

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY092319\
 Data File : VY000134.D
 Acq On : 23 Sep 2019 16:16
 Operator : SY/MD
 Sample : VY0923SBS01
 Misc : 5.00g/5.00ml/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0923SBS01

Quant Time: Sep 24 05:22:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 05:14:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	112579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	219473	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	195419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	84680	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	64837	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
35) Dibromofluoromethane	7.72	113	60762	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	
50) Toluene-d8	10.18	98	255723	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
62) 4-Bromofluorobenzene	12.48	95	86085	46.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.28%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	24652	22.074	ug/l	95
3) Chloromethane	2.11	50	34609	16.542	ug/l	97
4) Vinyl Chloride	2.25	62	35330	20.412	ug/l	97
5) Bromomethane	2.62	94	22177	20.685	ug/l	98
6) Chloroethane	2.77	64	21859	20.442	ug/l #	87
7) Trichlorofluoromethane	3.12	101	40111	20.289	ug/l	94
8) Diethyl Ether	3.53	74	17715	20.903	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.89	101	25409	19.383	ug/l	93
10) Methyl Iodide	4.08	142	31074	18.478	ug/l	97
11) Tert butyl alcohol	4.96	59	14009	104.852	ug/l #	94
12) 1,1-Dichloroethene	3.86	96	27431	20.260	ug/l	94
13) Acrolein	3.73	56	8021	147.758	ug/l	88
14) Allyl chloride	4.48	41	39059	20.437	ug/l	97
15) Acrylonitrile	5.17	53	42861	104.332	ug/l	97
16) Acetone	3.96	43	25270	100.449	ug/l #	78
17) Carbon Disulfide	4.18	76	92342	19.795	ug/l	96
18) Methyl Acetate	4.48	43	19438	21.092	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	71928	20.445	ug/l	94
20) Methylene Chloride	4.71	84	50402	29.813	ug/l	94
21) trans-1,2-Dichloroethene	5.21	96	30958	20.276	ug/l	97
22) Diisopropyl ether	6.11	45	82267	20.190	ug/l	94
23) Vinyl Acetate	6.06	43	275350	101.399	ug/l	99
24) 1,1-Dichloroethane	6.01	63	48056	19.798	ug/l	99
25) 2-Butanone	6.99	43	48047	102.941	ug/l	94
26) 2,2-Dichloropropane	6.98	77	40268	18.306	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	34338	20.206	ug/l	97
28) Bromochloromethane	7.33	49	18332	19.326	ug/l	100
29) Tetrahydrofuran	7.35	42	32391	102.479	ug/l	99
30) Chloroform	7.51	83	47838	19.576	ug/l	88
31) Cyclohexane	7.78	56	49499	19.665	ug/l	91
32) 1,1,1-Trichloroethane	7.70	97	39002	19.399	ug/l	99
36) 1,1-Dichloropropene	7.92	75	40511	19.935	ug/l	98
37) Ethyl Acetate	7.07	43	21541	20.072	ug/l	96
38) Carbon Tetrachloride	7.90	117	34243	19.634	ug/l	96

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 Acq On : 23 Sep 2019 16:16
 Operator : SY/MD
 Sample : VY0923SBS01
 Misc : 5.00g/5.00ml/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleID :
 VY0923SBS01

Quant Time: Sep 24 05:22:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 24 05:14:45 2019
 Response via : Initial Calibration

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

39) Methylcyclohexane	9.18	83	53677	19.205	ug/l	98
40) Benzene	8.16	78	126466	20.164	ug/l	99
41) Methacrylonitrile	7.35	41	29711	56.230	ug/l #	53
42) 1,2-Dichloroethane	8.24	62	32611	20.390	ug/l	97
43) Isopropyl Acetate	8.28	43	42819	19.947	ug/l	99
44) Trichloroethene	8.93	130	31744	20.384	ug/l	95
45) 1,2-Dichloropropane	9.22	63	29370	19.388	ug/l	97
46) Dibromomethane	9.30	93	17030	20.214	ug/l	96
47) Bromodichloromethane	9.49	83	37581	19.482	ug/l	93
48) Methyl methacrylate	9.29	41	18111	19.743	ug/l	97
49) 1,4-Dioxane	9.29	88	5395	405.628	ug/l #	82
51) 4-Methyl-2-Pentanone	10.07	43	110994	101.472	ug/l	100
52) Toluene	10.24	92	78834	20.341	ug/l	95
53) t-1,3-Dichloropropene	10.46	75	39378	18.721	ug/l	94
54) cis-1,3-Dichloropropene	9.93	75	48455	19.869	ug/l	93
55) 1,1,2-Trichloroethane	10.64	97	23482	19.463	ug/l	94
56) Ethyl methacrylate	10.51	69	34005	20.010	ug/l	99
57) 1,3-Dichloropropane	10.79	76	42533	20.278	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.78	63	85812	102.278	ug/l	100
59) 2-Hexanone	10.83	43	75434	98.453	ug/l	99
60) Dibromochloromethane	10.98	129	24766	19.641	ug/l	97
61) 1,2-Dibromoethane	11.09	107	23043	20.323	ug/l	100
64) Tetrachloroethene	10.71	164	28970	19.476	ug/l	86
65) Chlorobenzene	11.51	112	78875	19.883	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	24000	18.828	ug/l	97
67) Ethyl Benzene	11.59	91	143379	19.884	ug/l	100
68) m/p-Xylenes	11.70	106	107018	38.485	ug/l	96
69) o-Xylene	12.02	106	51981	19.555	ug/l	98
70) Styrene	12.04	104	88028	19.599	ug/l	98
71) Bromoform	12.20	173	14276	19.836	ug/l #	99
73) Isopropylbenzene	12.32	105	134062	19.884	ug/l	100
74) N-amyl acetate	12.14	43	36559	19.456	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	27310	20.287	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	37471	42.224	ug/l #	100
77) Bromobenzene	12.60	156	27693	19.642	ug/l	98
78) n-propylbenzene	12.66	91	162185	19.450	ug/l	100
79) 2-Chlorotoluene	12.75	91	88500	19.334	ug/l	99
80) 1,3,5-Trimethylbenzene	12.80	105	108341	19.202	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.37	75	10433	19.324	ug/l #	89
82) 4-Chlorotoluene	12.85	91	94883	20.097	ug/l	97
83) tert-Butylbenzene	13.07	119	91473	19.791	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	109626	19.469	ug/l	98
85) sec-Butylbenzene	13.25	105	133479	19.319	ug/l	100
86) p-Isopropyltoluene	13.37	119	115378	19.586	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	54846	19.882	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	56839	20.186	ug/l	97
89) n-Butylbenzene	13.69	91	119224	19.730	ug/l	100
90) Hexachloroethane	13.95	117	21411	18.353	ug/l	92
91) 1,2-Dichlorobenzene	13.73	146	51333	19.725	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	5083	20.543	ug/l	88

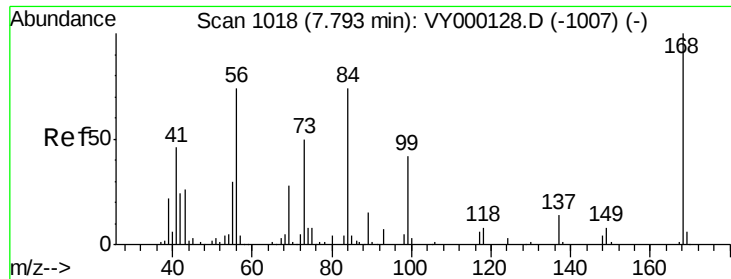
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY092319\
Data File : VY000134.D
Acq On : 23 Sep 2019 16:16
Operator : SY/MD
Sample : VY0923SBSD01
Misc : 5.00g/5.00ml/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBSD01

Quant Time: Sep 24 05:22:17 2019
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Quant Title : SW846 8260
QLast Update : Tue Sep 24 05:14:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	32206	19.248	ug/l	95
94) Hexachlorobutadiene	15.10	225	15589	20.962	ug/l	94
95) Naphthalene	15.23	128	84916	20.076	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	29301	19.634	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

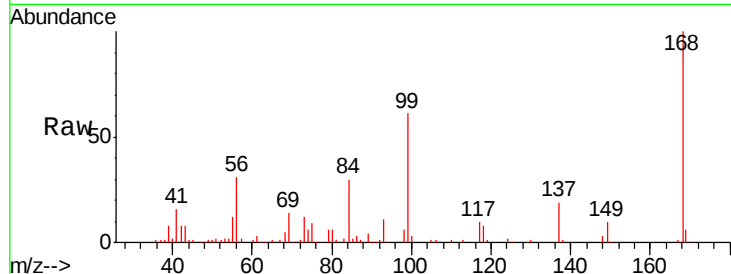
VY0923SBS01

Tgt Ion:168 Resp: 112579

Ion Ratio Lower Upper

168 100

99 61.4 49.9 74.9



Abundance Ion 167.90 (167.60 to 168.60): VY000134.D (-969) (-)

Ion 98.90 (98.60 to 99.60): VY000134.D (-969) (-)

7.79

50000

40000

30000

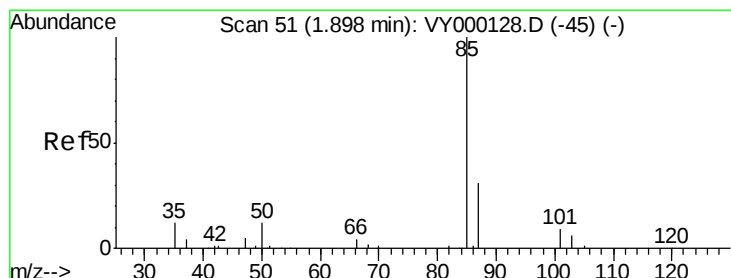
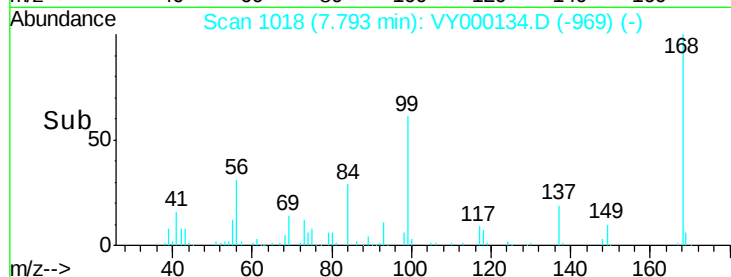
20000

10000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 22.074 ug/l

RT: 1.90 min Scan# 51

Delta R.T. 0.00 min

Lab File: VY000134.D

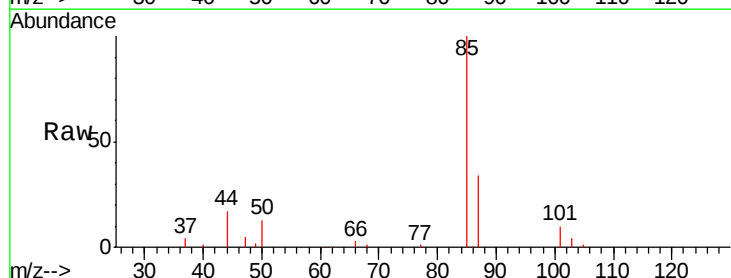
Acq: 23 Sep 2019 16:16

Tgt Ion: 85 Resp: 24652

Ion Ratio Lower Upper

85 100

87 33.9 15.4 46.4



Abundance Ion 84.90 (84.60 to 85.60): VY000134.D (-2) (-)

Ion 86.90 (86.60 to 87.60): VY000134.D (-2) (-)

1.90

15000

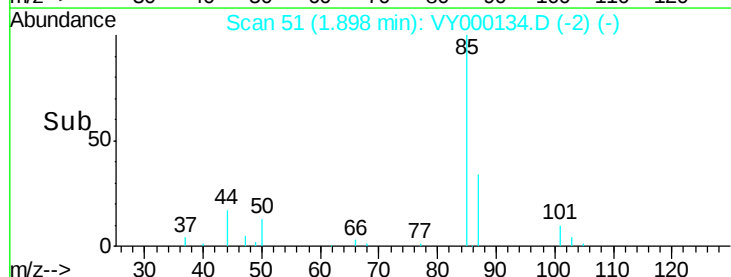
10000

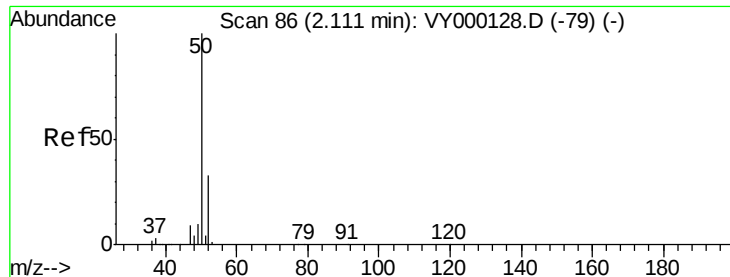
5000

0

1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 16.542 ug/l

RT: 2.11 min Scan# 86

Delta R.T. 0.00 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

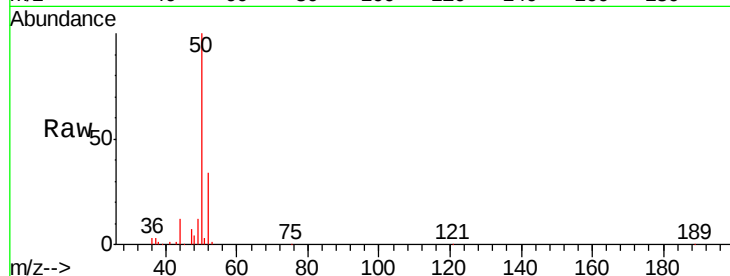
VY0923SBSD01

Tgt Ion: 50 Resp: 34609

Ion Ratio Lower Upper

50 100

52 34.4 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.11

20000

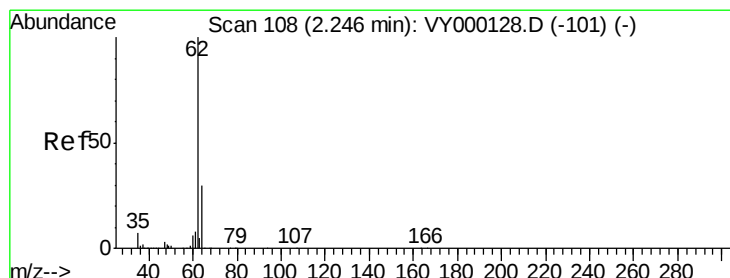
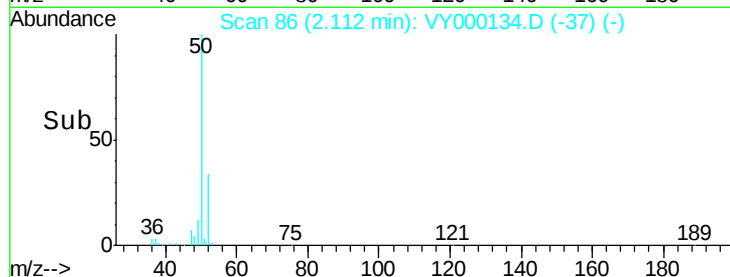
15000

10000

5000

0

Time--> 2.00 2.10 2.20



#4

Vinyl Chloride

Concen: 20.412 ug/l

RT: 2.25 min Scan# 108

Delta R.T. 0.00 min

Lab File: VY000134.D

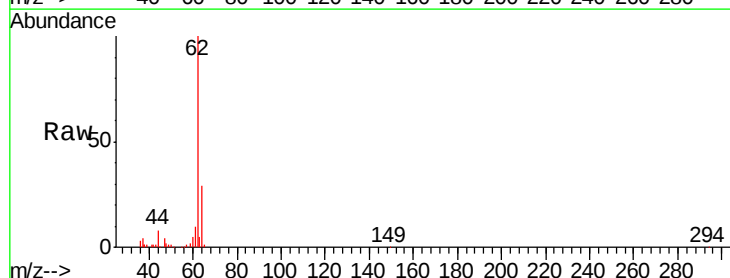
Acq: 23 Sep 2019 16:16

Tgt Ion: 62 Resp: 35330

Ion Ratio Lower Upper

62 100

64 29.0 24.4 36.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.25

25000

20000

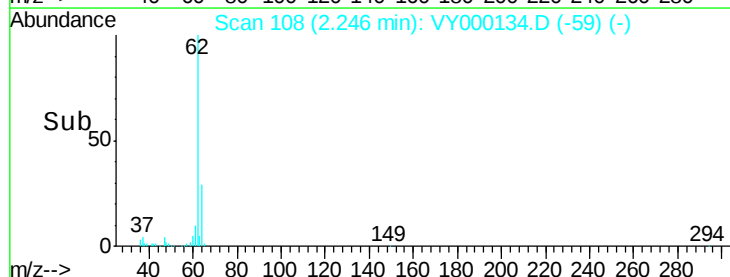
15000

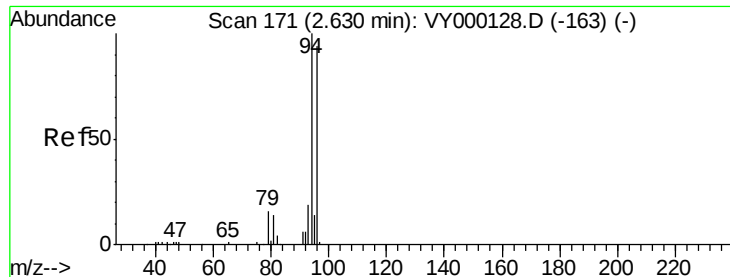
10000

5000

0

Time--> 2.15 2.20 2.25 2.30 2.35





#5

Bromomethane

Concen: 20.685 ug/l

RT: 2.62 min Scan# 169

Delta R.T. -0.01 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

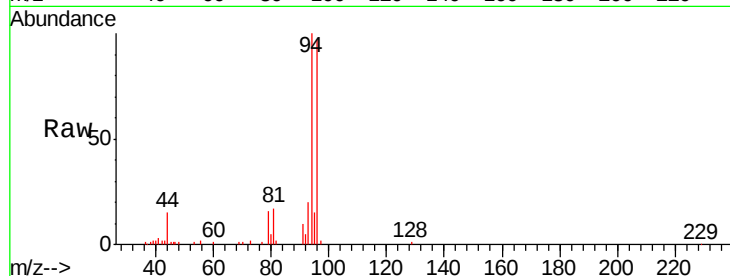
VY0923SBS01

Tgt Ion: 94 Resp: 22177

Ion Ratio Lower Upper

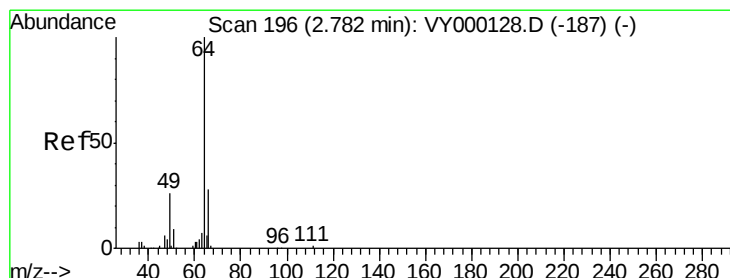
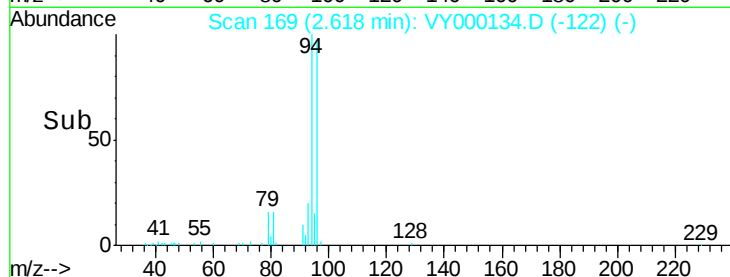
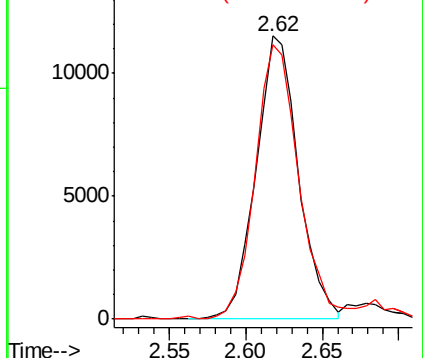
94 100

96 95.9 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 20.442 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VY000134.D

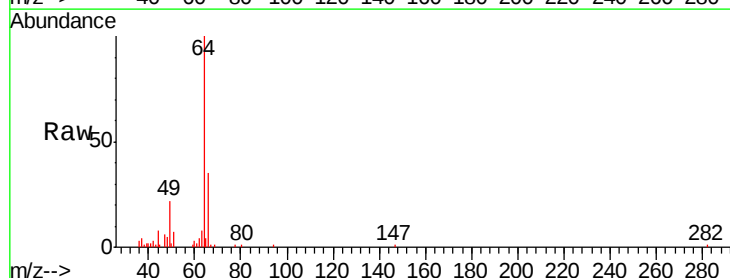
Acq: 23 Sep 2019 16:16

Tgt Ion: 64 Resp: 21859

Ion Ratio Lower Upper

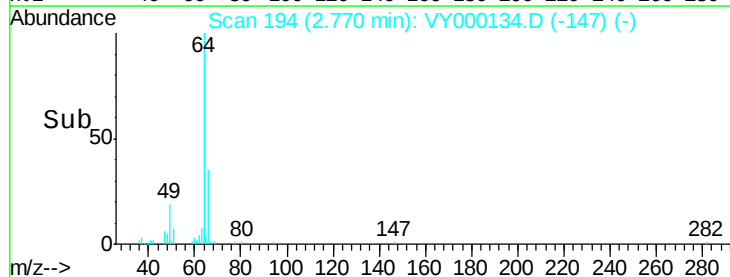
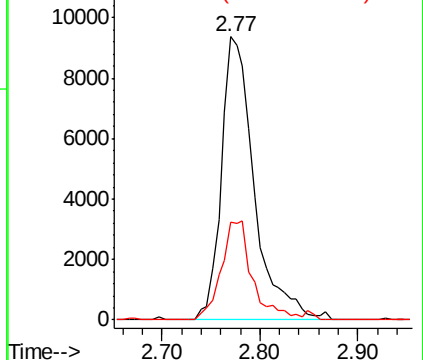
64 100

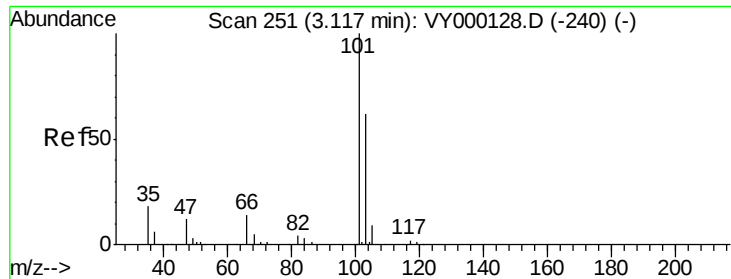
66 34.7 22.4 33.6#



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



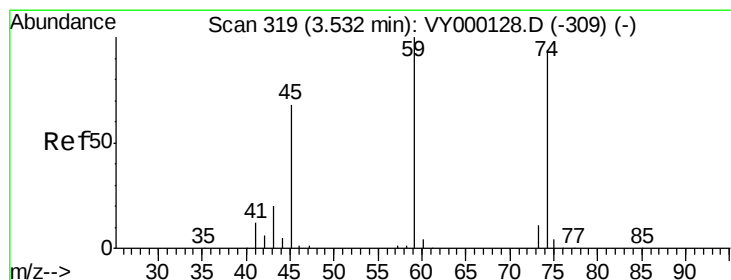
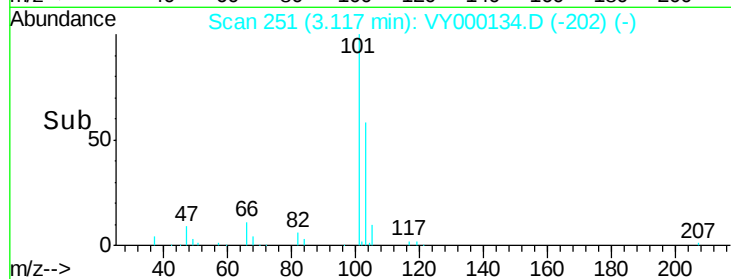
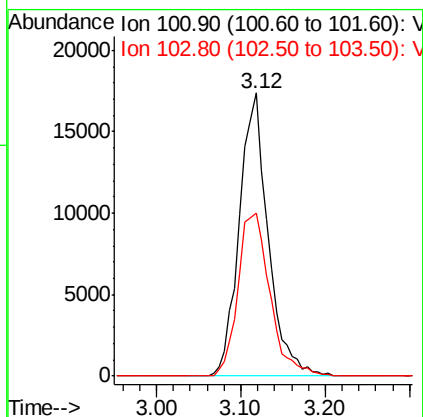
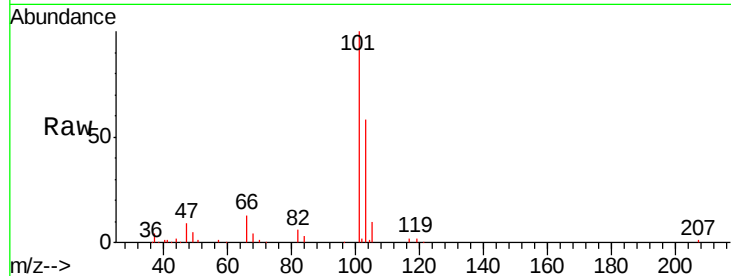


#7

Trichlorofluoromethane
 Concen: 20.289 ug/l
 RT: 3.12 min Scan# 251
 Delta R.T. 0.00 min
 Lab File: VY000134.D
 Acq: 23 Sep 2019 16:16

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0923SBS01

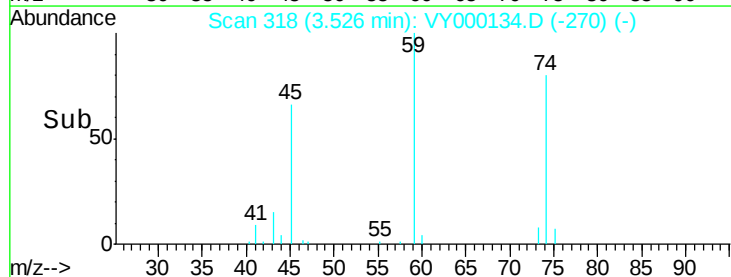
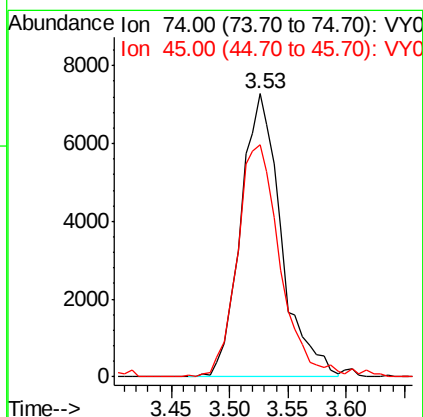
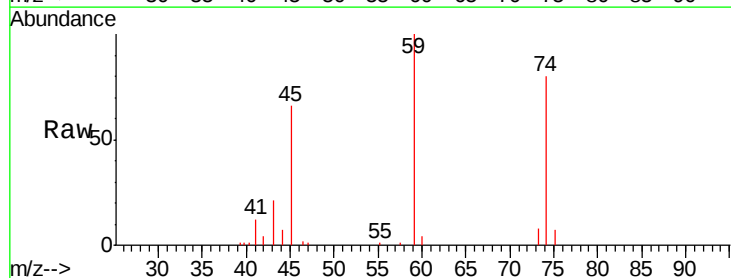
Tgt Ion:101 Resp: 40111
 Ion Ratio Lower Upper
 101 100
 103 57.6 49.9 74.9

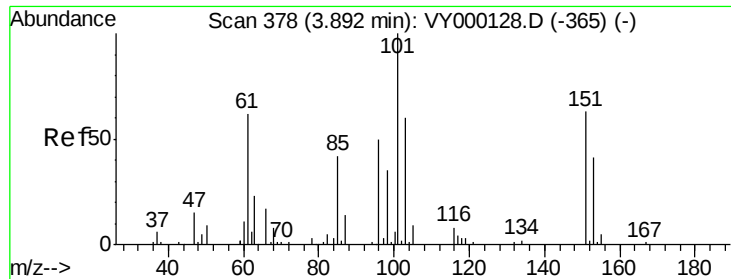


#8

Diethyl Ether
 Concen: 20.903 ug/l
 RT: 3.53 min Scan# 318
 Delta R.T. -0.01 min
 Lab File: VY000134.D
 Acq: 23 Sep 2019 16:16

Tgt Ion: 74 Resp: 17715
 Ion Ratio Lower Upper
 74 100
 45 86.2 40.1 120.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.383 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.00 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0923SBS01

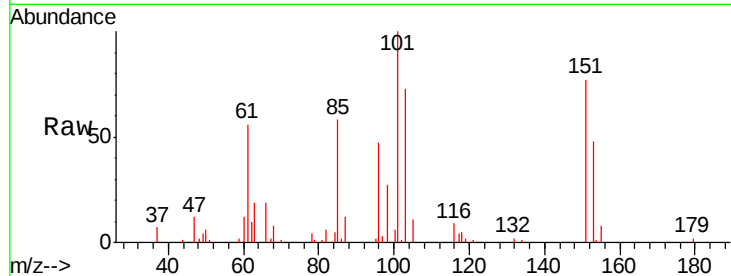
Tgt Ion:101 Resp: 25409

Ion Ratio Lower Upper

101 100

85 50.7 36.7 55.1

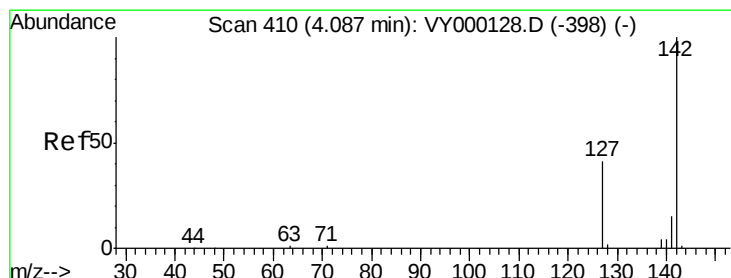
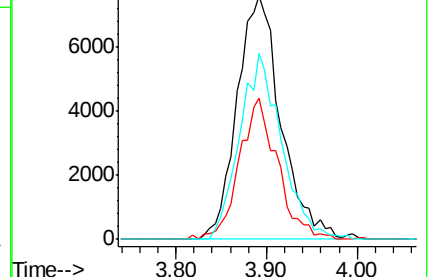
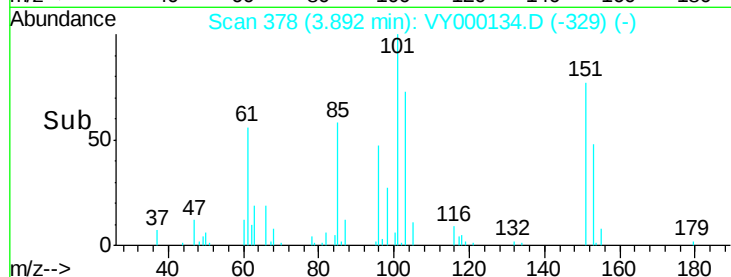
151 73.0 53.9 80.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.478 ug/l

RT: 4.08 min Scan# 409

Delta R.T. -0.01 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

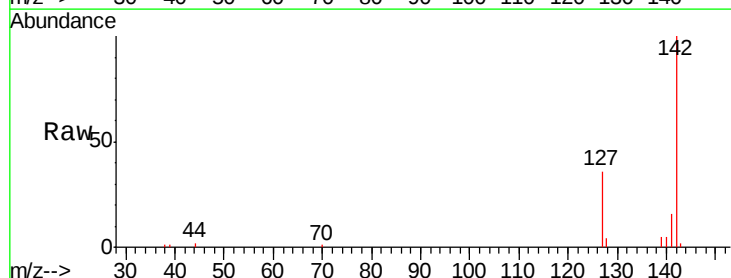
Tgt Ion:142 Resp: 31074

Ion Ratio Lower Upper

142 100

127 39.2 32.8 49.2

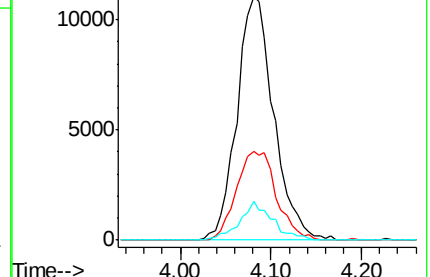
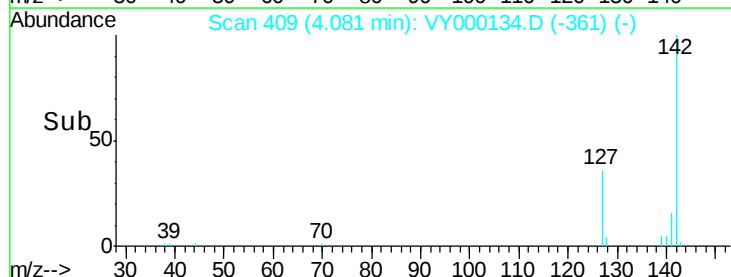
141 14.3 10.8 16.2

