

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101119\
 Data File : VY000273.D
 Acq On : 11 Oct 2019 16:16
 Operator : SY/MD
 Sample : VY1011SBS01
 Misc : 5.00G/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 14 07:35:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 07:29:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	274860	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	457888	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	396146	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	191092	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	152948	52.75	ug/l	0.00
Spiked Amount			Recovery	=	105.50%	
35) Dibromofluoromethane	7.73	113	135154	48.93	ug/l	0.00
Spiked Amount			Recovery	=	97.86%	
50) Toluene-d8	10.19	98	563282	53.02	ug/l	0.00
Spiked Amount			Recovery	=	106.04%	
62) 4-Bromofluorobenzene	12.48	95	193431	47.92	ug/l	0.00
Spiked Amount			Recovery	=	95.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	56609	23.789	ug/l	99
3) Chloromethane	2.12	50	68557	20.412	ug/l	95
4) Vinyl Chloride	2.25	62	74838	22.078	ug/l	98
5) Bromomethane	2.63	94	61201	26.341	ug/l	95
6) Chloroethane	2.79	64	46874	21.432	ug/l	100
7) Trichlorofluoromethane	3.12	101	100050	21.578	ug/l	94
8) Diethyl Ether	3.53	74	35224	21.504	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.90	101	60080	21.366	ug/l	99
10) Methyl Iodide	4.09	142	65610	17.178	ug/l	98
11) Tert butyl alcohol	4.97	59	32312	106.493	ug/l	99
12) 1,1-Dichloroethene	3.87	96	59280	21.354	ug/l	97
13) Acrolein	3.74	56	34145	95.987	ug/l	96
14) Allyl chloride	4.49	41	97275	21.145	ug/l	99
15) Acrylonitrile	5.18	53	95756	104.444	ug/l	96
16) Acetone	3.96	43	90382	96.261	ug/l	98
17) Carbon Disulfide	4.19	76	185248	21.195	ug/l	96
18) Methyl Acetate	4.49	43	48912	20.966	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	161749	20.931	ug/l	100
20) Methylene Chloride	4.72	84	70466	18.892	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	65289	20.499	ug/l	97
22) Diisopropyl ether	6.13	45	202001	20.761	ug/l	95
23) Vinyl Acetate	6.07	43	668481	105.312	ug/l	99
24) 1,1-Dichloroethane	6.03	63	112453	21.174	ug/l	96
25) 2-Butanone	7.00	43	135539	102.475	ug/l	100
26) 2,2-Dichloropropane	6.99	77	101552	20.751	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	74492	21.615	ug/l	96
28) Bromochloromethane	7.34	49	41232	18.085	ug/l	96
29) Tetrahydrofuran	7.36	42	82966	103.503	ug/l	98
30) Chloroform	7.52	83	113340	21.191	ug/l	95
31) Cyclohexane	7.80	56	114261	20.599	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	99216	20.866	ug/l	99
36) 1,1-Dichloropropene	7.93	75	92938	20.731	ug/l	97
37) Ethyl Acetate	7.08	43	56405	21.249	ug/l	98
38) Carbon Tetrachloride	7.91	117	88645	20.422	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	117807	20.078	ug/l	98
40) Benzene	8.17	78	264114	20.386	ug/l	99
41) Methacrylonitrile	7.36	41	75664	59.883	ug/l #	5
42) 1,2-Dichloroethane	8.25	62	77697	20.995	ug/l	97
43) Isopropyl Acetate	8.28	43	103504	20.507	ug/l	99
44) Trichloroethene	8.95	130	74289	20.437	ug/l	98
45) 1,2-Dichloropropane	9.22	63	64078	20.155	ug/l	93
46) Dibromomethane	9.31	93	36714	20.657	ug/l	96
47) Bromodichloromethane	9.50	83	86662	20.690	ug/l	94
48) Methyl methacrylate	9.30	41	47202	21.339	ug/l	99
49) 1,4-Dioxane	9.30	88	11714	439.579	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	271770	104.396	ug/l	99
52) Toluene	10.25	92	167801	20.401	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	90887	20.247	ug/l	95
54) cis-1,3-Dichloropropene	9.94	75	104853	20.569	ug/l	94
55) 1,1,2-Trichloroethane	10.65	97	52424	20.287	ug/l	98
56) Ethyl methacrylate	10.52	69	76231	20.696	ug/l	98
57) 1,3-Dichloropropane	10.80	76	93049	20.967	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	154261	105.000	ug/l	100
59) 2-Hexanone	10.84	43	193777	106.048	ug/l	97
60) Dibromochloromethane	10.99	129	58157	20.305	ug/l	100
61) 1,2-Dibromoethane	11.10	107	51200	20.635	ug/l	100
64) Tetrachloroethene	10.72	164	79206	21.002	ug/l	98
65) Chlorobenzene	11.52	112	172019	20.575	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	61029	20.780	ug/l	99
67) Ethyl Benzene	11.60	91	328800	21.215	ug/l	99
68) m/p-Xylenes	11.70	106	242928	41.002	ug/l	98
69) o-Xylene	12.03	106	116469	20.606	ug/l	100
70) Styrene	12.05	104	197328	20.701	ug/l	99
71) Bromoform	12.21	173	35504	21.030	ug/l #	100
73) Isopropylbenzene	12.33	105	319931	21.472	ug/l	100
74) N-amyl acetate	12.14	43	81379	22.247	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	57837	20.674	ug/l	98
76) 1,2,3-Trichloropropane	12.64	75	86427	36.781	ug/l #	100
77) Bromobenzene	12.61	156	71236	21.485	ug/l	96
78) n-propylbenzene	12.67	91	372844	20.841	ug/l	99
79) 2-Chlorotoluene	12.76	91	207248	20.977	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	266418	21.323	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	22756	21.189	ug/l	97
82) 4-Chlorotoluene	12.86	91	223400	21.391	ug/l	99
83) tert-Butylbenzene	13.08	119	221917	20.974	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	263032	21.331	ug/l	99
85) sec-Butylbenzene	13.25	105	319515	20.875	ug/l	100
86) p-Isopropyltoluene	13.37	119	283103	21.216	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	136329	20.869	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	137371	21.038	ug/l	98
89) n-Butylbenzene	13.70	91	277203	21.021	ug/l	99
90) Hexachloroethane	13.96	117	52685	21.322	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	128220	21.688	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	11382	21.452	ug/l	94

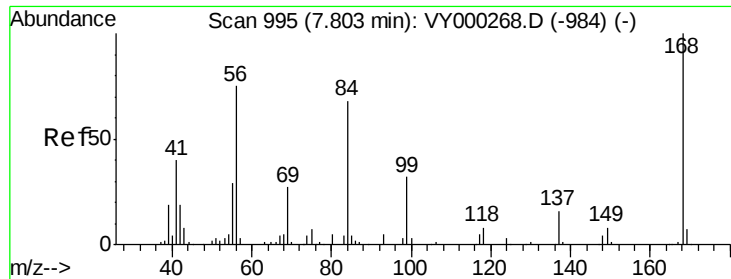
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QLast Update : Mon Oct 14 07:29:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	90961	22.099	ug/l	96
94) Hexachlorobutadiene	15.11	225	47744	21.434	ug/l	97
95) Naphthalene	15.23	128	195588	21.293	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	79846	21.524	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: VY000273.D

Acq: 11 Oct 2019 16:16

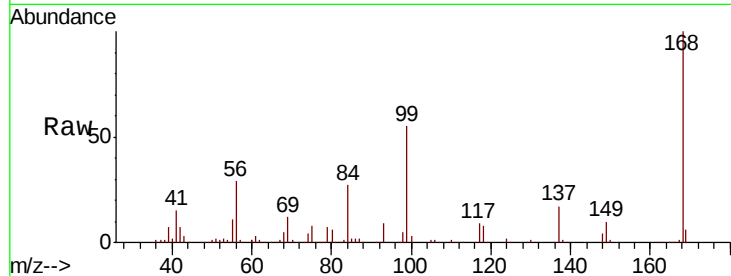
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 274860

Ion Ratio Lower Upper

168 100

99 54.9 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000268.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000268.D (-984) (-)

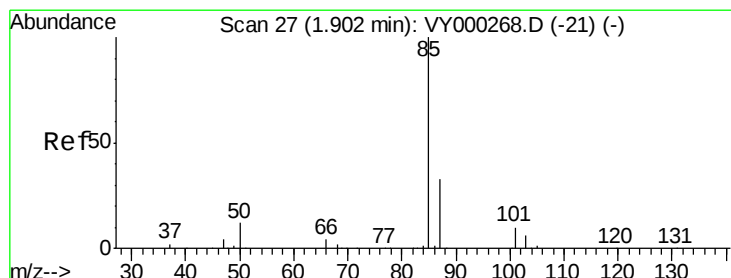
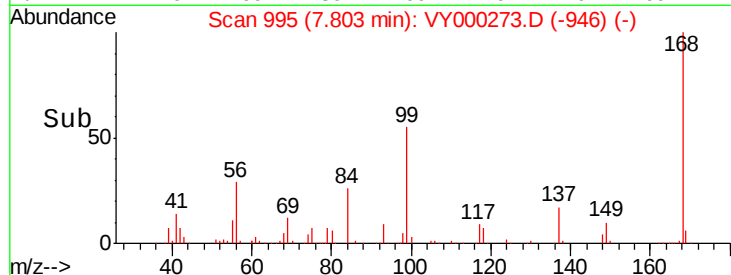
7.80

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 23.789 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000273.D

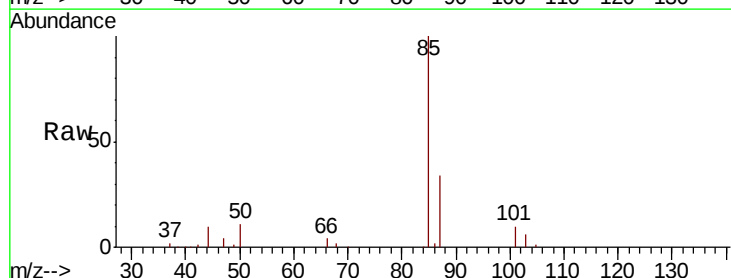
Acq: 11 Oct 2019 16:16

Tgt Ion: 85 Resp: 56609

Ion Ratio Lower Upper

85 100

87 33.9 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VY000268.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY000268.D (-21) (-)

1.90

40000

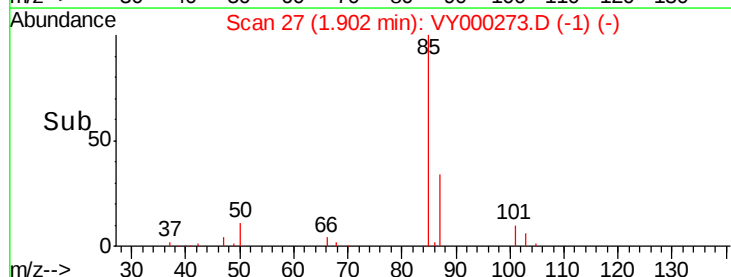
30000

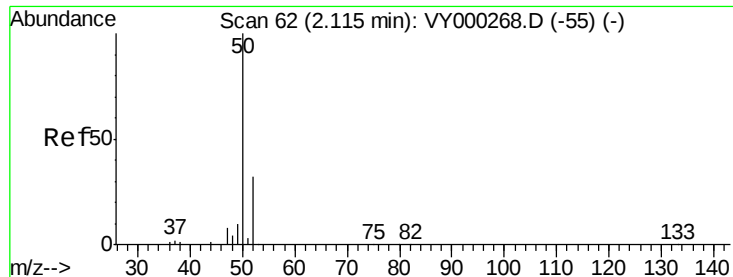
20000

10000

0

Time-->





#3

Chloromethane

Concen: 20.412 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000273.D

Acq: 11 Oct 2019 16:16

Instrument :

MSVOA_Y

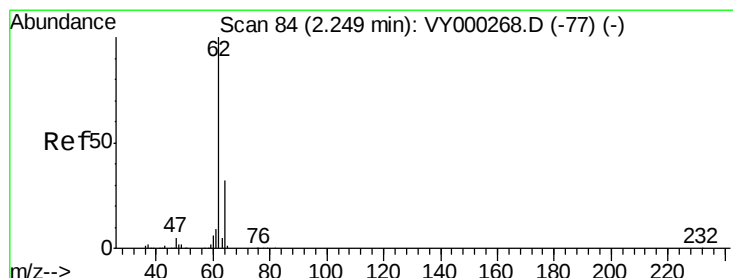
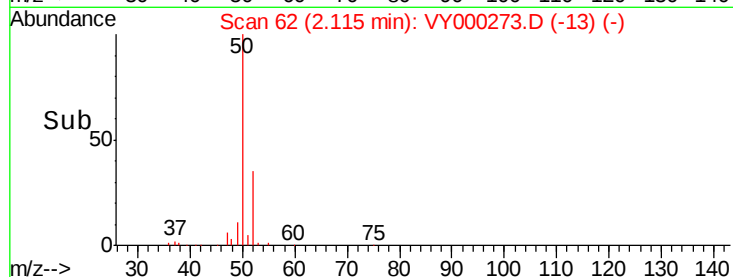
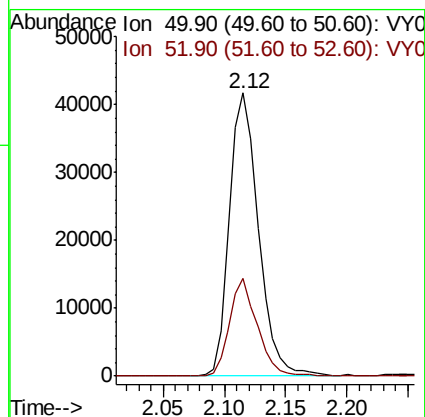
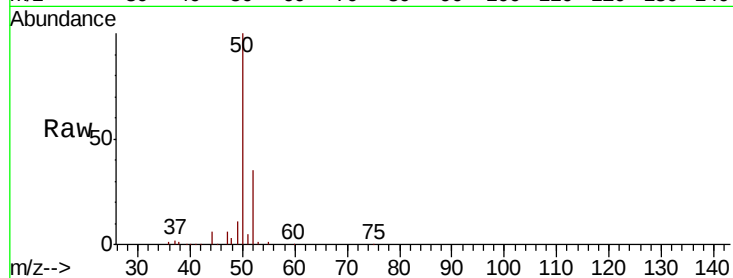
ClientSampleId :

Tot Ion: 50 Resp: 68557

Ion Ratio Lower Upper

50 100

52 34.5 25.3 37.9



#4

Vinyl Chloride

Concen: 22.078 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000273.D

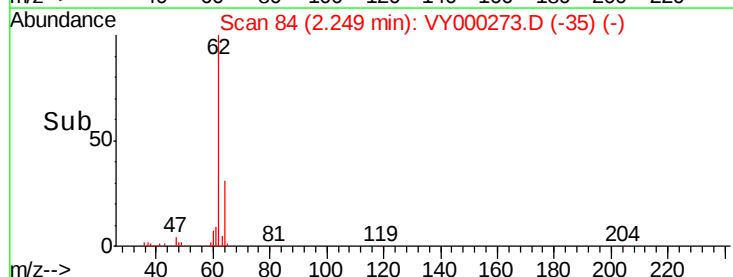
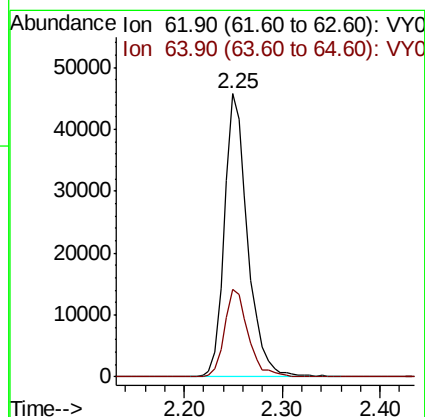
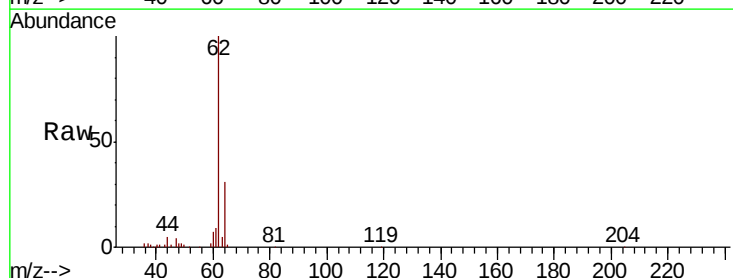
Acq: 11 Oct 2019 16:16

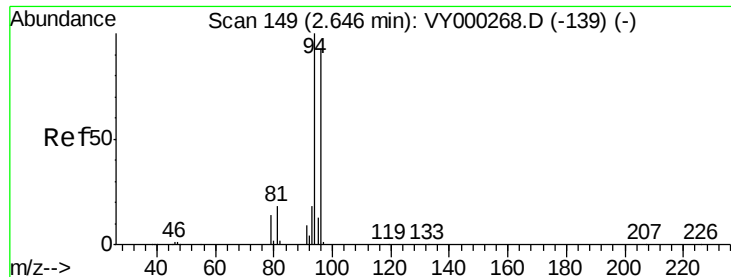
Tgt Ion: 62 Resp: 74838

Ion Ratio Lower Upper

62 100

64 31.0 25.6 38.4





#5

Bromomethane

Concen: 26.341 ug/l

RT: 2.63 min Scan# 147

Delta R.T. -0.01 min

Lab File: VY000273.D

Acq: 11 Oct 2019 16:16

Instrument :

MSVOA_Y

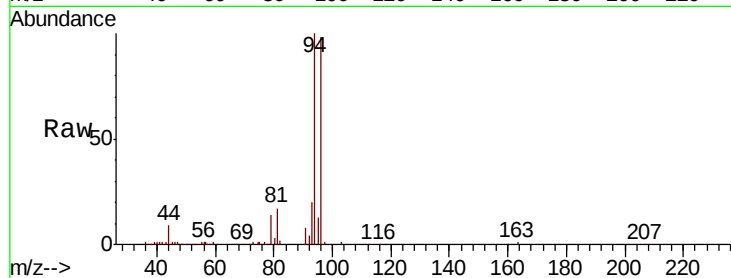
ClientSampled :

Tot Ion: 94 Resp: 61201

Ion Ratio Lower Upper

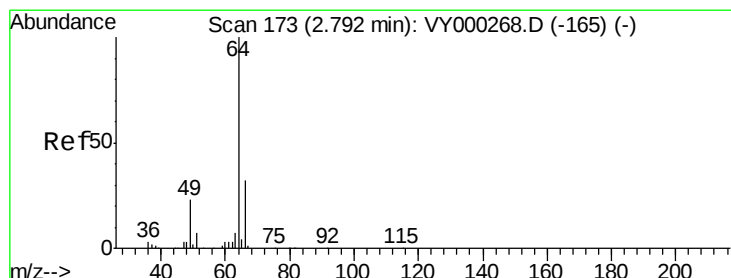
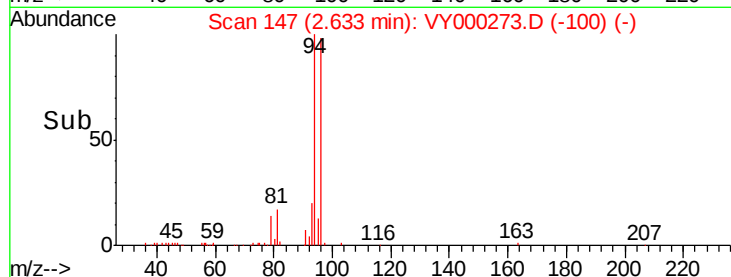
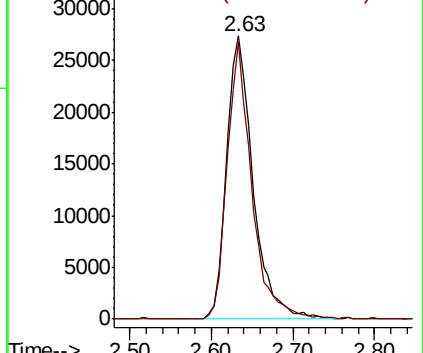
94 100

96 98.0 74.2 111.2



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 21.432 ug/l

RT: 2.79 min Scan# 172

Delta R.T. -0.01 min

Lab File: VY000273.D

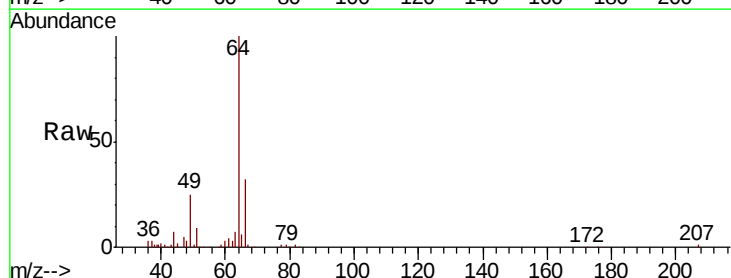
Acq: 11 Oct 2019 16:16

Tgt Ion: 64 Resp: 46874

Ion Ratio Lower Upper

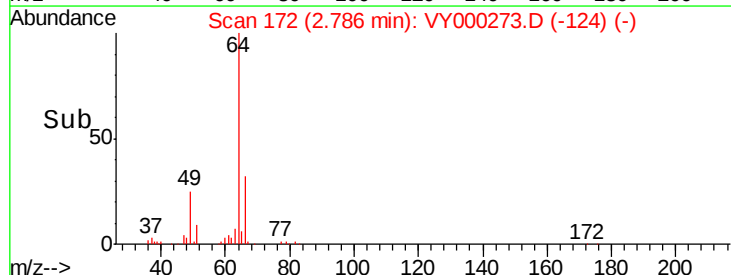
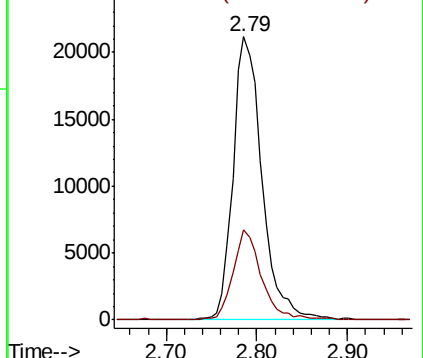
64 100

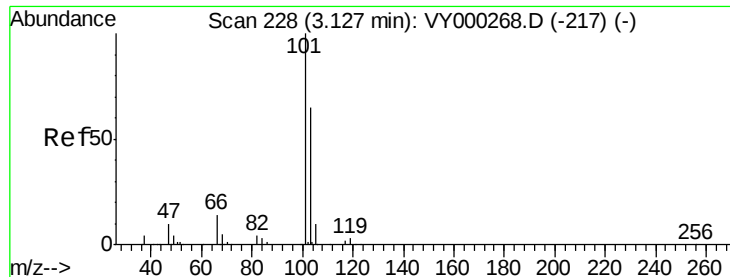
66 31.9 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



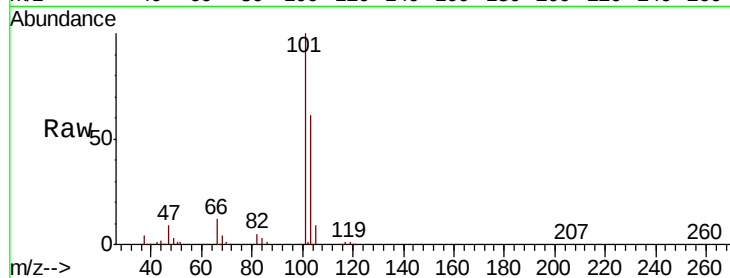


#7

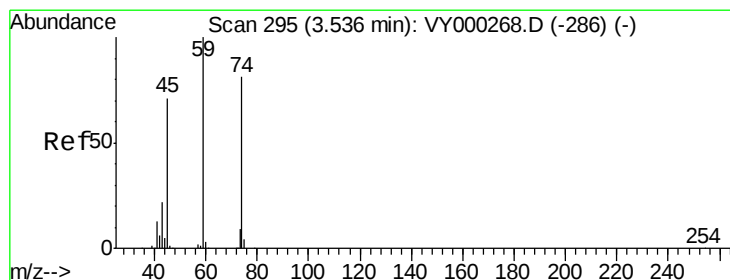
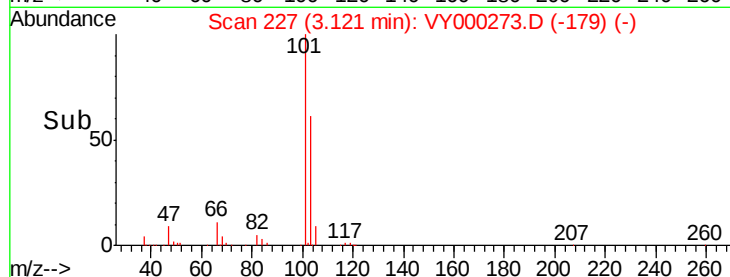
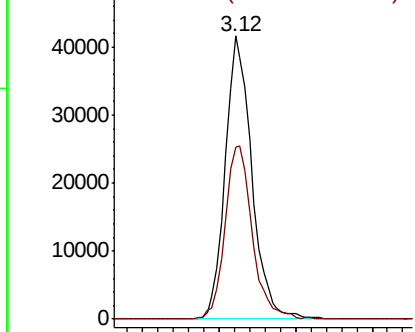
Trichlorofluoromethane
Concen: 21.578 ug/l
RT: 3.12 min Scan# 227
Delta R.T. -0.01 min
Lab File: VY000273.D
Acq: 11 Oct 2019 16:16

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:101 Resp: 100050
Ion Ratio Lower Upper
101 100
103 60.7 52.2 78.4



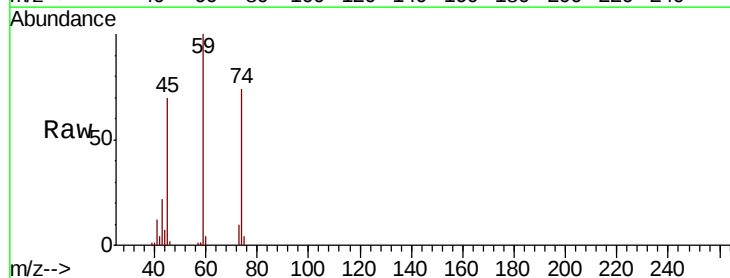
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



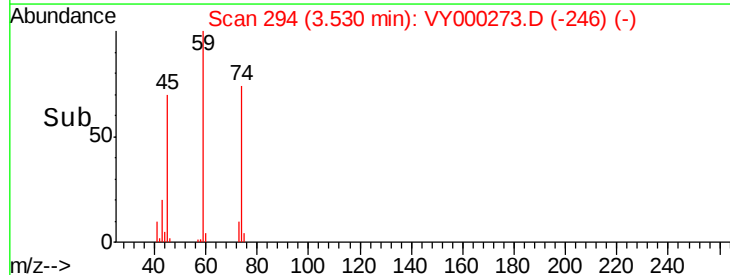
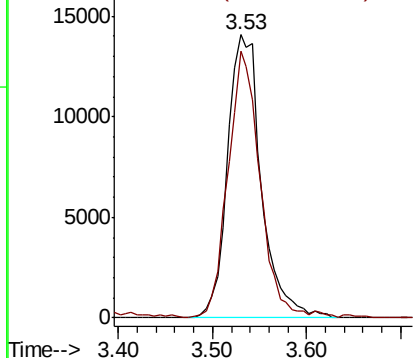
#8

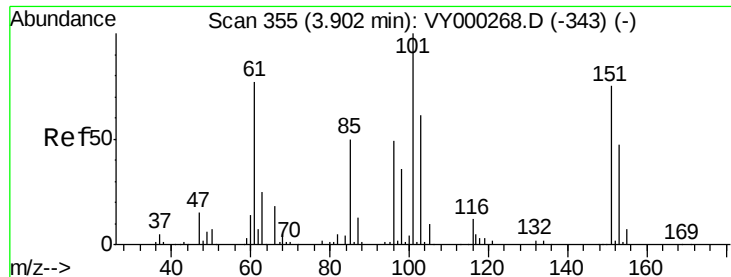
Diethyl Ether
Concen: 21.504 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY000273.D
Acq: 11 Oct 2019 16:16

Tgt Ion: 74 Resp: 35224
Ion Ratio Lower Upper
74 100
45 88.4 47.1 141.4



Abundance Ion 74.00 (73.70 to 74.70): VY0
Ion 45.00 (44.70 to 45.70): VY0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.366 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.00 min

Lab File: VY000273.D

Acq: 11 Oct 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

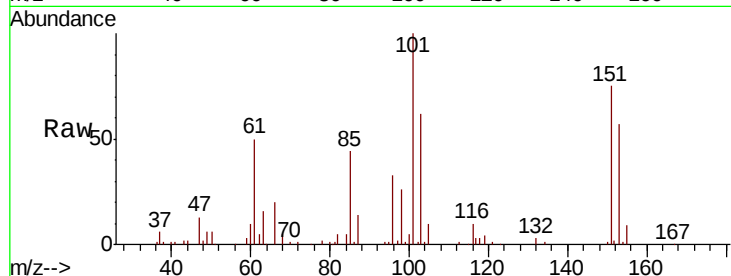
Tot Ion:101 Resp: 60080

Ion Ratio Lower Upper

101 100

85 44.8 36.6 55.0

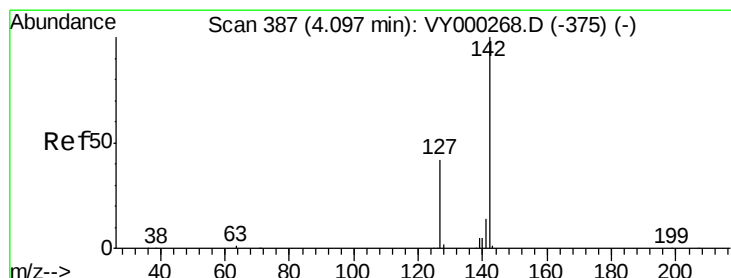
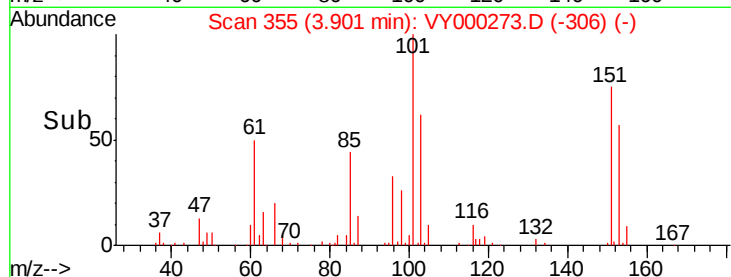
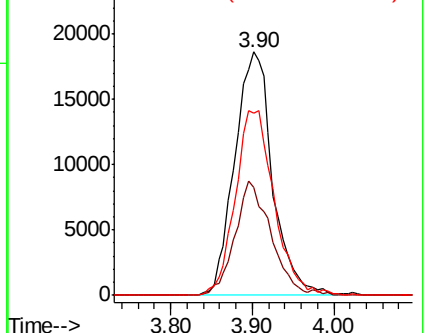
151 77.7 63.1 94.7



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: 17.178 ug/l

RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

Lab File: VY000273.D

Acq: 11 Oct 2019 16:16

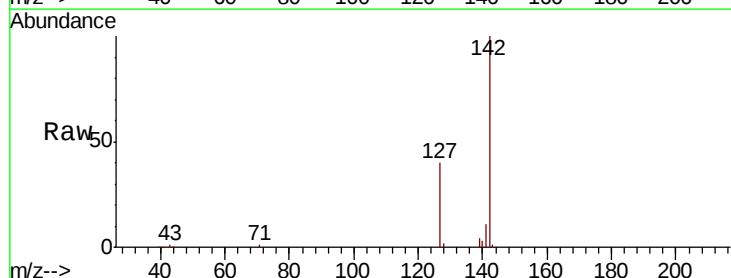
Tgt Ion:142 Resp: 65610

Ion Ratio Lower Upper

142 100

127 41.0 33.9 50.9

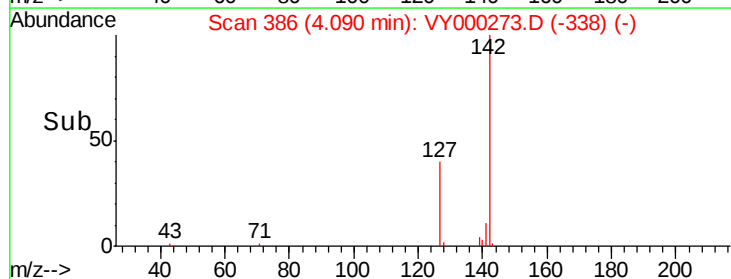
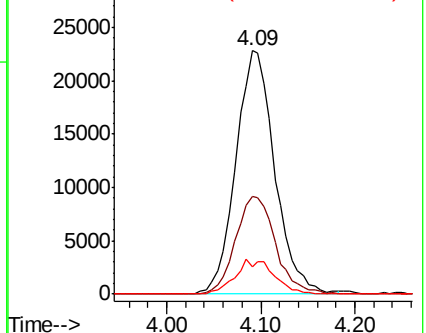
141 14.1 11.2 16.8

