

Data File : VY001973.D
Acq On : 16 Mar 2020 11:32
Operator : SY/MD
Sample : VY0316SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

Quant Time: Mar 17 08:02:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	173110	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	310219	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	277088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	131681	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	92489	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
35) Dibromofluoromethane	7.75	113	88307	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
50) Toluene-d8	10.19	98	359304	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
62) 4-Bromofluorobenzene	12.49	95	128929	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.92	85	30451	19.057	ug/l	97
3) Chloromethane	2.13	50	43820	20.340	ug/l	99
4) Vinyl Chloride	2.27	62	43630	19.910	ug/l	99
5) Bromomethane	2.67	94	29023	19.053	ug/l	99
6) Chloroethane	2.82	64	28967	21.043	ug/l	98
7) Trichlorofluoromethane	3.15	101	60692	20.422	ug/l	99
8) Diethyl Ether	3.56	74	25330	21.625	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.94	101	39669	20.753	ug/l	99
10) Methyl Iodide	4.13	142	43367	19.618	ug/l	99
11) Tert butyl alcohol	5.00	59	23206	107.823	ug/l	99
12) 1,1-Dichloroethene	3.91	96	40632	21.111	ug/l	98
13) Acrolein	3.76	56	20596	79.308	ug/l	95
14) Allyl chloride	4.52	41	73057	21.411	ug/l	98
15) Acrylonitrile	5.21	53	66161	105.703	ug/l	99
16) Acetone	3.99	43	55276	102.692	ug/l	95
17) Carbon Disulfide	4.23	76	126203	19.506	ug/l	100
18) Methyl Acetate	4.52	43	29389	21.250	ug/l	98
19) Methyl tert-butyl Ether	5.27	73	111290	21.337	ug/l	99
20) Methylene Chloride	4.75	84	49601	21.501	ug/l	99
21) trans-1,2-Dichloroethene	5.27	96	46018	21.065	ug/l	99
22) Diisopropyl ether	6.16	45	149026	21.307	ug/l	96
23) Vinyl Acetate	6.10	43	479930	104.671	ug/l	99
24) 1,1-Dichloroethane	6.07	63	80111	21.151	ug/l	98
25) 2-Butanone	7.03	43	85658	104.645	ug/l	97
26) 2,2-Dichloropropane	7.02	77	67889	21.838	ug/l	98
27) cis-1,2-Dichloroethene	7.02	96	50267	21.153	ug/l	99
28) Bromochloromethane	7.37	49	33982	19.905	ug/l	97
29) Tetrahydrofuran	7.38	42	55465	102.038	ug/l	99
30) Chloroform	7.54	83	74811	21.023	ug/l	95
31) Cyclohexane	7.82	56	81409	20.046	ug/l	97
32) 1,1,1-Trichloroethane	7.74	97	64102	21.373	ug/l	98
36) 1,1-Dichloropropene	7.95	75	62616	20.975	ug/l	98
37) Ethyl Acetate	7.11	43	38517	22.200	ug/l	99
38) Carbon Tetrachloride	7.92	117	55405	21.726	ug/l	97

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	81934	20.693	ug/l	98
40) Benzene	8.19	78	186678	21.098	ug/l	99
41) Methacrylonitrile	7.38	41	50338	64.467	ug/l #	1
42) 1,2-Dichloroethane	8.27	62	48280	21.175	ug/l	99
43) Isopropyl Acetate	8.30	43	68799	20.944	ug/l	99
44) Trichloroethene	8.96	130	46035	21.363	ug/l	99
45) 1,2-Dichloropropane	9.24	63	47033	21.145	ug/l	98
46) Dibromomethane	9.32	93	24457	21.337	ug/l	100
47) Bromodichloromethane	9.52	83	57361	21.513	ug/l	99
48) Methyl methacrylate	9.31	41	30750	21.096	ug/l	95
49) 1,4-Dioxane	9.31	88	6550	417.031	ug/l	93
51) 4-Methyl-2-Pentanone	10.08	43	187423	110.773	ug/l	100
52) Toluene	10.25	92	114832	21.363	ug/l	98
53) t-1,3-Dichloropropene	10.48	75	64342	22.149	ug/l	93
54) cis-1,3-Dichloropropene	9.94	75	74531	21.552	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	35913	21.409	ug/l	98
56) Ethyl methacrylate	10.52	69	52610	21.397	ug/l	98
57) 1,3-Dichloropropane	10.80	76	65354	21.856	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.80	63	129127	135.505	ug/l	99
59) 2-Hexanone	10.85	43	128305	106.244	ug/l	99
60) Dibromochloromethane	11.00	129	38756	21.925	ug/l	98
61) 1,2-Dibromoethane	11.10	107	34103	21.462	ug/l	98
64) Tetrachloroethene	10.73	164	37661	21.673	ug/l	98
65) Chlorobenzene	11.53	112	118059	21.383	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	39576	21.859	ug/l	98
67) Ethyl Benzene	11.60	91	222364	21.595	ug/l	97
68) m/p-Xylenes	11.71	106	163438	42.933	ug/l	99
69) o-Xylene	12.04	106	75964	21.171	ug/l	97
70) Styrene	12.05	104	135223	22.004	ug/l	99
71) Bromoform	12.22	173	22210	22.620	ug/l #	97
73) Isopropylbenzene	12.34	105	211707	21.061	ug/l	99
74) N-amyl acetate	12.15	43	63448	20.537	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.59	83	45943	21.194	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	59229	37.907	ug/l #	100
77) Bromobenzene	12.62	156	45489	21.359	ug/l	98
78) n-propylbenzene	12.68	91	263893	21.279	ug/l	100
79) 2-Chlorotoluene	12.77	91	142583	20.810	ug/l	97
80) 1,3,5-Trimethylbenzene	12.82	105	176530	21.332	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	16259	21.019	ug/l	99
82) 4-Chlorotoluene	12.86	91	153039	21.453	ug/l	100
83) tert-Butylbenzene	13.08	119	148280	21.573	ug/l	98
84) 1,2,4-Trimethylbenzene	13.13	105	174803	21.285	ug/l	99
85) sec-Butylbenzene	13.26	105	216642	21.384	ug/l	99
86) p-Isopropyltoluene	13.38	119	189076	21.635	ug/l	100
87) 1,3-Dichlorobenzene	13.38	146	89372	21.414	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	89424	21.121	ug/l	97
89) n-Butylbenzene	13.70	91	196049	21.622	ug/l	99
90) Hexachloroethane	13.97	117	35097	21.287	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	81125	21.397	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	7005	20.709	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY031620\
Quantitation Report (Not Reviewed)

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Operator : SY/MD
Sample : VY0316SBS01
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Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

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Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	54077	21.993	ug/l	99
94) Hexachlorobutadiene	15.12	225	26784	22.343	ug/l	98
95) Naphthalene	15.25	128	123980	21.258	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	48583	22.429	ug/l	97

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

Data File : VY001973.D

Acq On : 16 Mar 2020 11:32

Operator : SY/MD

Sample : VY0316SBS01

Misc : 5.00G/5ML/MSVOA Y/SOIL

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ALS Vial      : 4      Sample Multiplier: 1
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Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

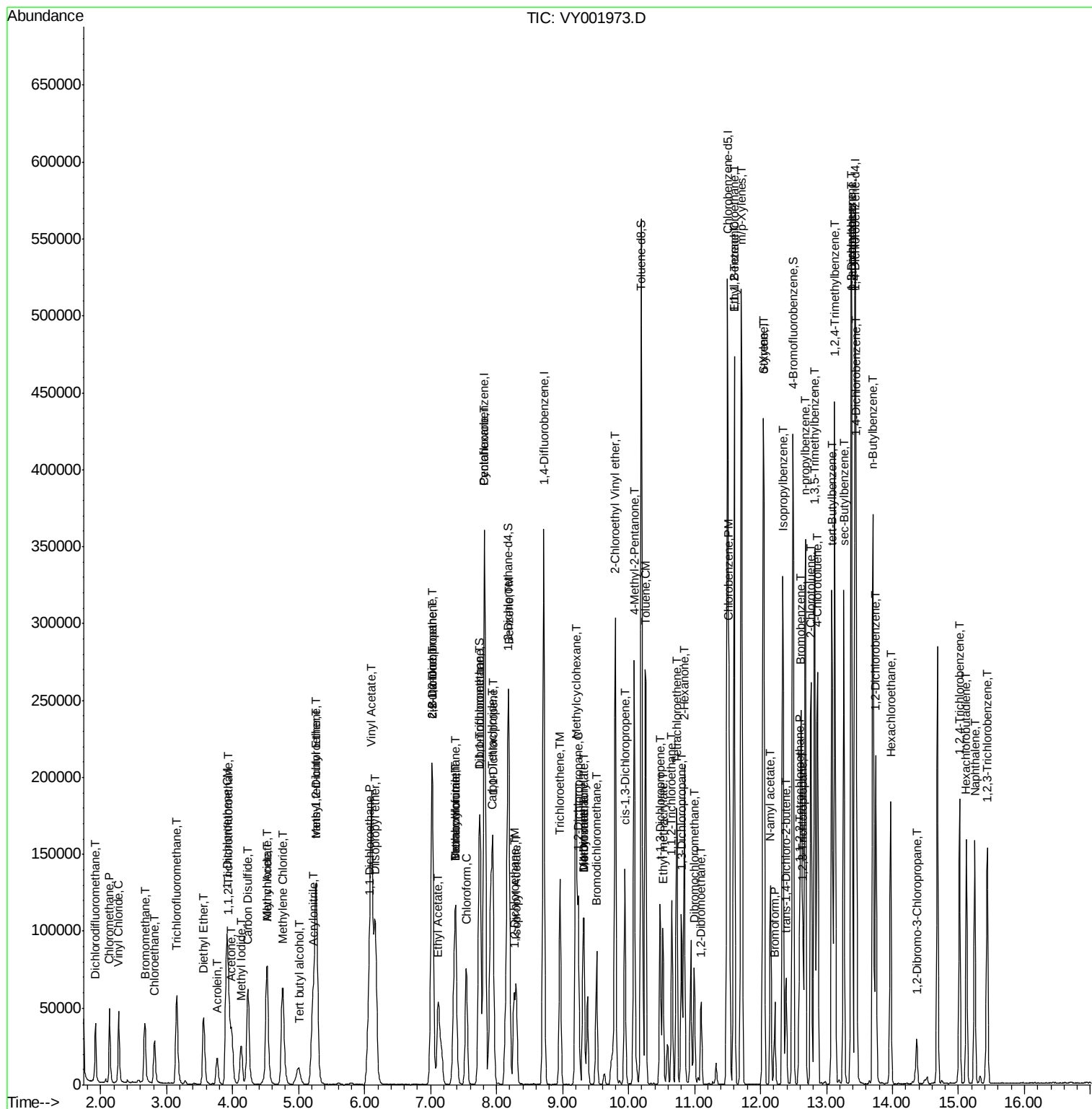
Quant Time: Mar 17 08:02:22 2020

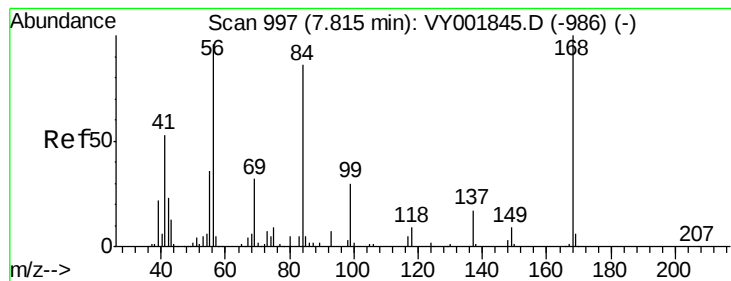
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_Y\METHODS\82Y030420S.M

Quant Title : SW846 8260

QLast Update : Thu Mar 05 04:05:33 2020

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001973.D

Acq: 16 Mar 2020 11:32

Instrument :

MSVOA_Y

ClientSampleId :

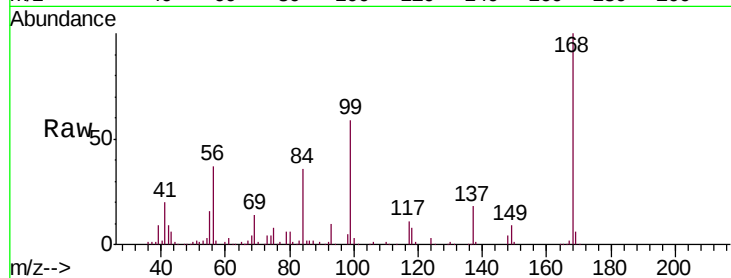
VY0316SBS01

Tgt Ion:168 Resp: 173110

Ion Ratio Lower Upper

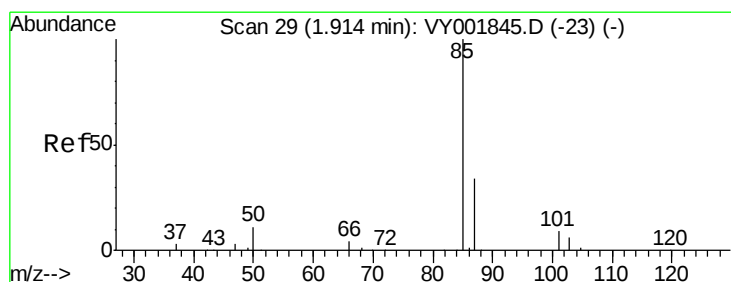
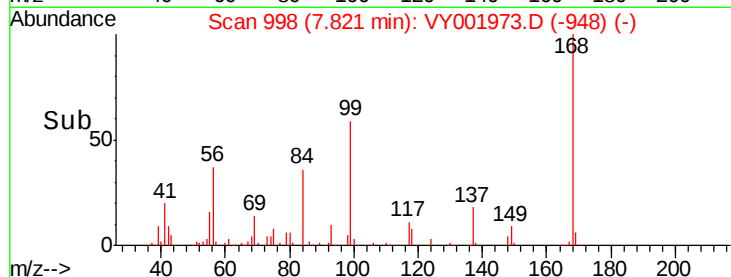
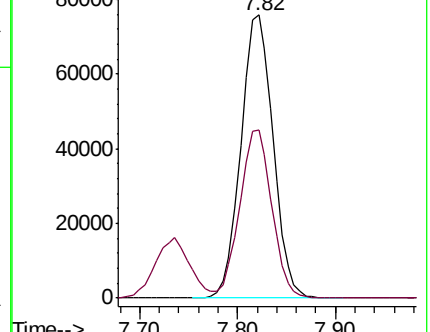
168 100

99 59.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)



#2

Dichlorodifluoromethane

Concen: 19.057 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.01 min

Lab File: VY001973.D

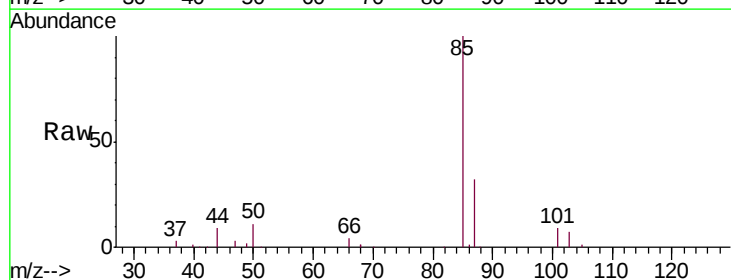
Acq: 16 Mar 2020 11:32

Tgt Ion: 85 Resp: 30451

Ion Ratio Lower Upper

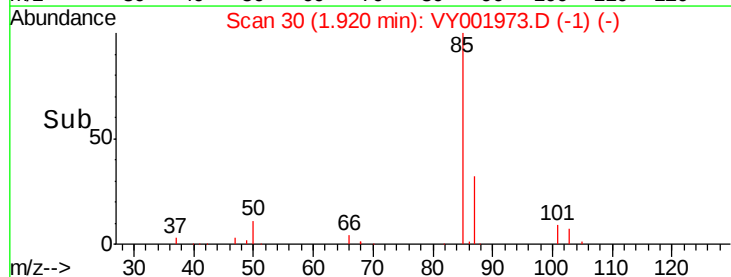
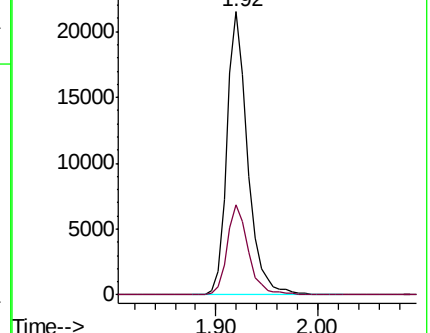
85 100

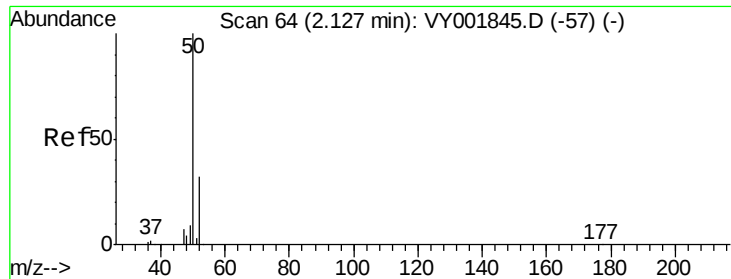
87 32.0 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VY001845.D (-23) (-)

Ion 86.90 (86.60 to 87.60): VY001845.D (-23) (-)





#3

Chloromethane

Concen: 20.340 ug/l

RT: 2.13 min Scan# 65

Delta R.T. 0.01 min

Lab File: VY001973.D

Acq: 16 Mar 2020 11:32

Instrument :

MSVOA_Y

ClientSampleId :

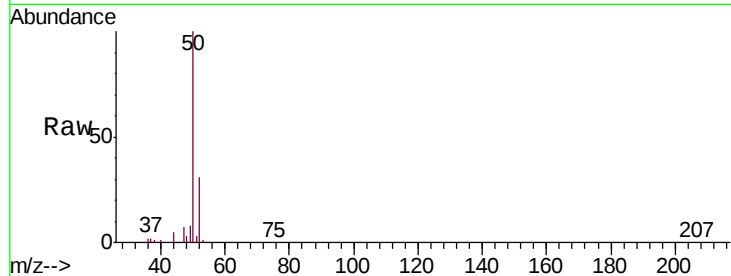
VY0316SBS01

Tgt Ion: 50 Resp: 43820

Ion Ratio Lower Upper

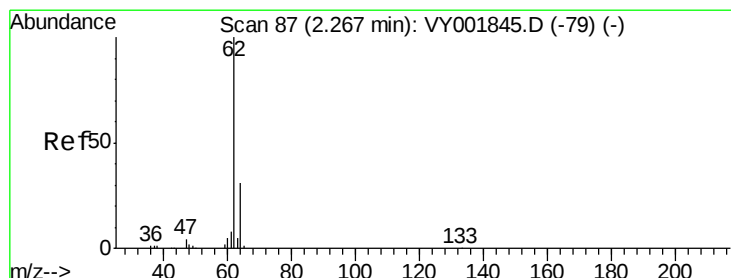
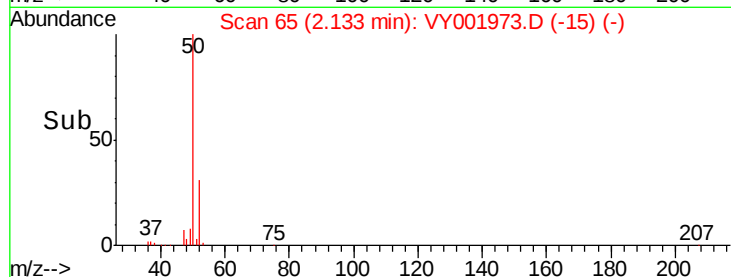
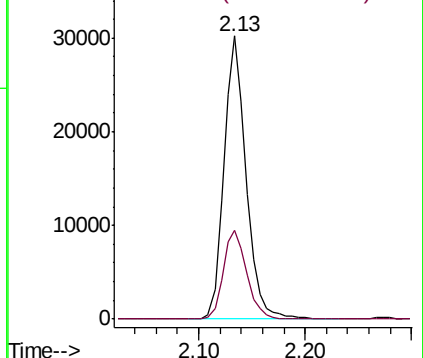
50 100

52 31.4 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 19.910 ug/l

RT: 2.27 min Scan# 88

Delta R.T. 0.01 min

Lab File: VY001973.D

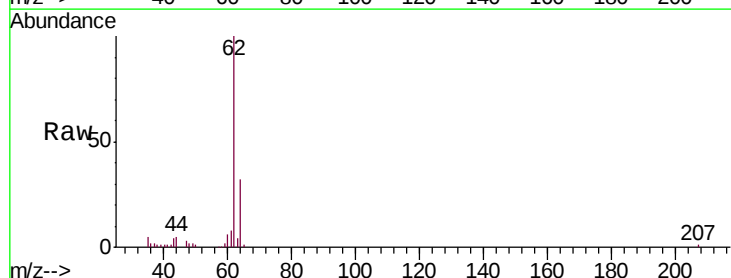
Acq: 16 Mar 2020 11:32

Tgt Ion: 62 Resp: 43630

Ion Ratio Lower Upper

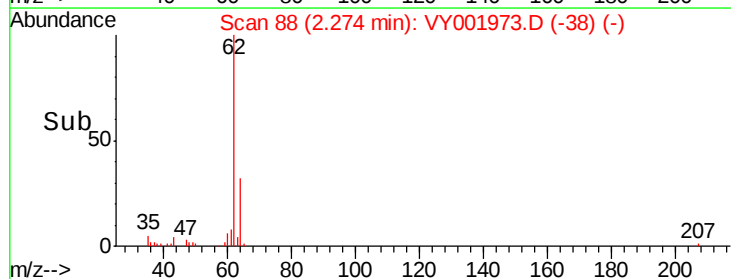
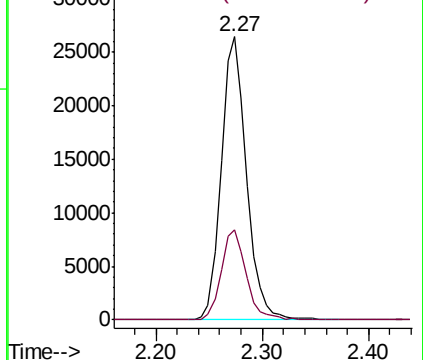
62 100

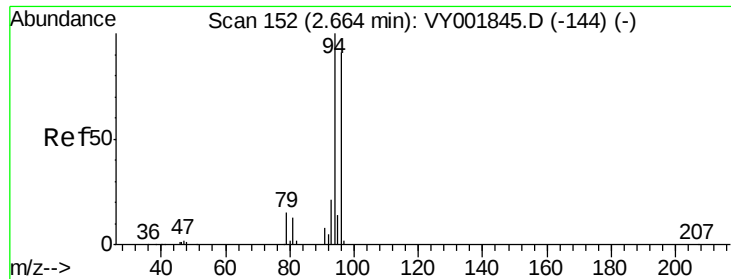
64 31.8 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 19.053 ug/l

RT: 2.67 min Scan# 153

Delta R.T. 0.01 min

Lab File: VY001973.D

Acq: 16 Mar 2020 11:32

Instrument :

MSVOA_Y

ClientSampleId :

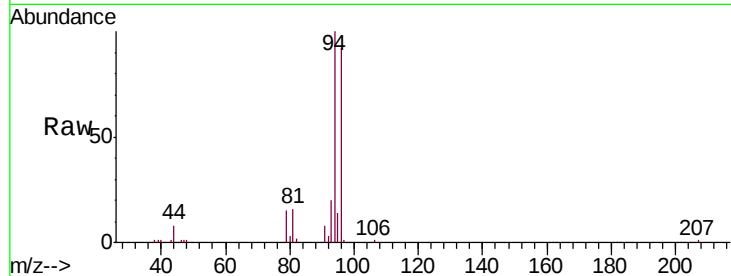
VY0316SBS01

Tgt Ion: 94 Resp: 29023

Ion Ratio Lower Upper

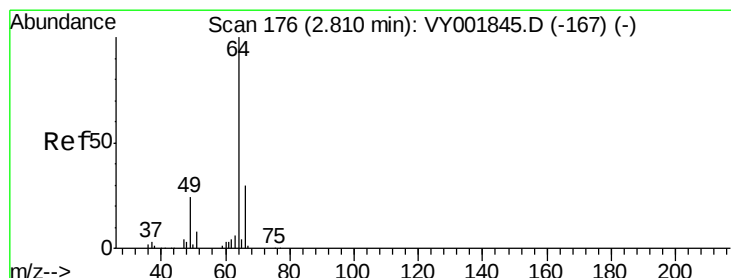
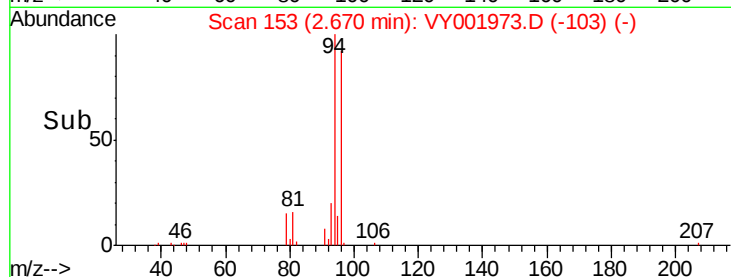
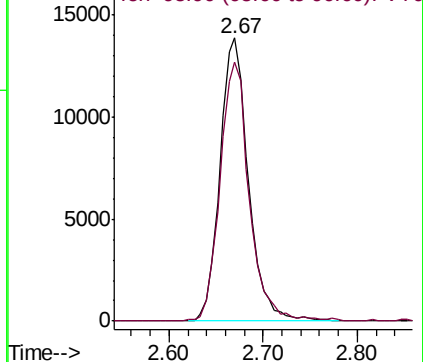
94 100

96 91.0 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 21.043 ug/l

RT: 2.82 min Scan# 177

Delta R.T. 0.01 min

Lab File: VY001973.D

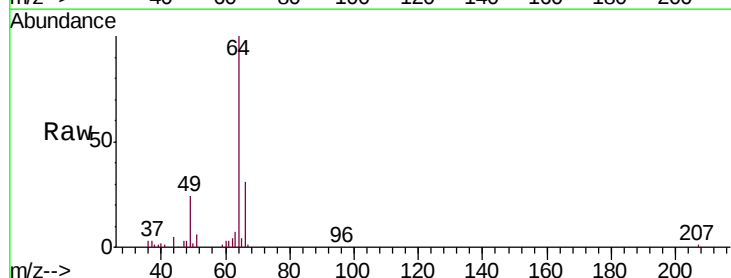
Acq: 16 Mar 2020 11:32

Tgt Ion: 64 Resp: 28967

Ion Ratio Lower Upper

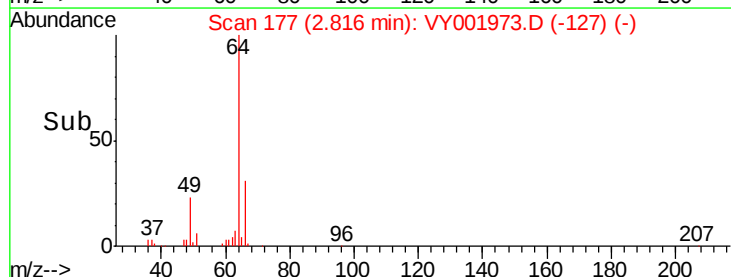
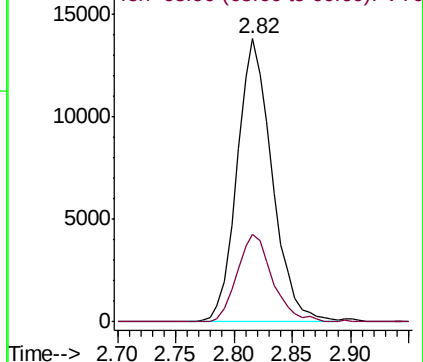
64 100

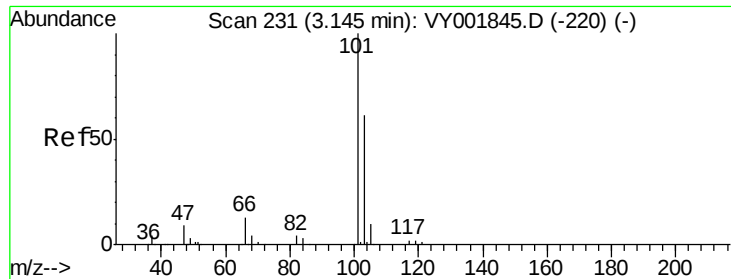
66 30.9 23.8 35.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



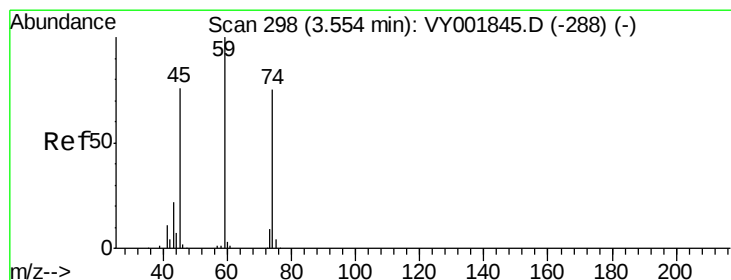
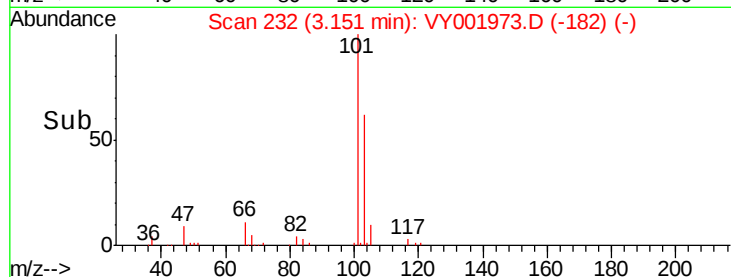
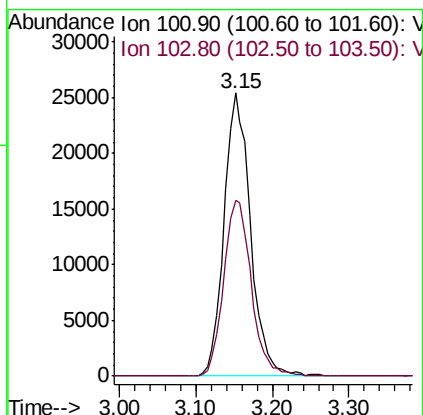
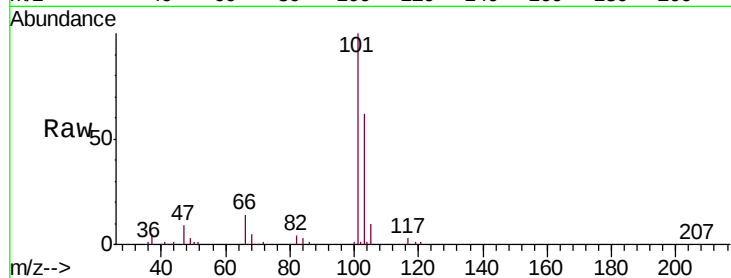


#7

Trichlorofluoromethane
 Concen: 20.422 ug/l
 RT: 3.15 min Scan# 232
 Delta R.T. 0.01 min
 Lab File: VY001973.D
 Acq: 16 Mar 2020 11:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0316SBS01

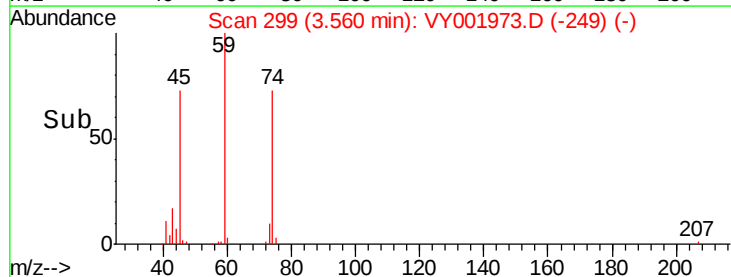
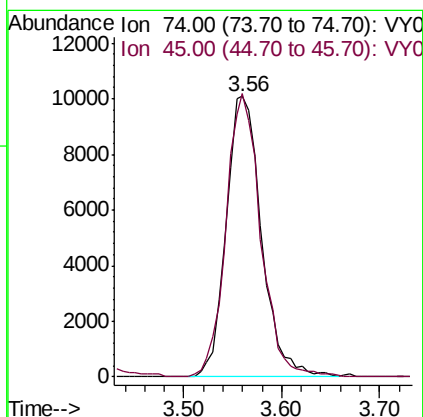
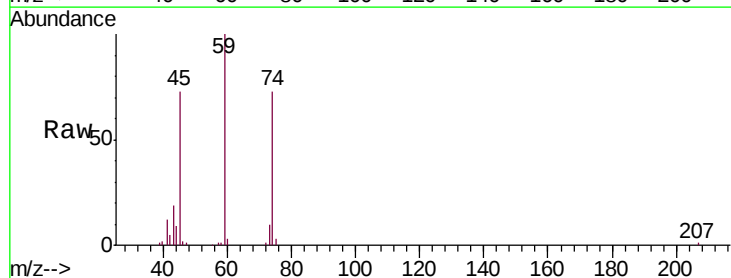
Tgt Ion:101 Resp: 60692
 Ion Ratio Lower Upper
 101 100
 103 62.1 49.1 73.7

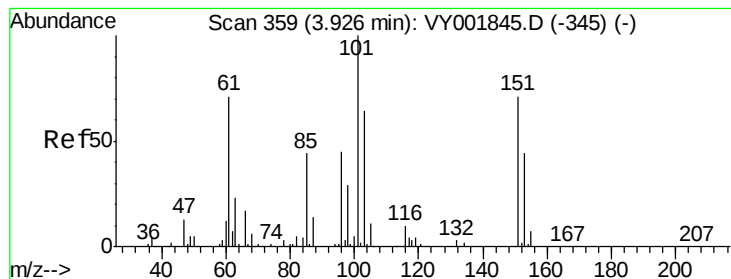


#8

Diethyl Ether
 Concen: 21.625 ug/l
 RT: 3.56 min Scan# 299
 Delta R.T. 0.01 min
 Lab File: VY001973.D
 Acq: 16 Mar 2020 11:32

Tgt Ion: 74 Resp: 25330
 Ion Ratio Lower Upper
 74 100
 45 99.0 50.5 151.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.753 ug/l