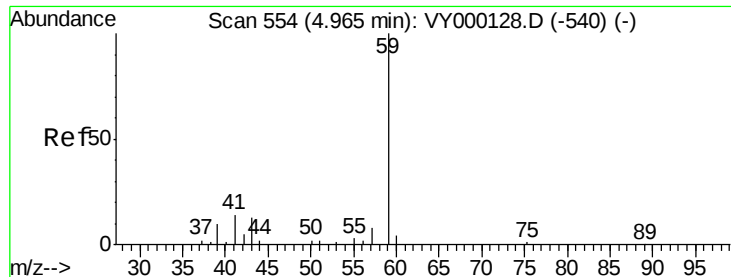


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



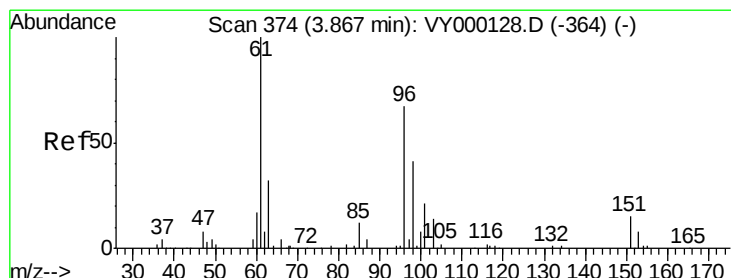
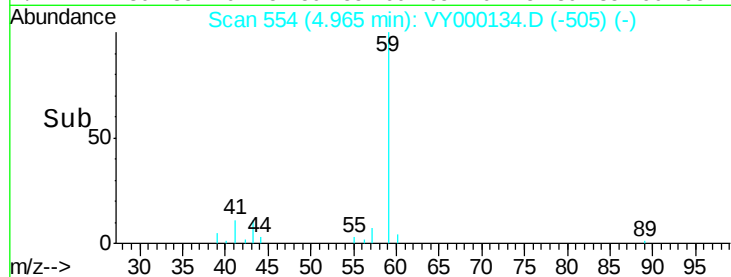
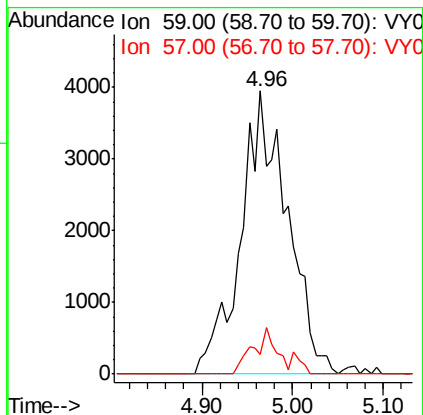
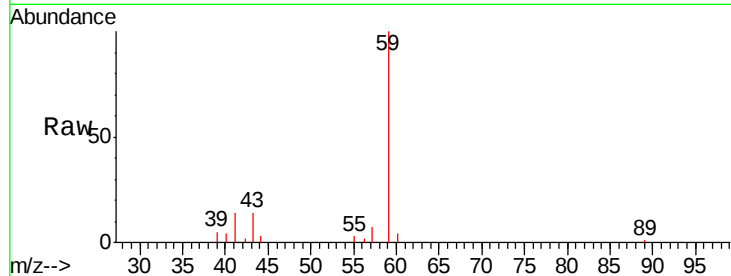


#11

Tert butyl alcohol
Concen: 104.852 ug/l
RT: 4.96 min Scan# 554
Delta R.T. 0.00 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01

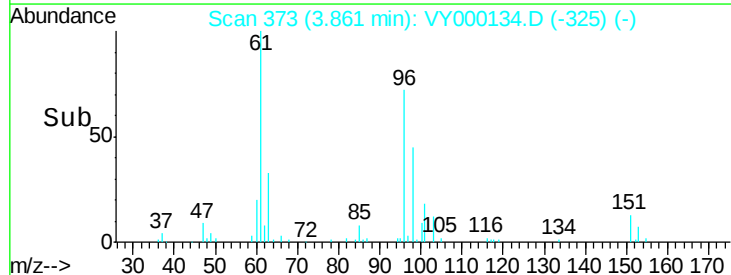
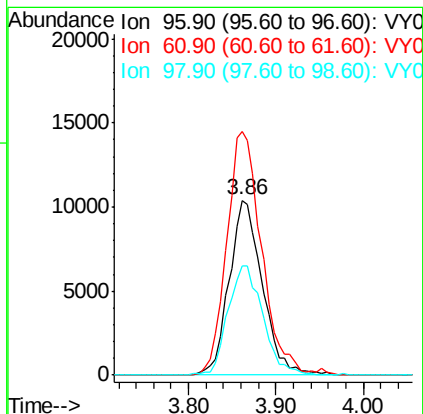
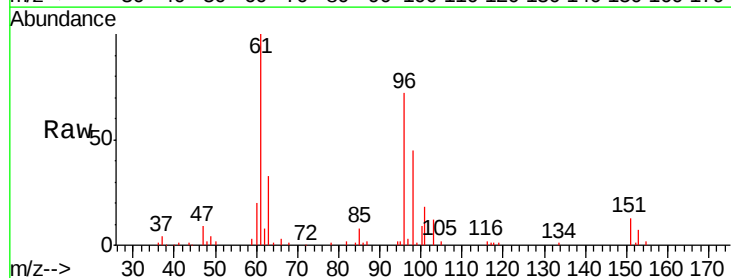
Tgt Ion: 59 Resp: 14009
Ion Ratio Lower Upper
59 100
57 8.1 8.2 12.4#

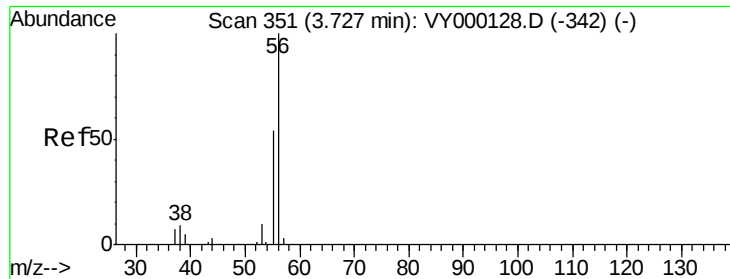


#12

1,1-Dichloroethene
Concen: 20.260 ug/l
RT: 3.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

Tgt Ion: 96 Resp: 27431
Ion Ratio Lower Upper
96 100
61 139.3 119.8 179.6
98 62.6 48.8 73.2

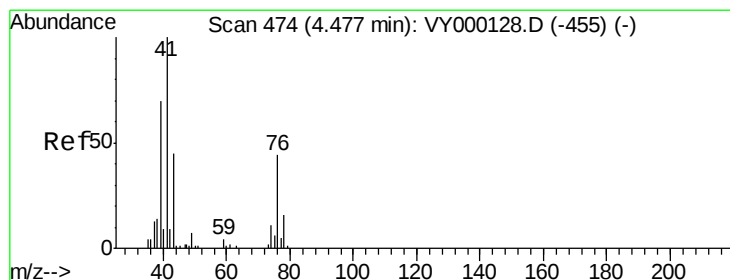
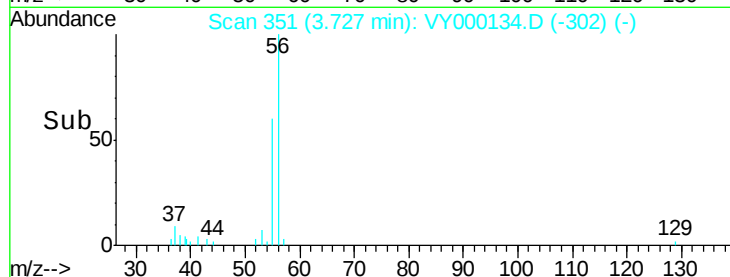
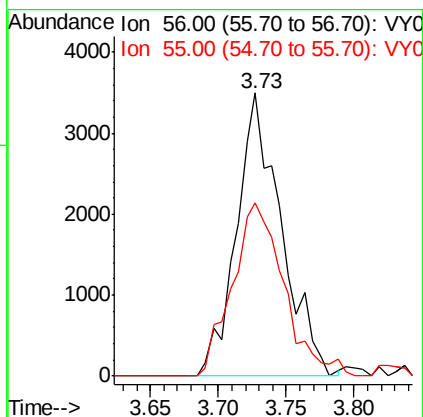
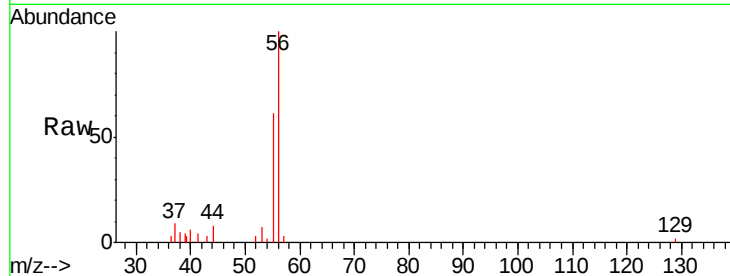




#13
Acrolein
Concen: 147.758 ug/l
RT: 3.73 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

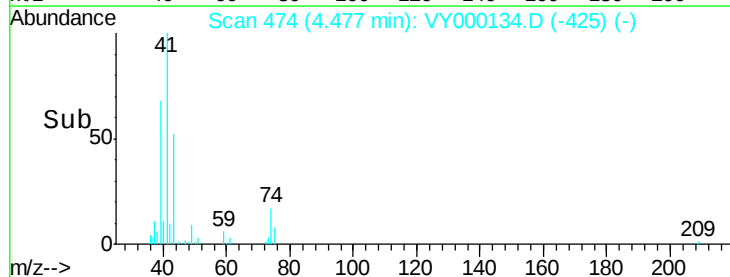
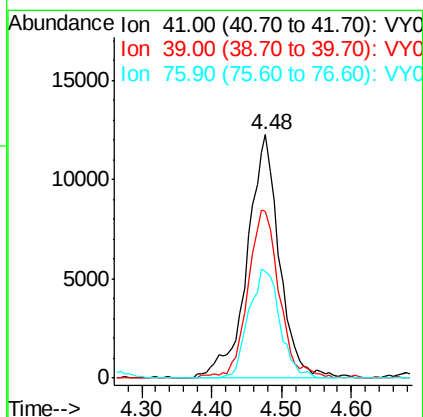
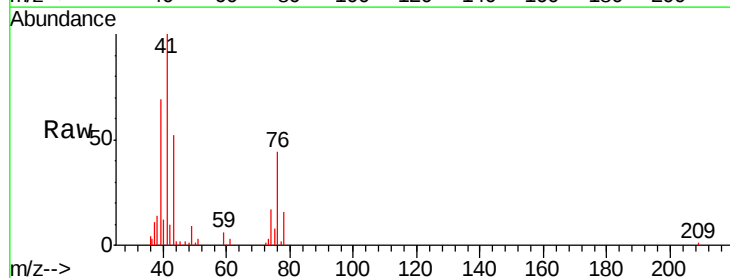
Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01

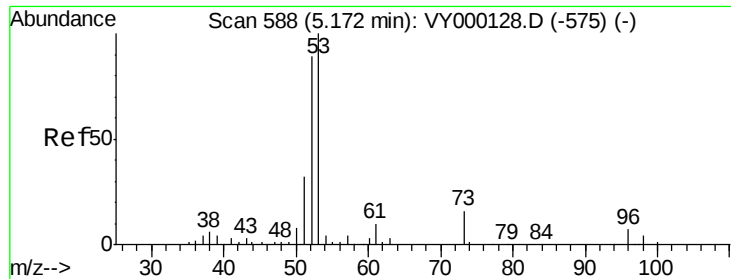
Tgt Ion: 56 Resp: 8021
Ion Ratio Lower Upper
56 100
55 70.7 49.4 74.0



#14
Allyl chloride
Concen: 20.437 ug/l
RT: 4.48 min Scan# 474
Delta R.T. 0.00 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

Tgt Ion: 41 Resp: 39059
Ion Ratio Lower Upper
41 100
39 67.7 52.7 79.1
76 43.7 36.6 55.0





#15

Acrylonitrile

Concen: 104.332 ug/l

RT: 5.17 min Scan# 587

Delta R.T. -0.01 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0923SBS01

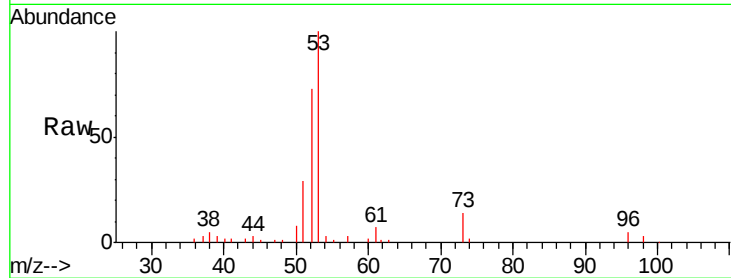
Tgt Ion: 53 Resp: 42861

Ion Ratio Lower Upper

53 100

52 76.6 63.8 95.8

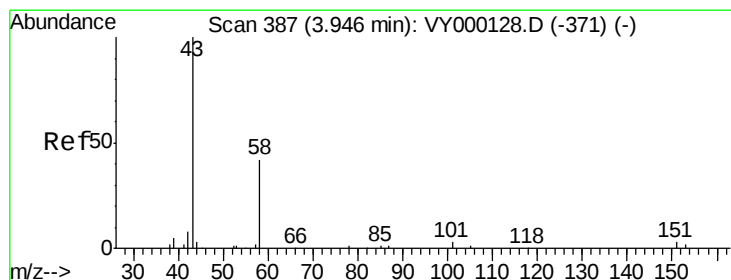
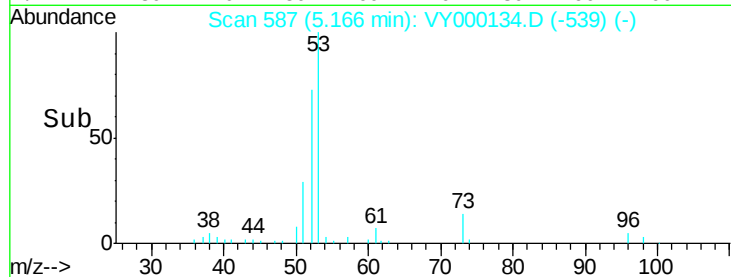
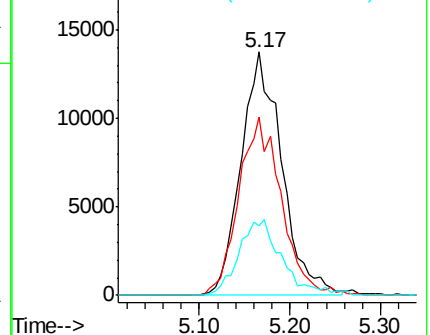
51 33.0 26.6 40.0



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: 100.449 ug/l

RT: 3.96 min Scan# 389

Delta R.T. 0.01 min

Lab File: VY000134.D

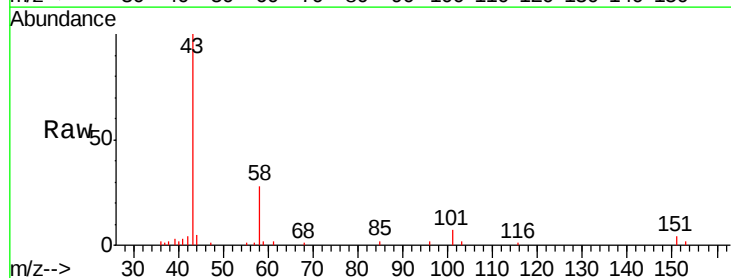
Acq: 23 Sep 2019 16:16

Tgt Ion: 43 Resp: 25270

Ion Ratio Lower Upper

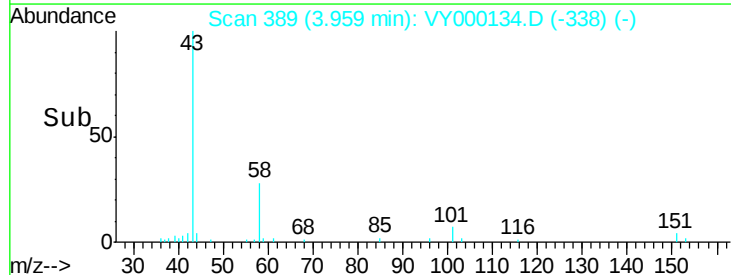
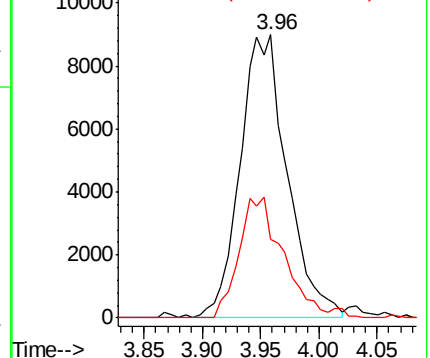
43 100

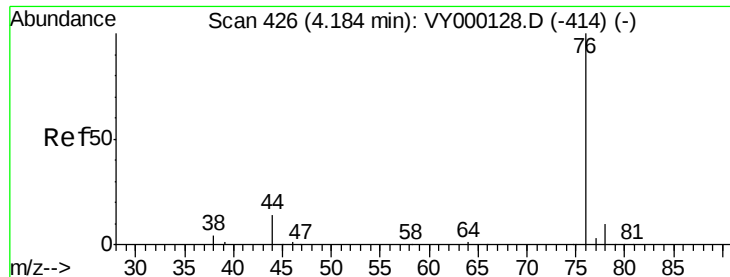
58 27.9 33.5 50.3#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

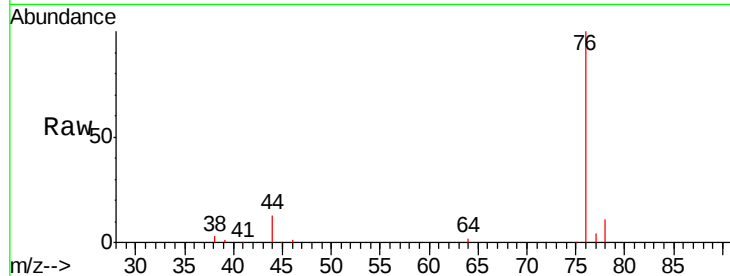




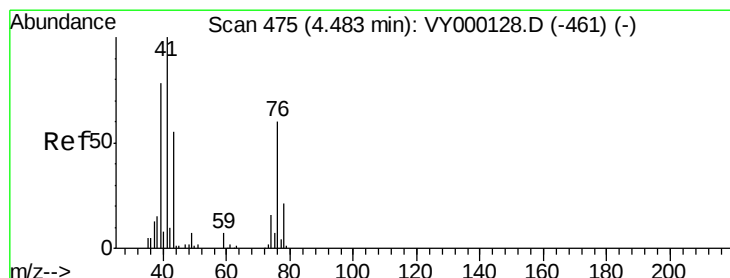
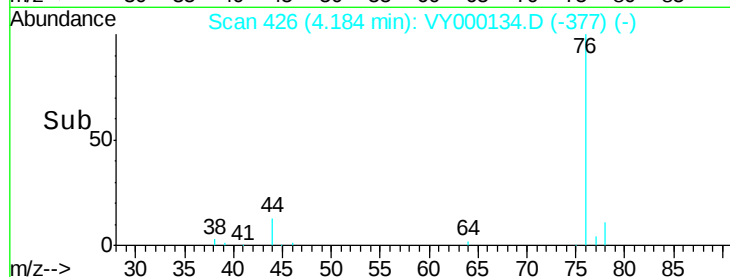
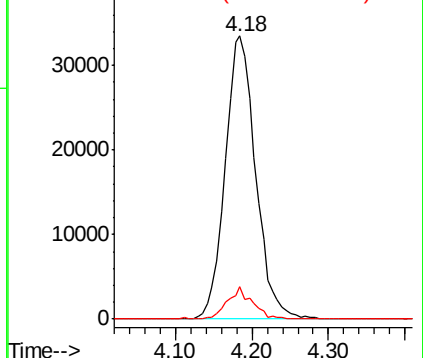
#17
Carbon Disulfide
Concen: 19.795 ug/l
RT: 4.18 min Scan# 426
Delta R.T. 0.00 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01

Tgt Ion: 76 Resp: 92342
Ion Ratio Lower Upper
76 100
78 11.4 7.9 11.9

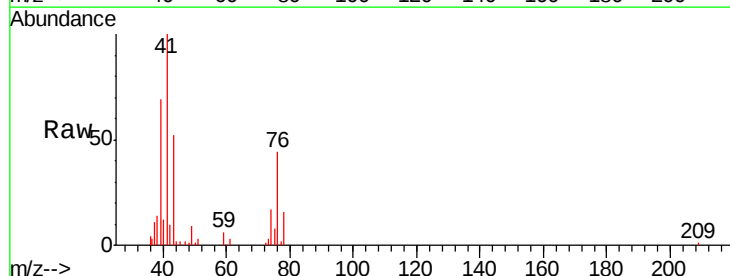


Abundance Ion 75.90 (75.60 to 76.60): VY0
Ion 77.90 (77.60 to 78.60): VY0

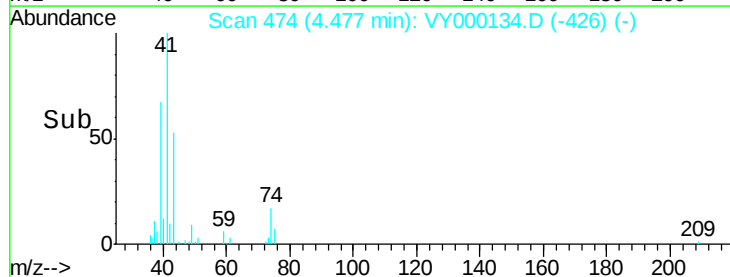
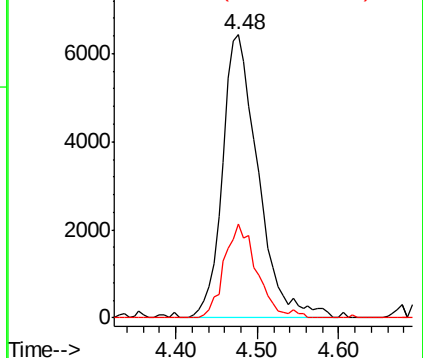


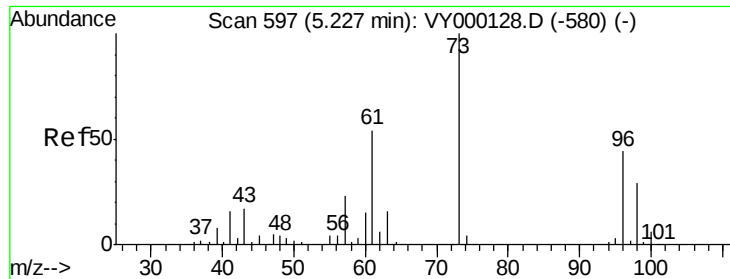
#18
Methyl Acetate
Concen: 21.092 ug/l
RT: 4.48 min Scan# 474
Delta R.T. -0.01 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

Tgt Ion: 43 Resp: 19438
Ion Ratio Lower Upper
43 100
74 29.7 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 74.00 (73.70 to 74.70): VY0

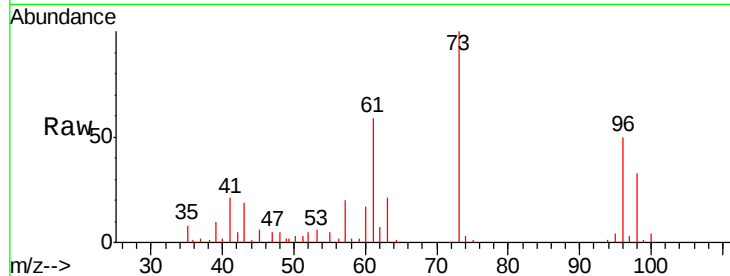




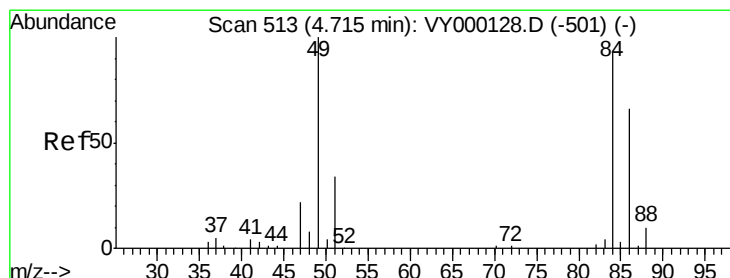
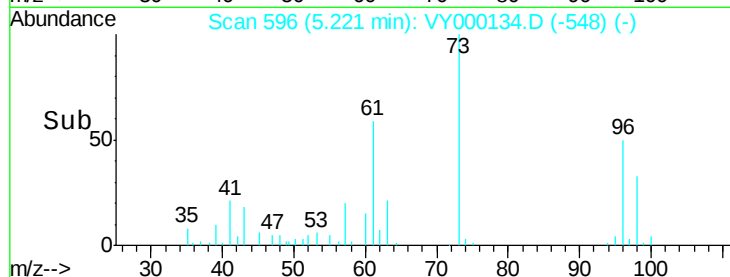
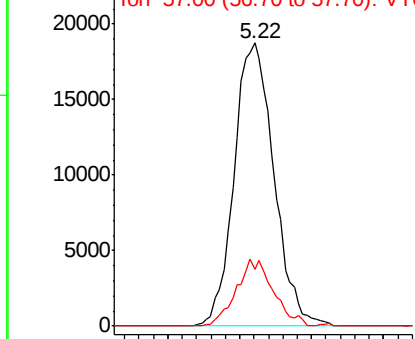
#19
Methyl tert-butyl Ether
Concen: 20.445 ug/l
RT: 5.22 min Scan# 596
Delta R.T. -0.01 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01

Tgt Ion: 73 Resp: 71928
Ion Ratio Lower Upper
73 100
57 19.9 18.3 27.5

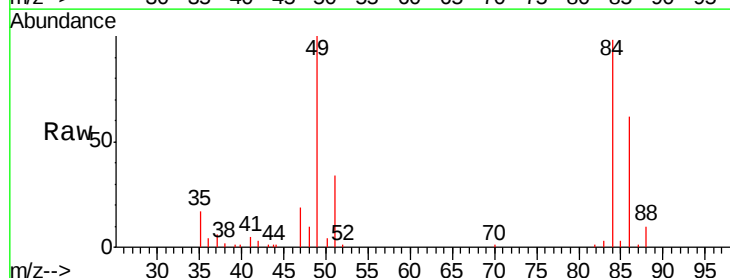


Abundance Ion 73.00 (72.70 to 73.70): VY0
Ion 57.00 (56.70 to 57.70): VY0

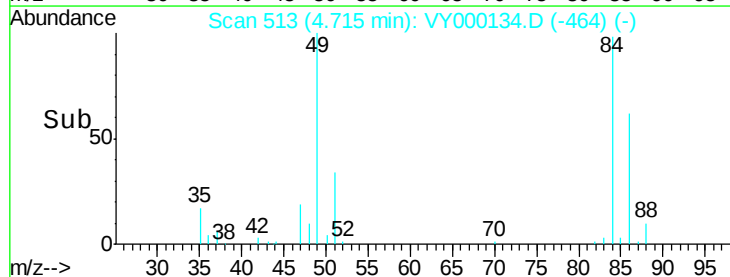
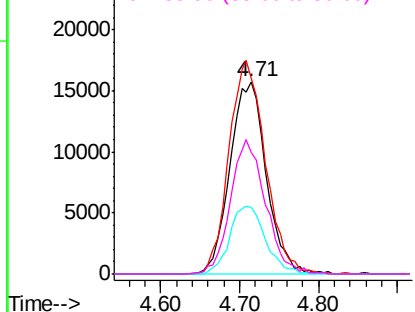


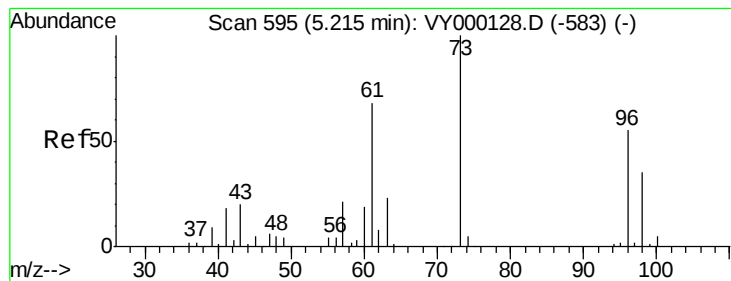
#20
Methylene Chloride
Concen: 29.813 ug/l
RT: 4.71 min Scan# 513
Delta R.T. 0.00 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

Tgt Ion: 84 Resp: 50402
Ion Ratio Lower Upper
84 100
49 102.1 85.8 128.6
51 34.3 29.2 43.8
86 63.1 56.8 85.2



Abundance Ion 83.90 (83.60 to 84.60): VY0
Ion 48.90 (48.60 to 49.60): VY0
Ion 50.90 (50.60 to 51.60): VY0
Ion 85.90 (85.60 to 86.60): VY0





#21

trans-1,2-Dichloroethene

Concen: 20.276 ug/l

RT: 5.21 min Scan# 595

Delta R.T. 0.00 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0923SBS01

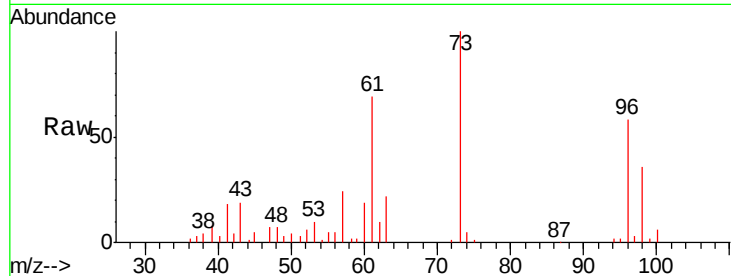
Tgt Ion: 96 Resp: 30958

Ion Ratio Lower Upper

96 100

61 119.1 99.0 148.6

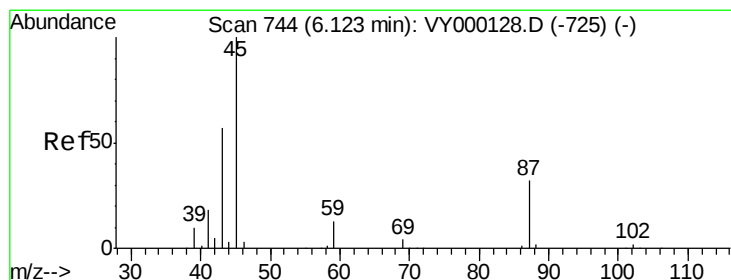
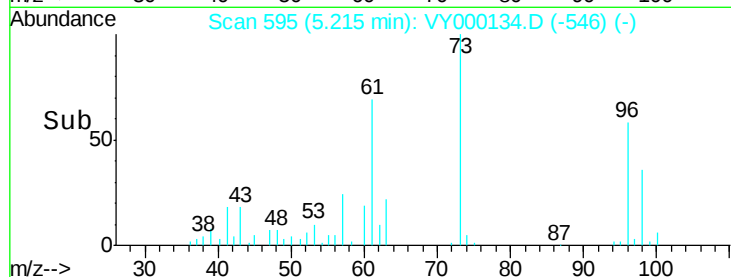
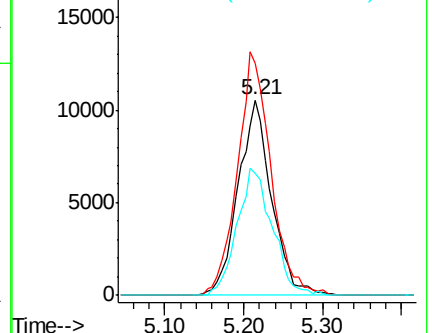
98 62.5 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 20.190 ug/l

RT: 6.11 min Scan# 742

Delta R.T. -0.01 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Tgt Ion: 45 Resp: 82267

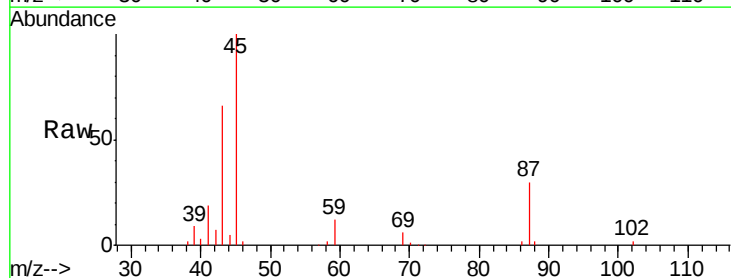
Ion Ratio Lower Upper

45 100

43 65.9 48.2 72.4

87 29.6 25.9 38.9

59 12.0 10.2 15.2

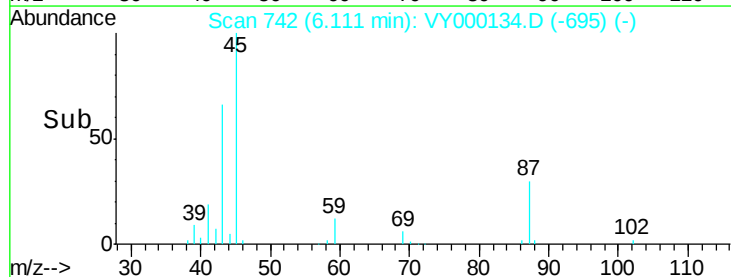
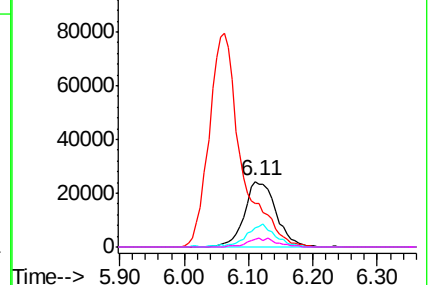


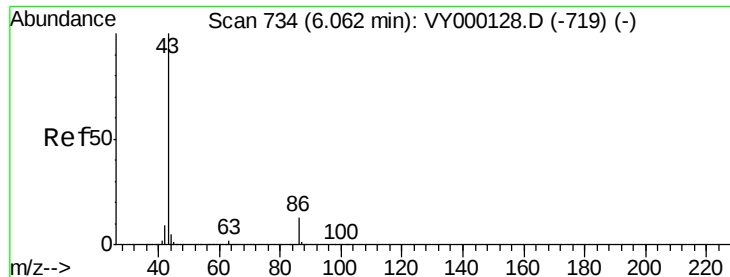
Abundance Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 101.399 ug/l

