

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101619\
 Data File : VY000324.D
 Acq On : 16 Oct 2019 13:03
 Operator : SY/MD
 Sample : VY1016SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 17 01:34:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 08:10:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	298134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	500074	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	451166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	217844	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	171913	54.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.32%	
35) Dibromofluoromethane	7.73	113	153310	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
50) Toluene-d8	10.18	98	623068	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	
62) 4-Bromofluorobenzene	12.48	95	222083	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.90	85	59894	23.087	ug/l	96
3) Chloromethane	2.12	50	74389	20.419	ug/l	98
4) Vinyl Chloride	2.25	62	79829	21.712	ug/l	100
5) Bromomethane	2.64	94	56474	20.726	ug/l	95
6) Chloroethane	2.79	64	48881	20.605	ug/l	98
7) Trichlorofluoromethane	3.13	101	106063	21.089	ug/l	98
8) Diethyl Ether	3.53	74	38200	21.500	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.91	101	65199	21.376	ug/l	97
10) Methyl Iodide	4.10	142	78919	18.921	ug/l	98
11) Tert butyl alcohol	4.97	59	34497	104.819	ug/l	97
12) 1,1-Dichloroethene	3.88	96	64218	21.327	ug/l	98
13) Acrolein	3.73	56	35617	92.308	ug/l	98
14) Allyl chloride	4.49	41	107070	21.457	ug/l	98
15) Acrylonitrile	5.18	53	103604	104.182	ug/l	98
16) Acetone	3.96	43	86611	85.043	ug/l	90
17) Carbon Disulfide	4.19	76	196428	20.719	ug/l	100
18) Methyl Acetate	4.49	43	55302	21.855	ug/l	95
19) Methyl tert-butyl Ether	5.24	73	183044	21.837	ug/l	94
20) Methylene Chloride	4.72	84	76497	18.913	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	72844	21.086	ug/l	88
22) Diisopropyl ether	6.13	45	229284	21.725	ug/l	96
23) Vinyl Acetate	6.07	43	730677	106.124	ug/l	99
24) 1,1-Dichloroethane	6.03	63	122642	21.290	ug/l	97
25) 2-Butanone	7.00	43	149142	103.957	ug/l	100
26) 2,2-Dichloropropane	7.00	77	112333	21.162	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	78979	21.128	ug/l	99
28) Bromochloromethane	7.35	49	48218	19.498	ug/l	99
29) Tetrahydrofuran	7.36	42	92562	106.460	ug/l	97
30) Chloroform	7.52	83	123389	21.269	ug/l	97
31) Cyclohexane	7.79	56	124810	20.744	ug/l	94
32) 1,1,1-Trichloroethane	7.72	97	107791	20.899	ug/l	99
36) 1,1-Dichloropropene	7.93	75	97644	19.943	ug/l	99
37) Ethyl Acetate	7.09	43	57406	19.802	ug/l	97
38) Carbon Tetrachloride	7.91	117	92489	19.510	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

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

39) Methylcyclohexane	9.19	83	127815	19.946	ug/l	93
40) Benzene	8.17	78	287199	20.298	ug/l	99
41) Methacrylonitrile	7.36	41	81085	58.759	ug/l #	1
42) 1,2-Dichloroethane	8.25	62	83434	20.644	ug/l	98
43) Isopropyl Acetate	8.28	43	114277	20.731	ug/l	99
44) Trichloroethene	8.95	130	78123	19.678	ug/l	97
45) 1,2-Dichloropropane	9.22	63	72661	20.926	ug/l	93
46) Dibromomethane	9.31	93	39498	20.349	ug/l	97
47) Bromodichloromethane	9.50	83	92952	20.320	ug/l	92
48) Methyl methacrylate	9.30	41	50571	20.934	ug/l	97
49) 1,4-Dioxane	9.31	88	11188	384.423	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	296477	104.280	ug/l	99
52) Toluene	10.25	92	181435	20.197	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	100169	20.432	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	115328	20.715	ug/l	95
55) 1,1,2-Trichloroethane	10.65	97	58317	20.664	ug/l	97
56) Ethyl methacrylate	10.52	69	85655	21.293	ug/l	99
57) 1,3-Dichloropropane	10.80	76	101741	20.991	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	205582	128.128	ug/l	99
59) 2-Hexanone	10.83	43	221081	110.784	ug/l	99
60) Dibromochloromethane	10.99	129	63738	20.376	ug/l	97
61) 1,2-Dibromoethane	11.09	107	57422	21.191	ug/l	98
64) Tetrachloroethene	10.72	164	83789	19.508	ug/l	97
65) Chlorobenzene	11.52	112	192819	20.251	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	68914	20.604	ug/l	100
67) Ethyl Benzene	11.60	91	354723	20.097	ug/l	99
68) m/p-Xylenes	11.70	106	268799	39.836	ug/l	98
69) o-Xylene	12.03	106	129470	20.113	ug/l	99
70) Styrene	12.05	104	215155	19.819	ug/l	99
71) Bromoform	12.21	173	39078	20.324	ug/l #	98
73) Isopropylbenzene	12.33	105	344185	20.263	ug/l	99
74) N-amyl acetate	12.14	43	101735	24.397	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	66378	20.813	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	95937	35.814	ug/l #	100
77) Bromobenzene	12.61	156	77378	20.472	ug/l	98
78) n-propylbenzene	12.67	91	412362	20.219	ug/l	100
79) 2-Chlorotoluene	12.75	91	233439	20.726	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	294744	20.694	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	24504	20.015	ug/l	97
82) 4-Chlorotoluene	12.86	91	245838	20.649	ug/l	99
83) tert-Butylbenzene	13.08	119	247499	20.519	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	291085	20.707	ug/l	99
85) sec-Butylbenzene	13.25	105	354589	20.322	ug/l	99
86) p-Isopropyltoluene	13.37	119	317392	20.864	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	148909	19.995	ug/l	98
88) 1,4-Dichlorobenzene	13.45	146	150964	20.281	ug/l	99
89) n-Butylbenzene	13.70	91	311522	20.723	ug/l	99
90) Hexachloroethane	13.96	117	57651	20.466	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	141199	20.951	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	12294	20.325	ug/l	97

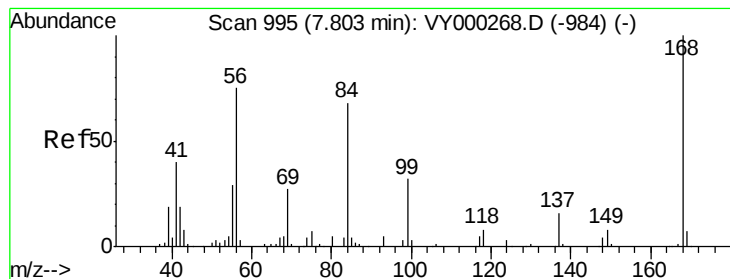
Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101619\
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Acq On : 16 Oct 2019 13:03
Operator : SY/MD
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Quant Time: Oct 17 01:34:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 14 08:10:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	97620	20.804	ug/l	100
94) Hexachlorobutadiene	15.11	225	49719	19.579	ug/l	98
95) Naphthalene	15.23	128	224856	21.473	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	89706	21.212	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000324.D

Acq: 16 Oct 2019 13:03

Instrument :

MSVOA_Y

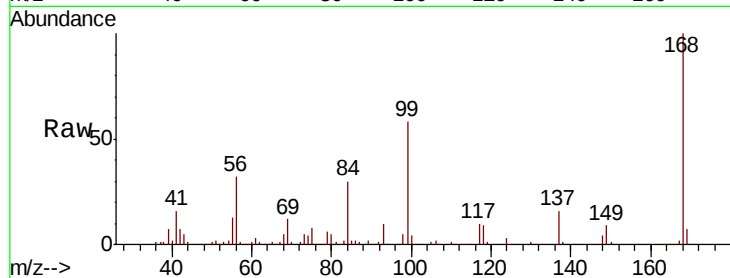
ClientSampleId :

Tot Ion:168 Resp: 298134

Ion Ratio Lower Upper

168 100

99 58.1 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000324.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000324.D (-946) (-)

7.80

150000

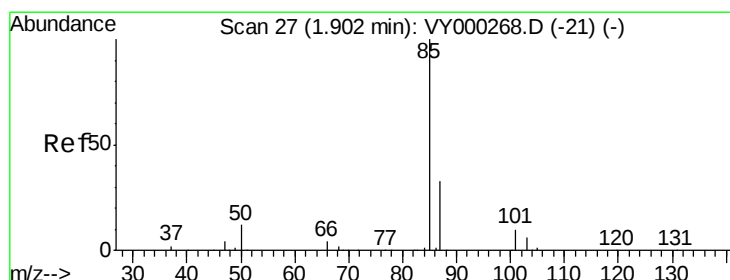
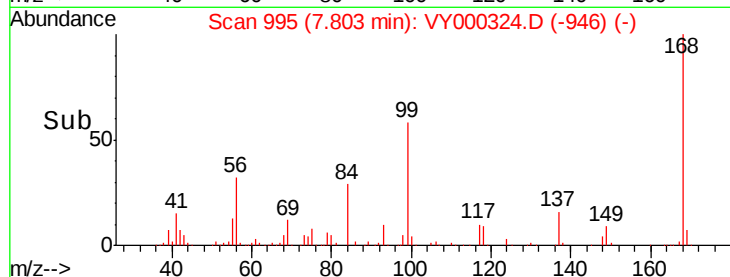
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 23.087 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000324.D

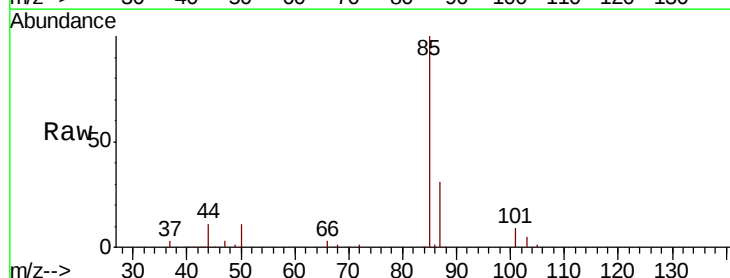
Acq: 16 Oct 2019 13:03

Tgt Ion: 85 Resp: 59894

Ion Ratio Lower Upper

85 100

87 30.7 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VY000324.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY000324.D (-1) (-)

1.90

40000

30000

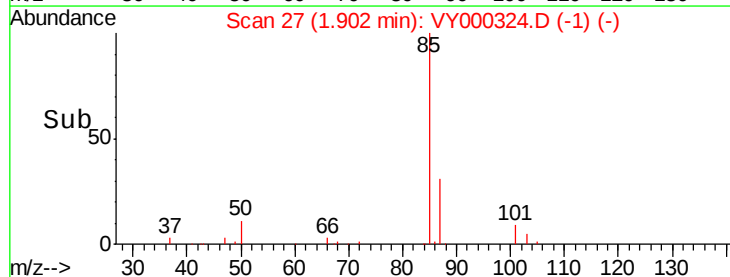
20000

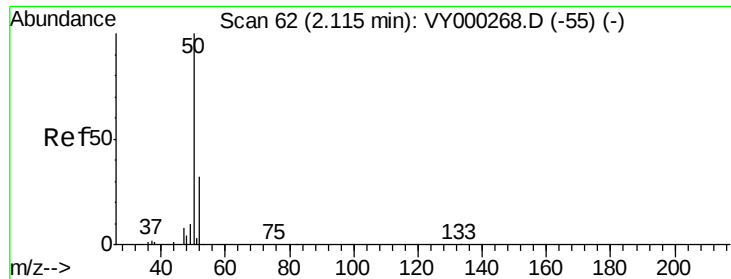
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 20.419 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000324.D

Acq: 16 Oct 2019 13:03

Instrument :

MSVOA_Y

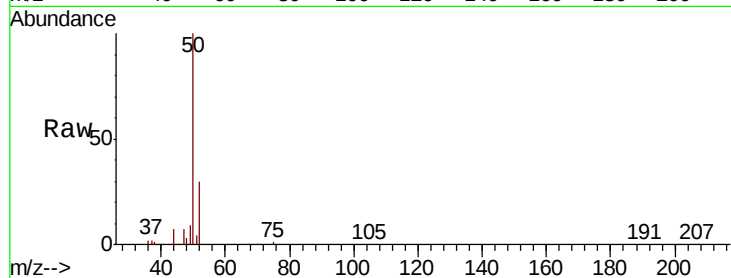
ClientSampleId :

Tot Ion: 50 Resp: 74389

Ion Ratio Lower Upper

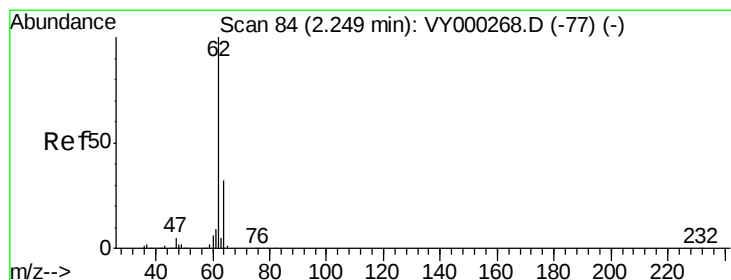
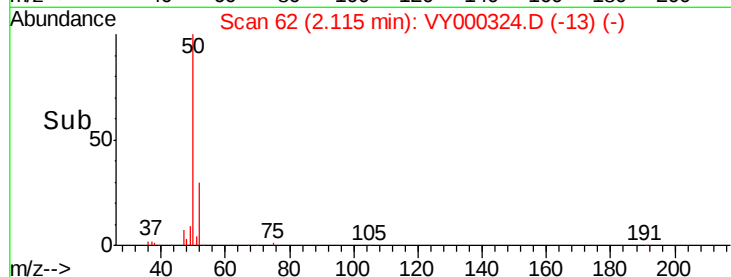
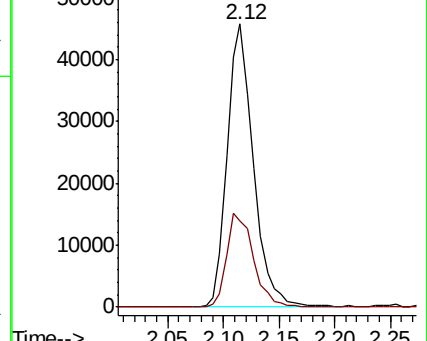
50 100

52 30.4 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 21.712 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000324.D

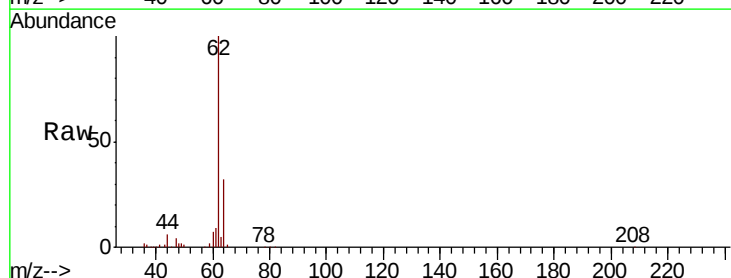
Acq: 16 Oct 2019 13:03

Tgt Ion: 62 Resp: 79829

Ion Ratio Lower Upper

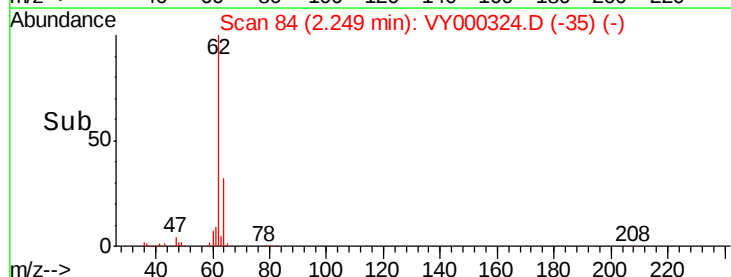
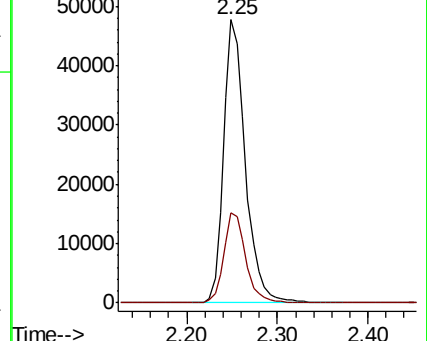
62 100

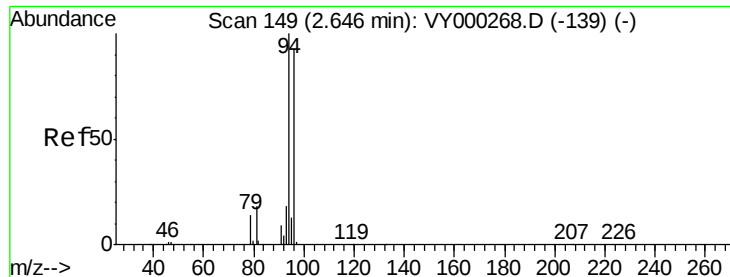
64 31.8 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 20.726 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY000324.D

Acq: 16 Oct 2019 13:03

Instrument :

MSVOA_Y

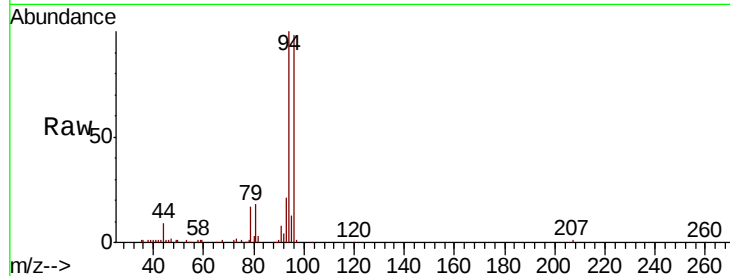
ClientSampleId :

Tot Ion: 94 Resp: 56474

Ion Ratio Lower Upper

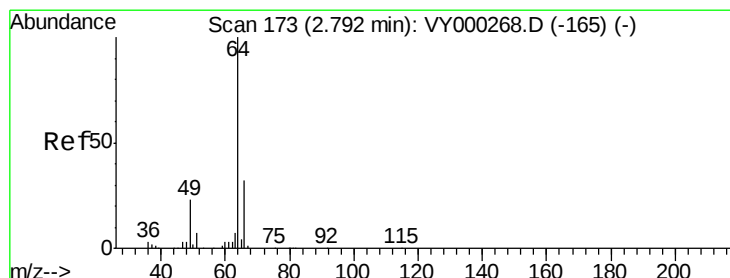
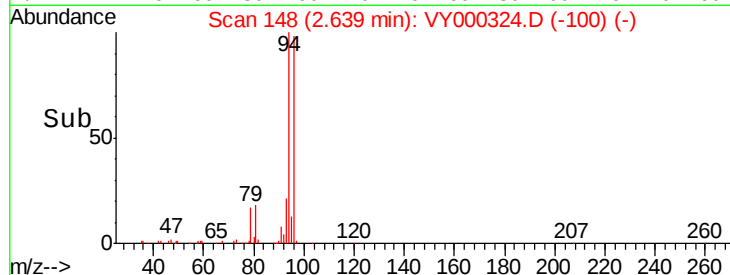
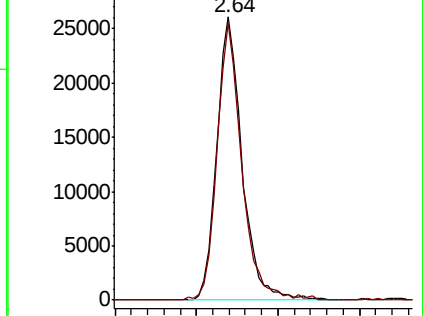
94 100

96 97.8 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: 20.605 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000324.D

