

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102519\
 Data File : VY000422.D
 Acq On : 25 Oct 2019 12:30
 Operator : SY/MD
 Sample : VW1025SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 26 01:43:31 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	208926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	344646	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	313641	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	150123	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	110652	50.21	ug/l	0.00
Spiked Amount			Recovery	=	100.42%	
35) Dibromofluoromethane	7.73	113	100855	48.51	ug/l	0.00
Spiked Amount			Recovery	=	97.02%	
50) Toluene-d8	10.18	98	396465	49.58	ug/l	0.00
Spiked Amount			Recovery	=	99.16%	
62) 4-Bromofluorobenzene	12.48	95	143750	47.31	ug/l	0.00
Spiked Amount			Recovery	=	94.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	41577	22.825	ug/l	93
3) Chloromethane	2.12	50	63533	24.886	ug/l	98
4) Vinyl Chloride	2.25	62	55223	21.433	ug/l	97
5) Bromomethane	2.63	94	34491	18.063	ug/l	95
6) Chloroethane	2.79	64	36731	22.094	ug/l	97
7) Trichlorofluoromethane	3.13	101	77772	22.067	ug/l	99
8) Diethyl Ether	3.54	74	26756	21.489	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.90	101	48483	22.683	ug/l	98
10) Methyl Iodide	4.10	142	49283	16.990	ug/l	99
11) Tert butyl alcohol	4.98	59	23954	103.862	ug/l	96
12) 1,1-Dichloroethene	3.88	96	47586	22.552	ug/l	86
13) Acrolein	3.73	56	19011	70.308	ug/l	93
14) Allyl chloride	4.49	41	76948	22.005	ug/l	98
15) Acrylonitrile	5.18	53	77198	110.775	ug/l	98
16) Acetone	3.96	43	69514	97.400	ug/l	97
17) Carbon Disulfide	4.19	76	133076	20.030	ug/l	98
18) Methyl Acetate	4.49	43	37495	21.145	ug/l	94
19) Methyl tert-butyl Ether	5.23	73	134355	22.873	ug/l	95
20) Methylene Chloride	4.72	84	56707	20.359	ug/l	96
21) trans-1,2-Dichloroethene	5.23	96	51998	21.479	ug/l	89
22) Diisopropyl ether	6.13	45	167279	22.618	ug/l	95
23) Vinyl Acetate	6.07	43	529989	109.844	ug/l	99
24) 1,1-Dichloroethane	6.03	63	90685	22.464	ug/l	98
25) 2-Butanone	7.00	43	106528	105.959	ug/l	97
26) 2,2-Dichloropropane	6.99	77	82414	22.155	ug/l	97
27) cis-1,2-Dichloroethene	7.00	96	58300	22.255	ug/l	100
28) Bromochloromethane	7.35	49	33287	19.208	ug/l	94
29) Tetrahydrofuran	7.36	42	64238	105.430	ug/l	99
30) Chloroform	7.52	83	91172	22.426	ug/l	93
31) Cyclohexane	7.79	56	89581	21.246	ug/l #	95
32) 1,1,1-Trichloroethane	7.71	97	81494	22.547	ug/l	99
36) 1,1-Dichloropropene	7.93	75	73275	21.716	ug/l	99
37) Ethyl Acetate	7.08	43	42201	21.122	ug/l	98
38) Carbon Tetrachloride	7.91	117	71080	21.756	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102519\
 Data File : VY000422.D
 Acq On : 25 Oct 2019 12:30
 Operator : SY/MD
 Sample : VW1025SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 26 01:43:31 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)
39) Methylcyclohexane	9.19	83	92065	20.847	ug/l	93
40) Benzene	8.17	78	213659	21.911	ug/l	94
41) Methacrylonitrile	7.36	41	59916	63.000	ug/l #	26
42) 1,2-Dichloroethane	8.24	62	61592	22.112	ug/l	99
43) Isopropyl Acetate	8.28	43	81922	21.564	ug/l	99
44) Trichloroethene	8.95	130	57345	20.959	ug/l	98
45) 1,2-Dichloropropane	9.22	63	53499	22.356	ug/l	93
46) Dibromomethane	9.31	93	28498	21.303	ug/l	99
47) Bromodichloromethane	9.50	83	69169	21.940	ug/l #	96
48) Methyl methacrylate	9.30	41	34553	20.753	ug/l	95
49) 1,4-Dioxane	9.30	88	8154	406.526	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	219326	111.933	ug/l	100
52) Toluene	10.25	92	136548	22.056	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	73822	21.849	ug/l	100
54) cis-1,3-Dichloropropene	9.94	75	86289	22.489	ug/l	95
55) 1,1,2-Trichloroethane	10.64	97	42261	21.728	ug/l	97
56) Ethyl methacrylate	10.51	69	59479	21.454	ug/l	96
57) 1,3-Dichloropropane	10.79	76	75589	22.629	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	134021	121.197	ug/l	99
59) 2-Hexanone	10.83	43	158755	115.429	ug/l	98
60) Dibromochloromethane	10.99	129	46459	21.550	ug/l	99
61) 1,2-Dibromoethane	11.09	107	41700	22.329	ug/l	97
64) Tetrachloroethene	10.72	164	58444	19.573	ug/l	96
65) Chlorobenzene	11.52	112	142508	21.529	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.59	131	50213	21.595	ug/l	98
67) Ethyl Benzene	11.60	91	262674	21.407	ug/l	98
68) m/p-Xylenes	11.70	106	198700	42.359	ug/l	98
69) o-Xylene	12.03	106	94418	21.099	ug/l	99
70) Styrene	12.05	104	161826	21.443	ug/l	99
71) Bromoform	12.21	173	28383	21.234	ug/l #	100
73) Isopropylbenzene	12.33	105	250753	21.422	ug/l	98
74) N-amyl acetate	12.14	43	73384	25.536	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	51643	23.498	ug/l	96
76) 1,2,3-Trichloropropane	12.63	75	68701	37.216	ug/l #	100
77) Bromobenzene	12.61	156	58106	22.308	ug/l	96
78) n-propylbenzene	12.67	91	308741	21.968	ug/l	100
79) 2-Chlorotoluene	12.75	91	172538	22.229	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	215171	21.922	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	17330	20.540	ug/l	96
82) 4-Chlorotoluene	12.85	91	179669	21.899	ug/l	99
83) tert-Butylbenzene	13.08	119	184924	22.248	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	212510	21.937	ug/l	100
85) sec-Butylbenzene	13.25	105	265030	22.041	ug/l	99
86) p-Isopropyltoluene	13.37	119	234752	22.393	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	115810	22.566	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	117003	22.809	ug/l	97
89) n-Butylbenzene	13.69	91	227853	21.995	ug/l	100
90) Hexachloroethane	13.96	117	42892	22.096	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	105643	22.746	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	8833	21.191	ug/l	97

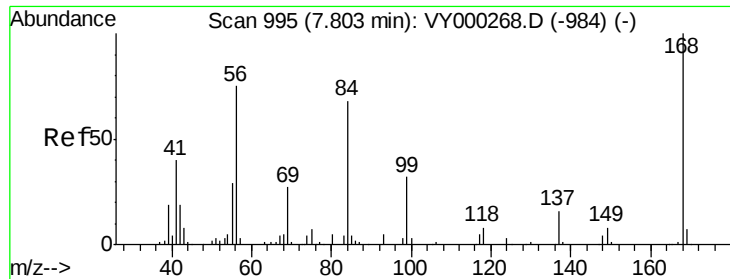
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102519\
Data File : VY000422.D
Acq On : 25 Oct 2019 12:30
Operator : SY/MD
Sample : VW1025SBSD01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 26 01:43:31 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)
93) 1,2,4-Trichlorobenzene	15.00	180	74900	23.163	ug/l	98
94) Hexachlorobutadiene	15.11	225	38498	21.999	ug/l	96
95) Naphthalene	15.23	128	164248	22.761	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	67265	23.081	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

Instrument :

MSVOA_Y

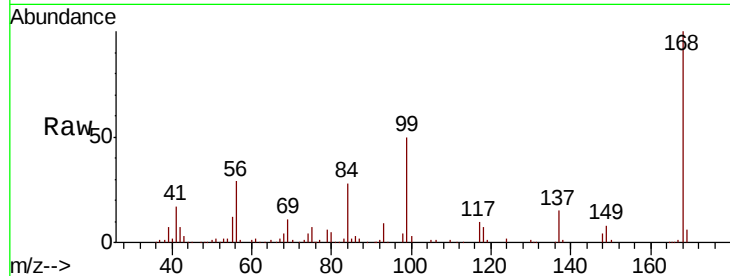
ClientSampleId :

Tot Ion:168 Resp: 208926

Ion Ratio Lower Upper

168 100

99 49.7 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000422.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000422.D (-946) (-)

7.80

100000

80000

60000

40000

20000

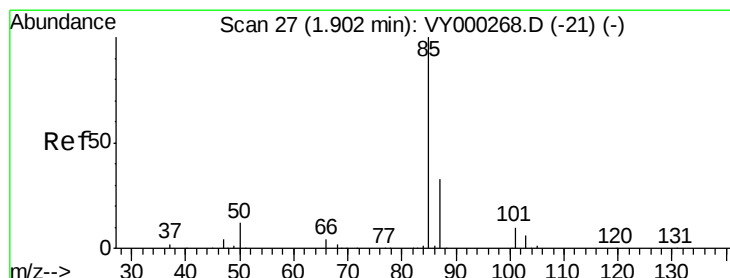
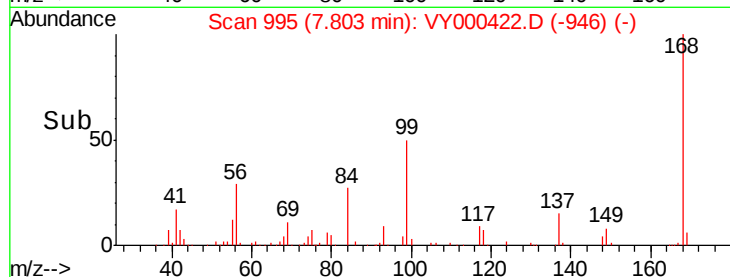
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 22.825 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000422.D

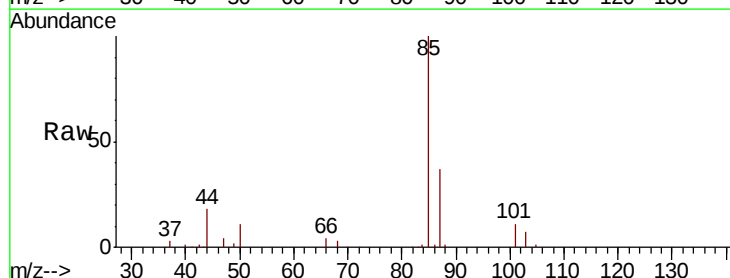
Acq: 25 Oct 2019 12:30

Tgt Ion: 85 Resp: 41577

Ion Ratio Lower Upper

85 100

87 37.4 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VY000422.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY000422.D (-1) (-)

1.90

25000

20000

15000

10000

5000

0

1.80

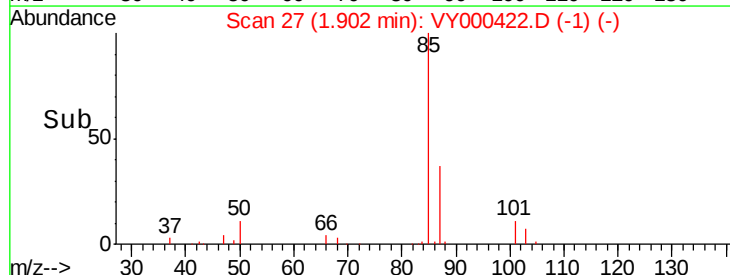
1.85

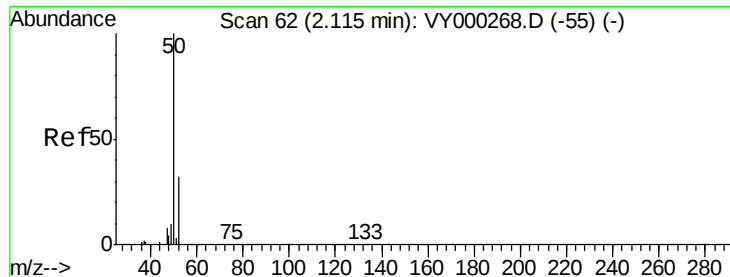
1.90

1.95

2.00

Time-->





#3

Chloromethane

Concen: 24.886 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

Instrument :

MSVOA_Y

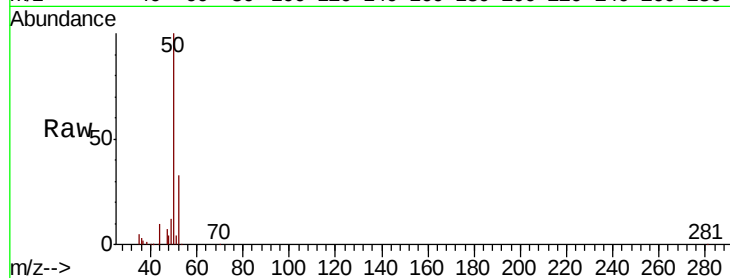
ClientSampleId :

Tot Ion: 50 Resp: 63533

Ion Ratio Lower Upper

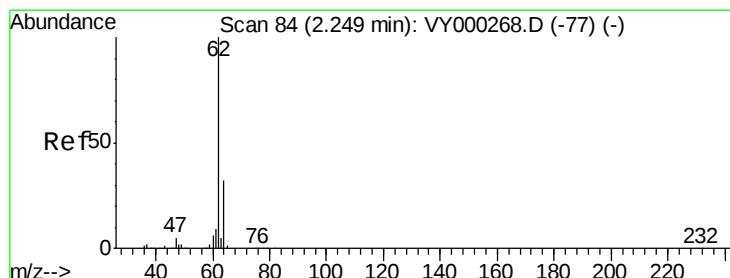
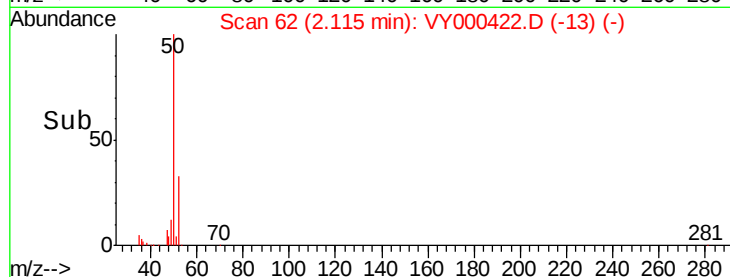
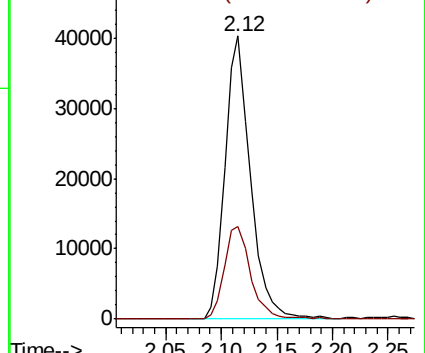
50 100

52 32.9 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 21.433 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000422.D

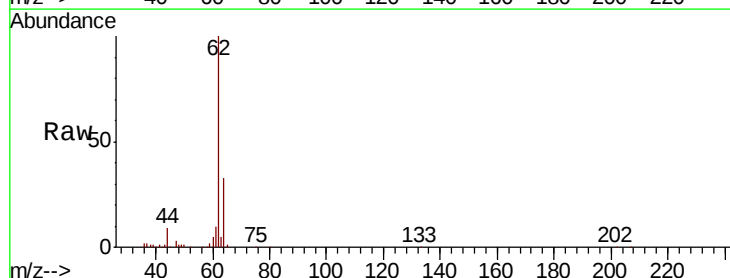
Acq: 25 Oct 2019 12:30

Tgt Ion: 62 Resp: 55223

Ion Ratio Lower Upper

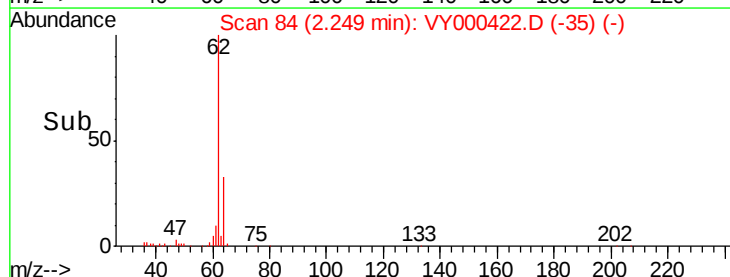
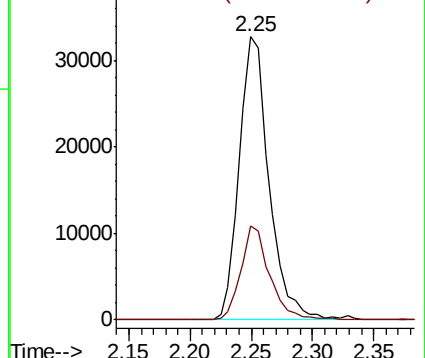
62 100

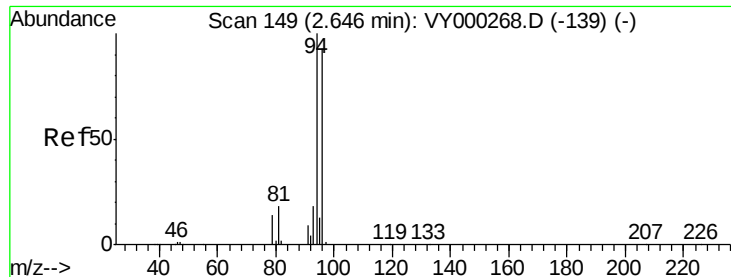
64 33.4 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 18.063 ug/l

RT: 2.63 min Scan# 147

Delta R.T. -0.01 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

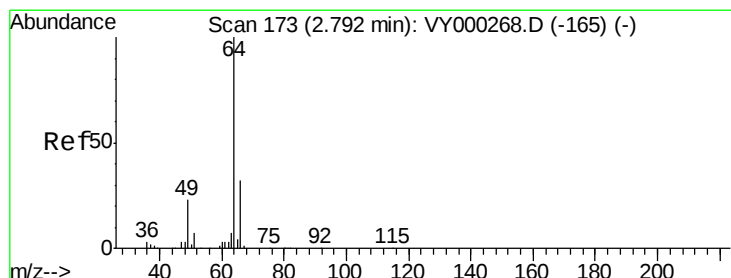
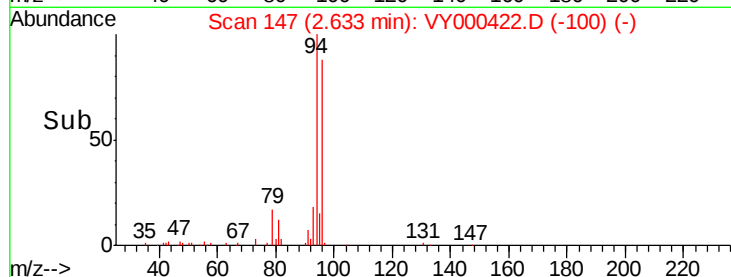
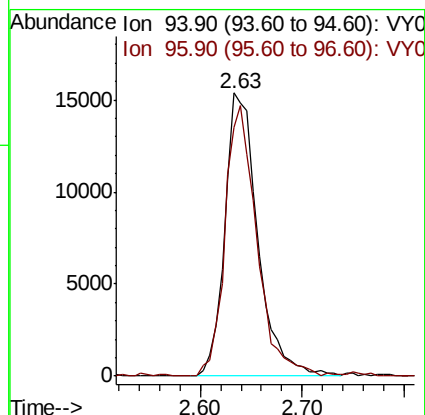
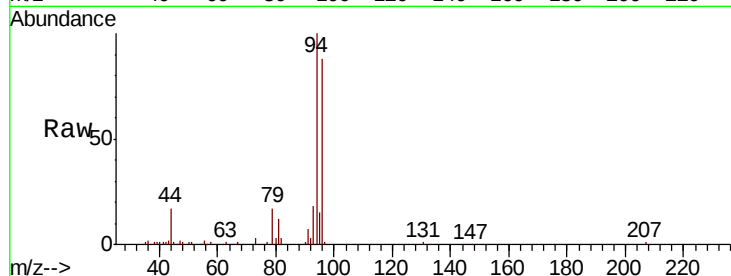
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 94 Resp: 34491

Ion Ratio Lower Upper

94 100

96 87.7 74.2 111.2



#6

Chloroethane

Concen: 22.094 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000422.D

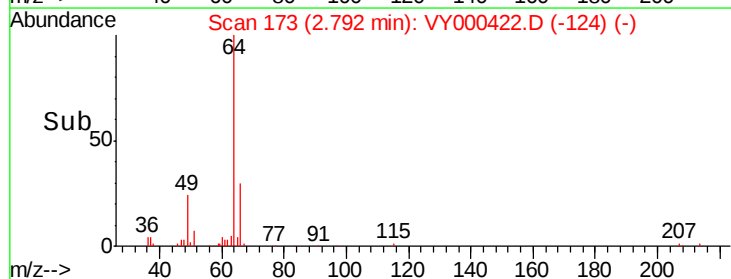
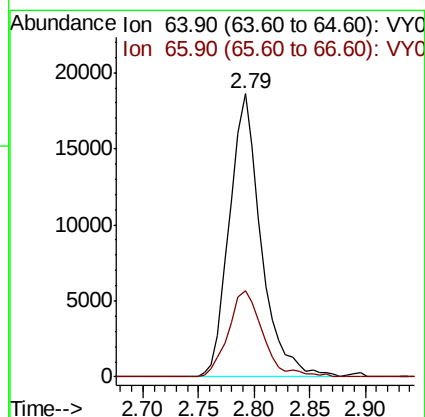
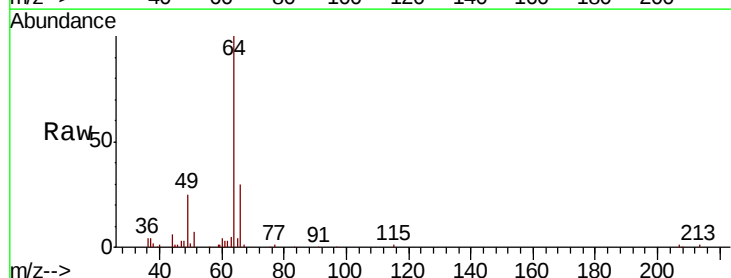
Acq: 25 Oct 2019 12:30

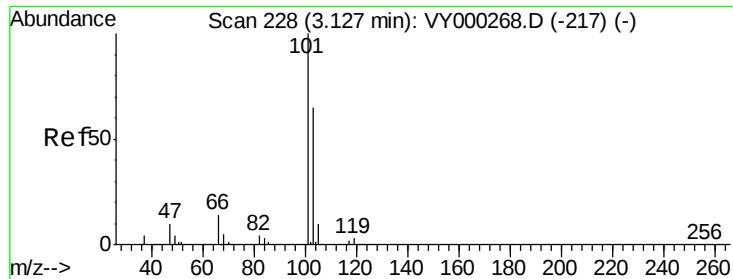
Tgt Ion: 64 Resp: 36731

Ion Ratio Lower Upper

64 100

66 30.4 25.6 38.4



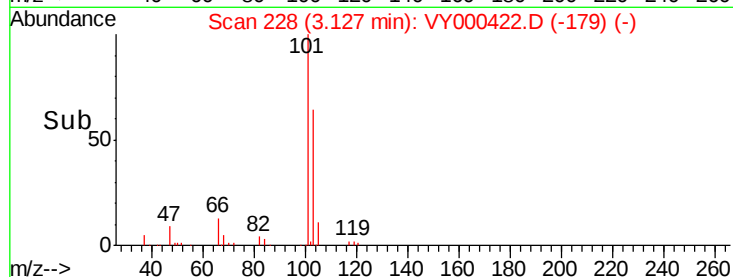
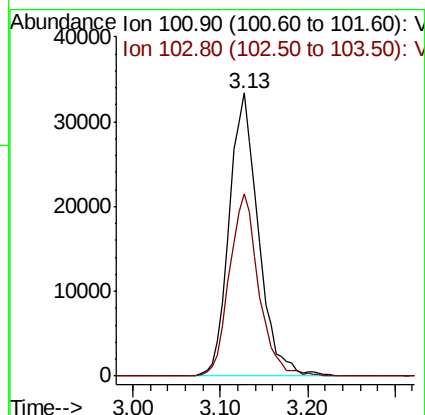
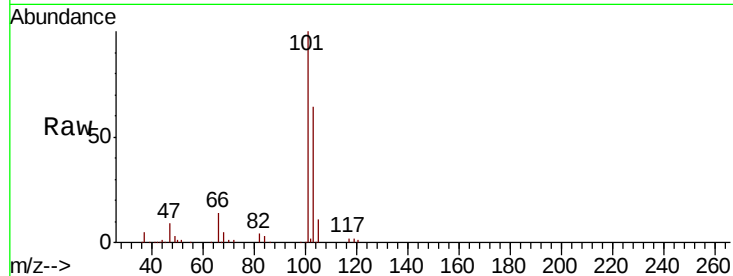


#7

Trichlorofluoromethane
 Concen: 22.067 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000422.D
 Acq: 25 Oct 2019 12:30

Instrument :
 MSVOA_Y
 ClientSampleId :

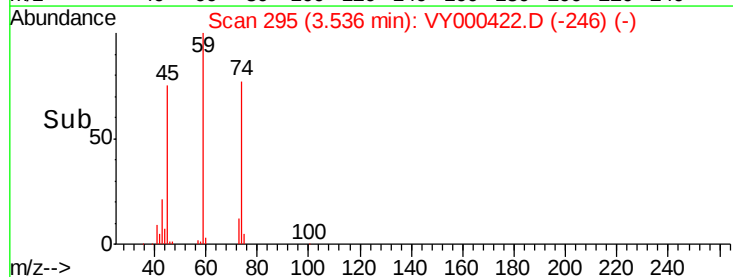
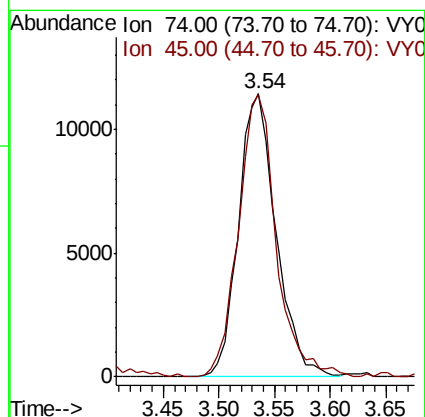
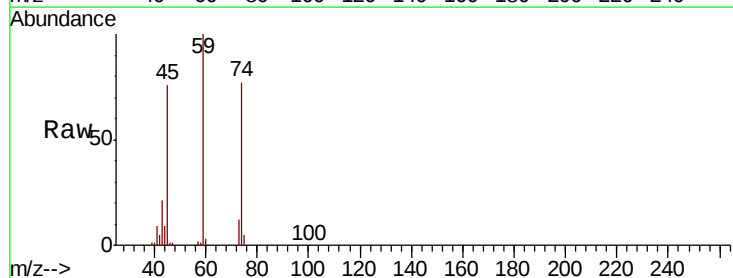
Tot Ion:101 Resp: 77772
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.2 78.4

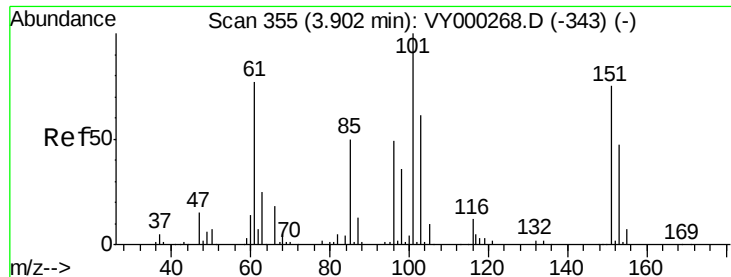


#8

Diethyl Ether
 Concen: 21.489 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY000422.D
 Acq: 25 Oct 2019 12:30

Tgt Ion: 74 Resp: 26756
 Ion Ratio Lower Upper
 74 100
 45 100.7 47.1 141.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.683 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.00 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

Instrument :

MSVOA_Y

ClientSampled :

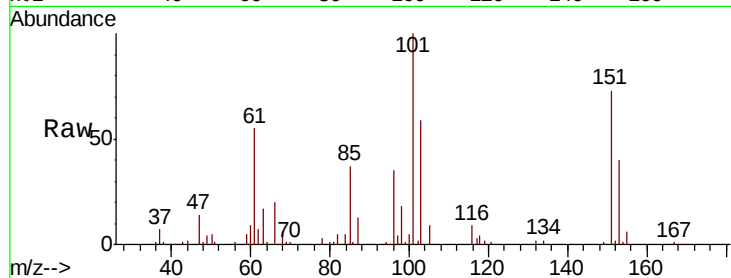
Tot Ion:101 Resp: 48483

Ion Ratio Lower Upper

101 100

85 44.4 36.6 55.0

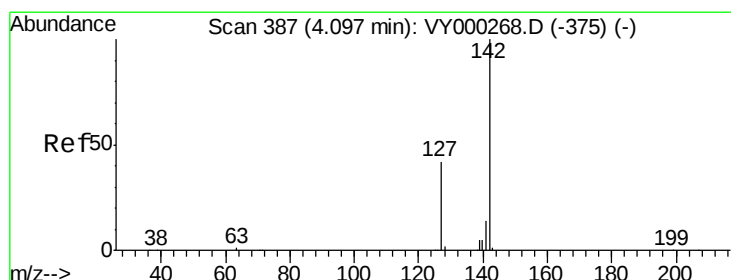
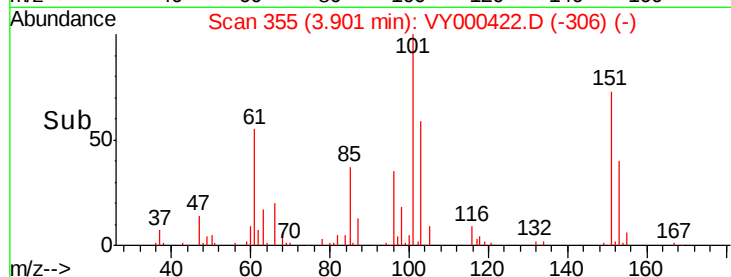
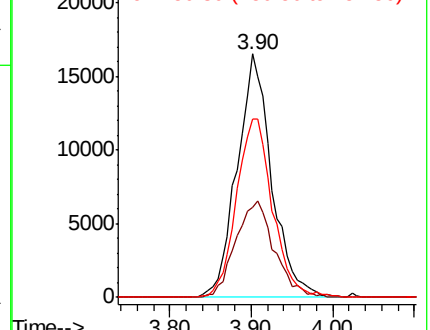
151 76.7 63.1 94.7



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: 16.990 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

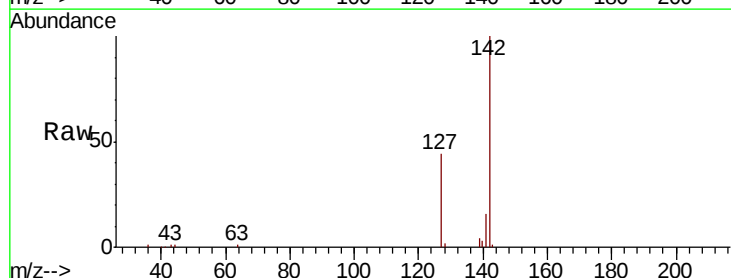
Tgt Ion:142 Resp: 49283

Ion Ratio Lower Upper

142 100

127 42.6 33.9 50.9

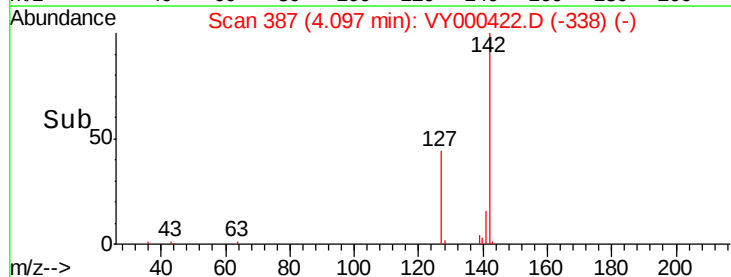
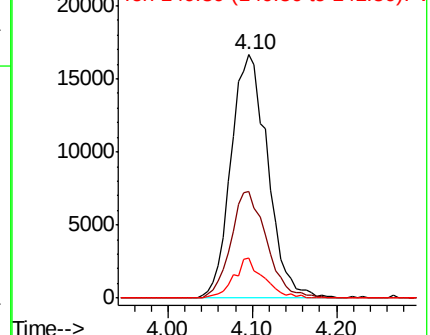
141 13.4 11.2 16.8