RT: 3.94 min Scan# 361

Delta R.T. 0.01 min

Lab File: VY001973.D

Acq: 16 Mar 2020 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0316SBS01

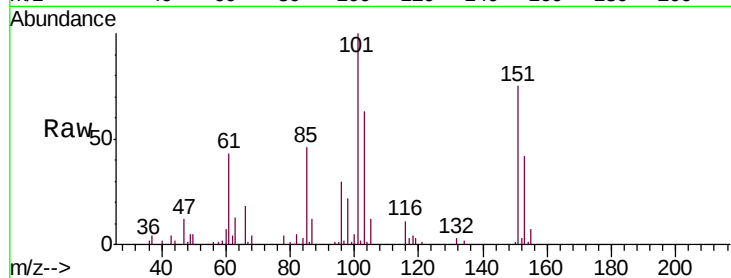
Tgt Ion:101 Resp: 39669

Ion Ratio Lower Upper

101 100

85 44.6 35.3 52.9

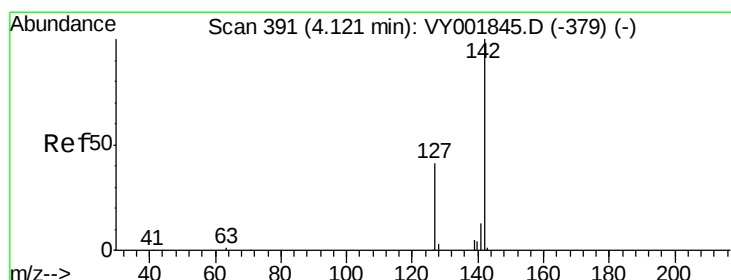
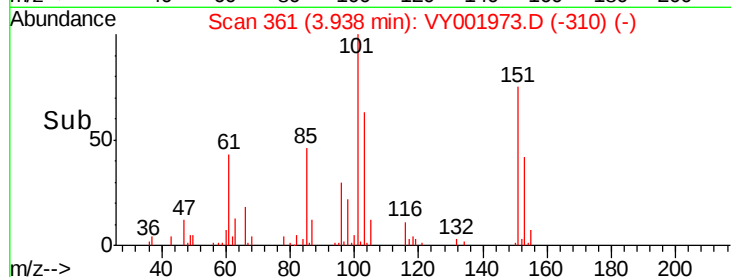
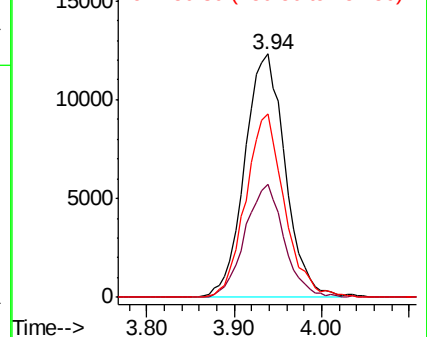
151 72.1 57.0 85.4



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: 19.618 ug/l

RT: 4.13 min Scan# 393

Delta R.T. 0.01 min

Lab File: VY001973.D

Acq: 16 Mar 2020 11:32

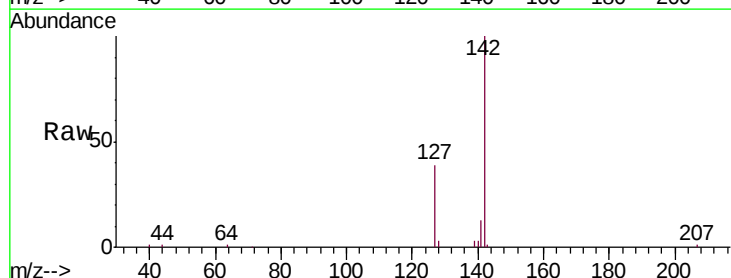
Tgt Ion:142 Resp: 43367

Ion Ratio Lower Upper

142 100

127 41.3 32.7 49.1

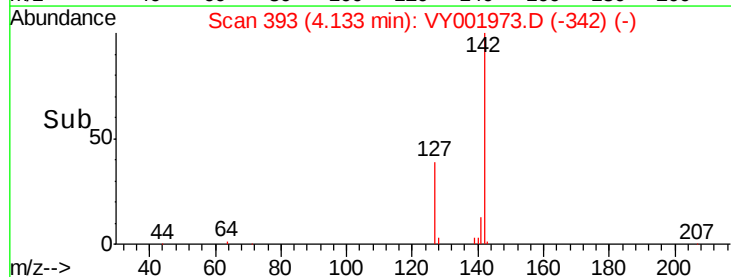
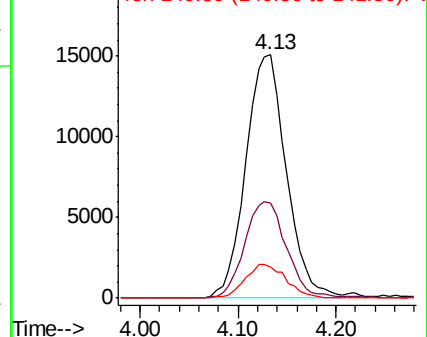
141 14.0 11.0 16.6

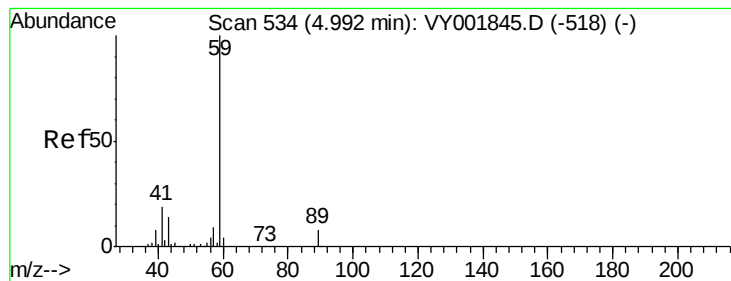


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



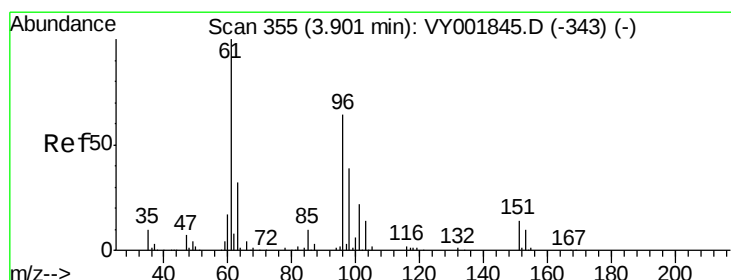
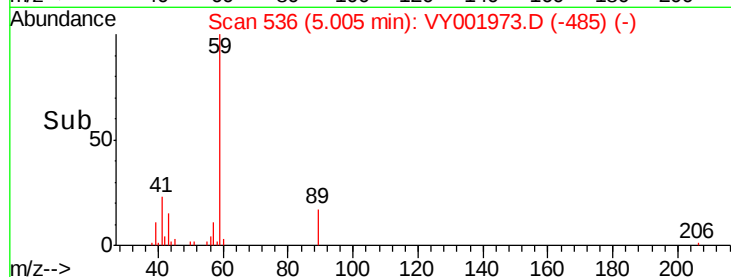
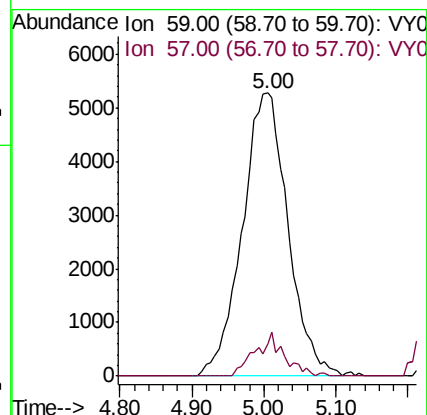
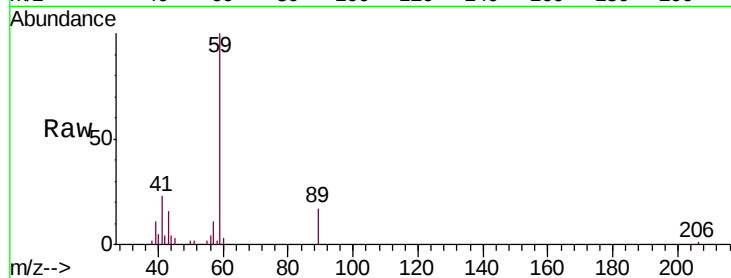


#11

Tert butyl alcohol
 Concen: 107.823 ug/l
 RT: 5.00 min Scan# 536
 Delta R.T. 0.01 min
 Lab File: VY001973.D
 Acq: 16 Mar 2020 11:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0316SBS01

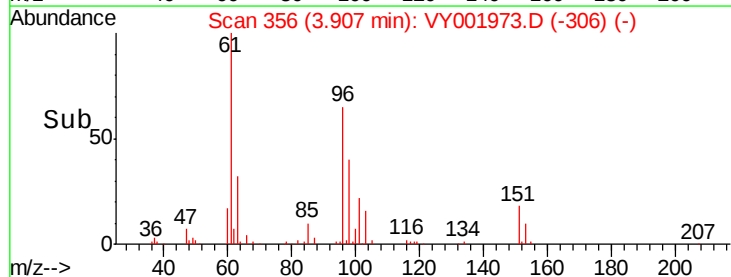
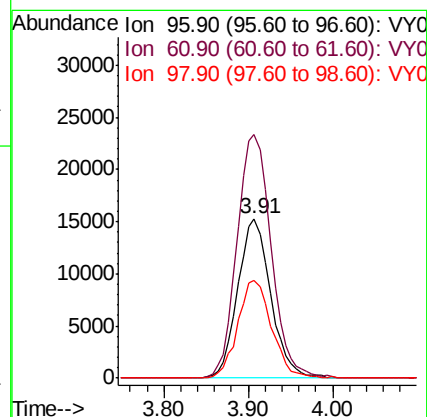
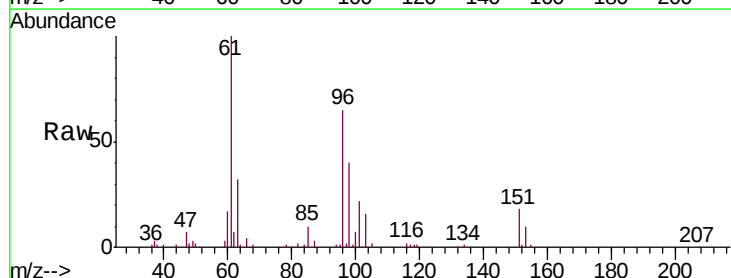
Tgt Ion: 59 Resp: 23206
 Ion Ratio Lower Upper
 59 100
 57 9.7 7.4 11.2

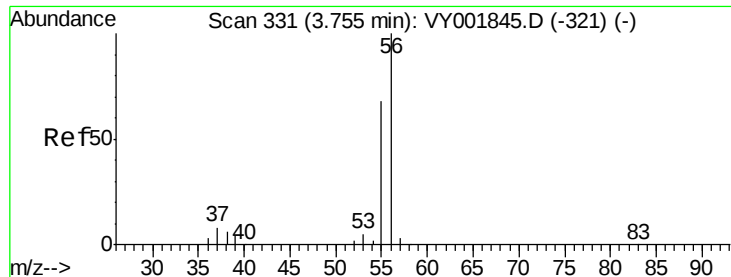


#12

1,1-Dichloroethene
 Concen: 21.111 ug/l
 RT: 3.91 min Scan# 356
 Delta R.T. 0.01 min
 Lab File: VY001973.D
 Acq: 16 Mar 2020 11:32

Tgt Ion: 96 Resp: 40632
 Ion Ratio Lower Upper
 96 100
 61 153.0 124.8 187.2
 98 61.7 49.2 73.8





#13

Acrolein

Concen: 79.308 ug/l

RT: 3.76 min Scan# 332

Delta R.T. 0.01 min

Lab File: VY001973.D

Acq: 16 Mar 2020 11:32

Instrument :

MSVOA_Y

ClientSampleId :

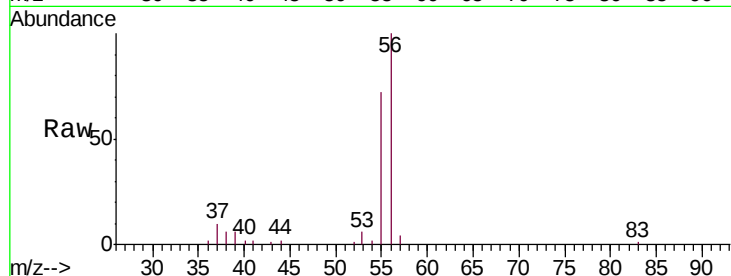
VY0316SBS01

Tgt Ion: 56 Resp: 20596

Ion Ratio Lower Upper

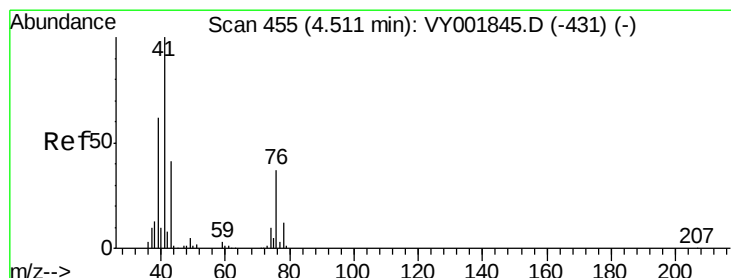
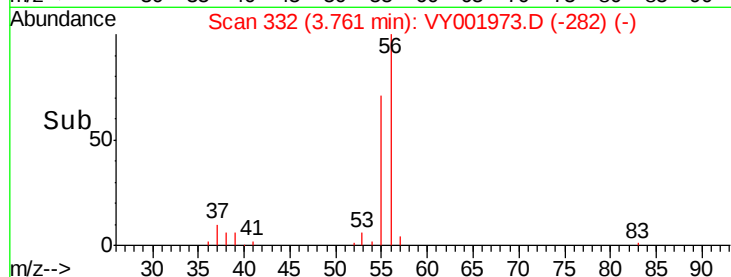
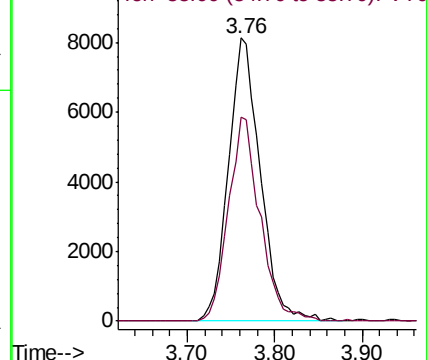
56 100

55 71.5 54.0 81.0



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 21.411 ug/l

RT: 4.52 min Scan# 457

Delta R.T. 0.01 min

Lab File: VY001973.D

Acq: 16 Mar 2020 11:32

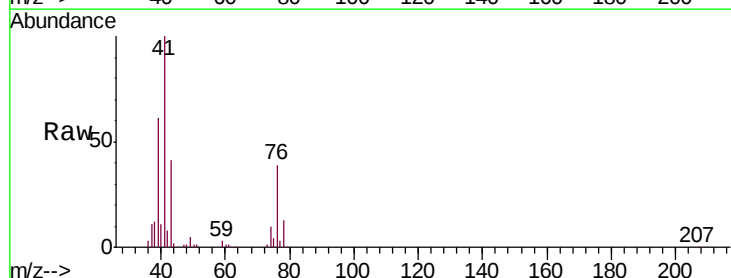
Tgt Ion: 41 Resp: 73057

Ion Ratio Lower Upper

41 100

39 60.5 49.0 73.6

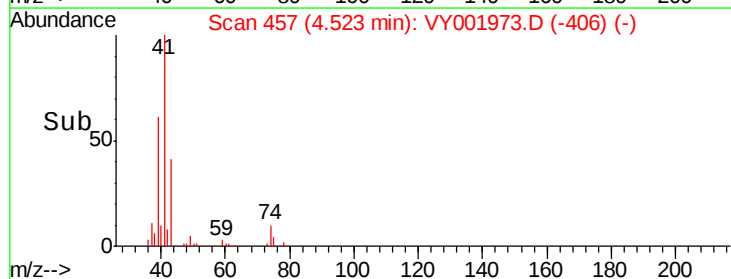
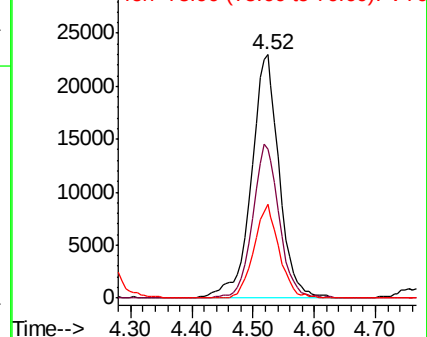
76 34.8 28.9 43.3

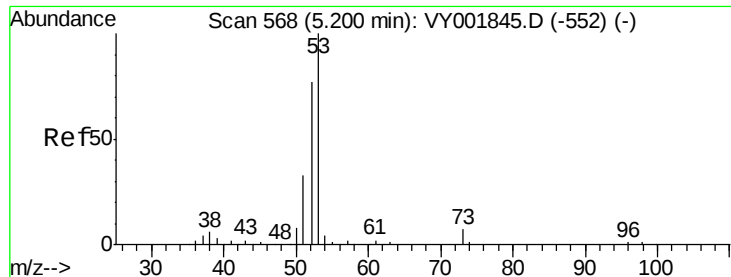


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 105.703 ug/l

RT: 5.21 min Scan# 570

Delta R.T. 0.01 min

Lab File: VY001973.D

Acq: 16 Mar 2020 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0316SBS01

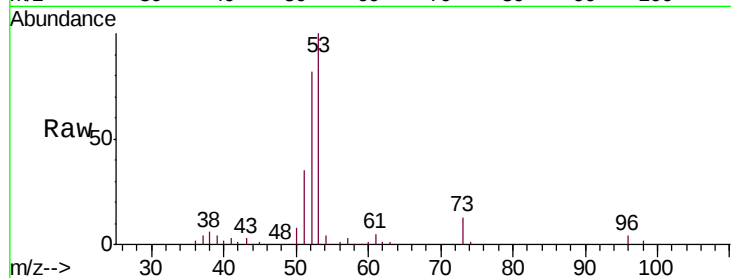
Tgt Ion: 53 Resp: 66161

Ion Ratio Lower Upper

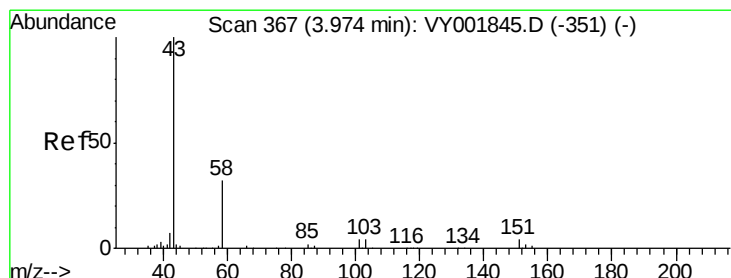
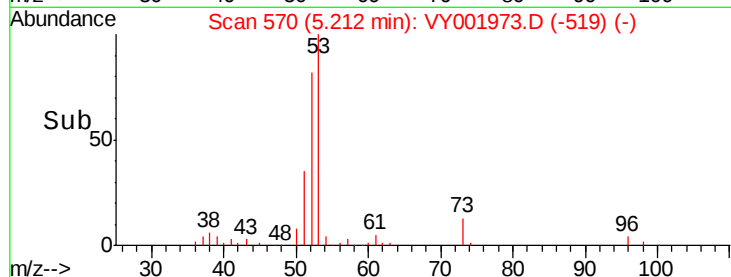
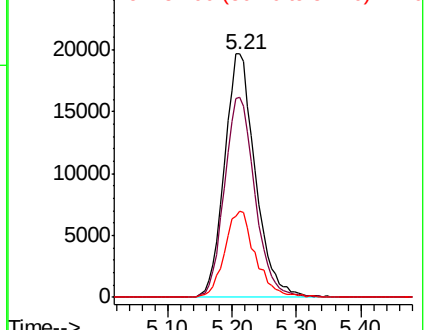
53 100

52 81.3 65.1 97.7

51 35.4 27.5 41.3



Abundance Ion 53.00 (52.70 to 53.70): VY0
Ion 52.00 (51.70 to 52.70): VY0
Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 102.692 ug/l

RT: 3.99 min Scan# 369

Delta R.T. 0.01 min

Lab File: VY001973.D

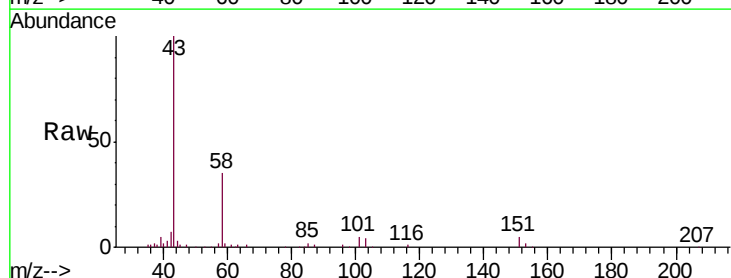
Acq: 16 Mar 2020 11:32

Tgt Ion: 43 Resp: 55276

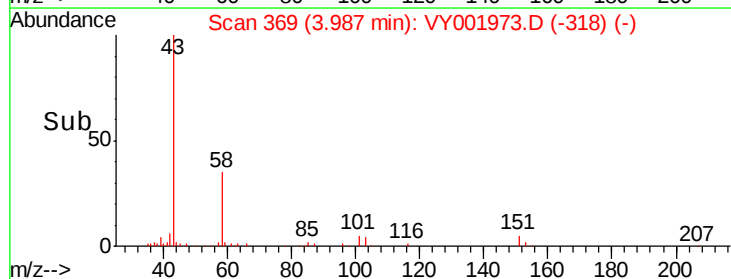
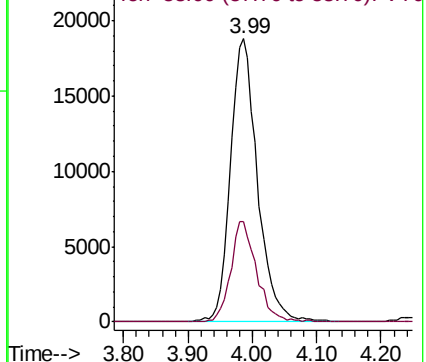
Ion Ratio Lower Upper

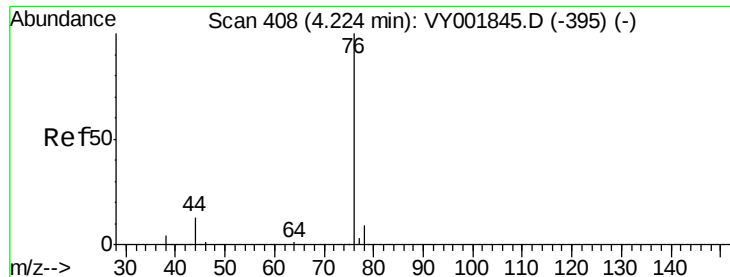
43 100

58 35.3 25.9 38.9



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

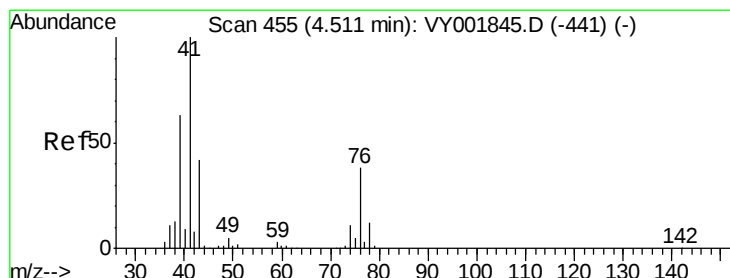
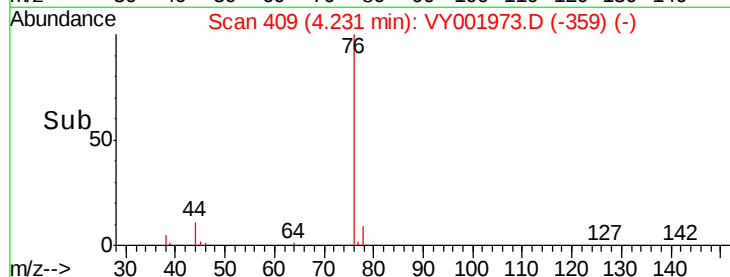
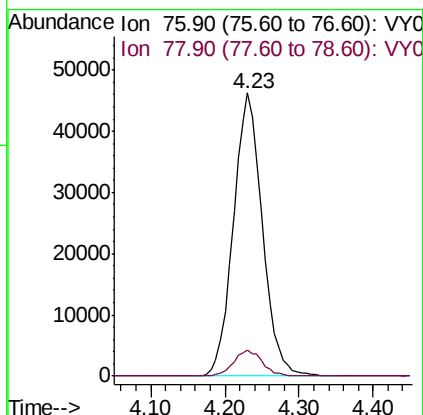
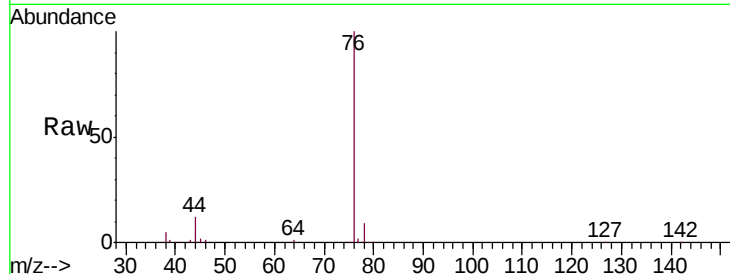




#17
Carbon Disulfide
Concen: 19.506 ug/l
RT: 4.23 min Scan# 409
Delta R.T. 0.01 min
Lab File: VY001973.D
Acq: 16 Mar 2020 11:32

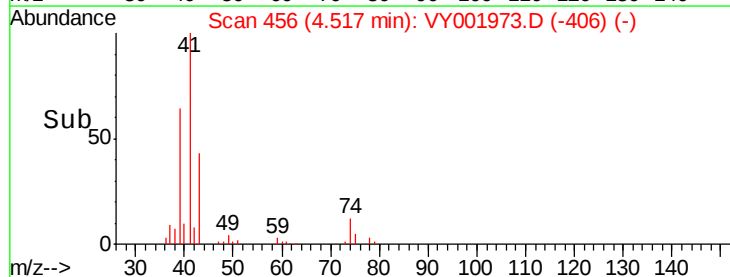
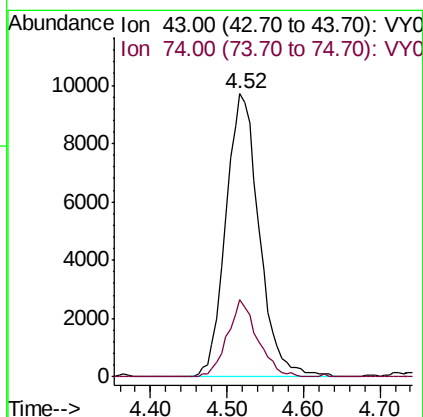
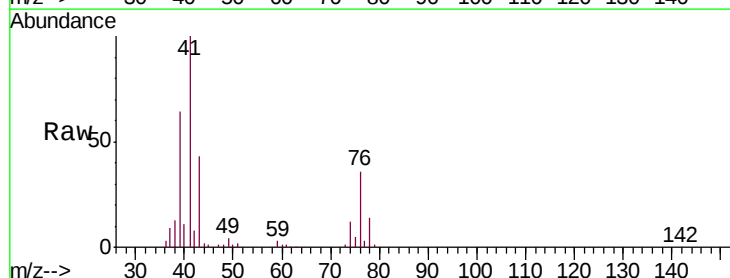
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

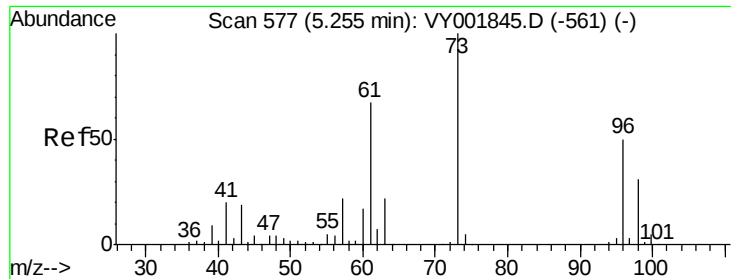
Tgt Ion: 76 Resp: 126203
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 21.250 ug/l
RT: 4.52 min Scan# 456
Delta R.T. 0.01 min
Lab File: VY001973.D
Acq: 16 Mar 2020 11:32

Tgt Ion: 43 Resp: 29389
Ion Ratio Lower Upper
43 100
74 24.6 19.0 28.6

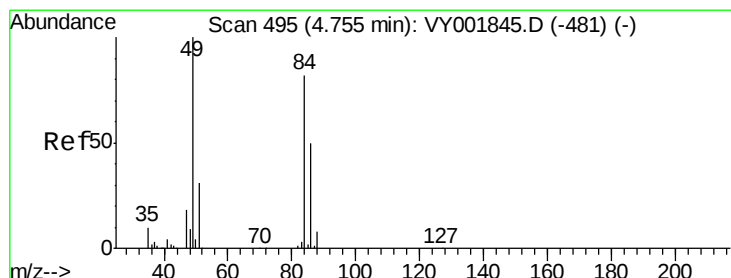
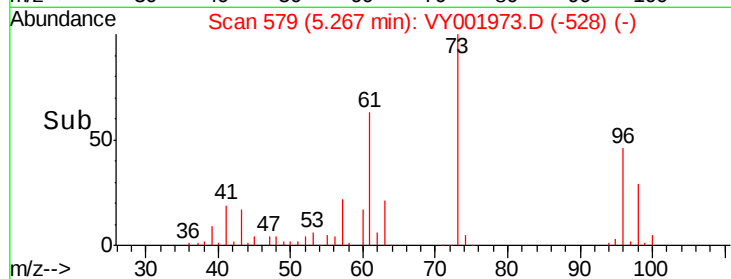
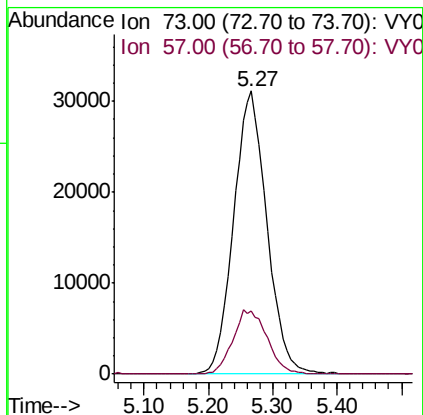
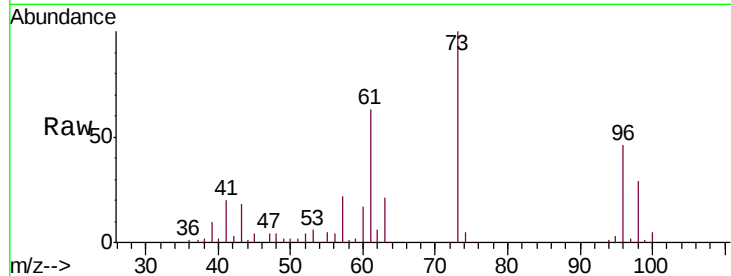




#19
Methyl tert-butyl Ether
Concen: 21.337 ug/l
RT: 5.27 min Scan# 579
Delta R.T. 0.01 min
Lab File: VY001973.D
Acq: 16 Mar 2020 11:32

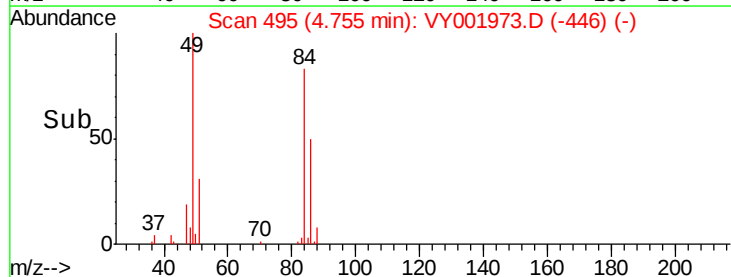
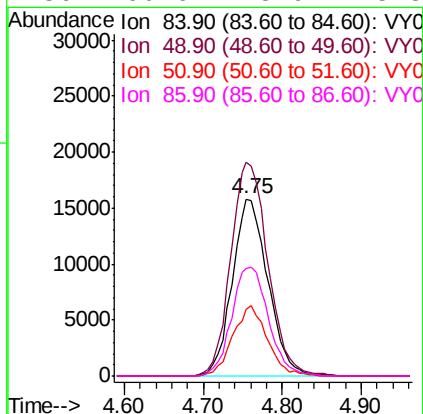
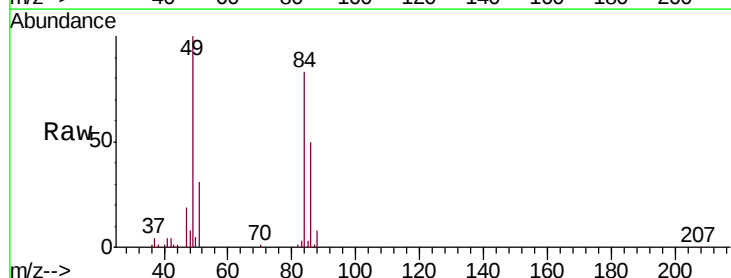
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

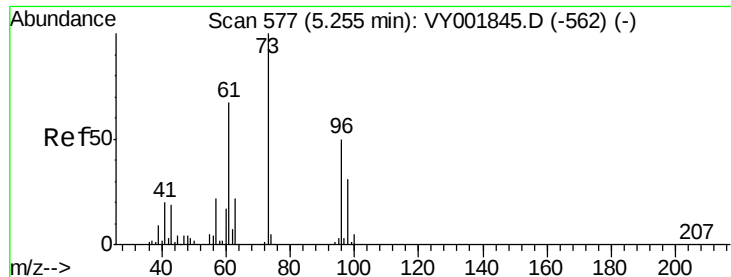
Tgt Ion: 73 Resp: 111290
Ion Ratio Lower Upper
73 100
57 22.3 17.4 26.2



#20
Methylene Chloride
Concen: 21.501 ug/l
RT: 4.75 min Scan# 495
Delta R.T. 0.00 min
Lab File: VY001973.D
Acq: 16 Mar 2020 11:32

Tgt Ion: 84 Resp: 49601
Ion Ratio Lower Upper
84 100
49 120.8 98.2 147.2
51 37.3 30.2 45.2
86 60.6 48.9 73.3