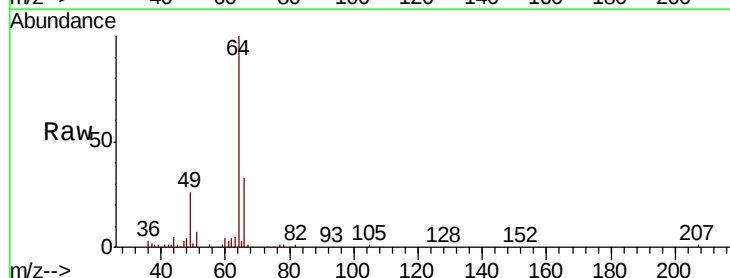
Acq: 16 Oct 2019 13:03

Tgt Ion: 64 Resp: 48881

Ion Ratio Lower Upper

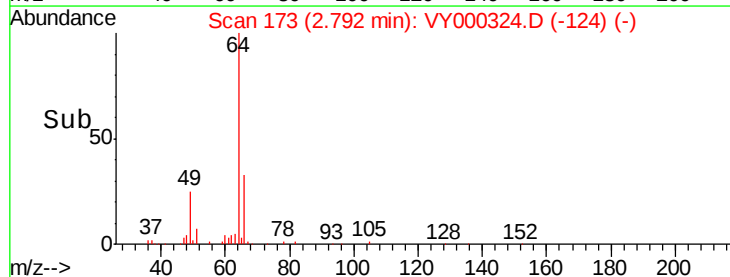
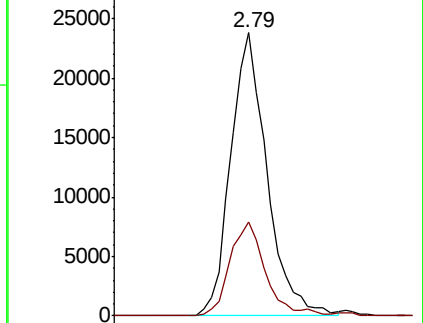
64 100

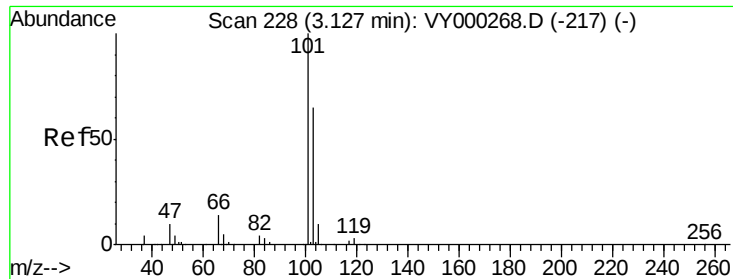
66 33.0 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0



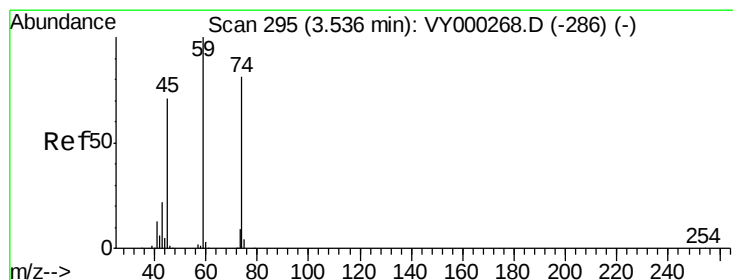
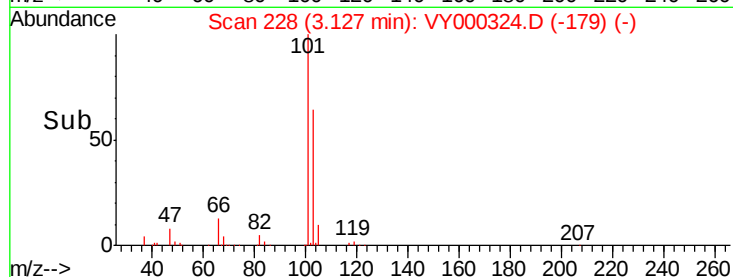
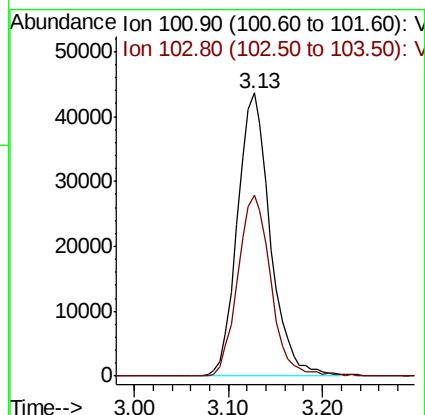
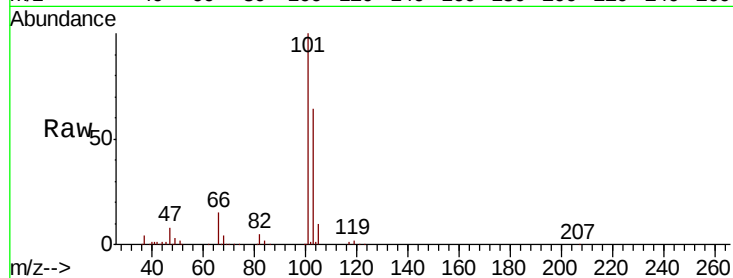


#7

Trichlorofluoromethane
 Concen: 21.089 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VY000324.D
 Acq: 16 Oct 2019 13:03

Instrument :
 MSVOA_Y
 ClientSampleId :

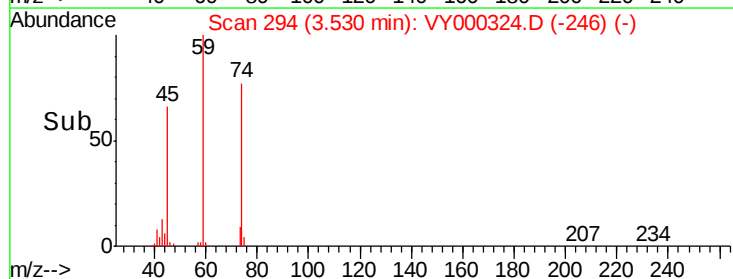
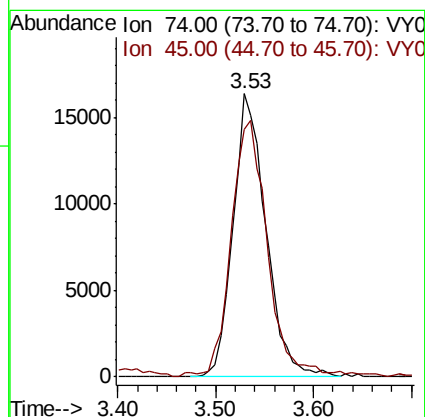
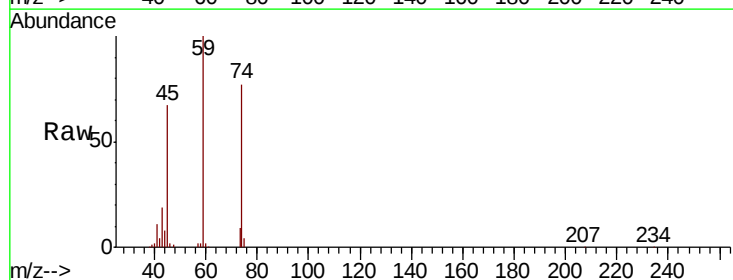
Tot Ion:101 Resp: 106063
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.2 78.4

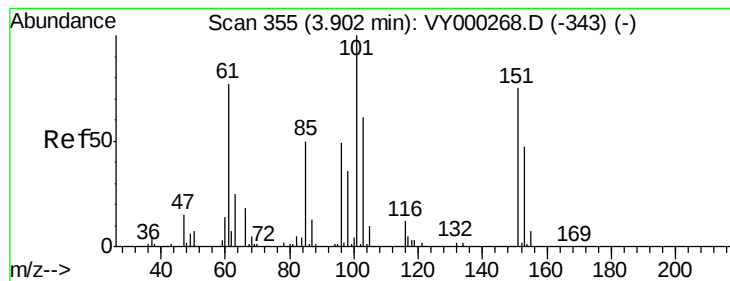


#8

Diethyl Ether
 Concen: 21.500 ug/l
 RT: 3.53 min Scan# 294
 Delta R.T. -0.01 min
 Lab File: VY000324.D
 Acq: 16 Oct 2019 13:03

Tgt Ion: 74 Resp: 38200
 Ion Ratio Lower Upper
 74 100
 45 100.1 47.1 141.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.376 ug/l

RT: 3.91 min Scan# 357

Delta R.T. 0.01 min

Lab File: VY000324.D

Acq: 16 Oct 2019 13:03

Instrument :

MSVOA_Y

ClientSampled :

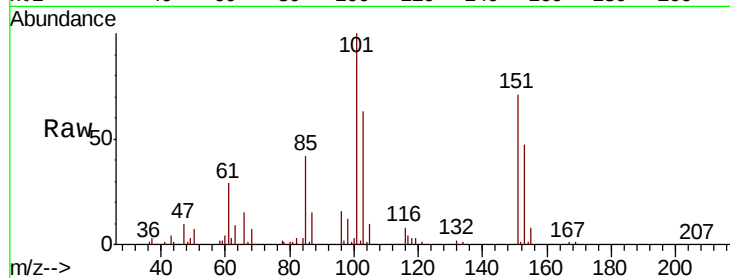
Tot Ion:101 Resp: 65199

Ion Ratio Lower Upper

101 100

85 46.4 36.6 55.0

151 75.8 63.1 94.7

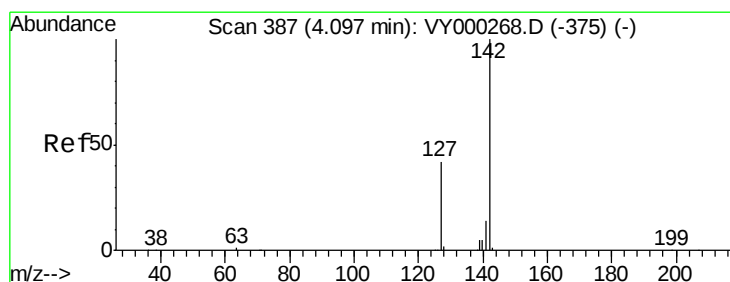
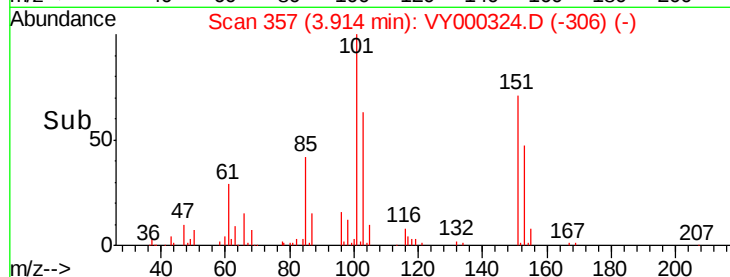
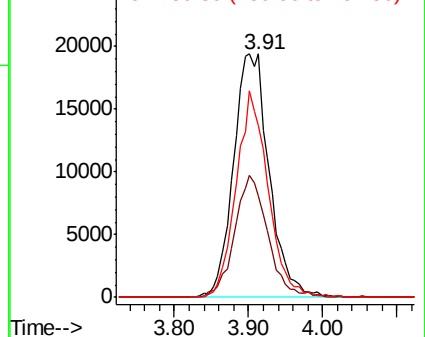


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.921 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY000324.D

Acq: 16 Oct 2019 13:03

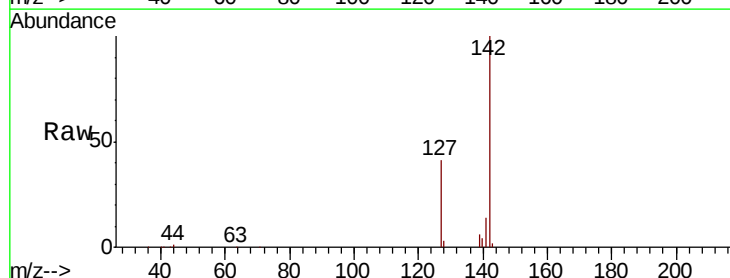
Tgt Ion:142 Resp: 78919

Ion Ratio Lower Upper

142 100

127 43.6 33.9 50.9

141 15.1 11.2 16.8

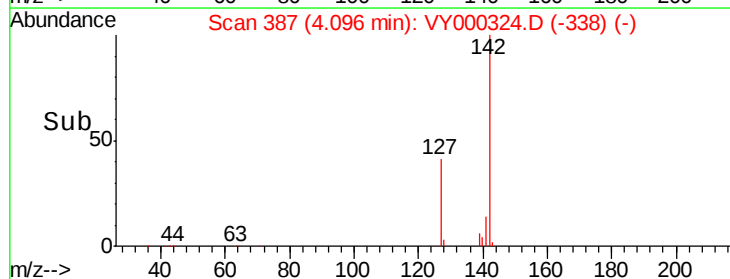
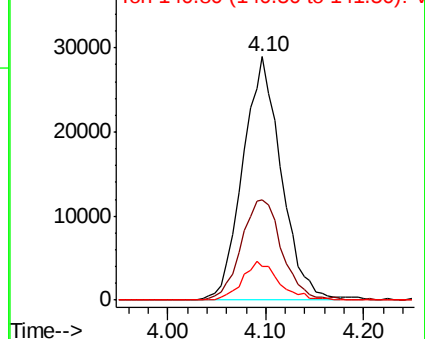


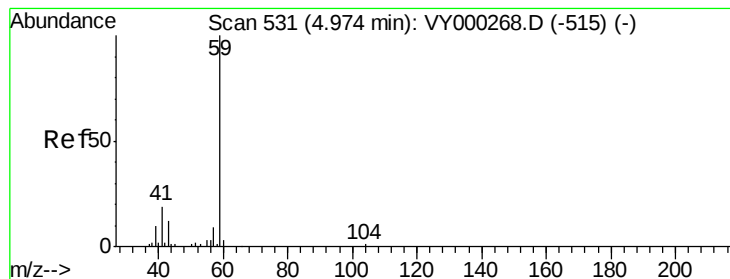
Abundance

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



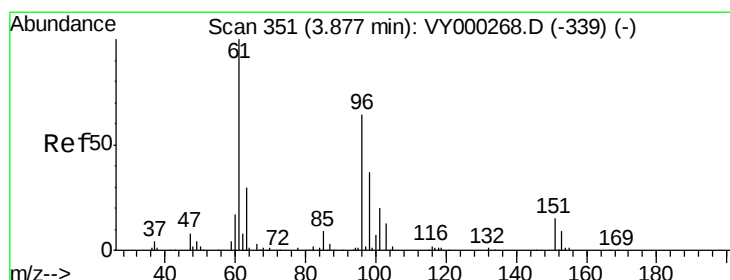
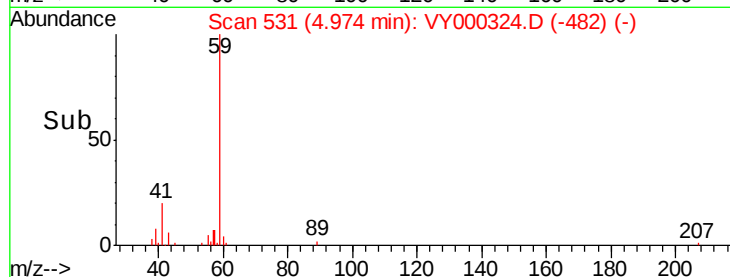
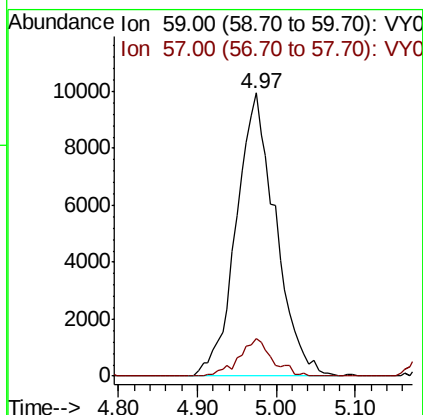
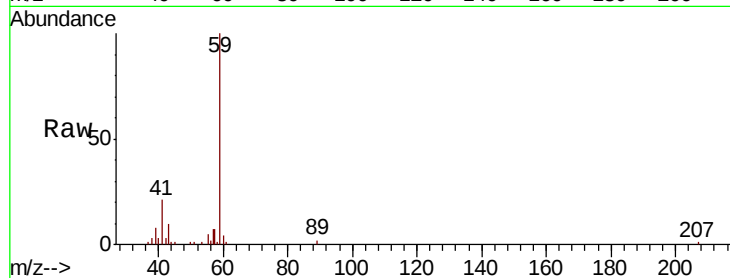


#11

Tert butyl alcohol
 Concen: 104.819 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: VY000324.D
 Acq: 16 Oct 2019 13:03

Instrument :
 MSVOA_Y
 ClientSampled :

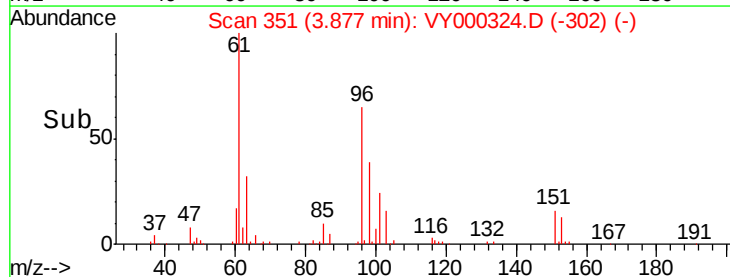
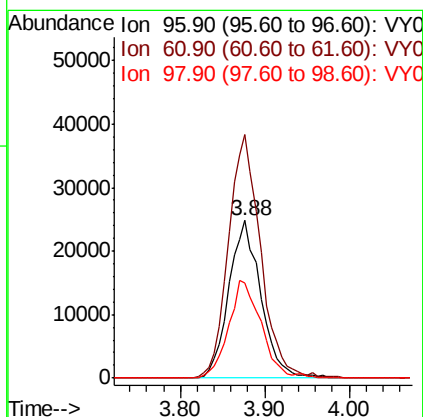
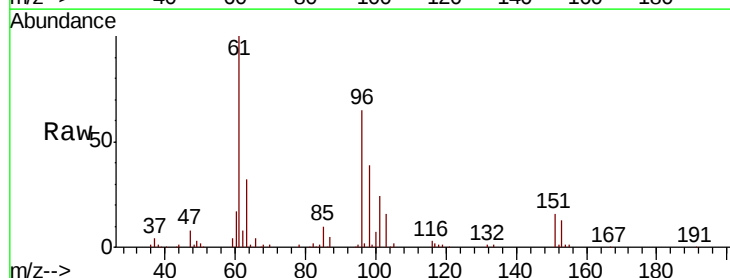
Tot Ion: 59 Resp: 34497
 Ion Ratio Lower Upper
 59 100
 57 11.2 8.2 12.2

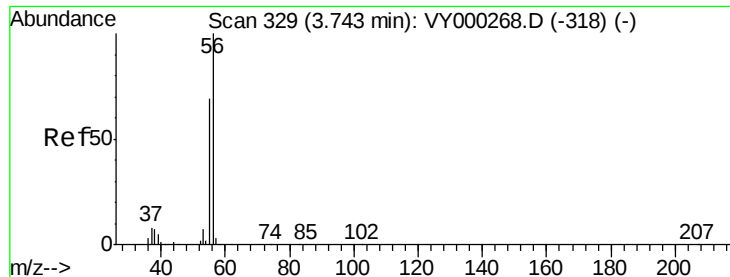


#12

1,1-Dichloroethene
 Concen: 21.327 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY000324.D
 Acq: 16 Oct 2019 13:03

Tgt Ion: 96 Resp: 64218
 Ion Ratio Lower Upper
 96 100
 61 154.6 125.8 188.6
 98 60.3 46.2 69.2





#13

Acrolein

Concen: 92.308 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.01 min

Lab File: VY000324.D

Acq: 16 Oct 2019 13:03

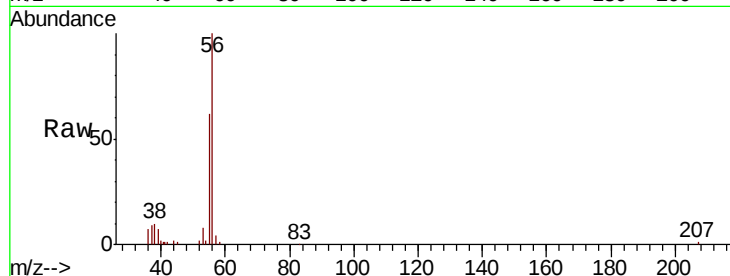
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 35617