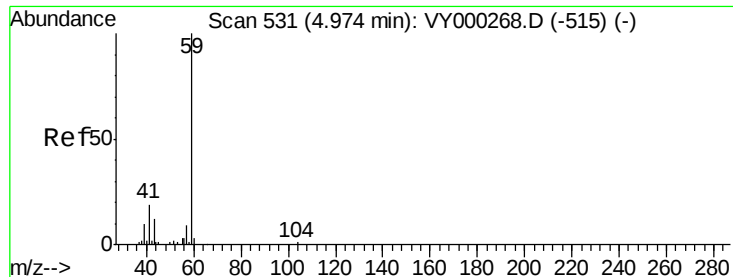


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



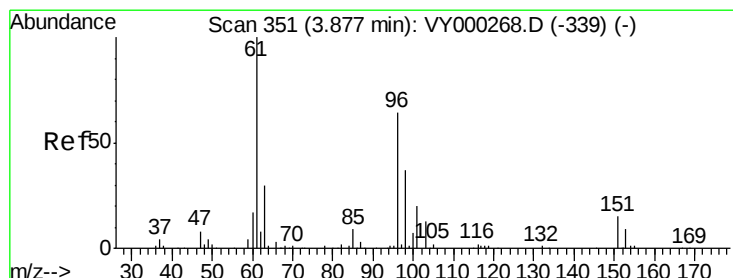
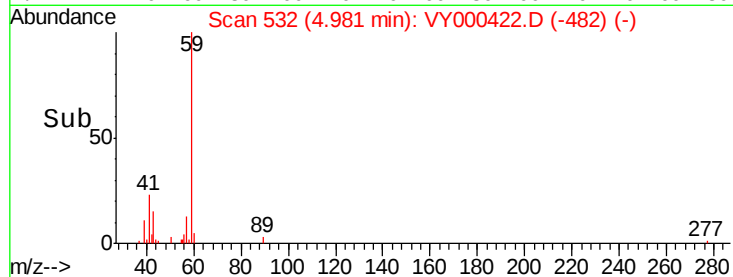
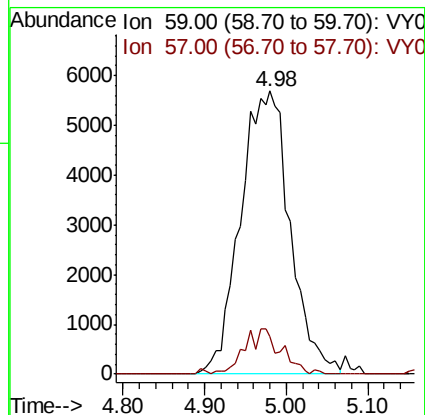
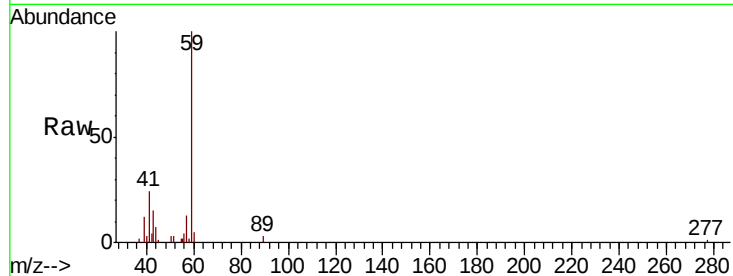


#11

Tert butyl alcohol
 Concen: 103.862 ug/l
 RT: 4.98 min Scan# 532
 Delta R.T. 0.01 min
 Lab File: VY000422.D
 Acq: 25 Oct 2019 12:30

Instrument :
 MSVOA_Y
 ClientSampleId :

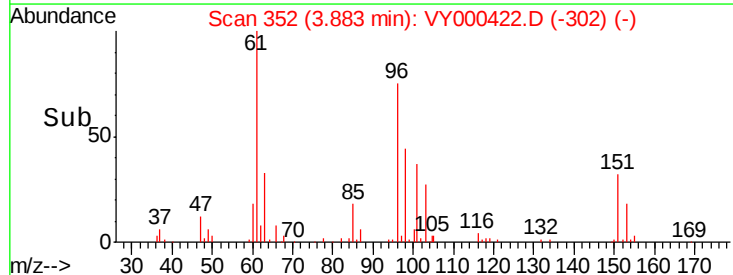
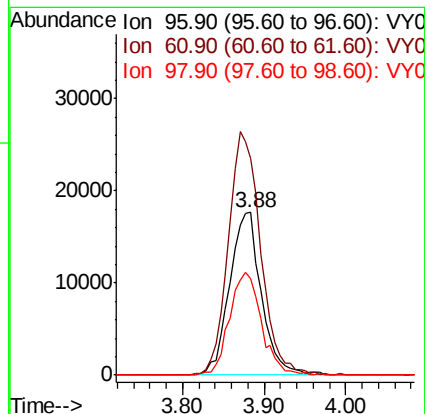
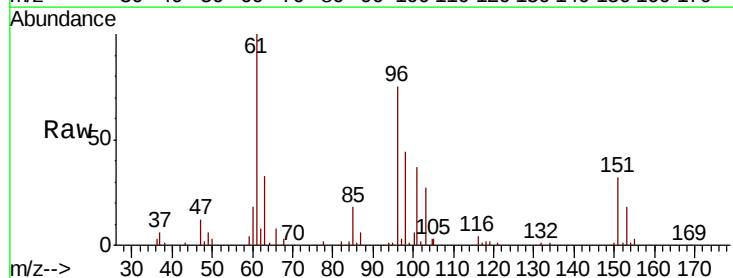
Tot Ion: 59 Resp: 23954
 Ion Ratio Lower Upper
 59 100
 57 11.6 8.2 12.2

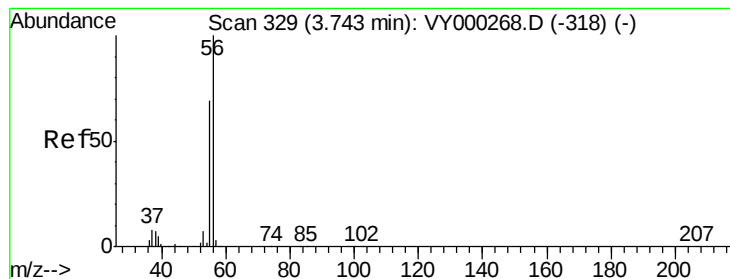


#12

1,1-Dichloroethene
 Concen: 22.552 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VY000422.D
 Acq: 25 Oct 2019 12:30

Tgt Ion: 96 Resp: 47586
 Ion Ratio Lower Upper
 96 100
 61 133.1 125.8 188.6
 98 59.1 46.2 69.2





#13

Acrolein

Concen: 70.308 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.01 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

Instrument :

MSVOA_Y

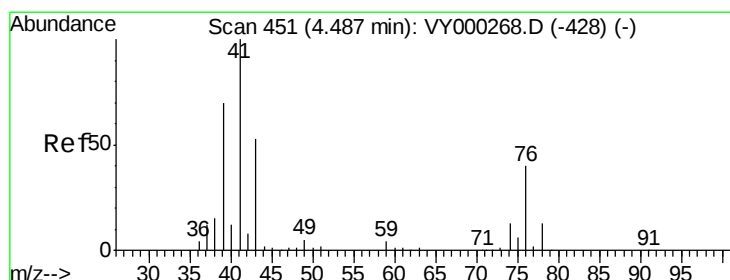
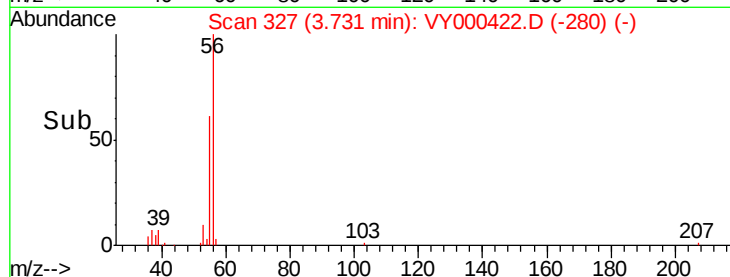
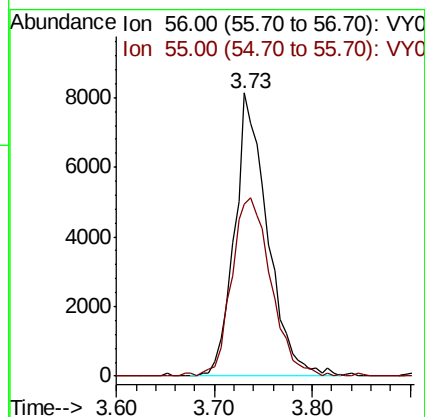
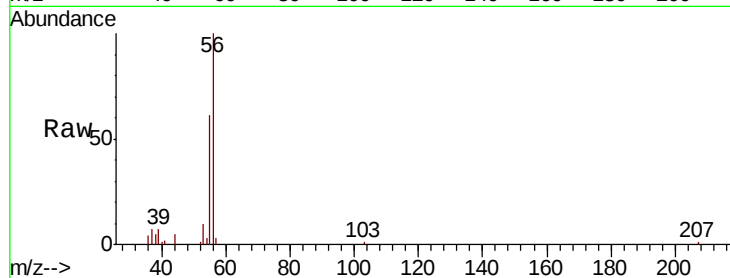
ClientSampleId :

Tot Ion: 56 Resp: 19011

Ion Ratio Lower Upper

56 100

55 75.4 55.7 83.5



#14

Allyl chloride

Concen: 22.005 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

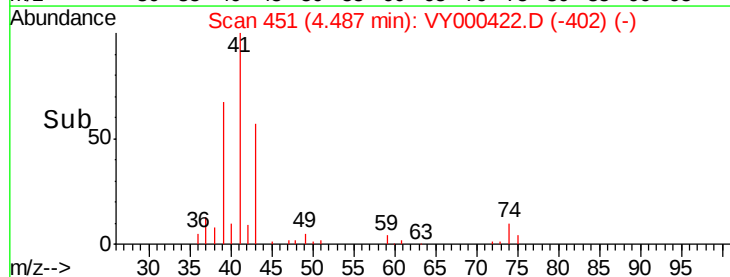
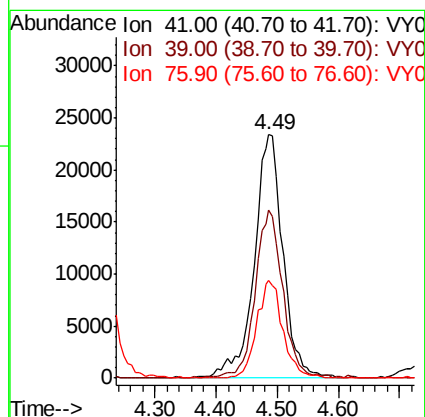
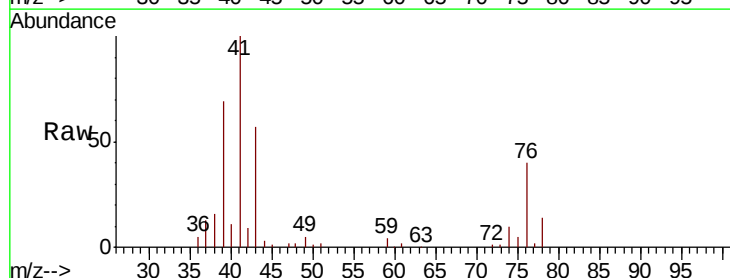
Tgt Ion: 41 Resp: 76948

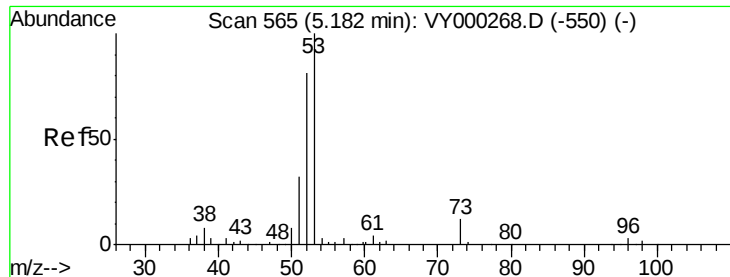
Ion Ratio Lower Upper

41 100

39 66.4 54.0 81.0

76 36.4 30.7 46.1





#15

Acrylonitrile

Concen: 110.775 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

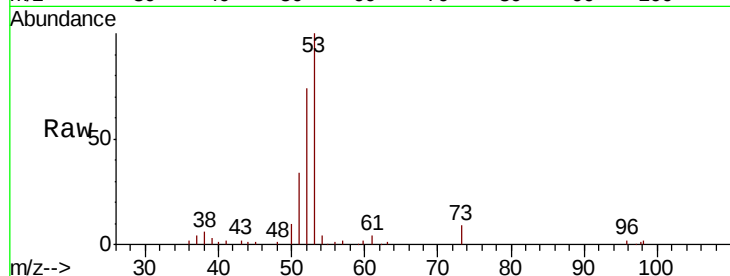
Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion: 53 Resp: 77198

Ion	Ratio	Lower	Upper
53	100		
52	76.4	62.9	94.3
51	34.5	26.9	40.3

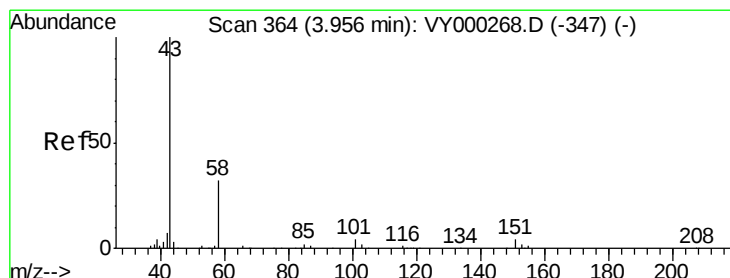
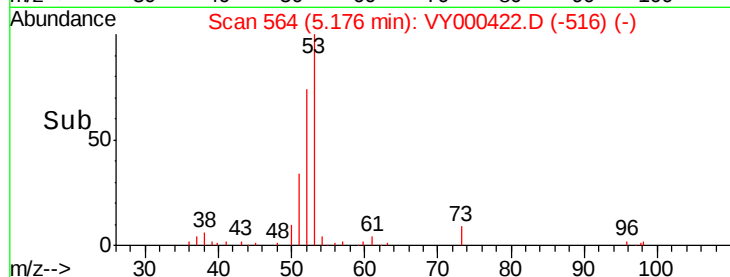
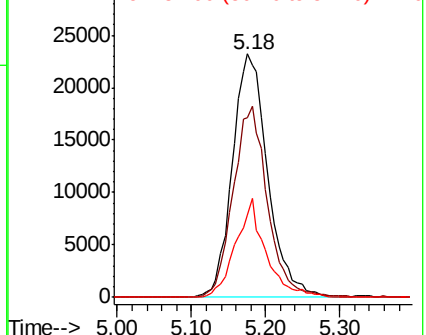


Abundance

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: 97.400 ug/l

RT: 3.96 min Scan# 365

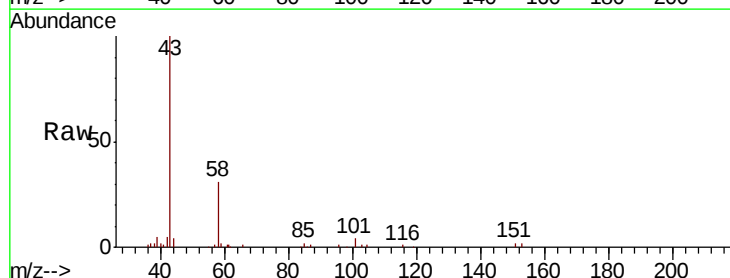
Delta R.T. 0.01 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

Tgt Ion: 43 Resp: 69514

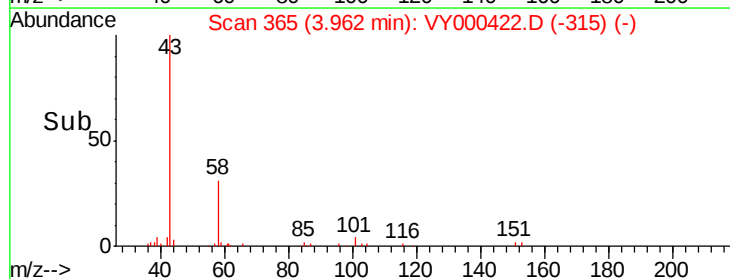
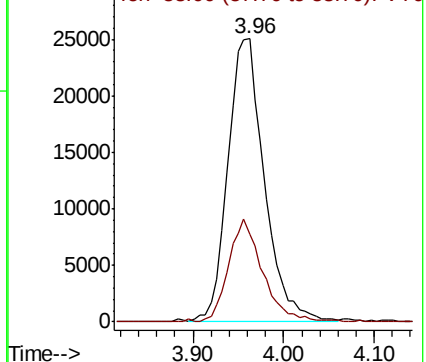
Ion	Ratio	Lower	Upper
43	100		
58	30.6	25.8	38.6

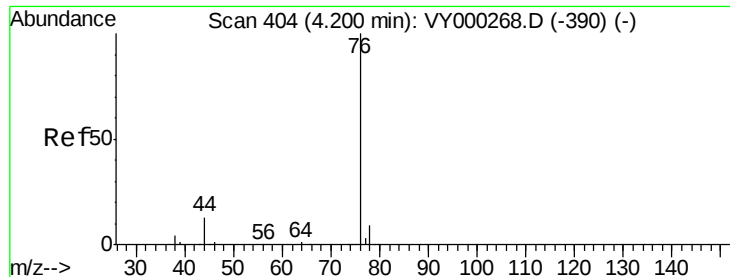


Abundance

Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

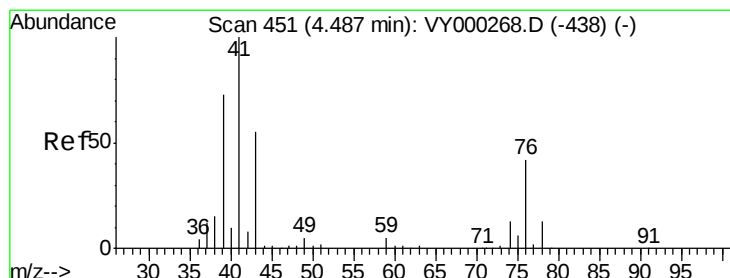
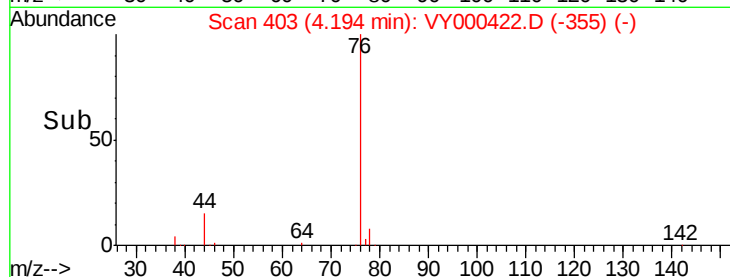
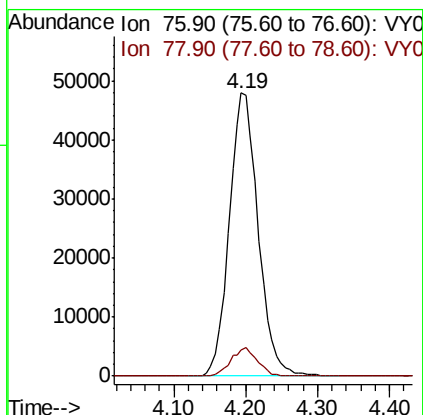
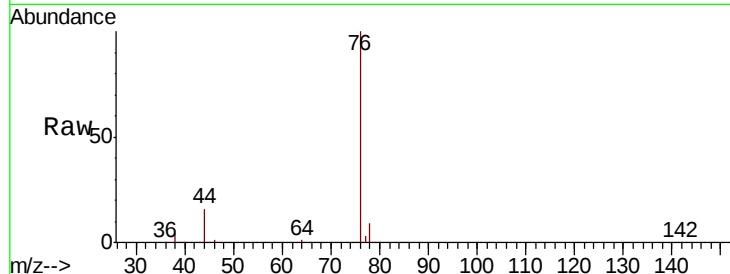




#17
Carbon Disulfide
Concen: 20.030 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

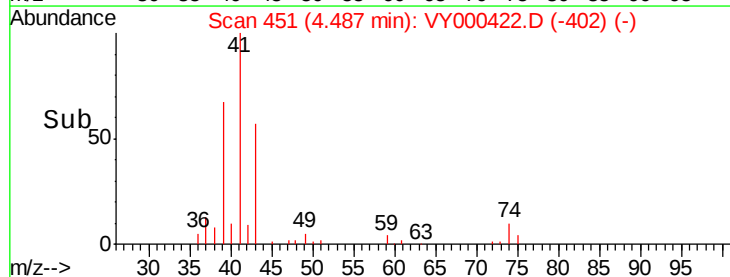
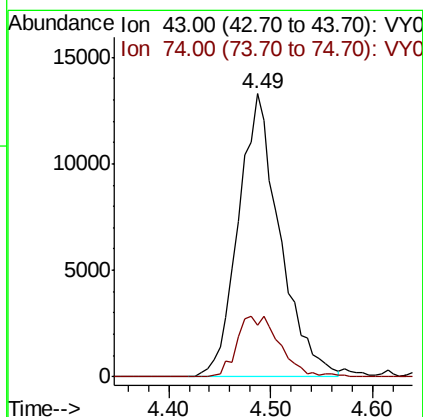
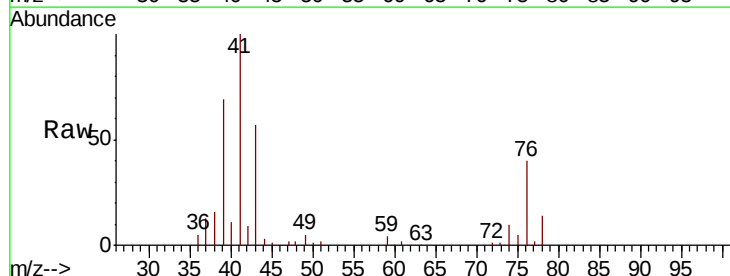
Instrument :
MSVOA_Y
ClientSampled :

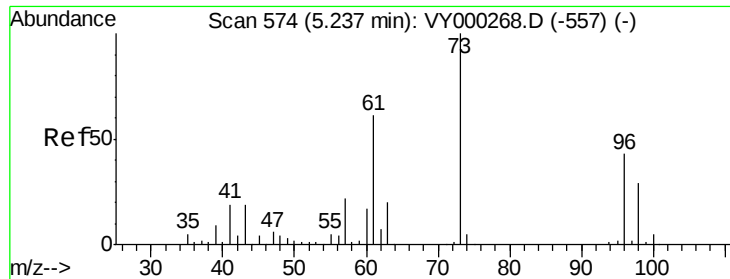
Tot Ion: 76 Resp: 133076
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4



#18
Methyl Acetate
Concen: 21.145 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Tgt Ion: 43 Resp: 37495
Ion Ratio Lower Upper
43 100
74 22.2 20.4 30.6

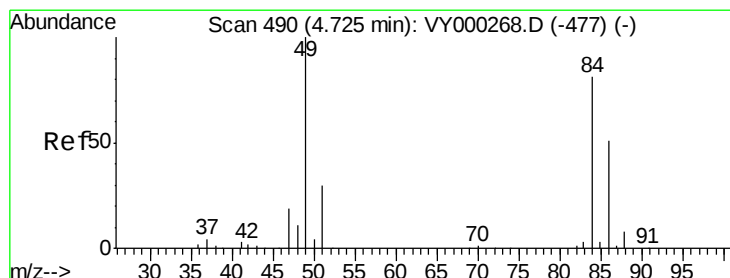
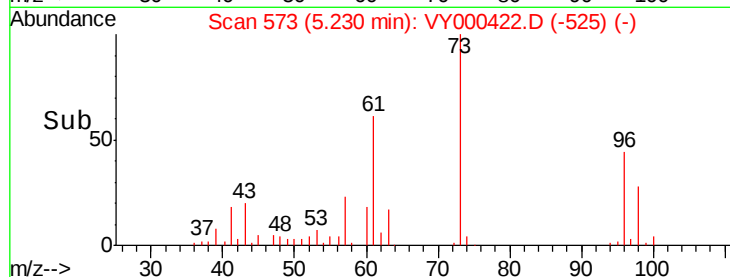
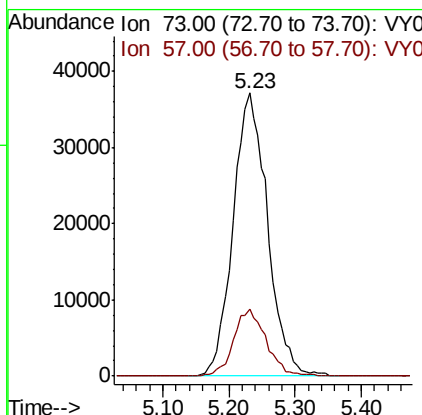
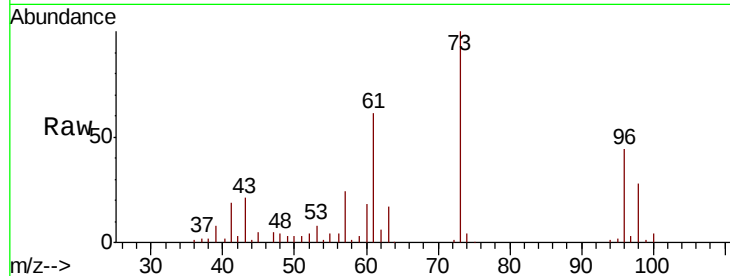




#19
Methyl tert-butyl Ether
Concen: 22.873 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

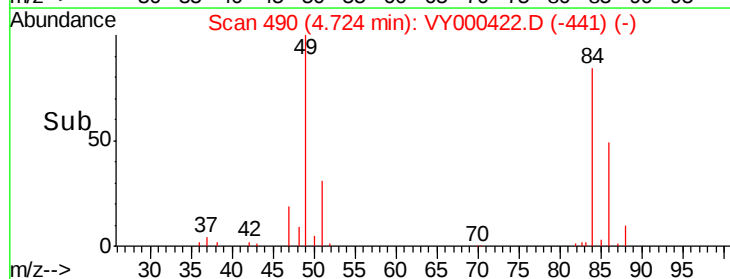
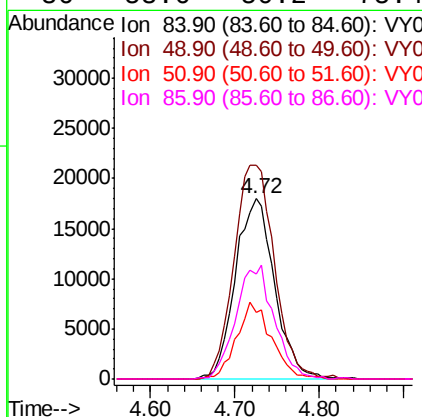
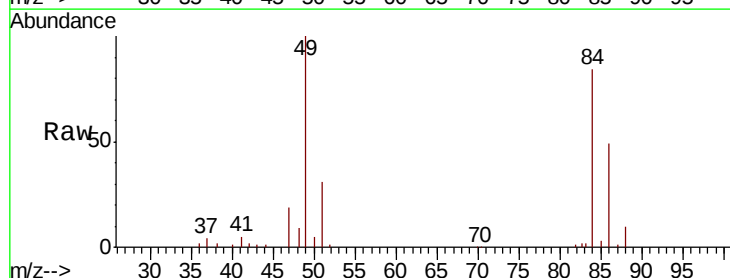
Instrument :
MSVOA_Y
ClientSampleId :

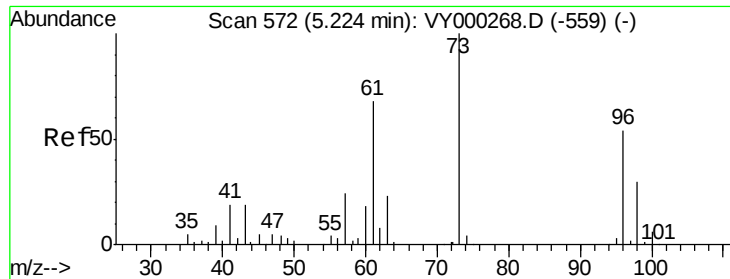
Tot Ion: 73 Resp: 134355
Ion Ratio Lower Upper
73 100
57 23.9 17.4 26.0



#20
Methylene Chloride
Concen: 20.359 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Tgt Ion: 84 Resp: 56707
Ion Ratio Lower Upper
84 100
49 118.5 99.0 148.4
51 36.8 29.3 43.9
86 58.6 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 21.479 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

Instrument :

MSVOA_Y

ClientSampled :

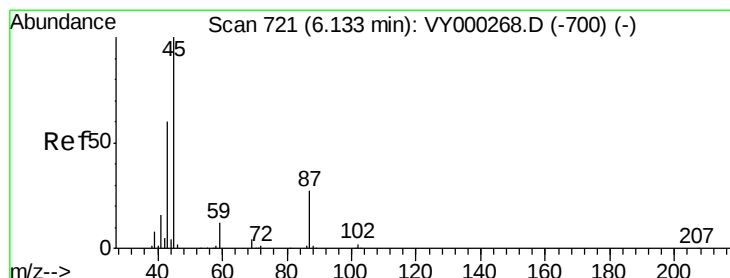
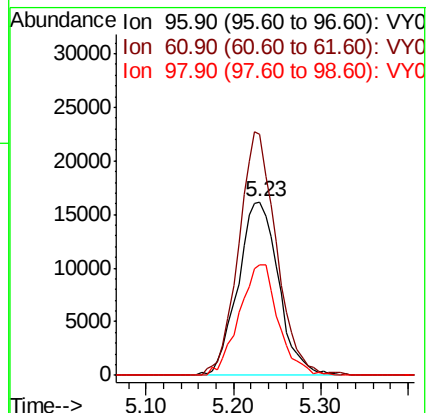
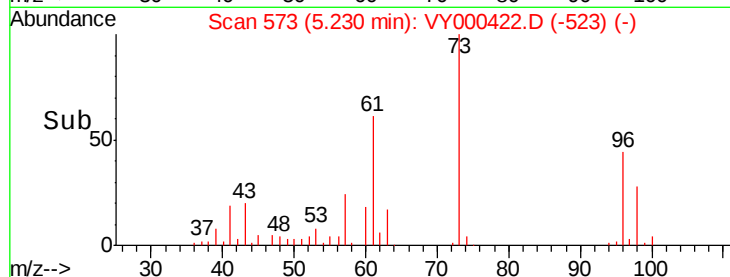
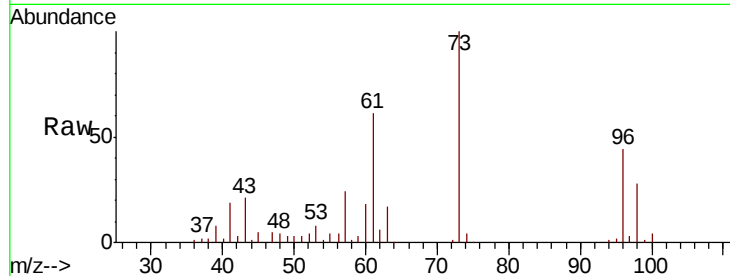
Tot Ion: 96 Resp: 51998

Ion Ratio Lower Upper

96 100

61 138.7 100.4 150.6

98 63.4 44.6 66.8



#22

Diisopropyl ether

Concen: 22.618 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.00 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

Tgt Ion: 45 Resp: 167279

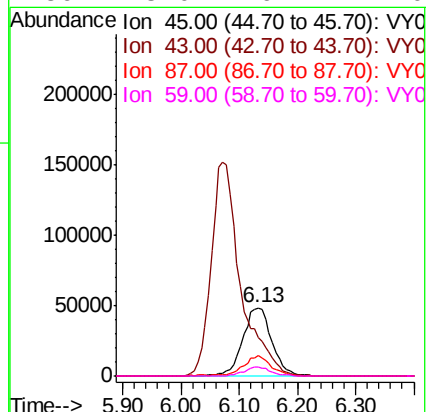
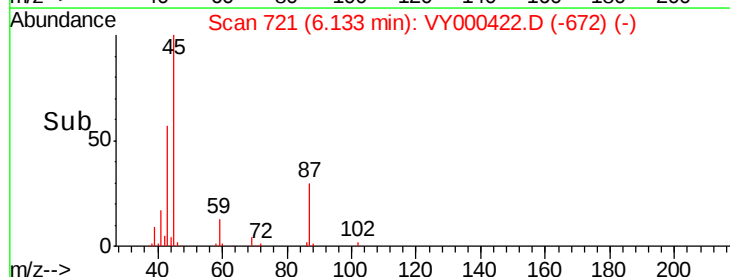
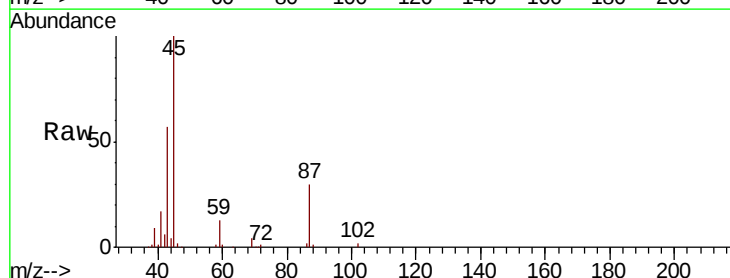
Ion Ratio Lower Upper