#21

trans-1,2-Dichloroethene

Concen: 21.065 ug/l

RT: 5.27 min Scan# 579

Delta R.T. 0.01 min

Lab File: VY001973.D

Acq: 16 Mar 2020 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0316SBS01

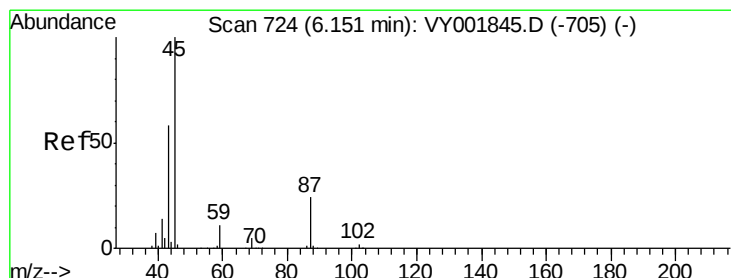
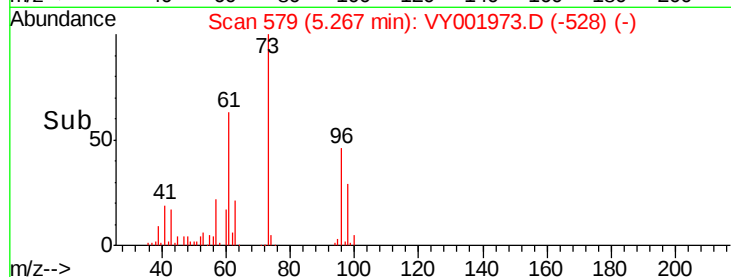
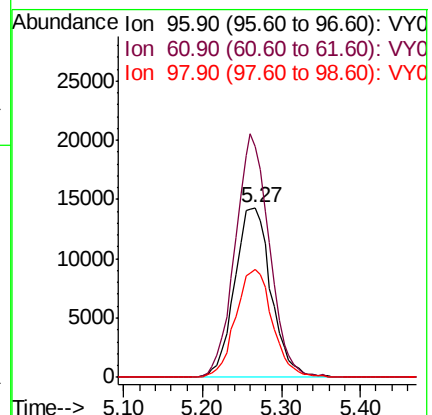
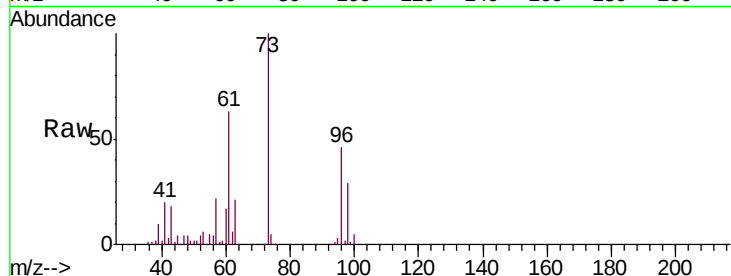
Tgt Ion: 96 Resp: 46018

Ion Ratio Lower Upper

96 100

61 135.8 107.7 161.5

98 63.4 49.3 73.9



#22

Diisopropyl ether

Concen: 21.307 ug/l

RT: 6.16 min Scan# 726

Delta R.T. 0.01 min

Lab File: VY001973.D

Acq: 16 Mar 2020 11:32

Tgt Ion: 45 Resp: 149026

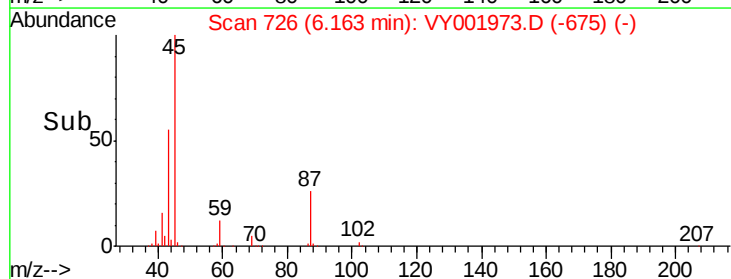
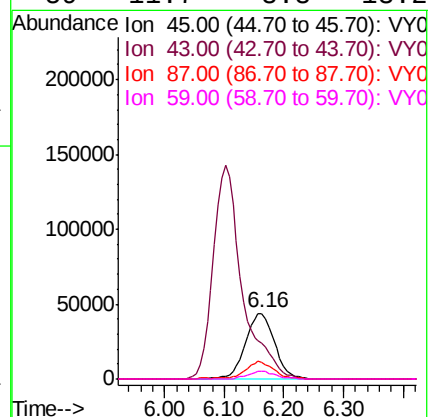
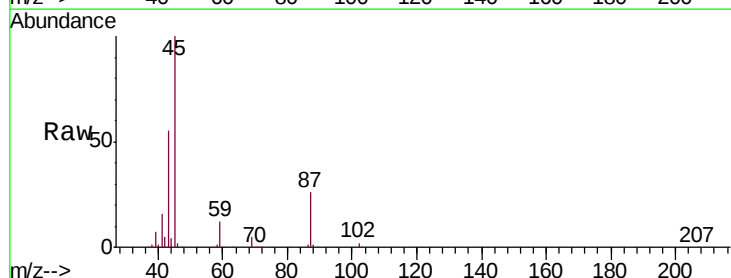
Ion Ratio Lower Upper

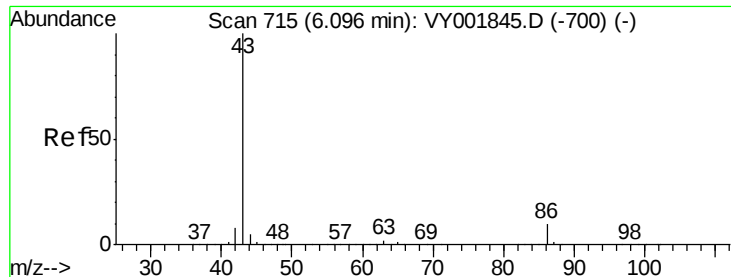
45 100

43 55.3 47.2 70.8

87 25.4 19.8 29.8

59 11.7 8.8 13.2





#23

Vinyl Acetate

Concen: 104.671 ug/l

RT: 6.10 min Scan# 716

Delta R.T. 0.01 min

Lab File: VY001973.D

Acq: 16 Mar 2020 11:32

Instrument :

MSVOA_Y

ClientSampleId :

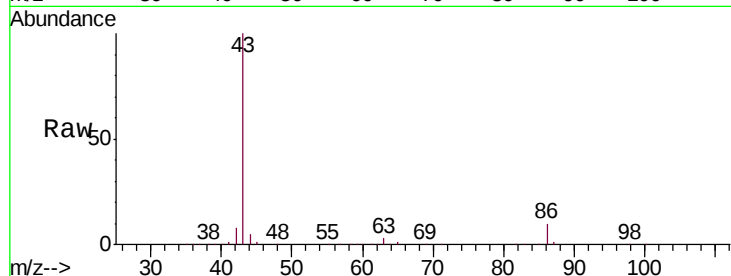
VY0316SBS01

Tgt Ion: 43 Resp: 479930

Ion Ratio Lower Upper

43 100

86 10.3 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.10

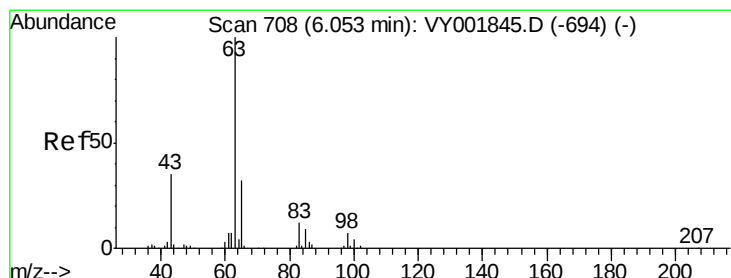
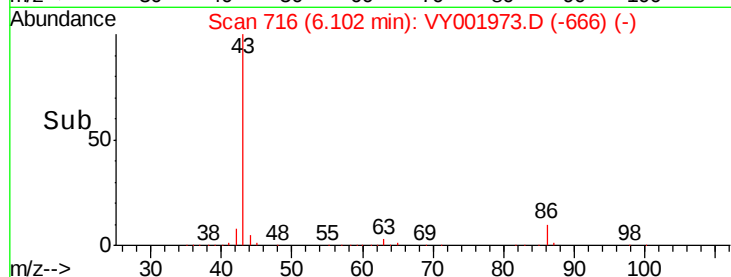
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 21.151 ug/l

RT: 6.07 min Scan# 710

Delta R.T. 0.01 min

Lab File: VY001973.D

Acq: 16 Mar 2020 11:32

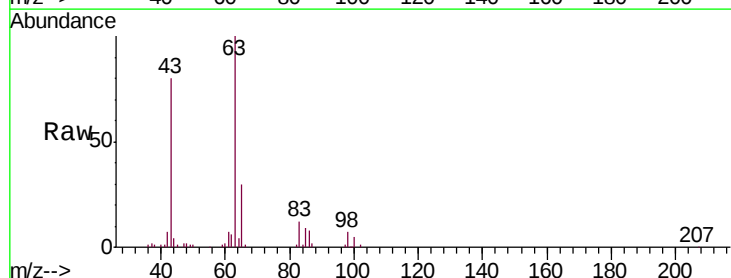
Tgt Ion: 63 Resp: 80111

Ion Ratio Lower Upper

63 100

98 7.3 3.4 10.2

100 4.7 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.07

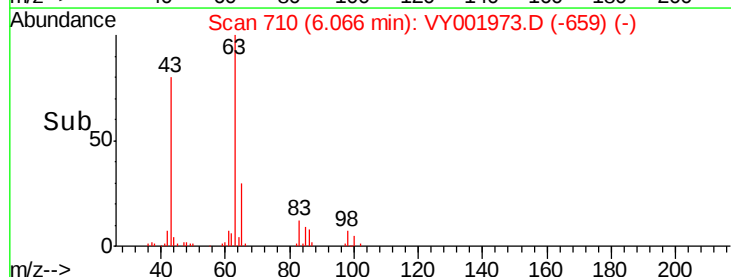
30000

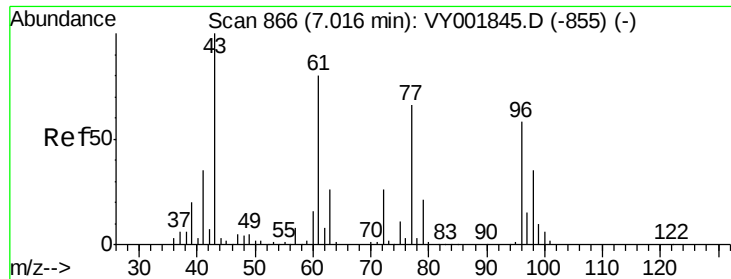
20000

10000

0

Time--> 5.90 6.00 6.10 6.20





#25

2-Butanone

Concen: 104.645 ug/l

RT: 7.03 min Scan# 868

Delta R.T. 0.01 min

Lab File: VY001973.D

Acq: 16 Mar 2020 11:32

Instrument :

MSVOA_Y

ClientSampleId :

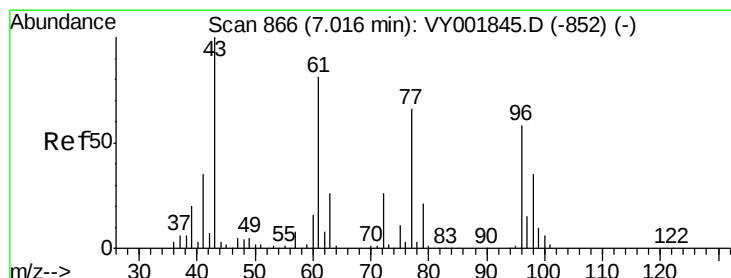
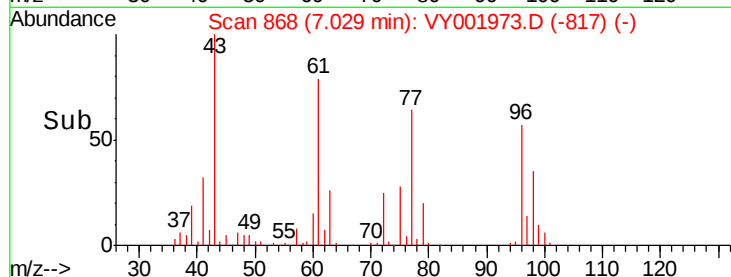
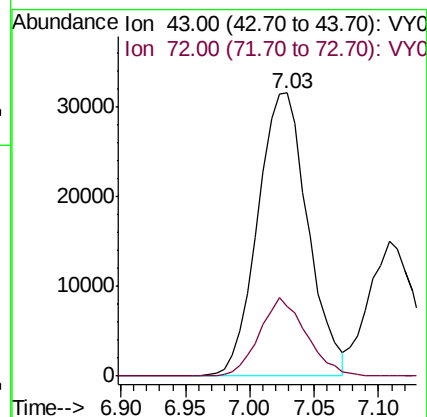
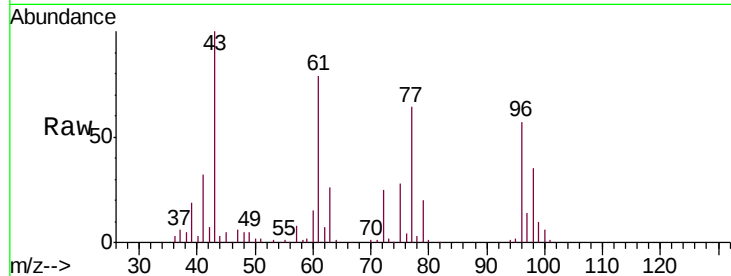
VY0316SBS01

Tgt Ion: 43 Resp: 85658

Ion Ratio Lower Upper

43 100

72 24.7 20.9 31.3



#26

2,2-Dichloropropane

Concen: 21.838 ug/l

RT: 7.02 min Scan# 867

Delta R.T. 0.01 min

Lab File: VY001973.D

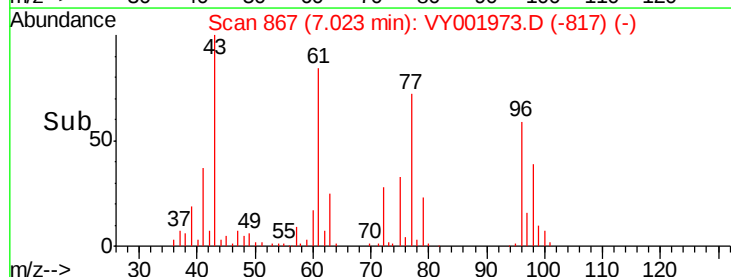
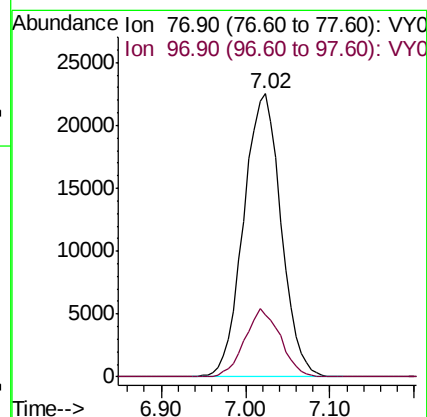
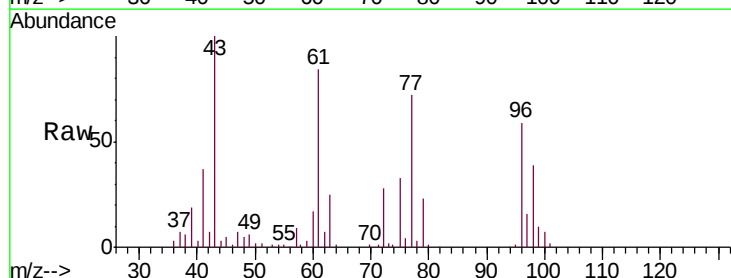
Acq: 16 Mar 2020 11:32

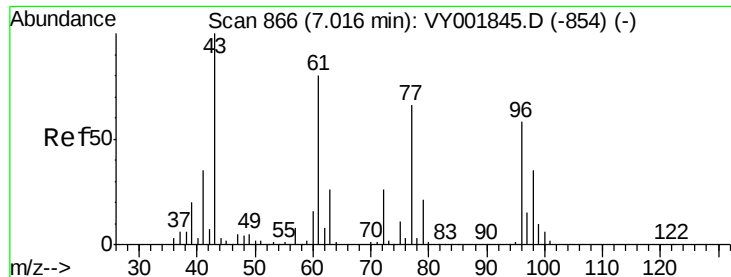
Tgt Ion: 77 Resp: 67889

Ion Ratio Lower Upper

77 100

97 22.8 11.9 35.7



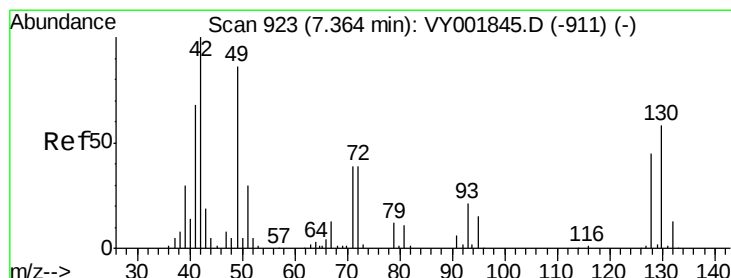
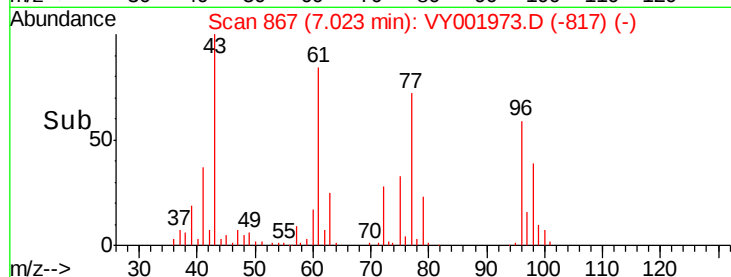
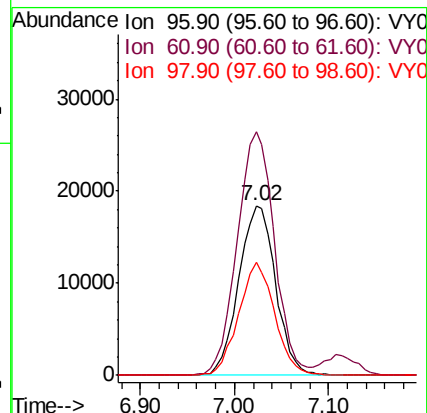
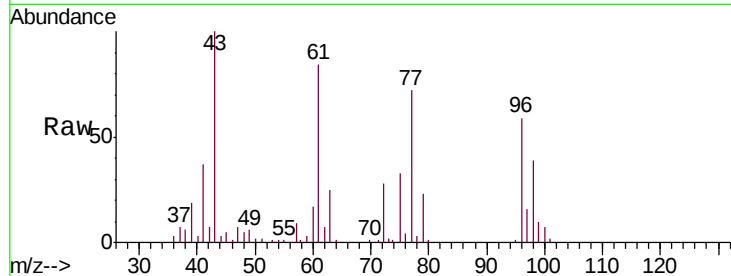


#27

cis-1,2-Dichloroethene
Concen: 21.153 ug/l
RT: 7.02 min Scan# 867
Delta R.T. 0.01 min
Lab File: VY001973.D
Acq: 16 Mar 2020 11:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

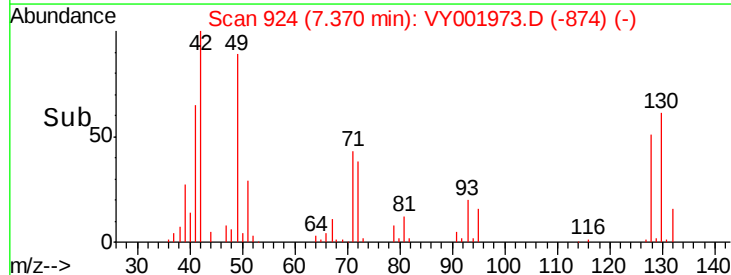
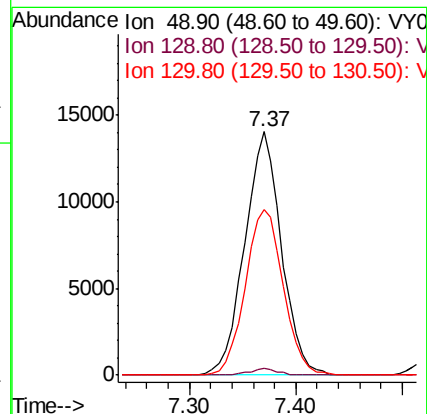
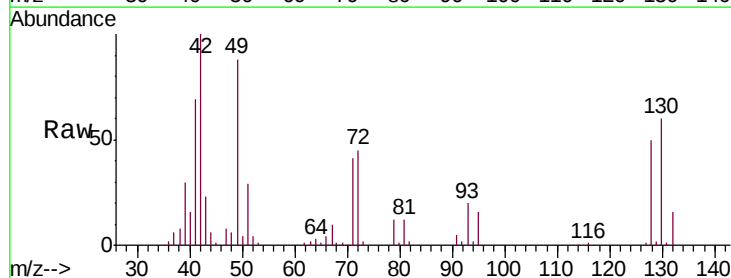
Tgt Ion: 96 Resp: 50267
Ion Ratio Lower Upper
96 100
61 145.5 0.0 288.2
98 65.3 0.0 129.0

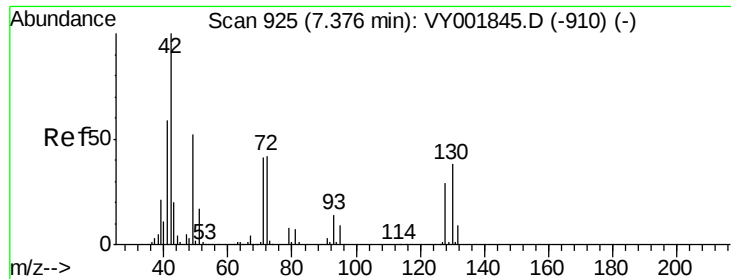


#28

Bromochloromethane
Concen: 19.905 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY001973.D
Acq: 16 Mar 2020 11:32

Tgt Ion: 49 Resp: 33982
Ion Ratio Lower Upper
49 100
129 2.0 0.0 3.8
130 70.2 54.4 81.6

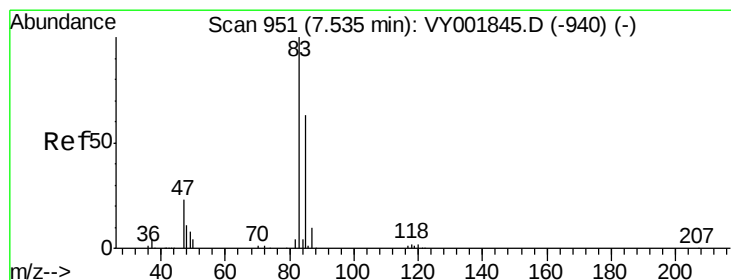
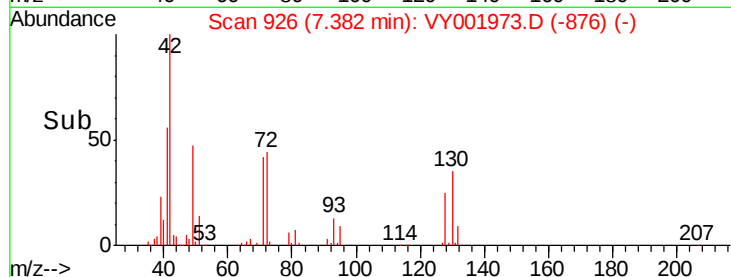
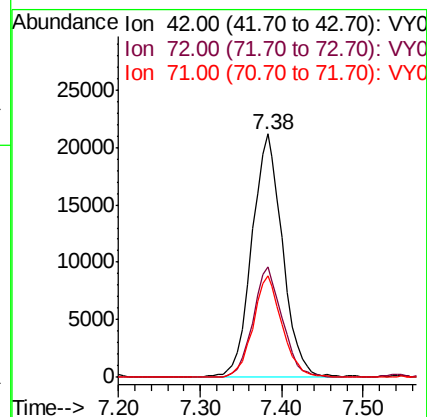
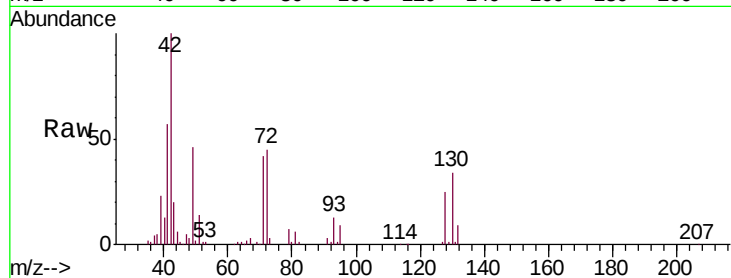




#29
Tetrahydrofuran
Concen: 102.038 ug/l
RT: 7.38 min Scan# 926
Delta R.T. 0.01 min
Lab File: VY001973.D
Acq: 16 Mar 2020 11:32

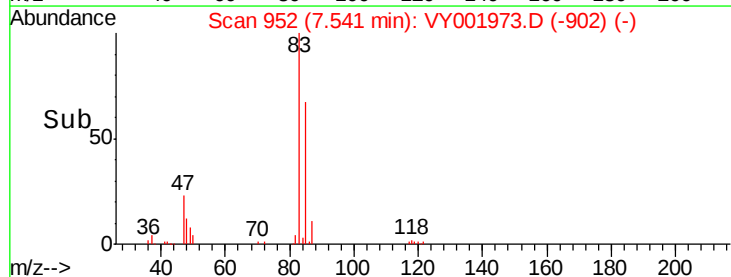
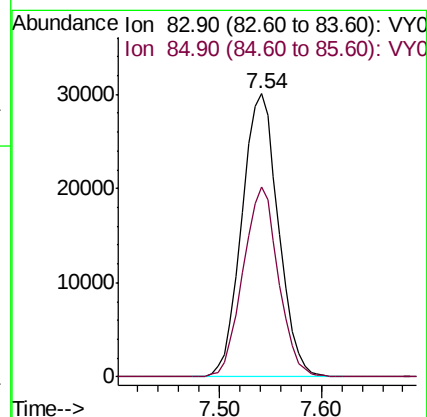
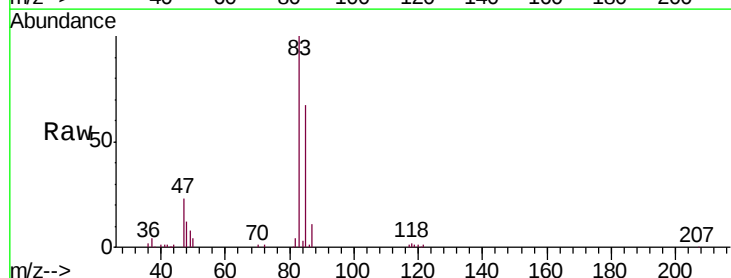
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

Tgt Ion: 42 Resp: 55465
Ion Ratio Lower Upper
42 100
72 43.1 33.5 50.3
71 39.4 31.3 46.9



#30
Chloroform
Concen: 21.023 ug/l
RT: 7.54 min Scan# 952
Delta R.T. 0.01 min
Lab File: VY001973.D
Acq: 16 Mar 2020 11:32

Tgt Ion: 83 Resp: 74811
Ion Ratio Lower Upper
83 100
85 67.2 50.7 76.1





#31

Cyclohexane

Concen: 20.046 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY001973.D

Acq: 16 Mar 2020 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0316SBS01

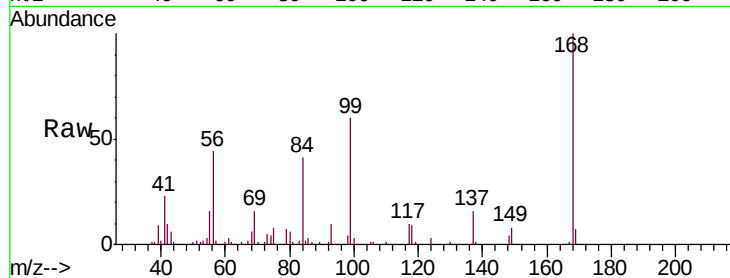
Tgt Ion: 56 Resp: 81409

Ion Ratio Lower Upper

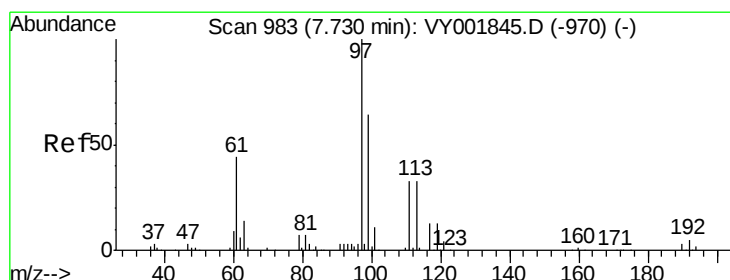
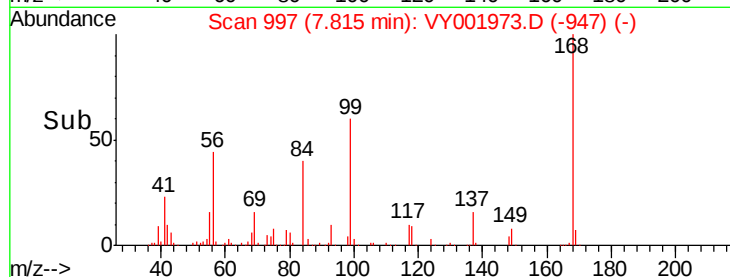
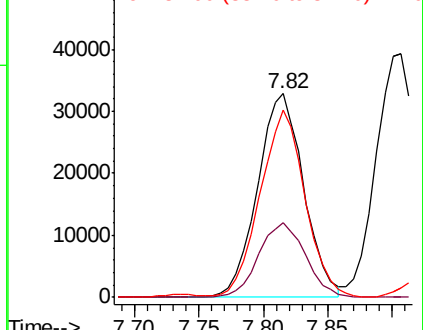
56 100

69 36.5 26.7 40.1

84 90.6 70.4 105.6



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



#32

1,1,1-Trichloroethane

Concen: 21.373 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.01 min

Lab File: VY001973.D

Acq: 16 Mar 2020 11:32

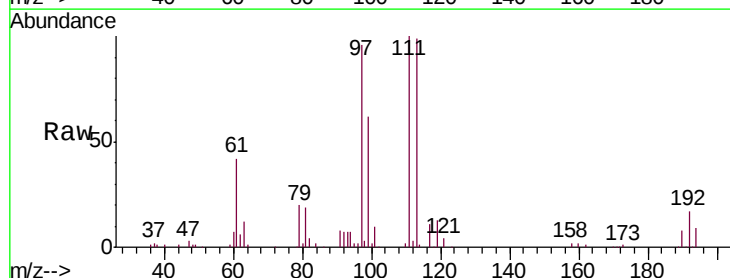
Tgt Ion: 97 Resp: 64102

Ion Ratio Lower Upper

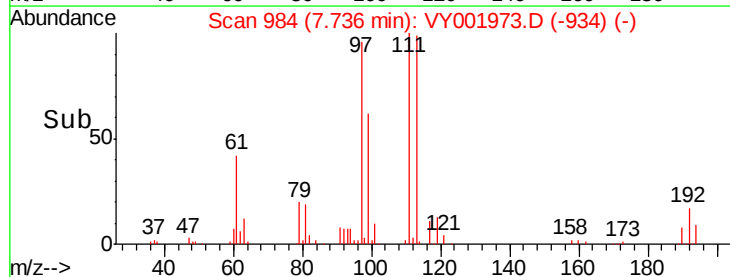
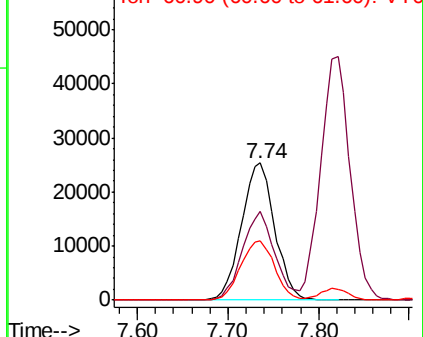
97 100

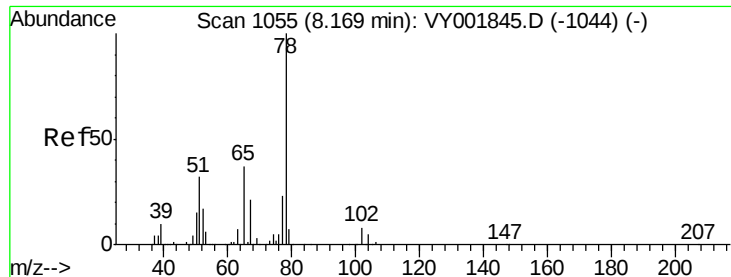
99 63.6 52.0 78.0

61 44.6 35.0 52.4



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

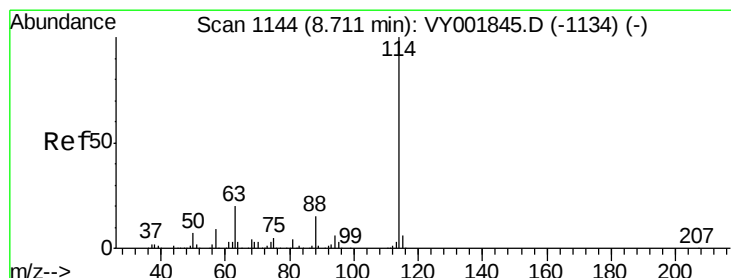
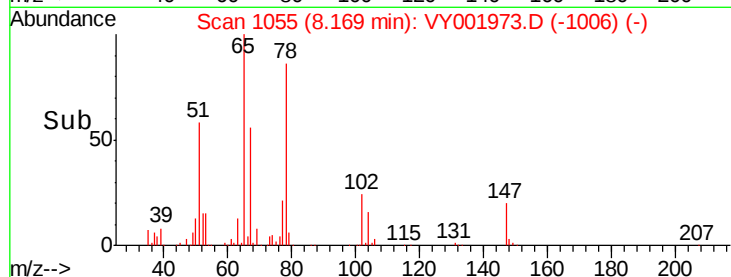
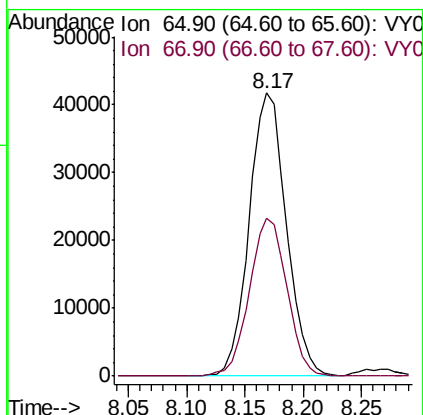
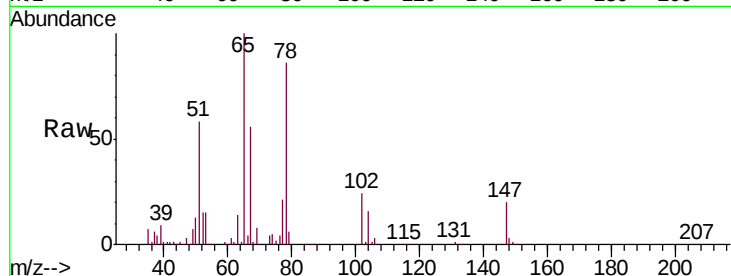