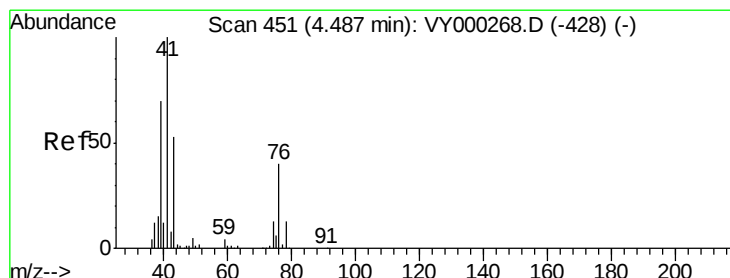
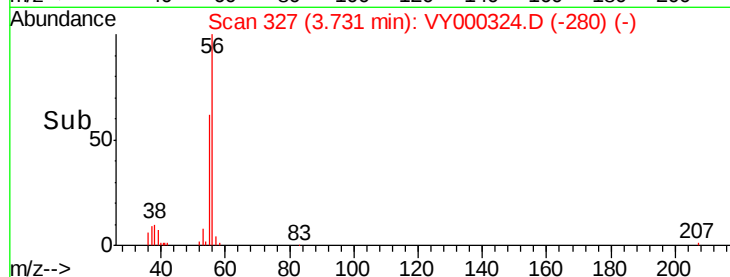
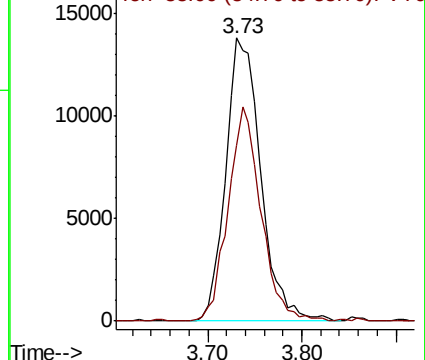
Ion Ratio Lower Upper

56 100

55 71.1 55.7 83.5



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 21.457 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000324.D

Acq: 16 Oct 2019 13:03

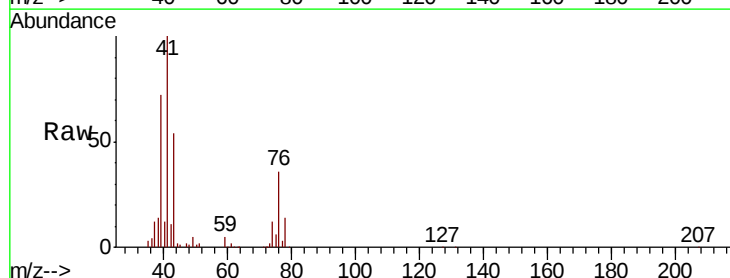
Tgt Ion: 41 Resp: 107070

Ion Ratio Lower Upper

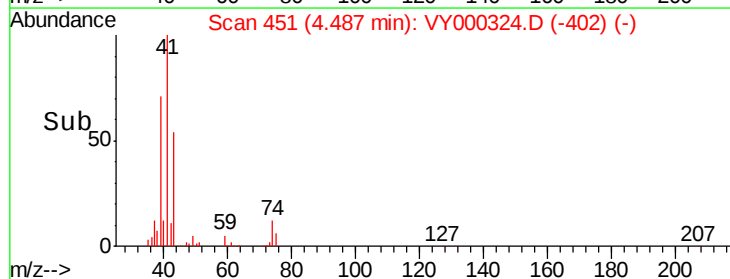
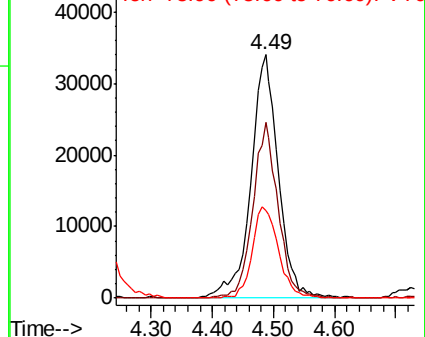
41 100

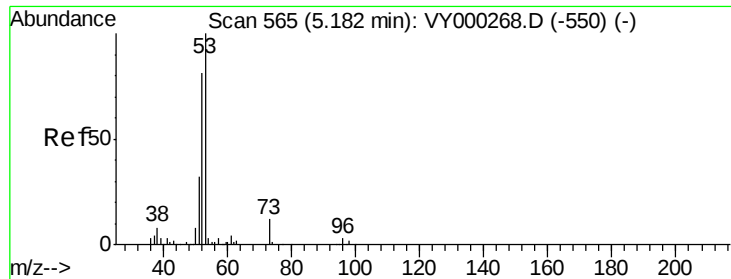
39 66.5 54.0 81.0

76 36.0 30.7 46.1



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 104.182 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000324.D

Acq: 16 Oct 2019 13:03

Instrument :
MSVOA_Y
ClientSampleId :

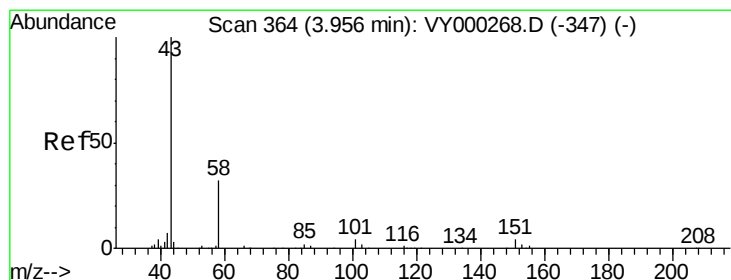
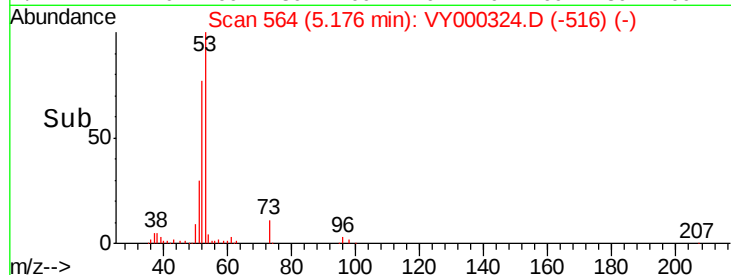
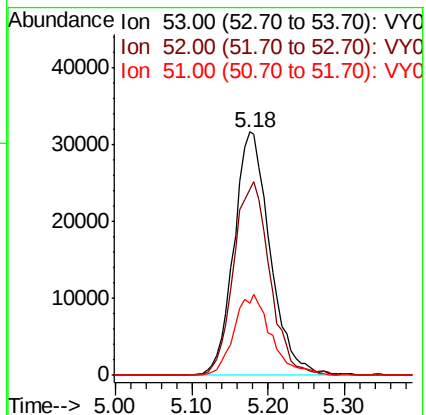
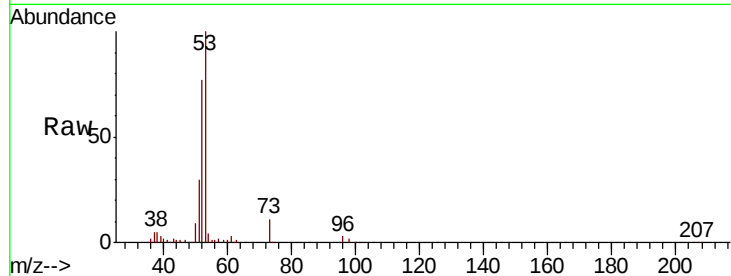
Tot Ion: 53 Resp: 103604

Ion Ratio Lower Upper

53 100

52 80.2 62.9 94.3

51 34.3 26.9 40.3



#16

Acetone

Concen: 85.043 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000324.D

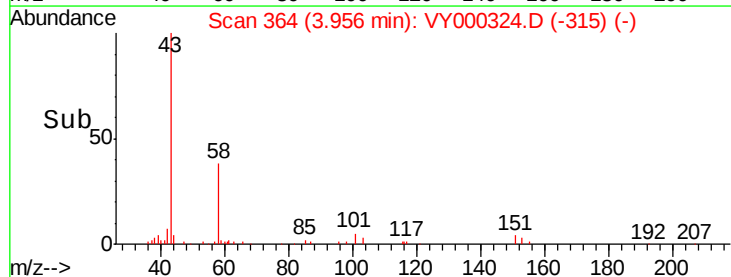
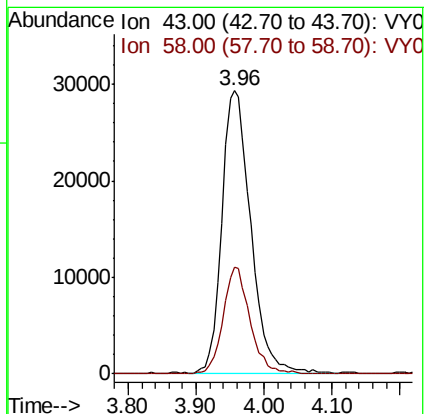
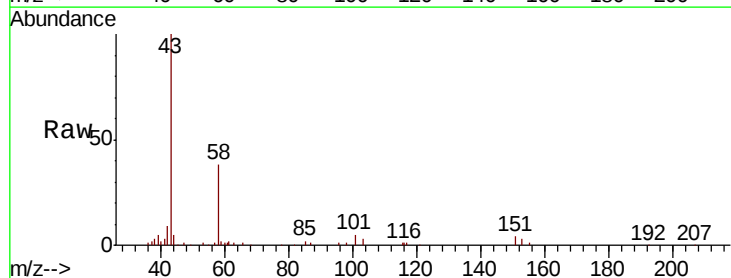
Acq: 16 Oct 2019 13:03

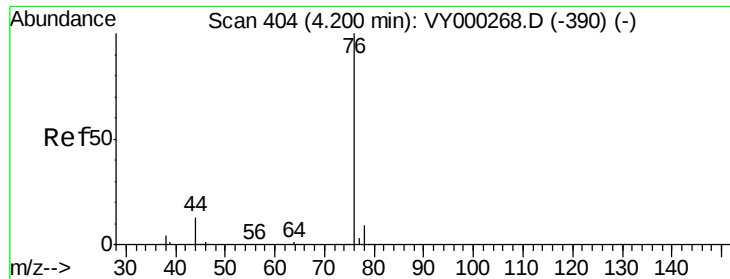
Tgt Ion: 43 Resp: 86611

Ion Ratio Lower Upper

43 100

58 37.8 25.8 38.6

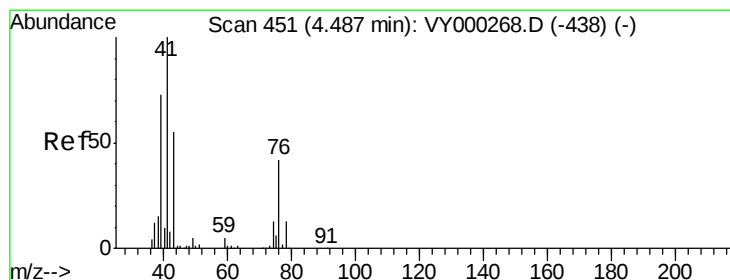
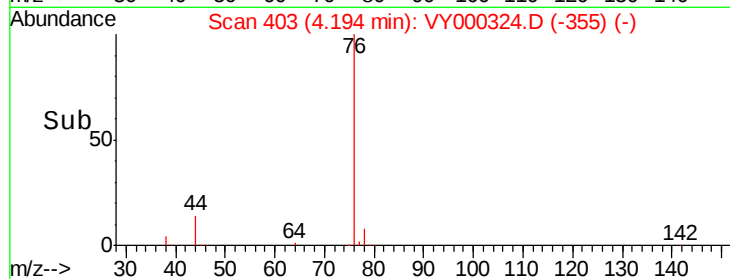
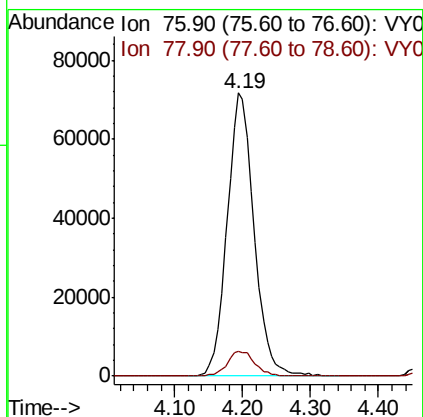
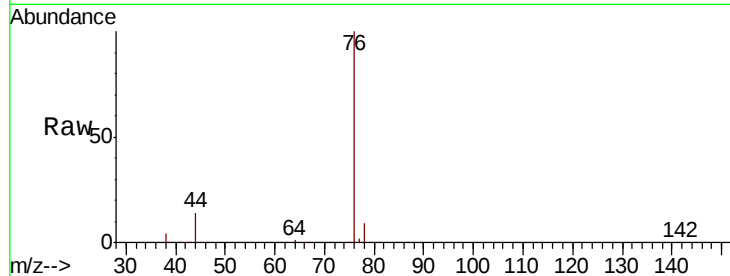




#17
Carbon Disulfide
Concen: 20.719 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY000324.D
Acq: 16 Oct 2019 13:03

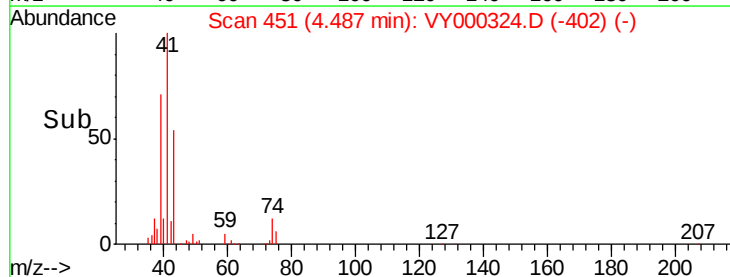
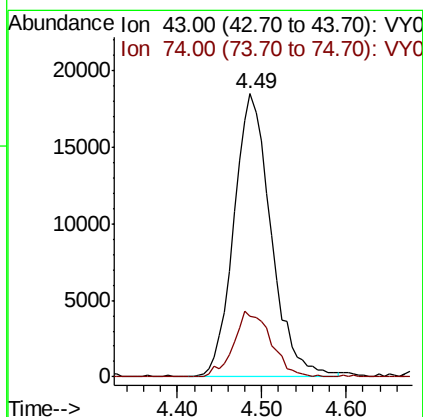
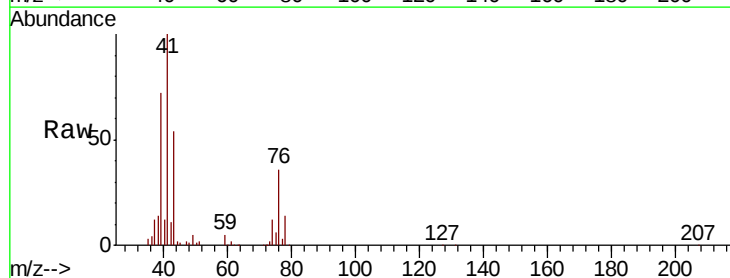
Instrument :
MSVOA_Y
ClientSampleId :

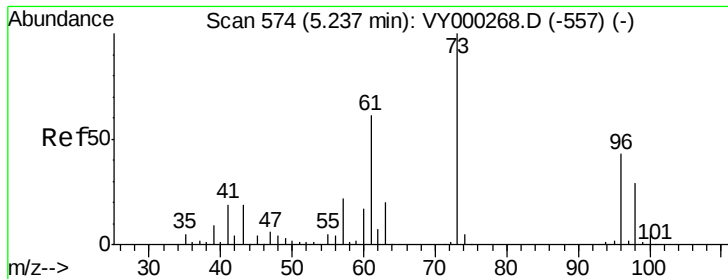
Tot Ion: 76 Resp: 196428
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.4



#18
Methyl Acetate
Concen: 21.855 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY000324.D
Acq: 16 Oct 2019 13:03

Tgt Ion: 43 Resp: 55302
Ion Ratio Lower Upper
43 100
74 23.2 20.4 30.6

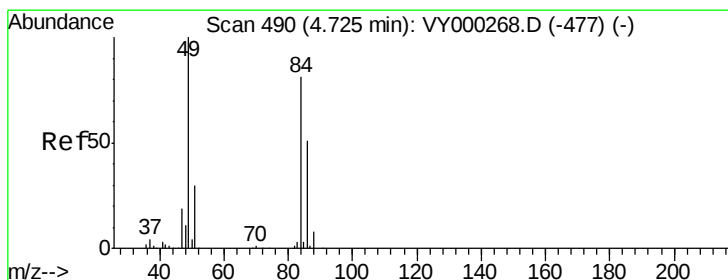
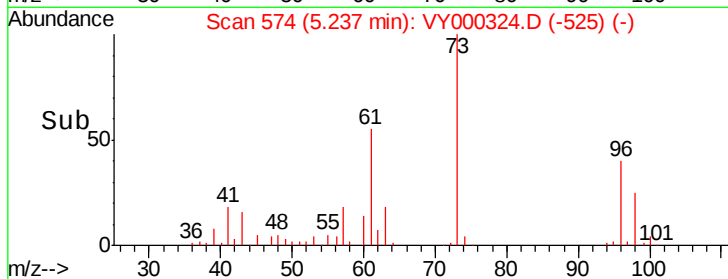
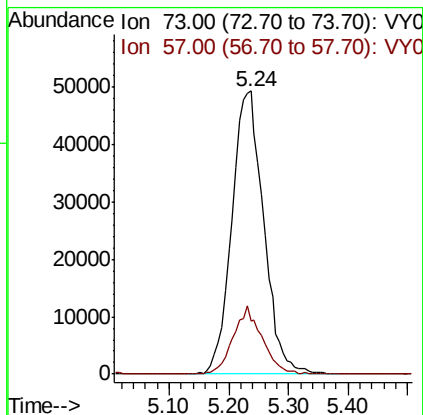
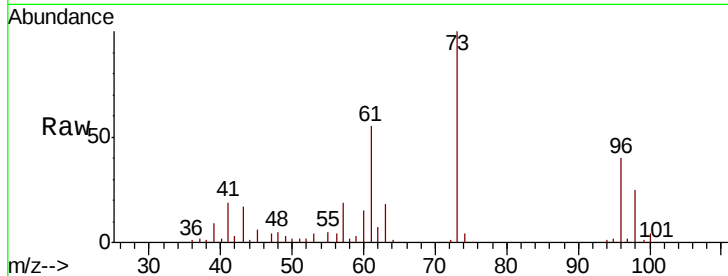




#19
Methyl tert-butyl Ether
Concen: 21.837 ug/l
RT: 5.24 min Scan# 574
Delta R.T. -0.00 min
Lab File: VY000324.D
Acq: 16 Oct 2019 13:03

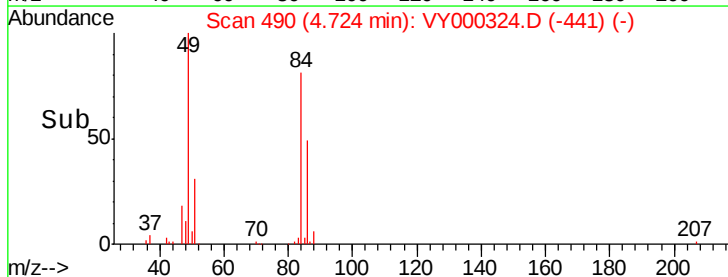
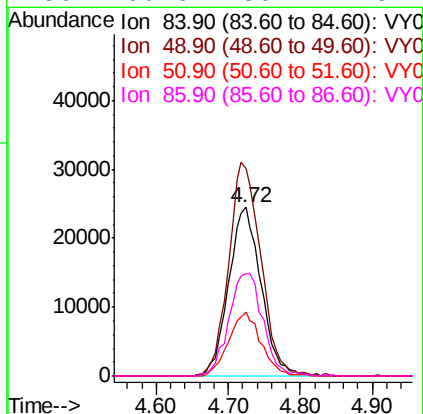
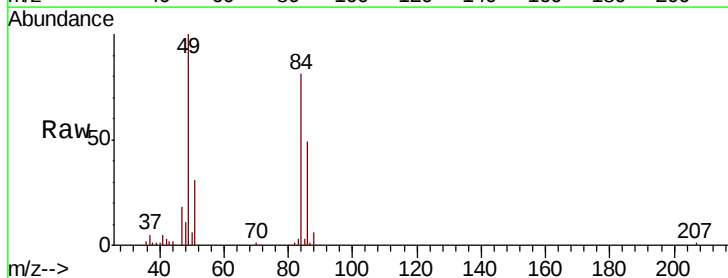
Instrument :
MSVOA_Y
ClientSampled :

