

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101719\
 Data File : VY000336.D
 Acq On : 17 Oct 2019 11:16
 Operator : SY/MD
 Sample : VY1017SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 17 17:58:20 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	289094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	483132	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	427851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	207223	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	162628	53.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.66%	
35) Dibromofluoromethane	7.73	113	147842	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
50) Toluene-d8	10.19	98	586776	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
62) 4-Bromofluorobenzene	12.49	95	210924	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	57686	22.899	ug/l	95
3) Chloromethane	2.12	50	73278	20.743	ug/l	97
4) Vinyl Chloride	2.26	62	76863	21.559	ug/l	94
5) Bromomethane	2.64	94	56705	21.461	ug/l	95
6) Chloroethane	2.79	64	48409	21.044	ug/l	97
7) Trichlorofluoromethane	3.13	101	106301	21.797	ug/l	94
8) Diethyl Ether	3.54	74	40483	23.498	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.90	101	62025	20.972	ug/l	99
10) Methyl Iodide	4.10	142	75964	18.791	ug/l	99
11) Tert butyl alcohol	4.98	59	33917	106.279	ug/l #	94
12) 1,1-Dichloroethene	3.88	96	62858	21.528	ug/l	90
13) Acrolein	3.74	56	37142	99.271	ug/l	97
14) Allyl chloride	4.49	41	104784	21.656	ug/l	99
15) Acrylonitrile	5.18	53	102503	106.298	ug/l	95
16) Acetone	3.96	43	85838	86.920	ug/l	98
17) Carbon Disulfide	4.20	76	189187	20.579	ug/l	99
18) Methyl Acetate	4.49	43	52693	21.475	ug/l	94
19) Methyl tert-butyl Ether	5.23	73	179292	22.059	ug/l	94
20) Methylene Chloride	4.72	84	71046	17.857	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	69571	20.768	ug/l	92
22) Diisopropyl ether	6.13	45	222032	21.696	ug/l	95
23) Vinyl Acetate	6.07	43	720314	107.890	ug/l	99
24) 1,1-Dichloroethane	6.03	63	120294	21.535	ug/l	100
25) 2-Butanone	7.00	43	144471	103.850	ug/l	100
26) 2,2-Dichloropropane	6.99	77	110946	21.554	ug/l	97
27) cis-1,2-Dichloroethene	7.00	96	78088	21.543	ug/l	98
28) Bromochloromethane	7.35	49	48626	20.278	ug/l	97
29) Tetrahydrofuran	7.36	42	89943	106.682	ug/l	99
30) Chloroform	7.52	83	120134	21.355	ug/l	97
31) Cyclohexane	7.80	56	122803	21.049	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	105039	21.003	ug/l	100
36) 1,1-Dichloropropene	7.93	75	95190	20.124	ug/l	99
37) Ethyl Acetate	7.08	43	58673	20.948	ug/l	99
38) Carbon Tetrachloride	7.91	117	92862	20.276	ug/l	98

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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)
39) Methylcyclohexane	9.19	83	130612	21.097	ug/l	96
40) Benzene	8.17	78	281278	20.577	ug/l	98
41) Methacrylonitrile	7.36	41	81465	61.105	ug/l #	3
42) 1,2-Dichloroethane	8.25	62	80185	20.535	ug/l	99
43) Isopropyl Acetate	8.28	43	111779	20.989	ug/l	97
44) Trichloroethene	8.95	130	77221	20.133	ug/l	97
45) 1,2-Dichloropropane	9.22	63	70831	21.115	ug/l	97
46) Dibromomethane	9.32	93	38194	20.367	ug/l	99
47) Bromodichloromethane	9.50	83	93256	21.101	ug/l	94
48) Methyl methacrylate	9.30	41	49855	21.361	ug/l	98
49) 1,4-Dioxane	9.31	88	10395	369.700	ug/l	89
51) 4-Methyl-2-Pentanone	10.08	43	295554	107.600	ug/l	98
52) Toluene	10.25	92	179385	20.669	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	101059	21.337	ug/l	97
54) cis-1,3-Dichloropropene	9.94	75	113628	21.125	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	57432	21.064	ug/l	94
56) Ethyl methacrylate	10.52	69	83421	21.465	ug/l	98
57) 1,3-Dichloropropane	10.80	76	100124	21.382	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	202396	130.566	ug/l	99
59) 2-Hexanone	10.84	43	216460	112.272	ug/l	98
60) Dibromochloromethane	10.99	129	63742	21.092	ug/l	97
61) 1,2-Dibromoethane	11.10	107	55725	21.286	ug/l	99
64) Tetrachloroethene	10.72	164	86070	21.131	ug/l	98
65) Chlorobenzene	11.52	112	184683	20.453	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.60	131	66716	21.033	ug/l	97
67) Ethyl Benzene	11.60	91	350096	20.915	ug/l	100
68) m/p-Xylenes	11.71	106	265403	41.476	ug/l	98
69) o-Xylene	12.03	106	124880	20.457	ug/l	99
70) Styrene	12.05	104	213148	20.704	ug/l	100
71) Bromoform	12.21	173	38723	21.237	ug/l #	99
73) Isopropylbenzene	12.33	105	335249	20.748	ug/l	98
74) N-amyl acetate	12.14	43	96969	24.446	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	64886	21.388	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	94723	37.173	ug/l #	100
77) Bromobenzene	12.61	156	77516	21.559	ug/l	97
78) n-propylbenzene	12.67	91	406637	20.961	ug/l	99
79) 2-Chlorotoluene	12.76	91	228579	21.335	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	286621	21.155	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	24135	20.724	ug/l	98
82) 4-Chlorotoluene	12.86	91	239524	21.150	ug/l	99
83) tert-Butylbenzene	13.08	119	242451	21.131	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	282203	21.104	ug/l	99
85) sec-Butylbenzene	13.25	105	351624	21.185	ug/l	99
86) p-Isopropyltoluene	13.38	119	314773	21.753	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	150188	21.201	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	148369	20.954	ug/l	99
89) n-Butylbenzene	13.70	91	304340	21.283	ug/l	99
90) Hexachloroethane	13.96	117	58408	21.798	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	139542	21.766	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	12994	22.584	ug/l	90

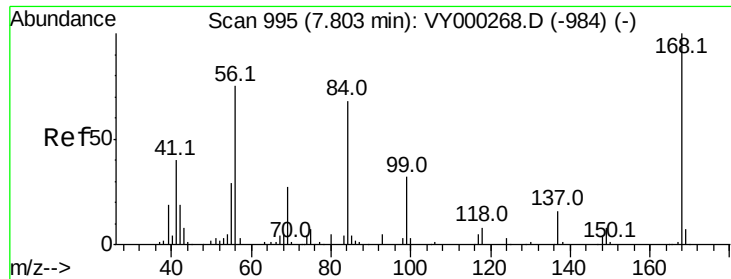
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY101719\
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Quant Title : SW846 8260
QLast Update : Thu Oct 17 02:03:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	95995	21.506	ug/l	99
94) Hexachlorobutadiene	15.11	225	50675	20.979	ug/l	97
95) Naphthalene	15.24	128	220950	22.181	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	85976	21.372	ug/l	98

(#) = 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: VY000336.D

Acq: 17 Oct 2019 11:16

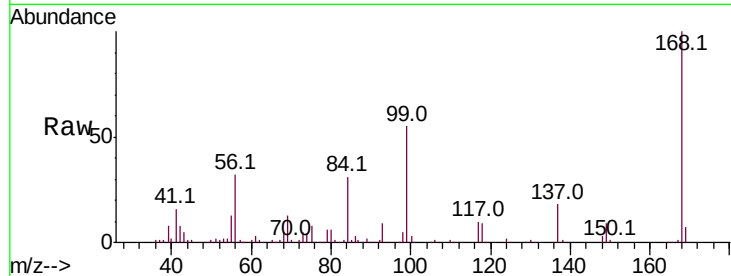
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 289094

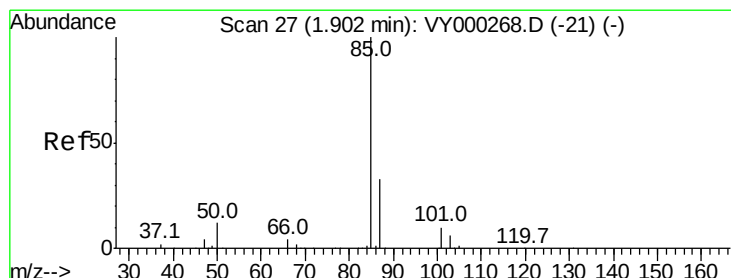
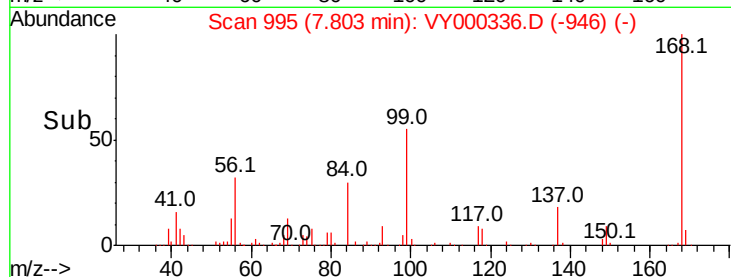
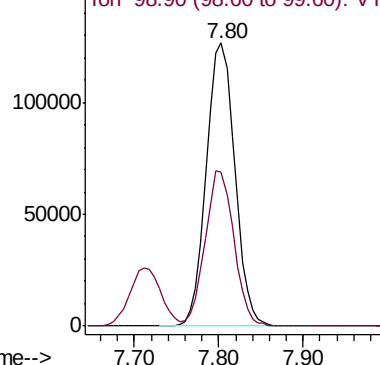
Ion Ratio Lower Upper

168 100

99 54.6 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000336.D (-946) (-)



#2

Dichlorodifluoromethane

Concen: 22.899 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000336.D

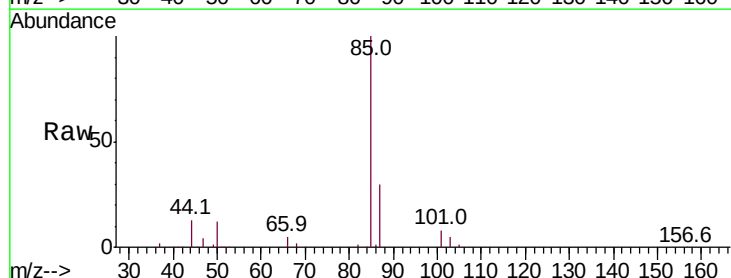
Acq: 17 Oct 2019 11:16

Tgt Ion: 85 Resp: 57686

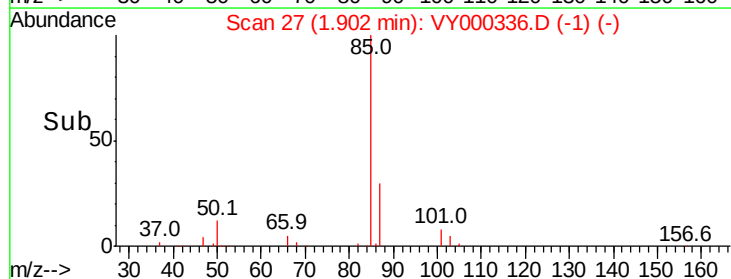
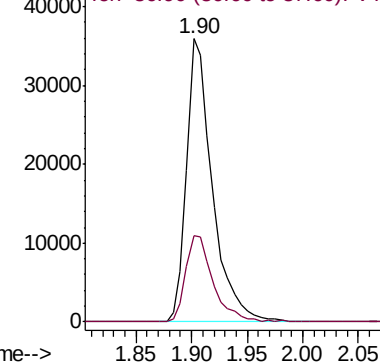
Ion Ratio Lower Upper

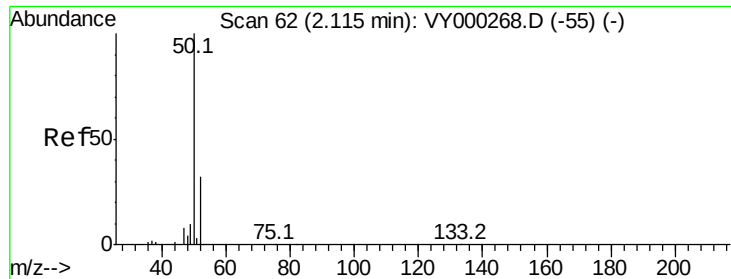
85 100

87 30.4 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VY000336.D (-1) (-)





#3

Chloromethane

Concen: 20.743 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

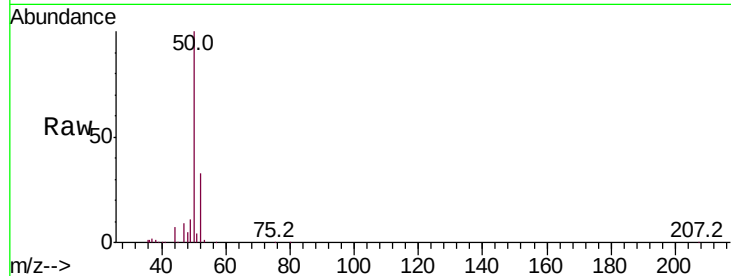
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 50 Resp: 73278

Ion Ratio Lower Upper

50 100

52 33.1 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.12

40000

30000

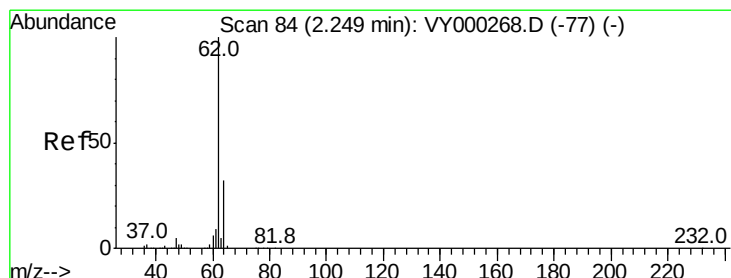
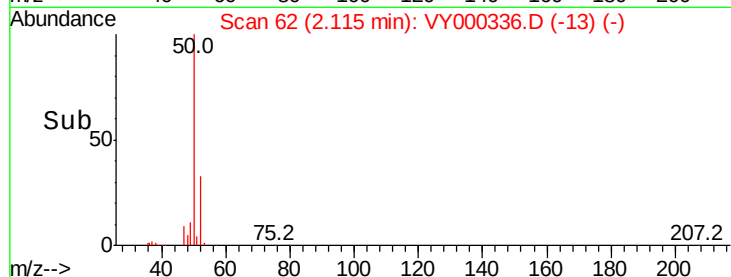
20000

10000

0

Time-->

2.05 2.10 2.15 2.20 2.25



#4

Vinyl Chloride

Concen: 21.559 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000336.D

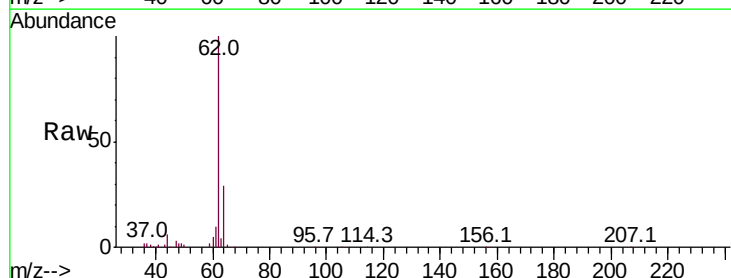
Acq: 17 Oct 2019 11:16

Tgt Ion: 62 Resp: 76863

Ion Ratio Lower Upper

62 100

64 28.6 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.26

50000

40000

30000

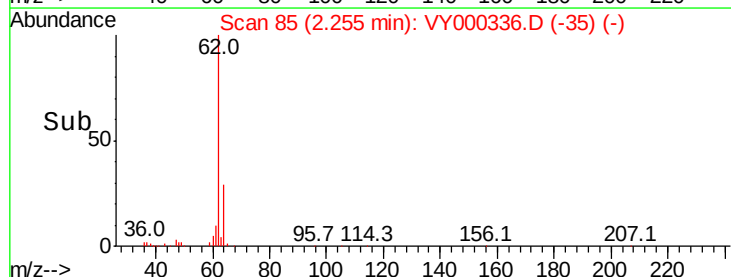
20000

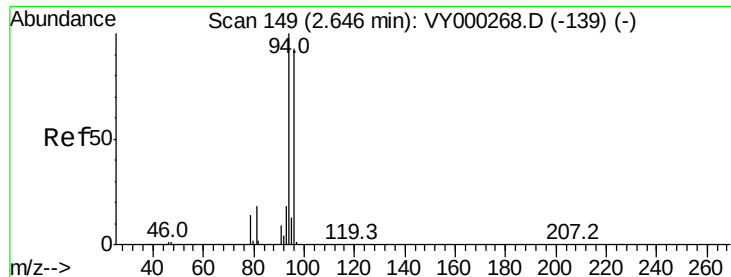
10000

0

Time-->

2.20 2.30 2.40





#5

Bromomethane

Concen: 21.461 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

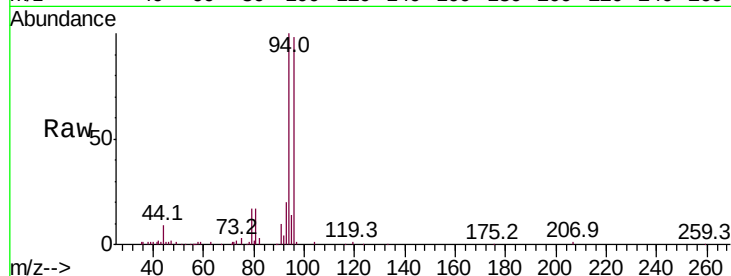
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 56705

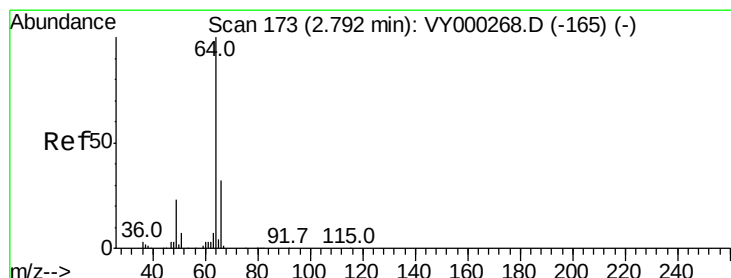
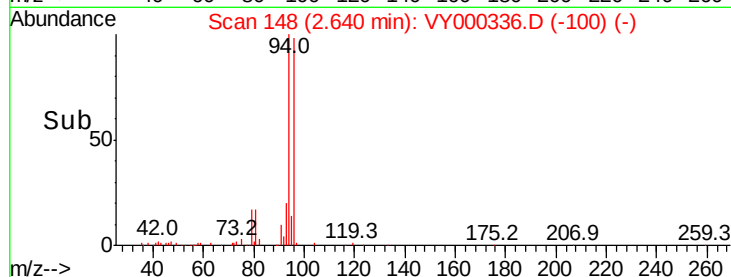
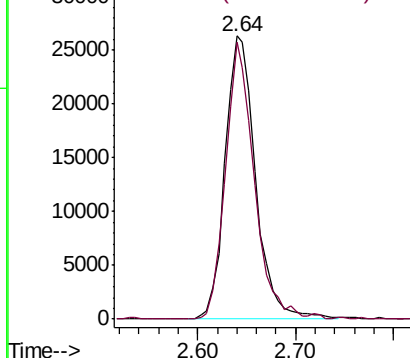
Ion Ratio Lower Upper

94 100

96 97.7 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: 21.044 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY000336.D

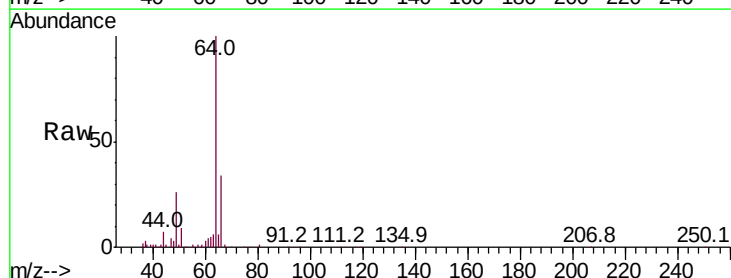
Acq: 17 Oct 2019 11:16

Tgt Ion: 64 Resp: 48409

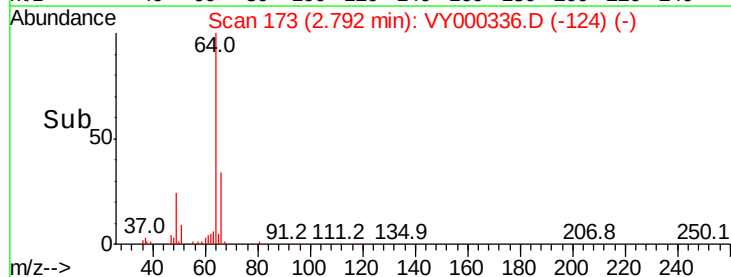
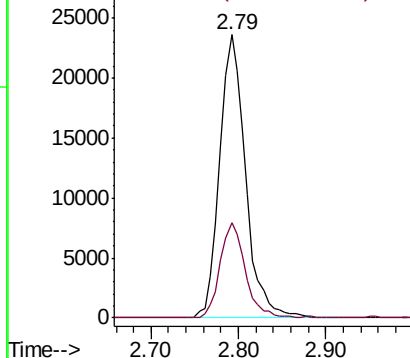
Ion Ratio Lower Upper

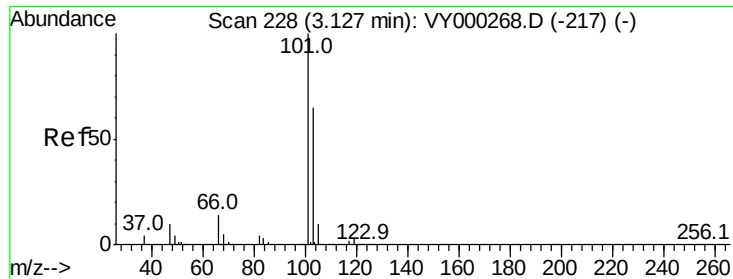
64 100

66 33.7 25.6 38.4



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



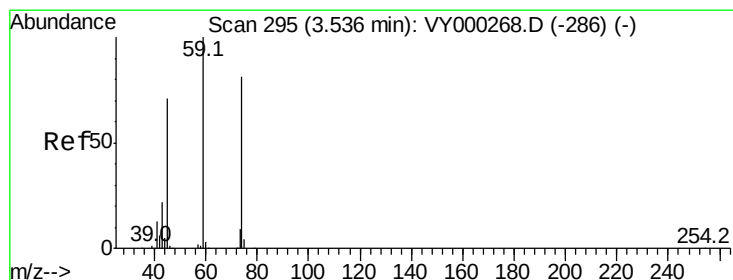
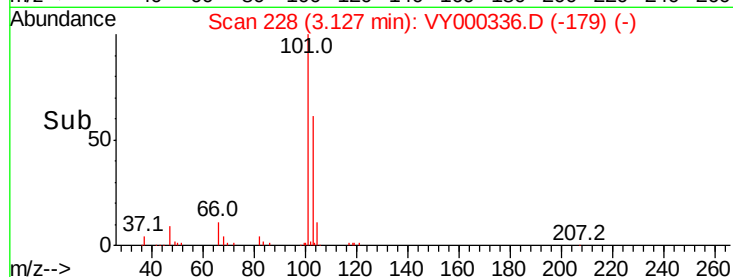
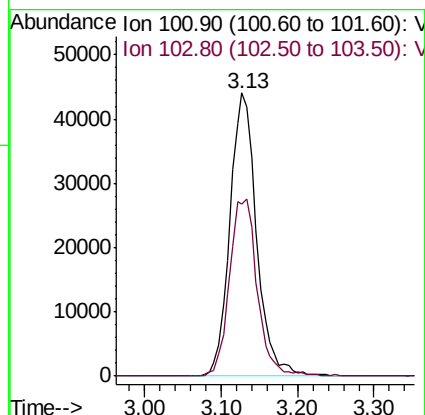
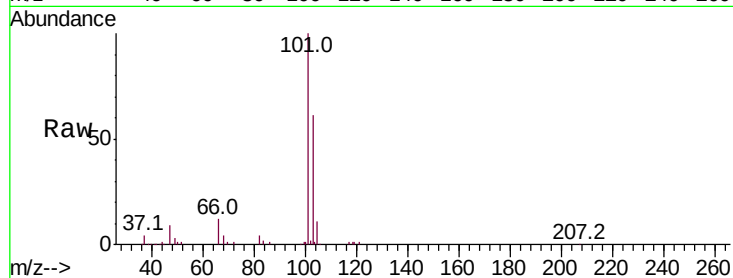


#7

Trichlorofluoromethane
 Concen: 21.797 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY000336.D
 Acq: 17 Oct 2019 11:16

Instrument :
 MSVOA_Y
 ClientSampleId :

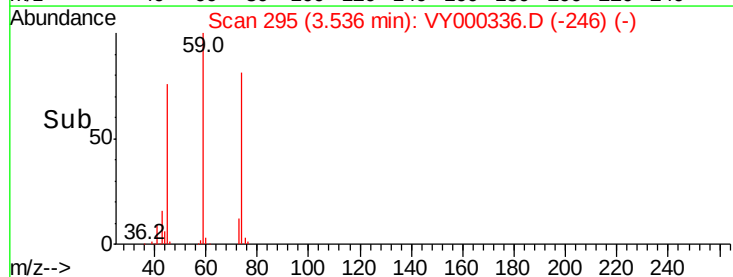
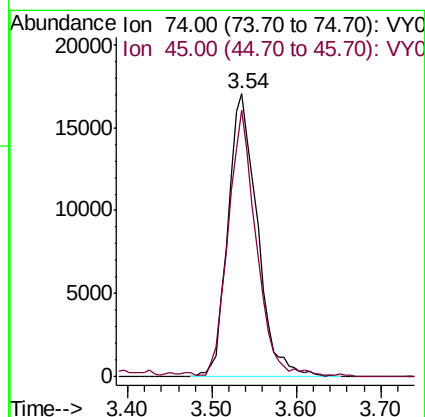
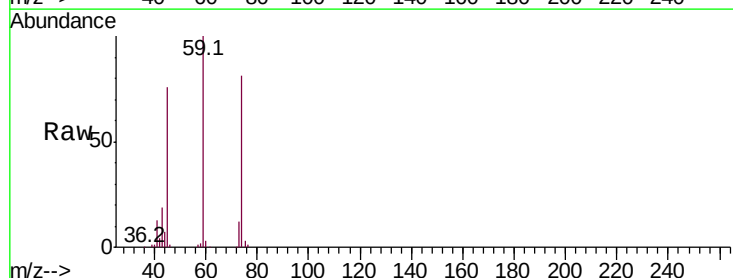
Tot Ion:101 Resp: 106301
 Ion Ratio Lower Upper
 101 100
 103 60.9 52.2 78.4

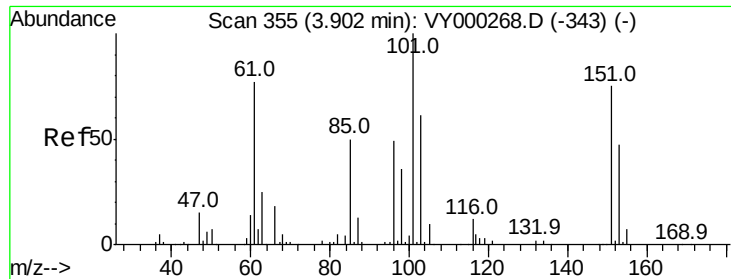


#8

Diethyl Ether
 Concen: 23.498 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.00 min
 Lab File: VY000336.D
 Acq: 17 Oct 2019 11:16

Tgt Ion: 74 Resp: 40483
 Ion Ratio Lower Upper
 74 100
 45 90.4 47.1 141.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.972 ug/l

RT: 3.90 min Scan# 354

Delta R.T. -0.01 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

Instrument :

MSVOA_Y

ClientSampled :

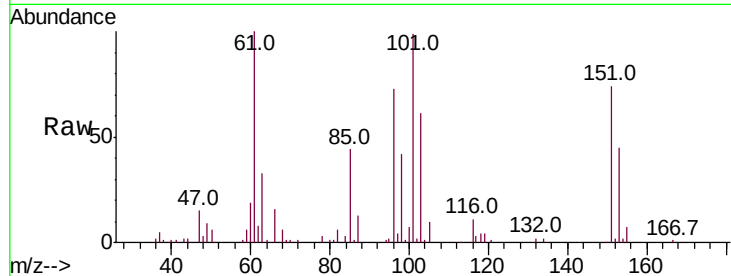
Tot Ion:101 Resp: 62025

Ion Ratio Lower Upper

101 100

85 47.1 36.6 55.0

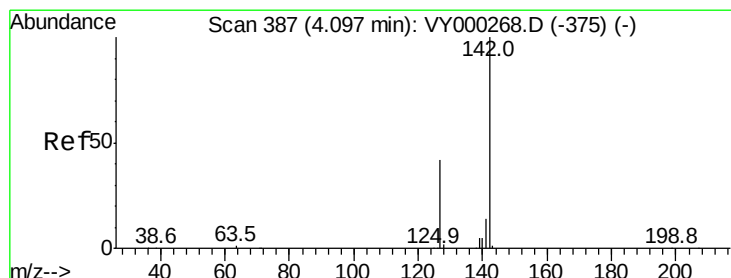
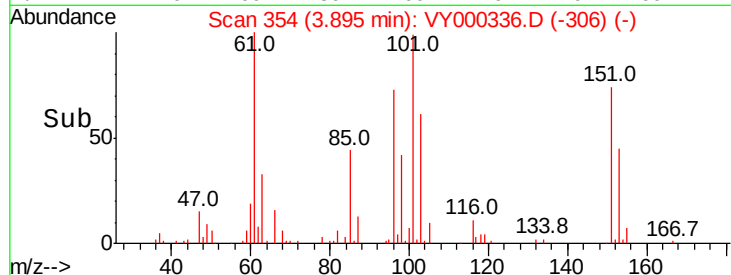
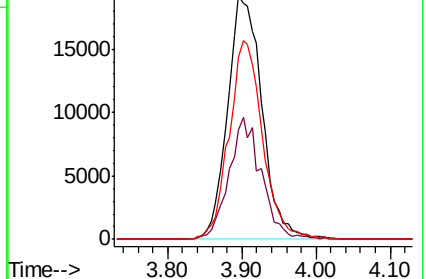
151 79.8 63.1 94.7



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: 18.791 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

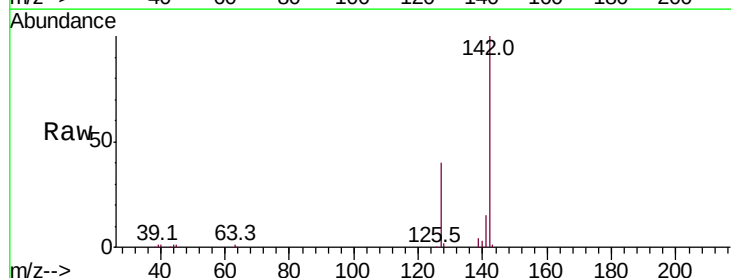
Tgt Ion:142 Resp: 75964

Ion Ratio Lower Upper

142 100

127 41.8 33.9 50.9

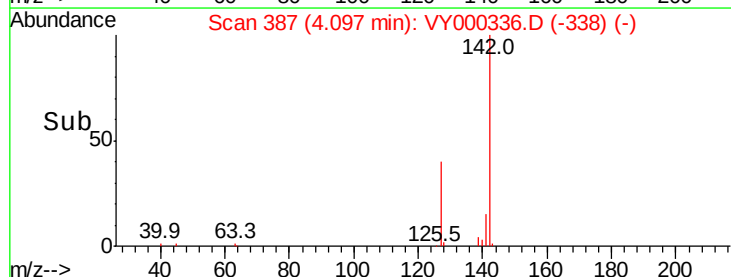
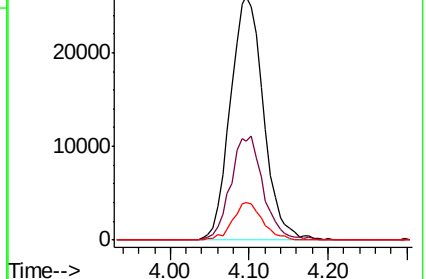
141 13.9 11.2 16.8