#33
 1,2-Dichloroethane-d4
 Concen: 50.046 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: VY001973.D
 Acq: 16 Mar 2020 11:32

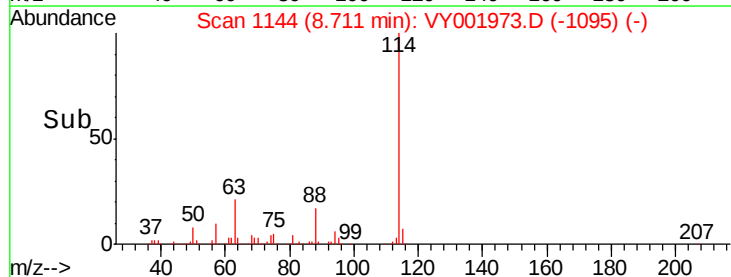
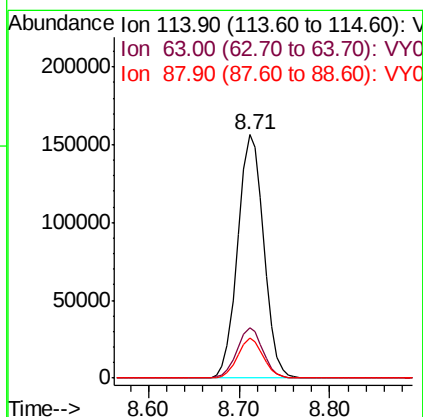
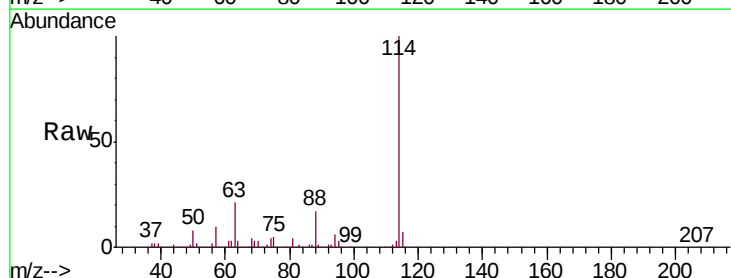
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0316SBS01

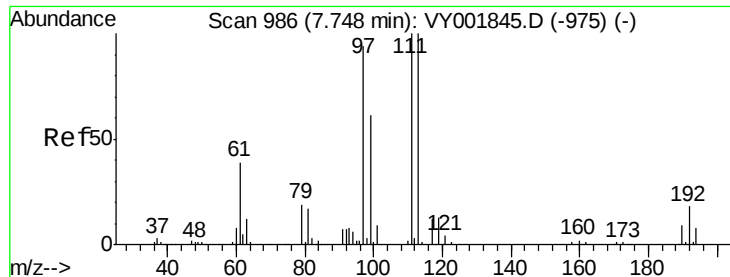
Tgt Ion: 65 Resp: 92489
 Ion Ratio Lower Upper
 65 100
 67 56.1 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY001973.D
 Acq: 16 Mar 2020 11:32

Tgt Ion: 114 Resp: 310219
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.4
 88 16.6 0.0 30.4

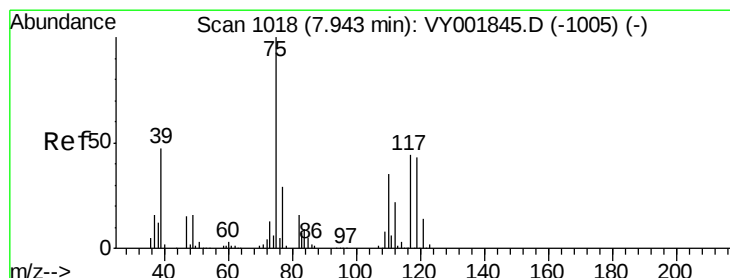
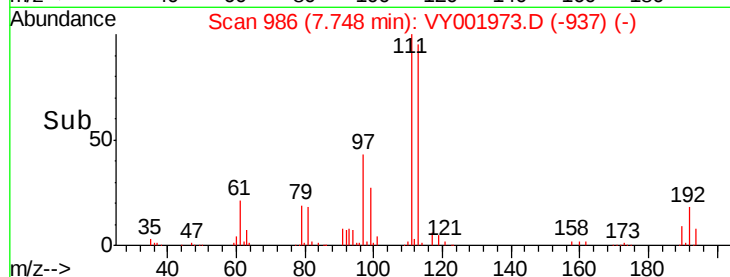
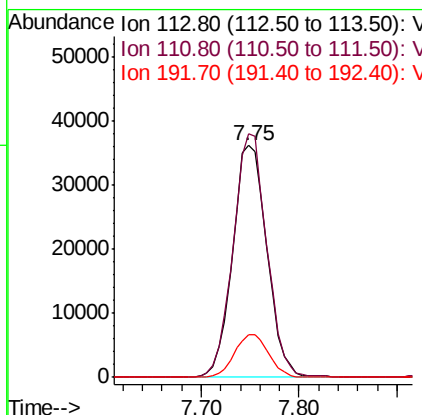
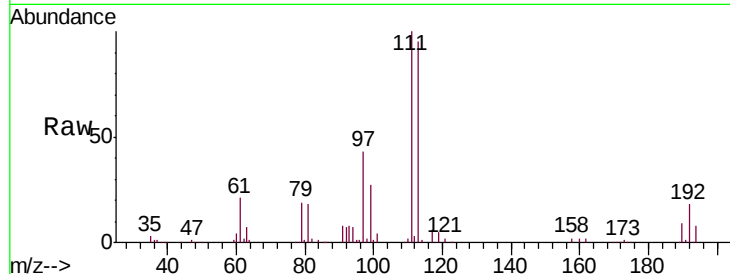




#35
 Dibromofluoromethane
 Concen: 52.131 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: VY001973.D
 Acq: 16 Mar 2020 11:32

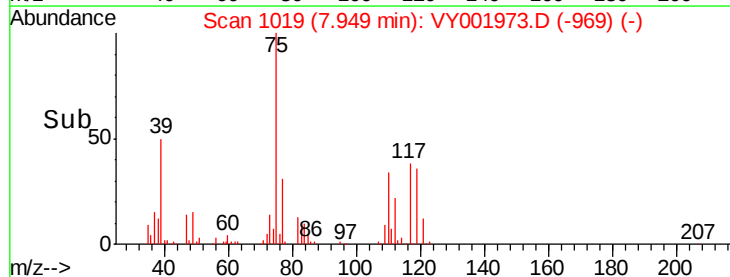
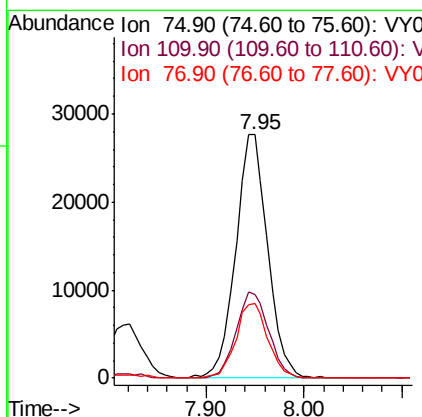
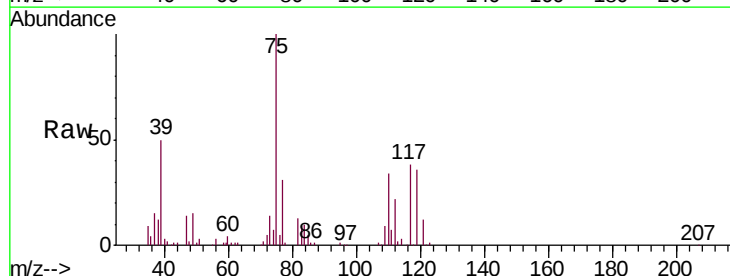
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0316SBS01

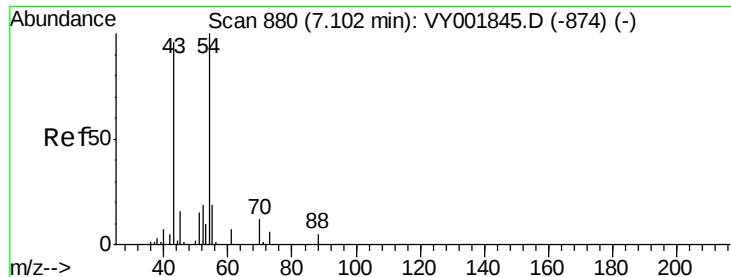
Tgt Ion:113 Resp: 88307
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.8 122.8
 192 18.6 14.2 21.2



#36
 1,1-Dichloropropene
 Concen: 20.975 ug/l
 RT: 7.95 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VY001973.D
 Acq: 16 Mar 2020 11:32

Tgt Ion: 75 Resp: 62616
 Ion Ratio Lower Upper
 75 100
 110 35.9 17.4 52.2
 77 31.0 24.2 36.2

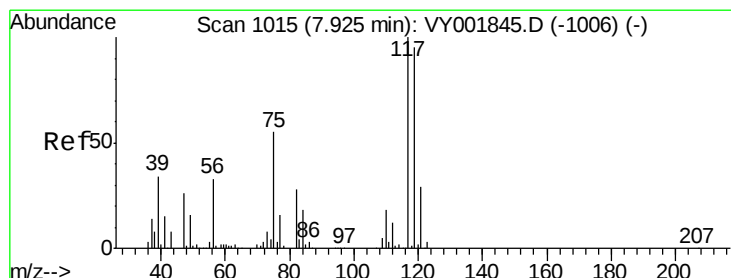
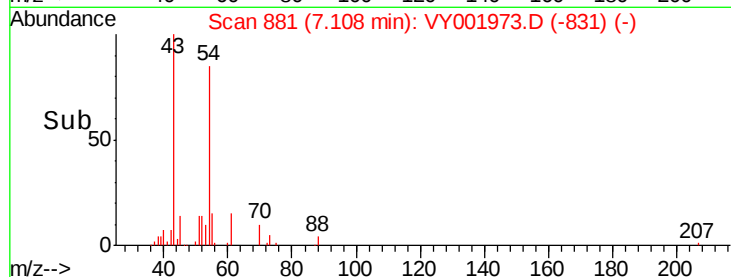
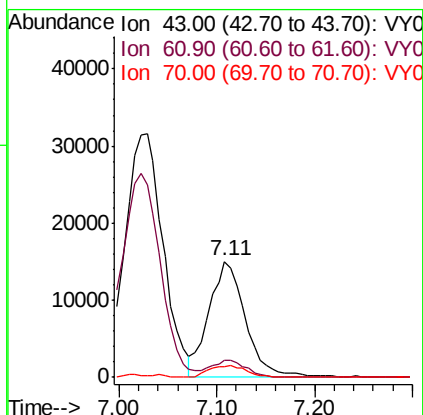
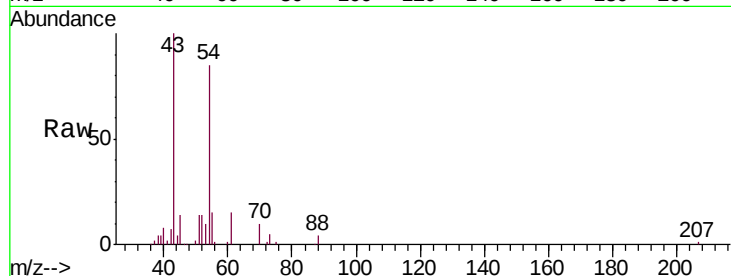




#37
Ethyl Acetate
Concen: 22.200 ug/l
RT: 7.11 min Scan# 881
Delta R.T. 0.01 min
Lab File: VY001973.D
Acq: 16 Mar 2020 11:32

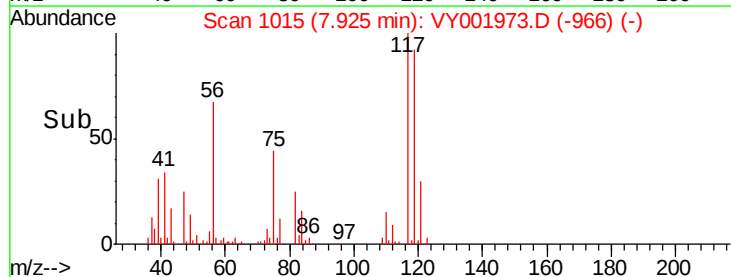
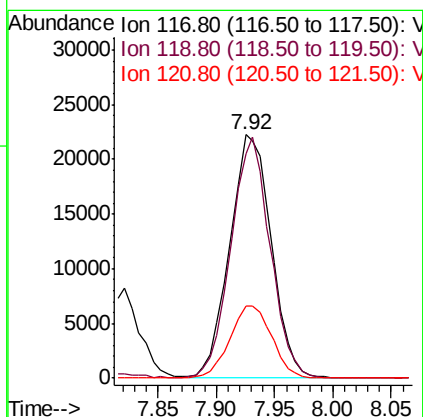
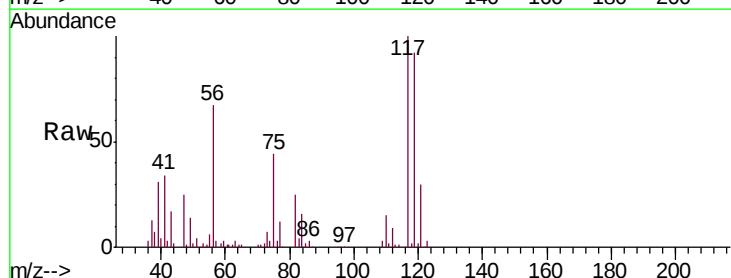
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

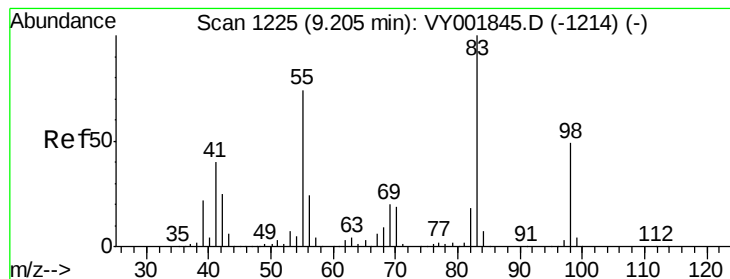
Tgt Ion: 43 Resp: 38517
Ion Ratio Lower Upper
43 100
61 14.1 11.1 16.7
70 10.7 8.2 12.4



#38
Carbon Tetrachloride
Concen: 21.726 ug/l
RT: 7.92 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY001973.D
Acq: 16 Mar 2020 11:32

Tgt Ion: 117 Resp: 55405
Ion Ratio Lower Upper
117 100
119 92.1 76.3 114.5
121 29.6 23.5 35.3

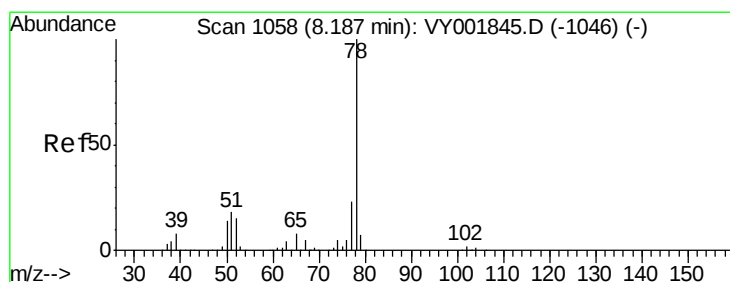
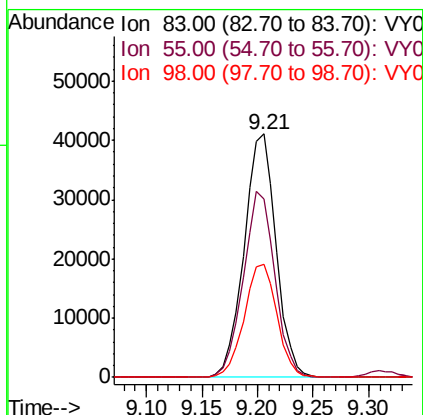
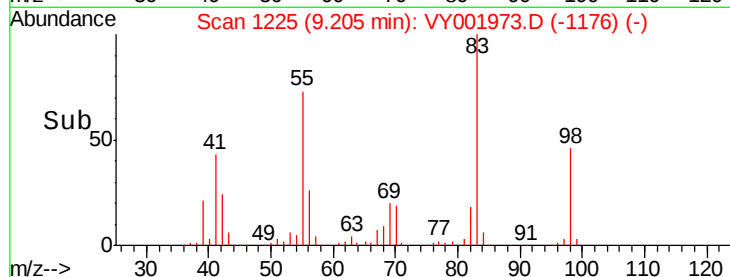
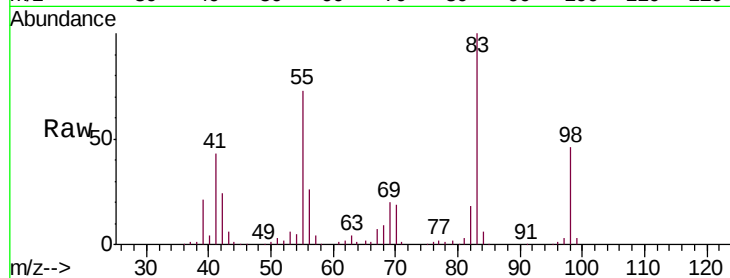




#39
Methylcyclohexane
Concen: 20.693 ug/l
RT: 9.21 min Scan# 1225
Delta R.T. 0.00 min
Lab File: VY001973.D
Acq: 16 Mar 2020 11:32

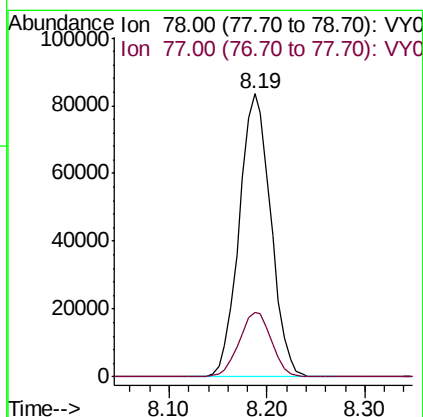
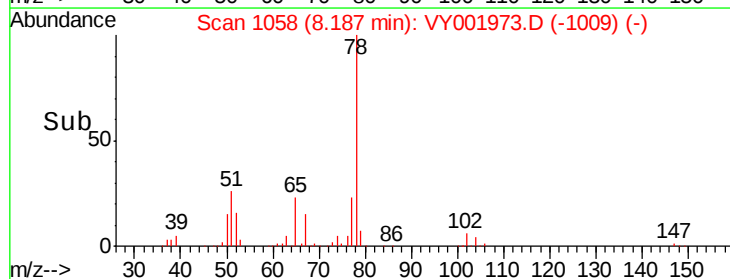
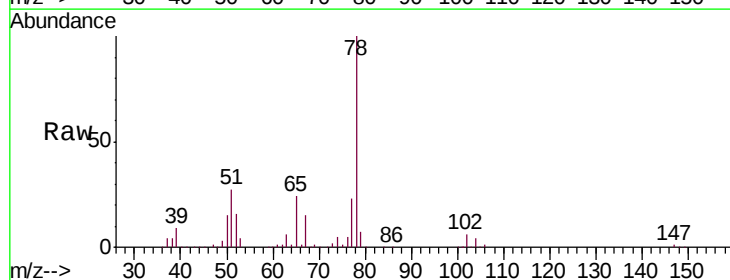
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

Tgt Ion: 83 Resp: 81934
Ion Ratio Lower Upper
83 100
55 73.1 59.4 89.0
98 46.5 38.9 58.3



#40
Benzene
Concen: 21.098 ug/l
RT: 8.19 min Scan# 1058
Delta R.T. 0.00 min
Lab File: VY001973.D
Acq: 16 Mar 2020 11:32

Tgt Ion: 78 Resp: 186678
Ion Ratio Lower Upper
78 100
77 23.0 18.7 28.1





#41

Methacrylonitrile

Concen: 64.467 ug/l

RT: 7.38 min Scan# 926

Delta R.T. 0.04 min

Lab File: VY001973.D

Acq: 16 Mar 2020 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0316SBS01

Tgt Ion: 41 Resp: 50338

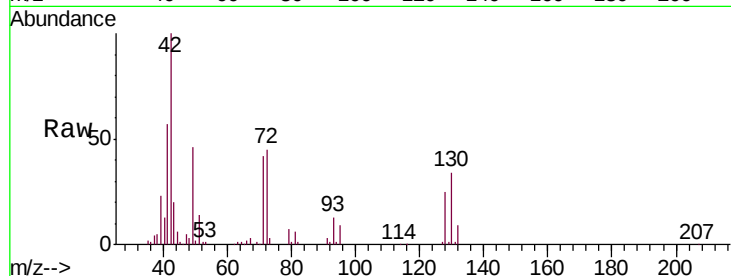
Ion Ratio Lower Upper

41 100

39 0.0 111.7 167.5#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

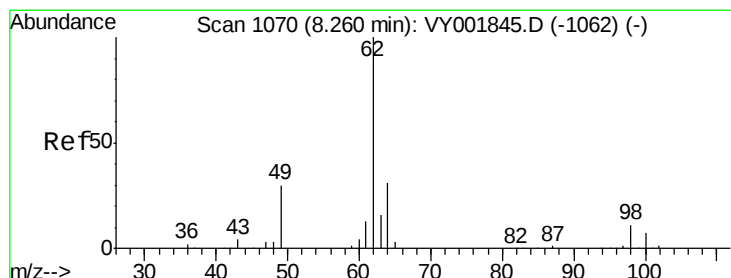
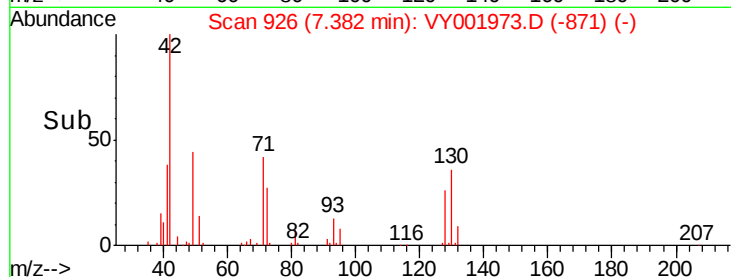
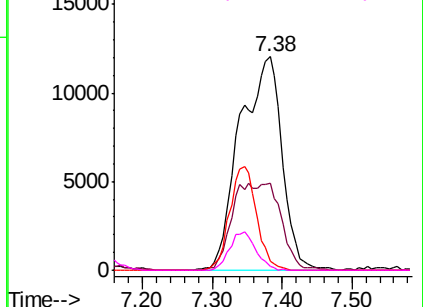


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 21.175 ug/l

RT: 8.27 min Scan# 1071

Delta R.T. 0.01 min

Lab File: VY001973.D

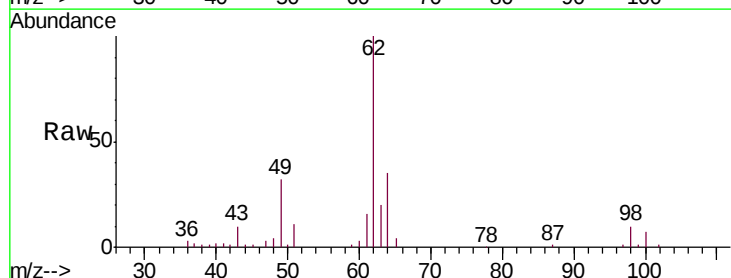
Acq: 16 Mar 2020 11:32

Tgt Ion: 62 Resp: 48280

Ion Ratio Lower Upper

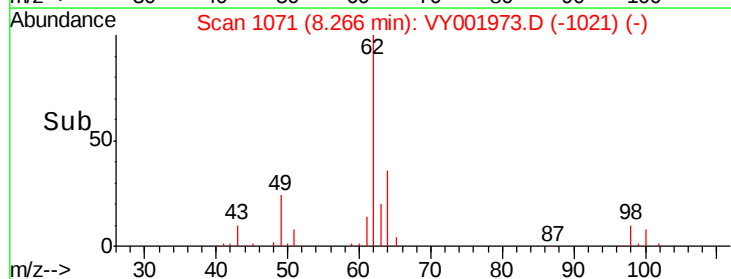
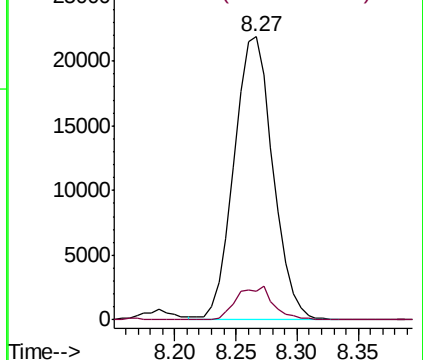
62 100

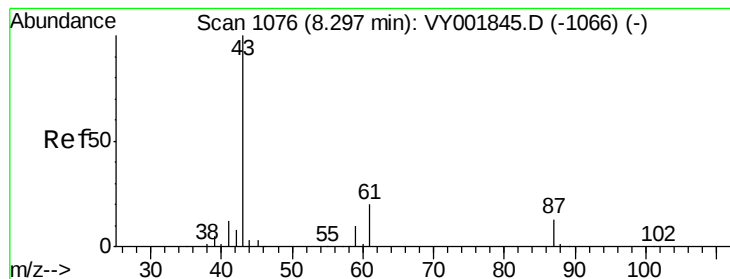
98 11.3 0.0 21.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 20.944 ug/l

RT: 8.30 min Scan# 1076

Delta R.T. 0.00 min

Lab File: VY001973.D

Acq: 16 Mar 2020 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0316SBS01

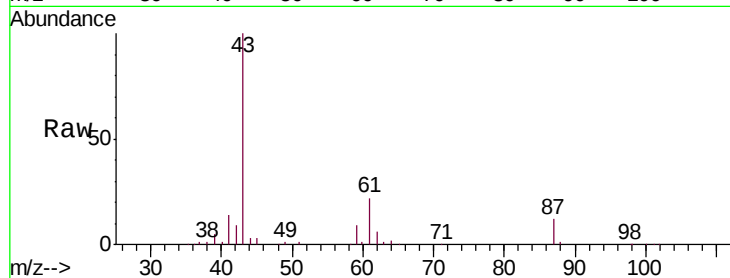
Tgt Ion: 43 Resp: 68799

Ion Ratio Lower Upper

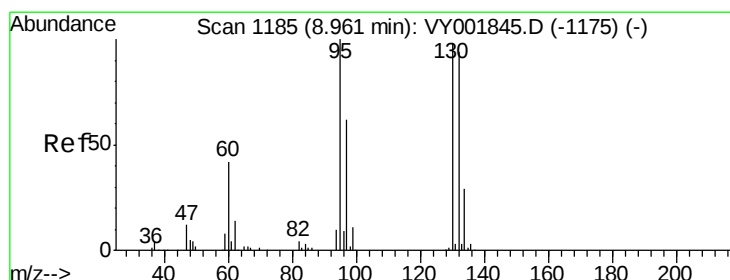
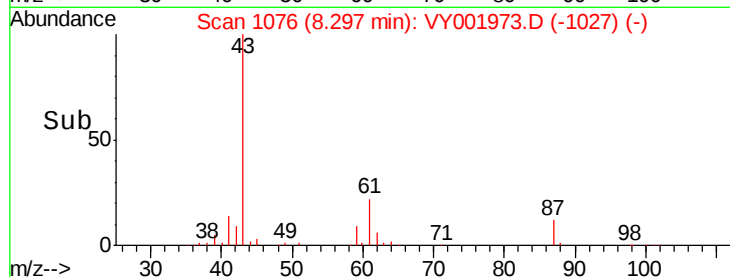
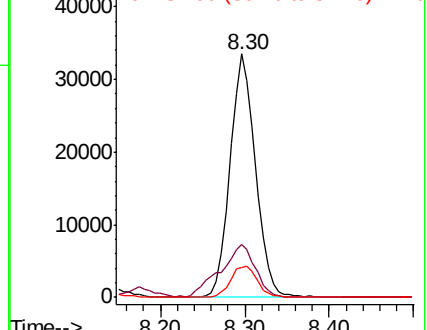
43 100

61 29.9 23.8 35.6

87 13.3 10.9 16.3



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: 21.363 ug/l

RT: 8.96 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VY001973.D

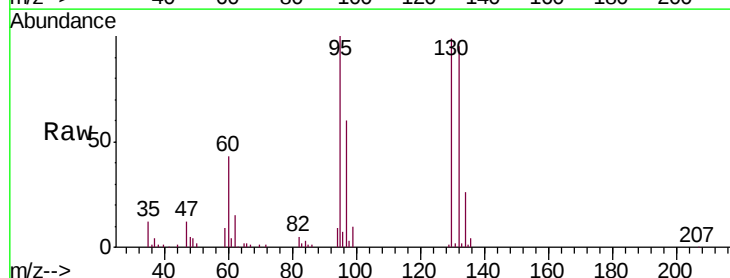
Acq: 16 Mar 2020 11:32

Tgt Ion:130 Resp: 46035

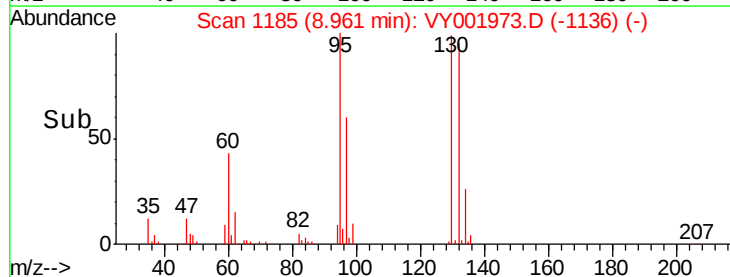
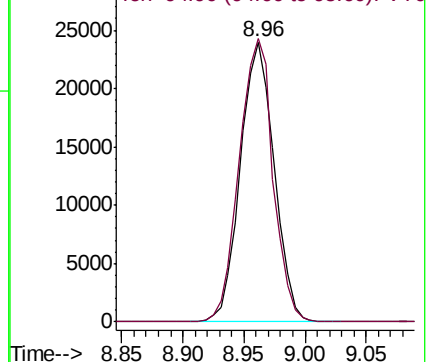
Ion Ratio Lower Upper

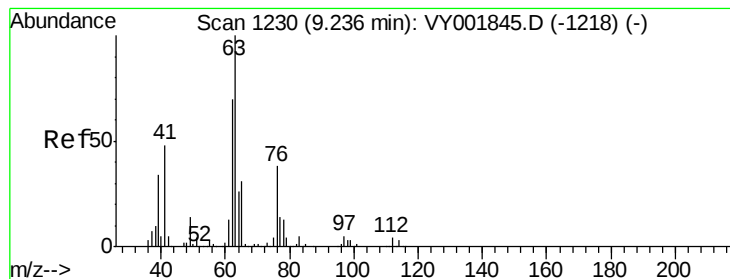
130 100

95 101.2 0.0 204.6



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





#45

1,2-Dichloropropane

Concen: 21.145 ug/l

RT: 9.24 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VY001973.D

Acq: 16 Mar 2020 11:32

Instrument :

MSVOA_Y

ClientSampleId :

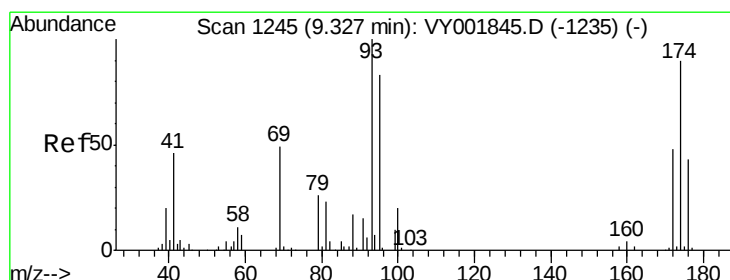
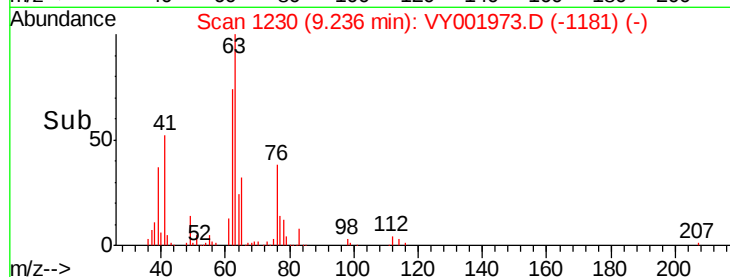
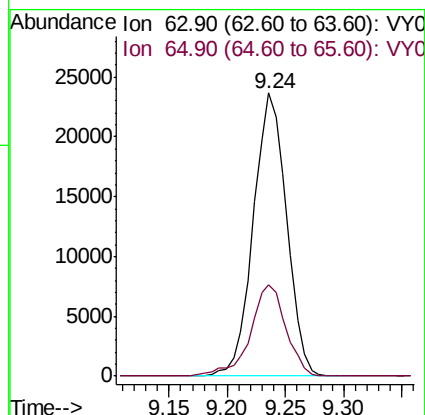
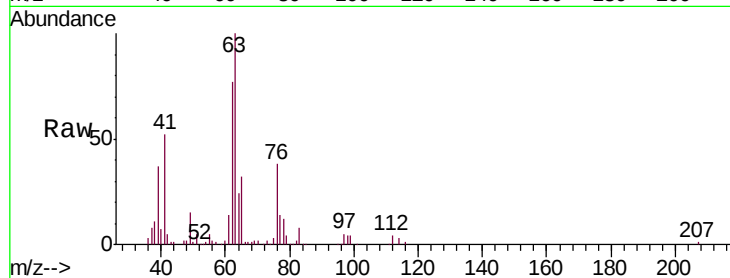
VY0316SBS01

