

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102419\
 Data File : VY000402.D
 Acq On : 24 Oct 2019 12:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 25 06:36:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	229013	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	370058	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	338955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	173479	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	125266	51.85	ug/l	0.00
Spiked Amount			Recovery	=	103.70%	
35) Dibromofluoromethane	7.72	113	118876	53.25	ug/l	0.00
Spiked Amount			Recovery	=	106.50%	
50) Toluene-d8	10.18	98	472311	55.00	ug/l	0.00
Spiked Amount			Recovery	=	110.00%	
62) 4-Bromofluorobenzene	12.48	95	174799	53.58	ug/l	0.00
Spiked Amount			Recovery	=	107.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	79187	43.182	ug/l	99
3) Chloromethane	2.12	50	160550	57.371	ug/l	96
4) Vinyl Chloride	2.26	62	127688	45.211	ug/l	100
5) Bromomethane	2.65	94	103070	49.243	ug/l	96
6) Chloroethane	2.79	64	84616	46.434	ug/l	92
7) Trichlorofluoromethane	3.13	101	187961	48.653	ug/l	98
8) Diethyl Ether	3.53	74	75263	55.146	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	116050	49.532	ug/l	99
10) Methyl Iodide	4.10	142	143308	43.111	ug/l	100
11) Tert butyl alcohol	4.96	59	80178	317.150	ug/l	95
12) 1,1-Dichloroethene	3.88	96	113549	49.092	ug/l	97
13) Acrolein	3.74	56	72870	245.858	ug/l	96
14) Allyl chloride	4.49	41	193763	50.551	ug/l	99
15) Acrylonitrile	5.18	53	185257	242.517	ug/l	96
16) Acetone	3.96	43	213950	273.483	ug/l	98
17) Carbon Disulfide	4.20	76	315341	43.301	ug/l	98
18) Methyl Acetate	4.48	43	92797	47.741	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	337207	52.371	ug/l	100
20) Methylene Chloride	4.72	84	154196	59.536	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	129467	48.788	ug/l	96
22) Diisopropyl ether	6.13	45	437622	53.981	ug/l	97
23) Vinyl Acetate	6.07	43	1390031	262.824	ug/l	99
24) 1,1-Dichloroethane	6.02	63	228088	51.545	ug/l	98
25) 2-Butanone	6.99	43	293963	266.746	ug/l	99
26) 2,2-Dichloropropane	6.99	77	215122	52.758	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	149581	52.092	ug/l	99
28) Bromochloromethane	7.35	49	98899	52.063	ug/l	98
29) Tetrahydrofuran	7.35	42	167769	251.198	ug/l	98
30) Chloroform	7.52	83	231617	51.975	ug/l	100
31) Cyclohexane	7.79	56	219382	47.467	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	208152	52.539	ug/l	96
36) 1,1-Dichloropropene	7.93	75	183331	50.601	ug/l	98
37) Ethyl Acetate	7.08	43	109304	50.950	ug/l	97
38) Carbon Tetrachloride	7.91	117	182977	52.160	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	236758	49.928	ug/l	97
40) Benzene	8.17	78	543176	51.878	ug/l	99
41) Methacrylonitrile	7.35	41	152467	149.306	ug/l #	25
42) 1,2-Dichloroethane	8.25	62	157408	52.630	ug/l	99
43) Isopropyl Acetate	8.28	43	212383	52.066	ug/l	99
44) Trichloroethene	8.95	130	148496	50.546	ug/l	95
45) 1,2-Dichloropropane	9.22	63	134711	52.428	ug/l	94
46) Dibromomethane	9.31	93	73816	51.391	ug/l	97
47) Bromodichloromethane	9.50	83	183295	54.147	ug/l	98
48) Methyl methacrylate	9.30	41	95544	53.446	ug/l	98
49) 1,4-Dioxane	9.30	88	21649	1005.215	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	575027	273.314	ug/l	99
52) Toluene	10.25	92	351875	52.933	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	203160	56.000	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	226376	54.947	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	112005	53.631	ug/l	99
56) Ethyl methacrylate	10.51	69	161992	54.419	ug/l	98
57) 1,3-Dichloropropane	10.79	76	196252	54.717	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	314290	264.700	ug/l	99
59) 2-Hexanone	10.83	43	442662	299.752	ug/l	98
60) Dibromochloromethane	10.99	129	128215	55.390	ug/l	99
61) 1,2-Dibromoethane	11.09	107	105608	52.666	ug/l	100
64) Tetrachloroethene	10.72	164	152277	47.190	ug/l	97
65) Chlorobenzene	11.52	112	372182	52.028	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	135317	53.850	ug/l	99
67) Ethyl Benzene	11.60	91	695174	52.423	ug/l	99
68) m/p-Xylenes	11.70	106	528266	104.206	ug/l	99
69) o-Xylene	12.03	106	250193	51.735	ug/l	100
70) Styrene	12.05	104	433351	53.133	ug/l	100
71) Bromoform	12.21	173	79350	54.931	ug/l	98
73) Isopropylbenzene	12.33	105	683521	50.531	ug/l	100
74) N-amyl acetate	12.14	43	200909	60.500	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	137315	54.067	ug/l	97
76) 1,2,3-Trichloropropane	12.64	75	189811	88.980	ug/l #	100
77) Bromobenzene	12.61	156	153205	50.898	ug/l	96
78) n-propylbenzene	12.67	91	838003	51.598	ug/l	99
79) 2-Chlorotoluene	12.75	91	460271	51.317	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	573012	50.519	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	51385	52.704	ug/l	99
82) 4-Chlorotoluene	12.86	91	486522	51.316	ug/l	100
83) tert-Butylbenzene	13.08	119	488152	50.821	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	583167	52.093	ug/l	99
85) sec-Butylbenzene	13.25	105	717734	51.653	ug/l	100
86) p-Isopropyltoluene	13.37	119	633159	52.266	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	304754	51.387	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	307794	51.925	ug/l	97
89) n-Butylbenzene	13.70	91	631663	52.765	ug/l	99
90) Hexachloroethane	13.96	117	119864	53.434	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	283029	52.734	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	22333	46.365	ug/l	99

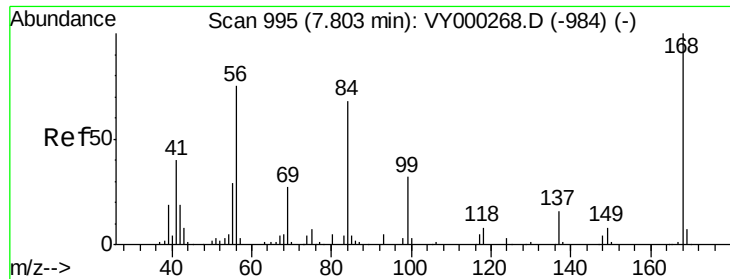
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Quant Title : SW846 8260
QLast Update : Thu Oct 17 02:03:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	190863	51.077	ug/l	99
94) Hexachlorobutadiene	15.11	225	99920	49.411	ug/l	99
95) Naphthalene	15.23	128	418720	50.212	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	170357	50.585	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

Instrument :

MSVOA_Y

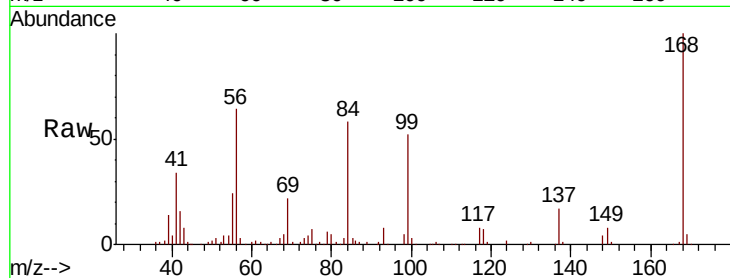
ClientSampleId :

Tot Ion:168 Resp: 229013

Ion Ratio Lower Upper

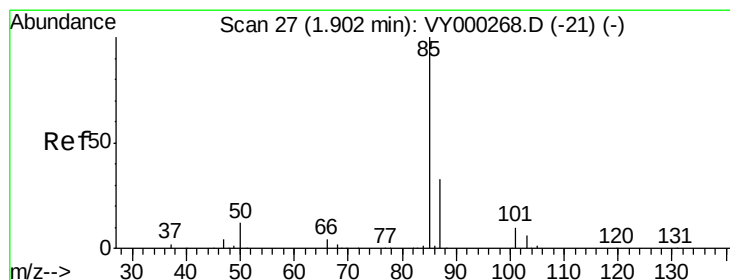
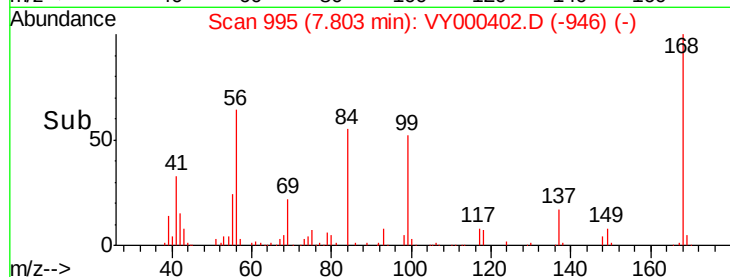
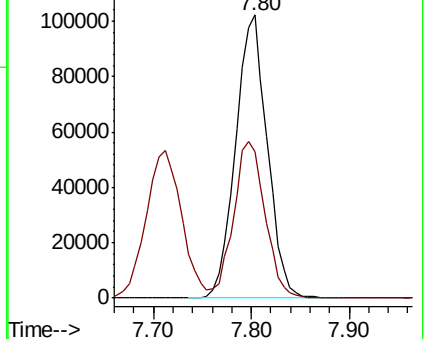
168 100

99 51.8 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000402.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000402.D (-946) (-)



#2

Dichlorodifluoromethane

Concen: 43.182 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000402.D

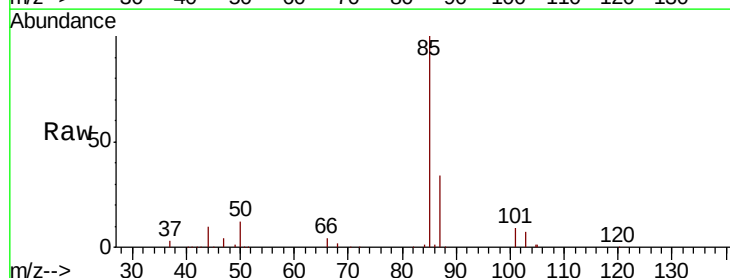
Acq: 24 Oct 2019 12:00

Tgt Ion: 85 Resp: 79187

Ion Ratio Lower Upper

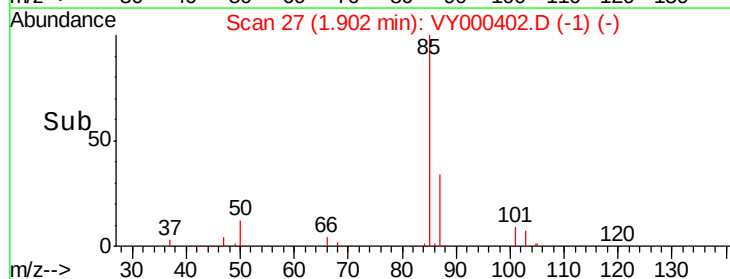
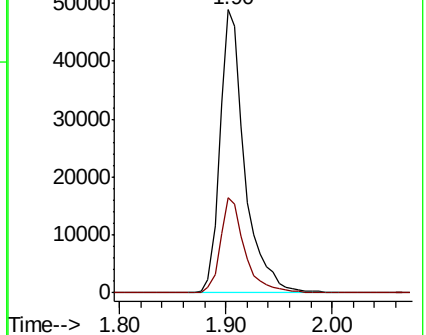
85 100

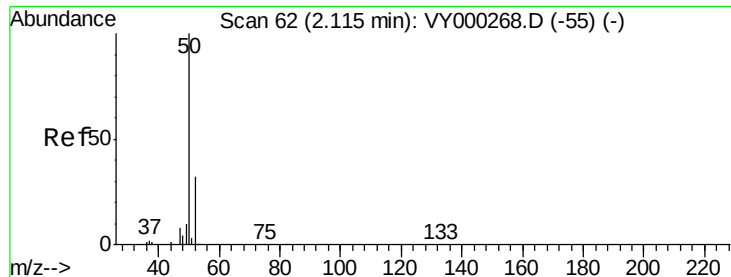
87 33.7 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VY000402.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY000402.D (-1) (-)





#3

Chloromethane

Concen: 57.371 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

Instrument :

MSVOA_Y

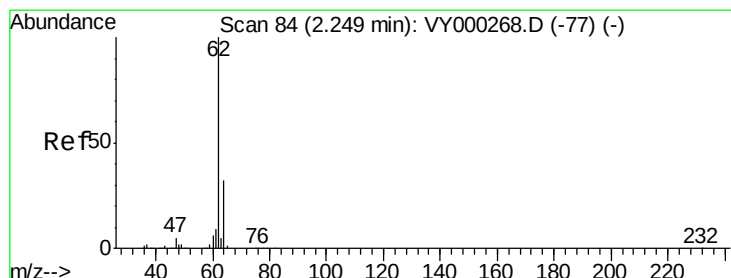
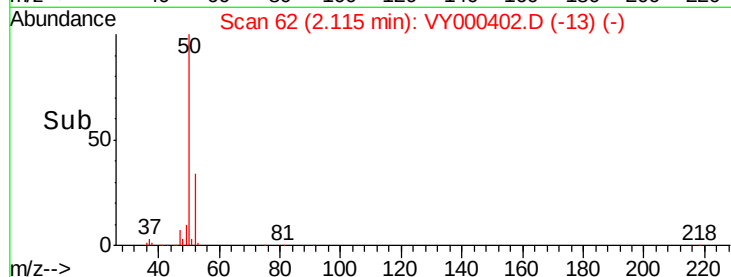
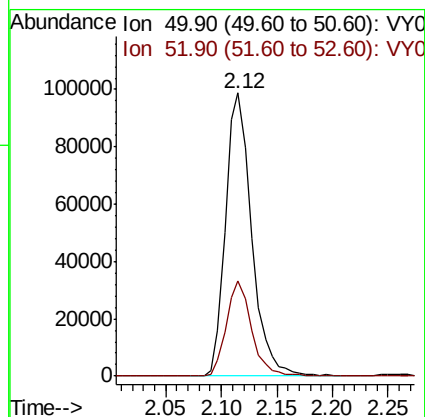
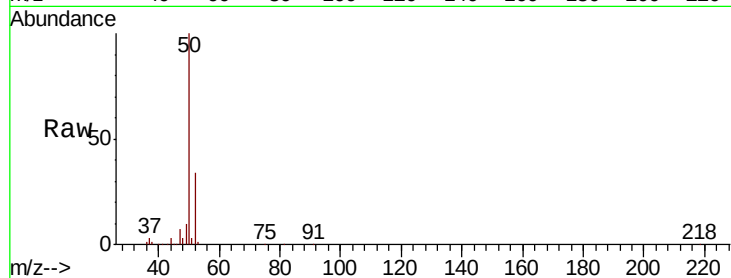
ClientSampled :

Tot Ion: 50 Resp: 160550

Ion Ratio Lower Upper

50 100

52 33.6 25.3 37.9



#4

Vinyl Chloride

Concen: 45.211 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000402.D

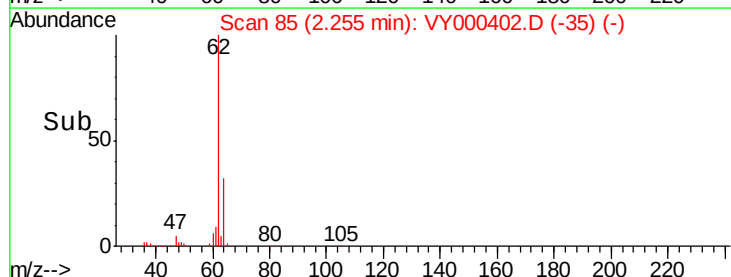
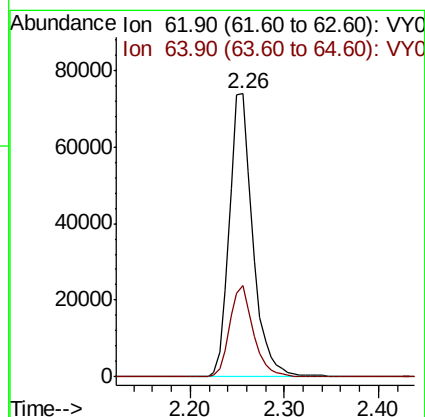
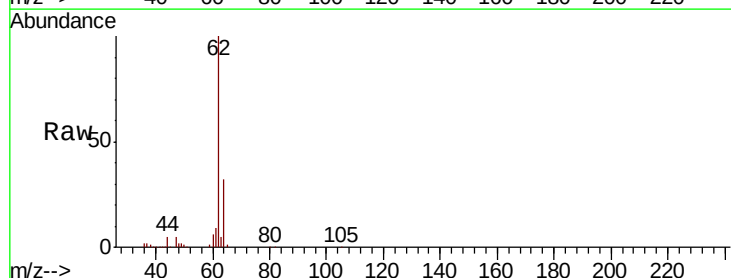
Acq: 24 Oct 2019 12:00

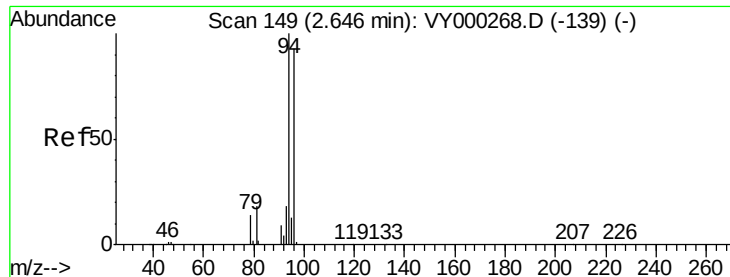
Tgt Ion: 62 Resp: 127688

Ion Ratio Lower Upper

62 100

64 32.2 25.6 38.4





#5

Bromomethane

Concen: 49.243 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

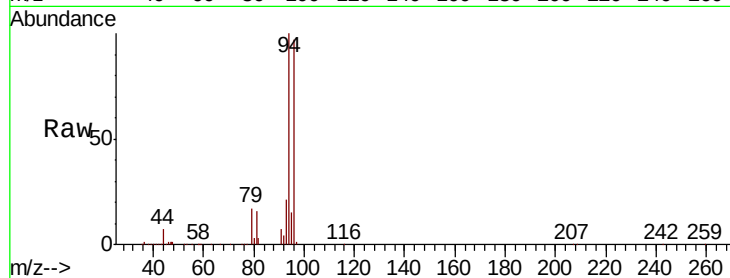
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 103070

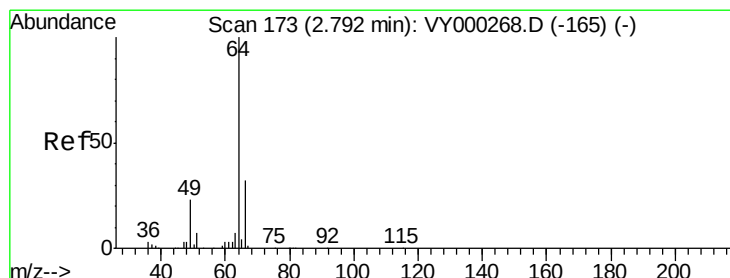
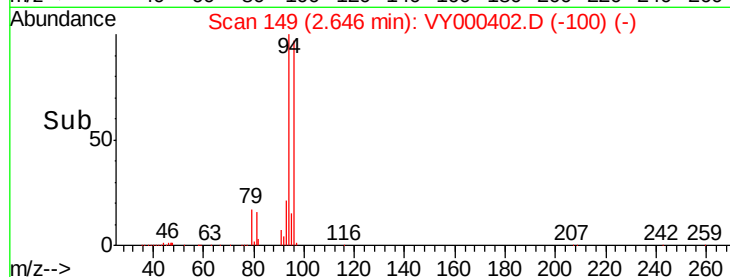
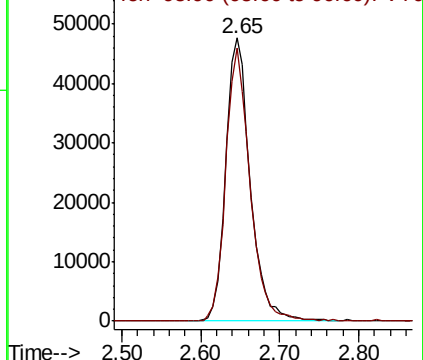
Ion Ratio Lower Upper

94 100

96 96.7 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VY0
Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 46.434 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000402.D

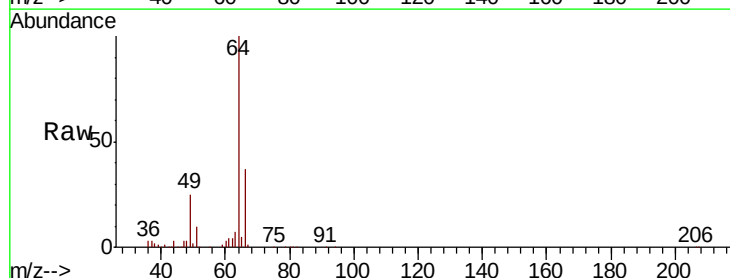
Acq: 24 Oct 2019 12:00

Tgt Ion: 64 Resp: 84616

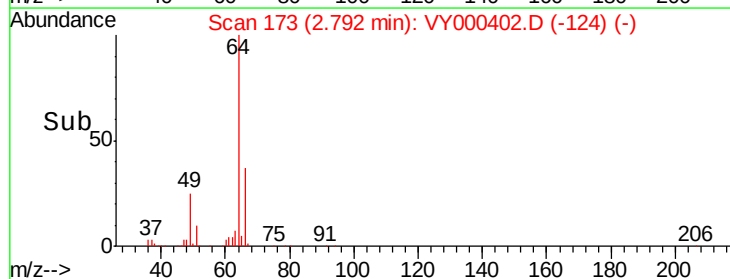
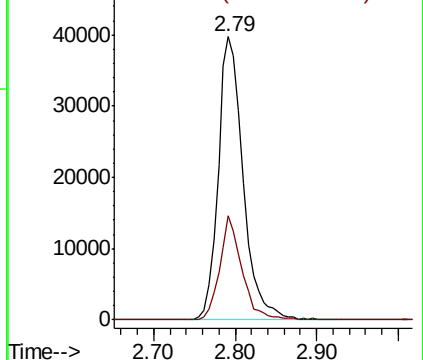
Ion Ratio Lower Upper

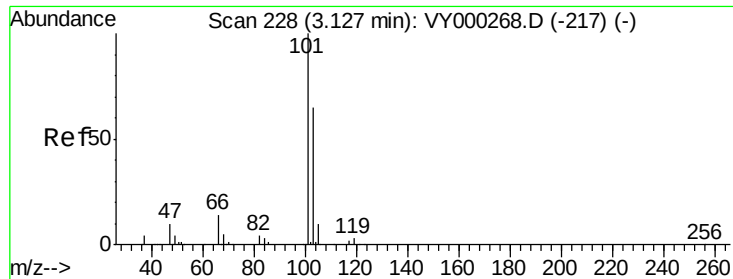
64 100

66 36.6 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VY0
Ion 65.90 (65.60 to 66.60): VY0



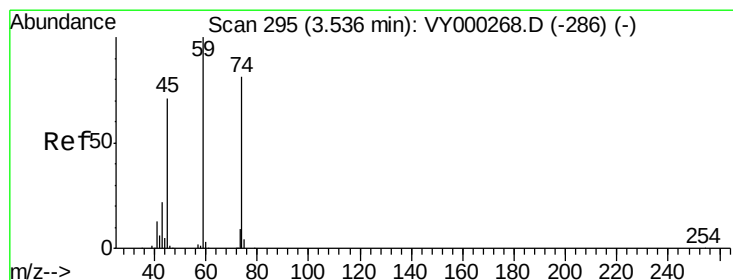
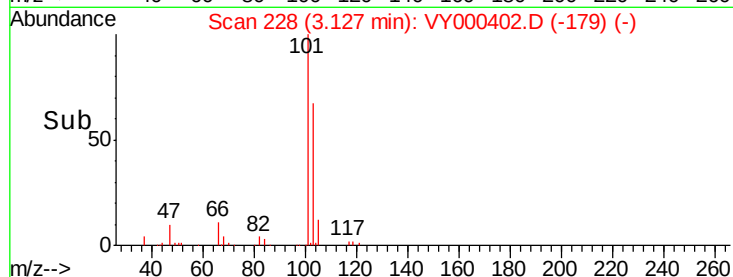
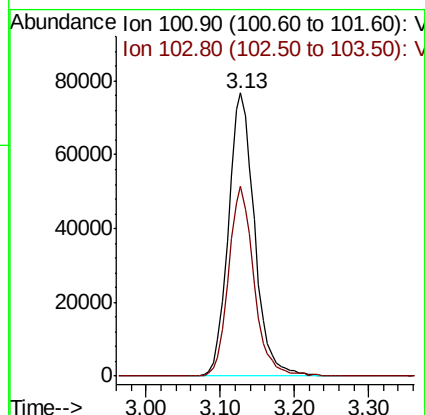
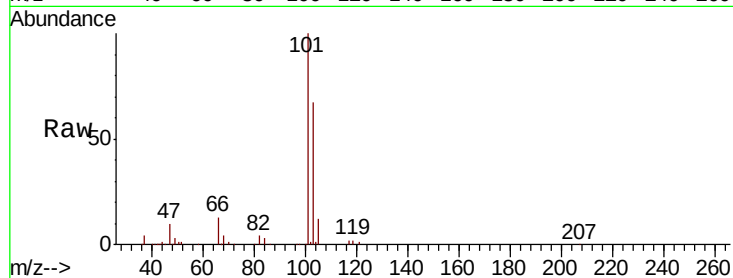


#7

Trichlorofluoromethane
Concen: 48.653 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :

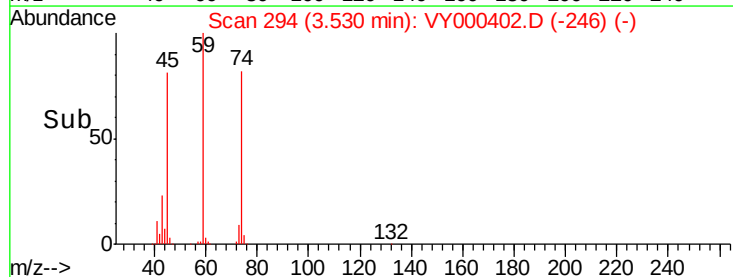
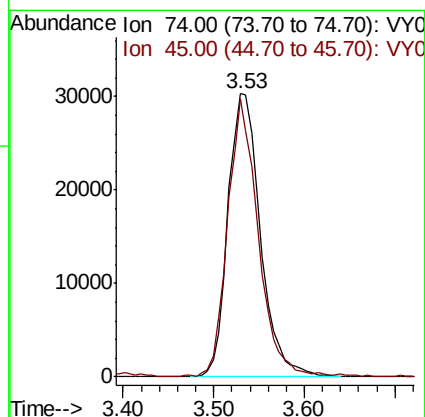
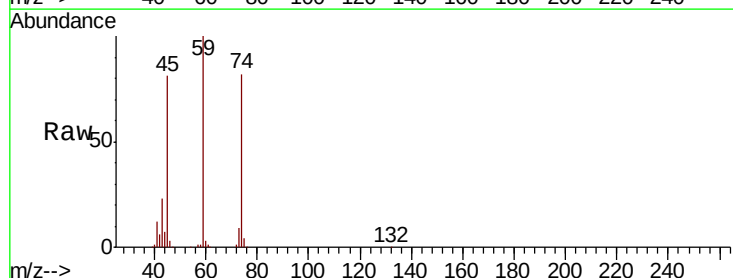
Tot Ion:101 Resp: 187961
Ion Ratio Lower Upper
101 100
103 67.1 52.2 78.4

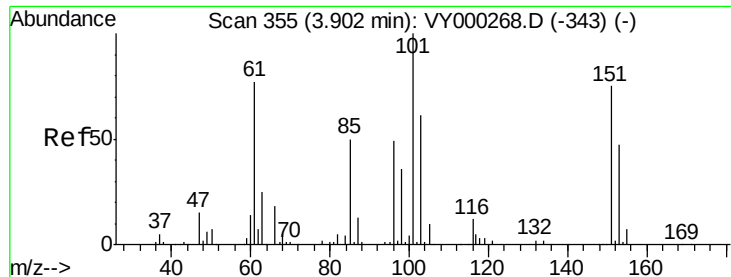


#8

Diethyl Ether
Concen: 55.146 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Tgt Ion: 74 Resp: 75263
Ion Ratio Lower Upper
74 100
45 92.3 47.1 141.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.532 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.00 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

Instrument :

MSVOA_Y

ClientSampleId :

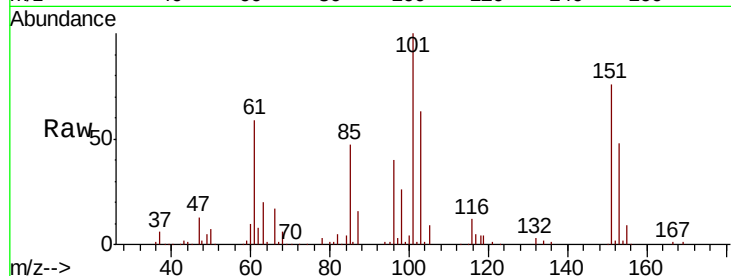
Tot Ion:101 Resp: 116050

Ion Ratio Lower Upper

101 100

85 45.7 36.6 55.0

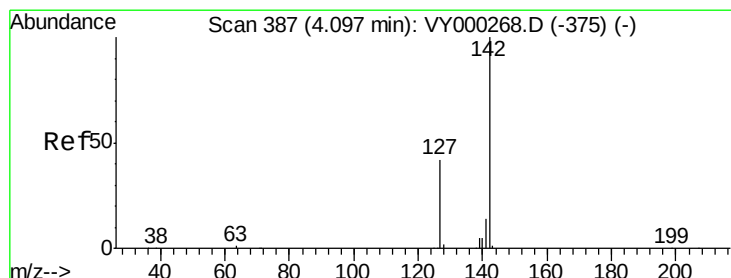
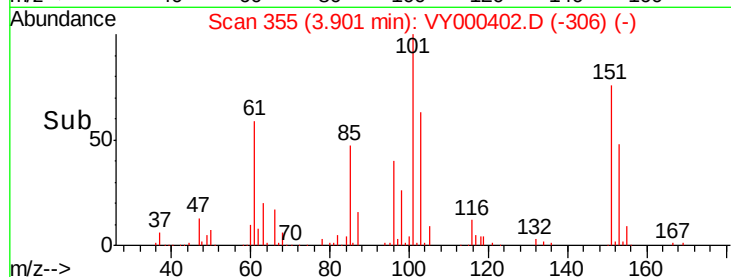
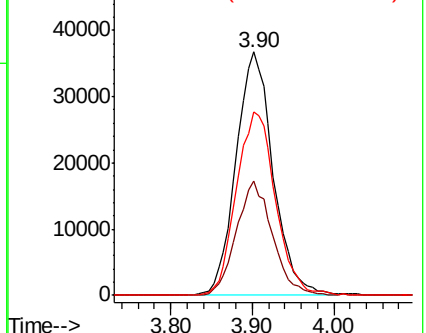
151 79.6 63.1 94.7



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: 43.111 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

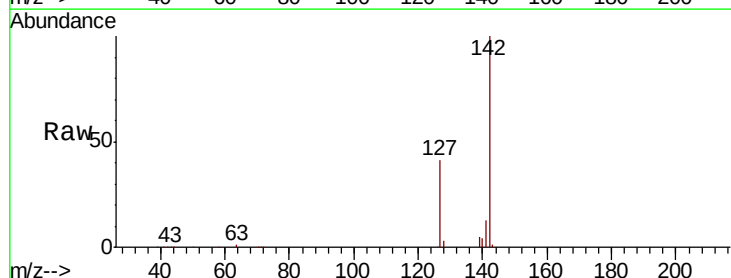
Tgt Ion:142 Resp: 143308

Ion Ratio Lower Upper

142 100

127 42.2 33.9 50.9

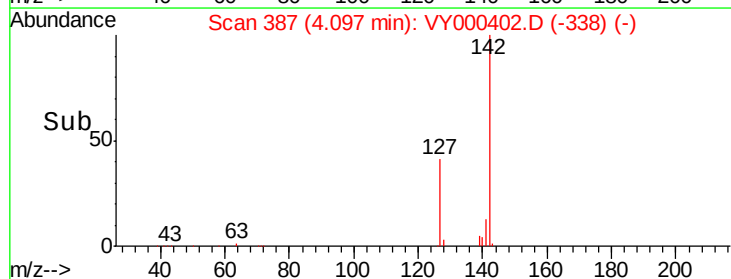
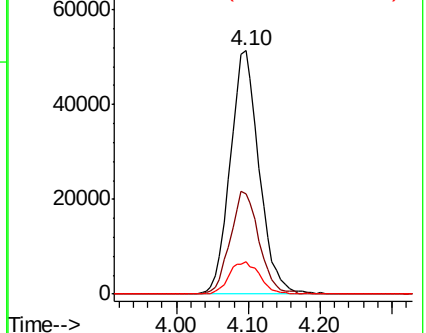
141 14.3 11.2 16.8