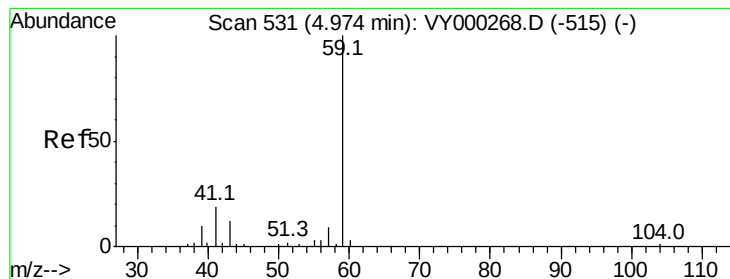


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



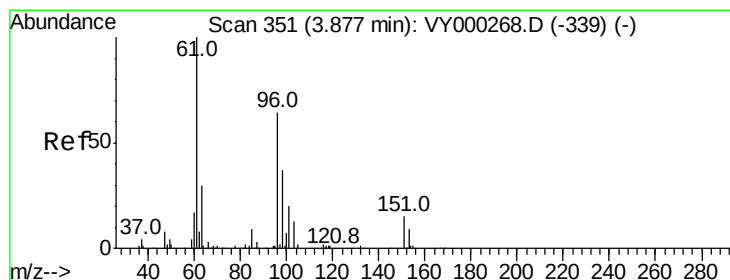
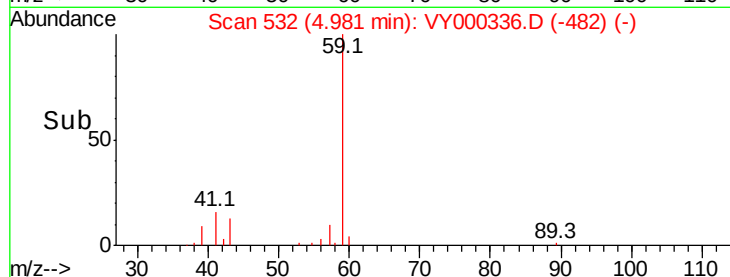
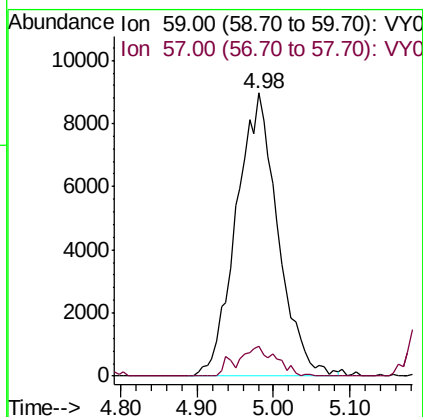
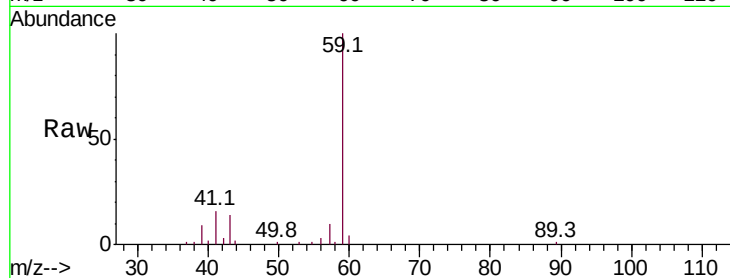


#11

Tert butyl alcohol
Concen: 106.279 ug/l
RT: 4.98 min Scan# 532
Delta R.T. 0.01 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

Instrument :
MSVOA_Y
ClientSampleId :

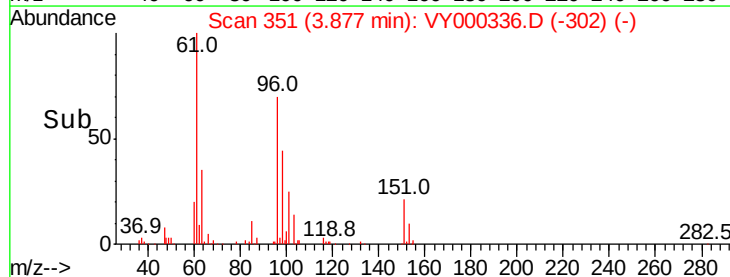
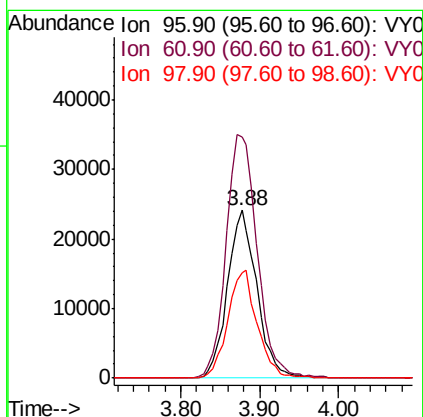
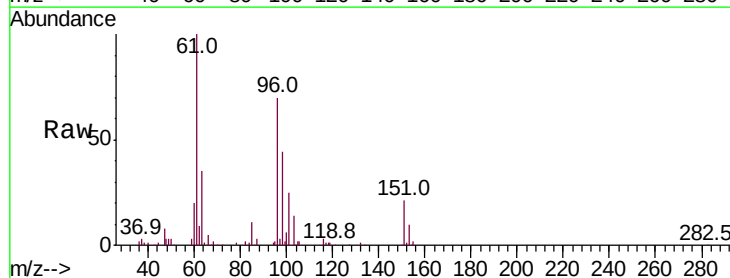
Tot Ion: 59 Resp: 33917
Ion Ratio Lower Upper
59 100
57 8.0 8.2 12.2#

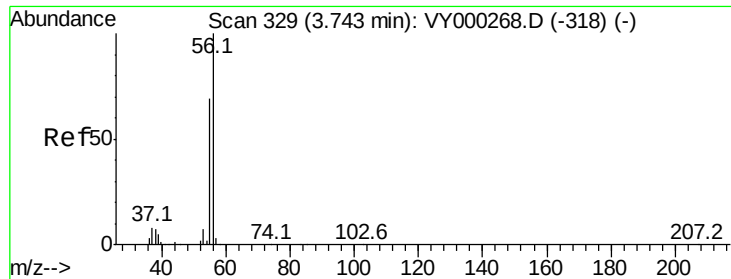


#12

1,1-Dichloroethene
Concen: 21.528 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

Tgt Ion: 96 Resp: 62858
Ion Ratio Lower Upper
96 100
61 143.7 125.8 188.6
98 63.1 46.2 69.2





#13

Acrolein

Concen: 99.271 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

Instrument :

MSVOA_Y

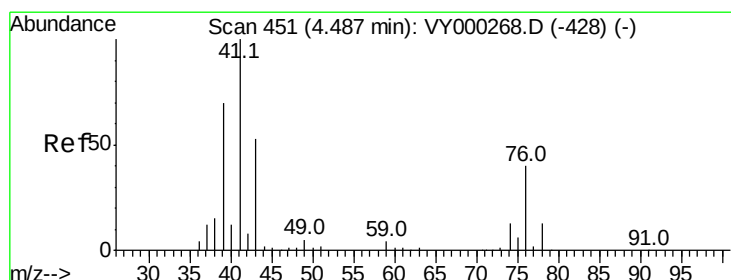
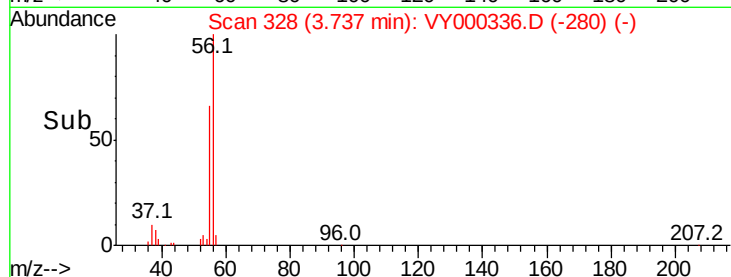
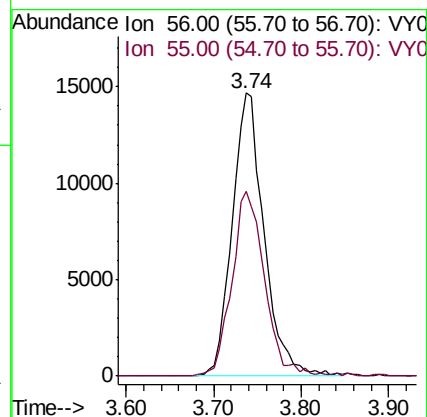
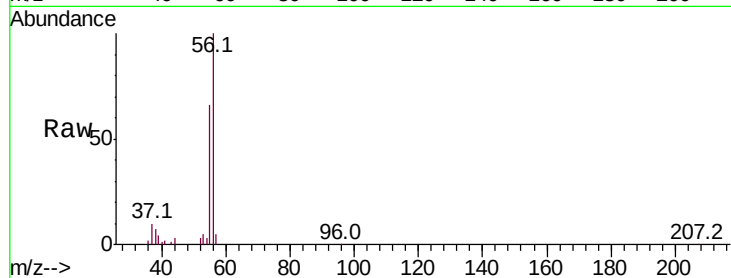
ClientSampleId :

Tot Ion: 56 Resp: 37142

Ion Ratio Lower Upper

56 100

55 66.8 55.7 83.5



#14

Allyl chloride

Concen: 21.656 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

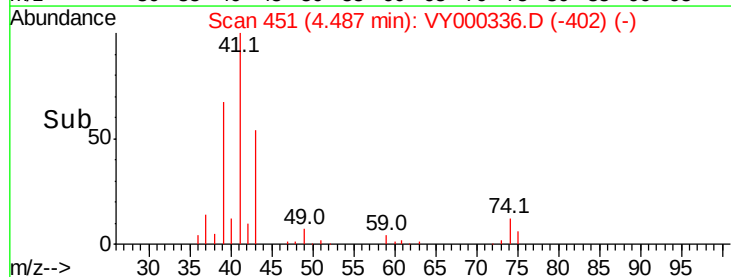
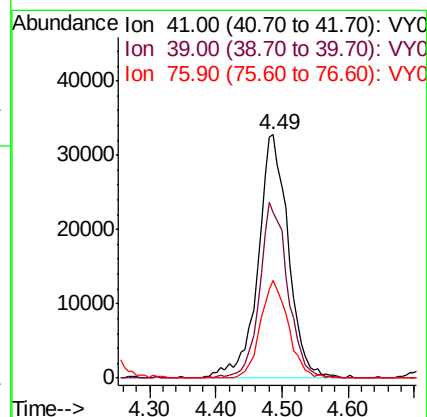
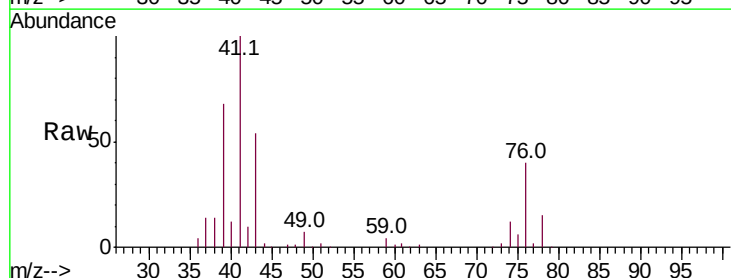
Tgt Ion: 41 Resp: 104784

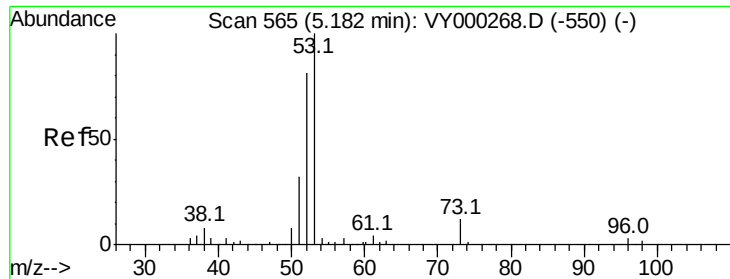
Ion Ratio Lower Upper

41 100

39 66.9 54.0 81.0

76 37.0 30.7 46.1





#15

Acrylonitrile

Concen: 106.298 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

Instrument :

MSVOA_Y

ClientSampleId :

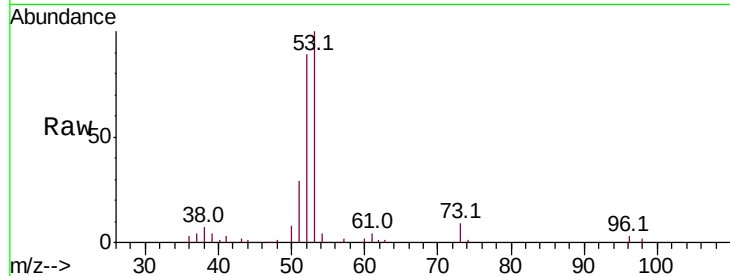
Tot Ion: 53 Resp: 102503

Ion Ratio Lower Upper

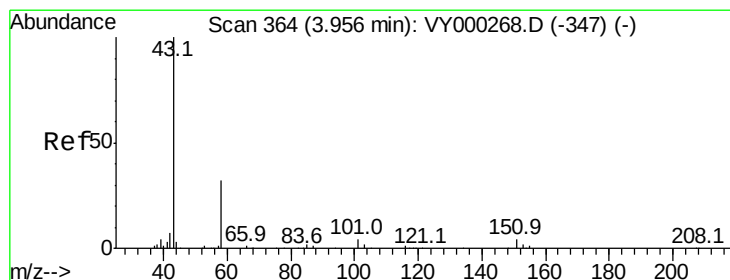
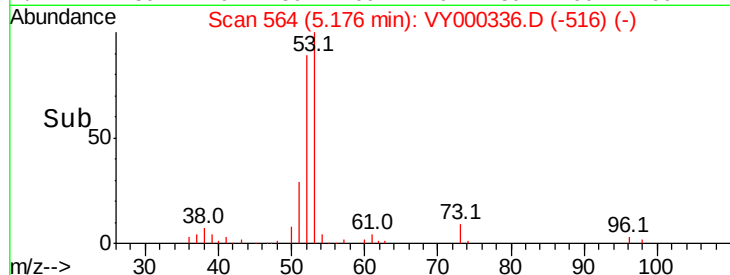
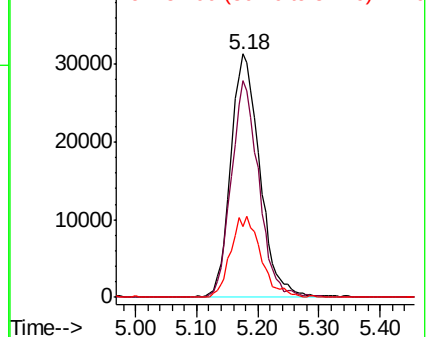
53 100

52 83.9 62.9 94.3

51 34.4 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: 86.920 ug/l

RT: 3.96 min Scan# 364

Delta R.T. 0.00 min

Lab File: VY000336.D

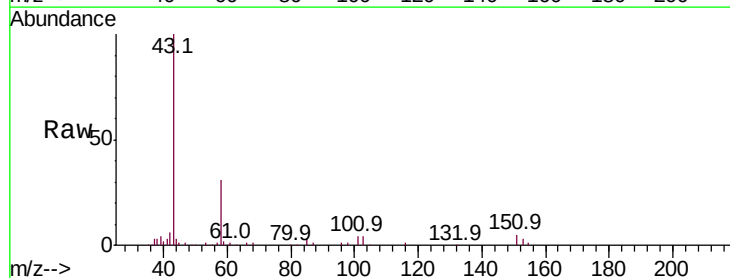
Acq: 17 Oct 2019 11:16

Tgt Ion: 43 Resp: 85838

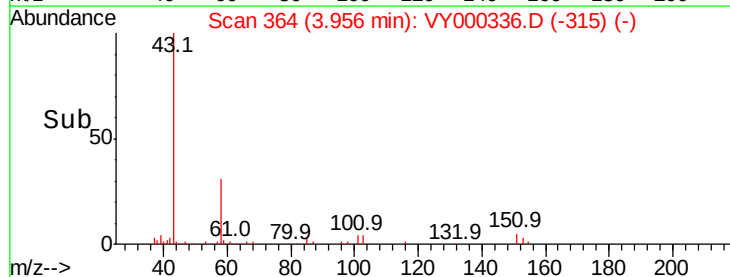
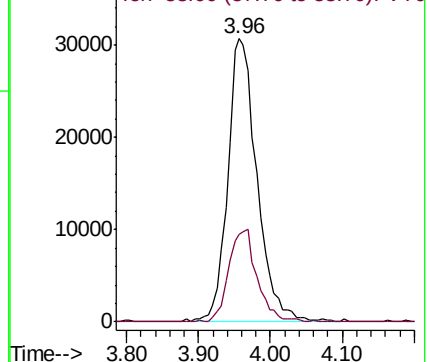
Ion Ratio Lower Upper

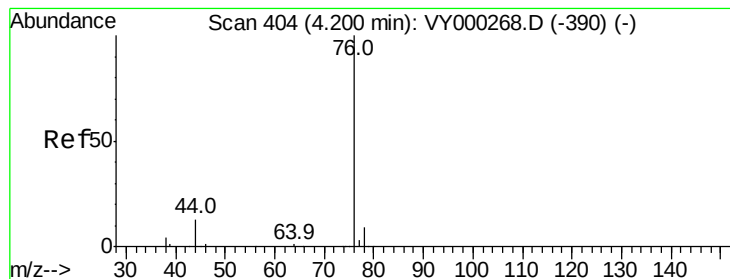
43 100

58 30.9 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: 20.579 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

Instrument :

MSVOA_Y

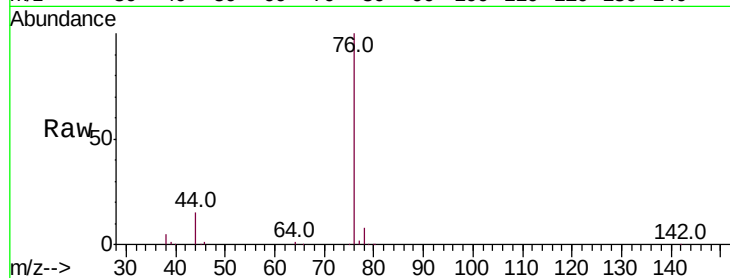
ClientSampleId :

Tot Ion: 76 Resp: 189187

Ion Ratio Lower Upper

76 100

78 8.5 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VY000336.D (-355) (-)

Ion 77.90 (77.60 to 78.60): VY000336.D (-355) (-)

4.20

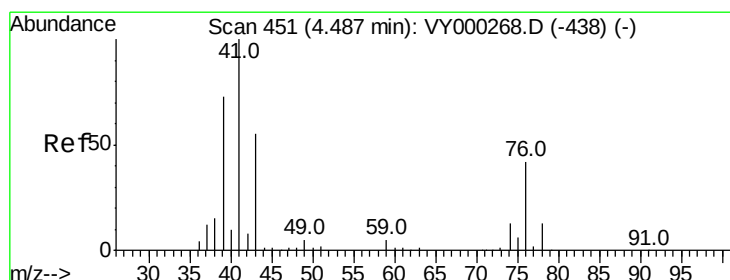
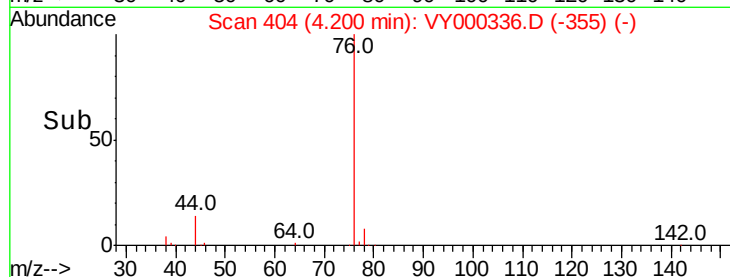
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 21.475 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY000336.D

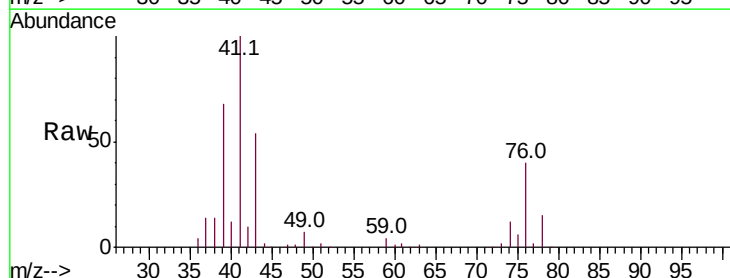
Acq: 17 Oct 2019 11:16

Tgt Ion: 43 Resp: 52693

Ion Ratio Lower Upper

43 100

74 22.7 20.4 30.6



Abundance Ion 43.00 (42.70 to 43.70): VY000336.D (-402) (-)

Ion 74.00 (73.70 to 74.70): VY000336.D (-402) (-)

4.49

20000

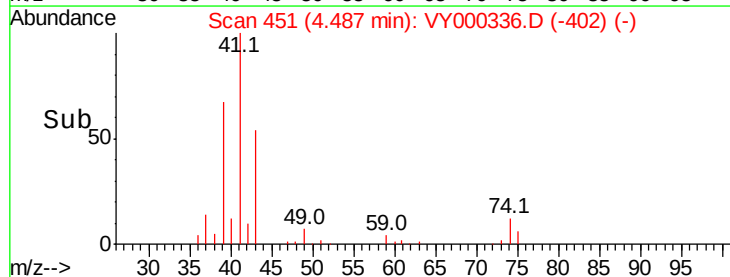
15000

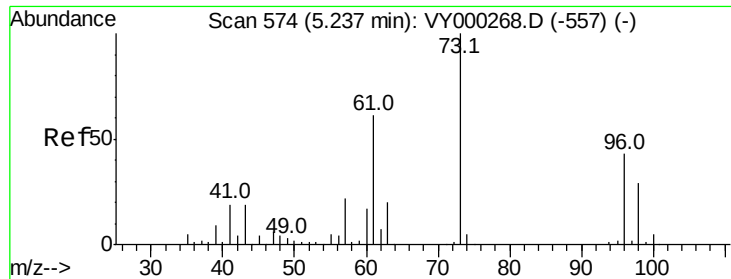
10000

5000

0

Time-->

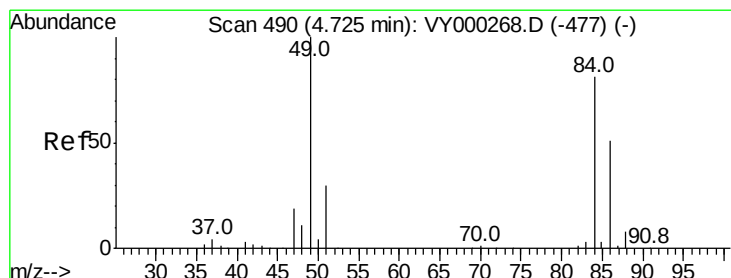
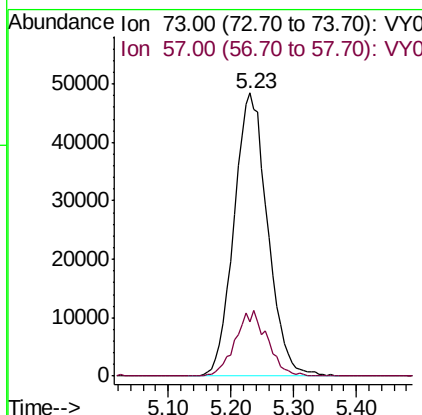
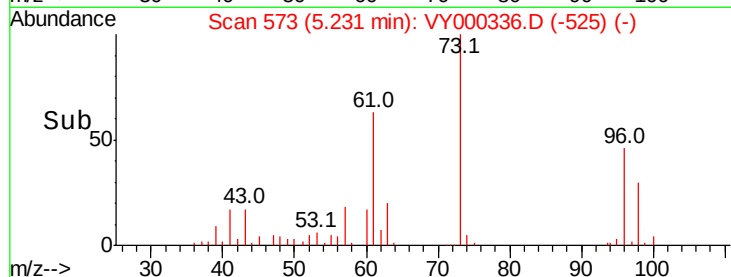
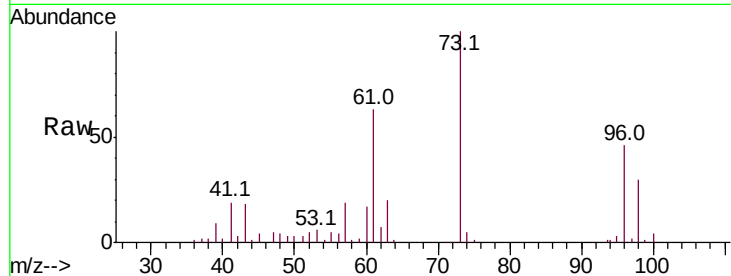




#19
Methyl tert-butyl Ether
Concen: 22.059 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

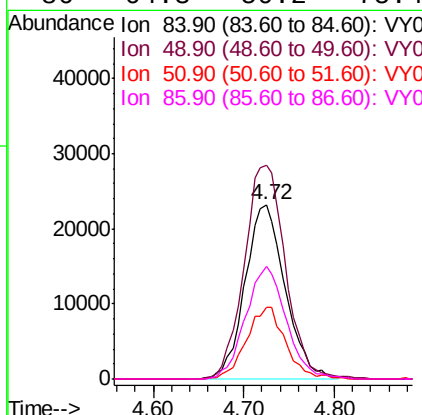
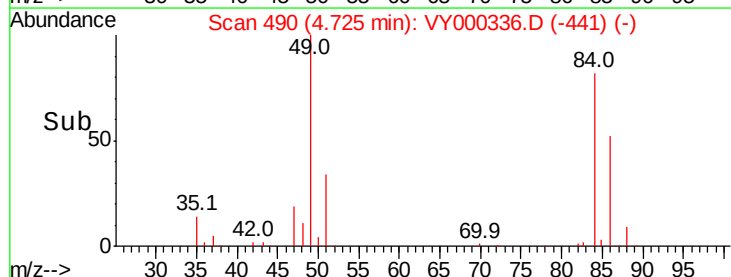
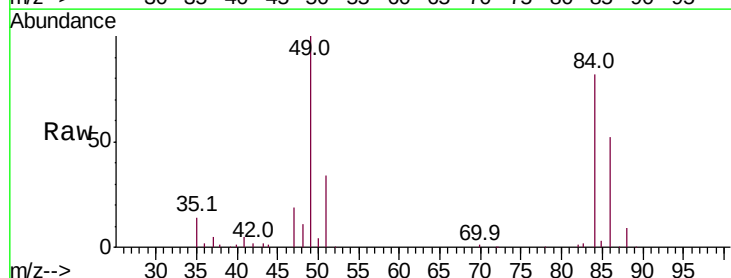
Instrument :
MSVOA_Y
ClientSampled :

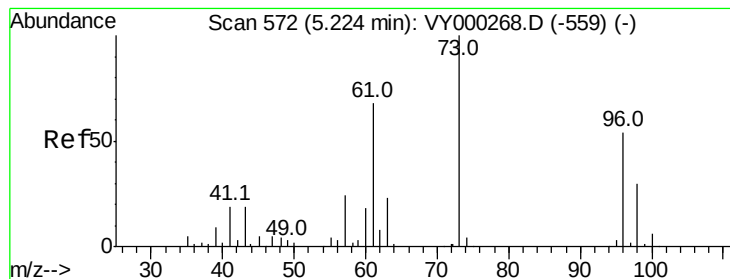
Tot Ion: 73 Resp: 179292
Ion Ratio Lower Upper
73 100
57 19.1 17.4 26.0



#20
Methylene Chloride
Concen: 17.857 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

Tgt Ion: 84 Resp: 71046
Ion Ratio Lower Upper
84 100
49 122.6 99.0 148.4
51 41.2 29.3 43.9
86 64.3 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 20.768 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.00 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

Instrument :
MSVOA_Y
ClientSampled :

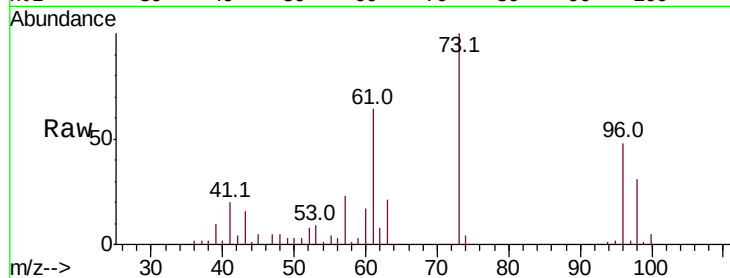
Tot Ion: 96 Resp: 69571

Ion Ratio Lower Upper

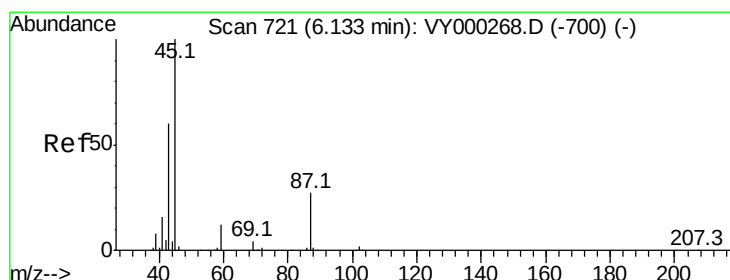
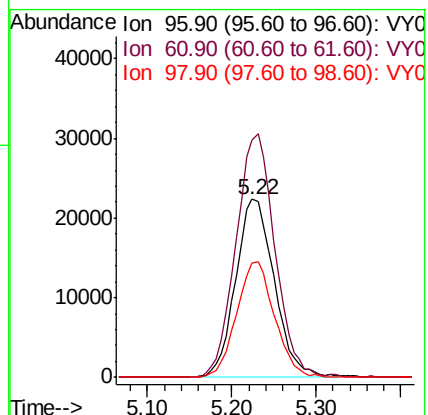
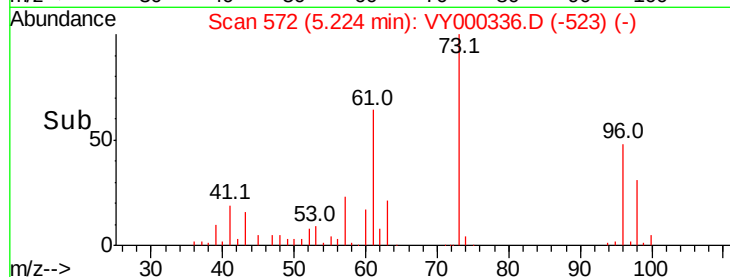
96 100

61 132.7 100.4 150.6

98 63.9 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: 21.696 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.00 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

Tgt Ion: 45 Resp: 222032

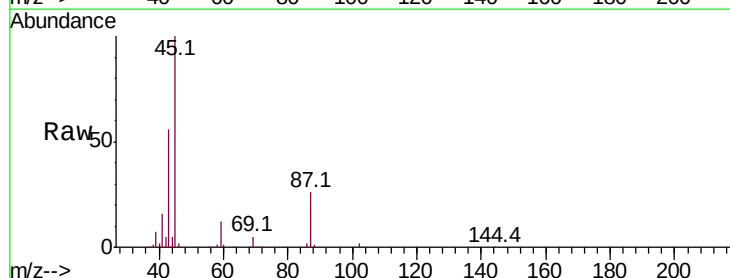
Ion Ratio Lower Upper

45 100

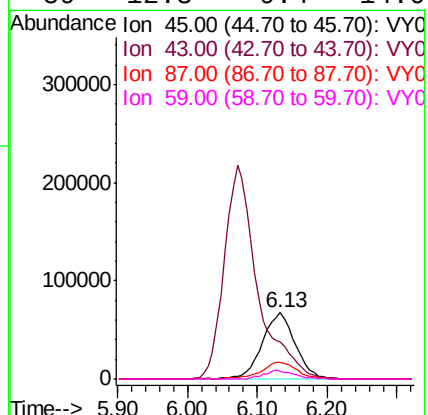
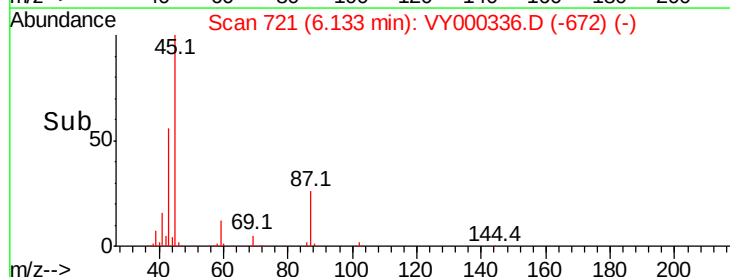
43 55.4 48.5 72.7

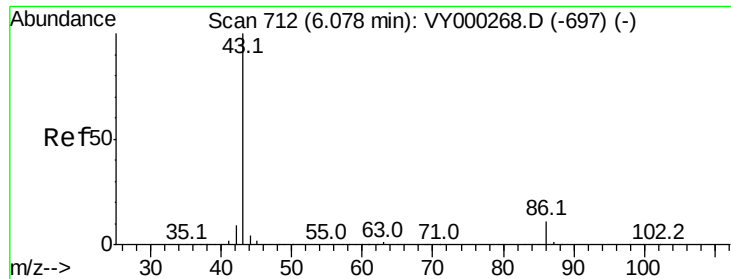
87 25.6 21.5 32.3

59 12.3 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: 107.890 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

Instrument :

MSVOA_Y

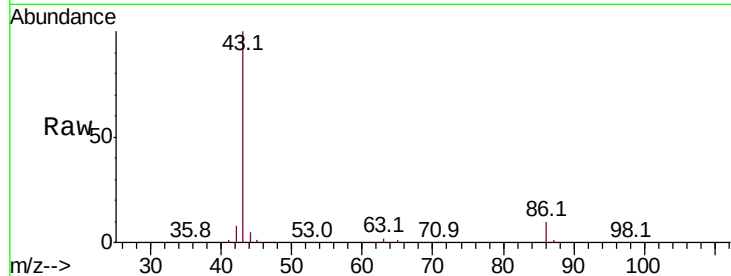
ClientSampleId :