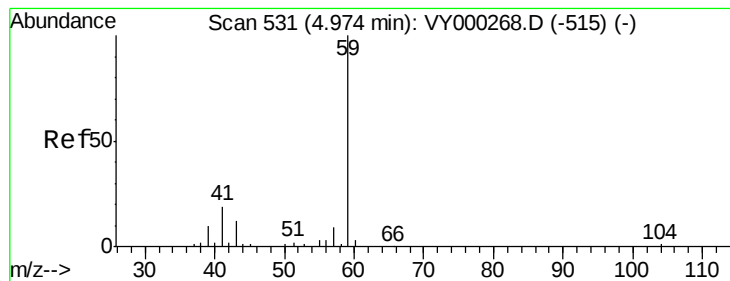


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



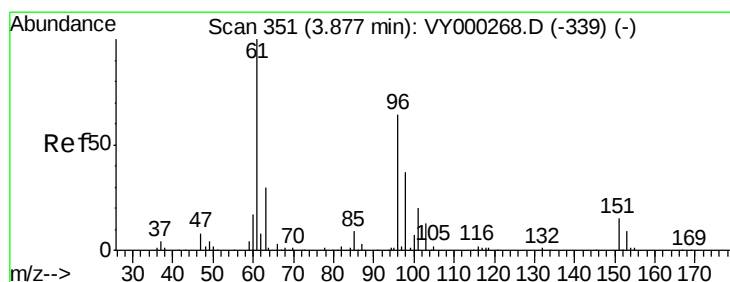
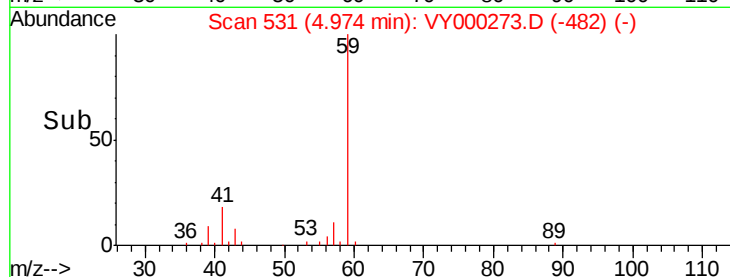
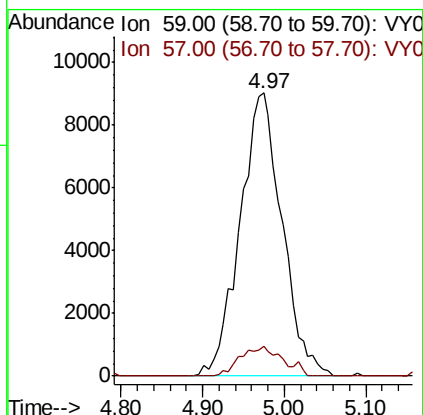
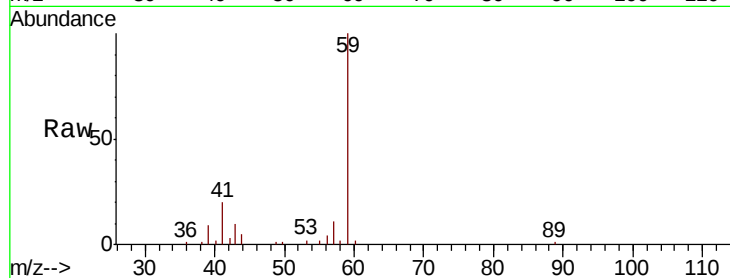


#11

Tert butyl alcohol
 Concen: 106.493 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: VY000273.D
 Acq: 11 Oct 2019 16:16

Instrument :
 MSVOA_Y
 ClientSampled :

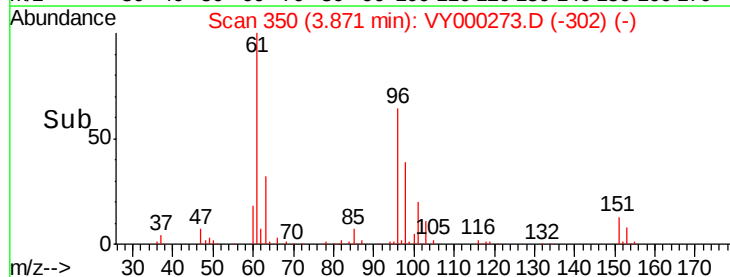
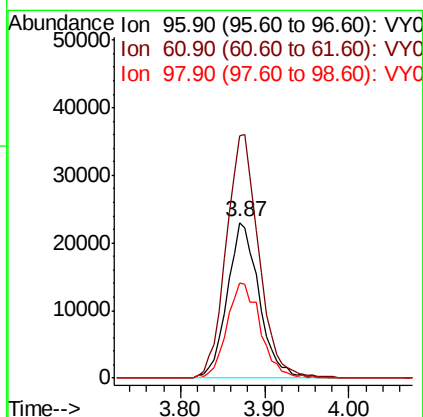
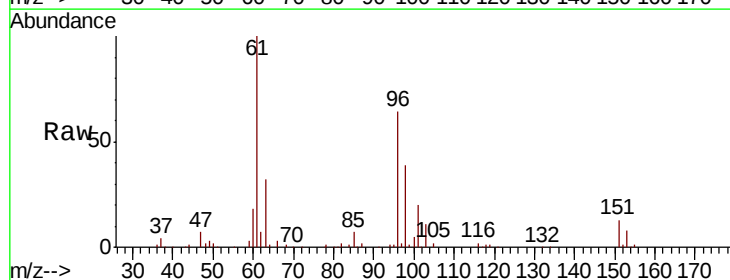
Tot Ion: 59 Resp: 32312
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.2 12.2

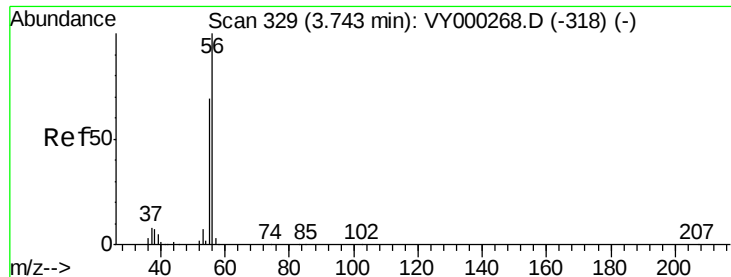


#12

1,1-Dichloroethene
 Concen: 21.354 ug/l
 RT: 3.87 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VY000273.D
 Acq: 11 Oct 2019 16:16

Tgt Ion: 96 Resp: 59280
 Ion Ratio Lower Upper
 96 100
 61 155.0 125.8 188.6
 98 61.3 46.2 69.2





#13

Acrolein

Concen: 95.987 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.01 min

Lab File: VY000273.D

Acq: 11 Oct 2019 16:16

Instrument :

MSVOA_Y

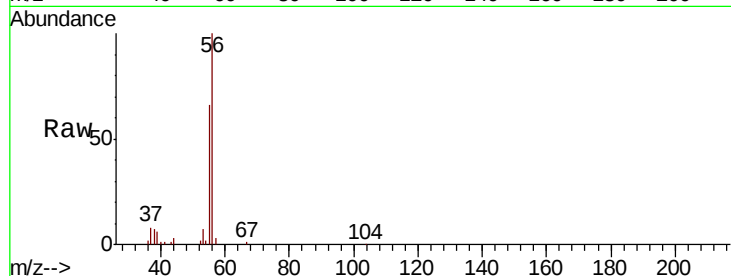
ClientSampleId :

Tot Ion: 56 Resp: 34145

Ion Ratio Lower Upper

56 100

55 72.7 55.7 83.5



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

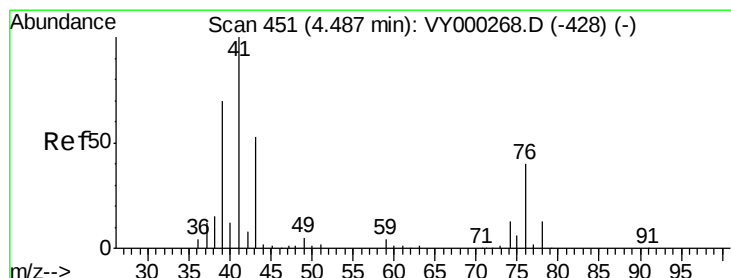
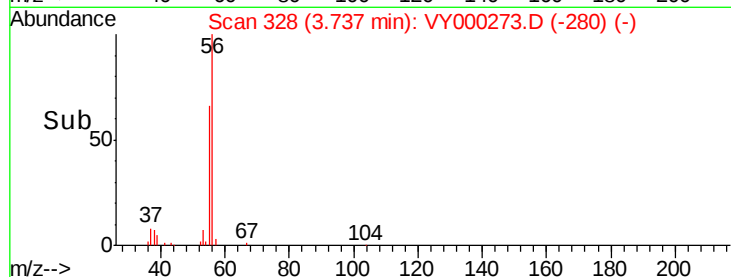
15000

10000

5000

0

Time-->



#14

Allyl chloride

Concen: 21.145 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000273.D

Acq: 11 Oct 2019 16:16

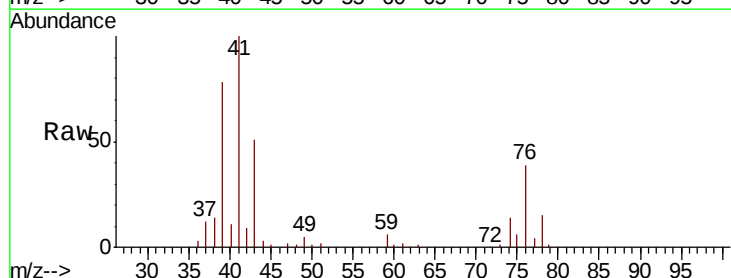
Tgt Ion: 41 Resp: 97275

Ion Ratio Lower Upper

41 100

39 67.9 54.0 81.0

76 37.6 30.7 46.1



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

40000

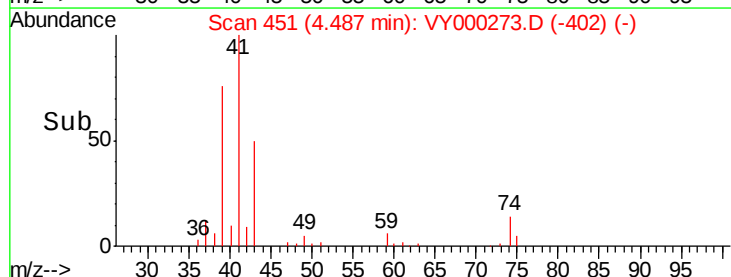
30000

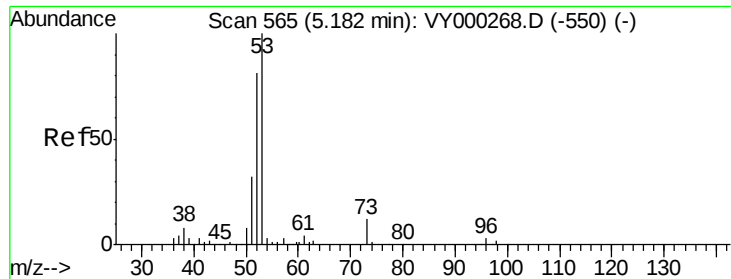
20000

10000

0

Time-->





#15

Acrylonitrile

Concen: 104.444 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000273.D

Acq: 11 Oct 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

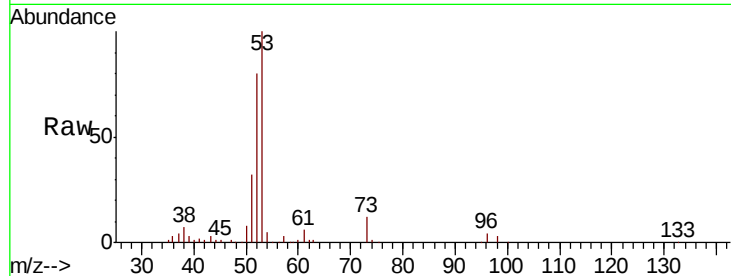
Tot Ion: 53 Resp: 95756

Ion Ratio Lower Upper

53 100

52 82.1 62.9 94.3

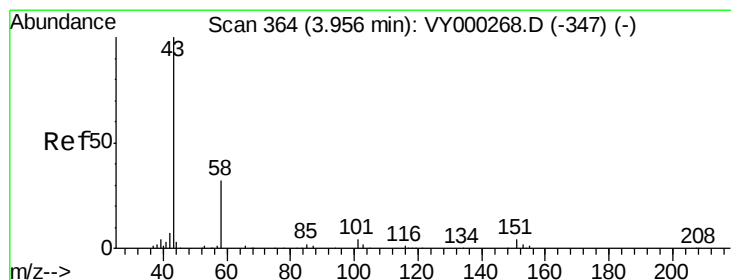
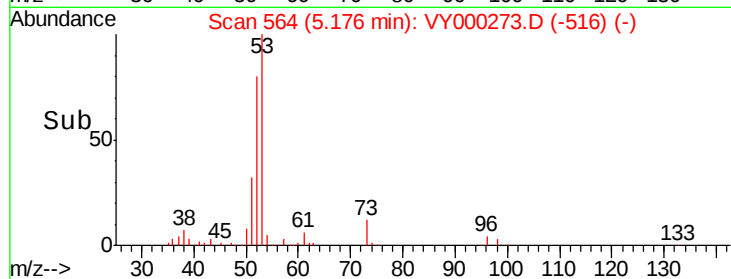
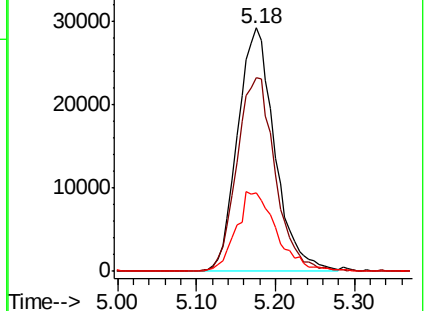
51 35.6 26.9 40.3



Abundance Ion 53.00 (52.70 to 53.70): VY000268.D (-550) (-)

Ion 52.00 (51.70 to 52.70): VY000268.D (-550) (-)

Ion 51.00 (50.70 to 51.70): VY000268.D (-550) (-)



#16

Acetone

Concen: 96.261 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000273.D

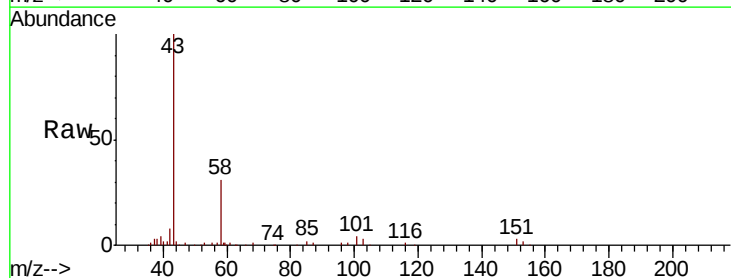
Acq: 11 Oct 2019 16:16

Tgt Ion: 43 Resp: 90382

Ion Ratio Lower Upper

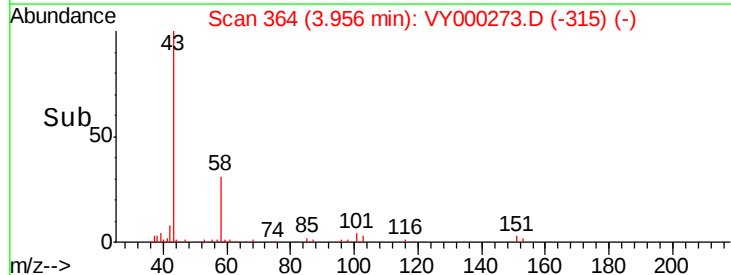
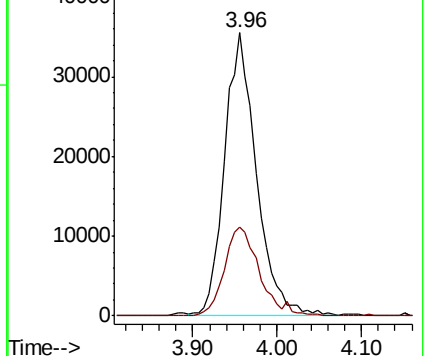
43 100

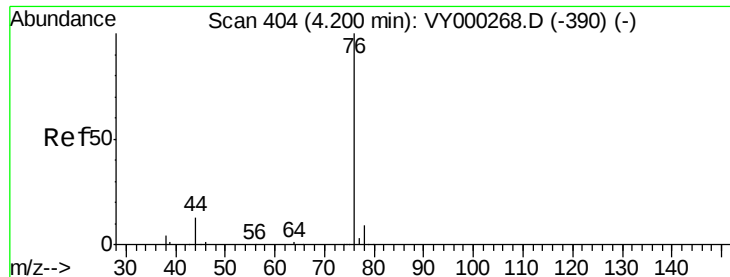
58 31.2 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY000268.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY000268.D (-347) (-)

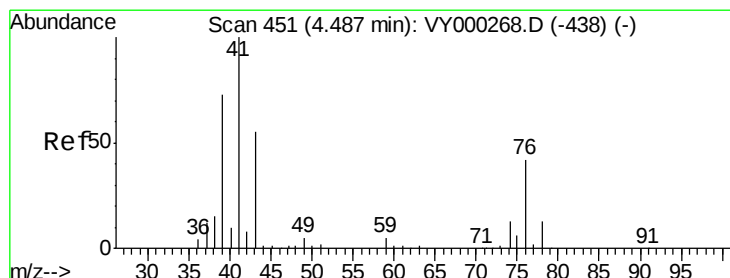
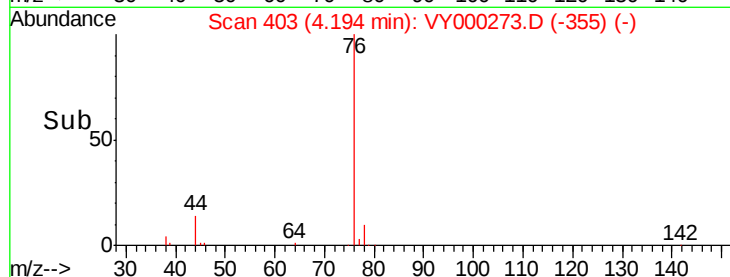
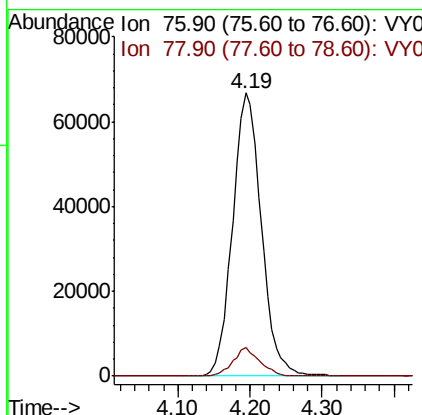
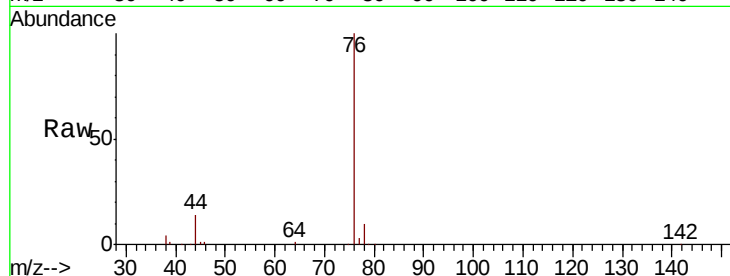




#17
Carbon Disulfide
Concen: 21.195 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000273.D
Acq: 11 Oct 2019 16:16

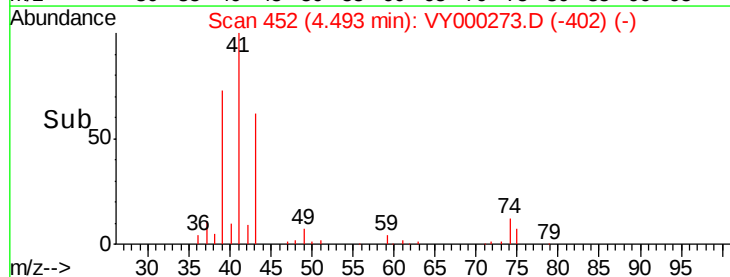
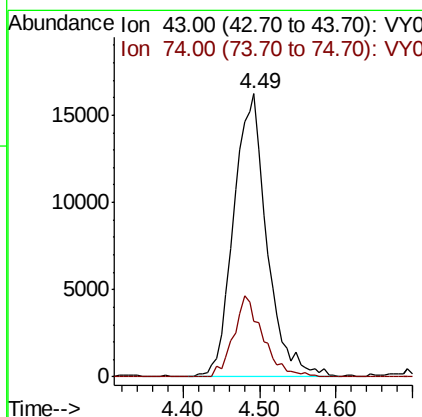
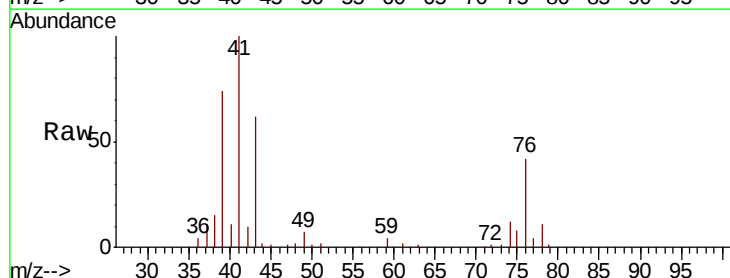
Instrument :
MSVOA_Y
ClientSampleId :

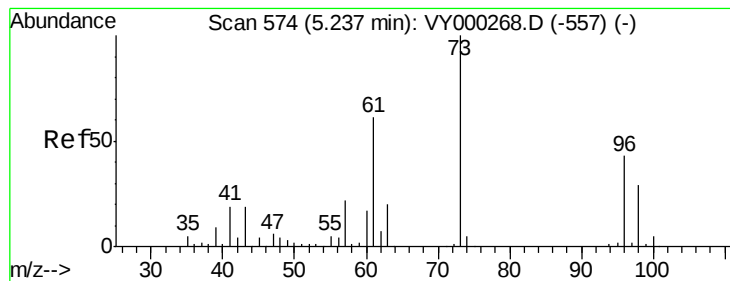
Tot Ion: 76 Resp: 185248
Ion Ratio Lower Upper
76 100
78 10.2 7.0 10.4



#18
Methyl Acetate
Concen: 20.966 ug/l
RT: 4.49 min Scan# 452
Delta R.T. 0.01 min
Lab File: VY000273.D
Acq: 11 Oct 2019 16:16

Tgt Ion: 43 Resp: 48912
Ion Ratio Lower Upper
43 100
74 25.2 20.4 30.6



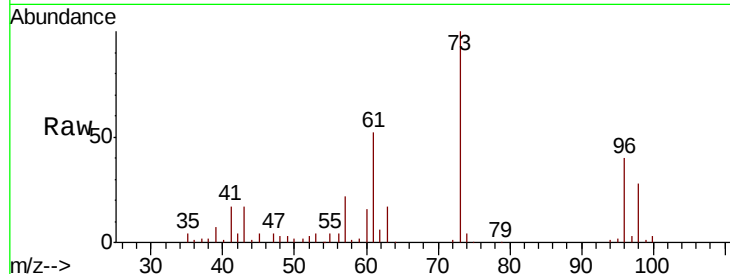


#19

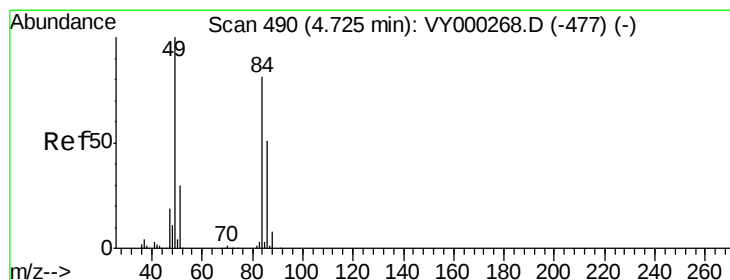
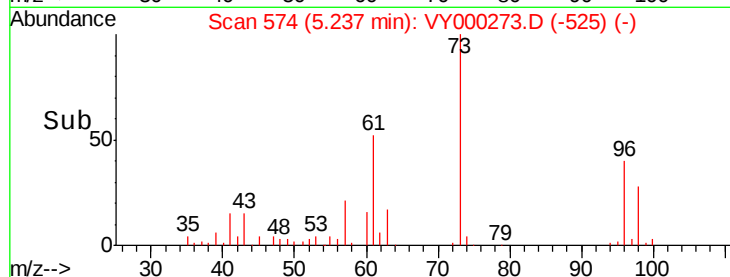
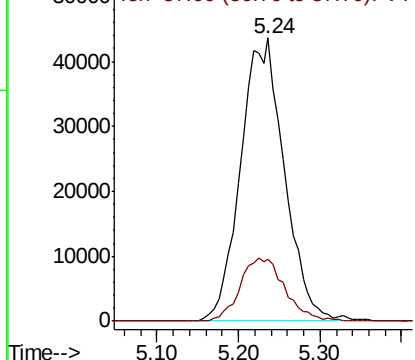
Methyl tert-butyl Ether
 Concen: 20.931 ug/l
 RT: 5.24 min Scan# 574
 Delta R.T. -0.00 min
 Lab File: VY000273.D
 Acq: 11 Oct 2019 16:16

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 73 Resp: 161749
 Ion Ratio Lower Upper
 73 100
 57 21.9 17.4 26.0



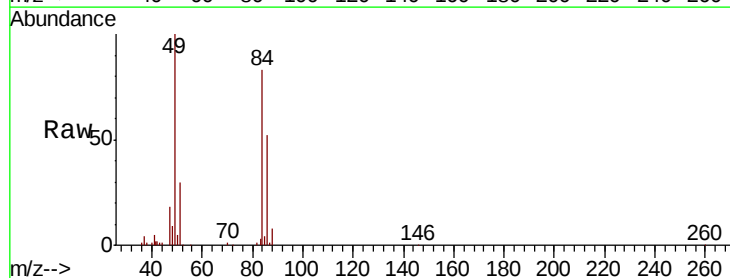
Abundance Ion 73.00 (72.70 to 73.70): VY0
 Ion 57.00 (56.70 to 57.70): VY0



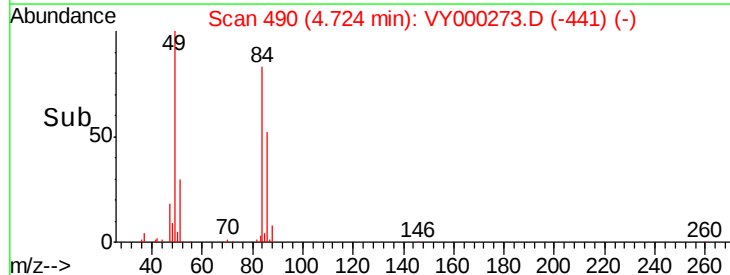
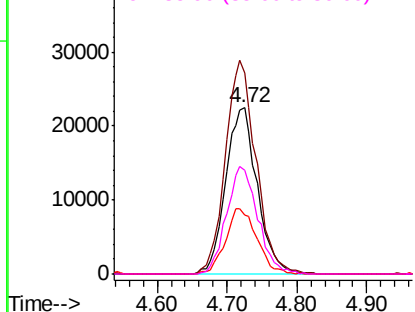
#20

Methylene Chloride
 Concen: 18.892 ug/l
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY000273.D
 Acq: 11 Oct 2019 16:16

Tgt Ion: 84 Resp: 70466
 Ion Ratio Lower Upper
 84 100
 49 121.2 99.0 148.4
 51 35.9 29.3 43.9
 86 62.6 50.2 75.4



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





#21

trans-1,2-Dichloroethene

Concen: 20.499 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY000273.D

Acq: 11 Oct 2019 16:16

Instrument :
MSVOA_Y
ClientSampleId :

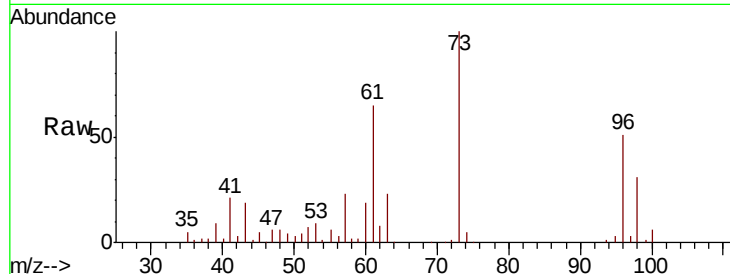
Tot Ion: 96 Resp: 65289

Ion Ratio Lower Upper

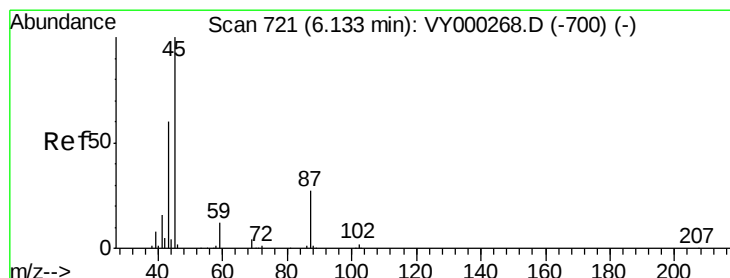
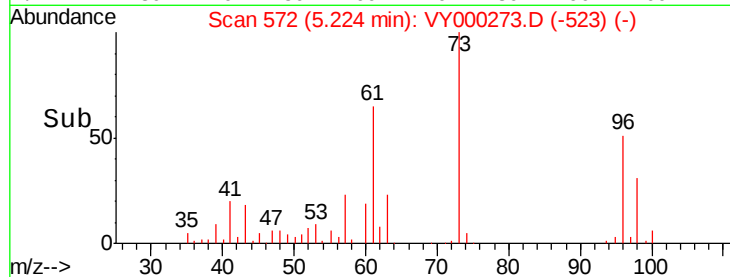
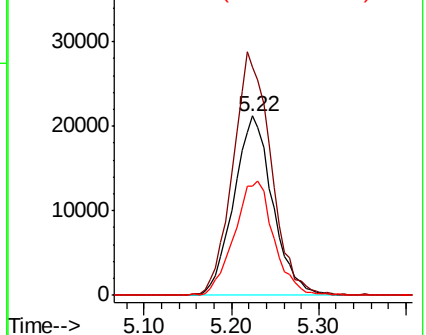
96 100

61 127.4 100.4 150.6

98 61.2 44.6 66.8



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



#22

Diisopropyl ether

Concen: 20.761 ug/l

RT: 6.13 min Scan# 721

Delta R.T. -0.00 min

Lab File: VY000273.D

Acq: 11 Oct 2019 16:16

Tgt Ion: 45 Resp: 202001

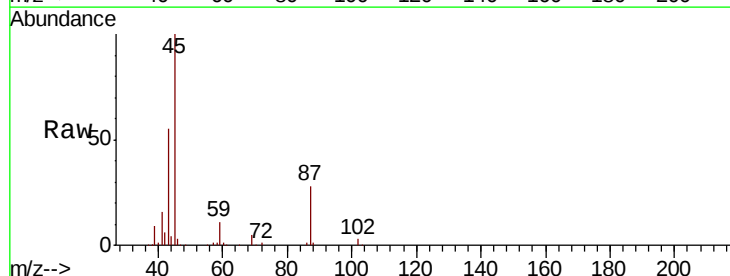
Ion Ratio Lower Upper

45 100

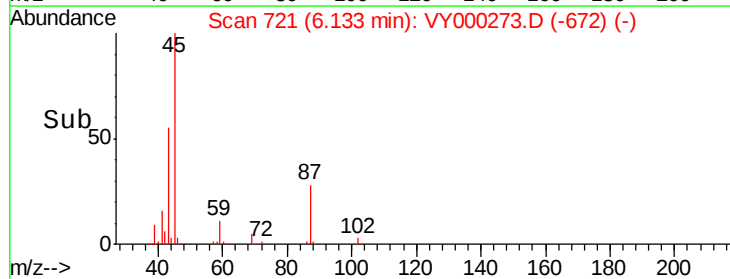
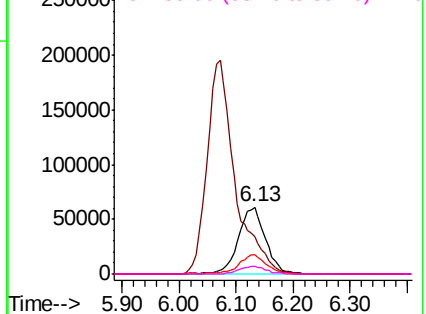
43 55.2 48.5 72.7

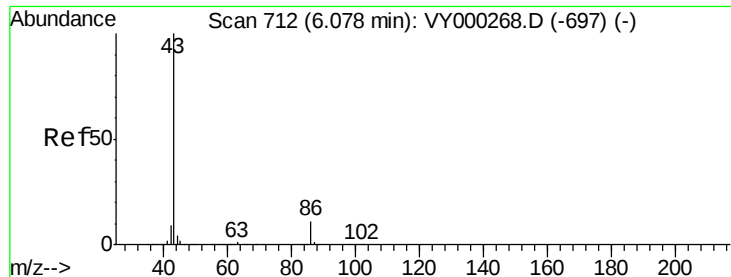
87 28.1 21.5 32.3

59 10.7 9.4 14.0



Abundance Ion 45.00 (44.70 to 45.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 87.00 (86.70 to 87.70): VY0
Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 105.312 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY000273.D