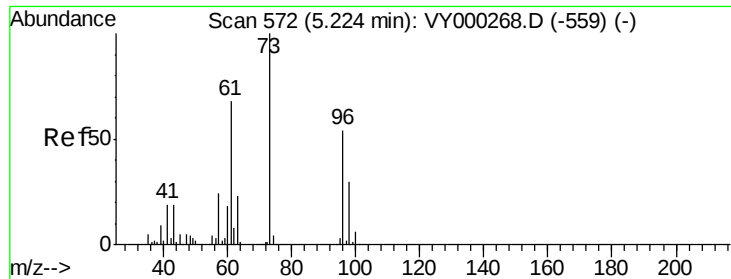
Tot Ion: 73 Resp: 183044
Ion Ratio Lower Upper
73 100
57 18.9 17.4 26.0



#20
Methylene Chloride
Concen: 18.913 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY000324.D
Acq: 16 Oct 2019 13:03

Tgt Ion: 84 Resp: 76497
Ion Ratio Lower Upper
84 100
49 123.2 99.0 148.4
51 38.3 29.3 43.9
86 60.6 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 21.086 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY000324.D

Acq: 16 Oct 2019 13:03

Instrument :

MSVOA_Y

ClientSampleId :

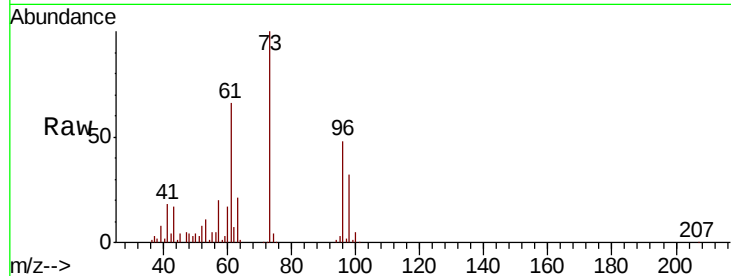
Tot Ion: 96 Resp: 72844

Ion Ratio Lower Upper

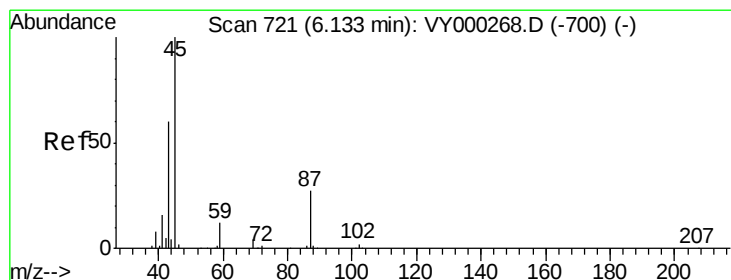
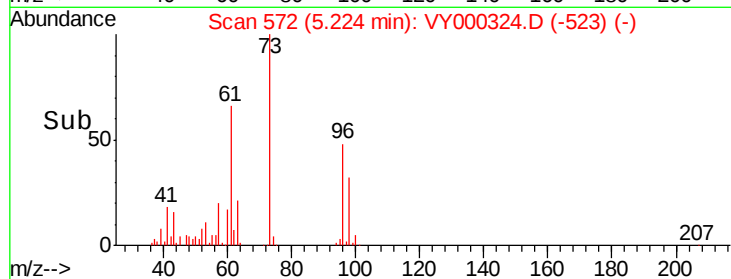
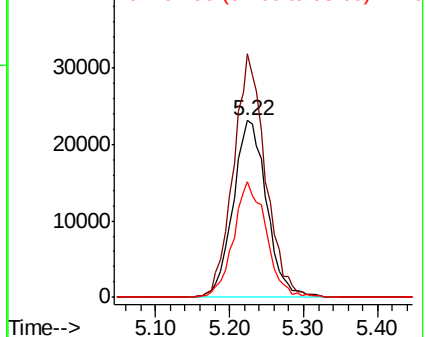
96 100

61 137.6 100.4 150.6

98 65.6 44.6 66.8



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



#22

Diisopropyl ether

Concen: 21.725 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000324.D

Acq: 16 Oct 2019 13:03

Tgt Ion: 45 Resp: 229284

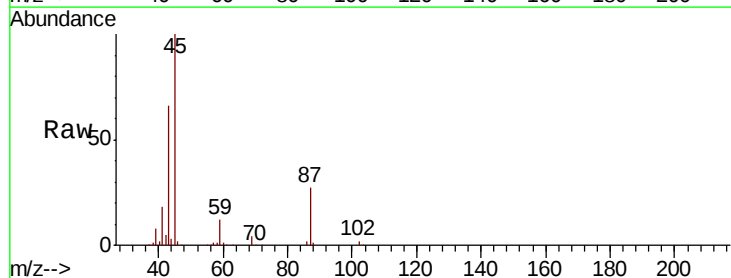
Ion Ratio Lower Upper

45 100

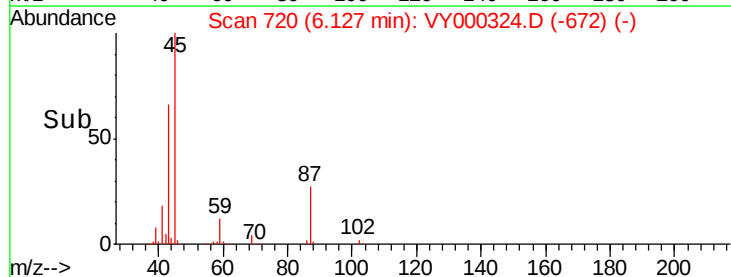
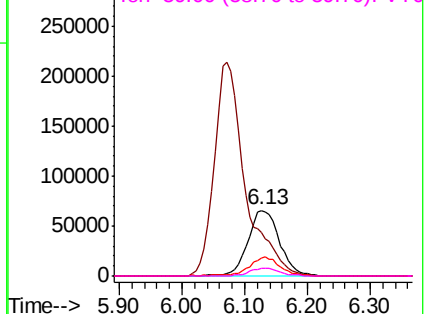
43 65.4 48.5 72.7

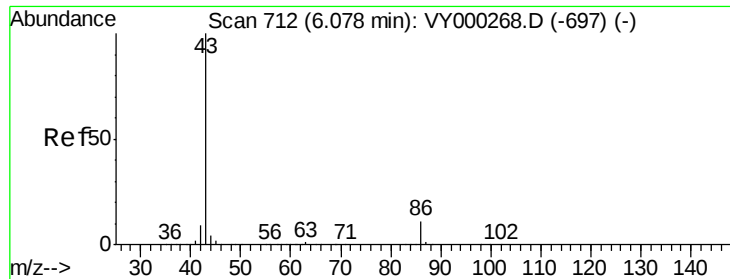
87 26.7 21.5 32.3

59 11.5 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

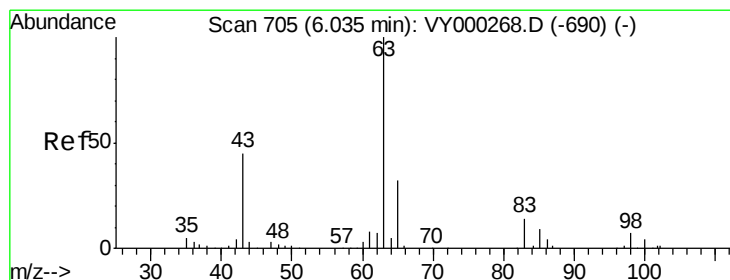
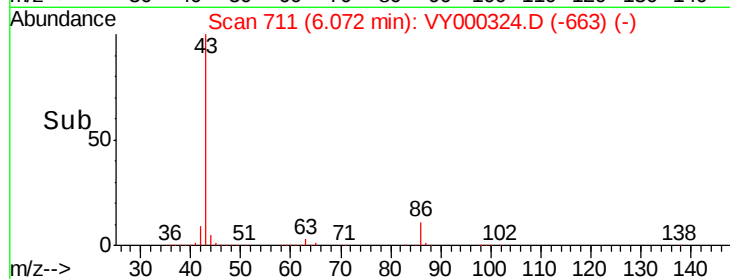
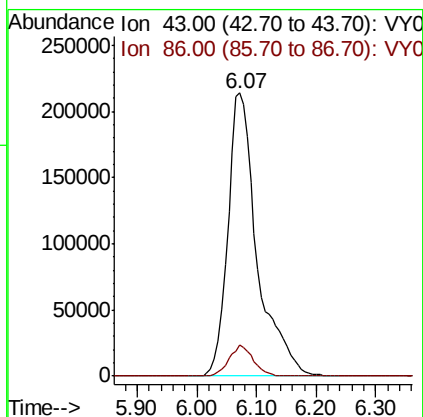
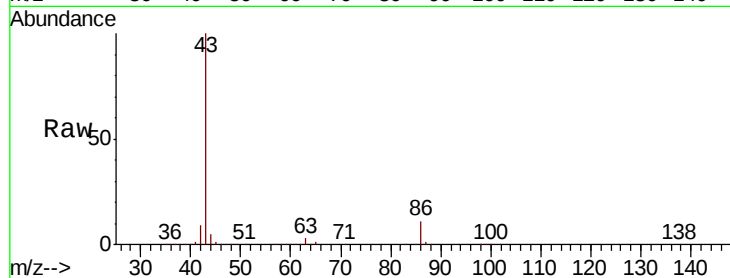




#23
 Vinyl Acetate
 Concen: 106.124 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VY000324.D
 Acq: 16 Oct 2019 13:03

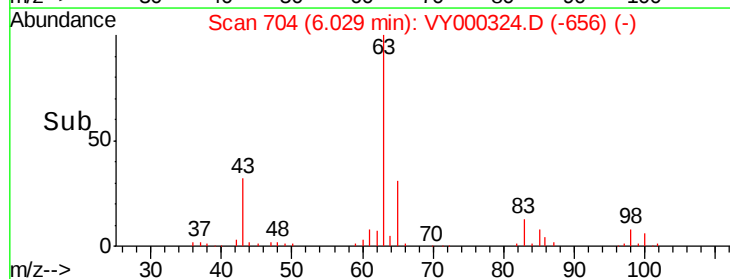
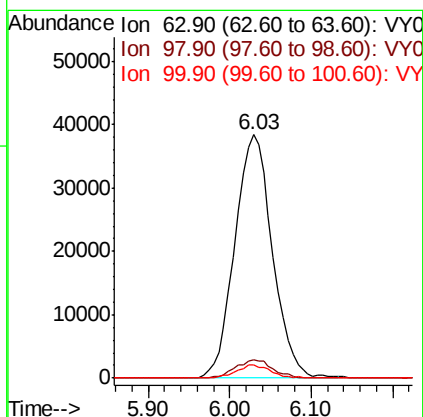
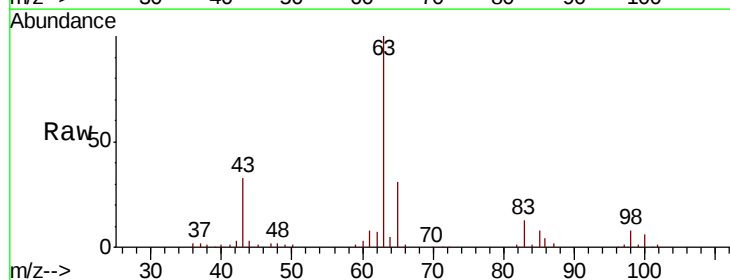
Instrument :
 MSVOA_Y
 ClientSampleId :

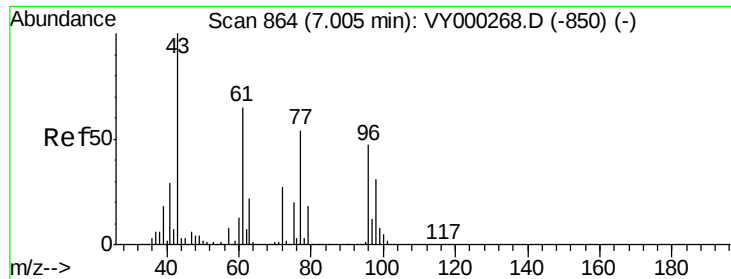
Tot Ion: 43 Resp: 730677
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 21.290 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. -0.01 min
 Lab File: VY000324.D
 Acq: 16 Oct 2019 13:03

Tgt Ion: 63 Resp: 122642
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.4
 100 5.6 2.1 6.2





#25

2-Butanone

Concen: 103.957 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.00 min

Lab File: VY000324.D

Acq: 16 Oct 2019 13:03

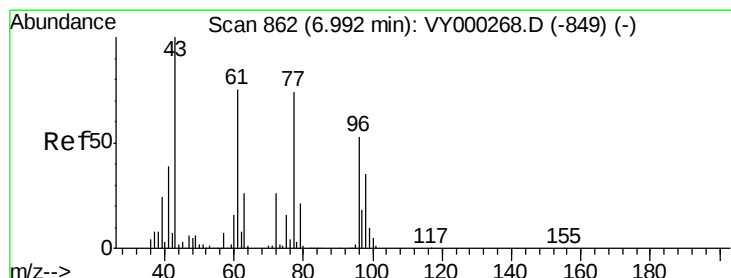
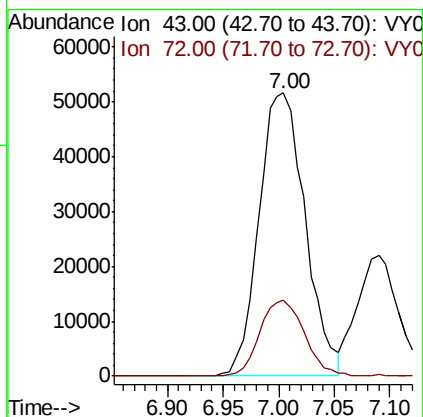
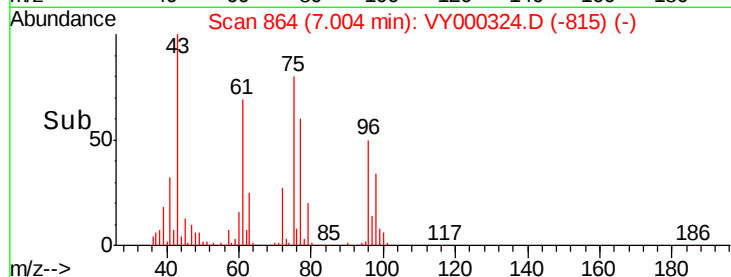
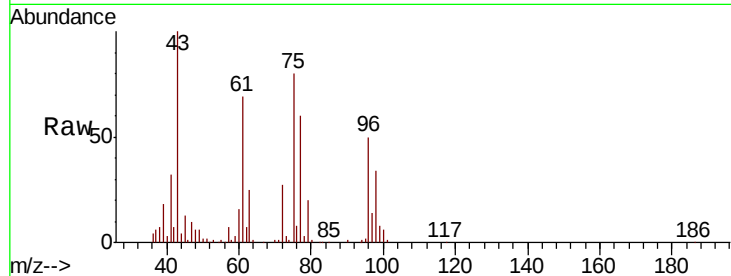
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 149142

Ion Ratio Lower Upper

43 100

72 26.7 21.4 32.2



#26

2,2-Dichloropropane

Concen: 21.162 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY000324.D

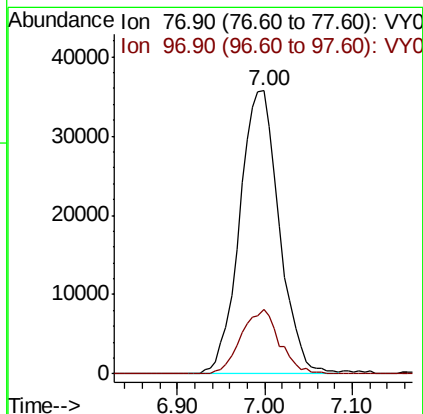
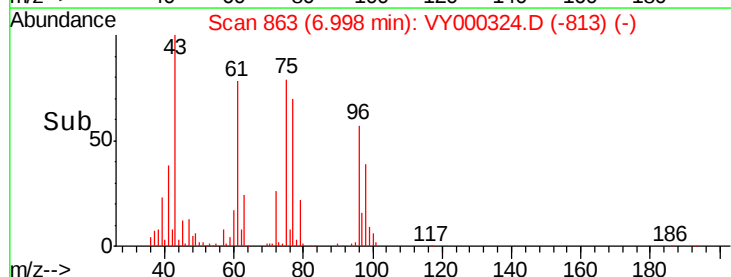
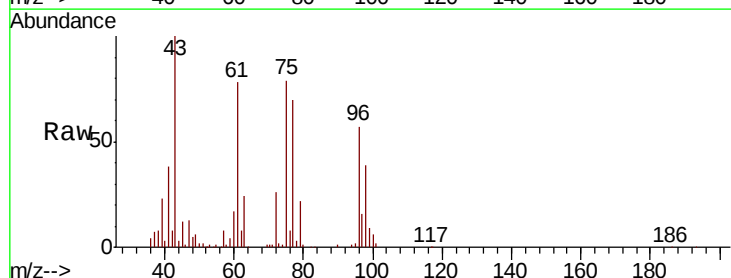
Acq: 16 Oct 2019 13:03

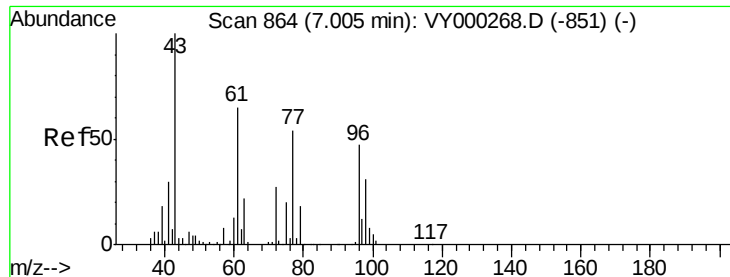
Tgt Ion: 77 Resp: 112333

Ion Ratio Lower Upper

77 100

97 22.1 11.6 34.7



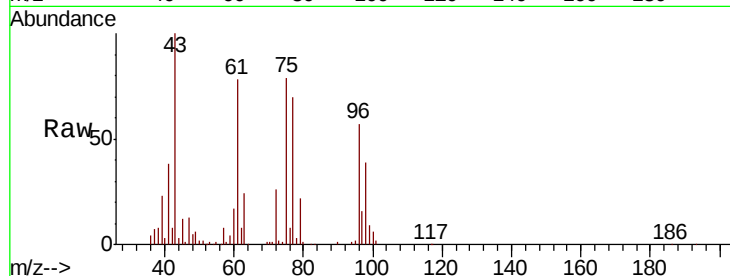


#27

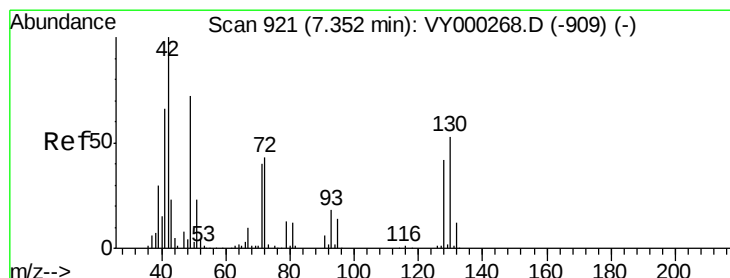
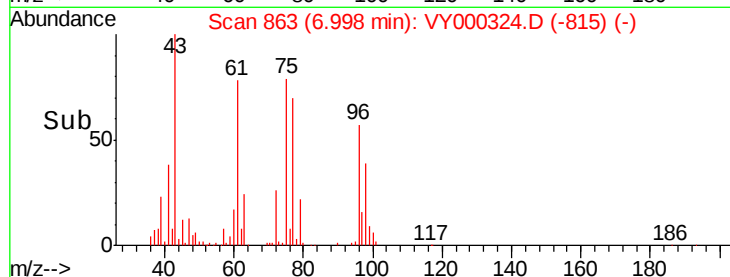
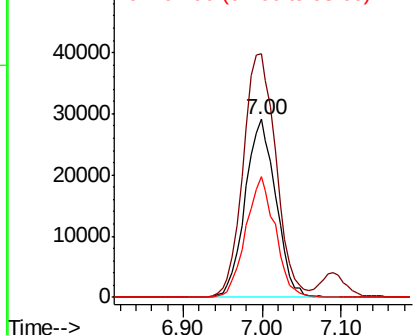
cis-1,2-Dichloroethene
Concen: 21.128 ug/l
RT: 7.00 min Scan# 863
Delta R.T. -0.01 min
Lab File: VY000324.D
Acq: 16 Oct 2019 13:03