RT: 6.06 min Scan# 734

Delta R.T. 0.00 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

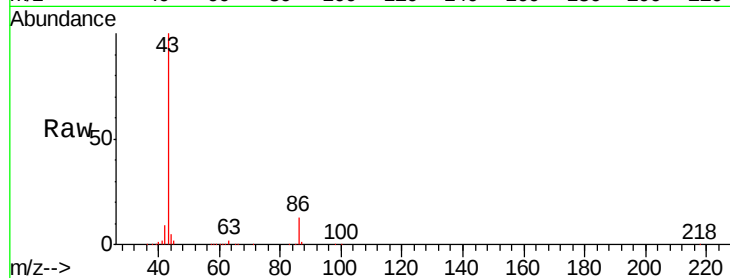
VY0923SBS01

Tgt Ion: 43 Resp: 275350

Ion Ratio Lower Upper

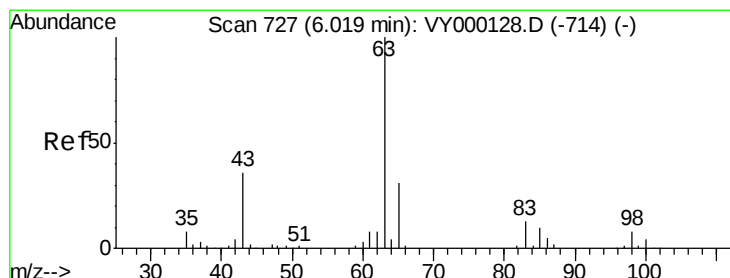
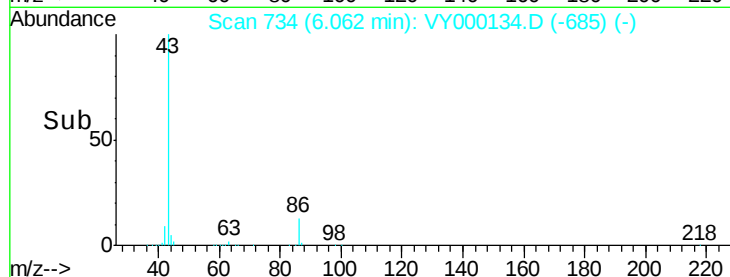
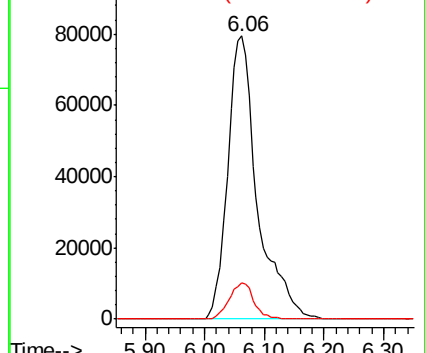
43 100

86 13.1 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 19.798 ug/l

RT: 6.01 min Scan# 726

Delta R.T. -0.01 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

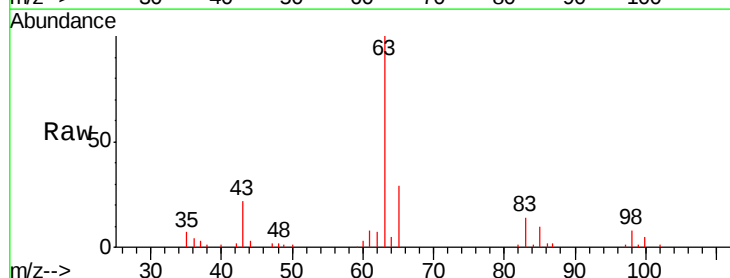
Tgt Ion: 63 Resp: 48056

Ion Ratio Lower Upper

63 100

98 8.3 3.9 11.7

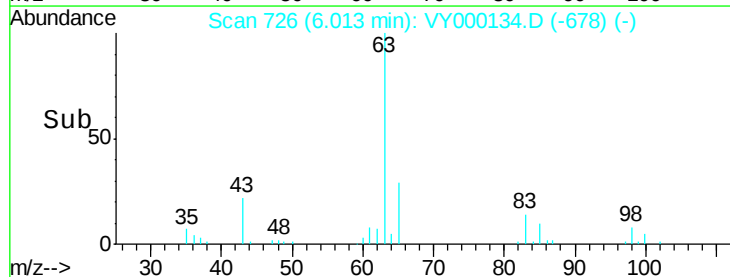
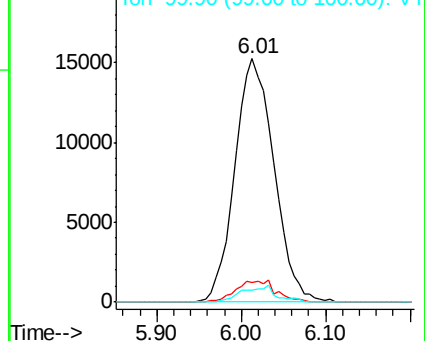
100 4.7 2.2 6.6

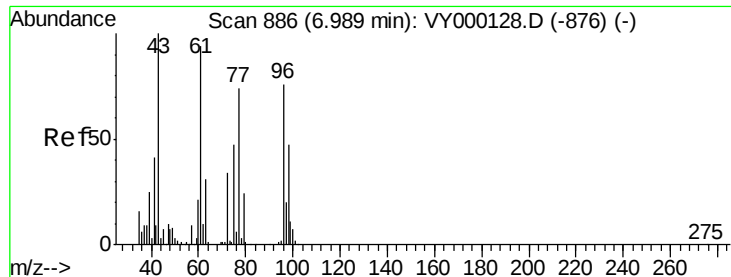


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 102.941 ug/l

RT: 6.99 min Scan# 886

Delta R.T. 0.00 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

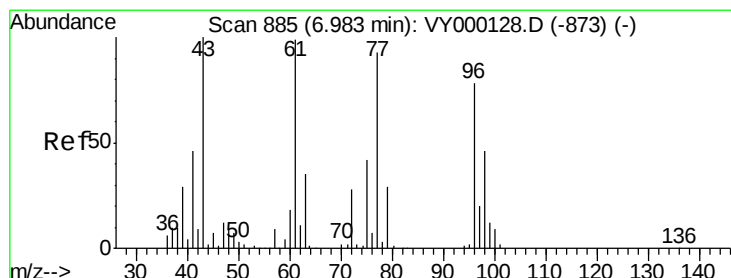
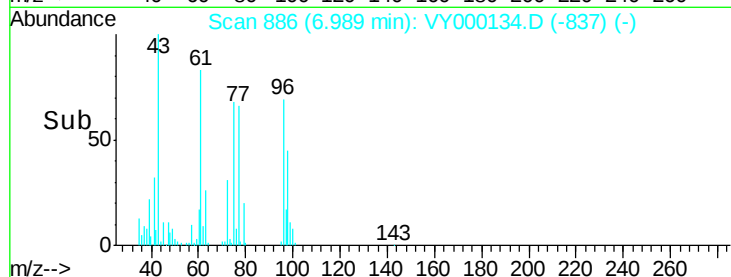
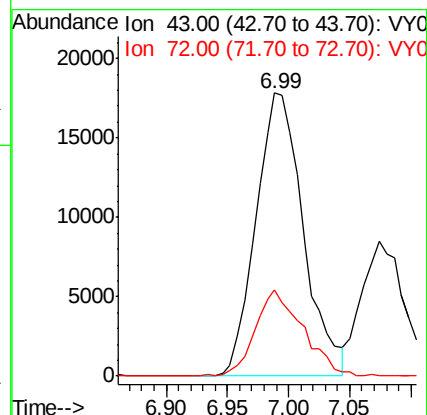
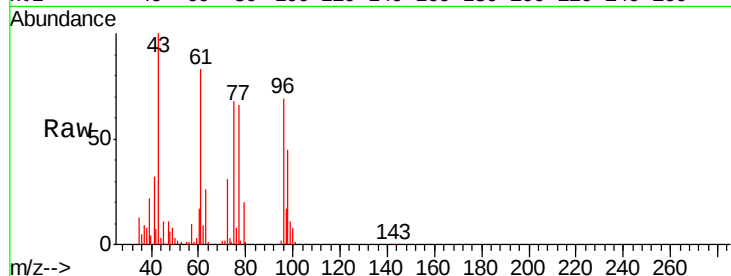
VY0923SBS01

Tgt Ion: 43 Resp: 48047

Ion Ratio Lower Upper

43 100

72 30.5 27.0 40.6



#26

2,2-Dichloropropane

Concen: 18.306 ug/l

RT: 6.98 min Scan# 885

Delta R.T. 0.00 min

Lab File: VY000134.D

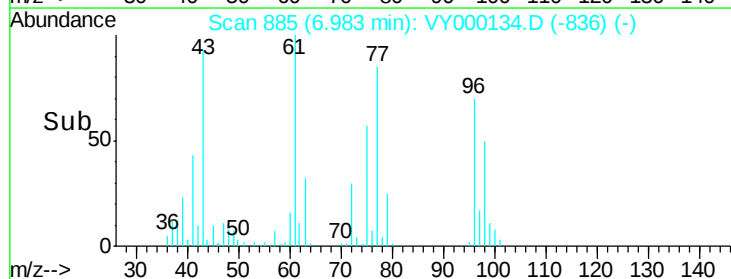
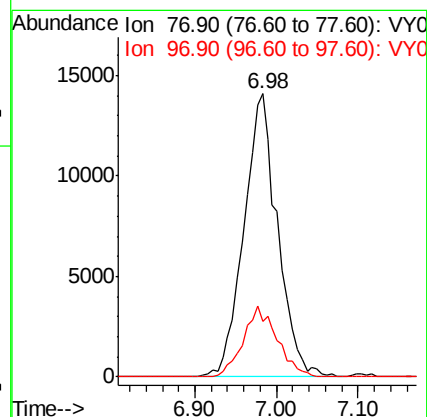
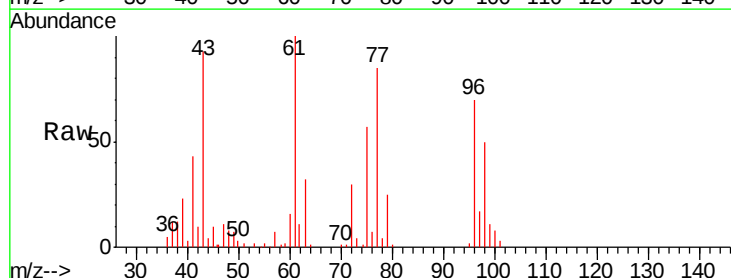
Acq: 23 Sep 2019 16:16

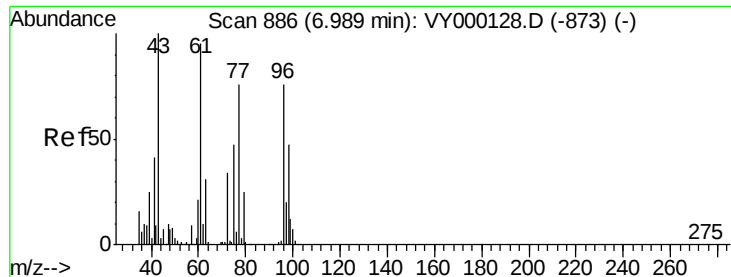
Tgt Ion: 77 Resp: 40268

Ion Ratio Lower Upper

77 100

97 25.0 12.0 36.0



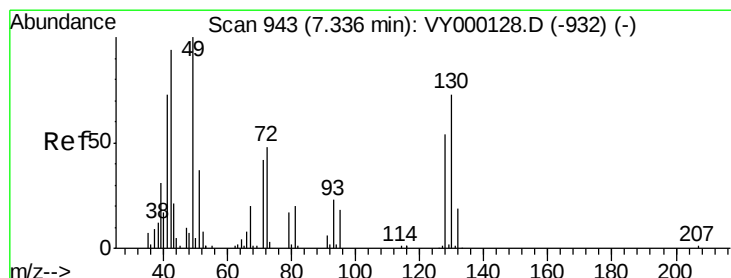
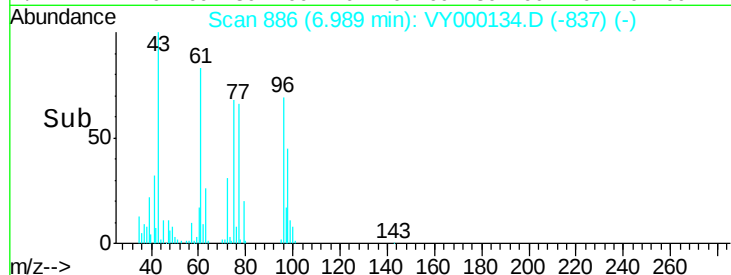
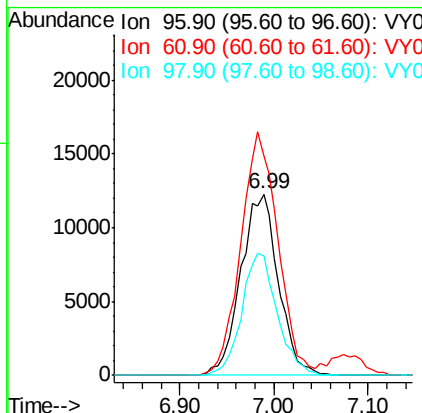
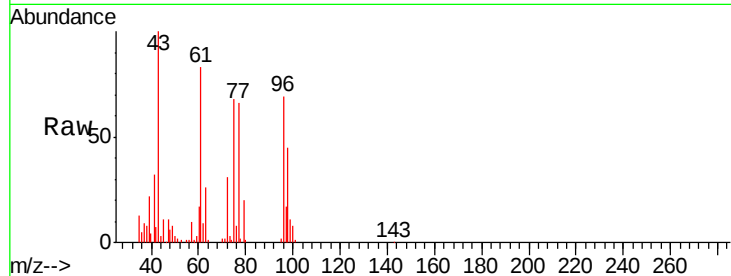


#27

cis-1,2-Dichloroethene
Concen: 20.206 ug/l
RT: 6.99 min Scan# 886
Delta R.T. 0.00 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01

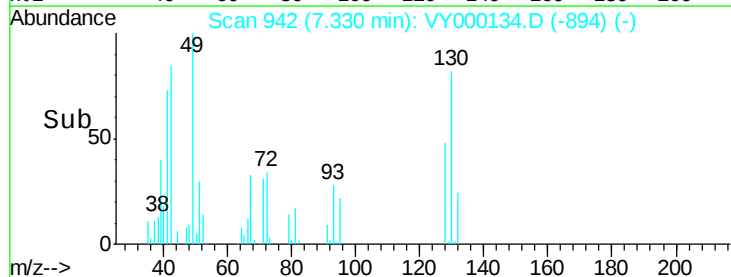
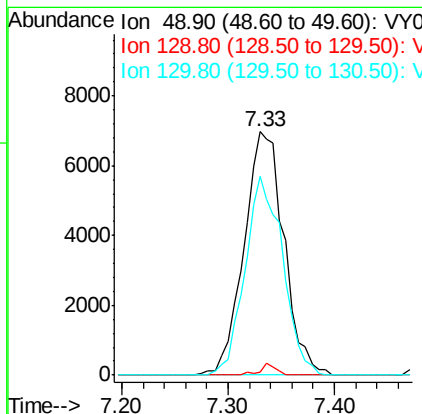
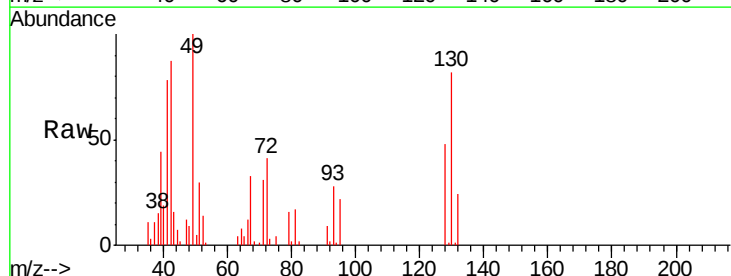
Tgt Ion: 96 Resp: 34338
Ion Ratio Lower Upper
96 100
61 132.8 0.0 254.8
98 63.3 0.0 127.8

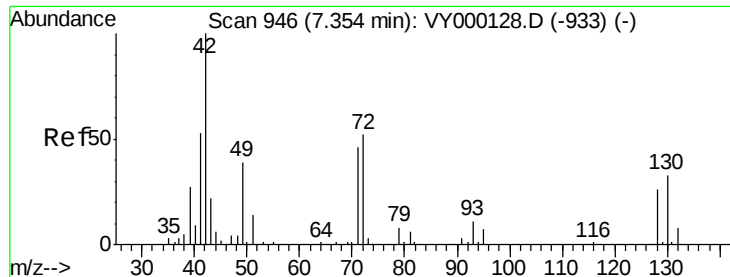


#28

Bromochloromethane
Concen: 19.326 ug/l
RT: 7.33 min Scan# 942
Delta R.T. -0.01 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

Tgt Ion: 49 Resp: 18332
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.4
130 77.1 62.0 93.0

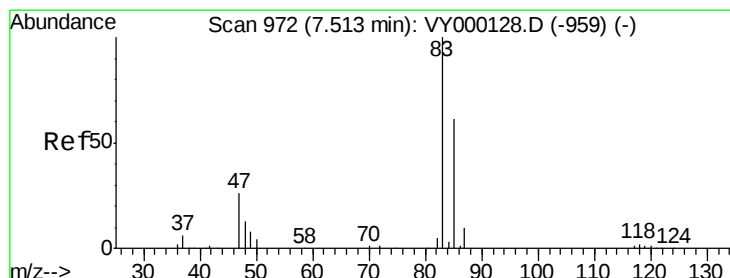
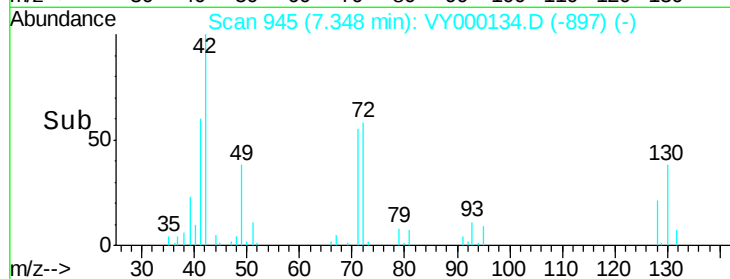
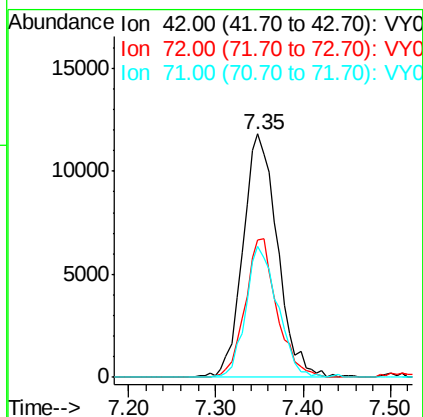
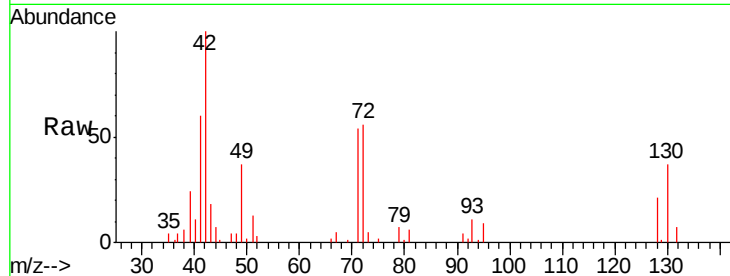




#29
Tetrahydrofuran
Concen: 102.479 ug/l
RT: 7.35 min Scan# 945
Delta R.T. -0.01 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

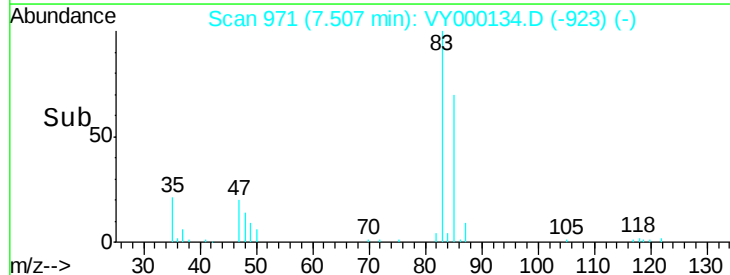
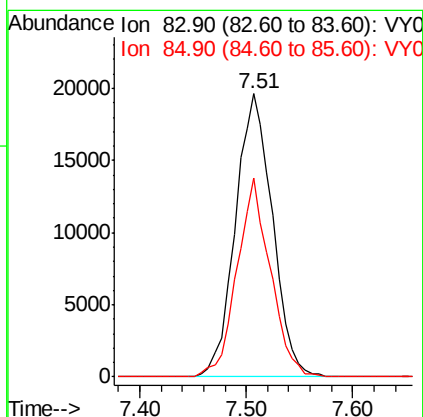
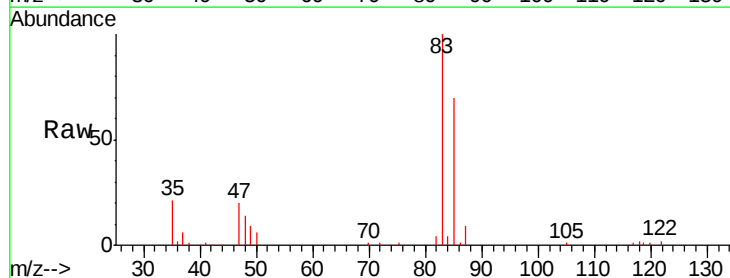
Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01

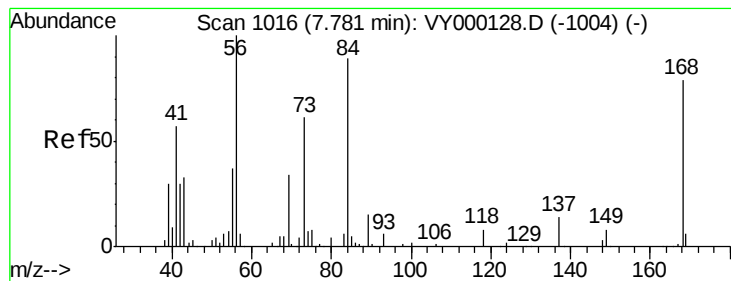
Tgt Ion: 42 Resp: 32391
Ion Ratio Lower Upper
42 100
72 52.3 41.8 62.8
71 49.7 38.6 58.0



#30
Chloroform
Concen: 19.576 ug/l
RT: 7.51 min Scan# 971
Delta R.T. -0.01 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

Tgt Ion: 83 Resp: 47838
Ion Ratio Lower Upper
83 100
85 70.2 49.0 73.6





#31

Cyclohexane

Concen: 19.665 ug/l

RT: 7.78 min Scan# 1016

Delta R.T. 0.00 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0923SBS01

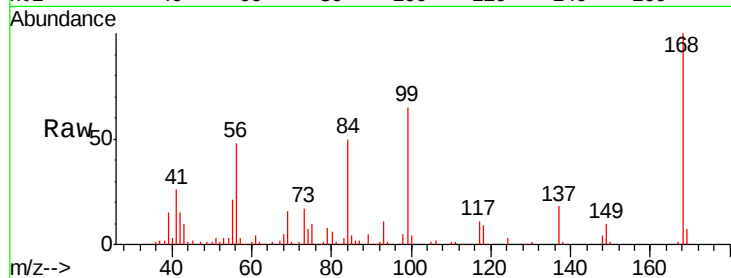
Tgt Ion: 56 Resp: 49499

Ion Ratio Lower Upper

56 100

69 33.8 27.1 40.7

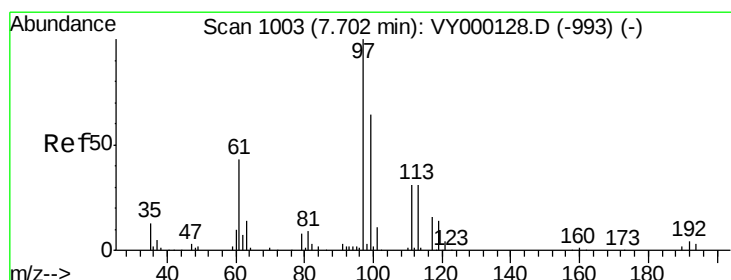
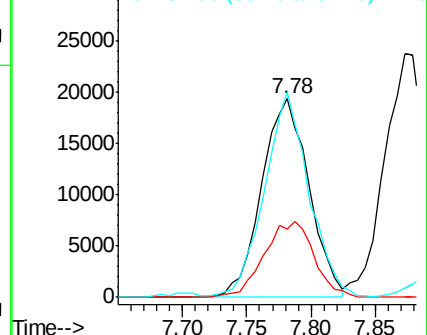
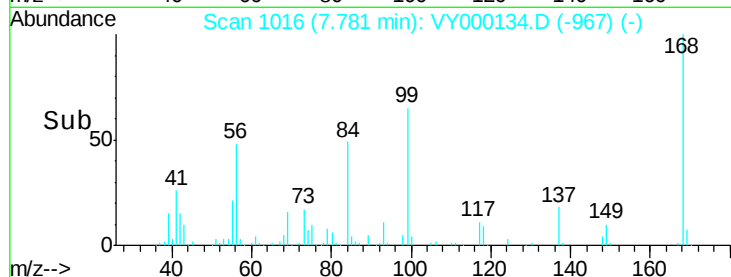
84 100.9 71.3 106.9



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 19.399 ug/l

RT: 7.70 min Scan# 1002

Delta R.T. -0.01 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

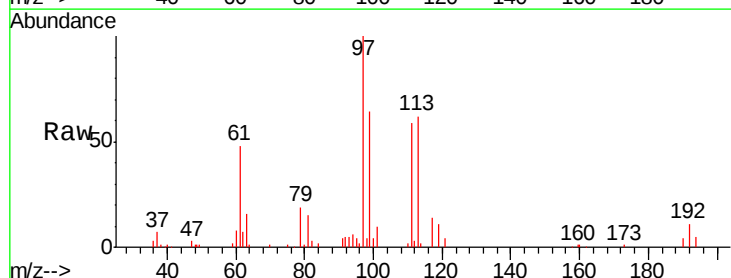
Tgt Ion: 97 Resp: 39002

Ion Ratio Lower Upper

97 100

99 64.0 51.3 76.9

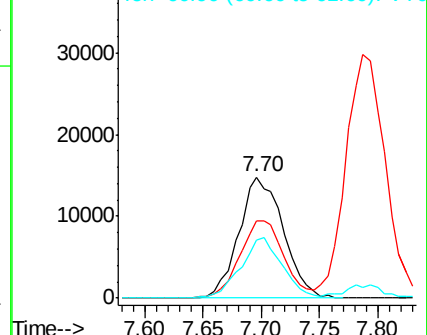
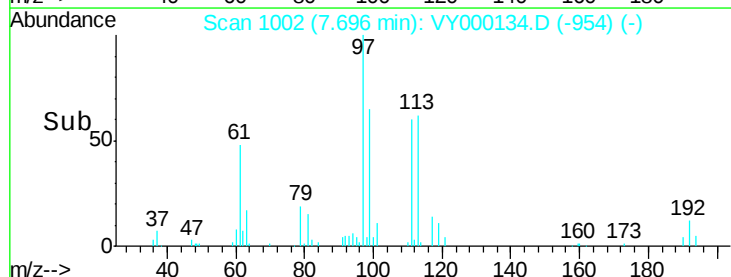
61 46.5 36.0 54.0

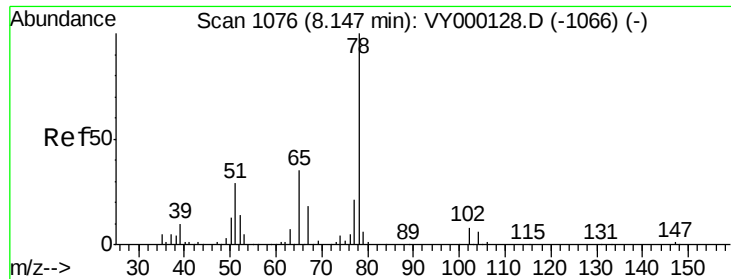


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

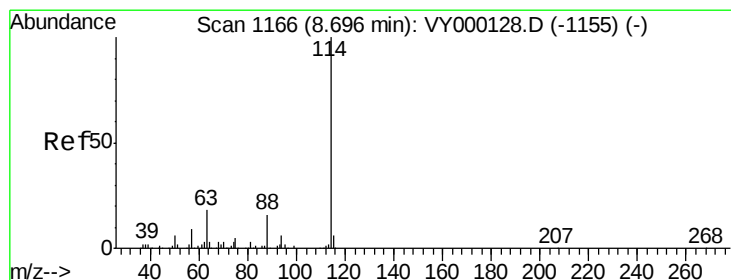
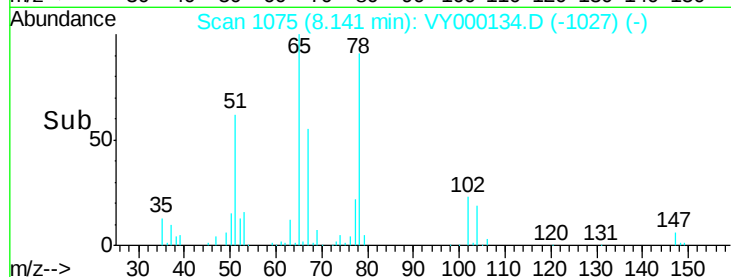
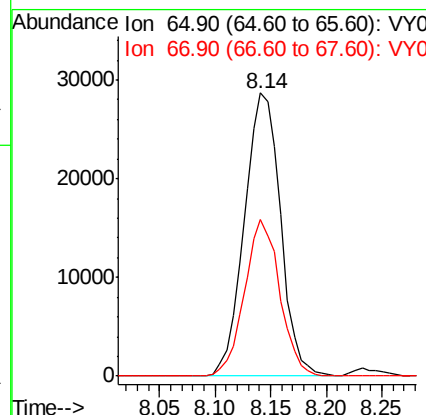
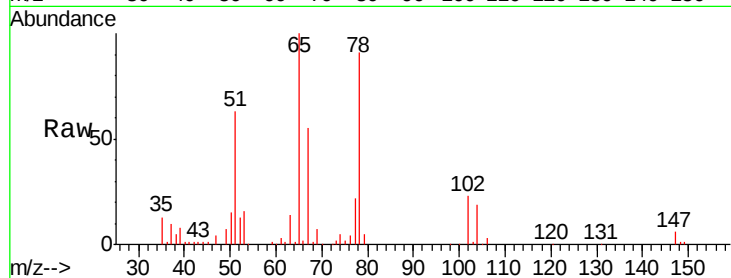




#33
 1,2-Dichloroethane-d4
 Concen: 50.102 ug/l
 RT: 8.14 min Scan# 1075
 Delta R.T. -0.01 min
 Lab File: VY000134.D
 Acq: 23 Sep 2019 16:16

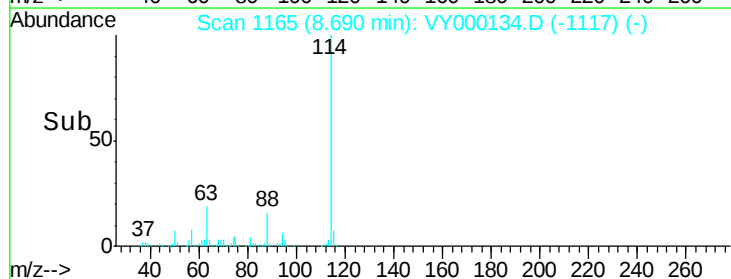
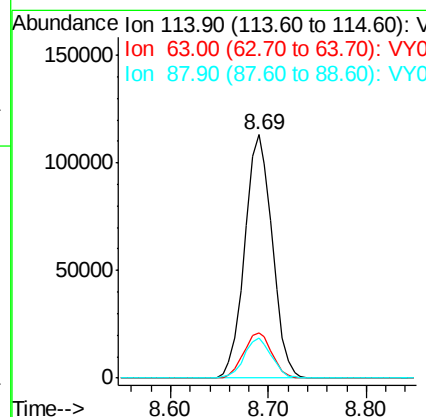
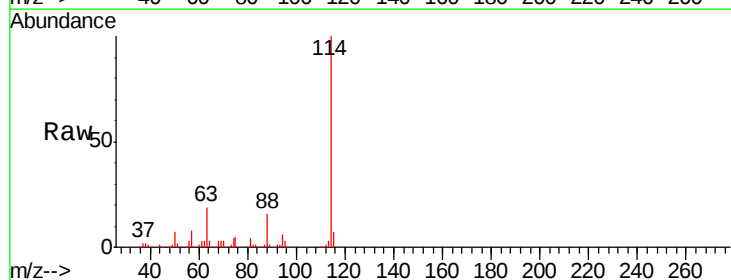
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0923SBS01

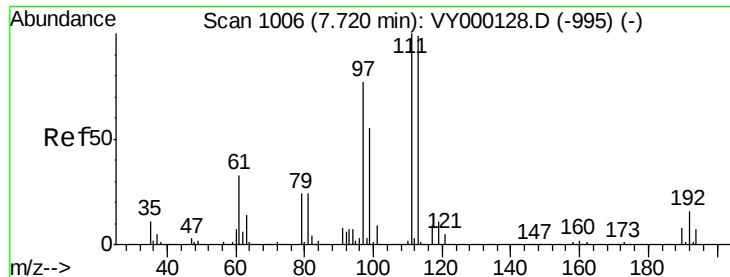
Tgt Ion: 65 Resp: 64837
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: VY000134.D
 Acq: 23 Sep 2019 16:16

Tgt Ion: 114 Resp: 219473
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 35.6
 88 16.4 0.0 31.8