Tot Ion: 43 Resp: 720314

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

250000

200000

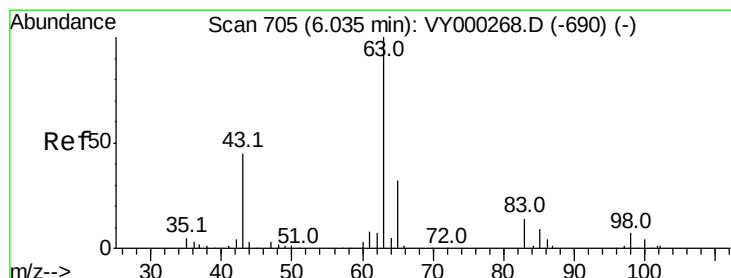
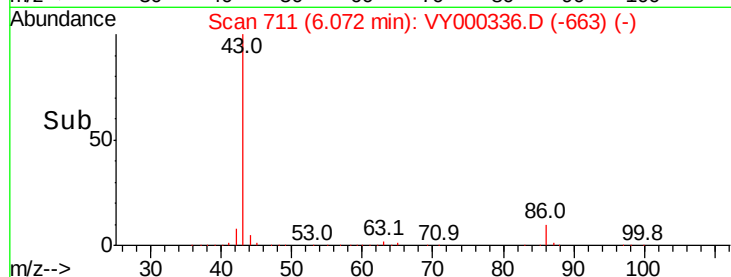
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.535 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

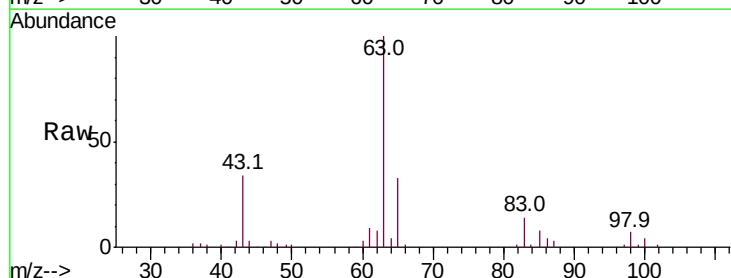
Tgt Ion: 63 Resp: 120294

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

100 4.3 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

6.03

50000

40000

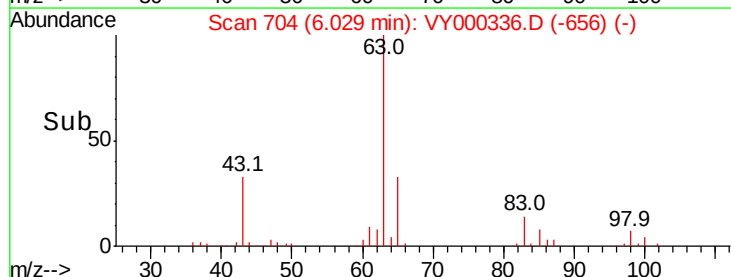
30000

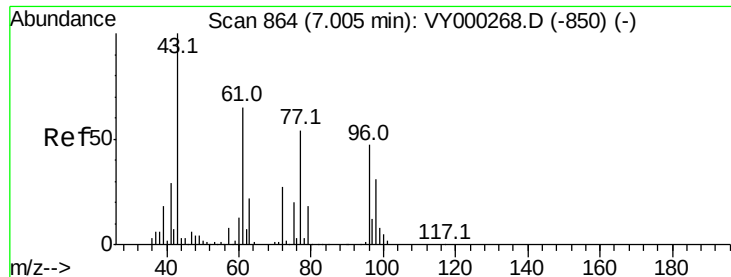
20000

10000

0

Time-->





#25

2-Butanone

Concen: 103.850 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.00 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

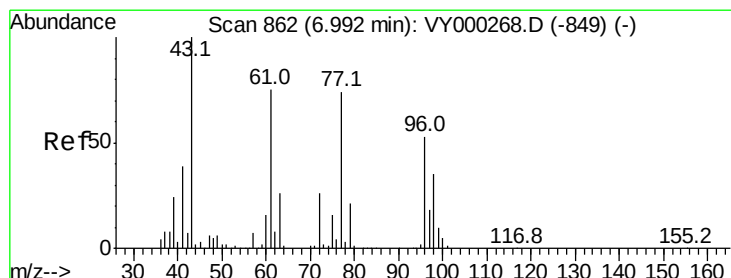
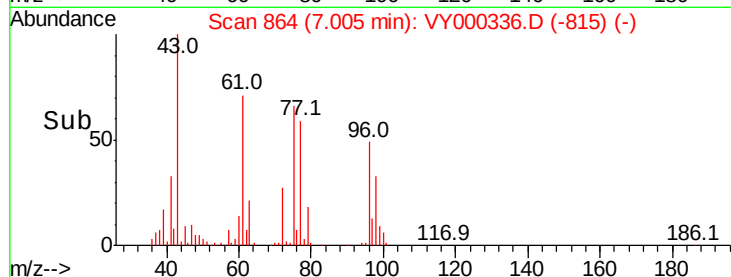
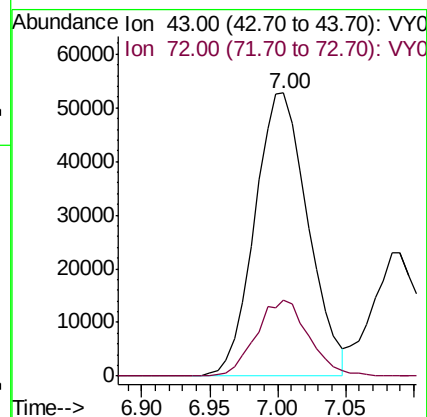
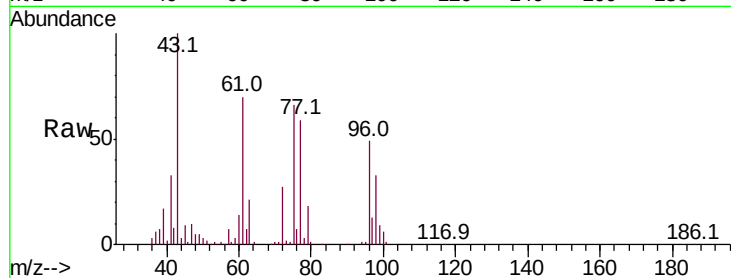
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 144471

Ion Ratio Lower Upper

43 100

72 26.9 21.4 32.2



#26

2,2-Dichloropropane

Concen: 21.554 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000336.D

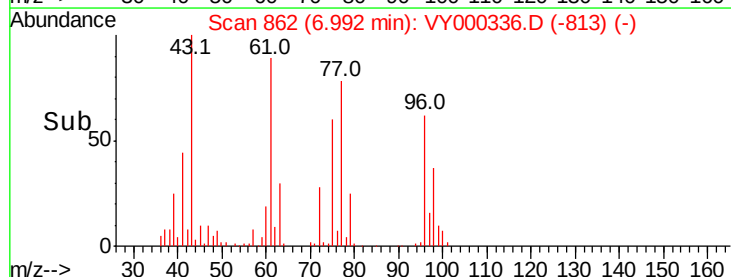
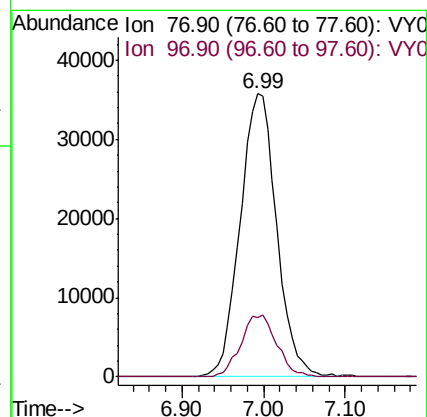
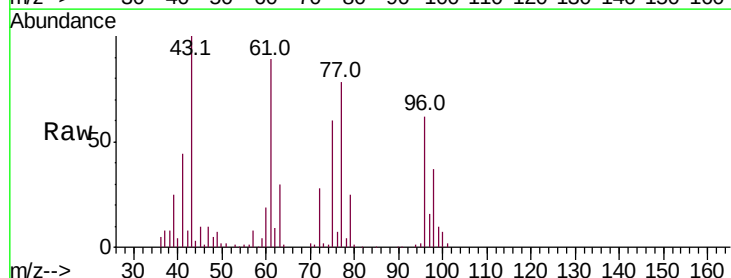
Acq: 17 Oct 2019 11:16

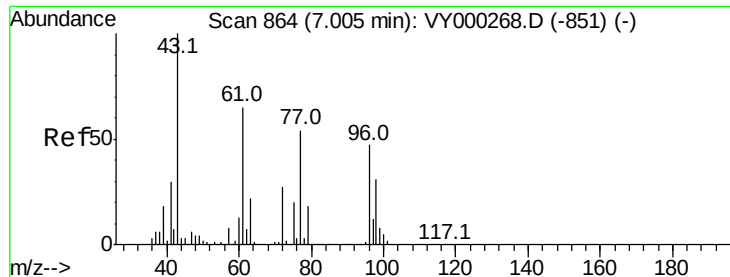
Tgt Ion: 77 Resp: 110946

Ion Ratio Lower Upper

77 100

97 21.5 11.6 34.7



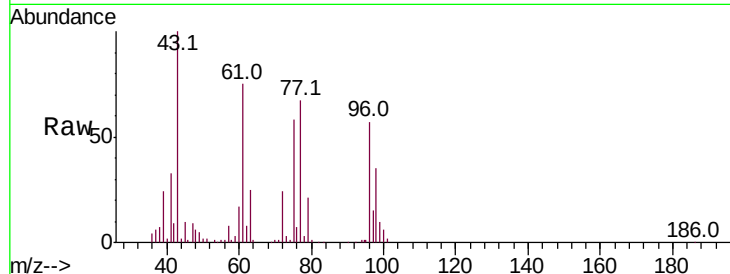


#27

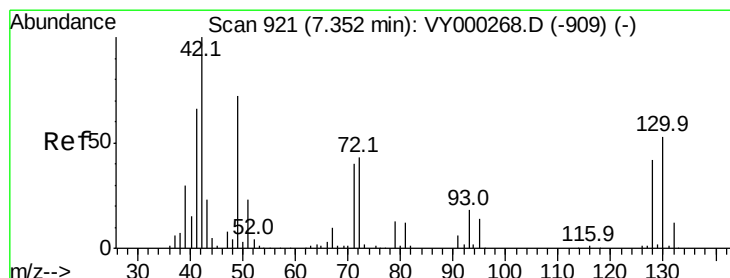
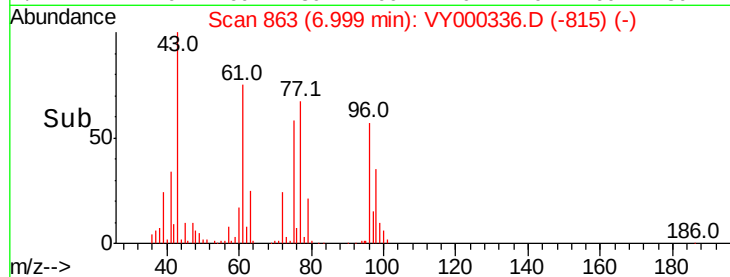
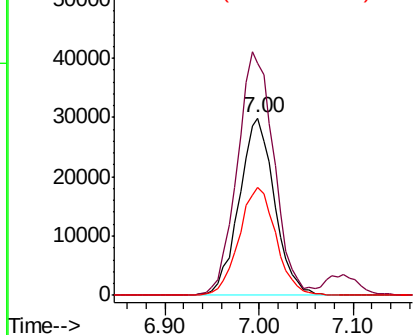
cis-1,2-Dichloroethene
Concen: 21.543 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 96 Resp: 78088
Ion Ratio Lower Upper
96 100
61 143.4 0.0 289.8
98 63.7 0.0 131.8



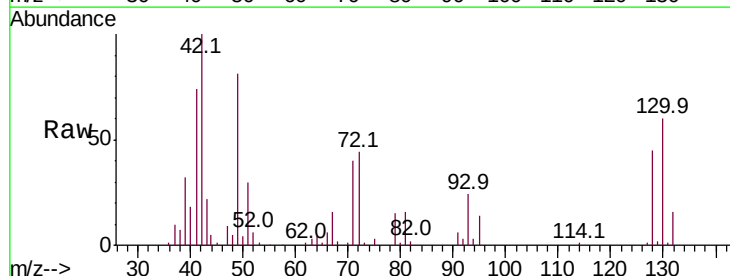
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



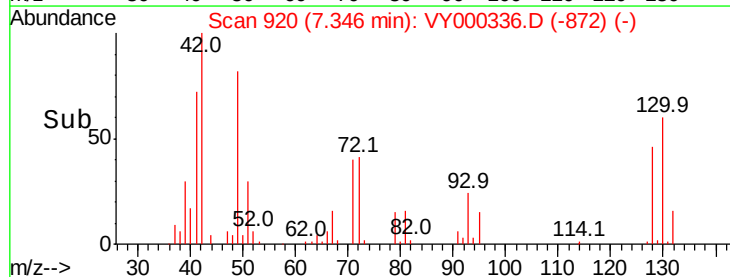
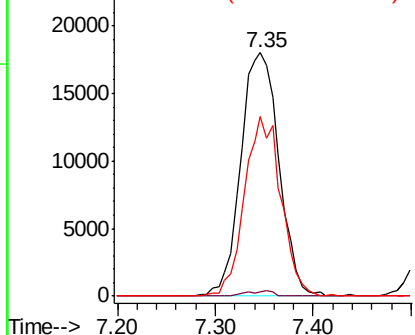
#28

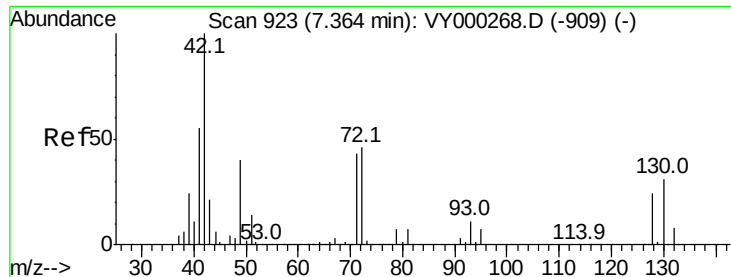
Bromochloromethane
Concen: 20.278 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

Tgt Ion: 49 Resp: 48626
Ion Ratio Lower Upper
49 100
129 1.6 0.0 4.0
130 70.2 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

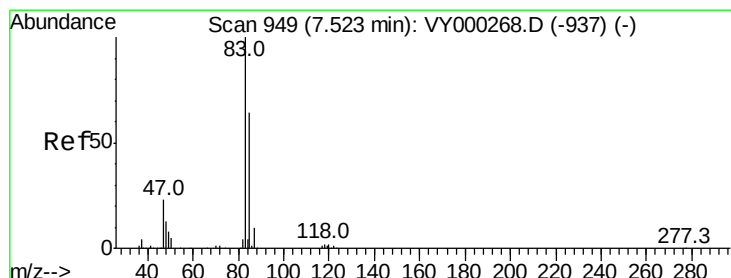
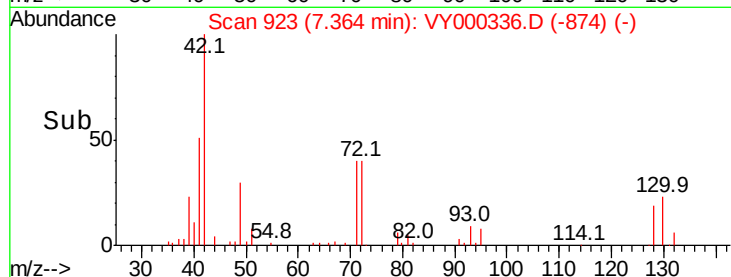
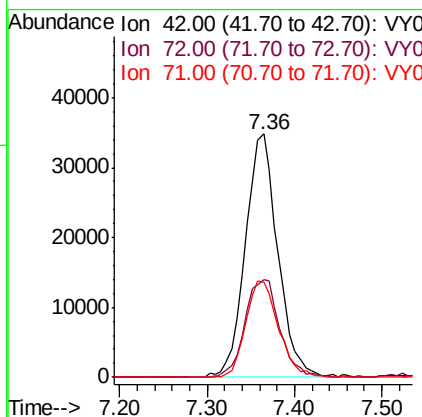
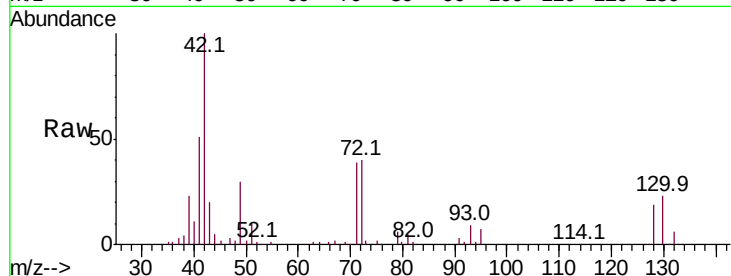




#29
Tetrahydrofuran
Concen: 106.682 ug/l
RT: 7.36 min Scan# 923
Delta R.T. 0.00 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

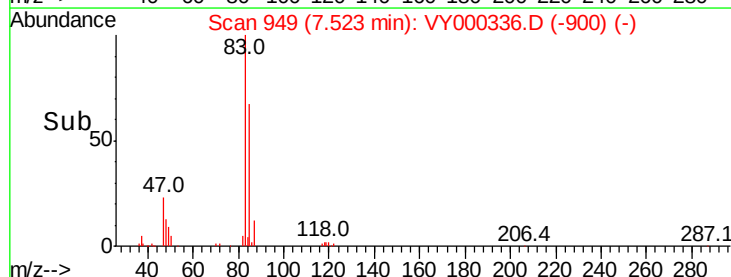
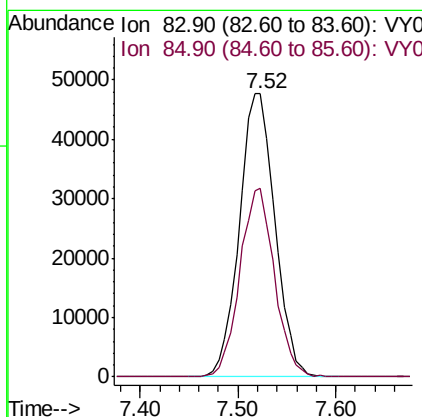
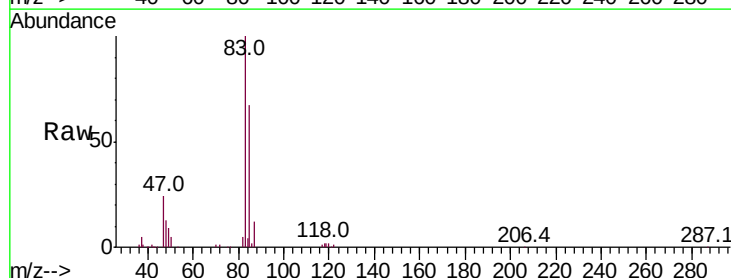
Instrument :
MSVOA_Y
ClientSampled :

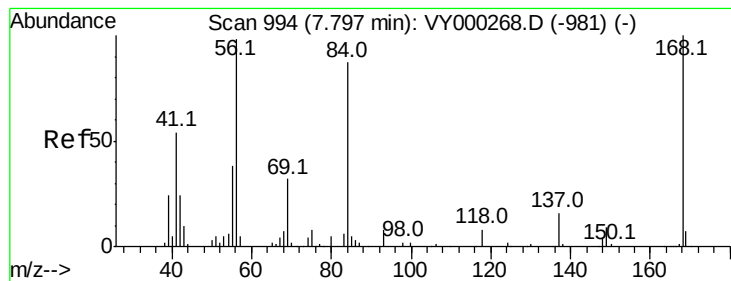
Tot Ion	Ratio	Lower	Upper
42	100		
72	43.2	34.5	51.7
71	40.0	32.7	49.1



#30
Chloroform
Concen: 21.355 ug/l
RT: 7.52 min Scan# 949
Delta R.T. 0.00 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.6	51.4	77.2





#31

Cyclohexane

Concen: 21.049 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

Instrument :
MSVOA_Y
ClientSampled :

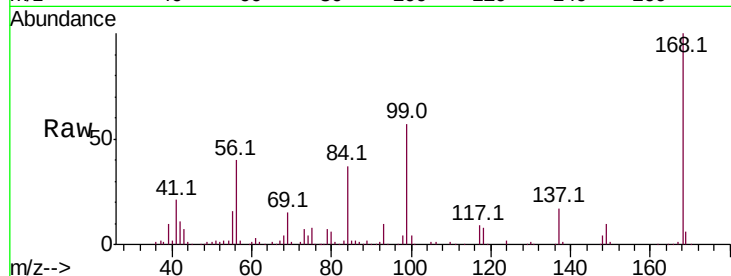
Tot Ion: 56 Resp: 122803

Ion Ratio Lower Upper

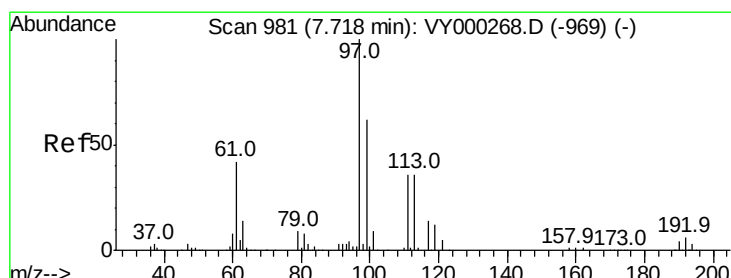
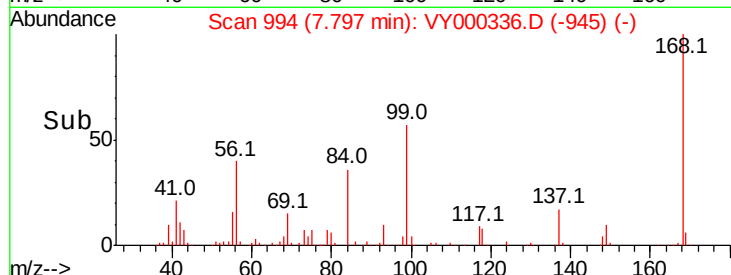
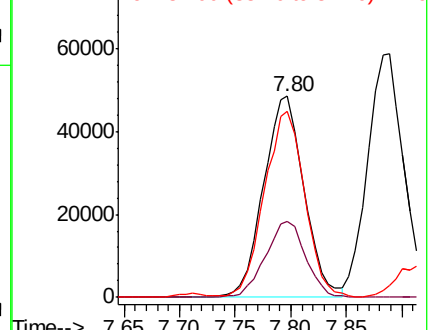
56 100

69 37.7 26.3 39.5

84 90.4 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: 21.003 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.01 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

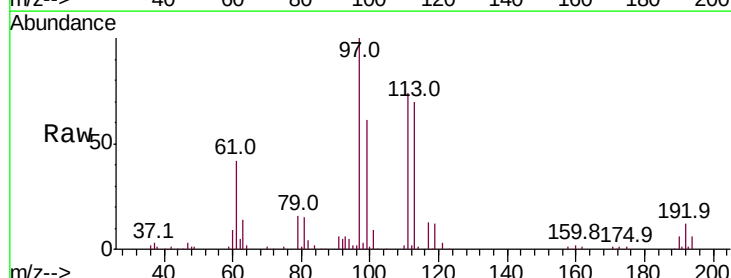
Tgt Ion: 97 Resp: 105039

Ion Ratio Lower Upper

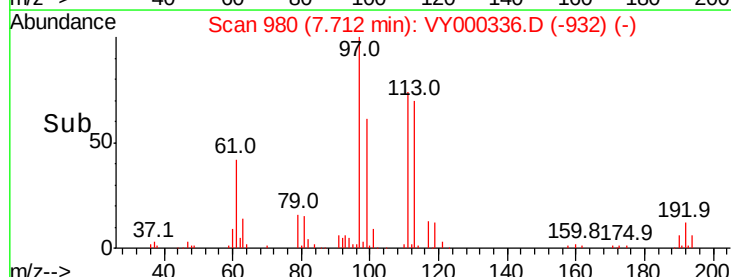
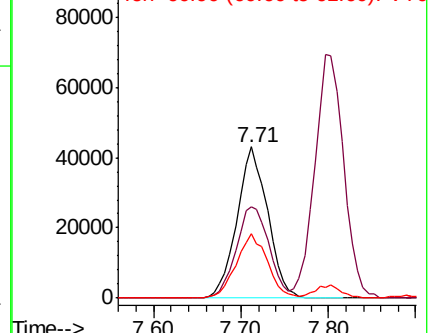
97 100

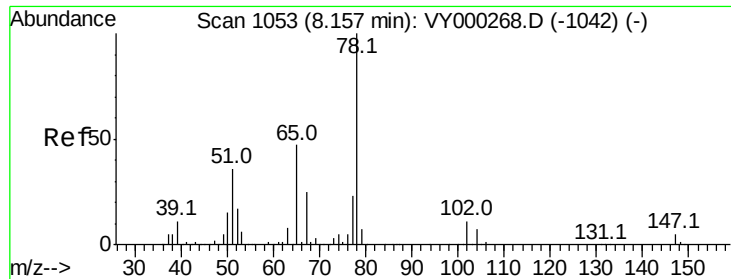
99 64.7 51.7 77.5

61 43.3 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

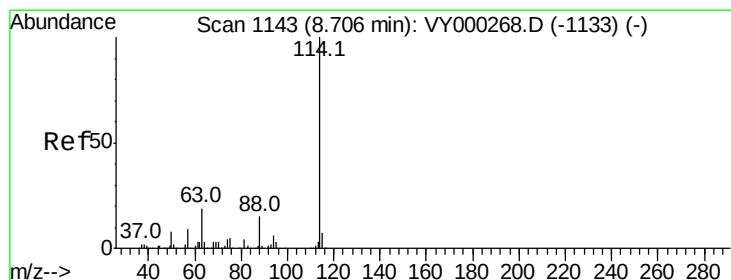
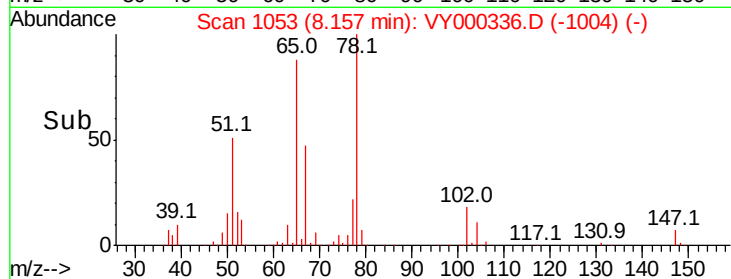
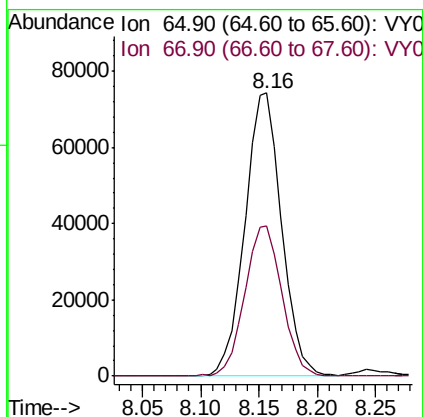
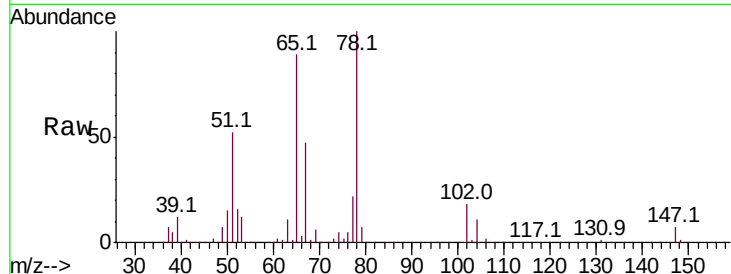




#33
 1,2-Dichloroethane-d4
 Concen: 53.330 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VY000336.D
 Acq: 17 Oct 2019 11:16

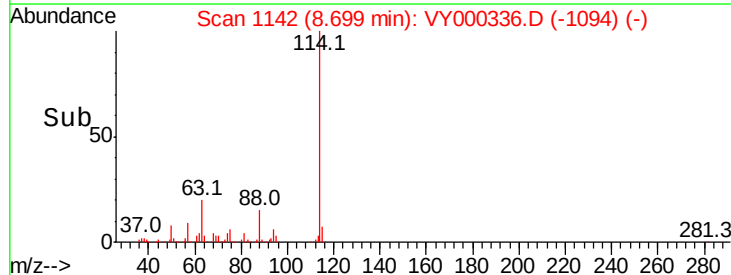
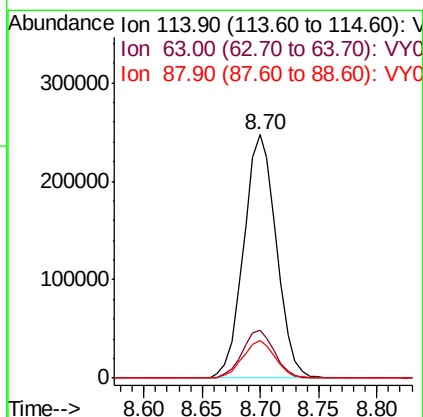
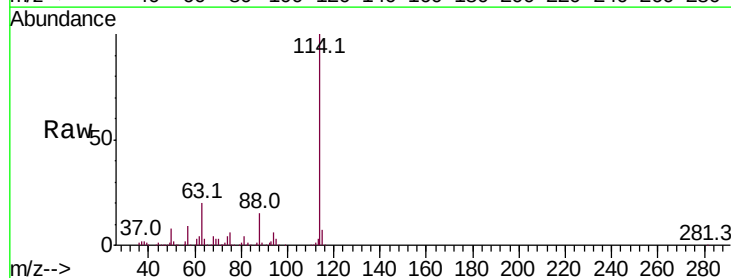
Instrument :
 MSVOA_Y
 ClientSampled :

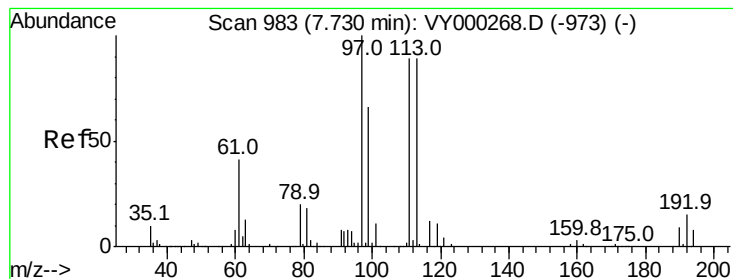
Tot Ion: 65 Resp: 162628
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000336.D
 Acq: 17 Oct 2019 11:16

Tgt Ion: 114 Resp: 483132
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 37.2
 88 15.2 0.0 30.2





#35

Dibromofluoromethane

Concen: 50.730 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.00 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

Instrument :

MSVOA_Y

ClientSampleId :

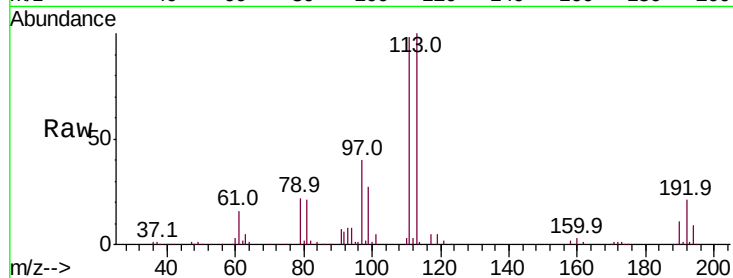
Tot Ion:113 Resp: 147842

Ion Ratio Lower Upper

113 100

111 103.1 81.6 122.4

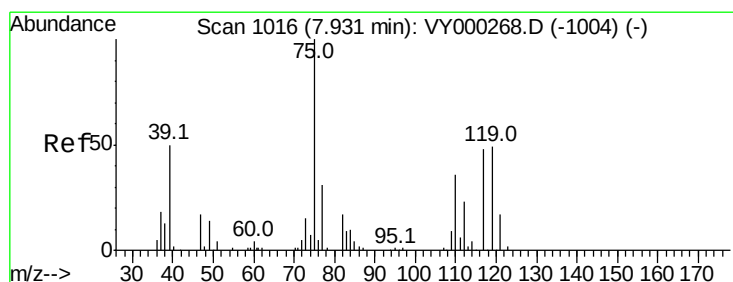
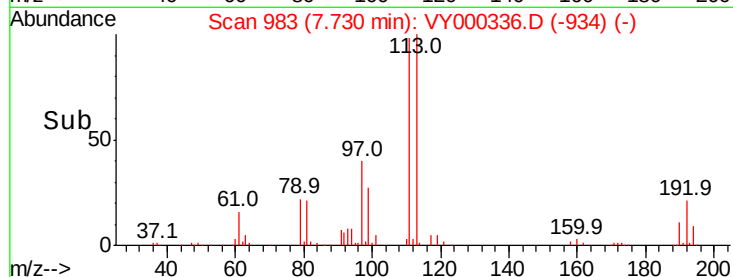
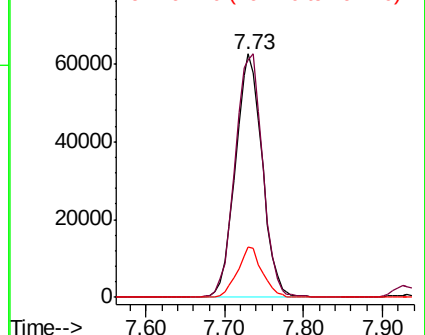
192 19.2 15.3 22.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.124 ug/l