Acq: 11 Oct 2019 16:16

Instrument :

MSVOA_Y

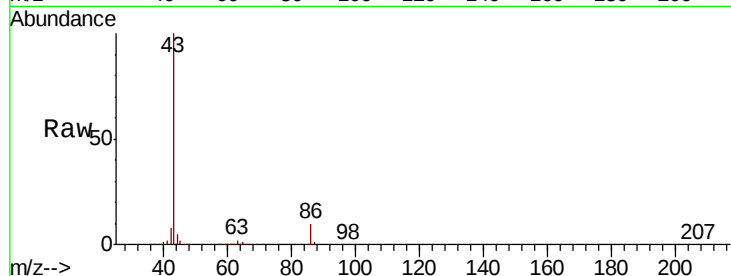
ClientSampleId :

Tot Ion: 43 Resp: 668481

Ion Ratio Lower Upper

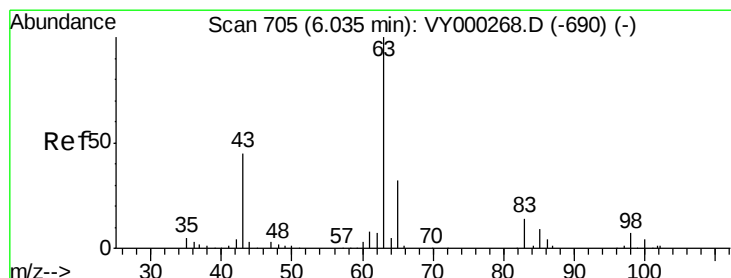
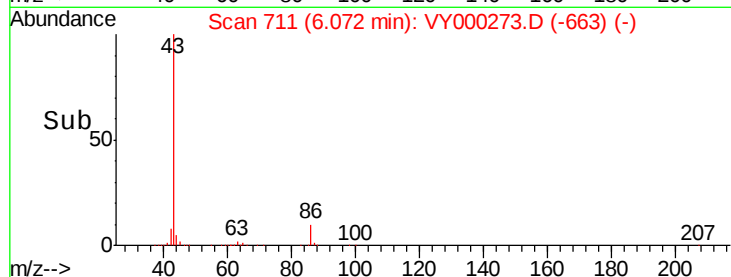
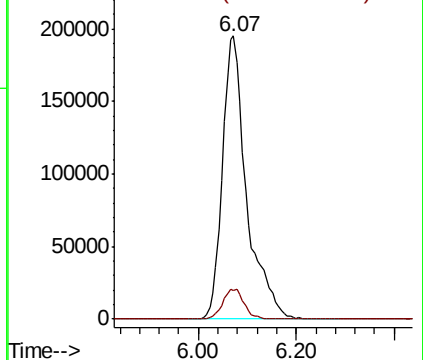
43 100

86 10.3 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 21.174 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000273.D

Acq: 11 Oct 2019 16:16

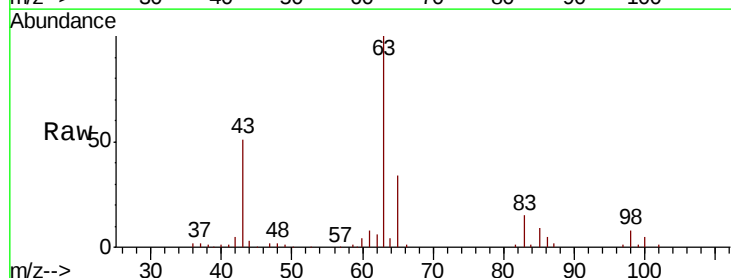
Tgt Ion: 63 Resp: 112453

Ion Ratio Lower Upper

63 100

98 8.5 3.5 10.4

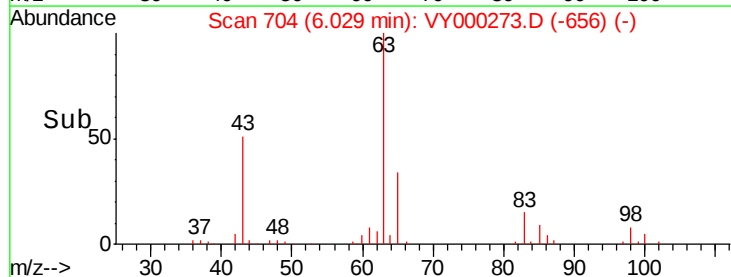
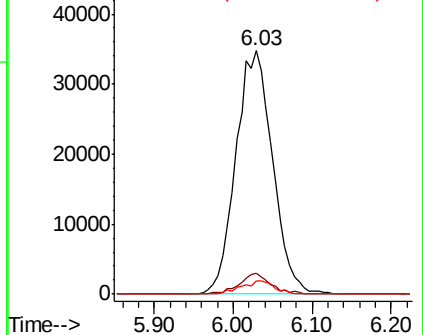
100 5.5 2.1 6.2

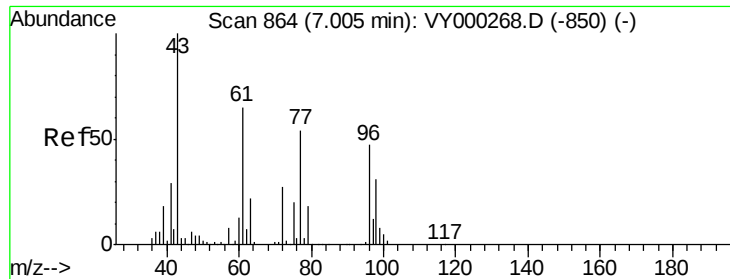


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 102.475 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.00 min

Lab File: VY000273.D

Acq: 11 Oct 2019 16:16

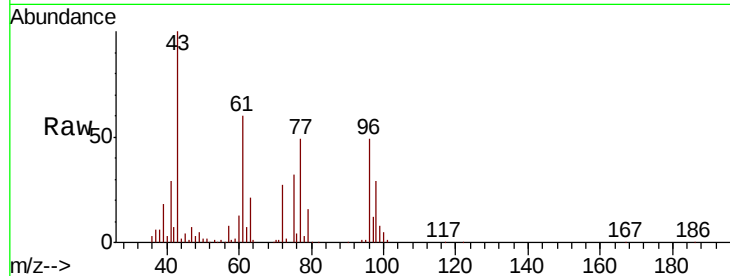
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 135539

Ion Ratio Lower Upper

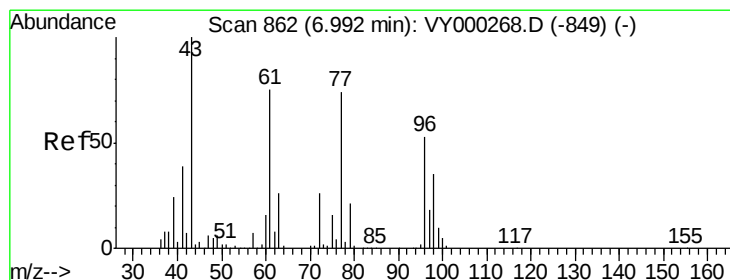
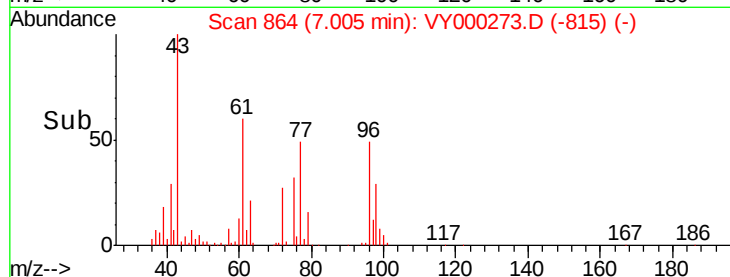
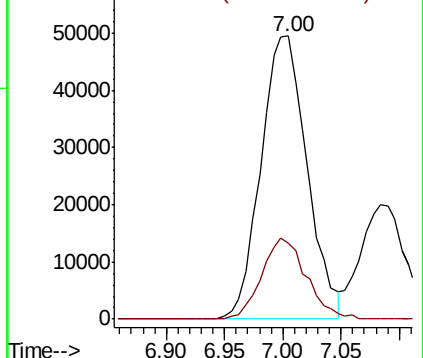
43 100

72 26.8 21.4 32.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 20.751 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY000273.D

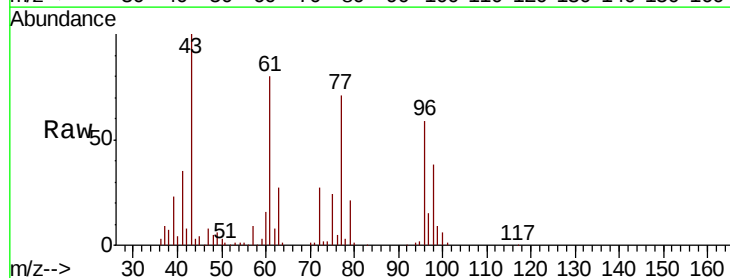
Acq: 11 Oct 2019 16:16

Tgt Ion: 77 Resp: 101552

Ion Ratio Lower Upper

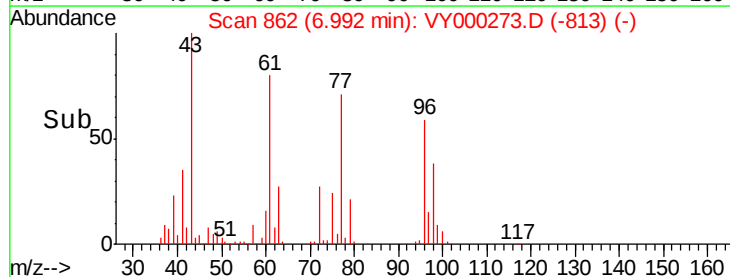
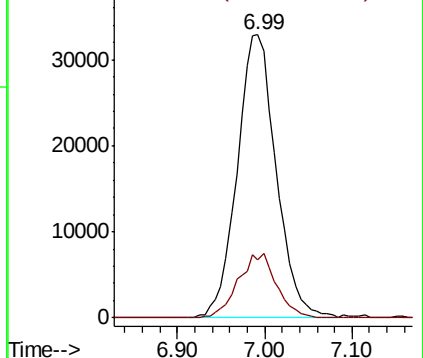
77 100

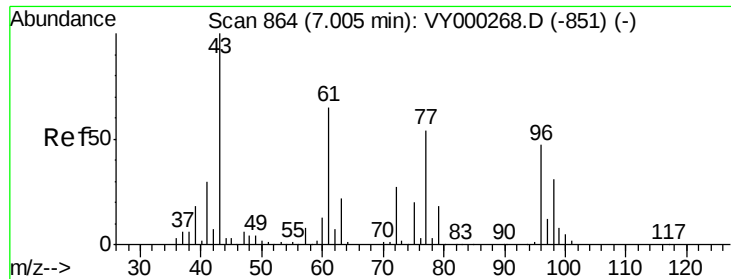
97 22.3 11.6 34.7



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



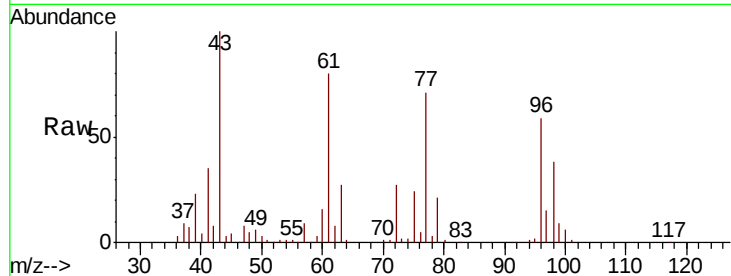


#27

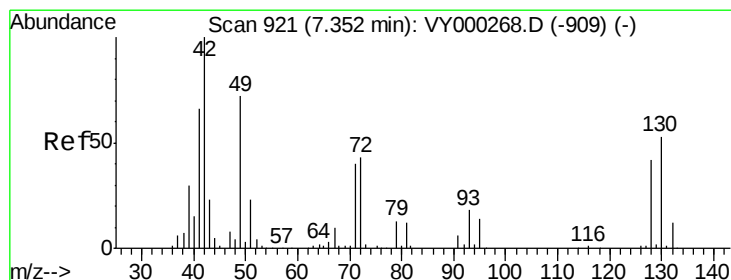
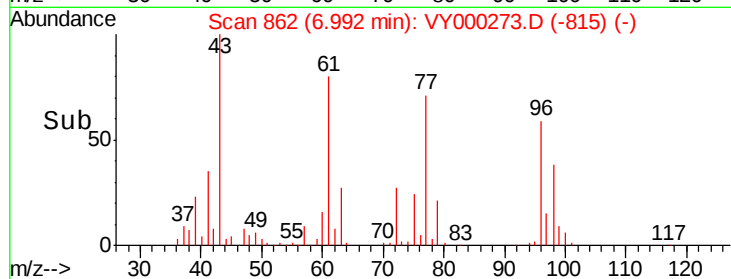
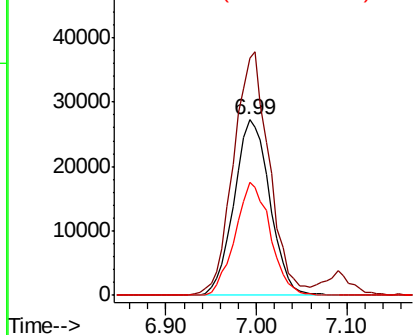
cis-1,2-Dichloroethene
Concen: 21.615 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY000273.D
Acq: 11 Oct 2019 16:16

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 96 Resp: 74492
Ion Ratio Lower Upper
96 100
61 139.8 0.0 289.8
98 63.3 0.0 131.8



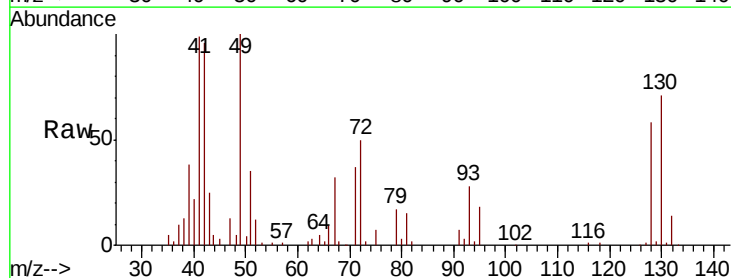
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



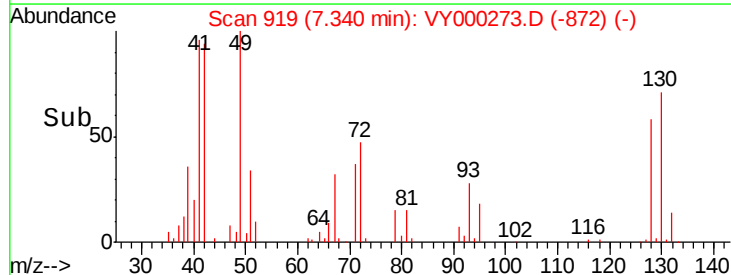
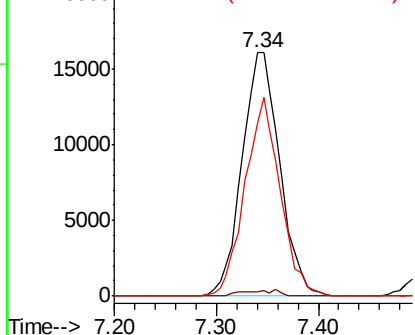
#28

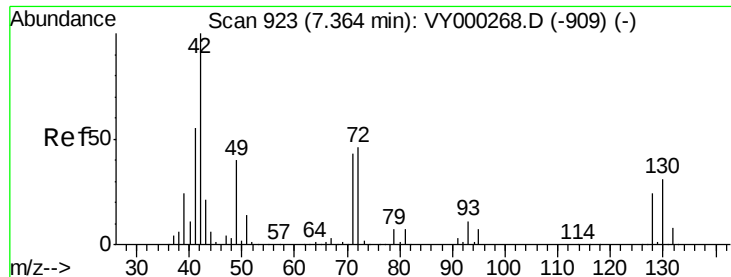
Bromochloromethane
Concen: 18.085 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY000273.D
Acq: 11 Oct 2019 16:16

Tgt Ion: 49 Resp: 41232
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.0
130 76.3 58.2 87.2



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

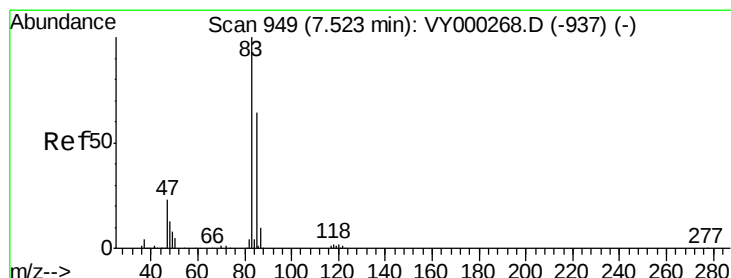
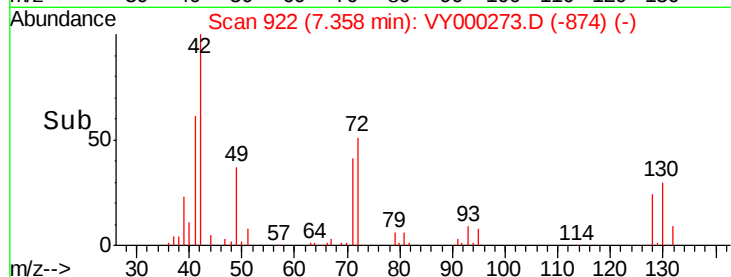
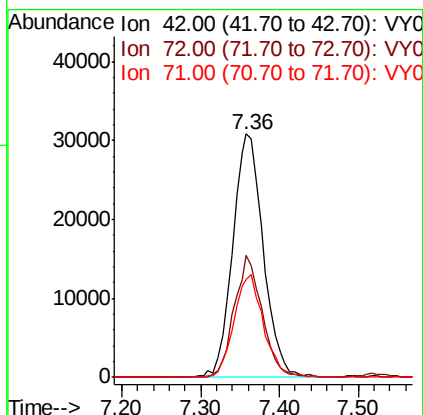
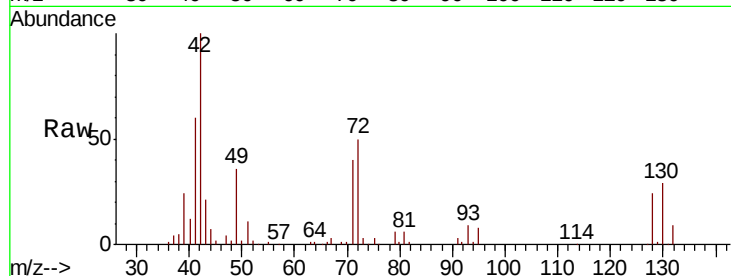




#29
Tetrahydrofuran
Concen: 103.503 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY000273.D
Acq: 11 Oct 2019 16:16

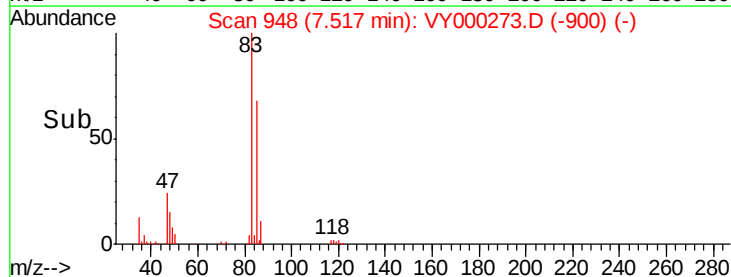
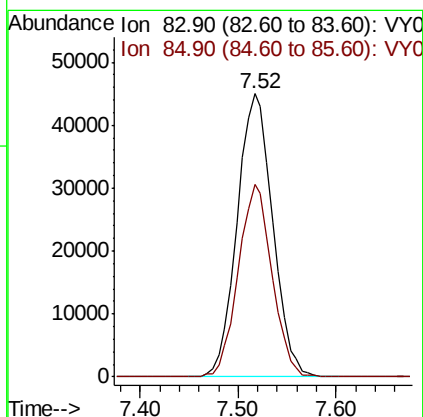
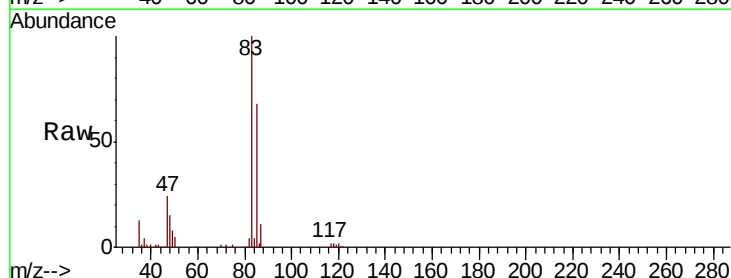
Instrument :
MSVOA_Y
ClientSampleId :

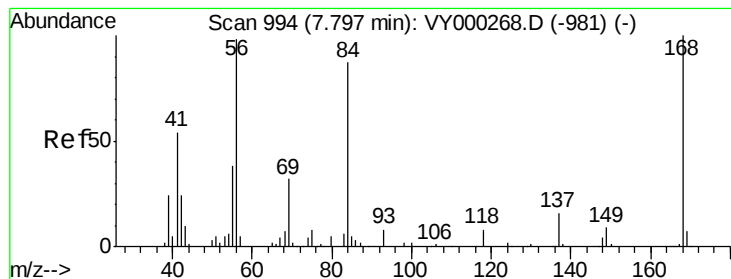
Tot Ion: 42 Resp: 82966
Ion Ratio Lower Upper
42 100
72 45.9 34.5 51.7
71 40.8 32.7 49.1



#30
Chloroform
Concen: 21.191 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000273.D
Acq: 11 Oct 2019 16:16

Tgt Ion: 83 Resp: 113340
Ion Ratio Lower Upper
83 100
85 68.1 51.4 77.2





#31

Cyclohexane

Concen: 20.599 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY000273.D

Acq: 11 Oct 2019 16:16

Instrument :
MSVOA_Y
ClientSampleId :

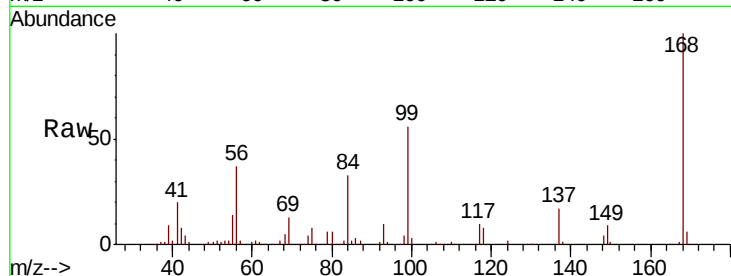
Tot Ion: 56 Resp: 114261

Ion Ratio Lower Upper

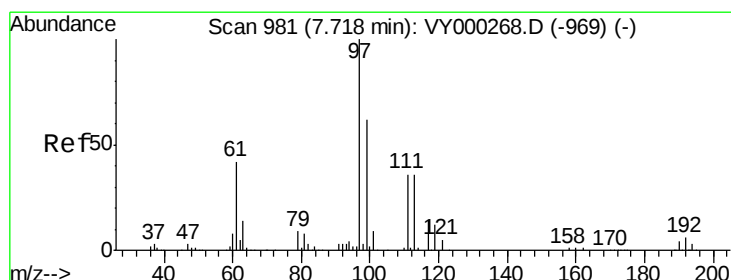
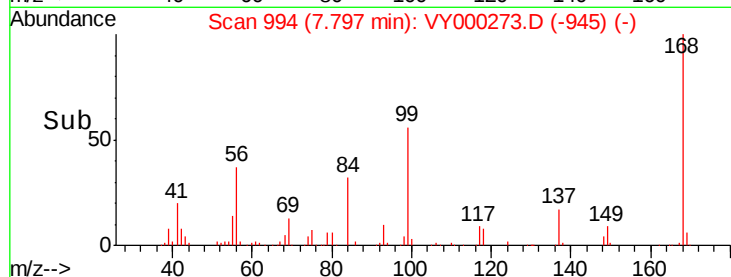
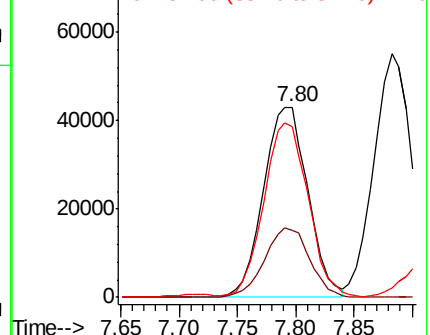
56 100

69 35.3 26.3 39.5

84 88.7 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: 20.866 ug/l

RT: 7.71 min Scan# 980

Delta R.T. -0.01 min

Lab File: VY000273.D

Acq: 11 Oct 2019 16:16

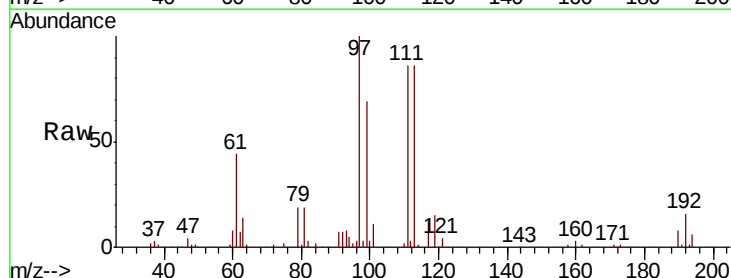
Tgt Ion: 97 Resp: 99216

Ion Ratio Lower Upper

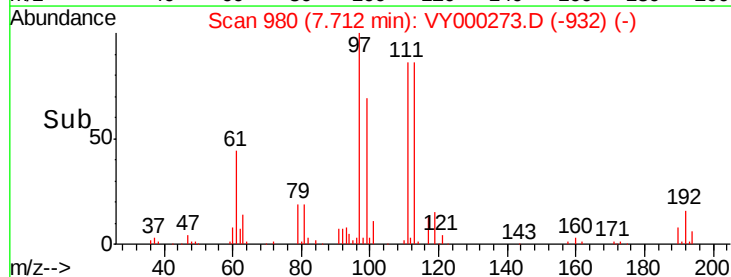
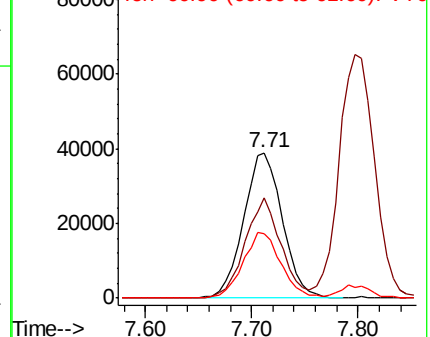
97 100

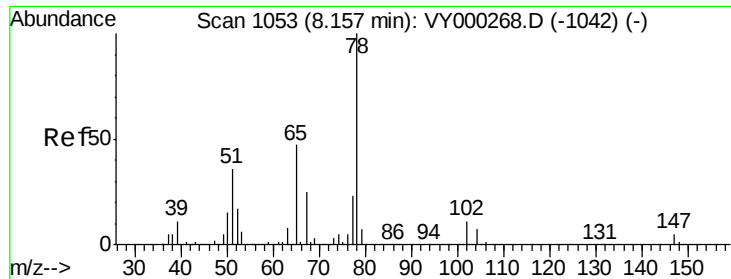
99 63.9 51.7 77.5

61 44.4 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

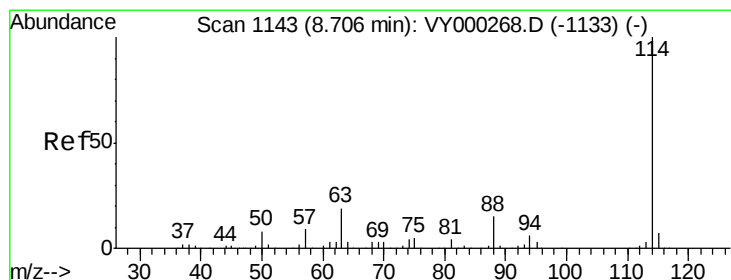
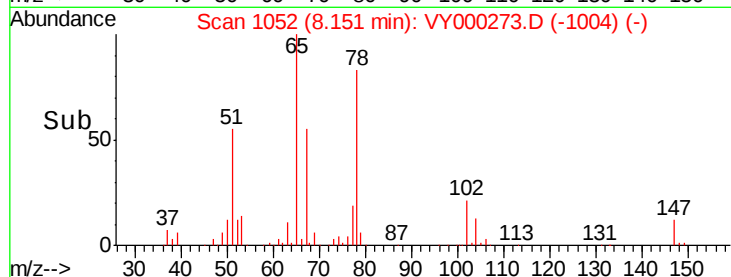
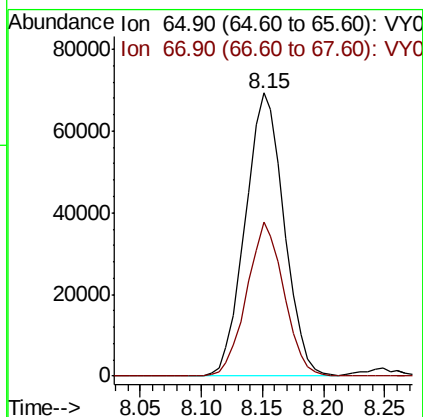
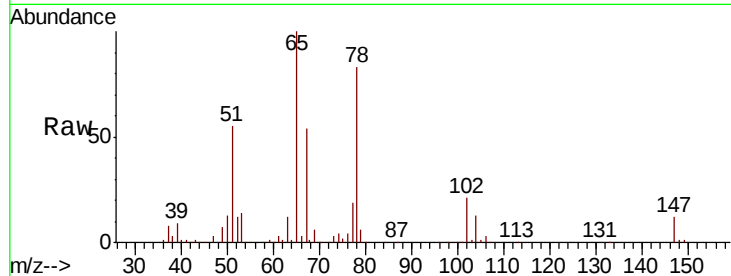




#33
 1,2-Dichloroethane-d4
 Concen: 52.753 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY000273.D
 Acq: 11 Oct 2019 16:16

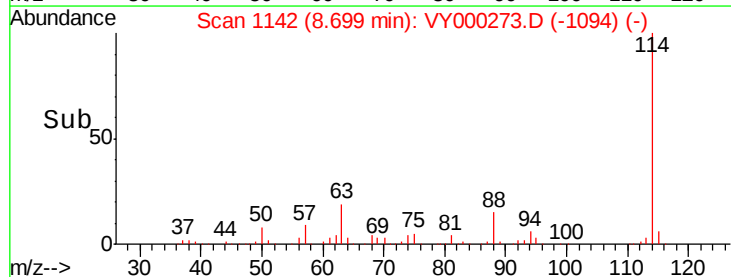
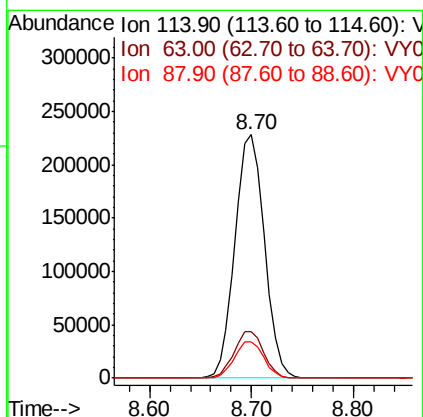
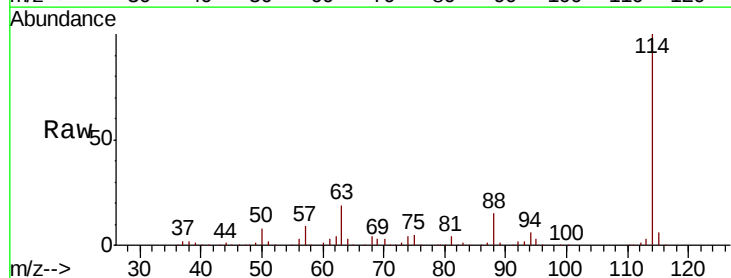
Instrument :
 MSVOA_Y
 ClientSampleId :

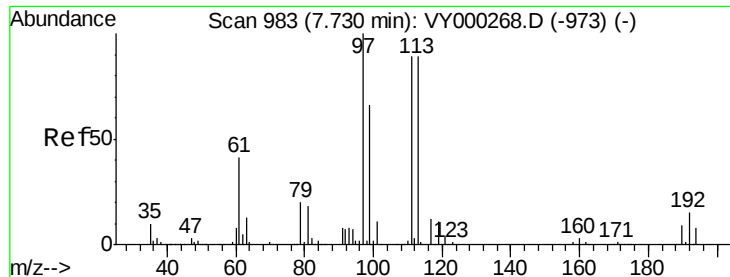
Tot Ion: 65 Resp: 152948
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000273.D
 Acq: 11 Oct 2019 16:16

Tgt Ion: 114 Resp: 457888
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 37.2
 88 15.2 0.0 30.2