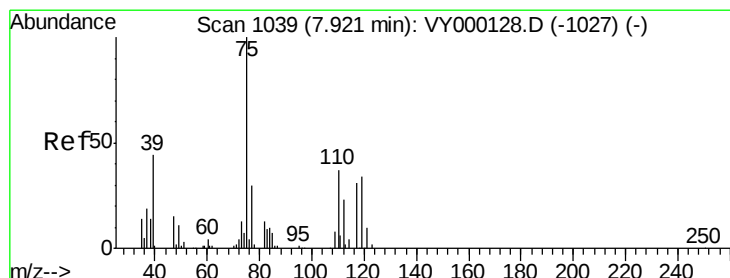
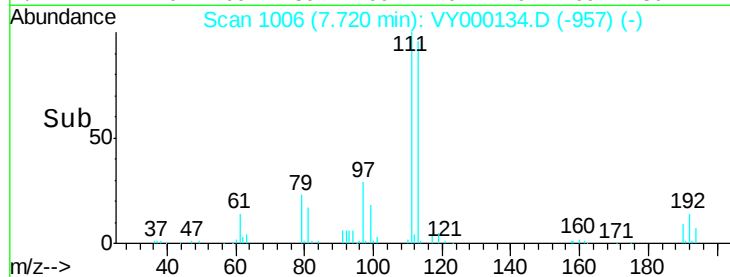
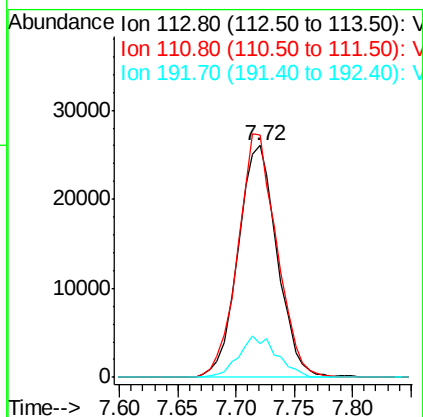
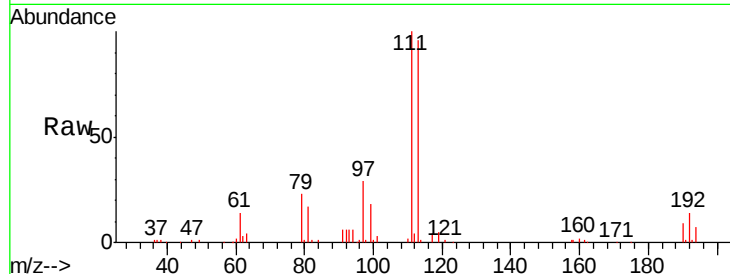




#35
 Dibromofluoromethane
 Concen: 48.216 ug/l
 RT: 7.72 min Scan# 1006
 Delta R.T. 0.00 min
 Lab File: VY000134.D
 Acq: 23 Sep 2019 16:16

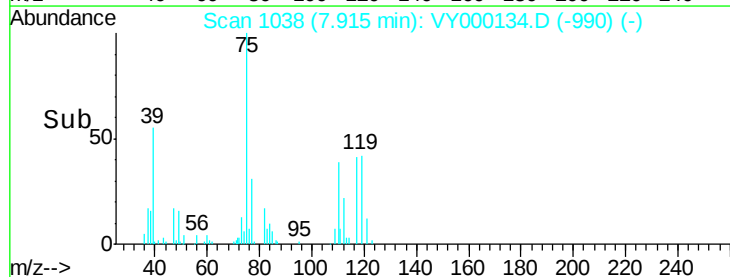
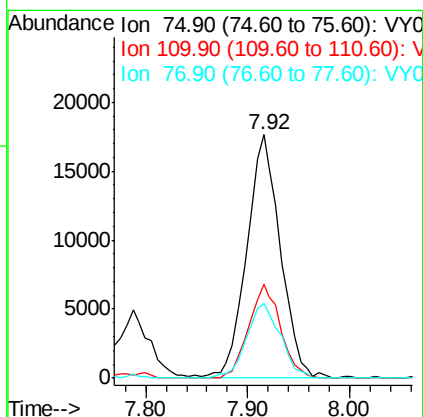
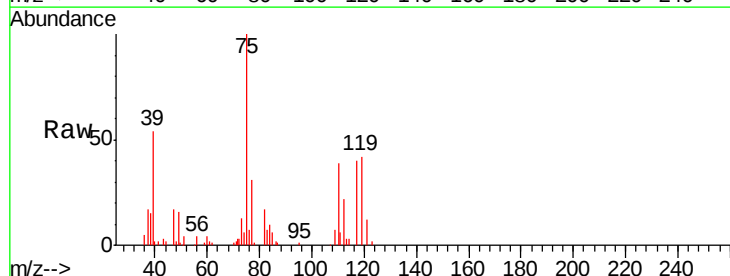
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0923SBS01

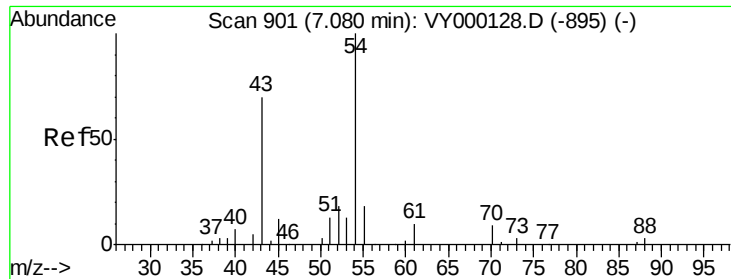
Tgt Ion: 113 Resp: 60762
 Ion Ratio Lower Upper
 113 100
 111 104.3 83.0 124.4
 192 17.5 13.5 20.3



#36
 1,1-Dichloropropene
 Concen: 19.935 ug/l
 RT: 7.92 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: VY000134.D
 Acq: 23 Sep 2019 16:16

Tgt Ion: 75 Resp: 40511
 Ion Ratio Lower Upper
 75 100
 110 36.4 19.1 57.3
 77 31.1 24.7 37.1

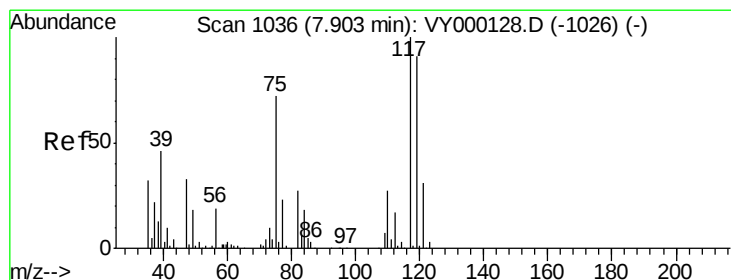
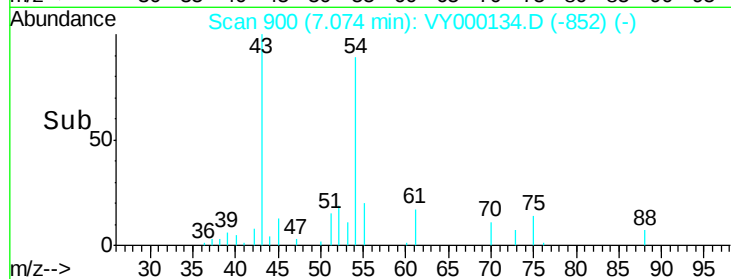
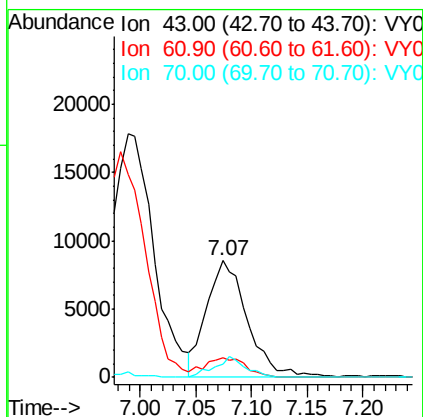
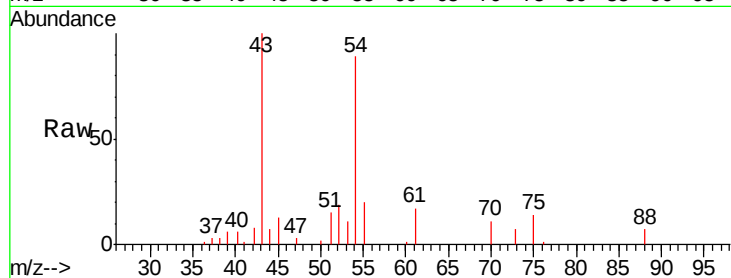




#37
Ethyl Acetate
Concen: 20.072 ug/l
RT: 7.07 min Scan# 900
Delta R.T. -0.01 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

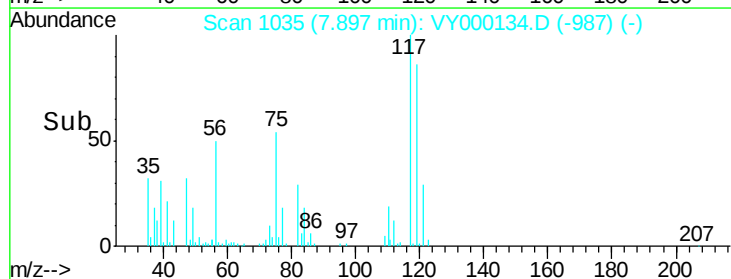
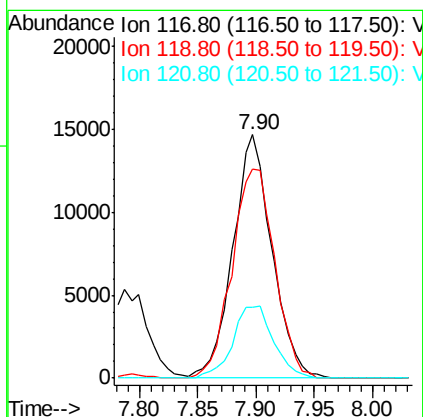
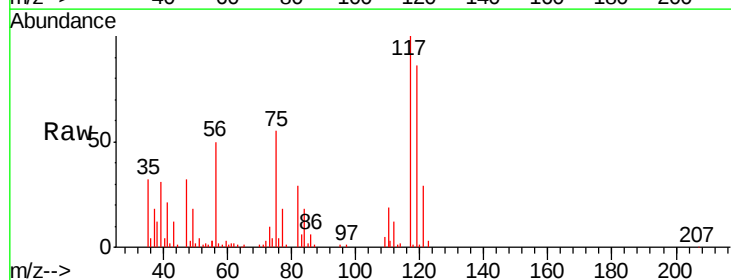
Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01

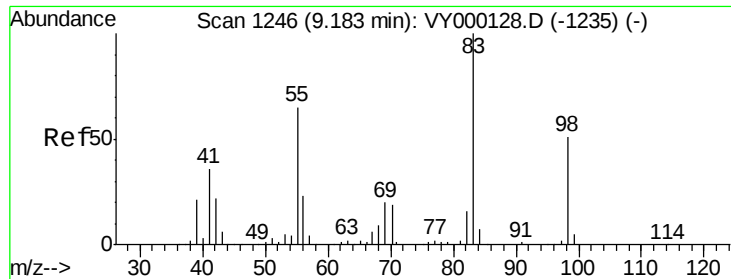
Tgt Ion: 43 Resp: 21541
Ion Ratio Lower Upper
43 100
61 17.3 12.1 18.1
70 13.5 10.0 15.0



#38
Carbon Tetrachloride
Concen: 19.634 ug/l
RT: 7.90 min Scan# 1035
Delta R.T. -0.01 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

Tgt Ion: 117 Resp: 34243
Ion Ratio Lower Upper
117 100
119 85.9 72.6 108.8
121 29.2 24.3 36.5

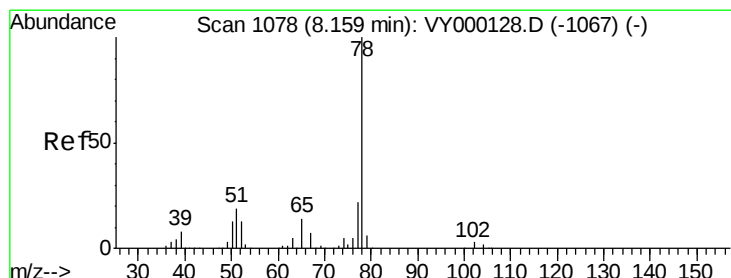
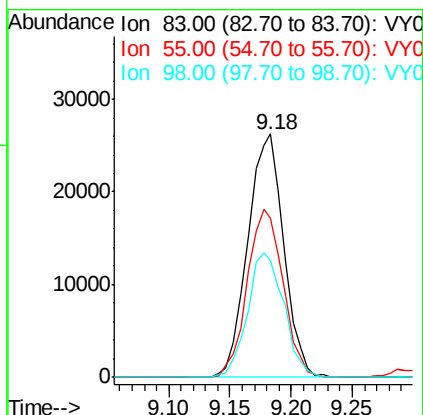
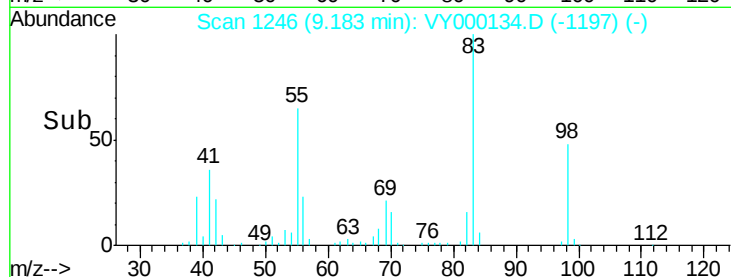
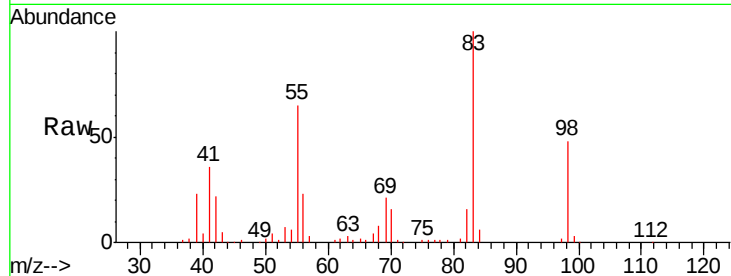




#39
Methylcyclohexane
Concen: 19.205 ug/l
RT: 9.18 min Scan# 1246
Delta R.T. 0.00 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

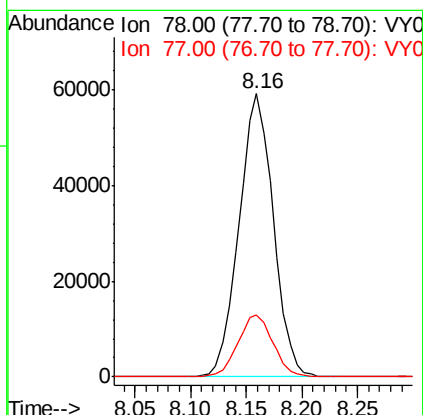
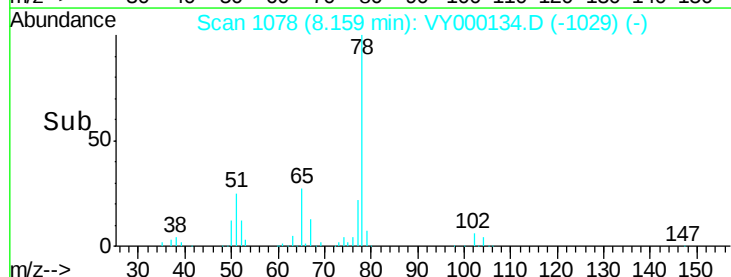
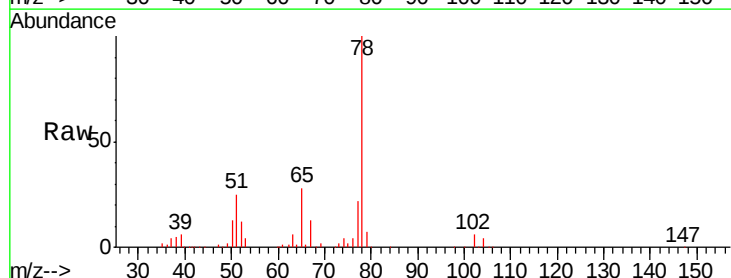
Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01

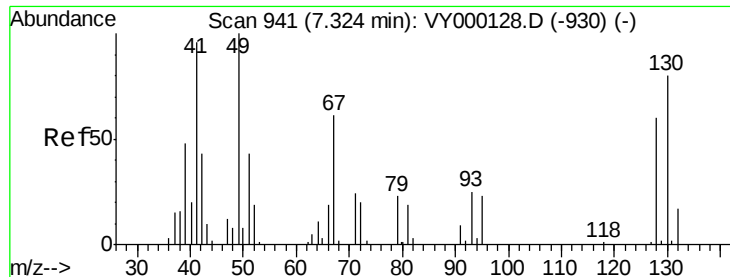
Tgt Ion: 83 Resp: 53677
Ion Ratio Lower Upper
83 100
55 65.5 52.3 78.5
98 48.2 40.6 61.0



#40
Benzene
Concen: 20.164 ug/l
RT: 8.16 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

Tgt Ion: 78 Resp: 126466
Ion Ratio Lower Upper
78 100
77 21.9 17.9 26.9

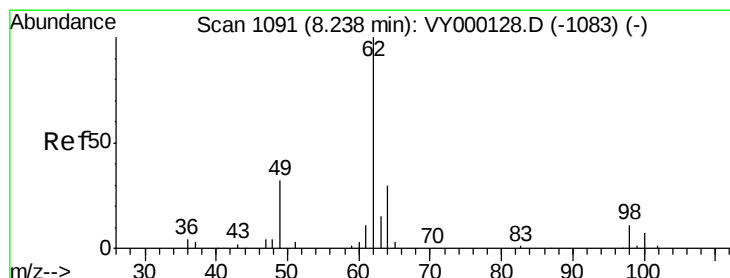
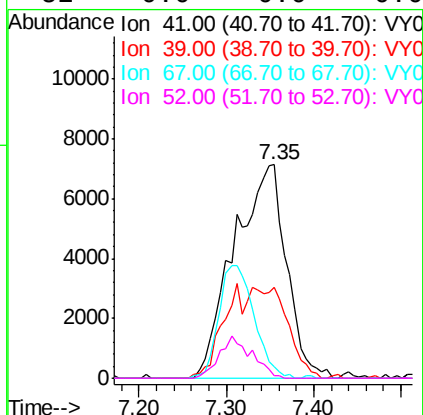
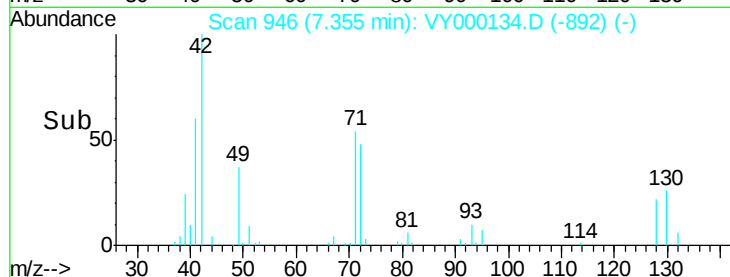
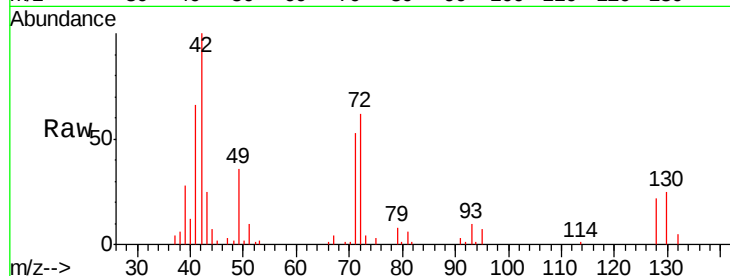




#41
Methacrylonitrile
Concen: 56.230 ug/l
RT: 7.35 min Scan# 946
Delta R.T. 0.03 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

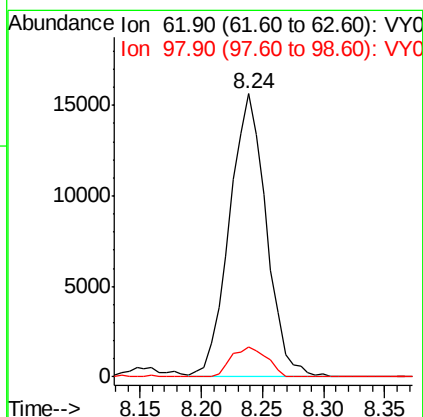
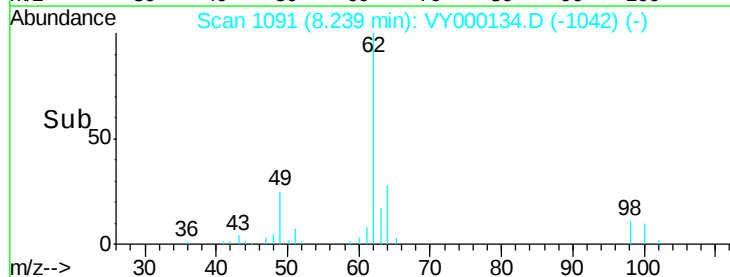
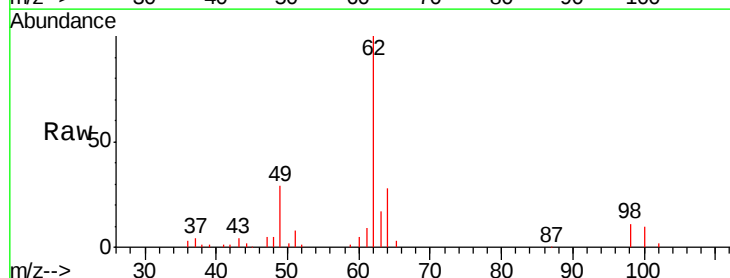
Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01

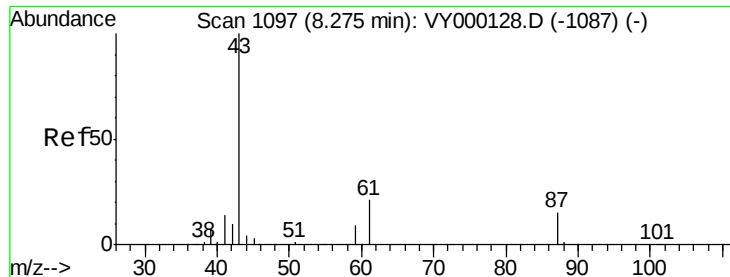
Tgt Ion: 41 Resp: 29711
Ion Ratio Lower Upper
41 100
39 29.3 53.4 80.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 20.390 ug/l
RT: 8.24 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

Tgt Ion: 62 Resp: 32611
Ion Ratio Lower Upper
62 100
98 10.2 0.0 22.4





#43

Isopropyl Acetate

Concen: 19.947 ug/l

RT: 8.28 min Scan# 1097

Delta R.T. 0.00 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0923SBS01

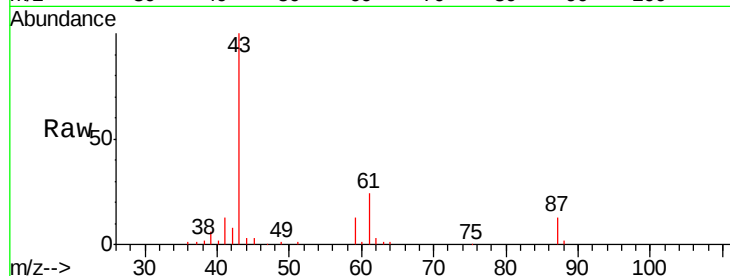
Tgt Ion: 43 Resp: 42819

Ion Ratio Lower Upper

43 100

61 31.0 24.6 37.0

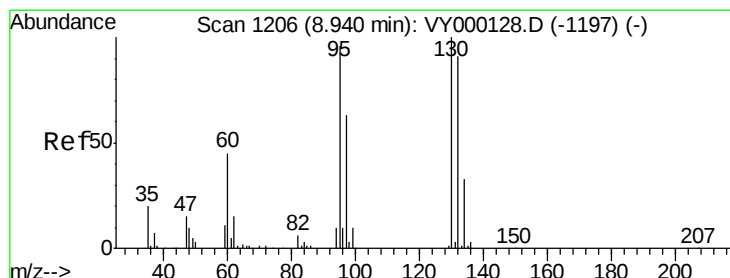
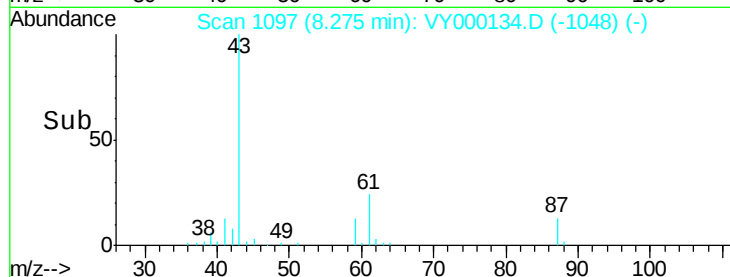
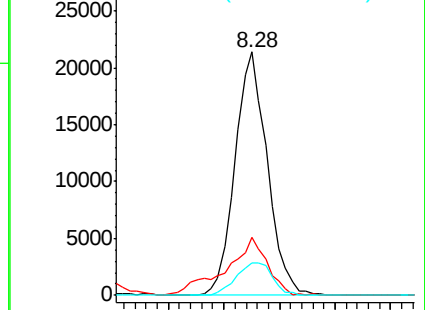
87 15.0 12.5 18.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Ion 87.00 (86.70 to 87.70): VY0



#44

Trichloroethene

Concen: 20.384 ug/l

RT: 8.93 min Scan# 1205

Delta R.T. -0.01 min

Lab File: VY000134.D

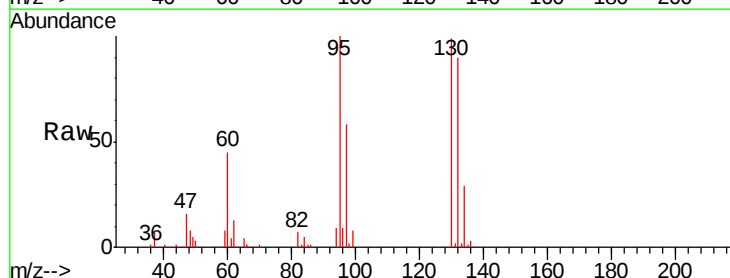
Acq: 23 Sep 2019 16:16

Tgt Ion: 130 Resp: 31744

Ion Ratio Lower Upper

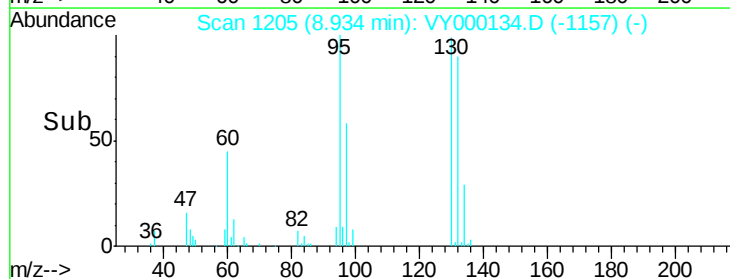
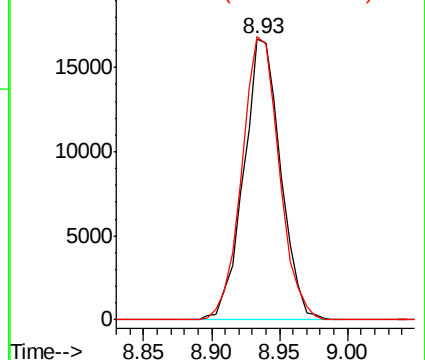
130 100

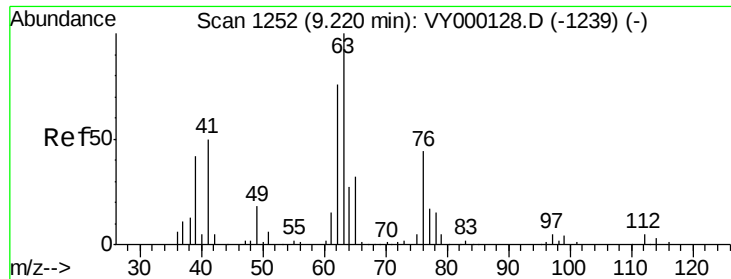
95 100.8 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VY0

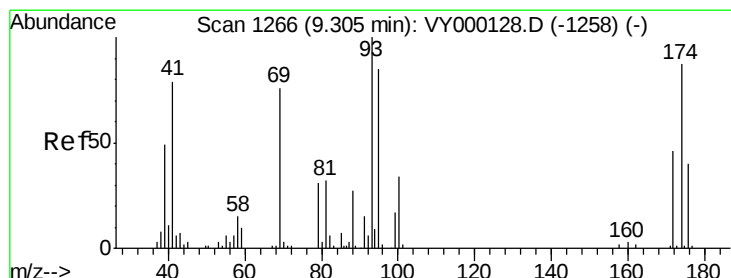
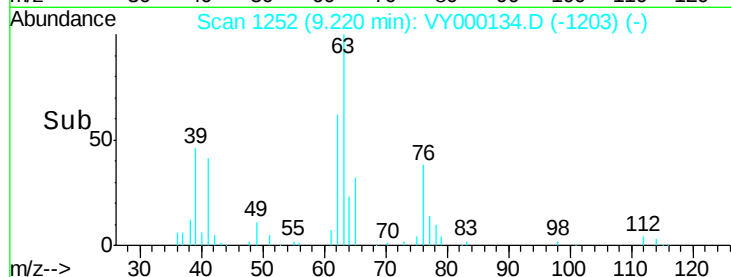
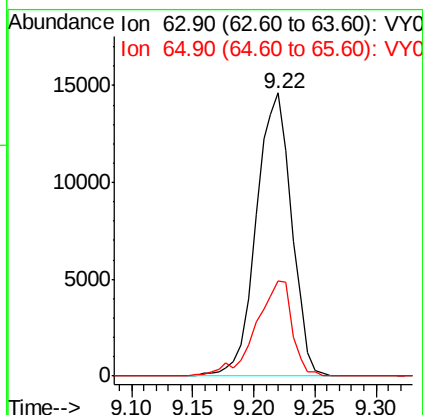
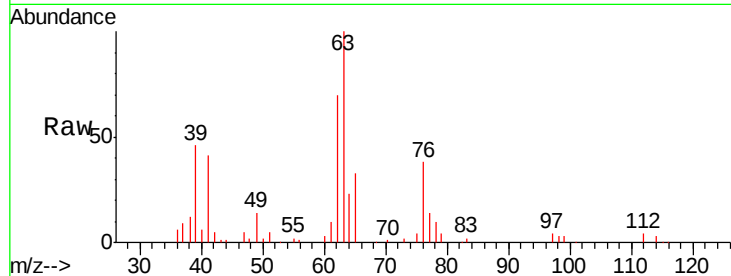




#45
 1,2-Dichloropropane
 Concen: 19.388 ug/l
 RT: 9.22 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VY000134.D
 Acq: 23 Sep 2019 16:16

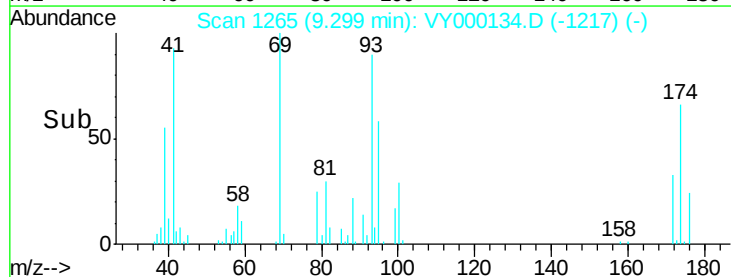
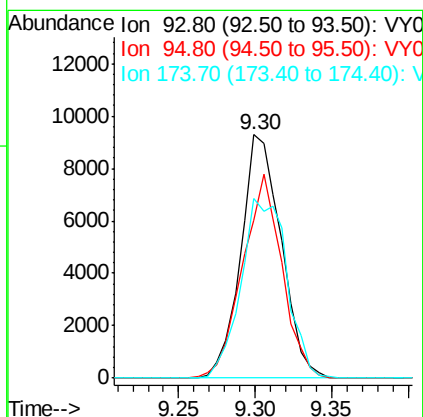
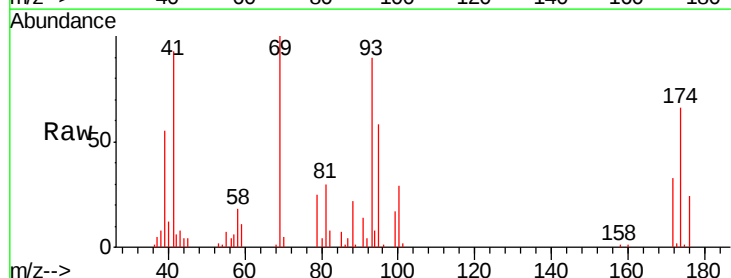
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0923SBS01

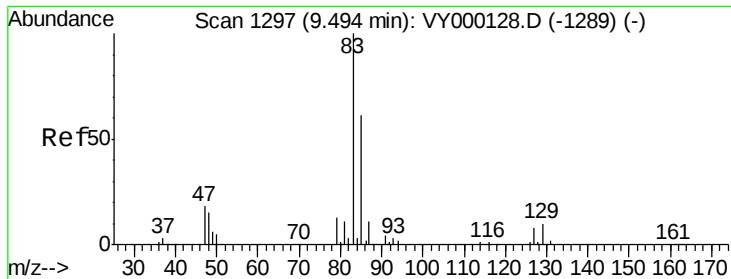
Tgt Ion: 63 Resp: 29370
 Ion Ratio Lower Upper
 63 100
 65 33.5 25.4 38.2



#46
 Dibromomethane
 Concen: 20.214 ug/l
 RT: 9.30 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: VY000134.D
 Acq: 23 Sep 2019 16:16

Tgt Ion: 93 Resp: 17030
 Ion Ratio Lower Upper
 93 100
 95 81.4 68.6 103.0
 174 84.1 69.4 104.0