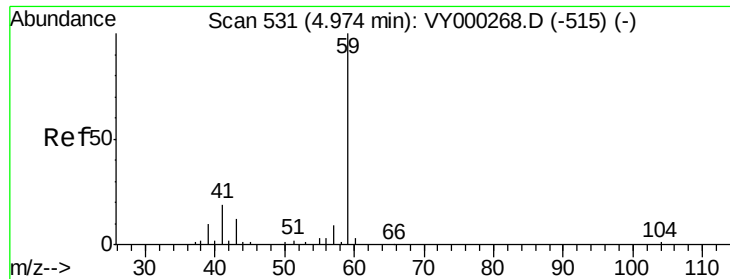


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

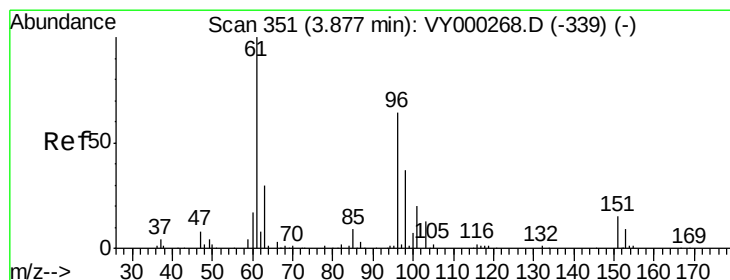
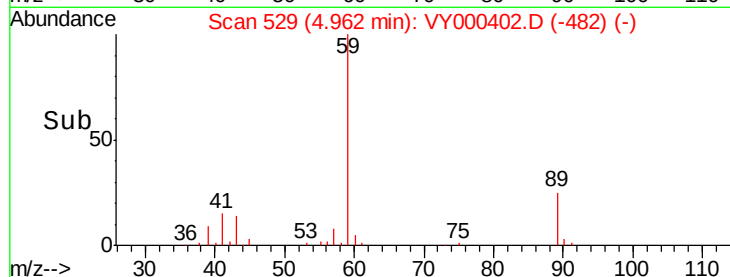
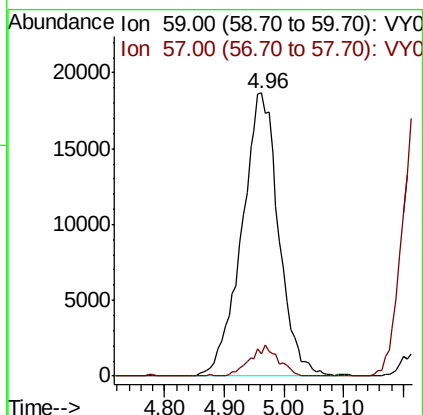
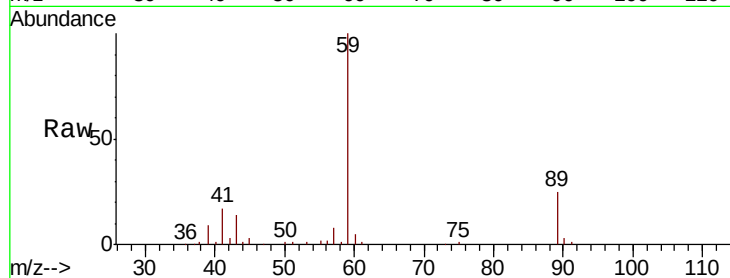




#11
Tert butyl alcohol
Concen: 317.150 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.01 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

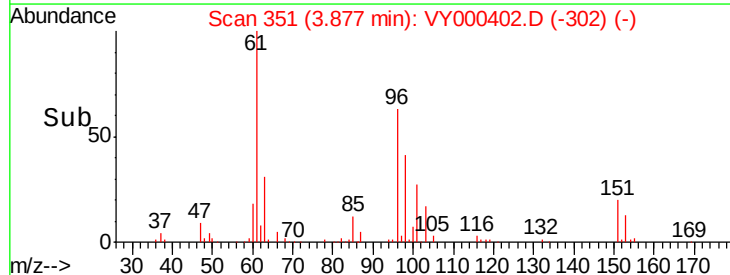
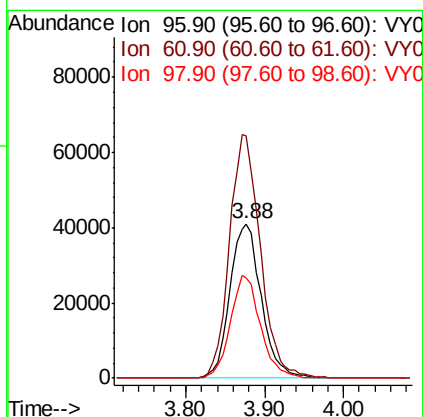
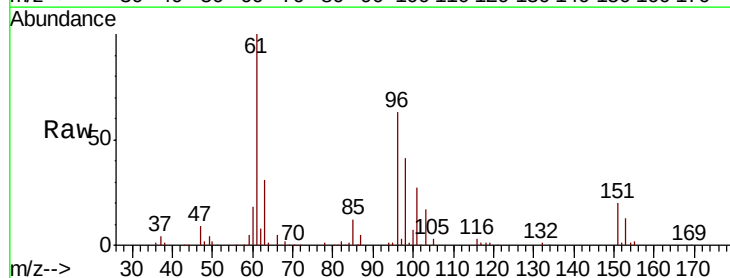
Instrument :
MSVOA_Y
ClientSampleId :

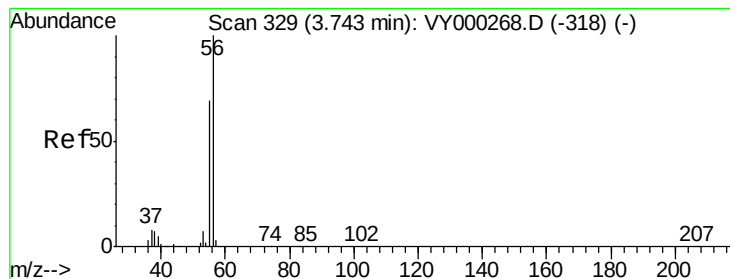
Tot Ion: 59 Resp: 80178
Ion Ratio Lower Upper
59 100
57 8.4 8.2 12.2



#12
1,1-Dichloroethene
Concen: 49.092 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Tgt Ion: 96 Resp: 113549
Ion Ratio Lower Upper
96 100
61 157.5 125.8 188.6
98 64.7 46.2 69.2





#13

Acrolein

Concen: 245.858 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

Instrument :

MSVOA_Y

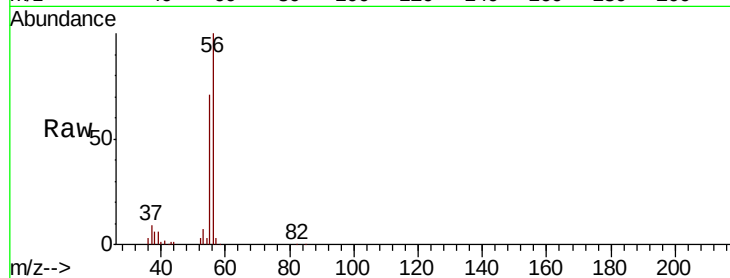
ClientSampleId :

Tot Ion: 56 Resp: 72870

Ion Ratio Lower Upper

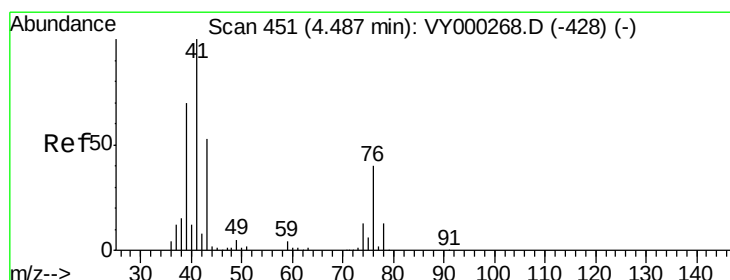
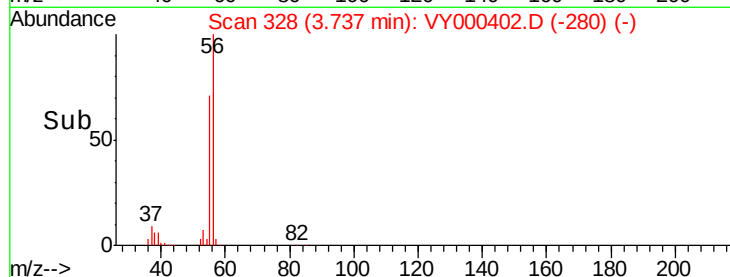
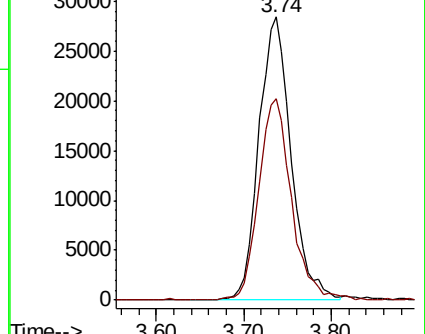
56 100

55 72.6 55.7 83.5



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 50.551 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

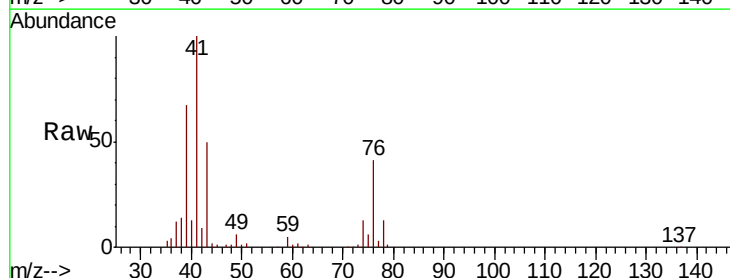
Tgt Ion: 41 Resp: 193763

Ion Ratio Lower Upper

41 100

39 66.8 54.0 81.0

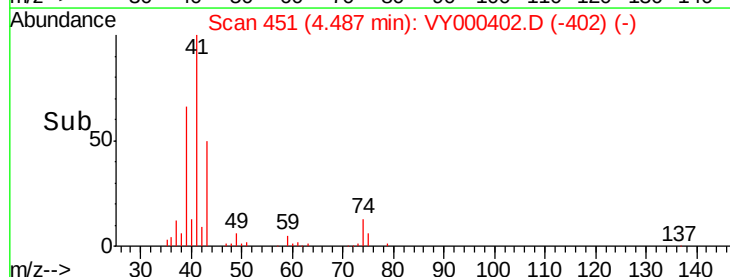
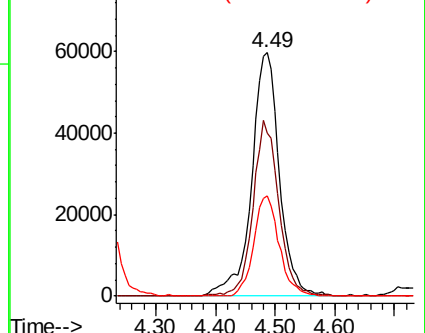
76 37.6 30.7 46.1

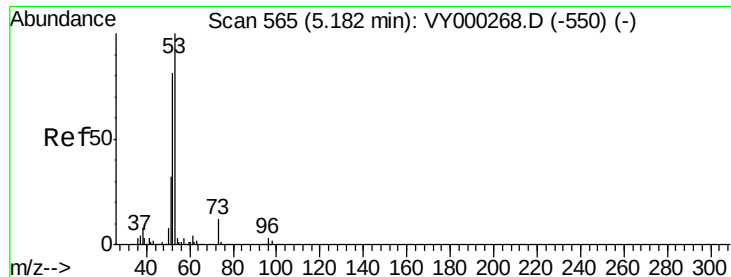


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 242.517 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

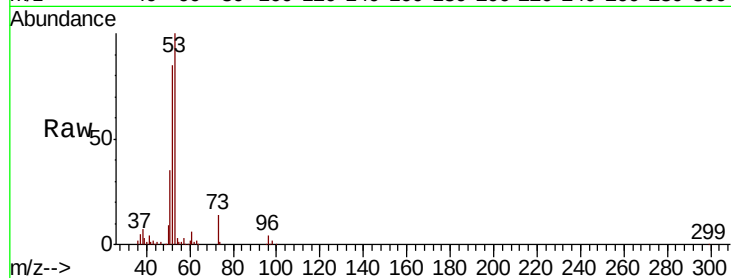
Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 53 Resp: 185257

Ion	Ratio	Lower	Upper
53	100		
52	81.8	62.9	94.3
51	36.1	26.9	40.3

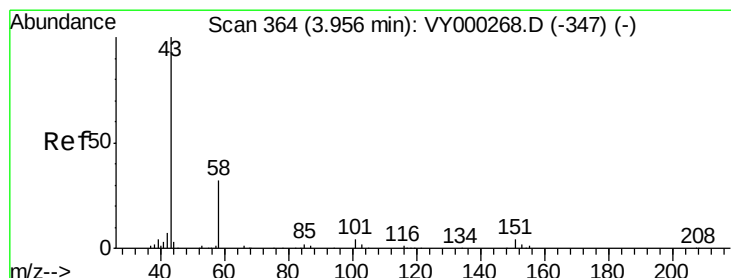
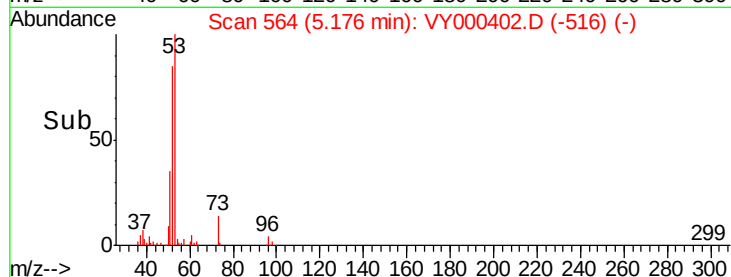
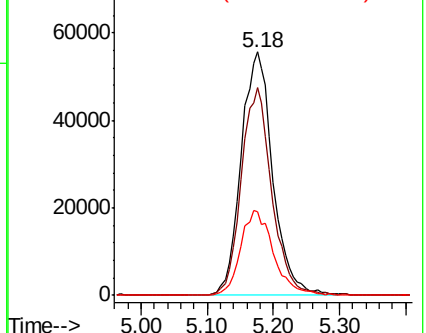


Abundance

Ion 53.00 (52.70 to 53.70): VY0

Ion 52.00 (51.70 to 52.70): VY0

Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 273.483 ug/l

RT: 3.96 min Scan# 364

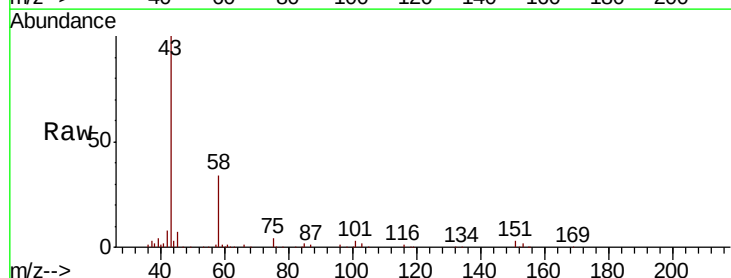
Delta R.T. -0.00 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

Tgt Ion: 43 Resp: 213950

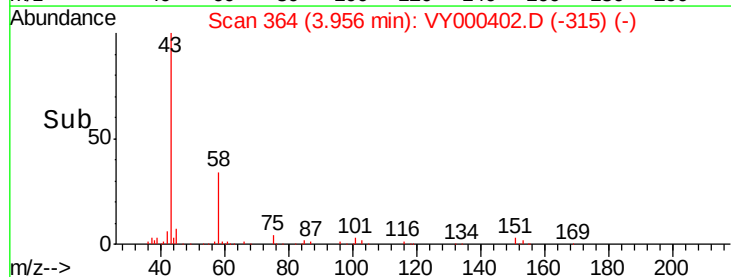
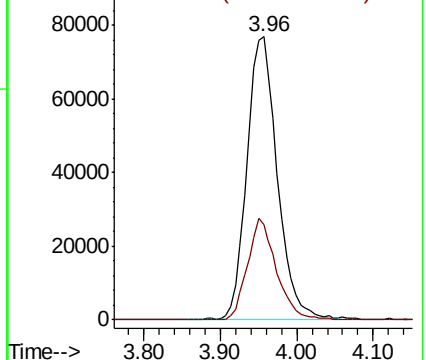
Ion	Ratio	Lower	Upper
43	100		
58	33.6	25.8	38.6

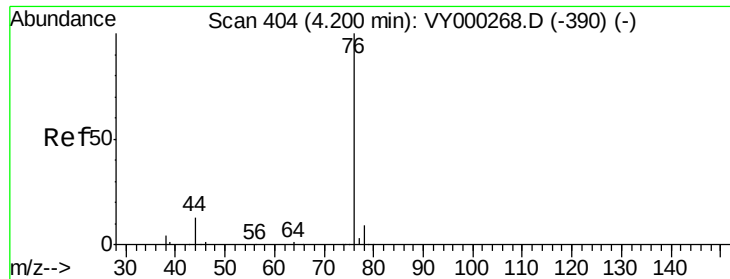


Abundance

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

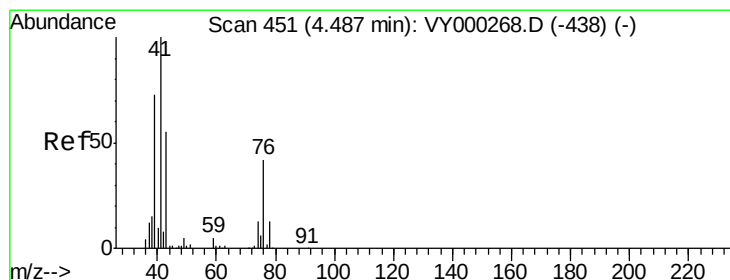
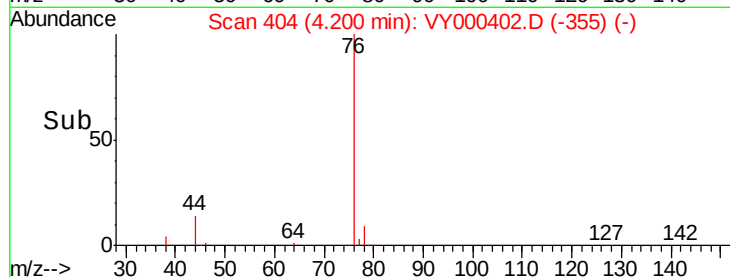
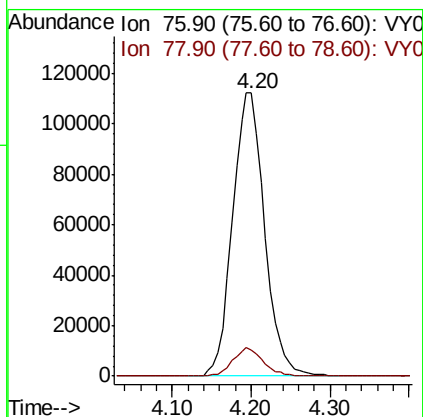
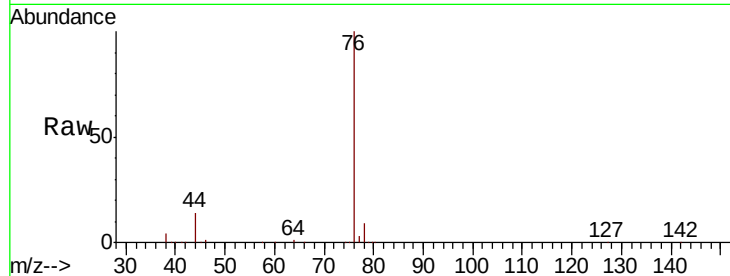




#17
Carbon Disulfide
Concen: 43.301 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

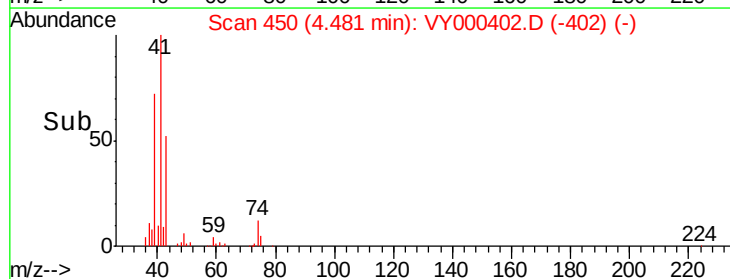
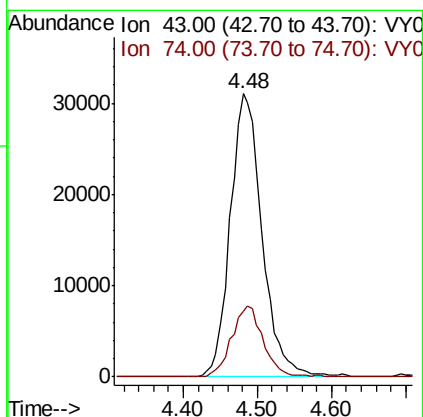
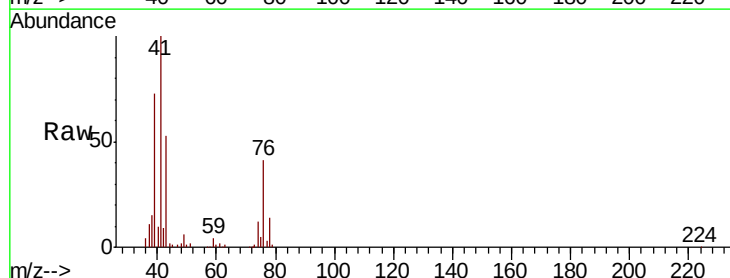
Instrument :
MSVOA_Y
ClientSampleId :

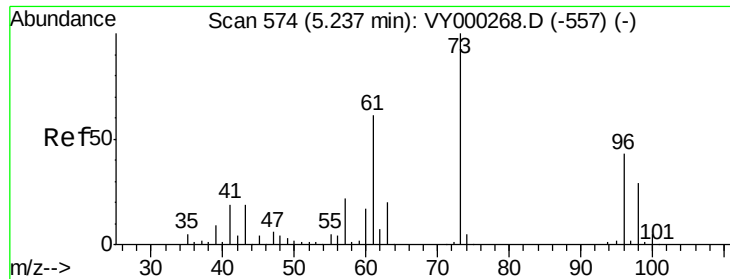
Tot Ion: 76 Resp: 315341
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4



#18
Methyl Acetate
Concen: 47.741 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Tgt Ion: 43 Resp: 92797
Ion Ratio Lower Upper
43 100
74 25.0 20.4 30.6

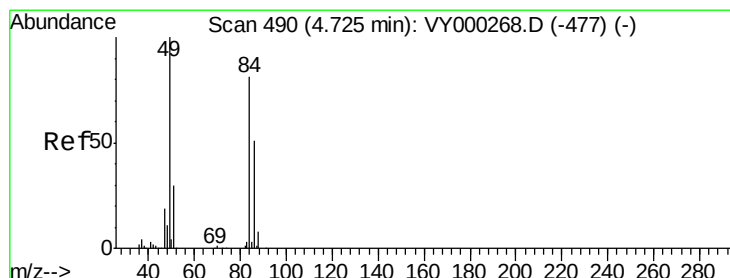
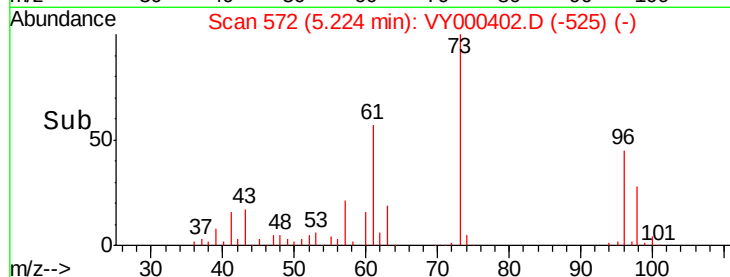
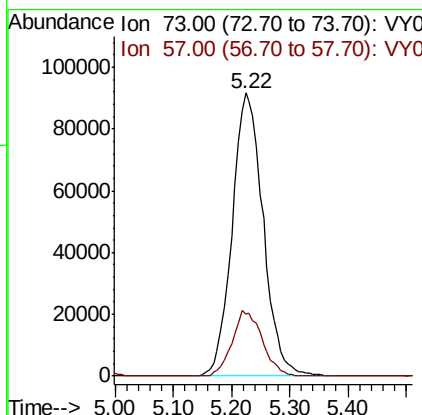
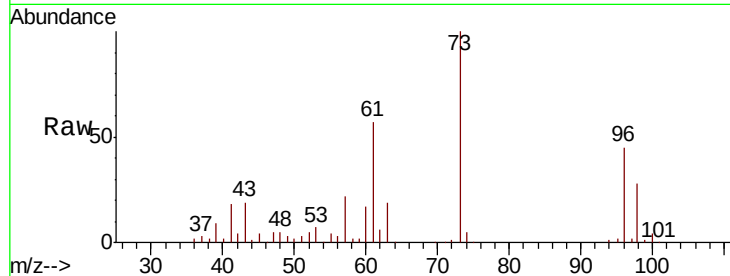




#19
Methyl tert-butyl Ether
Concen: 52.371 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

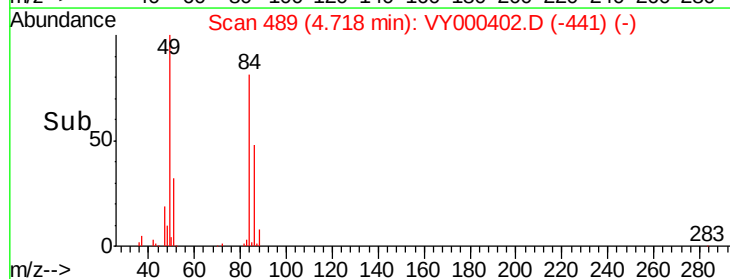
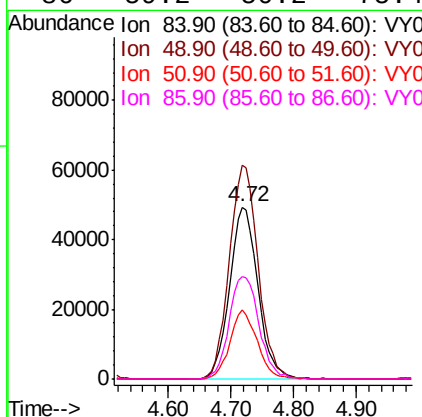
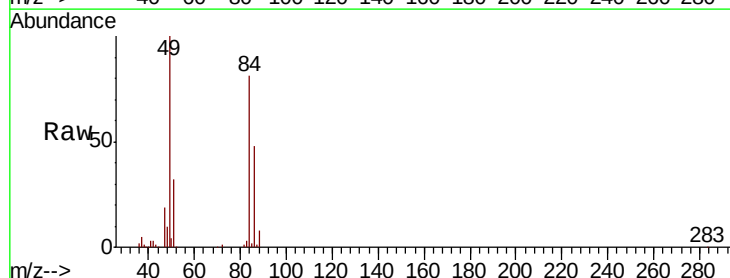
Instrument :
MSVOA_Y
ClientSampled :

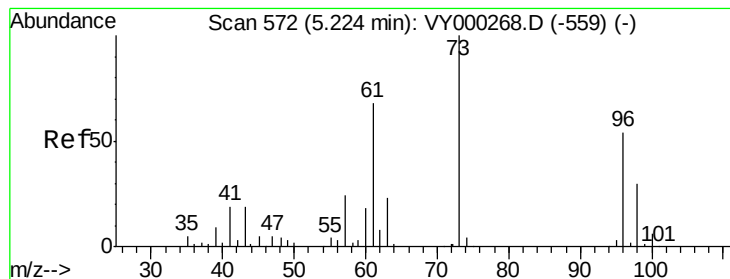
Tot Ion: 73 Resp: 337207
Ion Ratio Lower Upper
73 100
57 21.7 17.4 26.0



#20
Methylene Chloride
Concen: 59.536 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Tgt Ion: 84 Resp: 154196
Ion Ratio Lower Upper
84 100
49 124.1 99.0 148.4
51 40.1 29.3 43.9
86 59.2 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 48.788 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

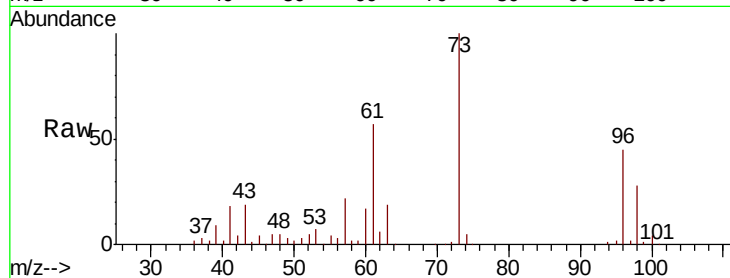
Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 96 Resp: 129467

Ion	Ratio	Lower	Upper
96	100		
61	127.7	100.4	150.6
98	61.7	44.6	66.8

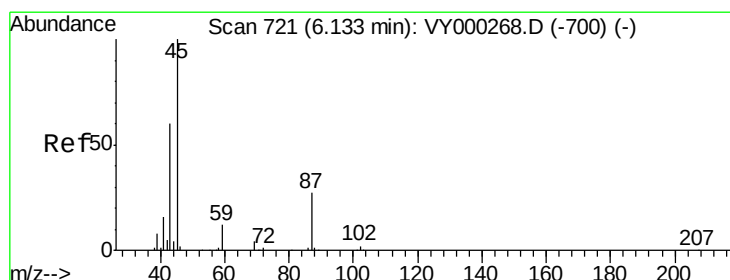
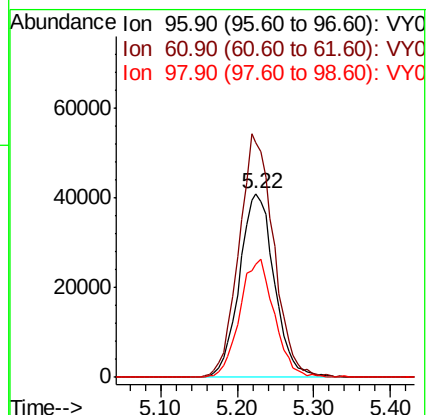
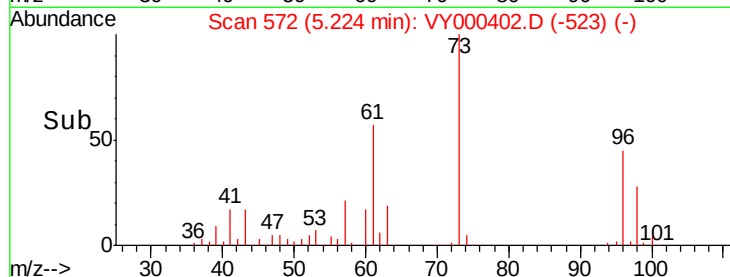


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 53.981 ug/l

RT: 6.13 min Scan# 720

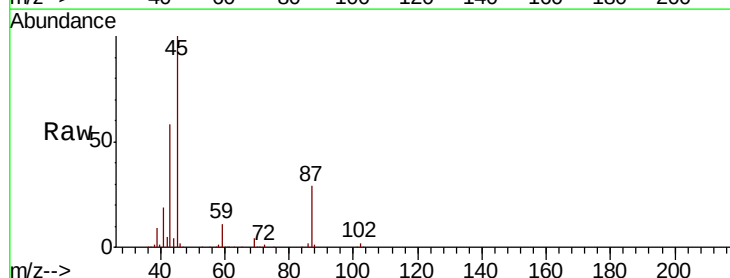
Delta R.T. -0.01 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

Tgt Ion: 45 Resp: 437622

Ion	Ratio	Lower	Upper
45	100		
43	58.2	48.5	72.7
87	28.5	21.5	32.3
59	10.9	9.4	14.0



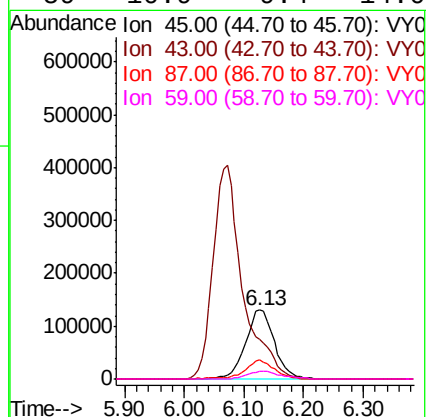
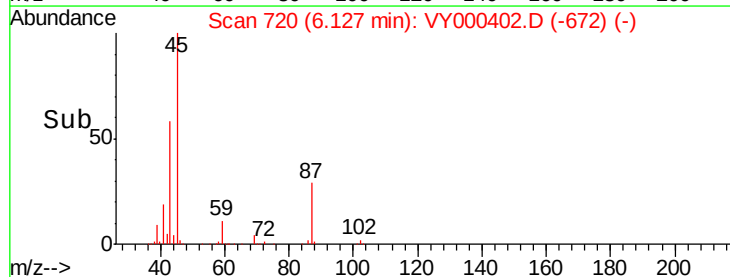
Abundance