45 100

43 56.6 48.5 72.7

87 29.9 21.5 32.3

59 13.0 9.4 14.0





#23

Vinyl Acetate

Concen: 109.844 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

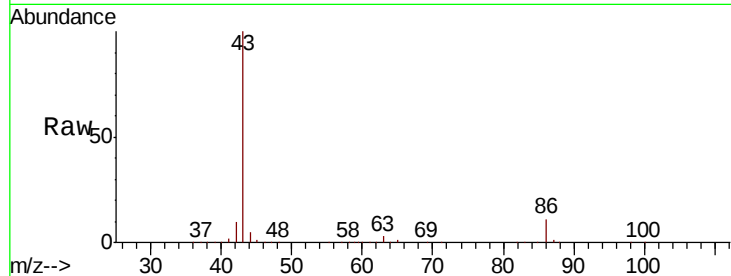
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 529989

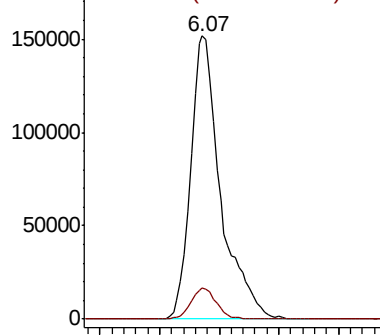
Ion Ratio Lower Upper

43 100

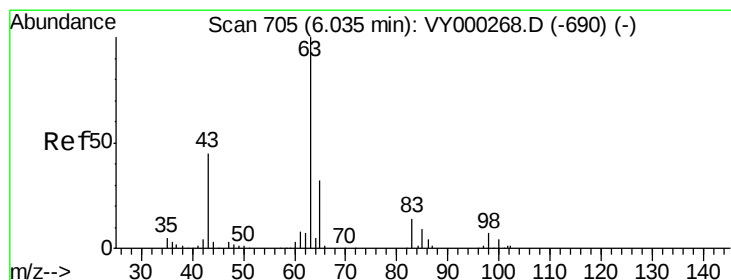
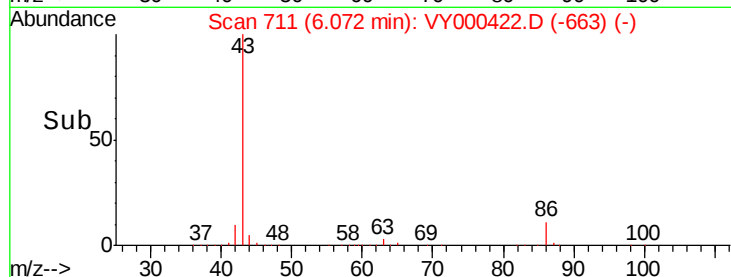
86 11.0 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 86.00 (85.70 to 86.70): VY0



Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 22.464 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

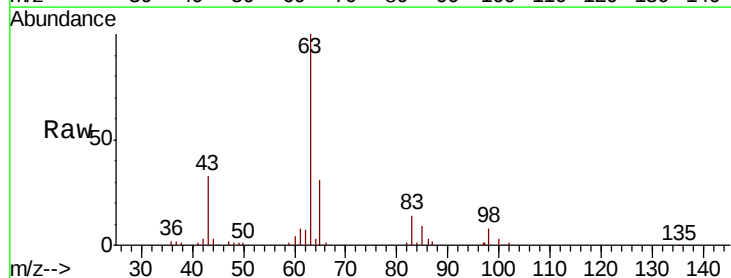
Tgt Ion: 63 Resp: 90685

Ion Ratio Lower Upper

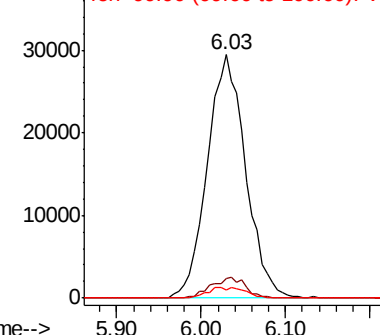
63 100

98 7.8 3.5 10.4

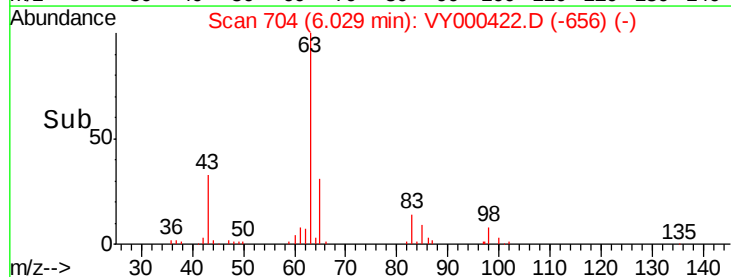
100 3.4 2.1 6.2

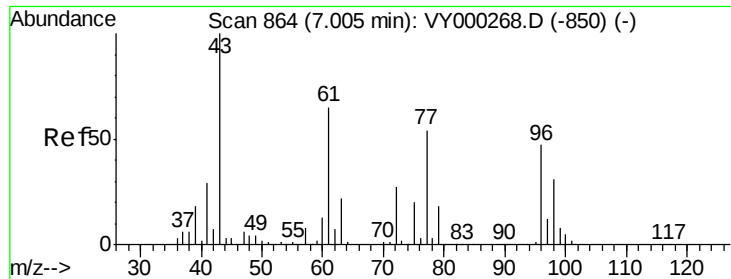


Abundance Ion 62.90 (62.60 to 63.60): VY0
Ion 97.90 (97.60 to 98.60): VY0
Ion 99.90 (99.60 to 100.60): VY0



Time--> 5.90 6.00 6.10





#25

2-Butanone

Concen: 105.959 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

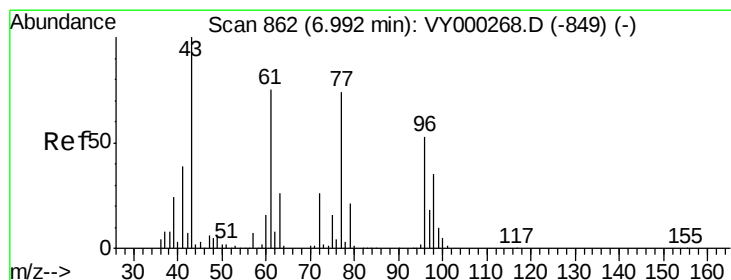
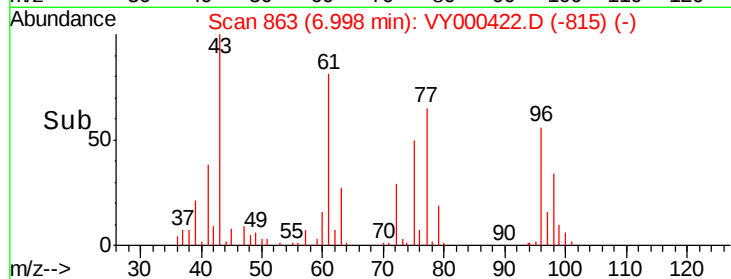
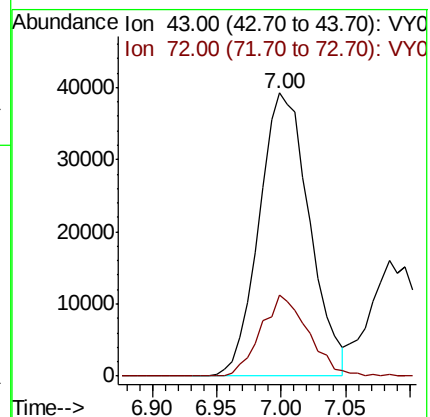
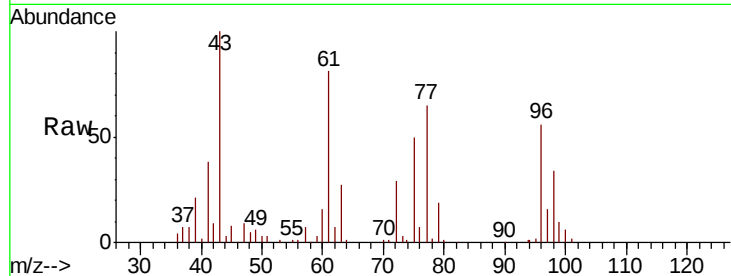
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 106528

Ion Ratio Lower Upper

43 100

72 28.5 21.4 32.2



#26

2,2-Dichloropropane

Concen: 22.155 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY000422.D

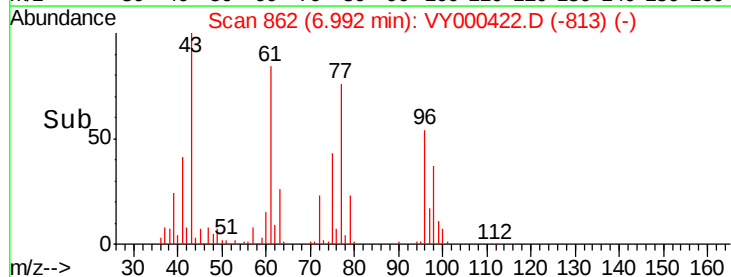
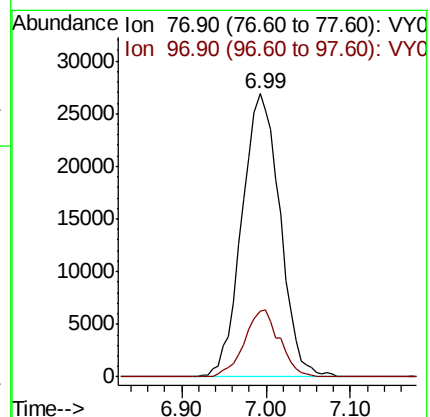
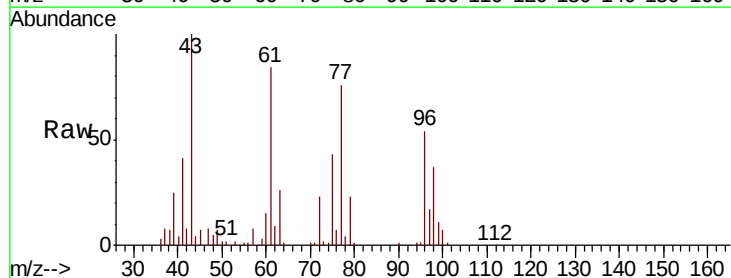
Acq: 25 Oct 2019 12:30

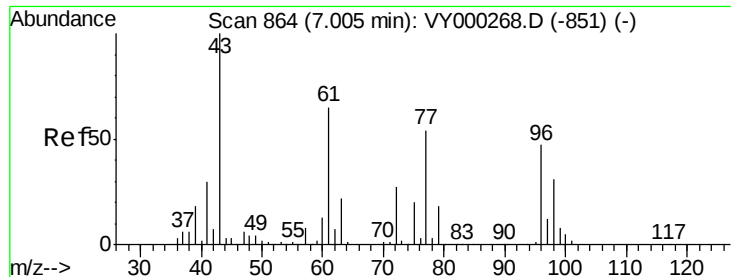
Tgt Ion: 77 Resp: 82414

Ion Ratio Lower Upper

77 100

97 21.8 11.6 34.7



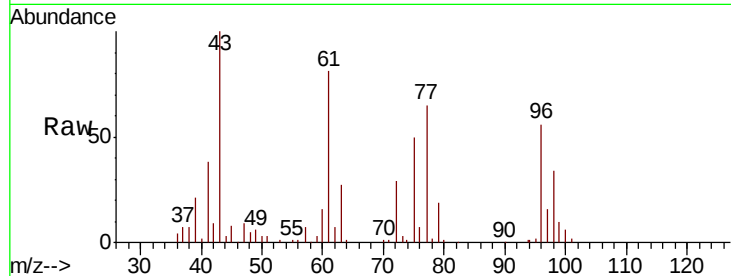


#27

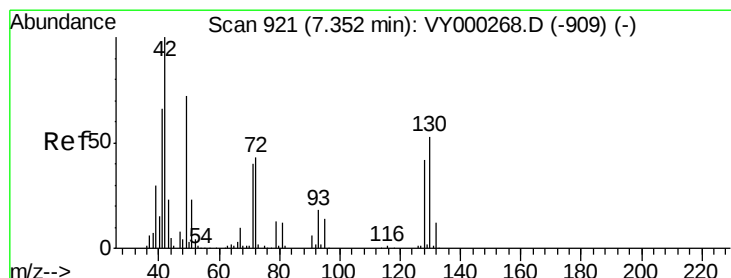
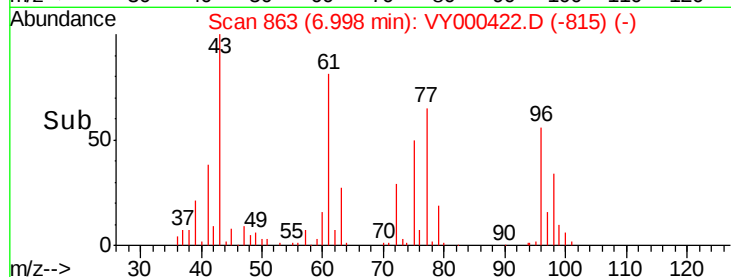
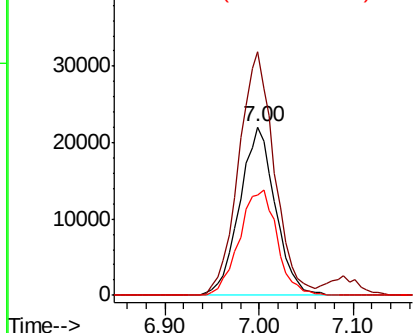
cis-1,2-Dichloroethene
Concen: 22.255 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 96 Resp: 58300
Ion Ratio Lower Upper
96 100
61 144.9 0.0 289.8
98 66.0 0.0 131.8



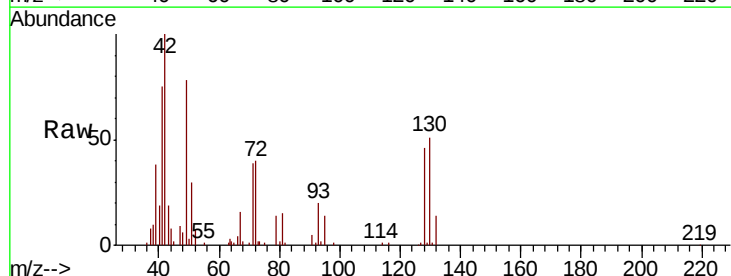
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



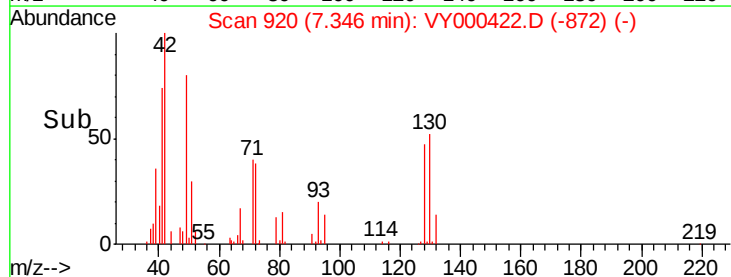
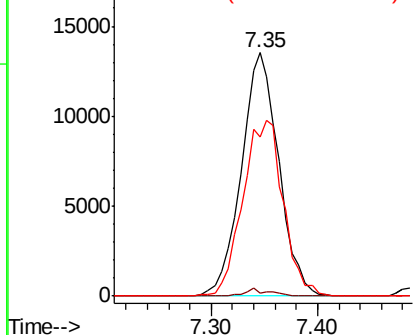
#28

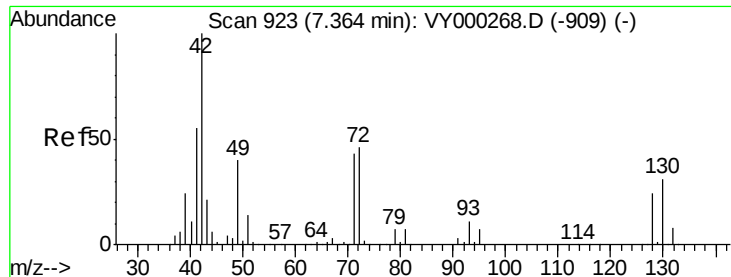
Bromochloromethane
Concen: 19.208 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Tgt Ion: 49 Resp: 33287
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.0
130 77.9 58.2 87.2



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

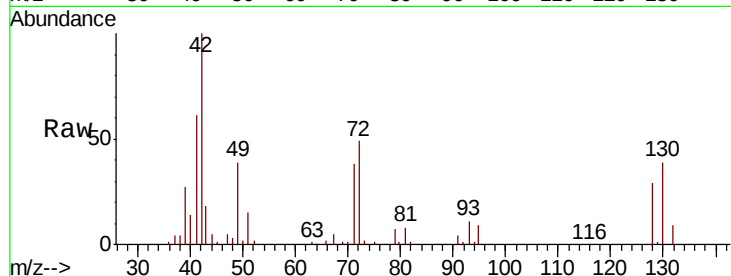




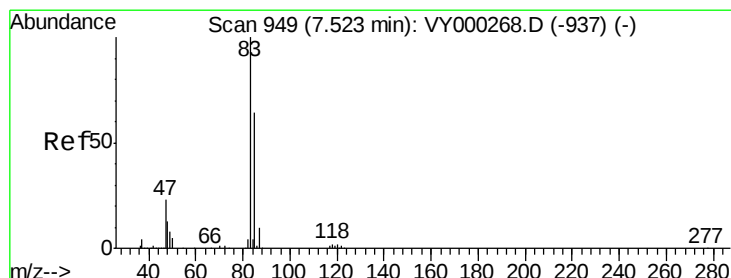
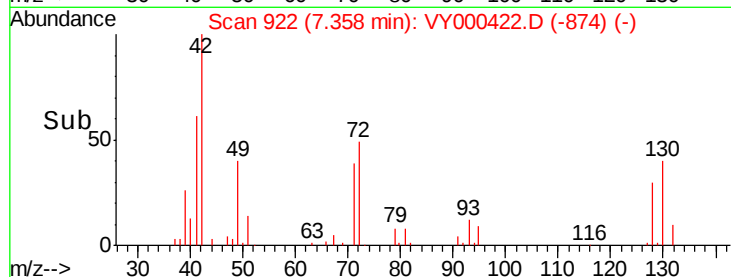
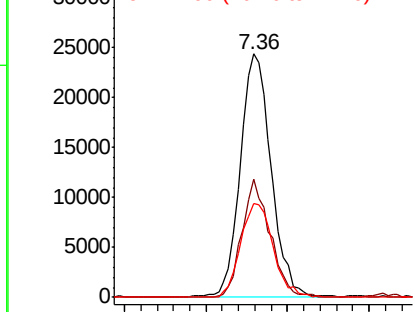
#29
Tetrahydrofuran
Concen: 105.430 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 42 Resp: 64238
Ion Ratio Lower Upper
42 100
72 44.2 34.5 51.7
71 40.6 32.7 49.1

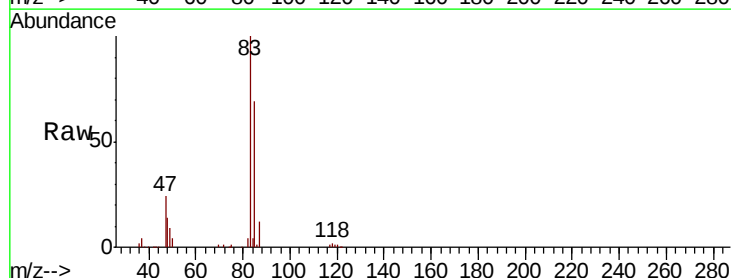


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

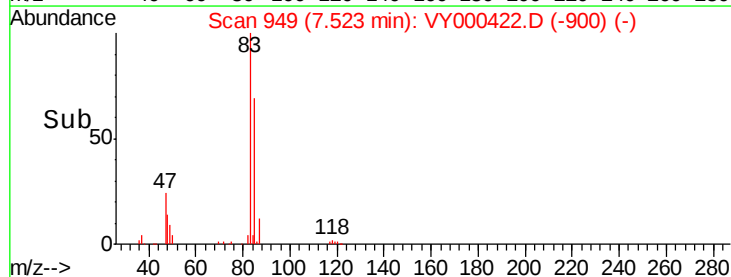
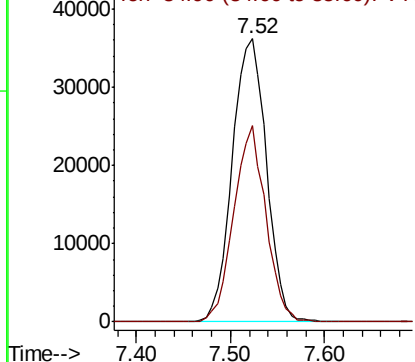


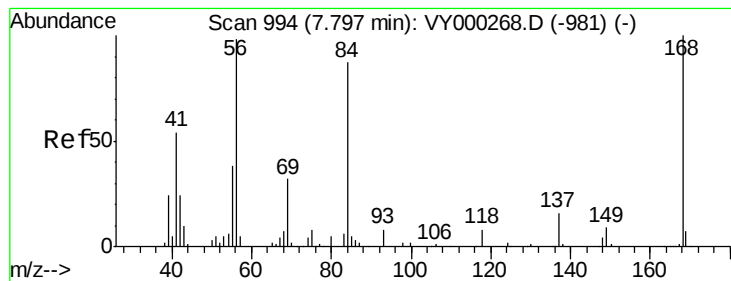
#30
Chloroform
Concen: 22.426 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.00 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Tgt Ion: 83 Resp: 91172
Ion Ratio Lower Upper
83 100
85 69.4 51.4 77.2



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





#31

Cyclohexane

Concen: 21.246 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

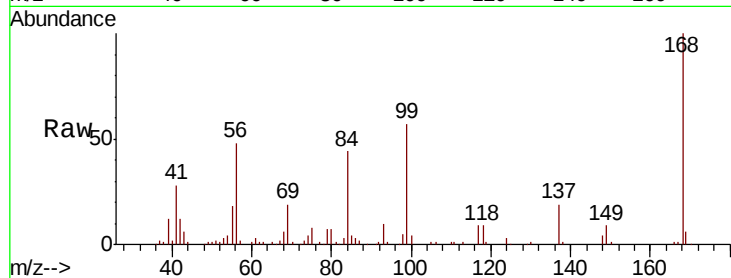
Instrument :

MSVOA_Y

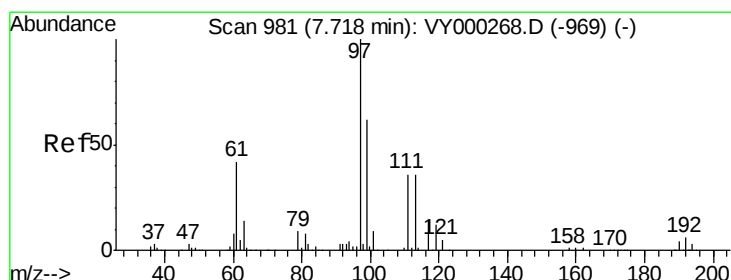
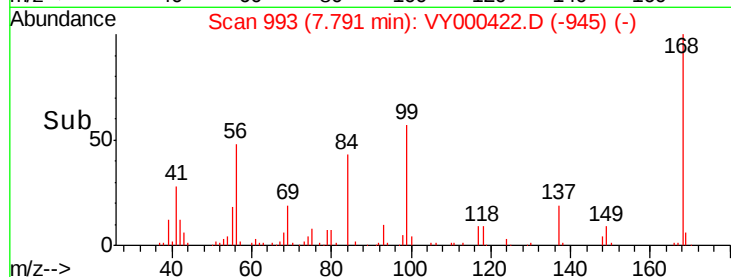
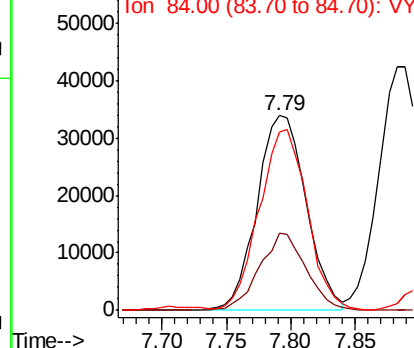
ClientSampleId :

Tot Ion: 56 Resp: 89581

Ion	Ratio	Lower	Upper
56	100		
69	39.9	26.3	39.5#
84	90.6	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: 22.547 ug/l

RT: 7.71 min Scan# 980

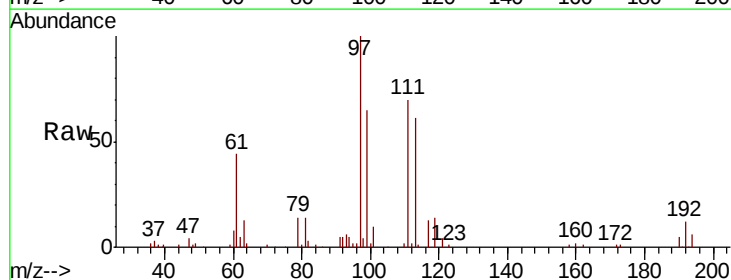
Delta R.T. -0.01 min

Lab File: VY000422.D

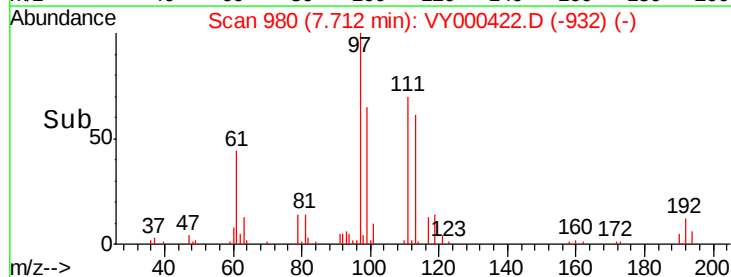
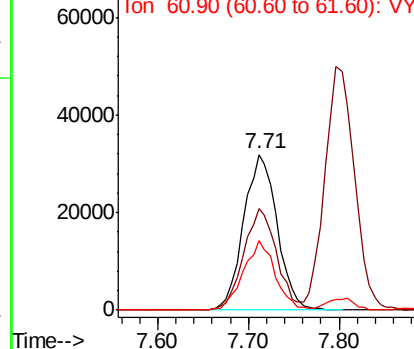
Acq: 25 Oct 2019 12:30

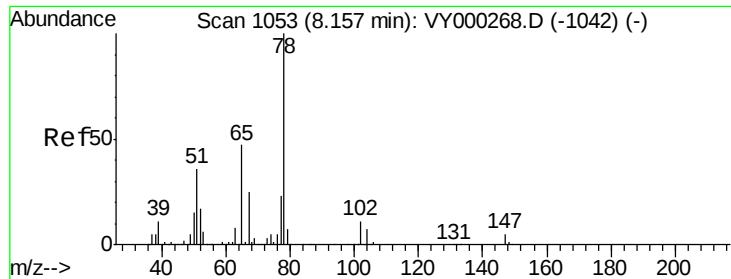
Tgt Ion: 97 Resp: 81494

Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.7	77.5
61	42.4	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

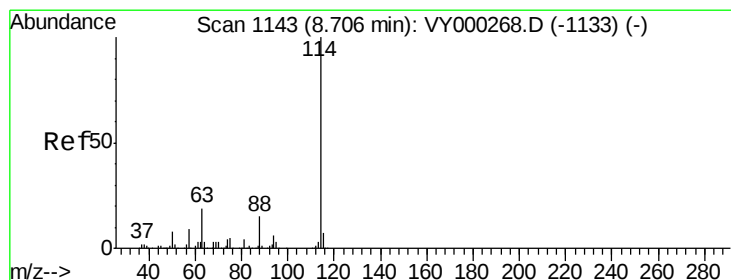
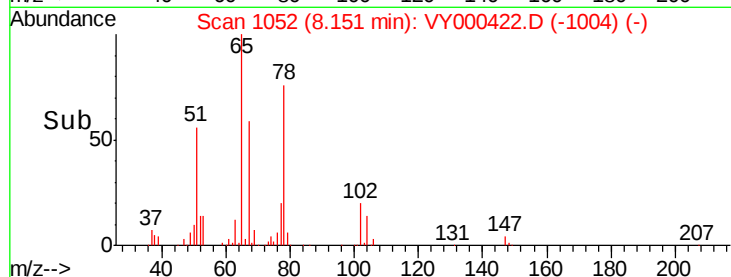
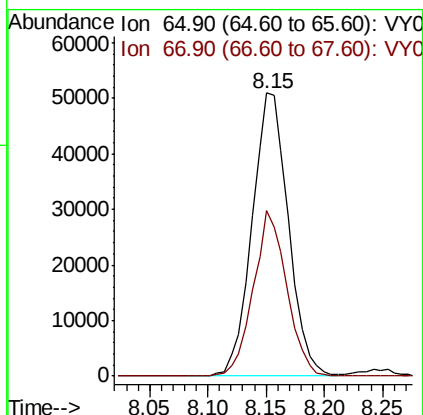
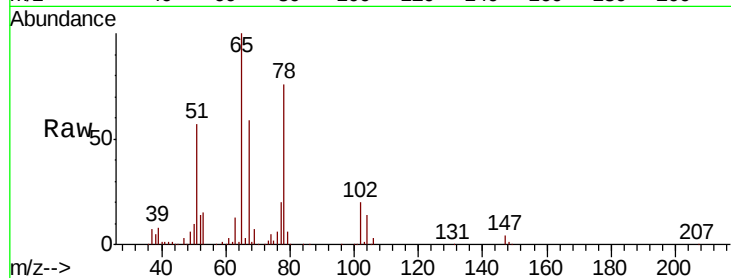




#33
 1,2-Dichloroethane-d4
 Concen: 50.209 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY000422.D
 Acq: 25 Oct 2019 12:30

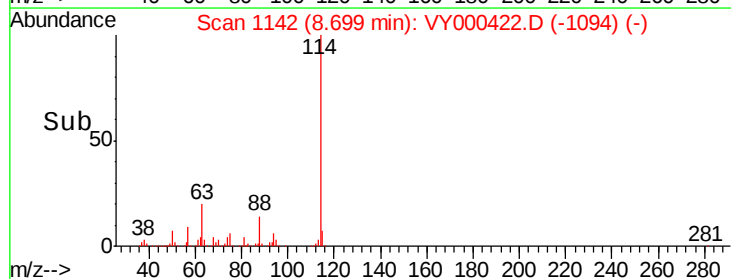
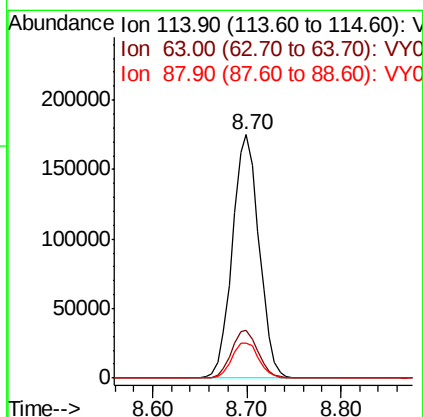
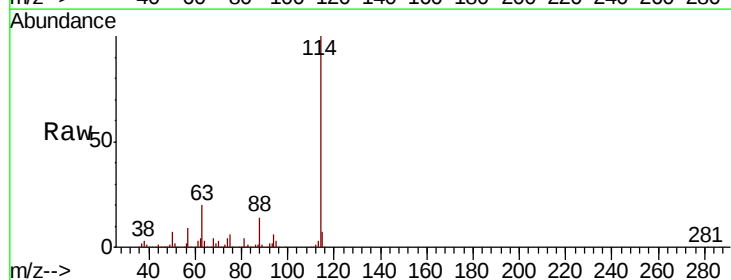
Instrument :
 MSVOA_Y
 ClientSampleId :