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	96	Resp	78979
Ion	Ratio	Lower	Upper
96	100		
61	145.5	0.0	289.8
98	64.7	0.0	131.8



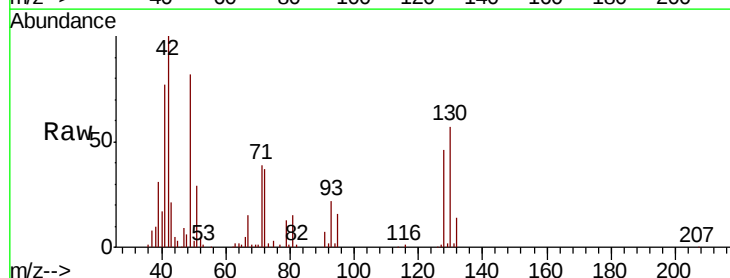
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



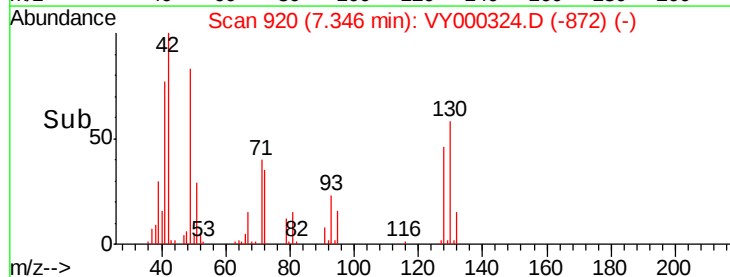
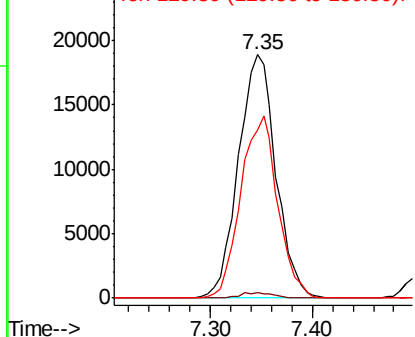
#28

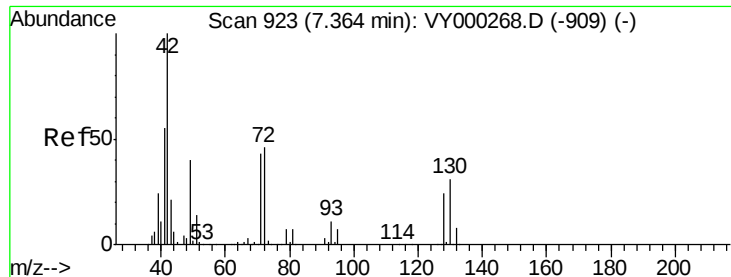
Bromochloromethane
Concen: 19.498 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: VY000324.D
Acq: 16 Oct 2019 13:03

Tgt Ion	49	Resp	48218
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	73.8	58.2	87.2



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

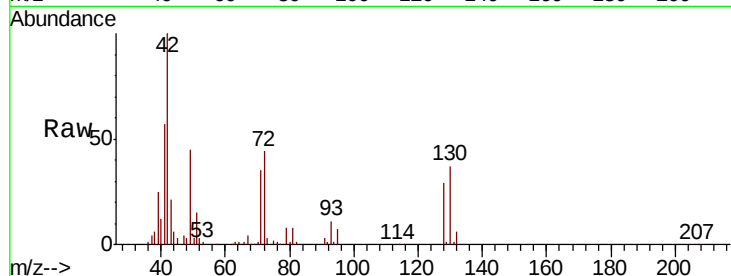




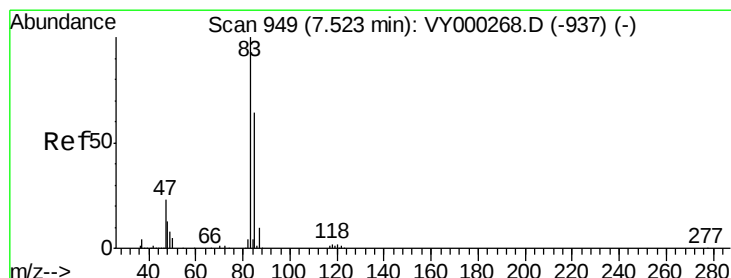
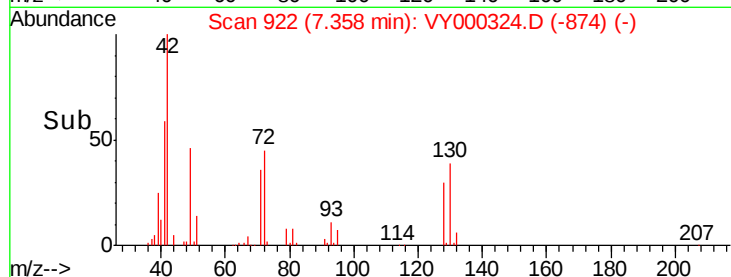
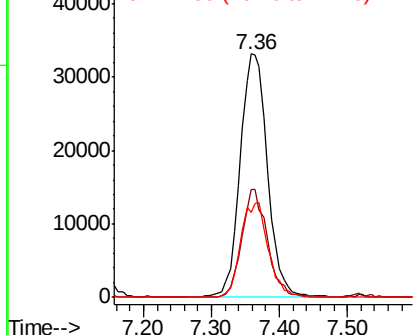
#29
Tetrahydrofuran
Concen: 106.460 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY000324.D
Acq: 16 Oct 2019 13:03

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 42 Resp: 92562
Ion Ratio Lower Upper
42 100
72 41.1 34.5 51.7
71 39.0 32.7 49.1

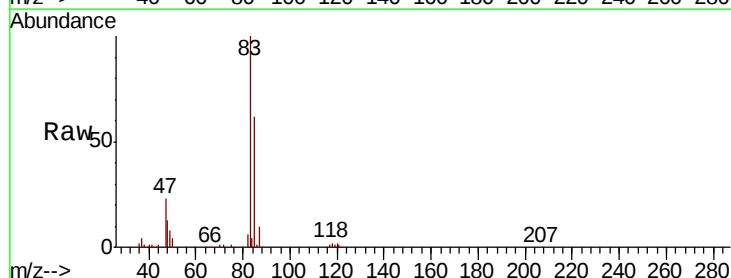


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

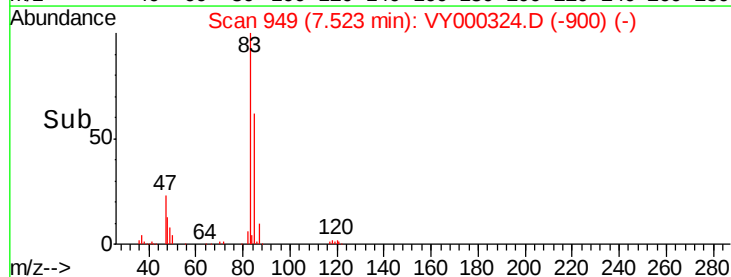
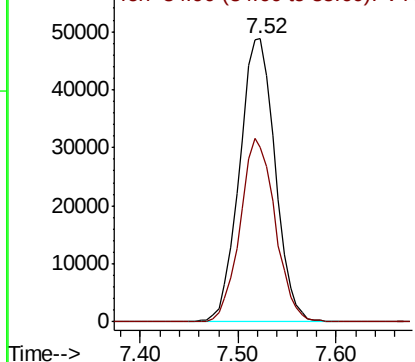


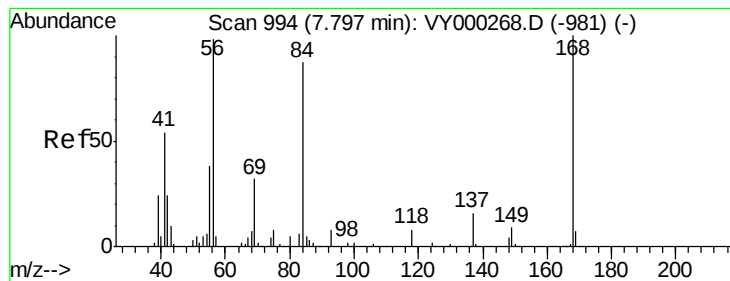
#30
Chloroform
Concen: 21.269 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.00 min
Lab File: VY000324.D
Acq: 16 Oct 2019 13:03

Tgt Ion: 83 Resp: 123389
Ion Ratio Lower Upper
83 100
85 61.7 51.4 77.2



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





#31

Cyclohexane

Concen: 20.744 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

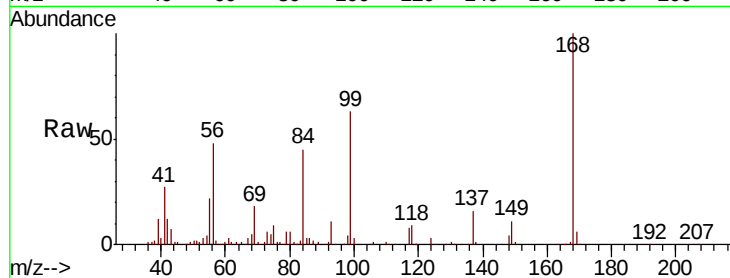
Lab File: VY000324.D

Acq: 16 Oct 2019 13:03

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 124810

Ion	Ratio	Lower	Upper
56	100		
69	38.6	26.3	39.5
84	93.0	70.8	106.2

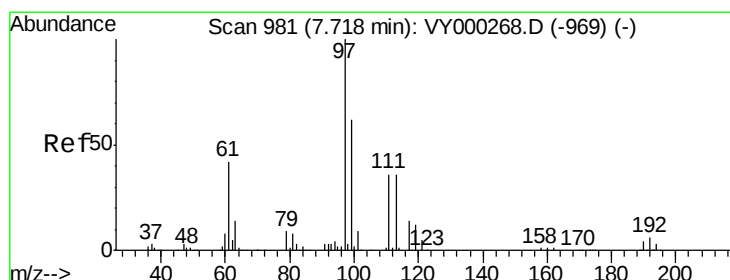
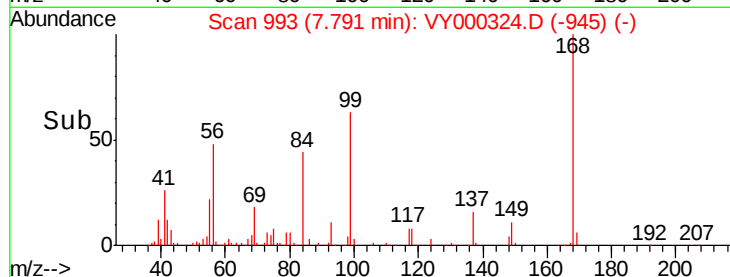
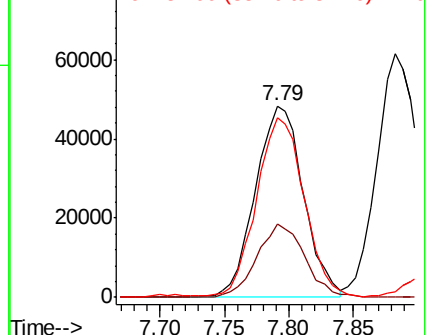


Abundance

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: 20.899 ug/l

RT: 7.72 min Scan# 981

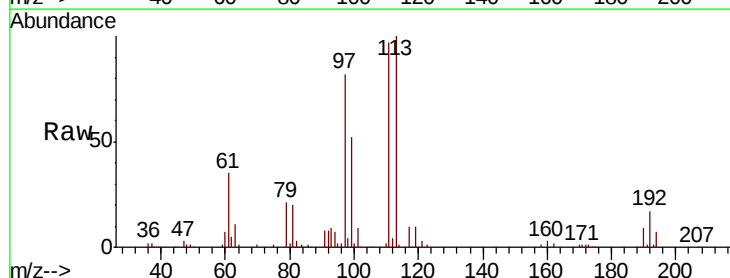
Delta R.T. -0.00 min

Lab File: VY000324.D

Acq: 16 Oct 2019 13:03

Tgt Ion: 97 Resp: 107791

Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.7	77.5
61	43.9	34.5	51.7

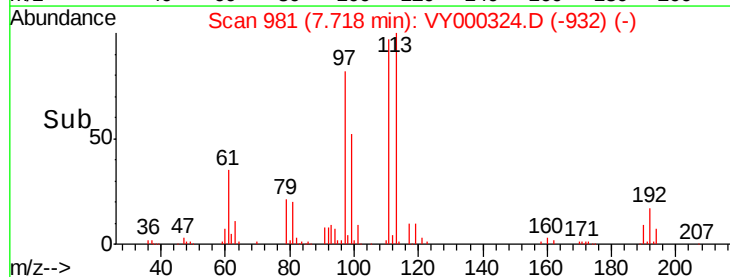
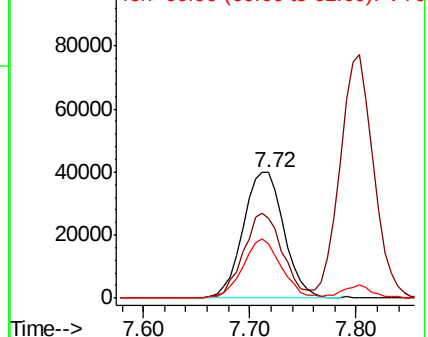


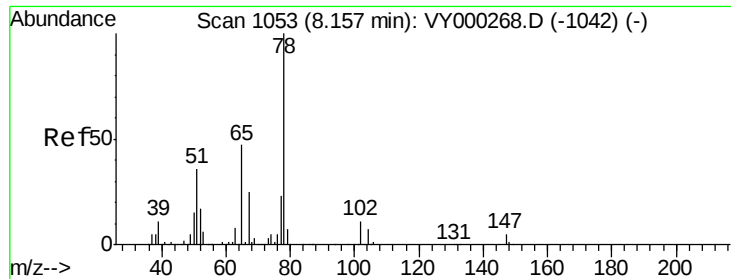
Abundance

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

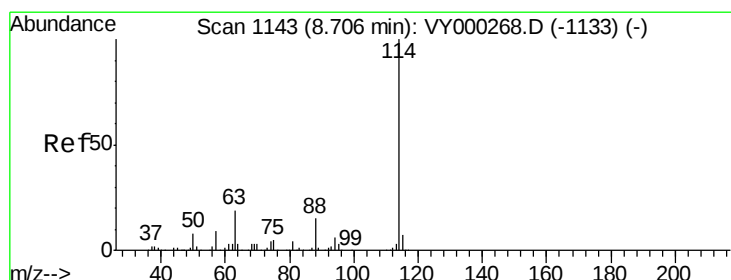
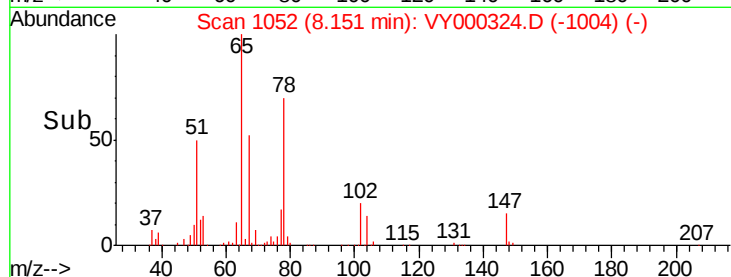
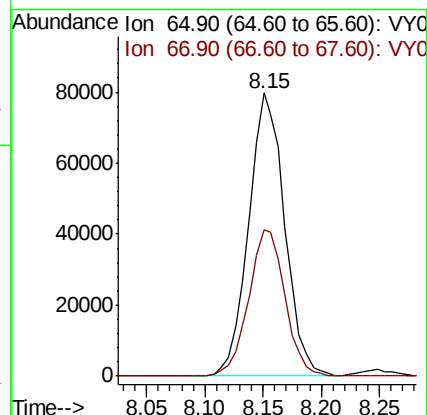
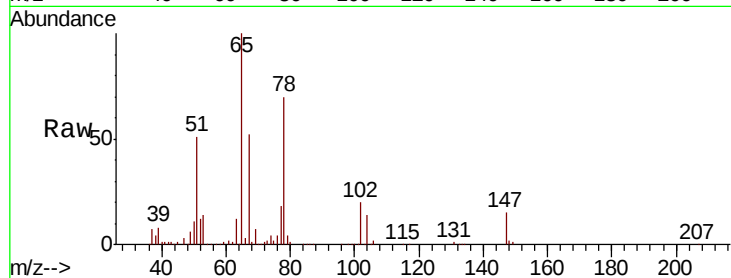




#33
 1,2-Dichloroethane-d4
 Concen: 54.665 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VY000324.D
 Acq: 16 Oct 2019 13:03

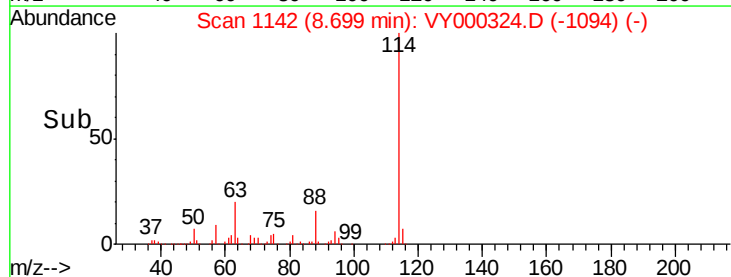
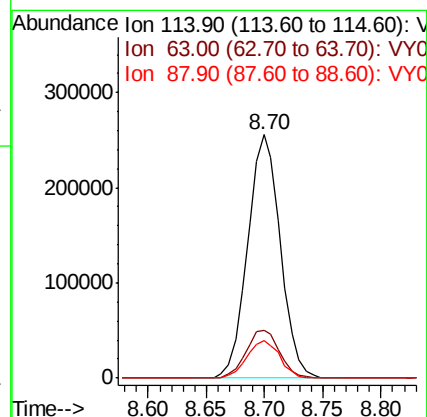
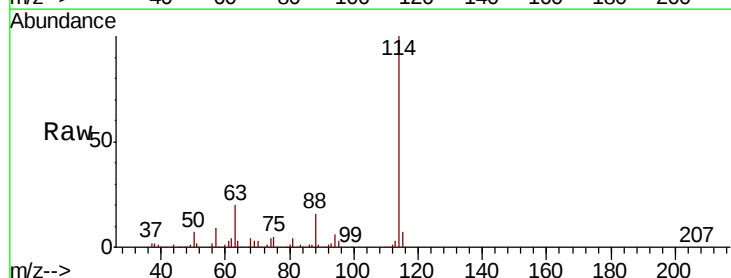
Instrument :
 MSVOA_Y
 ClientSampleId :