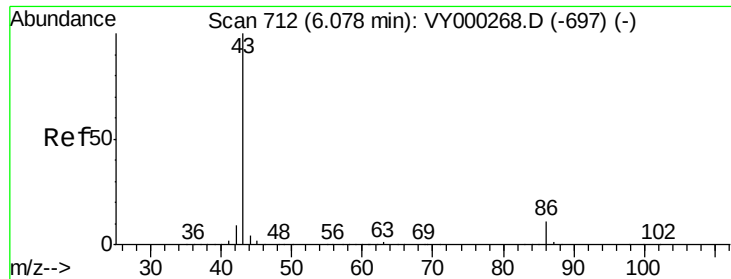
Ion 45.00 (44.70 to 45.70): VY0

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: 262.824 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

Instrument :

MSVOA_Y

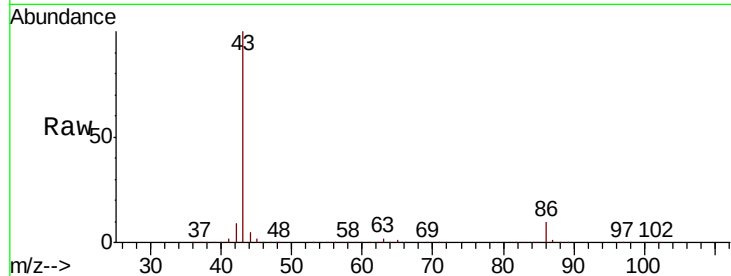
ClientSampleId :

Tot Ion: 43 Resp: 1390031

Ion Ratio Lower Upper

43 100

86 10.3 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

400000

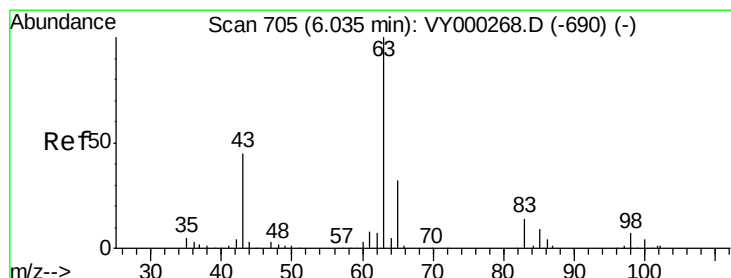
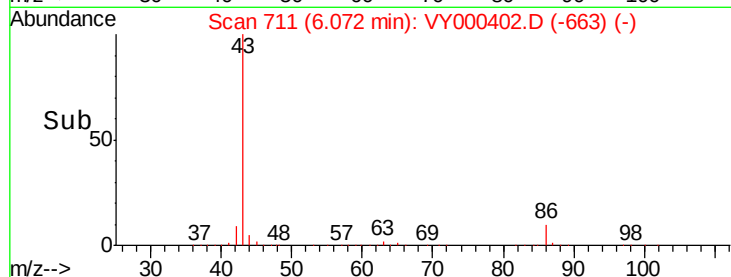
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.545 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

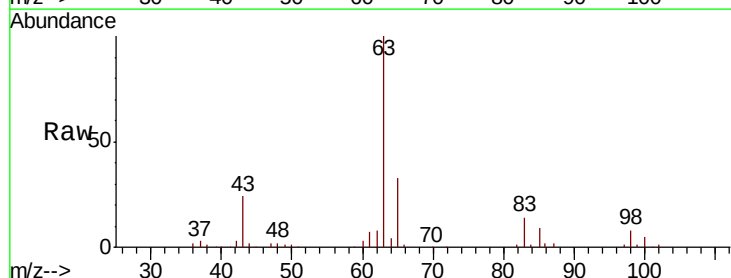
Tgt Ion: 63 Resp: 228088

Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.4

100 4.6 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

6.02

100000

80000

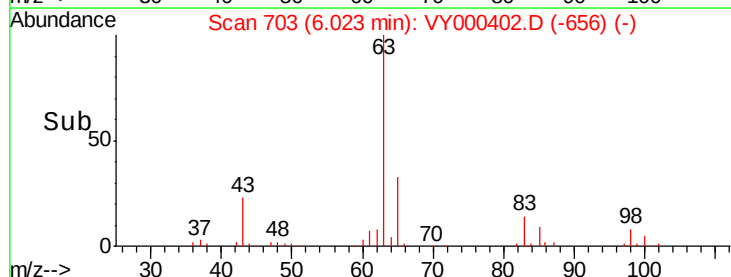
60000

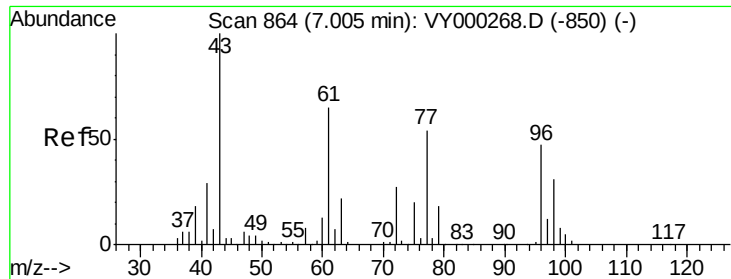
40000

20000

0

Time-->





#25

2-Butanone

Concen: 266.746 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

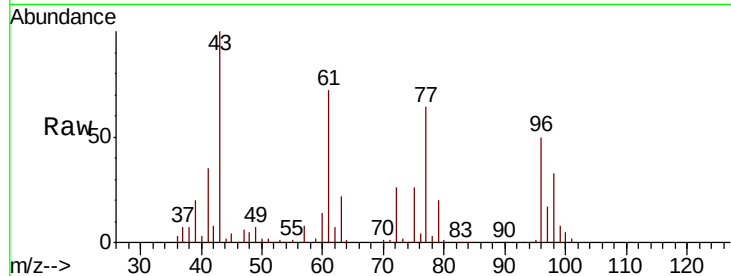
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 293963

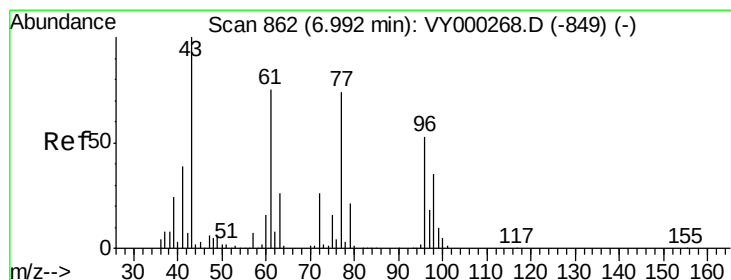
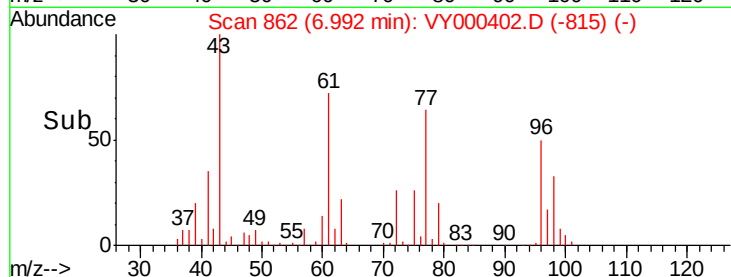
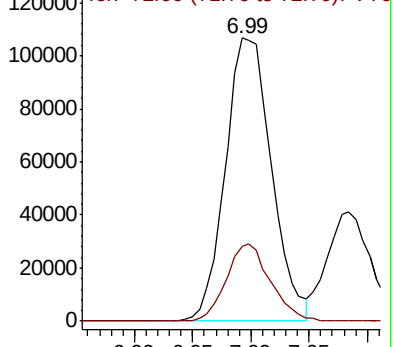
Ion Ratio Lower Upper

43 100

72 26.3 21.4 32.2



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 52.758 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY000402.D

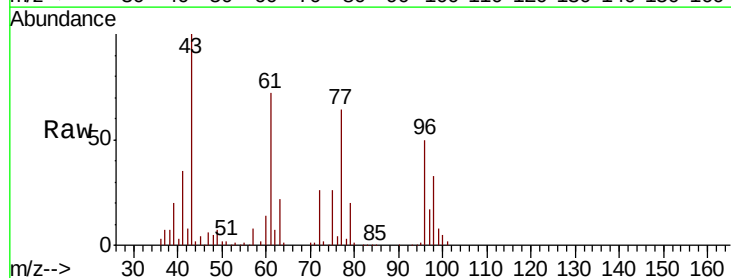
Acq: 24 Oct 2019 12:00

Tgt Ion: 77 Resp: 215122

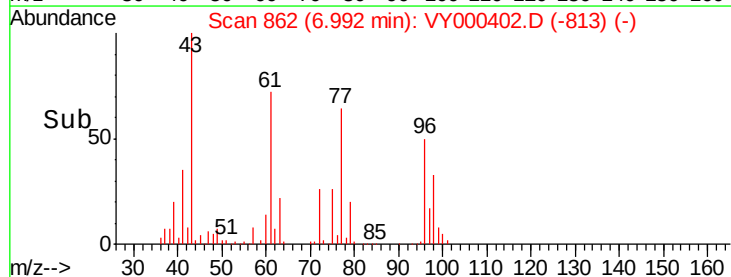
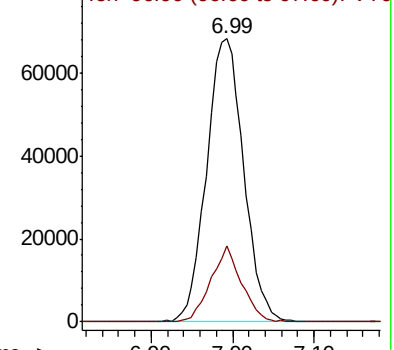
Ion Ratio Lower Upper

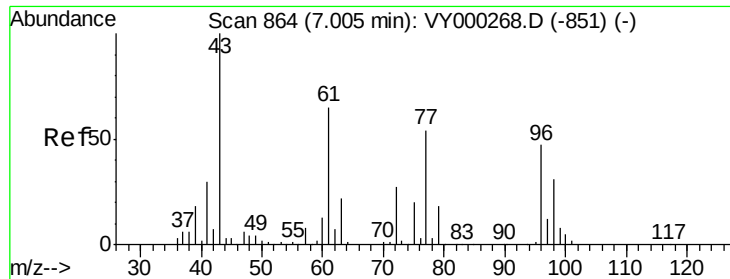
77 100

97 22.2 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VY0
Ion 96.90 (96.60 to 97.60): VY0



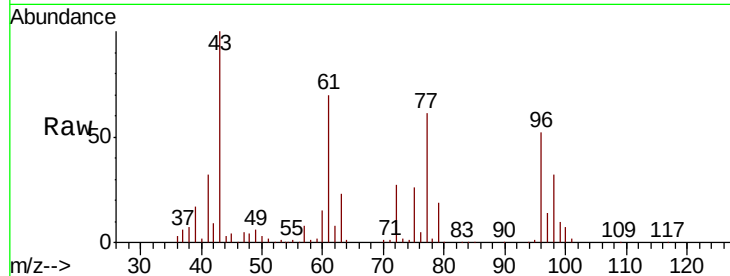


#27

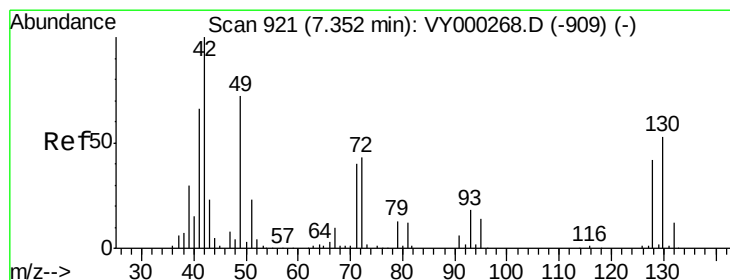
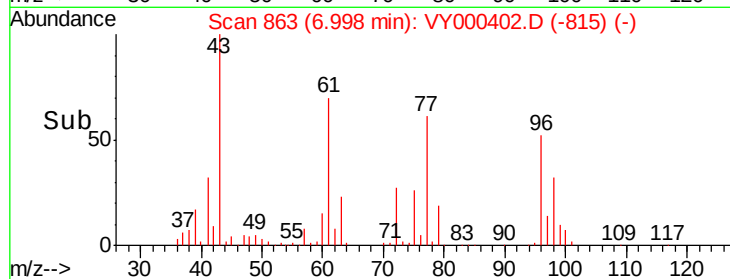
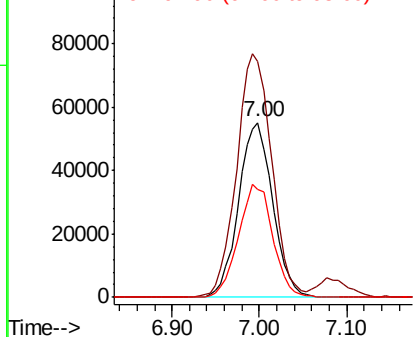
cis-1,2-Dichloroethene
Concen: 52.092 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 96 Resp: 149581
Ion Ratio Lower Upper
96 100
61 143.3 0.0 289.8
98 64.7 0.0 131.8



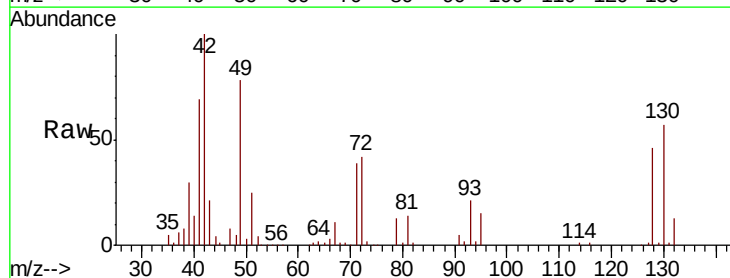
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



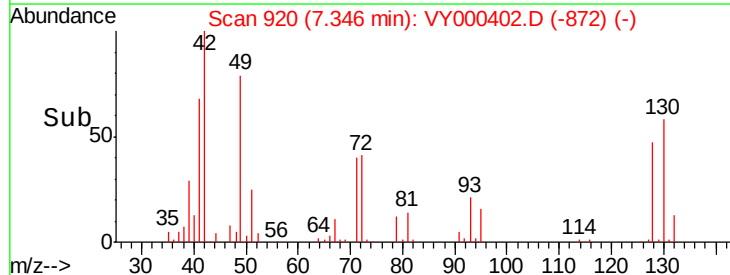
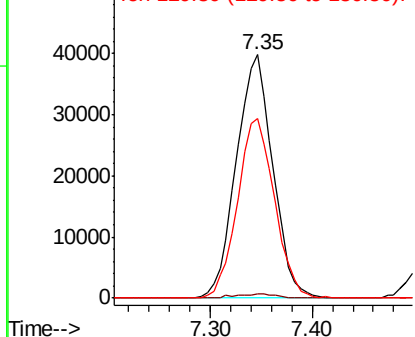
#28

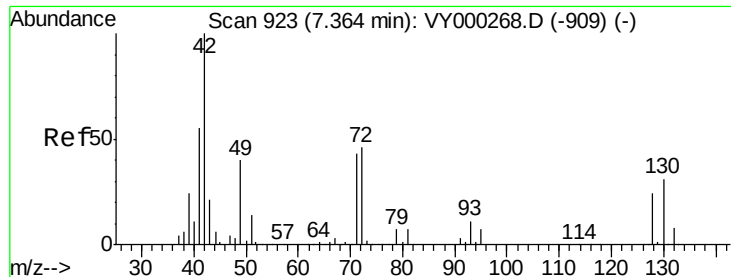
Bromochloromethane
Concen: 52.063 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Tgt Ion: 49 Resp: 98899
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.0
130 74.7 58.2 87.2



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

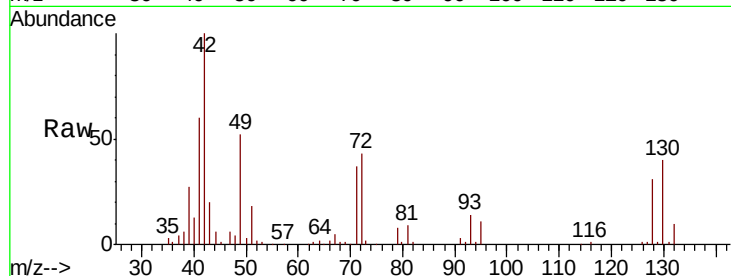




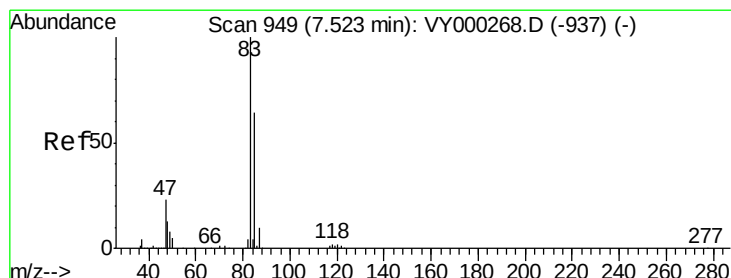
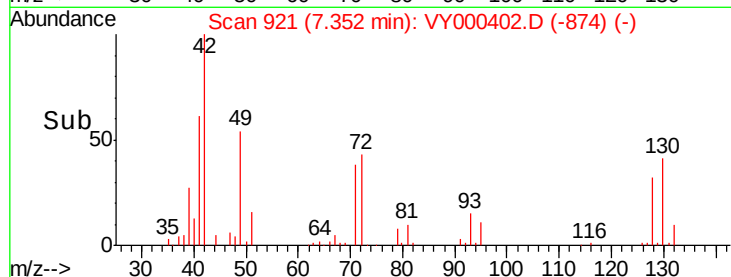
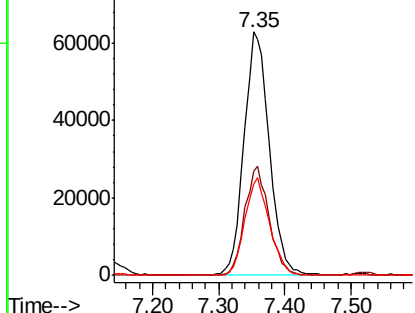
#29
Tetrahydrofuran
Concen: 251.198 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.9	34.5	51.7
71	38.9	32.7	49.1

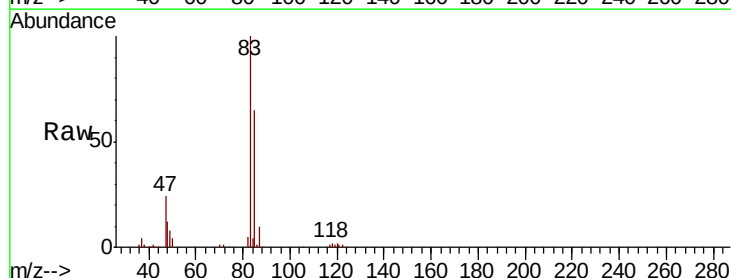


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

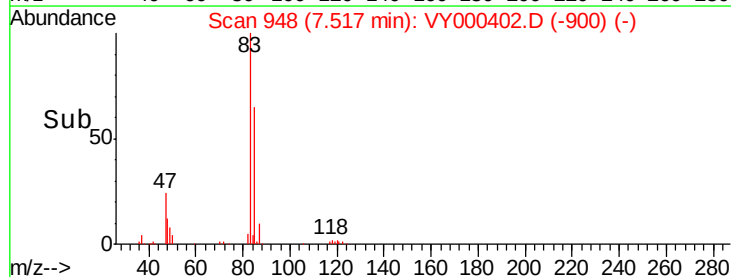
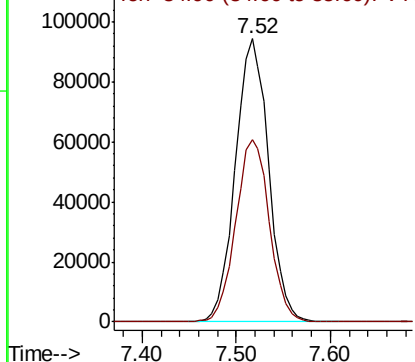


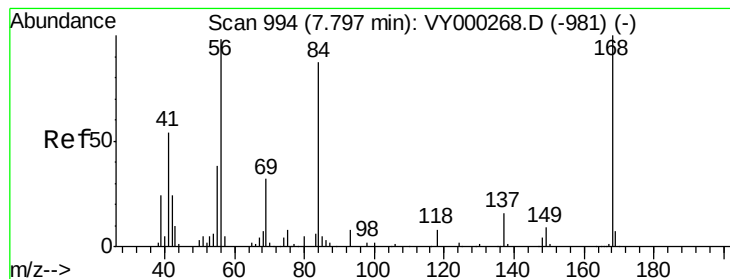
#30
Chloroform
Concen: 51.975 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.4	77.2



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





#31

Cyclohexane

Concen: 47.467 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

Instrument :

MSVOA_Y

ClientSampleId :

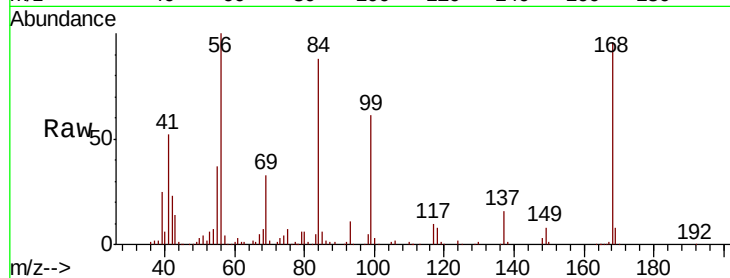
Tot Ion: 56 Resp: 219382

Ion Ratio Lower Upper

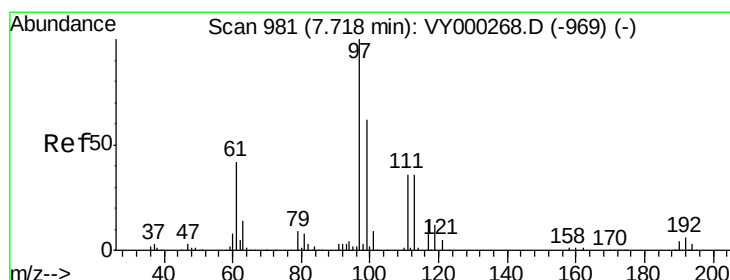
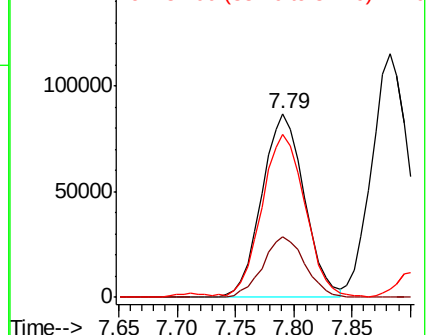
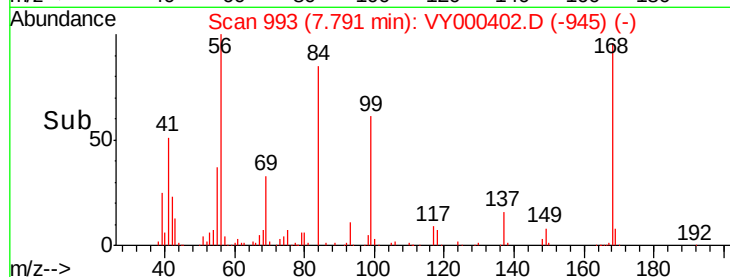
56 100

69 32.8 26.3 39.5

84 86.2 70.8 106.2



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



#32

1,1,1-Trichloroethane

Concen: 52.539 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

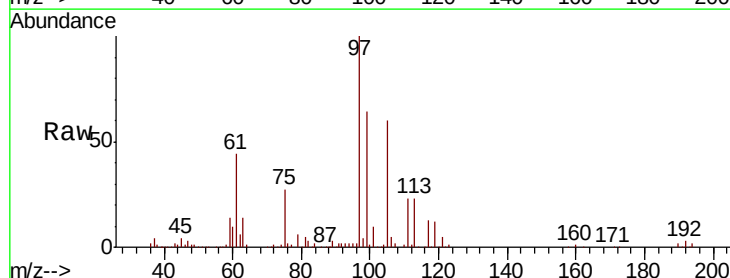
Tgt Ion: 97 Resp: 208152

Ion Ratio Lower Upper

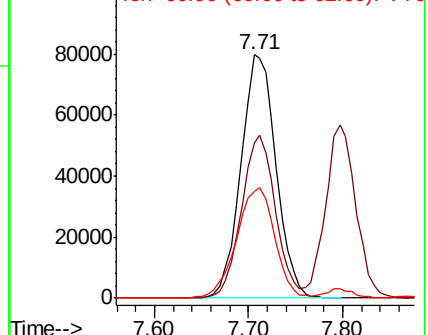
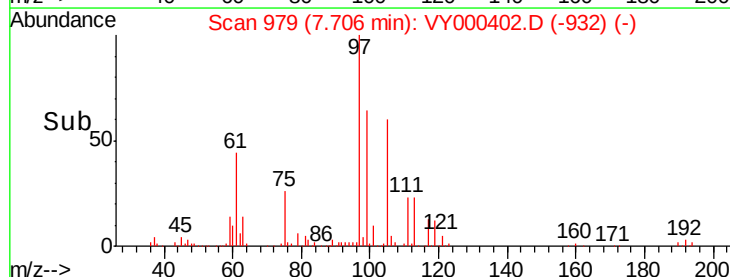
97 100

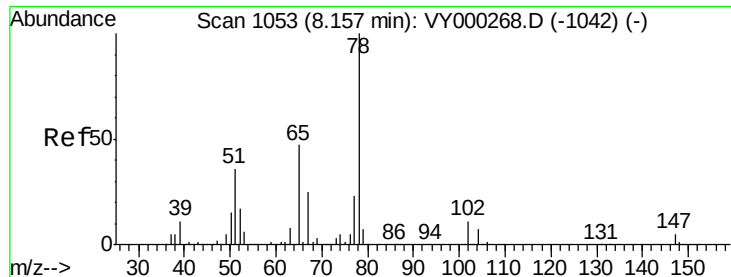
99 64.7 51.7 77.5

61 49.3 34.5 51.7



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

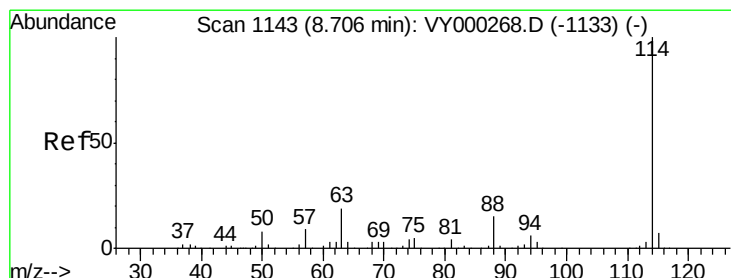
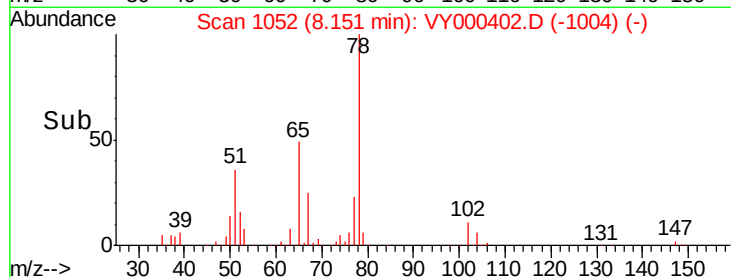
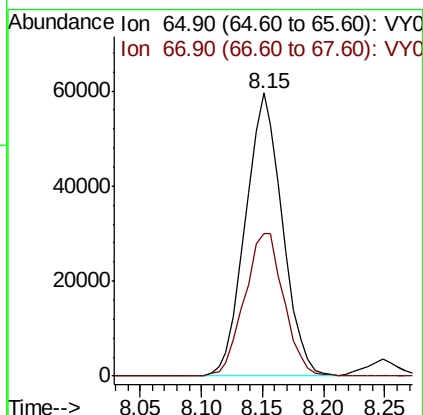
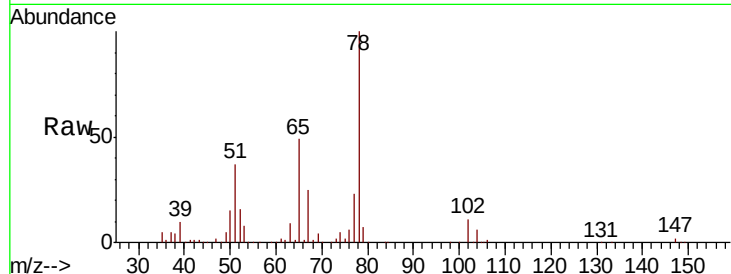




#33
 1,2-Dichloroethane-d4
 Concen: 51.854 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY000402.D
 Acq: 24 Oct 2019 12:00

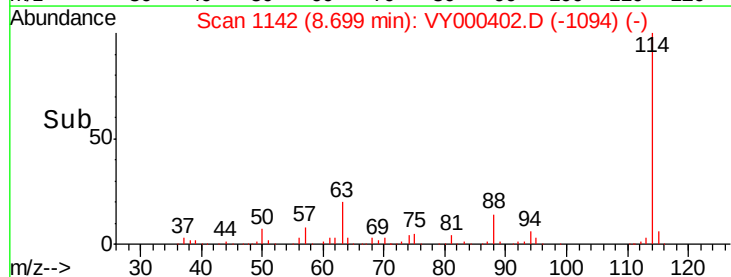
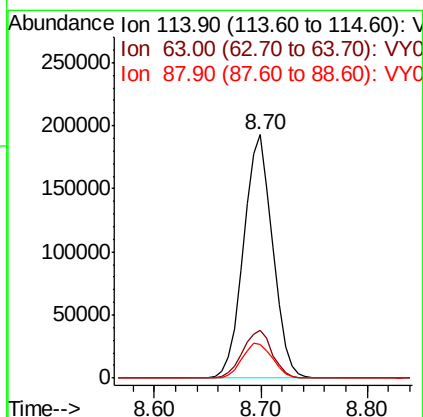
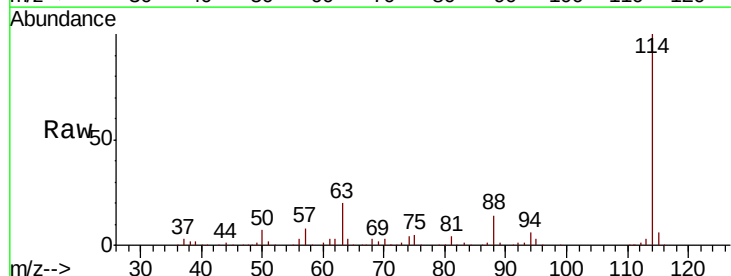
Instrument :
 MSVOA_Y
 ClientSampleId :

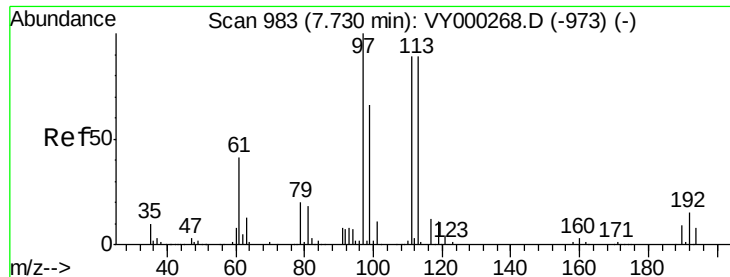
Tot Ion: 65 Resp: 125266
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000402.D
 Acq: 24 Oct 2019 12:00

Tgt Ion: 114 Resp: 370058
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 37.2
 88 13.9 0.0 30.2