Tgt Ion: 63 Resp: 47033

Ion Ratio Lower Upper

63 100

65 32.4 24.9 37.3



#46

Dibromomethane

Concen: 21.337 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. -0.01 min

Lab File: VY001973.D

Acq: 16 Mar 2020 11:32

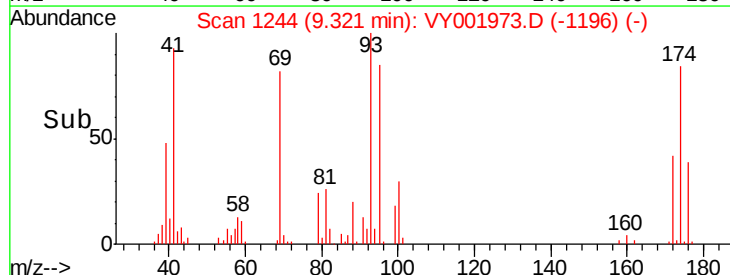
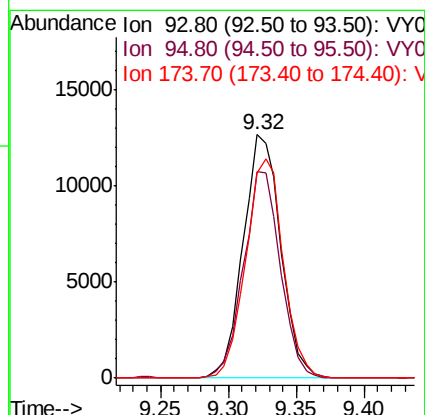
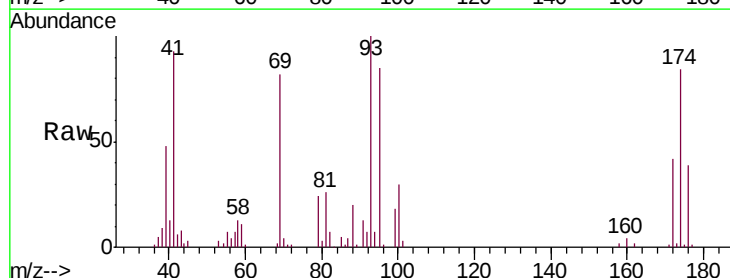
Tgt Ion: 93 Resp: 24457

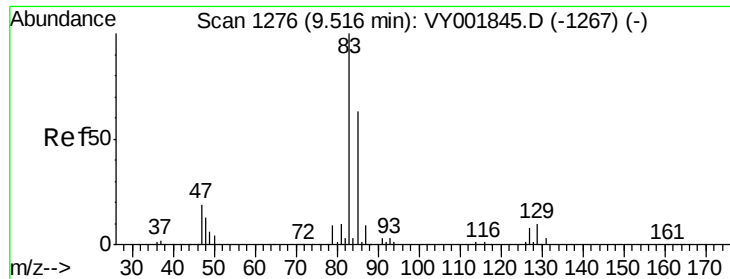
Ion Ratio Lower Upper

93 100

95 83.2 67.0 100.4

174 89.7 71.8 107.8

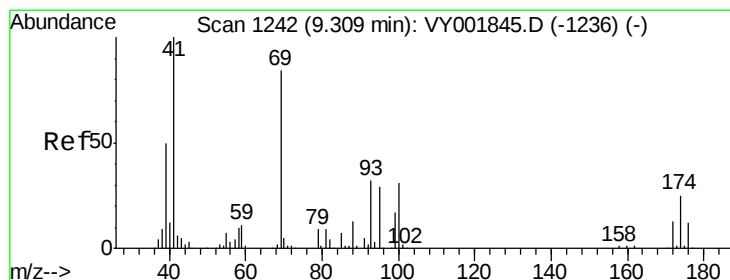
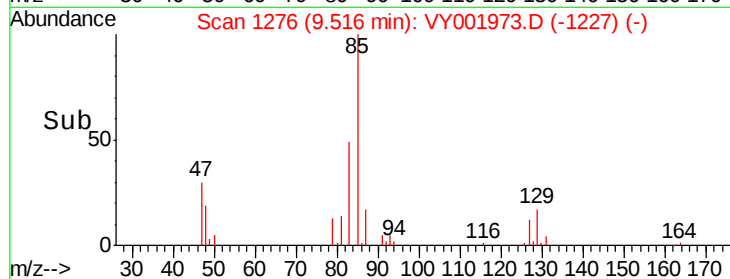
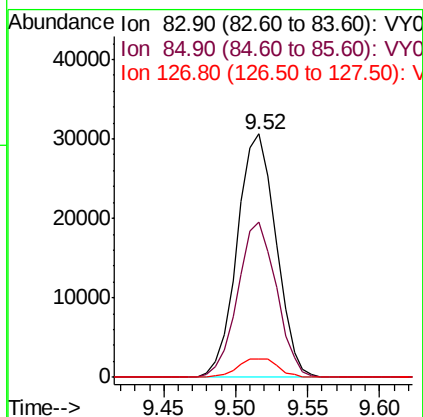
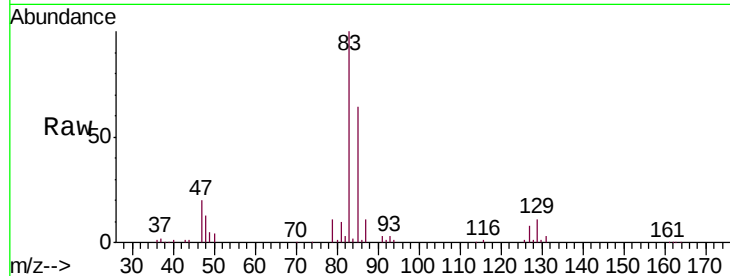




#47
 Bromodichloromethane
 Concen: 21.513 ug/l
 RT: 9.52 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VY001973.D
 Acq: 16 Mar 2020 11:32

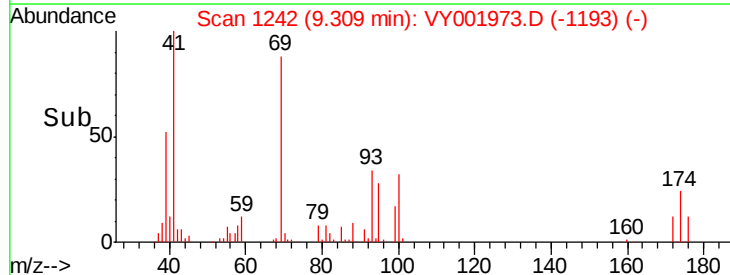
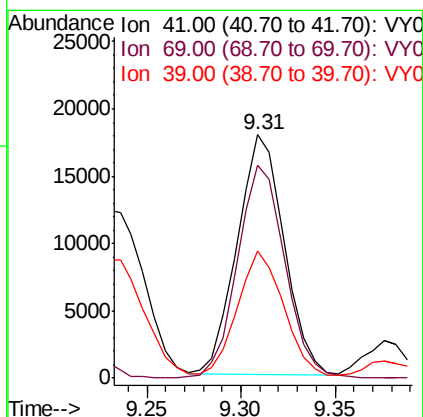
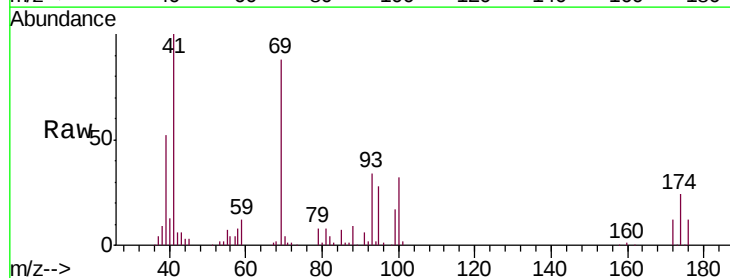
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0316SBS01

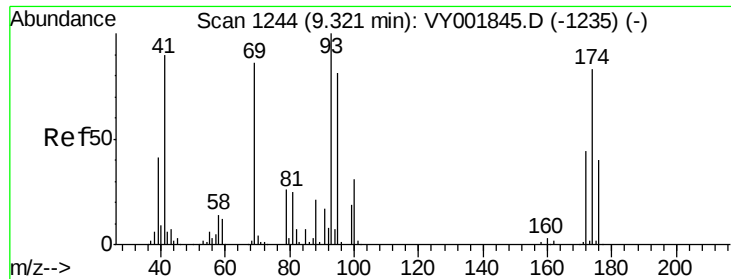
Tgt Ion: 83 Resp: 57361
 Ion Ratio Lower Upper
 83 100
 85 63.9 50.6 76.0
 127 7.5 6.2 9.4



#48
 Methyl methacrylate
 Concen: 21.096 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY001973.D
 Acq: 16 Mar 2020 11:32

Tgt Ion: 41 Resp: 30750
 Ion Ratio Lower Upper
 41 100
 69 90.0 69.0 103.6
 39 53.2 39.1 58.7





#49

1,4-Dioxane

Concen: 417.031 ug/l

RT: 9.31 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VY001973.D

Acq: 16 Mar 2020 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0316SBS01

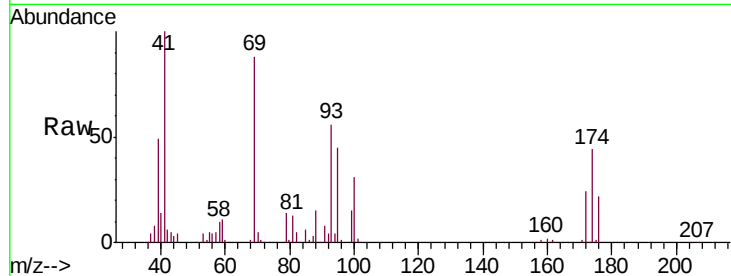
Tgt Ion: 88 Resp: 6550

Ion Ratio Lower Upper

88 100

43 29.2 25.0 37.6

58 66.0 58.9 88.3

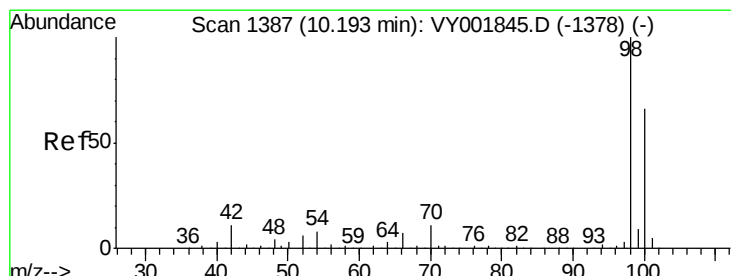
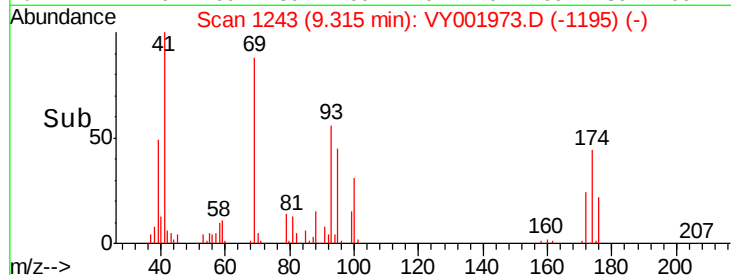
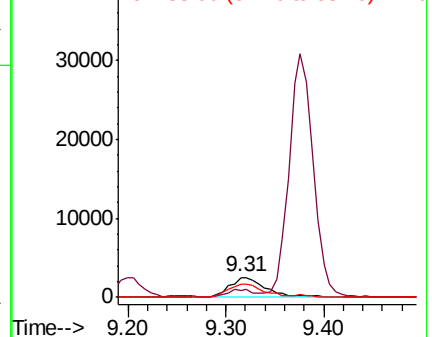


Abundance

Ion 88.00 (87.70 to 88.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#50

Toluene-d8

Concen: 50.301 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001973.D

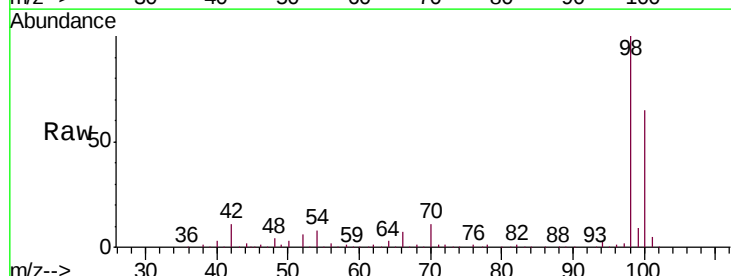
Acq: 16 Mar 2020 11:32

Tgt Ion: 98 Resp: 359304

Ion Ratio Lower Upper

98 100

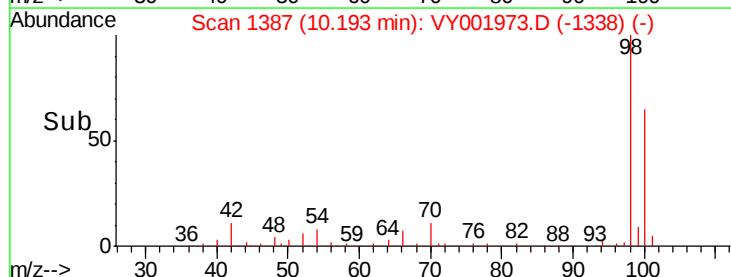
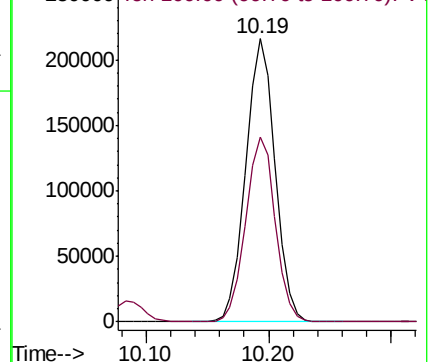
100 65.8 53.0 79.4

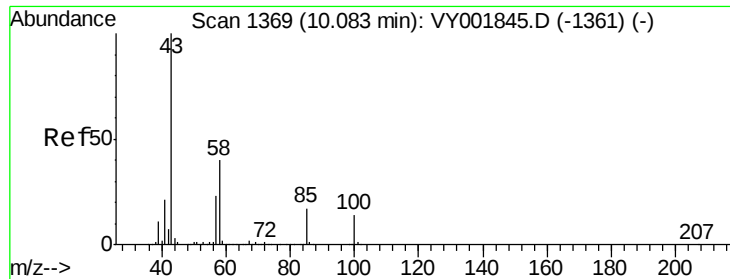


Abundance

Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

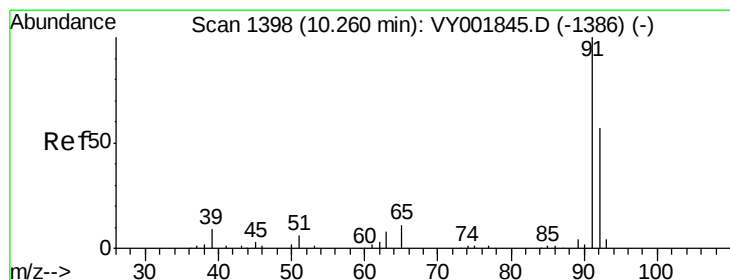
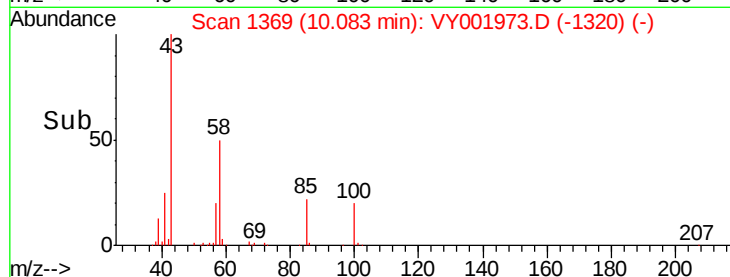
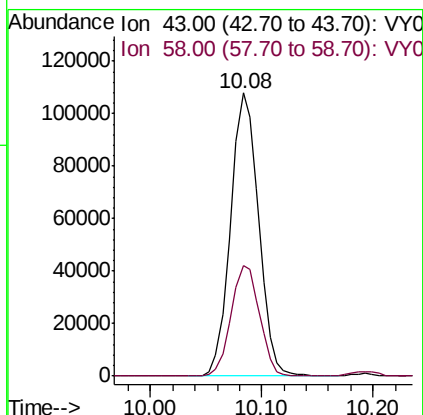
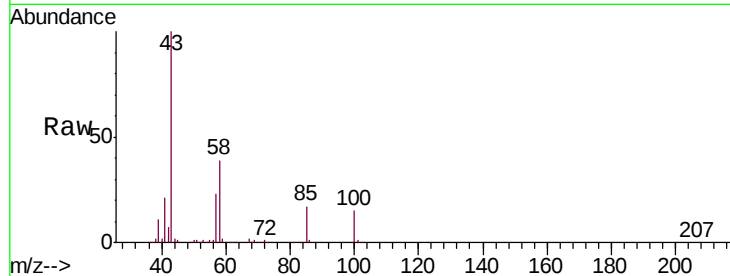




#51
 4-Methyl-2-Pentanone
 Concen: 110.773 ug/l
 RT: 10.08 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: VY001973.D
 Acq: 16 Mar 2020 11:32

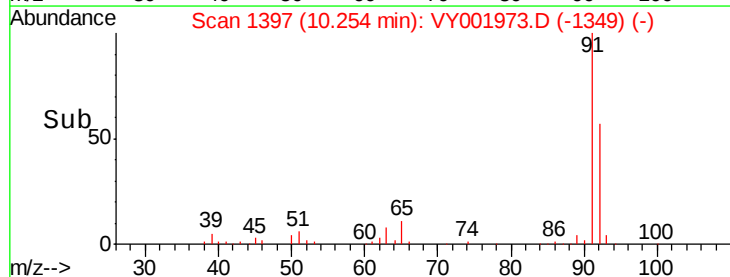
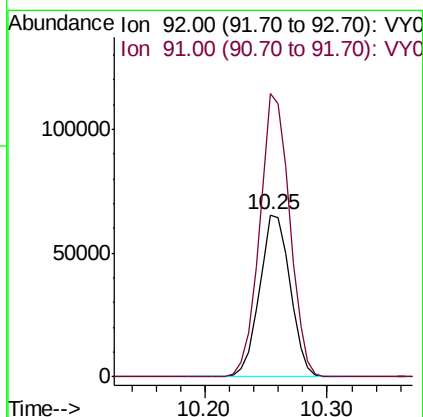
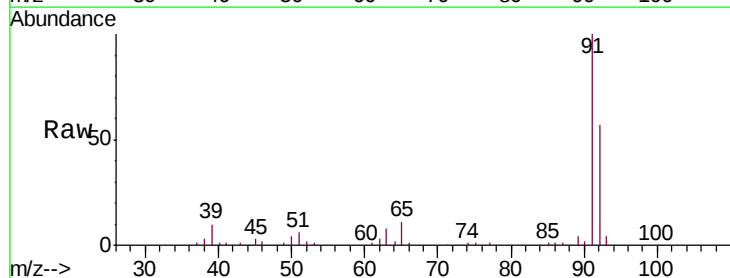
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0316SBS01

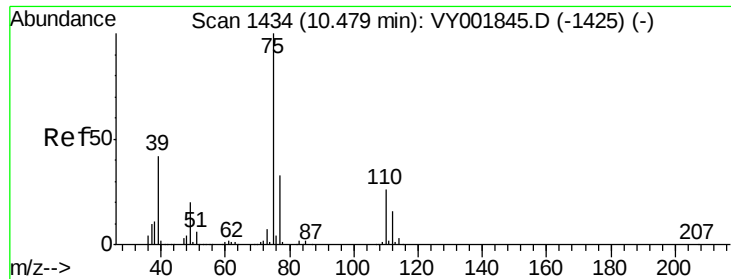
Tgt Ion: 43 Resp: 187423
 Ion Ratio Lower Upper
 43 100
 58 39.9 32.0 48.0



#52
 Toluene
 Concen: 21.363 ug/l
 RT: 10.25 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: VY001973.D
 Acq: 16 Mar 2020 11:32

Tgt Ion: 92 Resp: 114832
 Ion Ratio Lower Upper
 92 100
 91 170.6 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 22.149 ug/l

RT: 10.48 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VY001973.D

Acq: 16 Mar 2020 11:32

Instrument :

MSVOA_Y

ClientSampleId :

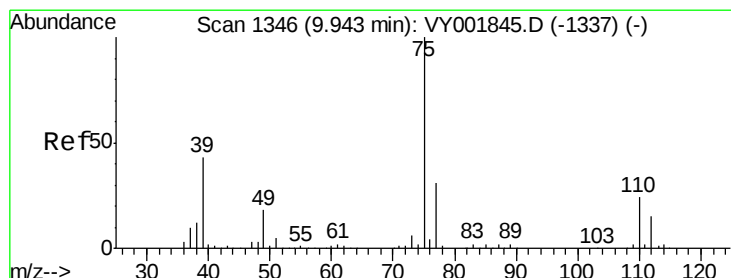
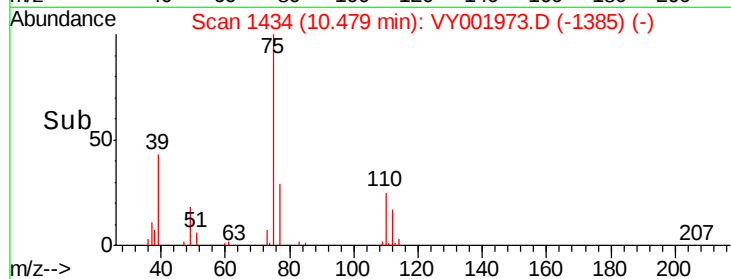
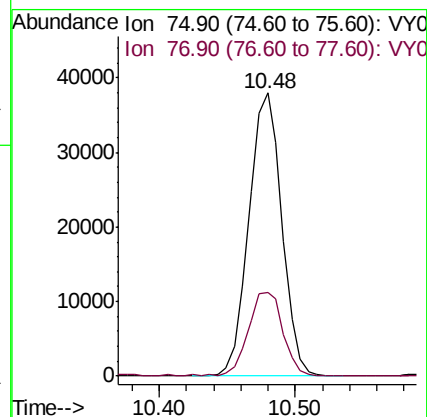
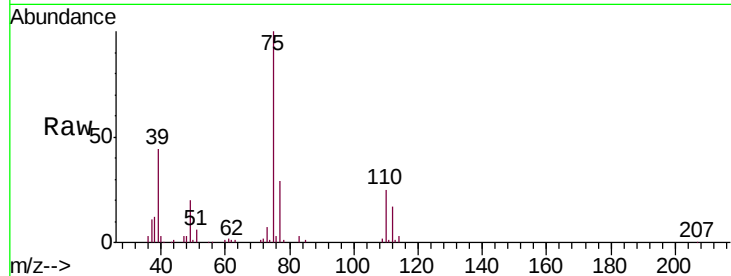
VY0316SBS01

Tgt Ion: 75 Resp: 64342

Ion Ratio Lower Upper

75 100

77 29.2 26.3 39.5



#54

cis-1,3-Dichloropropene

Concen: 21.552 ug/l

RT: 9.94 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VY001973.D

Acq: 16 Mar 2020 11:32

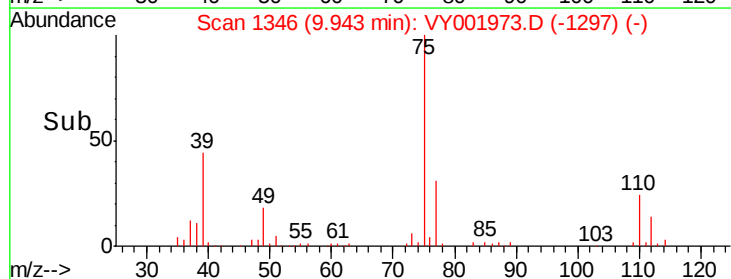
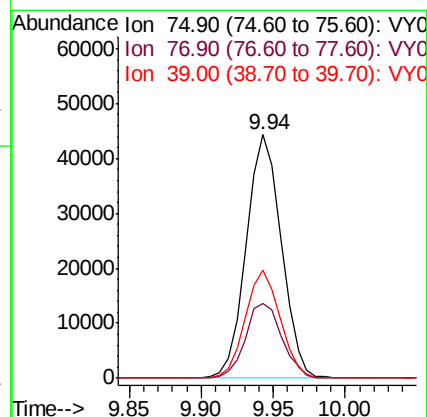
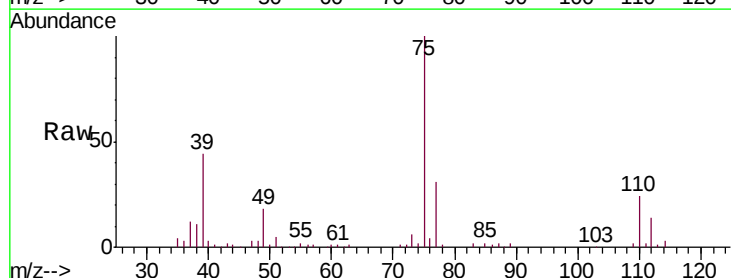
Tgt Ion: 75 Resp: 74531

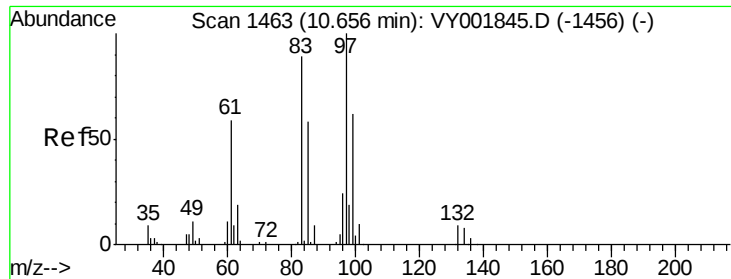
Ion Ratio Lower Upper

75 100

77 30.8 25.1 37.7

39 44.4 34.7 52.1





#55

1,1,2-Trichloroethane

Concen: 21.409 ug/l

RT: 10.66 min Scan# 1463

Delta R.T. 0.00 min

Lab File: VY001973.D

Acq: 16 Mar 2020 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0316SBS01

Tgt Ion: 97 Resp: 35913

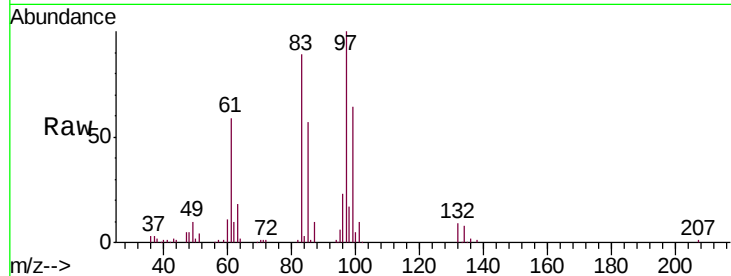
Ion Ratio Lower Upper

97 100

83 89.1 71.6 107.4

85 56.8 46.6 69.8

99 64.5 49.8 74.6

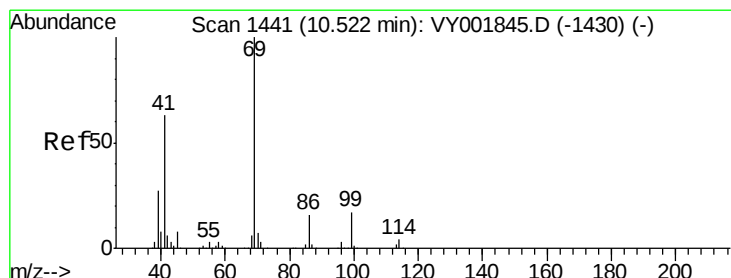
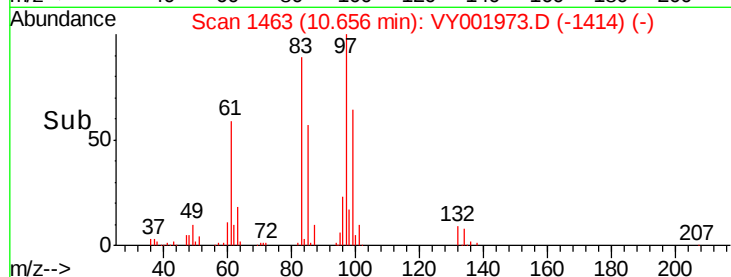
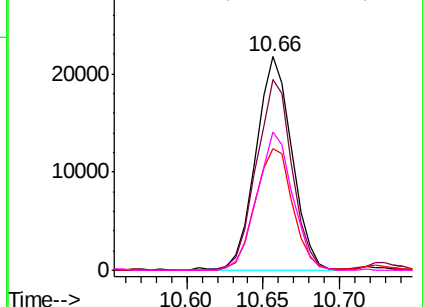


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 21.397 ug/l

RT: 10.52 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VY001973.D

Acq: 16 Mar 2020 11:32

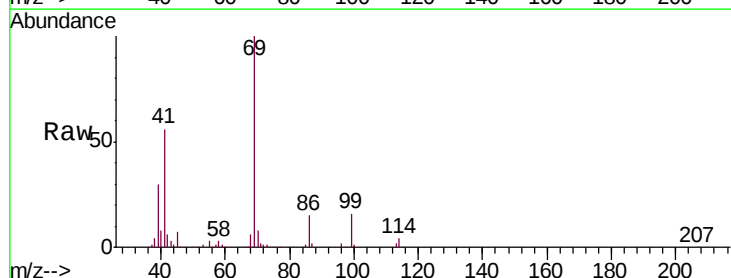
Tgt Ion: 69 Resp: 52610

Ion Ratio Lower Upper

69 100

41 62.0 49.9 74.9

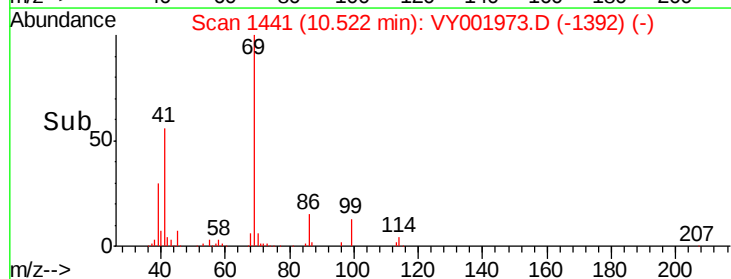
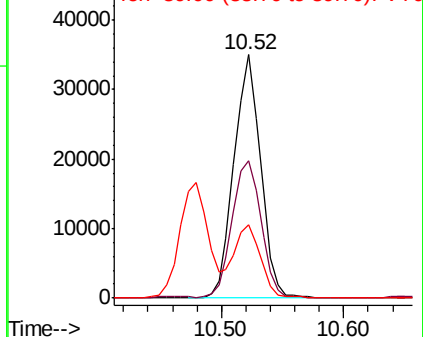
39 31.9 23.0 34.6

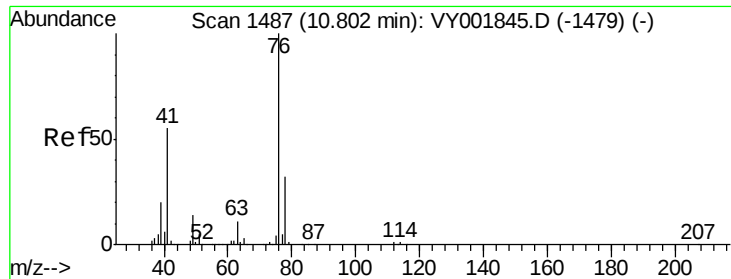


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

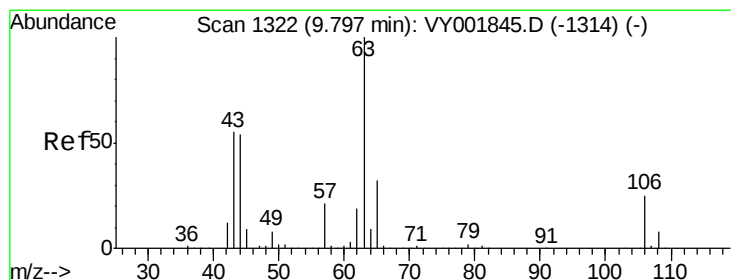
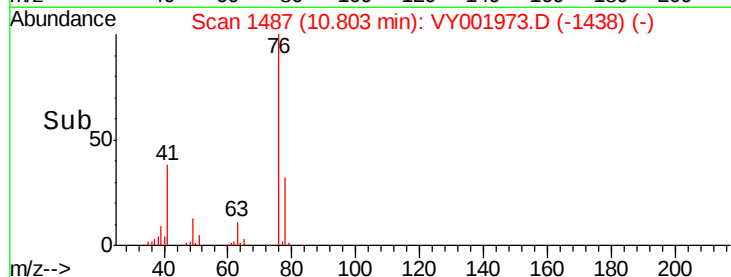
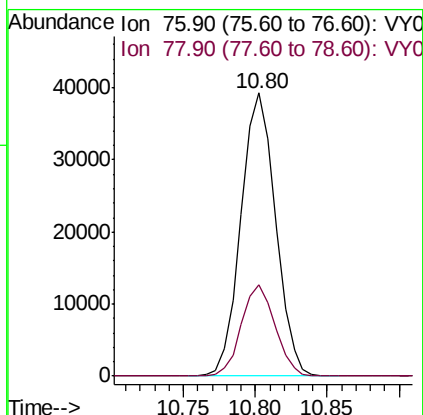
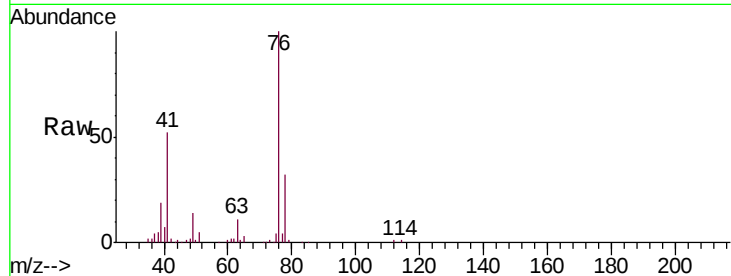




#57
 1,3-Dichloropropane
 Concen: 21.856 ug/l
 RT: 10.80 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VY001973.D
 Acq: 16 Mar 2020 11:32

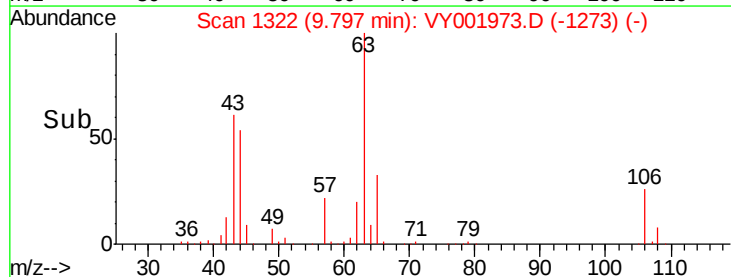
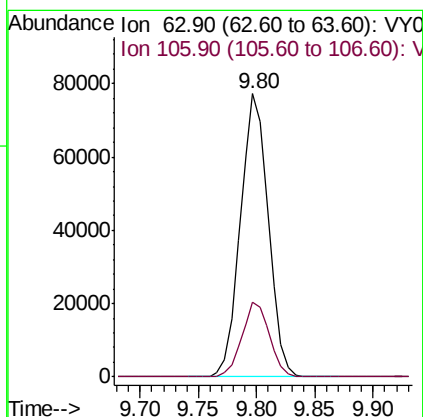
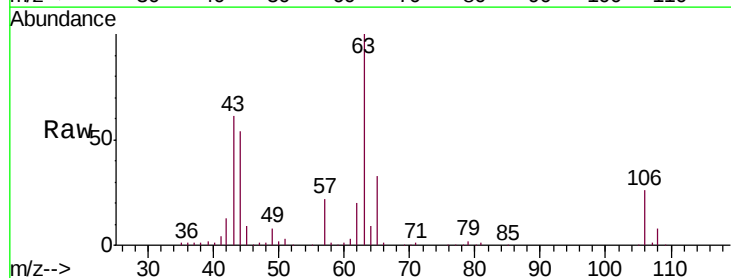
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0316SBS01