RT: 7.93 min Scan# 1015

Delta R.T. -0.01 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

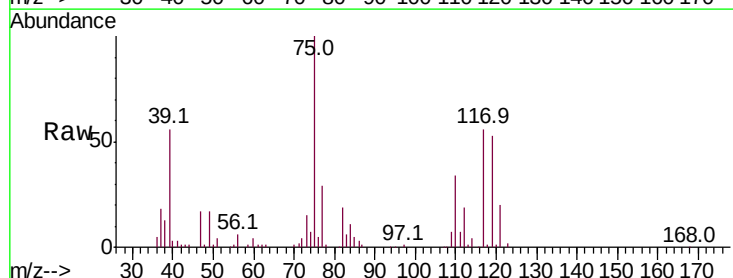
Tgt Ion: 75 Resp: 95190

Ion Ratio Lower Upper

75 100

110 36.5 18.4 55.4

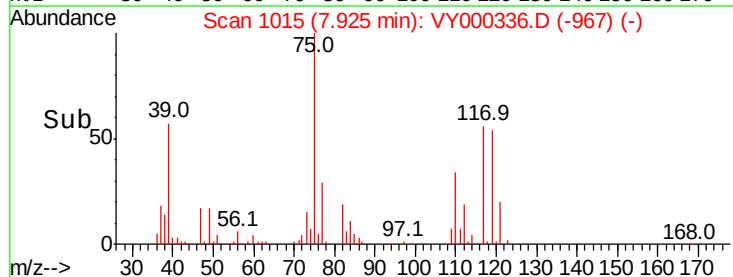
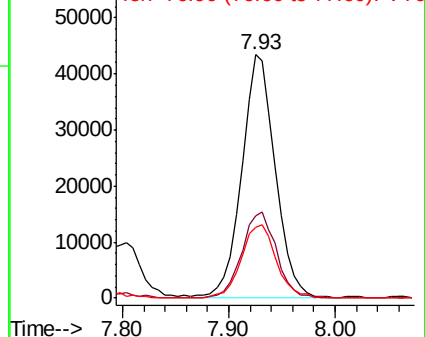
77 31.8 25.0 37.6

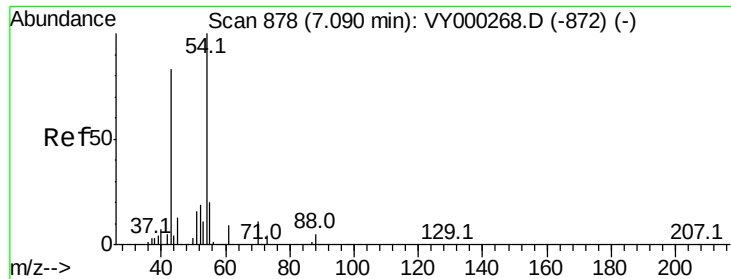


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

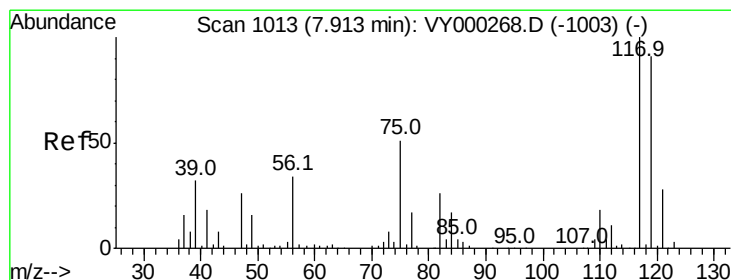
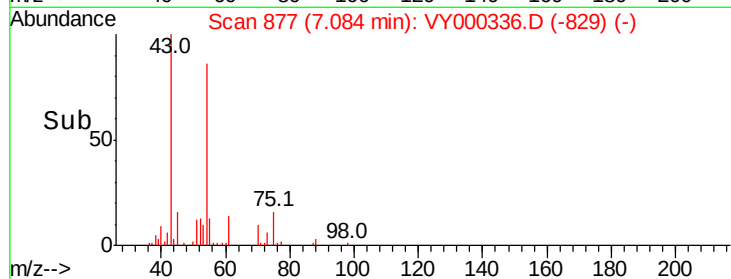
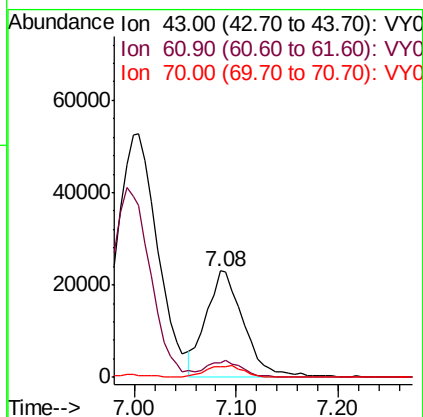
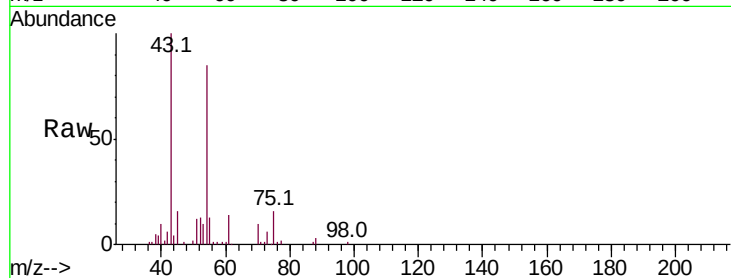




#37
Ethyl Acetate
Concen: 20.948 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

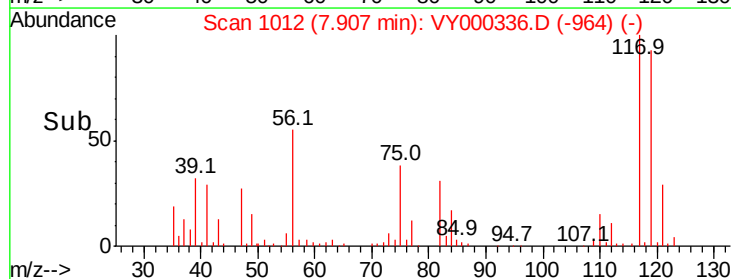
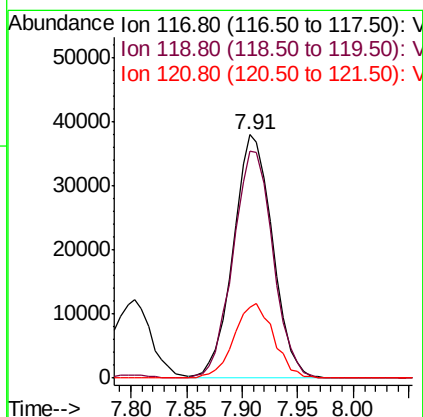
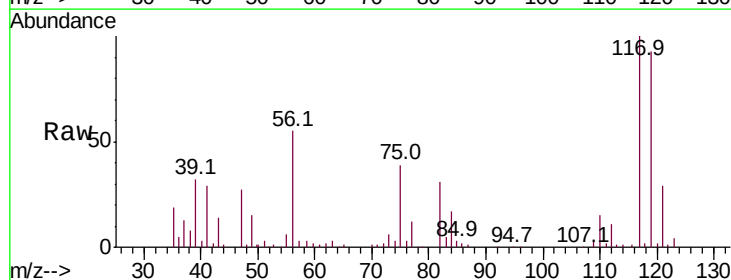
Instrument :
MSVOA_Y
ClientSampled :

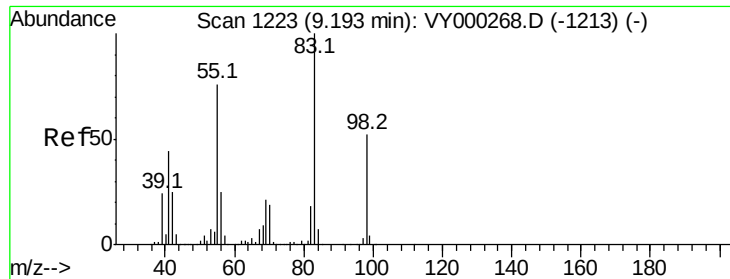
Tot Ion: 43 Resp: 58673
Ion Ratio Lower Upper
43 100
61 14.5 12.1 18.1
70 11.3 8.7 13.1



#38
Carbon Tetrachloride
Concen: 20.276 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

Tgt Ion: 117 Resp: 92862
Ion Ratio Lower Upper
117 100
119 93.1 72.8 109.2
121 29.1 22.2 33.2

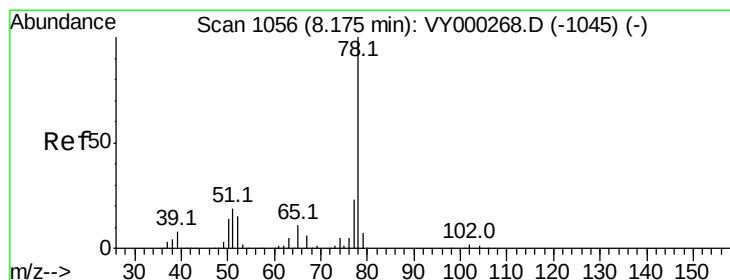
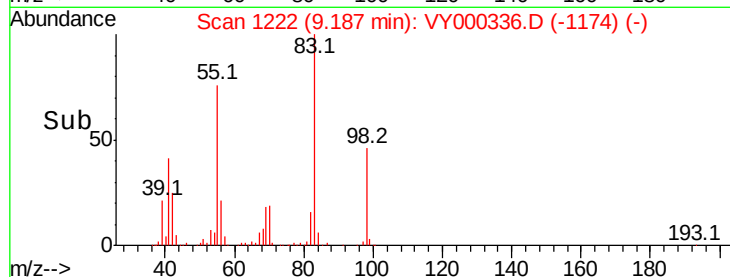
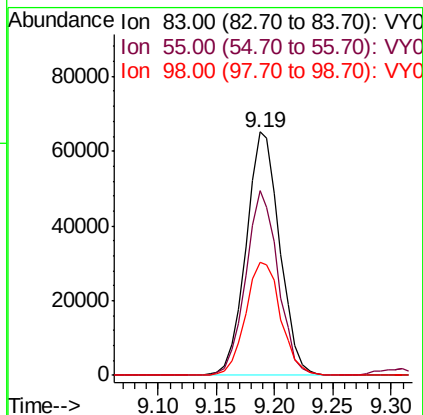
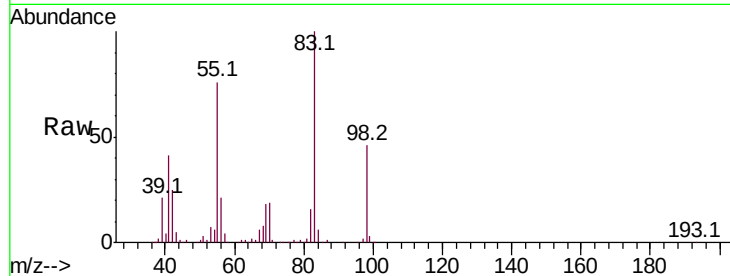




#39
Methylvlcyclohexane
Concen: 21.097 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

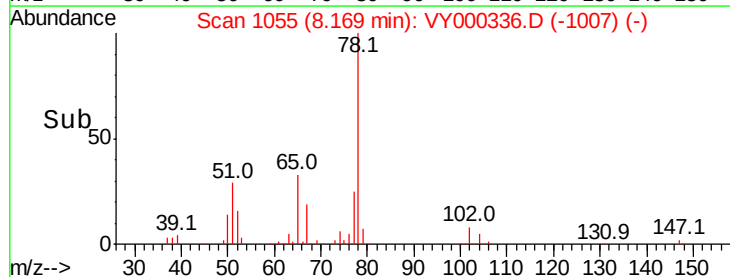
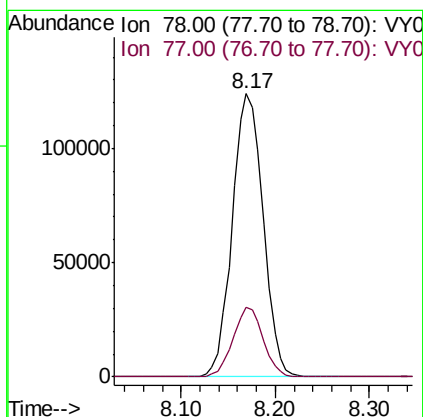
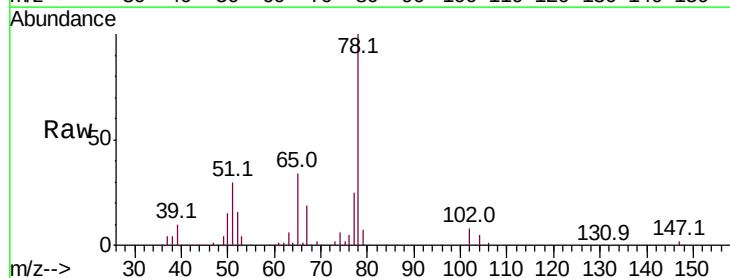
Instrument :
MSVOA_Y
ClientSampleId :

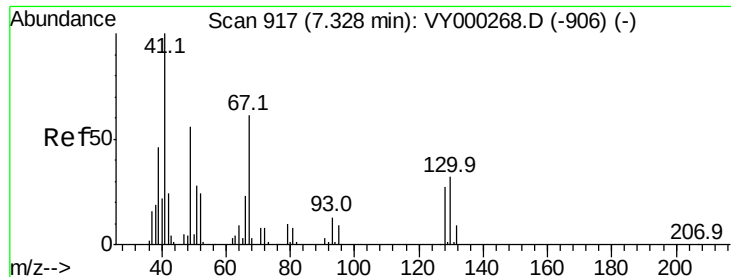
Tot Ion: 83 Resp: 130612
Ion Ratio Lower Upper
83 100
55 75.7 60.9 91.3
98 46.2 41.8 62.6



#40
Benzene
Concen: 20.577 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

Tgt Ion: 78 Resp: 281278
Ion Ratio Lower Upper
78 100
77 24.7 18.8 28.2

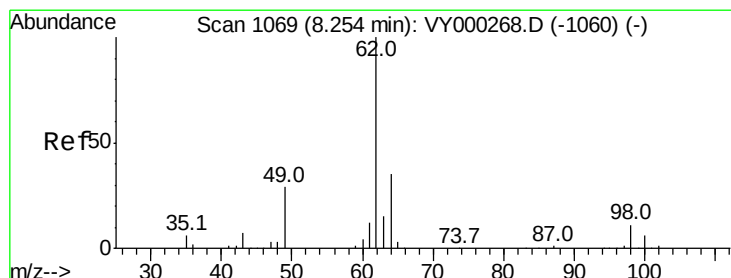
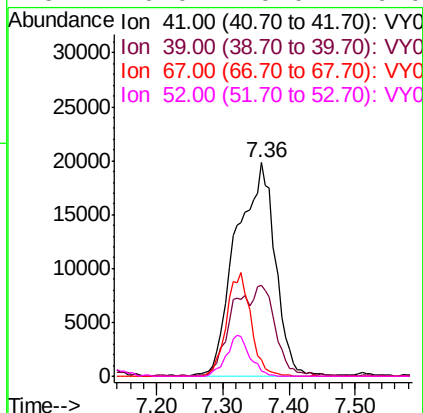
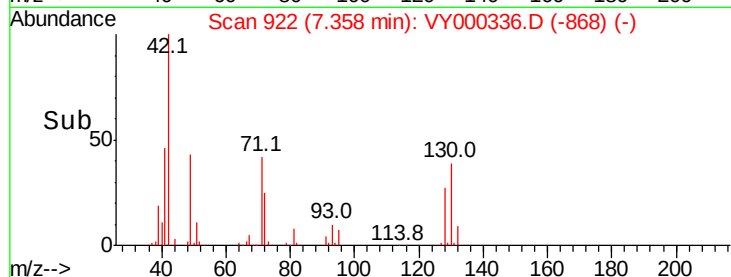
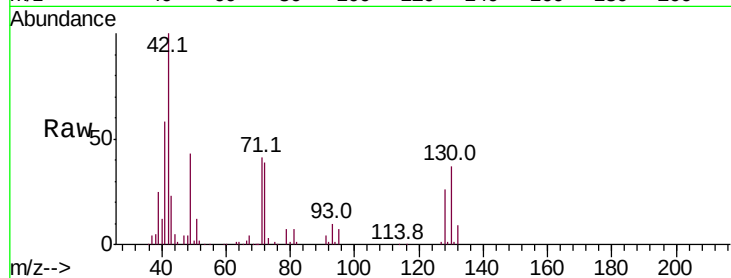




#41
Methacrylonitrile
Concen: 61.105 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.03 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

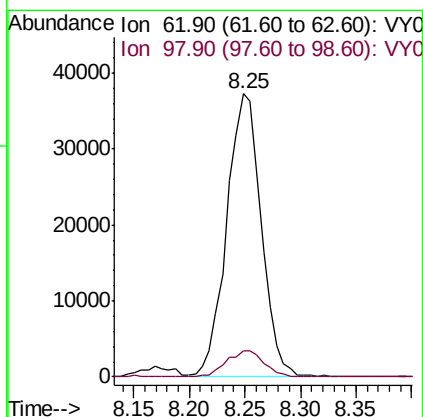
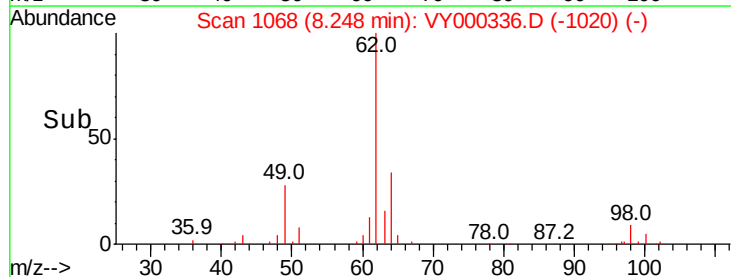
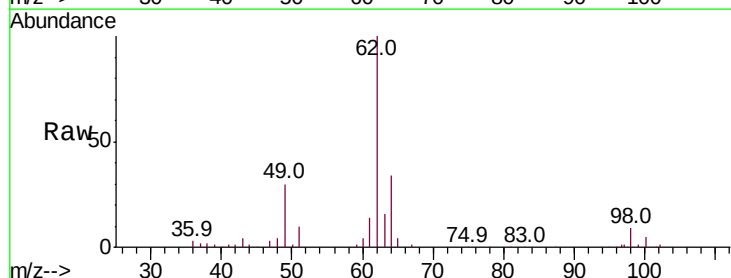
Instrument :
MSVOA_Y
ClientSampleId :

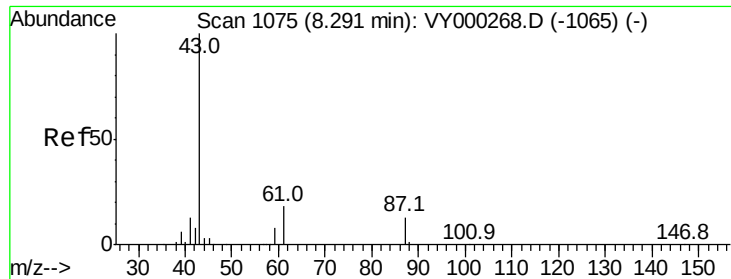
Tot Ion: 41 Resp: 81465
Ion Ratio Lower Upper
41 100
39 21.0 110.2 165.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 20.535 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

Tgt Ion: 62 Resp: 80185
Ion Ratio Lower Upper
62 100
98 10.1 0.0 20.6





#43

Isopropyl Acetate

Concen: 20.989 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

Instrument :

MSVOA_Y

ClientSampleId :

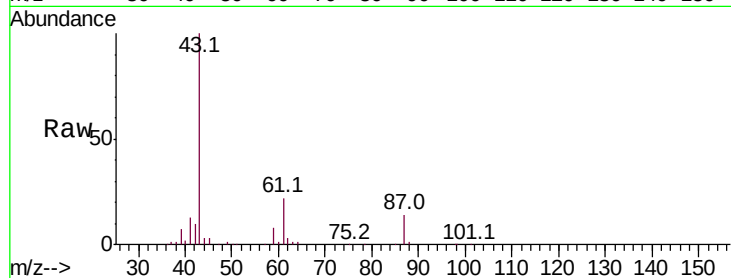
Tot Ion: 43 Resp: 111779

Ion Ratio Lower Upper

43 100

61 30.0 22.3 33.5

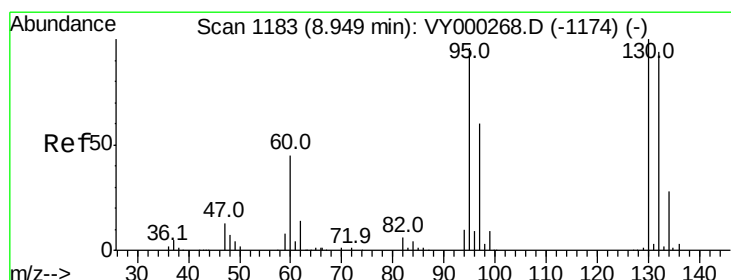
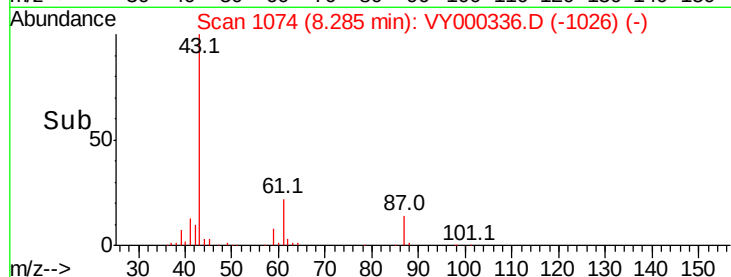
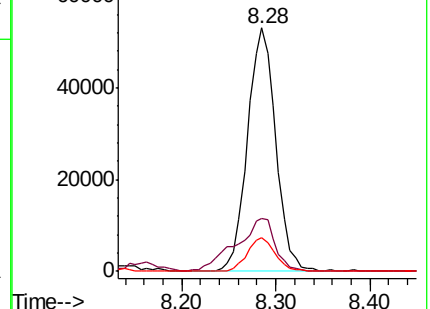
87 13.4 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Ion 87.00 (86.70 to 87.70): VY0



#44

Trichloroethene

Concen: 20.133 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. 0.00 min

Lab File: VY000336.D

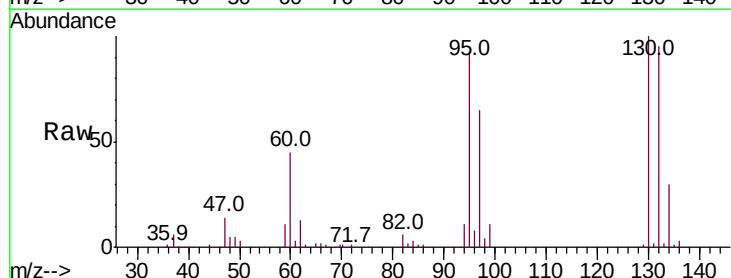
Acq: 17 Oct 2019 11:16

Tgt Ion:130 Resp: 77221

Ion Ratio Lower Upper

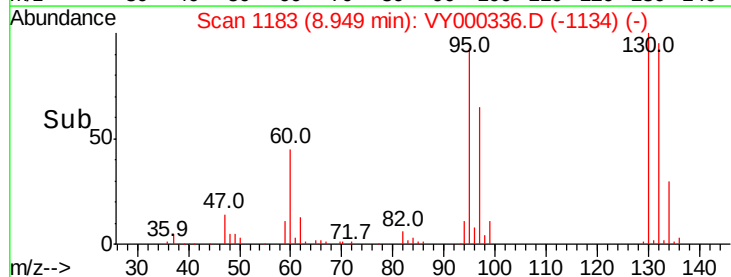
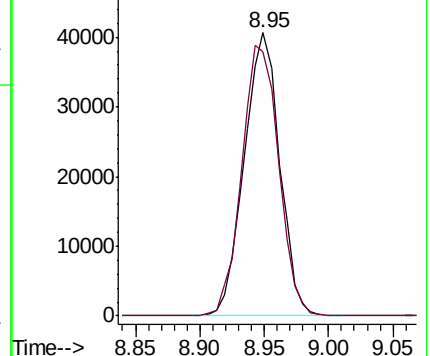
130 100

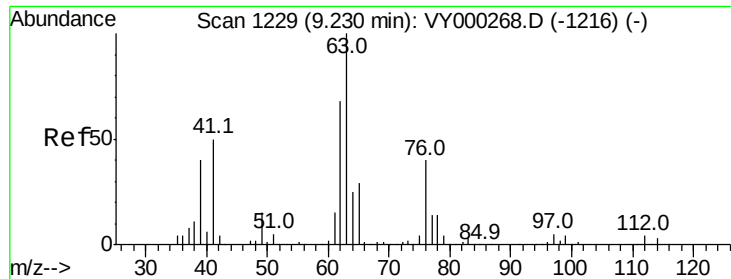
95 93.1 0.0 191.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VY0

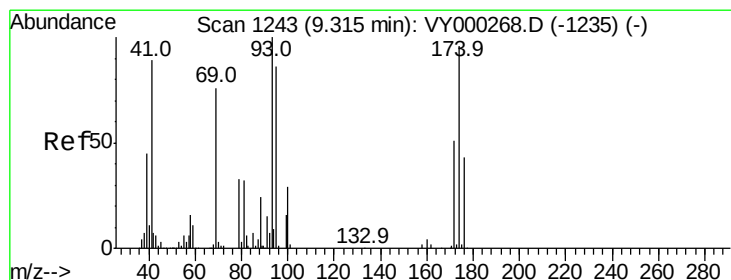
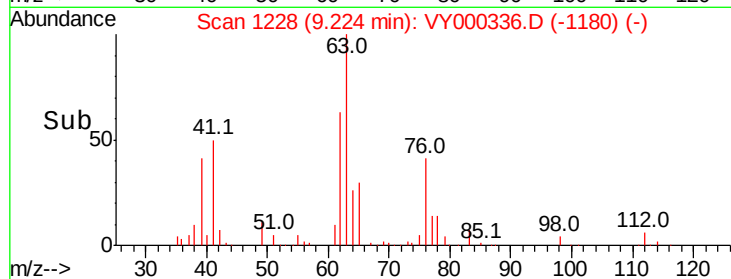
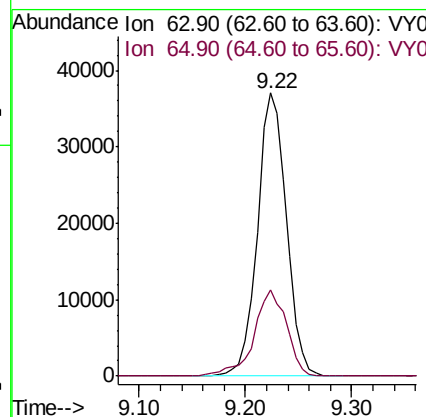
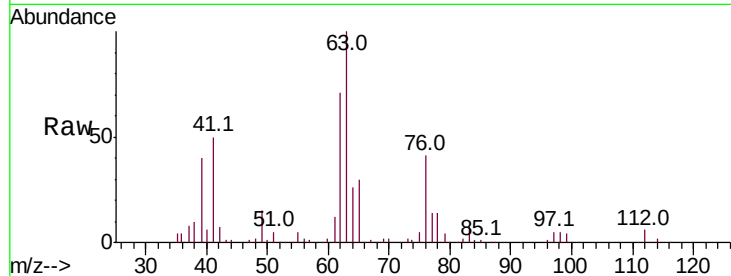




#45
1,2-Dichloropropane
Concen: 21.115 ug/l
RT: 9.22 min Scan# 1228
Delta R.T. -0.01 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

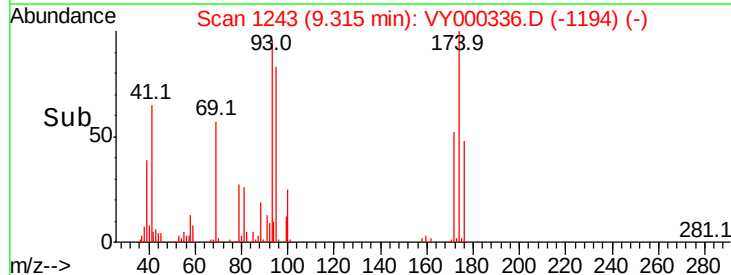
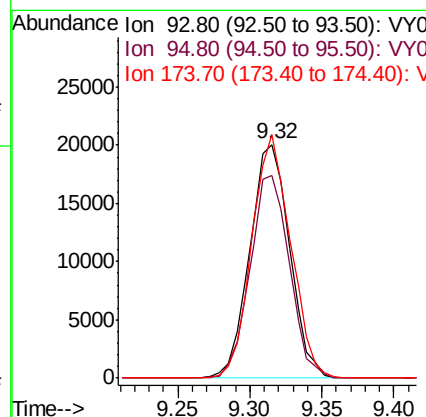
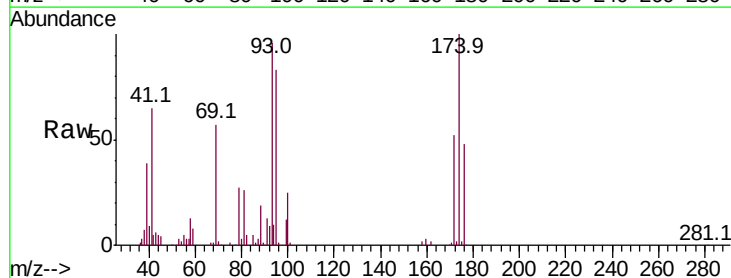
Instrument :
MSVOA_Y
ClientSampleId :

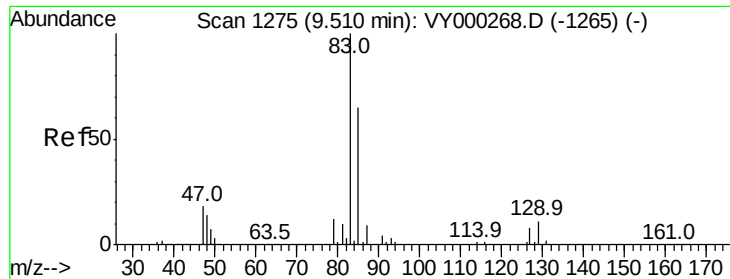
Tot Ion: 63 Resp: 70831
Ion Ratio Lower Upper
63 100
65 30.4 23.2 34.8



#46
Dibromomethane
Concen: 20.367 ug/l
RT: 9.32 min Scan# 1243
Delta R.T. 0.00 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

Tgt Ion: 93 Resp: 38194
Ion Ratio Lower Upper
93 100
95 86.0 68.2 102.2
174 101.5 79.8 119.6





#47

Bromodichloromethane

Concen: 21.101 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

Instrument :

MSVOA_Y

ClientSampleId :

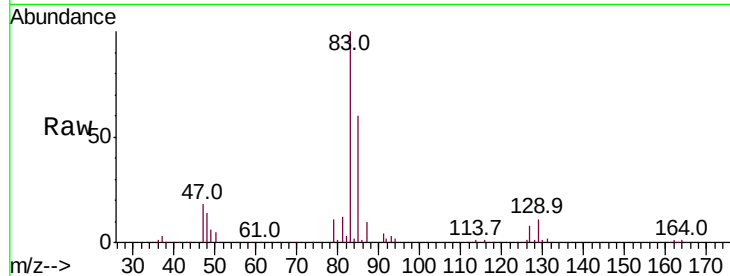
Tot Ion: 83 Resp: 93256

Ion Ratio Lower Upper

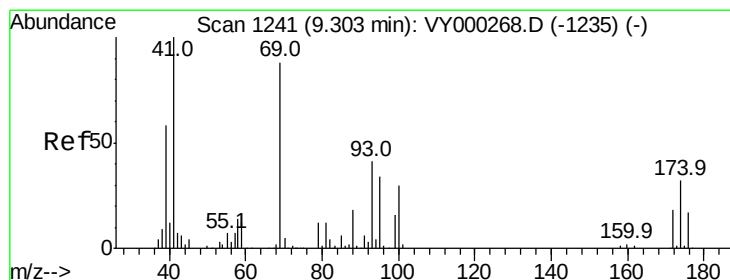
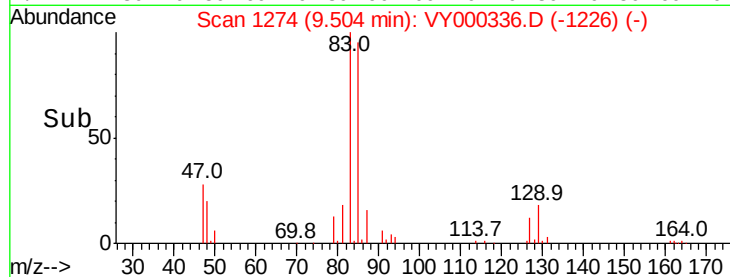
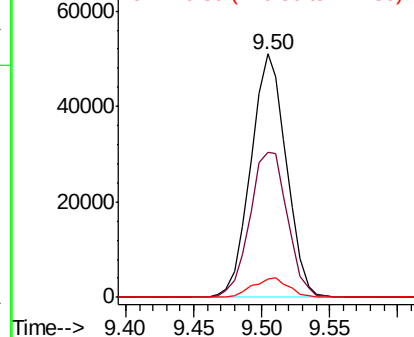
83 100