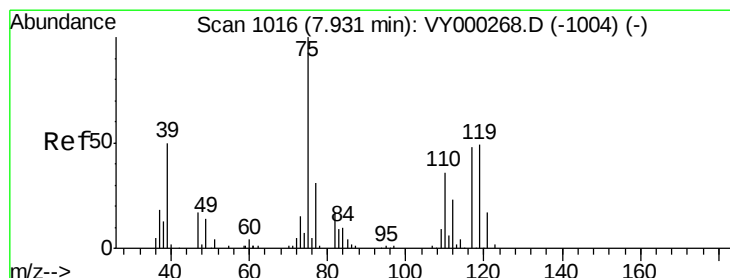
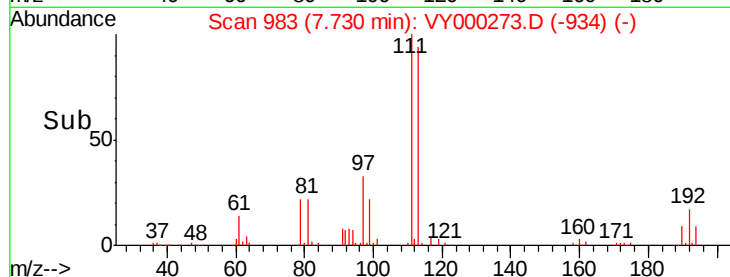
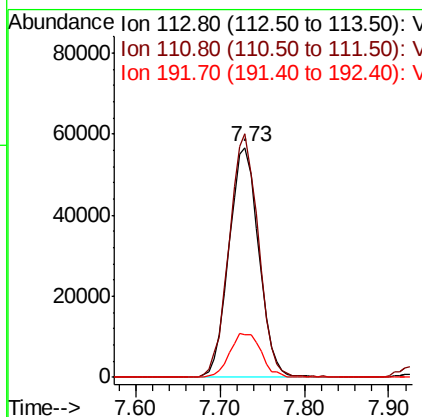
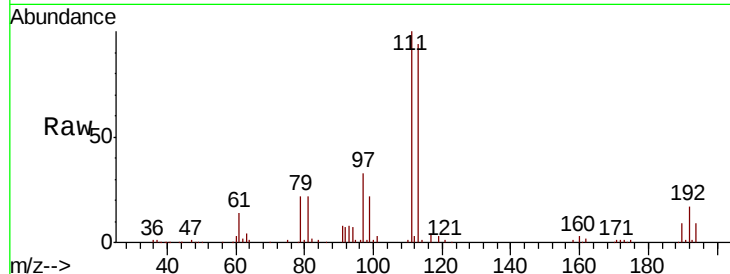




#35
 Dibromofluoromethane
 Concen: 48.933 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000273.D
 Acq: 11 Oct 2019 16:16

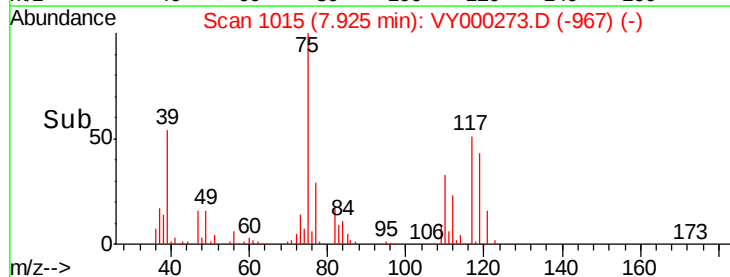
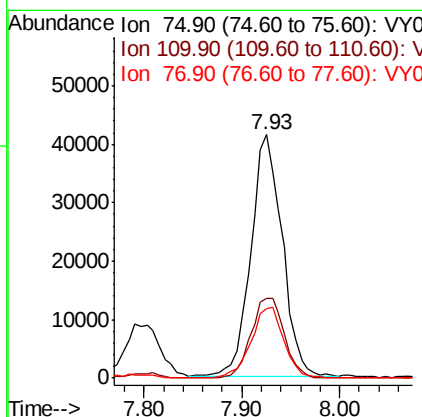
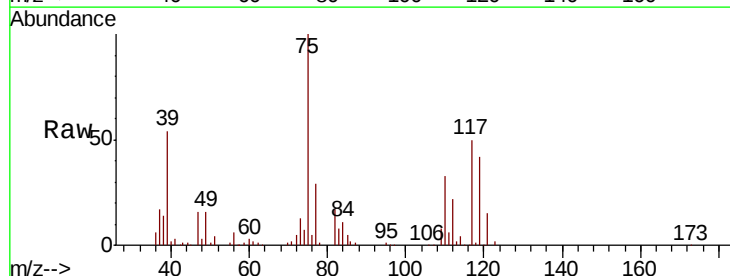
Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.3	81.6	122.4
192	20.2	15.3	22.9



#36
 1,1-Dichloropropene
 Concen: 20.731 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: VY000273.D
 Acq: 11 Oct 2019 16:16

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.8	18.4	55.4
77	30.6	25.0	37.6

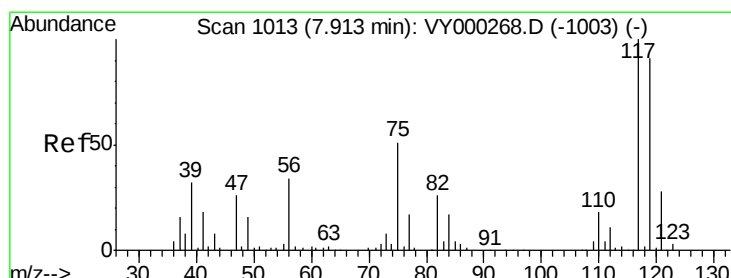
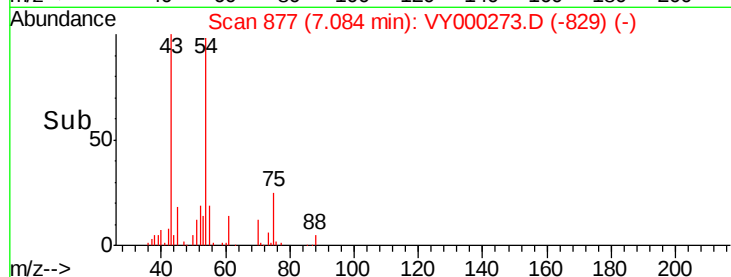
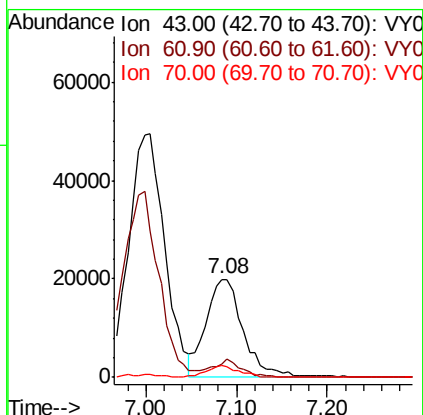
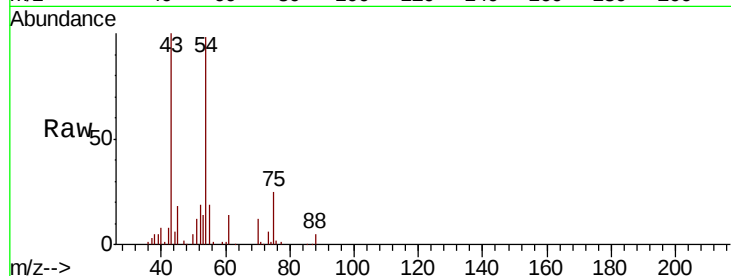




#37
Ethyl Acetate
Concen: 21.249 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000273.D
Acq: 11 Oct 2019 16:16

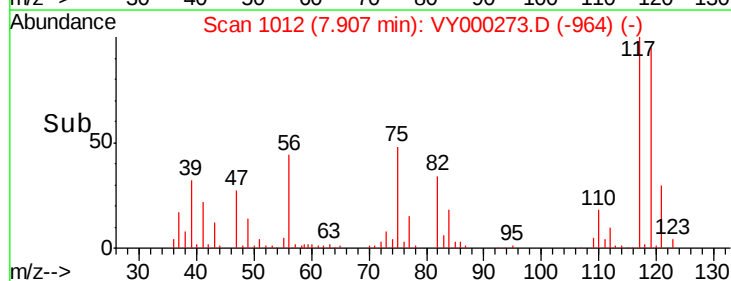
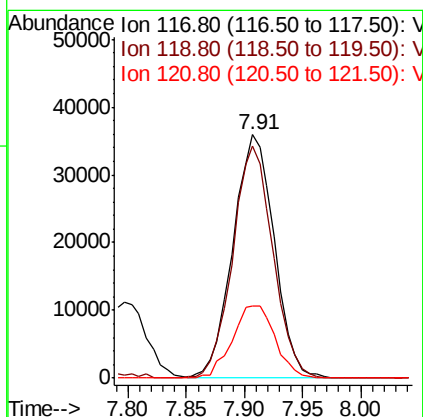
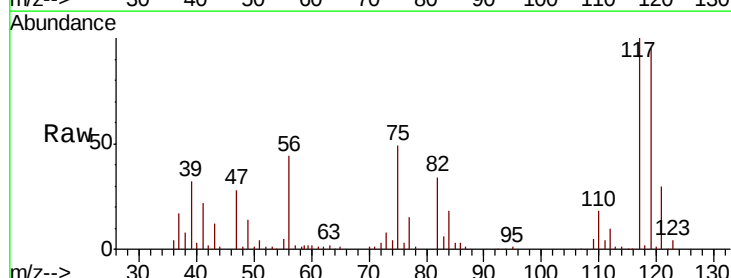
Instrument :
MSVOA_Y
ClientSampleId :

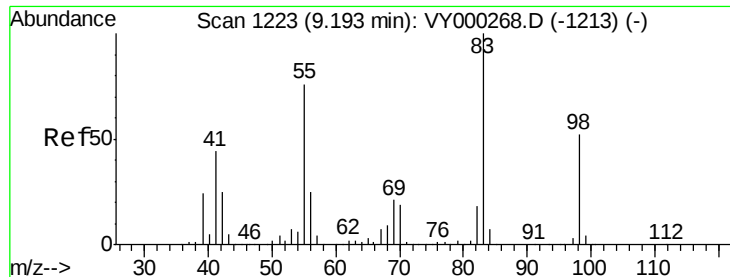
Tot Ion: 43 Resp: 56405
Ion Ratio Lower Upper
43 100
61 13.9 12.1 18.1
70 10.6 8.7 13.1



#38
Carbon Tetrachloride
Concen: 20.422 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000273.D
Acq: 11 Oct 2019 16:16

Tgt Ion: 117 Resp: 88645
Ion Ratio Lower Upper
117 100
119 95.3 72.8 109.2
121 29.6 22.2 33.2

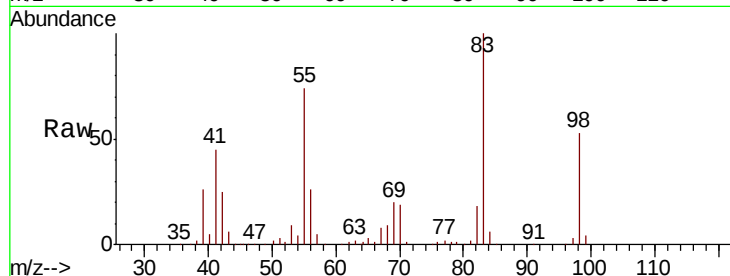




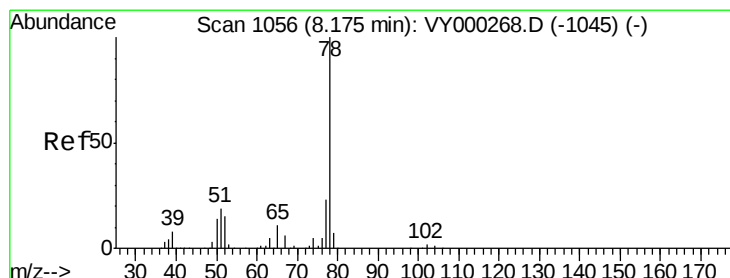
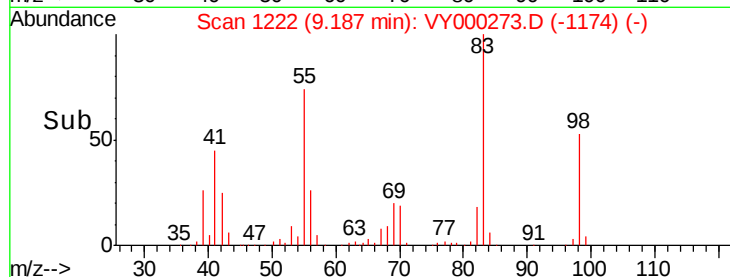
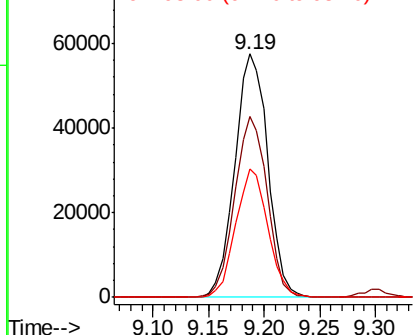
#39
Methvlcvclohexane
Concen: 20.078 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY000273.D
Acq: 11 Oct 2019 16:16

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 117807
Ion Ratio Lower Upper
83 100
55 74.1 60.9 91.3
98 52.9 41.8 62.6

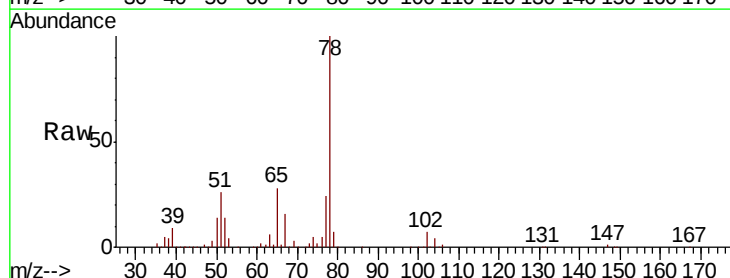


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

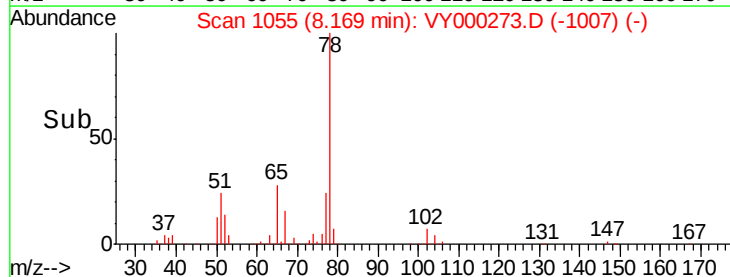
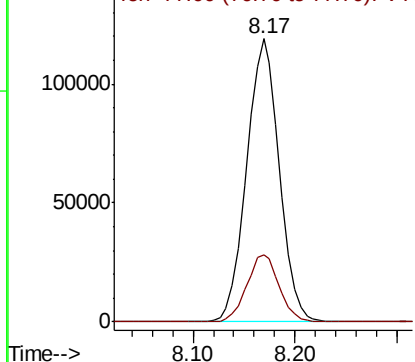


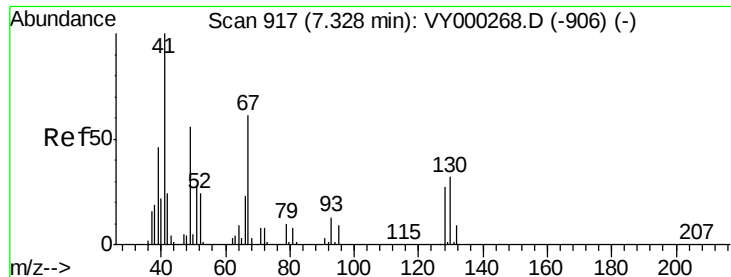
#40
Benzene
Concen: 20.386 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000273.D
Acq: 11 Oct 2019 16:16

Tgt Ion: 78 Resp: 264114
Ion Ratio Lower Upper
78 100
77 23.9 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VY0
Ion 77.00 (76.70 to 77.70): VY0

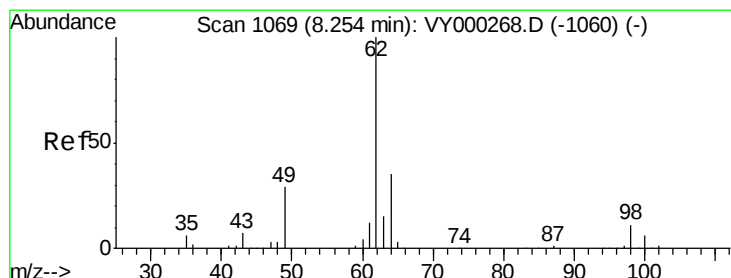
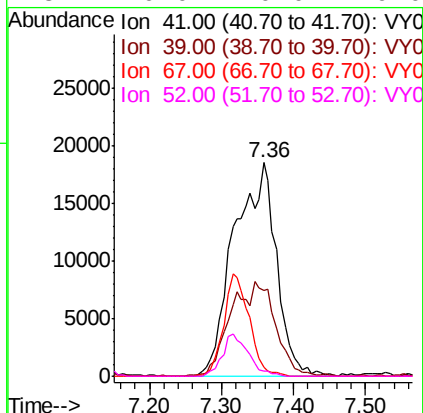
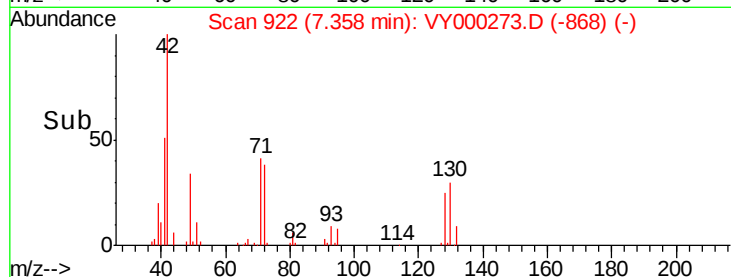
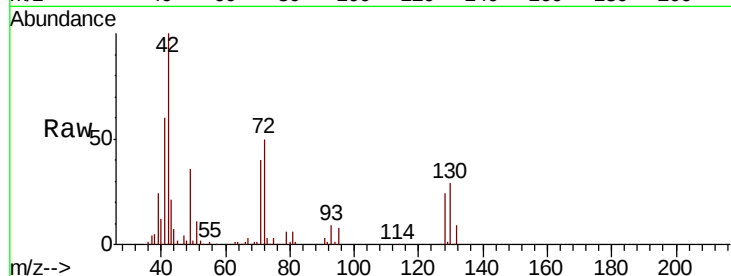




#41
Methacrylonitrile
Concen: 59.883 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.03 min
Lab File: VY000273.D
Acq: 11 Oct 2019 16:16

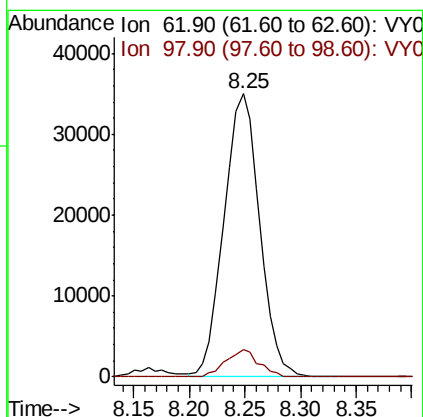
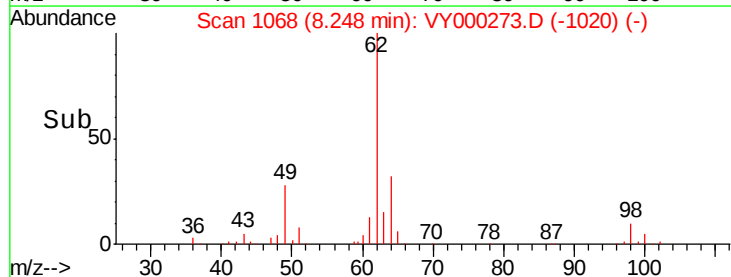
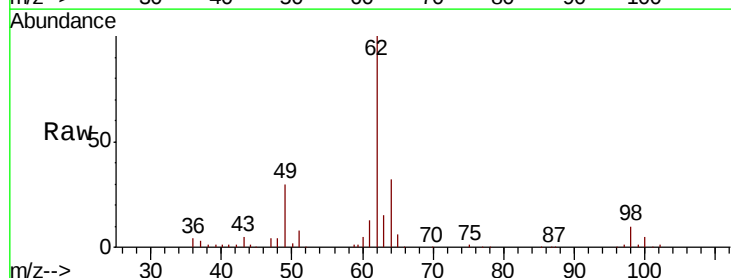
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 41 Resp: 75664
Ion Ratio Lower Upper
41 100
39 23.3 110.2 165.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 20.995 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY000273.D
Acq: 11 Oct 2019 16:16

Tgt Ion: 62 Resp: 77697
Ion Ratio Lower Upper
62 100
98 9.0 0.0 20.6





#43

Isopropyl Acetate

Concen: 20.507 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY000273.D

Acq: 11 Oct 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

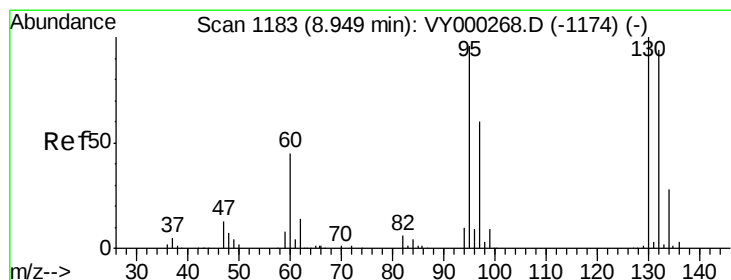
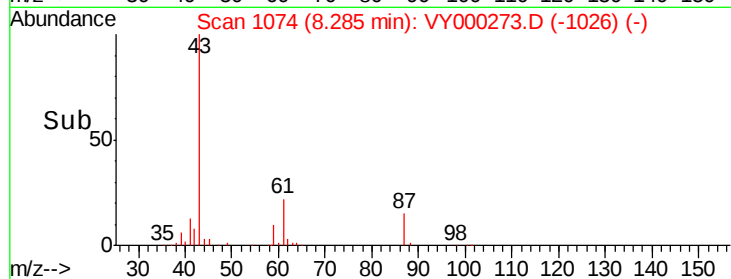
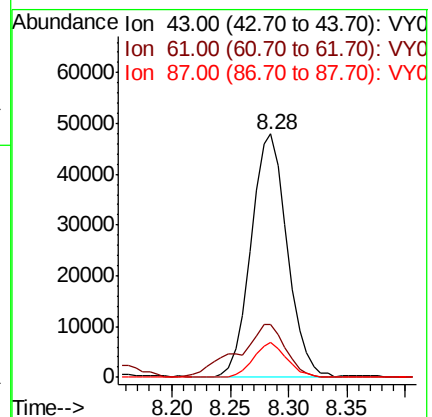
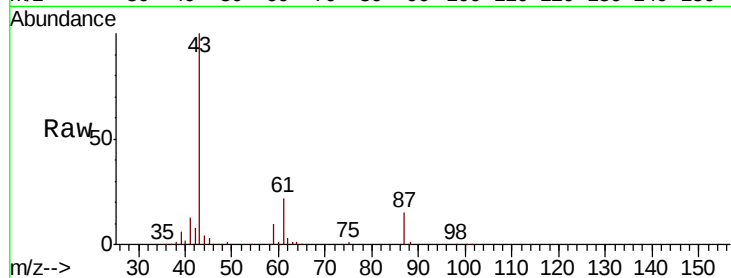
Tot Ion: 43 Resp: 103504

Ion Ratio Lower Upper

43 100

61 28.8 22.3 33.5

87 13.2 10.9 16.3



#44

Trichloroethene

Concen: 20.437 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. -0.00 min

Lab File: VY000273.D

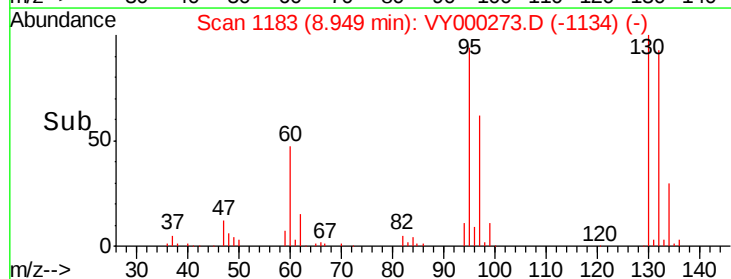
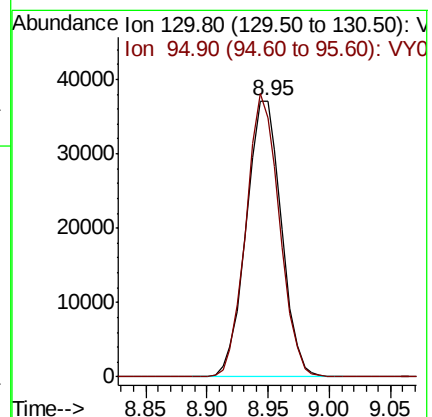
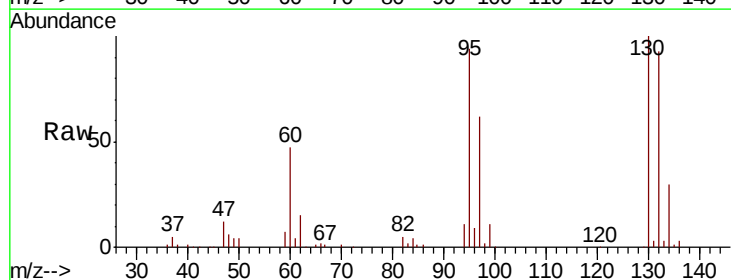
Acq: 11 Oct 2019 16:16

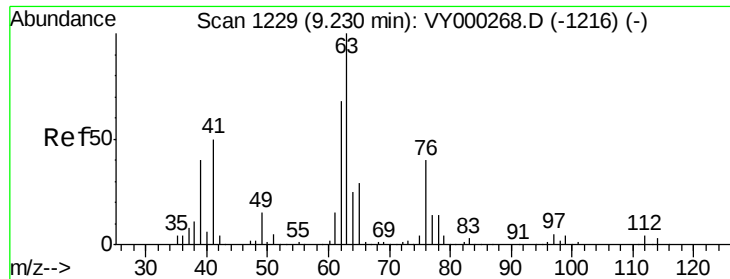
Tgt Ion:130 Resp: 74289

Ion Ratio Lower Upper

130 100

95 93.9 0.0 191.4

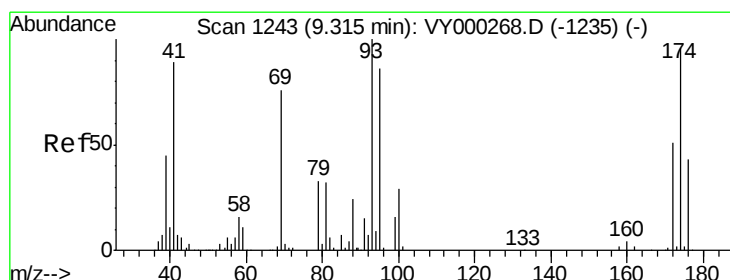
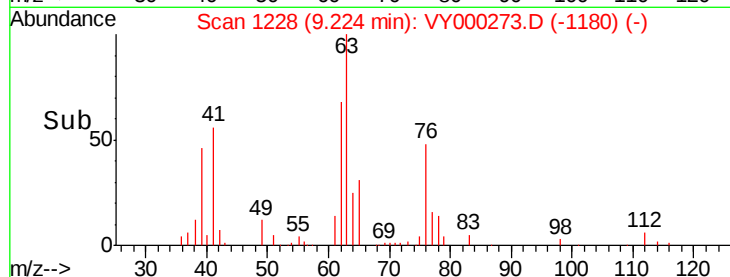
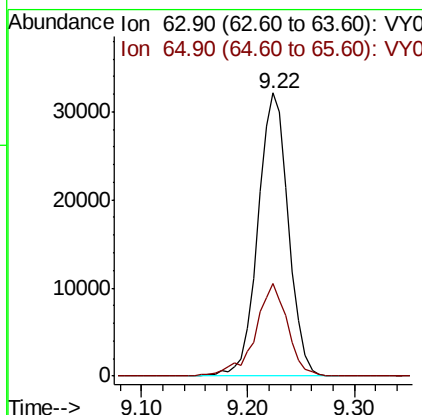
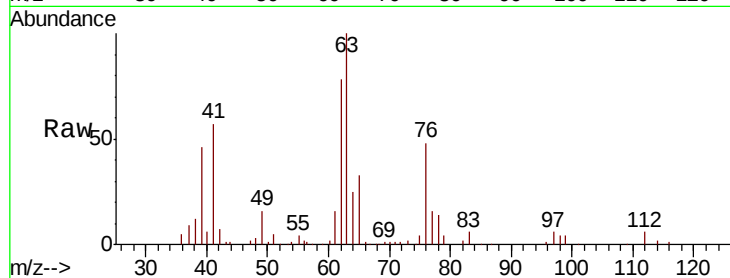




#45
 1,2-Dichloropropane
 Concen: 20.155 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY000273.D
 Acq: 11 Oct 2019 16:16

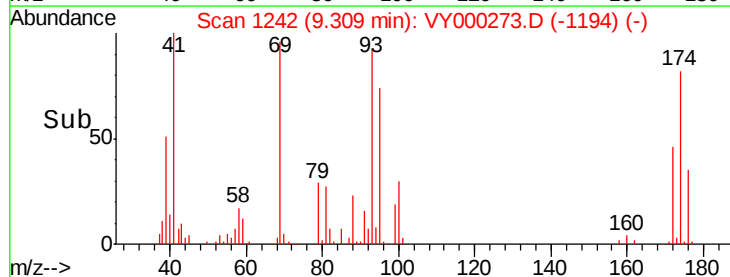
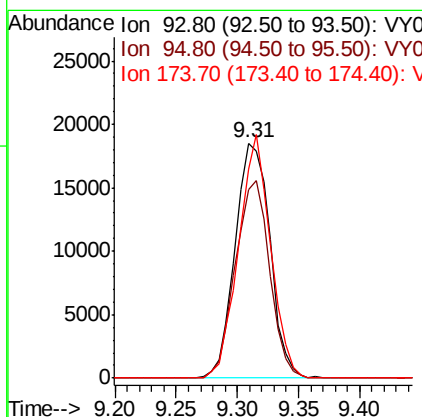
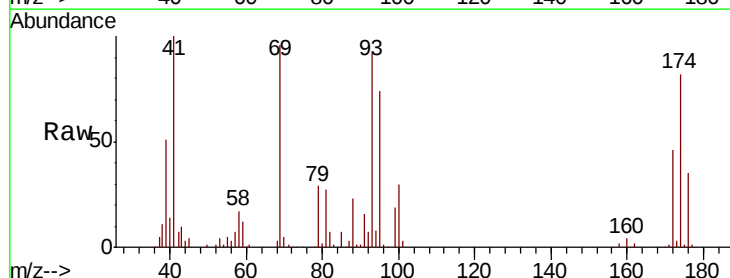
Instrument :
 MSVOA_Y
 ClientSampleId :

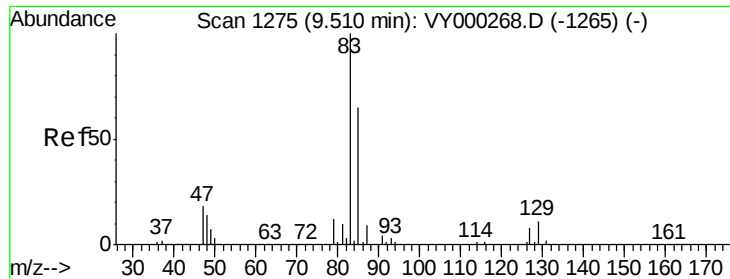
Tot Ion: 63 Resp: 64078
 Ion Ratio Lower Upper
 63 100
 65 32.7 23.2 34.8



#46
 Dibromomethane
 Concen: 20.657 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY000273.D
 Acq: 11 Oct 2019 16:16

Tgt Ion: 93 Resp: 36714
 Ion Ratio Lower Upper
 93 100
 95 82.5 68.2 102.2
 174 94.6 79.8 119.6

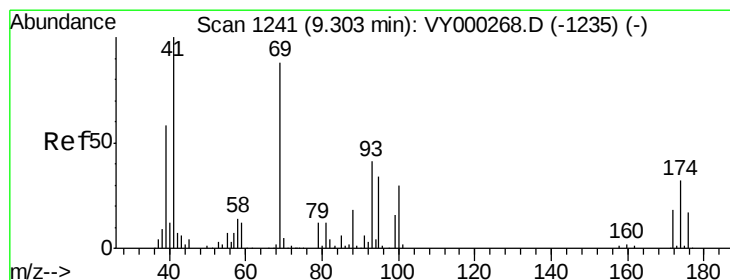
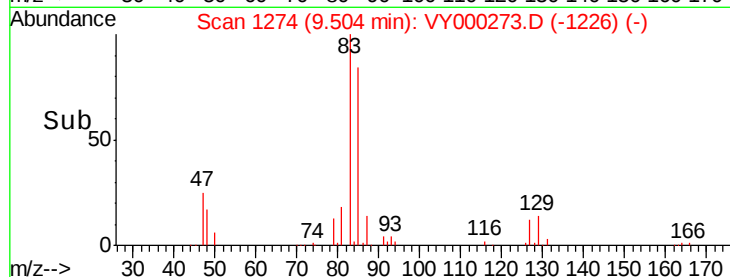
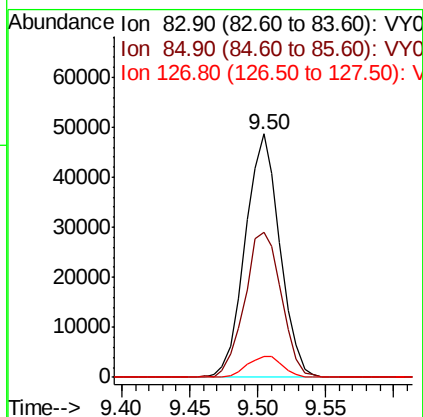
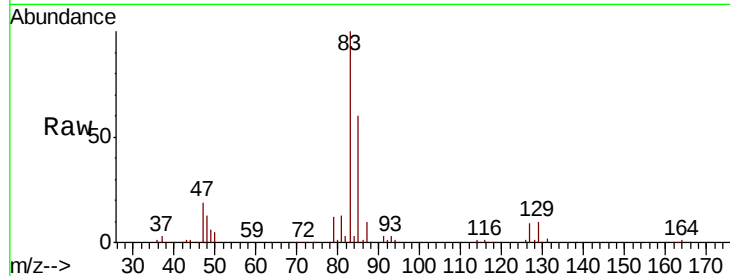