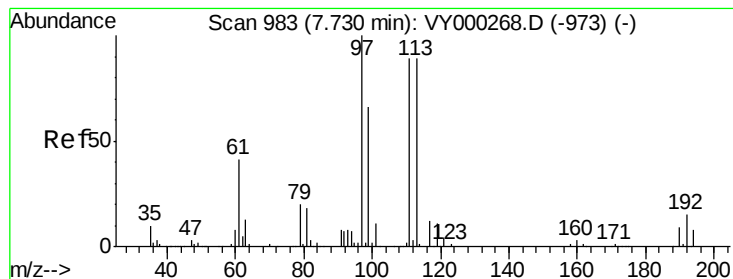
Tot Ion: 65 Resp: 171913
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000324.D
 Acq: 16 Oct 2019 13:03

Tgt Ion: 114 Resp: 500074
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 37.2
 88 15.5 0.0 30.2





#35

Dibromofluoromethane

Concen: 50.824 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000324.D

Acq: 16 Oct 2019 13:03

Instrument :

MSVOA_Y

ClientSampleId :

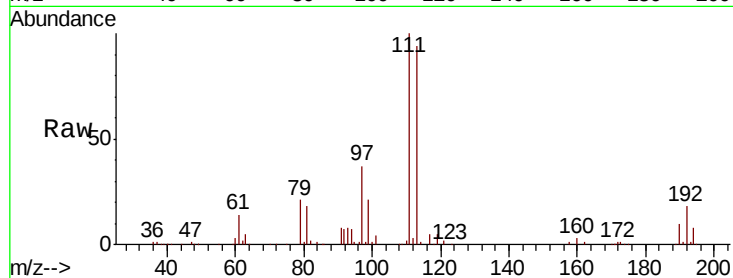
Tot Ion:113 Resp: 153310

Ion Ratio Lower Upper

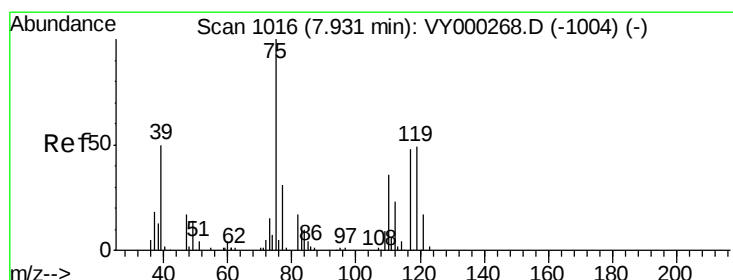
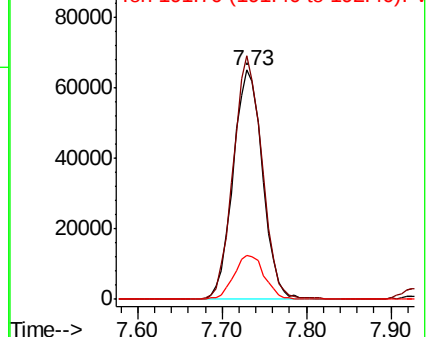
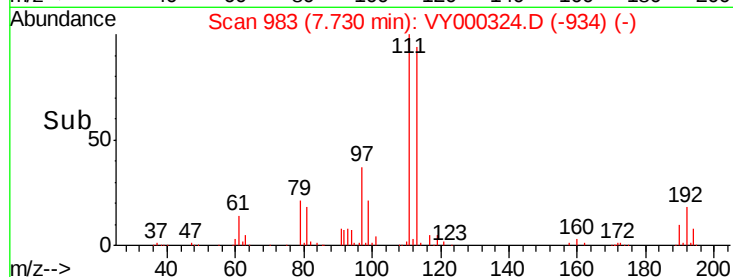
113 100

111 103.9 81.6 122.4

192 19.8 15.3 22.9



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.943 ug/l

RT: 7.93 min Scan# 1016

Delta R.T. -0.00 min

Lab File: VY000324.D

Acq: 16 Oct 2019 13:03

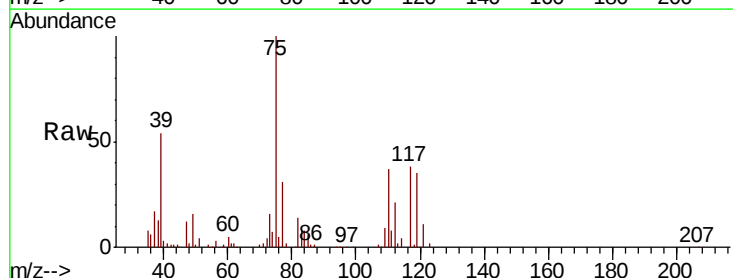
Tgt Ion: 75 Resp: 97644

Ion Ratio Lower Upper

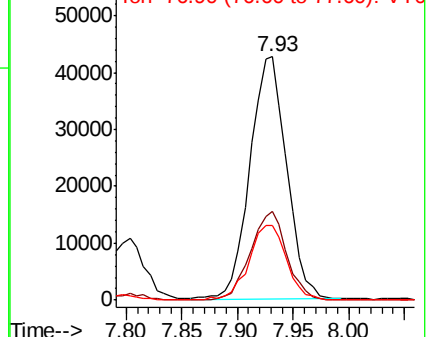
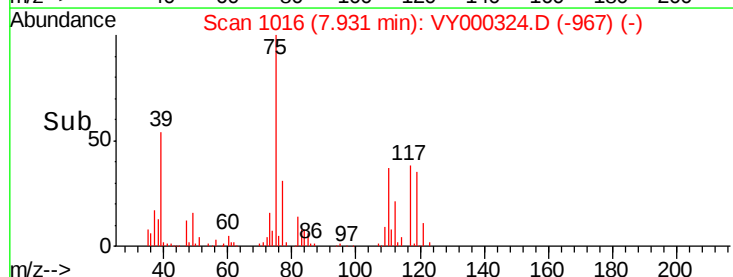
75 100

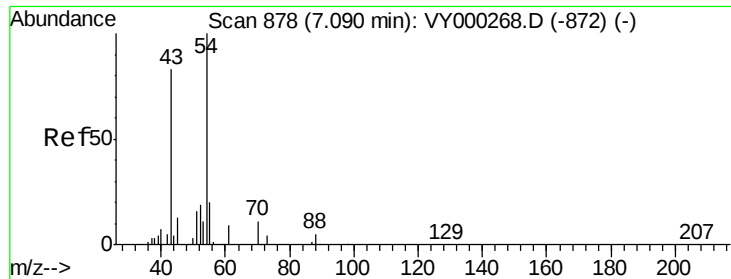
110 36.2 18.4 55.4

77 31.9 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VY0

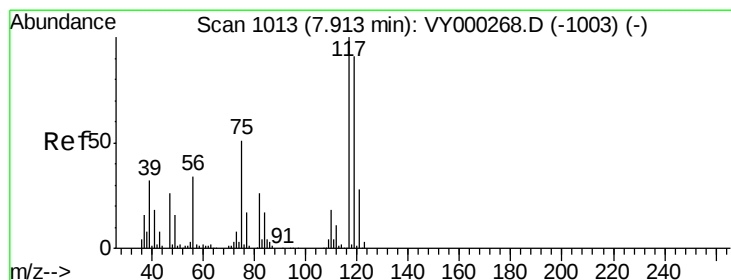
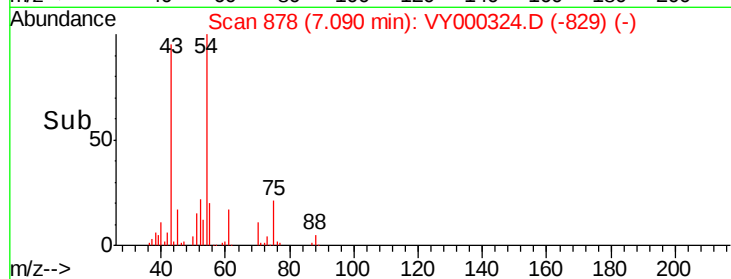
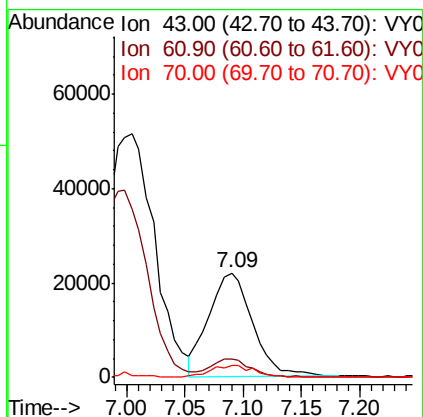
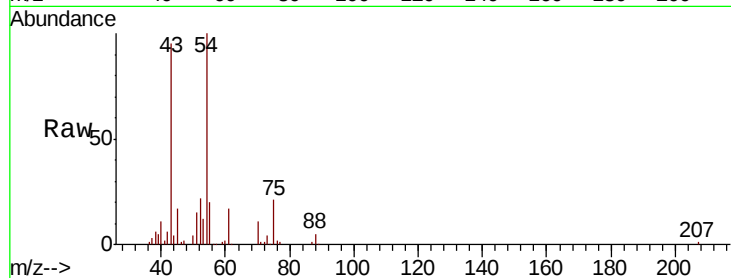




#37
Ethyl Acetate
Concen: 19.802 ug/l
RT: 7.09 min Scan# 878
Delta R.T. -0.00 min
Lab File: VY000324.D
Acq: 16 Oct 2019 13:03

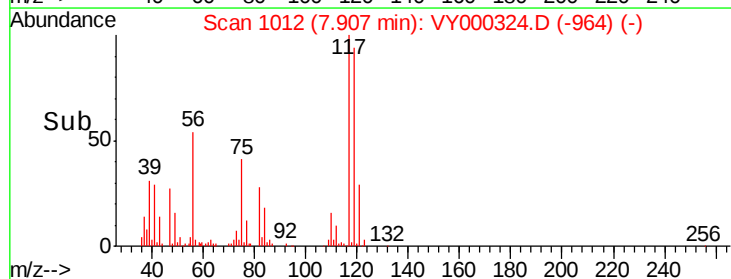
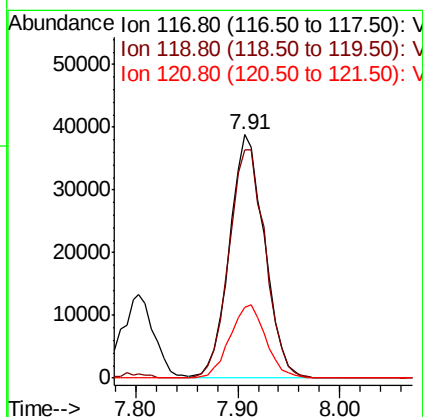
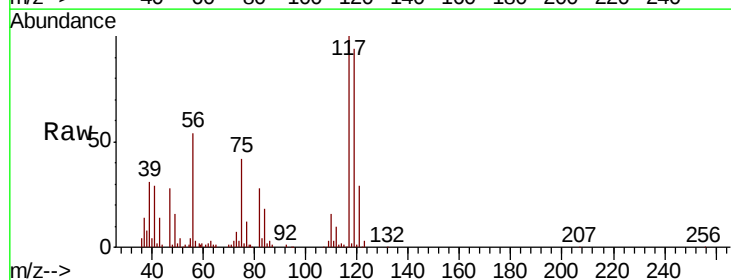
Instrument :
MSVOA_Y
ClientSampleId :

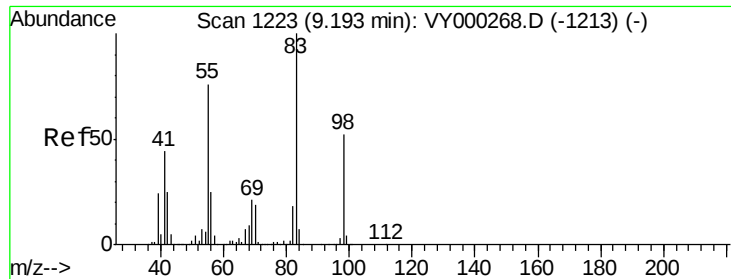
Tot Ion: 43 Resp: 57406
Ion Ratio Lower Upper
43 100
61 16.4 12.1 18.1
70 11.9 8.7 13.1



#38
Carbon Tetrachloride
Concen: 19.510 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000324.D
Acq: 16 Oct 2019 13:03

Tgt Ion: 117 Resp: 92489
Ion Ratio Lower Upper
117 100
119 93.9 72.8 109.2
121 28.9 22.2 33.2

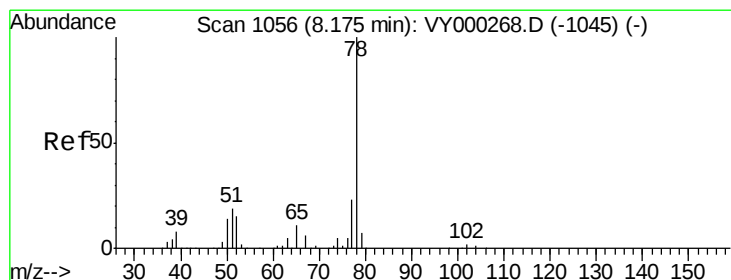
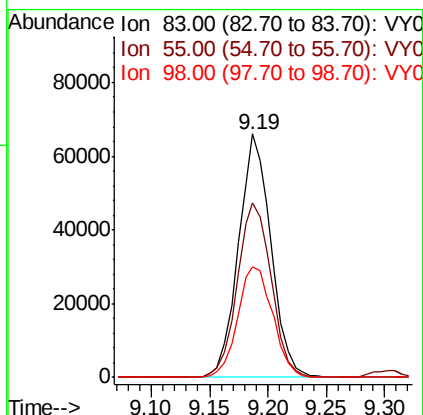
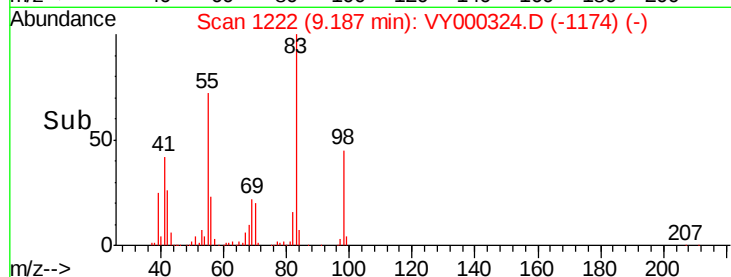
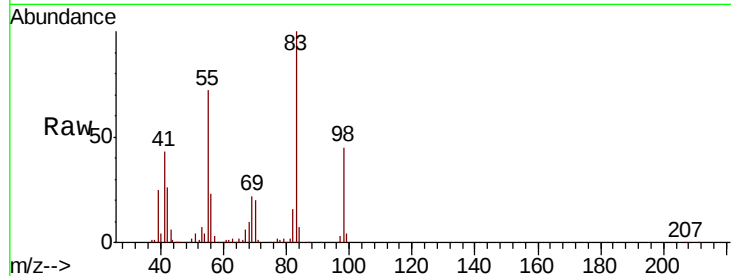




#39
Methylcyclohexane
Concen: 19.946 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY000324.D
Acq: 16 Oct 2019 13:03

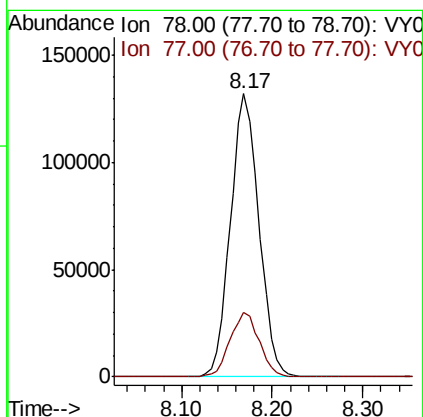
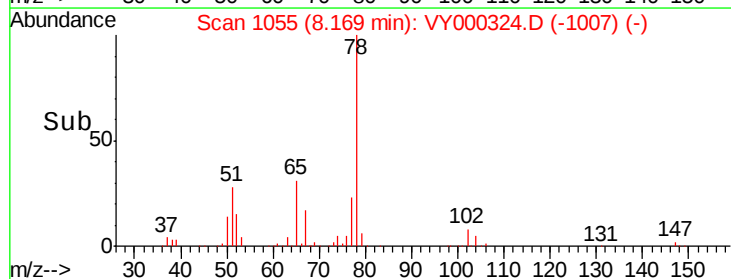
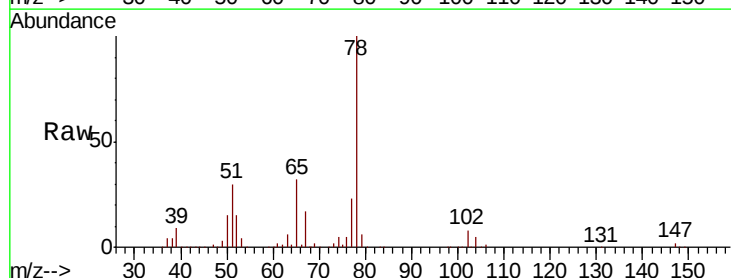
Instrument :
MSVOA_Y
ClientSampleId :

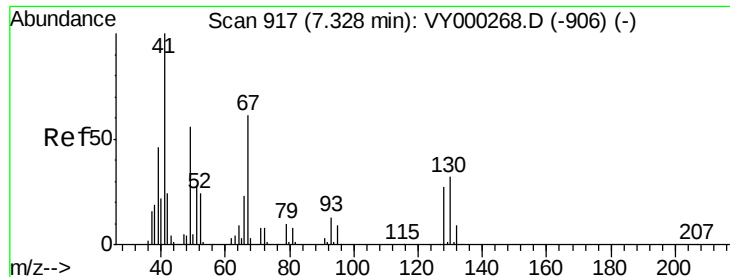
Tot Ion	Ratio	Lower	Upper
83	100		
55	71.6	60.9	91.3
98	45.4	41.8	62.6



#40
Benzene
Concen: 20.298 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000324.D
Acq: 16 Oct 2019 13:03

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.8	28.2

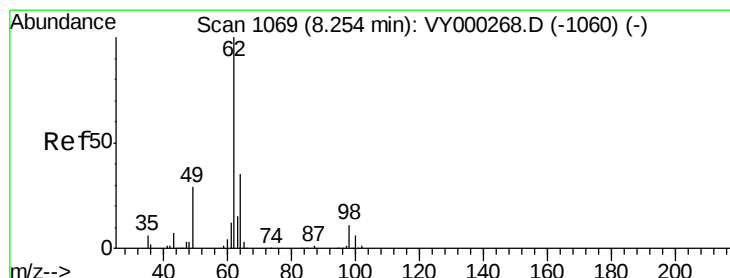
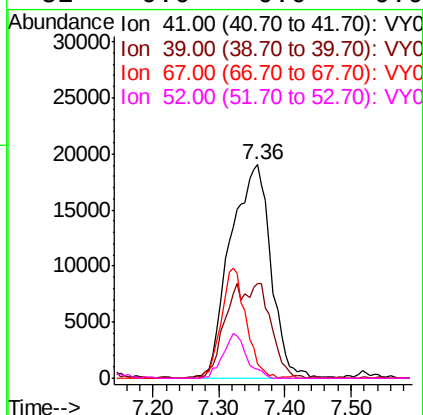
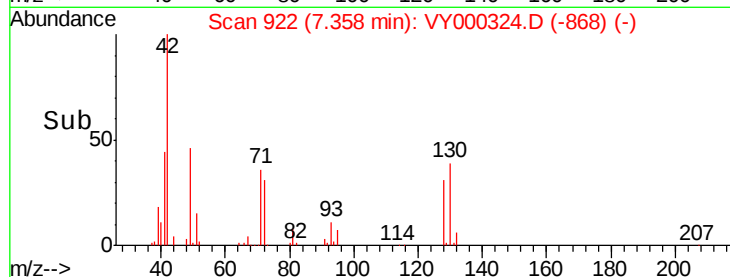
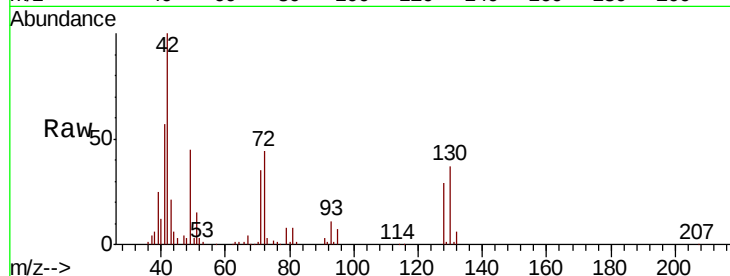