85 59.5 52.2 78.2

127 7.7 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): VY0



#48

Methyl methacrylate

Concen: 21.361 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

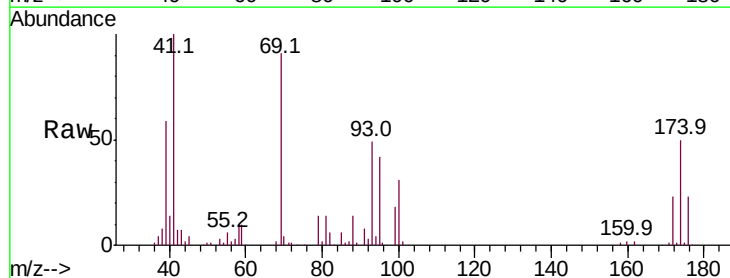
Tgt Ion: 41 Resp: 49855

Ion Ratio Lower Upper

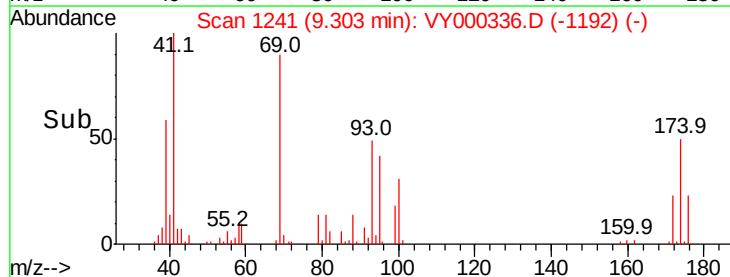
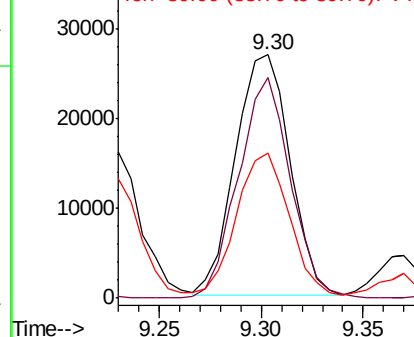
41 100

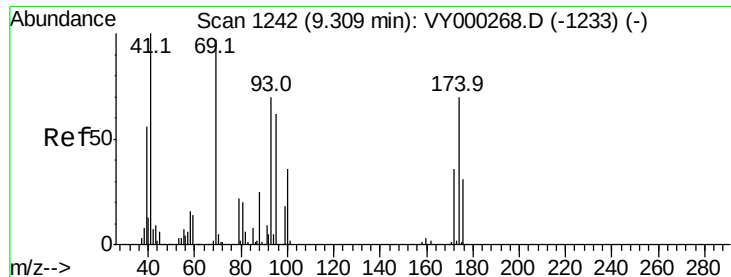
69 87.9 70.0 105.0

39 56.1 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

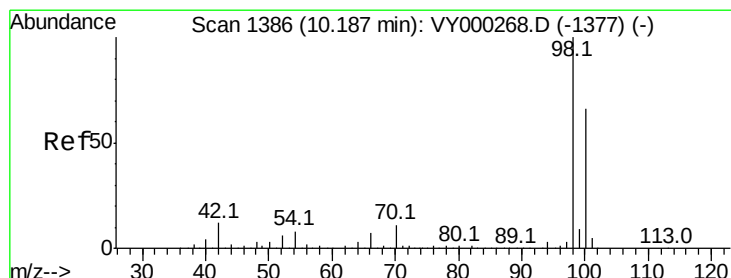
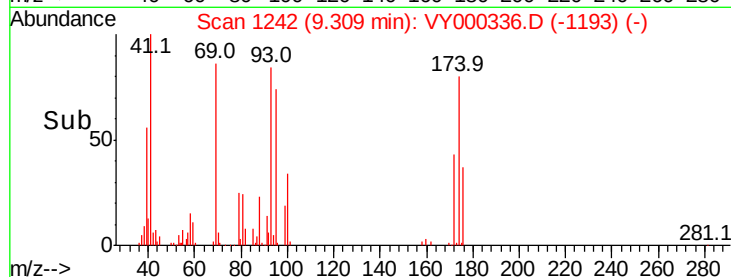
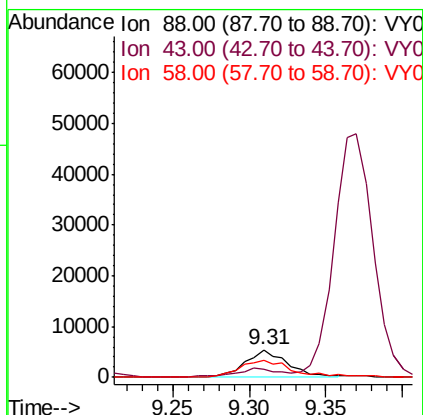
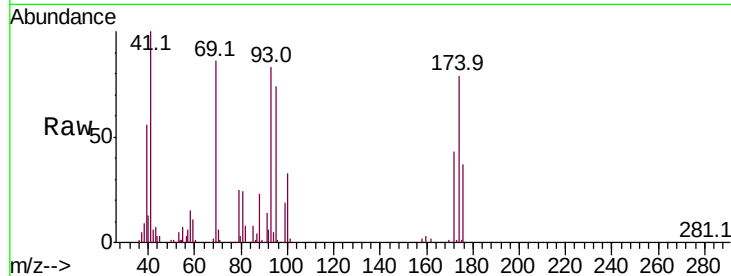




#49
1,4-Dioxane
Concen: 369.700 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

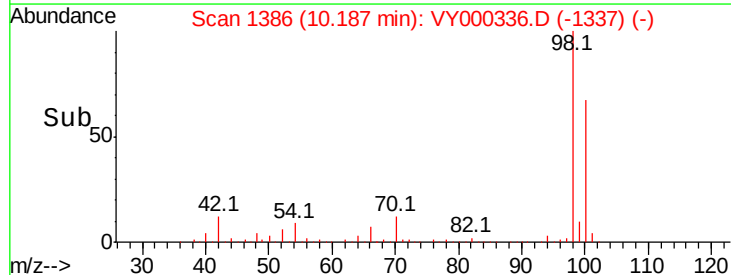
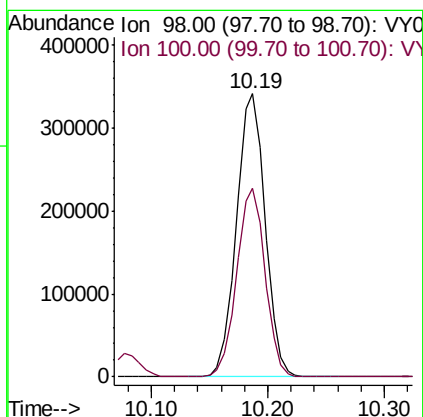
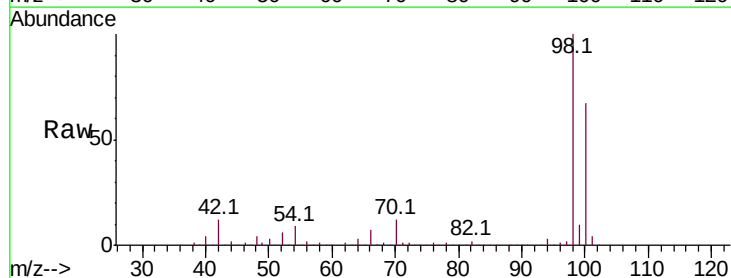
Instrument :
MSVOA_Y
ClientSampled :

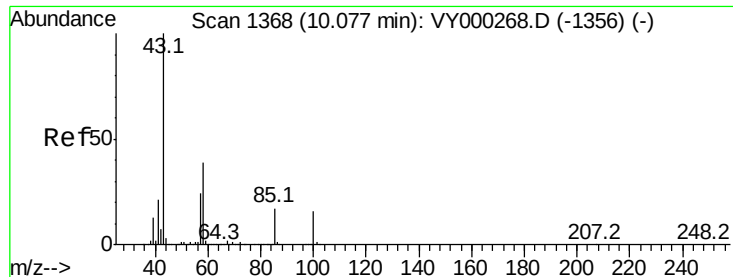
Tot Ion: 88 Resp: 10395
Ion Ratio Lower Upper
88 100
43 33.8 25.6 38.4
58 80.1 54.6 81.8



#50
Toluene-d8
Concen: 52.341 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

Tgt Ion: 98 Resp: 586776
Ion Ratio Lower Upper
98 100
100 65.9 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 107.600 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

Instrument :

MSVOA_Y

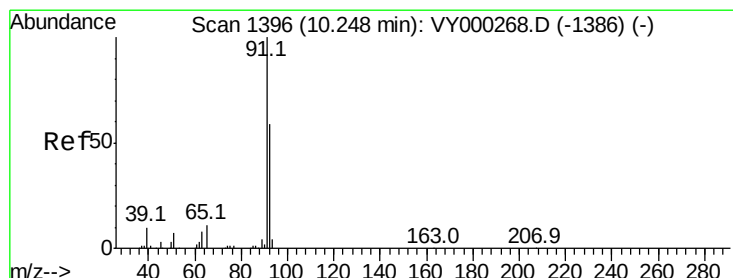
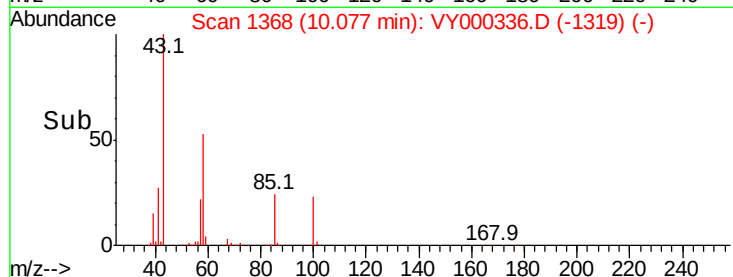
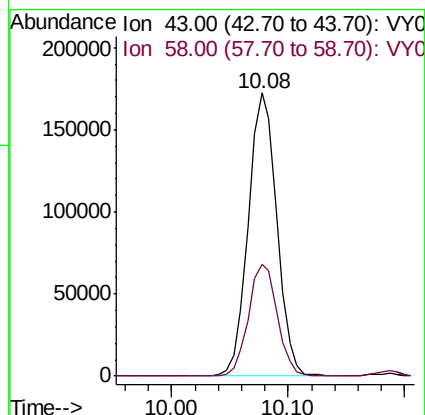
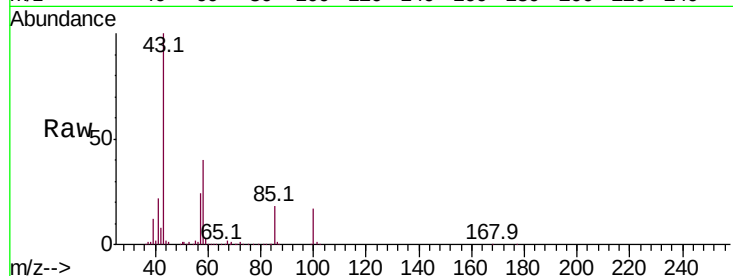
ClientSampled :

Tot Ion: 43 Resp: 295554

Ion Ratio Lower Upper

43 100

58 40.0 31.0 46.6



#52

Toluene

Concen: 20.669 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VY000336.D

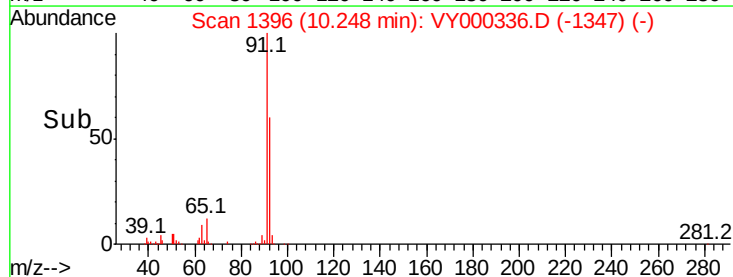
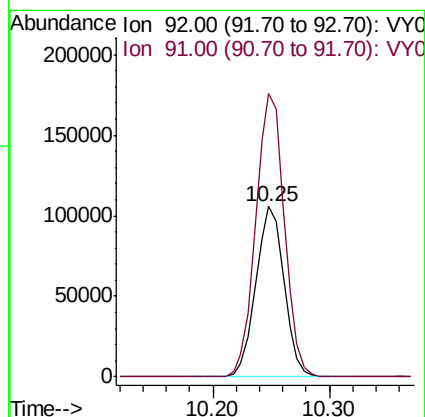
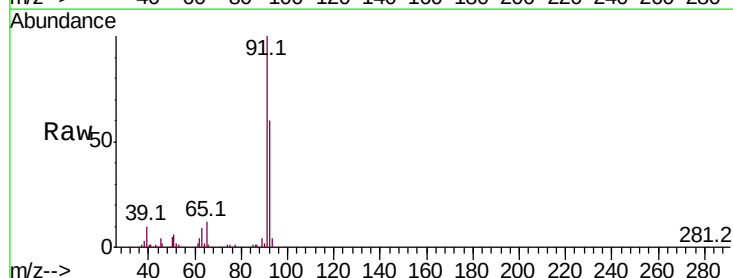
Acq: 17 Oct 2019 11:16

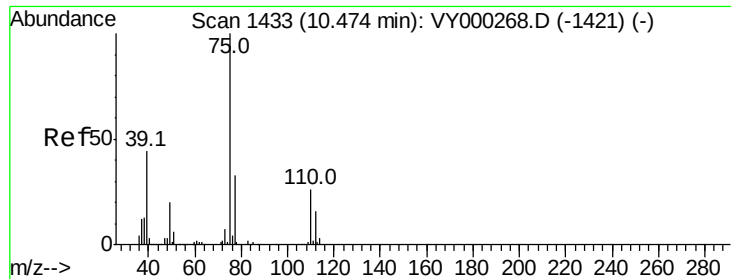
Tgt Ion: 92 Resp: 179385

Ion Ratio Lower Upper

92 100

91 168.2 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 21.337 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.00 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

Instrument :

MSVOA_Y

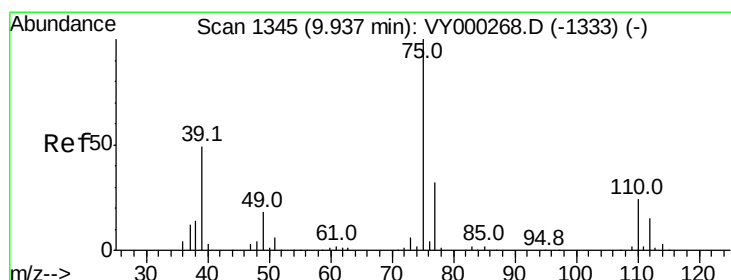
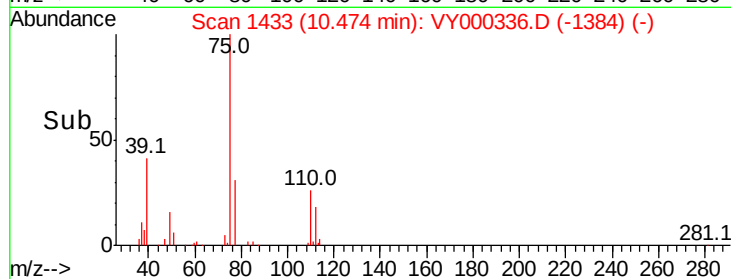
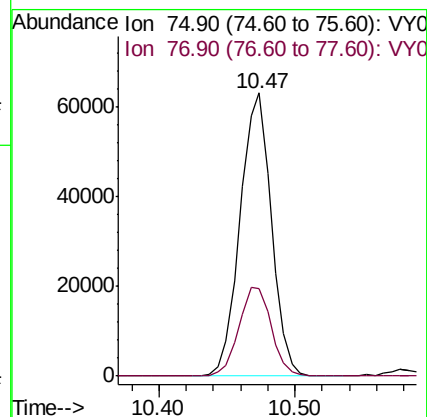
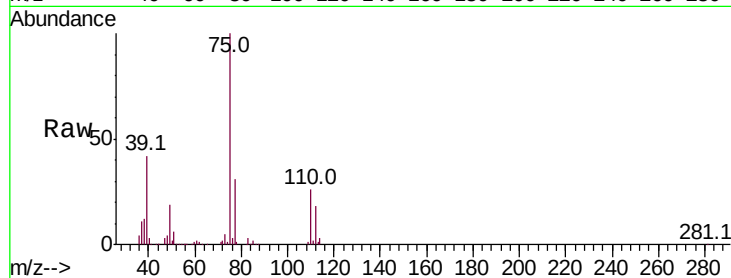
ClientSampleId :

Tot Ion: 75 Resp: 101059

Ion Ratio Lower Upper

75 100

77 30.7 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 21.125 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

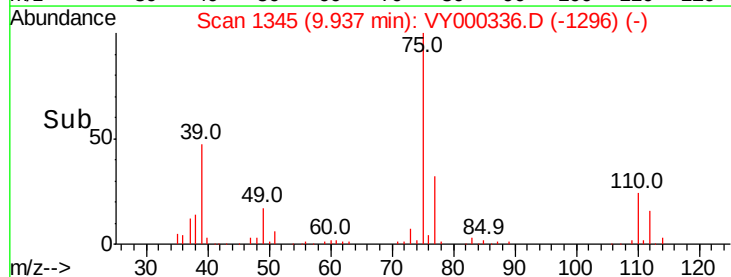
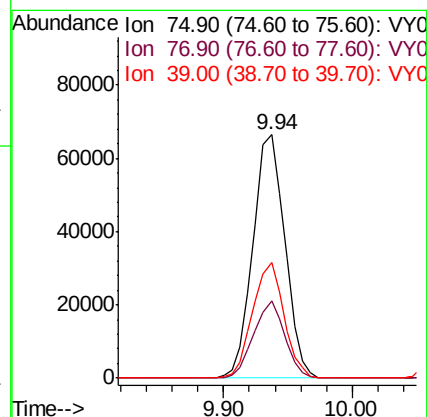
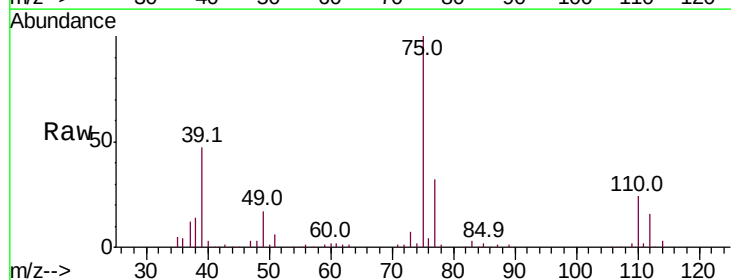
Tgt Ion: 75 Resp: 113628

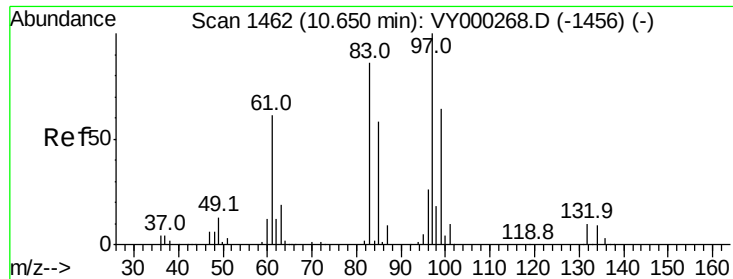
Ion Ratio Lower Upper

75 100

77 31.8 26.0 39.0

39 47.3 38.8 58.2

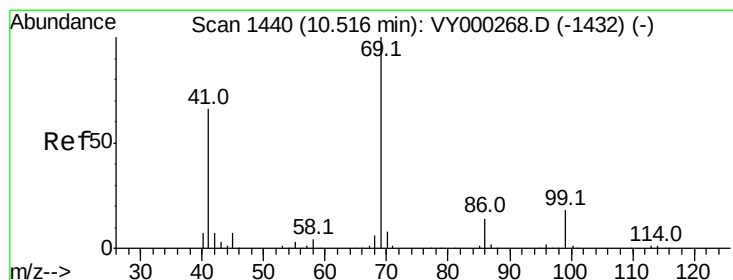
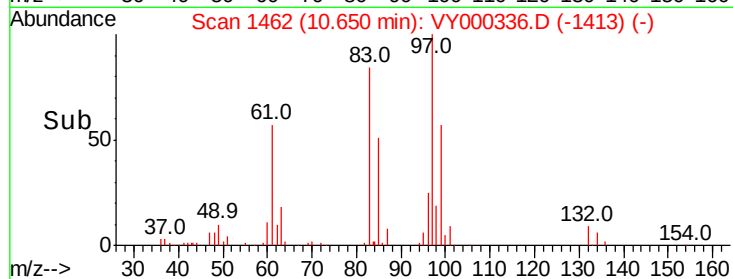
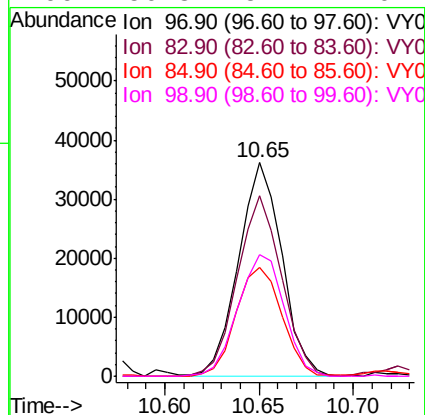
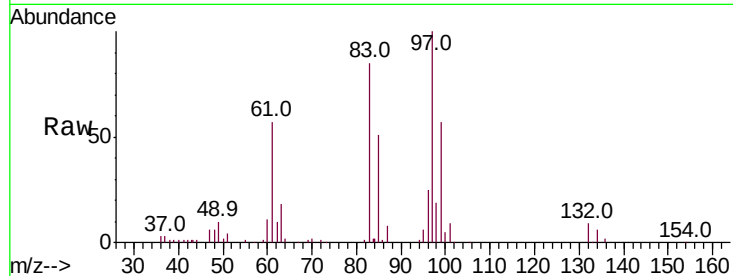




#55
 1,1,2-Trichloroethane
 Concen: 21.064 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VY000336.D
 Acq: 17 Oct 2019 11:16

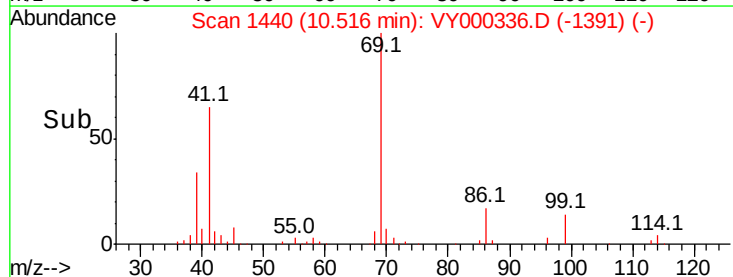
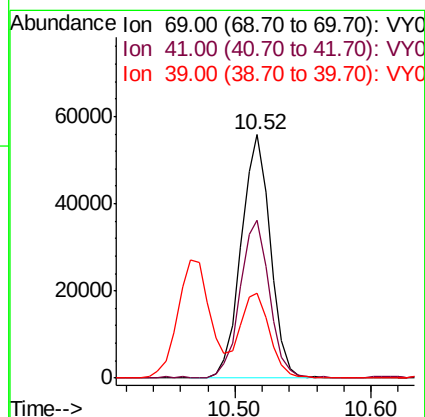
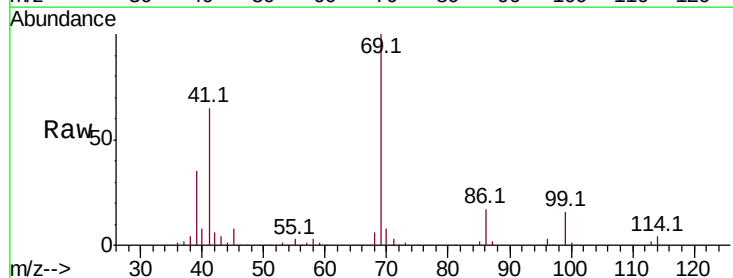
Instrument :
 MSVOA_Y
 ClientSampleId :

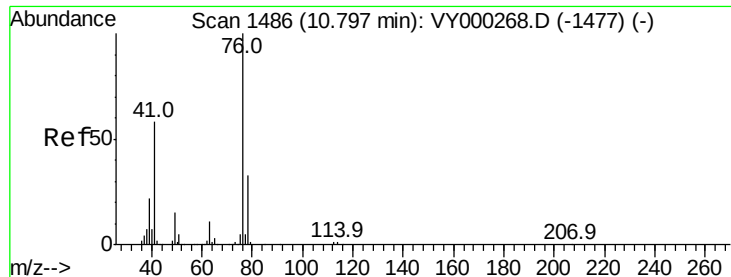
Tot Ion:	97	Resp:	57432
Ion	Ratio	Lower	Upper
97	100		
83	84.6	69.0	103.6
85	50.9	46.2	69.4
99	56.8	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 21.465 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY000336.D
 Acq: 17 Oct 2019 11:16

Tgt Ion:	69	Resp:	83421
Ion	Ratio	Lower	Upper
69	100		
41	64.8	52.5	78.7
39	35.7	26.7	40.1





#57

1,3-Dichloropropane

Concen: 21.382 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

Instrument :

MSVOA_Y

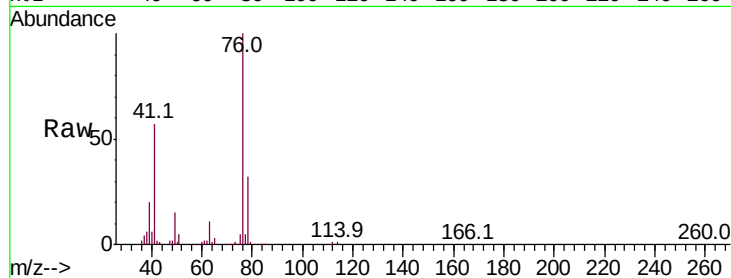
ClientSampleId :

Tot Ion: 76 Resp: 100124

Ion Ratio Lower Upper

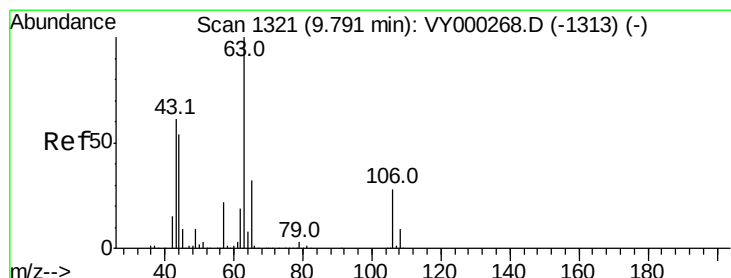
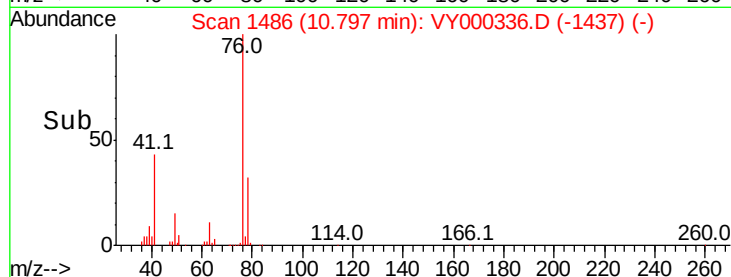
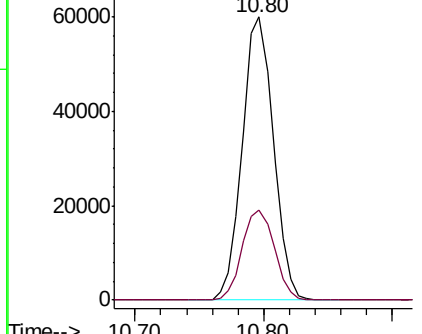
76 100

78 33.3 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 130.566 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. 0.00 min

Lab File: VY000336.D

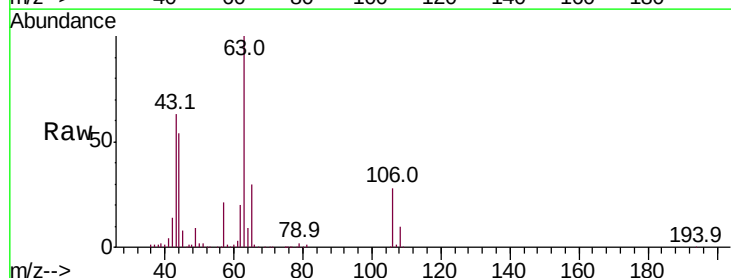
Acq: 17 Oct 2019 11:16

Tgt Ion: 63 Resp: 202396

Ion Ratio Lower Upper

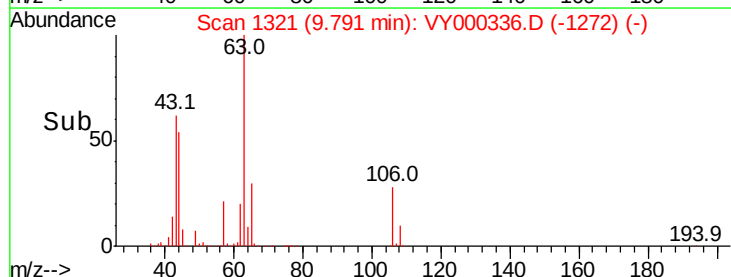
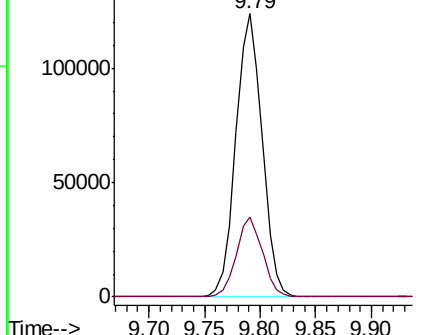
63 100

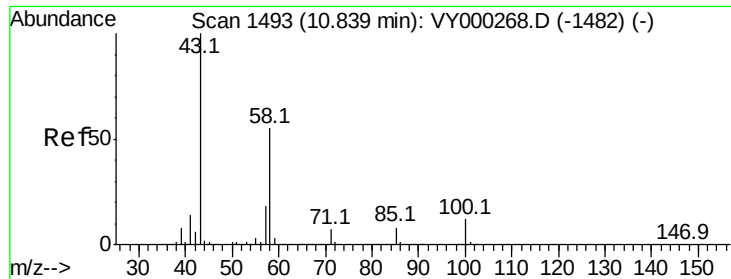
106 28.0 23.0 34.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

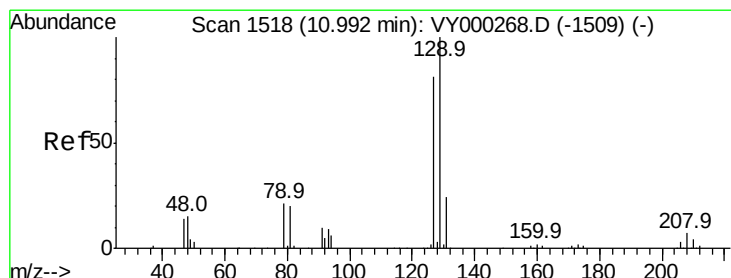
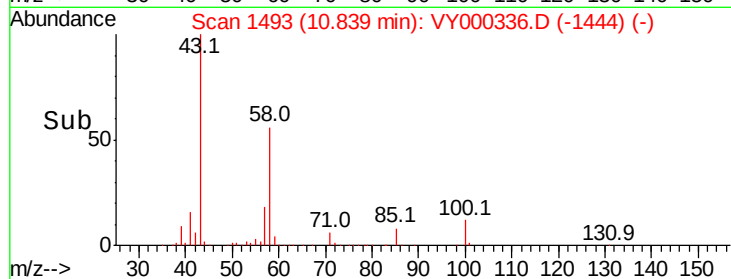
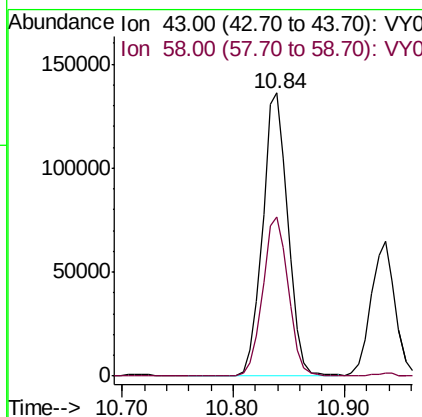
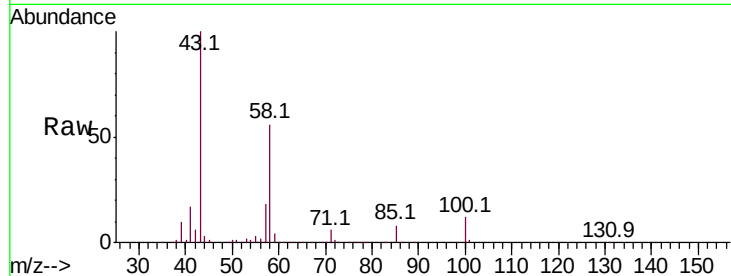