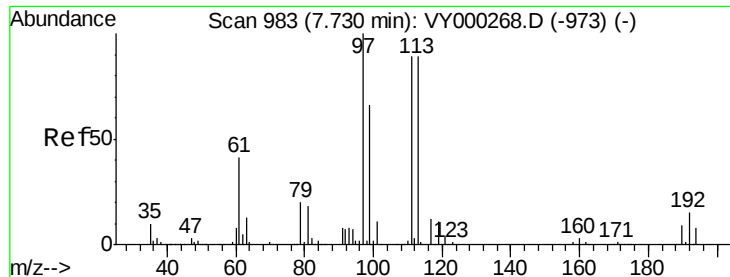
Tot Ion: 65 Resp: 110652
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000422.D
 Acq: 25 Oct 2019 12:30

Tgt Ion: 114 Resp: 344646
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 37.2
 88 14.1 0.0 30.2

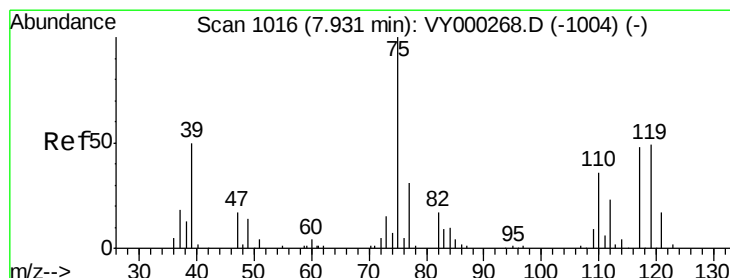
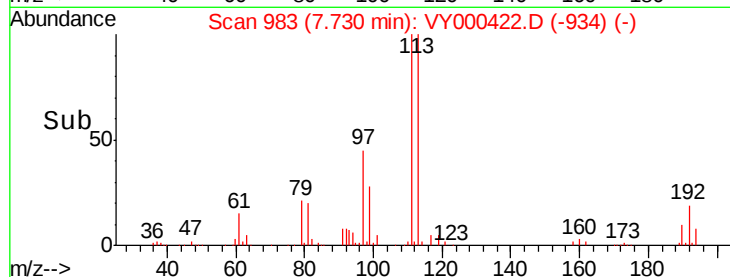
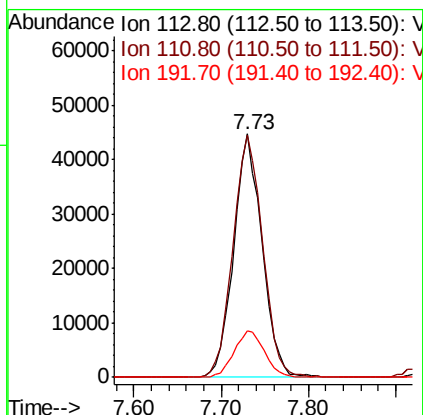
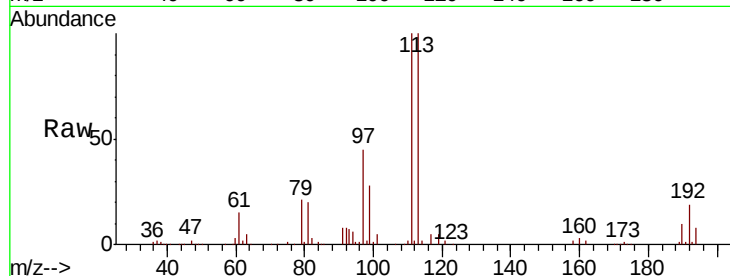




#35
 Dibromofluoromethane
 Concen: 48.513 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000422.D
 Acq: 25 Oct 2019 12:30

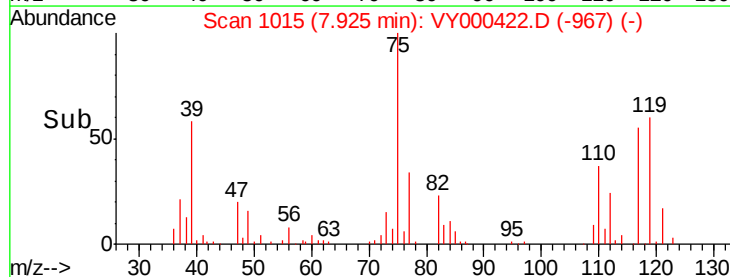
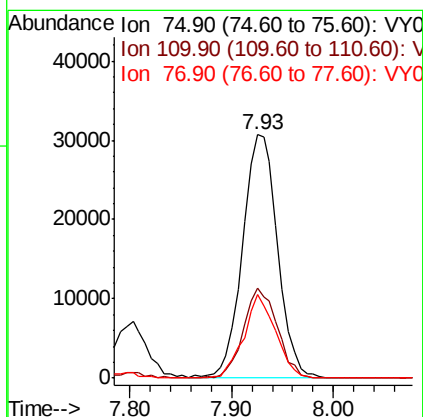
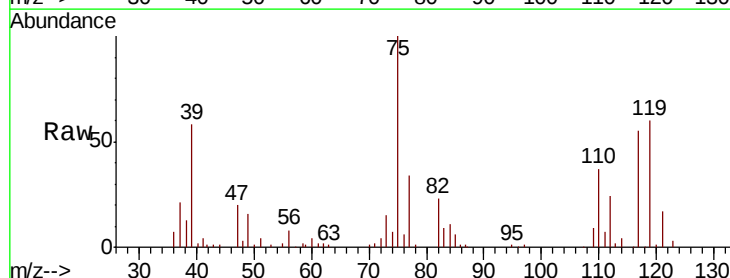
Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:113 Resp: 100855
 Ion Ratio Lower Upper
 113 100
 111 104.1 81.6 122.4
 192 20.2 15.3 22.9



#36
 1,1-Dichloropropene
 Concen: 21.716 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY000422.D
 Acq: 25 Oct 2019 12:30

Tgt Ion: 75 Resp: 73275
 Ion Ratio Lower Upper
 75 100
 110 35.7 18.4 55.4
 77 31.1 25.0 37.6

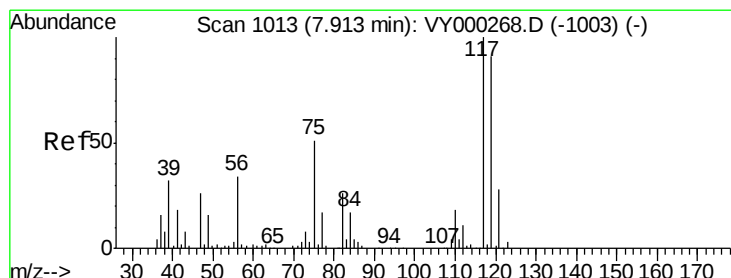
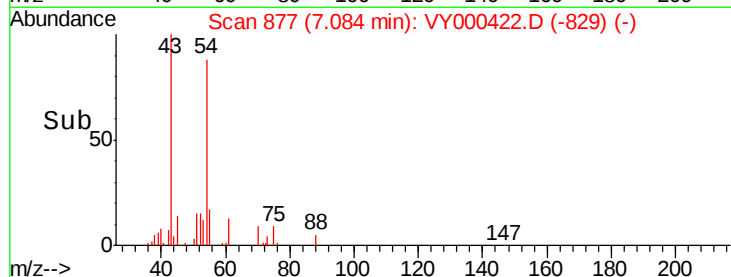
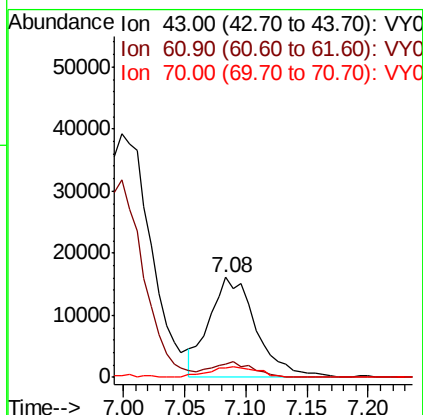
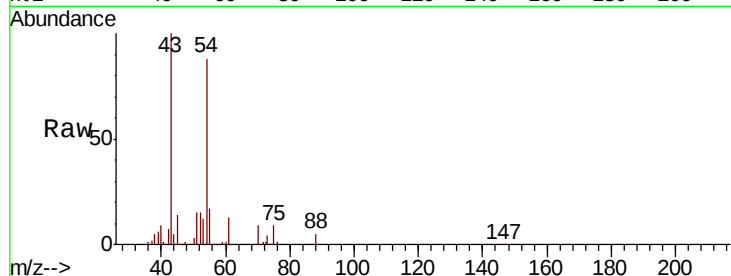




#37
Ethyl Acetate
Concen: 21.122 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

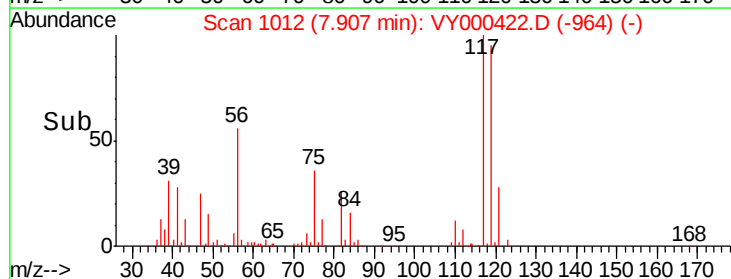
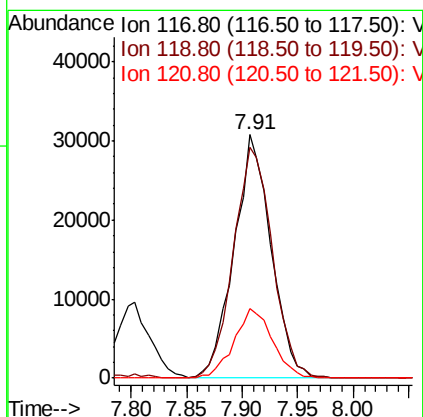
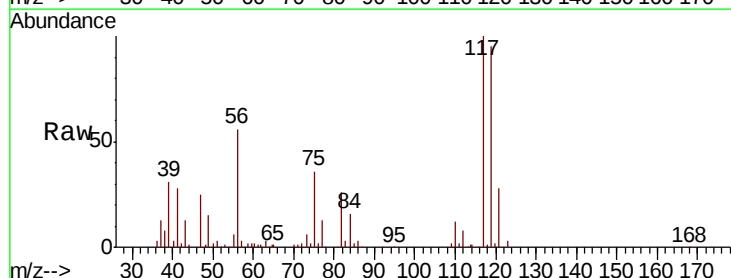
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 42201
Ion Ratio Lower Upper
43 100
61 13.8 12.1 18.1
70 10.9 8.7 13.1



#38
Carbon Tetrachloride
Concen: 21.756 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Tgt Ion: 117 Resp: 71080
Ion Ratio Lower Upper
117 100
119 94.8 72.8 109.2
121 28.3 22.2 33.2

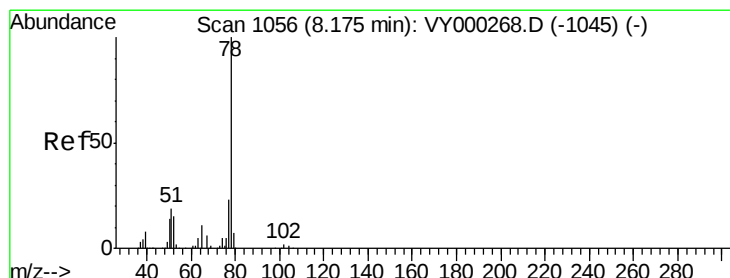
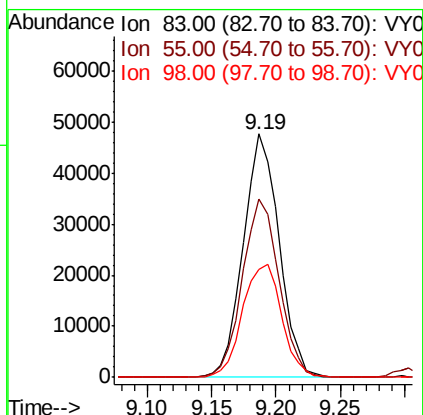
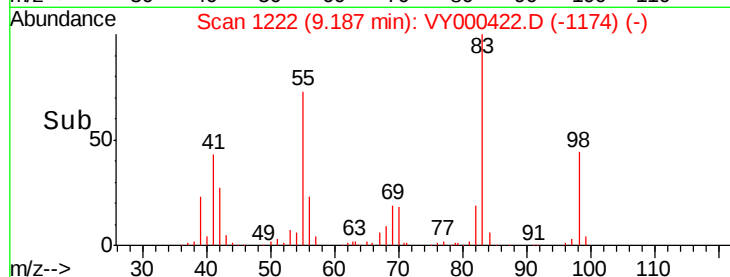
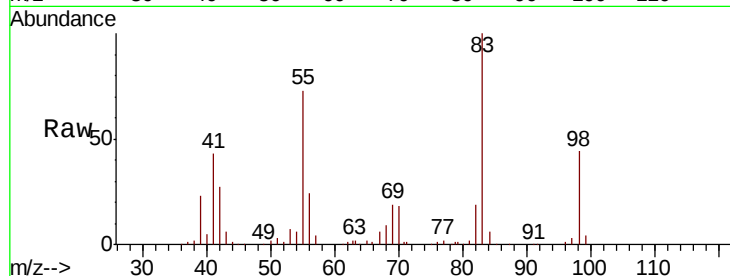




#39
Methvlcvclohexane
Concen: 20.847 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

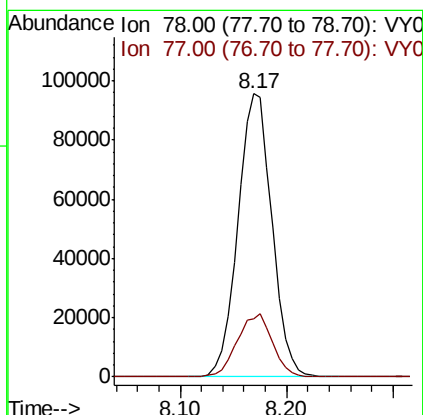
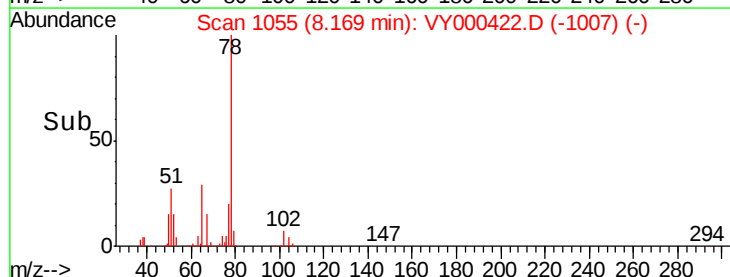
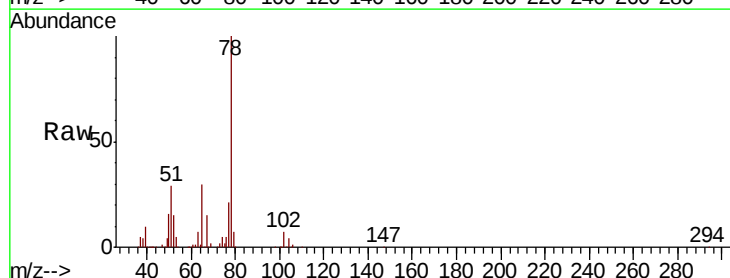
Instrument :
MSVOA_Y
ClientSampleId :

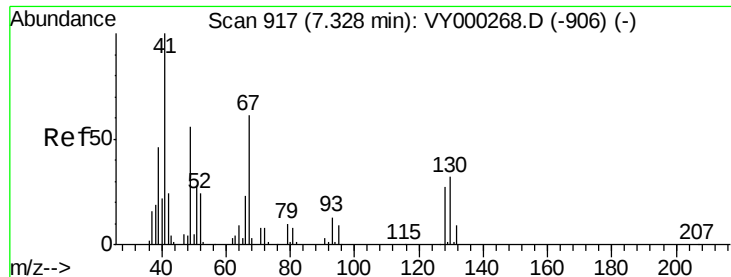
Tot Ion: 83 Resp: 92065
Ion Ratio Lower Upper
83 100
55 73.2 60.9 91.3
98 44.3 41.8 62.6



#40
Benzene
Concen: 21.911 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Tgt Ion: 78 Resp: 213659
Ion Ratio Lower Upper
78 100
77 20.6 18.8 28.2

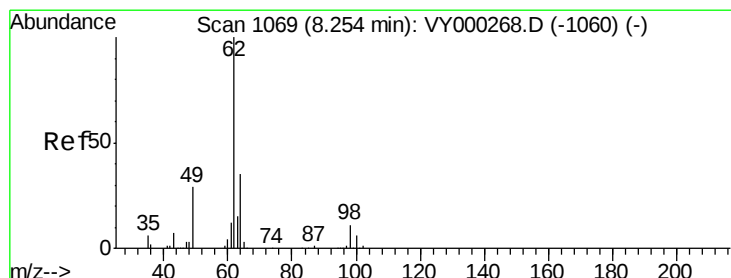
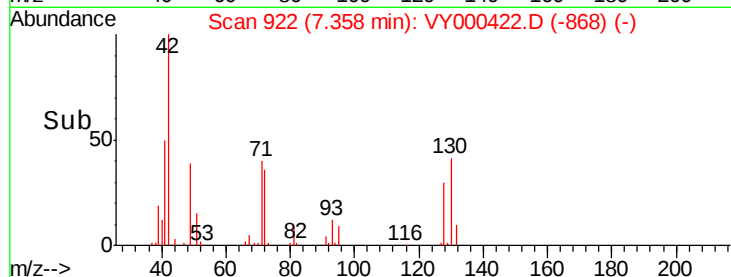
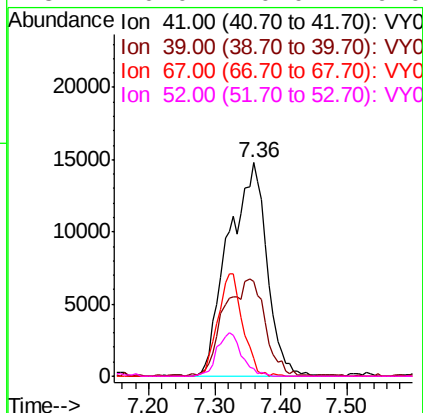
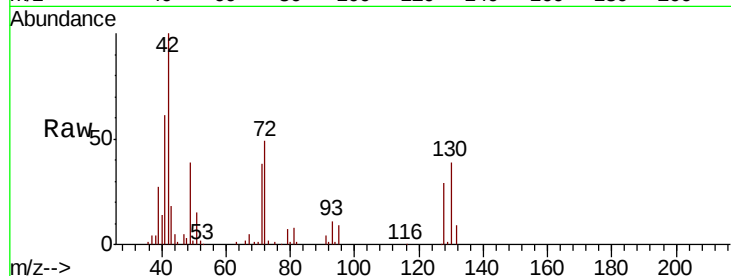




#41
Methacrylonitrile
Concen: 63.000 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.03 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

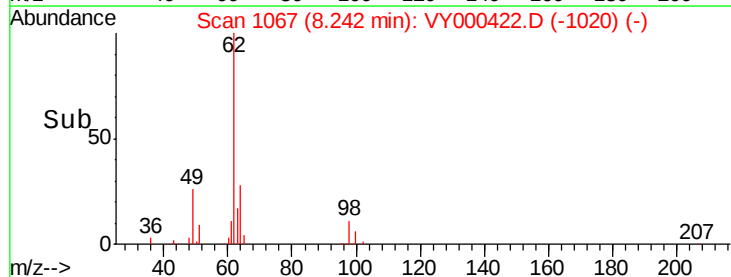
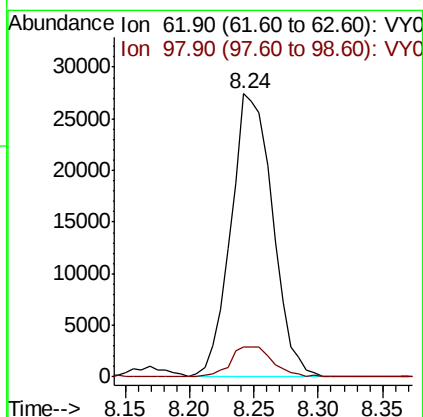
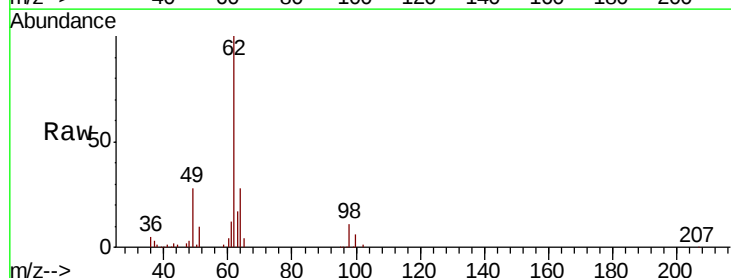
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 41 Resp: 59916
Ion Ratio Lower Upper
41 100
39 48.1 110.2 165.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 22.112 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Tgt Ion: 62 Resp: 61592
Ion Ratio Lower Upper
62 100
98 10.8 0.0 20.6





#43

Isopropyl Acetate

Concen: 21.564 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

Instrument :

MSVOA_Y

ClientSampled :

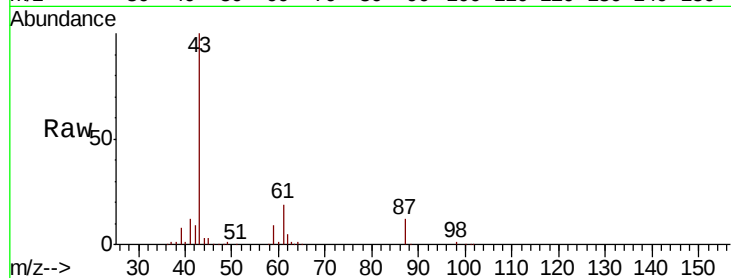
Tot Ion: 43 Resp: 81922

Ion Ratio Lower Upper

43 100

61 28.4 22.3 33.5

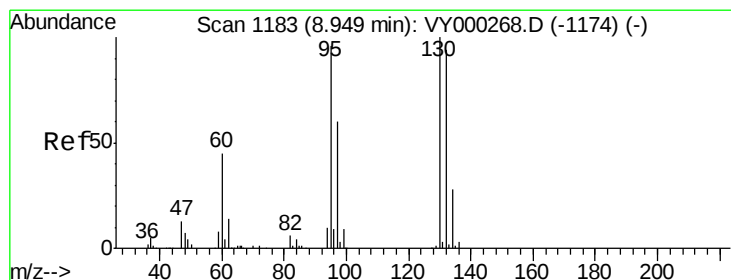
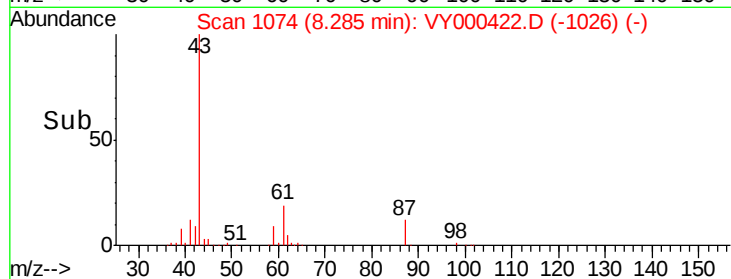
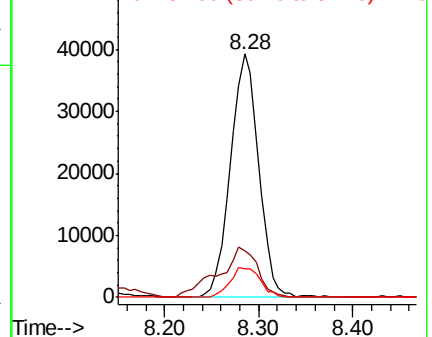
87 13.2 10.9 16.3



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: 20.959 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. -0.00 min

Lab File: VY000422.D

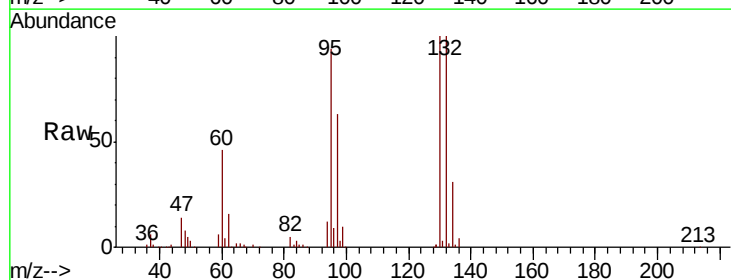
Acq: 25 Oct 2019 12:30

Tgt Ion:130 Resp: 57345

Ion Ratio Lower Upper

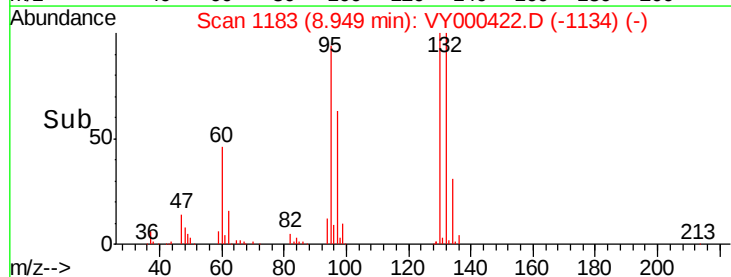
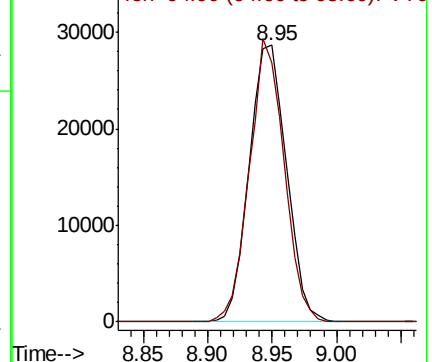
130 100

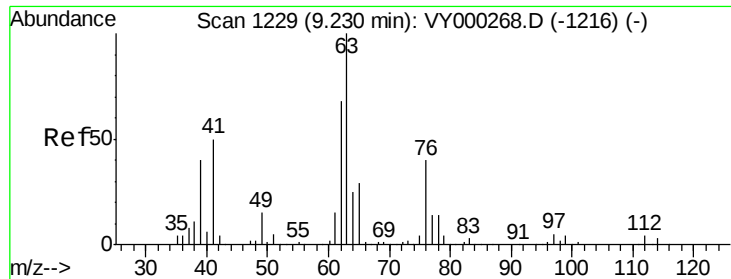
95 93.8 0.0 191.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VY0

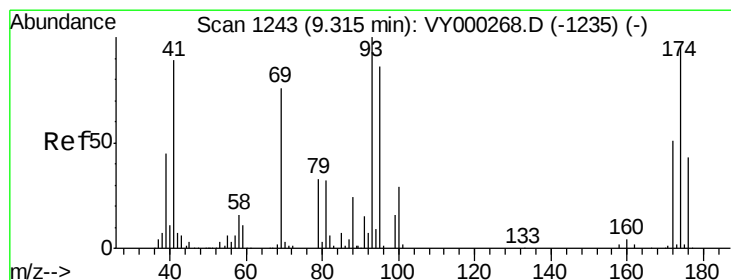
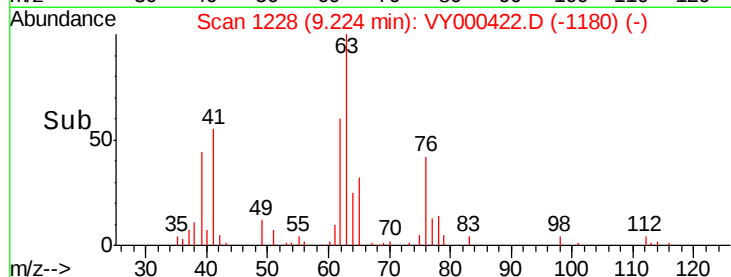
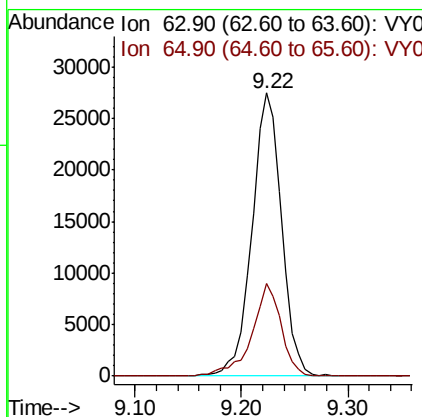
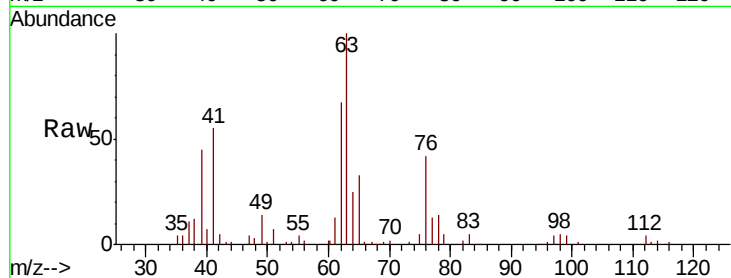




#45
 1,2-Dichloropropane
 Concen: 22.356 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY000422.D
 Acq: 25 Oct 2019 12:30

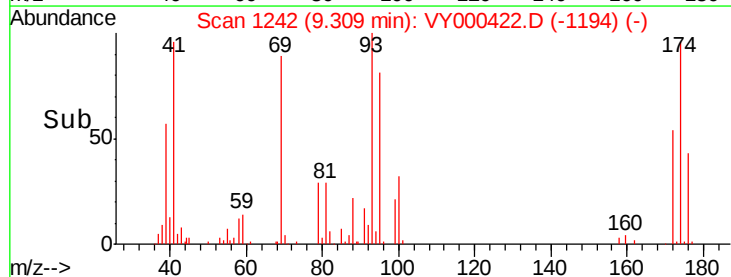
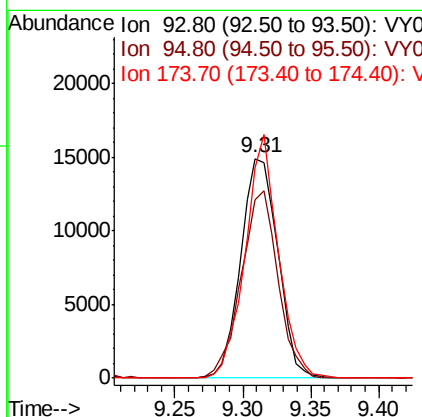
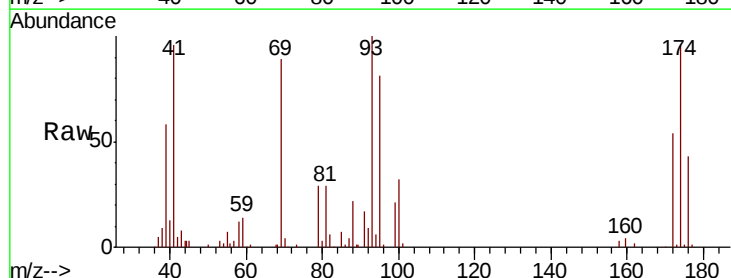
Instrument :
 MSVOA_Y
 ClientSampled :

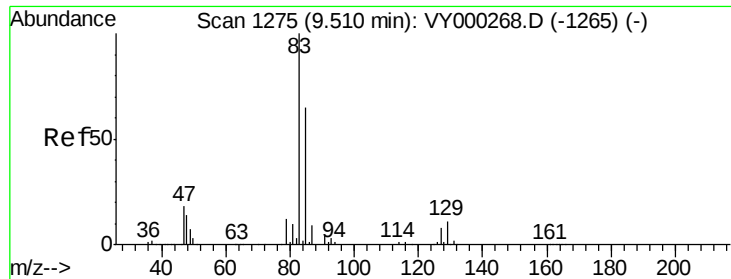
Tot Ion: 63 Resp: 53499
 Ion Ratio Lower Upper
 63 100
 65 32.8 23.2 34.8



#46
 Dibromomethane
 Concen: 21.303 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY000422.D
 Acq: 25 Oct 2019 12:30

Tgt Ion: 93 Resp: 28498
 Ion Ratio Lower Upper
 93 100
 95 84.3 68.2 102.2
 174 99.0 79.8 119.6