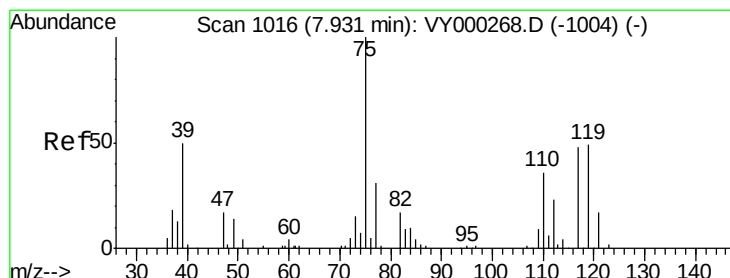
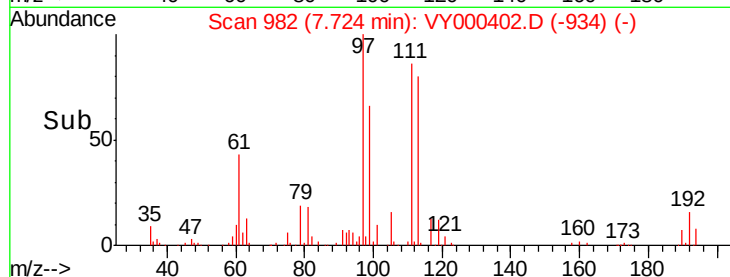
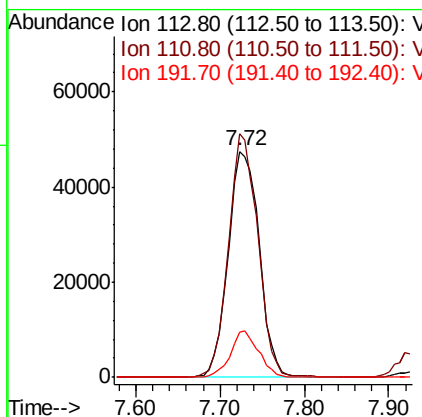
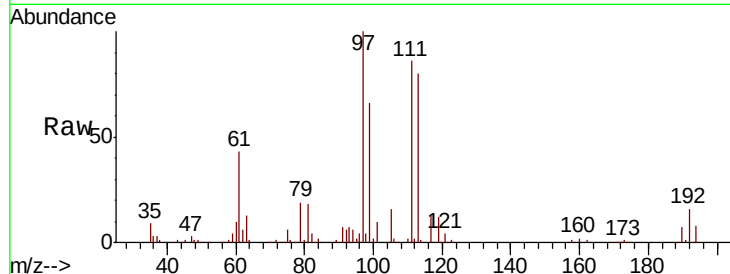




#35
 Dibromofluoromethane
 Concen: 53.255 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY000402.D
 Acq: 24 Oct 2019 12:00

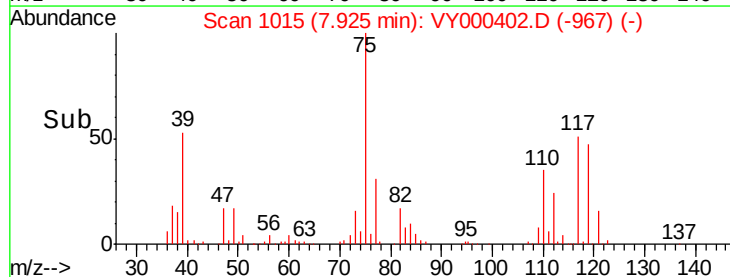
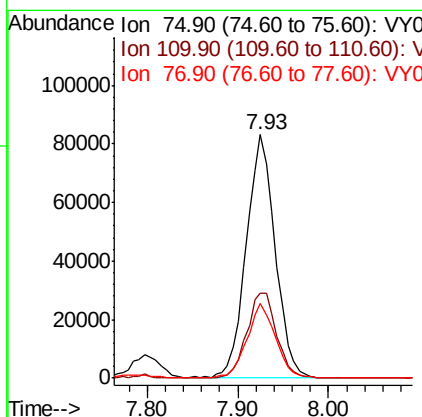
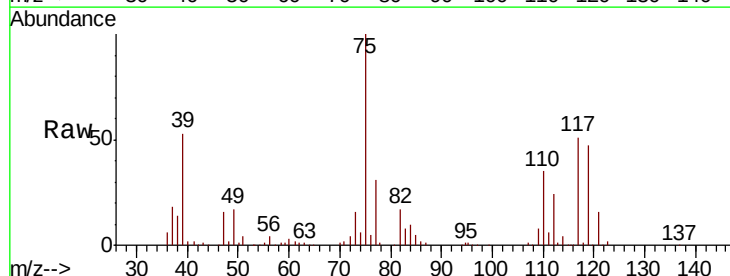
Instrument :
 MSVOA_Y
 ClientSampled :

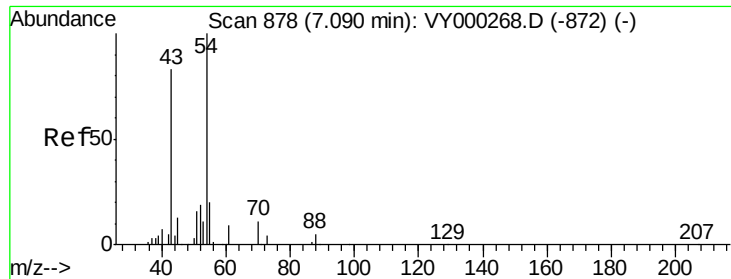
Tot Ion:113 Resp: 118876
 Ion Ratio Lower Upper
 113 100
 111 101.5 81.6 122.4
 192 18.7 15.3 22.9



#36
 1,1-Dichloropropene
 Concen: 50.601 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY000402.D
 Acq: 24 Oct 2019 12:00

Tgt Ion: 75 Resp: 183331
 Ion Ratio Lower Upper
 75 100
 110 35.9 18.4 55.4
 77 30.3 25.0 37.6

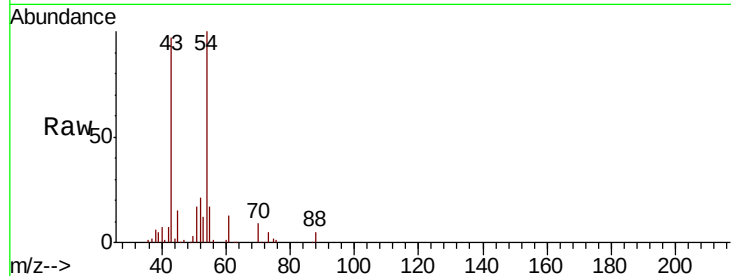




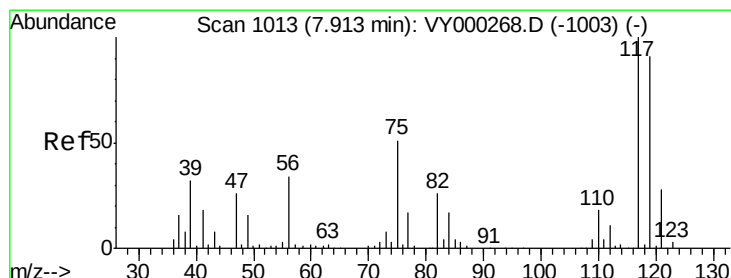
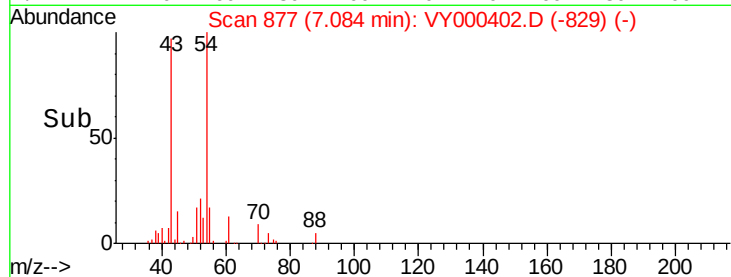
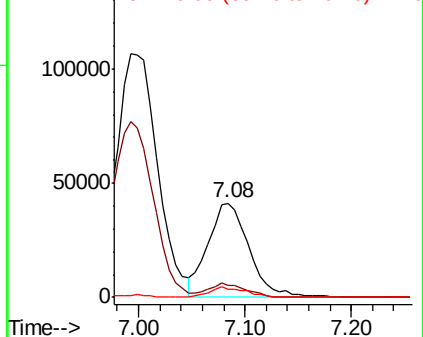
#37
Ethyl Acetate
Concen: 50.950 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 109304
Ion Ratio Lower Upper
43 100
61 14.0 12.1 18.1
70 10.0 8.7 13.1

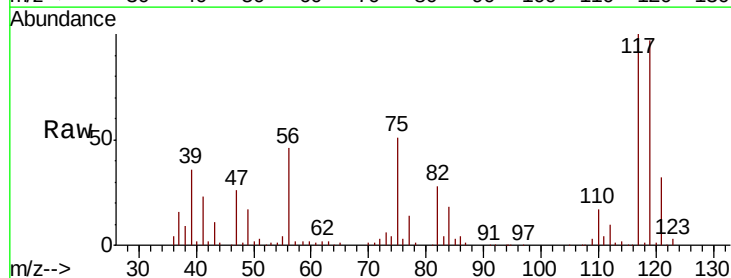


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

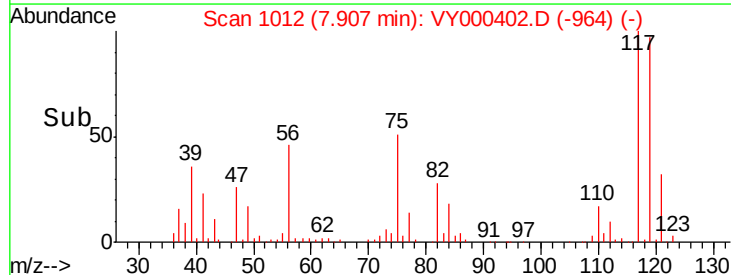
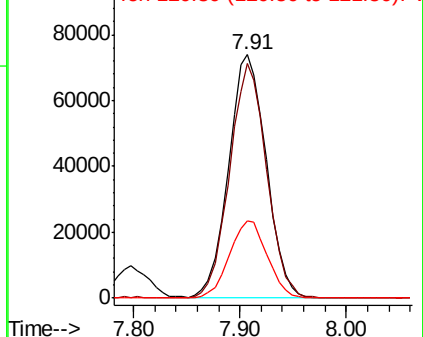


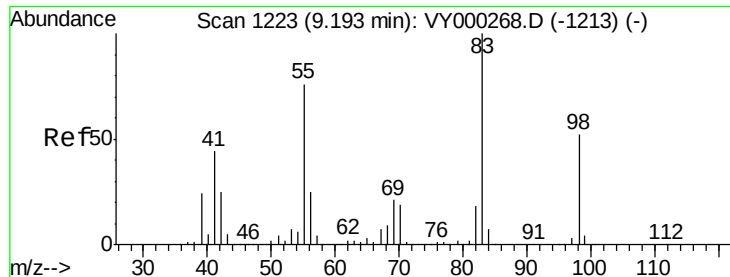
#38
Carbon Tetrachloride
Concen: 52.160 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Tgt Ion: 117 Resp: 182977
Ion Ratio Lower Upper
117 100
119 96.6 72.8 109.2
121 31.9 22.2 33.2



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

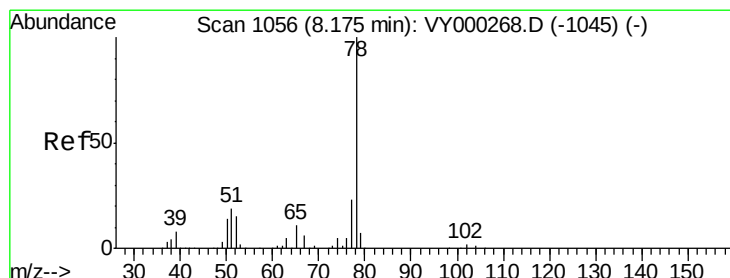
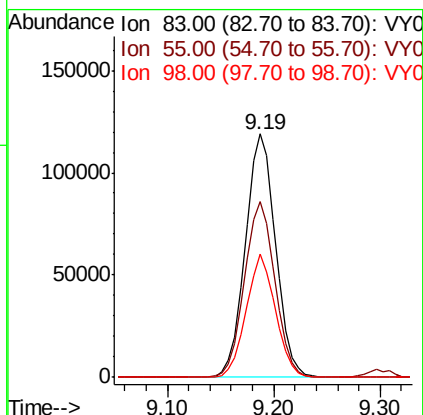
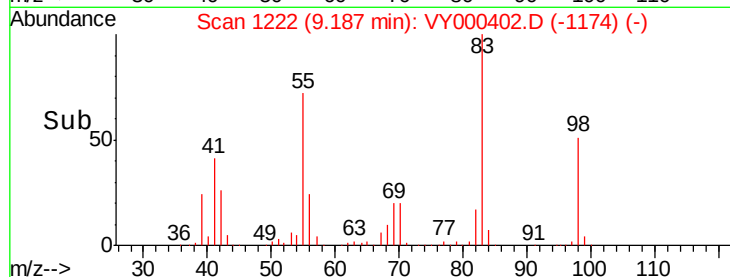
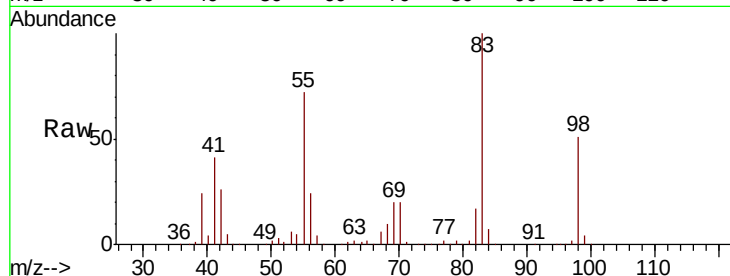




#39
Methylvlcyclohexane
Concen: 49.928 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

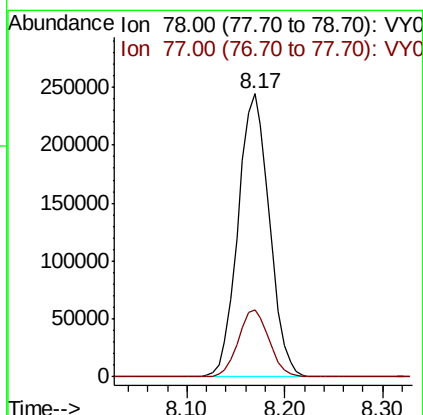
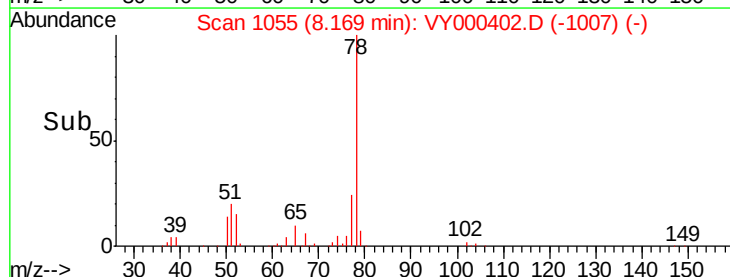
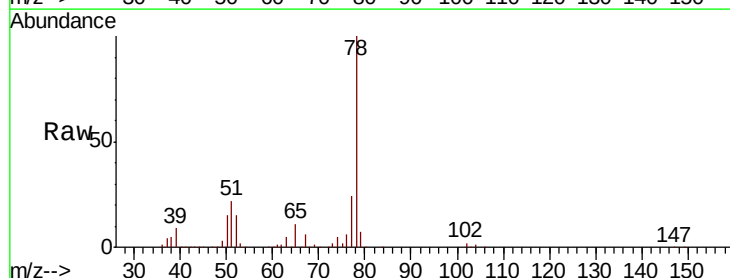
Instrument :
MSVOA_Y
ClientSampleId :

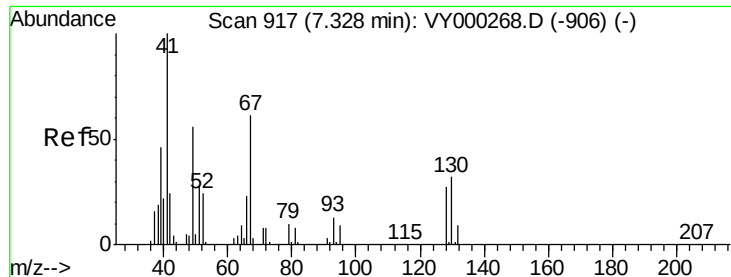
Tot Ion: 83 Resp: 236758
Ion Ratio Lower Upper
83 100
55 72.4 60.9 91.3
98 50.6 41.8 62.6



#40
Benzene
Concen: 51.878 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Tgt Ion: 78 Resp: 543176
Ion Ratio Lower Upper
78 100
77 23.8 18.8 28.2

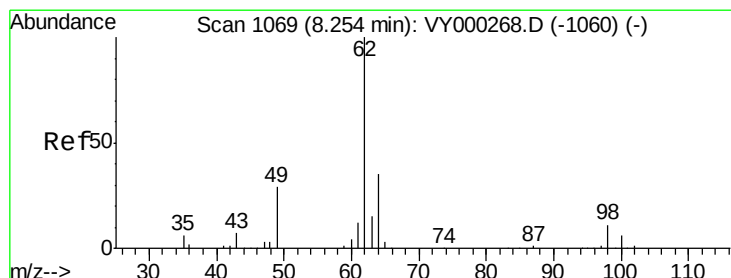
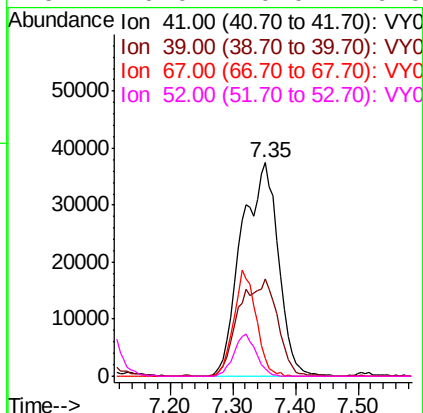
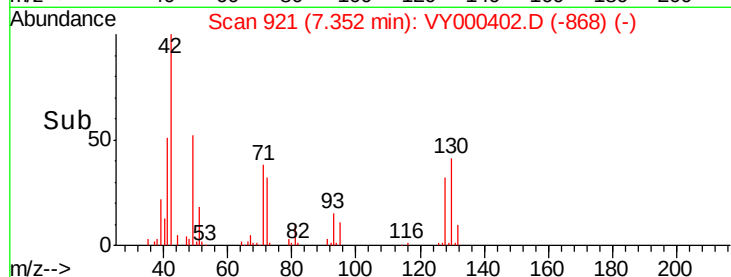
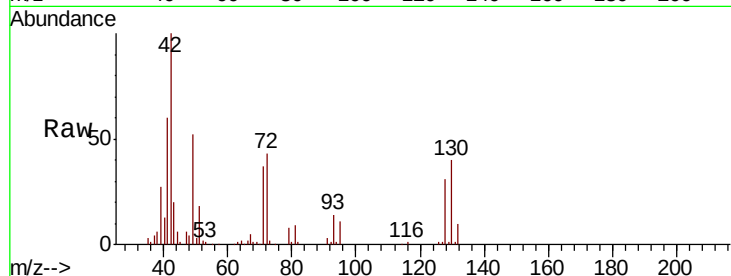




#41
Methacrylonitrile
Concen: 149.306 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.02 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

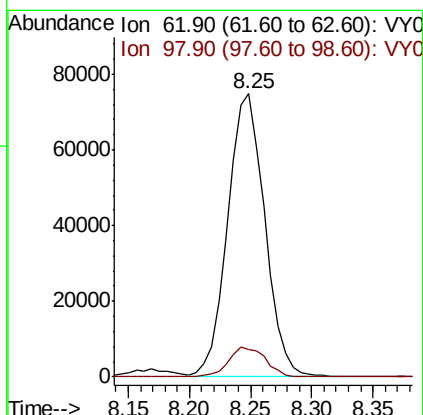
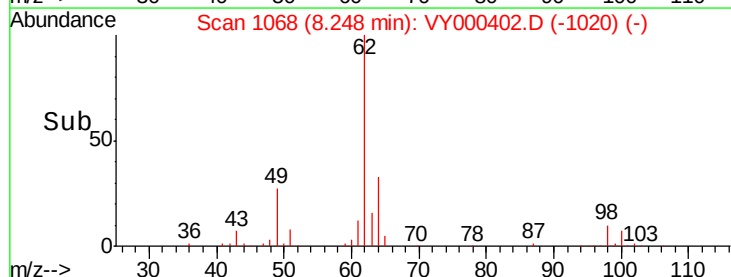
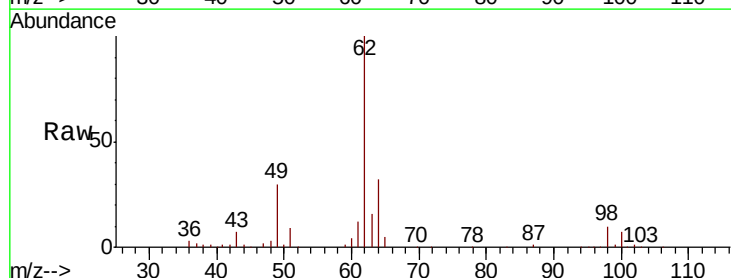
Instrument :
MSVOA_Y
ClientSampled :

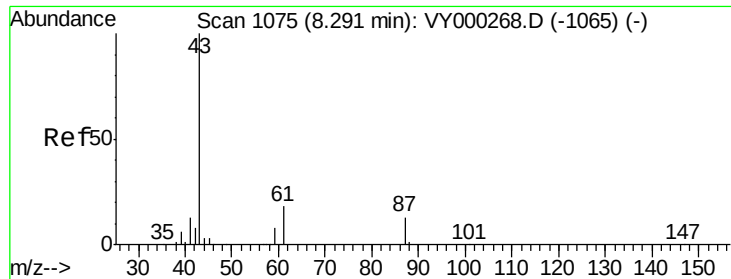
Tot Ion: 41 Resp: 152467
Ion Ratio Lower Upper
41 100
39 47.3 110.2 165.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 52.630 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Tgt Ion: 62 Resp: 157408
Ion Ratio Lower Upper
62 100
98 10.6 0.0 20.6





#43

Isopropyl Acetate

Concen: 52.066 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.01 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

Instrument :

MSVOA_Y

ClientSampleId :

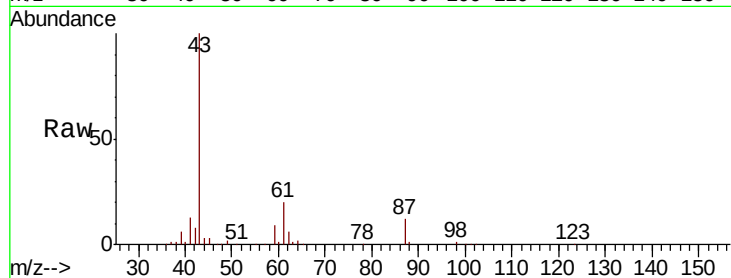
Tot Ion: 43 Resp: 212383

Ion Ratio Lower Upper

43 100

61 28.8 22.3 33.5

87 13.2 10.9 16.3

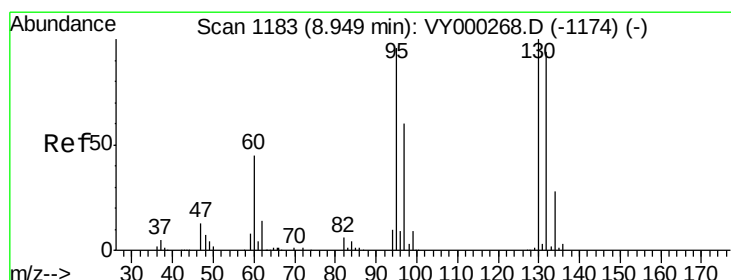
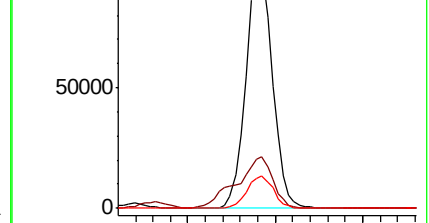
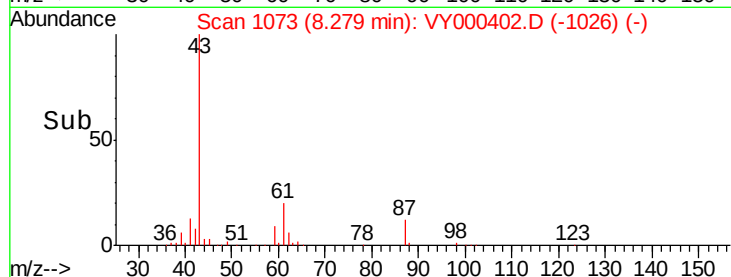


Abundance Ion 43.00 (42.70 to 43.70): VY000402.D (-1073) (-)

Ion 61.00 (60.70 to 61.70): VY000402.D (-1073) (-)

Ion 87.00 (86.70 to 87.70): VY000402.D (-1073) (-)

8.28



#44

Trichloroethene

Concen: 50.546 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. -0.00 min

Lab File: VY000402.D

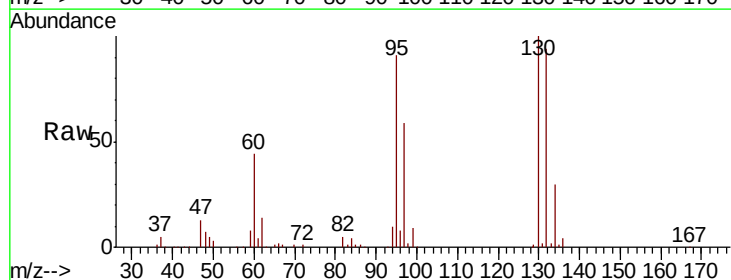
Acq: 24 Oct 2019 12:00

Tgt Ion:130 Resp: 148496

Ion Ratio Lower Upper

130 100

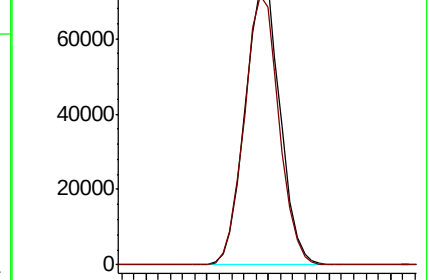
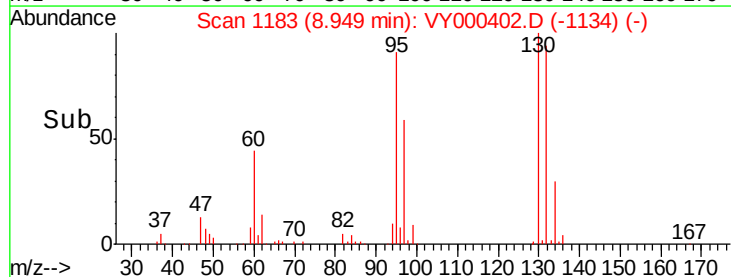
95 90.9 0.0 191.4

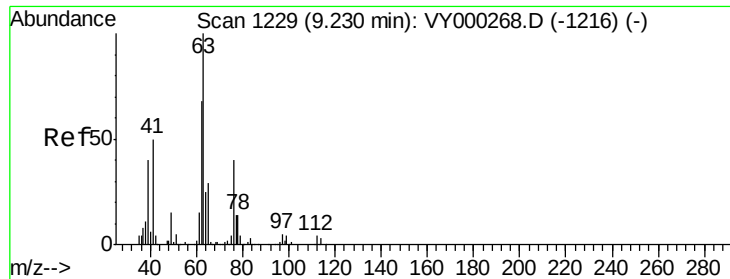


Abundance Ion 129.80 (129.50 to 130.50): VY000402.D (-1183) (-)

Ion 94.90 (94.60 to 95.60): VY000402.D (-1183) (-)

8.95





#45

1,2-Dichloropropane

Concen: 52.428 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

Instrument :

MSVOA_Y

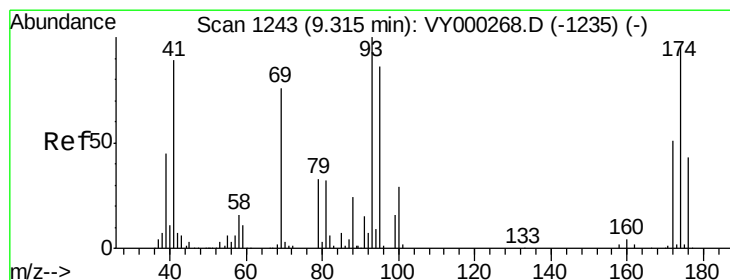
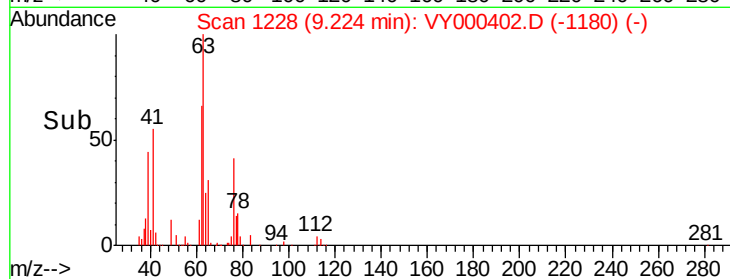
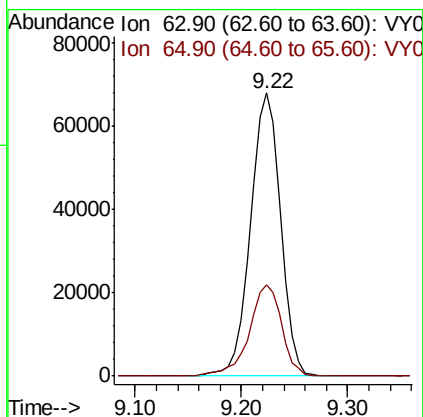
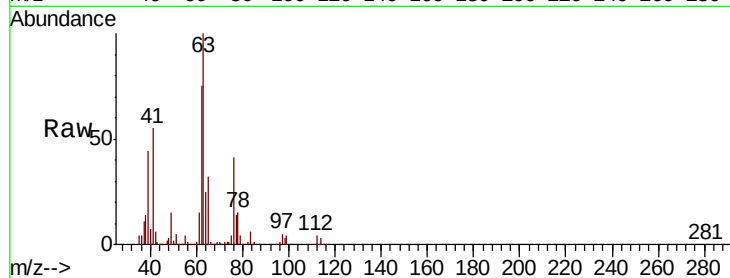
ClientSampleId :

Tot Ion: 63 Resp: 134711

Ion Ratio Lower Upper

63 100

65 32.4 23.2 34.8



#46

Dibromomethane

Concen: 51.391 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.01 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

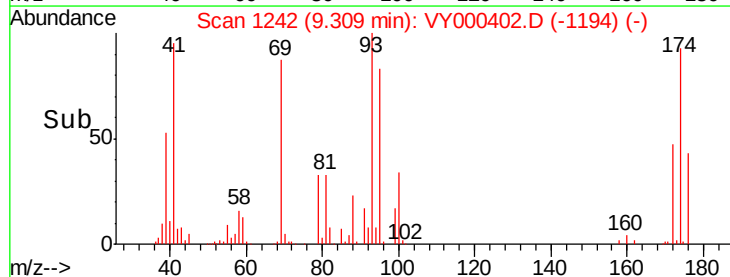
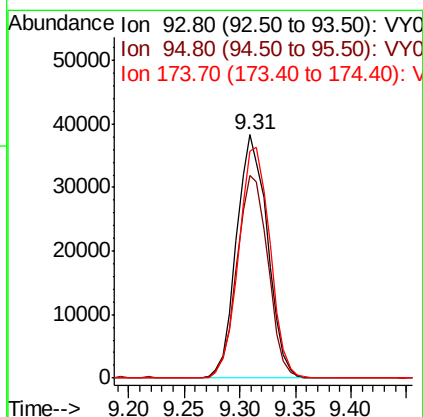
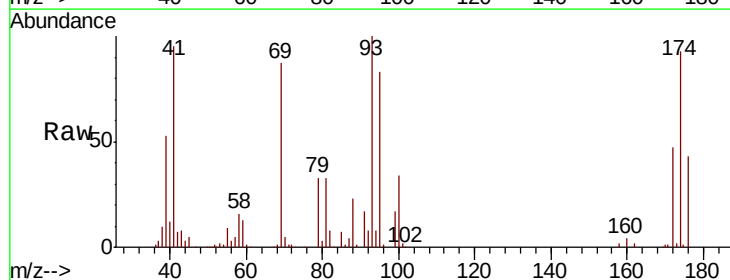
Tgt Ion: 93 Resp: 73816

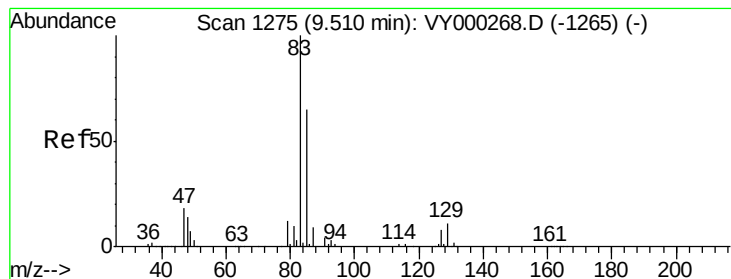
Ion Ratio Lower Upper

93 100

95 83.4 68.2 102.2

174 96.6 79.8 119.6





#47

Bromodichloromethane

Concen: 54.147 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

Instrument :

MSVOA_Y

ClientSampled :