#47

Bromodichloromethane

Concen: 19.482 ug/l

RT: 9.49 min Scan# 1297

Delta R.T. 0.00 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0923SBS01

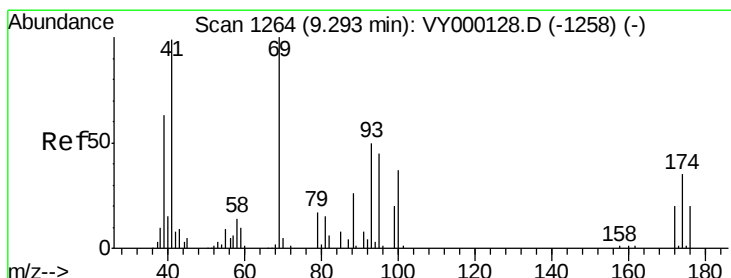
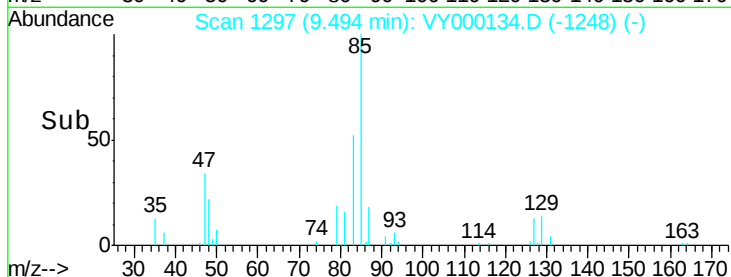
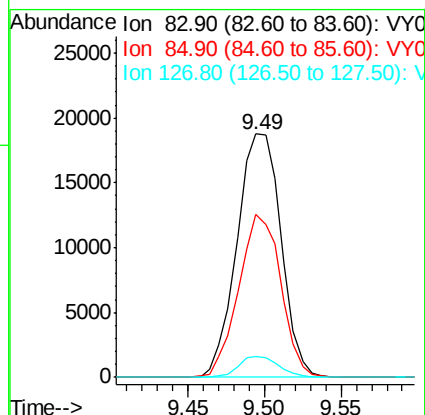
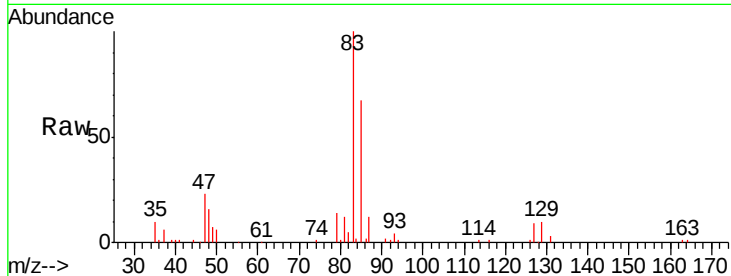
Tgt Ion: 83 Resp: 37581

Ion Ratio Lower Upper

83 100

85 66.7 48.6 73.0

127 8.5 6.2 9.4



#48

Methyl methacrylate

Concen: 19.743 ug/l

RT: 9.29 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

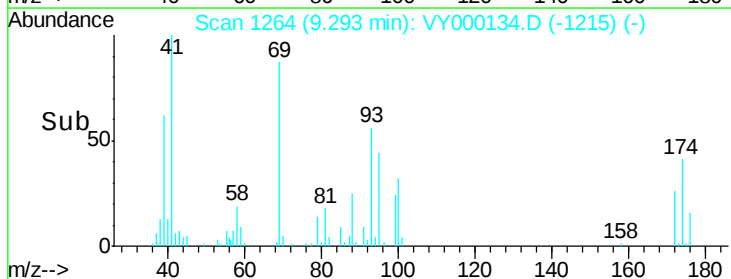
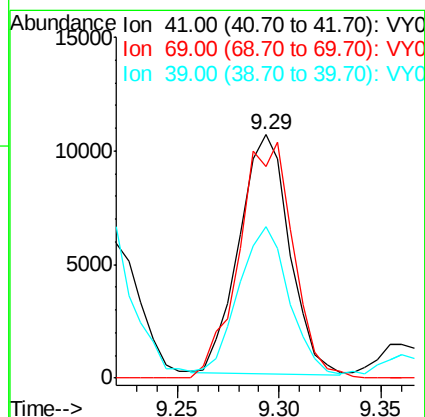
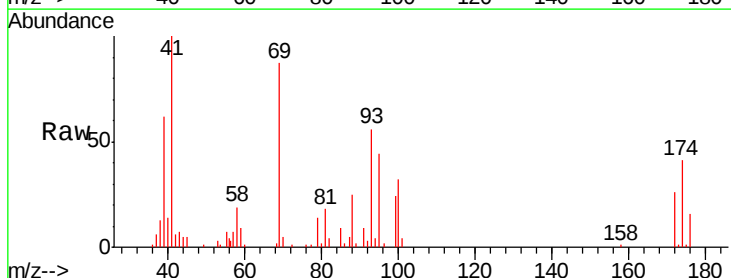
Tgt Ion: 41 Resp: 18111

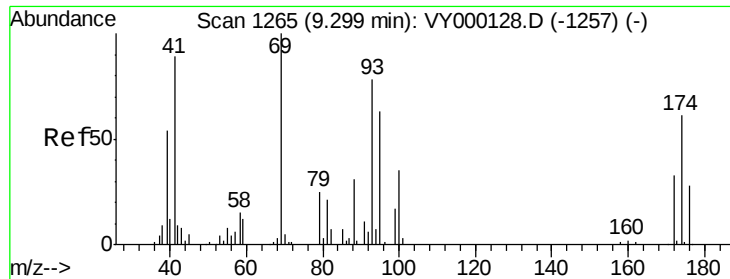
Ion Ratio Lower Upper

41 100

69 105.5 81.0 121.6

39 65.4 53.2 79.8

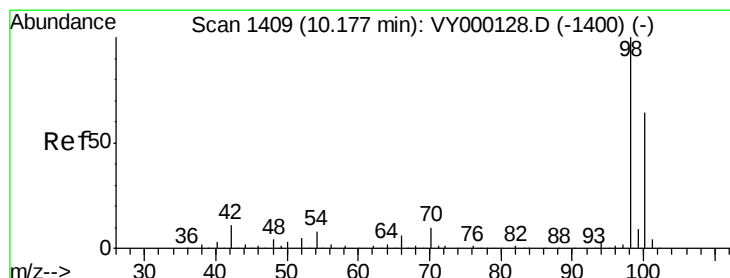
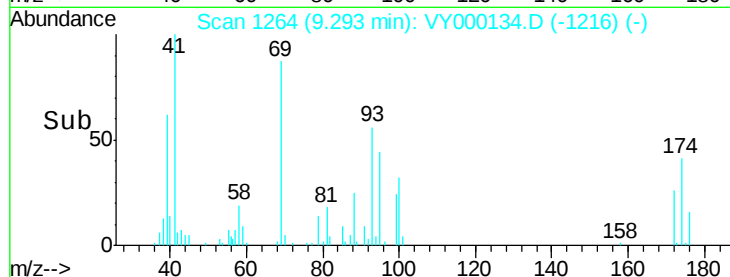
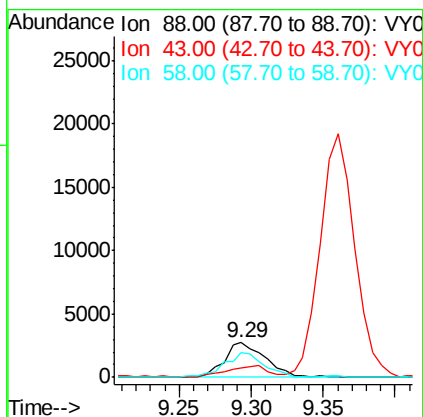
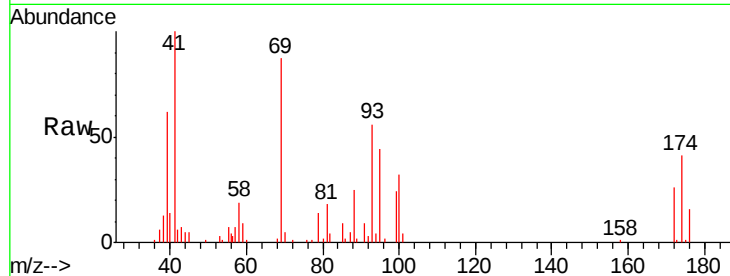




#49
 1,4-Dioxane
 Concen: 405.628 ug/l
 RT: 9.29 min Scan# 1264
 Delta R.T. -0.01 min
 Lab File: VY000134.D
 Acq: 23 Sep 2019 16:16

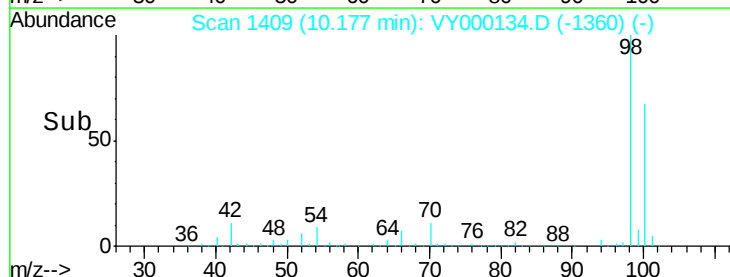
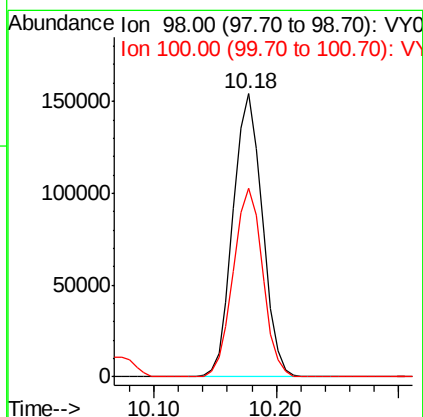
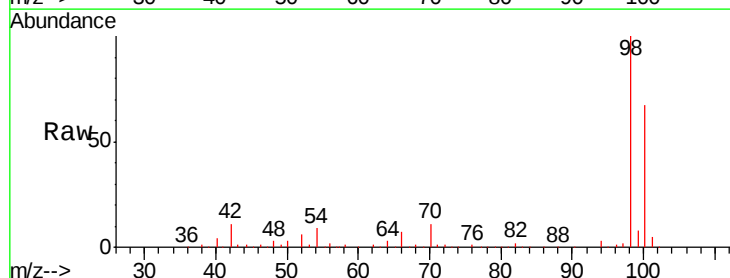
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0923SBS01

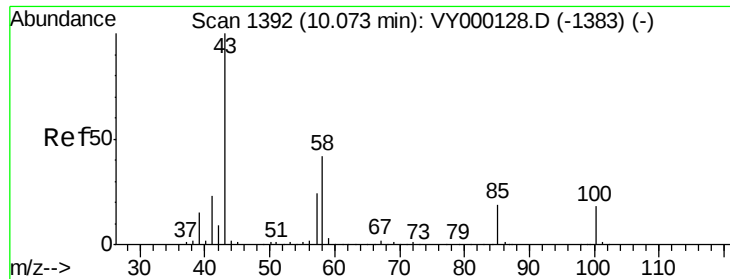
Tgt Ion: 88 Resp: 5395
 Ion Ratio Lower Upper
 88 100
 43 34.6 22.6 33.8#
 58 68.6 42.5 63.7#



#50
 Toluene-d8
 Concen: 50.406 ug/l
 RT: 10.18 min Scan# 1409
 Delta R.T. 0.00 min
 Lab File: VY000134.D
 Acq: 23 Sep 2019 16:16

Tgt Ion: 98 Resp: 255723
 Ion Ratio Lower Upper
 98 100
 100 66.9 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 101.472 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

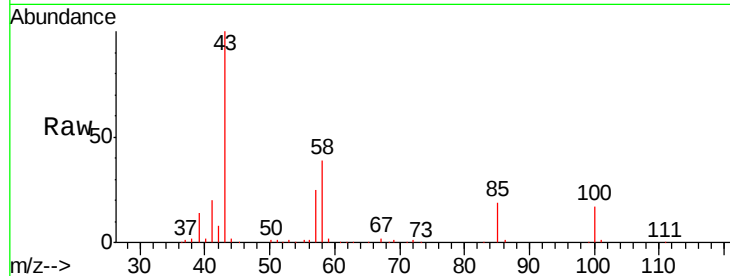
VY0923SBS01

Tgt Ion: 43 Resp: 110994

Ion Ratio Lower Upper

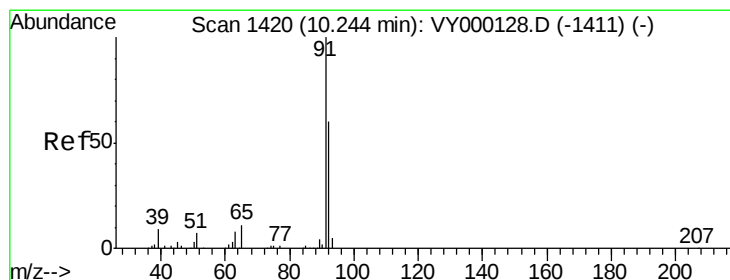
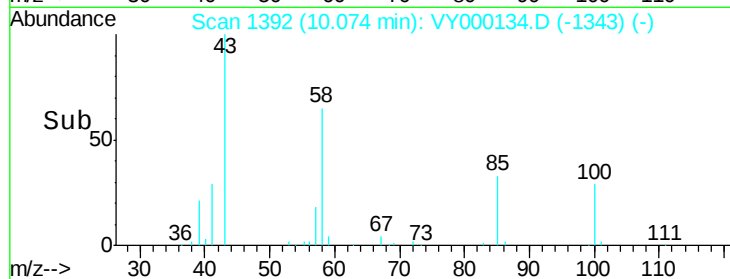
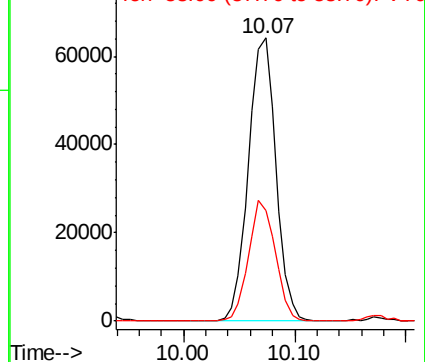
43 100

58 41.5 33.0 49.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 20.341 ug/l

RT: 10.24 min Scan# 1419

Delta R.T. -0.01 min

Lab File: VY000134.D

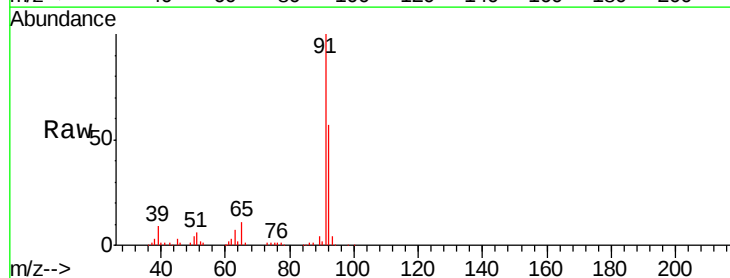
Acq: 23 Sep 2019 16:16

Tgt Ion: 92 Resp: 78834

Ion Ratio Lower Upper

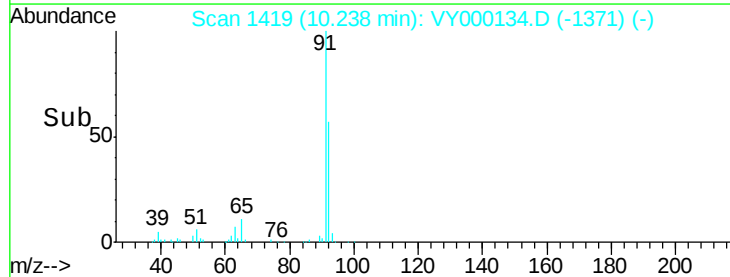
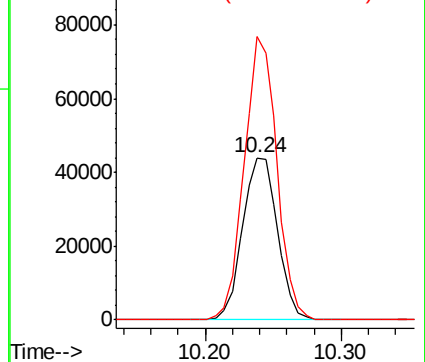
92 100

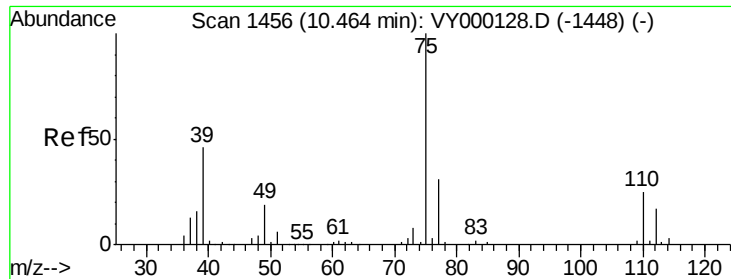
91 163.4 135.7 203.5



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 18.721 ug/l

RT: 10.46 min Scan# 1456

Delta R.T. 0.00 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

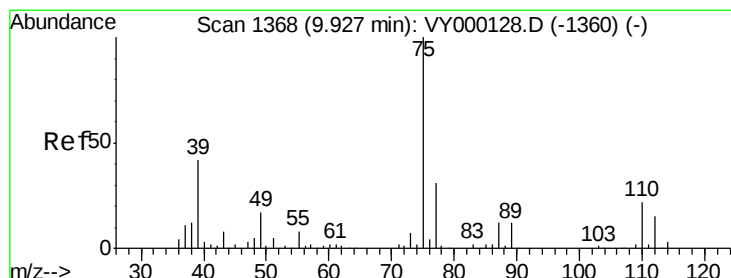
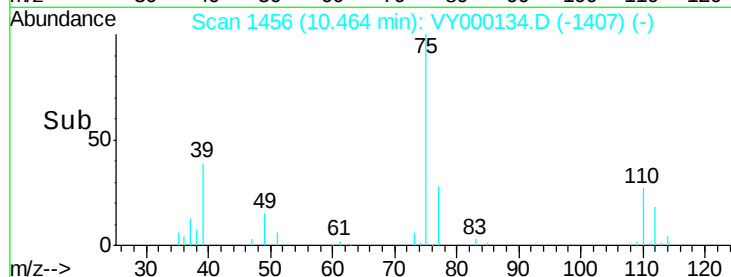
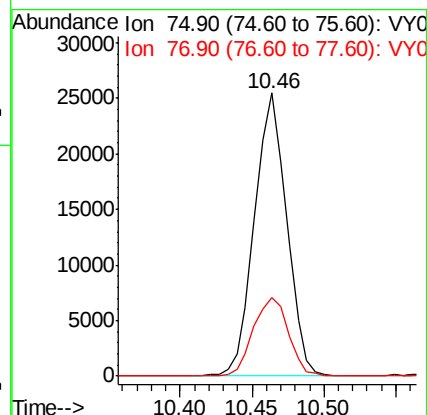
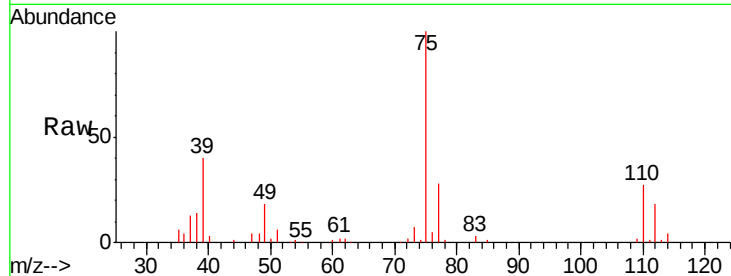
VY0923SBS01

Tgt Ion: 75 Resp: 39378

Ion Ratio Lower Upper

75 100

77 27.9 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 19.869 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

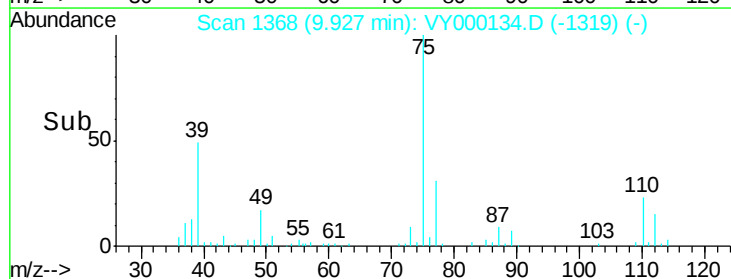
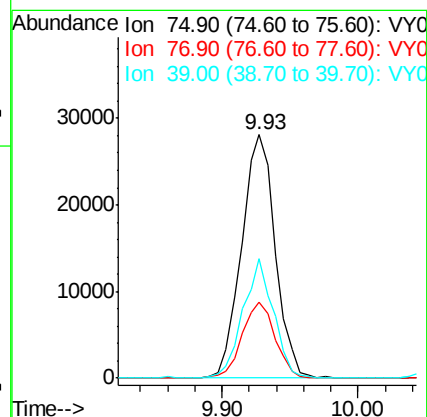
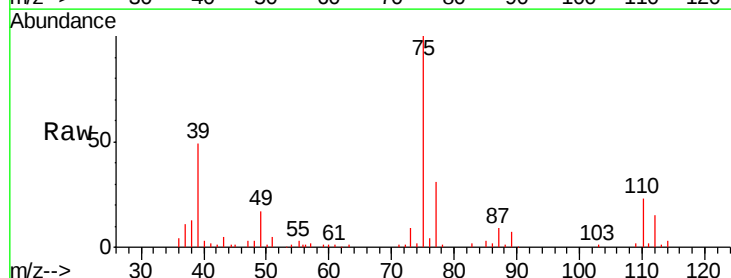
Tgt Ion: 75 Resp: 48455

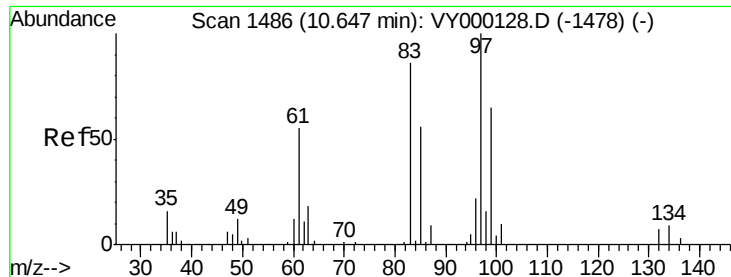
Ion Ratio Lower Upper

75 100

77 31.2 24.6 37.0

39 49.1 33.8 50.6





#55

1,1,2-Trichloroethane

Concen: 19.463 ug/l

RT: 10.64 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0923SBS01

Tgt Ion: 97 Resp: 23482

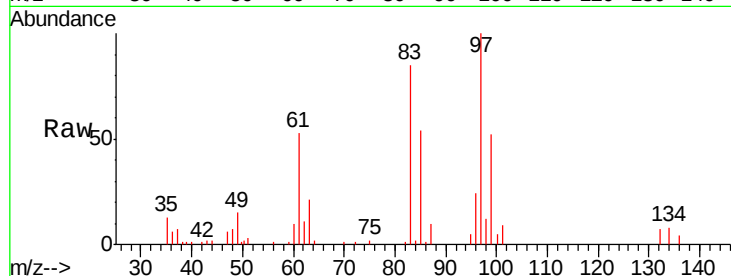
Ion Ratio Lower Upper

97 100

83 84.9 68.8 103.2

85 54.3 44.9 67.3

99 52.5 52.1 78.1

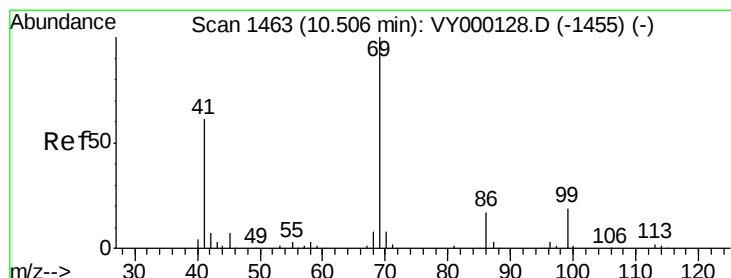
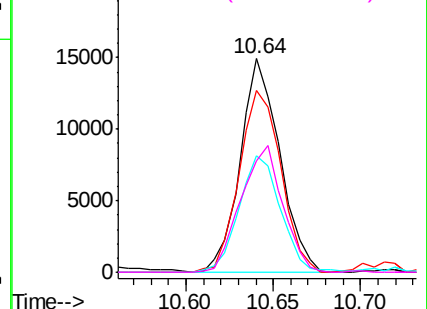
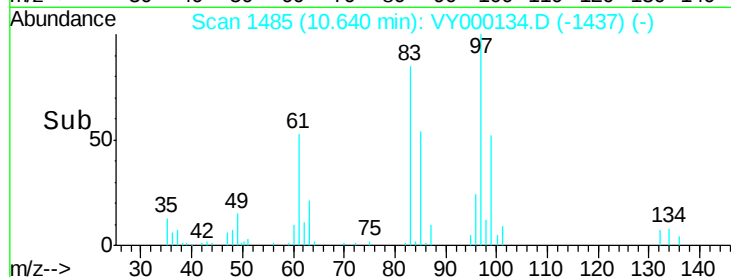


Abundance Ion 96.90 (96.60 to 97.60): VY0

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: 20.010 ug/l

RT: 10.51 min Scan# 1463

Delta R.T. 0.00 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

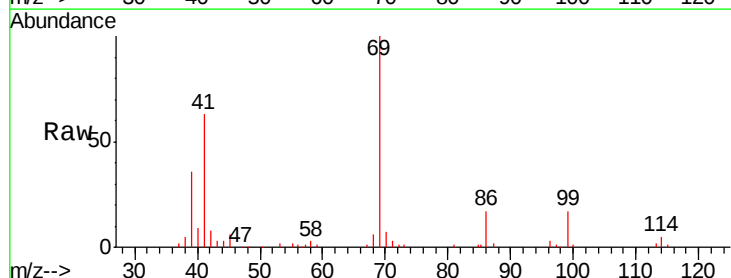
Tgt Ion: 69 Resp: 34005

Ion Ratio Lower Upper

69 100

41 59.4 47.9 71.9

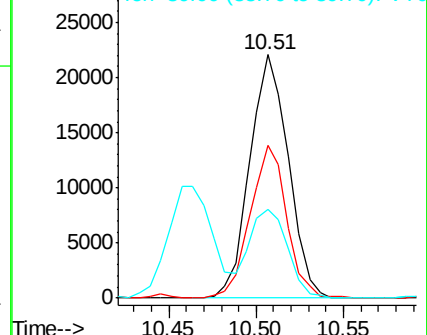
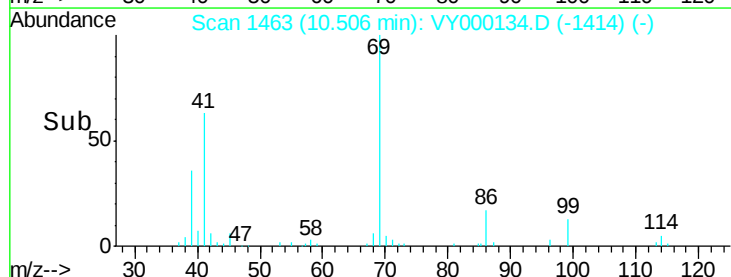
39 35.4 27.4 41.0

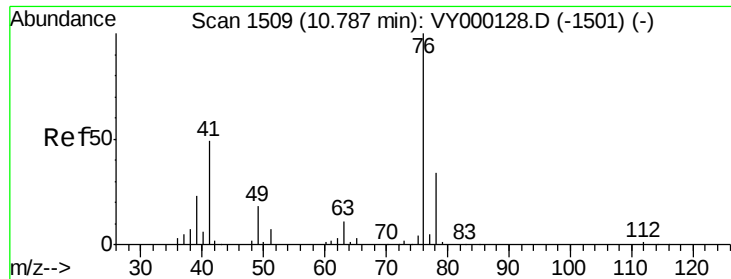


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

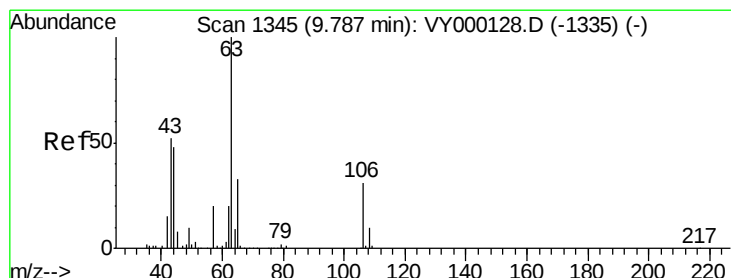
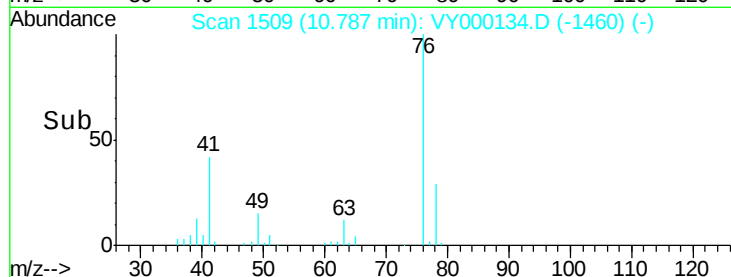
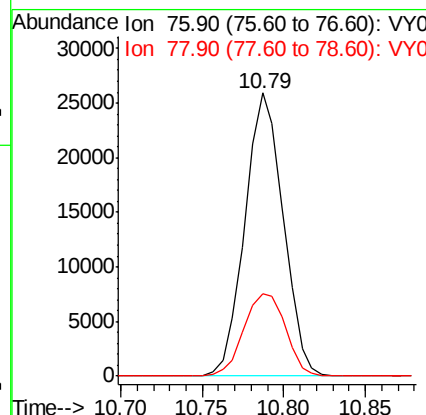
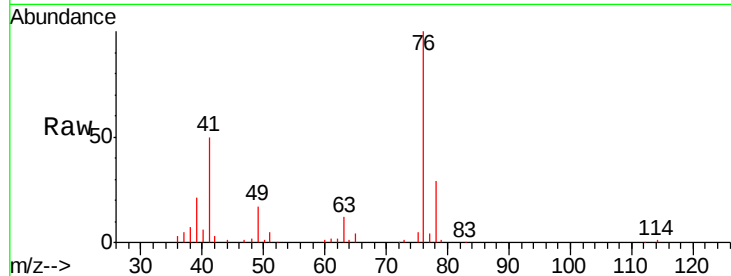




#57
 1,3-Dichloropropane
 Concen: 20.278 ug/l
 RT: 10.79 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: VY000134.D
 Acq: 23 Sep 2019 16:16

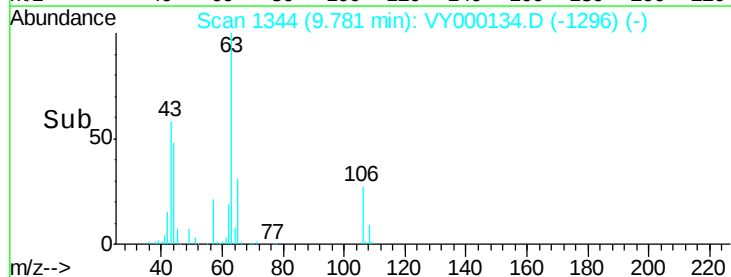
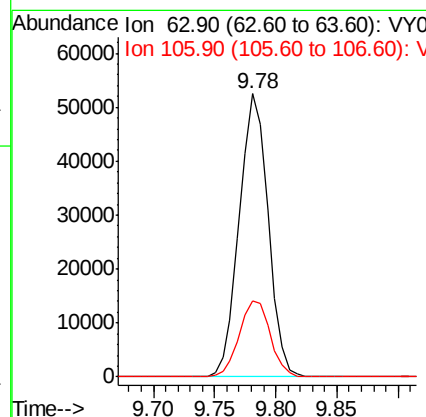
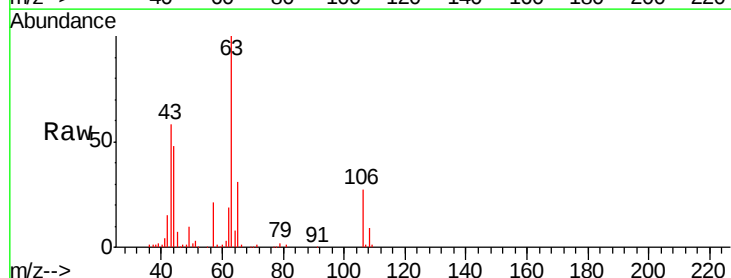
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0923SBS01

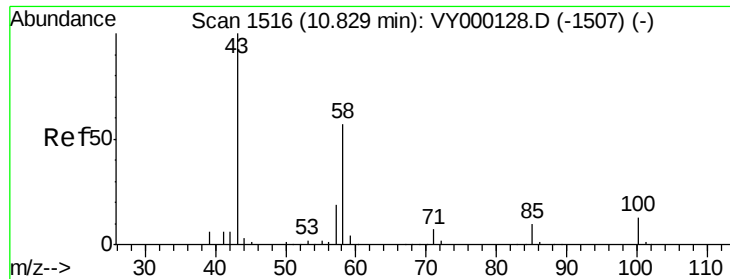
Tgt Ion: 76 Resp: 42533
 Ion Ratio Lower Upper
 76 100
 78 31.6 26.5 39.7



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.278 ug/l
 RT: 9.78 min Scan# 1344
 Delta R.T. -0.01 min
 Lab File: VY000134.D
 Acq: 23 Sep 2019 16:16