#47

Bromodichloromethane

Concen: 21.940 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

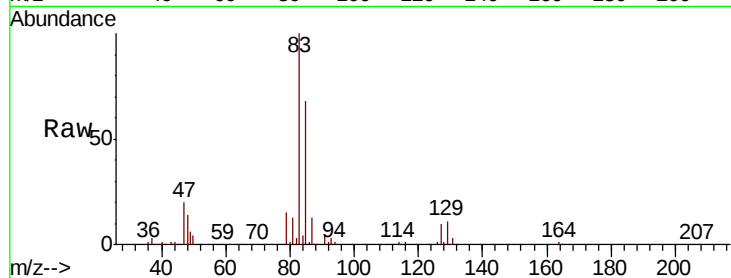
Tot Ion: 83 Resp: 69169

Ion Ratio Lower Upper

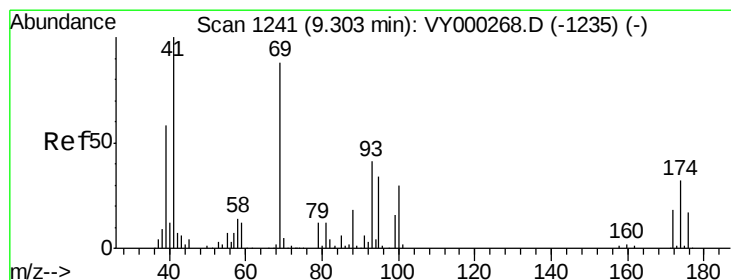
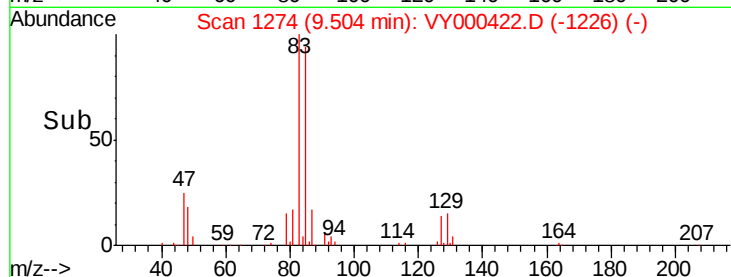
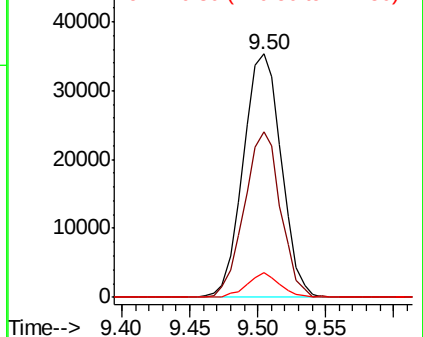
83 100

85 68.1 52.2 78.2

127 10.1 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: 20.753 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

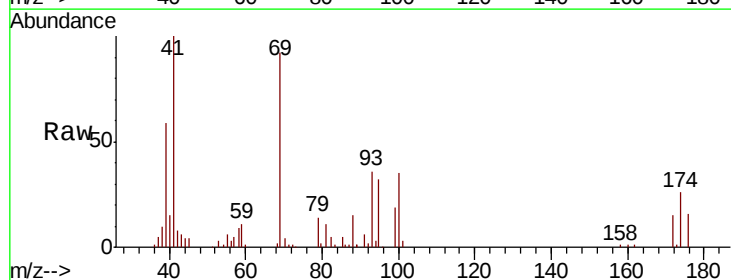
Tgt Ion: 41 Resp: 34553

Ion Ratio Lower Upper

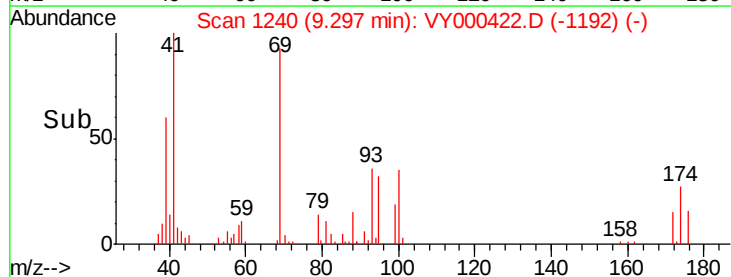
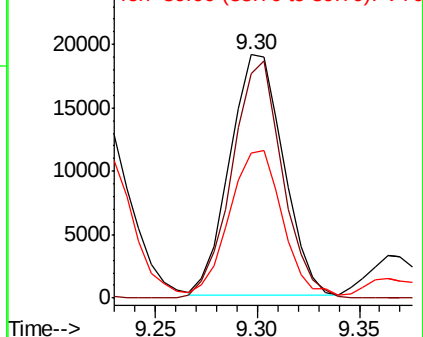
41 100

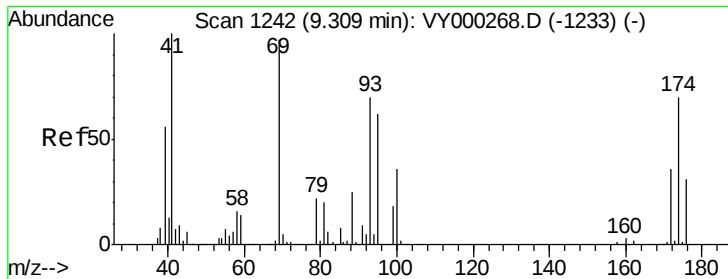
69 93.3 70.0 105.0

39 61.2 47.7 71.5



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





#49

1,4-Dioxane

Concen: 406.526 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

Instrument :
MSVOA_Y
ClientSampled :

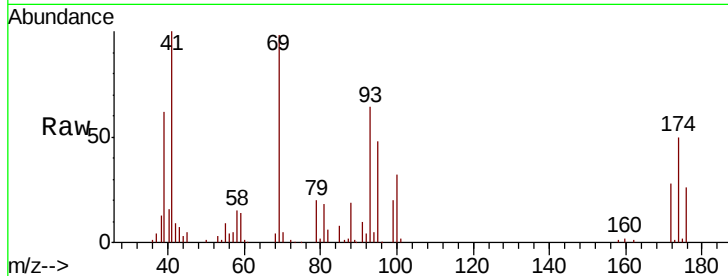
Tot Ion: 88 Resp: 8154

Ion Ratio Lower Upper

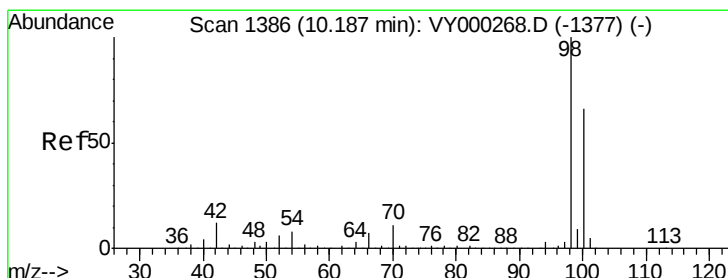
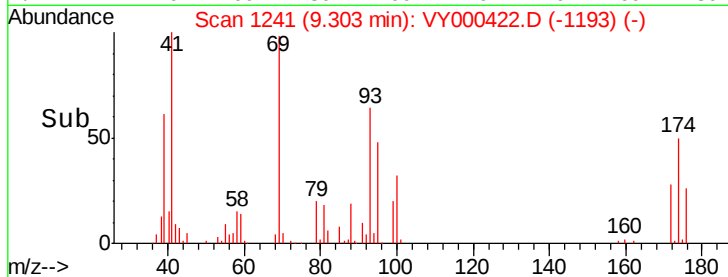
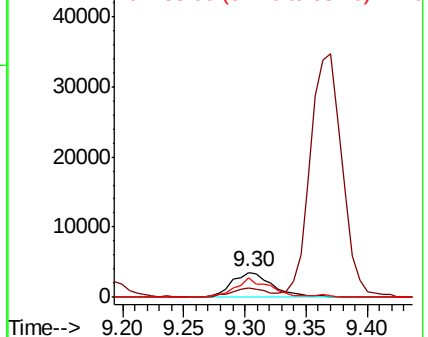
88 100

43 33.6 25.6 38.4

58 67.8 54.6 81.8



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



#50

Toluene-d8

Concen: 49.576 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY000422.D

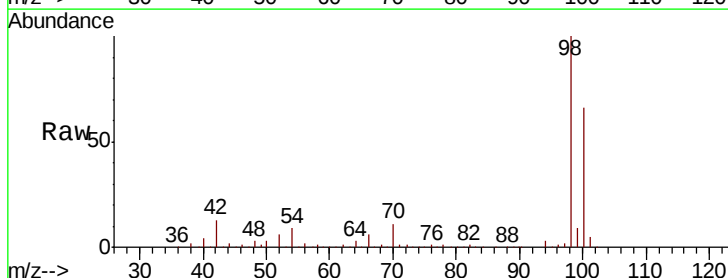
Acq: 25 Oct 2019 12:30

Tgt Ion: 98 Resp: 396465

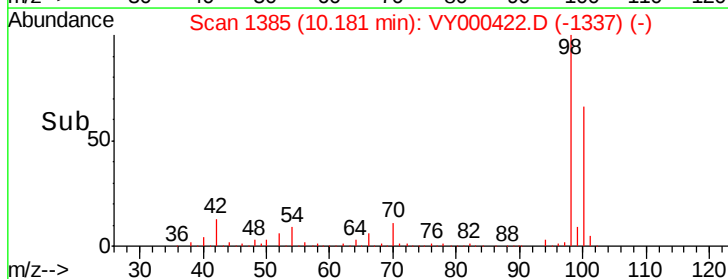
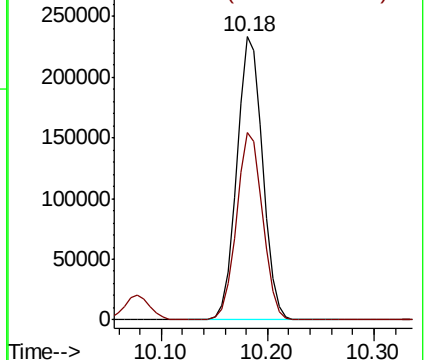
Ion Ratio Lower Upper

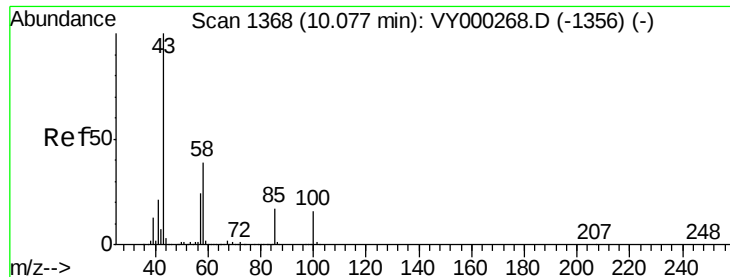
98 100

100 67.3 52.8 79.2



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





#51

4-Methyl-2-Pentanone

Concen: 111.933 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

Instrument :

MSVOA_Y

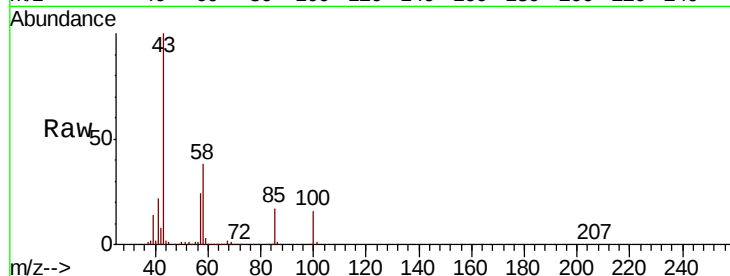
ClientSampleId :

Tot Ion: 43 Resp: 219326

Ion Ratio Lower Upper

43 100

58 39.1 31.0 46.6



Abundance Ion 43.00 (42.70 to 43.70): VY000422.D (-1356) (-)

Ion 58.00 (57.70 to 58.70): VY000422.D (-1356) (-)

10.08

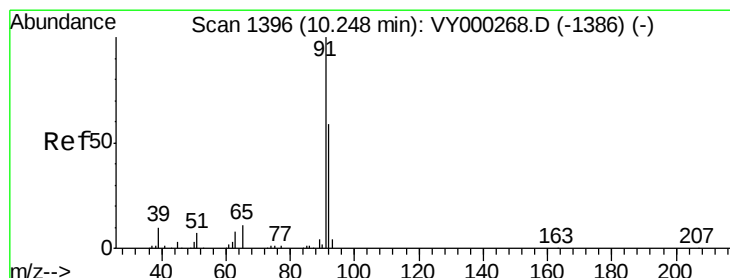
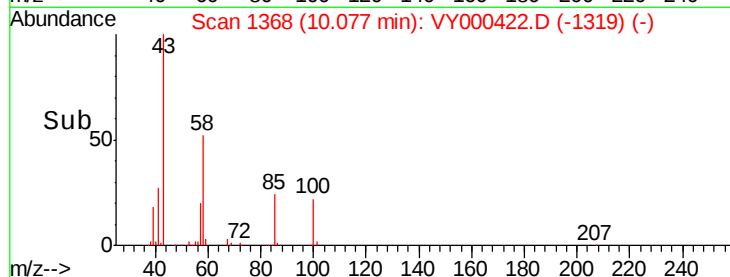
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 22.056 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VY000422.D

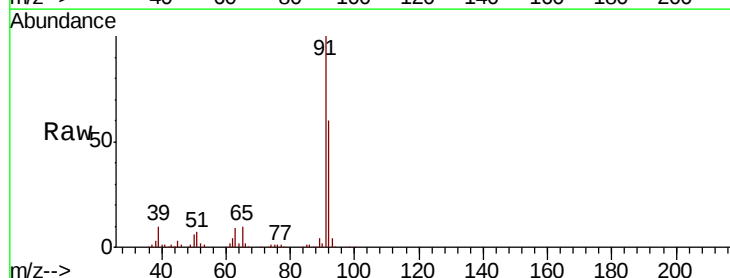
Acq: 25 Oct 2019 12:30

Tgt Ion: 92 Resp: 136548

Ion Ratio Lower Upper

92 100

91 167.3 136.6 205.0



Abundance Ion 92.00 (91.70 to 92.70): VY000422.D (-1386) (-)

Ion 91.00 (90.70 to 91.70): VY000422.D (-1386) (-)

10.25

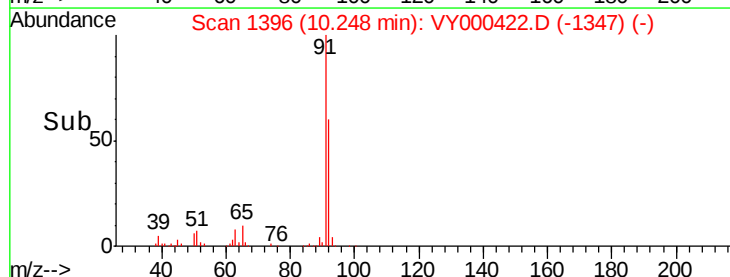
150000

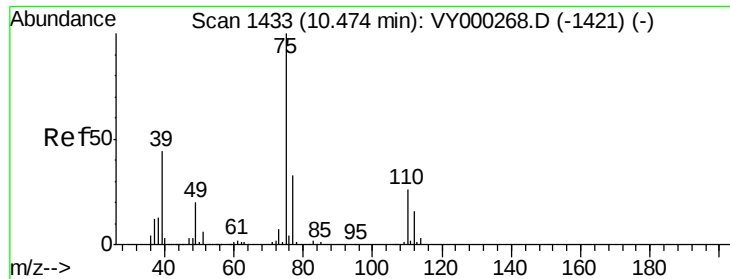
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 21.849 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

Instrument :

MSVOA_Y

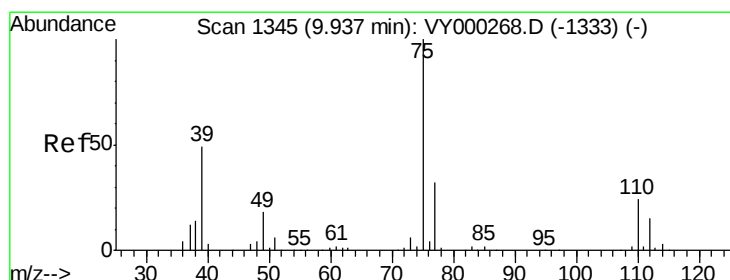
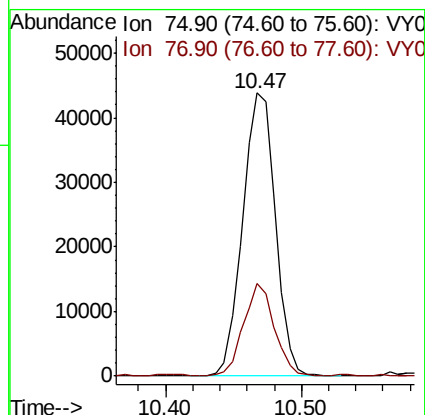
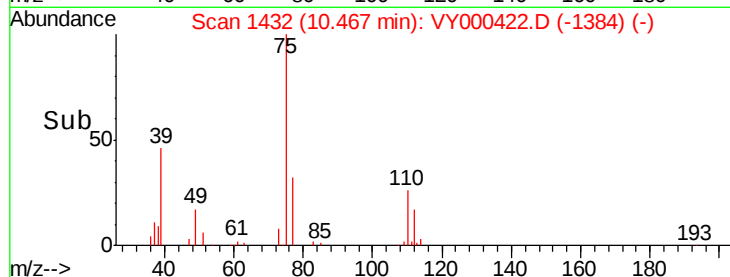
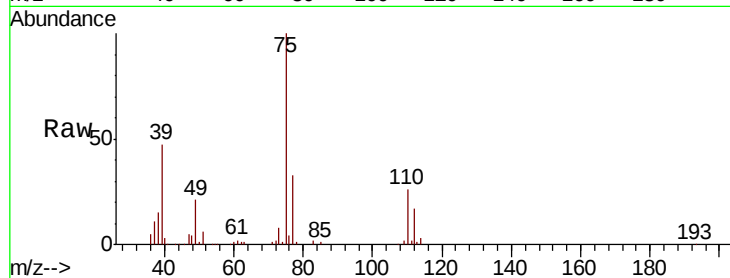
ClientSampleId :

Tot Ion: 75 Resp: 73822

Ion Ratio Lower Upper

75 100

77 32.5 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 22.489 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

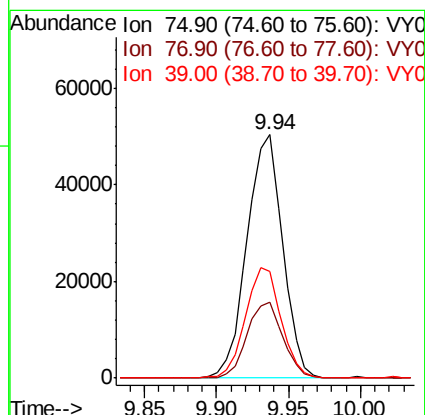
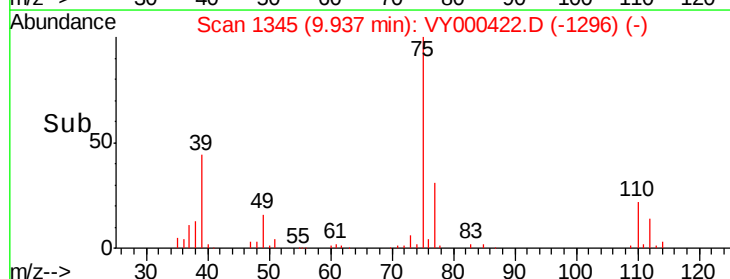
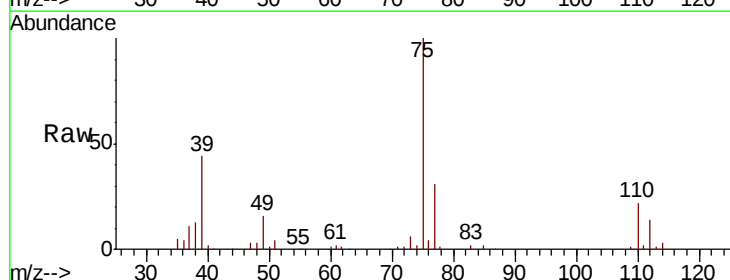
Tgt Ion: 75 Resp: 86289

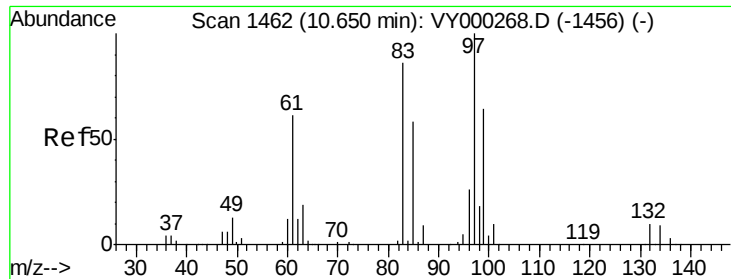
Ion Ratio Lower Upper

75 100

77 31.4 26.0 39.0

39 43.8 38.8 58.2

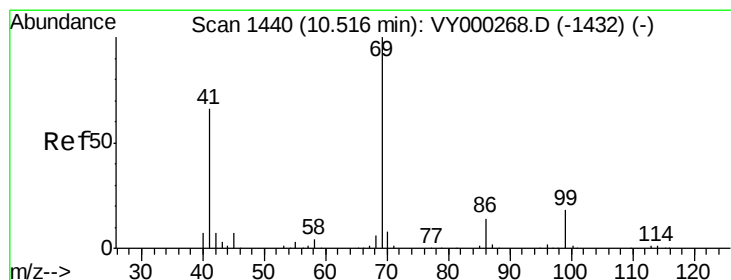
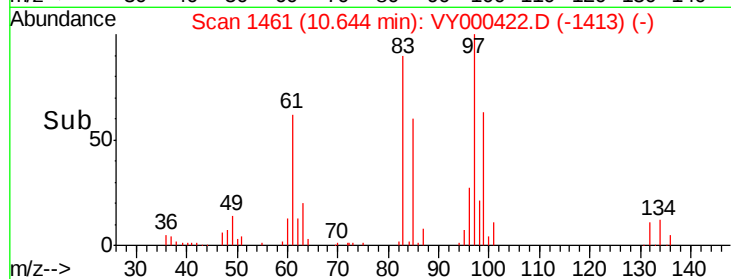
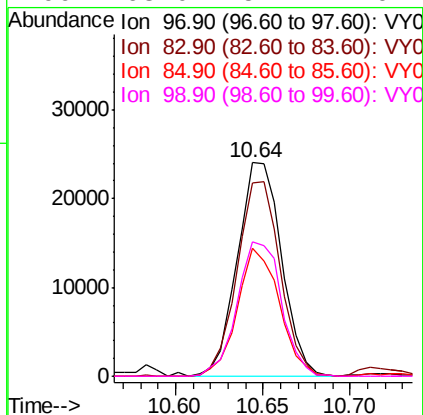
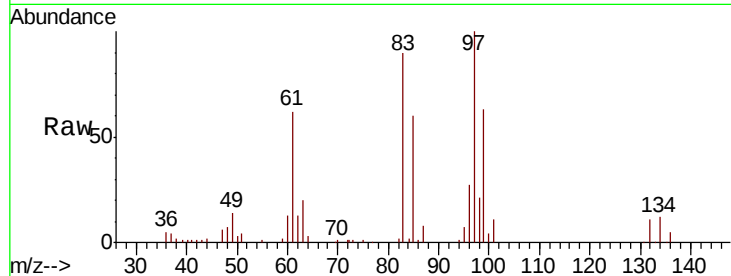




#55
 1,1,2-Trichloroethane
 Concen: 21.728 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY000422.D
 Acq: 25 Oct 2019 12:30

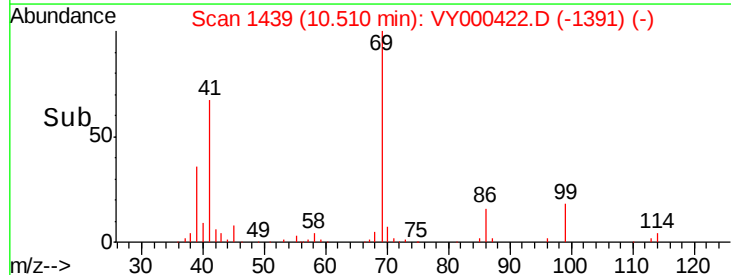
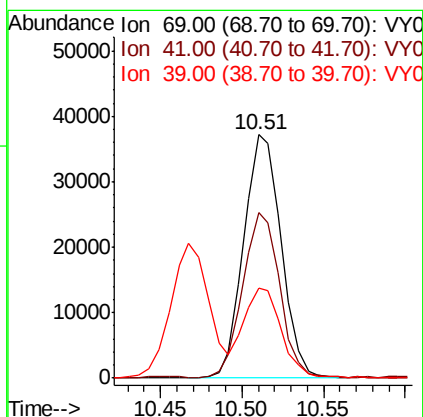
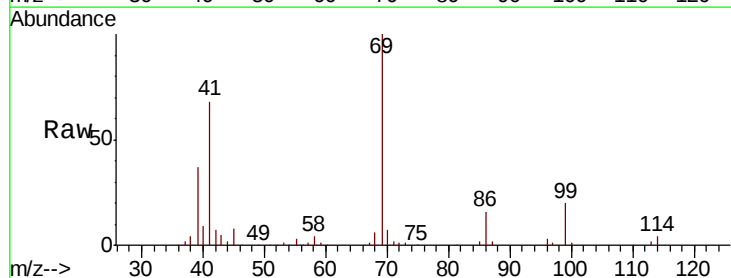
Instrument :
 MSVOA_Y
 ClientSampleId :

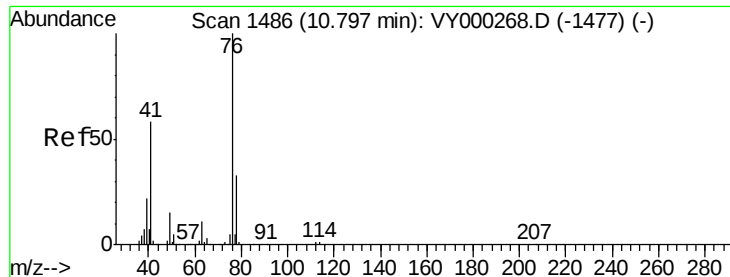
Tot Ion:	97	Resp:	42261
Ion	Ratio	Lower	Upper
97	100		
83	90.4	69.0	103.6
85	59.8	46.2	69.4
99	63.0	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 21.454 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: VY000422.D
 Acq: 25 Oct 2019 12:30

Tgt Ion:	69	Resp:	59479
Ion	Ratio	Lower	Upper
69	100		
41	67.2	52.5	78.7
39	37.2	26.7	40.1





#57

1,3-Dichloropropane

Concen: 22.629 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

Instrument :

MSVOA_Y

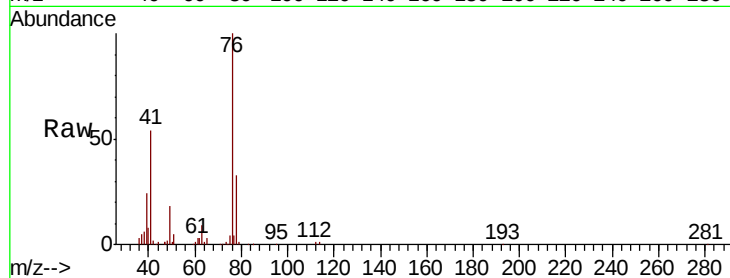
ClientSampleId :

Tot Ion: 76 Resp: 75589

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

50000

40000

30000

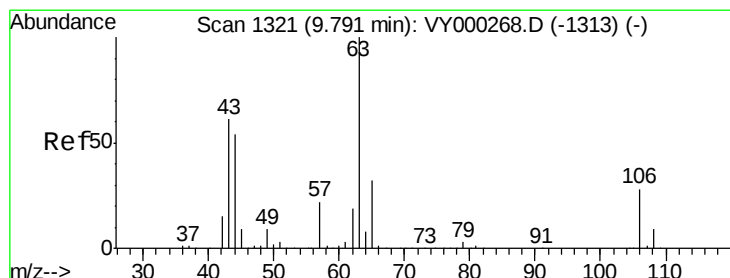
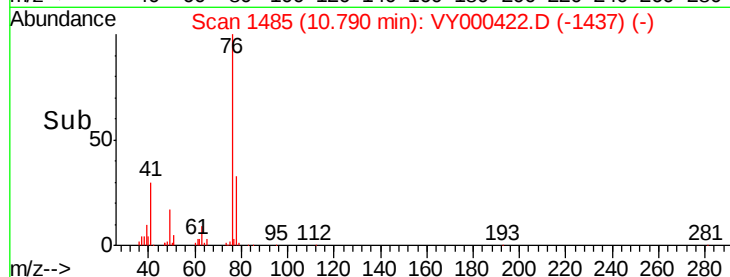
20000

10000

0

Time-->

10.70 10.80 10.90



#58

2-Chloroethyl Vinyl ether

Concen: 121.197 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VY000422.D

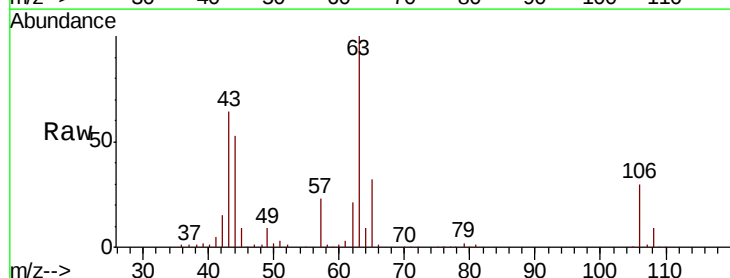
Acq: 25 Oct 2019 12:30

Tgt Ion: 63 Resp: 134021

Ion Ratio Lower Upper

63 100

106 29.0 23.0 34.4



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.79

80000

60000

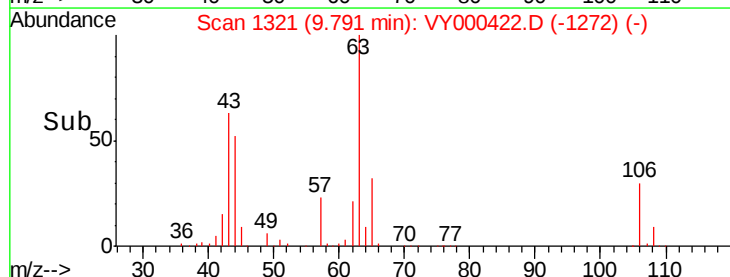
40000

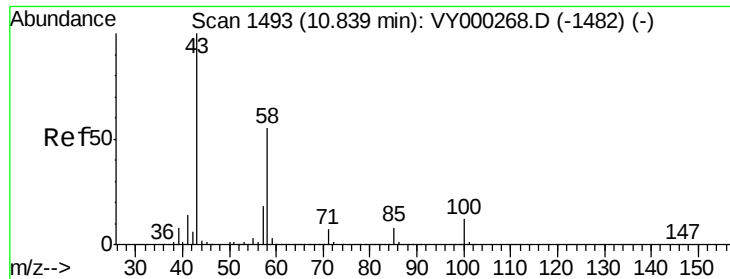
20000

0

Time-->

9.70 9.75 9.80 9.85 9.90

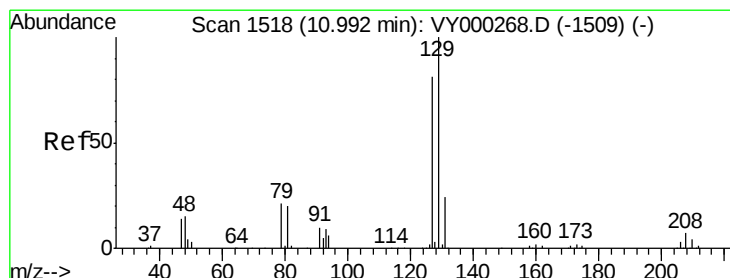
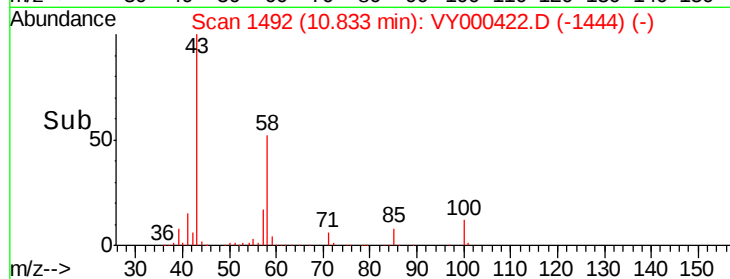
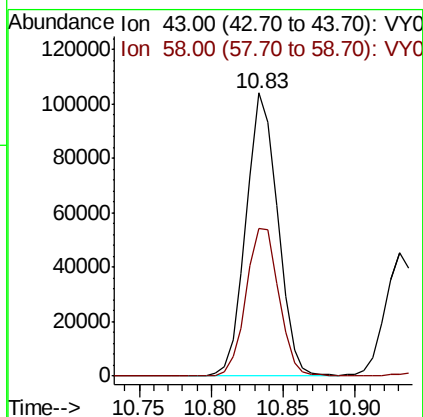
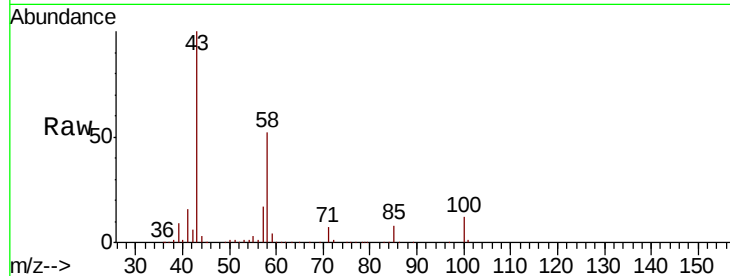