#41
Methacrylonitrile
Concen: 58.759 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.03 min
Lab File: VY000324.D
Acq: 16 Oct 2019 13:03

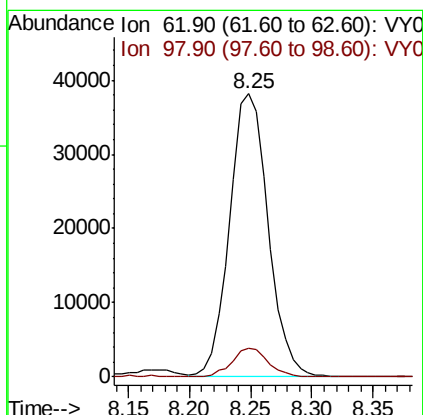
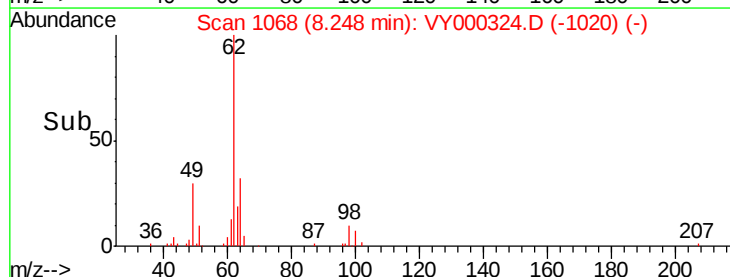
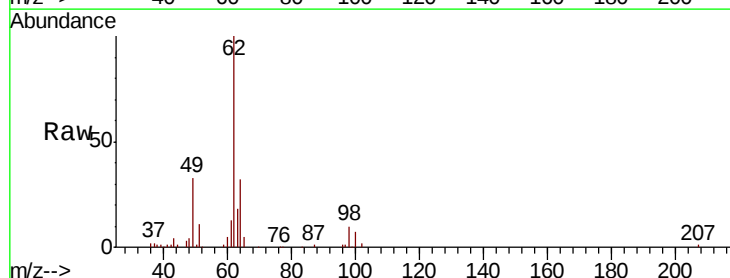
Instrument :
MSVOA_Y
ClientSampleId :

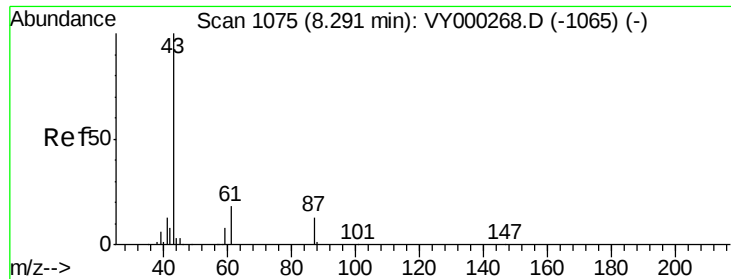
Tot Ion: 41 Resp: 81085
Ion Ratio Lower Upper
41 100
39 0.0 110.2 165.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 20.644 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY000324.D
Acq: 16 Oct 2019 13:03

Tgt Ion: 62 Resp: 83434
Ion Ratio Lower Upper
62 100
98 9.4 0.0 20.6





#43

Isopropyl Acetate

Concen: 20.731 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY000324.D

Acq: 16 Oct 2019 13:03

Instrument :

MSVOA_Y

ClientSampleId :

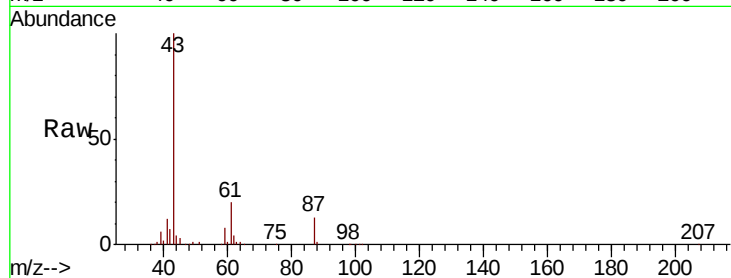
Tot Ion: 43 Resp: 114277

Ion Ratio Lower Upper

43 100

61 28.0 22.3 33.5

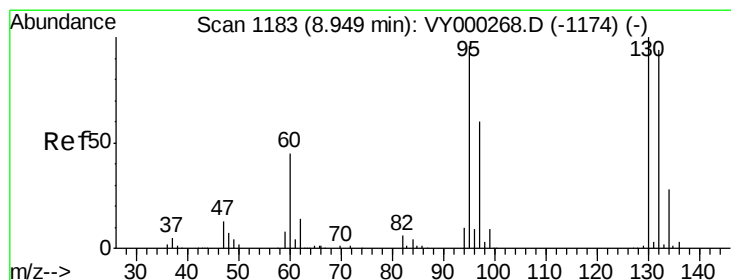
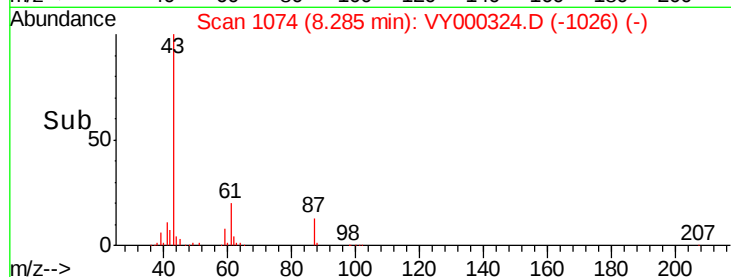
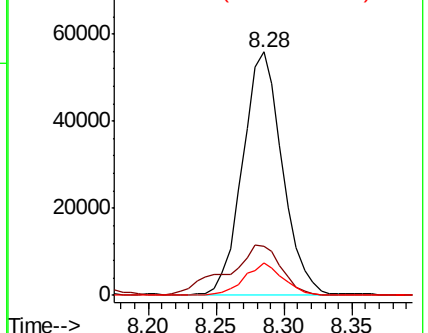
87 13.1 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VY000324.D (-1065) (-)

Ion 61.00 (60.70 to 61.70): VY000324.D (-1065) (-)

Ion 87.00 (86.70 to 87.70): VY000324.D (-1065) (-)



#44

Trichloroethene

Concen: 19.678 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. -0.00 min

Lab File: VY000324.D

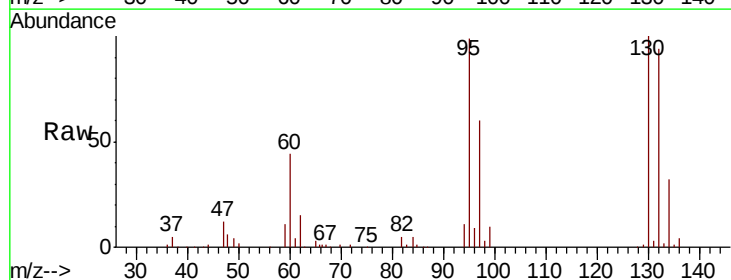
Acq: 16 Oct 2019 13:03

Tgt Ion:130 Resp: 78123

Ion Ratio Lower Upper

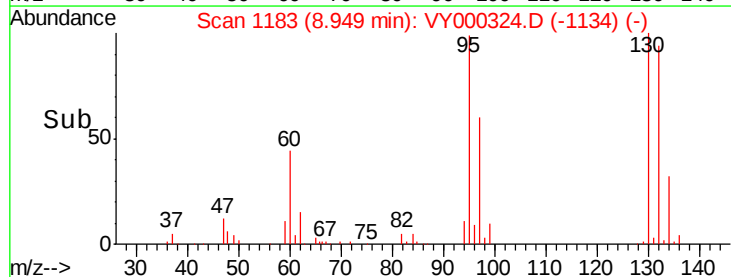
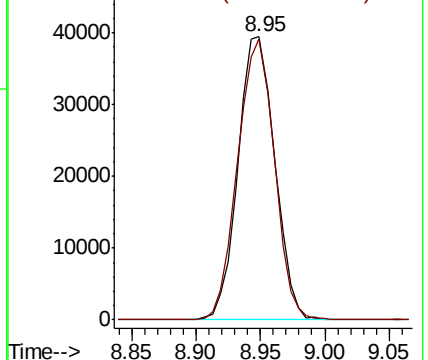
130 100

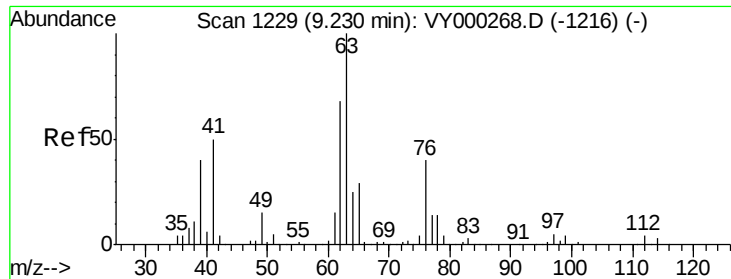
95 99.0 0.0 191.4



Abundance Ion 129.80 (129.50 to 130.50): VY000324.D (-1134) (-)

Ion 94.90 (94.60 to 95.60): VY000324.D (-1134) (-)

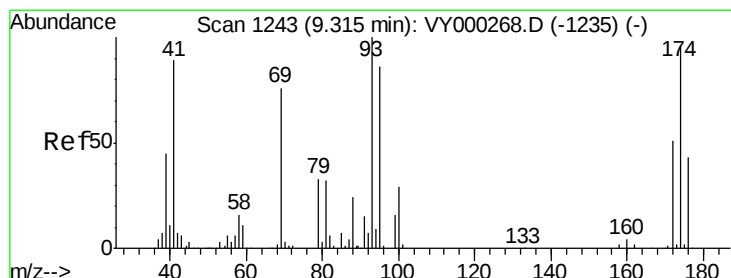
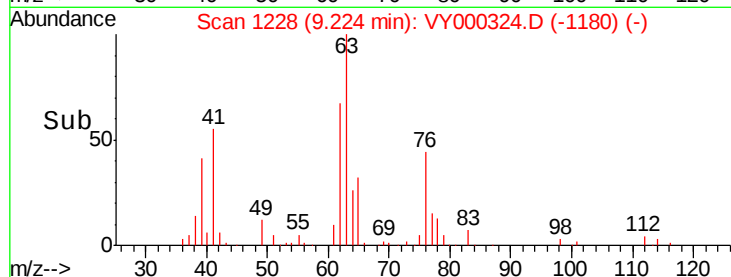
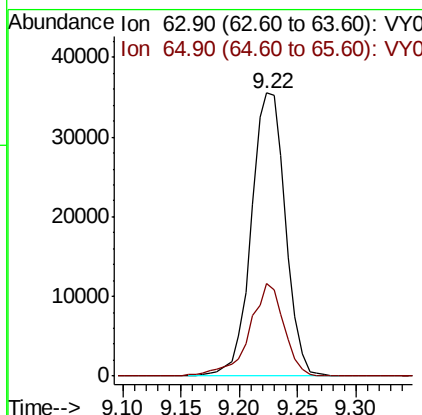
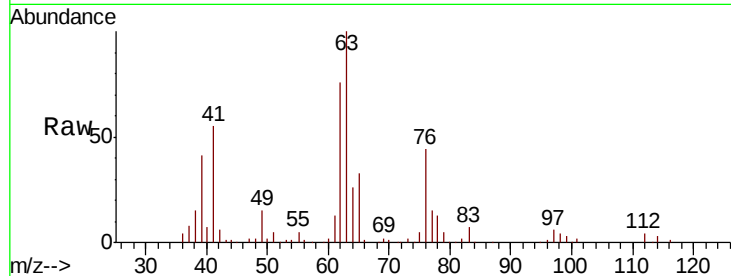




#45
 1,2-Dichloropropane
 Concen: 20.926 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY000324.D
 Acq: 16 Oct 2019 13:03

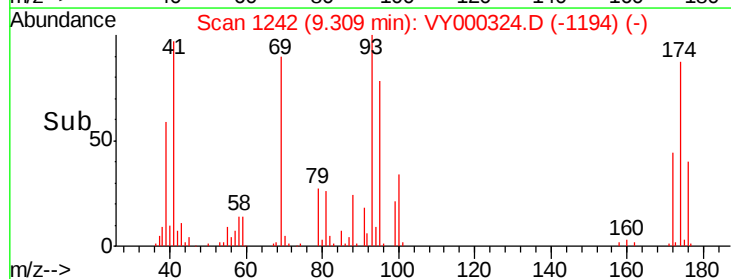
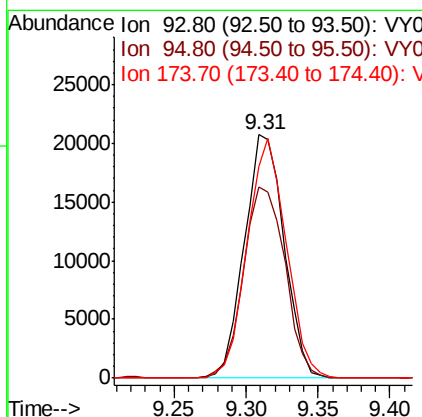
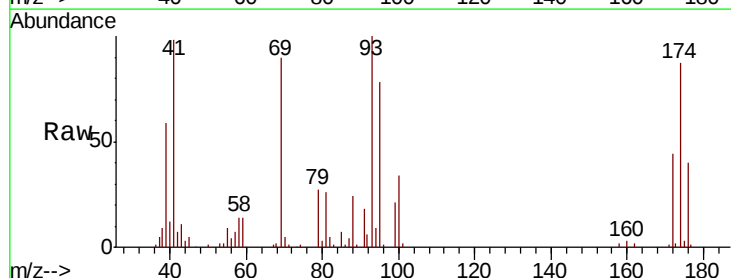
Instrument :
 MSVOA_Y
 ClientSampled :

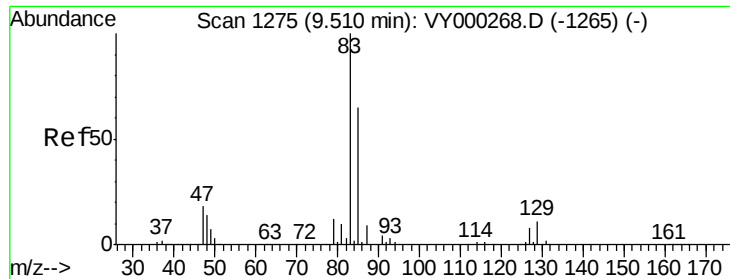
Tot Ion: 63 Resp: 72661
 Ion Ratio Lower Upper
 63 100
 65 32.5 23.2 34.8



#46
 Dibromomethane
 Concen: 20.349 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY000324.D
 Acq: 16 Oct 2019 13:03

Tgt Ion: 93 Resp: 39498
 Ion Ratio Lower Upper
 93 100
 95 82.6 68.2 102.2
 174 96.8 79.8 119.6

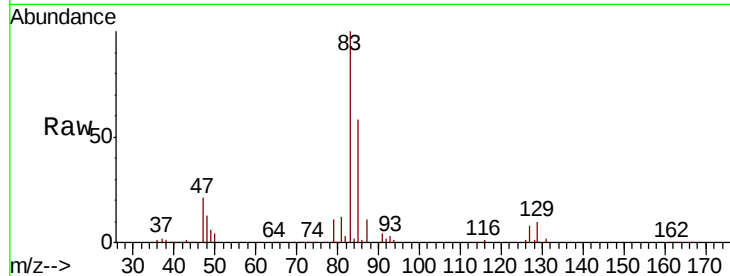




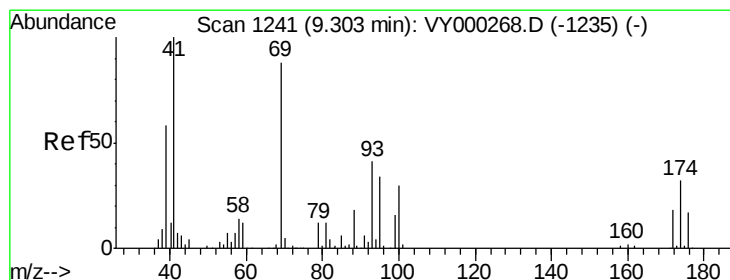
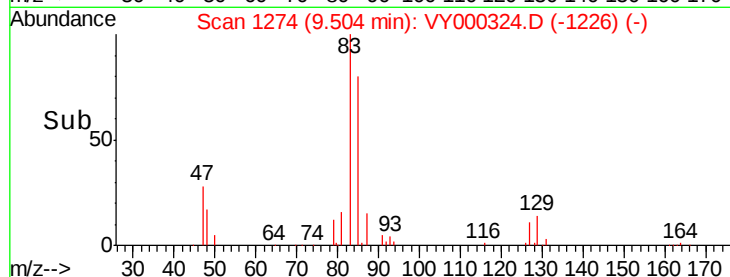
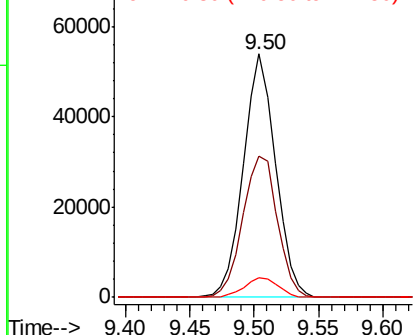
#47
Bromodichloromethane
Concen: 20.320 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VY000324.D
Acq: 16 Oct 2019 13:03

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 92952
Ion Ratio Lower Upper
83 100
85 58.1 52.2 78.2
127 8.3 6.3 9.5

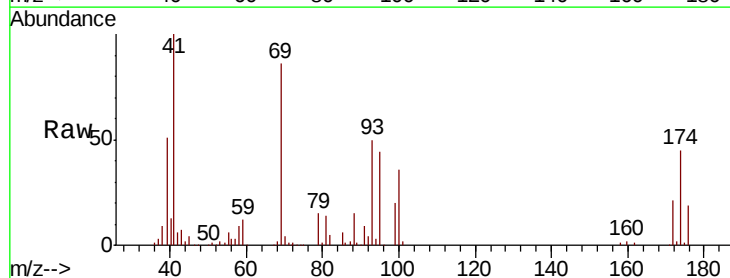


Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): V

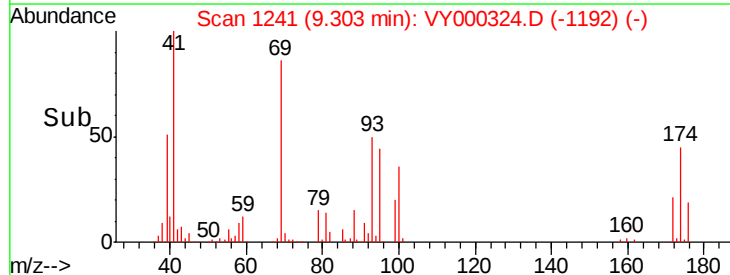
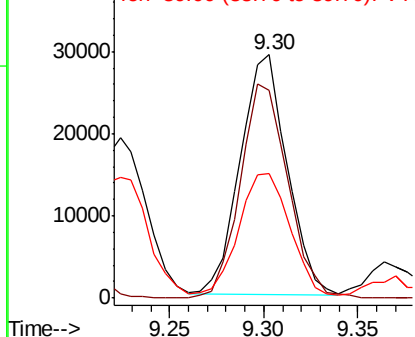


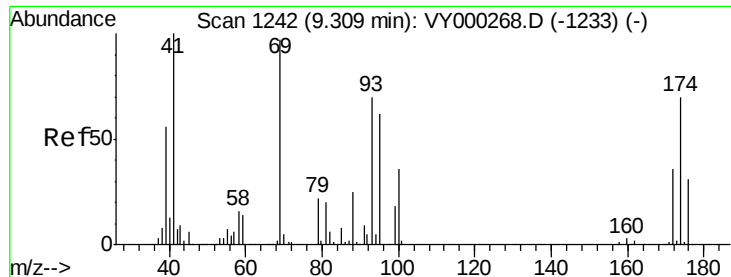
#48
Methyl methacrylate
Concen: 20.934 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY000324.D
Acq: 16 Oct 2019 13:03