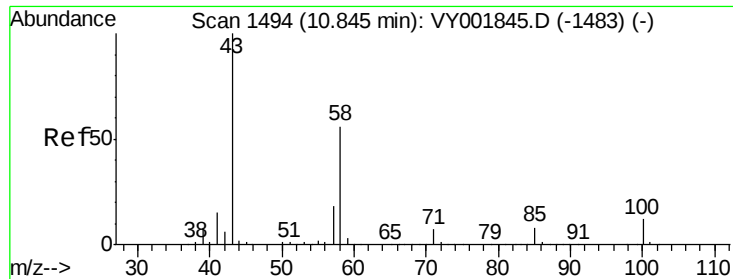
Tgt Ion: 76 Resp: 65354
 Ion Ratio Lower Upper
 76 100
 78 31.4 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 135.505 ug/l
 RT: 9.80 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VY001973.D
 Acq: 16 Mar 2020 11:32

Tgt Ion: 63 Resp: 129127
 Ion Ratio Lower Upper
 63 100
 106 26.0 21.3 31.9

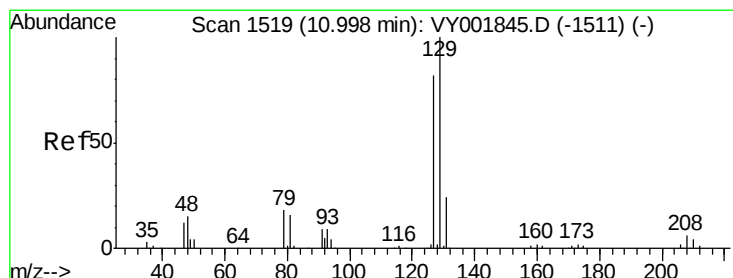
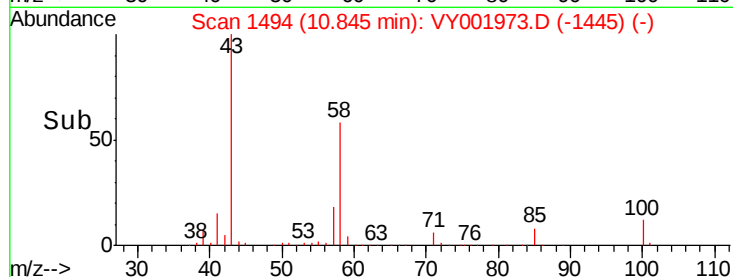
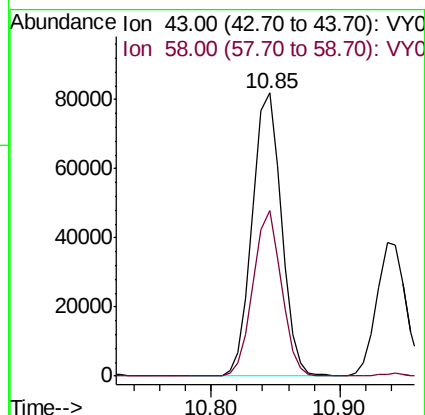
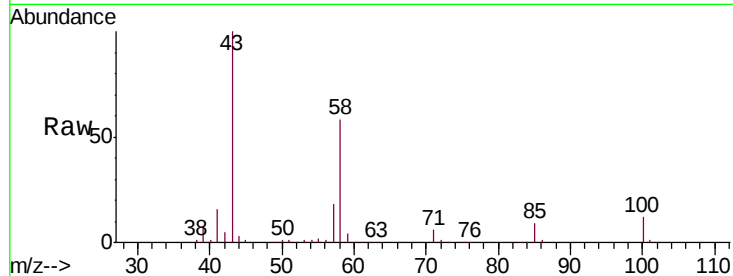




#59
2-Hexanone
Concen: 106.244 ug/l
RT: 10.85 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VY001973.D
Acq: 16 Mar 2020 11:32

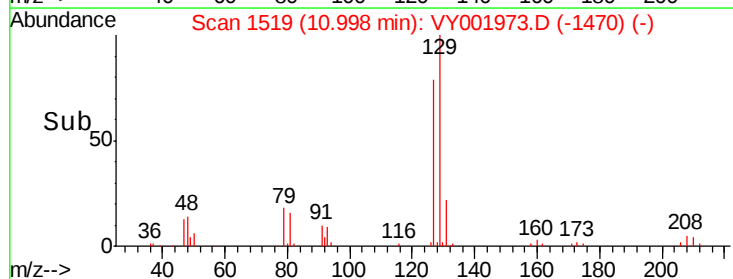
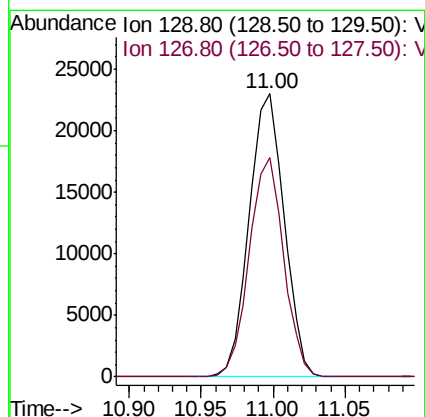
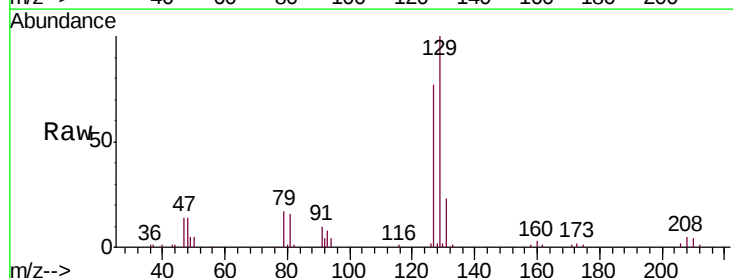
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

Tgt Ion: 43 Resp: 128305
Ion Ratio Lower Upper
43 100
58 56.9 28.1 84.3



#60
Dibromochloromethane
Concen: 21.925 ug/l
RT: 11.00 min Scan# 1519
Delta R.T. 0.00 min
Lab File: VY001973.D
Acq: 16 Mar 2020 11:32

Tgt Ion: 129 Resp: 38756
Ion Ratio Lower Upper
129 100
127 75.8 39.0 117.0

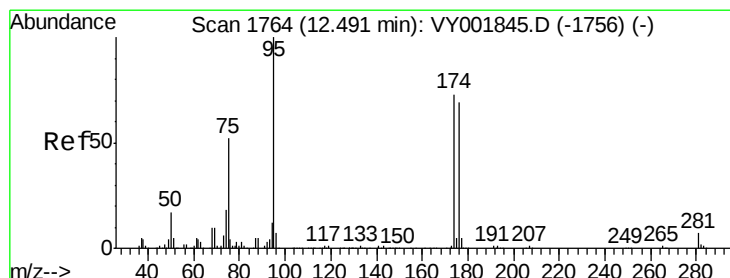
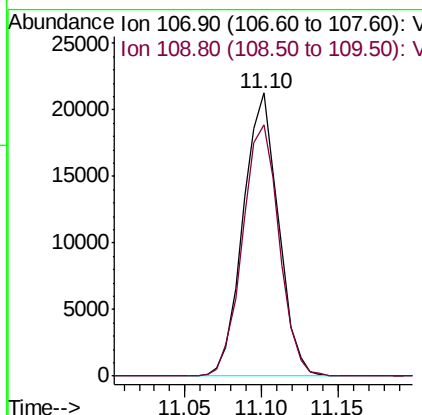
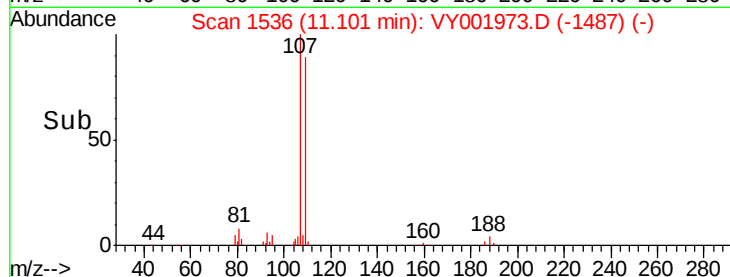
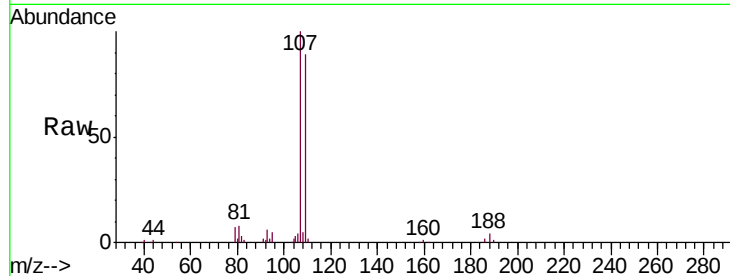




#61
 1,2-Dibromoethane
 Concen: 21.462 ug/l
 RT: 11.10 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: VY001973.D
 Acq: 16 Mar 2020 11:32

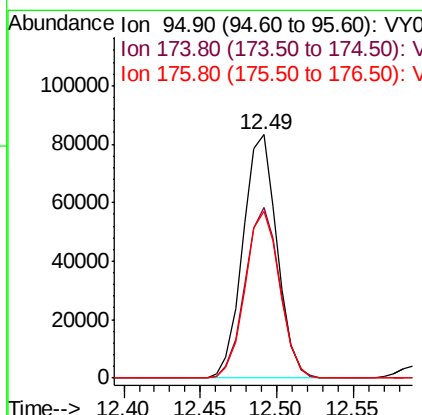
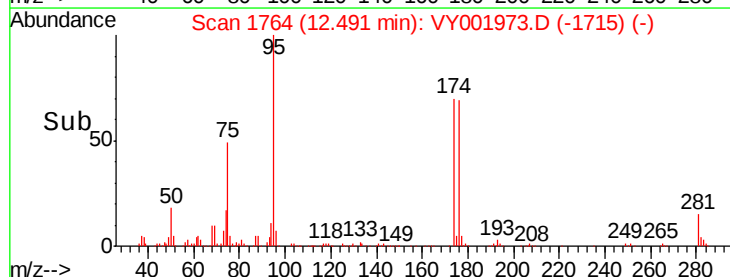
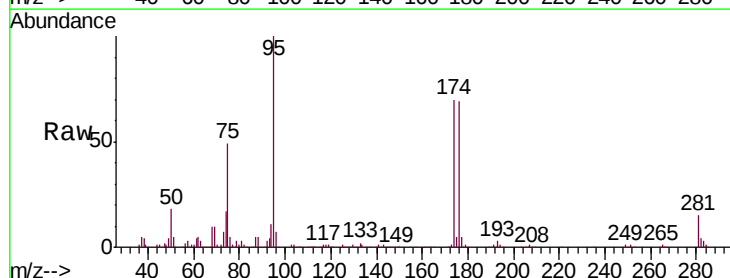
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0316SBS01

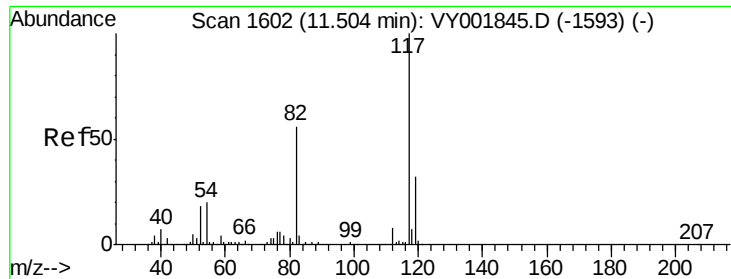
Tgt Ion: 107 Resp: 34103
 Ion Ratio Lower Upper
 107 100
 109 92.3 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 51.910 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VY001973.D
 Acq: 16 Mar 2020 11:32

Tgt Ion: 95 Resp: 128929
 Ion Ratio Lower Upper
 95 100
 174 71.3 0.0 145.0
 176 69.5 0.0 137.4

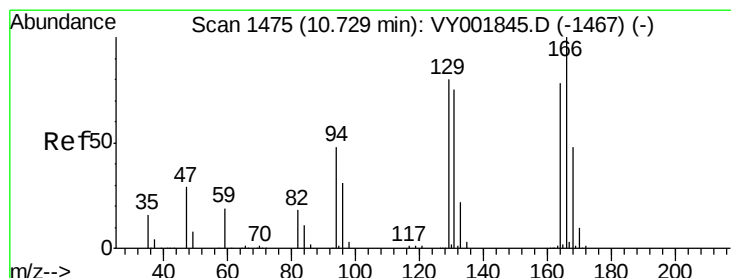
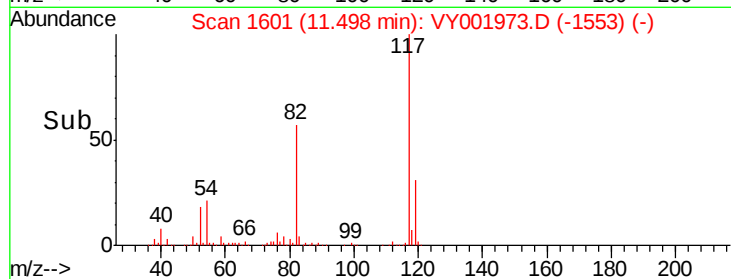
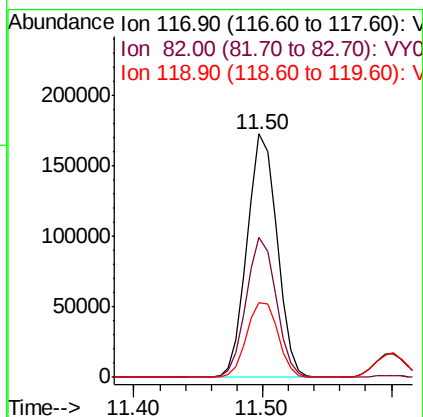
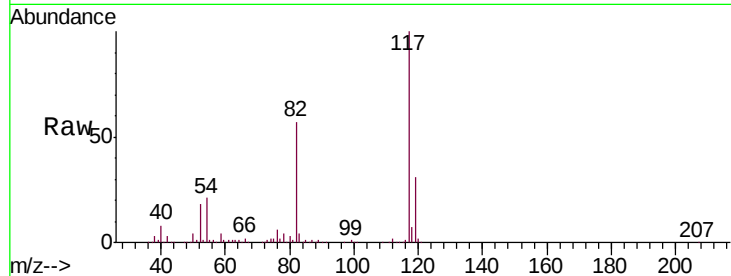




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001973.D
Acq: 16 Mar 2020 11:32

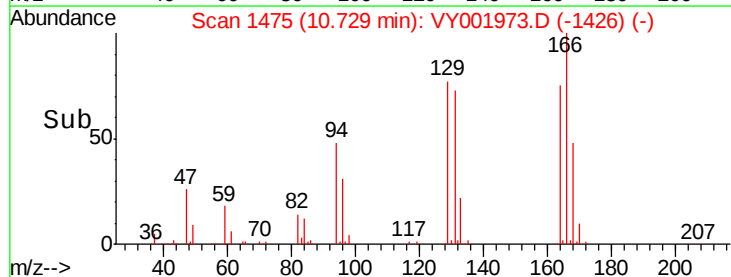
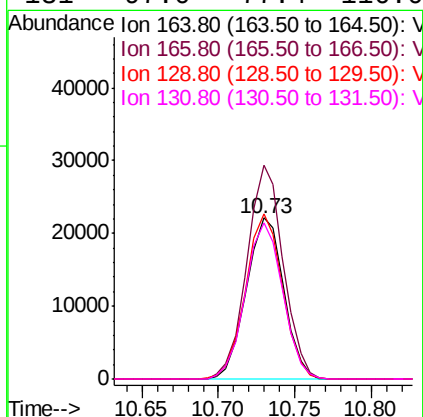
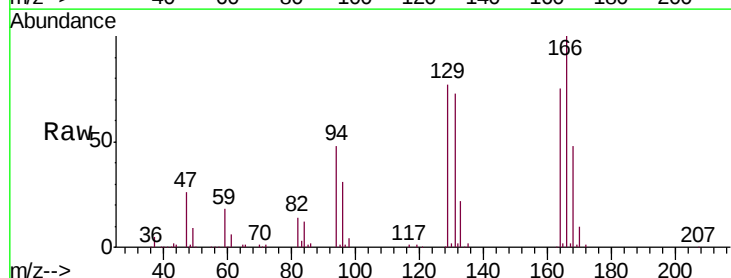
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

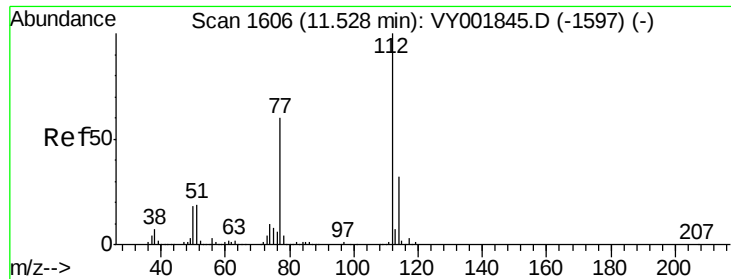
Tgt Ion:117 Resp: 277088
Ion Ratio Lower Upper
117 100
82 57.3 44.5 66.7
119 30.8 25.7 38.5



#64
Tetrachloroethene
Concen: 21.673 ug/l
RT: 10.73 min Scan# 1475
Delta R.T. 0.00 min
Lab File: VY001973.D
Acq: 16 Mar 2020 11:32

Tgt Ion:164 Resp: 37661
Ion Ratio Lower Upper
164 100
166 132.5 102.6 154.0
129 102.5 82.3 123.5
131 97.0 77.4 116.0

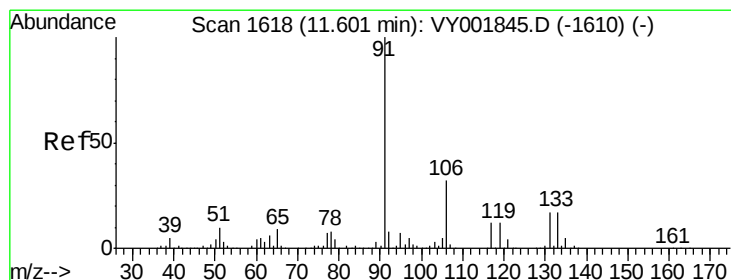
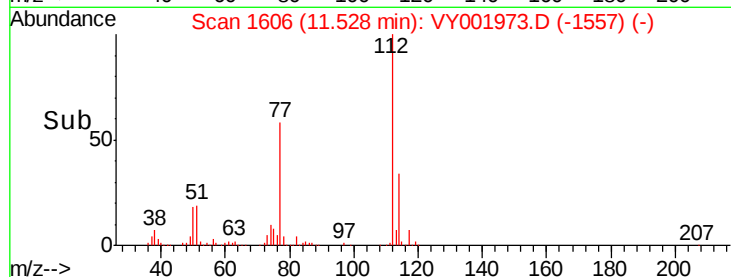
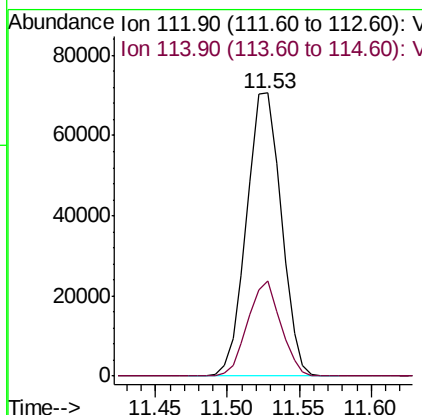
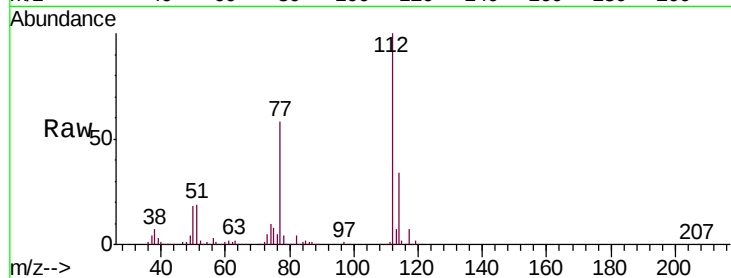




#65
Chlorobenzene
Concen: 21.383 ug/l
RT: 11.53 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VY001973.D
Acq: 16 Mar 2020 11:32

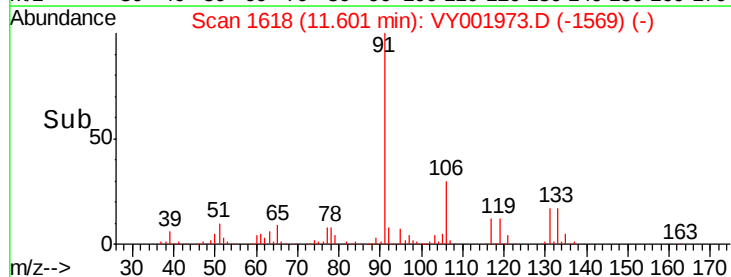
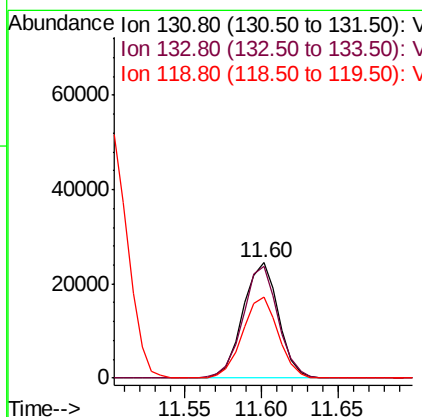
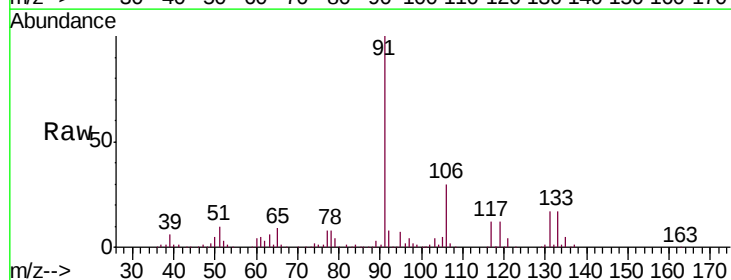
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

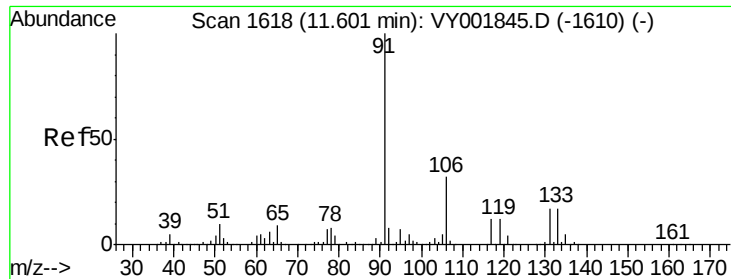
Tgt Ion:112 Resp: 118059
Ion Ratio Lower Upper
112 100
114 33.8 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 21.859 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001973.D
Acq: 16 Mar 2020 11:32

Tgt Ion:131 Resp: 39576
Ion Ratio Lower Upper
131 100
133 95.8 47.1 141.3
119 70.6 34.5 103.6

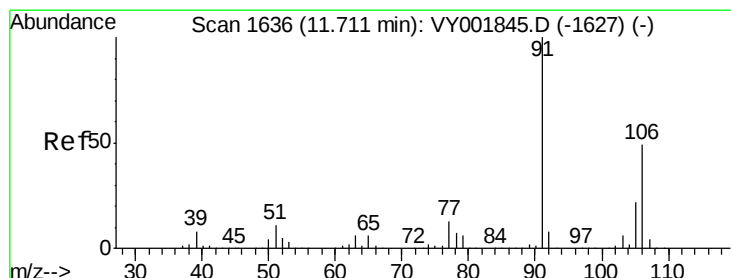
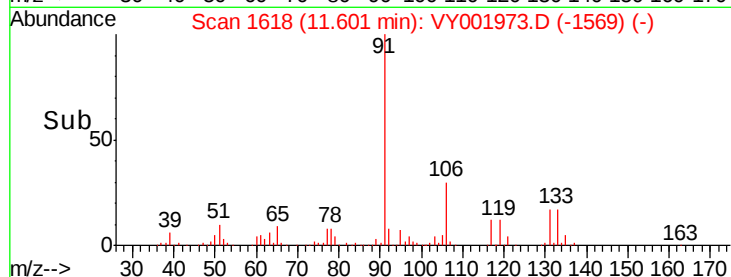
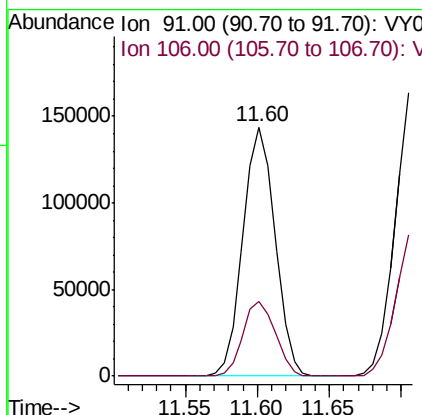
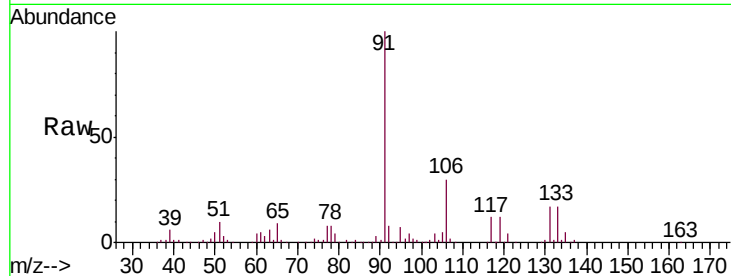




#67
Ethyl Benzene
Concen: 21.595 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VY001973.D
Acq: 16 Mar 2020 11:32

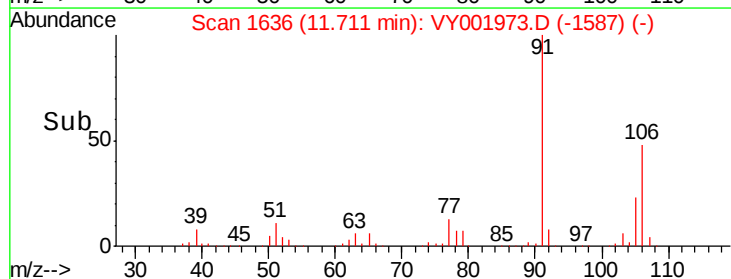
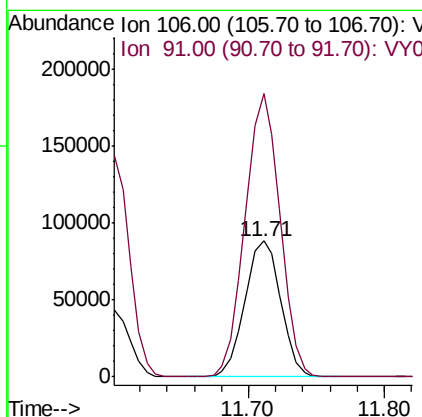
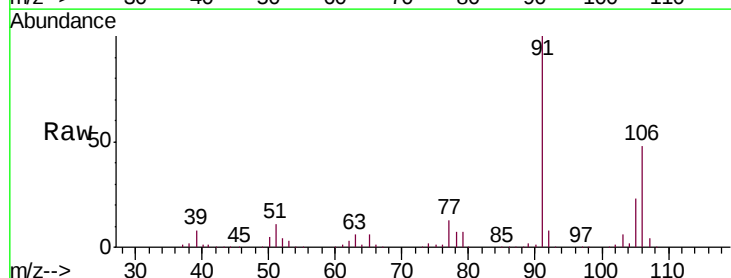
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

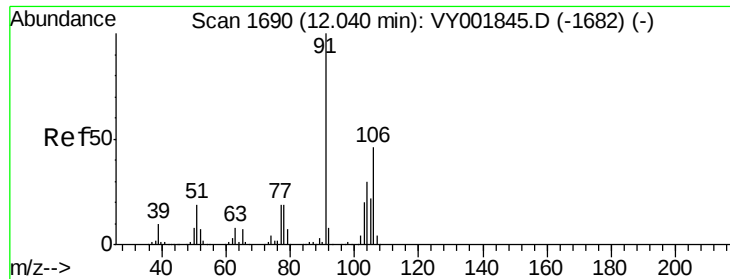
Tgt Ion: 91 Resp: 222364
Ion Ratio Lower Upper
91 100
106 30.1 25.4 38.2



#68
m/p-Xylenes
Concen: 42.933 ug/l
RT: 11.71 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VY001973.D
Acq: 16 Mar 2020 11:32

Tgt Ion: 106 Resp: 163438
Ion Ratio Lower Upper
106 100
91 202.9 161.3 241.9

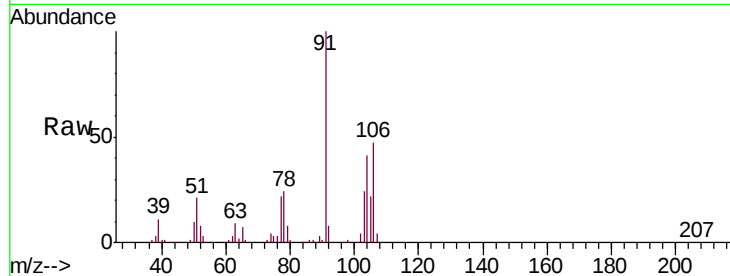




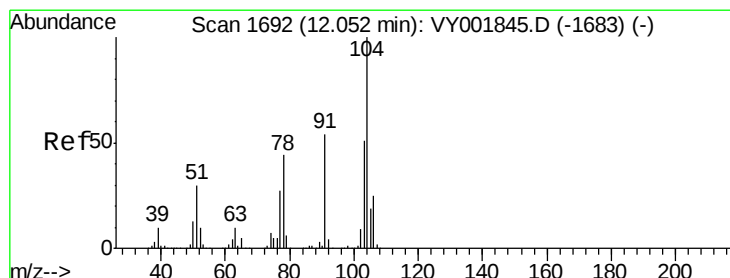
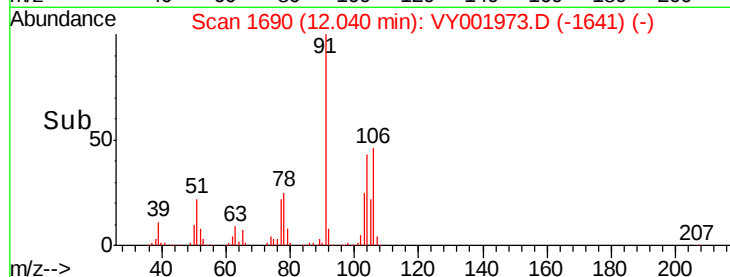
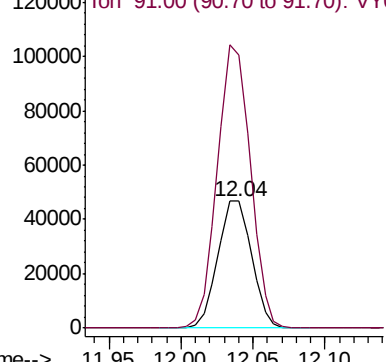
#69
o-Xylene
Concen: 21.171 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001973.D
Acq: 16 Mar 2020 11:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

Tgt Ion:106 Resp: 75964
Ion Ratio Lower Upper
106 100
91 218.4 106.8 320.4

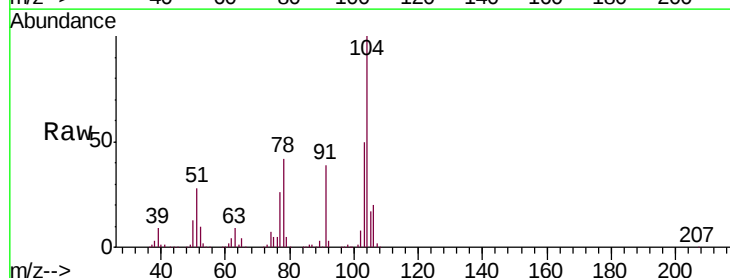


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

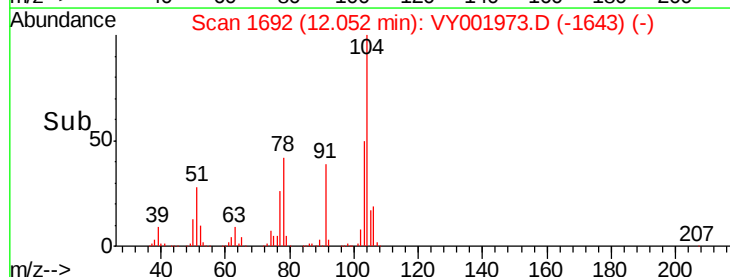
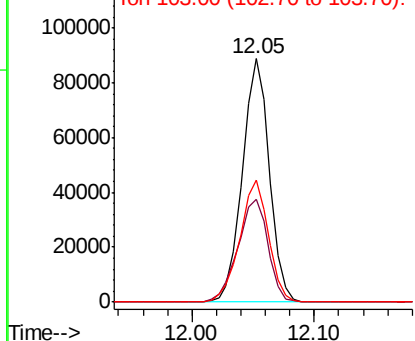


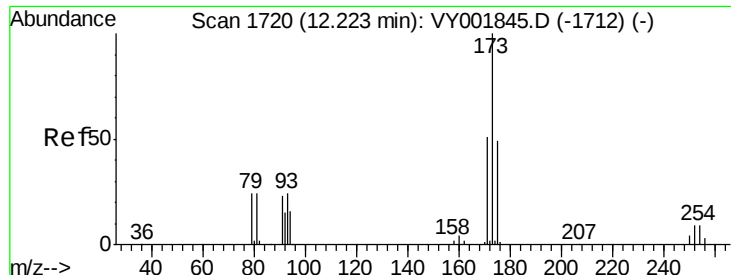
#70
Styrene
Concen: 22.004 ug/l
RT: 12.05 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VY001973.D
Acq: 16 Mar 2020 11:32

Tgt Ion:104 Resp: 135223
Ion Ratio Lower Upper
104 100
78 47.3 38.5 57.7
103 53.6 42.9 64.3