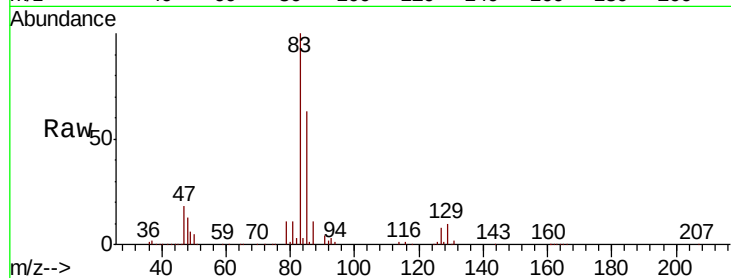
Tot Ion: 83 Resp: 183295

Ion Ratio Lower Upper

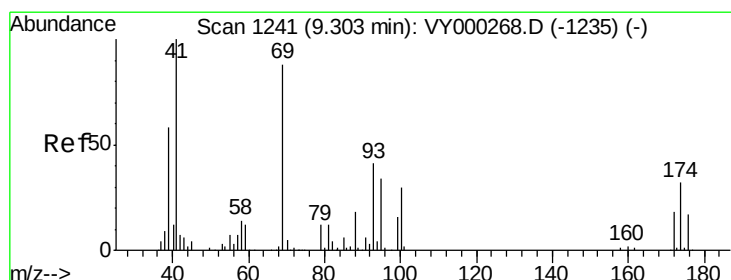
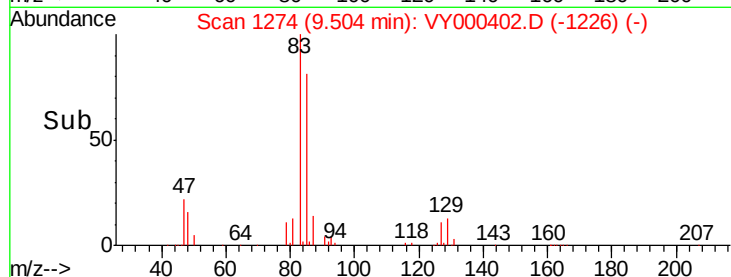
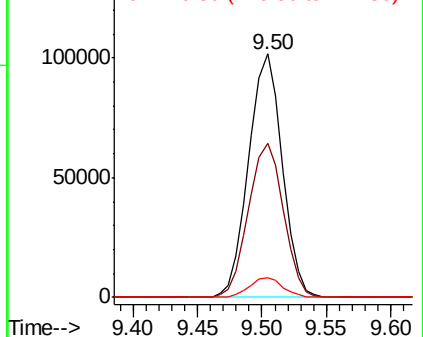
83 100

85 63.4 52.2 78.2

127 8.3 6.3 9.5



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



#48

Methyl methacrylate

Concen: 53.446 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

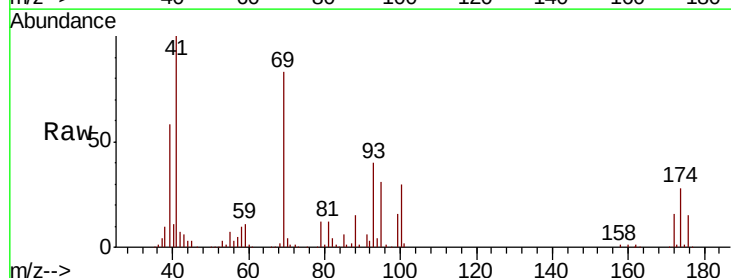
Tgt Ion: 41 Resp: 95544

Ion Ratio Lower Upper

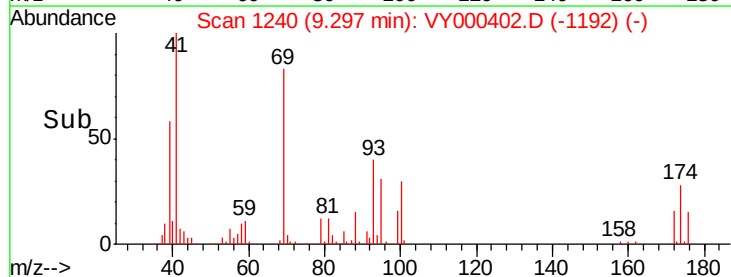
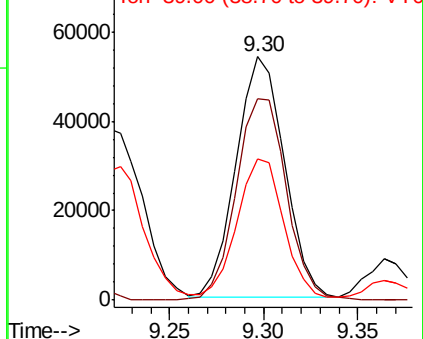
41 100

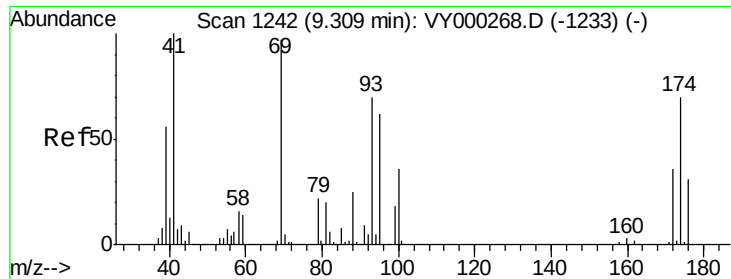
69 87.4 70.0 105.0

39 55.2 47.7 71.5



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

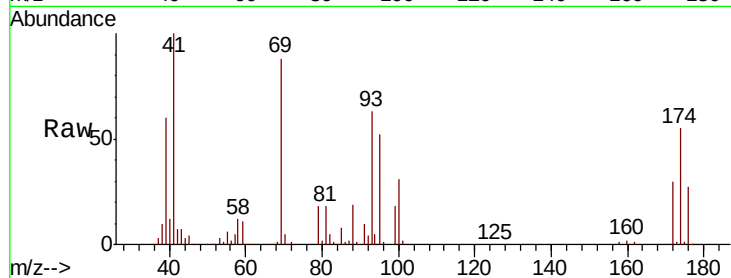




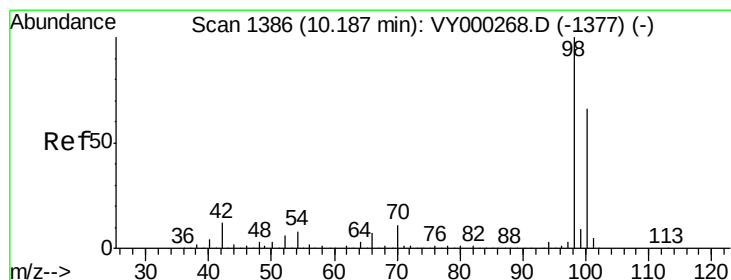
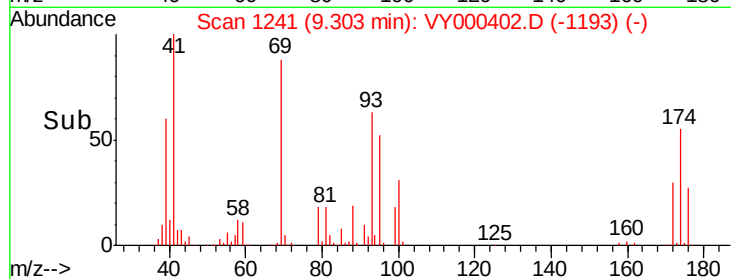
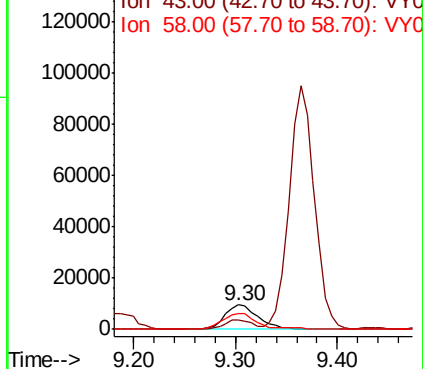
#49
1,4-Dioxane
Concen: 1005.215 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 21649
Ion Ratio Lower Upper
88 100
43 33.6 25.6 38.4
58 64.0 54.6 81.8

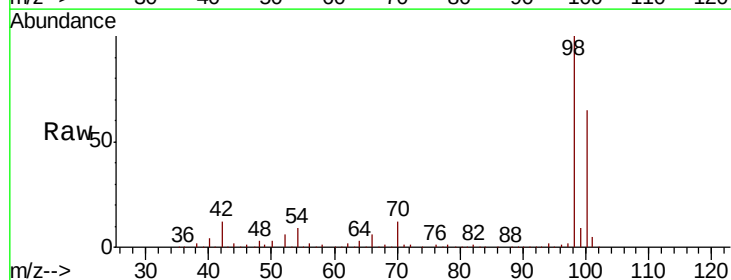


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

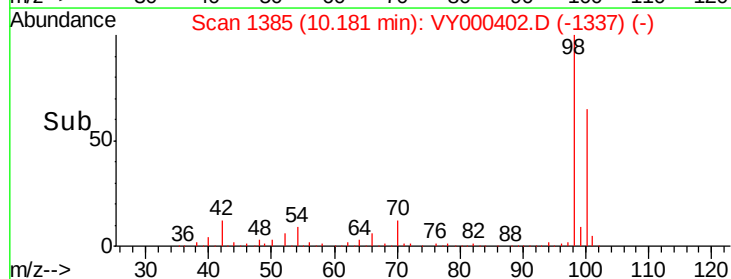
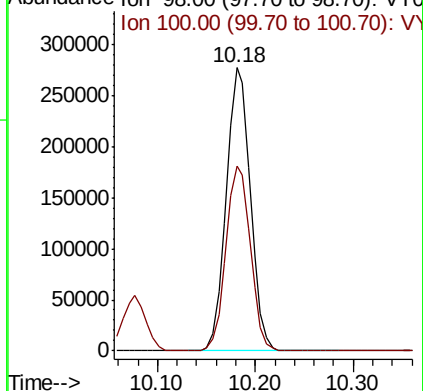


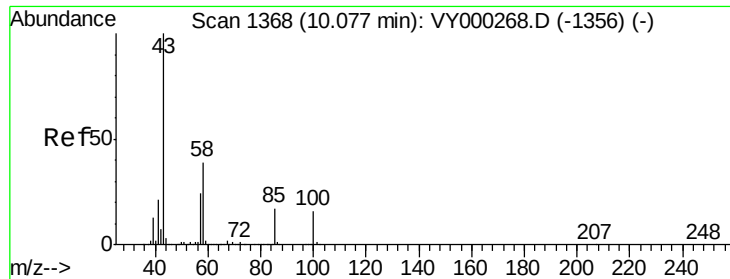
#50
Toluene-d8
Concen: 55.004 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Tgt Ion: 98 Resp: 472311
Ion Ratio Lower Upper
98 100
100 66.3 52.8 79.2



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

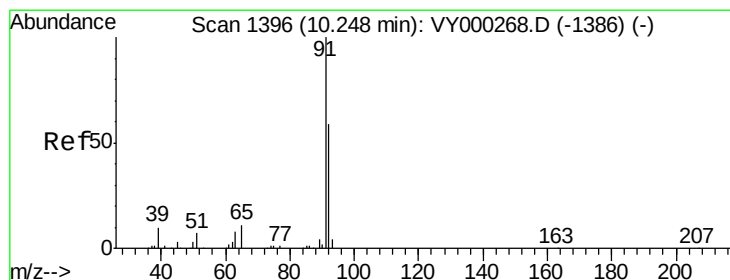
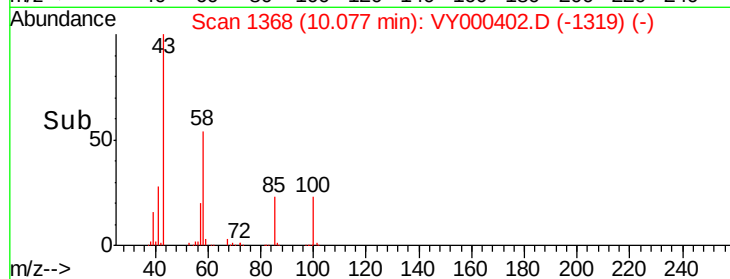
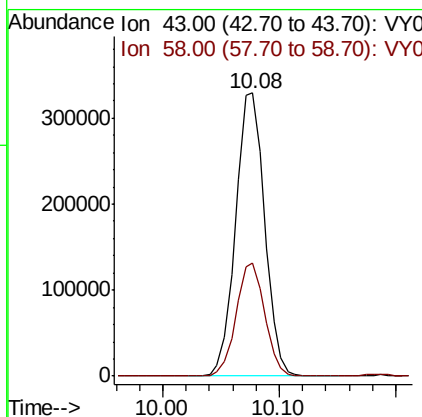
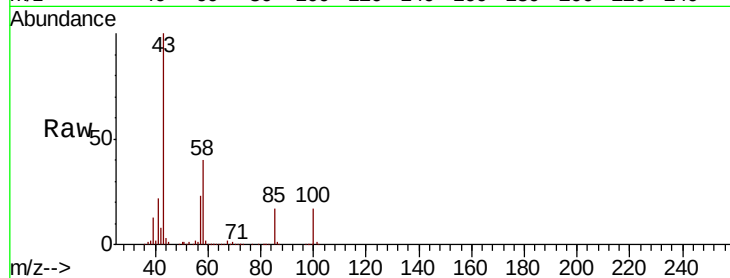




#51
 4-Methyl-2-Pentanone
 Concen: 273.314 ug/l
 RT: 10.08 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VY000402.D
 Acq: 24 Oct 2019 12:00

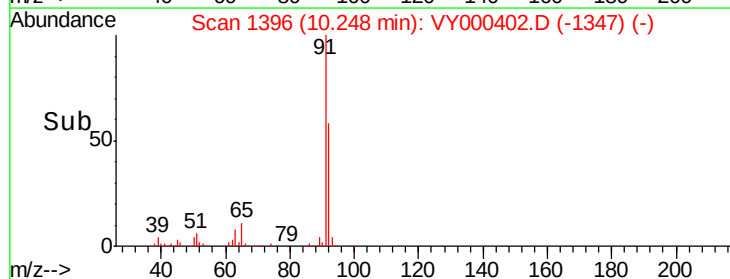
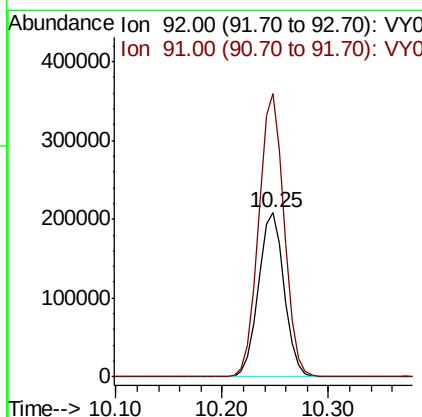
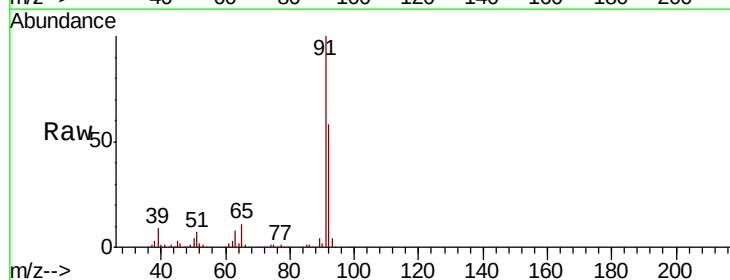
Instrument :
 MSVOA_Y
 ClientSampled :

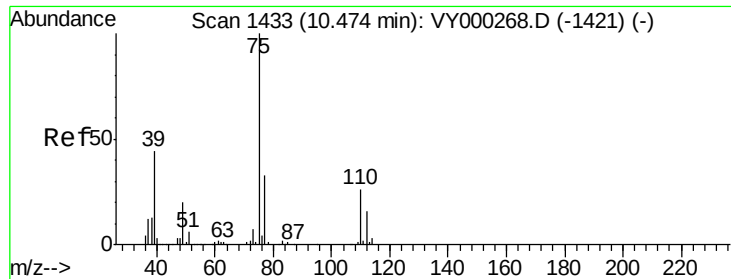
Tot Ion: 43 Resp: 575027
 Ion Ratio Lower Upper
 43 100
 58 39.3 31.0 46.6



#52
 Toluene
 Concen: 52.933 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. -0.00 min
 Lab File: VY000402.D
 Acq: 24 Oct 2019 12:00

Tgt Ion: 92 Resp: 351875
 Ion Ratio Lower Upper
 92 100
 91 170.8 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 56.000 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

Instrument :

MSVOA_Y

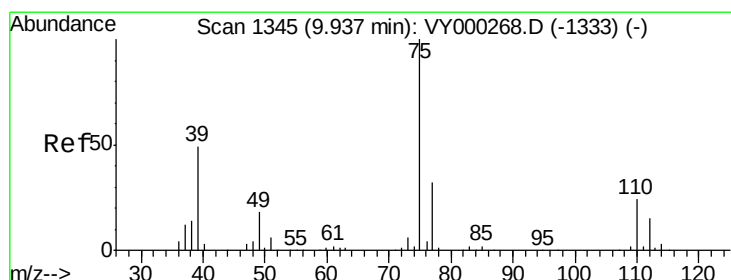
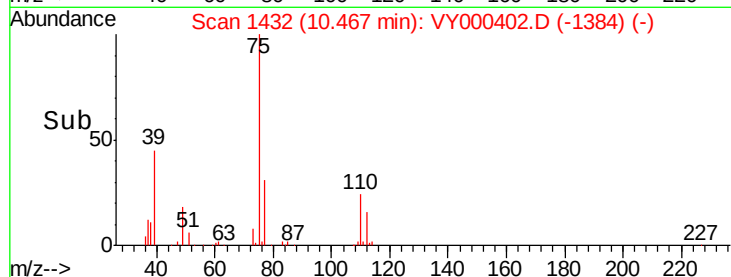
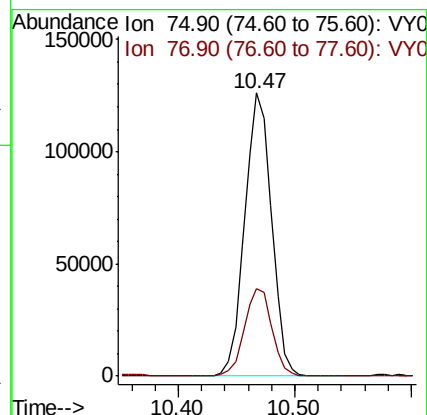
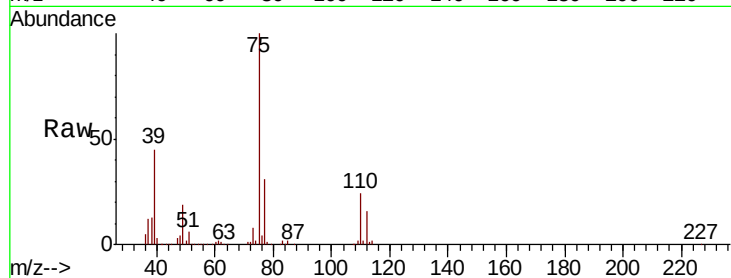
ClientSampleId :

Tot Ion: 75 Resp: 203160

Ion Ratio Lower Upper

75 100

77 30.9 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 54.947 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.01 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

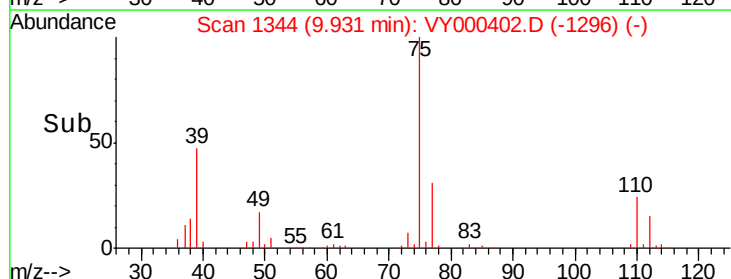
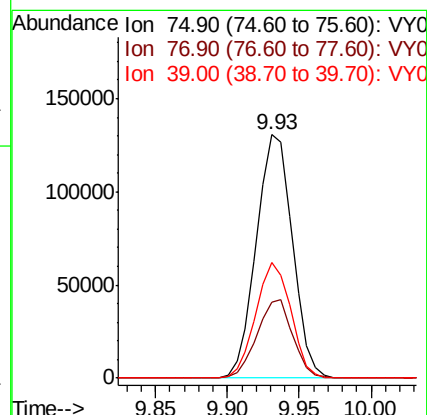
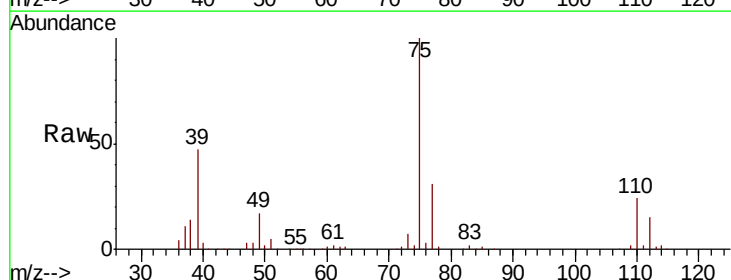
Tgt Ion: 75 Resp: 226376

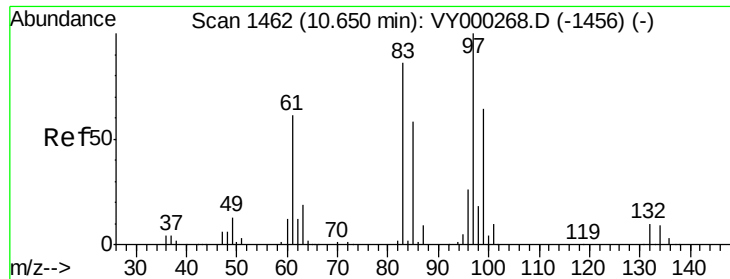
Ion Ratio Lower Upper

75 100

77 31.2 26.0 39.0

39 47.5 38.8 58.2

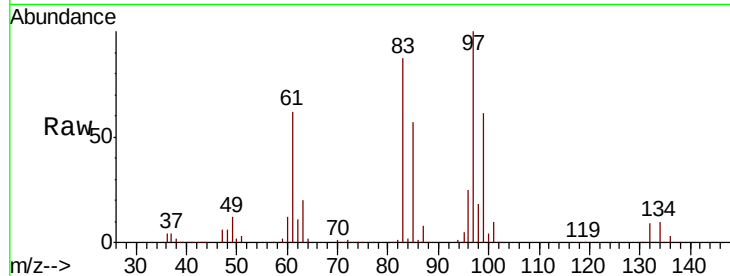




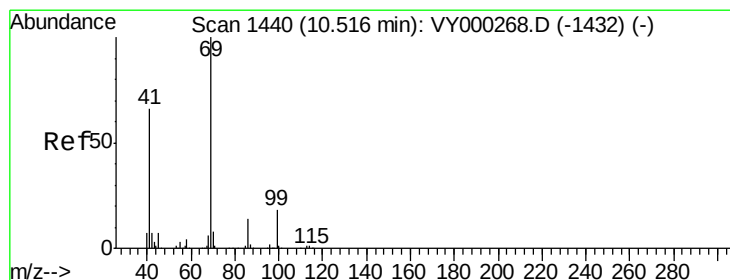
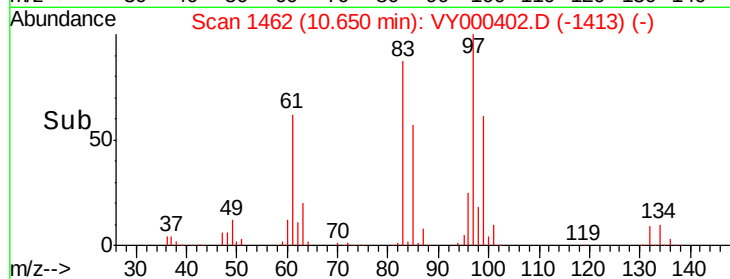
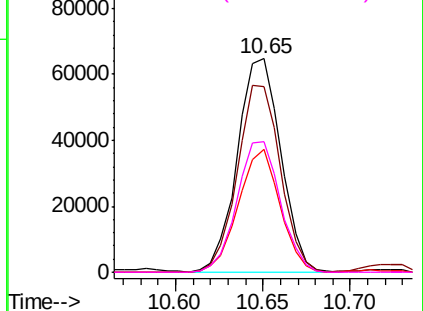
#55
 1,1,2-Trichloroethane
 Concen: 53.631 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VY000402.D
 Acq: 24 Oct 2019 12:00

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 97 Resp: 112005
 Ion Ratio Lower Upper
 97 100
 83 86.7 69.0 103.6
 85 57.4 46.2 69.4
 99 61.2 51.1 76.7

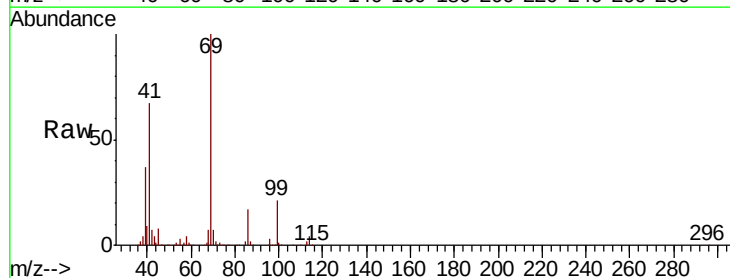


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

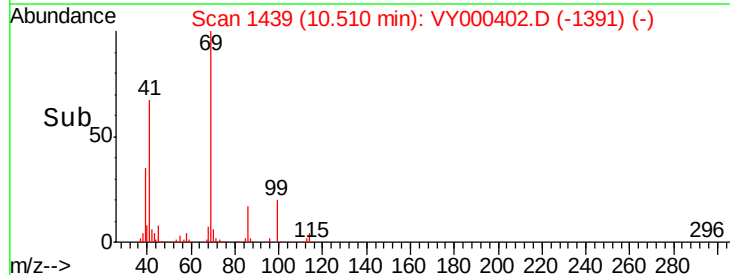
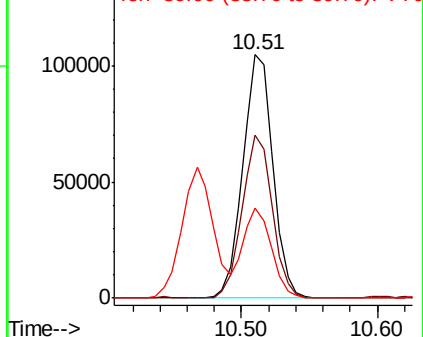


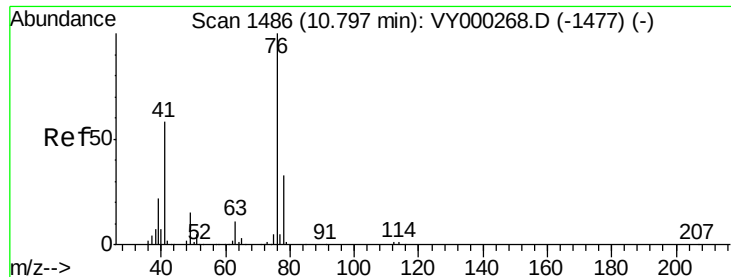
#56
 Ethyl methacrylate
 Concen: 54.419 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: VY000402.D
 Acq: 24 Oct 2019 12:00

Tgt Ion: 69 Resp: 161992
 Ion Ratio Lower Upper
 69 100
 41 66.4 52.5 78.7
 39 35.0 26.7 40.1



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: 54.717 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

Instrument :

MSVOA_Y

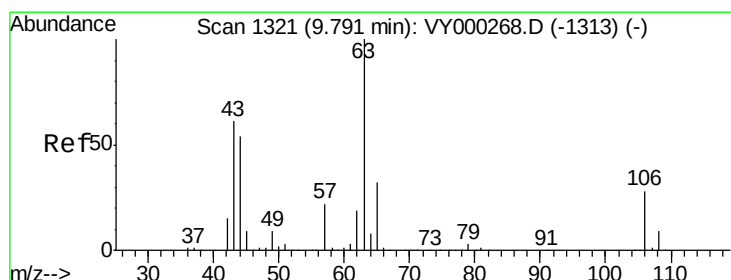
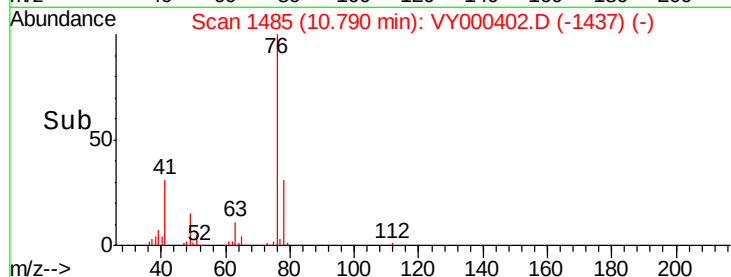
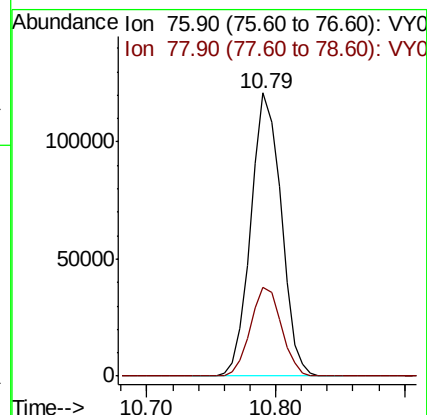
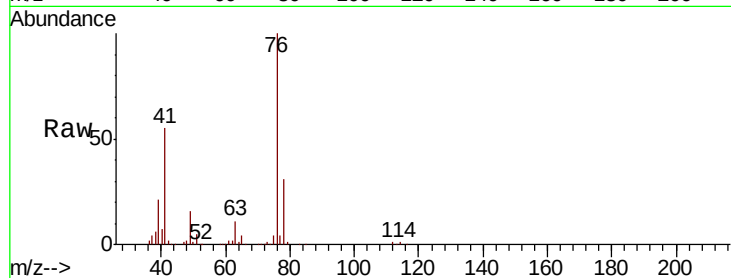
ClientSampled :

Tot Ion: 76 Resp: 196252

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 264.700 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.01 min

Lab File: VY000402.D

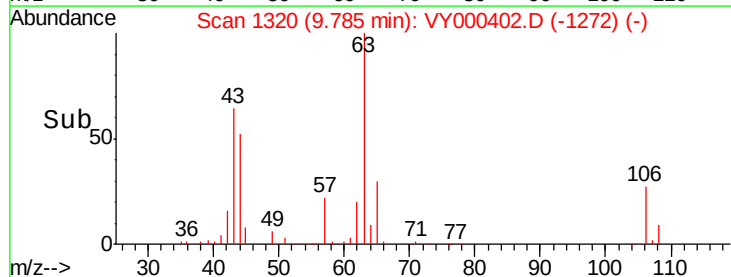
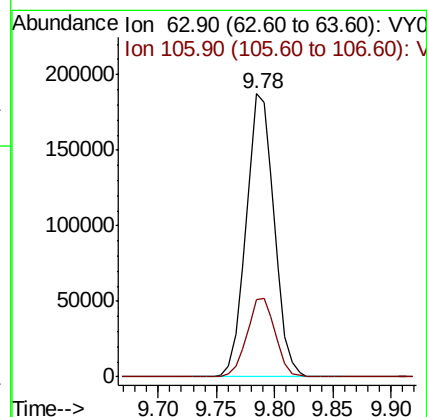
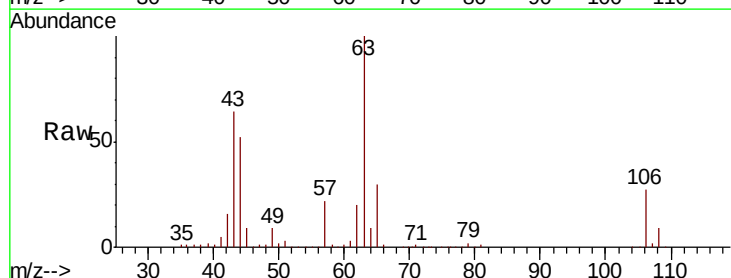
Acq: 24 Oct 2019 12:00