#59
2-Hexanone
Concen: 115.429 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

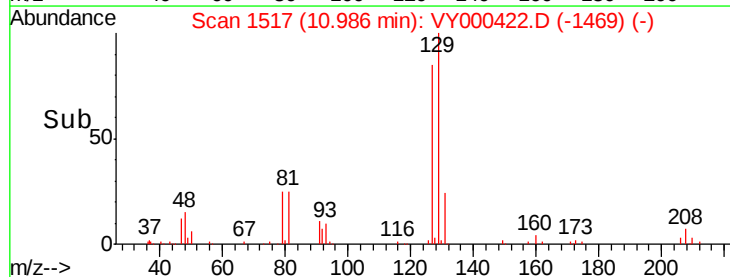
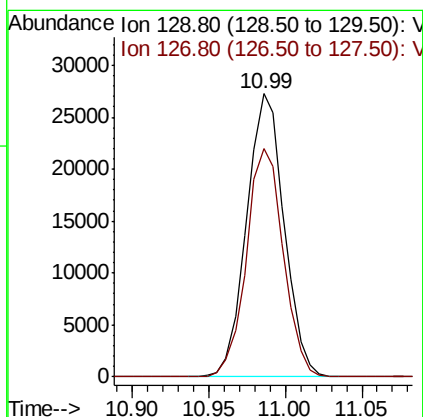
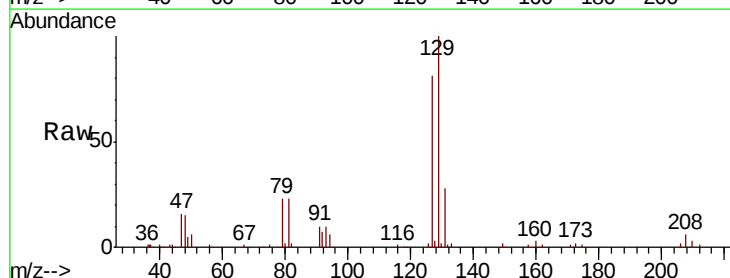
Instrument :
MSVOA_Y
ClientSampled :

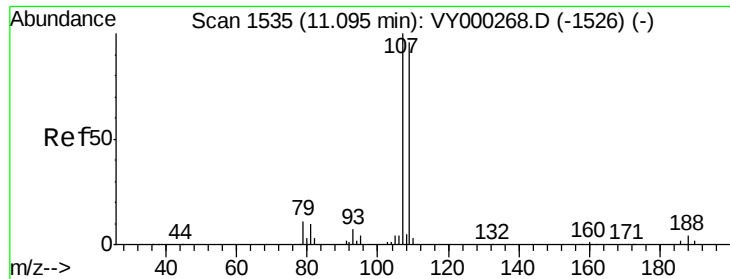
Tot Ion: 43 Resp: 158755
Ion Ratio Lower Upper
43 100
58 53.9 27.7 83.1



#60
Dibromochloromethane
Concen: 21.550 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Tgt Ion: 129 Resp: 46459
Ion Ratio Lower Upper
129 100
127 79.2 39.9 119.7

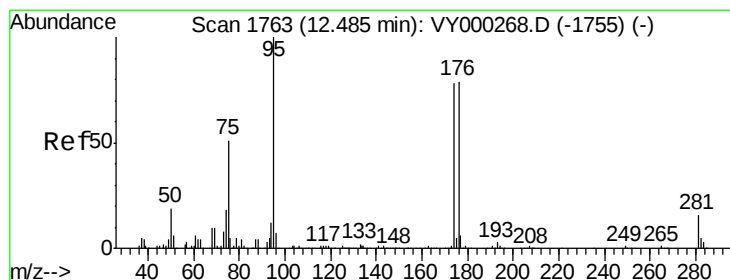
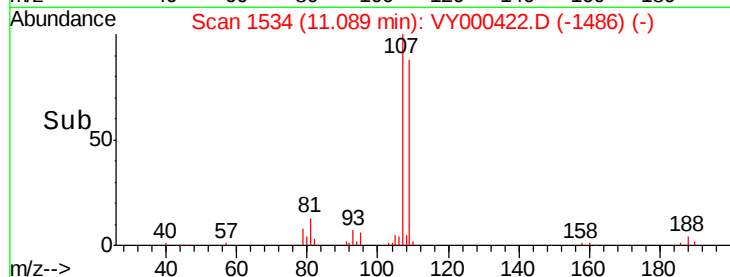
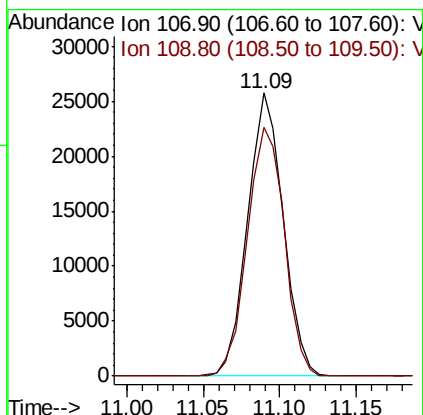
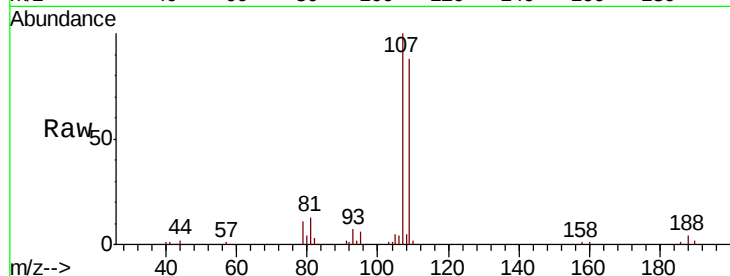




#61
 1,2-Dibromoethane
 Concen: 22.329 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY000422.D
 Acq: 25 Oct 2019 12:30

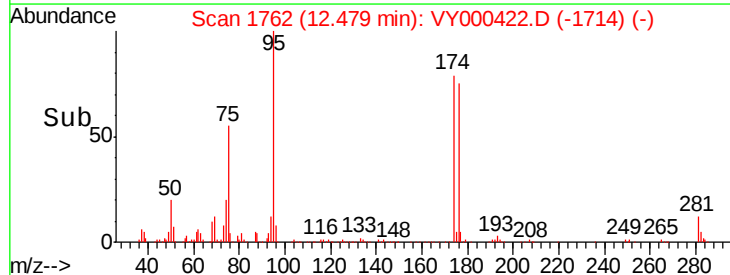
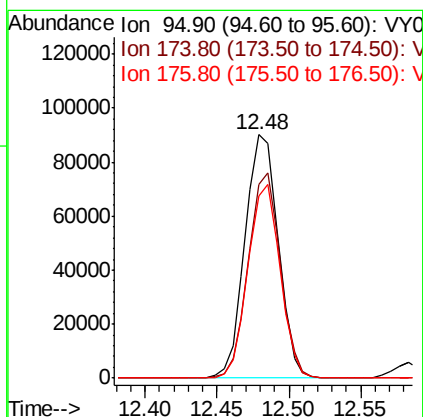
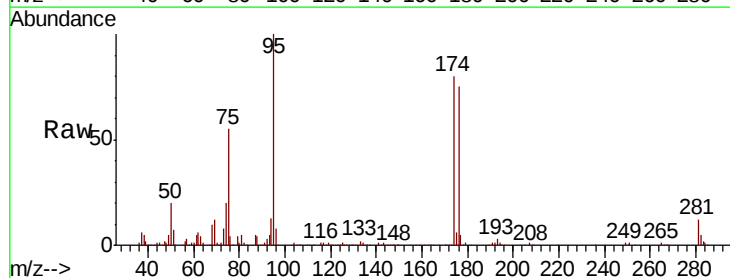
Instrument :
 MSVOA_Y
 ClientSampleId :

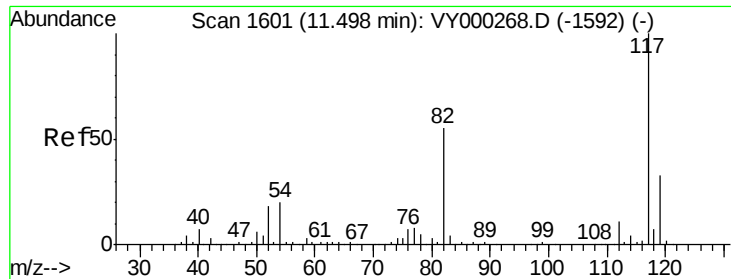
Tot Ion: 107 Resp: 41700
 Ion Ratio Lower Upper
 107 100
 109 91.2 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 47.314 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY000422.D
 Acq: 25 Oct 2019 12:30

Tgt Ion: 95 Resp: 143750
 Ion Ratio Lower Upper
 95 100
 174 81.2 0.0 159.6
 176 77.1 0.0 153.8

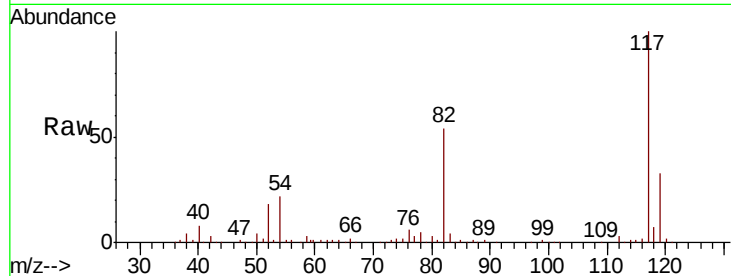




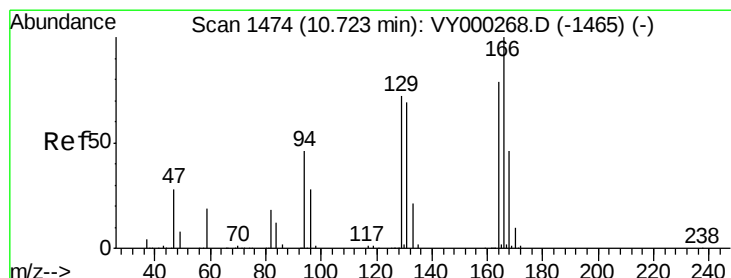
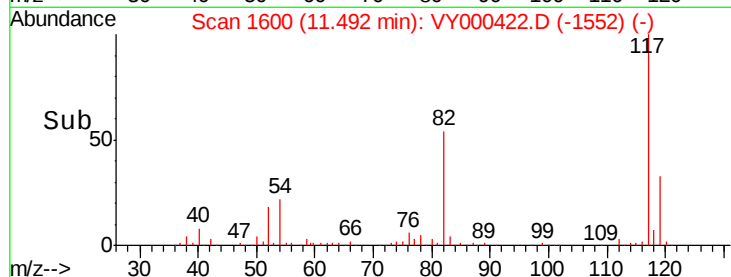
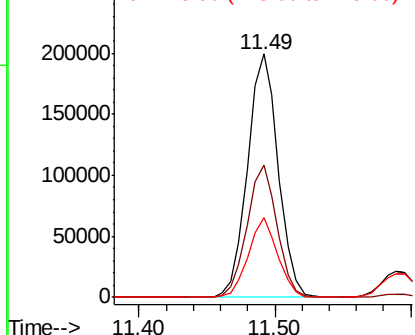
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 313641
Ion Ratio Lower Upper
117 100
82 54.4 43.7 65.5
119 33.0 26.6 39.8

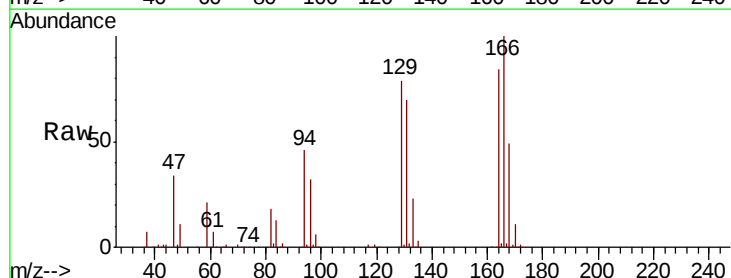


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

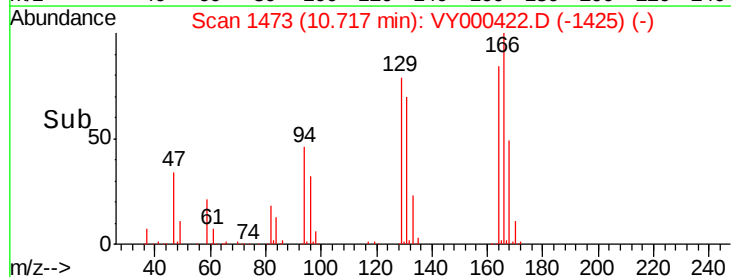
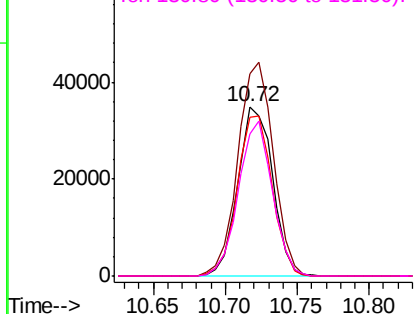


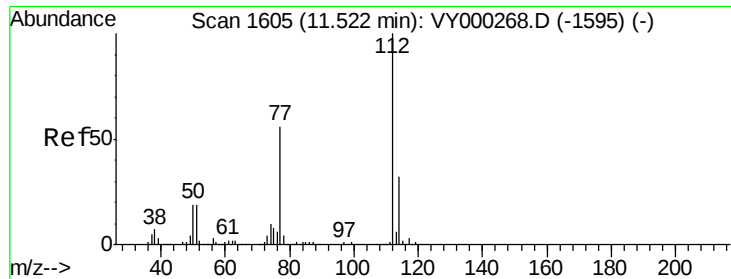
#64
Tetrachloroethene
Concen: 19.573 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Tgt Ion:164 Resp: 58444
Ion Ratio Lower Upper
164 100
166 119.7 100.6 151.0
129 94.0 72.8 109.2
131 83.9 69.4 104.2



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

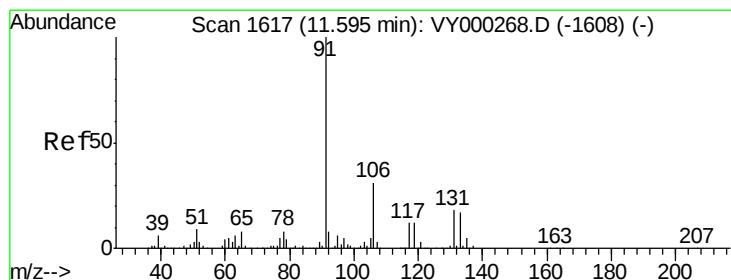
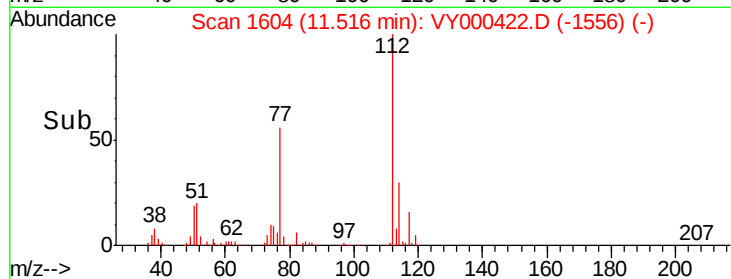
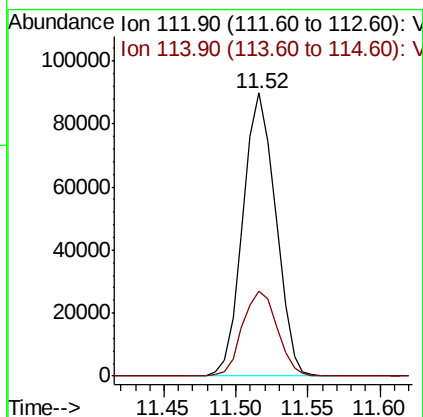
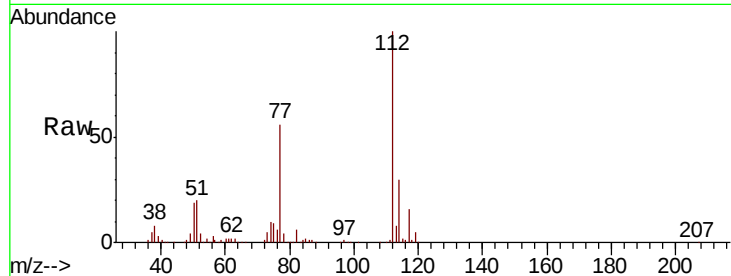




#65
Chlorobenzene
Concen: 21.529 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

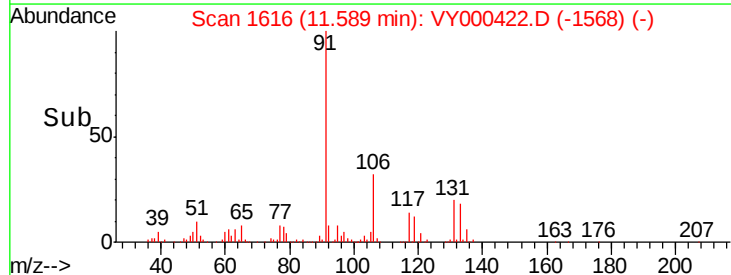
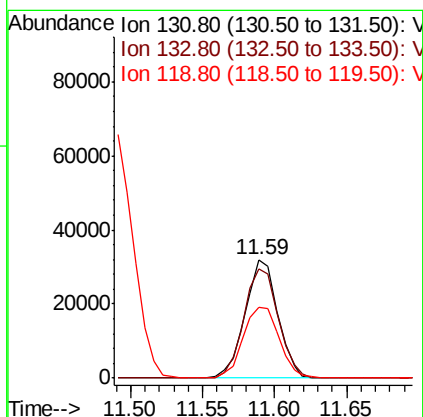
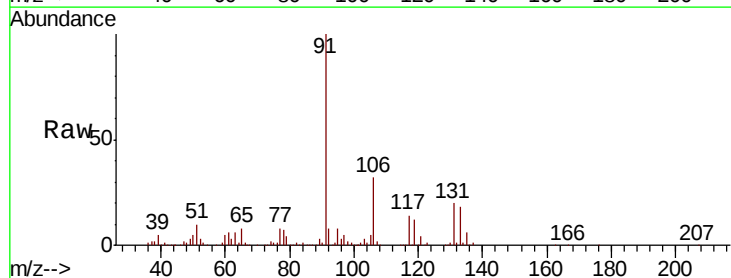
Instrument :
MSVOA_Y
ClientSampleId :

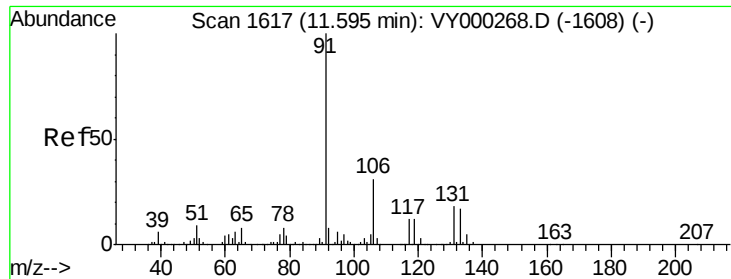
Tot Ion:112 Resp: 142508
Ion Ratio Lower Upper
112 100
114 30.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 21.595 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Tgt Ion:131 Resp: 50213
Ion Ratio Lower Upper
131 100
133 97.4 47.2 141.6
119 66.0 32.6 98.0

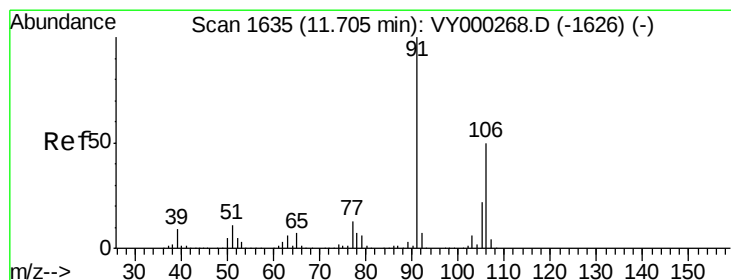
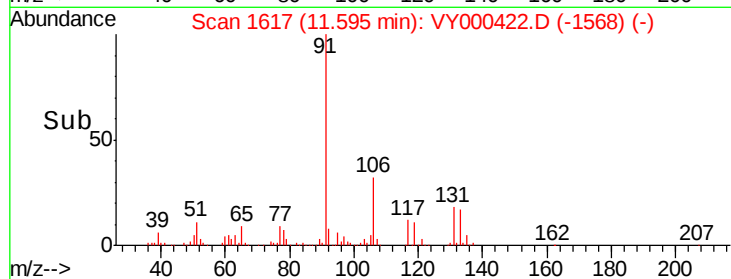
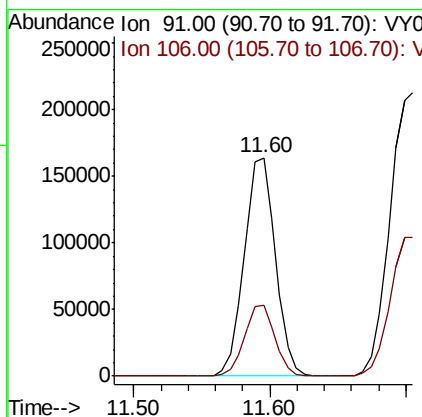
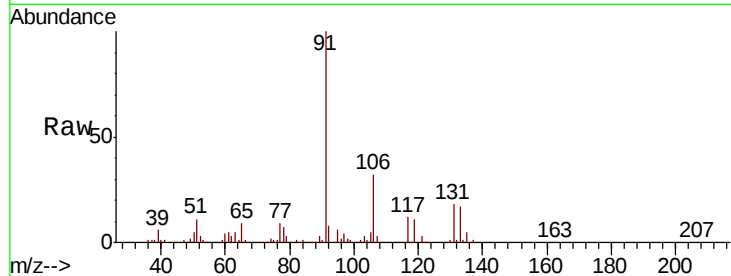




#67
Ethyl Benzene
Concen: 21.407 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

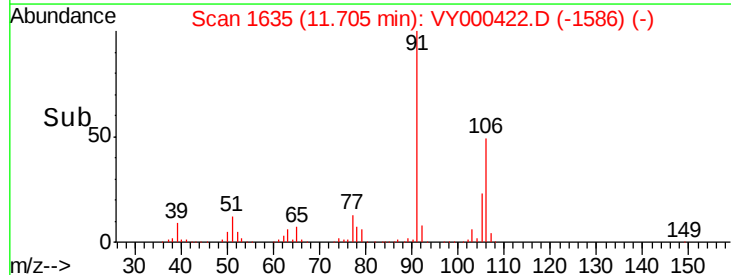
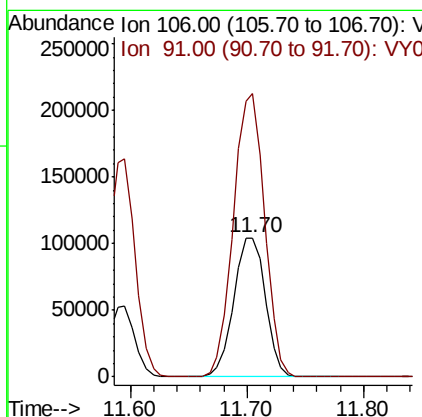
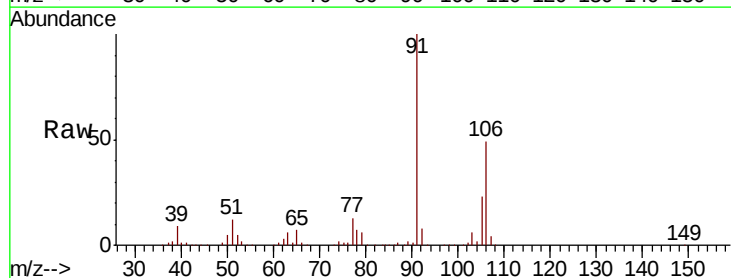
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 91 Resp: 262674
Ion Ratio Lower Upper
91 100
106 32.2 25.0 37.6



#68
m/p-Xylenes
Concen: 42.359 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Tgt Ion: 106 Resp: 198700
Ion Ratio Lower Upper
106 100
91 200.0 157.5 236.3

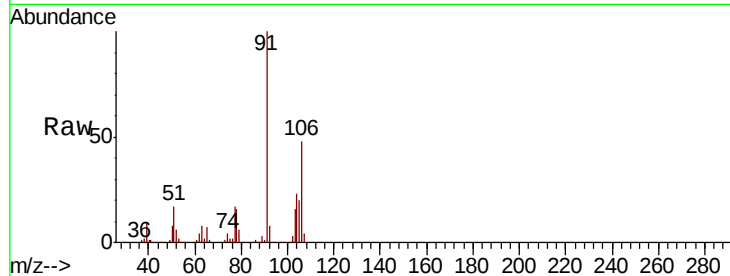




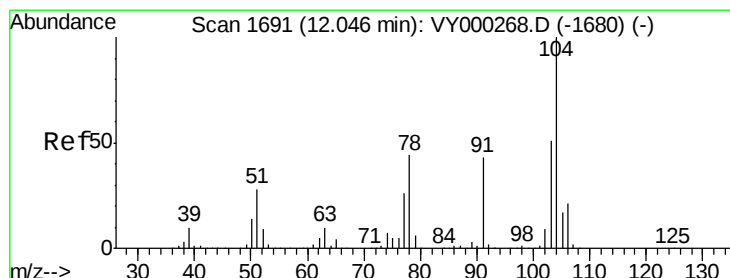
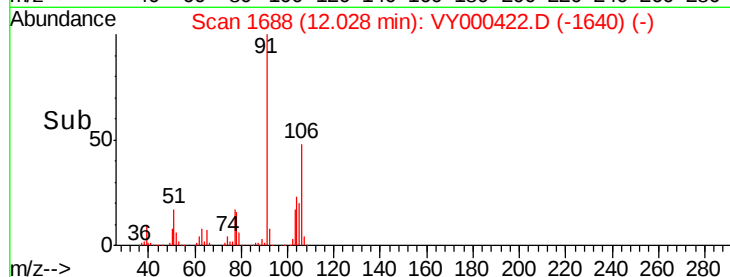
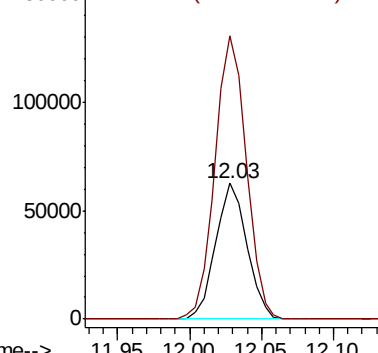
#69
o-Xylene
Concen: 21.099 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:106 Resp: 94418
Ion Ratio Lower Upper
106 100
91 208.3 104.7 313.9

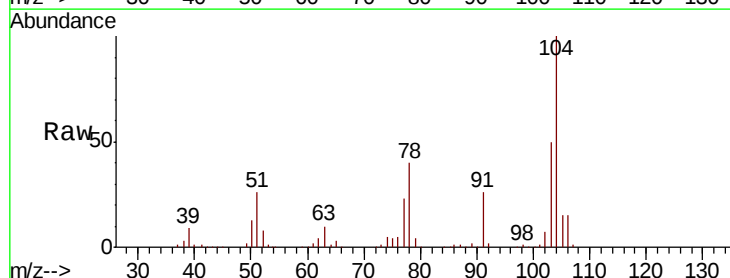


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

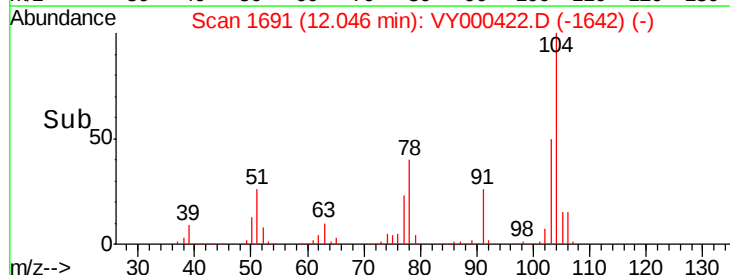
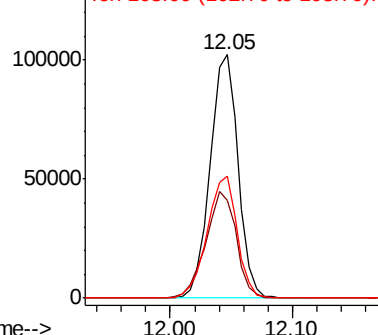


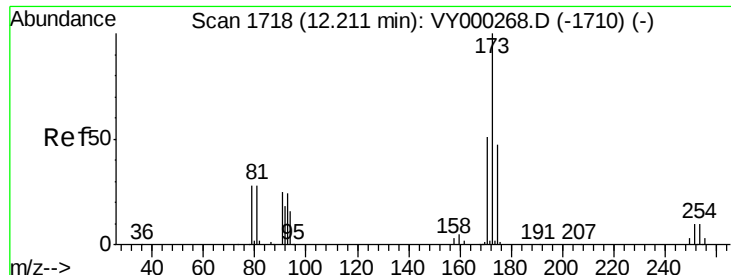
#70
Styrene
Concen: 21.443 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Tgt Ion:104 Resp: 161826
Ion Ratio Lower Upper
104 100
78 47.4 39.0 58.6
103 53.3 43.1 64.7



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





#71

Bromoform

Concen: 21.234 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

Instrument :

MSVOA_Y

ClientSampled :

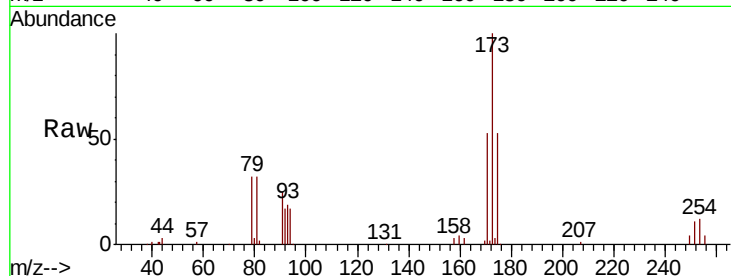
Tot Ion:173 Resp: 28383

Ion Ratio Lower Upper

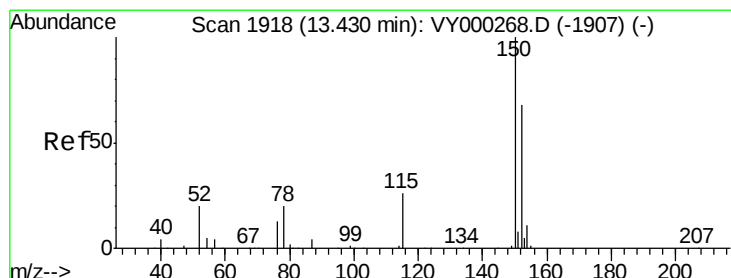
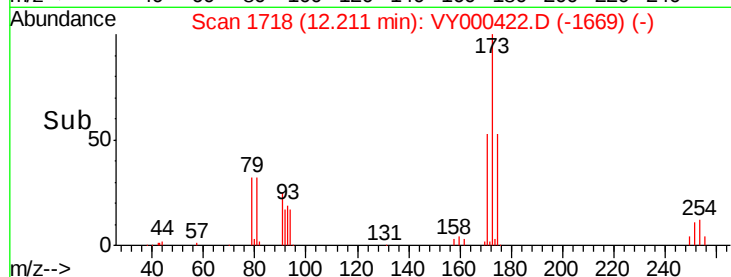
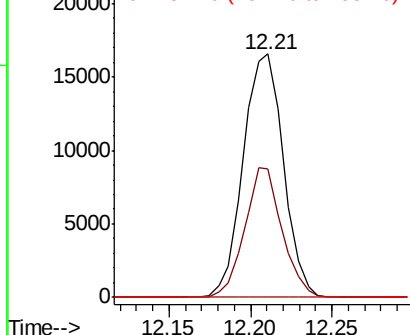
173 100

175 49.2 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: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