#59
2-Hexanone
Concen: 112.272 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

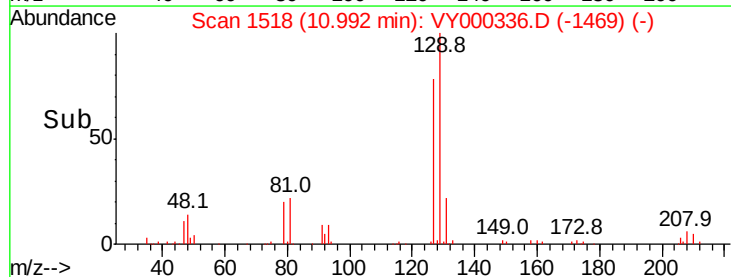
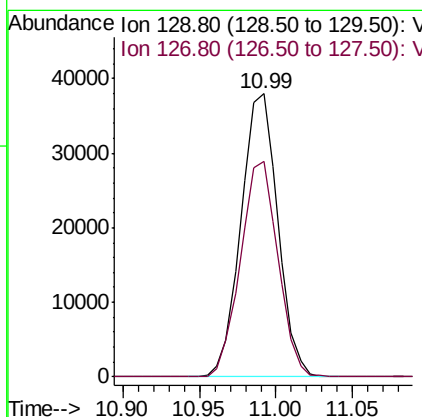
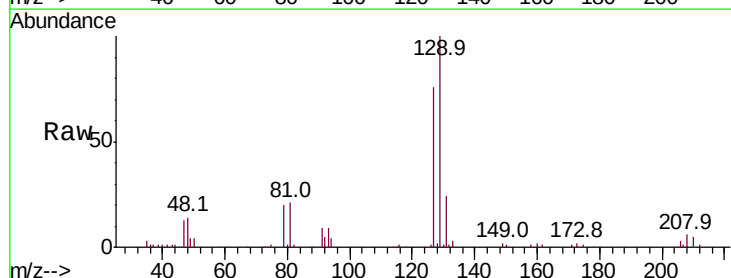
Instrument :
MSVOA_Y
ClientSampleId :

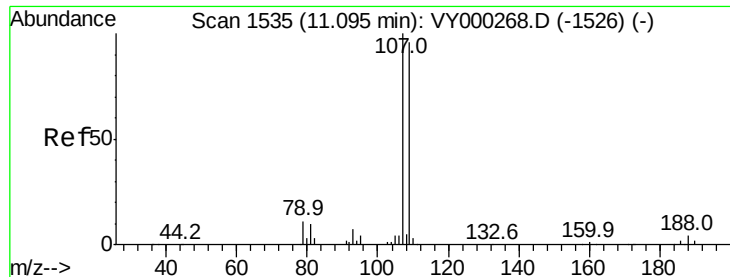
Tot Ion: 43 Resp: 216460
Ion Ratio Lower Upper
43 100
58 56.7 27.7 83.1



#60
Dibromochloromethane
Concen: 21.092 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

Tgt Ion: 129 Resp: 63742
Ion Ratio Lower Upper
129 100
127 77.1 39.9 119.7

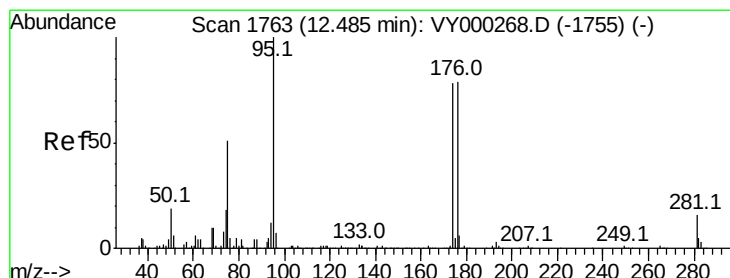
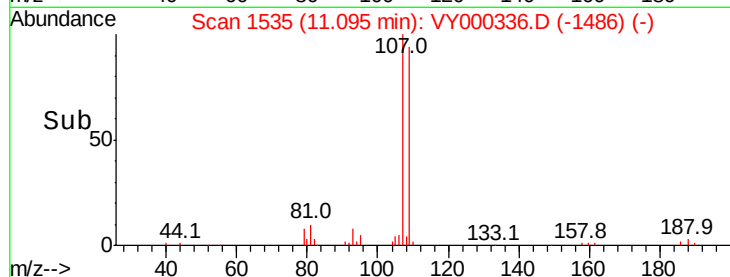
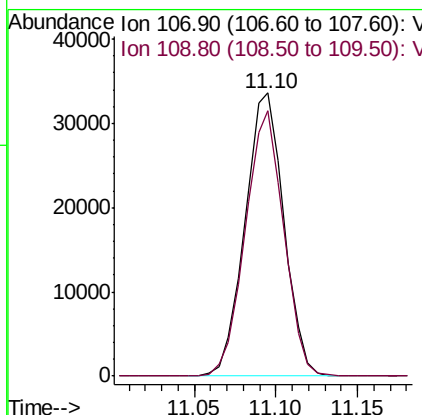
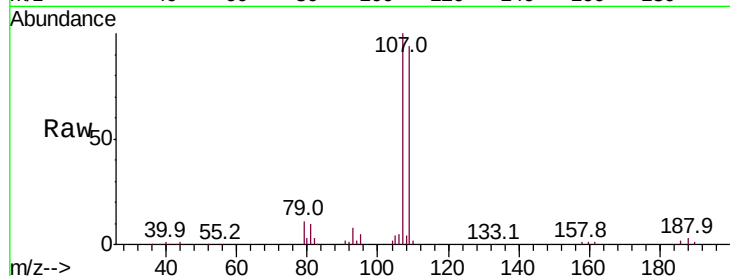




#61
 1,2-Dibromoethane
 Concen: 21.286 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VY000336.D
 Acq: 17 Oct 2019 11:16

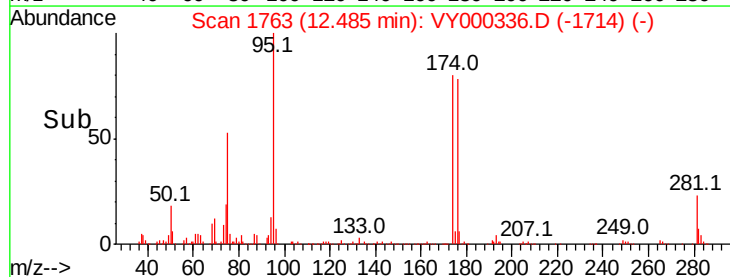
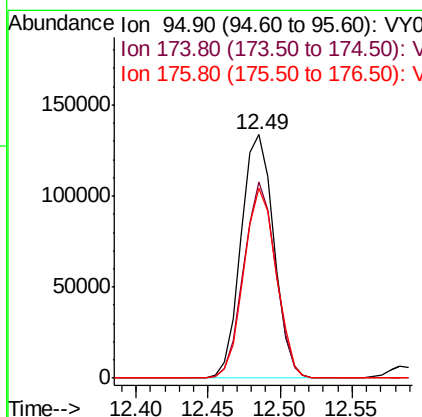
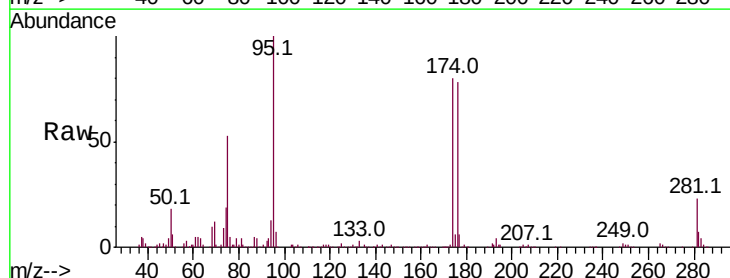
Instrument :
 MSVOA_Y
 ClientSampleId :

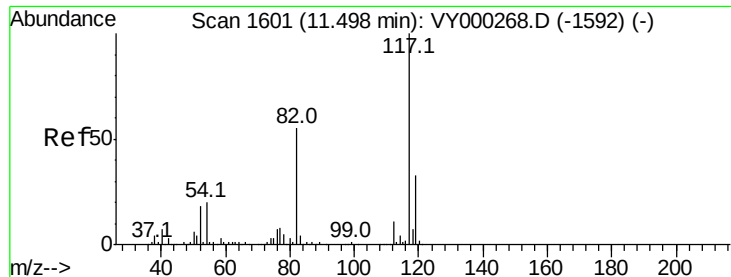
Tot Ion:107 Resp: 55725
 Ion Ratio Lower Upper
 107 100
 109 92.7 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 49.524 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: VY000336.D
 Acq: 17 Oct 2019 11:16

Tgt Ion: 95 Resp: 210924
 Ion Ratio Lower Upper
 95 100
 174 78.0 0.0 159.6
 176 77.1 0.0 153.8

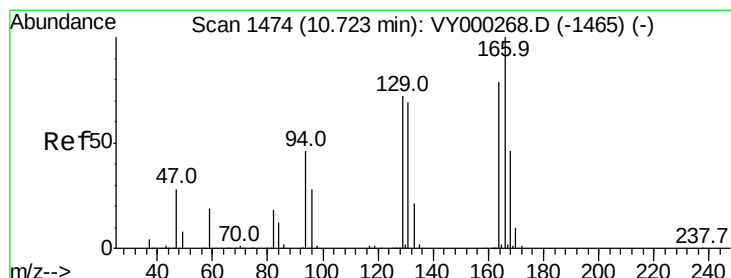
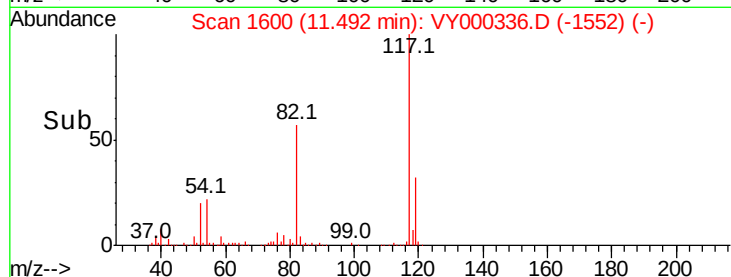
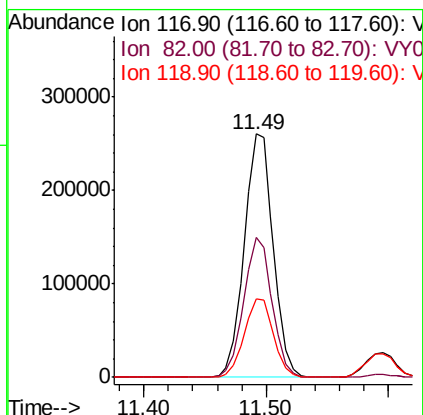
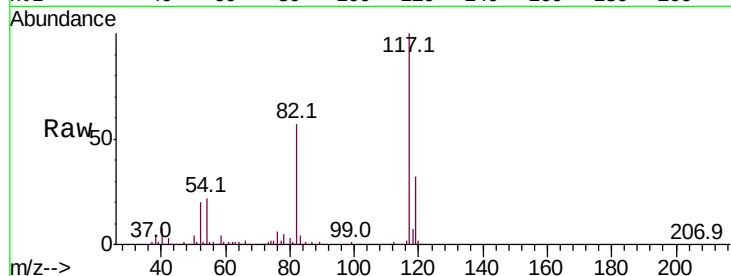




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

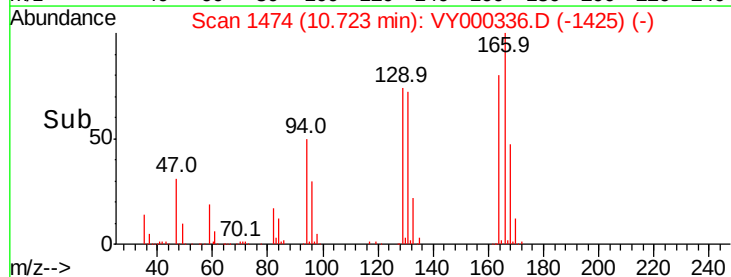
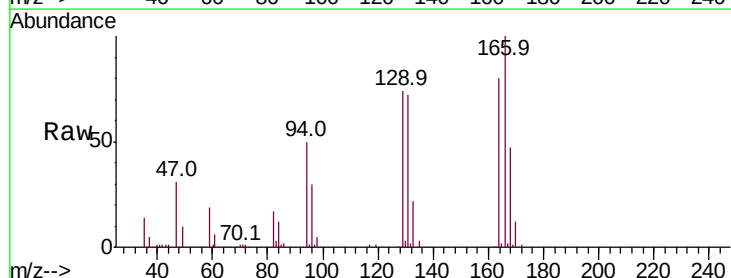
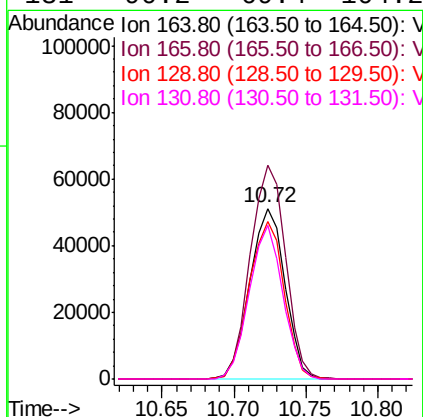
Instrument :
MSVOA_Y
ClientSampleId :

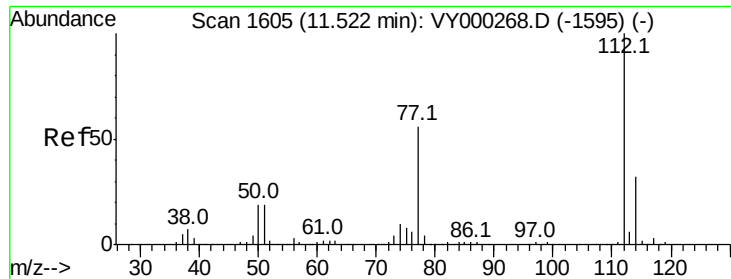
Tot Ion:117 Resp: 427851
Ion Ratio Lower Upper
117 100
82 57.4 43.7 65.5
119 32.3 26.6 39.8



#64
Tetrachloroethene
Concen: 21.131 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

Tgt Ion:164 Resp: 86070
Ion Ratio Lower Upper
164 100
166 125.3 100.6 151.0
129 92.1 72.8 109.2
131 90.2 69.4 104.2

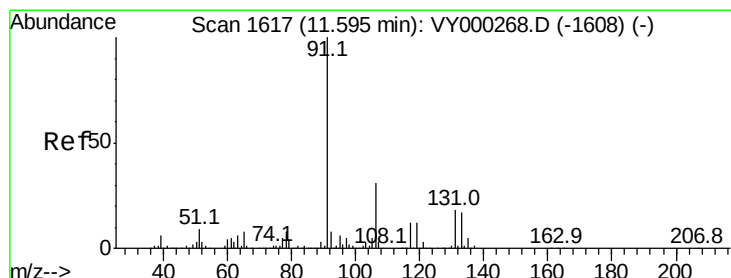
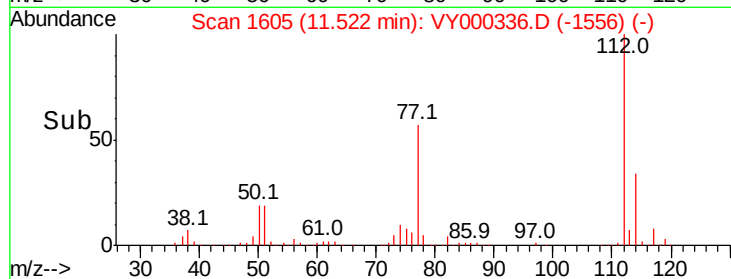
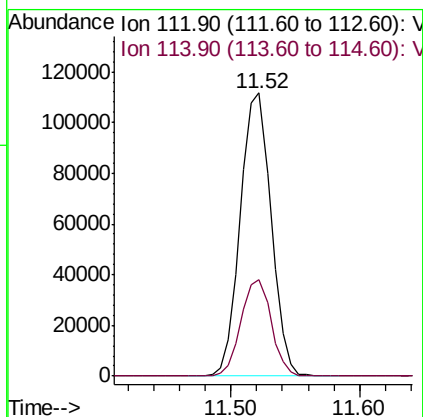
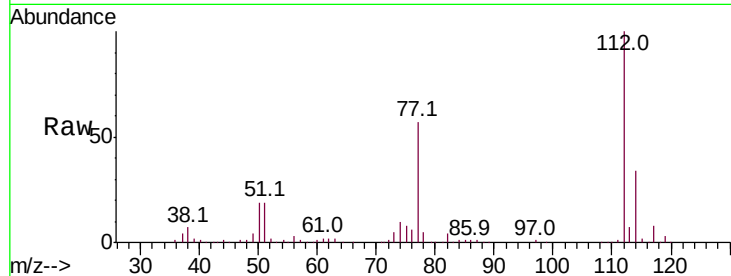




#65
Chlorobenzene
Concen: 20.453 ug/l
RT: 11.52 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

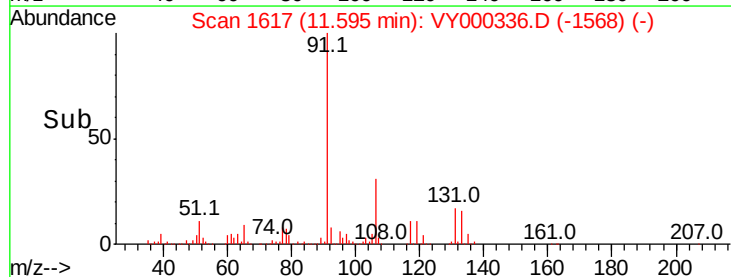
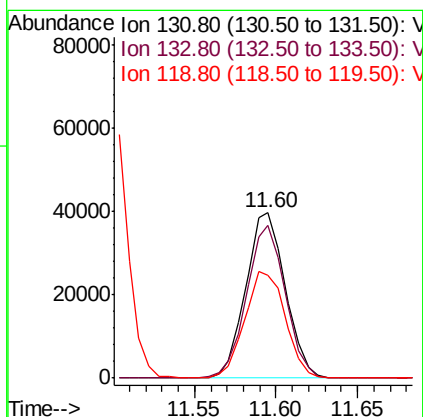
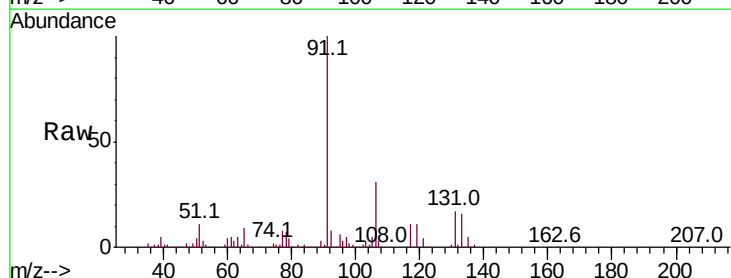
Instrument :
MSVOA_Y
ClientSampled :

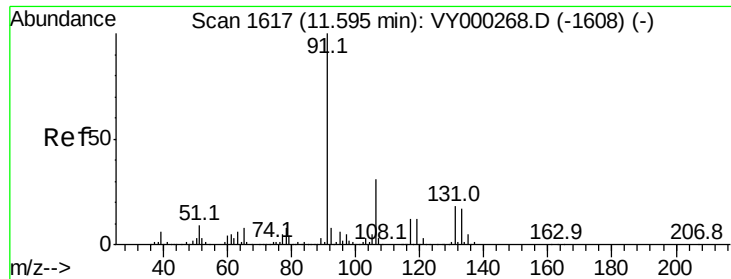
Tot Ion:112 Resp: 184683
Ion Ratio Lower Upper
112 100
114 34.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.033 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

Tgt Ion:131 Resp: 66716
Ion Ratio Lower Upper
131 100
133 91.0 47.2 141.6
119 66.3 32.6 98.0

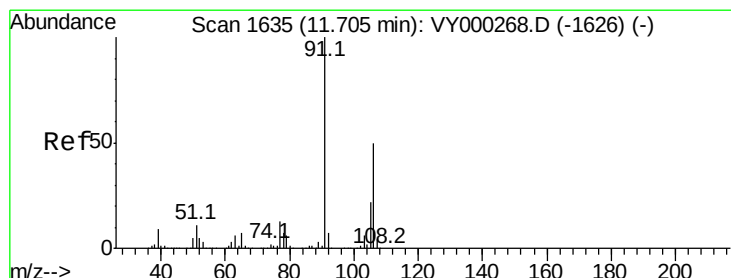
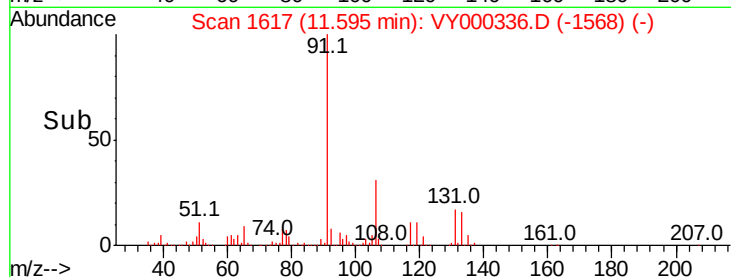
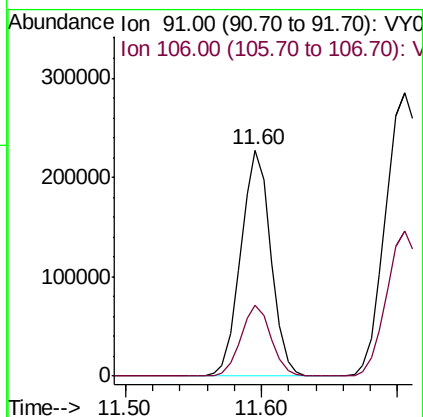
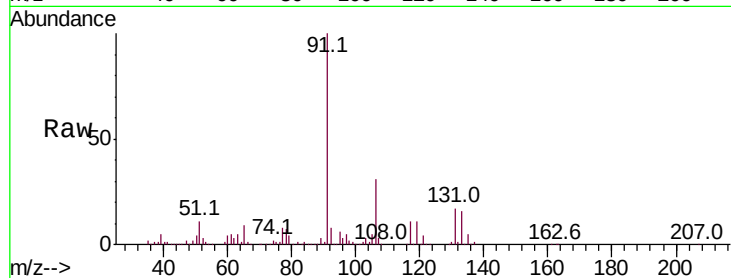




#67
Ethyl Benzene
Concen: 20.915 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

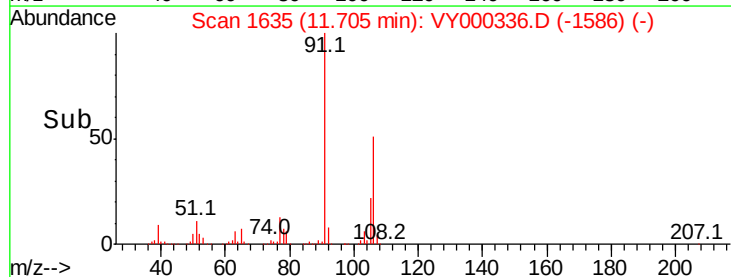
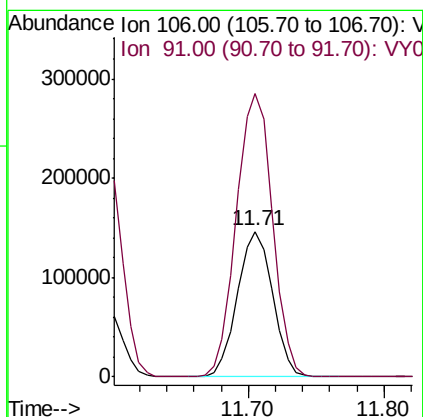
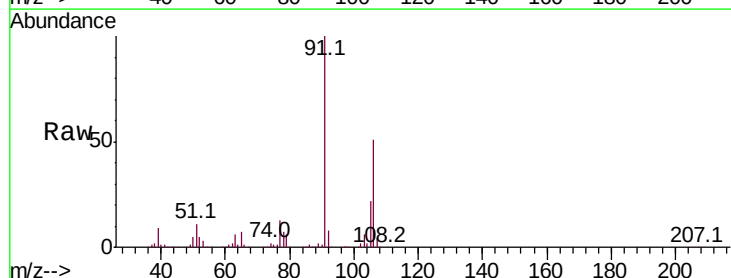
Instrument :
MSVOA_Y
ClientSampleId :

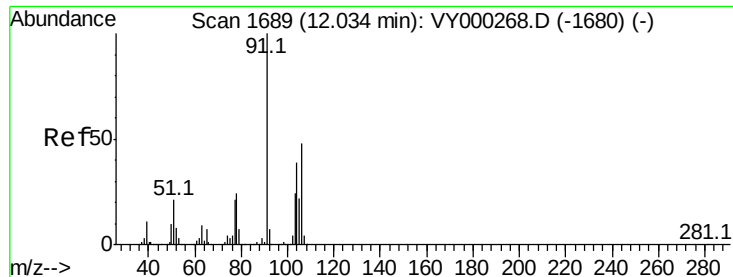
Tot Ion: 91 Resp: 350096
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.6



#68
m/p-Xylenes
Concen: 41.476 ug/l
RT: 11.71 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

Tgt Ion:106 Resp: 265403
Ion Ratio Lower Upper
106 100
91 199.8 157.5 236.3

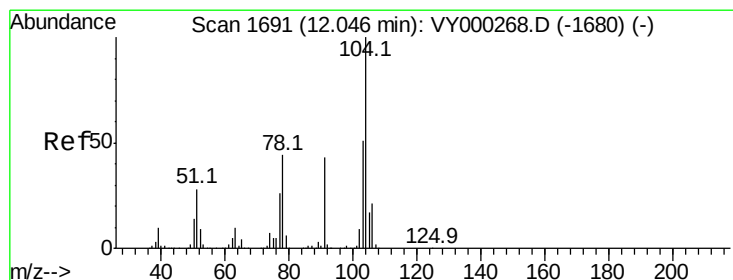
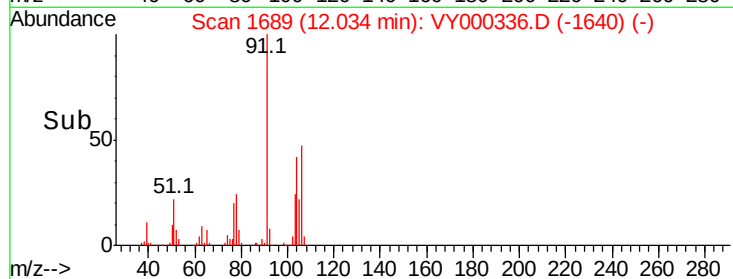
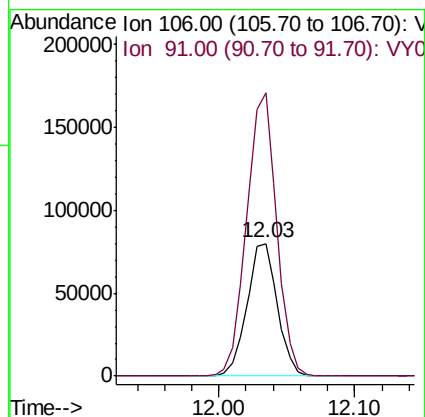
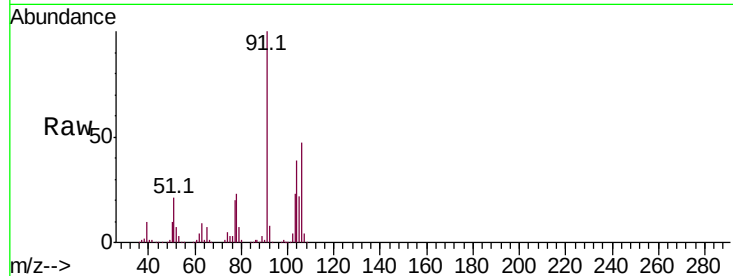




#69
o-Xylene
Concen: 20.457 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

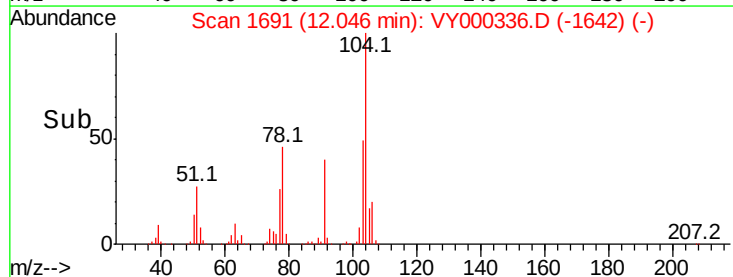
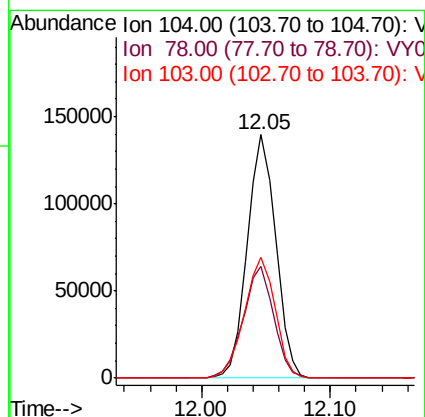
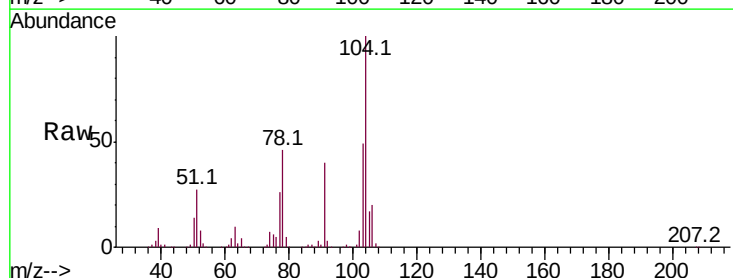
Instrument :
MSVOA_Y
ClientSampleId :

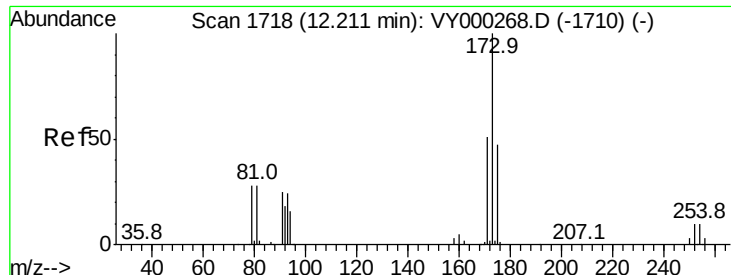
Tot Ion:106 Resp: 124880
Ion Ratio Lower Upper
106 100
91 211.1 104.7 313.9



#70
Styrene
Concen: 20.704 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

Tgt Ion:104 Resp: 213148
Ion Ratio Lower Upper
104 100
78 49.3 39.0 58.6
103 53.7 43.1 64.7