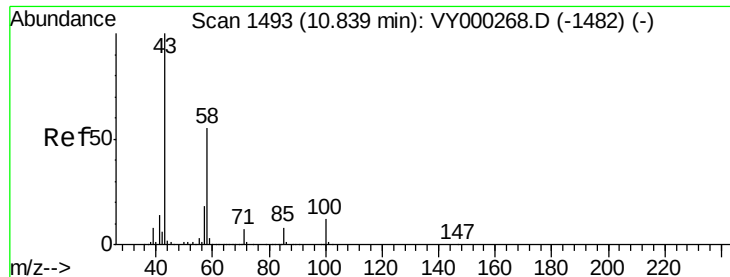
Tgt Ion: 63 Resp: 314290

Ion Ratio Lower Upper

63 100

106 27.9 23.0 34.4

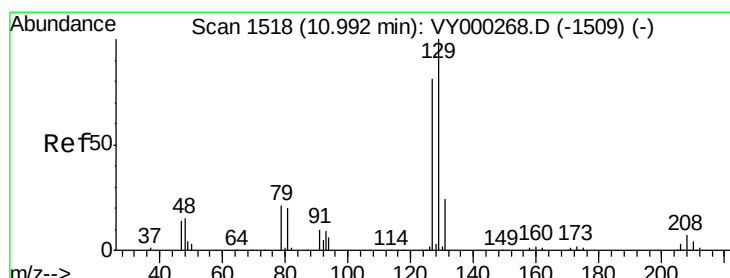
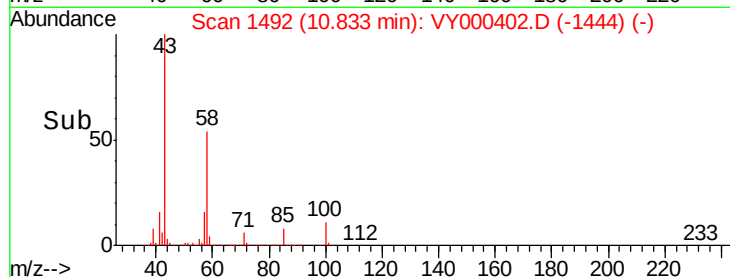
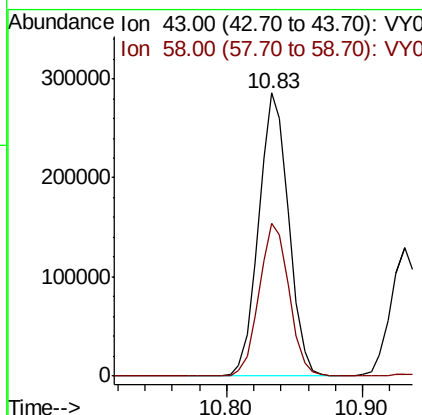
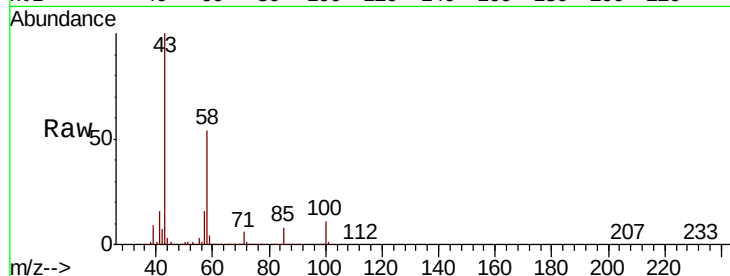




#59
2-Hexanone
Concen: 299.752 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

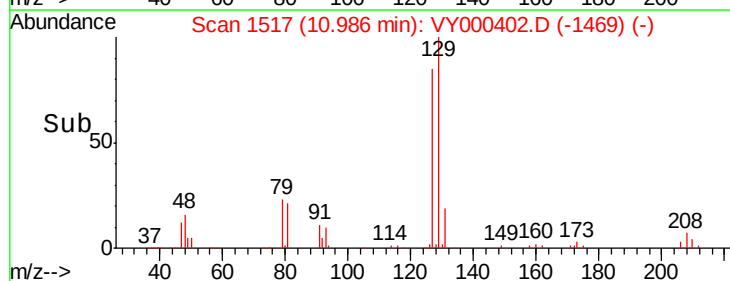
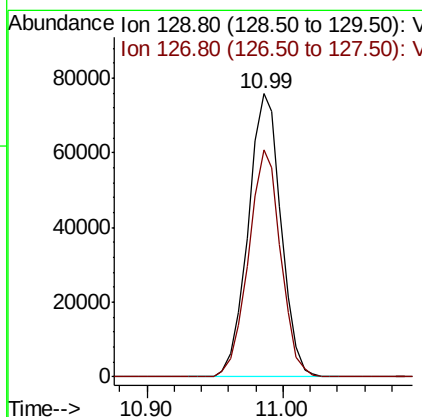
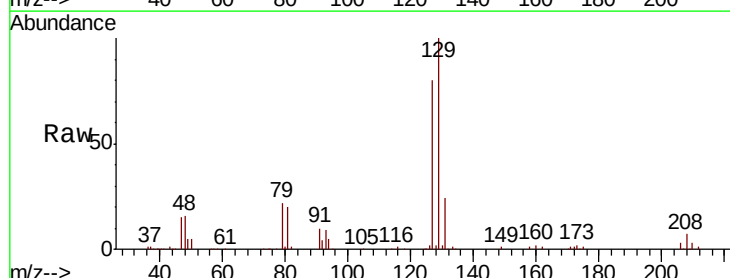
Instrument :
MSVOA_Y
ClientSampleId :

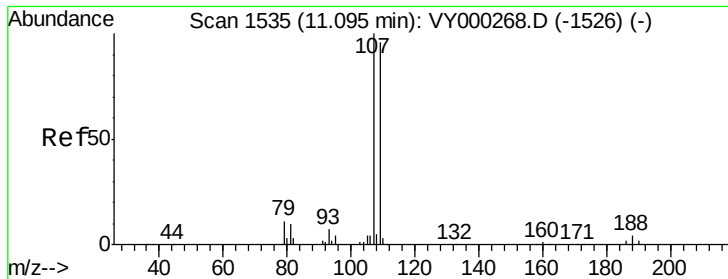
Tot Ion: 43 Resp: 442662
Ion Ratio Lower Upper
43 100
58 54.1 27.7 83.1



#60
Dibromochloromethane
Concen: 55.390 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Tgt Ion: 129 Resp: 128215
Ion Ratio Lower Upper
129 100
127 78.8 39.9 119.7

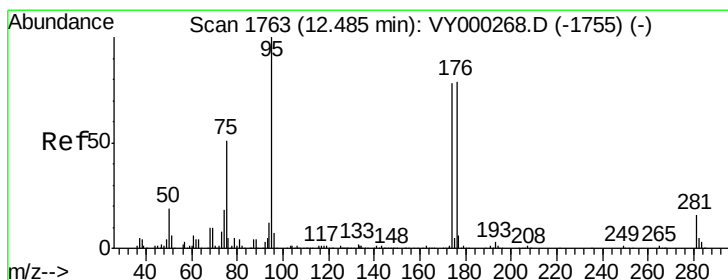
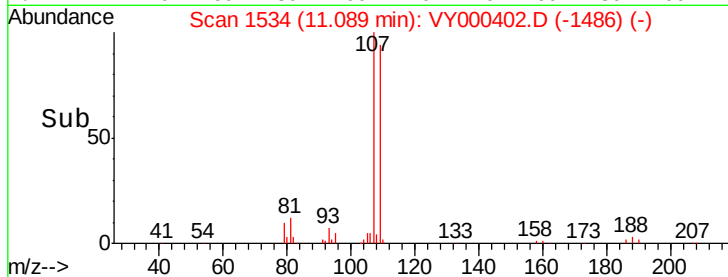
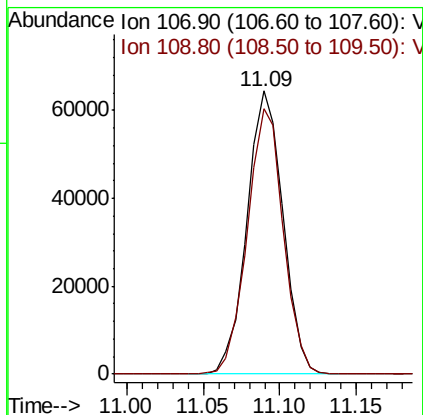
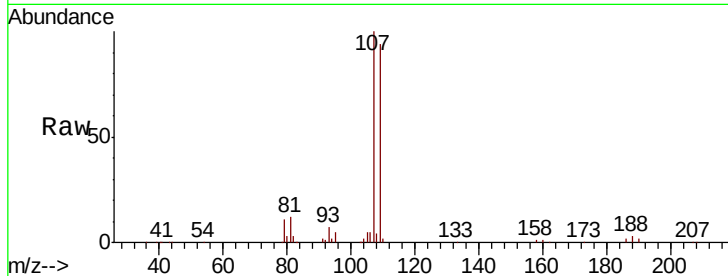




#61
 1,2-Dibromoethane
 Concen: 52.666 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY000402.D
 Acq: 24 Oct 2019 12:00

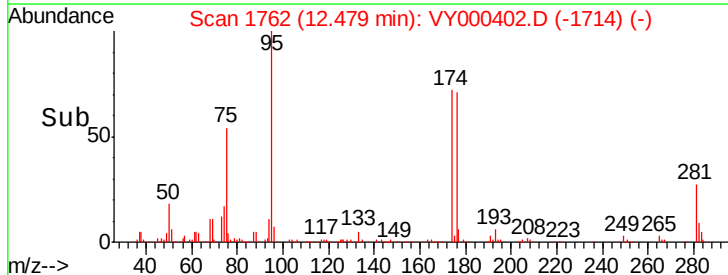
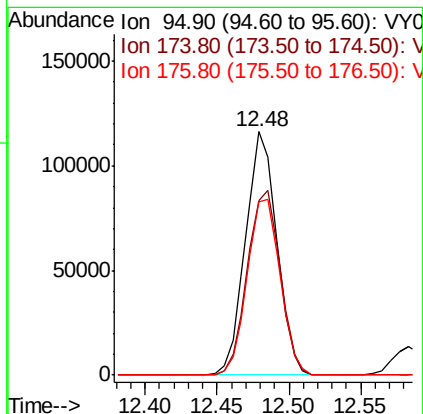
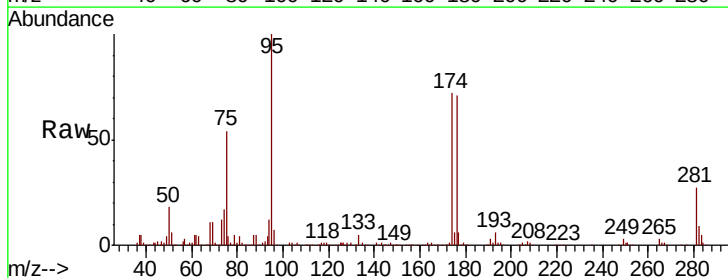
Instrument :
 MSVOA_Y
 ClientSampleId :

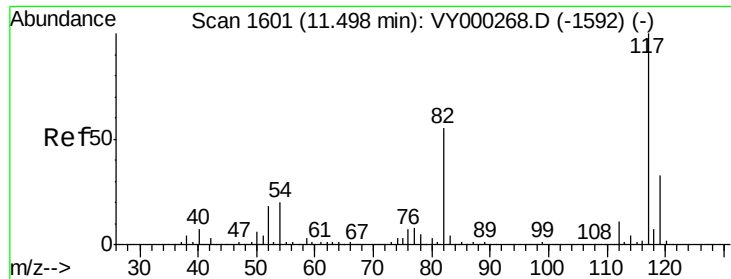
Tot Ion: 107 Resp: 105608
 Ion Ratio Lower Upper
 107 100
 109 93.7 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 53.583 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY000402.D
 Acq: 24 Oct 2019 12:00

Tgt Ion: 95 Resp: 174799
 Ion Ratio Lower Upper
 95 100
 174 79.2 0.0 159.6
 176 75.8 0.0 153.8

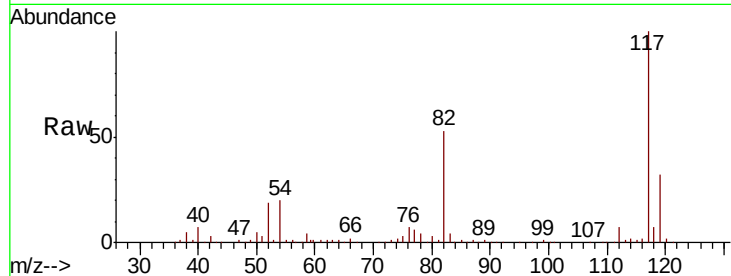




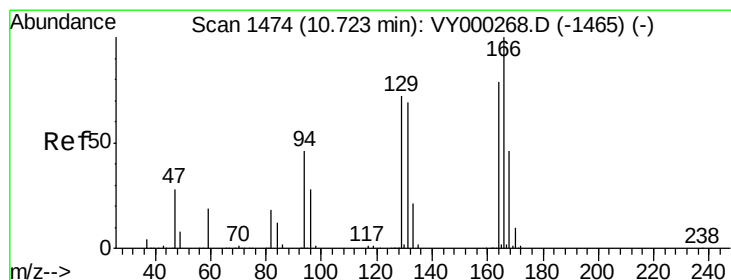
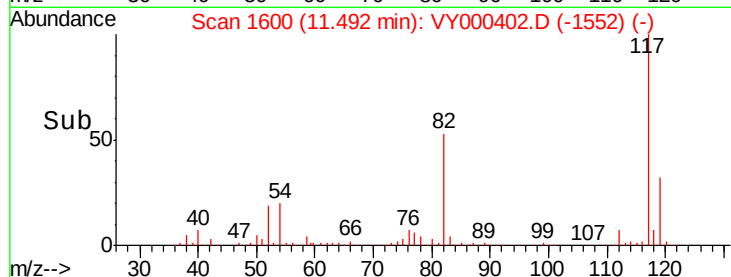
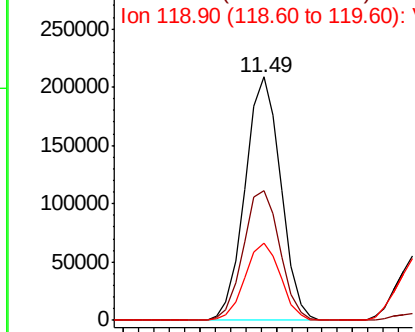
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 338955
Ion Ratio Lower Upper
117 100
82 53.0 43.7 65.5
119 32.0 26.6 39.8

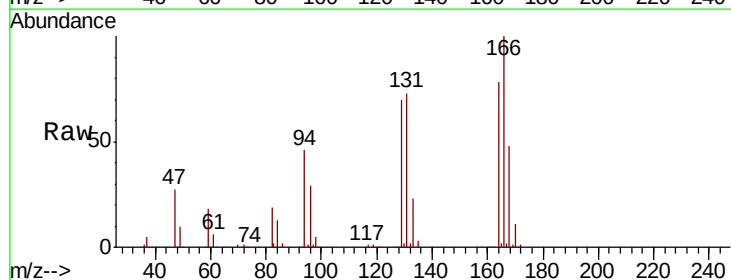


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

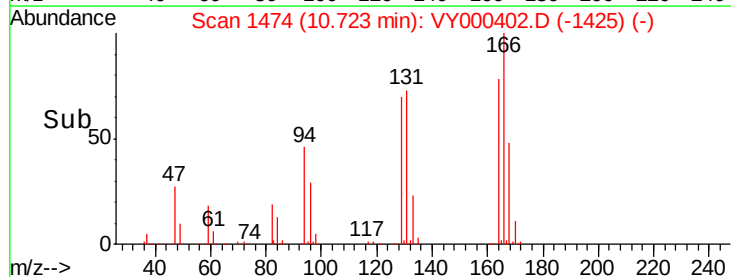
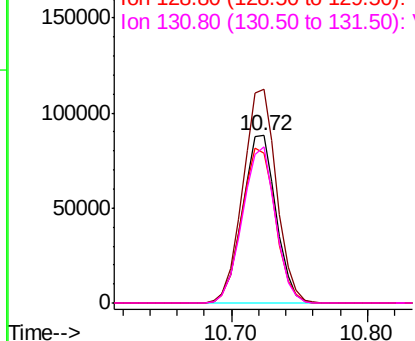


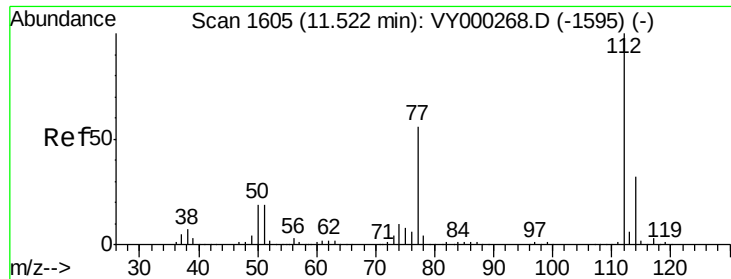
#64
Tetrachloroethene
Concen: 47.190 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Tgt Ion:164 Resp: 152277
Ion Ratio Lower Upper
164 100
166 127.6 100.6 151.0
129 89.9 72.8 109.2
131 93.4 69.4 104.2



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

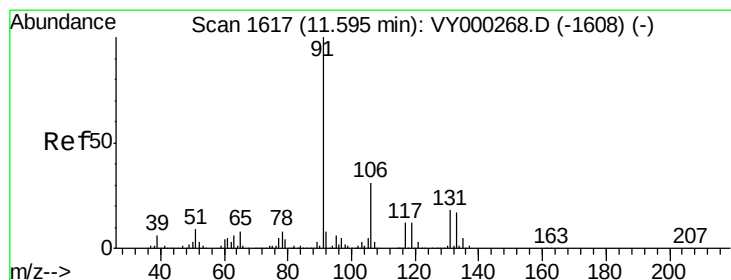
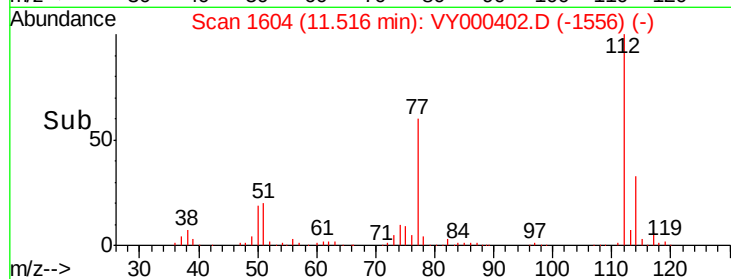
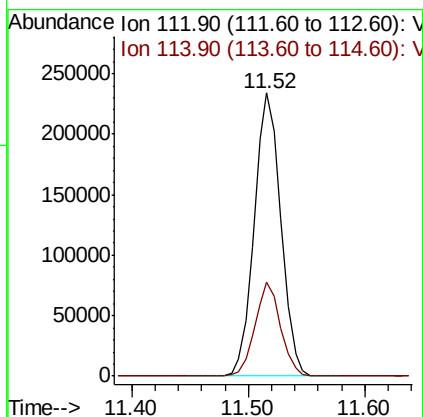
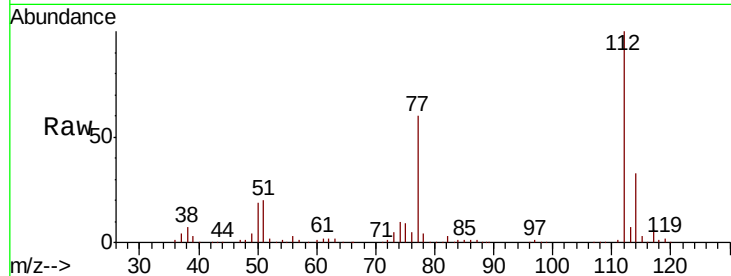




#65
Chlorobenzene
Concen: 52.028 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

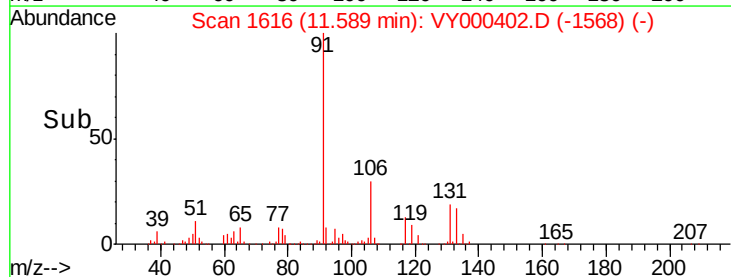
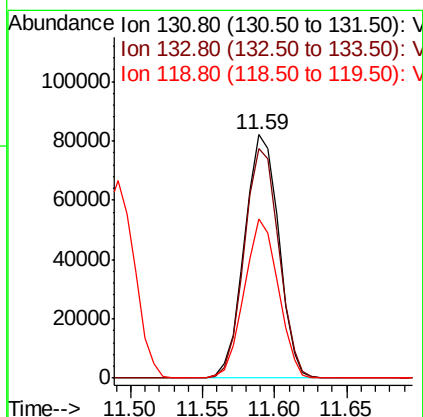
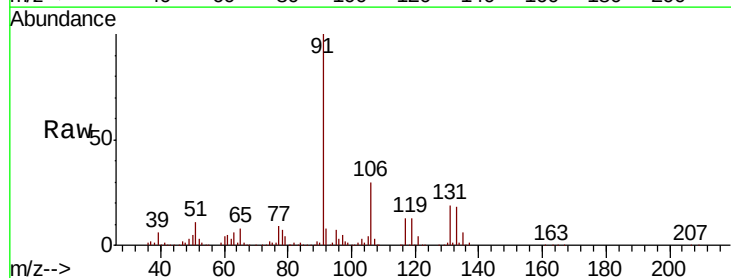
Instrument :
MSVOA_Y
ClientSampled :

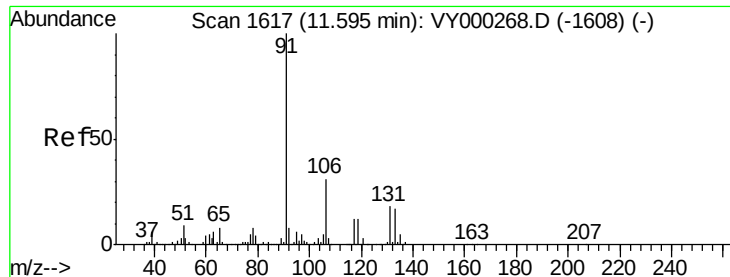
Tot Ion:112 Resp: 372182
Ion Ratio Lower Upper
112 100
114 33.3 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 53.850 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Tgt Ion:131 Resp: 135317
Ion Ratio Lower Upper
131 100
133 95.0 47.2 141.6
119 64.7 32.6 98.0





#67

Ethyl Benzene

Concen: 52.423 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. -0.00 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

Instrument :

MSVOA_Y

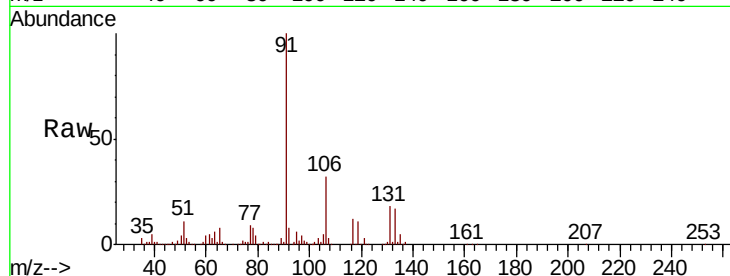
ClientSampleId :

Tot Ion: 91 Resp: 695174

Ion Ratio Lower Upper

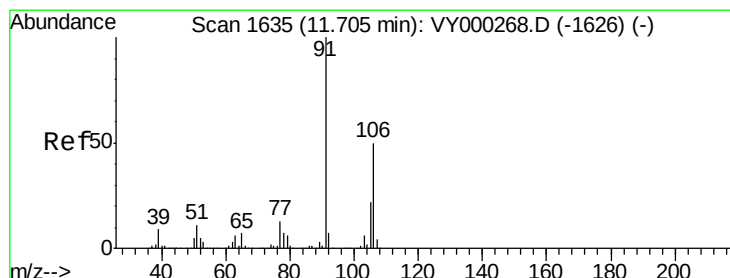
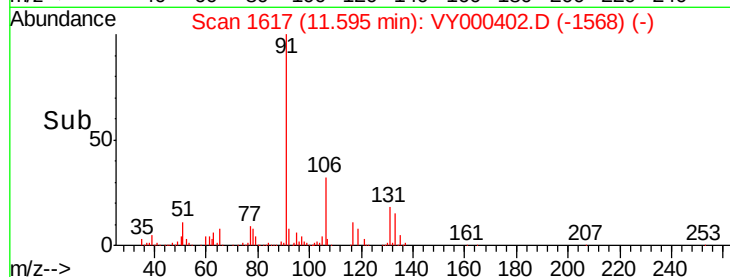
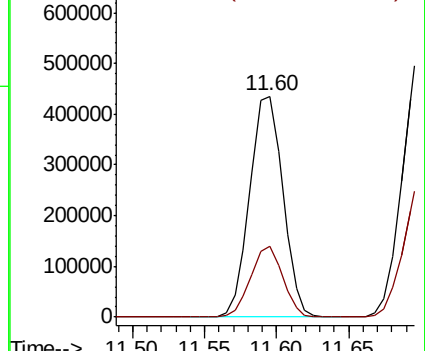
91 100

106 32.1 25.0 37.6



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 104.206 ug/l

RT: 11.70 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VY000402.D

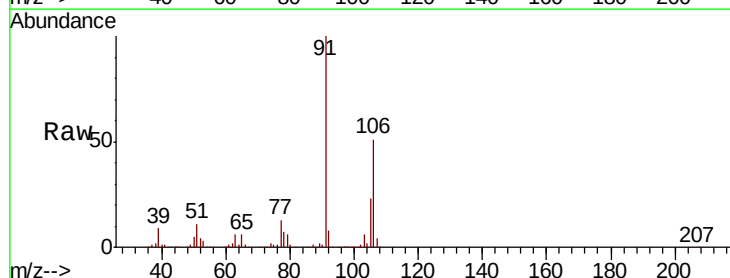
Acq: 24 Oct 2019 12:00

Tgt Ion:106 Resp: 528266

Ion Ratio Lower Upper

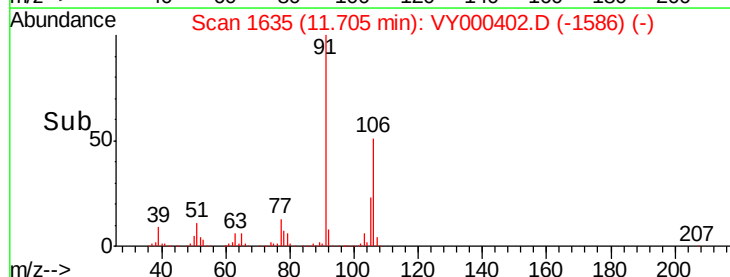
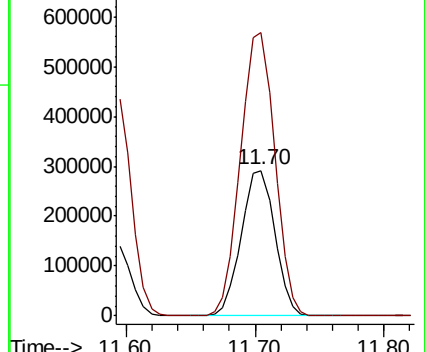
106 100

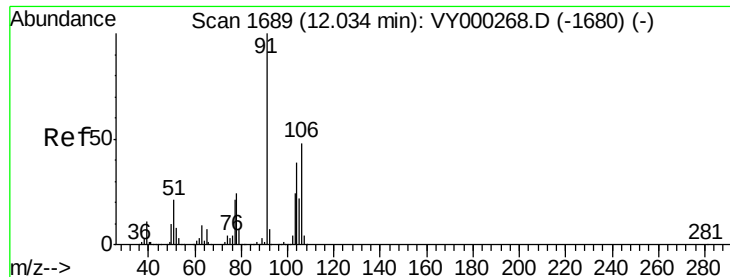
91 198.8 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0

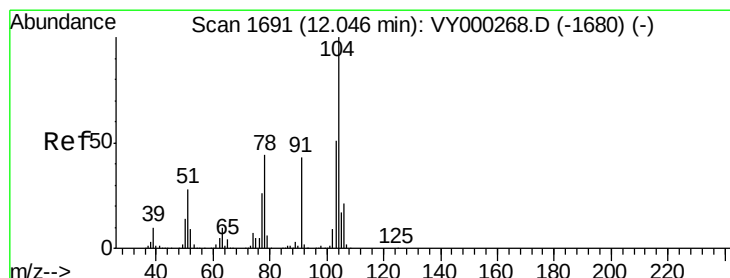
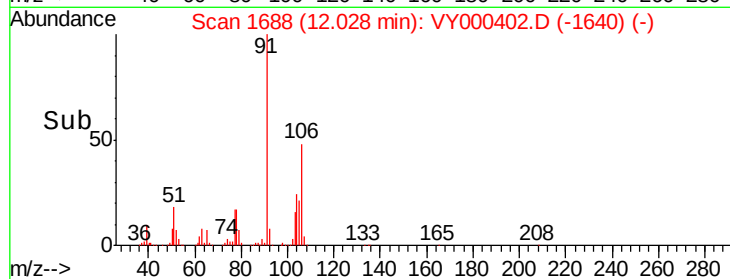
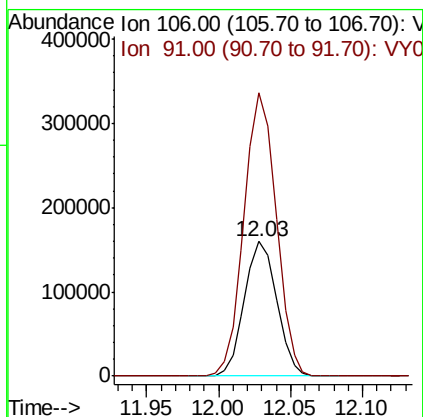
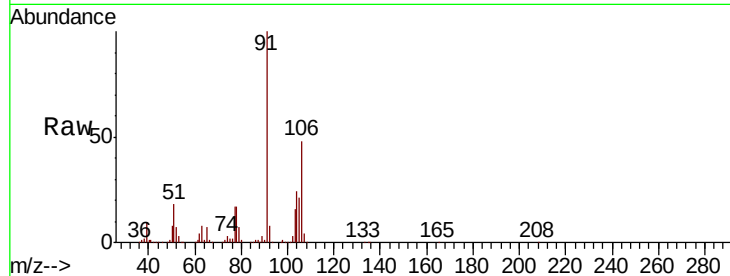




#69
o-Xylene
Concen: 51.735 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

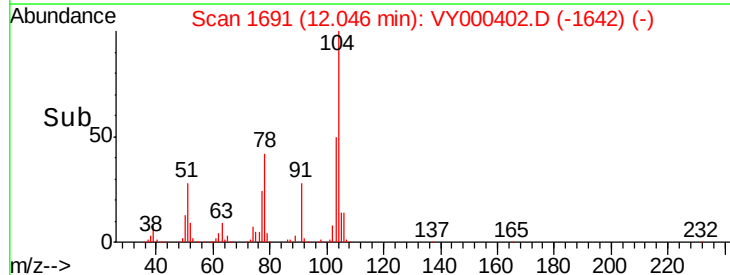
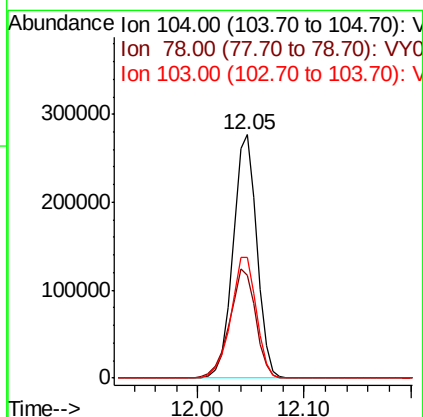
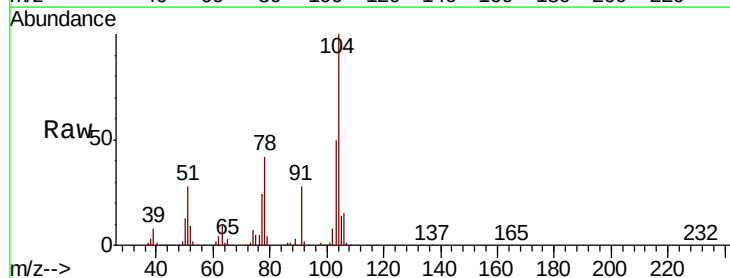
Instrument :
MSVOA_Y
ClientSampleId :

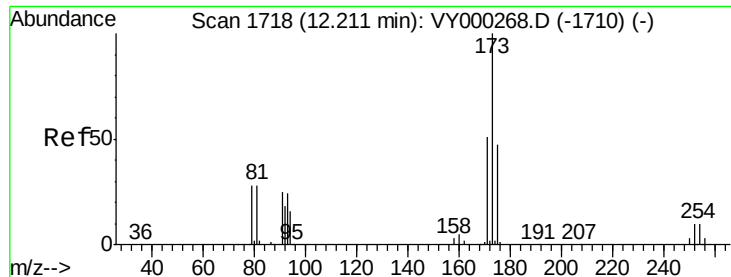
Tot Ion:106 Resp: 250193
Ion Ratio Lower Upper
106 100
91 208.9 104.7 313.9



#70
Styrene
Concen: 53.133 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Tgt Ion:104 Resp: 433351
Ion Ratio Lower Upper
104 100
78 48.9 39.0 58.6
103 53.6 43.1 64.7





#71

Bromoform

Concen: 54.931 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

Instrument :