#47
Bromodichloromethane
Concen: 20.690 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VY000273.D
Acq: 11 Oct 2019 16:16

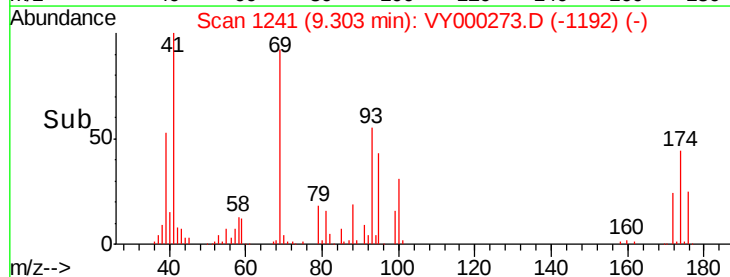
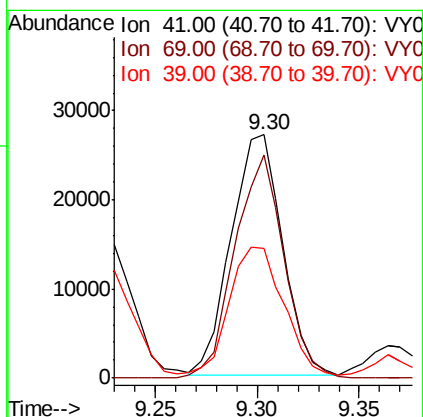
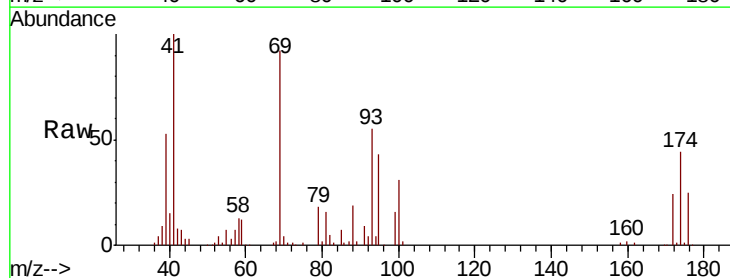
Instrument :
MSVOA_Y
ClientSampleId :

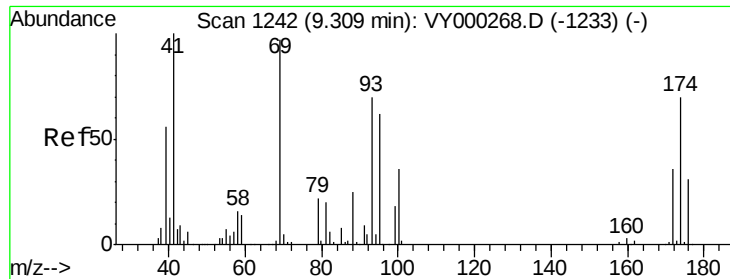
Tot Ion: 83 Resp: 86662
Ion Ratio Lower Upper
83 100
85 59.7 52.2 78.2
127 8.8 6.3 9.5



#48
Methyl methacrylate
Concen: 21.339 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY000273.D
Acq: 11 Oct 2019 16:16

Tgt Ion: 41 Resp: 47202
Ion Ratio Lower Upper
41 100
69 89.2 70.0 105.0
39 59.0 47.7 71.5





#49

1,4-Dioxane

Concen: 439.579 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY000273.D

Acq: 11 Oct 2019 16:16

Instrument :
MSVOA_Y
ClientSampled :

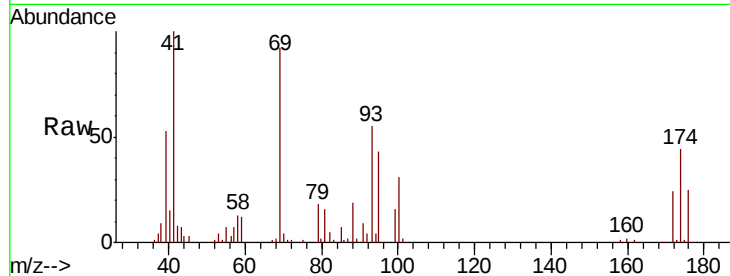
Tot Ion: 88 Resp: 11714

Ion Ratio Lower Upper

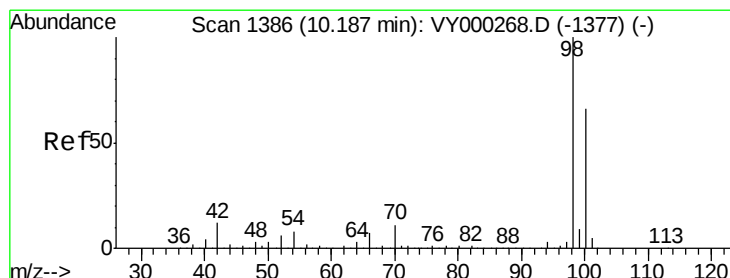
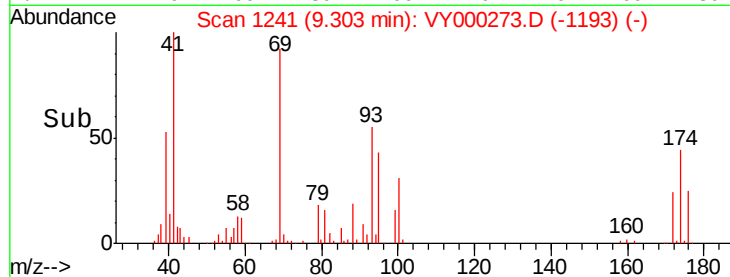
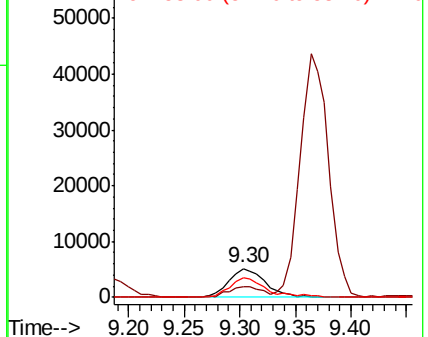
88 100

43 33.3 25.6 38.4

58 66.5 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: 53.016 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY000273.D

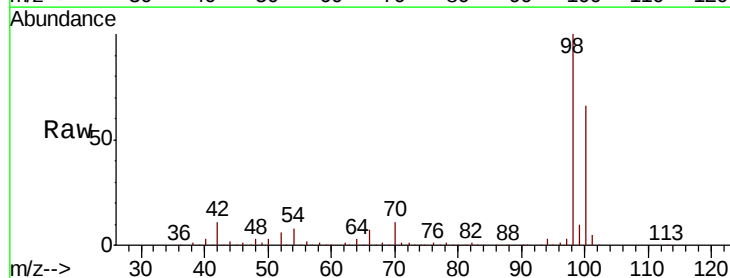
Acq: 11 Oct 2019 16:16

Tgt Ion: 98 Resp: 563282

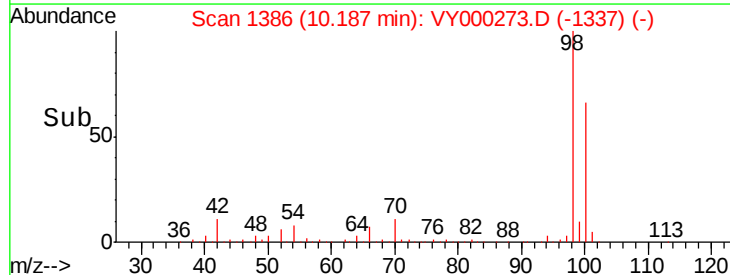
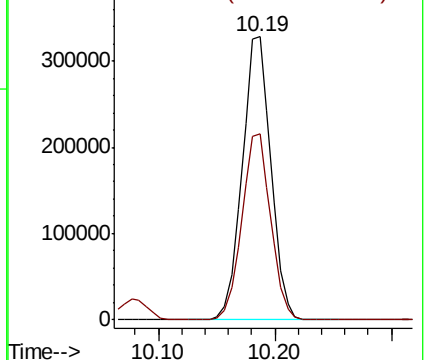
Ion Ratio Lower Upper

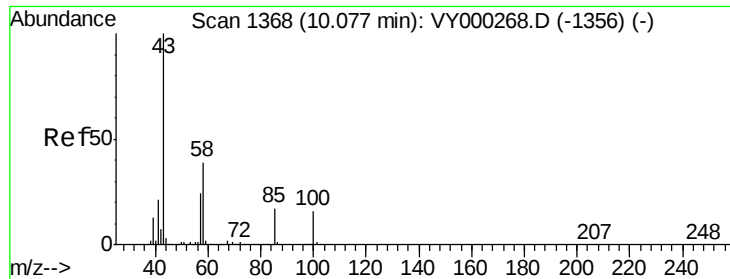
98 100

100 66.0 52.8 79.2



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

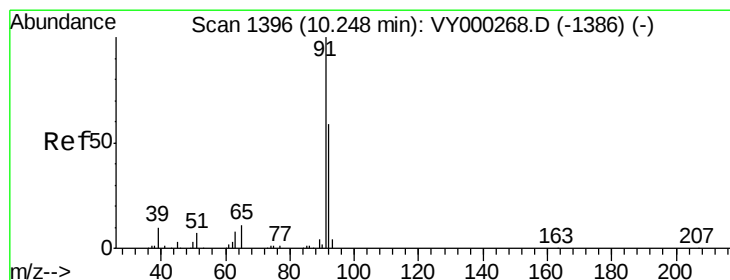
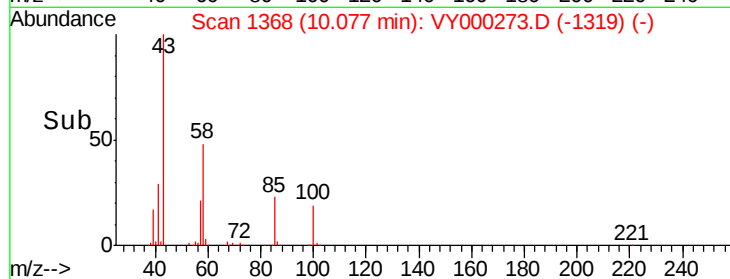
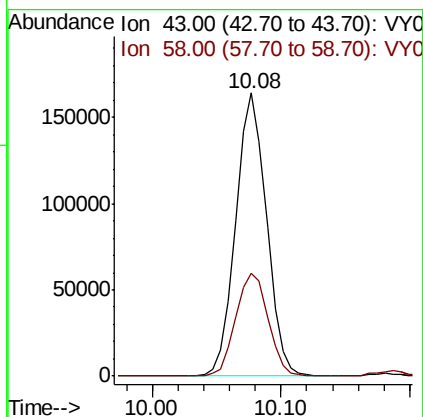
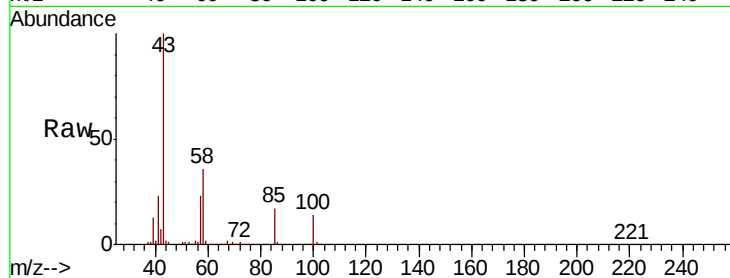




#51
 4-Methyl-2-Pentanone
 Concen: 104.396 ug/l
 RT: 10.08 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VY000273.D
 Acq: 11 Oct 2019 16:16

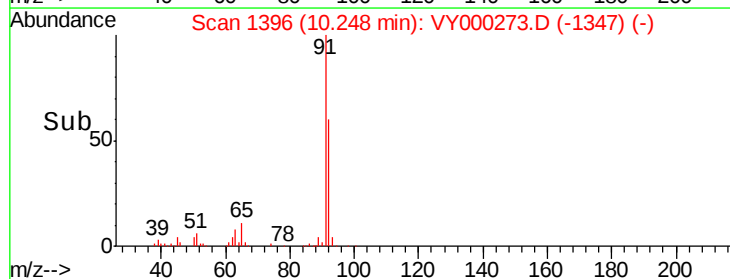
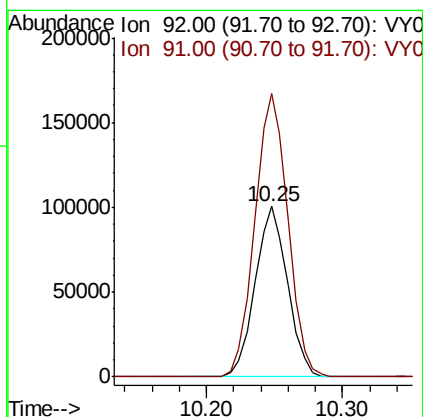
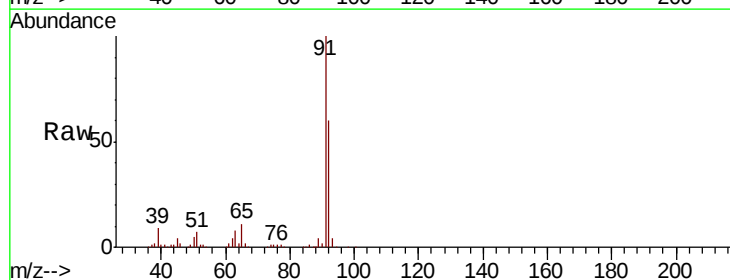
Instrument :
 MSVOA_Y
 ClientSampled :

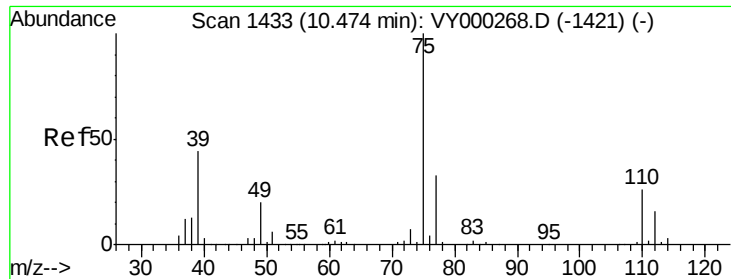
Tot Ion: 43 Resp: 271770
 Ion Ratio Lower Upper
 43 100
 58 38.2 31.0 46.6



#52
 Toluene
 Concen: 20.401 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. -0.00 min
 Lab File: VY000273.D
 Acq: 11 Oct 2019 16:16

Tgt Ion: 92 Resp: 167801
 Ion Ratio Lower Upper
 92 100
 91 169.6 136.6 205.0

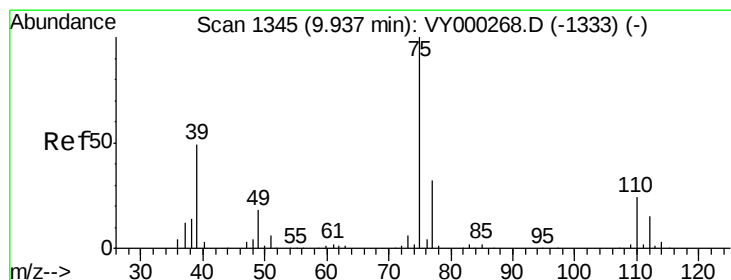
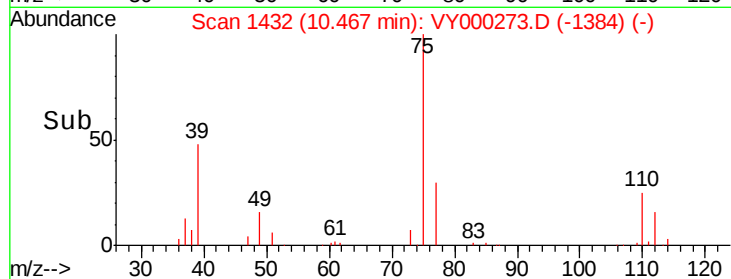
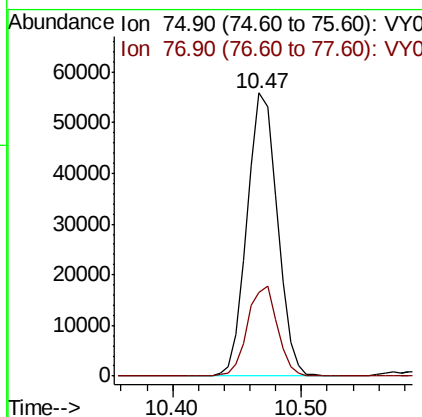
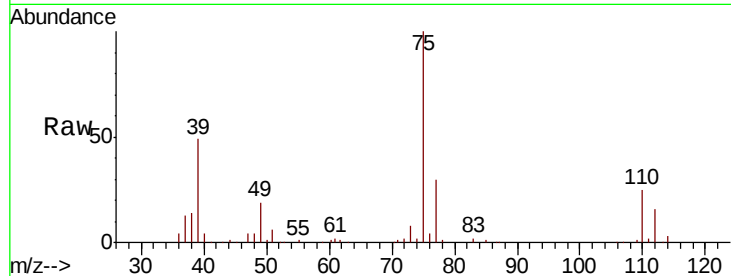




#53
 t-1,3-Dichloropropene
 Concen: 20.247 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: VY000273.D
 Acq: 11 Oct 2019 16:16

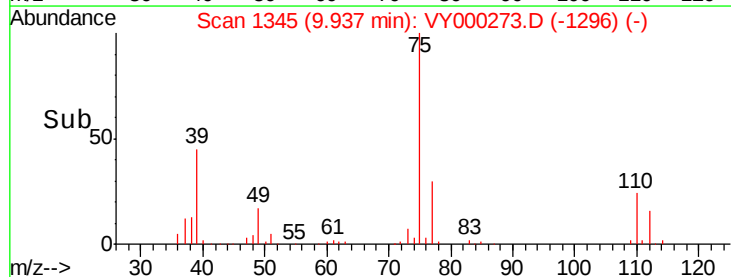
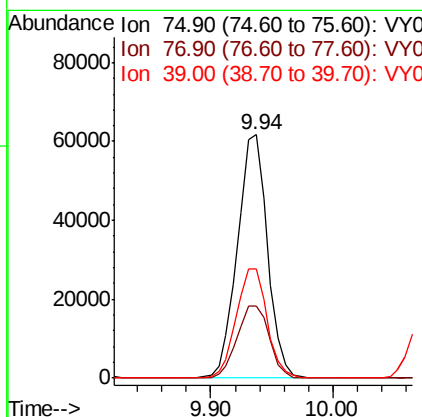
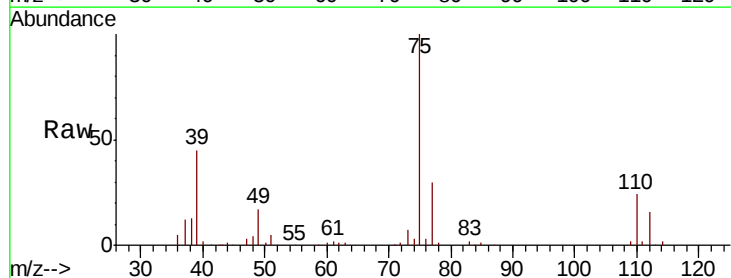
Instrument :
 MSVOA_Y
 ClientSampleId :

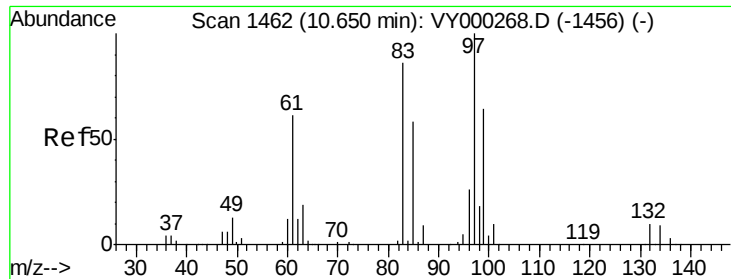
Tot Ion: 75 Resp: 90887
 Ion Ratio Lower Upper
 75 100
 77 29.7 26.0 39.0



#54
 cis-1,3-Dichloropropene
 Concen: 20.569 ug/l
 RT: 9.94 min Scan# 1345
 Delta R.T. -0.00 min
 Lab File: VY000273.D
 Acq: 11 Oct 2019 16:16

Tgt Ion: 75 Resp: 104853
 Ion Ratio Lower Upper
 75 100
 77 29.6 26.0 39.0
 39 44.6 38.8 58.2

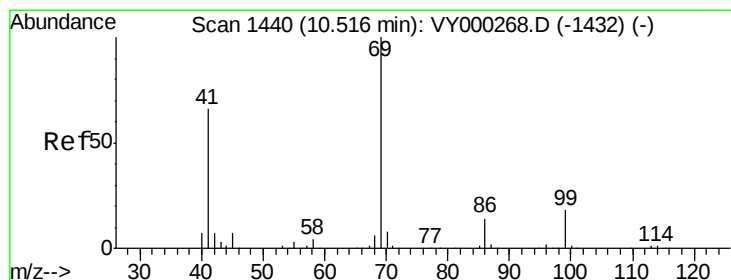
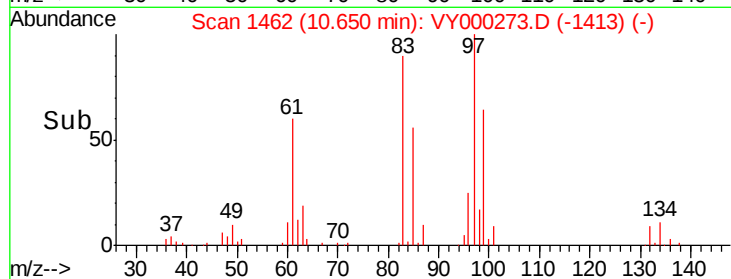
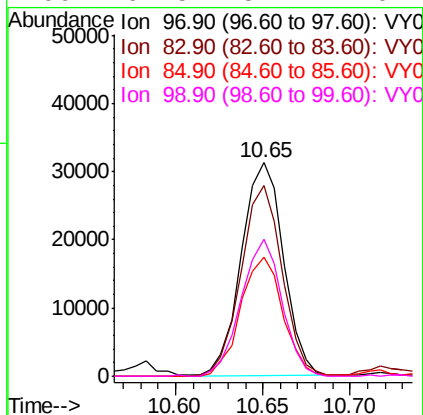
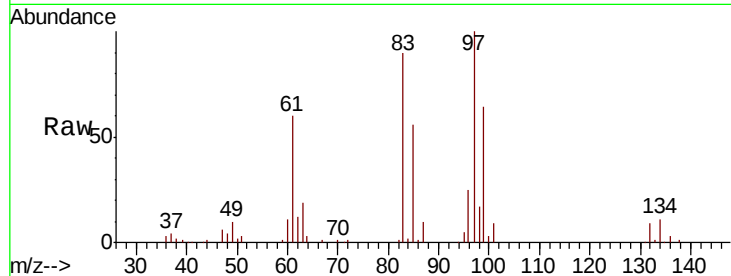




#55
 1,1,2-Trichloroethane
 Concen: 20.287 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VY000273.D
 Acq: 11 Oct 2019 16:16

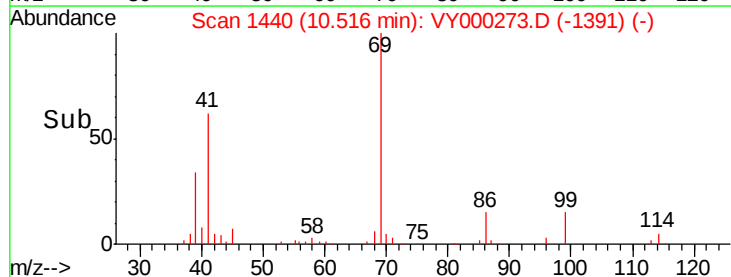
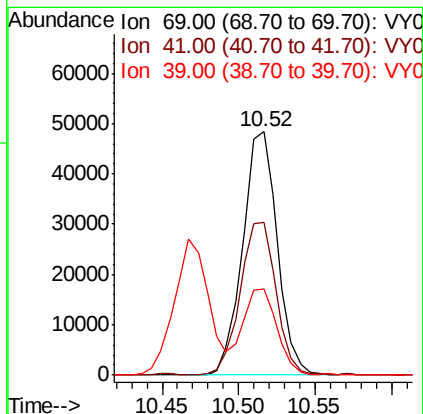
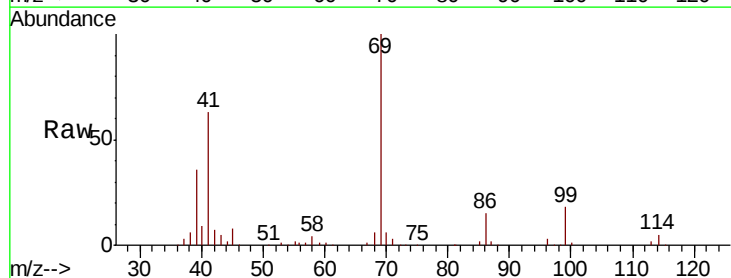
Instrument :
 MSVOA_Y
 ClientSampleId :

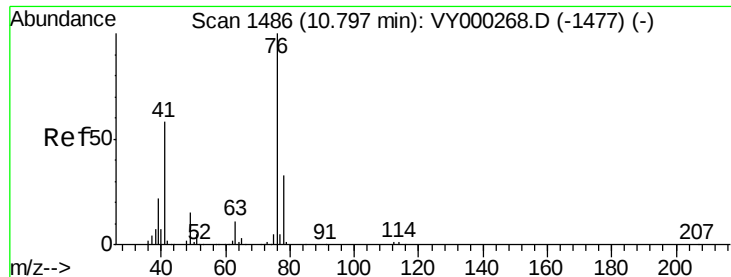
Tot Ion:	97	Resp:	52424
Ion	Ratio	Lower	Upper
97	100		
83	89.7	69.0	103.6
85	56.2	46.2	69.4
99	64.5	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 20.696 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VY000273.D
 Acq: 11 Oct 2019 16:16

Tgt Ion:	69	Resp:	76231
Ion	Ratio	Lower	Upper
69	100		
41	64.4	52.5	78.7
39	35.7	26.7	40.1





#57

1,3-Dichloropropane

Concen: 20.967 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VY000273.D

Acq: 11 Oct 2019 16:16

Instrument :

MSVOA_Y

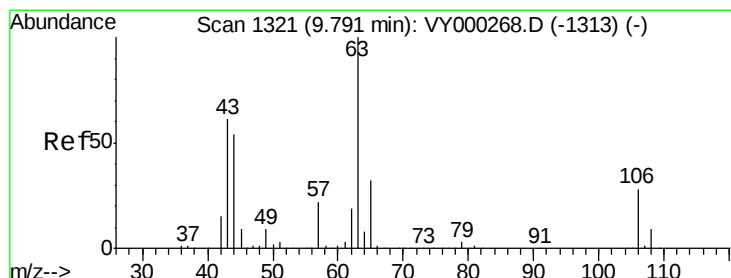
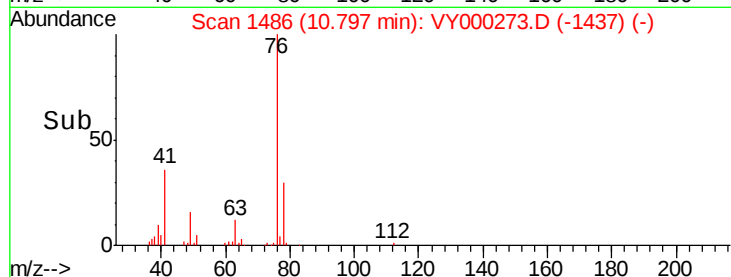
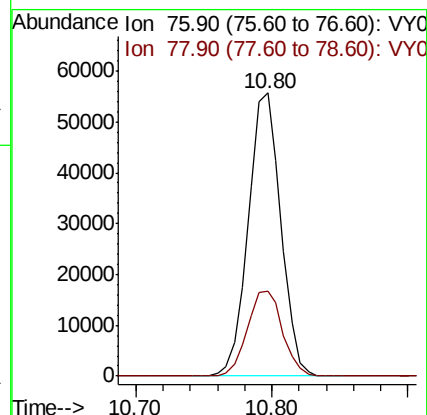
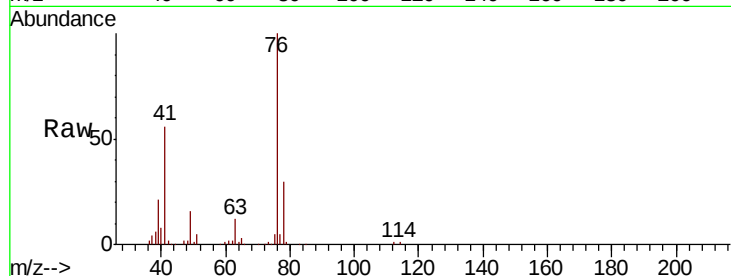
ClientSampled :

Tot Ion: 76 Resp: 93049

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 105.000 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VY000273.D

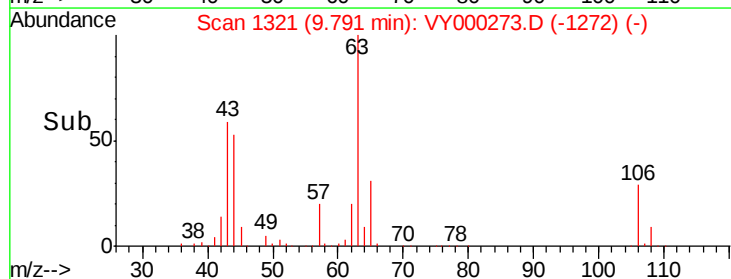
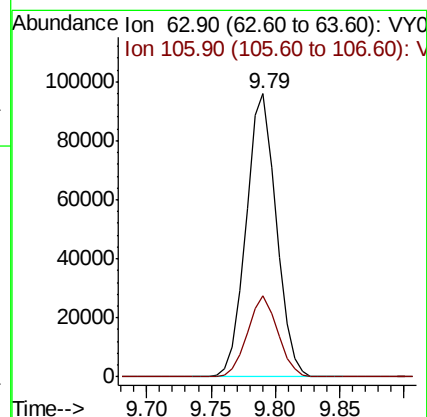
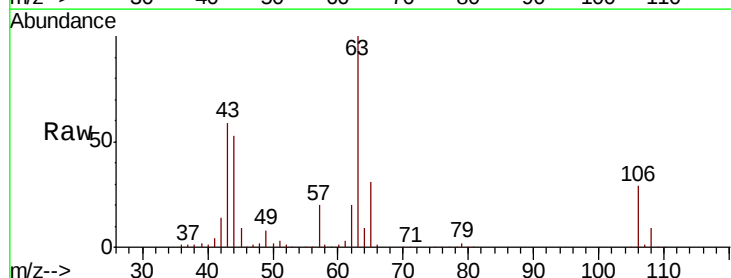
Acq: 11 Oct 2019 16:16