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V

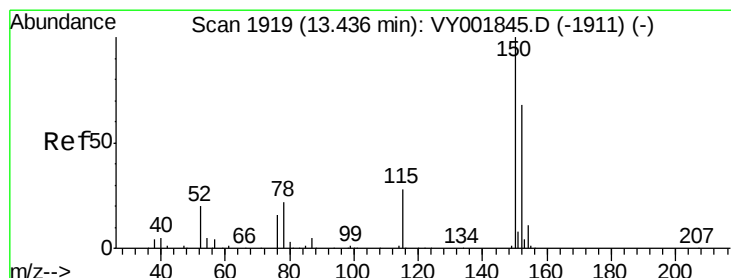
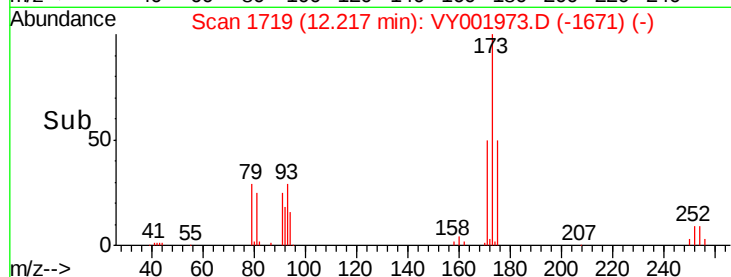
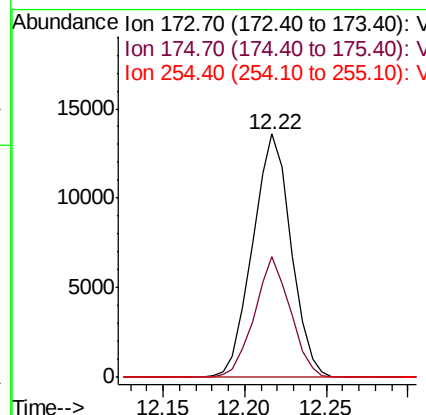
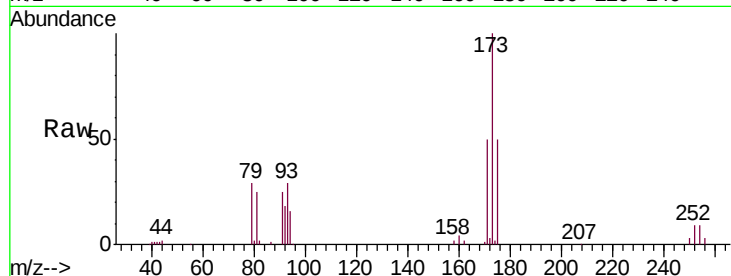




#71
Bromoform
Concen: 22.620 ug/l
RT: 12.22 min Scan# 1719
Delta R.T. -0.01 min
Lab File: VY001973.D
Acq: 16 Mar 2020 11:32

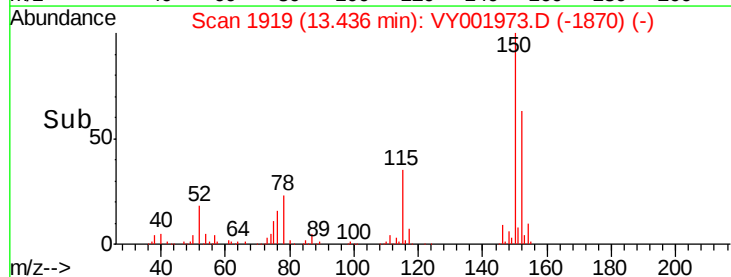
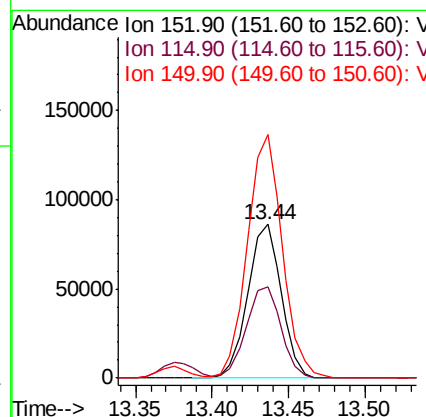
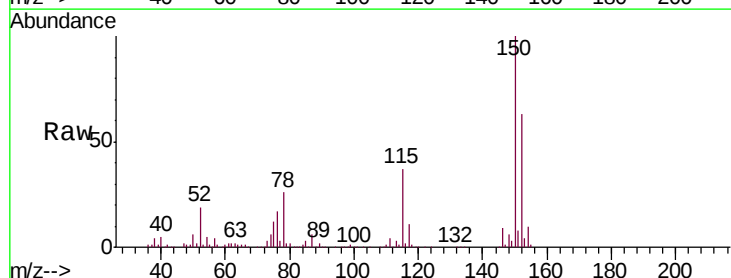
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

Tgt Ion:173 Resp: 22210
Ion Ratio Lower Upper
173 100
175 46.4 24.3 72.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.00 min
Lab File: VY001973.D
Acq: 16 Mar 2020 11:32

Tgt Ion:152 Resp: 131681
Ion Ratio Lower Upper
152 100
115 61.1 29.9 89.7
150 164.2 0.0 340.6





#73

Isopropylbenzene

Concen: 21.061 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY001973.D

Acq: 16 Mar 2020 11:32

Instrument :

MSVOA_Y

ClientSampleId :

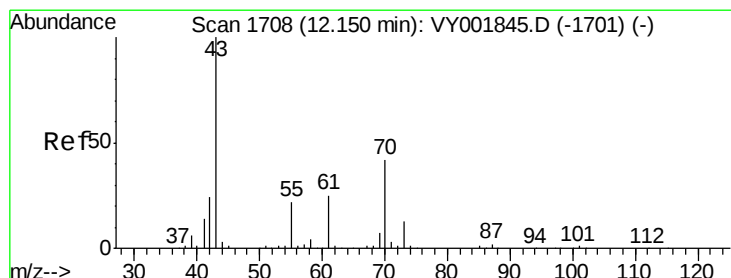
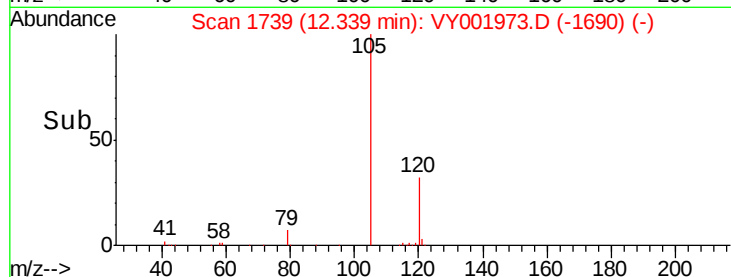
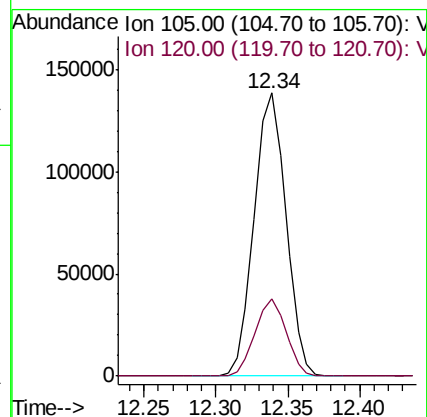
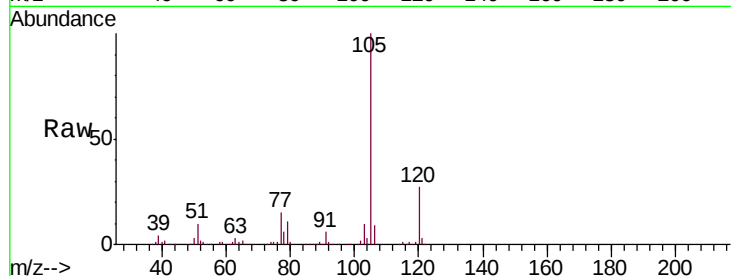
VY0316SBS01

Tgt Ion:105 Resp: 211707

Ion Ratio Lower Upper

105 100

120 26.7 13.1 39.3



#74

N-amyl acetate

Concen: 20.537 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY001973.D

Acq: 16 Mar 2020 11:32

Tgt Ion: 43 Resp: 63448

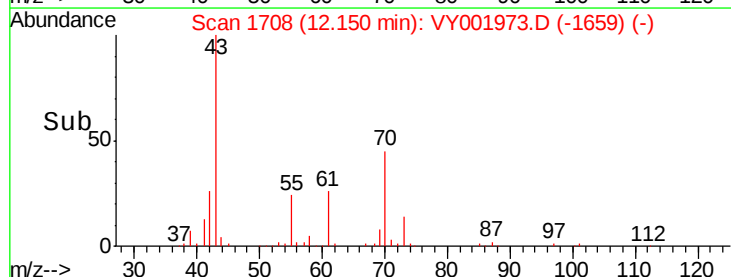
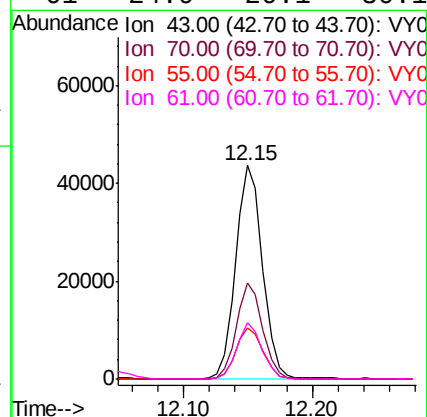
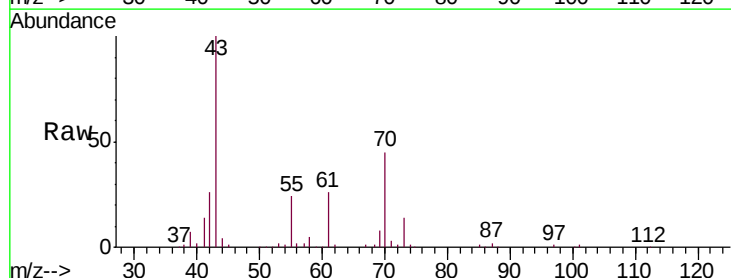
Ion Ratio Lower Upper

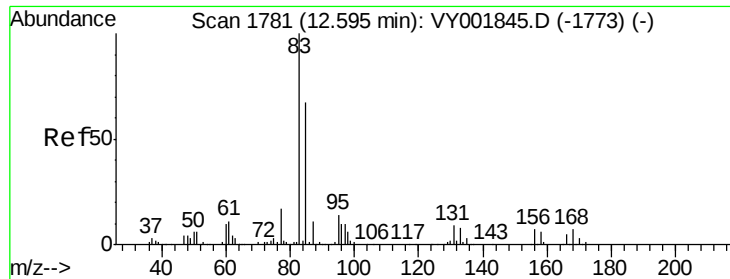
43 100

70 43.9 34.7 52.1

55 24.3 18.2 27.4

61 24.9 20.1 30.1

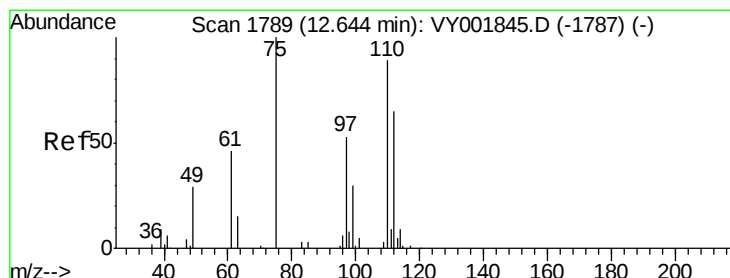
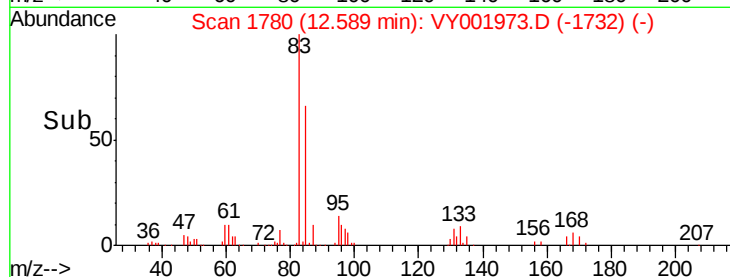
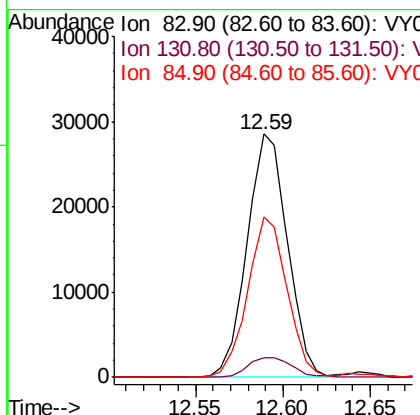
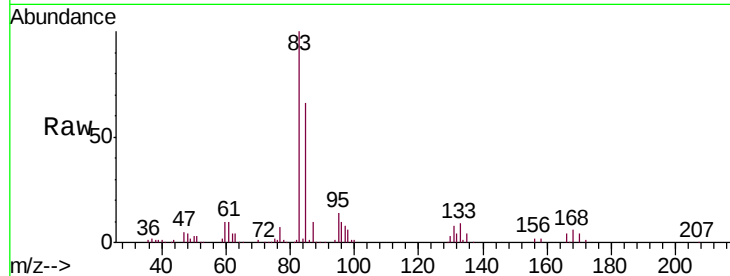




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.194 ug/l
 RT: 12.59 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: VY001973.D
 Acq: 16 Mar 2020 11:32

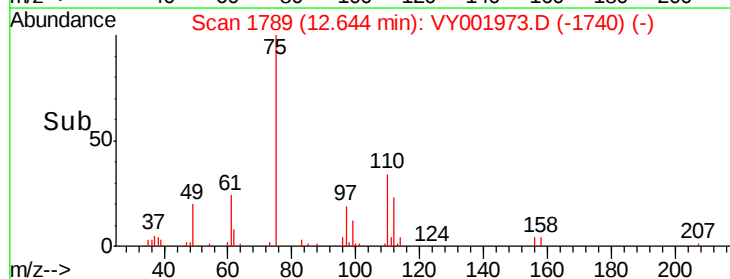
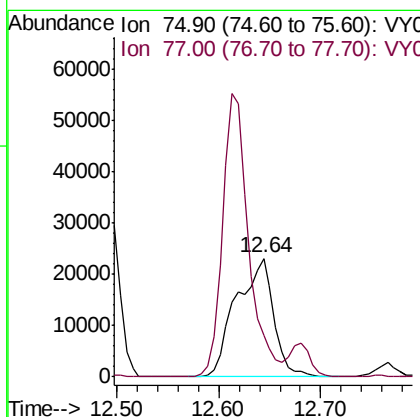
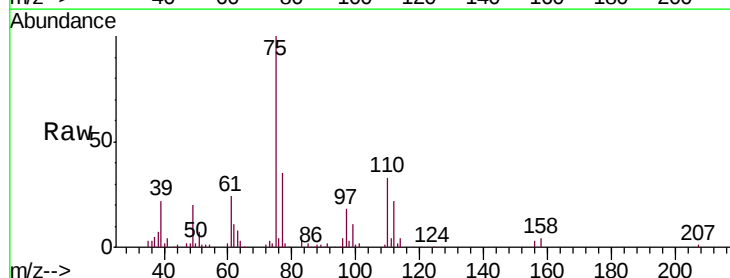
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0316SBS01

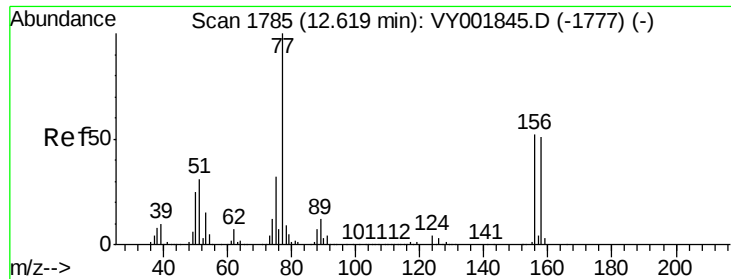
Tgt Ion: 83 Resp: 45943
 Ion Ratio Lower Upper
 83 100
 131 9.0 4.6 13.8
 85 64.2 32.1 96.3



#76
 1,2,3-Trichloropropane
 Concen: 37.907 ug/l
 RT: 12.64 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VY001973.D
 Acq: 16 Mar 2020 11:32

Tgt Ion: 75 Resp: 59229
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.359 ug/l

RT: 12.62 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VY001973.D

Acq: 16 Mar 2020 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0316SBS01

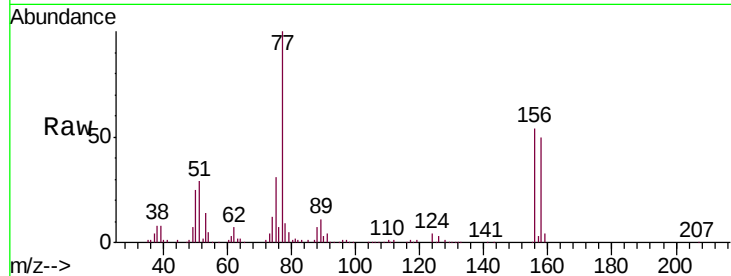
Tgt Ion: 156 Resp: 45489

Ion Ratio Lower Upper

156 100

77 215.8 109.0 327.0

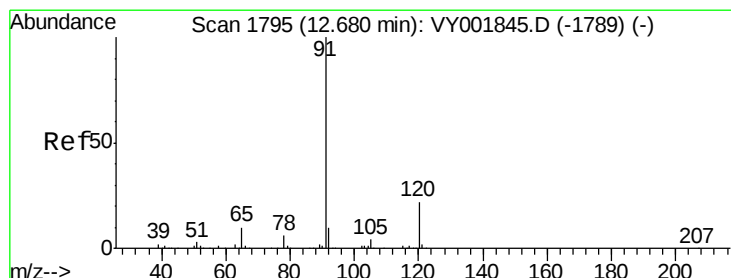
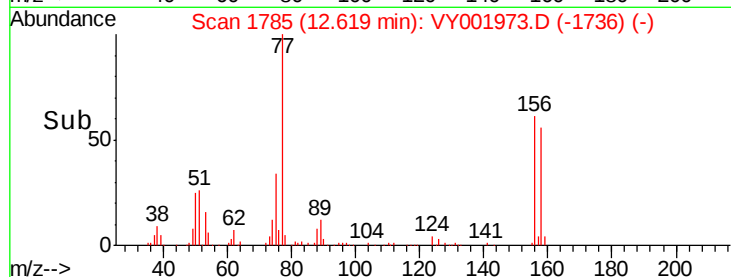
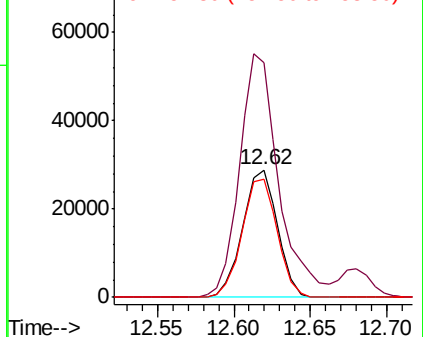
158 94.2 48.9 146.8



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: 21.279 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY001973.D

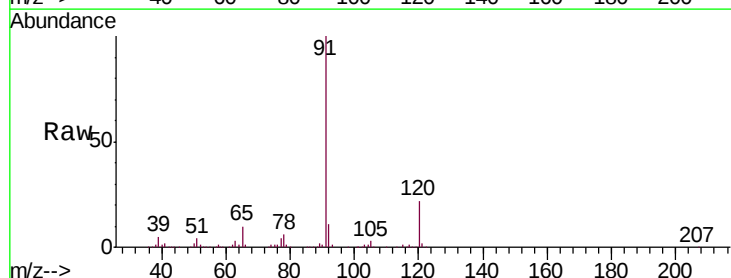
Acq: 16 Mar 2020 11:32

Tgt Ion: 91 Resp: 263893

Ion Ratio Lower Upper

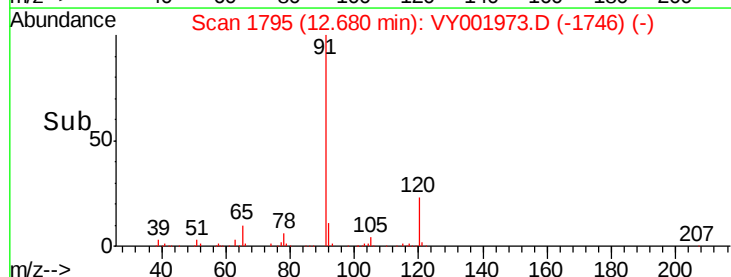
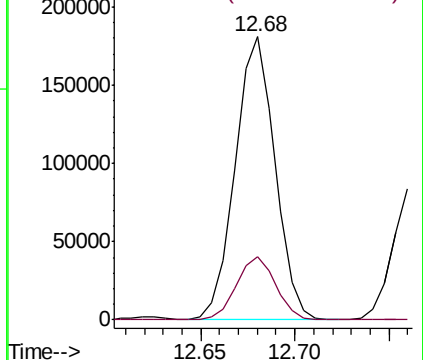
91 100

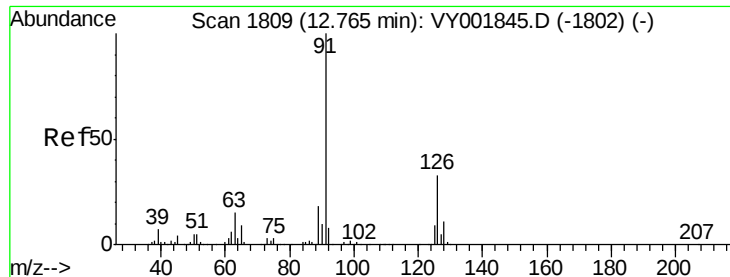
120 22.2 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

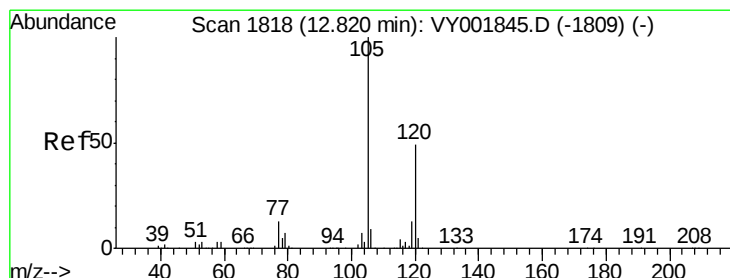
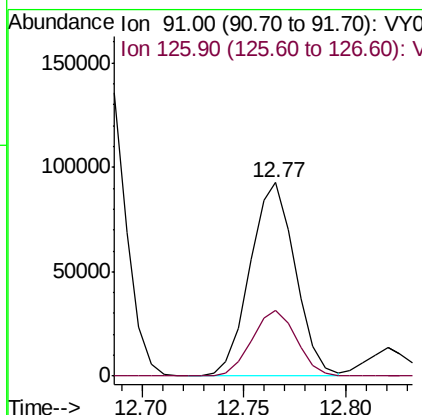
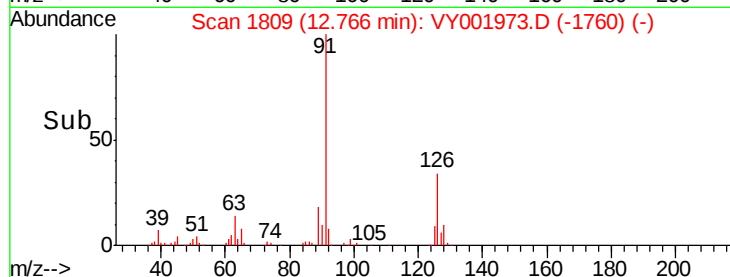
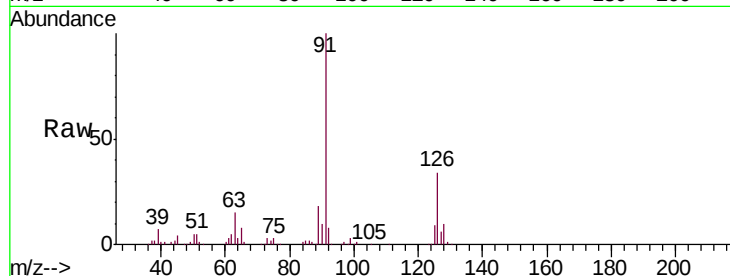




#79
 2-Chlorotoluene
 Concen: 20.810 ug/l
 RT: 12.77 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VY001973.D
 Acq: 16 Mar 2020 11:32

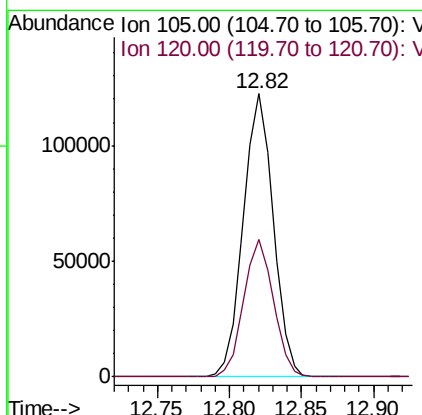
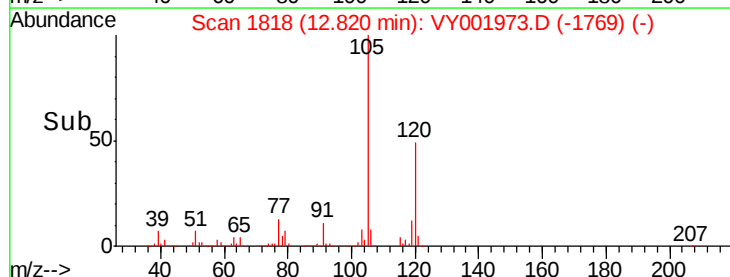
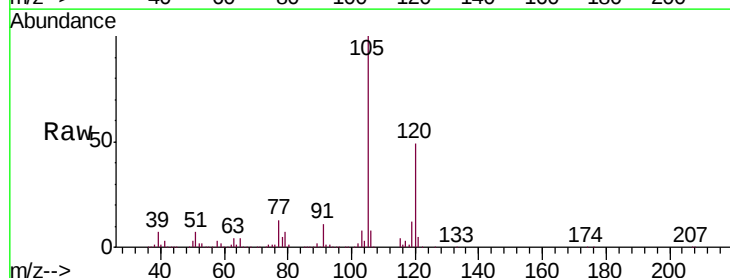
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0316SBS01

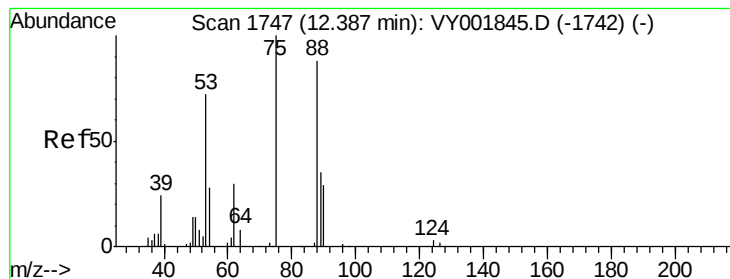
Tgt Ion: 91 Resp: 142583
 Ion Ratio Lower Upper
 91 100
 126 34.1 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 21.332 ug/l
 RT: 12.82 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: VY001973.D
 Acq: 16 Mar 2020 11:32

Tgt Ion: 105 Resp: 176530
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 21.019 ug/l

RT: 12.39 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VY001973.D

Acq: 16 Mar 2020 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0316SBS01

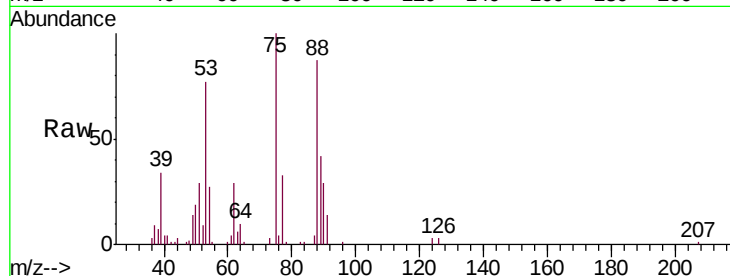
Tgt Ion: 75 Resp: 16259

Ion Ratio Lower Upper

75 100

53 83.3 65.4 98.0

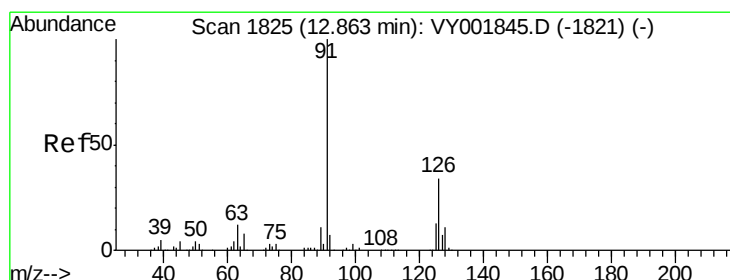
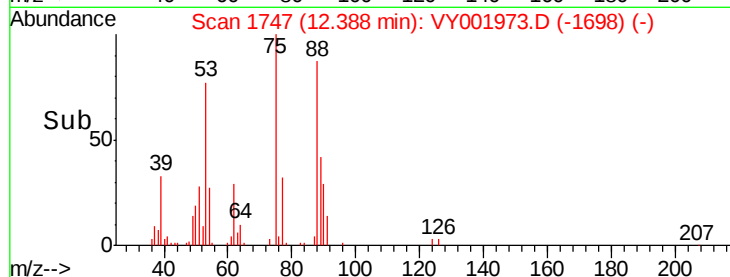
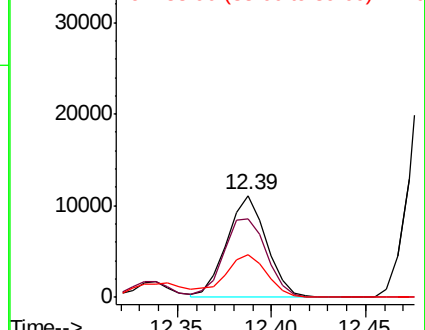
89 45.1 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 21.453 ug/l

RT: 12.86 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VY001973.D

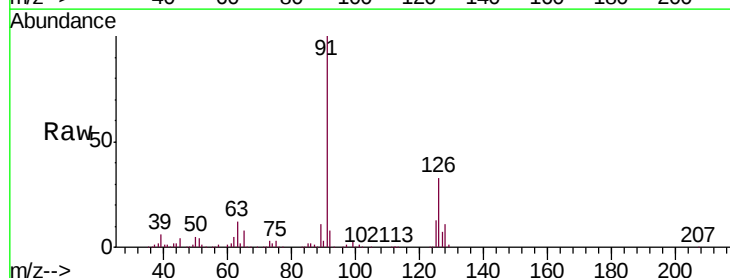
Acq: 16 Mar 2020 11:32

Tgt Ion: 91 Resp: 153039

Ion Ratio Lower Upper

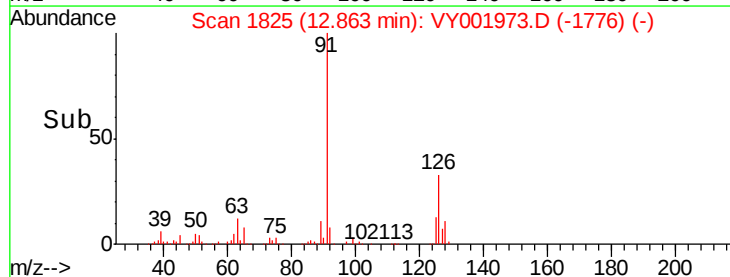
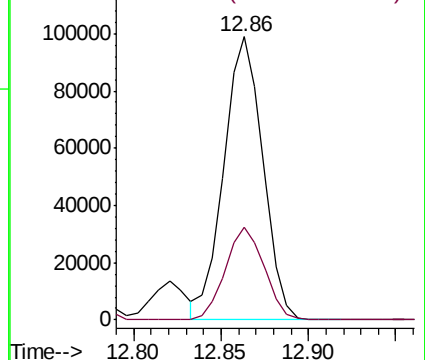
91 100

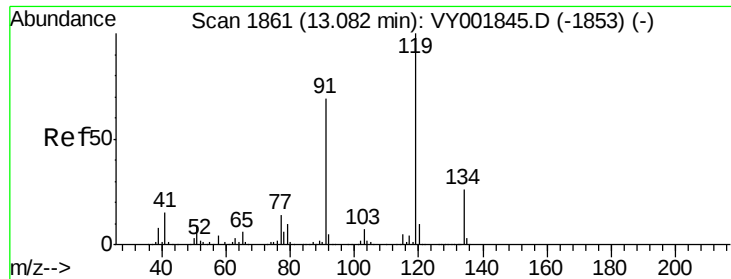
126 32.6 16.4 49.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

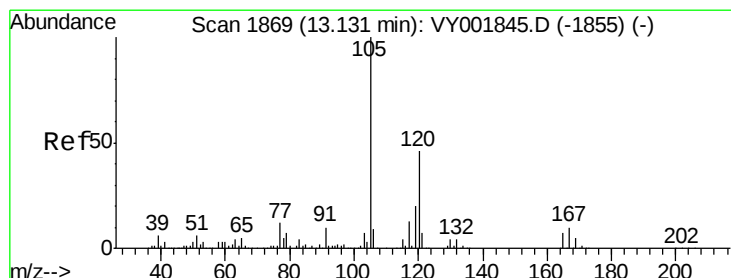
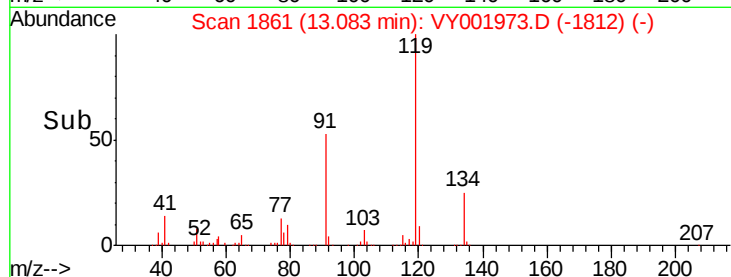
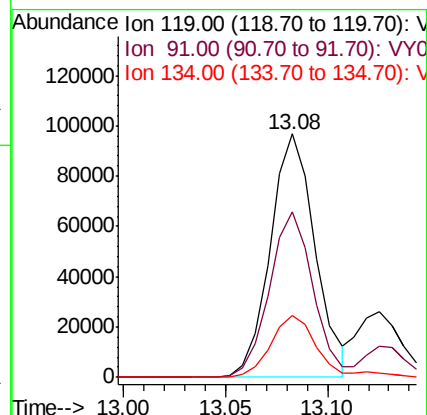
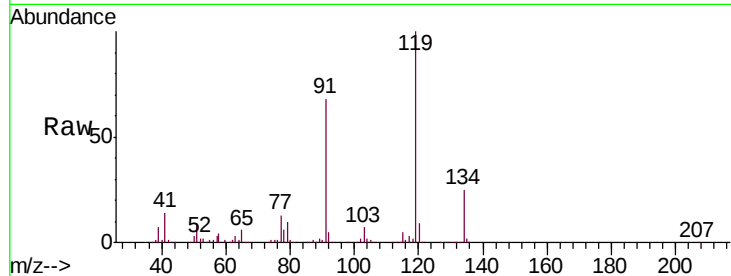