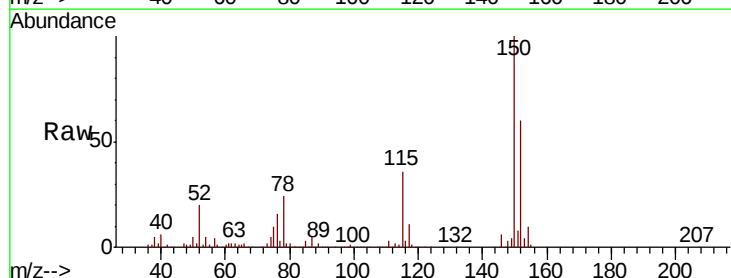
Tgt Ion:152 Resp: 150123

Ion Ratio Lower Upper

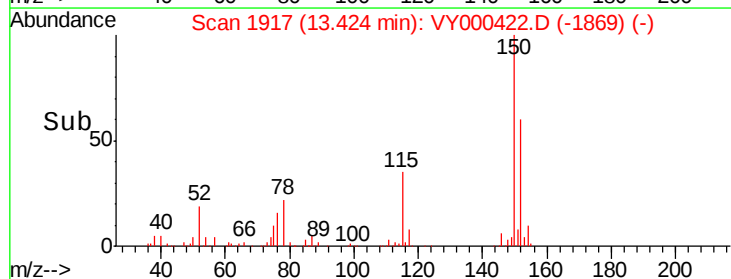
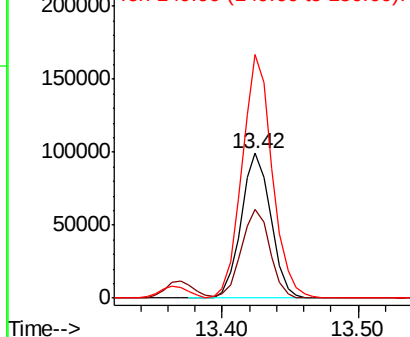
152 100

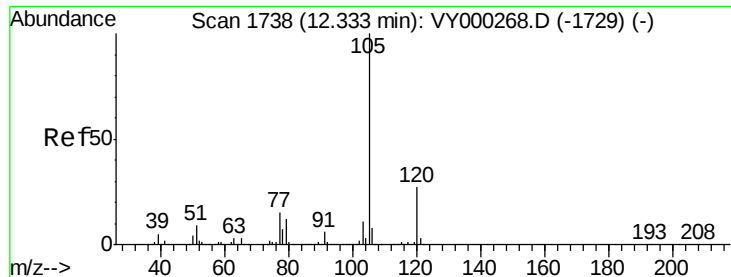
115 59.6 29.3 88.0

150 171.7 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: 21.422 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.01 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

Instrument :

MSVOA_Y

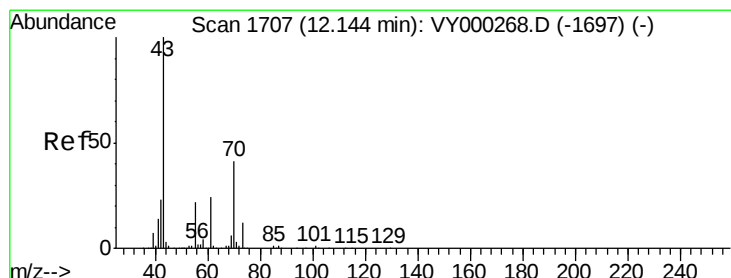
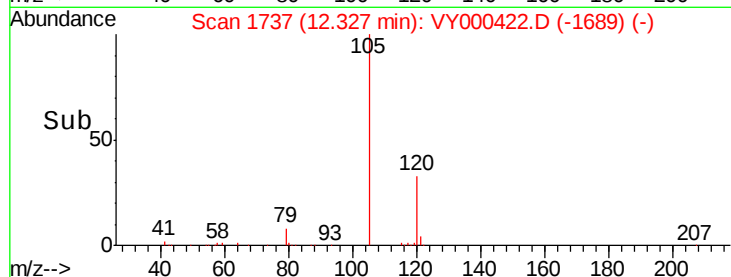
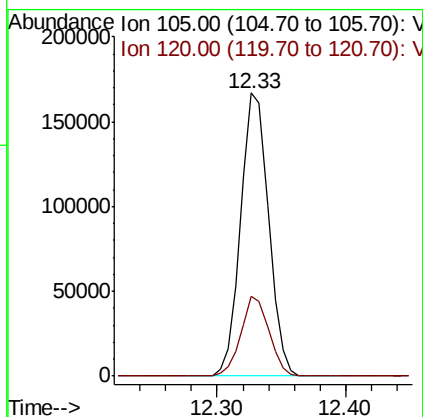
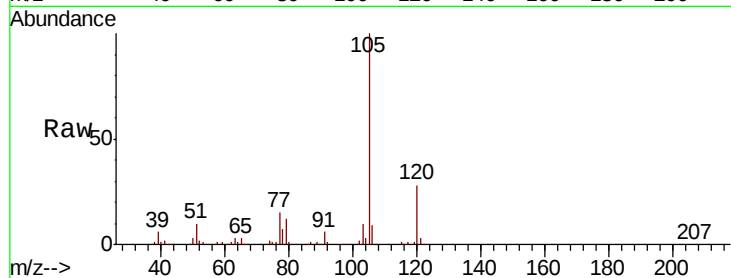
ClientSampleId :

Tot Ion:105 Resp: 250753

Ion Ratio Lower Upper

105 100

120 28.1 13.4 40.2



#74

N-ethyl acetate

Concen: 25.536 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

Tgt Ion: 43 Resp: 73384

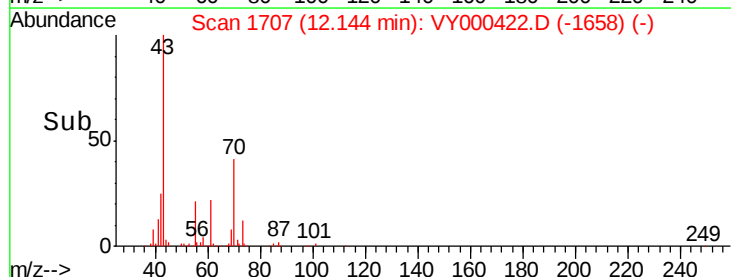
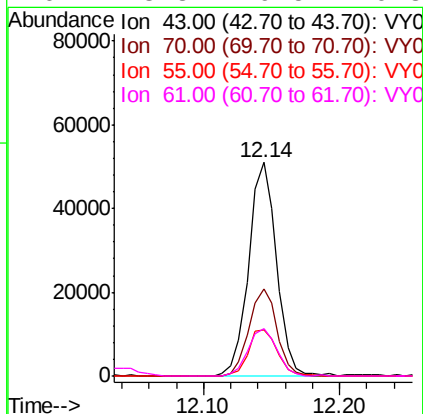
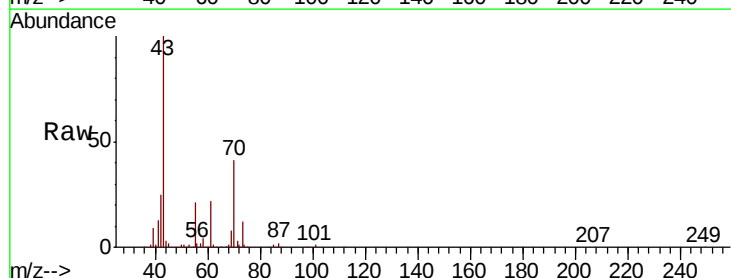
Ion Ratio Lower Upper

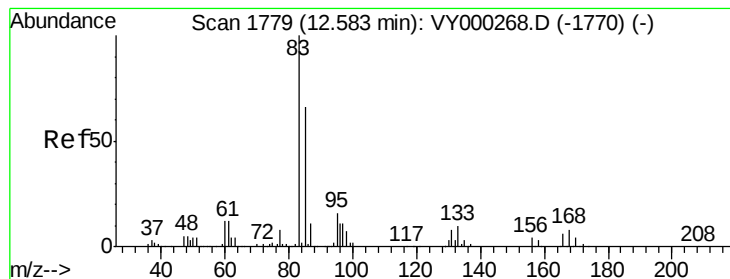
43 100

70 40.7 32.9 49.3

55 22.6 17.8 26.6

61 23.3 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 23.498 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

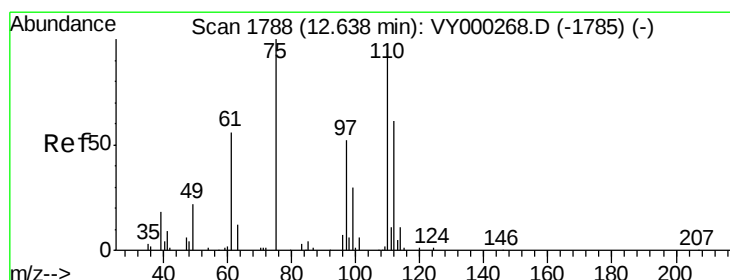
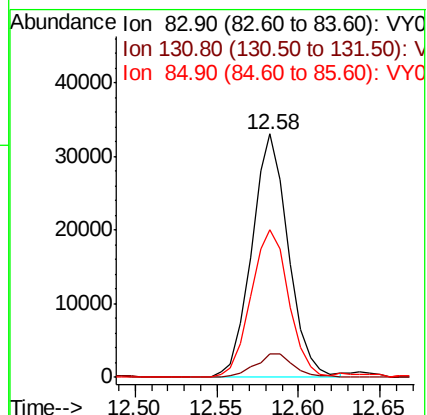
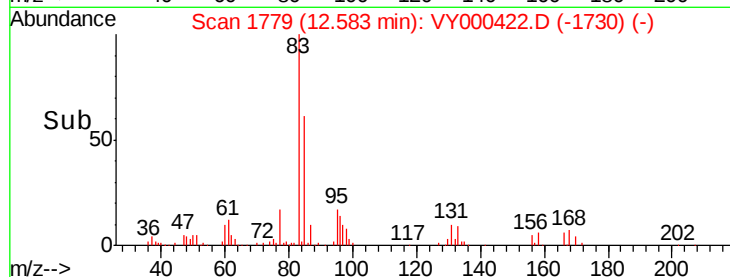
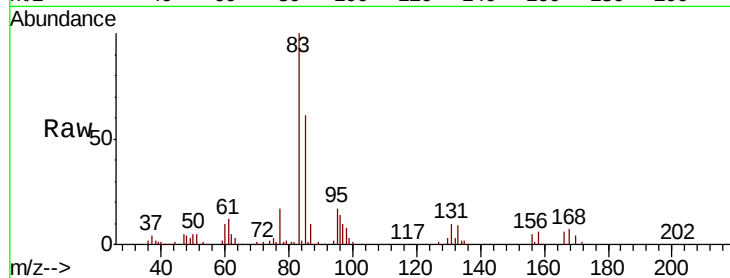
Tot Ion: 83 Resp: 51643

Ion Ratio Lower Upper

83 100

131 10.1 5.3 16.1

85 62.3 32.9 98.7



#76

1,2,3-Trichloropropane

Concen: 37.216 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.01 min

Lab File: VY000422.D

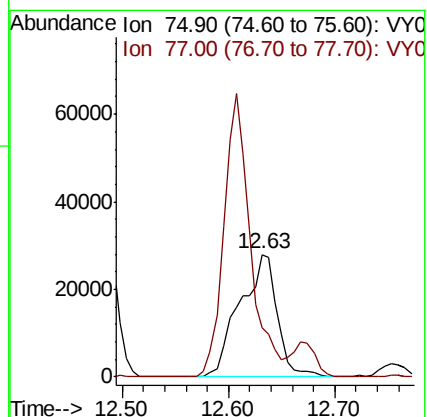
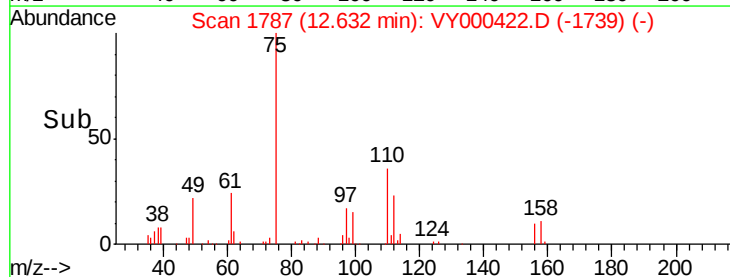
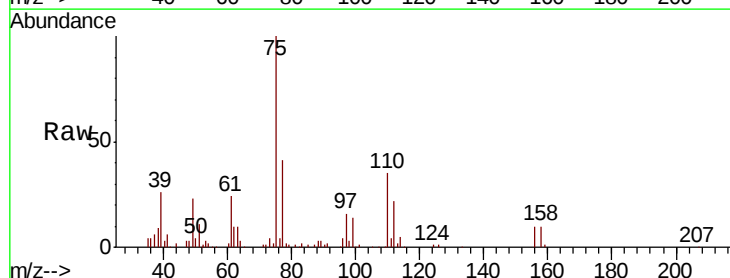
Acq: 25 Oct 2019 12:30

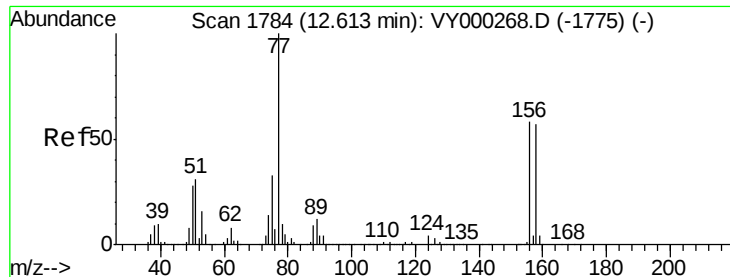
Tgt Ion: 75 Resp: 68701

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 22.308 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

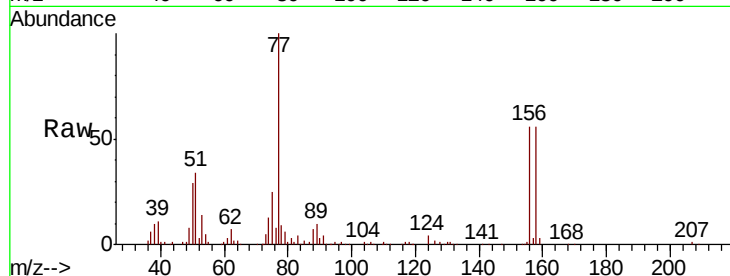
Tot Ion:156 Resp: 58106

Ion Ratio Lower Upper

156 100

77 193.2 101.0 302.9

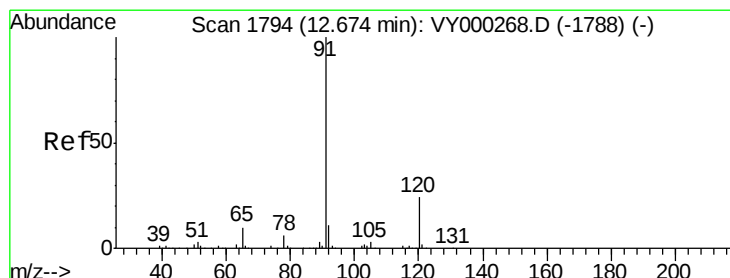
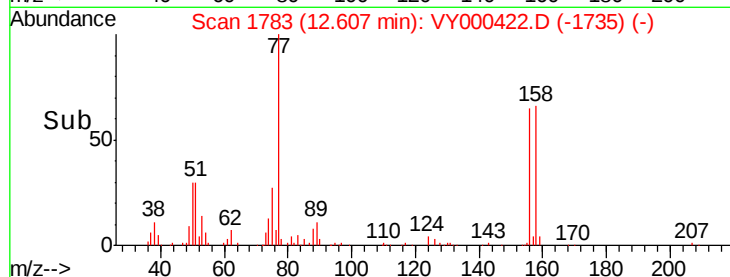
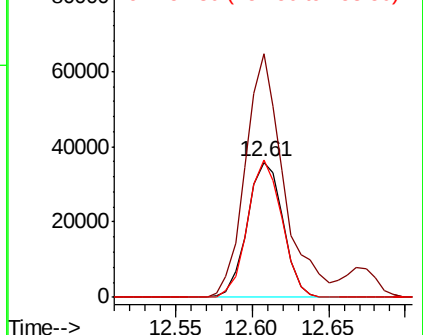
158 98.1 49.7 149.1



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: 21.968 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VY000422.D

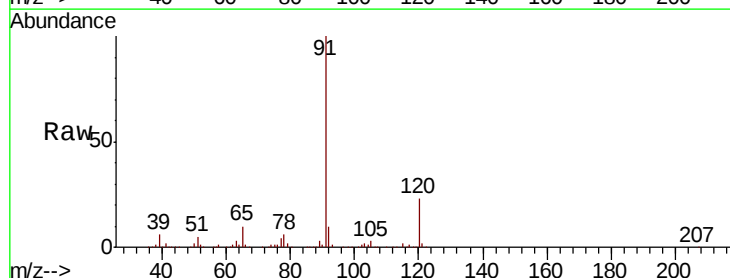
Acq: 25 Oct 2019 12:30

Tgt Ion: 91 Resp: 308741

Ion Ratio Lower Upper

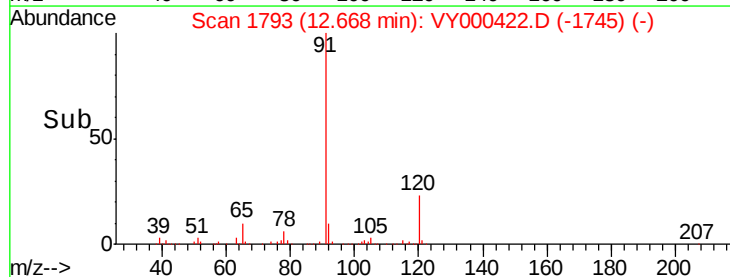
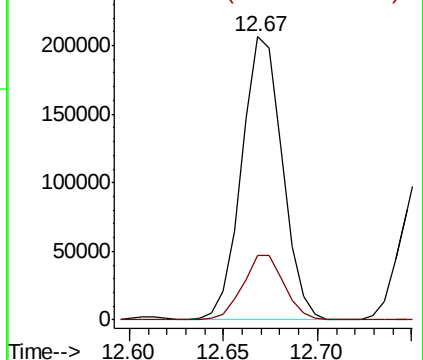
91 100

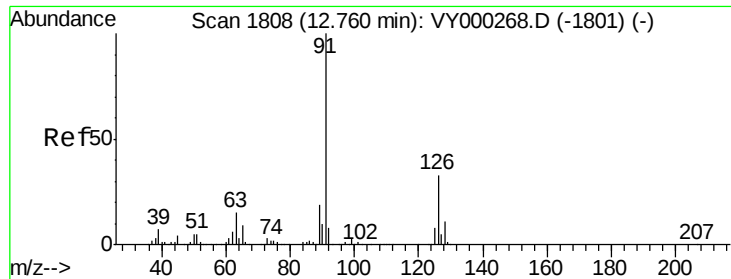
120 23.2 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.229 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.01 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

Instrument :

MSVOA_Y

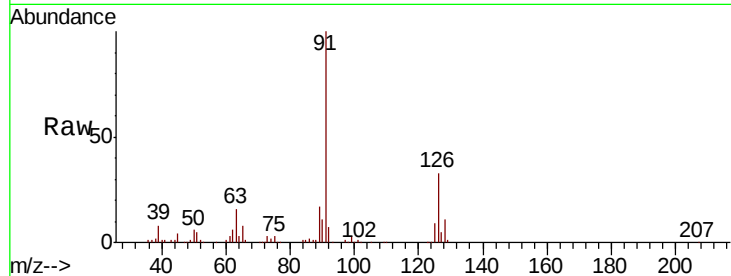
ClientSampled :

Tot Ion: 91 Resp: 172538

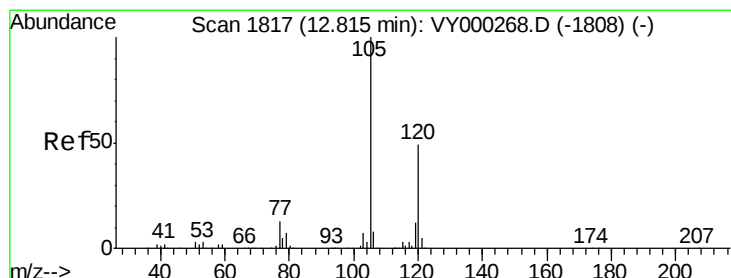
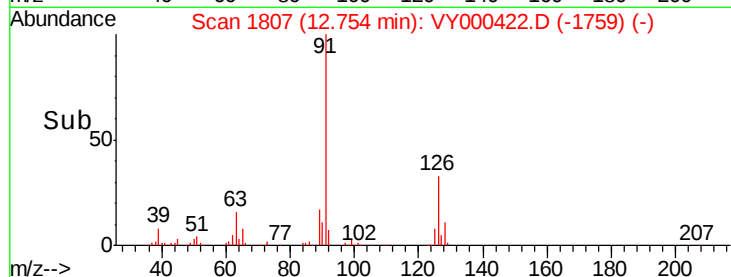
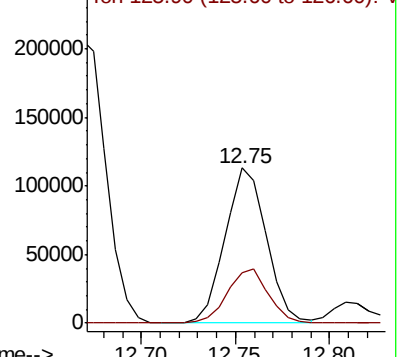
Ion Ratio Lower Upper

91 100

126 34.7 17.1 51.3



Abundance Ion 91.00 (90.70 to 91.70): VY000422.D (-1759) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.922 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. -0.00 min

Lab File: VY000422.D

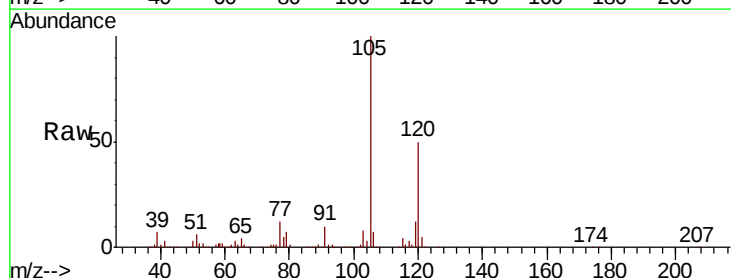
Acq: 25 Oct 2019 12:30

Tgt Ion: 105 Resp: 215171

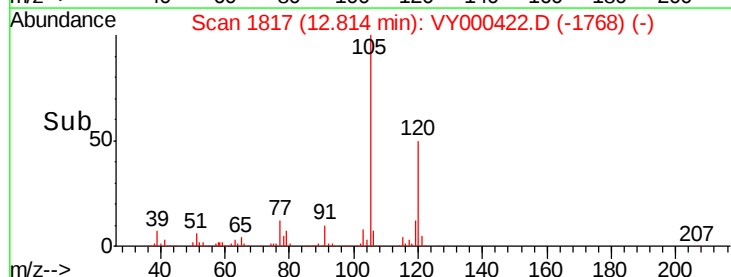
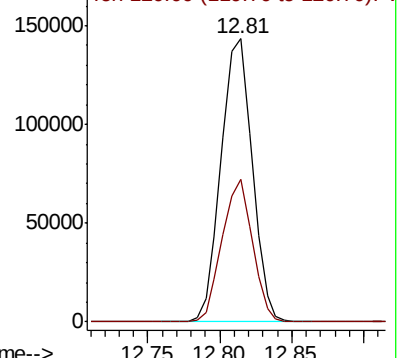
Ion Ratio Lower Upper

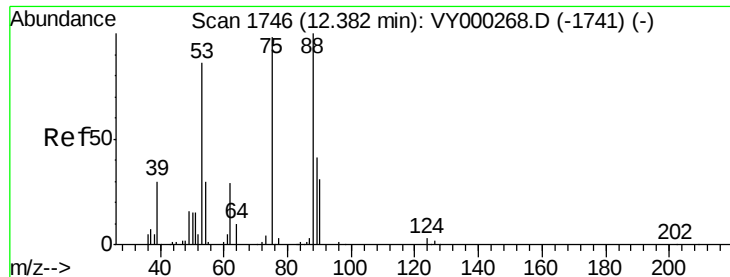
105 100

120 49.2 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000422.D (-1768) (-)

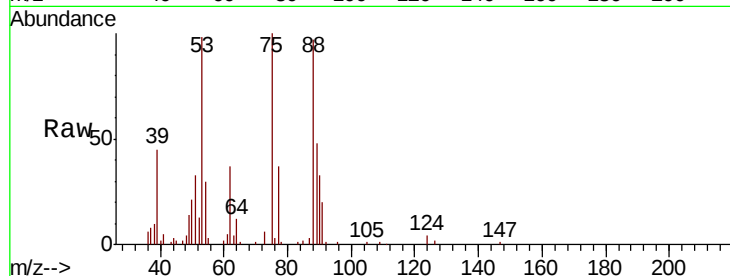




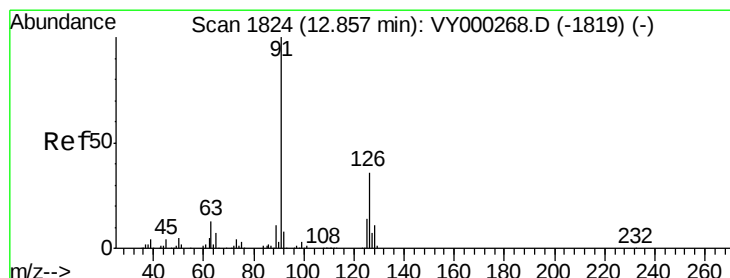
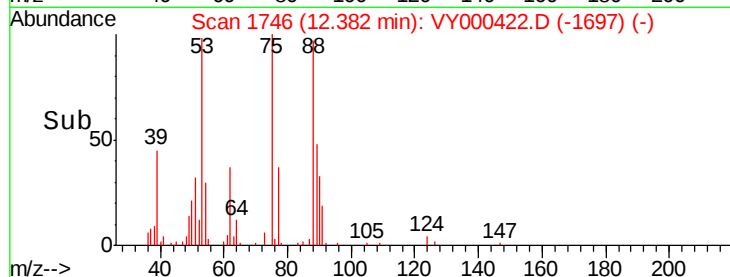
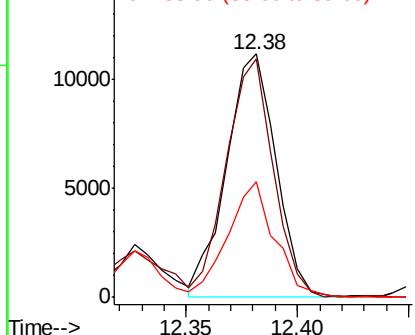
#81
trans-1,4-Dichloro-2-butene
Concen: 20.540 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. -0.00 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 75 Resp: 17330
Ion Ratio Lower Upper
75 100
53 93.3 71.3 106.9
89 45.1 35.1 52.7

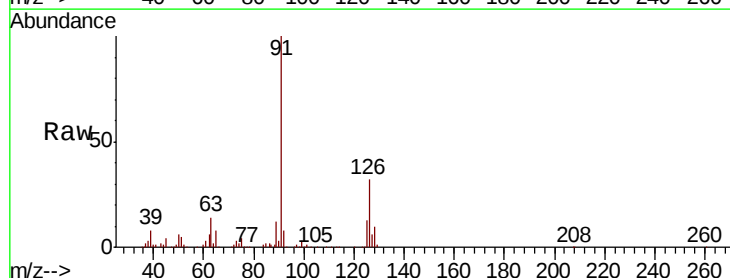


Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 53.00 (52.70 to 53.70): VY0
Ion 88.90 (88.60 to 89.60): VY0

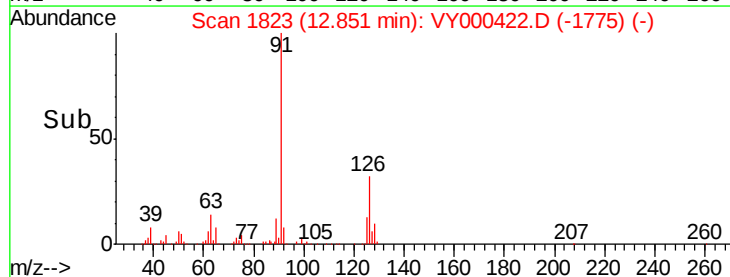
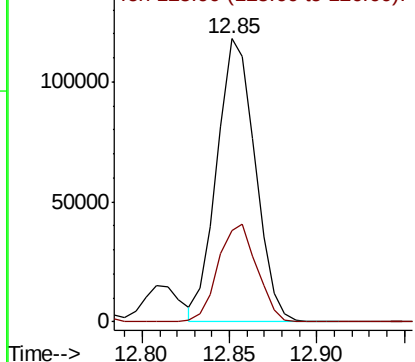


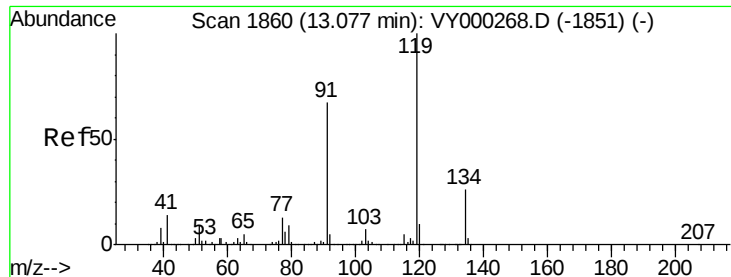
#82
4-Chlorotoluene
Concen: 21.899 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Tgt Ion: 91 Resp: 179669
Ion Ratio Lower Upper
91 100
126 35.0 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: 22.248 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

Instrument :

MSVOA_Y

ClientSampleId :

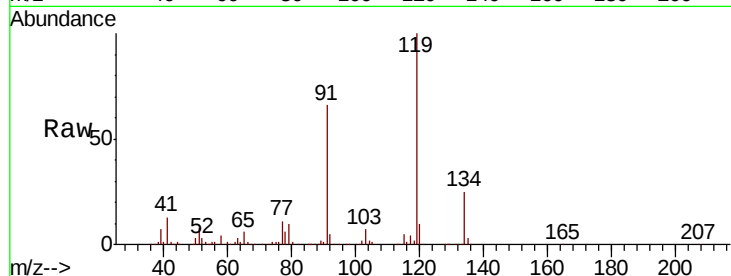
Tot Ion:119 Resp: 184924

Ion Ratio Lower Upper

119 100

91 65.0 32.9 98.7

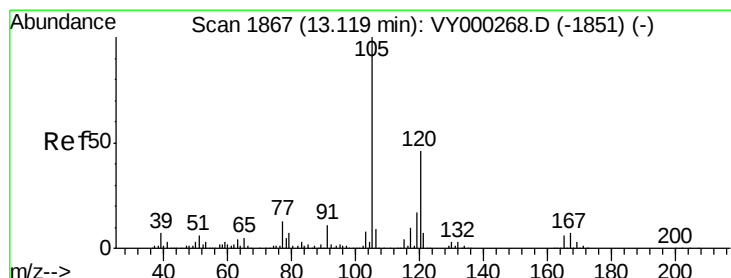
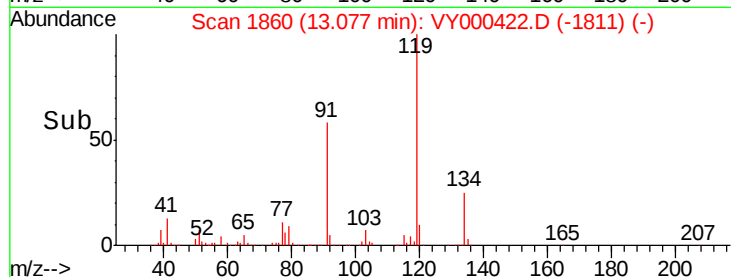
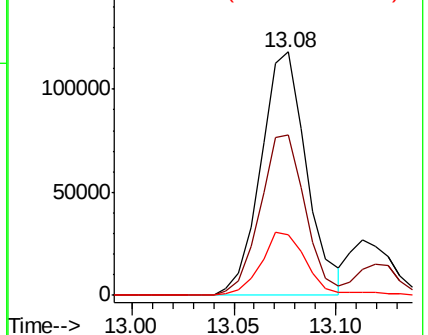
134 26.3 13.3 39.8



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: 21.937 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VY000422.D