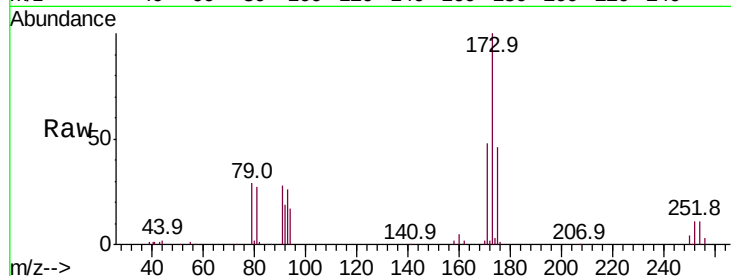




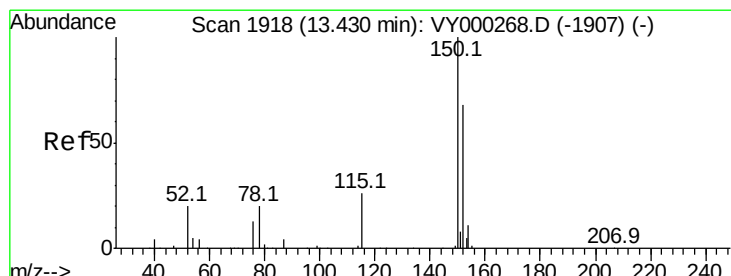
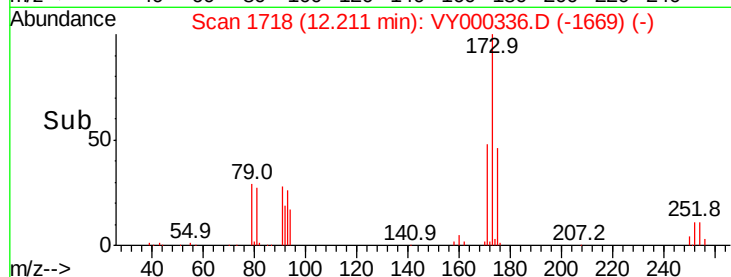
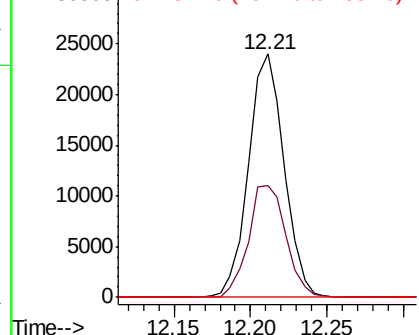
#71
Bromoform
Concen: 21.237 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. 0.00 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:173 Resp: 38723
Ion Ratio Lower Upper
173 100
175 48.5 24.6 73.6
254 0.0 0.1 0.1#

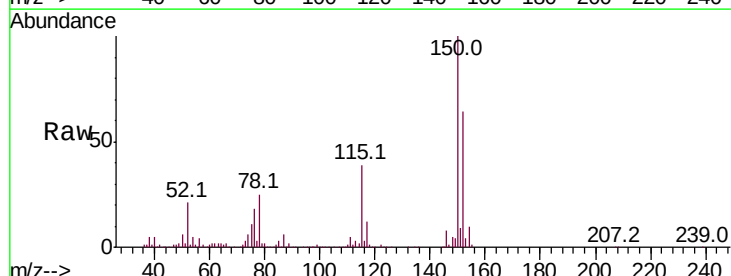


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

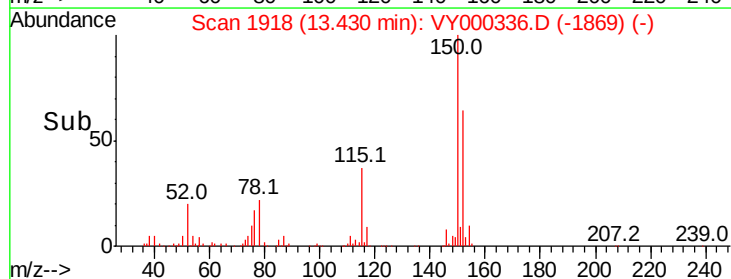
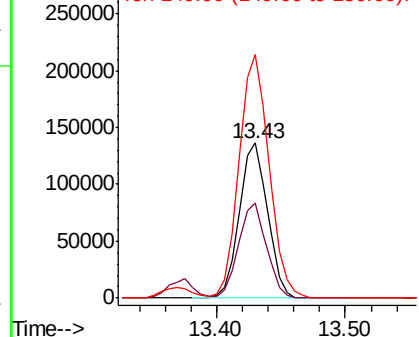


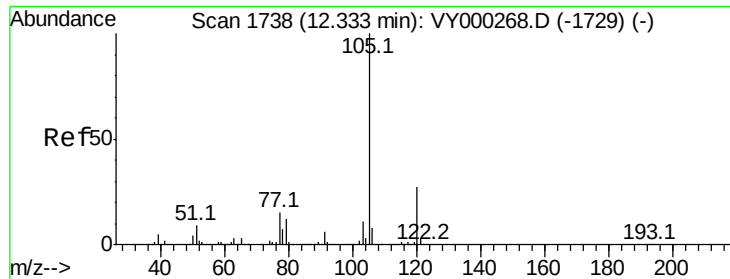
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

Tgt Ion:152 Resp: 207223
Ion Ratio Lower Upper
152 100
115 60.4 29.3 88.0
150 166.6 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: 20.748 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

Instrument :

MSVOA_Y

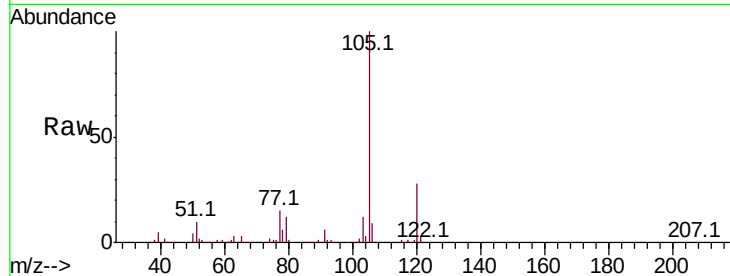
ClientSampleId :

Tot Ion:105 Resp: 335249

Ion Ratio Lower Upper

105 100

120 27.9 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

250000

200000

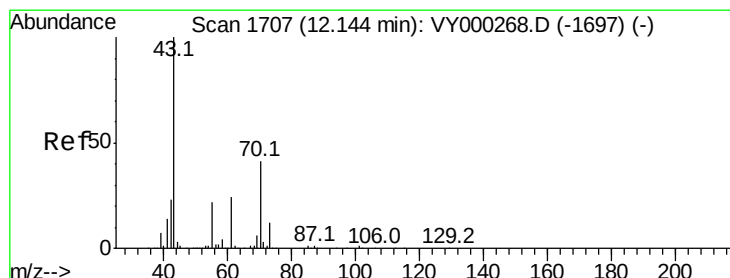
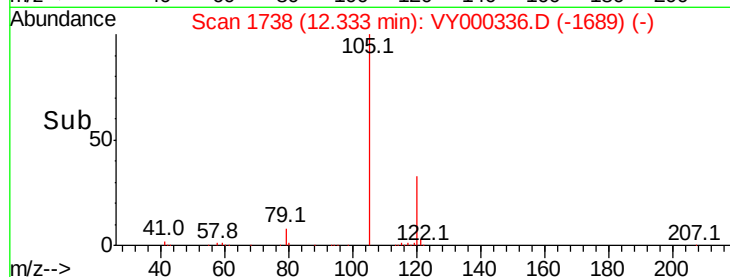
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 24.446 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

Tgt Ion: 43 Resp: 96969

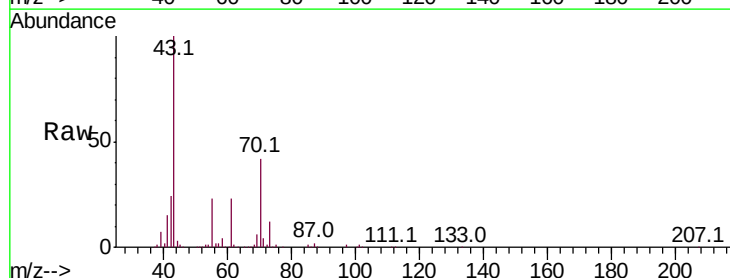
Ion Ratio Lower Upper

43 100

70 41.9 32.9 49.3

55 23.8 17.8 26.6

61 24.5 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

100000

80000

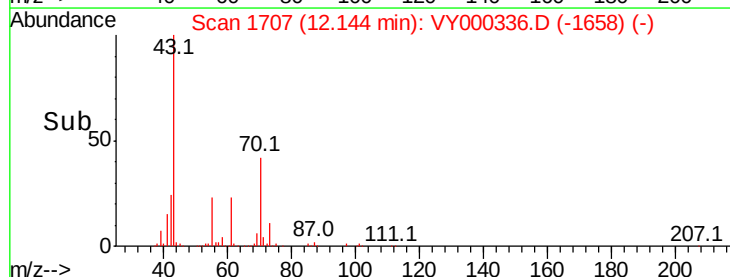
60000

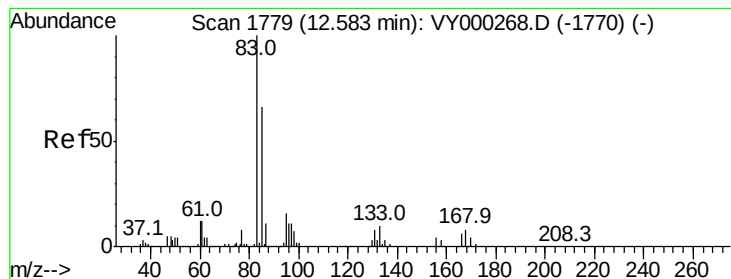
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.388 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.01 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

Instrument :

MSVOA_Y

ClientSampled :

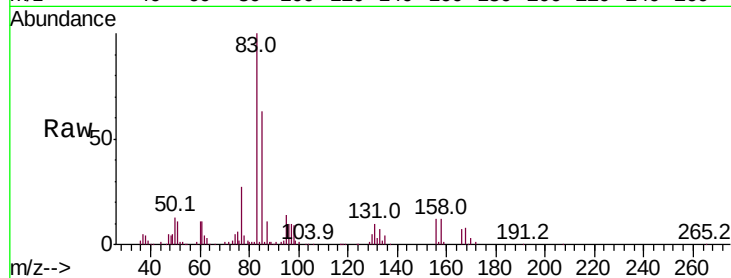
Tot Ion: 83 Resp: 64886

Ion Ratio Lower Upper

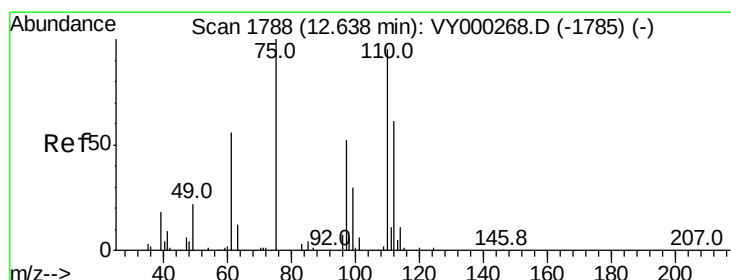
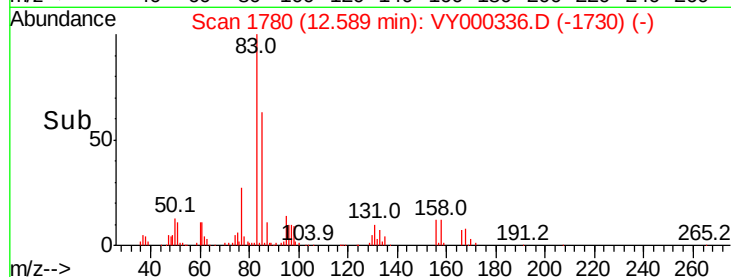
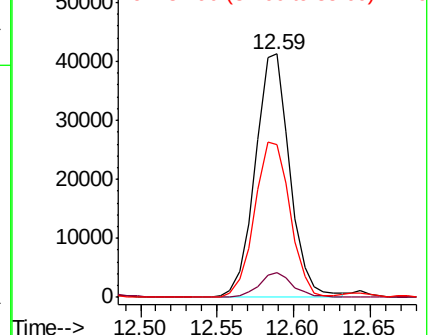
83 100

131 10.0 5.3 16.1

85 65.6 32.9 98.7



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 130.80 (130.50 to 131.50): VY0
Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 37.173 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VY000336.D

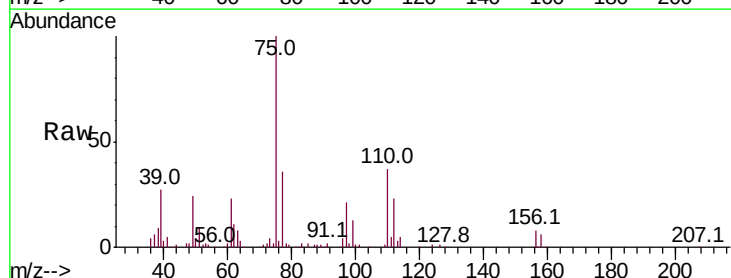
Acq: 17 Oct 2019 11:16

Tgt Ion: 75 Resp: 94723

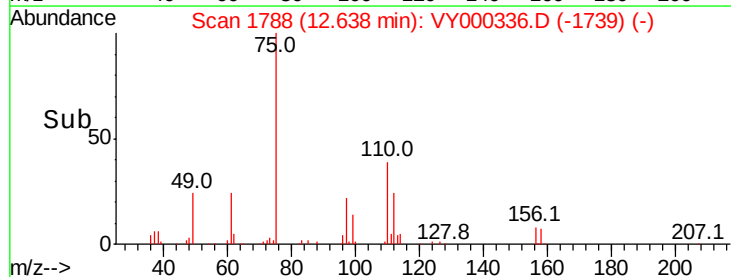
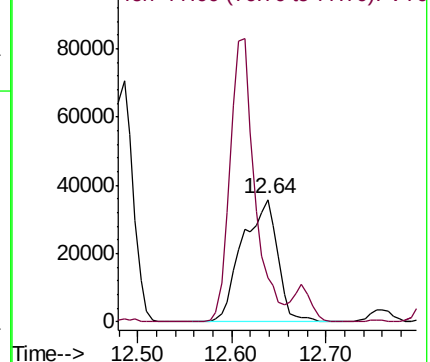
Ion Ratio Lower Upper

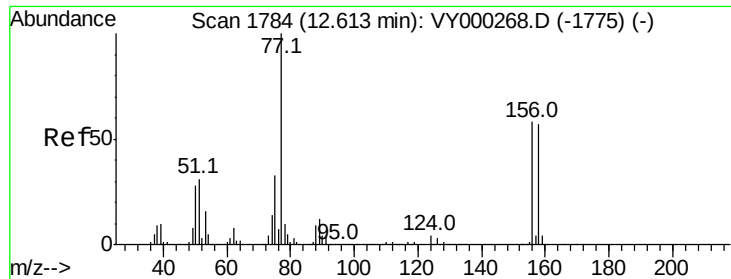
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 21.559 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

Instrument :

MSVOA_Y

ClientSampleId :

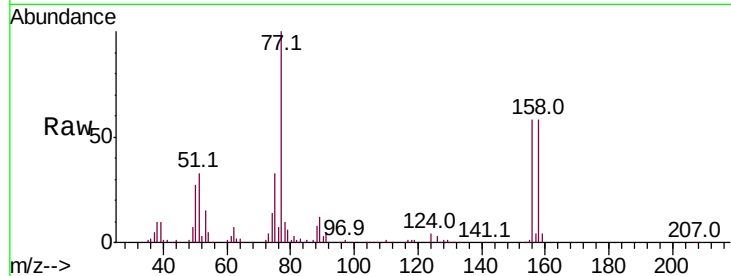
Tot Ion:156 Resp: 77516

Ion	Ratio	Lower	Upper
156	100		
77	197.0	101.0	302.9
158	96.2	49.7	149.1

156 100

77 197.0 101.0 302.9

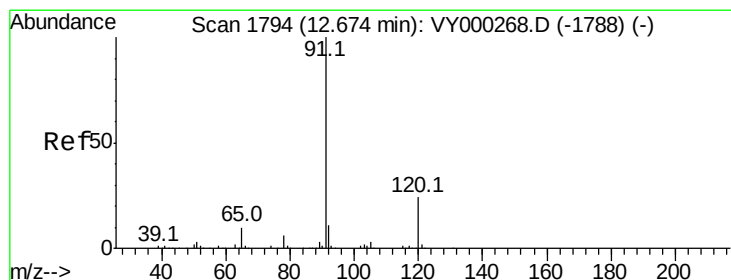
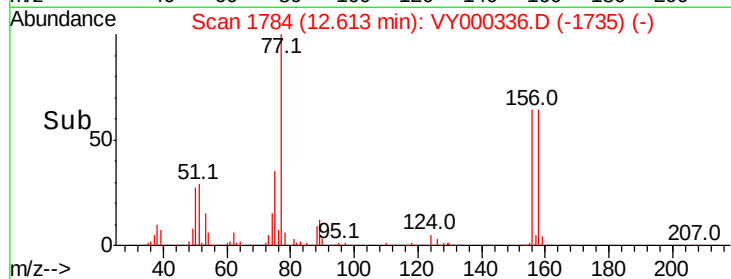
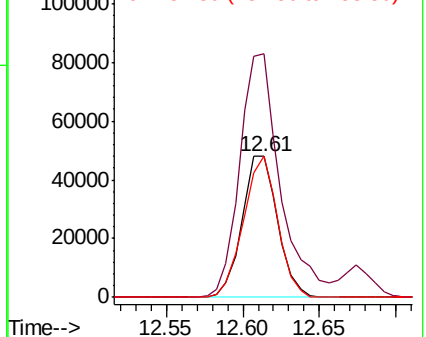
158 96.2 49.7 149.1



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: 20.961 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. 0.00 min

Lab File: VY000336.D

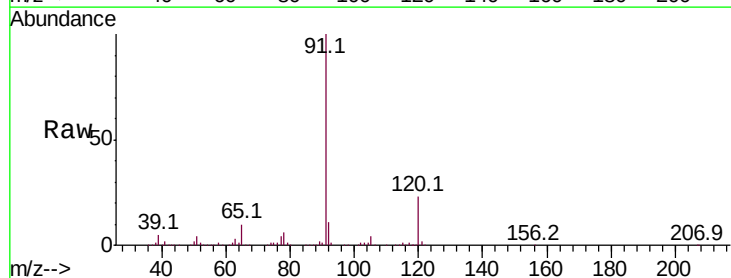
Acq: 17 Oct 2019 11:16

Tgt Ion: 91 Resp: 406637

Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.5	34.5

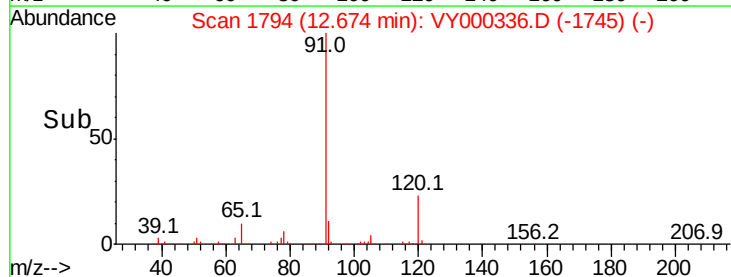
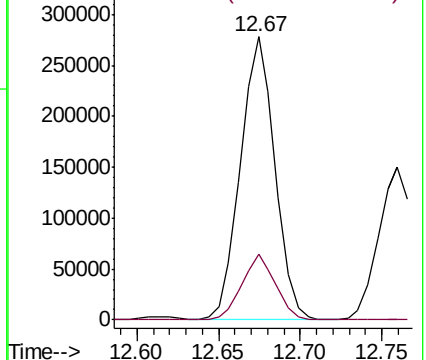
91 100

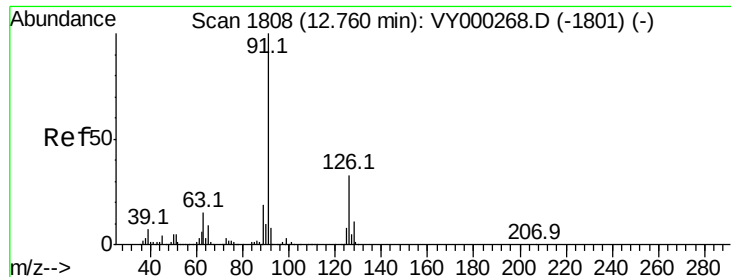
120 22.6 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.335 ug/l

RT: 12.76 min Scan# 1808

Delta R.T. 0.00 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

Instrument :

MSVOA_Y

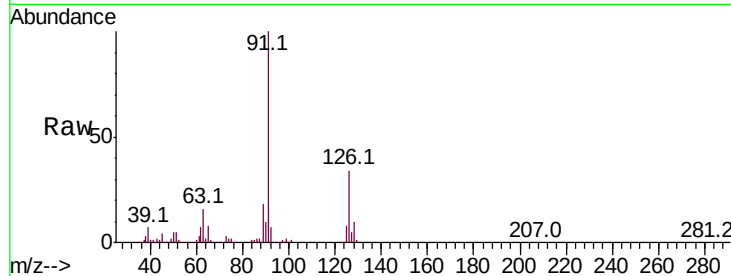
ClientSampleId :

Tot Ion: 91 Resp: 228579

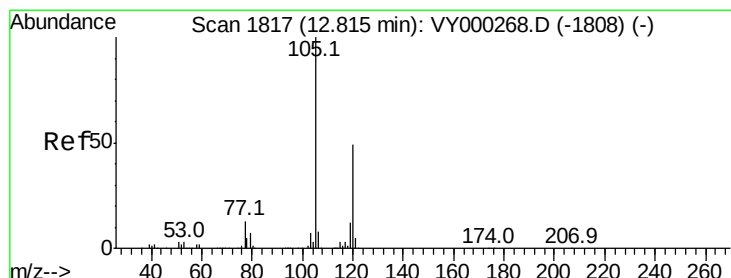
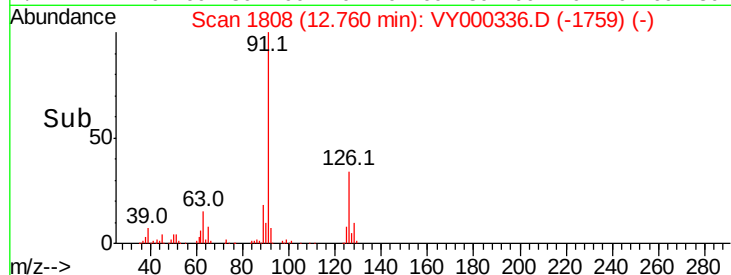
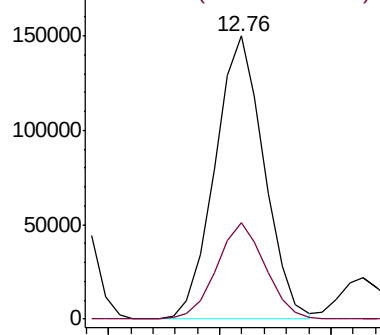
Ion Ratio Lower Upper

91 100

126 33.8 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VY000336.D (-1759) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.155 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY000336.D

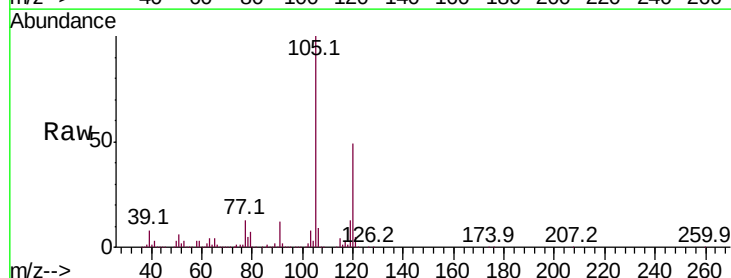
Acq: 17 Oct 2019 11:16

Tgt Ion:105 Resp: 286621

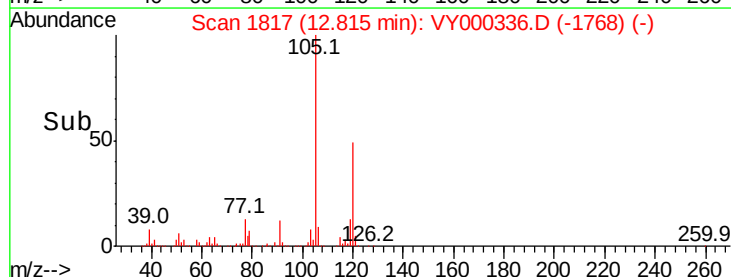
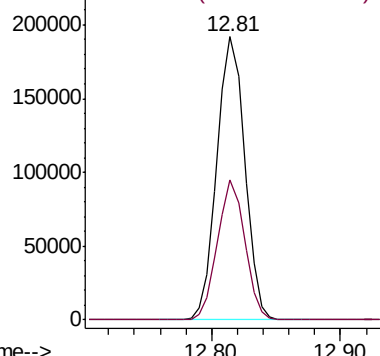
Ion Ratio Lower Upper

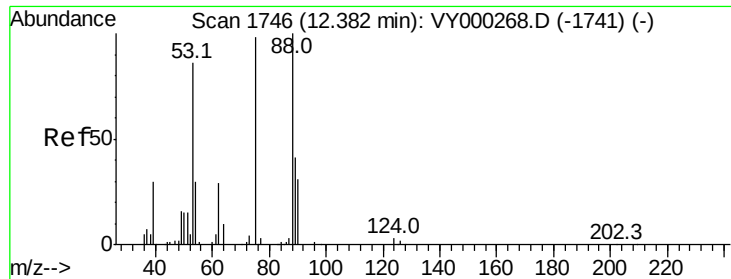
105 100

120 48.4 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000336.D (-1768) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.724 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. 0.00 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

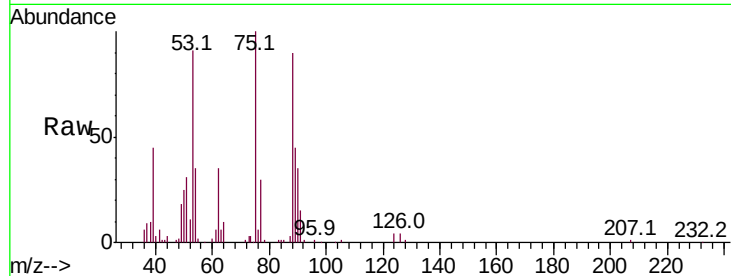
Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 75 Resp: 24135

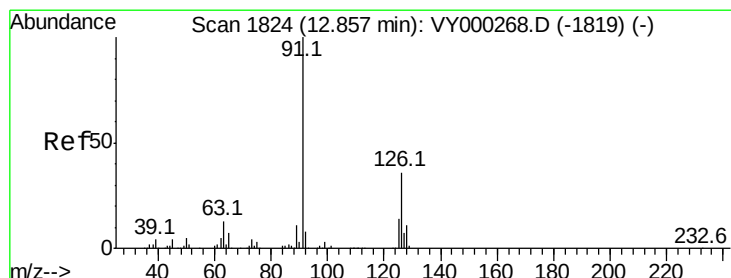
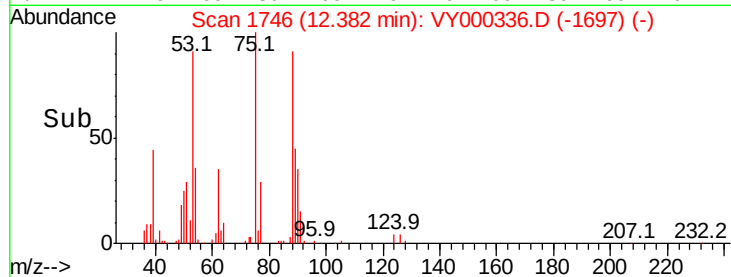
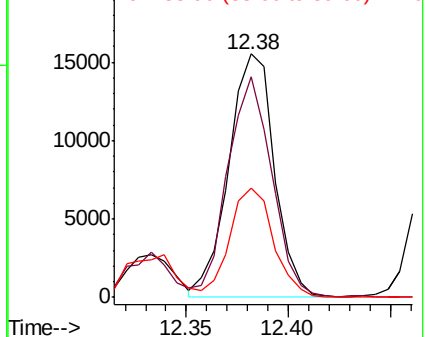
Ion	Ratio	Lower	Upper
75	100		
53	86.9	71.3	106.9
89	42.7	35.1	52.7



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: 21.150 ug/l

RT: 12.86 min Scan# 1824

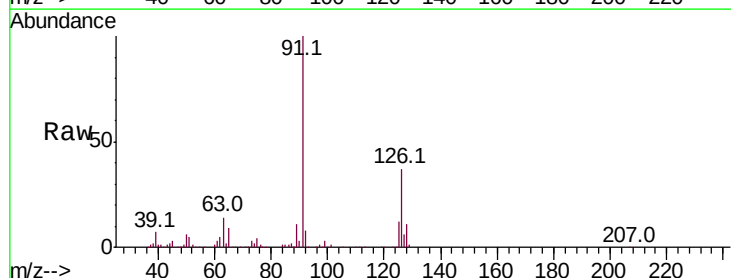
Delta R.T. 0.00 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

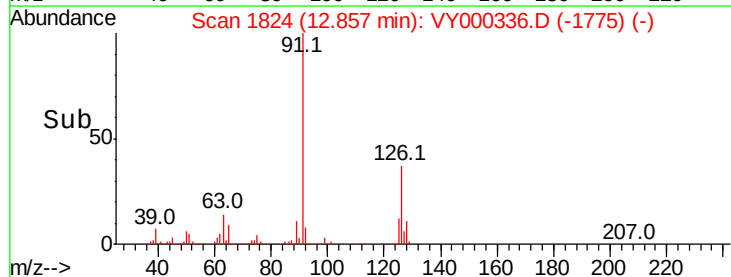
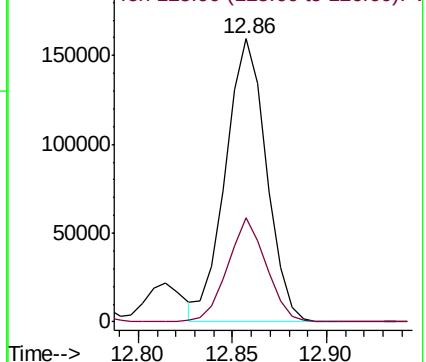
Tgt Ion: 91 Resp: 239524

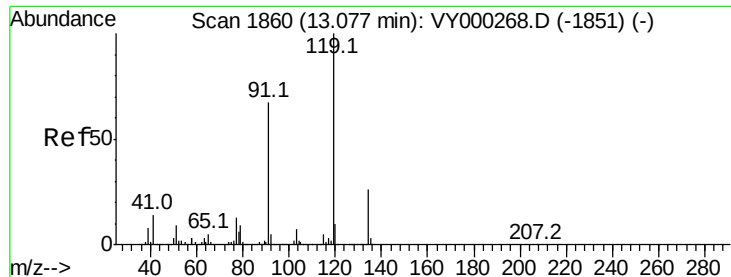
Ion	Ratio	Lower	Upper
91	100		
126	34.8	17.2	51.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 21.131 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

Instrument :

MSVOA_Y

ClientSampleId :

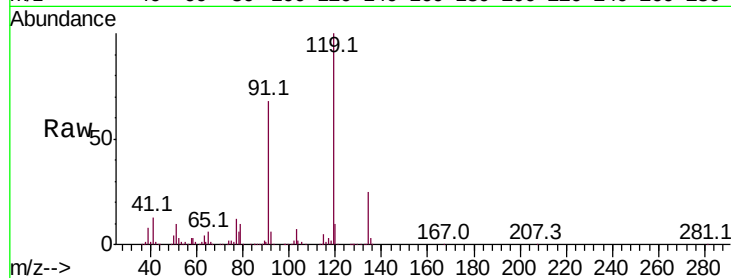
Tot Ion:119 Resp: 242451

Ion Ratio Lower Upper

119 100

91 65.8 32.9 98.7

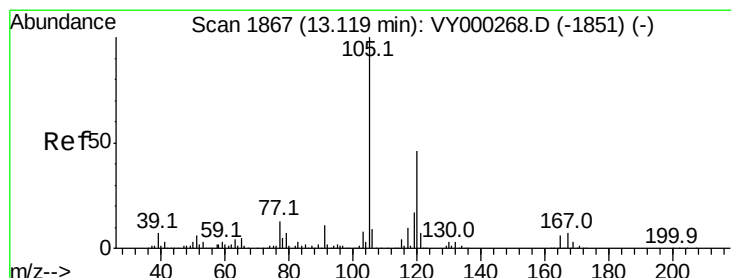
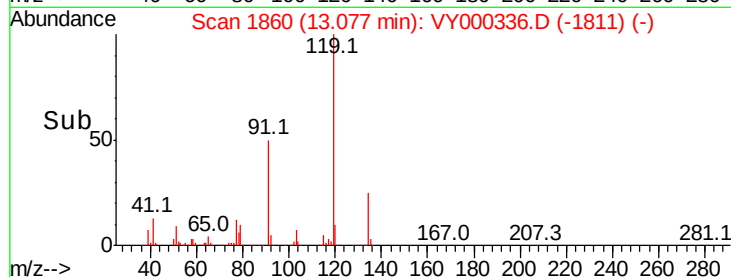
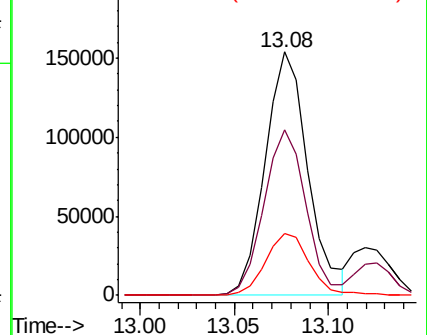
134 26.3 13.3 39.8