MSVOA_Y

ClientSampleId :

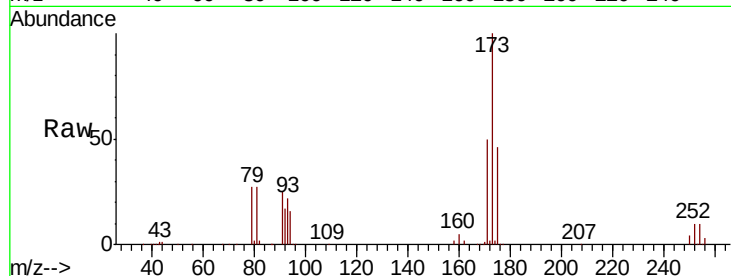
Tot Ion:173 Resp: 79350

Ion Ratio Lower Upper

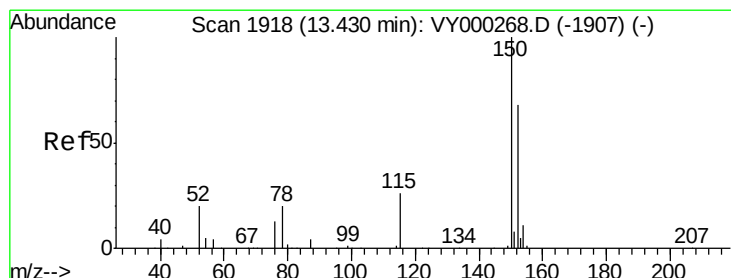
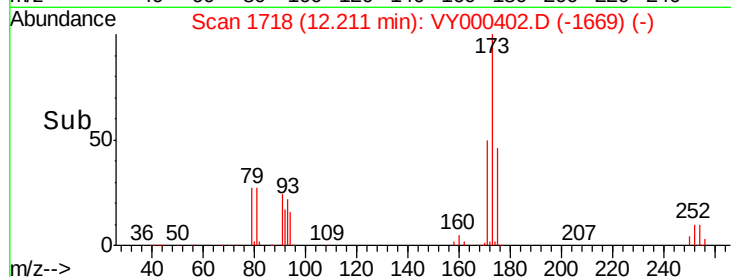
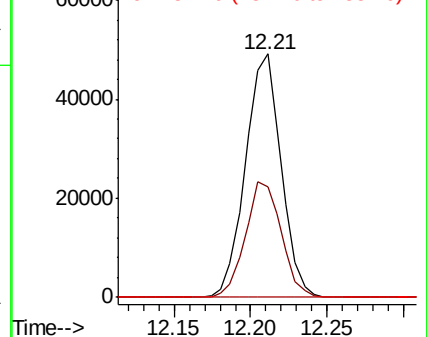
173 100

175 47.7 24.6 73.6

254 0.1 0.1 0.1



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

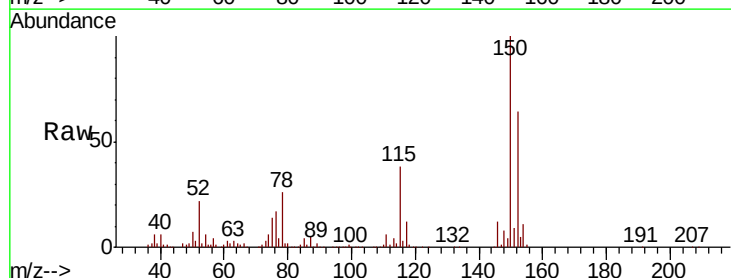
Tgt Ion:152 Resp: 173479

Ion Ratio Lower Upper

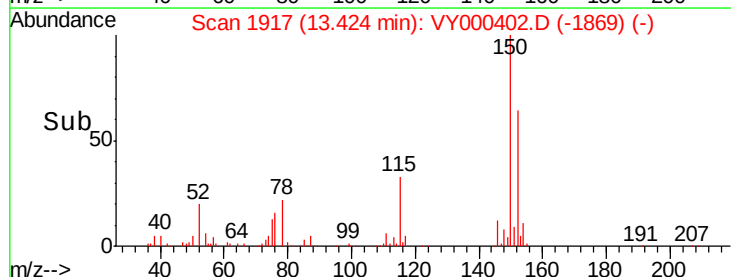
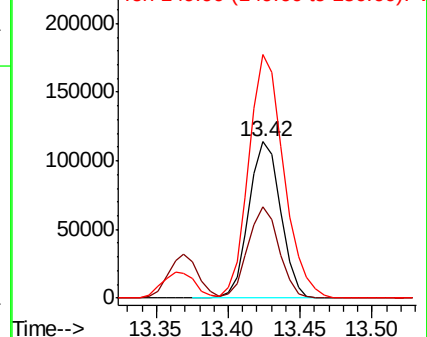
152 100

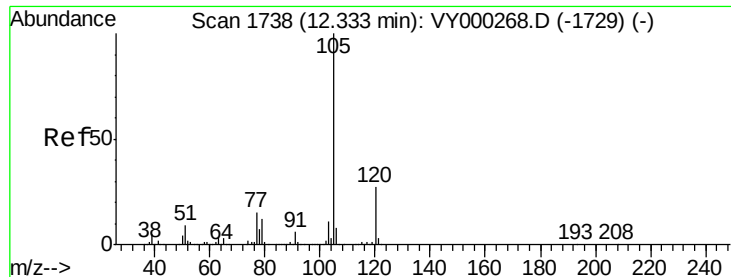
115 57.4 29.3 88.0

150 171.1 0.0 348.4



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: 50.531 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.01 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

Instrument :

MSVOA_Y

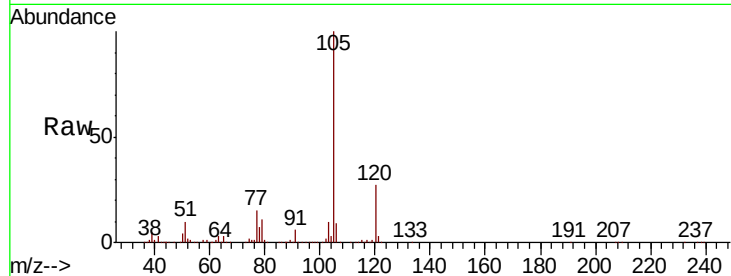
ClientSampleId :

Tot Ion:105 Resp: 683521

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

400000

300000

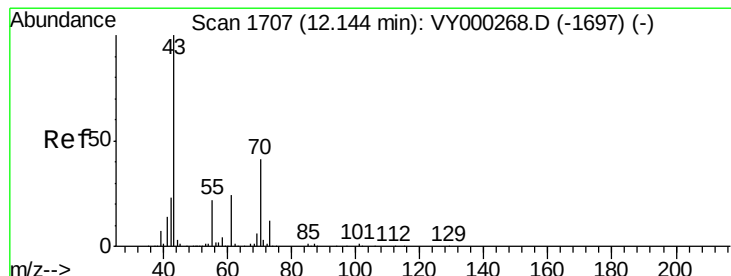
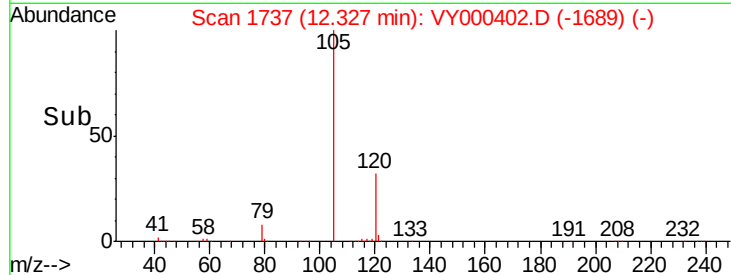
200000

100000

0

Time-->

12.30 12.40



#74

N-ethyl acetate

Concen: 60.500 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

Tgt Ion: 43 Resp: 200909

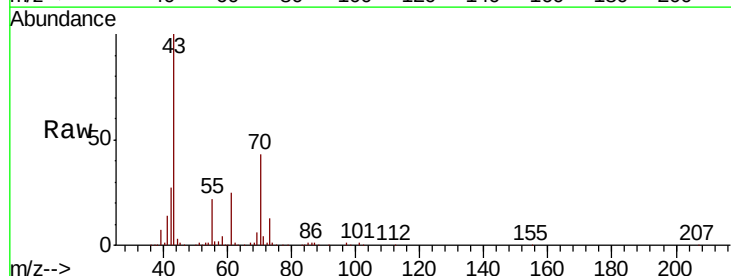
Ion Ratio Lower Upper

43 100

70 42.0 32.9 49.3

55 22.6 17.8 26.6

61 24.7 19.5 29.3



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

12.14

200000

150000

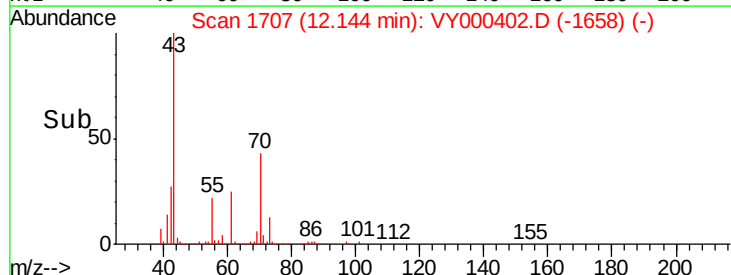
100000

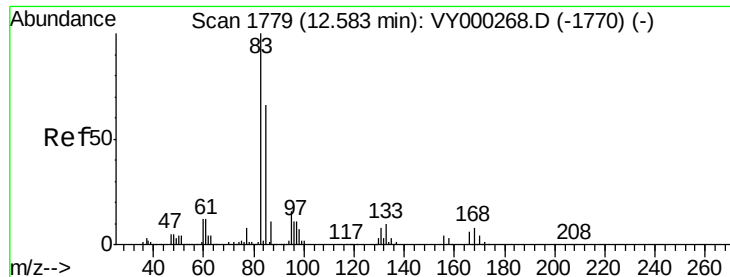
50000

0

Time-->

12.10 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 54.067 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

Instrument :

MSVOA_Y

ClientSampleId :

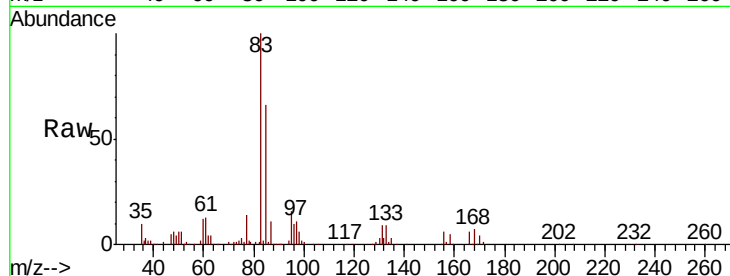
Tot Ion: 83 Resp: 137315

Ion	Ratio	Lower	Upper
83	100		
131	9.5	5.3	16.1
85	63.5	32.9	98.7

83 100

131 9.5 5.3 16.1

85 63.5 32.9 98.7



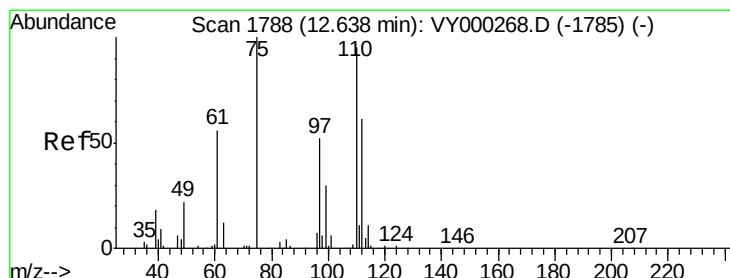
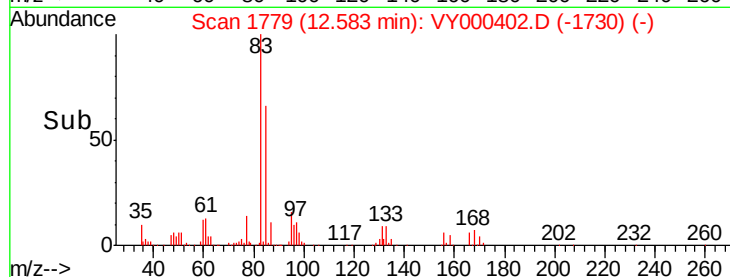
Abundance Ion 82.90 (82.60 to 83.60): VY000402.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY000402.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY000402.D (-1730) (-)

12.58

Time-->



#76

1,2,3-Trichloropropane

Concen: 88.980 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VY000402.D

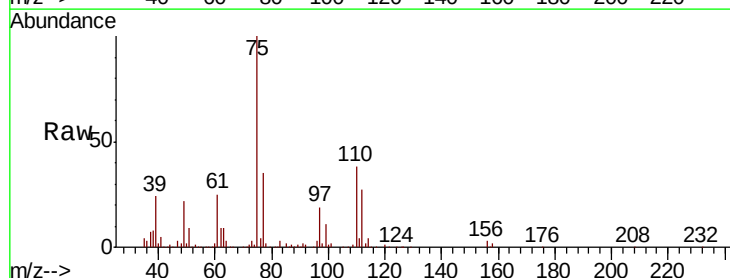
Acq: 24 Oct 2019 12:00

Tgt Ion: 75 Resp: 189811

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

75 100

77 0.0 0.0 0.0

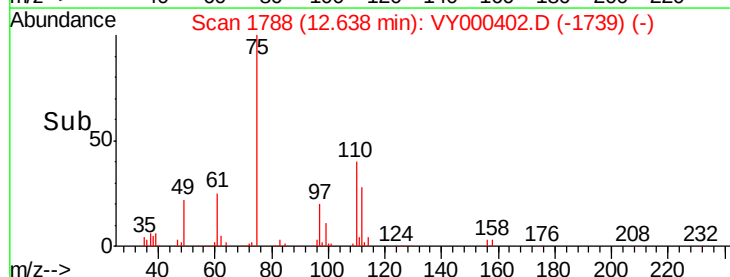


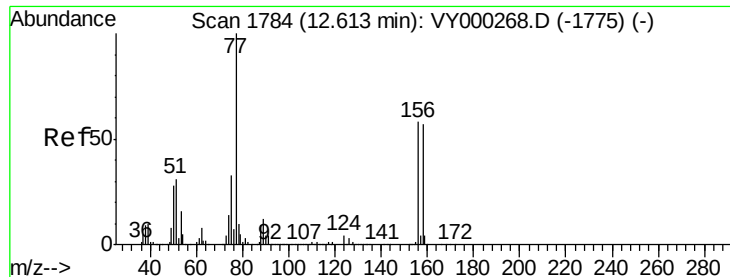
Abundance Ion 74.90 (74.60 to 75.60): VY000402.D (-1739) (-)

Ion 77.00 (76.70 to 77.70): VY000402.D (-1739) (-)

12.64

Time-->





#77

Bromobenzene

Concen: 50.898 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

Instrument :

MSVOA_Y

ClientSampleId :

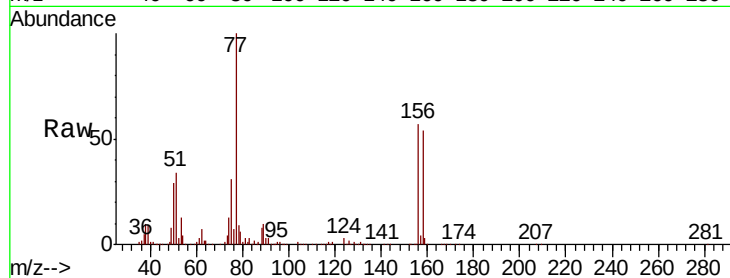
Tot Ion:156 Resp: 153205

Ion Ratio Lower Upper

156 100

77 196.1 101.0 302.9

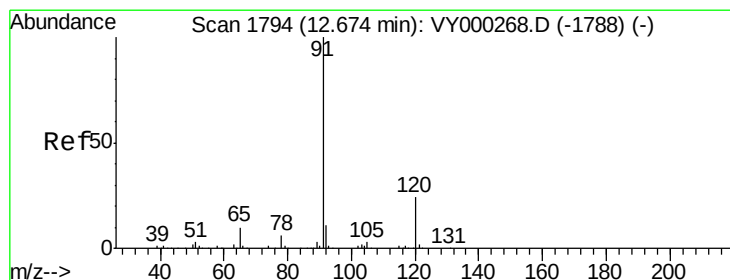
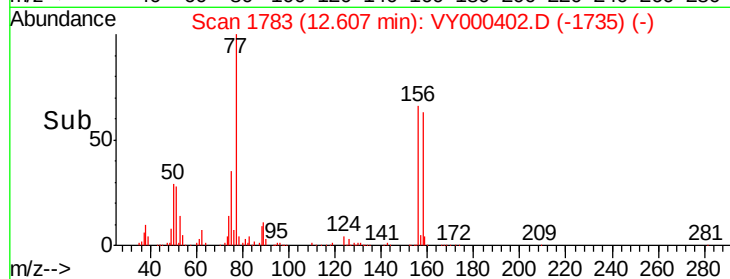
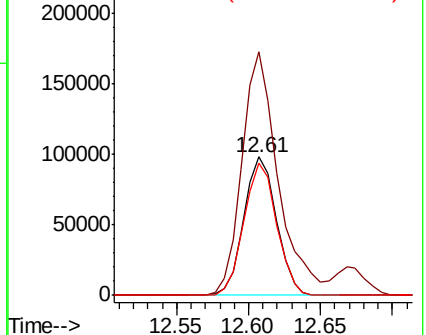
158 95.7 49.7 149.1



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: 51.598 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VY000402.D

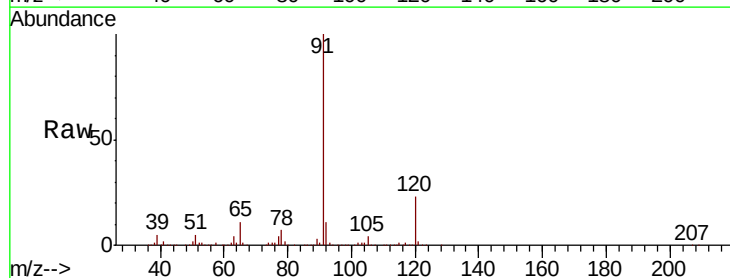
Acq: 24 Oct 2019 12:00

Tgt Ion: 91 Resp: 838003

Ion Ratio Lower Upper

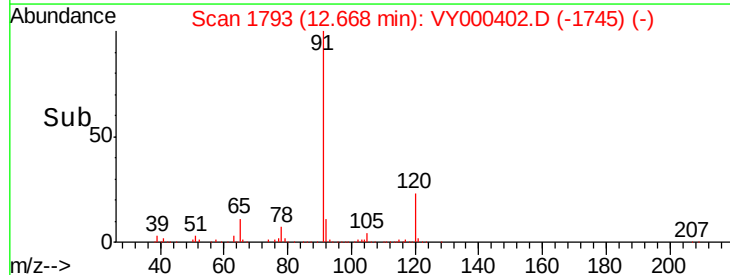
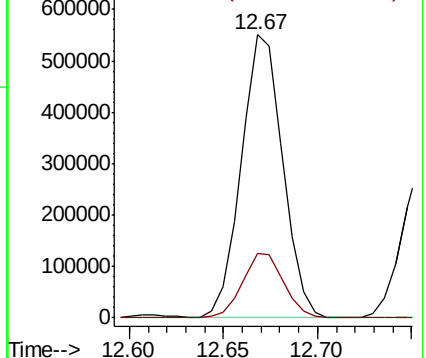
91 100

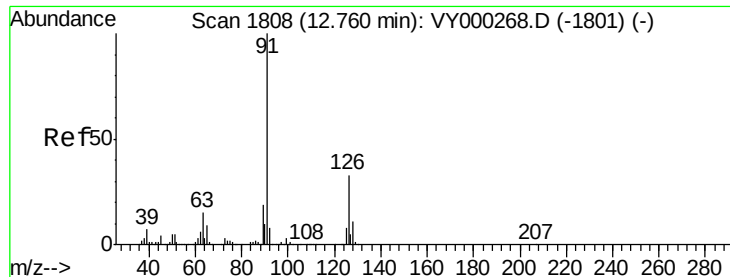
120 22.6 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

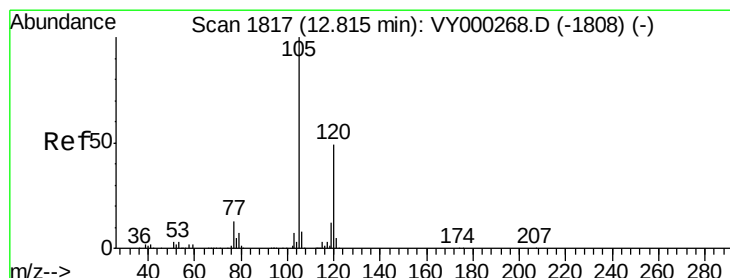
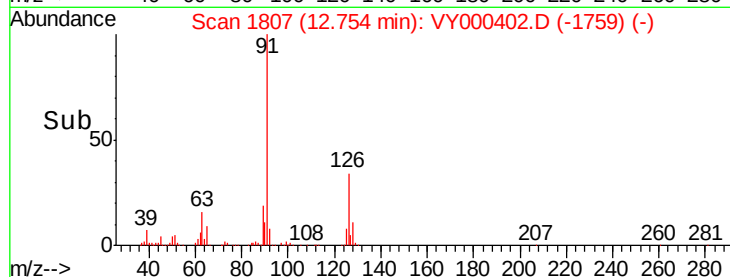
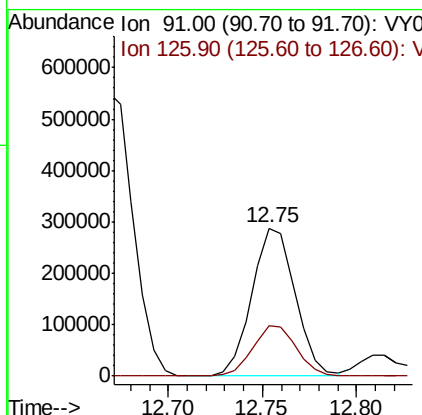
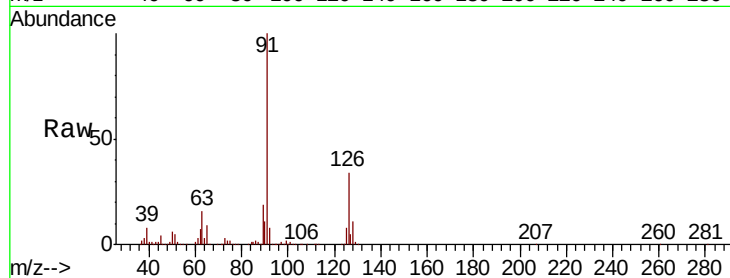




#79
 2-Chlorotoluene
 Concen: 51.317 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.01 min
 Lab File: VY000402.D
 Acq: 24 Oct 2019 12:00

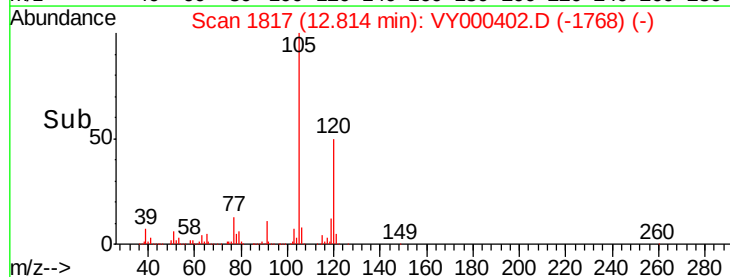
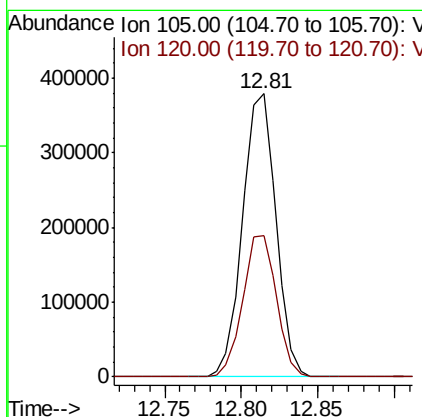
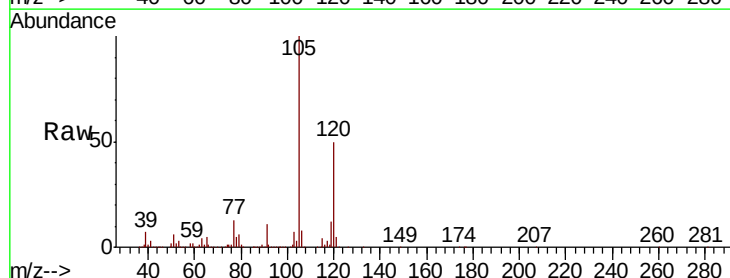
Instrument :
 MSVOA_Y
 ClientSampled :

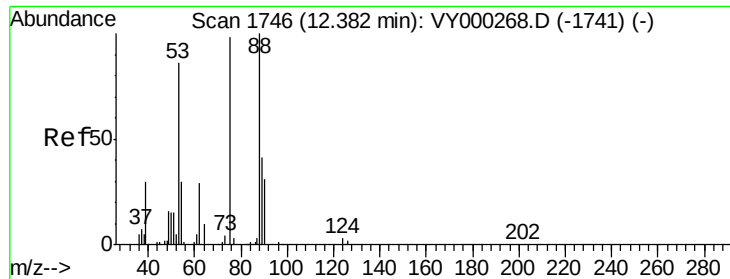
Tot Ion: 91 Resp: 460271
 Ion Ratio Lower Upper
 91 100
 126 34.5 17.1 51.3



#80
 1,3,5-Trimethylbenzene
 Concen: 50.519 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: VY000402.D
 Acq: 24 Oct 2019 12:00

Tgt Ion: 105 Resp: 573012
 Ion Ratio Lower Upper
 105 100
 120 50.5 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 52.704 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.00 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

Instrument :

MSVOA_Y

ClientSampleId :

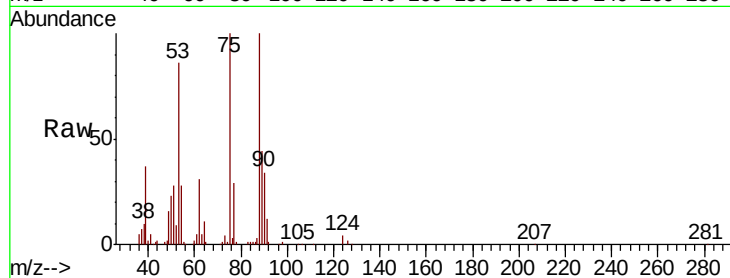
Tot Ion: 75 Resp: 51385

Ion	Ratio	Lower	Upper
75	100		
53	87.9	71.3	106.9
89	44.2	35.1	52.7

75 100

53 87.9 71.3 106.9

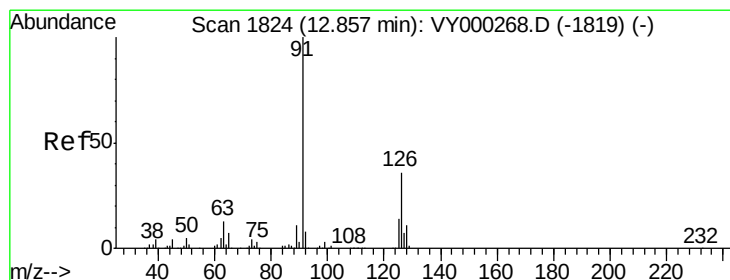
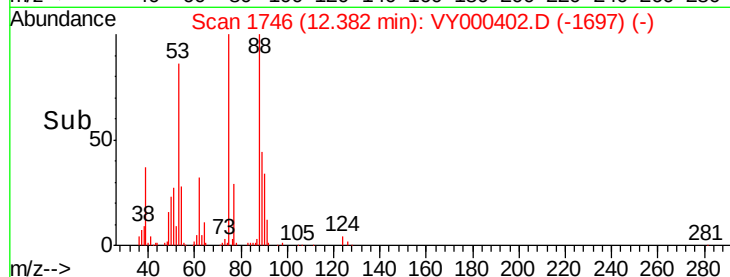
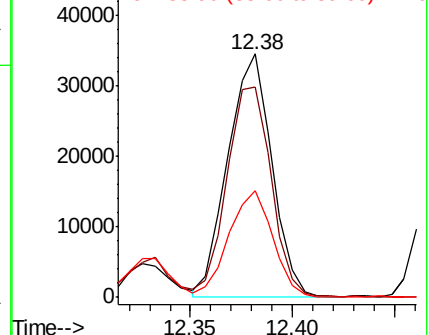
89 44.2 35.1 52.7



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: 51.316 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VY000402.D

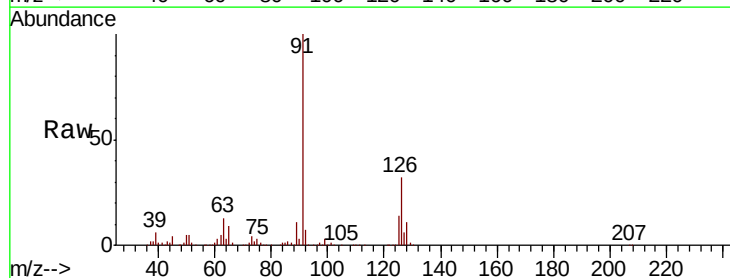
Acq: 24 Oct 2019 12:00

Tgt Ion: 91 Resp: 486522

Ion	Ratio	Lower	Upper
91	100		
126	34.2	17.2	51.5

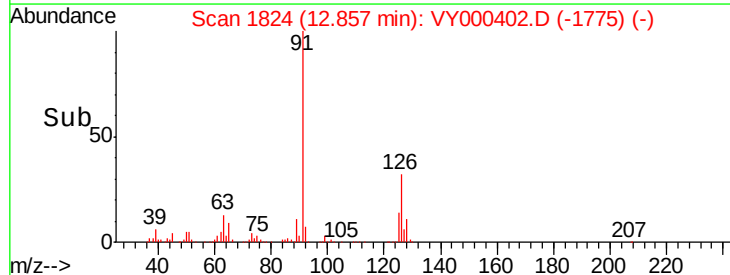
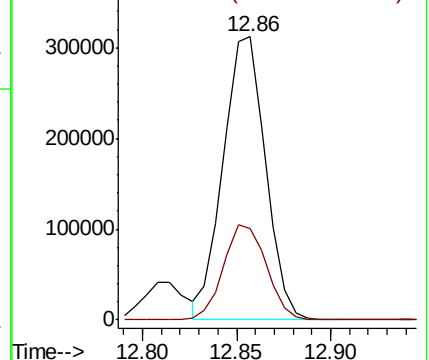
91 100

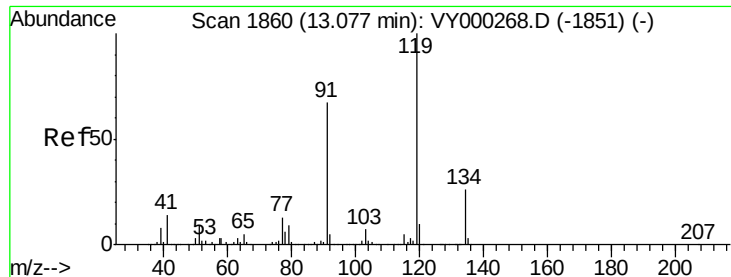
126 34.2 17.2 51.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V

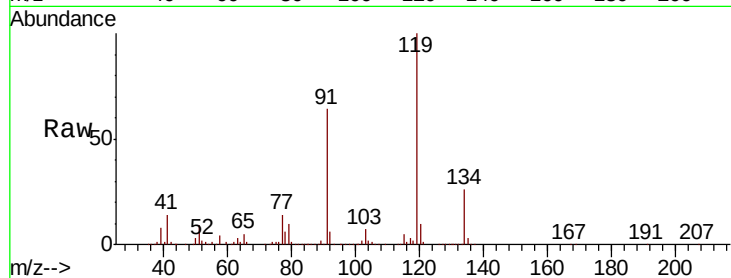




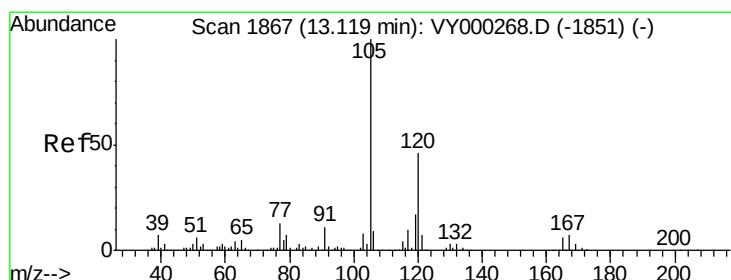
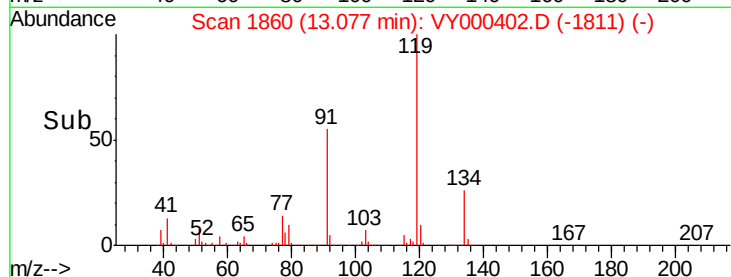
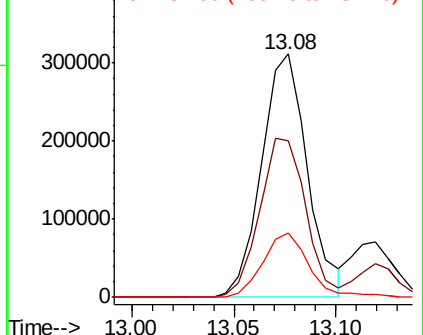
#83
 tert-Butylbenzene
 Concen: 50.821 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VY000402.D
 Acq: 24 Oct 2019 12:00