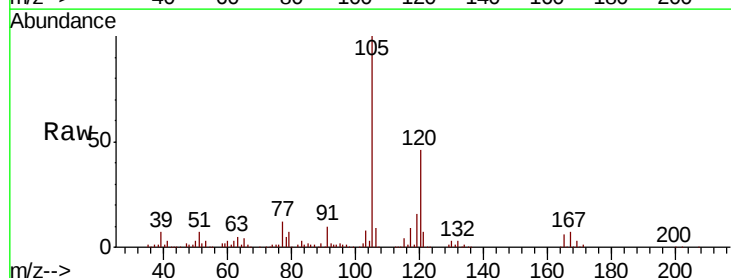
Acq: 25 Oct 2019 12:30

Tgt Ion:105 Resp: 212510

Ion Ratio Lower Upper

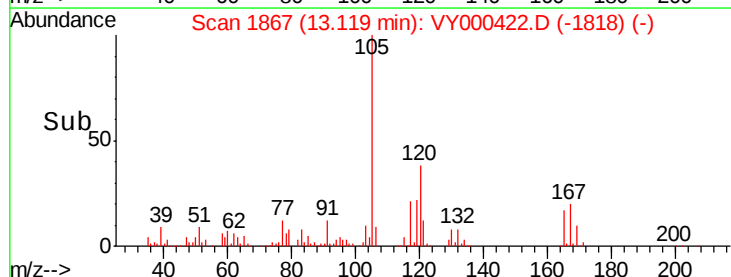
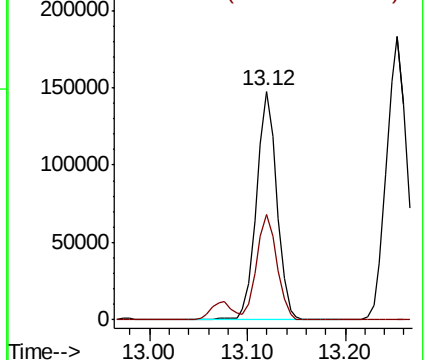
105 100

120 45.8 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

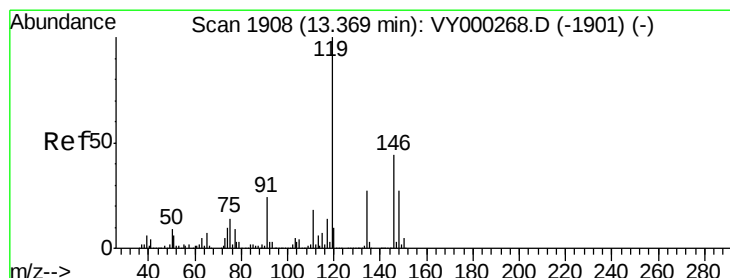
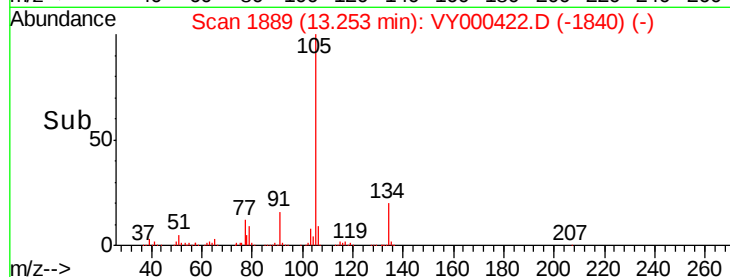
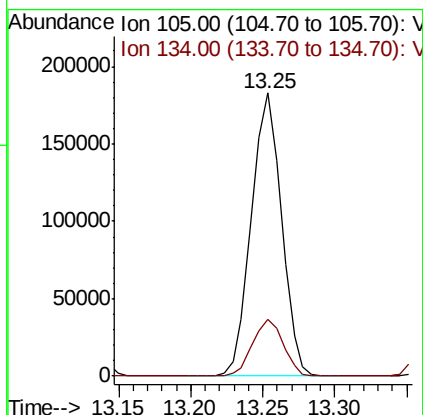
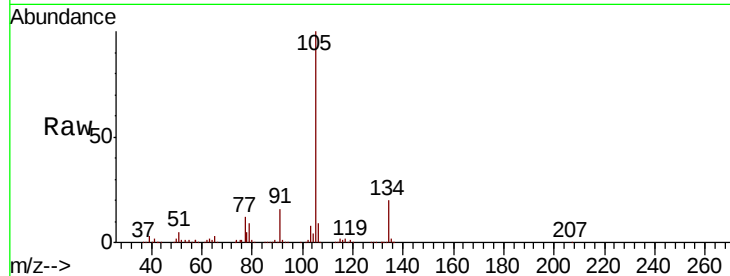




#85
 sec-Butylbenzene
 Concen: 22.041 ug/l
 RT: 13.25 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VY000422.D
 Acq: 25 Oct 2019 12:30

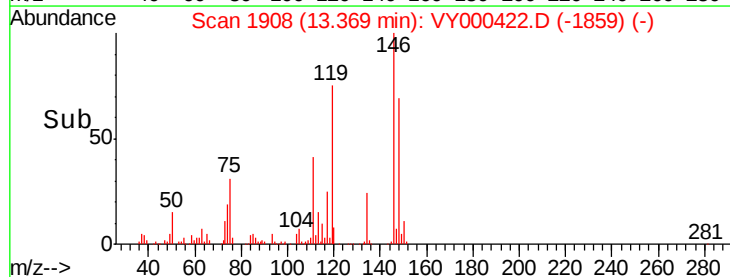
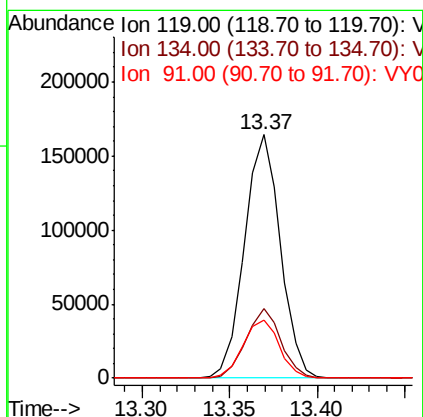
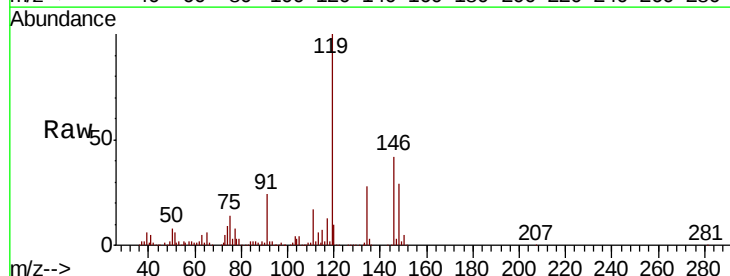
Instrument :
 MSVOA_Y
 ClientSampleId :

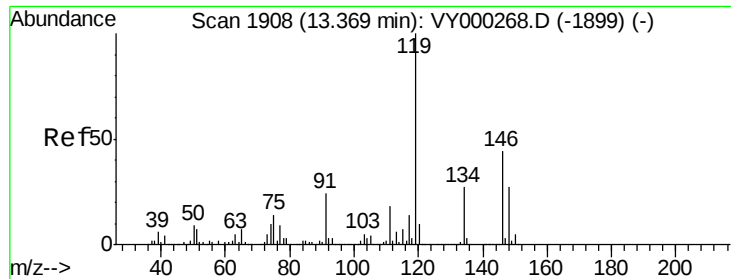
Tot Ion:105 Resp: 265030
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 22.393 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY000422.D
 Acq: 25 Oct 2019 12:30

Tgt Ion:119 Resp: 234752
 Ion Ratio Lower Upper
 119 100
 134 27.9 13.6 40.8
 91 24.3 12.0 36.1

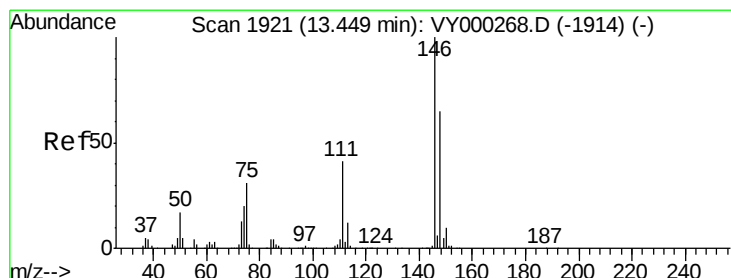
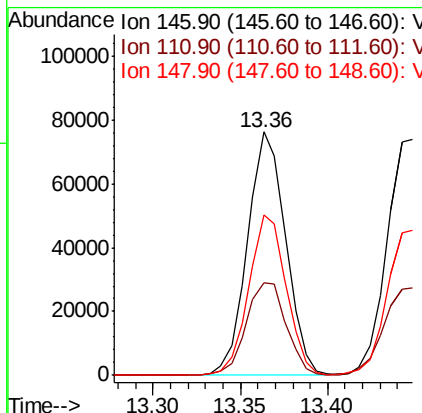
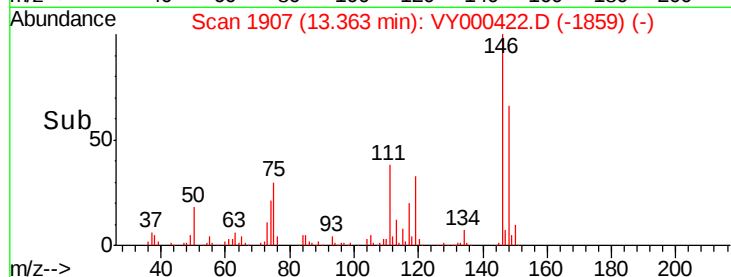
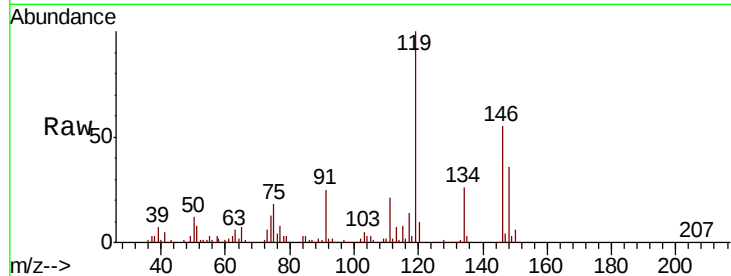




#87
 1,3-Dichlorobenzene
 Concen: 22.566 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY000422.D
 Acq: 25 Oct 2019 12:30

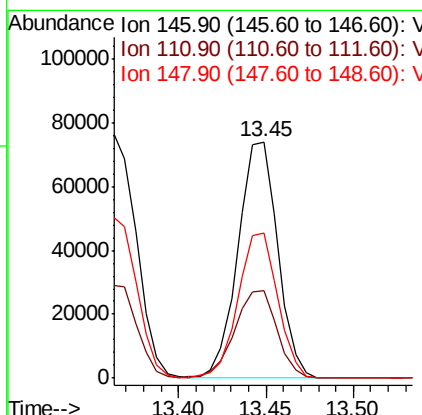
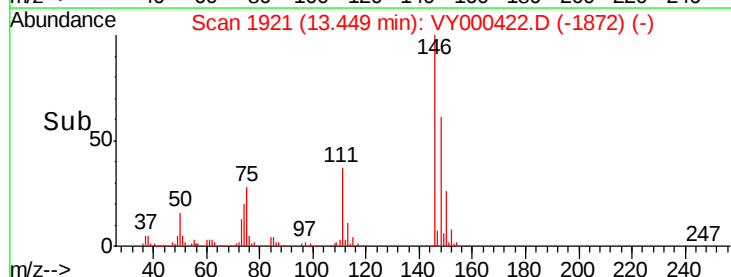
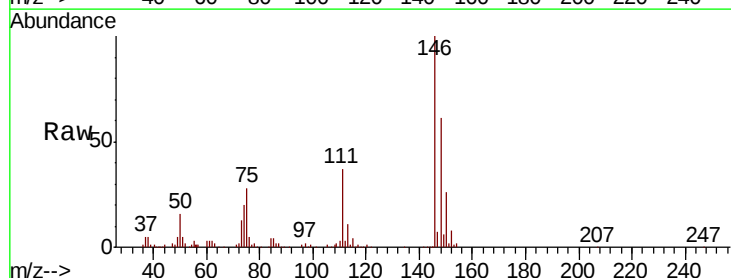
Instrument :
 MSVOA_Y
 ClientSampled :

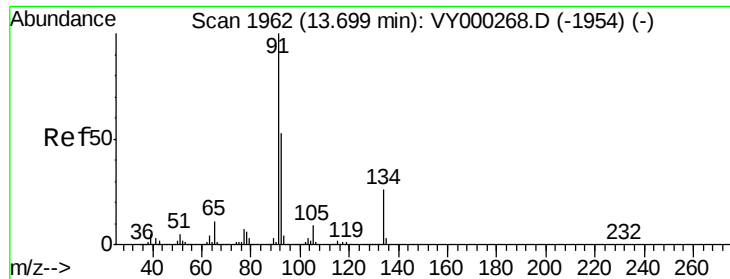
Tot Ion:146 Resp: 115810
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.6 61.8
 148 64.8 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 22.809 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: VY000422.D
 Acq: 25 Oct 2019 12:30

Tgt Ion:146 Resp: 117003
 Ion Ratio Lower Upper
 146 100
 111 39.5 20.1 60.2
 148 61.5 32.4 97.2

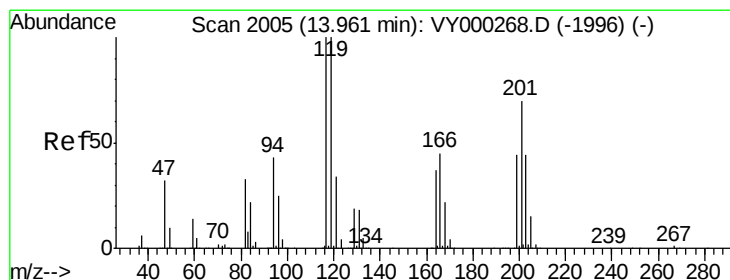
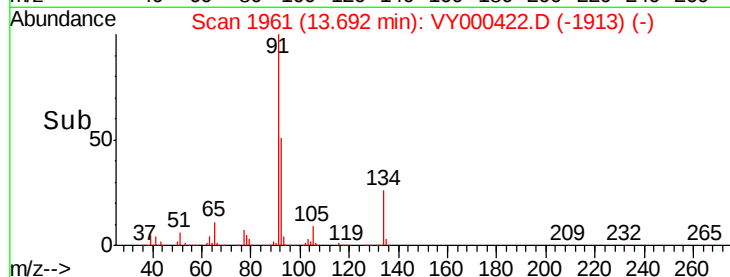
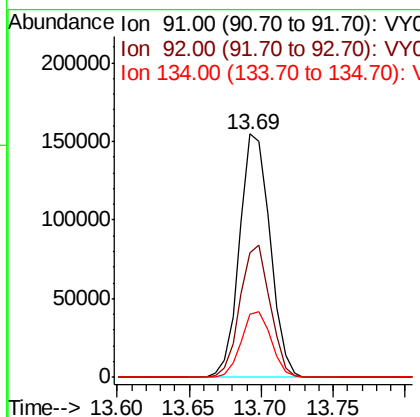
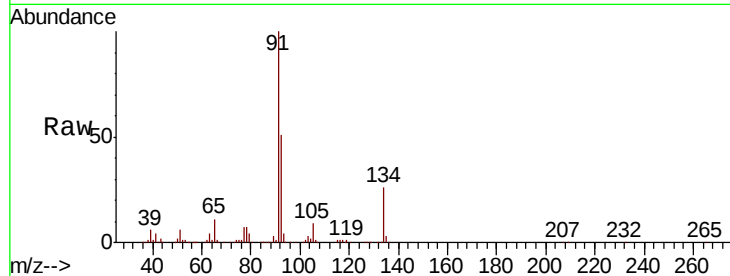




#89
n-Butylbenzene
Concen: 21.995 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.01 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

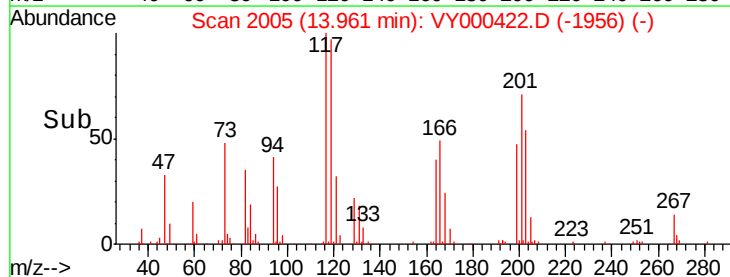
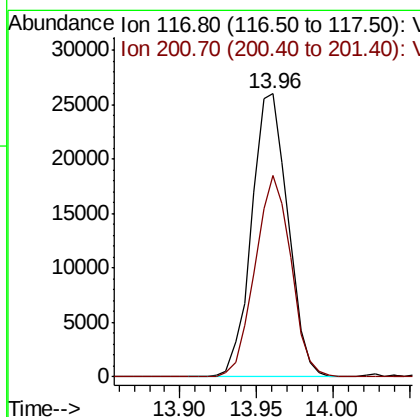
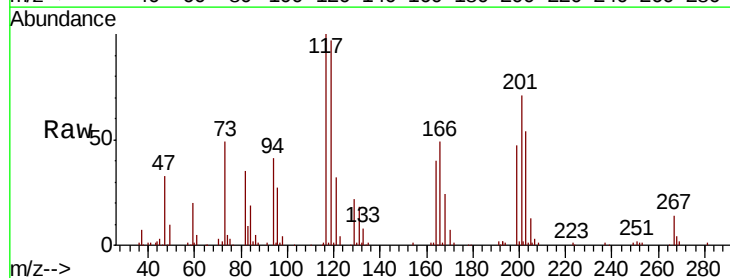
Instrument :
MSVOA_Y
ClientSampleId :

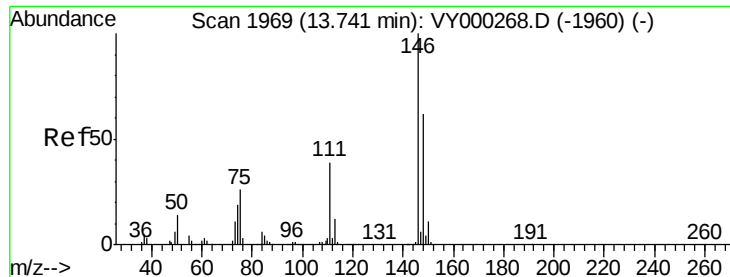
Tot Ion: 91 Resp: 227853
Ion Ratio Lower Upper
91 100
92 53.5 26.7 80.1
134 26.3 13.0 38.9



#90
Hexachloroethane
Concen: 22.096 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000422.D
Acq: 25 Oct 2019 12:30

Tgt Ion: 117 Resp: 42892
Ion Ratio Lower Upper
117 100
201 70.6 36.3 108.7

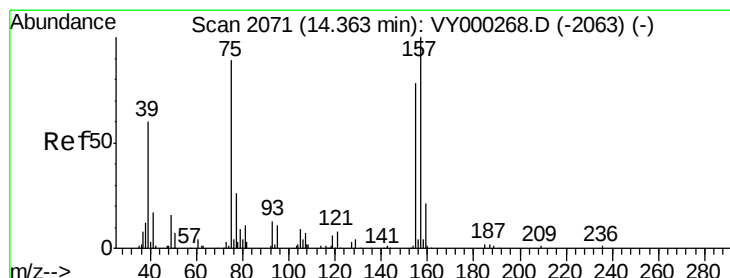
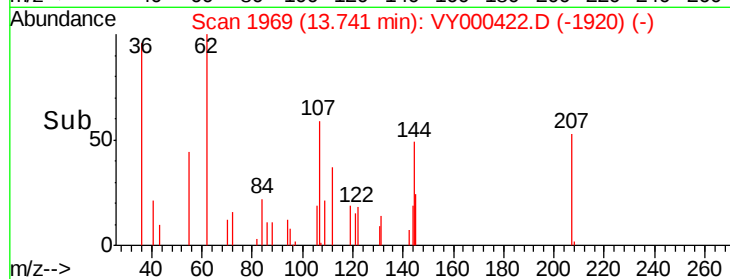
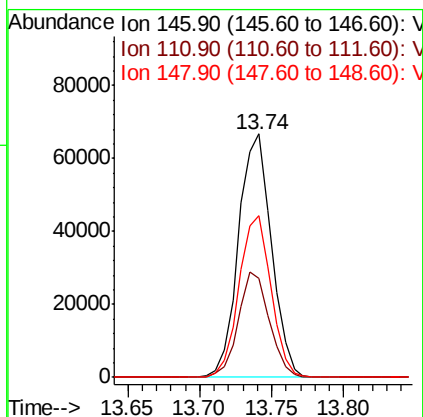
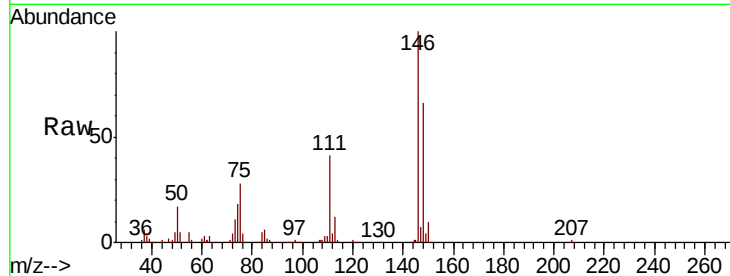




#91
 1,2-Dichlorobenzene
 Concen: 22.746 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY000422.D
 Acq: 25 Oct 2019 12:30

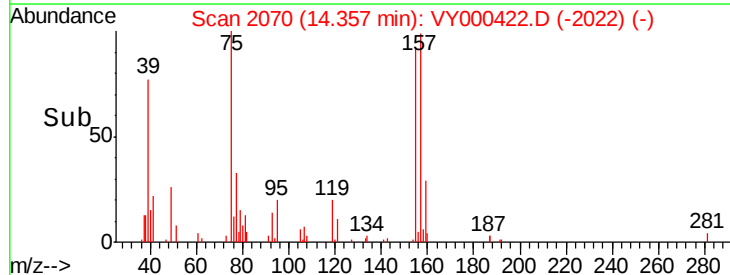
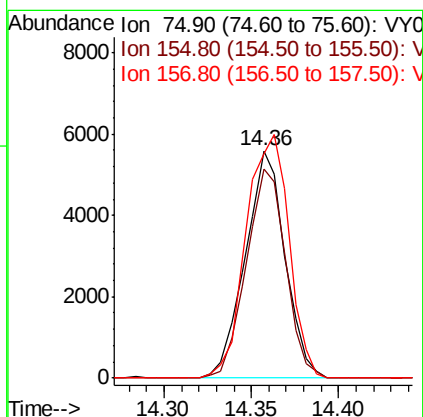
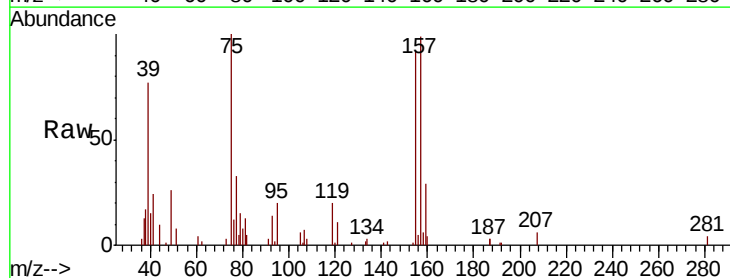
Instrument :
 MSVOA_Y
 ClientSampleId :

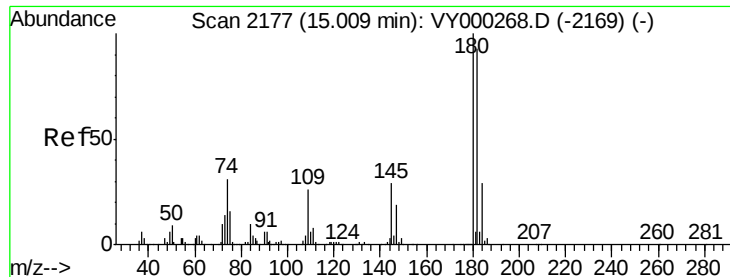
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.5	61.5
148	64.7	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.191 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: VY000422.D
 Acq: 25 Oct 2019 12:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.8	45.8	137.3
157	115.7	55.6	166.9

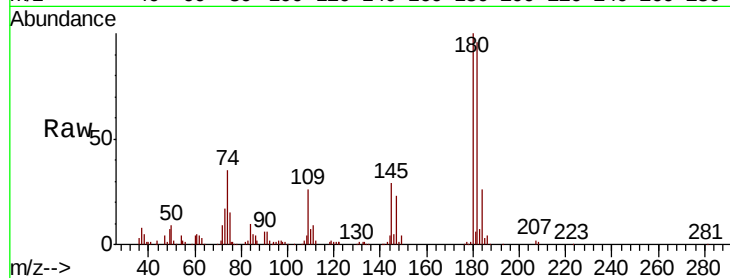




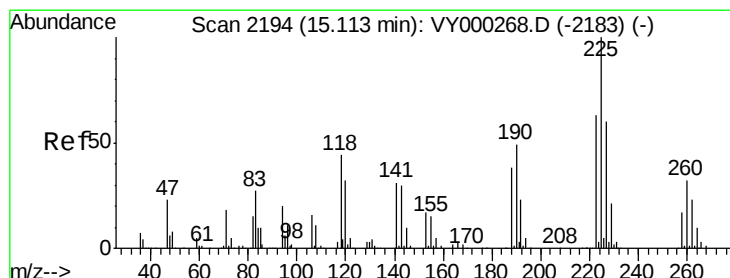
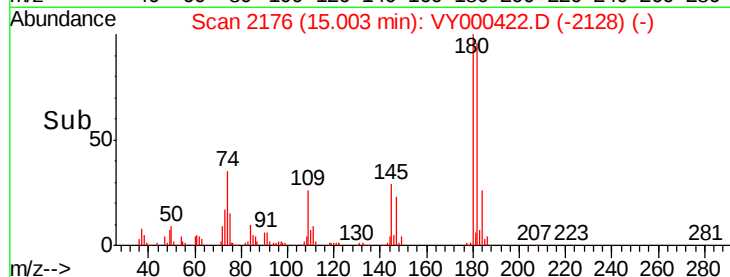
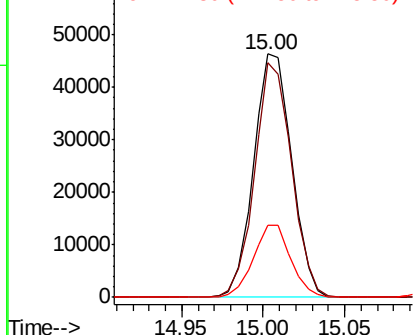
#93
 1,2,4-Trichlorobenzene
 Concen: 23.163 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY000422.D
 Acq: 25 Oct 2019 12:30

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:180 Resp: 74900
 Ion Ratio Lower Upper
 180 100
 182 93.7 47.5 142.6
 145 29.2 15.4 46.1

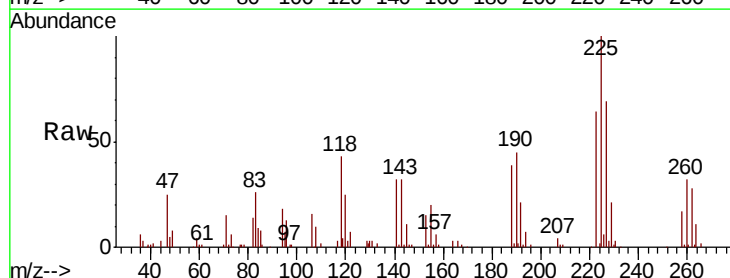


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

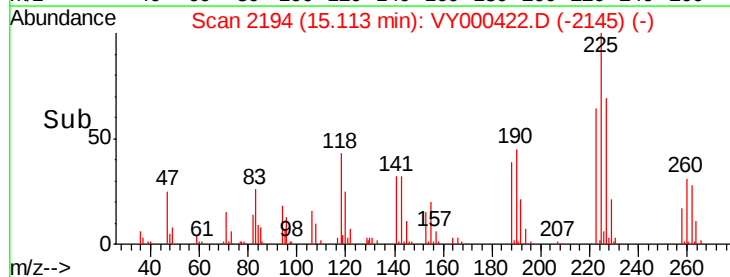
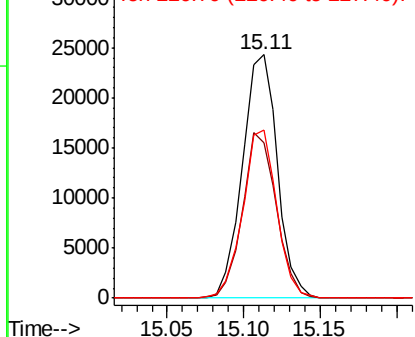


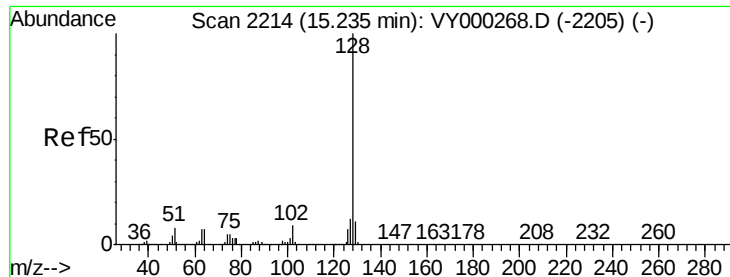
#94
 Hexachlorobutadiene
 Concen: 21.999 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY000422.D
 Acq: 25 Oct 2019 12:30

Tgt Ion:225 Resp: 38498
 Ion Ratio Lower Upper
 225 100
 223 65.7 31.9 95.7
 227 67.2 31.4 94.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 22.761 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

Instrument :

MSVOA_Y

ClientSampled :

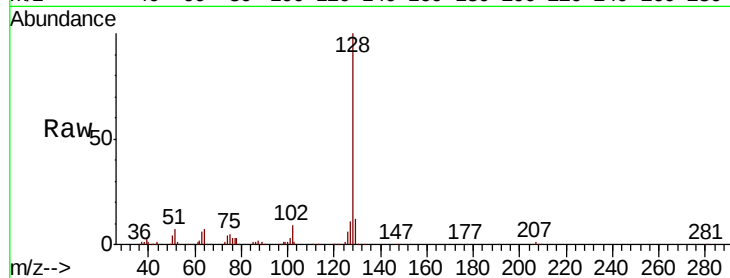
Tot Ion:128 Resp: 164248

Ion Ratio Lower Upper

128 100

127 12.5 9.6 14.4

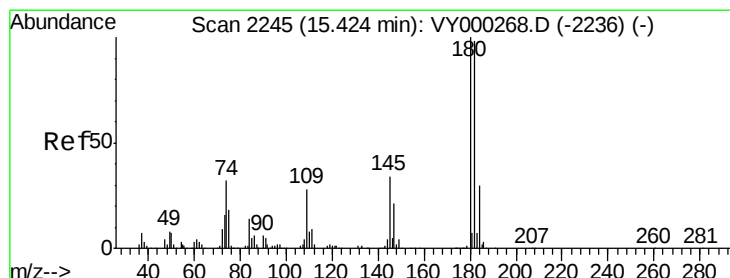
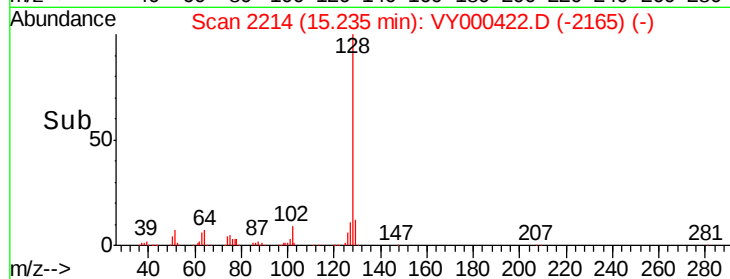
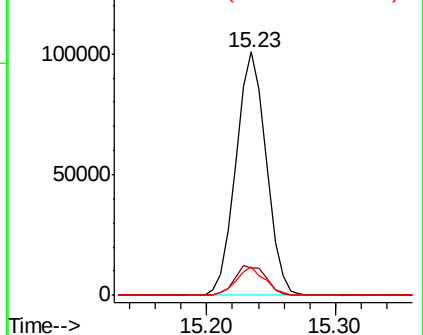
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 23.081 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VY000422.D

Acq: 25 Oct 2019 12:30

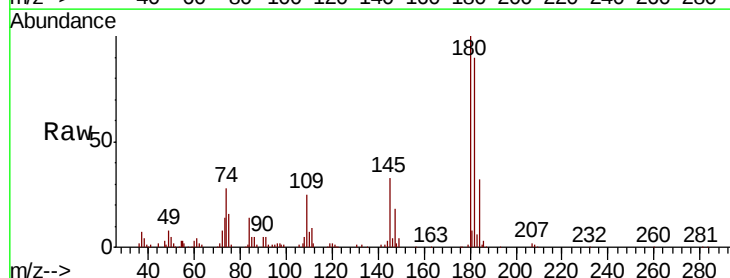
Tgt Ion:180 Resp: 67265

Ion Ratio Lower Upper

180 100

182 93.8 46.5 139.5

145 31.9 16.2 48.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