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: 21.104 ug/l

RT: 13.13 min Scan# 1868

Delta R.T. 0.01 min

Lab File: VY000336.D

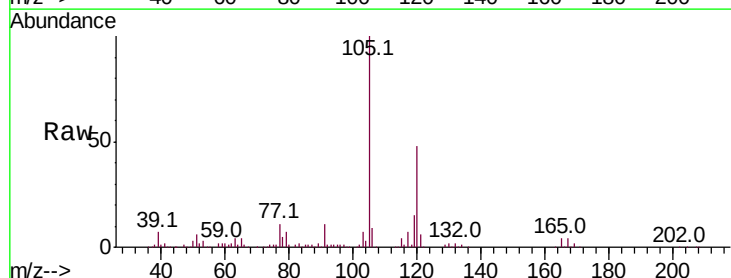
Acq: 17 Oct 2019 11:16

Tgt Ion:105 Resp: 282203

Ion Ratio Lower Upper

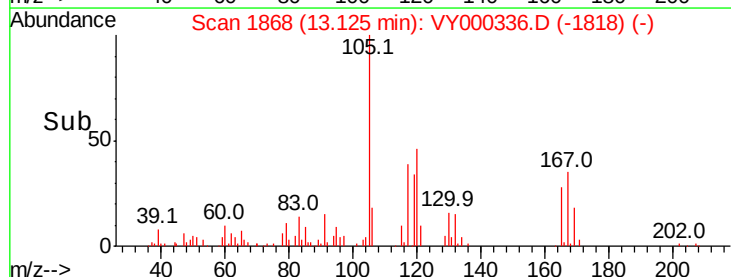
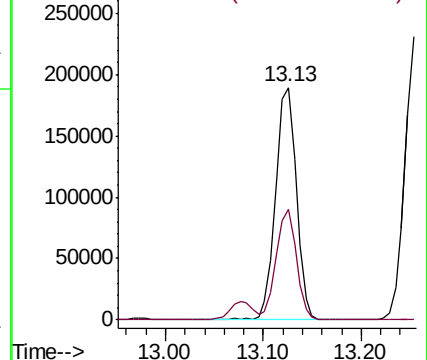
105 100

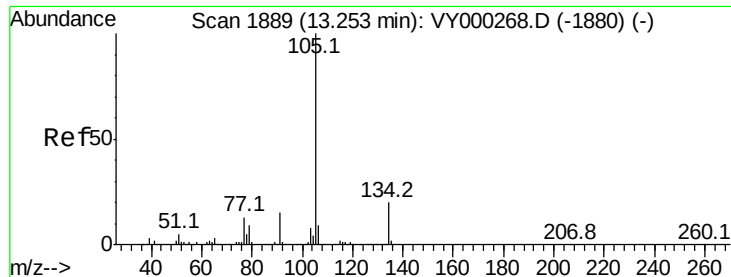
120 46.4 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.185 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

Instrument :

MSVOA_Y

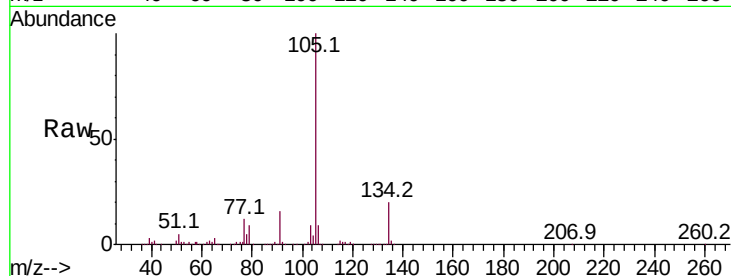
ClientSampleId :

Tot Ion:105 Resp: 351624

Ion Ratio Lower Upper

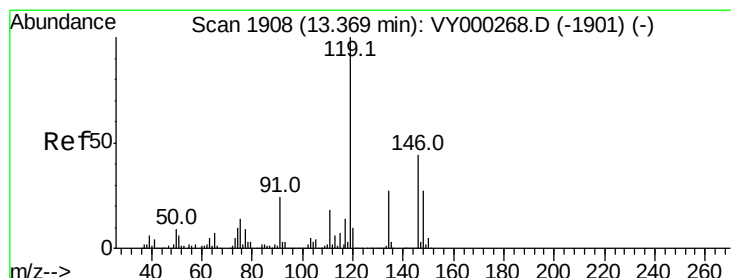
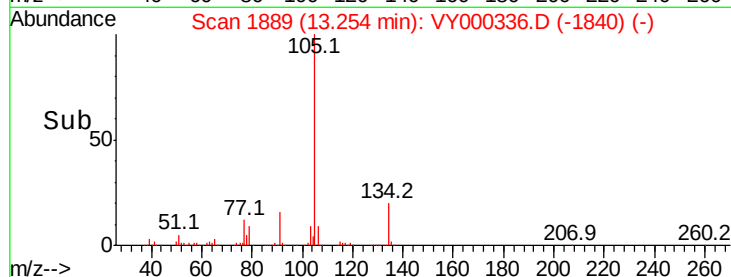
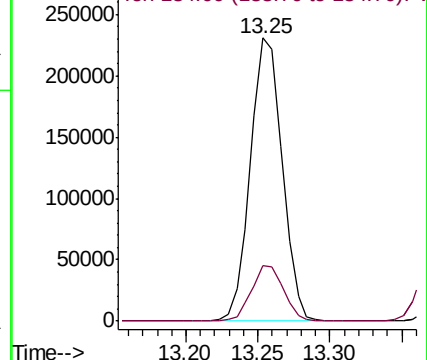
105 100

134 19.7 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.753 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.01 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

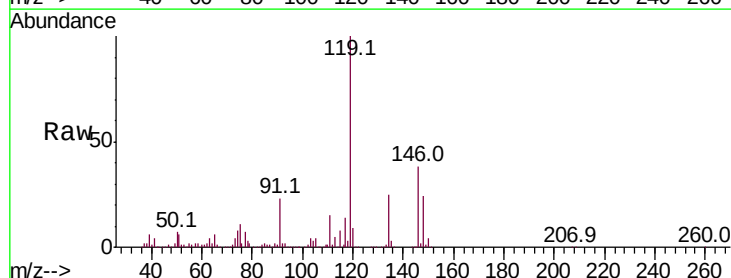
Tgt Ion:119 Resp: 314773

Ion Ratio Lower Upper

119 100

134 26.7 13.6 40.8

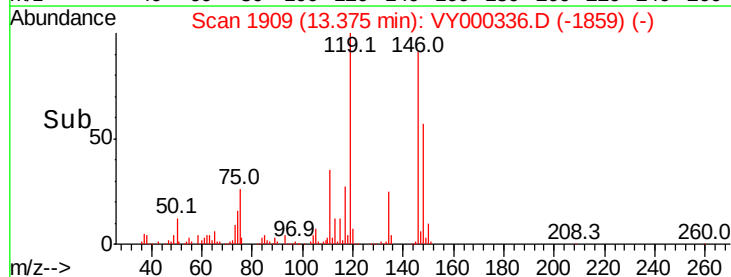
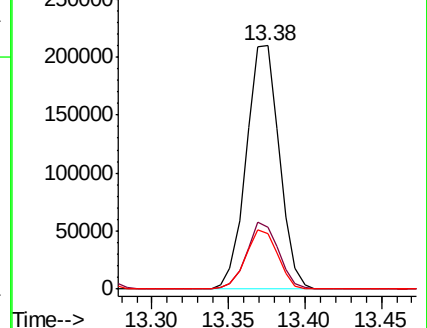
91 23.5 12.0 36.1

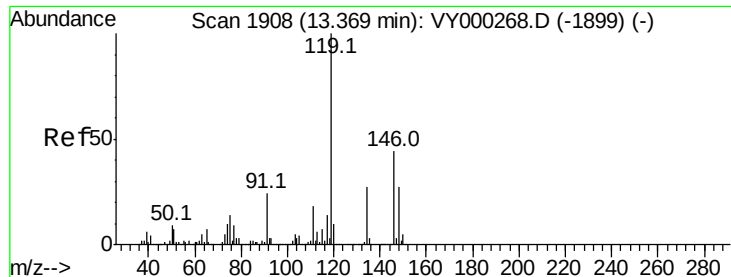


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

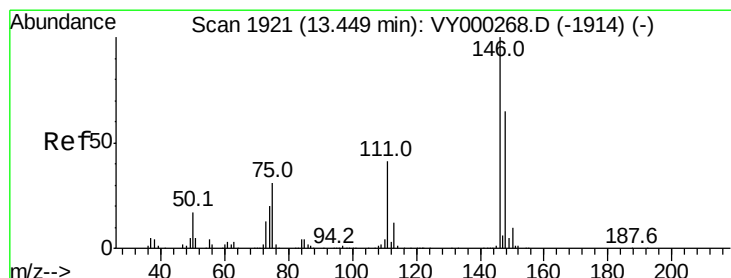
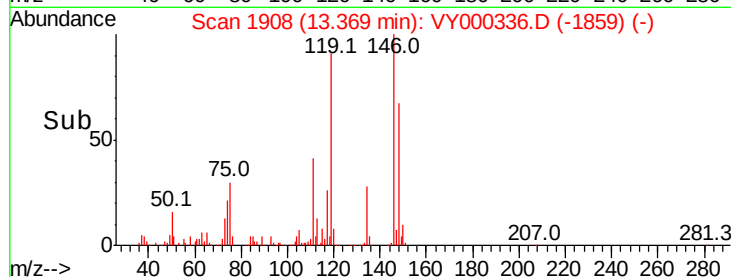
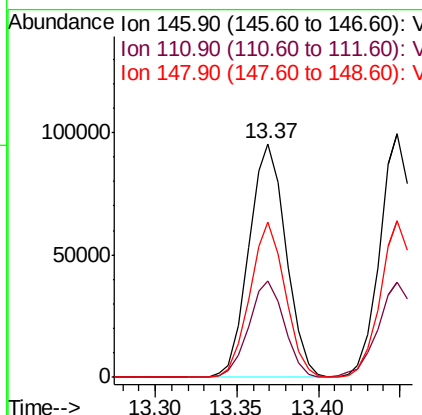
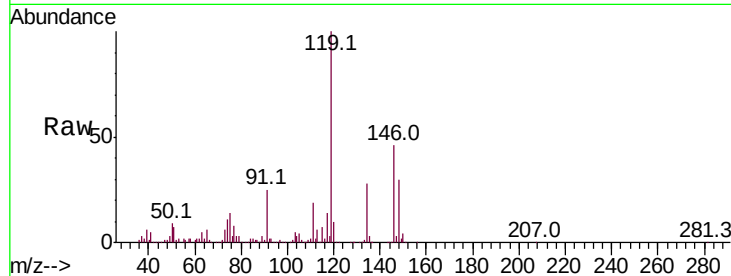




#87
 1,3-Dichlorobenzene
 Concen: 21.201 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY000336.D
 Acq: 17 Oct 2019 11:16

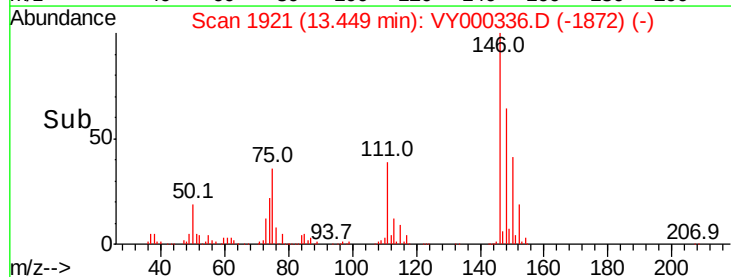
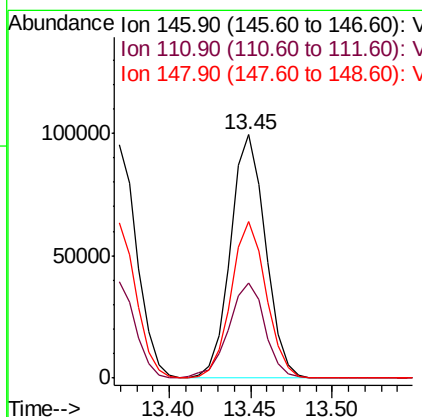
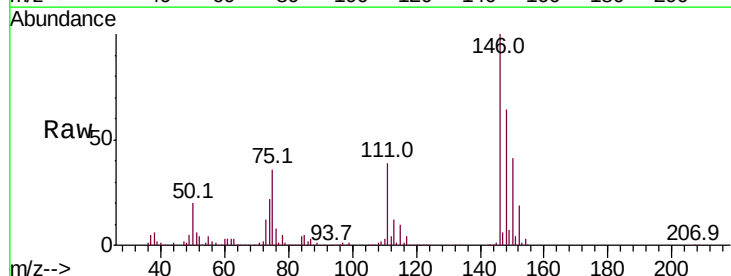
Instrument :
 MSVOA_Y
 ClientSampleId :

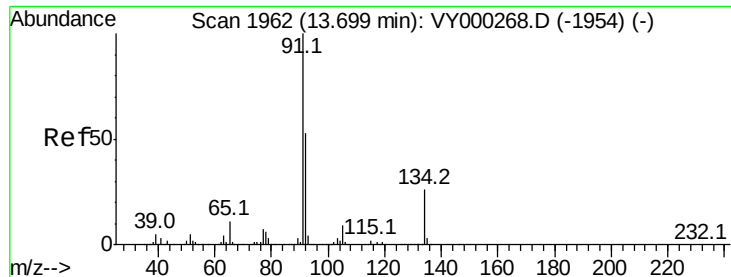
Tot Ion:146 Resp: 150188
 Ion Ratio Lower Upper
 146 100
 111 39.7 20.6 61.8
 148 63.4 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 20.954 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: VY000336.D
 Acq: 17 Oct 2019 11:16

Tgt Ion:146 Resp: 148369
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.1 60.2
 148 64.4 32.4 97.2

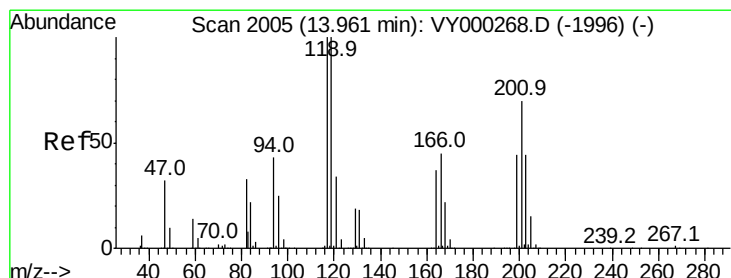
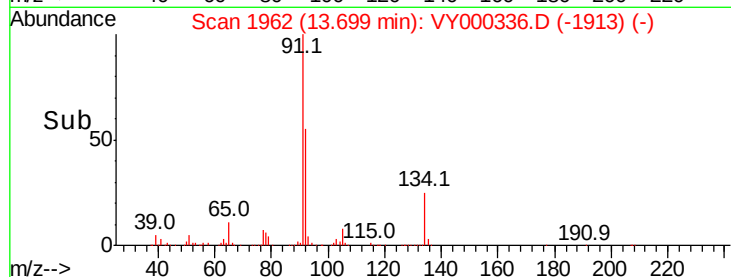
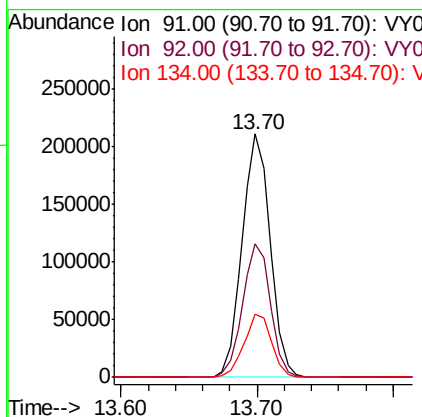
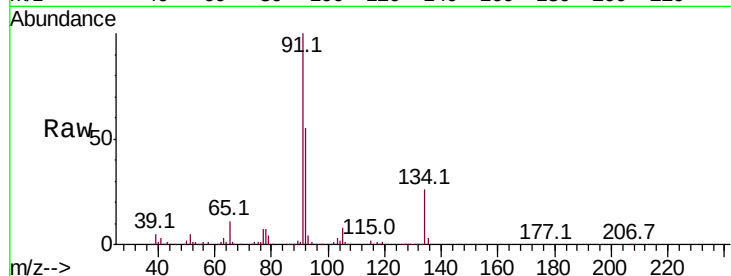




#89
n-Butylbenzene
Concen: 21.283 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.00 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

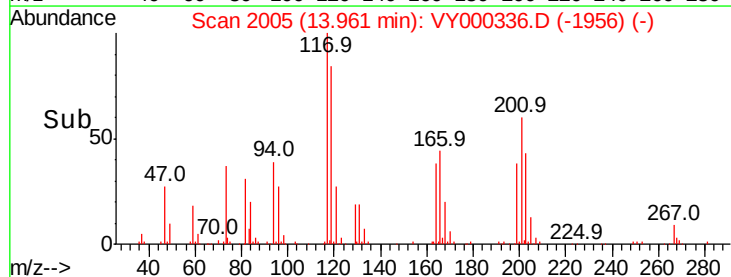
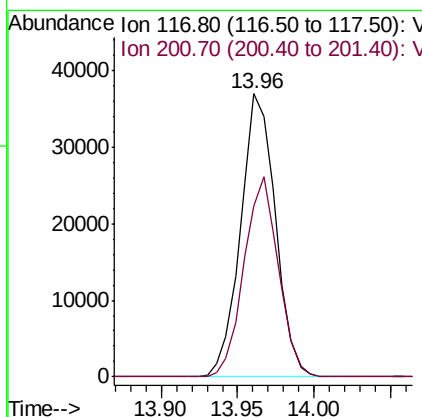
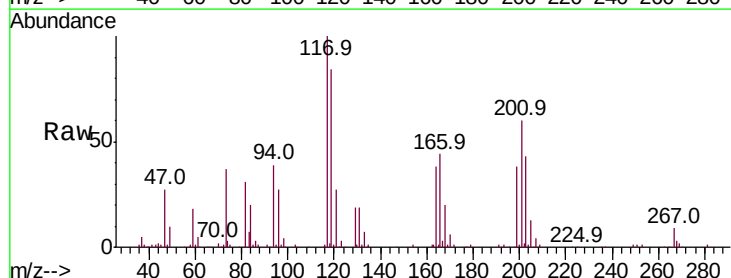
Instrument :
MSVOA_Y
ClientSampleId :

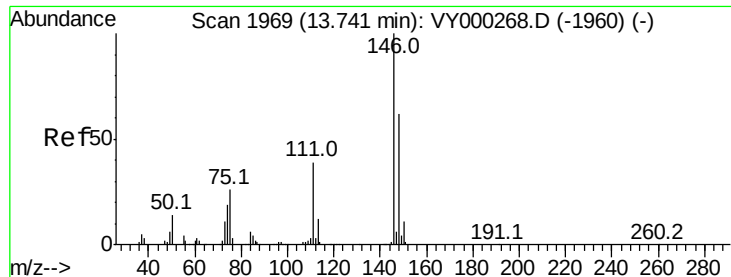
Tot Ion: 91 Resp: 304340
Ion Ratio Lower Upper
91 100
92 54.3 26.7 80.1
134 25.8 13.0 38.9



#90
Hexachloroethane
Concen: 21.798 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

Tgt Ion: 117 Resp: 58408
Ion Ratio Lower Upper
117 100
201 69.8 36.3 108.7





#91

1,2-Dichlorobenzene

Concen: 21.766 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.00 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

Instrument :

MSVOA_Y

ClientSampled :

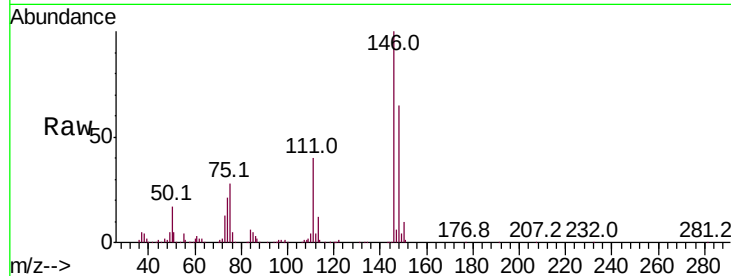
Tot Ion:146 Resp: 139542

Ion Ratio Lower Upper

146 100

111 40.3 20.5 61.5

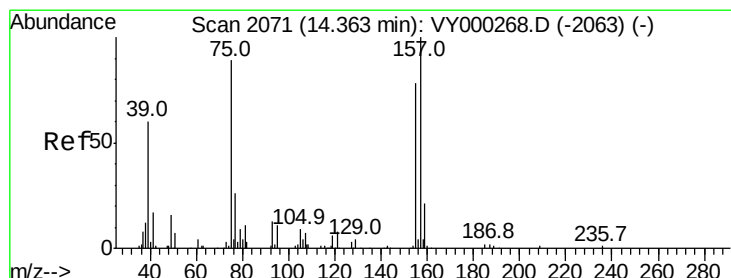
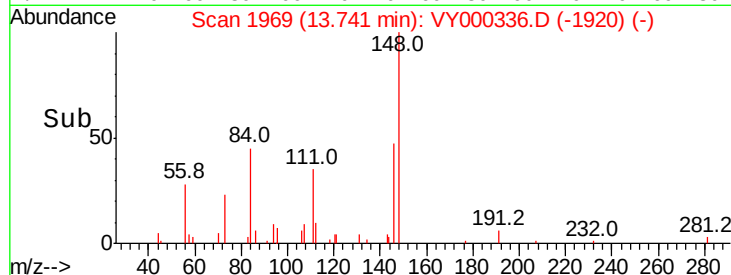
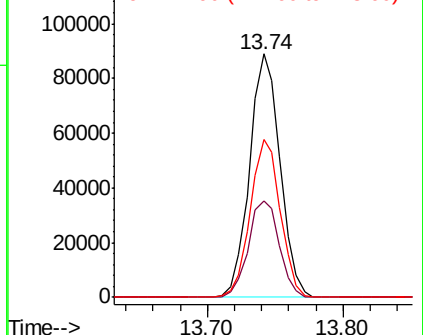
148 64.2 31.6 95.0



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: 22.584 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.01 min

Lab File: VY000336.D

Acq: 17 Oct 2019 11:16

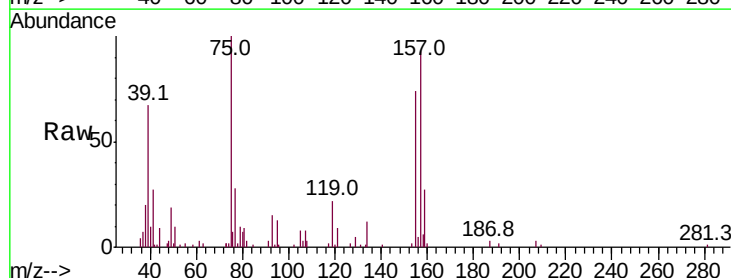
Tgt Ion: 75 Resp: 12994

Ion Ratio Lower Upper

75 100

155 80.9 45.8 137.3

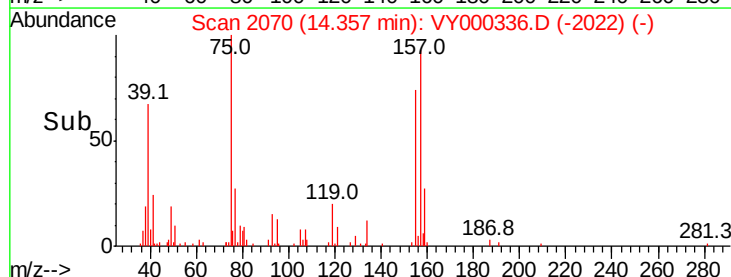
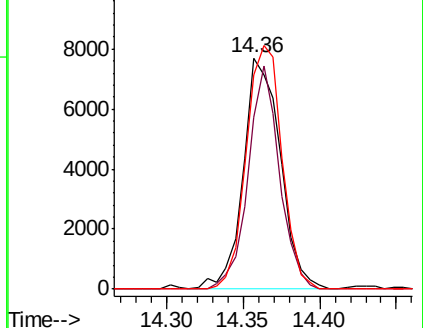
157 101.5 55.6 166.9

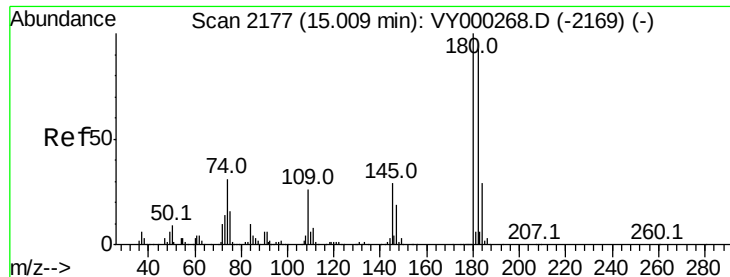


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

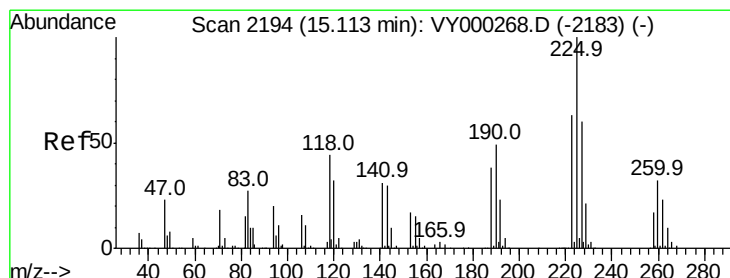
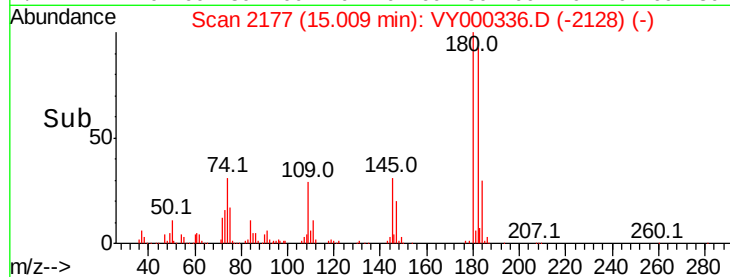
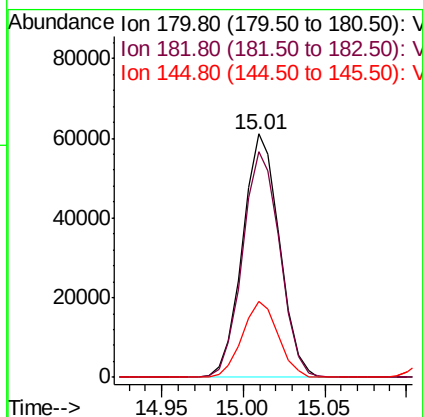
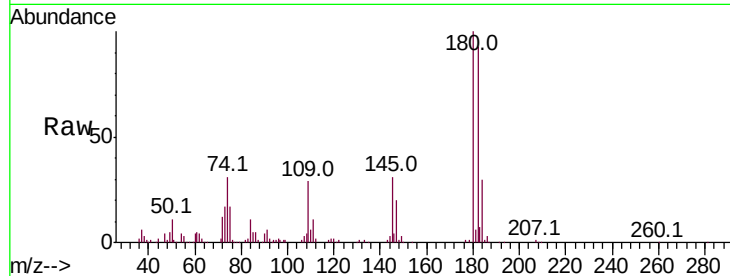




#93
 1,2,4-Trichlorobenzene
 Concen: 21.506 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY000336.D
 Acq: 17 Oct 2019 11:16

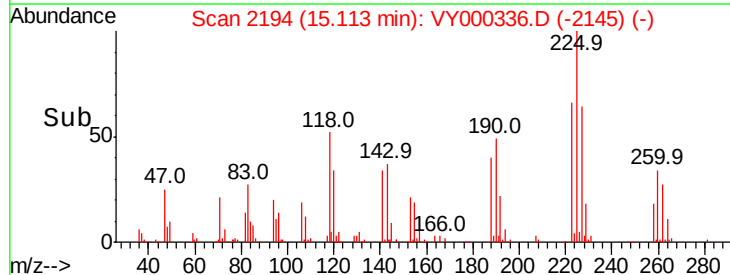
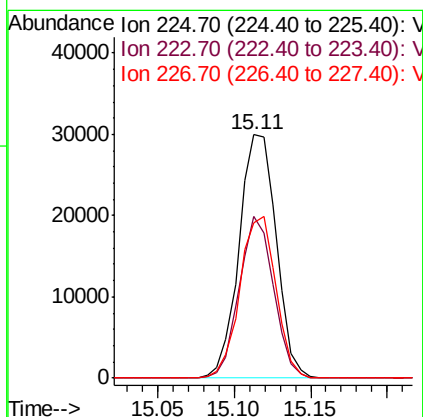
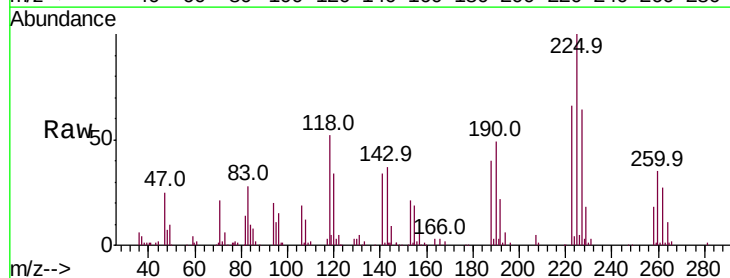
Instrument :
 MSVOA_Y
 ClientSampleId :

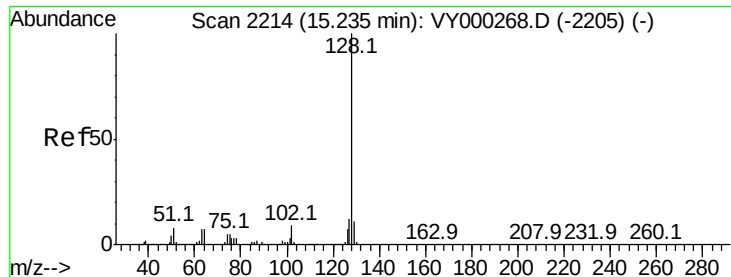
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.5	142.6
145	30.5	15.4	46.1



#94
 Hexachlorobutadiene
 Concen: 20.979 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VY000336.D
 Acq: 17 Oct 2019 11:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	31.9	95.7
227	64.3	31.4	94.2

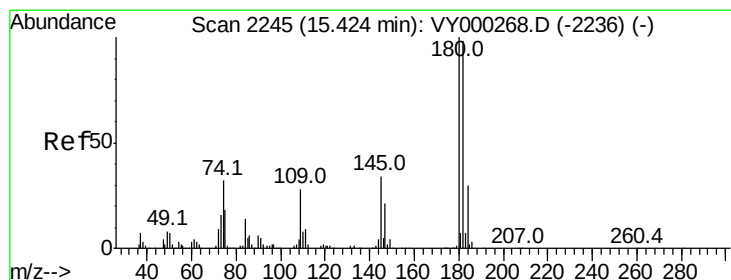
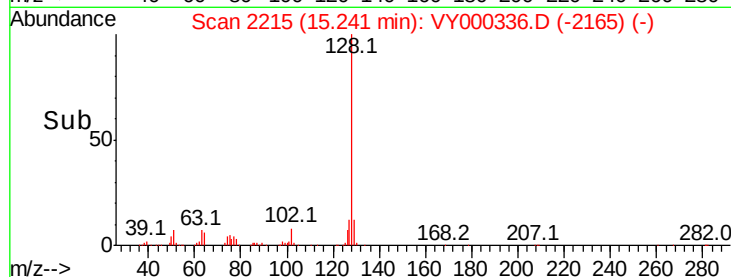
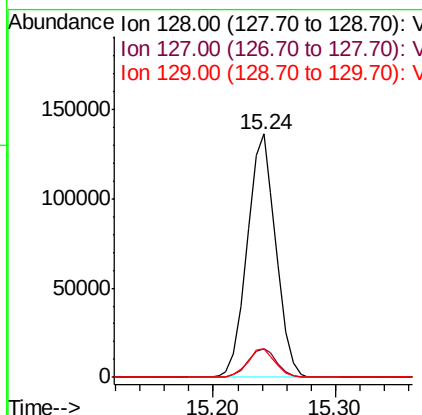
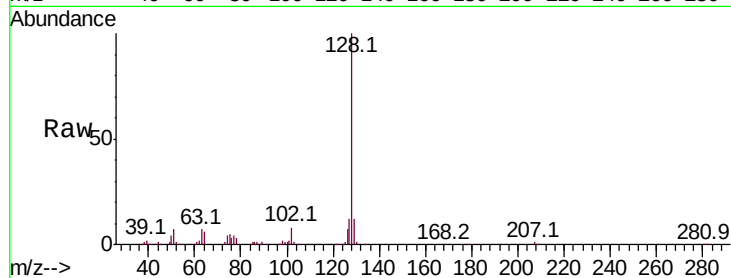




#95
Naphthalene
Concen: 22.181 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.01 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.9	9.6	14.4
129	11.4	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 21.372 ug/l
RT: 15.43 min Scan# 2246
Delta R.T. 0.01 min
Lab File: VY000336.D
Acq: 17 Oct 2019 11:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	46.5	139.5
145	33.6	16.2	48.5