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:119 Resp: 488152
 Ion Ratio Lower Upper
 119 100
 91 65.7 32.9 98.7
 134 26.7 13.3 39.8

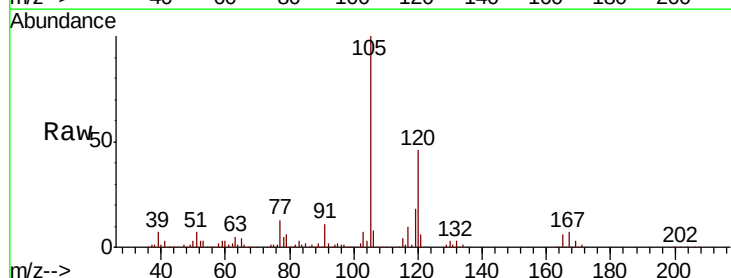


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VY0
 Ion 134.00 (133.70 to 134.70): V

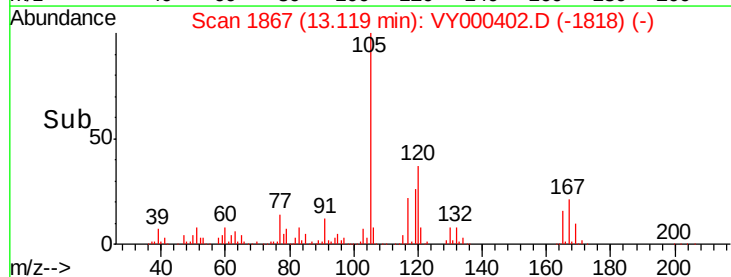
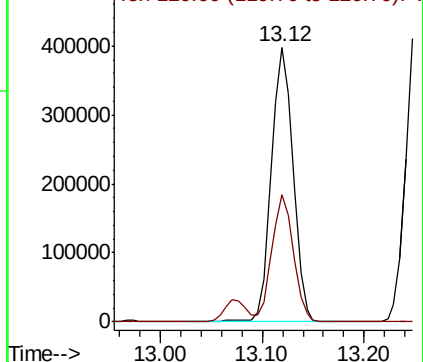


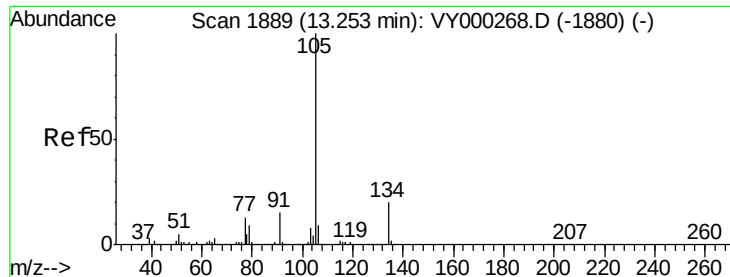
#84
 1,2,4-Trimethylbenzene
 Concen: 52.093 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000402.D
 Acq: 24 Oct 2019 12:00

Tgt Ion:105 Resp: 583167
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.653 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

Instrument :

MSVOA_Y

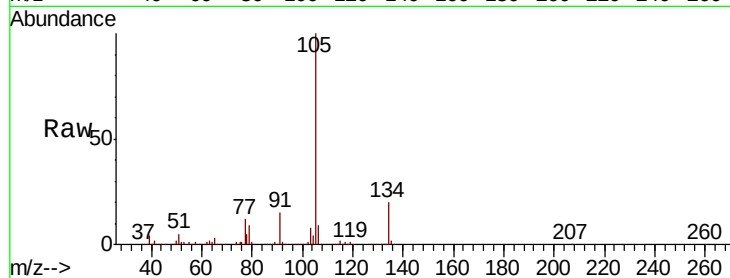
ClientSampled :

Tot Ion:105 Resp: 717734

Ion Ratio Lower Upper

105 100

134 20.1 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

500000

400000

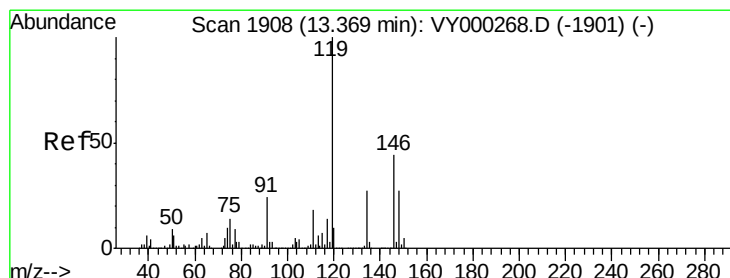
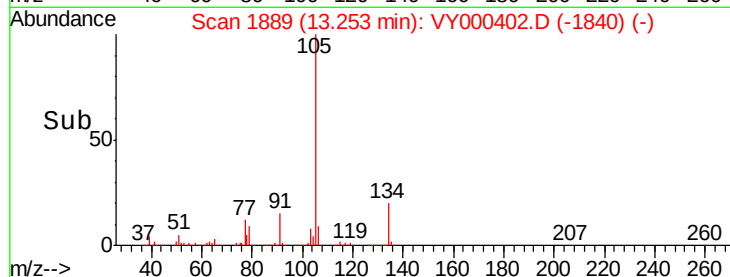
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 52.266 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

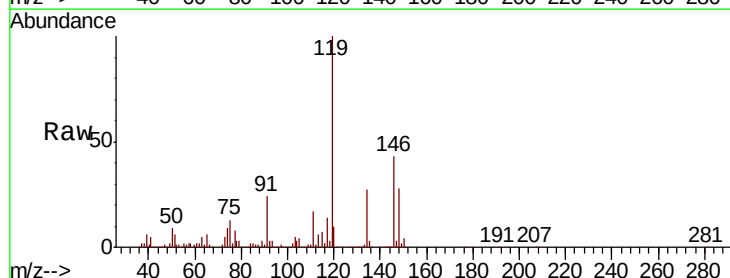
Tgt Ion:119 Resp: 633159

Ion Ratio Lower Upper

119 100

134 27.4 13.6 40.8

91 23.7 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

600000

500000

400000

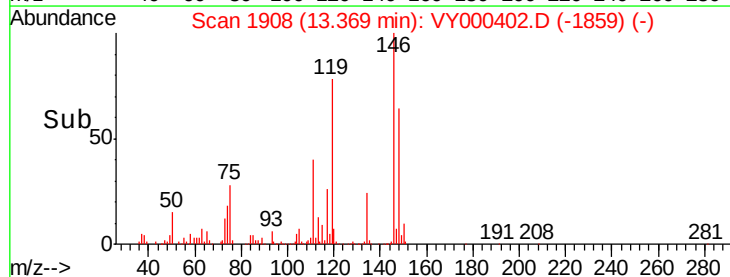
300000

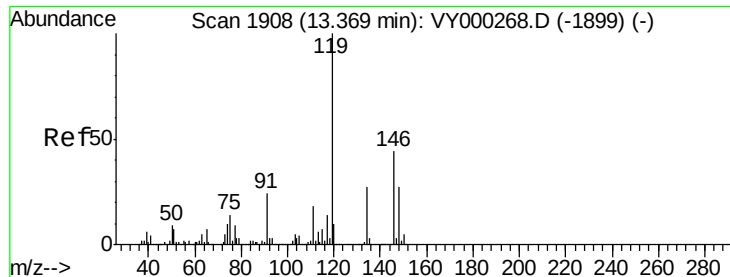
200000

100000

0

Time-->

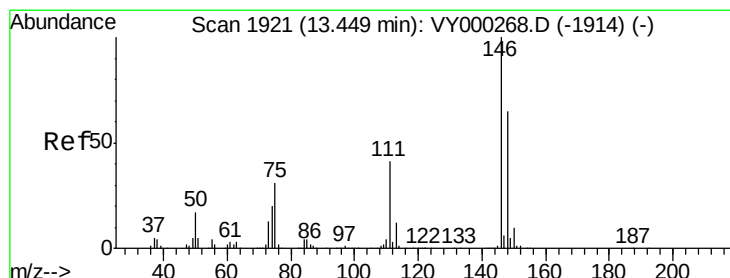
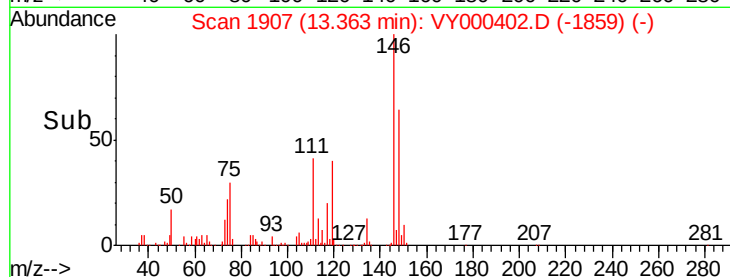
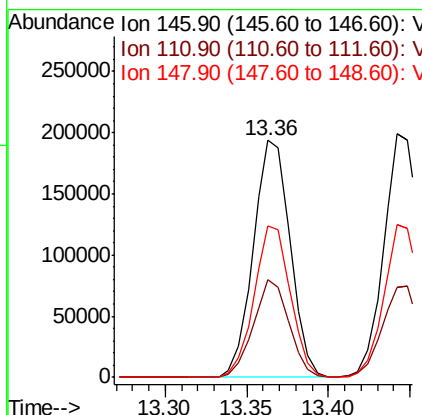
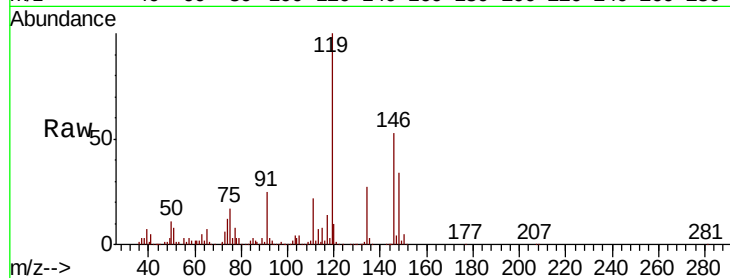




#87
 1,3-Dichlorobenzene
 Concen: 51.387 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY000402.D
 Acq: 24 Oct 2019 12:00

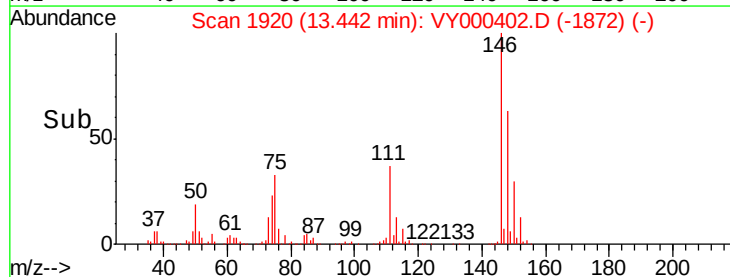
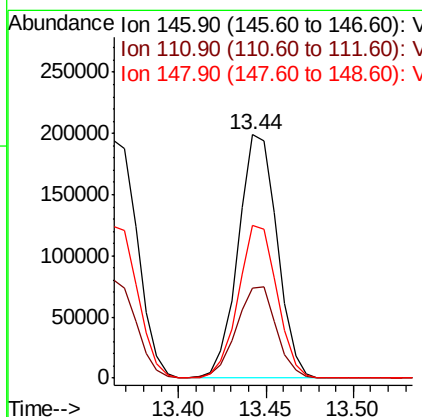
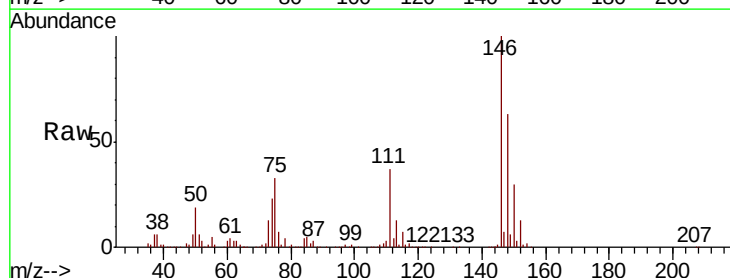
Instrument :
 MSVOA_Y
 ClientSampled :

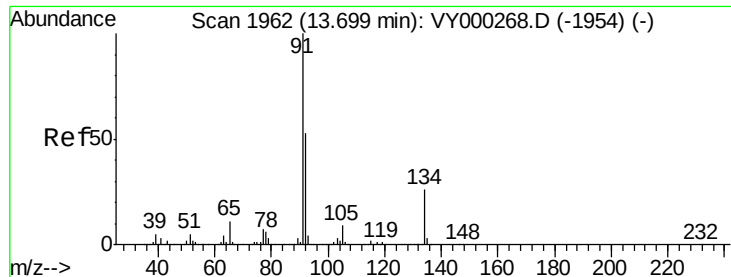
Tot Ion:146 Resp: 304754
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.6 61.8
 148 62.8 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 51.925 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: VY000402.D
 Acq: 24 Oct 2019 12:00

Tgt Ion:146 Resp: 307794
 Ion Ratio Lower Upper
 146 100
 111 38.6 20.1 60.2
 148 62.5 32.4 97.2

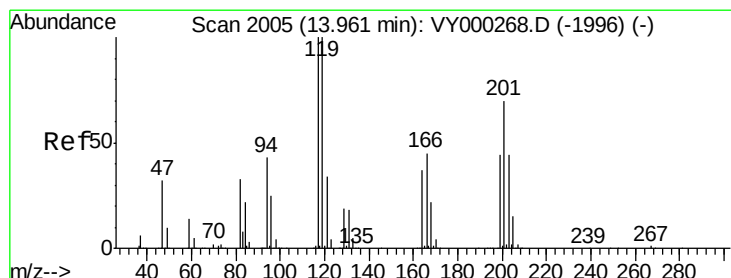
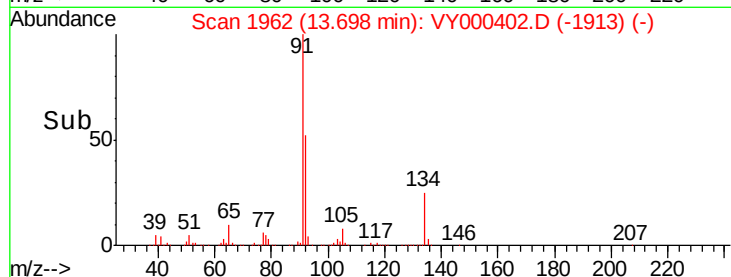
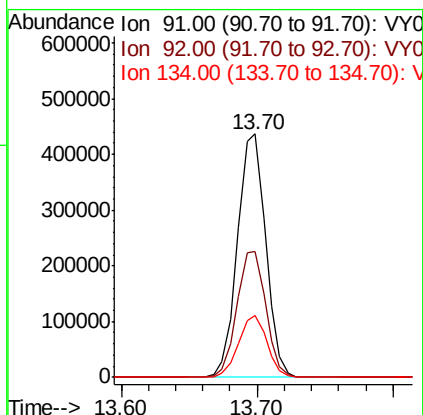
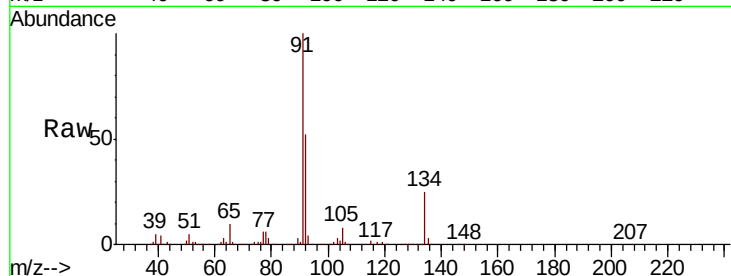




#89
n-Butylbenzene
Concen: 52.765 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

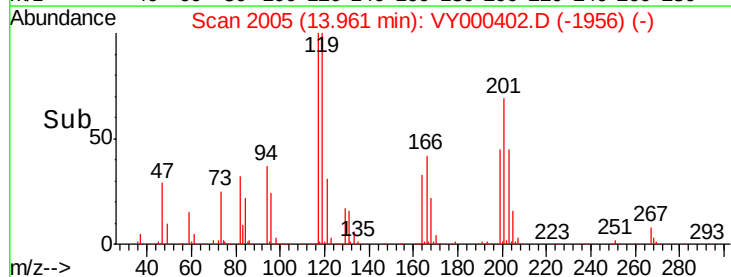
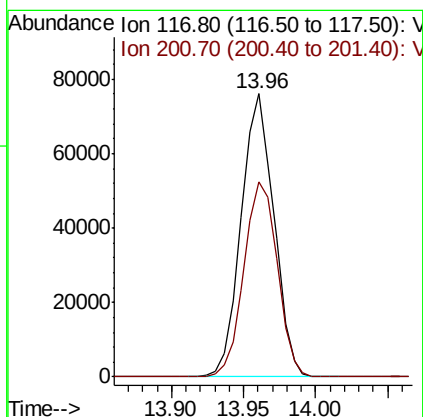
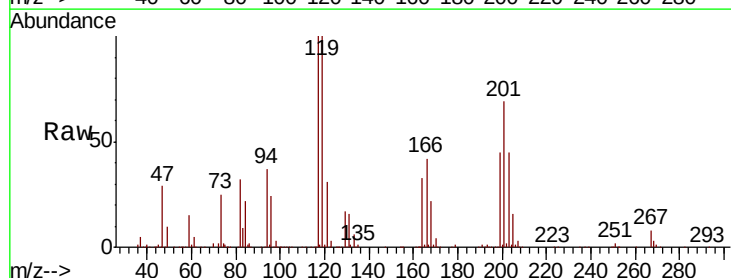
Instrument :
MSVOA_Y
ClientSampled :

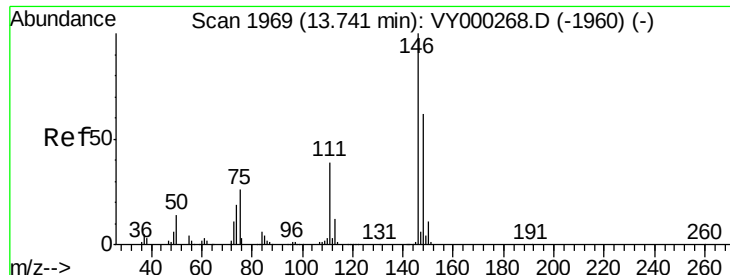
Tot Ion: 91 Resp: 631663
Ion Ratio Lower Upper
91 100
92 53.1 26.7 80.1
134 25.5 13.0 38.9



#90
Hexachloroethane
Concen: 53.434 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Tgt Ion: 117 Resp: 119864
Ion Ratio Lower Upper
117 100
201 70.2 36.3 108.7





#91

1,2-Dichlorobenzene

Concen: 52.734 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

Instrument :

MSVOA_Y

ClientSampled :

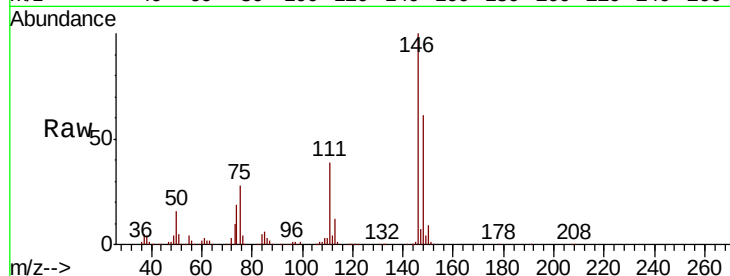
Tot Ion:146 Resp: 283029

Ion Ratio Lower Upper

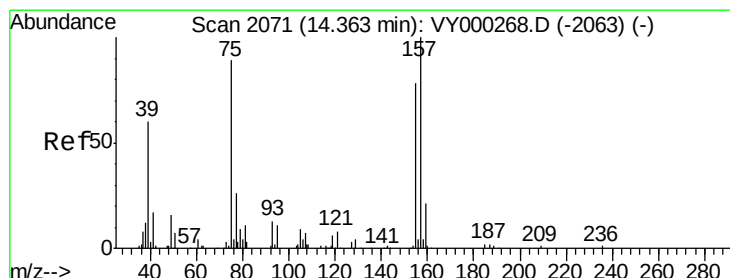
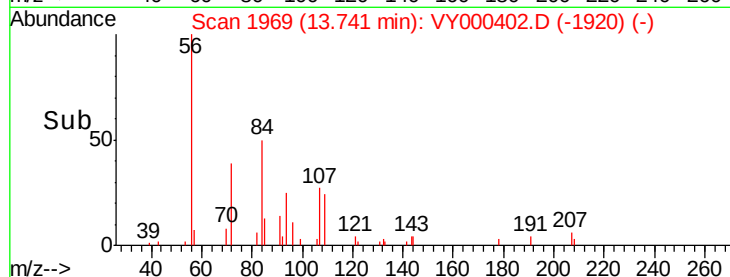
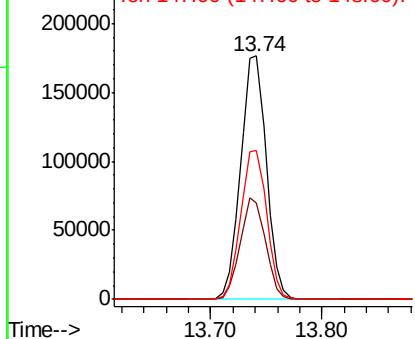
146 100

111 41.0 20.5 61.5

148 62.0 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.365 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.01 min

Lab File: VY000402.D

Acq: 24 Oct 2019 12:00

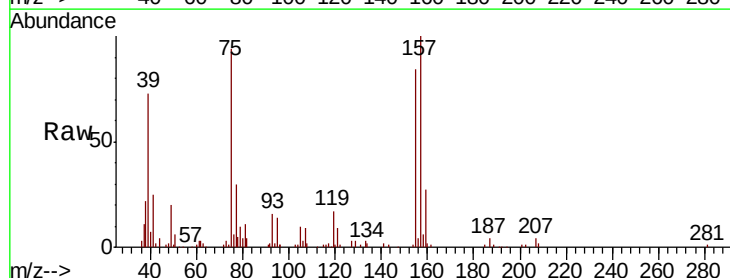
Tgt Ion: 75 Resp: 22333

Ion Ratio Lower Upper

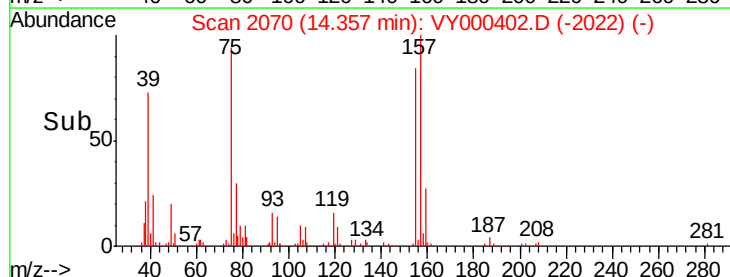
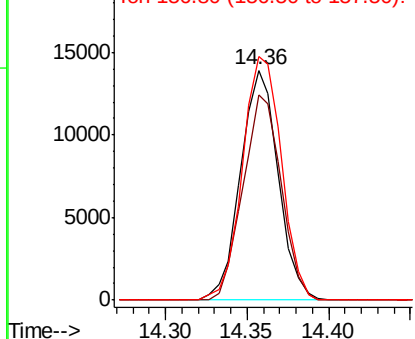
75 100

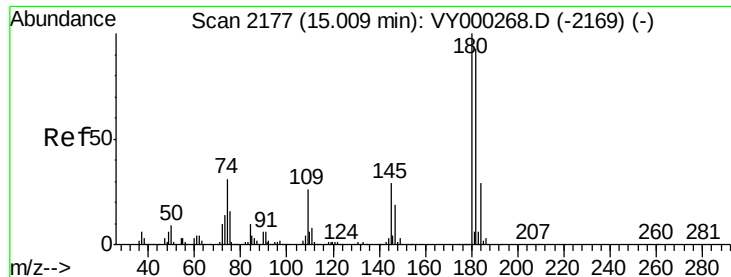
155 90.8 45.8 137.3

157 109.6 55.6 166.9



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

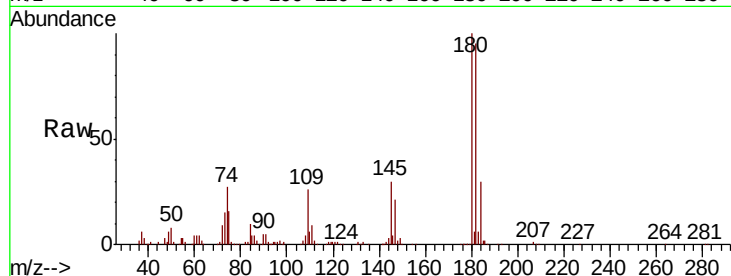




#93
 1,2,4-Trichlorobenzene
 Concen: 51.077 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY000402.D
 Acq: 24 Oct 2019 12:00

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.5	142.6
145	29.9	15.4	46.1

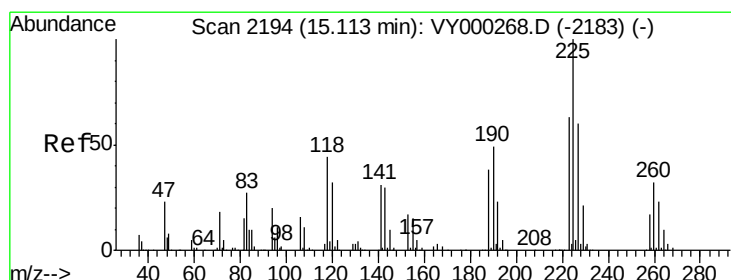
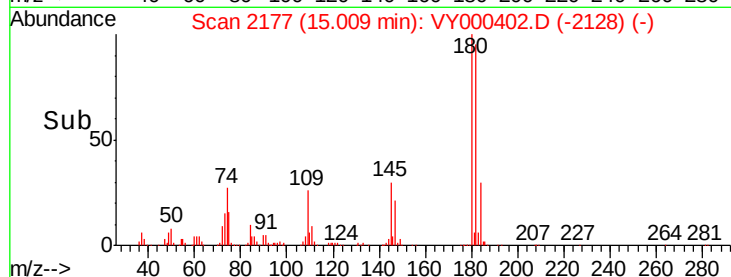
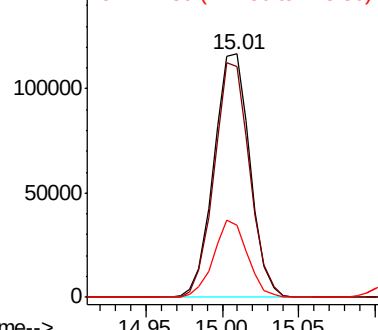


Abundance

Ion 179.80 (179.50 to 180.50): V

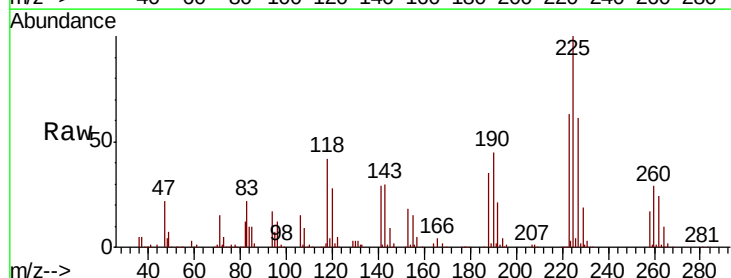
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 49.411 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY000402.D
 Acq: 24 Oct 2019 12:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.9	95.7
227	63.2	31.4	94.2

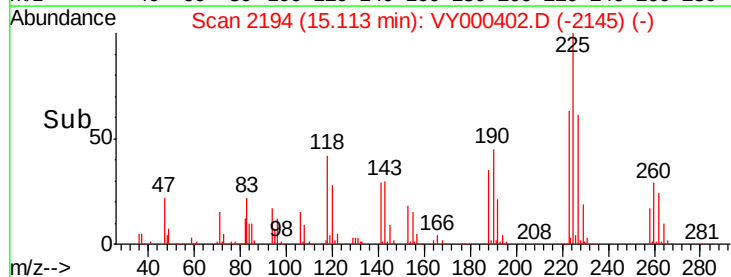
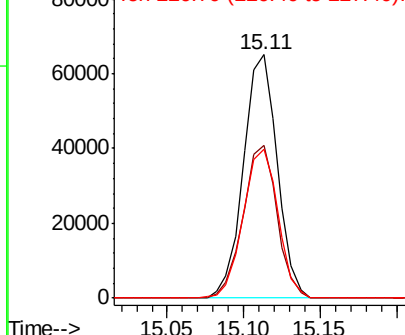


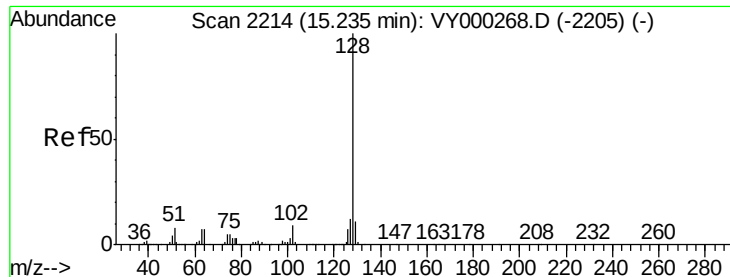
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

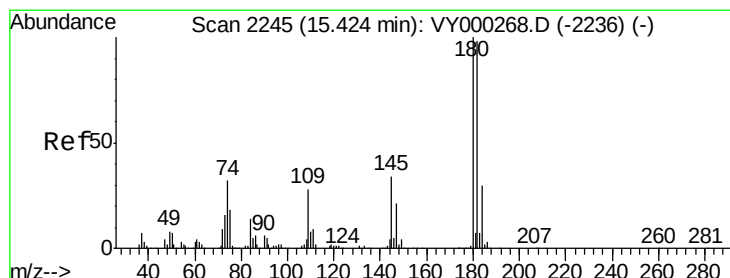
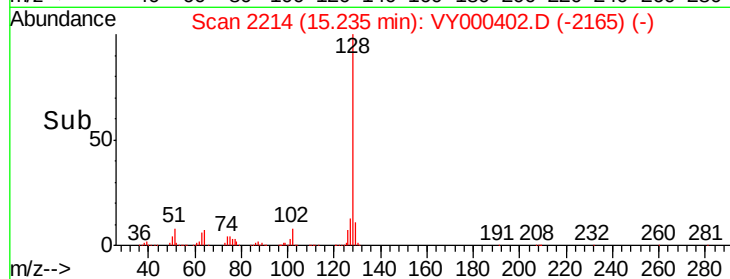
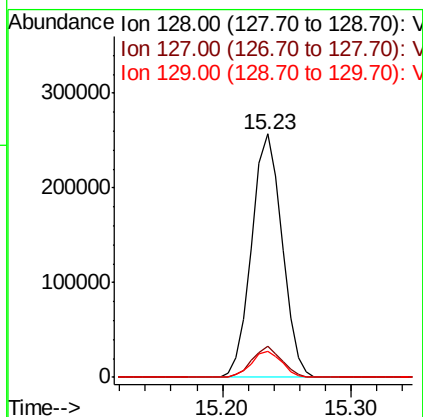
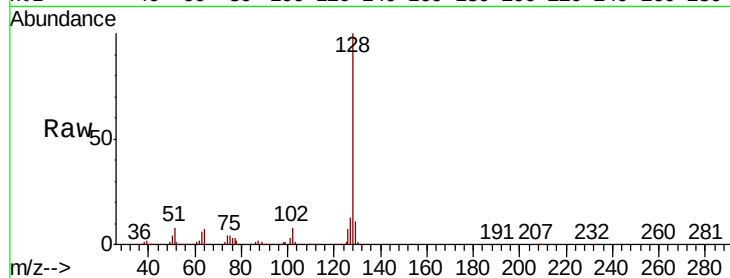




#95
Naphthalene
Concen: 50.212 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 418720
Ion Ratio Lower Upper
128 100
127 12.3 9.6 14.4
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.585 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY000402.D
Acq: 24 Oct 2019 12:00

Tgt Ion:180 Resp: 170357
Ion Ratio Lower Upper
180 100
182 94.2 46.5 139.5
145 32.5 16.2 48.5