Tgt Ion: 63 Resp: 85812
 Ion Ratio Lower Upper
 63 100
 106 29.0 23.2 34.8

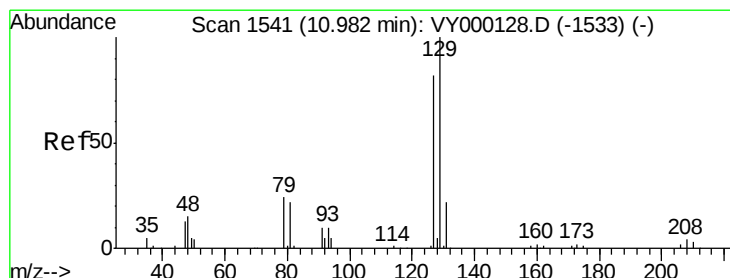
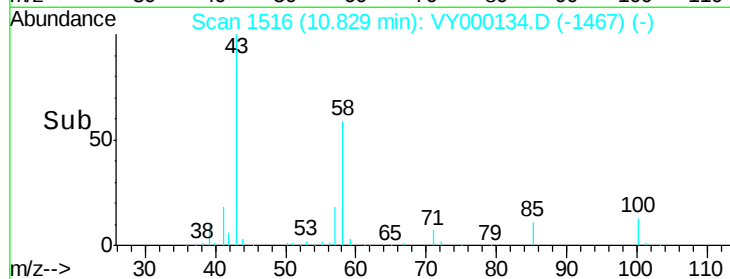
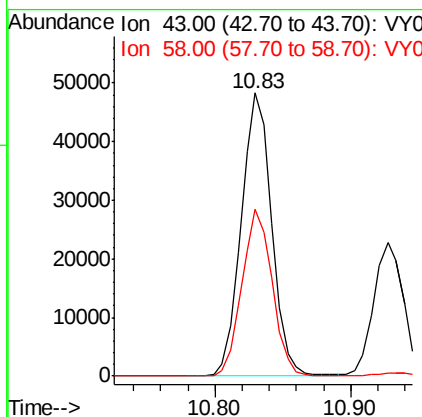
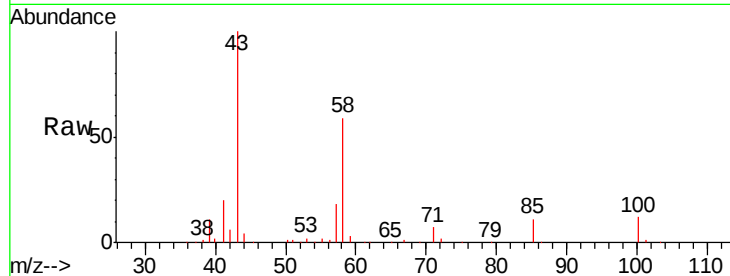




#59
2-Hexanone
Concen: 98.453 ug/l
RT: 10.83 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

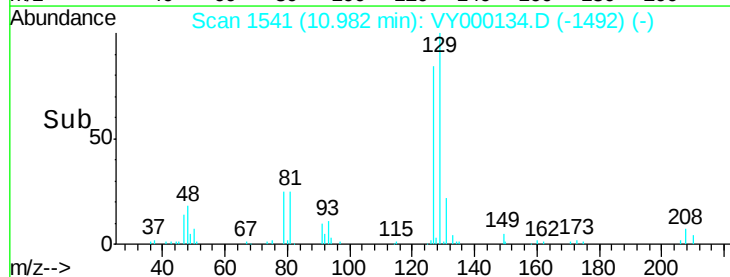
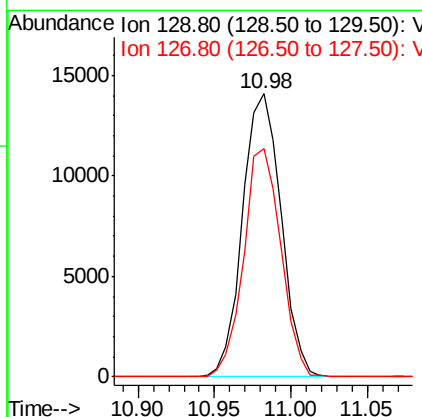
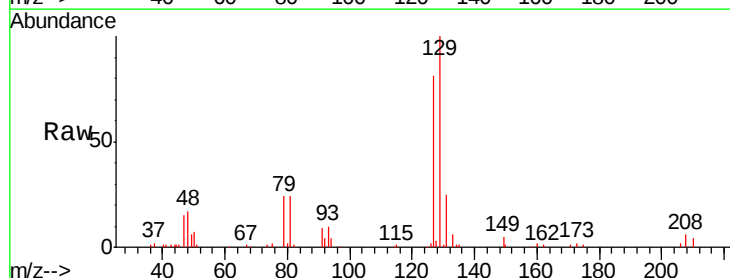
Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01

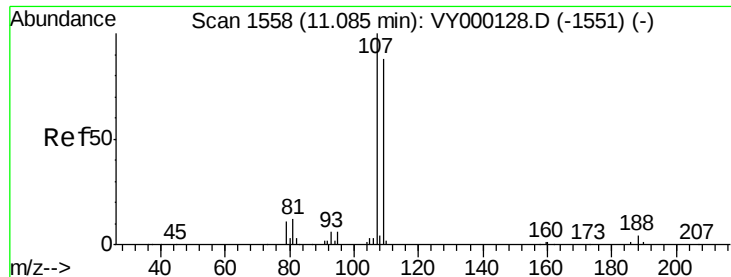
Tgt Ion: 43 Resp: 75434
Ion Ratio Lower Upper
43 100
58 58.6 29.1 87.3



#60
Dibromochloromethane
Concen: 19.641 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

Tgt Ion: 129 Resp: 24766
Ion Ratio Lower Upper
129 100
127 77.6 37.5 112.3

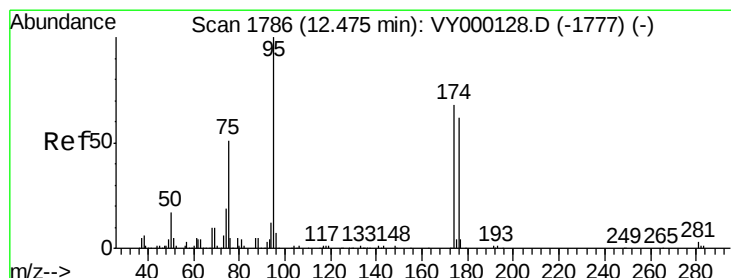
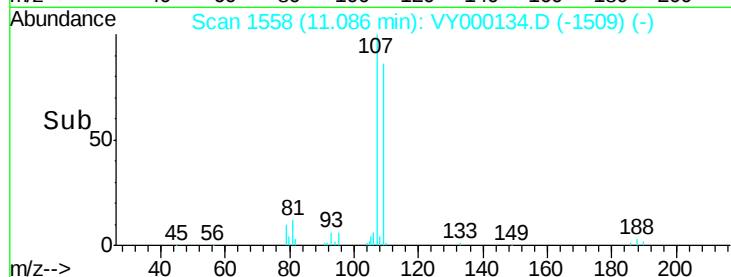
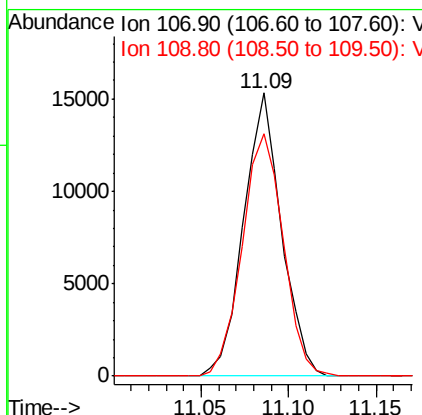
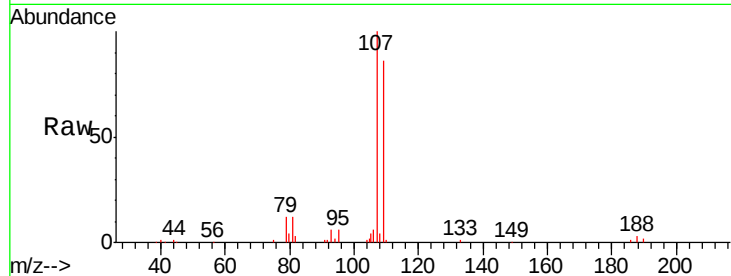




#61
 1,2-Dibromoethane
 Concen: 20.323 ug/l
 RT: 11.09 min Scan# 1558
 Delta R.T. 0.00 min
 Lab File: VY000134.D
 Acq: 23 Sep 2019 16:16

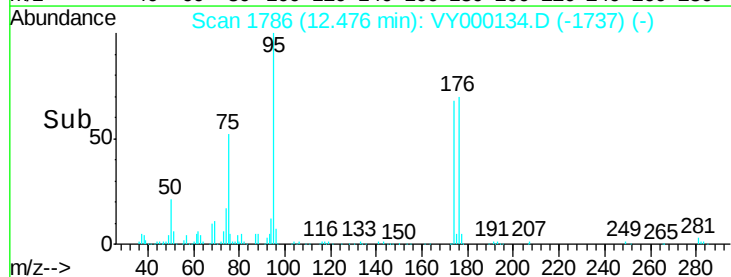
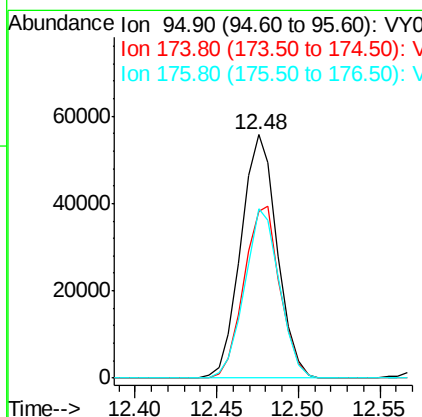
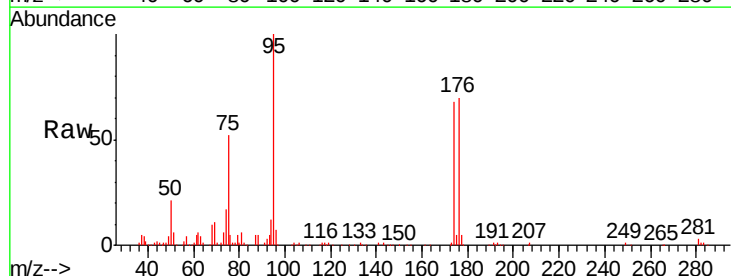
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0923SBS01

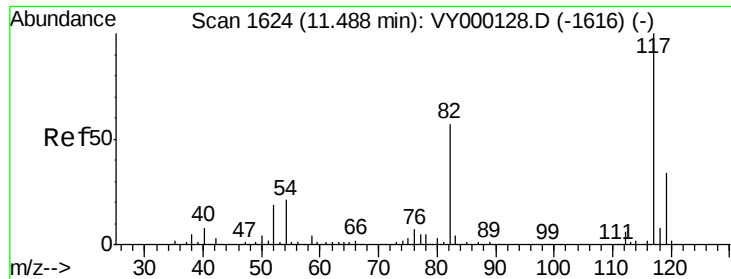
Tgt Ion: 107 Resp: 23043
 Ion Ratio Lower Upper
 107 100
 109 92.7 74.0 111.0



#62
 4-Bromofluorobenzene
 Concen: 46.138 ug/l
 RT: 12.48 min Scan# 1786
 Delta R.T. 0.00 min
 Lab File: VY000134.D
 Acq: 23 Sep 2019 16:16

Tgt Ion: 95 Resp: 86085
 Ion Ratio Lower Upper
 95 100
 174 70.0 0.0 140.8
 176 67.3 0.0 135.0

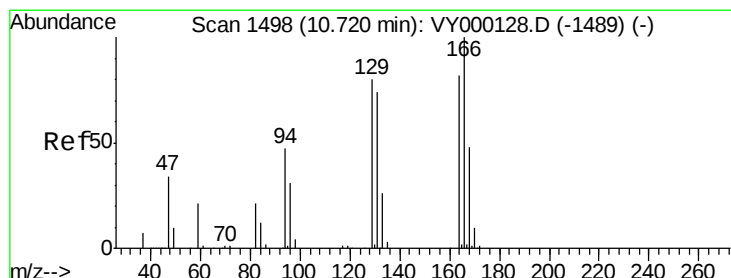
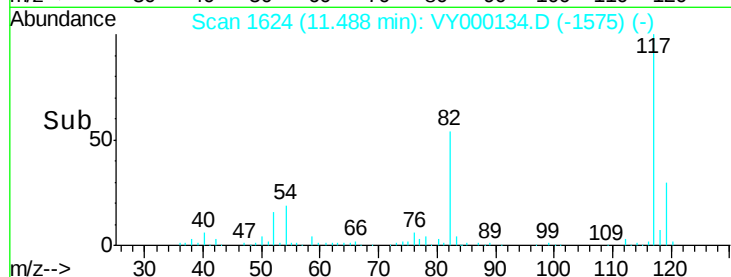
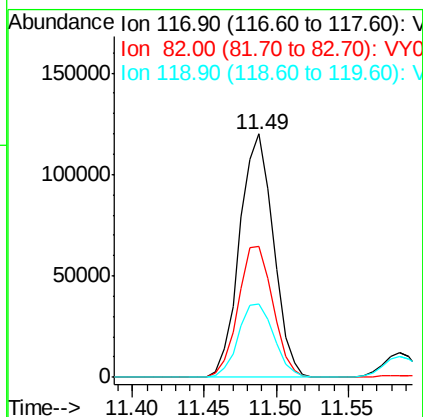
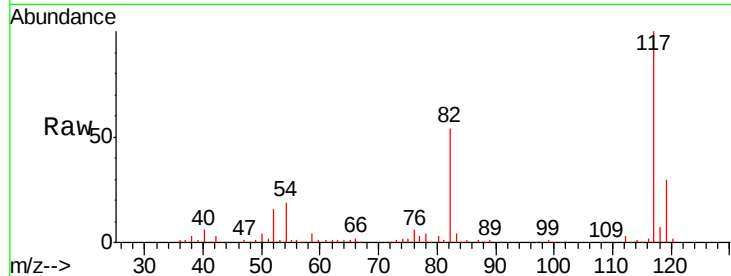




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. 0.00 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

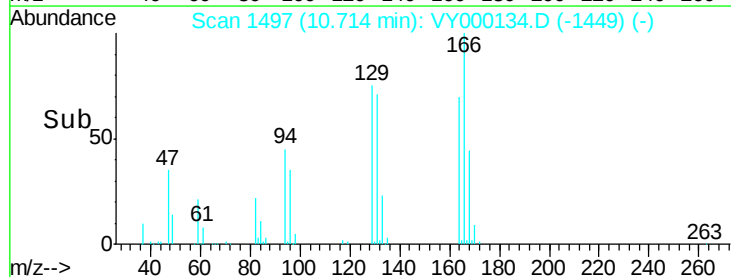
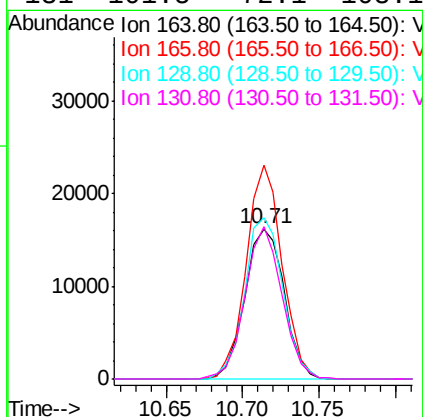
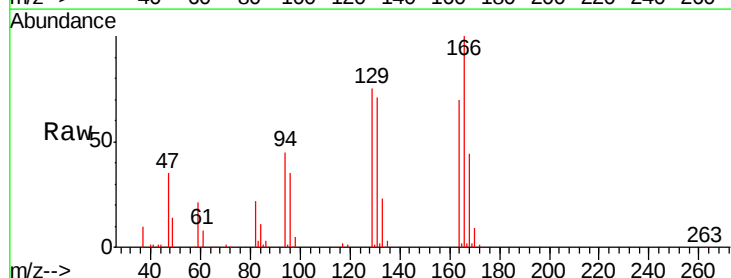
Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01

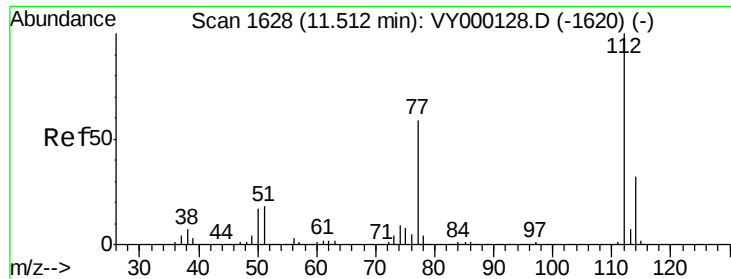
Tgt Ion:117 Resp: 195419
Ion Ratio Lower Upper
117 100
82 53.7 45.5 68.3
119 30.2 27.3 40.9



#64
Tetrachloroethene
Concen: 19.476 ug/l
RT: 10.71 min Scan# 1497
Delta R.T. -0.01 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

Tgt Ion:164 Resp: 28970
Ion Ratio Lower Upper
164 100
166 142.5 97.0 145.6
129 107.5 77.6 116.4
131 101.5 72.1 108.1

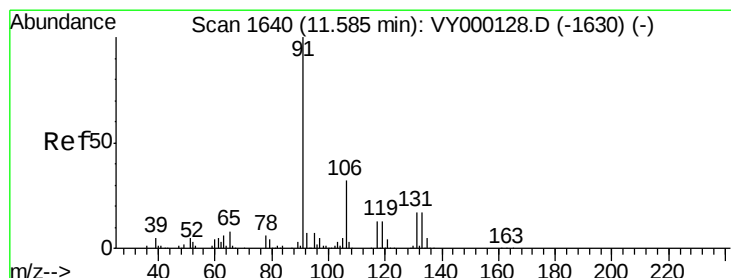
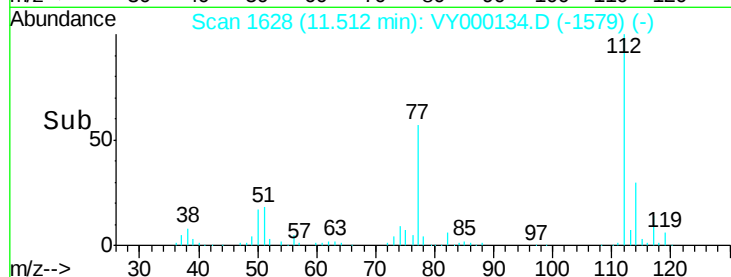
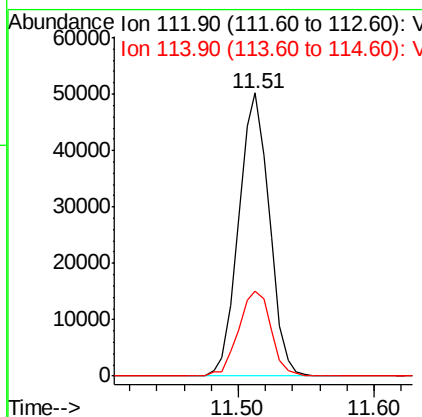
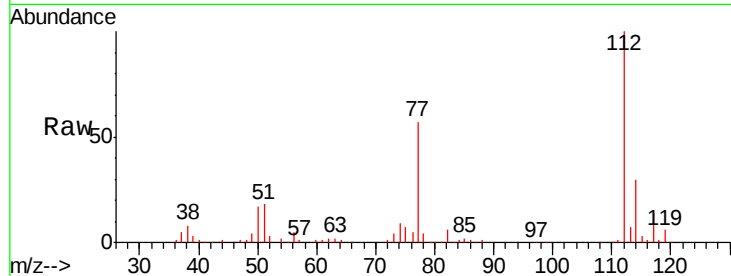




#65
Chlorobenzene
Concen: 19.883 ug/l
RT: 11.51 min Scan# 1628
Delta R.T. 0.00 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

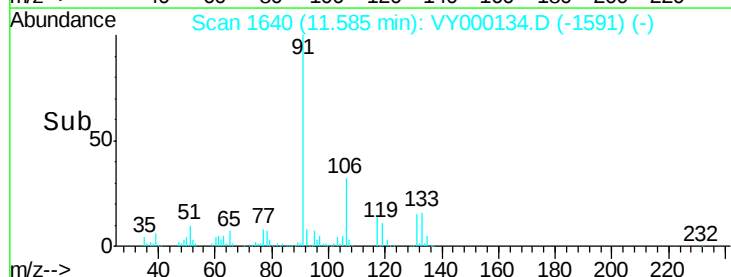
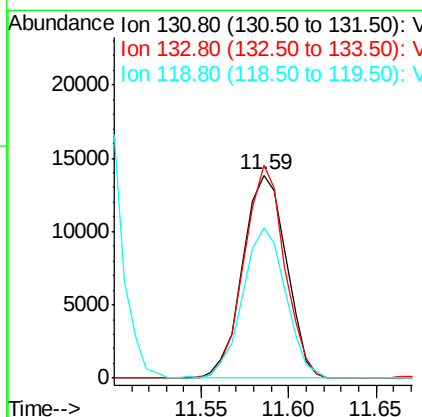
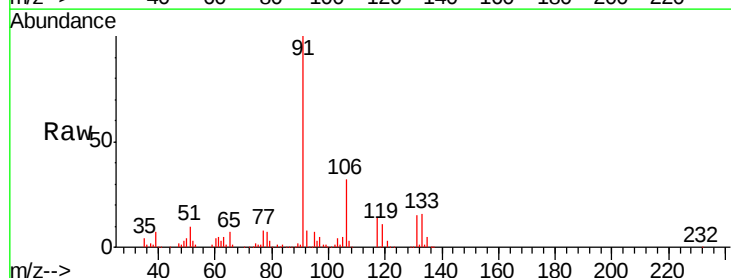
Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01

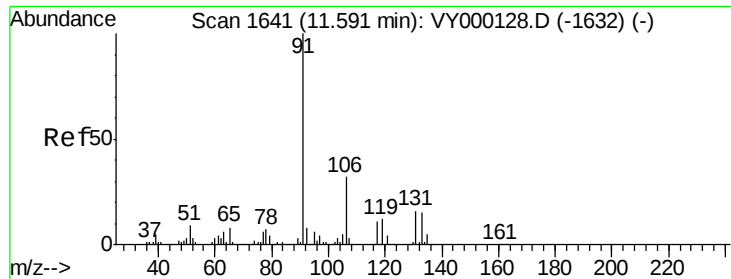
Tgt Ion:112 Resp: 78875
Ion Ratio Lower Upper
112 100
114 30.2 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 18.828 ug/l
RT: 11.59 min Scan# 1640
Delta R.T. 0.00 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

Tgt Ion:131 Resp: 24000
Ion Ratio Lower Upper
131 100
133 97.2 47.5 142.5
119 73.1 35.4 106.2

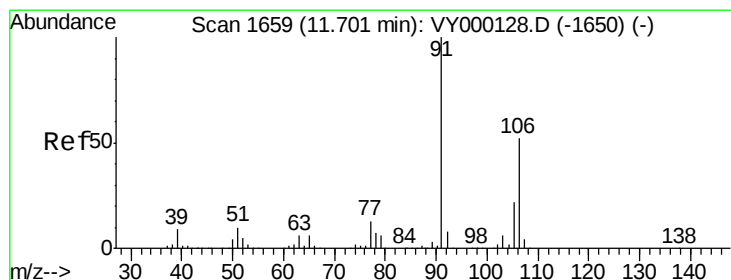
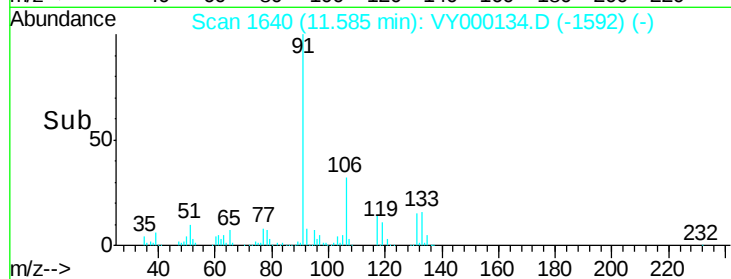
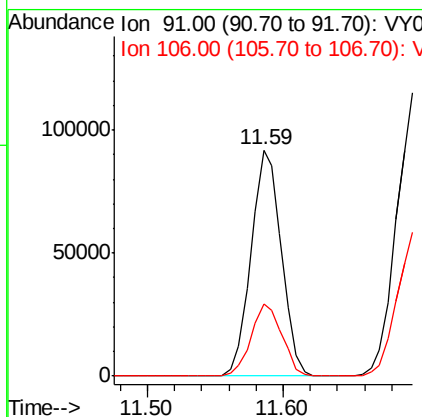
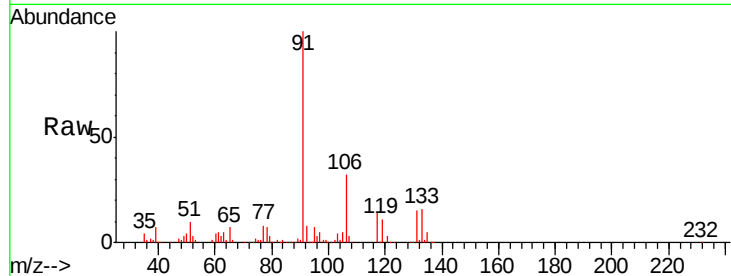




#67
Ethyl Benzene
Concen: 19.884 ug/l
RT: 11.59 min Scan# 1640
Delta R.T. -0.01 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

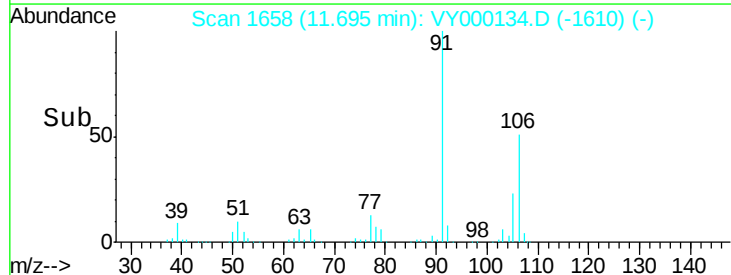
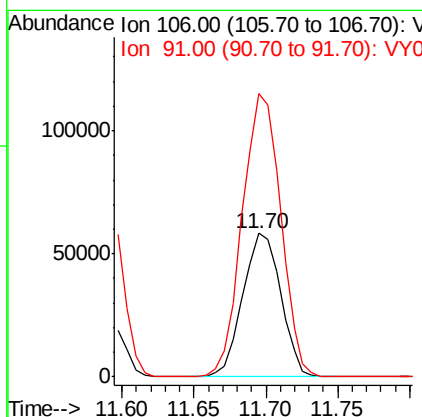
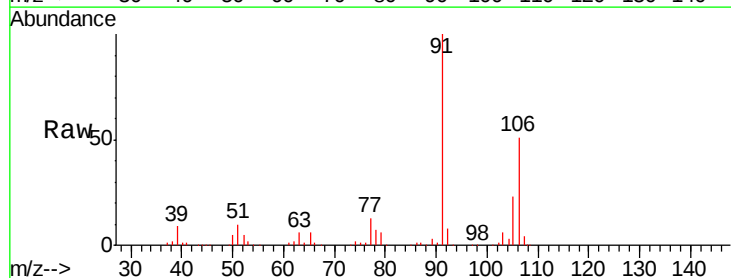
Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01

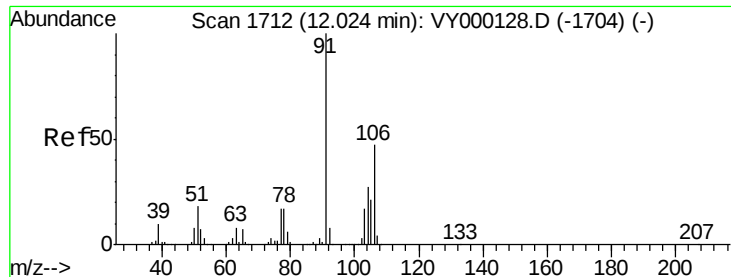
Tgt Ion: 91 Resp: 143379
Ion Ratio Lower Upper
91 100
106 32.0 25.6 38.4



#68
m/p-Xylenes
Concen: 38.485 ug/l
RT: 11.70 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

Tgt Ion: 106 Resp: 107018
Ion Ratio Lower Upper
106 100
91 198.9 154.6 232.0

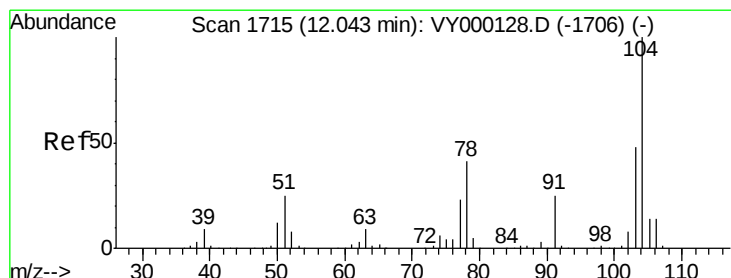
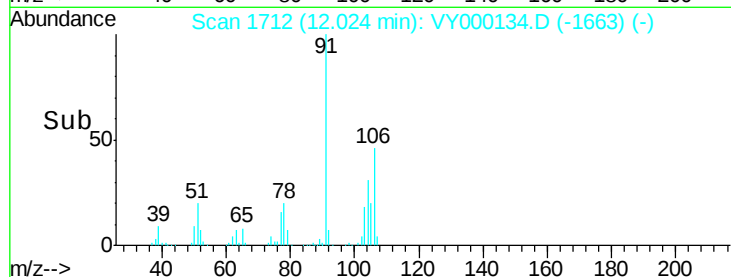
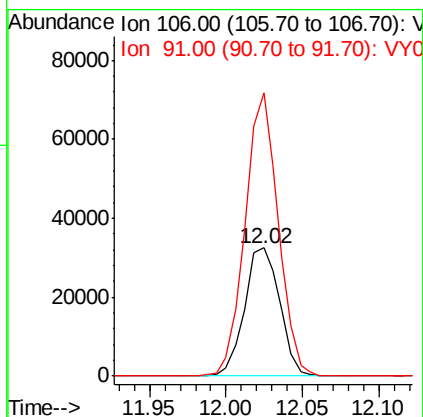
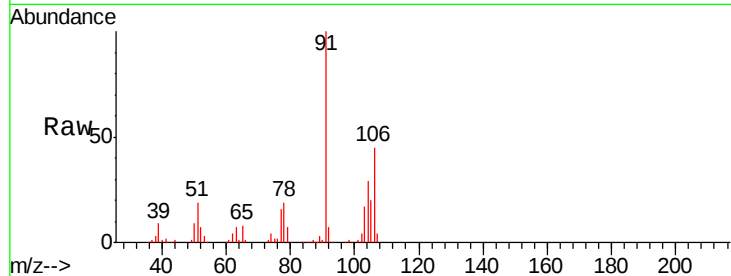




#69
o-Xylene
Concen: 19.555 ug/l
RT: 12.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

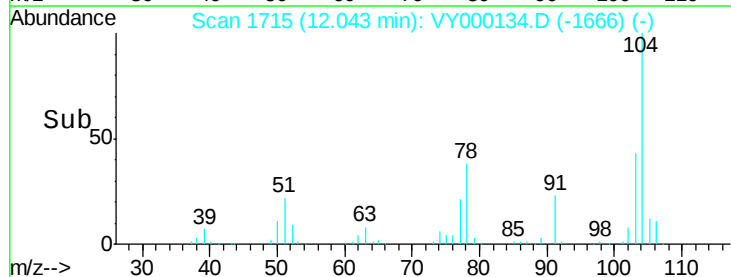
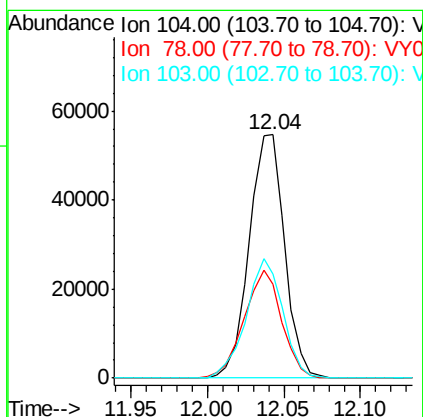
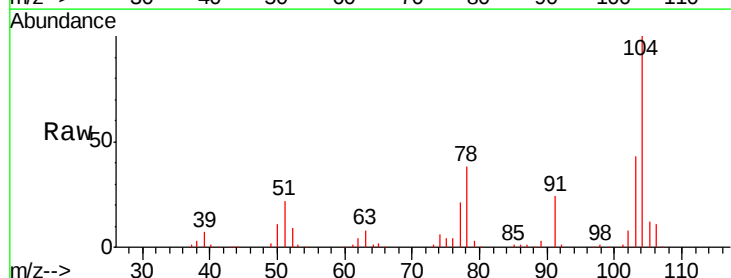
Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01

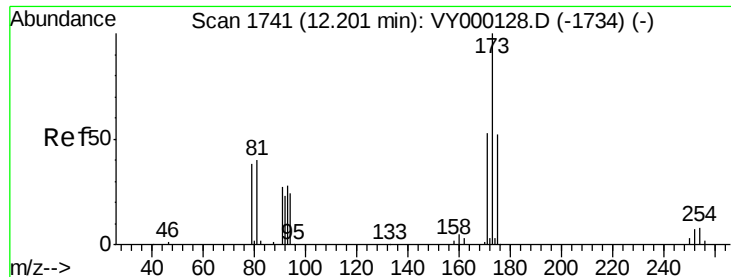
Tgt Ion:106 Resp: 51981
Ion Ratio Lower Upper
106 100
91 207.8 102.1 306.1



#70
Styrene
Concen: 19.599 ug/l
RT: 12.04 min Scan# 1715
Delta R.T. 0.00 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

Tgt Ion:104 Resp: 88028
Ion Ratio Lower Upper
104 100
78 47.0 37.3 55.9
103 50.8 42.2 63.2





#71

Bromoform

Concen: 19.836 ug/l

RT: 12.20 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0923SBS01

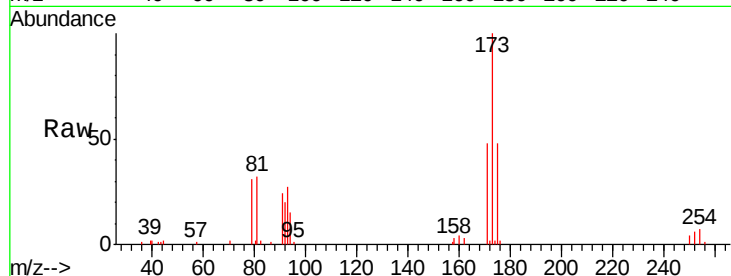
Tgt Ion:173 Resp: 14276

Ion Ratio Lower Upper

173 100

175 48.6 23.9 71.8

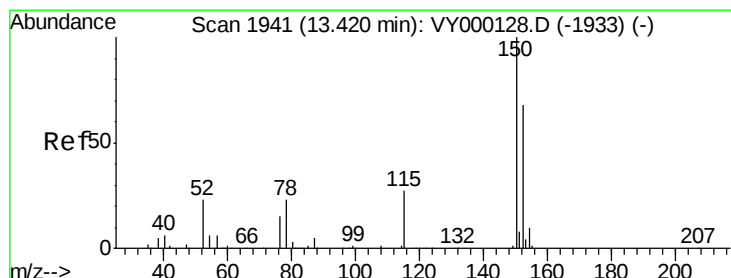
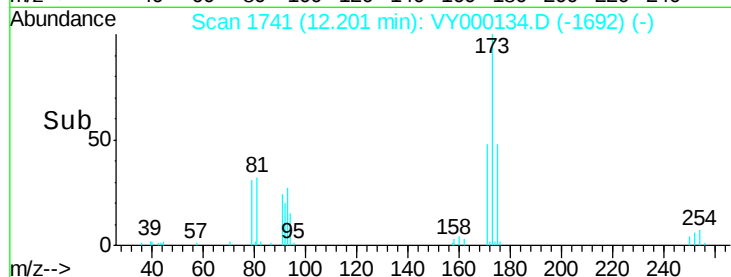
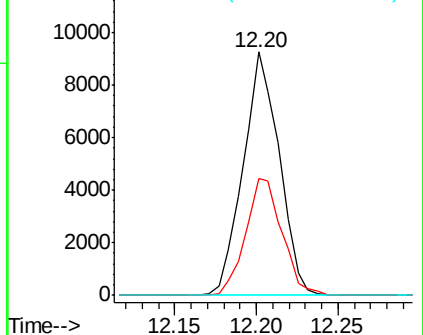
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