Tgt Ion: 63 Resp: 154261

Ion Ratio Lower Upper

63 100

106 28.7 23.0 34.4

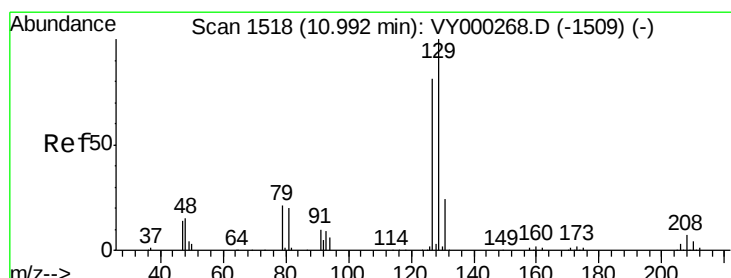
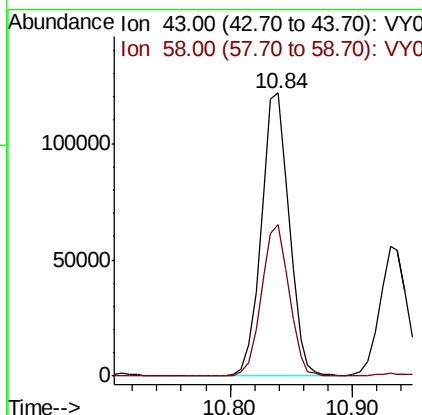
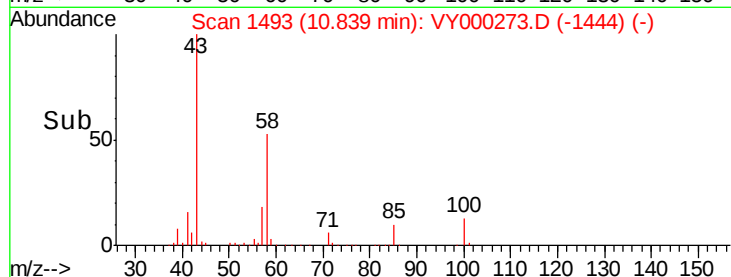
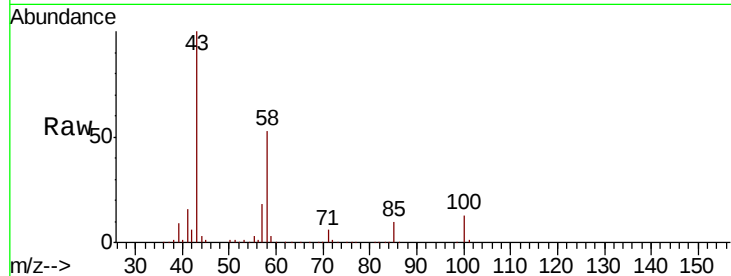




#59
2-Hexanone
Concen: 106.048 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY000273.D
Acq: 11 Oct 2019 16:16

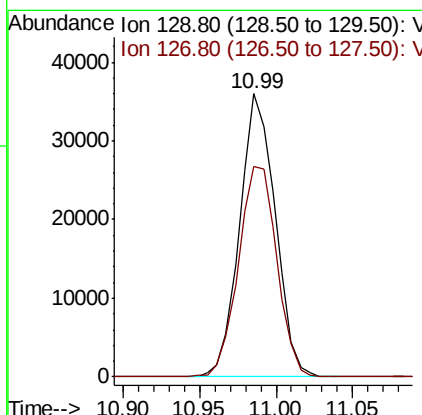
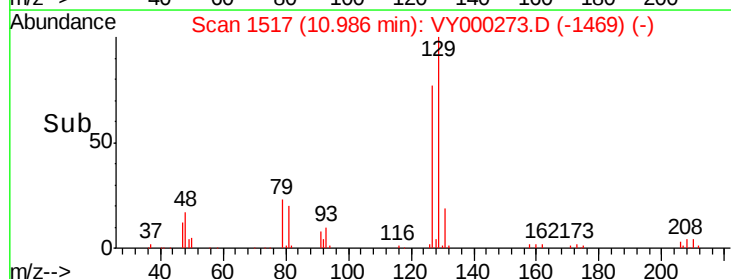
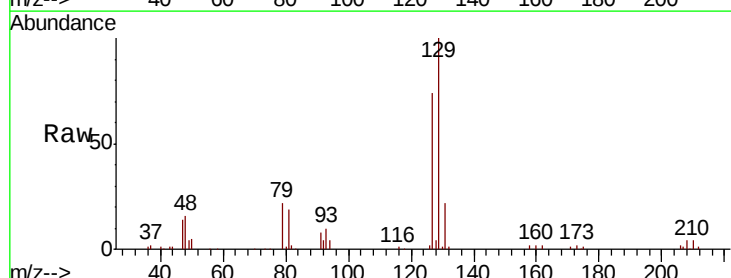
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 193777
Ion Ratio Lower Upper
43 100
58 53.0 27.7 83.1



#60
Dibromochloromethane
Concen: 20.305 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY000273.D
Acq: 11 Oct 2019 16:16

Tgt Ion:129 Resp: 58157
Ion Ratio Lower Upper
129 100
127 80.1 39.9 119.7

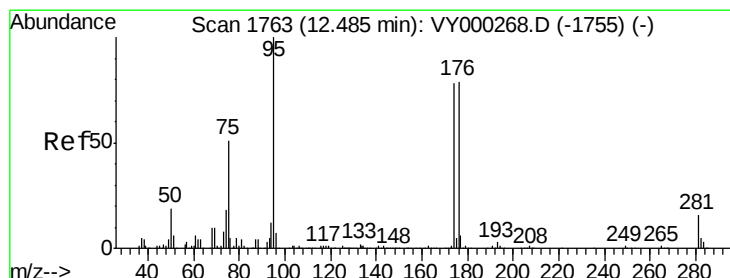
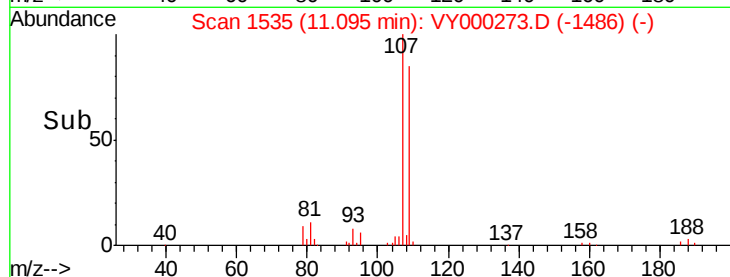
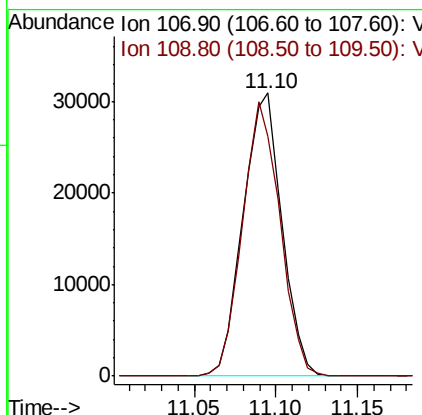
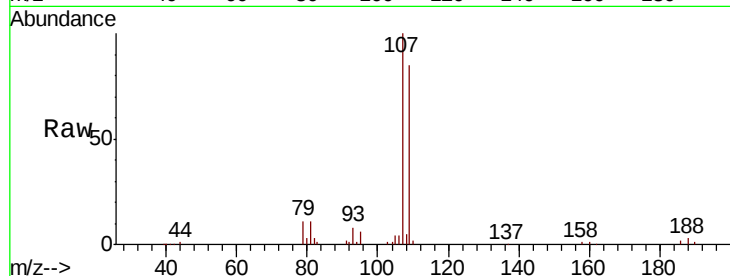




#61
 1,2-Dibromoethane
 Concen: 20.635 ug/l
 RT: 11.10 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VY000273.D
 Acq: 11 Oct 2019 16:16

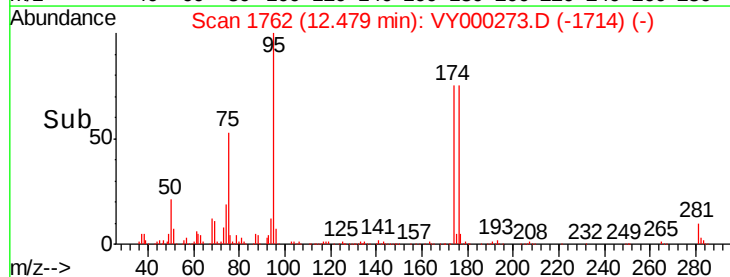
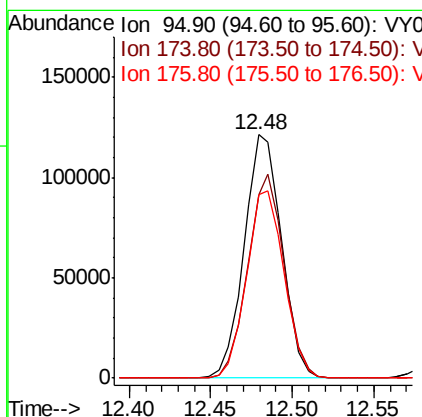
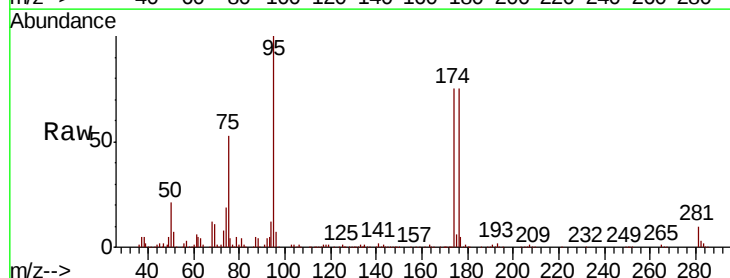
Instrument :
 MSVOA_Y
 ClientSampleId :

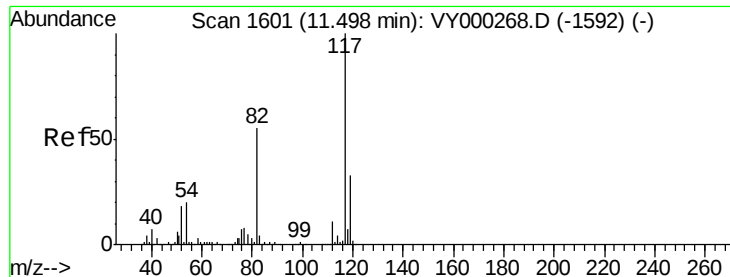
Tot Ion: 107 Resp: 51200
 Ion Ratio Lower Upper
 107 100
 109 94.1 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 47.921 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY000273.D
 Acq: 11 Oct 2019 16:16

Tgt Ion: 95 Resp: 193431
 Ion Ratio Lower Upper
 95 100
 174 81.1 0.0 159.6
 176 77.1 0.0 153.8

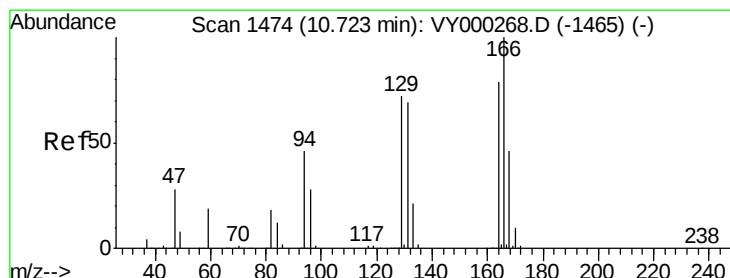
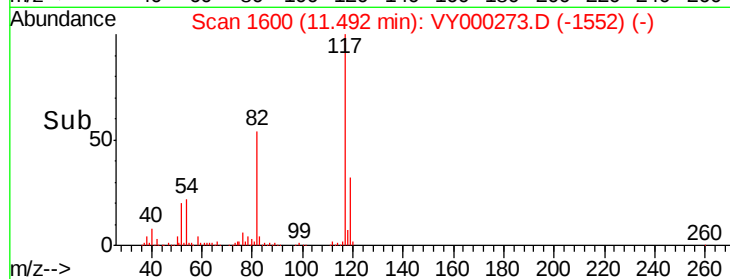
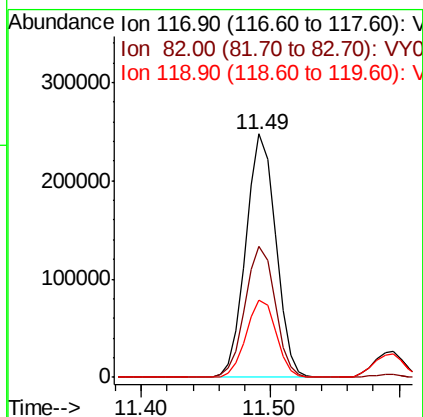
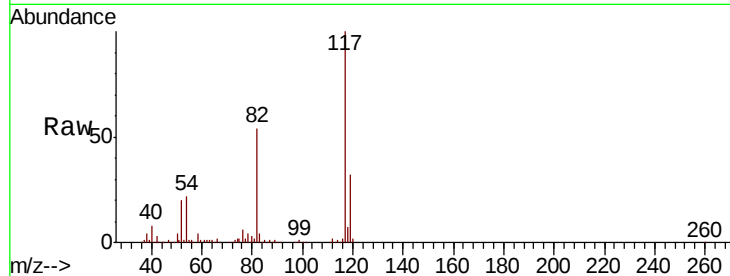




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000273.D
Acq: 11 Oct 2019 16:16

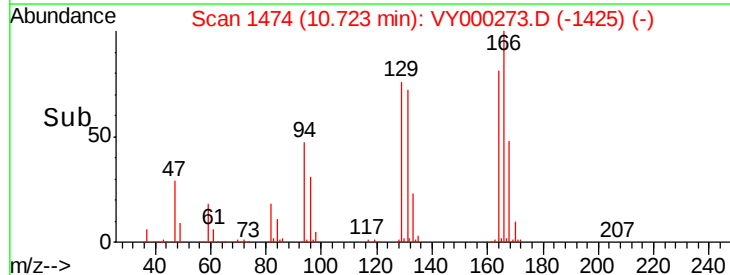
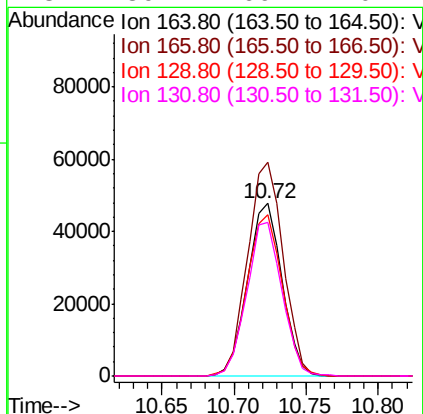
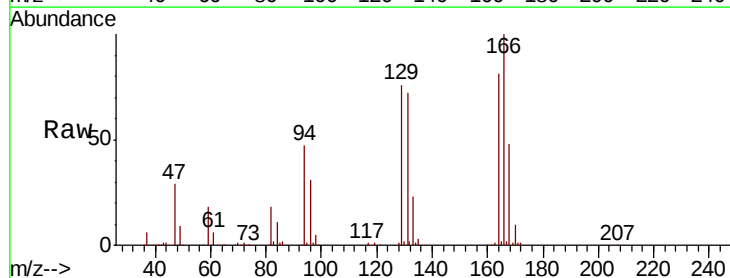
Instrument :
MSVOA_Y
ClientSampleId :

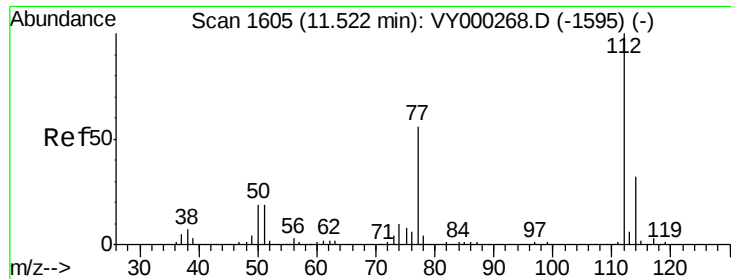
Tot Ion:117 Resp: 396146
Ion Ratio Lower Upper
117 100
82 54.0 43.7 65.5
119 31.9 26.6 39.8



#64
Tetrachloroethene
Concen: 21.002 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY000273.D
Acq: 11 Oct 2019 16:16

Tgt Ion:164 Resp: 79206
Ion Ratio Lower Upper
164 100
166 123.7 100.6 151.0
129 93.7 72.8 109.2
131 89.2 69.4 104.2

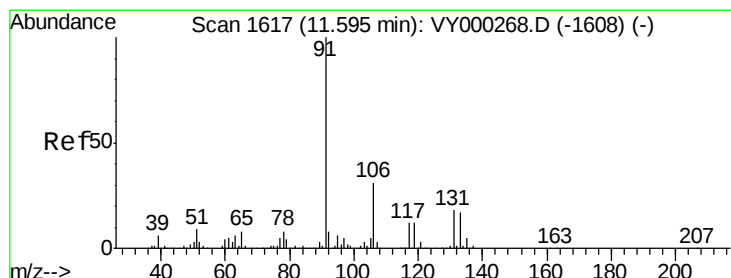
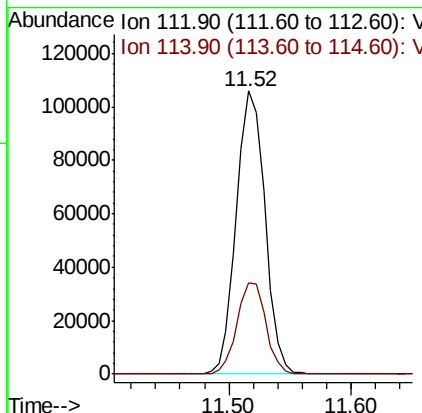
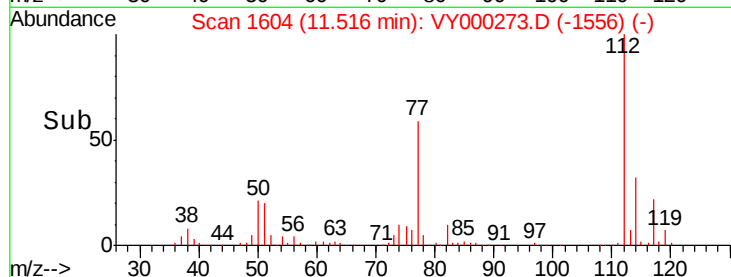
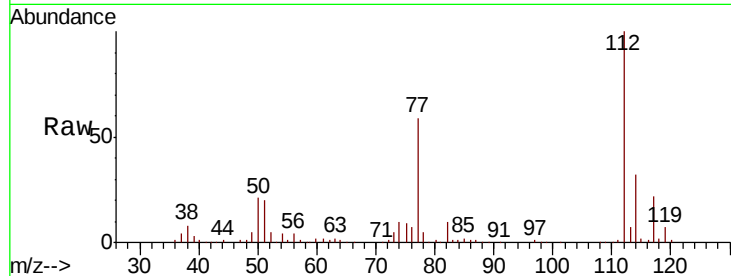




#65
Chlorobenzene
Concen: 20.575 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY000273.D
Acq: 11 Oct 2019 16:16

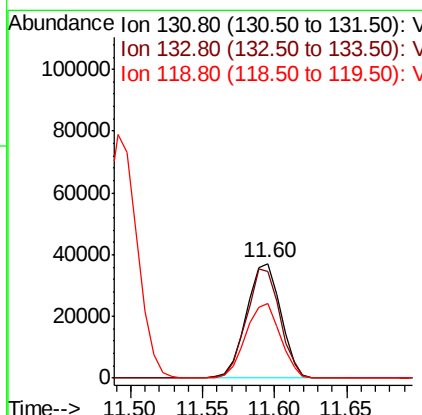
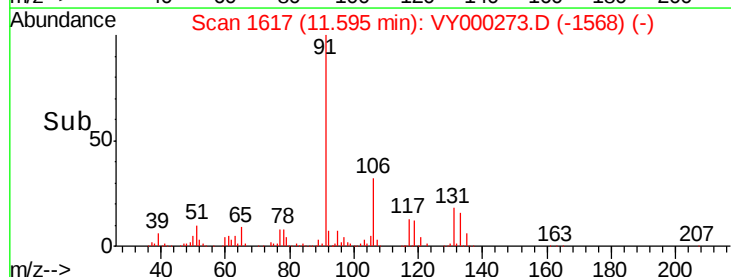
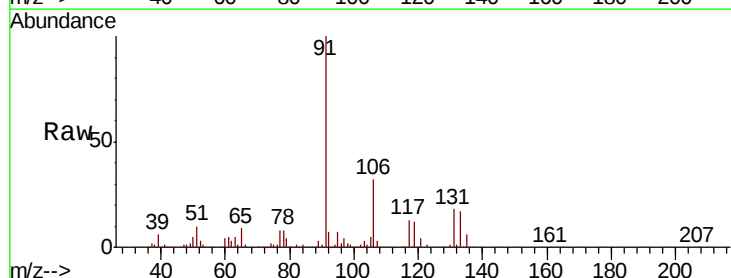
Instrument :
MSVOA_Y
ClientSampled :

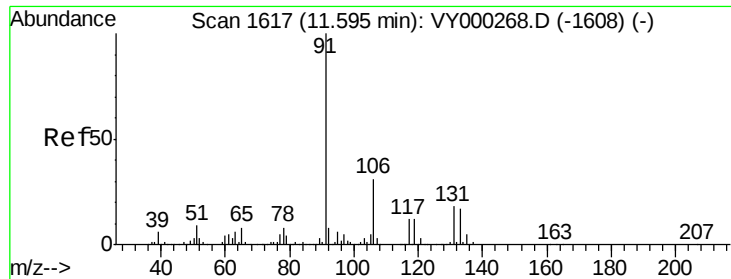
Tot Ion:112 Resp: 172019
Ion Ratio Lower Upper
112 100
114 32.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.780 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY000273.D
Acq: 11 Oct 2019 16:16

Tgt Ion:131 Resp: 61029
Ion Ratio Lower Upper
131 100
133 93.9 47.2 141.6
119 65.7 32.6 98.0

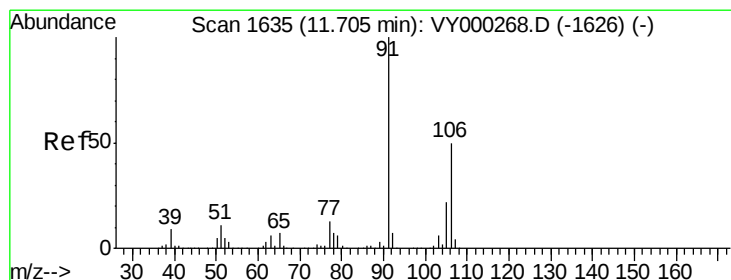
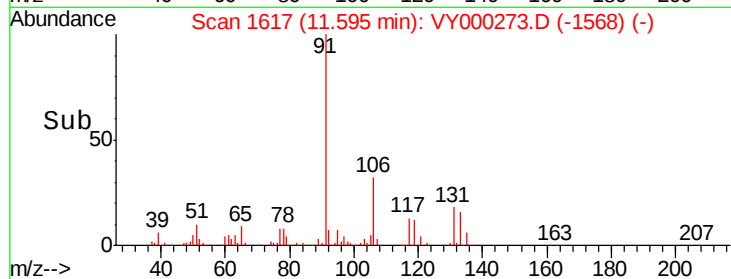
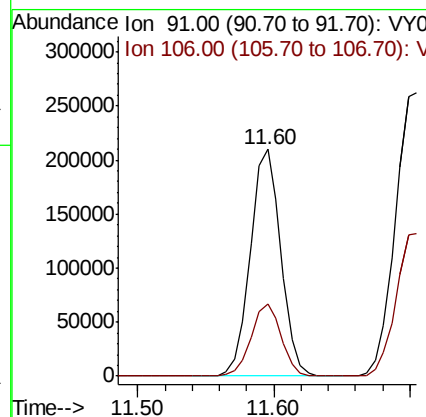
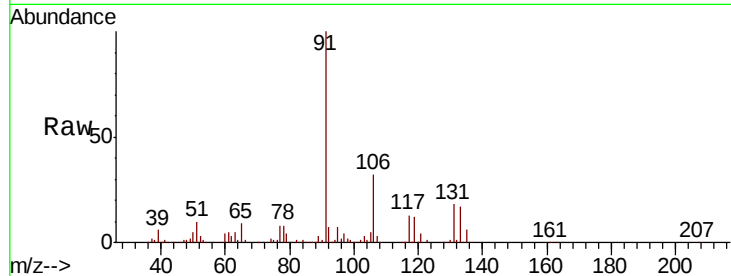




#67
Ethyl Benzene
Concen: 21.215 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY000273.D
Acq: 11 Oct 2019 16:16

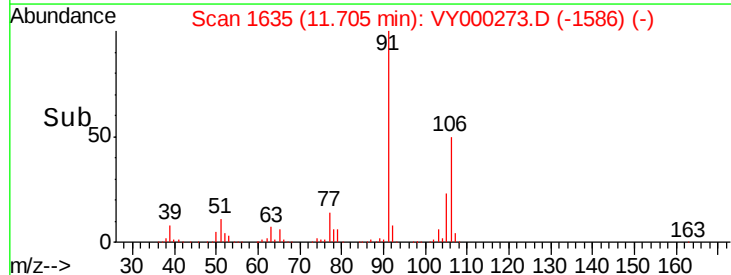
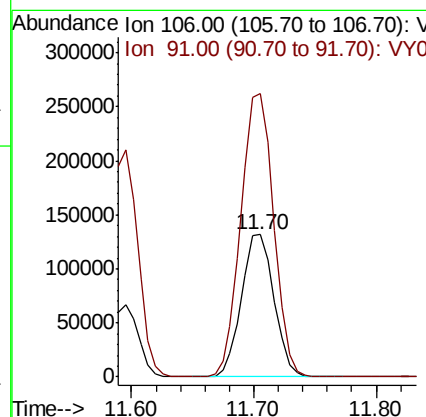
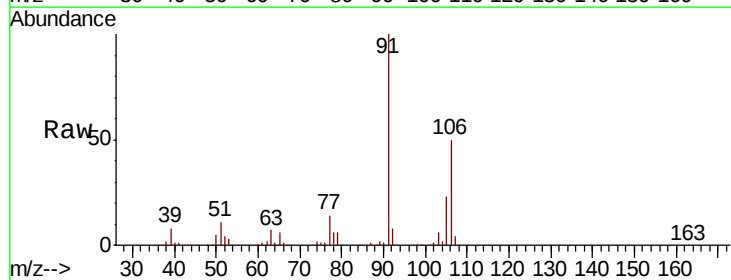
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 91 Resp: 328800
Ion Ratio Lower Upper
91 100
106 32.1 25.0 37.6



#68
m/p-Xylenes
Concen: 41.002 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VY000273.D
Acq: 11 Oct 2019 16:16

Tgt Ion: 106 Resp: 242928
Ion Ratio Lower Upper
106 100
91 200.6 157.5 236.3

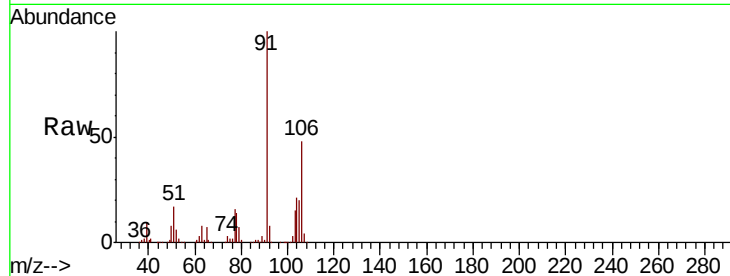




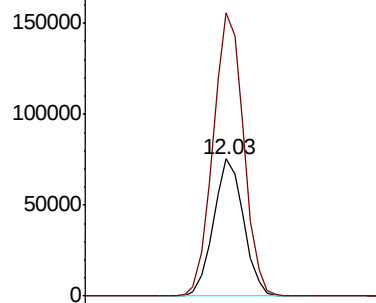
#69
o-Xylene
Concen: 20.606 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY000273.D
Acq: 11 Oct 2019 16:16

Instrument :
MSVOA_Y
ClientSampleId :

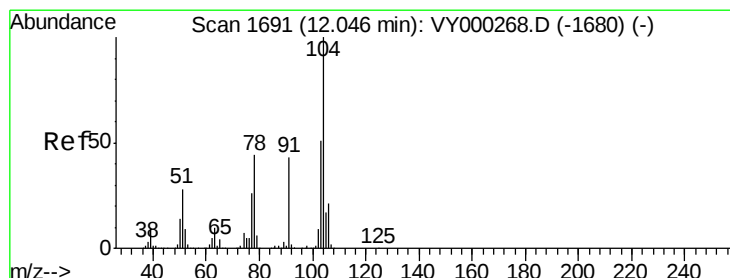
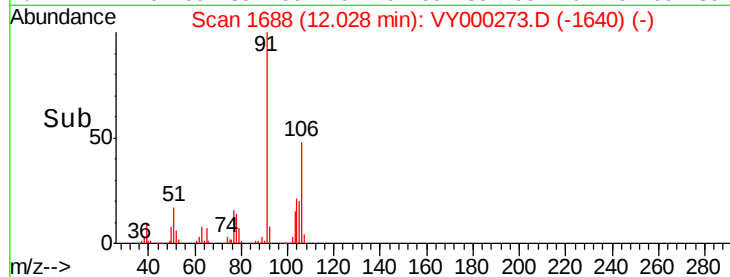
Tot Ion:106 Resp: 116469
Ion Ratio Lower Upper
106 100
91 209.4 104.7 313.9



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

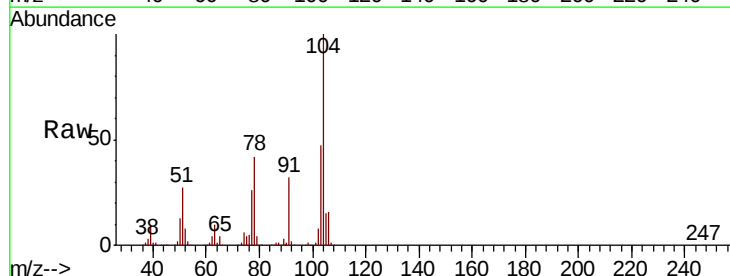


Time-->

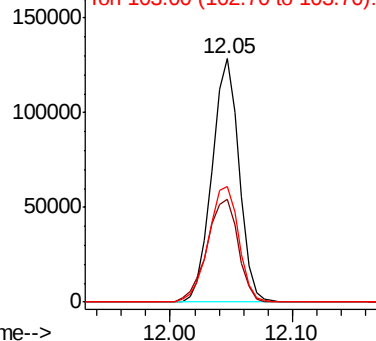


#70
Styrene
Concen: 20.701 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY000273.D
Acq: 11 Oct 2019 16:16

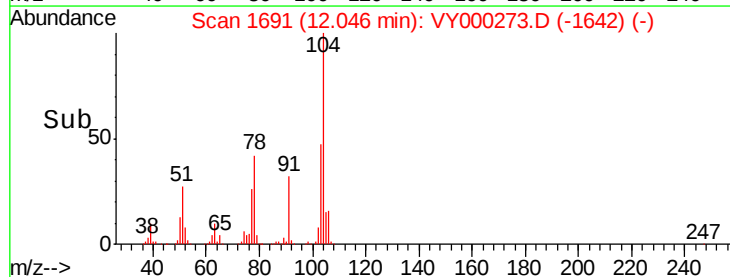
Tgt Ion:104 Resp: 197328
Ion Ratio Lower Upper
104 100
78 48.5 39.0 58.6
103 53.1 43.1 64.7

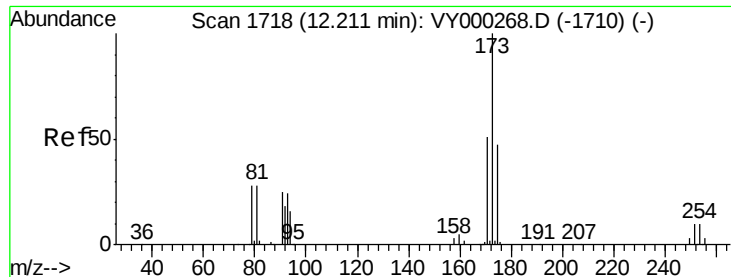


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V



Time-->

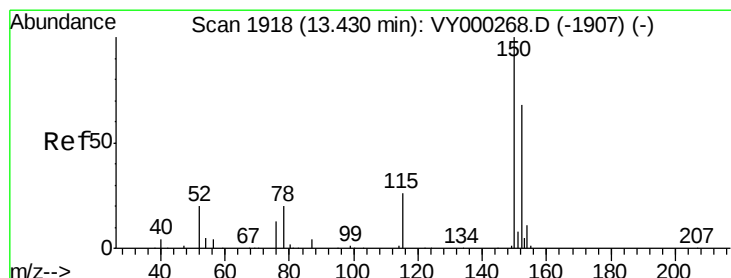
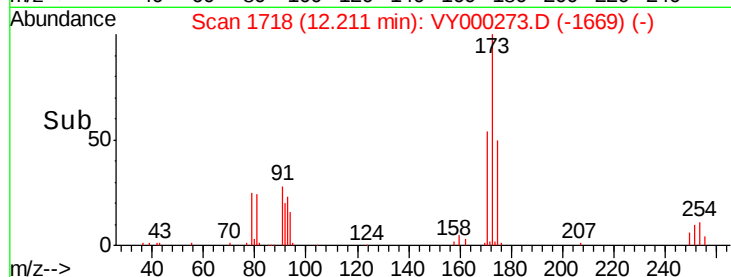
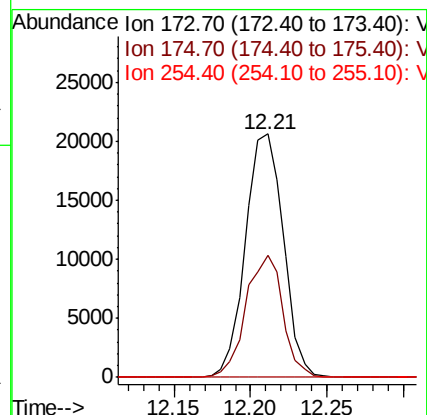
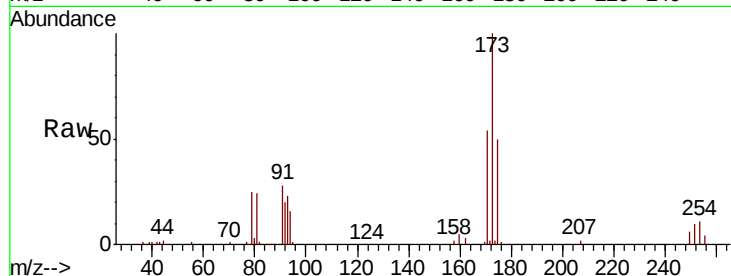