#83
 tert-Butylbenzene
 Concen: 21.573 ug/l
 RT: 13.08 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VY001973.D
 Acq: 16 Mar 2020 11:32

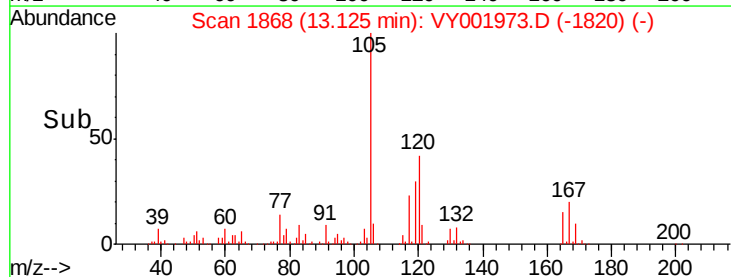
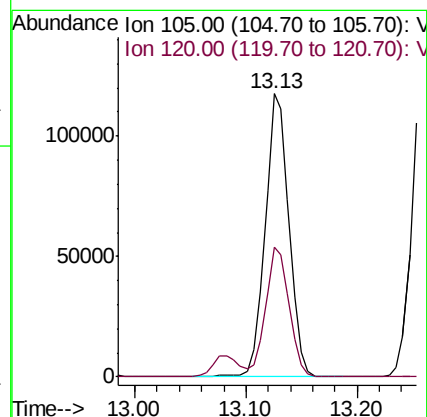
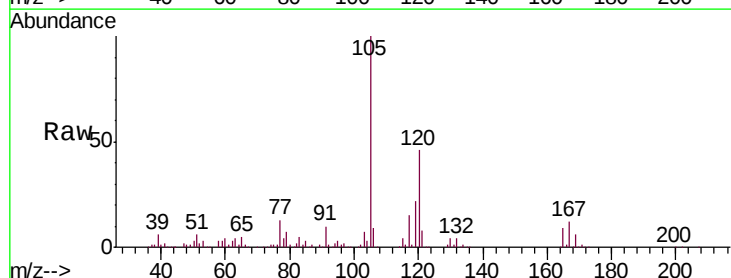
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0316SBS01

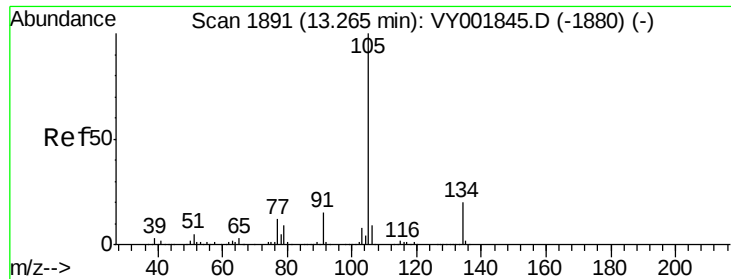
Tgt Ion:119 Resp: 148280
 Ion Ratio Lower Upper
 119 100
 91 66.0 34.0 101.8
 134 26.8 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 21.285 ug/l
 RT: 13.13 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VY001973.D
 Acq: 16 Mar 2020 11:32

Tgt Ion:105 Resp: 174803
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.6 67.7

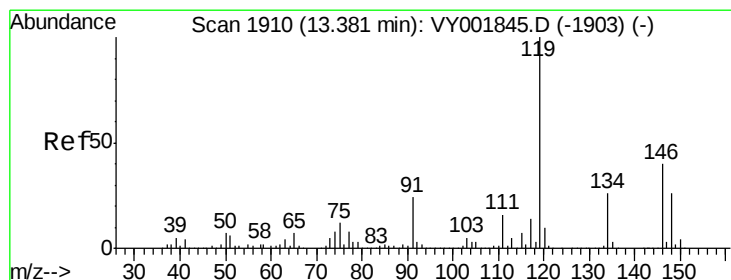
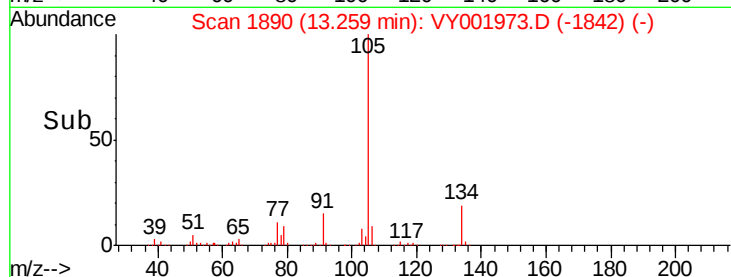
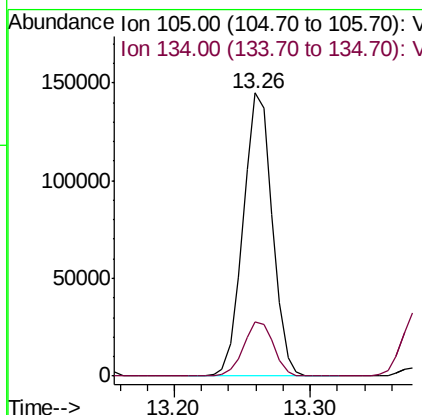
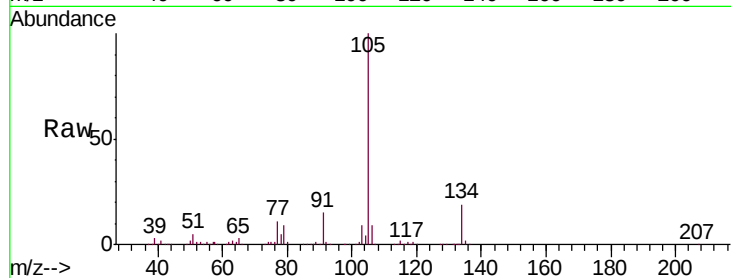




#85
 sec-Butylbenzene
 Concen: 21.384 ug/l
 RT: 13.26 min Scan# 1890
 Delta R.T. -0.01 min
 Lab File: VY001973.D
 Acq: 16 Mar 2020 11:32

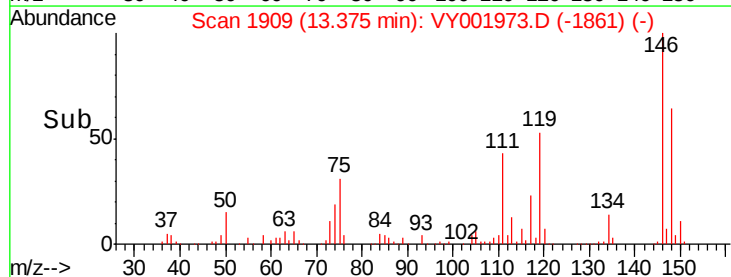
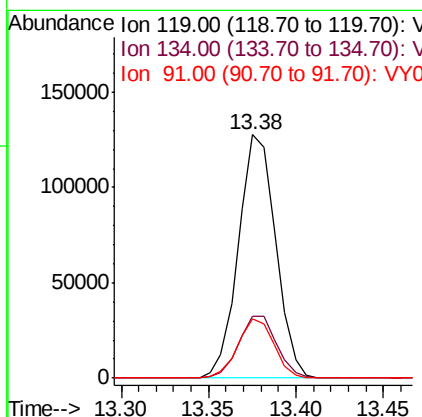
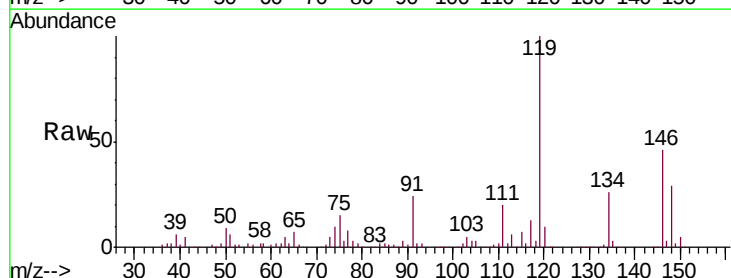
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0316SBS01

Tgt Ion:105 Resp: 216642
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 21.635 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. -0.01 min
 Lab File: VY001973.D
 Acq: 16 Mar 2020 11:32

Tgt Ion:119 Resp: 189076
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.1 39.3
 91 23.7 11.9 35.7

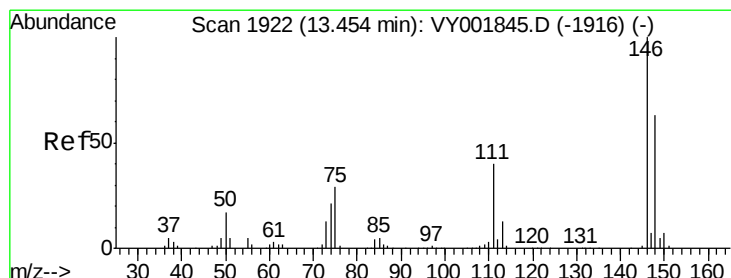
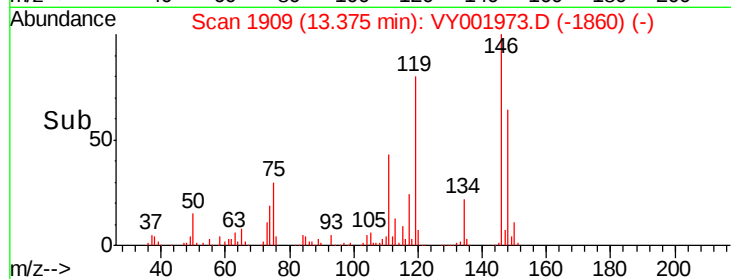
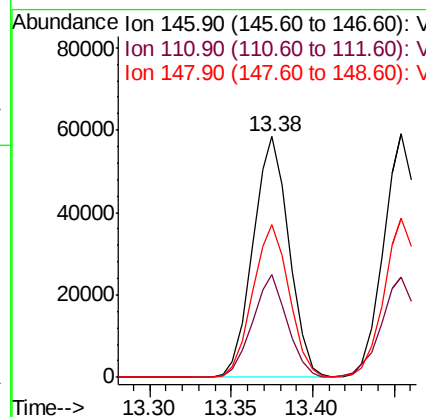
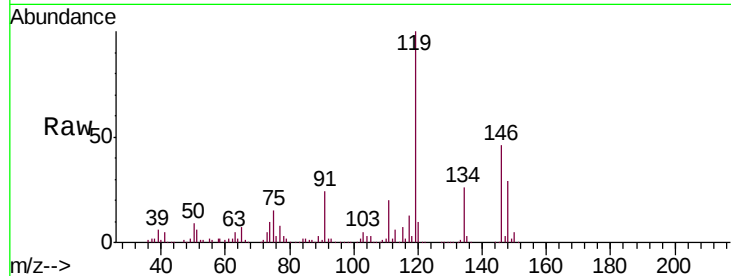




#87
 1,3-Dichlorobenzene
 Concen: 21.414 ug/l
 RT: 13.38 min Scan# 1909
 Delta R.T. 0.00 min
 Lab File: VY001973.D
 Acq: 16 Mar 2020 11:32

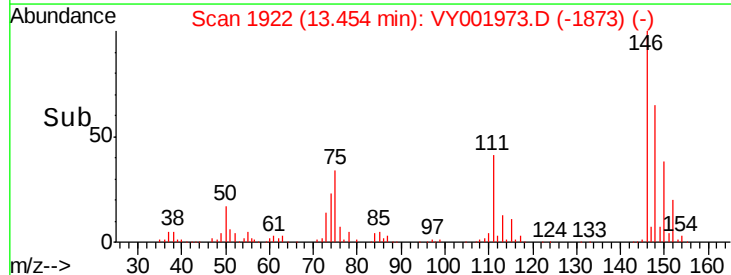
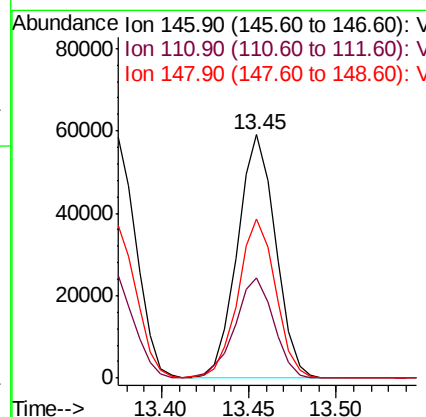
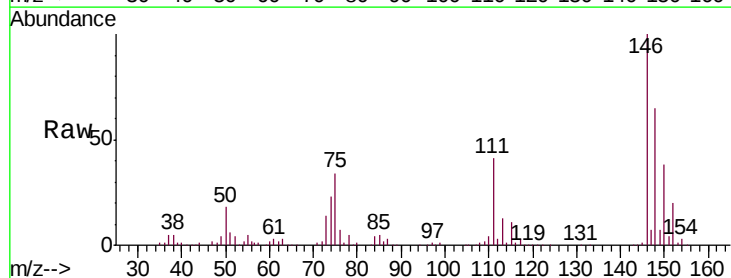
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0316SBS01

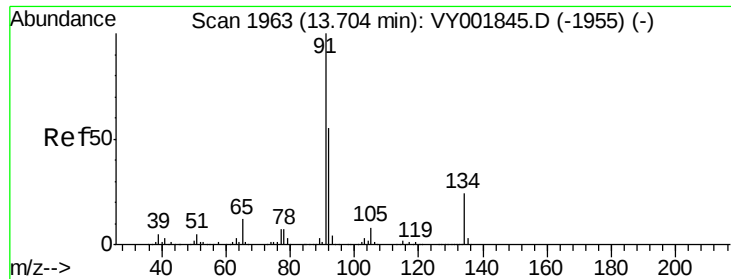
Tgt Ion:146 Resp: 89372
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.8 62.5
 148 64.3 31.4 94.0



#88
 1,4-Dichlorobenzene
 Concen: 21.121 ug/l
 RT: 13.45 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VY001973.D
 Acq: 16 Mar 2020 11:32

Tgt Ion:146 Resp: 89424
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.0 60.0
 148 64.8 31.5 94.5





#89

n-Butylbenzene

Concen: 21.622 ug/l

RT: 13.70 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VY001973.D

Acq: 16 Mar 2020 11:32

Instrument :

MSVOA_Y

ClientSampleId :

VY0316SBS01

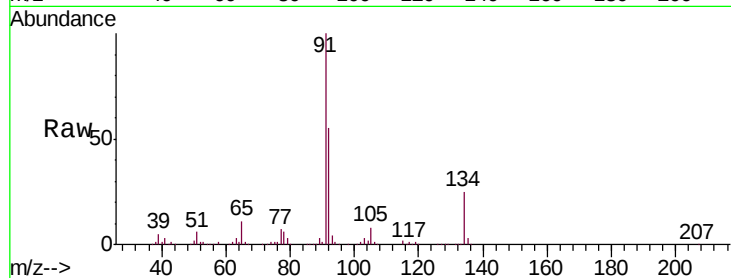
Tgt Ion: 91 Resp: 196049

Ion Ratio Lower Upper

91 100

92 53.8 27.5 82.4

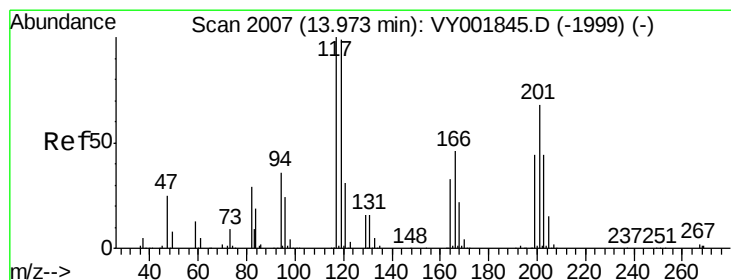
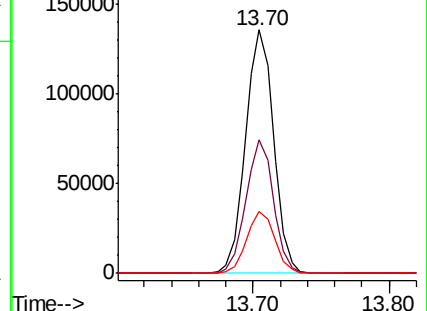
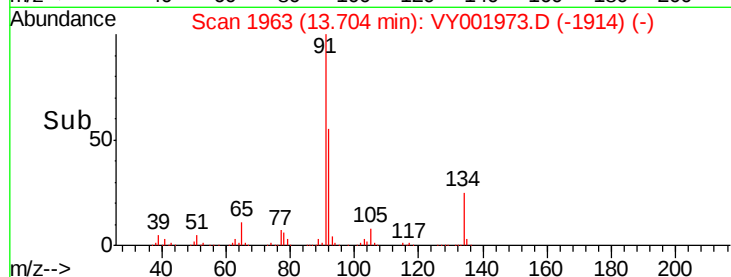
134 25.3 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VY001973.D (-1914) (-)

Ion 92.00 (91.70 to 92.70): VY001973.D (-1914) (-)

Ion 134.00 (133.70 to 134.70): VY001973.D (-1914) (-)



#90

Hexachloroethane

Concen: 21.287 ug/l

RT: 13.97 min Scan# 2007

Delta R.T. 0.00 min

Lab File: VY001973.D

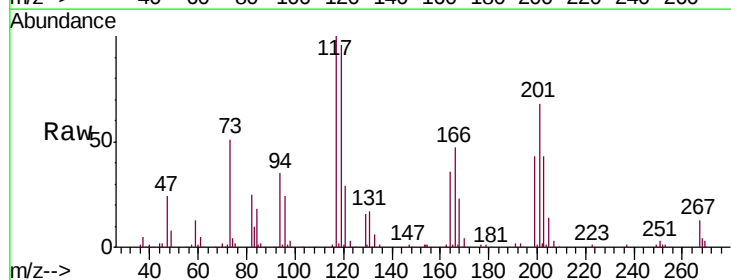
Acq: 16 Mar 2020 11:32

Tgt Ion: 117 Resp: 35097

Ion Ratio Lower Upper

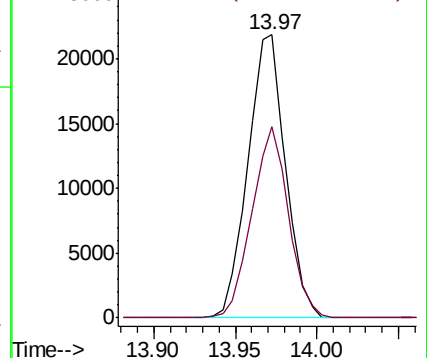
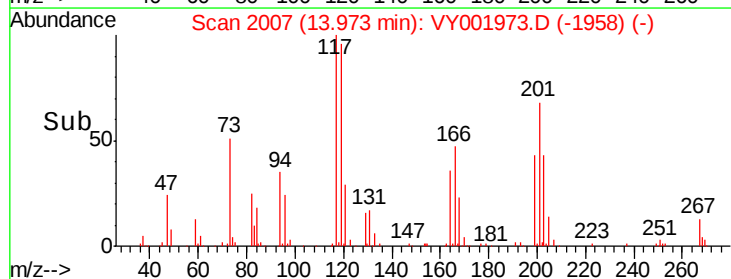
117 100

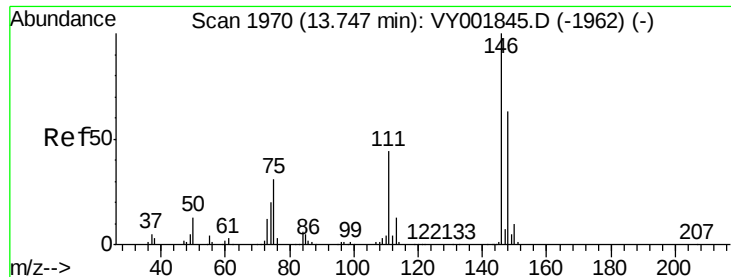
201 65.5 32.5 97.5



Abundance Ion 116.80 (116.50 to 117.50): VY001973.D (-1958) (-)

Ion 200.70 (200.40 to 201.40): VY001973.D (-1958) (-)

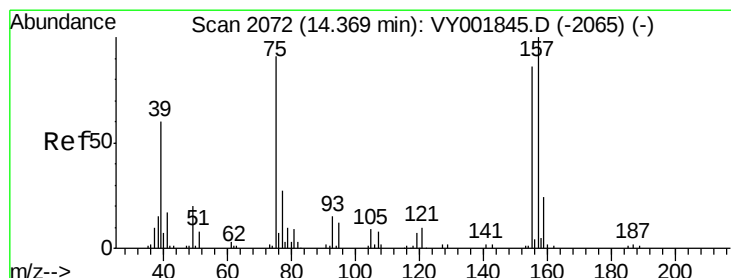
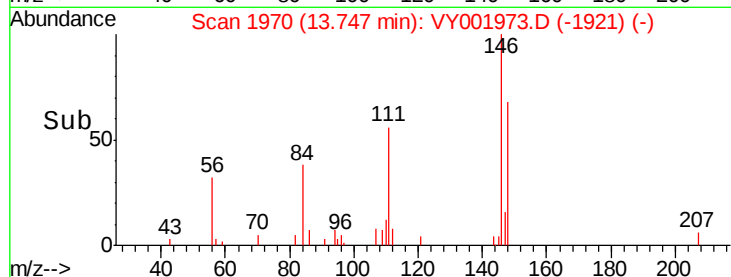
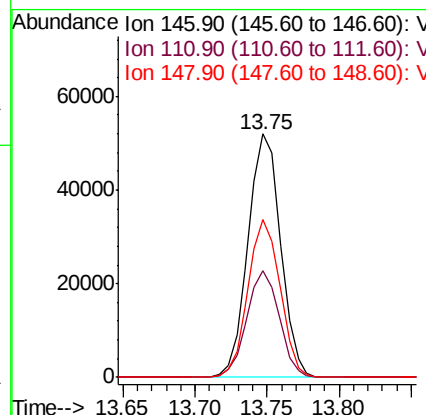
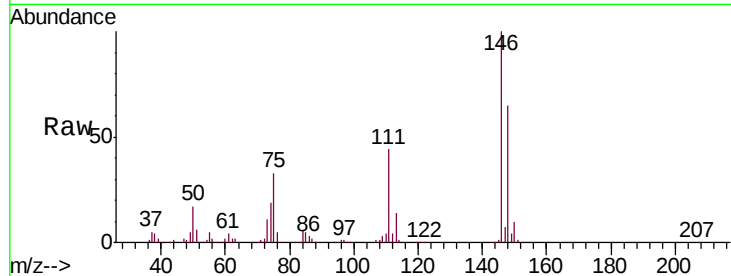




#91
 1,2-Dichlorobenzene
 Concen: 21.397 ug/l
 RT: 13.75 min Scan# 1970
 Delta R.T. 0.00 min
 Lab File: VY001973.D
 Acq: 16 Mar 2020 11:32

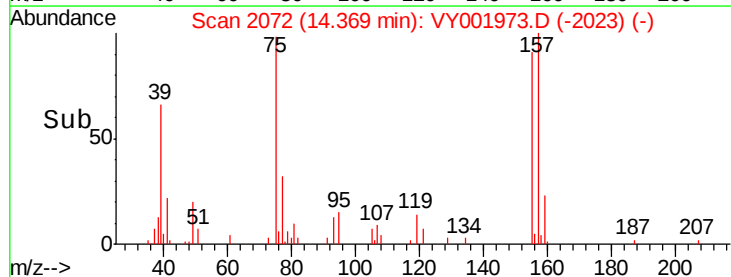
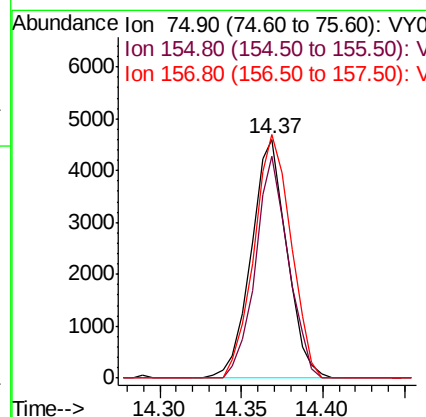
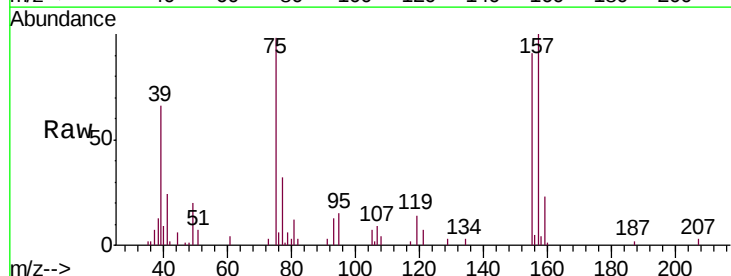
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0316SBS01

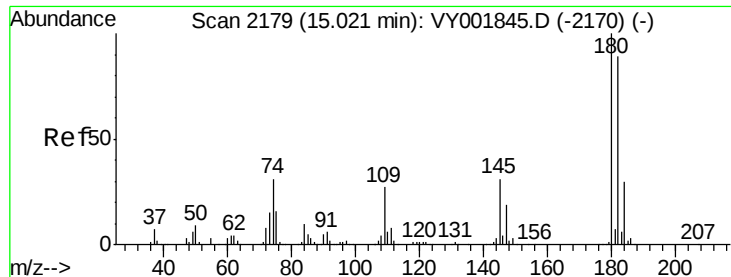
Tgt Ion: 146 Resp: 81125
 Ion Ratio Lower Upper
 146 100
 111 43.7 21.5 64.5
 148 64.2 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.709 ug/l
 RT: 14.37 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VY001973.D
 Acq: 16 Mar 2020 11:32

Tgt Ion: 75 Resp: 7005
 Ion Ratio Lower Upper
 75 100
 155 85.8 42.9 128.7
 157 105.5 53.1 159.4

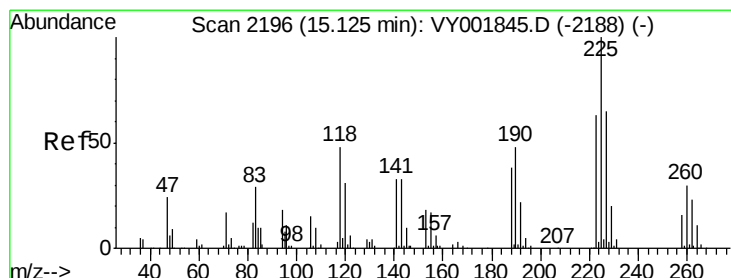
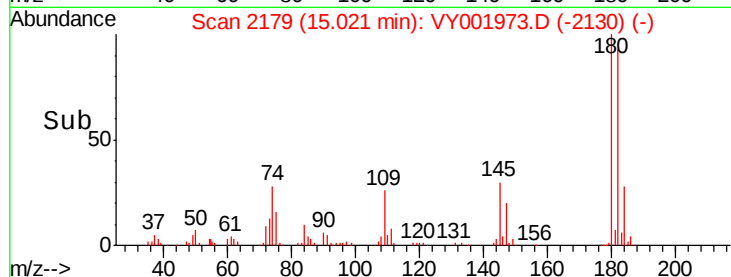
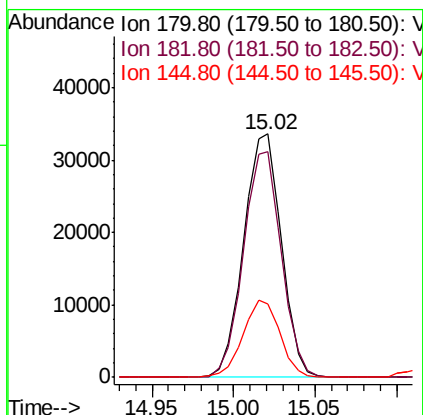
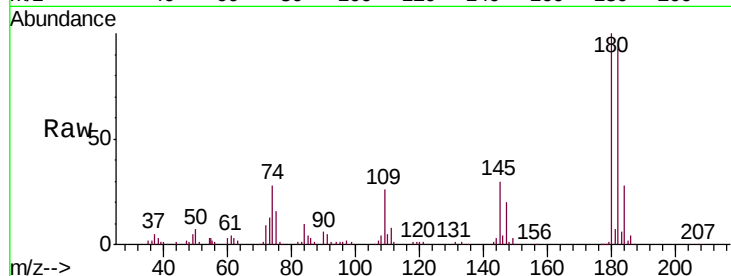




#93
1,2,4-Trichlorobenzene
Concen: 21.993 ug/l
RT: 15.02 min Scan# 2179
Delta R.T. 0.00 min
Lab File: VY001973.D
Acq: 16 Mar 2020 11:32

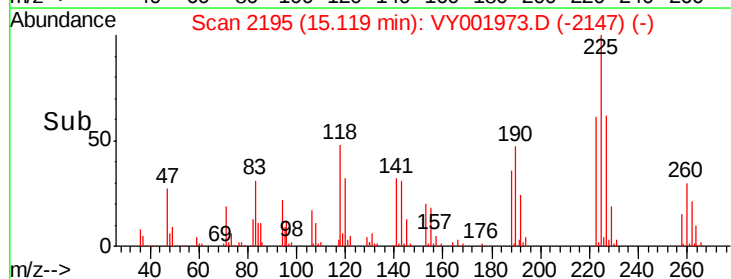
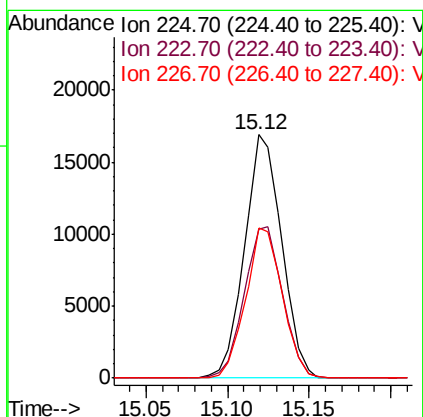
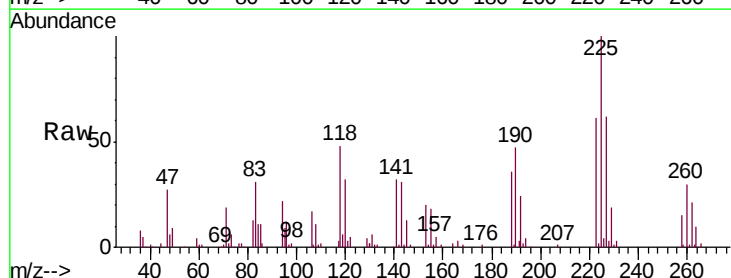
Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

Tgt Ion:180 Resp: 54077
Ion Ratio Lower Upper
180 100
182 93.5 46.1 138.3
145 31.2 15.6 46.8



#94
Hexachlorobutadiene
Concen: 22.343 ug/l
RT: 15.12 min Scan# 2195
Delta R.T. -0.01 min
Lab File: VY001973.D
Acq: 16 Mar 2020 11:32

Tgt Ion:225 Resp: 26784
Ion Ratio Lower Upper
225 100
223 64.1 31.5 94.5
227 61.1 31.9 95.5

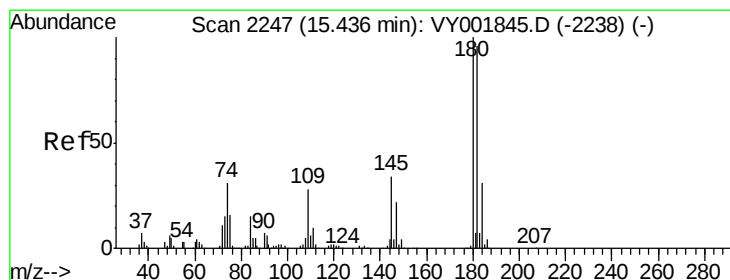
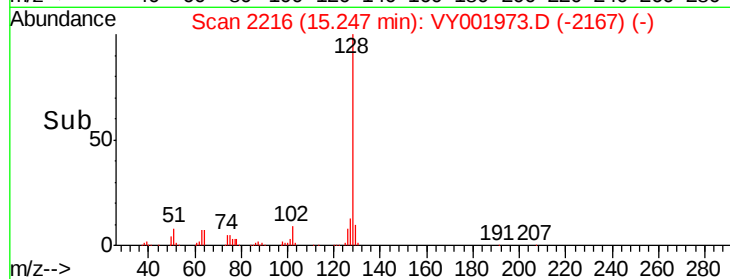
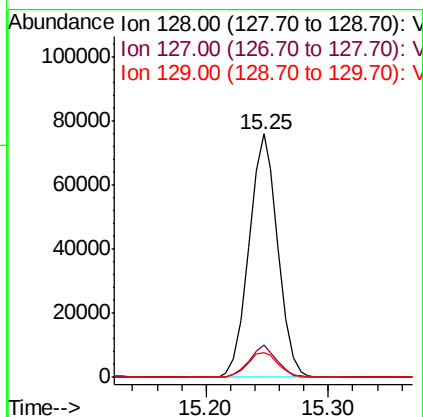
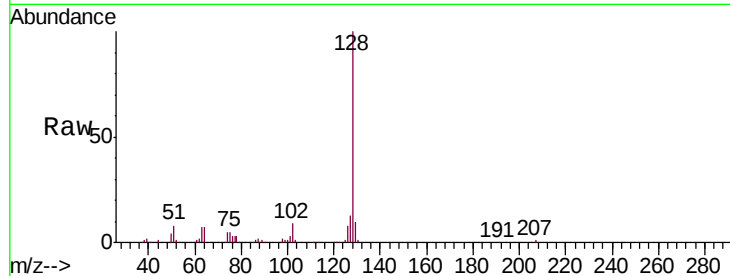




#95
Naphthalene
Concen: 21.258 ug/l
RT: 15.25 min Scan# 2216
Delta R.T. 0.00 min
Lab File: VY001973.D
Acq: 16 Mar 2020 11:32

Instrument :
MSVOA_Y
ClientSampleId :
VY0316SBS01

Tgt Ion:128 Resp: 123980
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 22.429 ug/l
RT: 15.44 min Scan# 2247
Delta R.T. 0.00 min
Lab File: VY001973.D
Acq: 16 Mar 2020 11:32

Tgt Ion:180 Resp: 48583
Ion Ratio Lower Upper
180 100
182 91.5 47.6 142.9
145 33.3 16.8 50.3