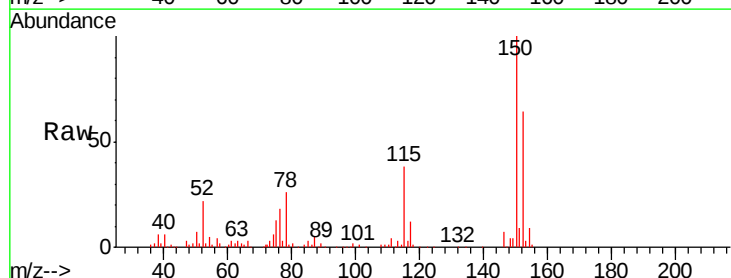
Tgt Ion:152 Resp: 84680

Ion Ratio Lower Upper

152 100

115 60.8 30.8 92.3

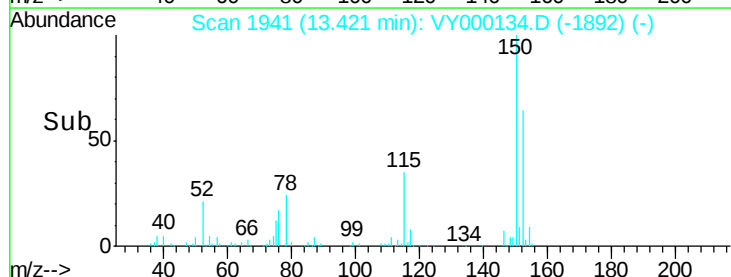
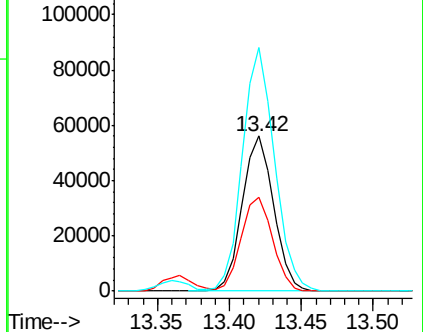
150 160.4 0.0 354.6

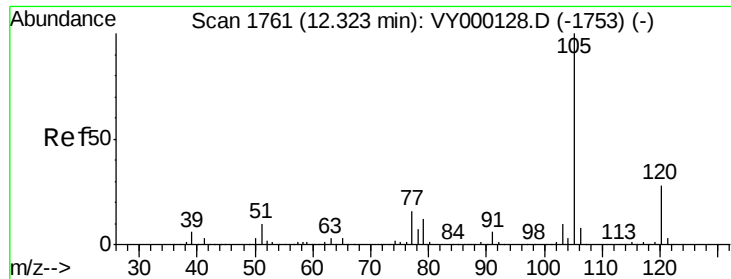


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.884 ug/l

RT: 12.32 min Scan# 1761

Delta R.T. 0.00 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

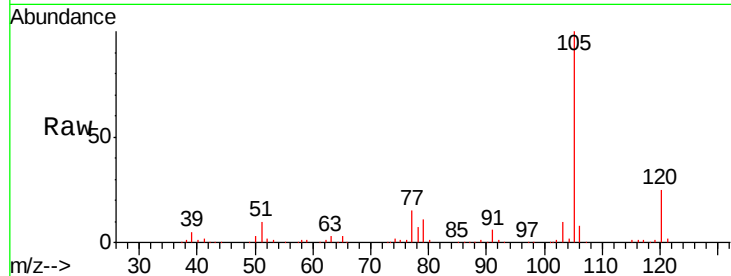
VY0923SBS01

Tgt Ion: 105 Resp: 134062

Ion Ratio Lower Upper

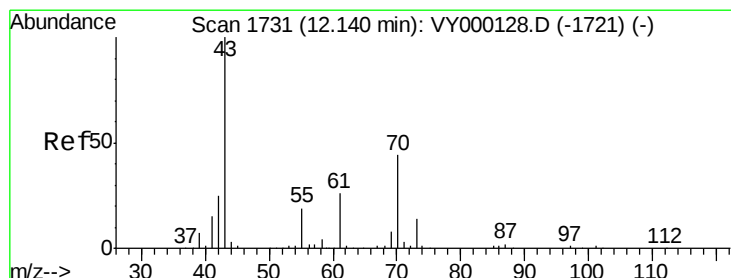
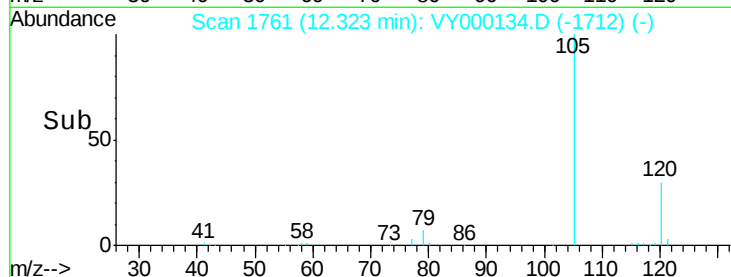
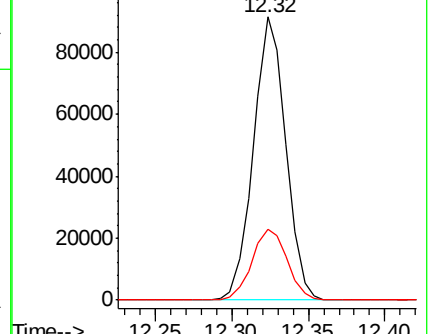
105 100

120 27.3 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.456 ug/l

RT: 12.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Tgt Ion: 43 Resp: 36559

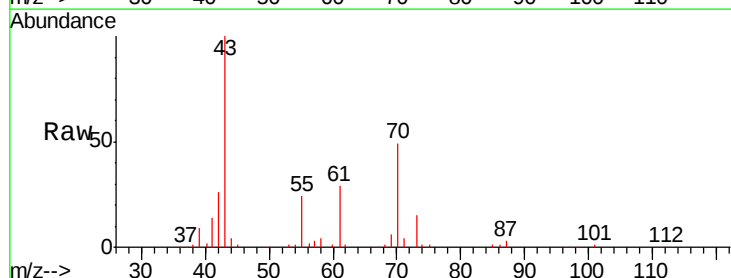
Ion Ratio Lower Upper

43 100

70 46.3 35.7 53.5

55 23.6 17.2 25.8

61 26.1 19.8 29.8

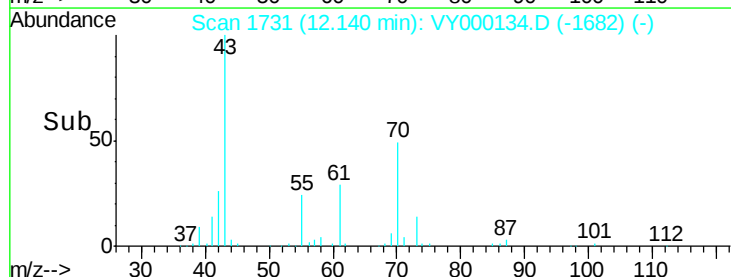
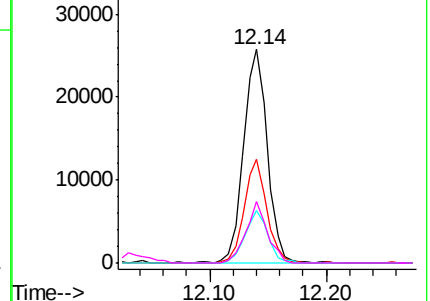


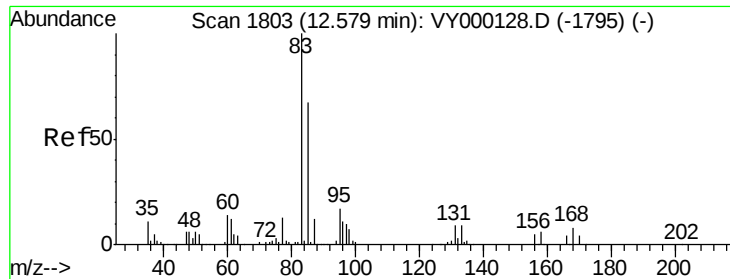
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.287 ug/l

RT: 12.58 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0923SBS01

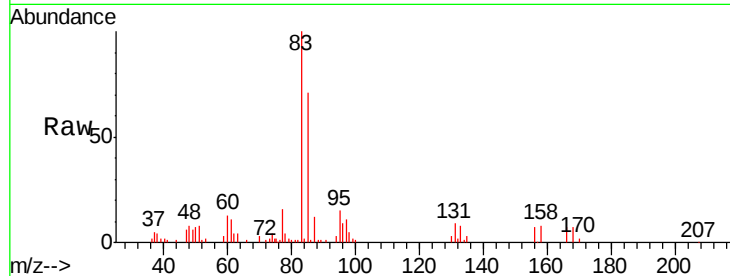
Tgt Ion: 83 Resp: 27310

Ion Ratio Lower Upper

83 100

131 9.0 4.9 14.6

85 64.7 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0

12.58

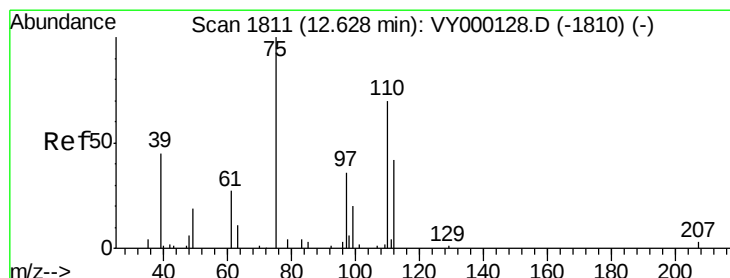
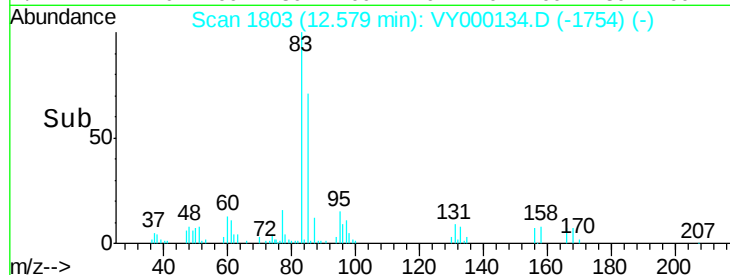
15000

10000

5000

0

Time--> 12.50 12.55 12.60



#76

1,2,3-Trichloropropane

Concen: 42.224 ug/l

RT: 12.63 min Scan# 1812

Delta R.T. 0.01 min

Lab File: VY000134.D

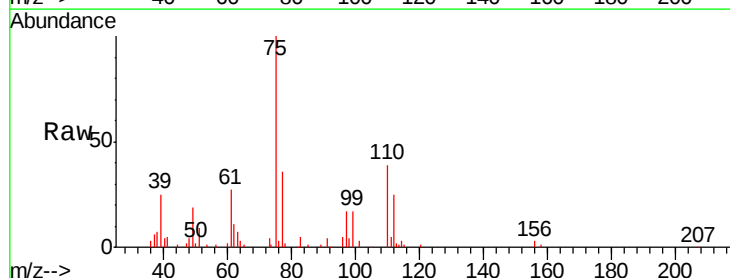
Acq: 23 Sep 2019 16:16

Tgt Ion: 75 Resp: 37471

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0

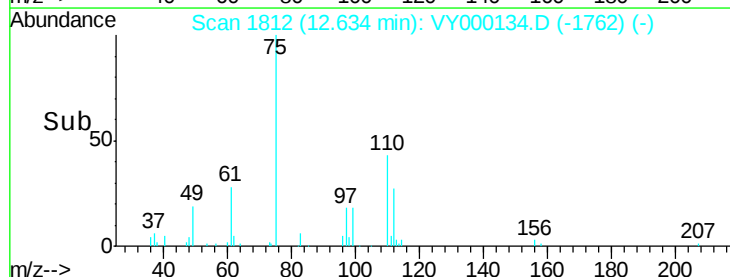
30000

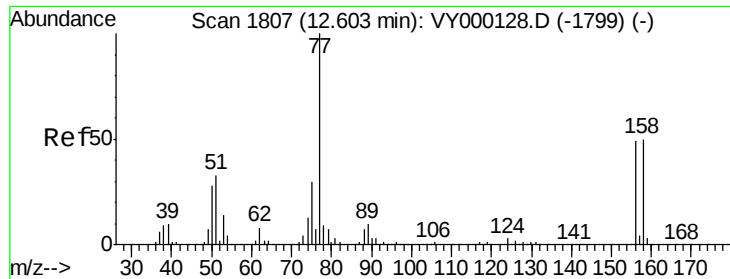
20000

10000

0

Time--> 12.50 12.60 12.70





#77

Bromobenzene

Concen: 19.642 ug/l

RT: 12.60 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0923SBS01

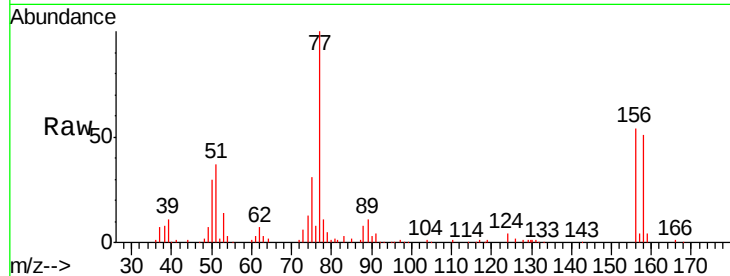
Tgt Ion:156 Resp: 27693

Ion Ratio Lower Upper

156 100

77 214.3 105.0 314.9

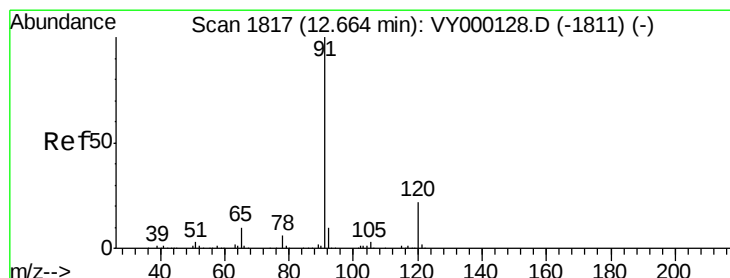
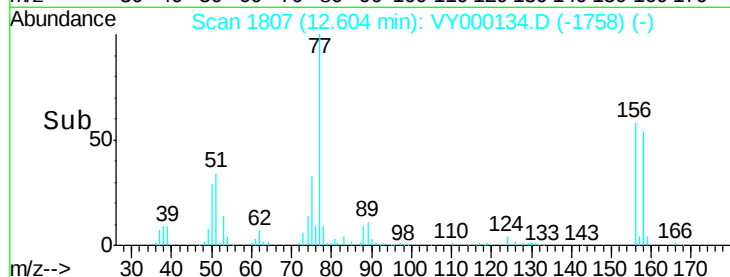
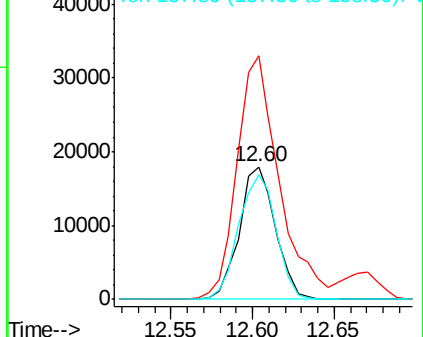
158 97.1 48.4 145.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.450 ug/l

RT: 12.66 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY000134.D

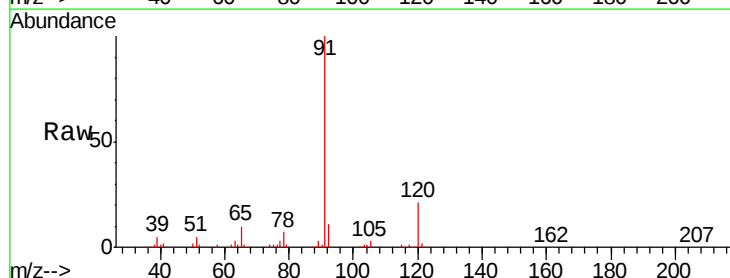
Acq: 23 Sep 2019 16:16

Tgt Ion: 91 Resp: 162185

Ion Ratio Lower Upper

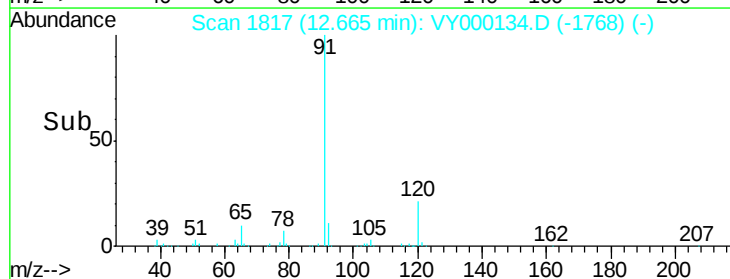
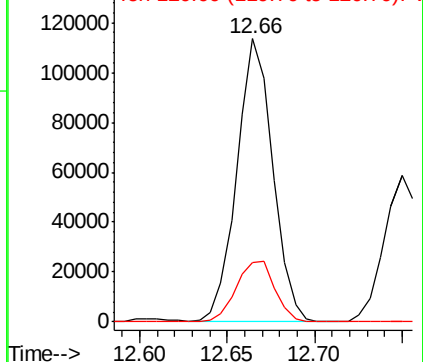
91 100

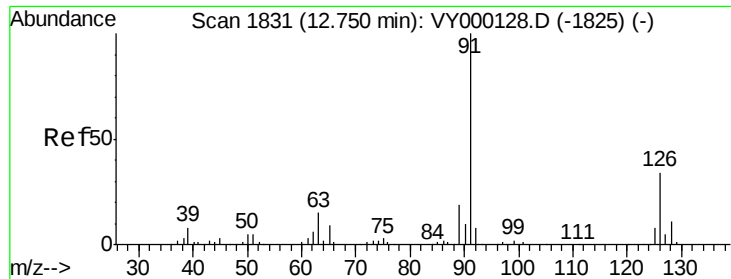
120 23.1 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

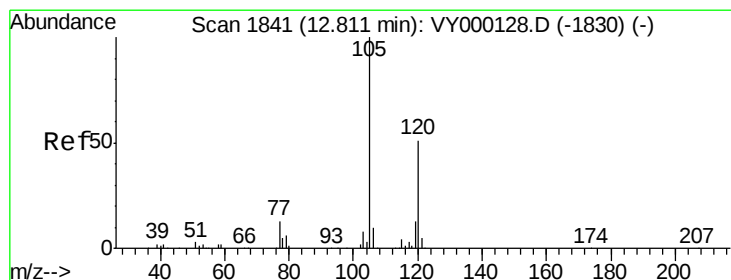
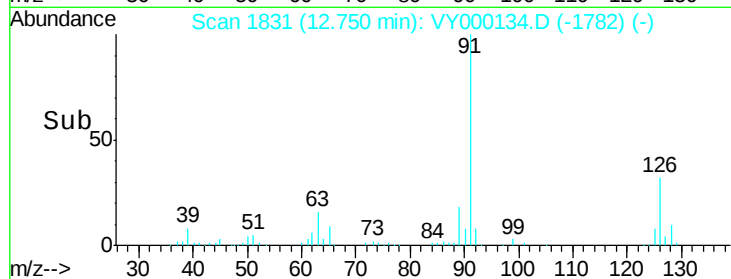
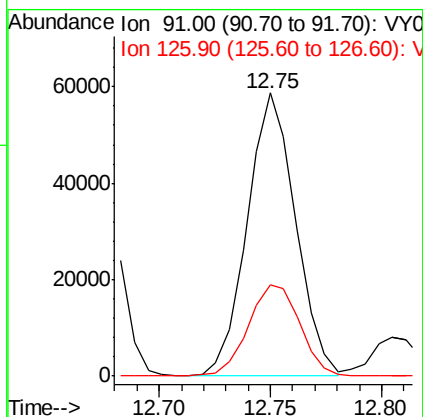
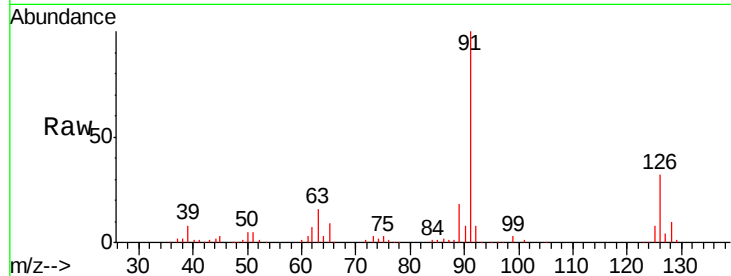




#79
2-Chlorotoluene
Concen: 19.334 ug/l
RT: 12.75 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

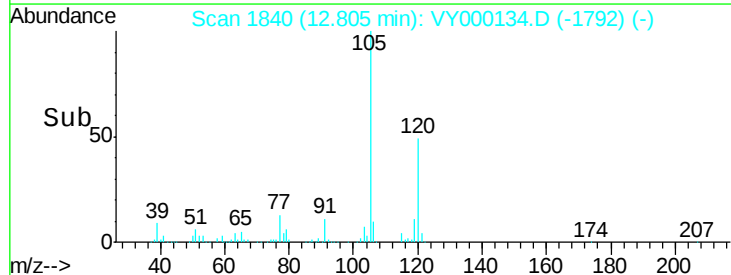
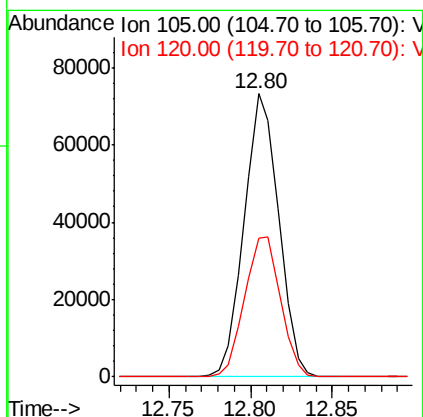
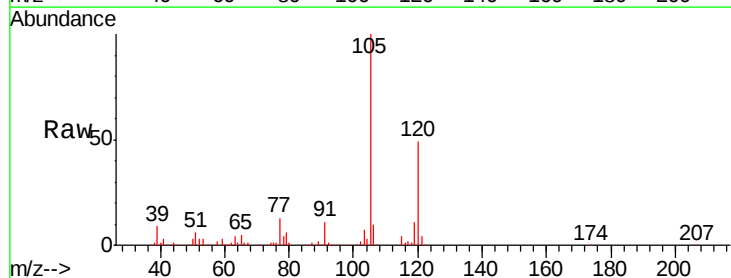
Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01

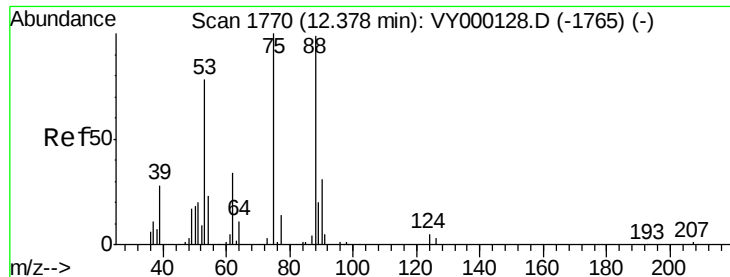
Tgt Ion: 91 Resp: 88500
Ion Ratio Lower Upper
91 100
126 34.5 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 19.202 ug/l
RT: 12.80 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

Tgt Ion: 105 Resp: 108341
Ion Ratio Lower Upper
105 100
120 51.5 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.324 ug/l

RT: 12.37 min Scan# 1769

Delta R.T. -0.01 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0923SBS01

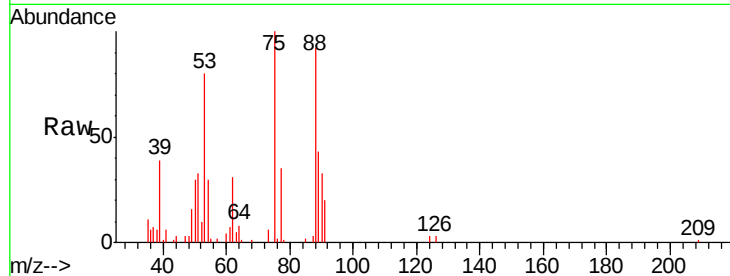
Tgt Ion: 75 Resp: 10433

Ion Ratio Lower Upper

75 100

53 82.7 62.5 93.7

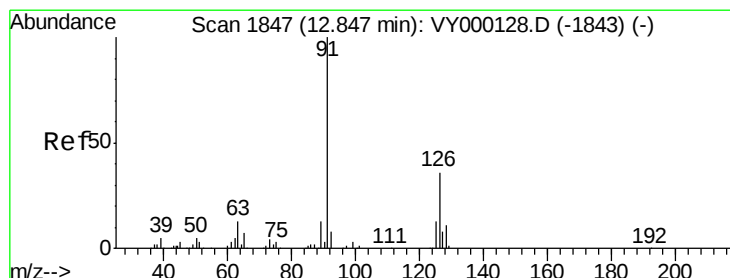
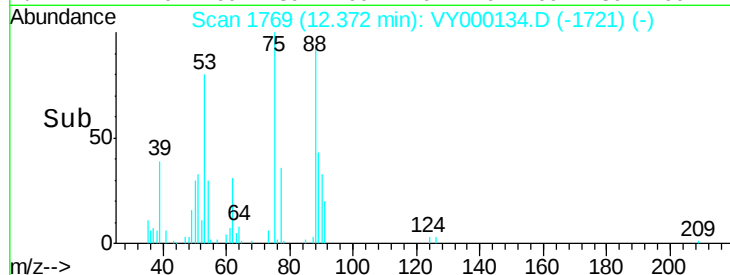
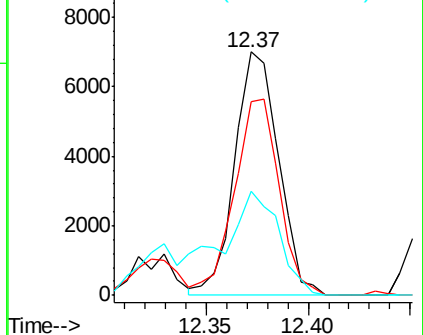
89 53.4 31.4 47.2#



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: 20.097 ug/l

RT: 12.85 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VY000134.D

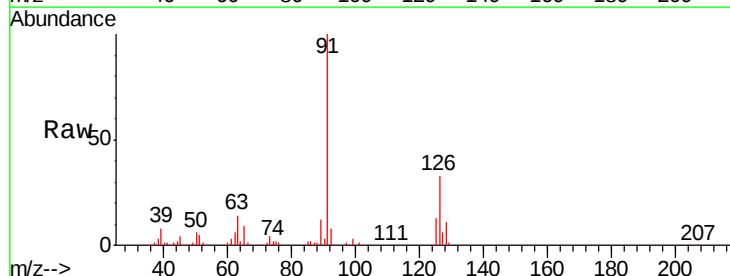
Acq: 23 Sep 2019 16:16

Tgt Ion: 91 Resp: 94883

Ion Ratio Lower Upper

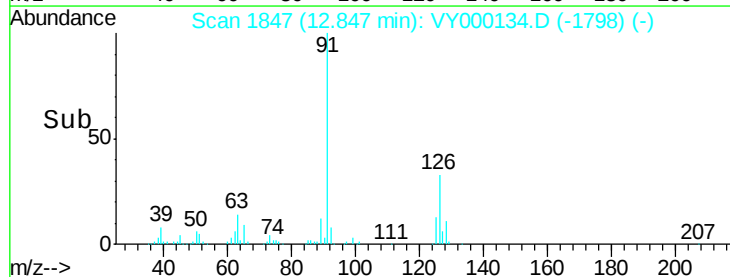
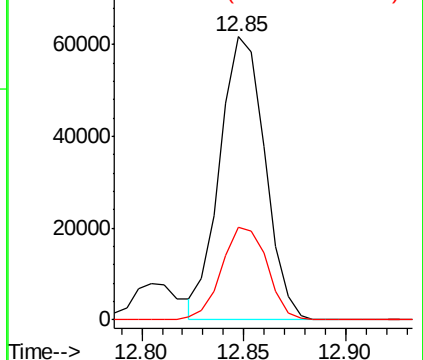
91 100

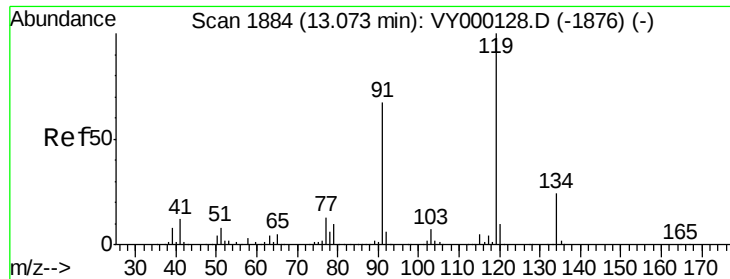
126 33.1 17.3 51.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

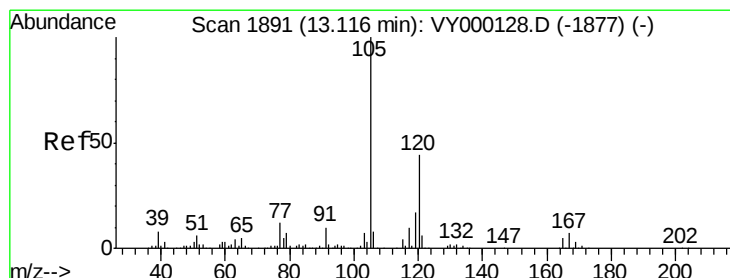
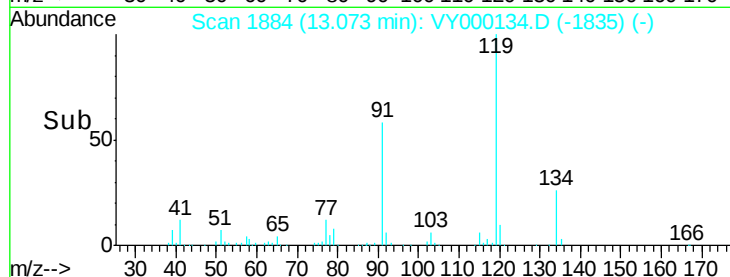
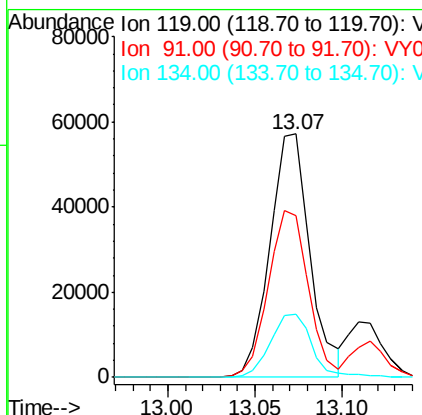
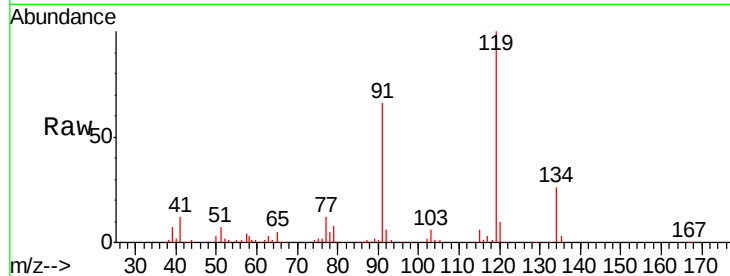




#83
 tert-Butylbenzene
 Concen: 19.791 ug/l
 RT: 13.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VY000134.D
 Acq: 23 Sep 2019 16:16

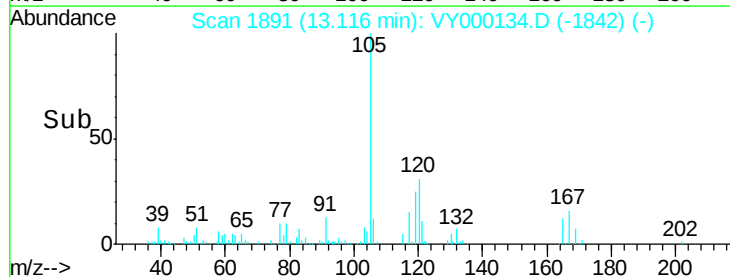
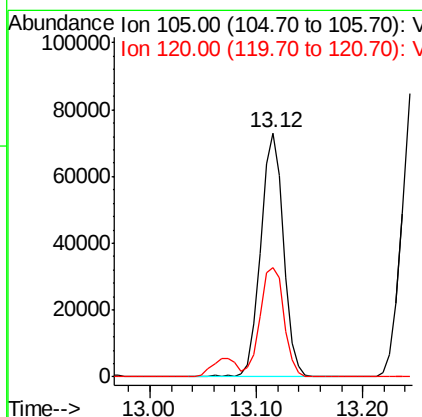
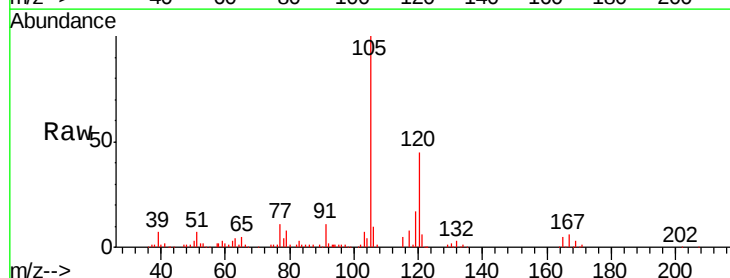
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0923SBS01