#71
Bromoform
Concen: 21.030 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. -0.00 min
Lab File: VY000273.D
Acq: 11 Oct 2019 16:16

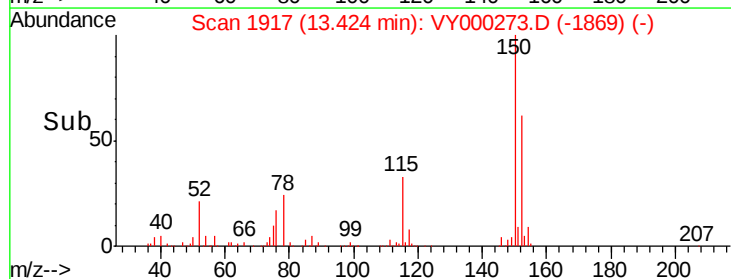
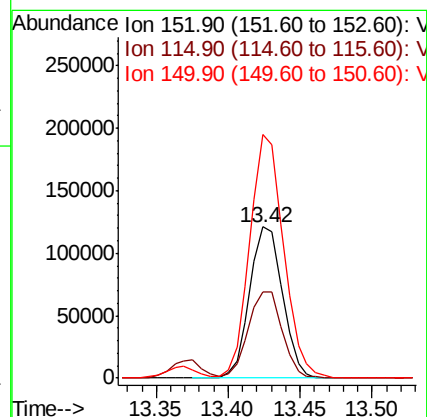
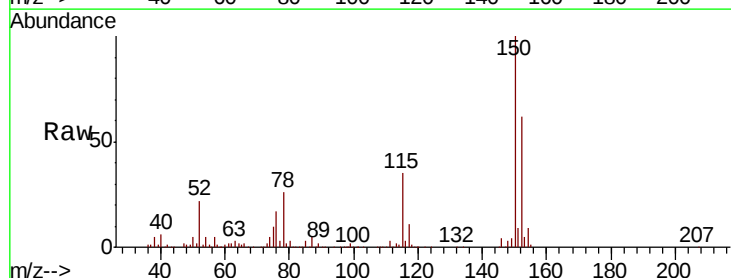
Instrument :
MSVOA_Y
ClientSampled :

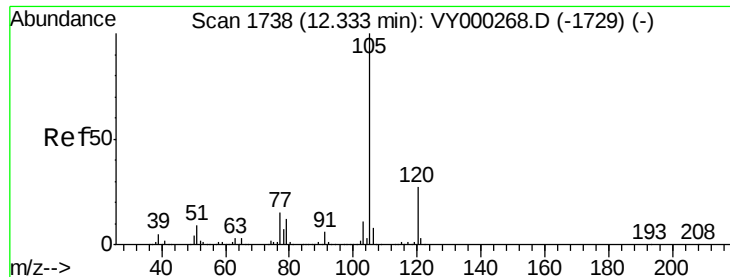
Tot Ion:173 Resp: 35504
Ion Ratio Lower Upper
173 100
175 48.8 24.6 73.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000273.D
Acq: 11 Oct 2019 16:16

Tgt Ion:152 Resp: 191092
Ion Ratio Lower Upper
152 100
115 58.8 29.3 88.0
150 165.2 0.0 348.4





#73

Isopropylbenzene

Concen: 21.472 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VY000273.D

Acq: 11 Oct 2019 16:16

Instrument :

MSVOA_Y

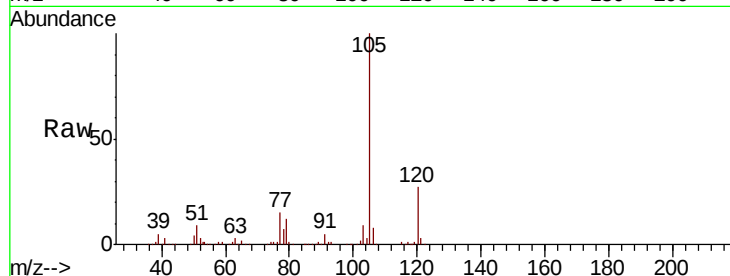
ClientSampleId :

Tot Ion:105 Resp: 319931

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

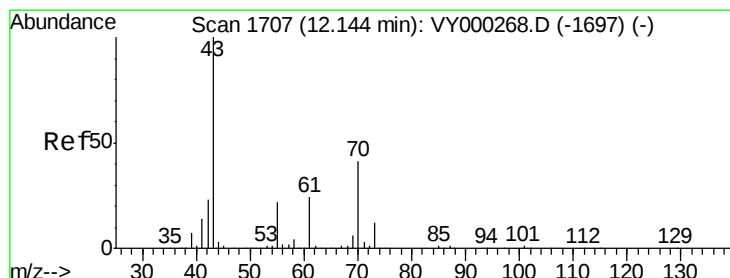
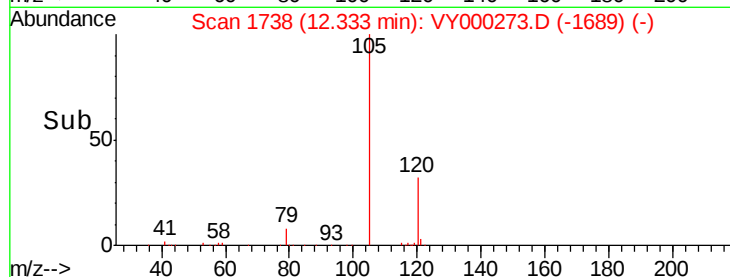
50000

0

12.33

12.40

Time-->



#74

N-ethyl acetate

Concen: 22.247 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000273.D

Acq: 11 Oct 2019 16:16

Tgt Ion: 43 Resp: 81379

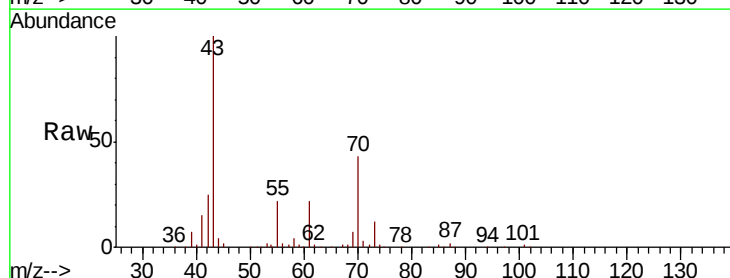
Ion Ratio Lower Upper

43 100

70 40.7 32.9 49.3

55 21.1 17.8 26.6

61 23.6 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

80000

60000

40000

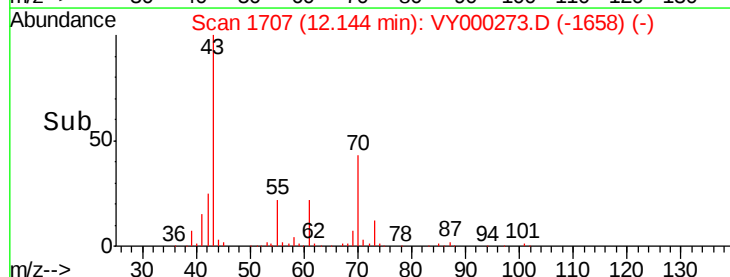
20000

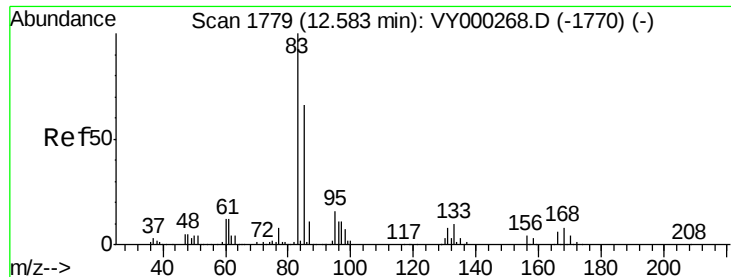
0

12.14

12.20

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.674 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000273.D

Acq: 11 Oct 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

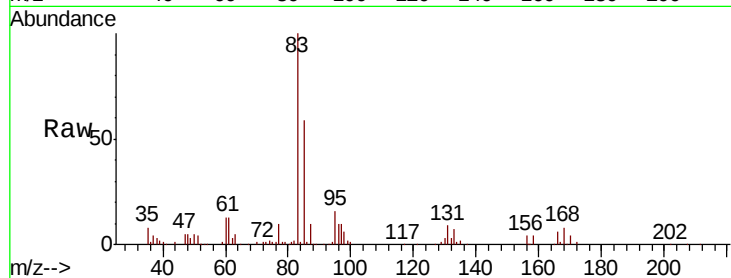
Tot Ion: 83 Resp: 57837

Ion Ratio Lower Upper

83 100

131 10.1 5.3 16.1

85 63.9 32.9 98.7

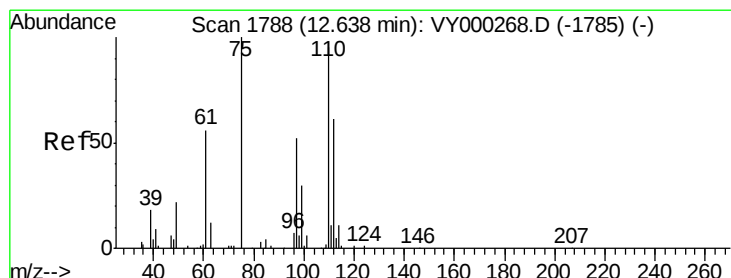
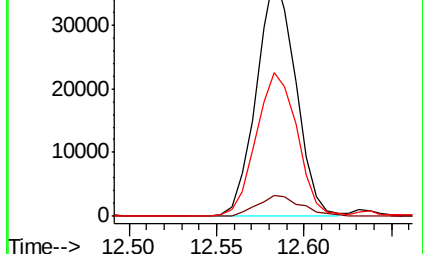
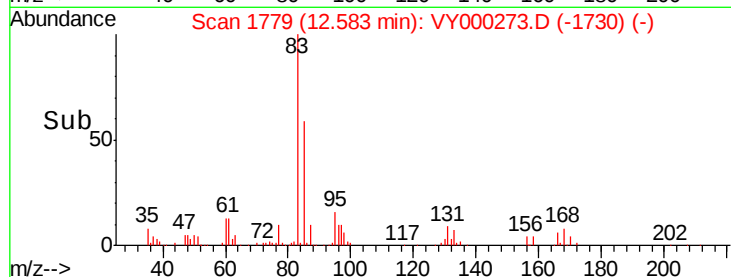


Abundance Ion 82.90 (82.60 to 83.60): VY000273.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY000273.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY000273.D (-1730) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 36.781 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VY000273.D

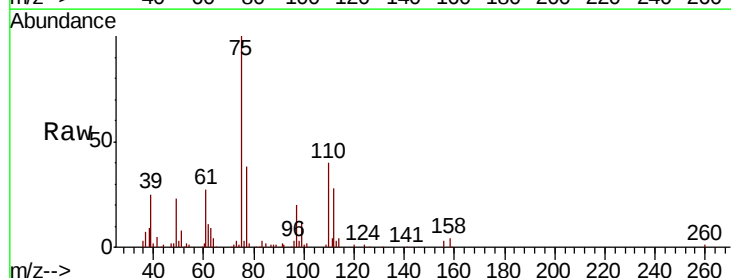
Acq: 11 Oct 2019 16:16

Tgt Ion: 75 Resp: 86427

Ion Ratio Lower Upper

75 100

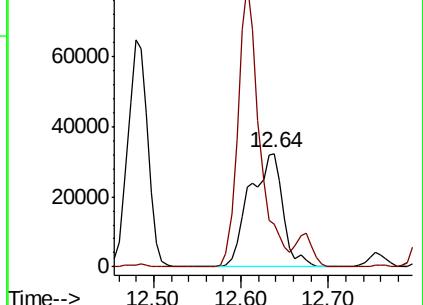
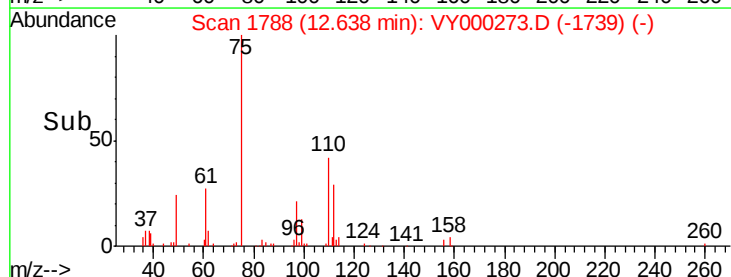
77 0.0 0.0 0.0

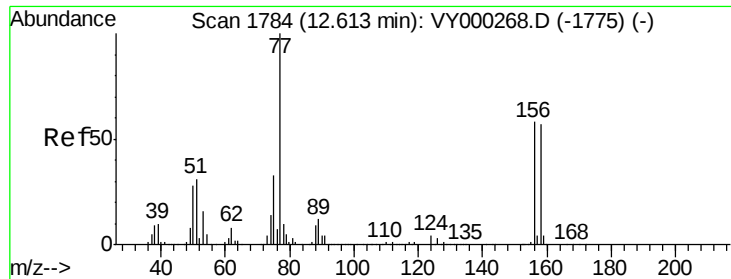


Abundance Ion 74.90 (74.60 to 75.60): VY000273.D (-1739) (-)

Ion 77.00 (76.70 to 77.70): VY000273.D (-1739) (-)

Time-->





#77

Bromobenzene

Concen: 21.485 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY000273.D

Acq: 11 Oct 2019 16:16

Instrument :

MSVOA_Y

ClientSampled :

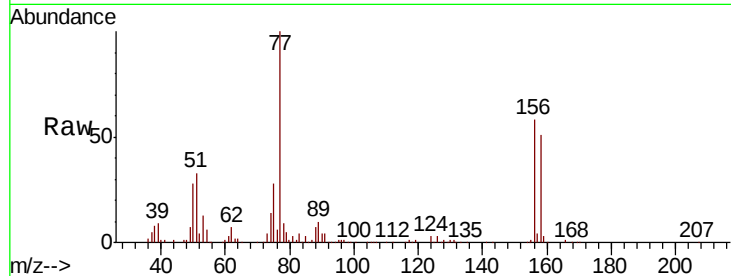
Tot Ion:156 Resp: 71236

Ion Ratio Lower Upper

156 100

77 196.0 101.0 302.9

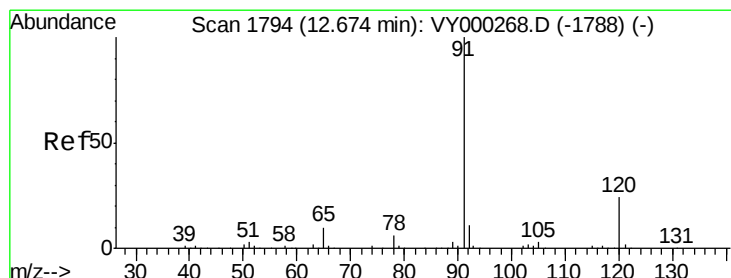
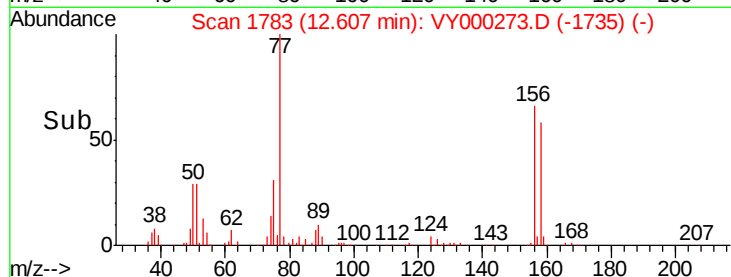
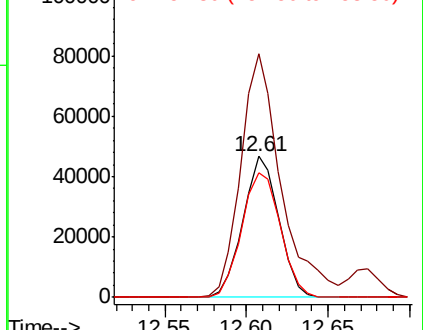
158 95.6 49.7 149.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.841 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY000273.D

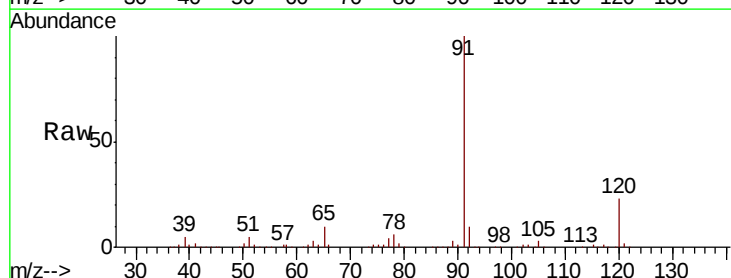
Acq: 11 Oct 2019 16:16

Tgt Ion: 91 Resp: 372844

Ion Ratio Lower Upper

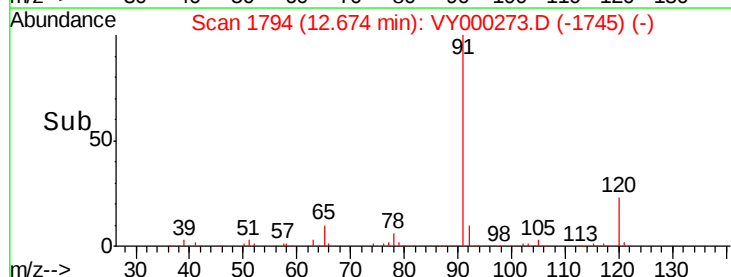
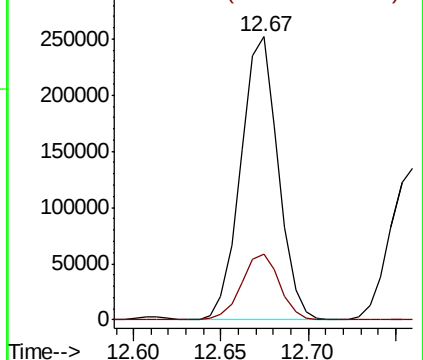
91 100

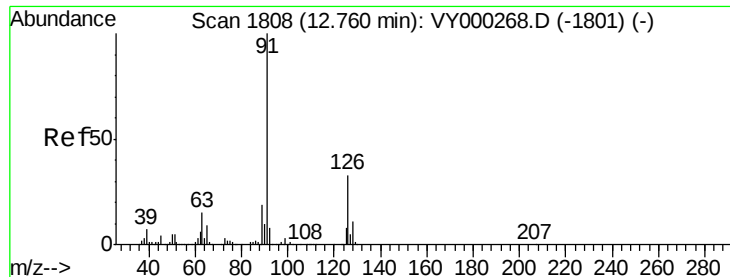
120 23.6 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

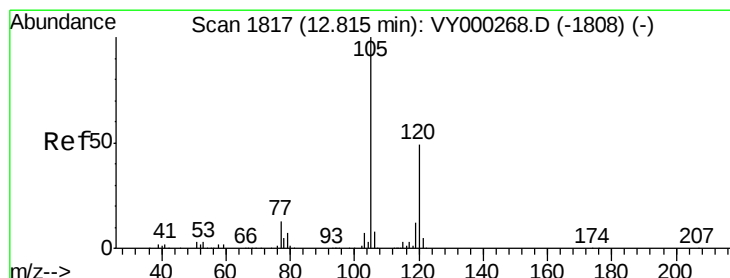
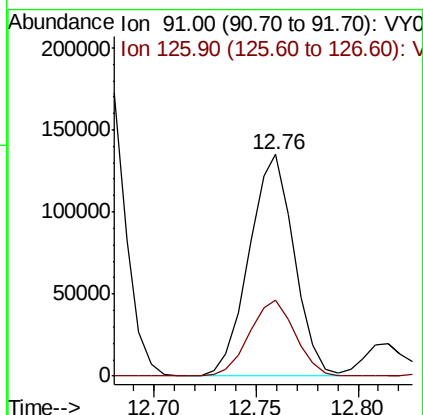
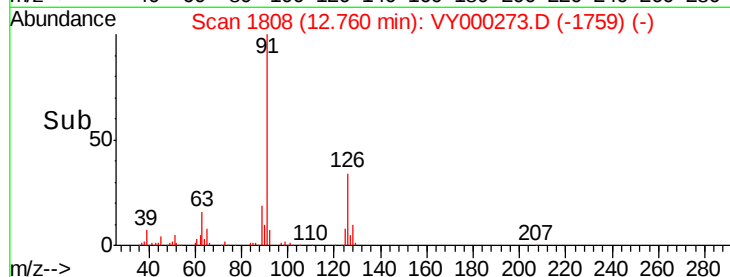
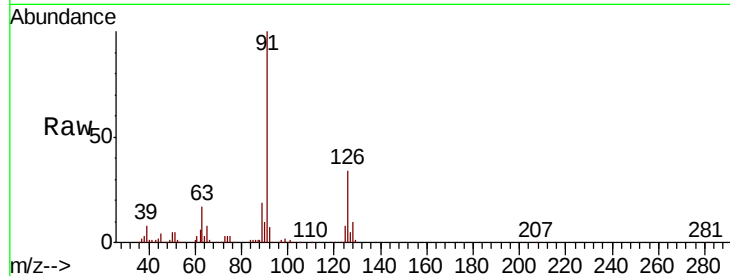




#79
2-Chlorotoluene
Concen: 20.977 ug/l
RT: 12.76 min Scan# 1808
Delta R.T. -0.00 min
Lab File: VY000273.D
Acq: 11 Oct 2019 16:16

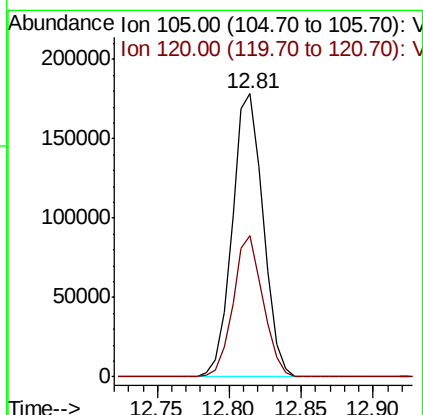
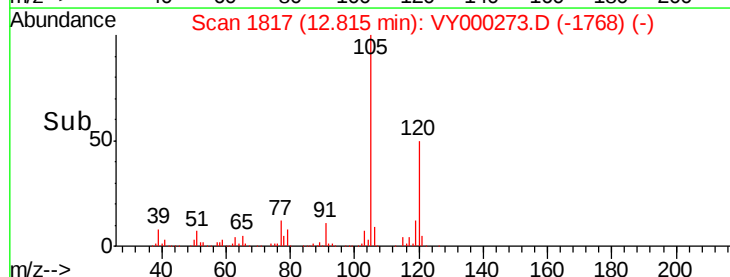
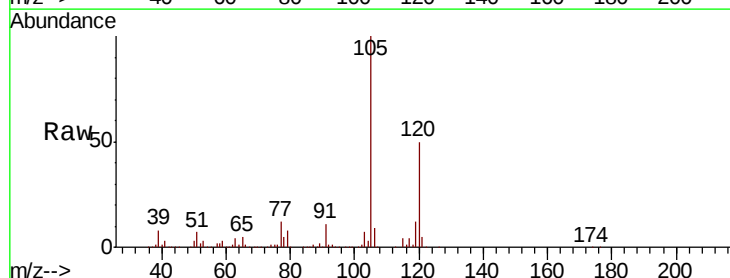
Instrument :
MSVOA_Y
ClientSampleId :

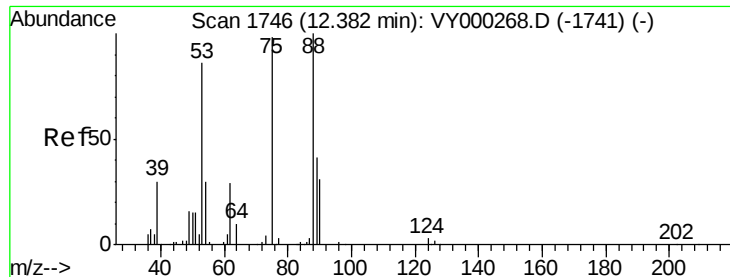
Tot Ion: 91 Resp: 207248
Ion Ratio Lower Upper
91 100
126 34.7 17.1 51.3



#80
1,3,5-Trimethylbenzene
Concen: 21.323 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. -0.00 min
Lab File: VY000273.D
Acq: 11 Oct 2019 16:16

Tgt Ion: 105 Resp: 266418
Ion Ratio Lower Upper
105 100
120 48.3 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 21.189 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.00 min

Lab File: VY000273.D

Acq: 11 Oct 2019 16:16

Instrument :

MSVOA_Y

ClientSampleId :

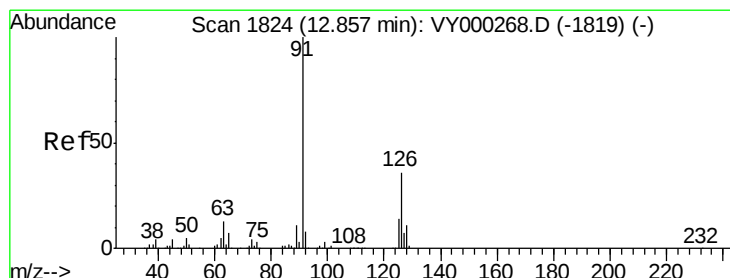
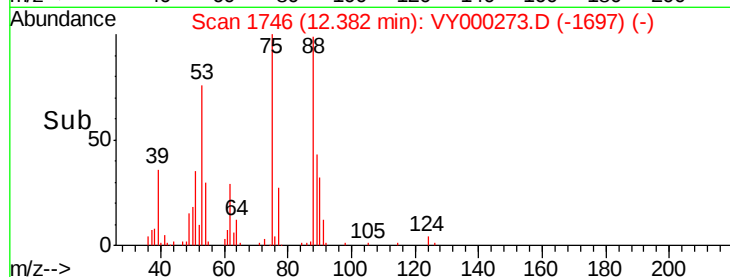
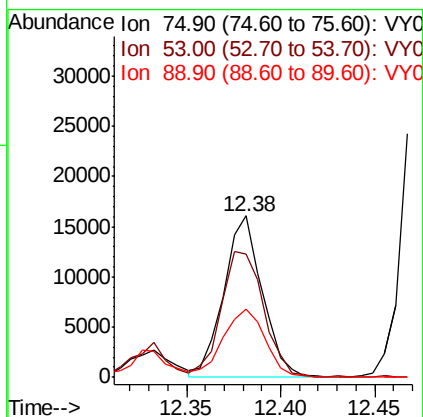
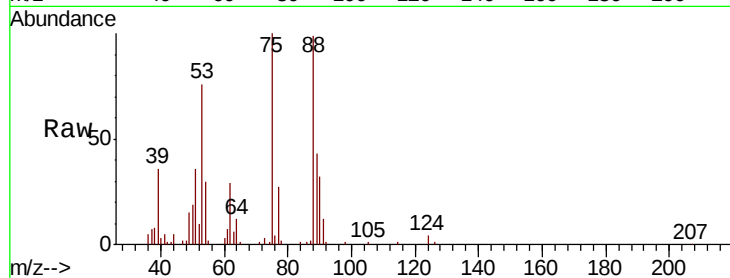
Tot Ion: 75 Resp: 22756

Ion Ratio Lower Upper

75 100

53 86.5 71.3 106.9

89 46.5 35.1 52.7



#82

4-Chlorotoluene

Concen: 21.391 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VY000273.D

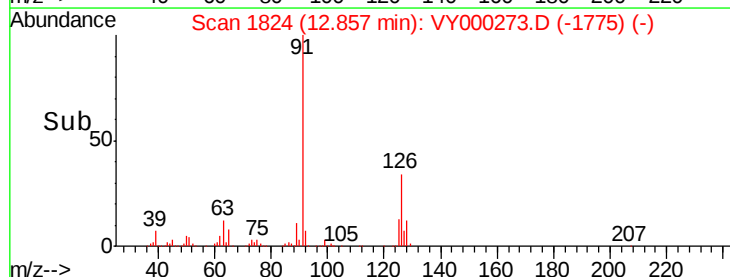
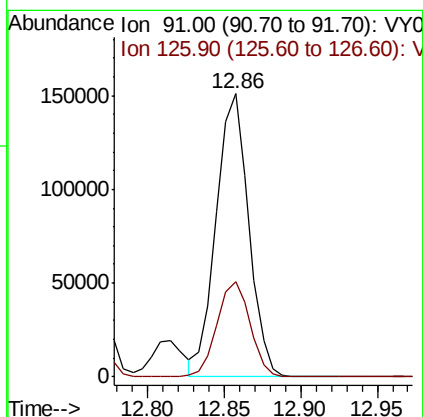
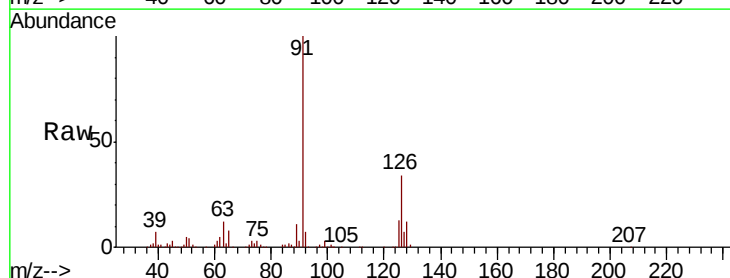
Acq: 11 Oct 2019 16:16

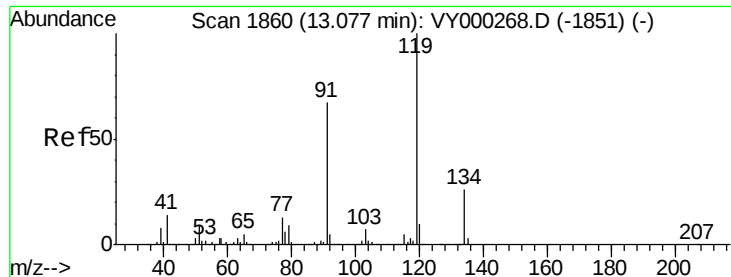
Tgt Ion: 91 Resp: 223400

Ion Ratio Lower Upper

91 100

126 33.9 17.2 51.5

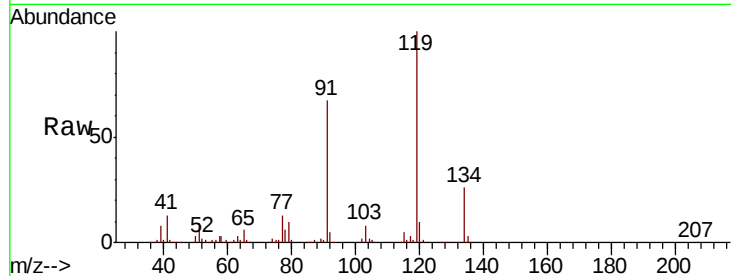




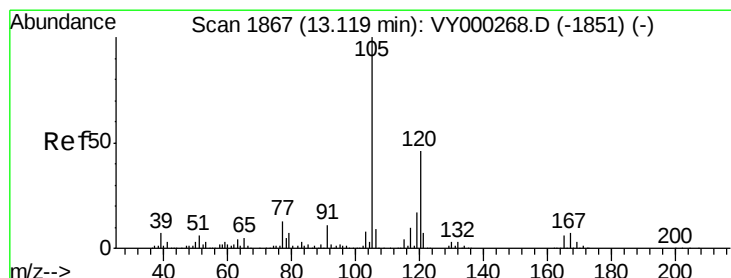
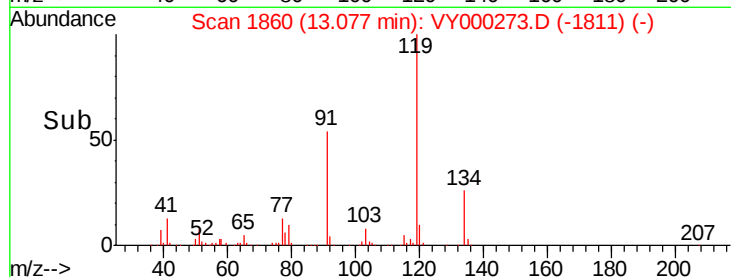
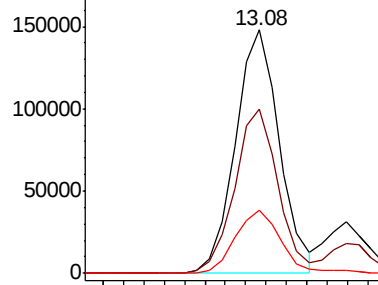
#83
tert-Butylbenzene
Concen: 20.974 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VY000273.D
Acq: 11 Oct 2019 16:16

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:119 Resp: 221917
Ion Ratio Lower Upper
119 100
91 66.5 32.9 98.7
134 27.3 13.3 39.8