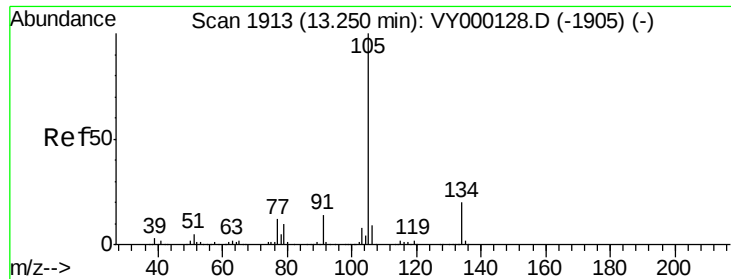
Tgt Ion:119 Resp: 91473
 Ion Ratio Lower Upper
 119 100
 91 68.1 33.6 100.8
 134 27.2 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 19.469 ug/l
 RT: 13.12 min Scan# 1891
 Delta R.T. 0.00 min
 Lab File: VY000134.D
 Acq: 23 Sep 2019 16:16

Tgt Ion:105 Resp: 109626
 Ion Ratio Lower Upper
 105 100
 120 47.2 22.9 68.8

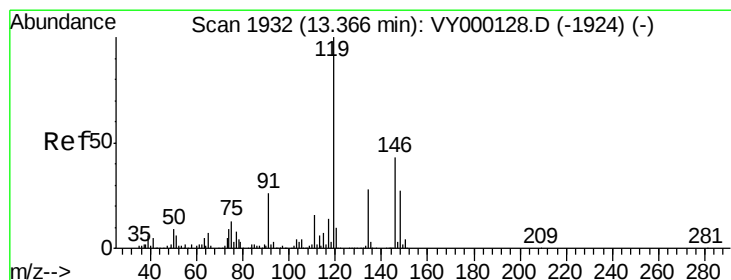
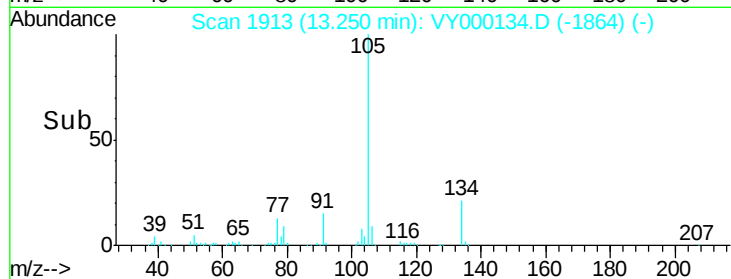
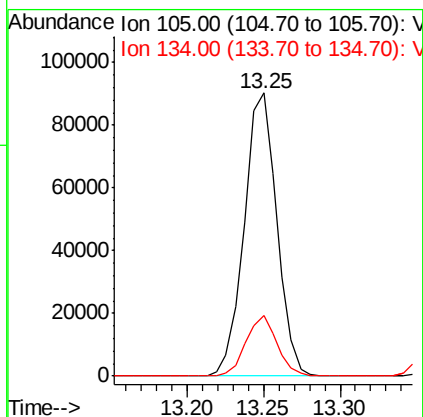
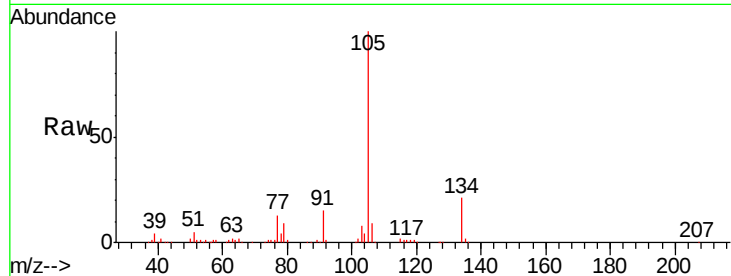




#85
 sec-Butylbenzene
 Concen: 19.319 ug/l
 RT: 13.25 min Scan# 1913
 Delta R.T. 0.00 min
 Lab File: VY000134.D
 Acq: 23 Sep 2019 16:16

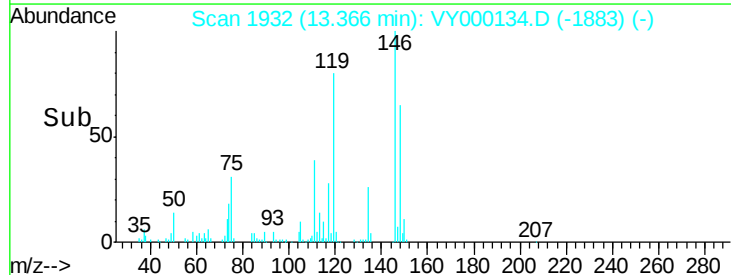
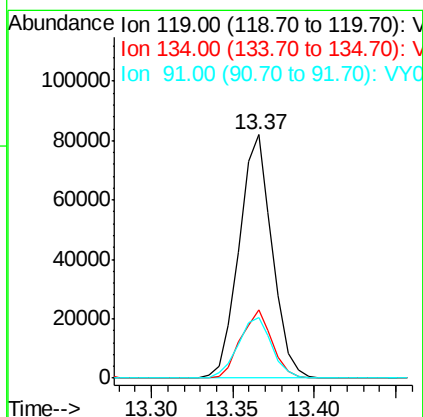
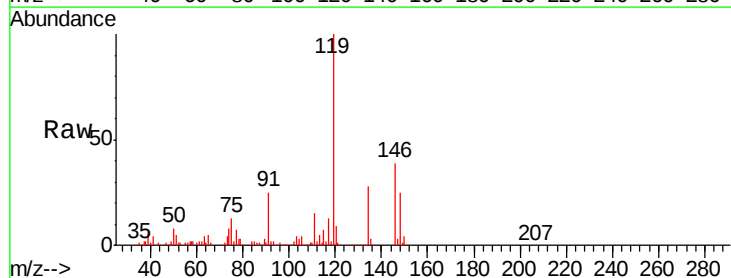
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0923SBS01

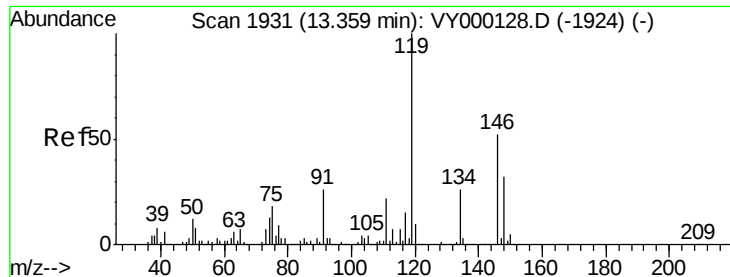
Tgt Ion:105 Resp: 133479
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 19.586 ug/l
 RT: 13.37 min Scan# 1932
 Delta R.T. 0.00 min
 Lab File: VY000134.D
 Acq: 23 Sep 2019 16:16

Tgt Ion:119 Resp: 115378
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.6 40.8
 91 25.6 12.8 38.3

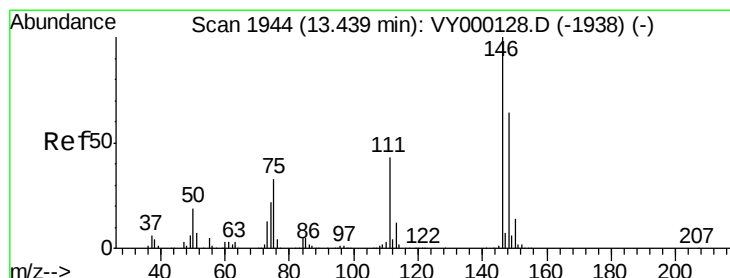
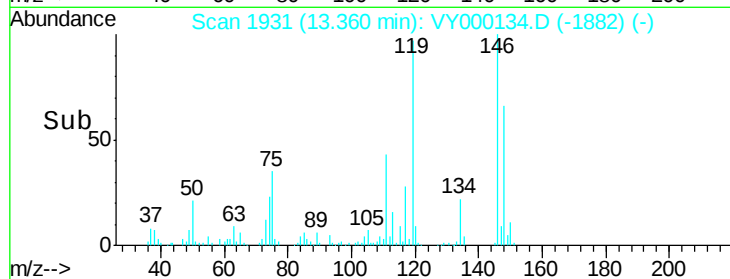
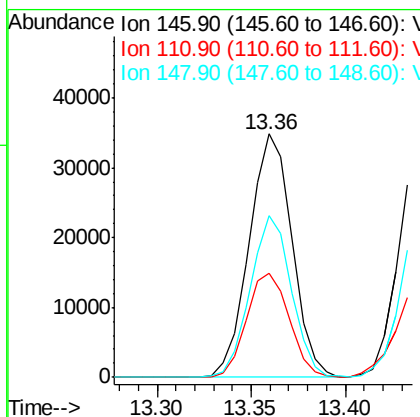
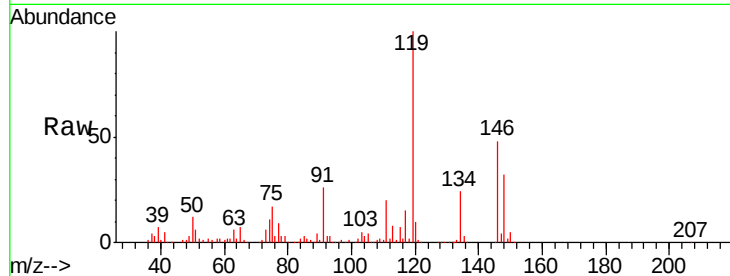




#87
 1,3-Dichlorobenzene
 Concen: 19.882 ug/l
 RT: 13.36 min Scan# 1931
 Delta R.T. 0.00 min
 Lab File: VY000134.D
 Acq: 23 Sep 2019 16:16

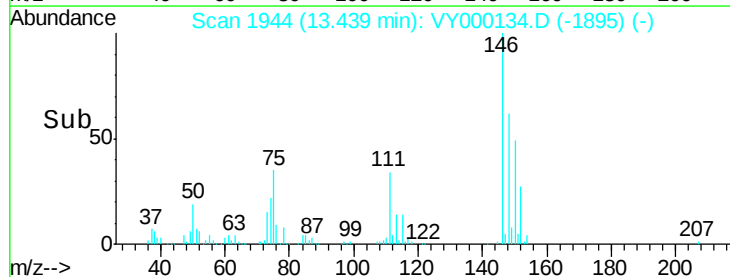
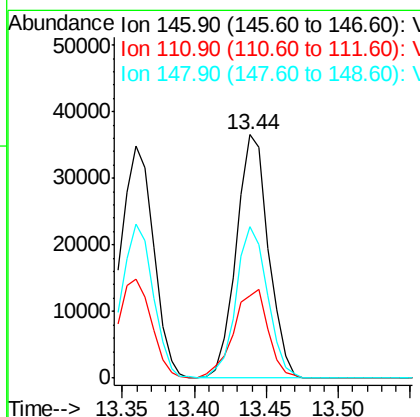
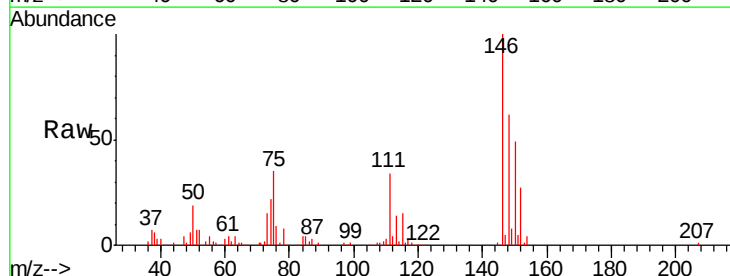
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0923SBS01

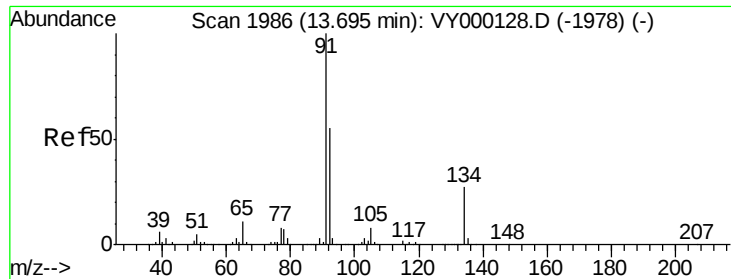
Tgt Ion:146 Resp: 54846
 Ion Ratio Lower Upper
 146 100
 111 42.6 20.4 61.2
 148 63.8 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 20.186 ug/l
 RT: 13.44 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VY000134.D
 Acq: 23 Sep 2019 16:16

Tgt Ion:146 Resp: 56839
 Ion Ratio Lower Upper
 146 100
 111 39.1 20.6 61.8
 148 61.0 31.6 95.0





#89

n-Butylbenzene

Concen: 19.730 ug/l

RT: 13.69 min Scan# 1985

Delta R.T. -0.01 min

Lab File: VY000134.D

Acq: 23 Sep 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

VY0923SBS01

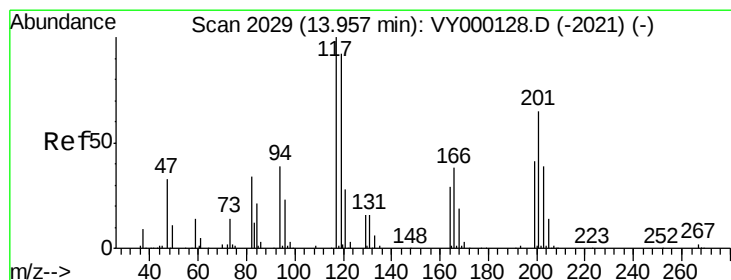
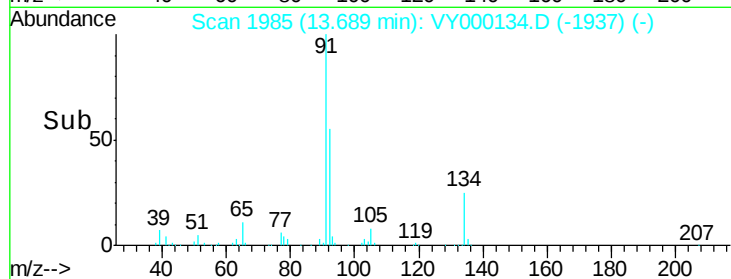
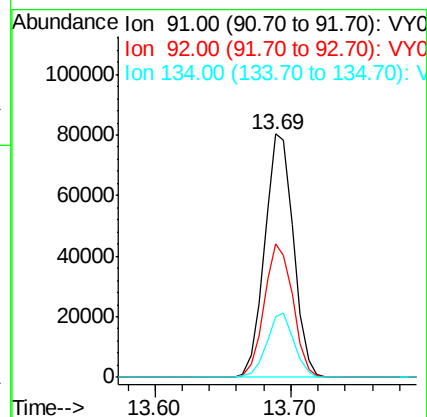
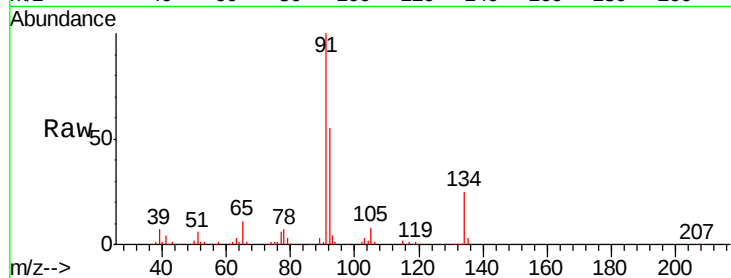
Tgt Ion: 91 Resp: 119224

Ion Ratio Lower Upper

91 100

92 54.4 27.2 81.5

134 25.2 12.9 38.7



#90

Hexachloroethane

Concen: 18.353 ug/l

RT: 13.95 min Scan# 2028

Delta R.T. -0.01 min

Lab File: VY000134.D

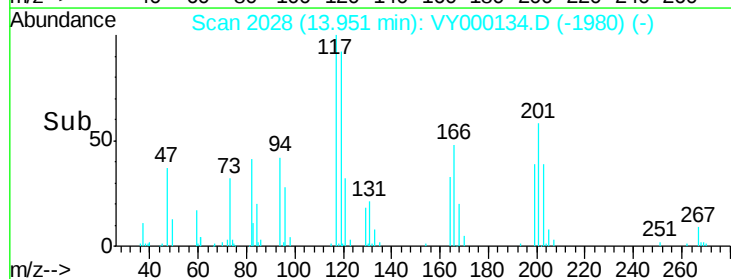
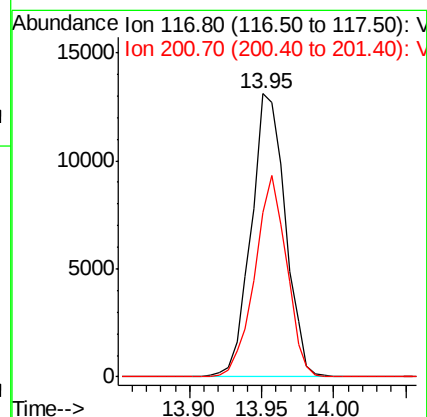
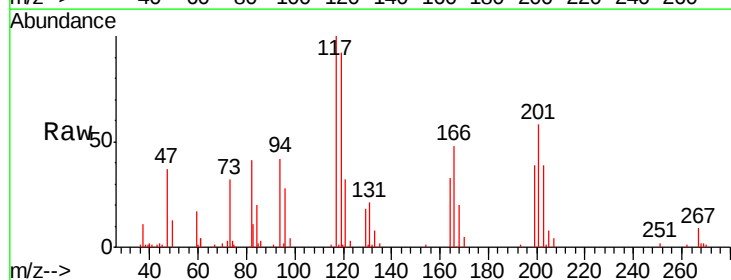
Acq: 23 Sep 2019 16:16

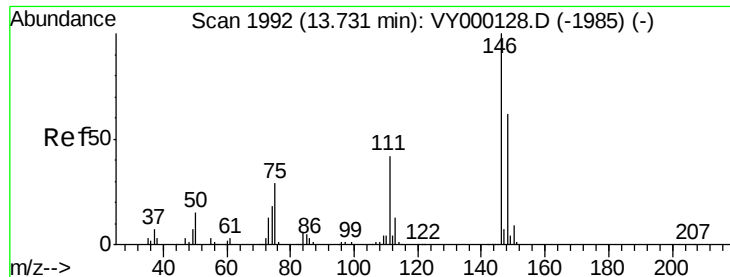
Tgt Ion: 117 Resp: 21411

Ion Ratio Lower Upper

117 100

201 66.2 30.1 90.5

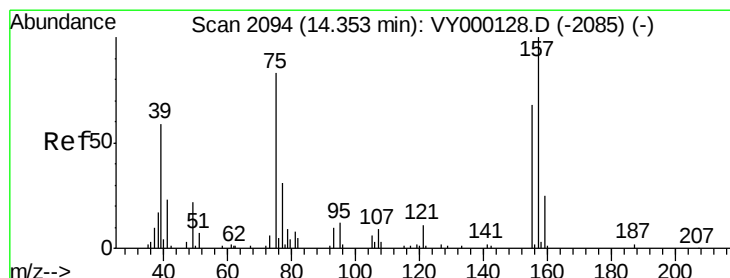
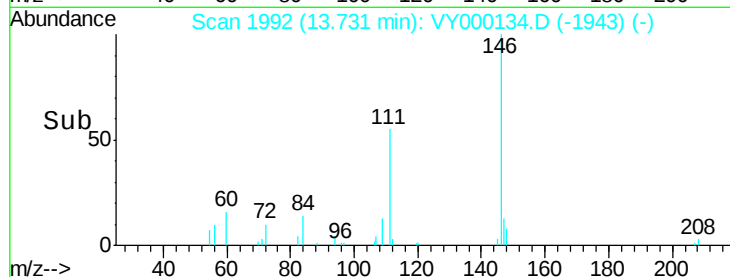
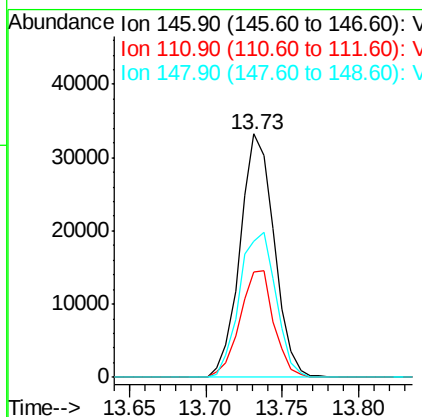
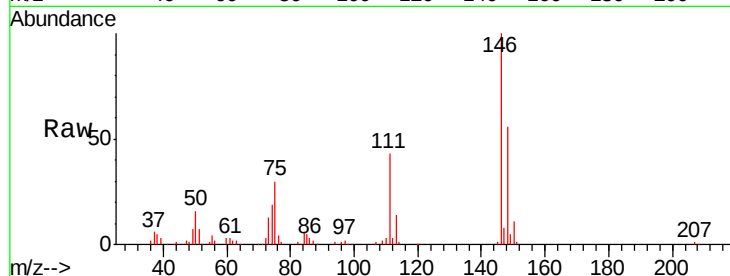




#91
 1,2-Dichlorobenzene
 Concen: 19.725 ug/l
 RT: 13.73 min Scan# 1992
 Delta R.T. 0.00 min
 Lab File: VY000134.D
 Acq: 23 Sep 2019 16:16

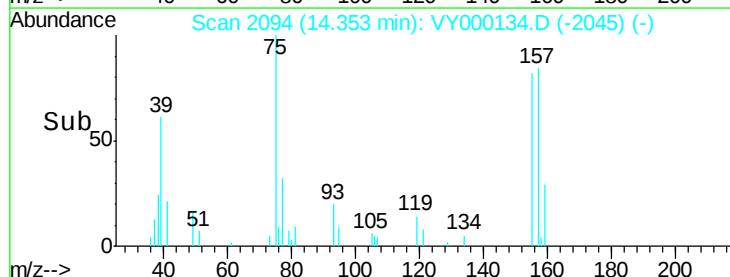
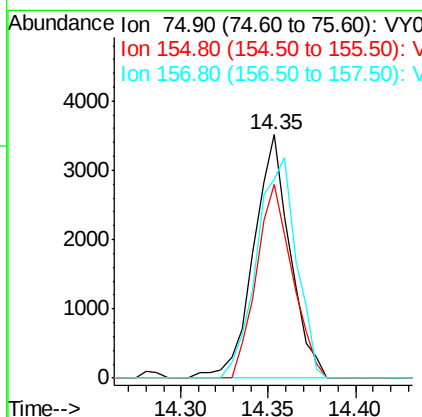
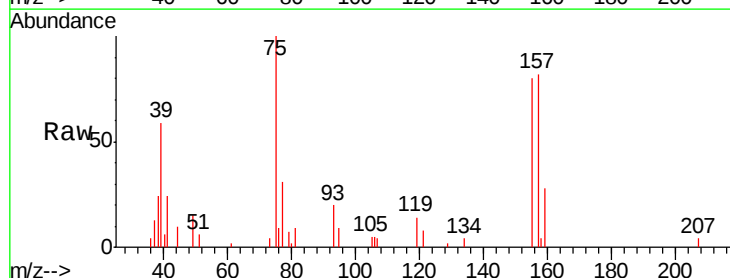
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0923SBS01

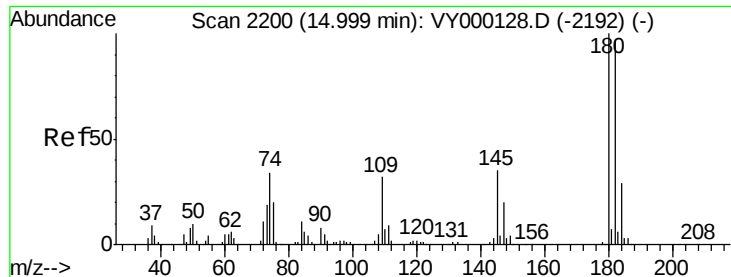
Tgt Ion: 146 Resp: 51333
 Ion Ratio Lower Upper
 146 100
 111 43.7 21.7 65.1
 148 63.6 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.543 ug/l
 RT: 14.35 min Scan# 2094
 Delta R.T. 0.00 min
 Lab File: VY000134.D
 Acq: 23 Sep 2019 16:16

Tgt Ion: 75 Resp: 5083
 Ion Ratio Lower Upper
 75 100
 155 78.6 44.7 134.1
 157 98.8 55.9 167.7

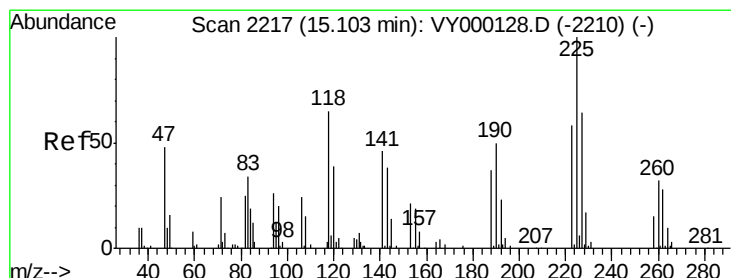
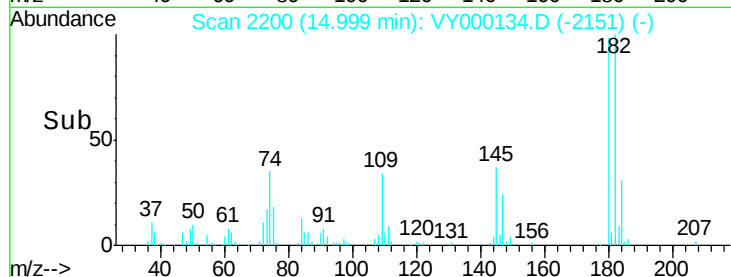
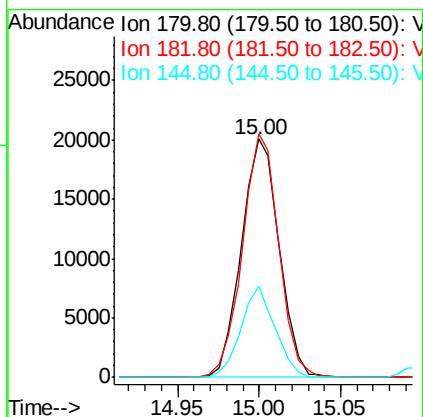
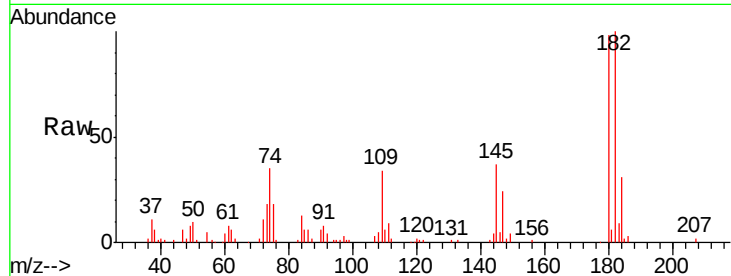




#93
 1,2,4-Trichlorobenzene
 Concen: 19.248 ug/l
 RT: 15.00 min Scan# 2200
 Delta R.T. 0.00 min
 Lab File: VY000134.D
 Acq: 23 Sep 2019 16:16

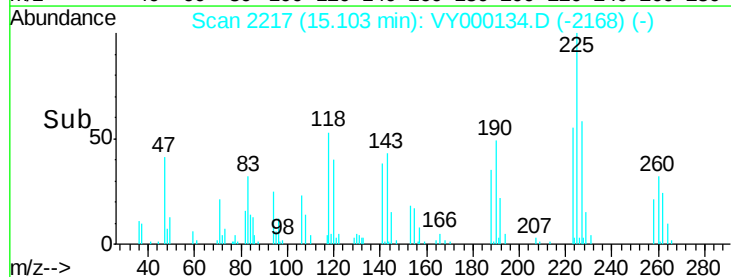
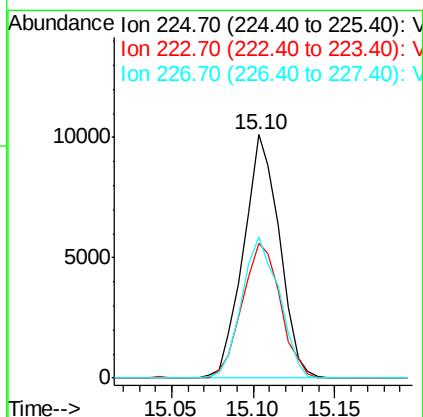
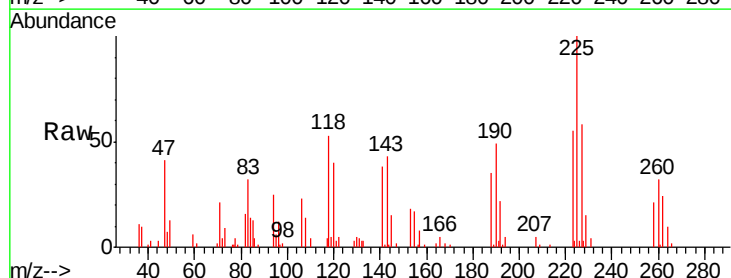
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0923SBS01

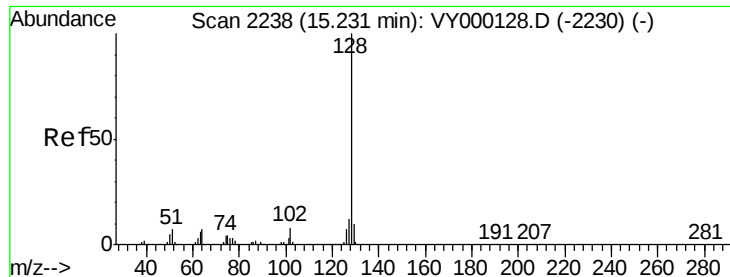
Tgt Ion:180 Resp: 32206
 Ion Ratio Lower Upper
 180 100
 182 98.6 46.1 138.2
 145 34.5 16.8 50.3



#94
 Hexachlorobutadiene
 Concen: 20.962 ug/l
 RT: 15.10 min Scan# 2217
 Delta R.T. 0.00 min
 Lab File: VY000134.D
 Acq: 23 Sep 2019 16:16

Tgt Ion:225 Resp: 15589
 Ion Ratio Lower Upper
 225 100
 223 58.6 31.9 95.5
 227 60.0 32.3 96.8

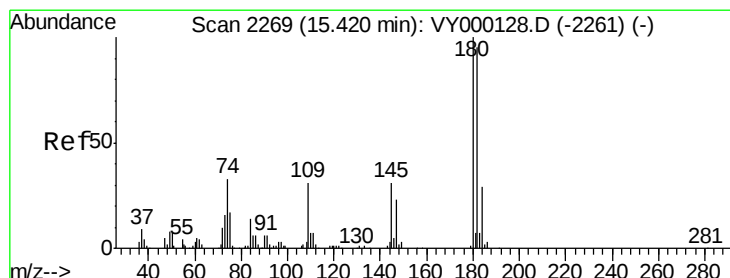
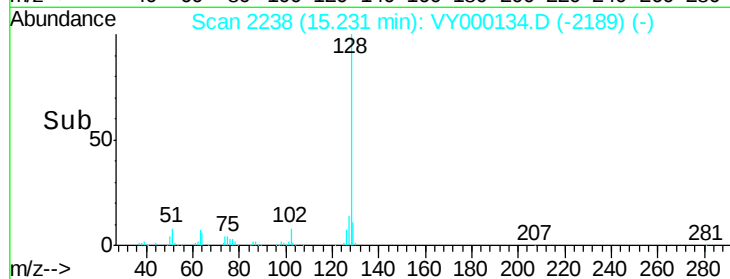
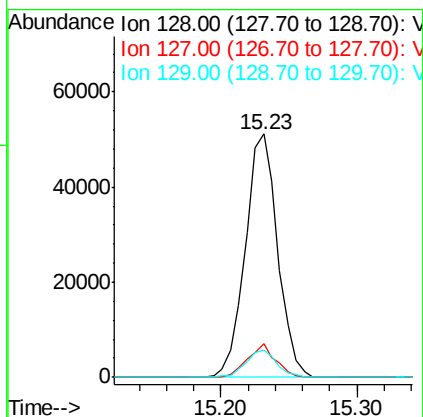
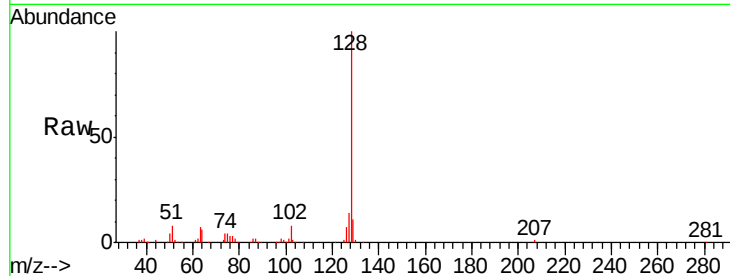




#95
Naphthalene
Concen: 20.076 ug/l
RT: 15.23 min Scan# 2238
Delta R.T. 0.00 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

Instrument :
MSVOA_Y
ClientSampleId :
VY0923SBS01

Tgt Ion:128 Resp: 84916
Ion Ratio Lower Upper
128 100
127 11.9 9.7 14.5
129 10.8 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 19.634 ug/l
RT: 15.42 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VY000134.D
Acq: 23 Sep 2019 16:16

Tgt Ion:180 Resp: 29301
Ion Ratio Lower Upper
180 100
182 96.4 47.4 142.3
145 34.6 17.5 52.6