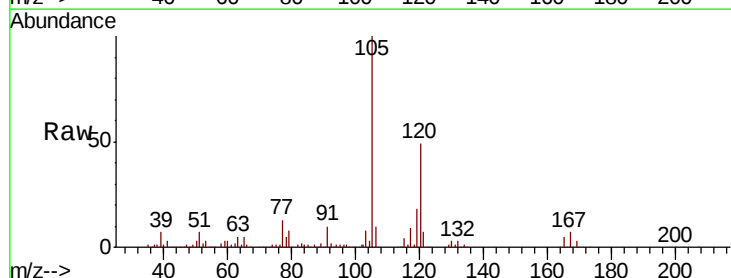


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VY0
Ion 134.00 (133.70 to 134.70): V

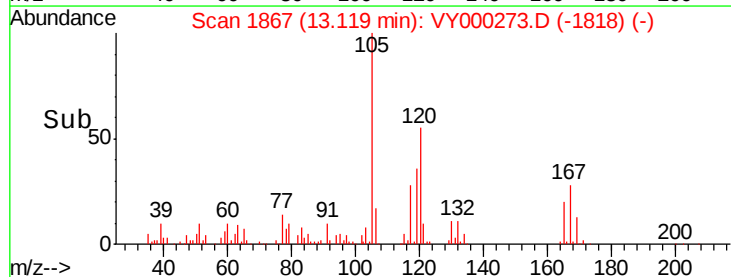
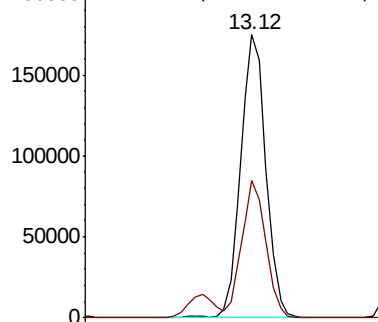


#84
1,2,4-Trimethylbenzene
Concen: 21.331 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY000273.D
Acq: 11 Oct 2019 16:16

Tgt Ion:105 Resp: 263032
Ion Ratio Lower Upper
105 100
120 46.3 22.9 68.8



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





#85

sec-Butylbenzene

Concen: 20.875 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000273.D

Acq: 11 Oct 2019 16:16

Instrument :

MSVOA_Y

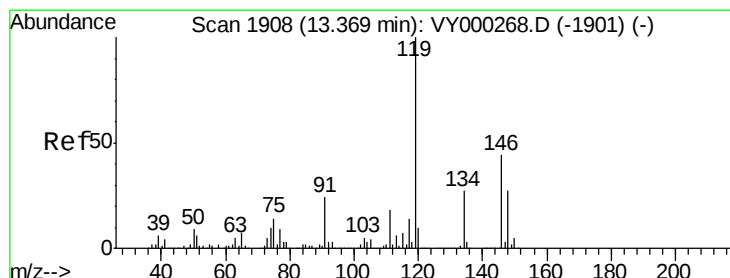
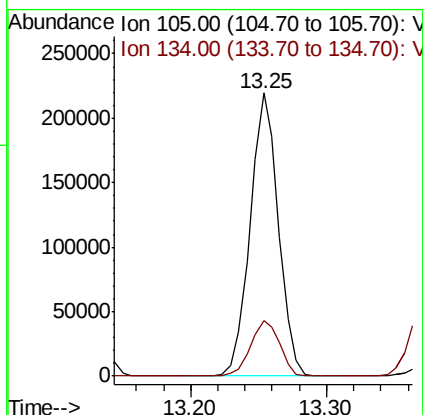
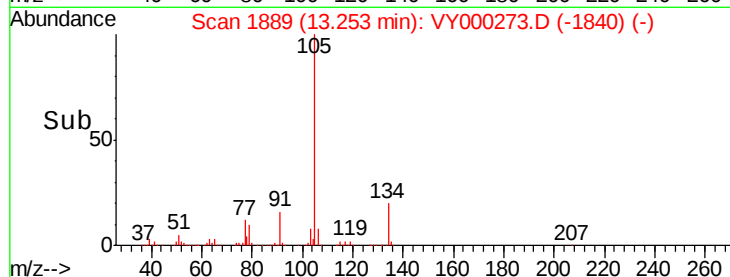
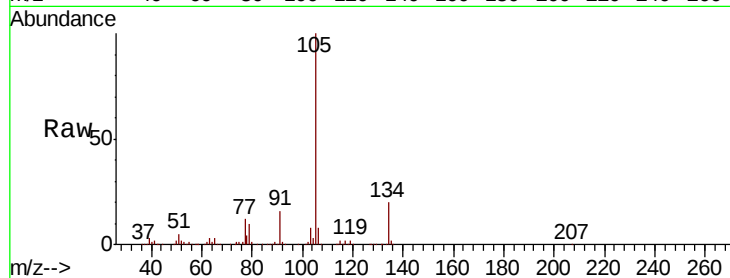
ClientSampleId :

Tot Ion:105 Resp: 319515

Ion Ratio Lower Upper

105 100

134 20.1 10.1 30.1



#86

p-Isopropyltoluene

Concen: 21.216 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000273.D

Acq: 11 Oct 2019 16:16

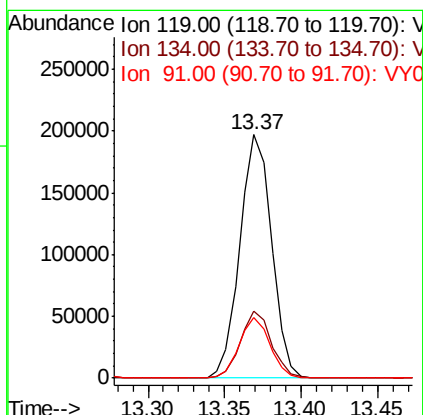
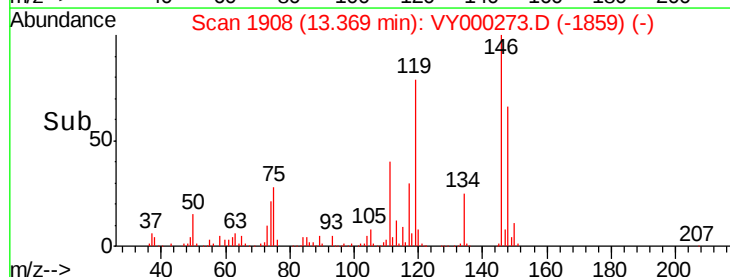
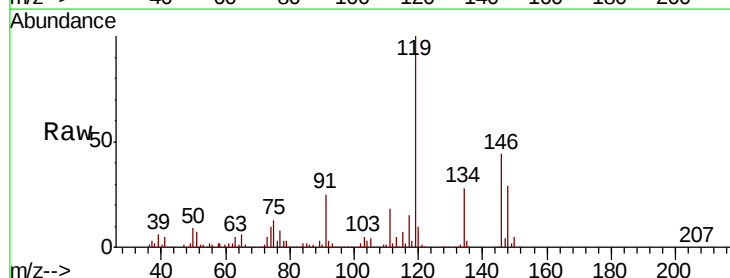
Tgt Ion:119 Resp: 283103

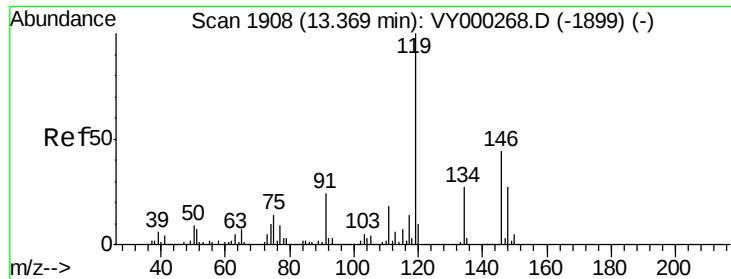
Ion Ratio Lower Upper

119 100

134 27.0 13.6 40.8

91 24.3 12.0 36.1

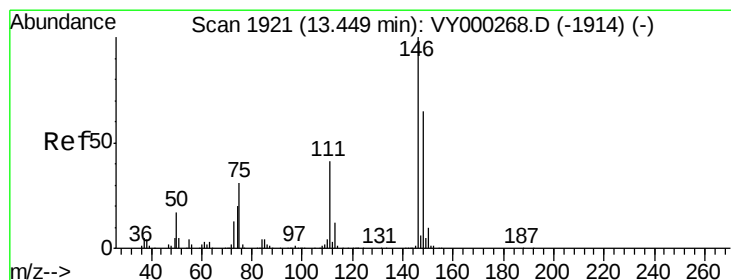
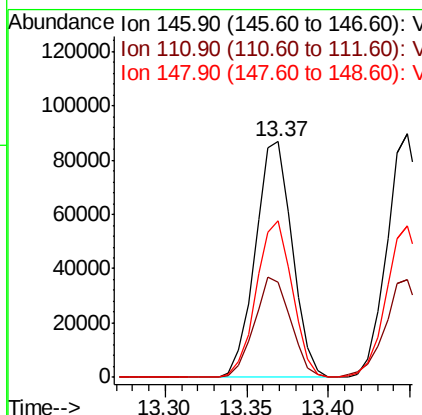
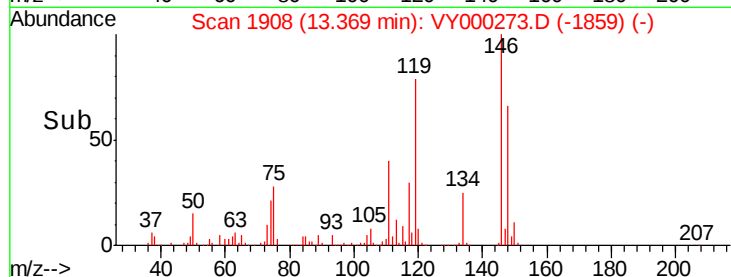
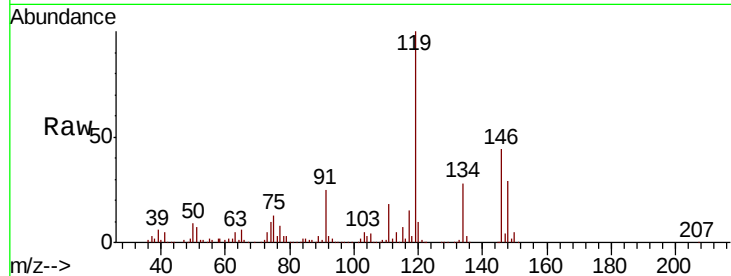




#87
 1,3-Dichlorobenzene
 Concen: 20.869 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY000273.D
 Acq: 11 Oct 2019 16:16

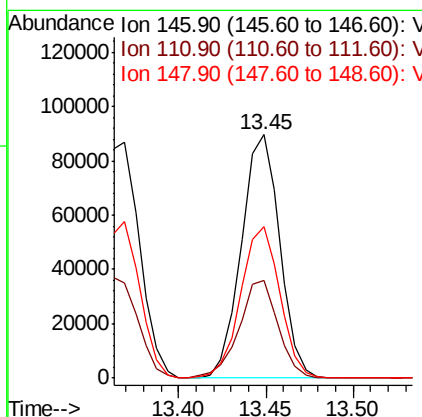
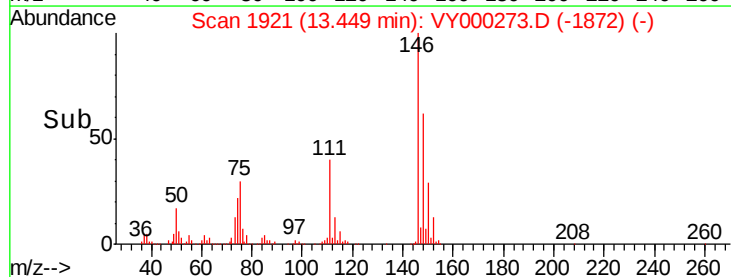
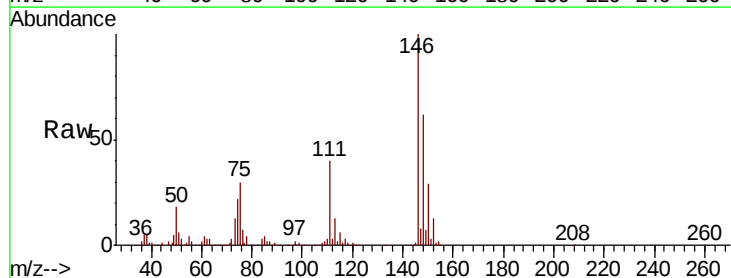
Instrument :
 MSVOA_Y
 ClientSampleId :

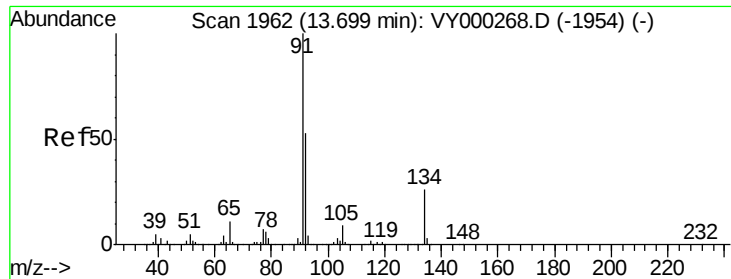
Tot Ion:146 Resp: 136329
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.6 61.8
 148 64.8 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 21.038 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: VY000273.D
 Acq: 11 Oct 2019 16:16

Tgt Ion:146 Resp: 137371
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.1 60.2
 148 63.8 32.4 97.2

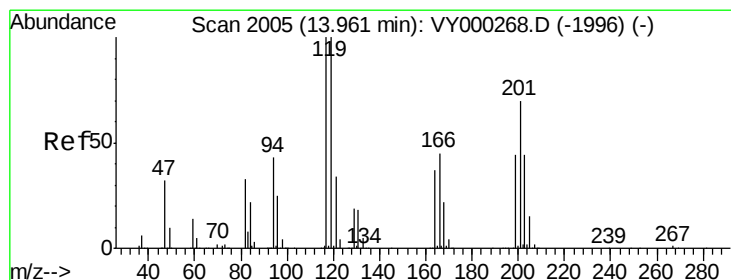
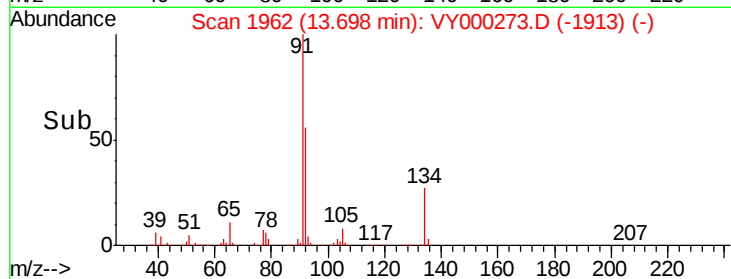
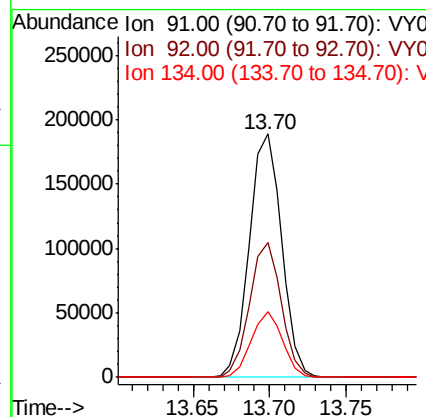
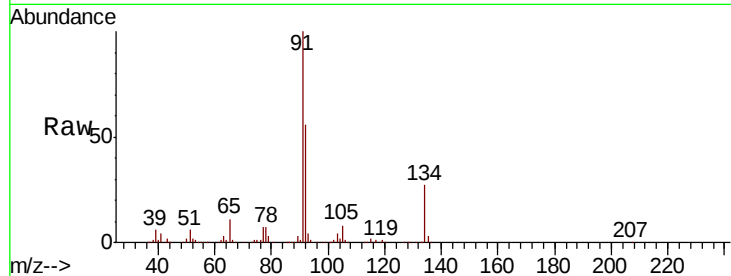




#89
n-Butylbenzene
Concen: 21.021 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VY000273.D
Acq: 11 Oct 2019 16:16

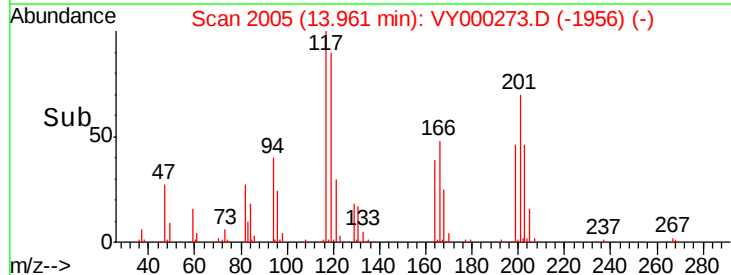
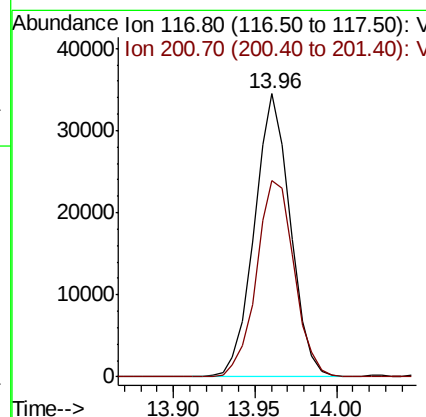
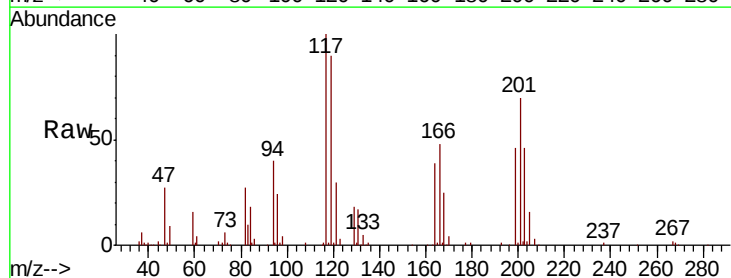
Instrument :
MSVOA_Y
ClientSampleId :

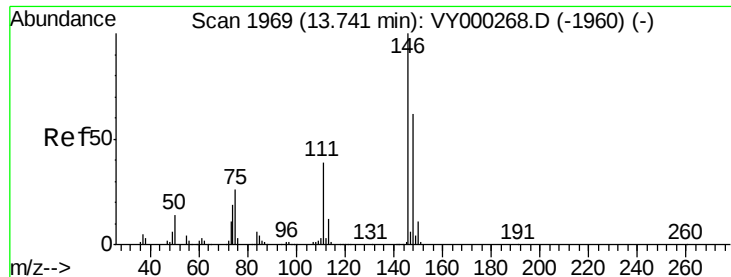
Tot Ion: 91 Resp: 277203
Ion Ratio Lower Upper
91 100
92 54.5 26.7 80.1
134 26.2 13.0 38.9



#90
Hexachloroethane
Concen: 21.322 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000273.D
Acq: 11 Oct 2019 16:16

Tgt Ion: 117 Resp: 52685
Ion Ratio Lower Upper
117 100
201 73.3 36.3 108.7





#91

1,2-Dichlorobenzene

Concen: 21.688 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY000273.D

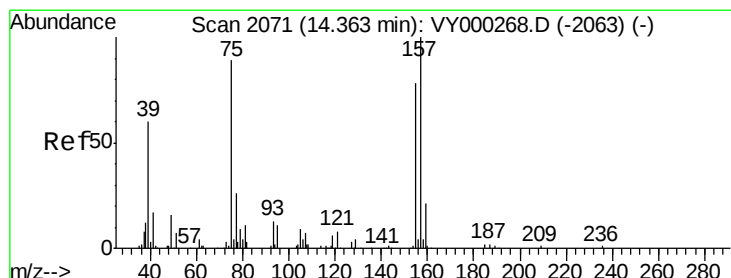
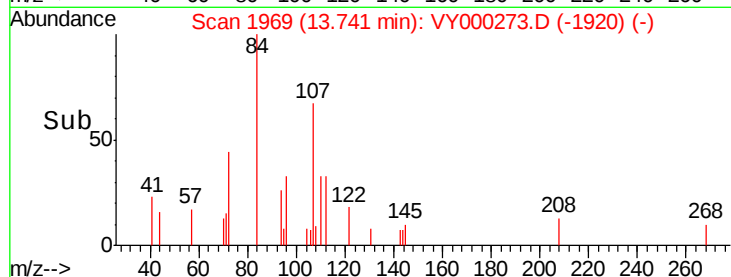
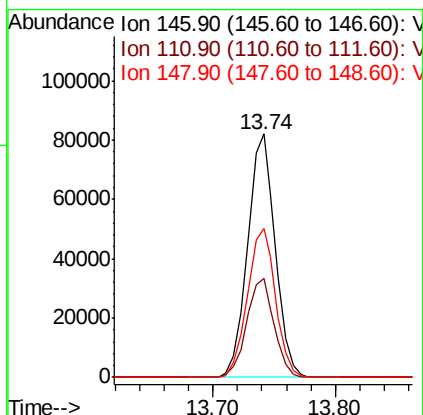
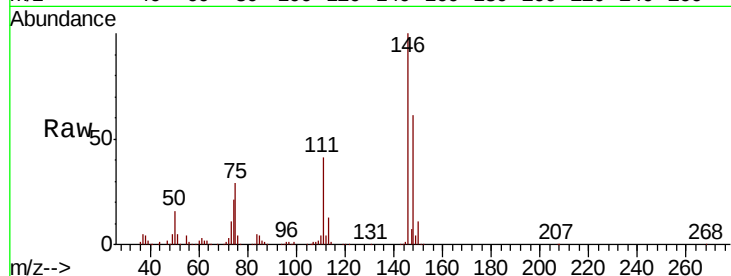
Acq: 11 Oct 2019 16:16

Instrument :

MSVOA_Y

ClientSampled :

Tot Ion:	146	Resp:	128220
Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.5	61.5
148	62.4	31.6	95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.452 ug/l

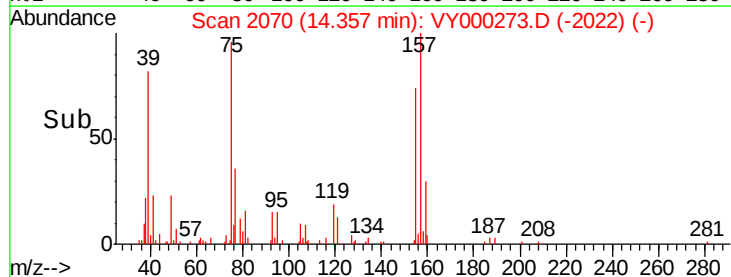
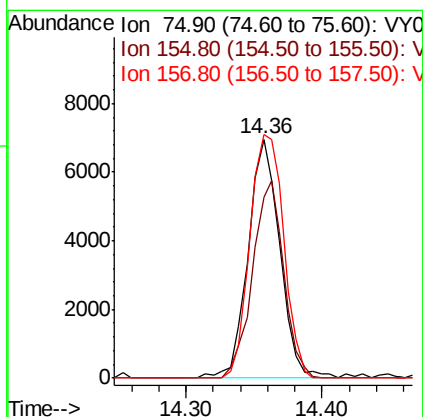
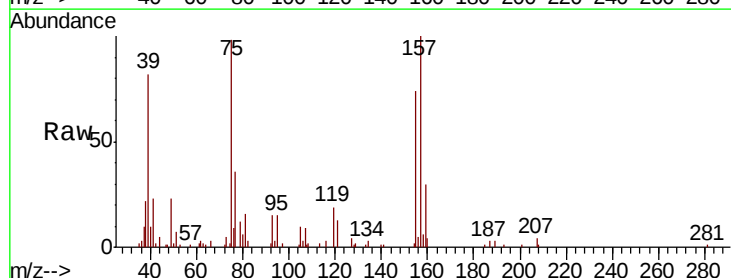
RT: 14.36 min Scan# 2070

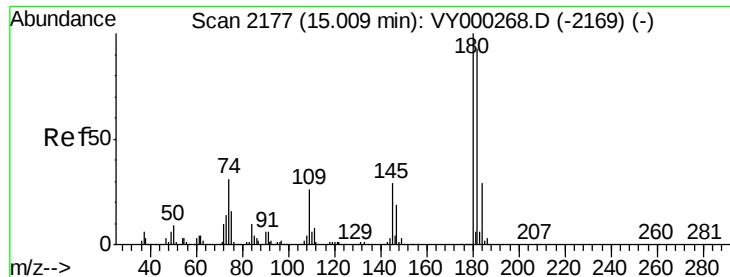
Delta R.T. -0.01 min

Lab File: VY000273.D

Acq: 11 Oct 2019 16:16

Tgt Ion:	75	Resp:	11382
Ion	Ratio	Lower	Upper
75	100		
155	81.3	45.8	137.3
157	108.6	55.6	166.9

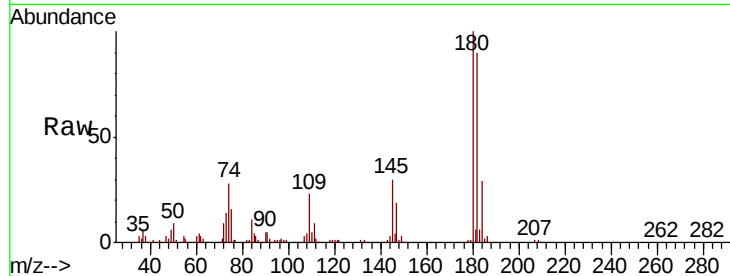




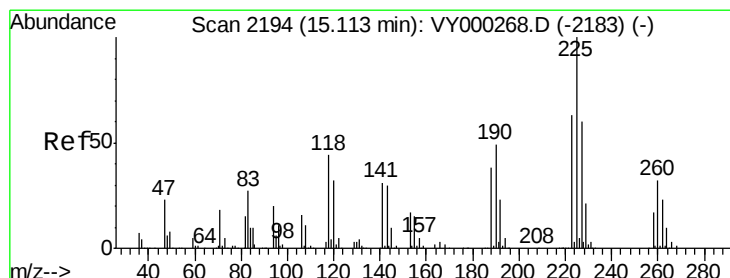
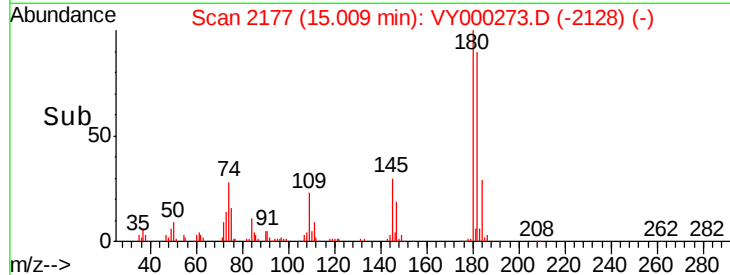
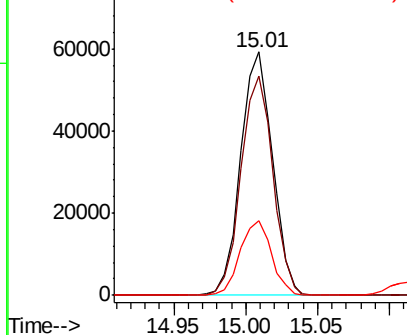
#93
 1,2,4-Trichlorobenzene
 Concen: 22.099 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY000273.D
 Acq: 11 Oct 2019 16:16

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	90.1	47.5	142.6
145	30.2	15.4	46.1

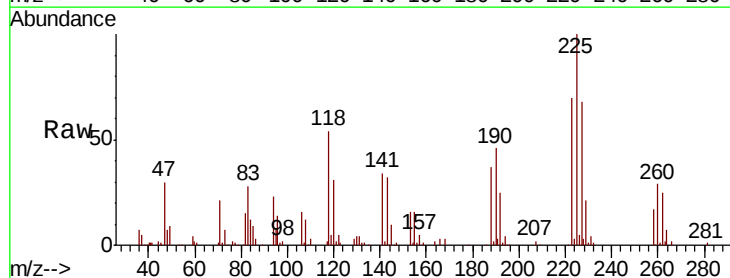


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

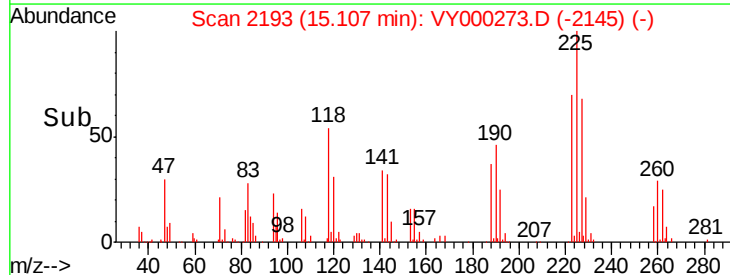
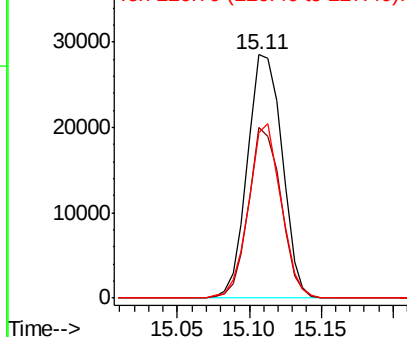


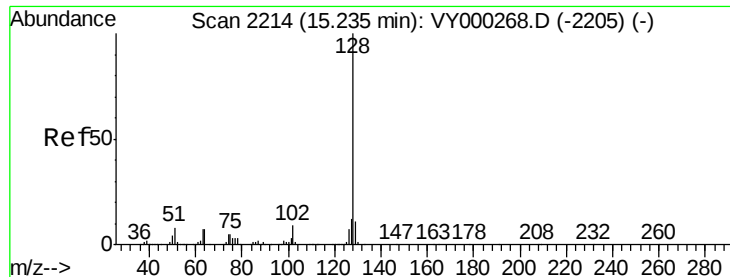
#94
 Hexachlorobutadiene
 Concen: 21.434 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY000273.D
 Acq: 11 Oct 2019 16:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.4	31.9	95.7
227	66.7	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

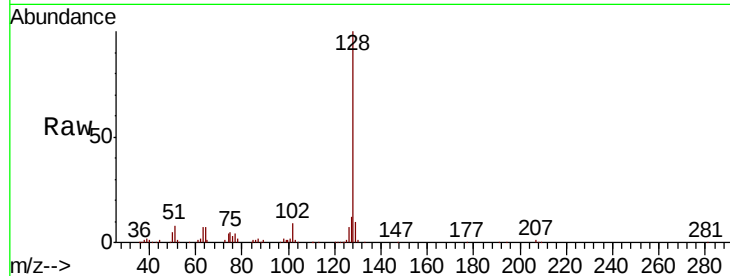




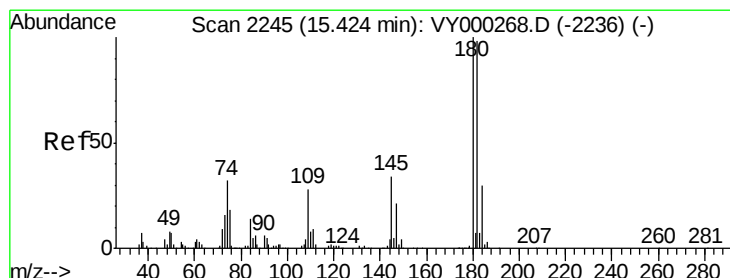
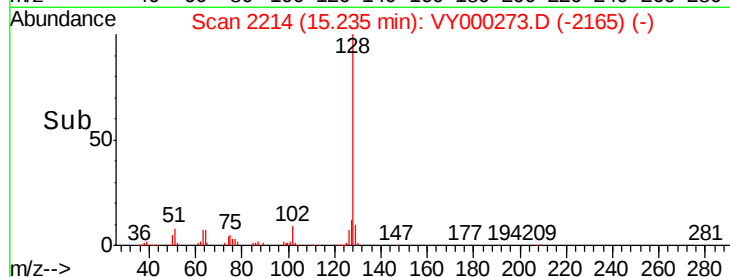
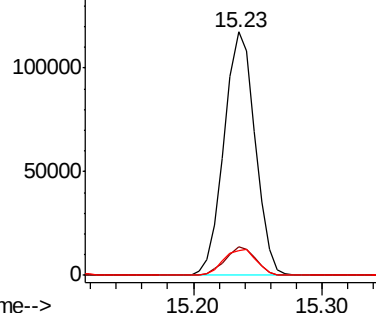
#95
Naphthalene
Concen: 21.293 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000273.D
Acq: 11 Oct 2019 16:16

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 195588
Ion Ratio Lower Upper
128 100
127 11.7 9.6 14.4
129 11.2 8.7 13.1

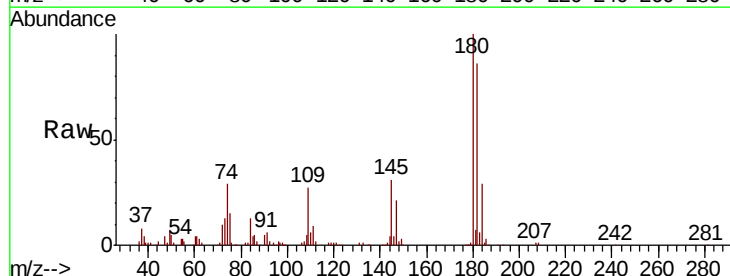


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 21.524 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY000273.D
Acq: 11 Oct 2019 16:16

Tgt Ion:180 Resp: 79846
Ion Ratio Lower Upper
180 100
182 94.7 46.5 139.5
145 32.4 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