Tgt Ion: 41 Resp: 50571
Ion Ratio Lower Upper
41 100
69 90.6 70.0 105.0
39 58.1 47.7 71.5



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

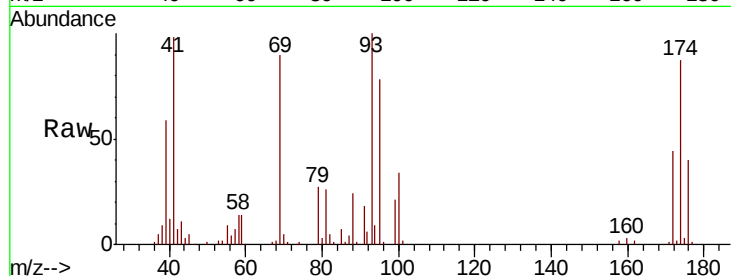




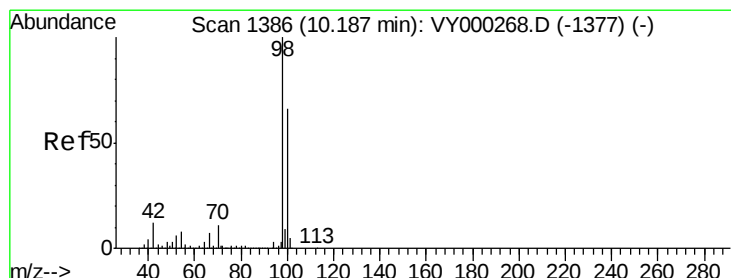
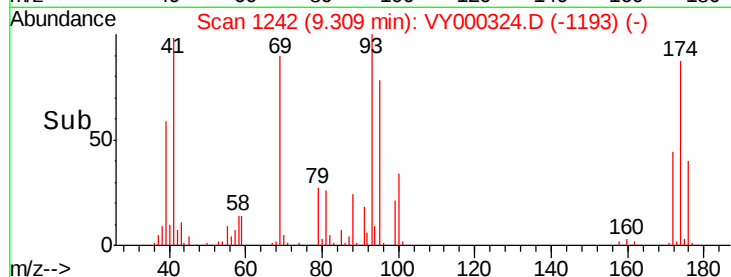
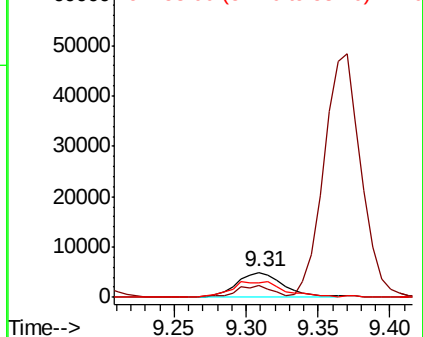
#49
1,4-Dioxane
Concen: 384.423 ug/l
RT: 9.31 min Scan# 1242
Delta R.T. -0.00 min
Lab File: VY000324.D
Acq: 16 Oct 2019 13:03

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 11188
Ion Ratio Lower Upper
88 100
43 35.9 25.6 38.4
58 72.5 54.6 81.8

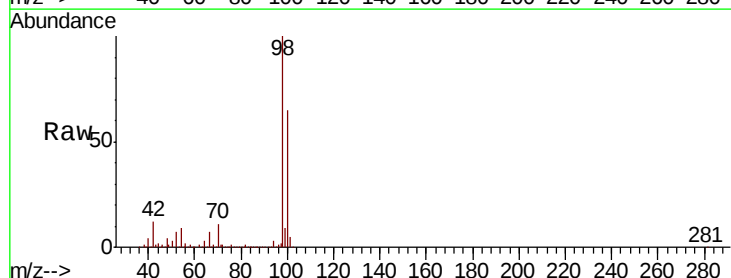


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

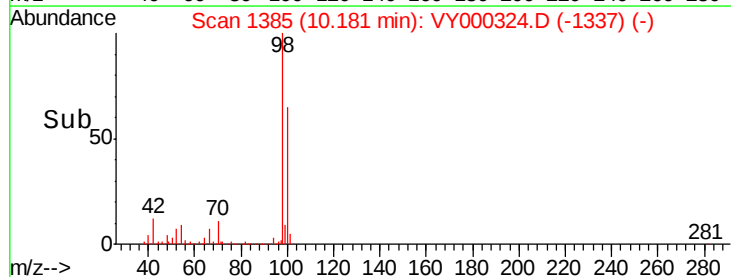
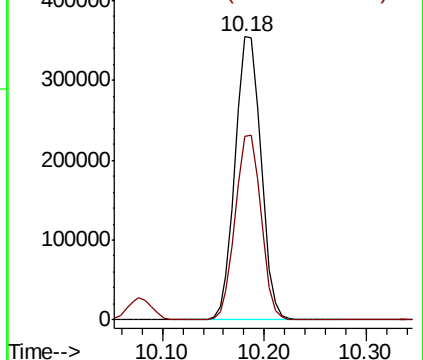


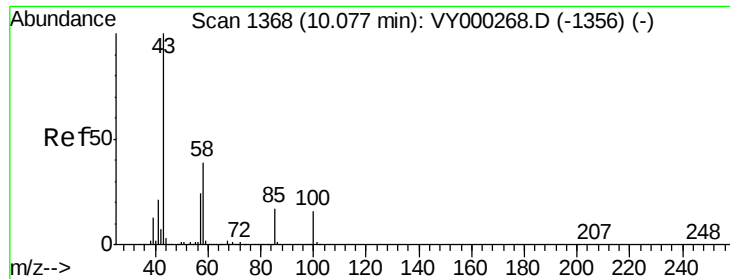
#50
Toluene-d8
Concen: 53.696 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY000324.D
Acq: 16 Oct 2019 13:03

Tgt Ion: 98 Resp: 623068
Ion Ratio Lower Upper
98 100
100 65.0 52.8 79.2



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

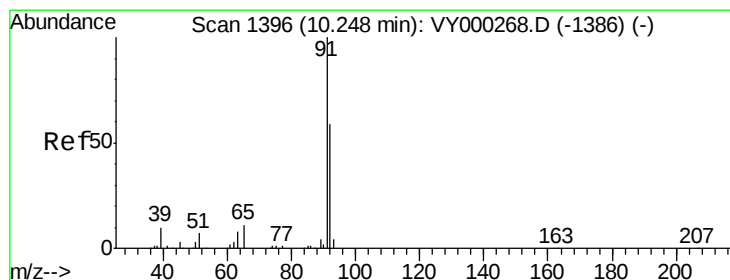
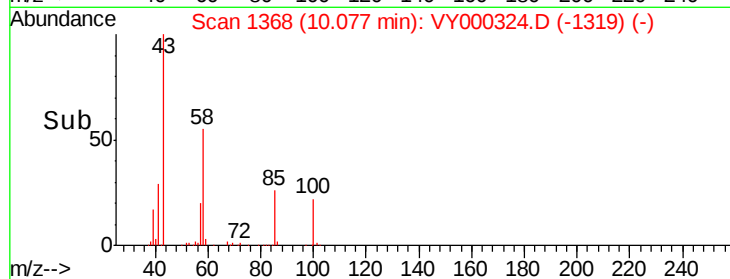
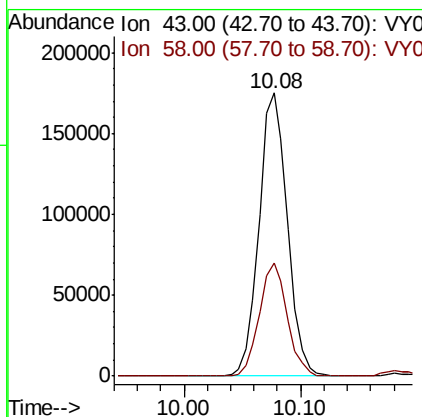
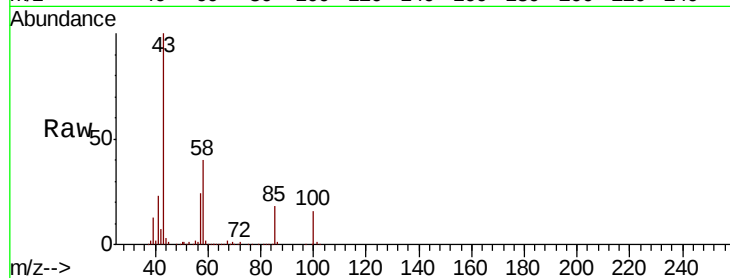




#51
 4-Methyl-2-Pentanone
 Concen: 104.280 ug/l
 RT: 10.08 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VY000324.D
 Acq: 16 Oct 2019 13:03

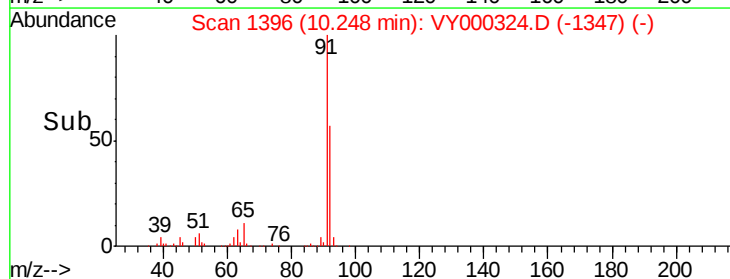
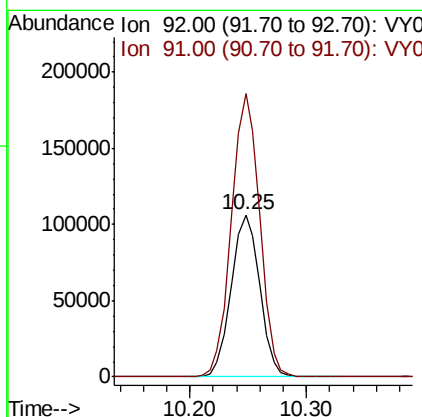
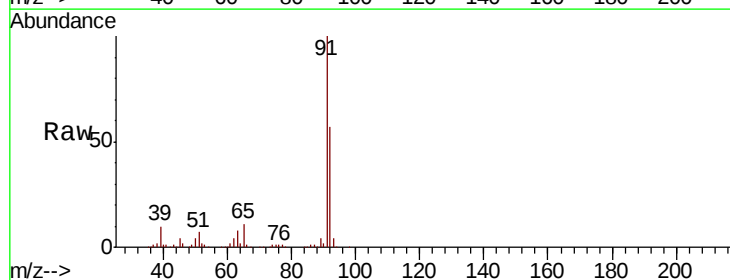
Instrument :
 MSVOA_Y
 ClientSampled :

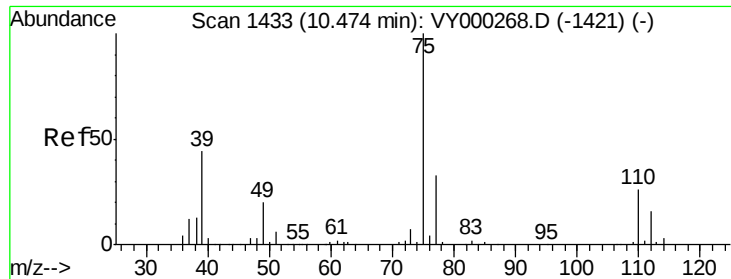
Tot Ion: 43 Resp: 296477
 Ion Ratio Lower Upper
 43 100
 58 39.3 31.0 46.6



#52
 Toluene
 Concen: 20.197 ug/l
 RT: 10.25 min Scan# 1396
 Delta R.T. -0.00 min
 Lab File: VY000324.D
 Acq: 16 Oct 2019 13:03

Tgt Ion: 92 Resp: 181435
 Ion Ratio Lower Upper
 92 100
 91 173.4 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 20.432 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY000324.D

Acq: 16 Oct 2019 13:03

Instrument :

MSVOA_Y

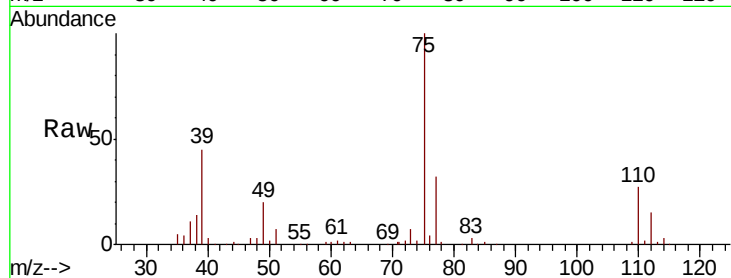
ClientSampleId :

Tot Ion: 75 Resp: 100169

Ion Ratio Lower Upper

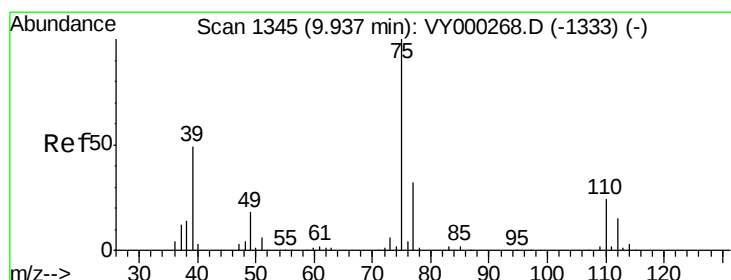
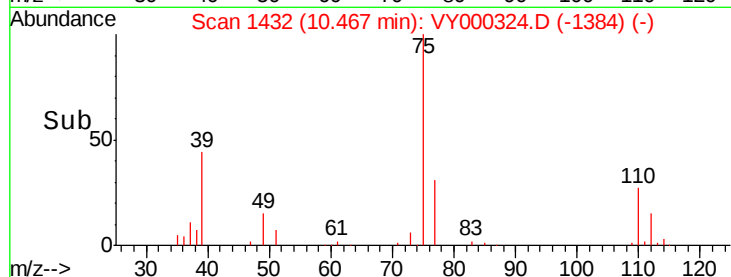
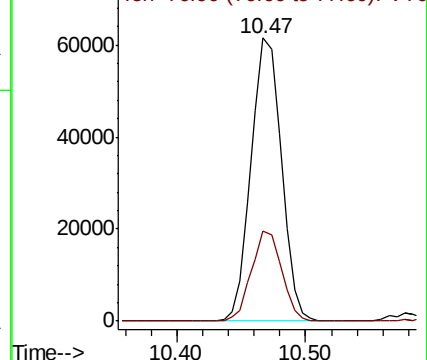
75 100

77 31.9 26.0 39.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 20.715 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VY000324.D

Acq: 16 Oct 2019 13:03

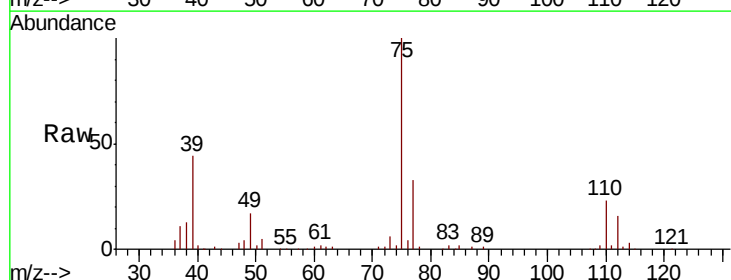
Tgt Ion: 75 Resp: 115328

Ion Ratio Lower Upper

75 100

77 32.7 26.0 39.0

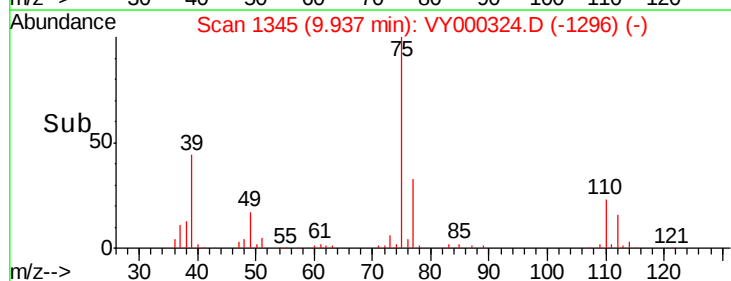
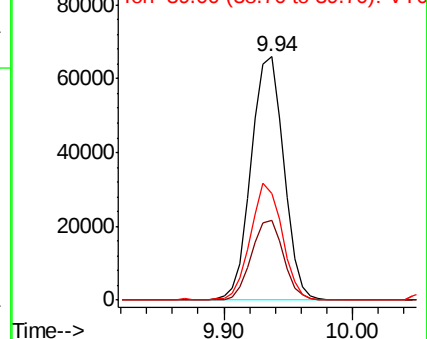
39 43.5 38.8 58.2

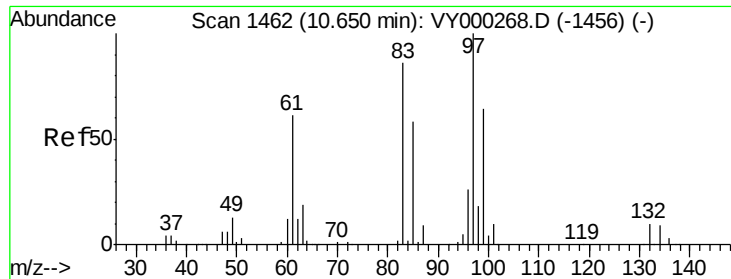


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

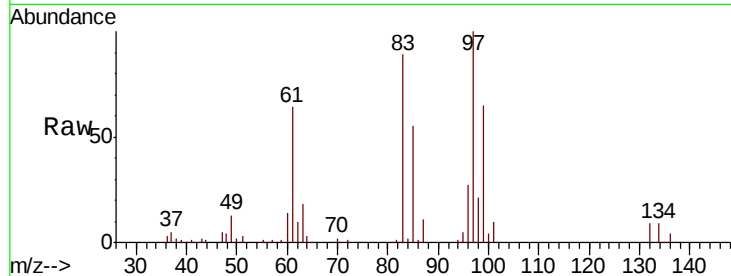




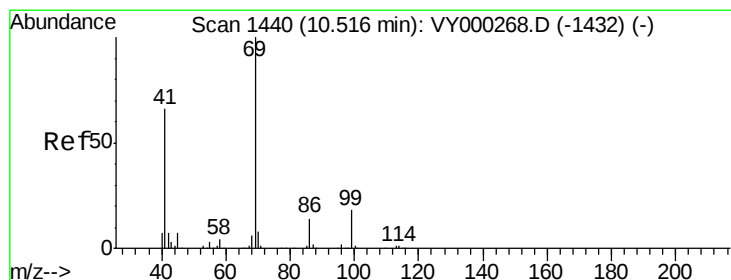
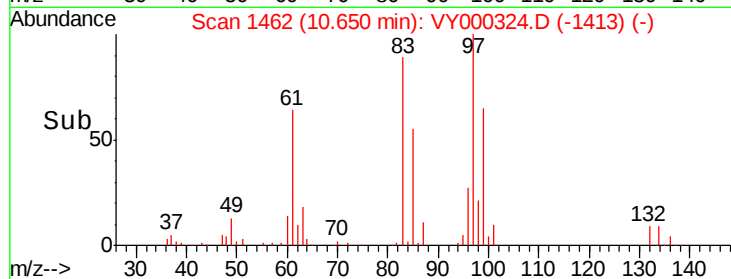
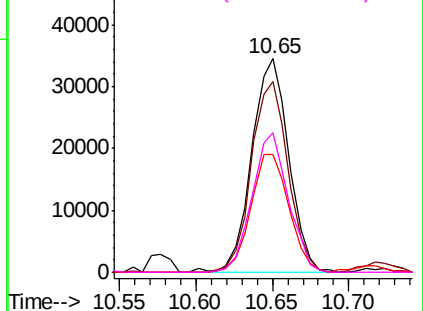
#55
 1,1,2-Trichloroethane
 Concen: 20.664 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VY000324.D
 Acq: 16 Oct 2019 13:03

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:	97	Resp:	58317
Ion	Ratio	Lower	Upper
97	100		
83	89.3	69.0	103.6
85	55.3	46.2	69.4
99	65.3	51.1	76.7

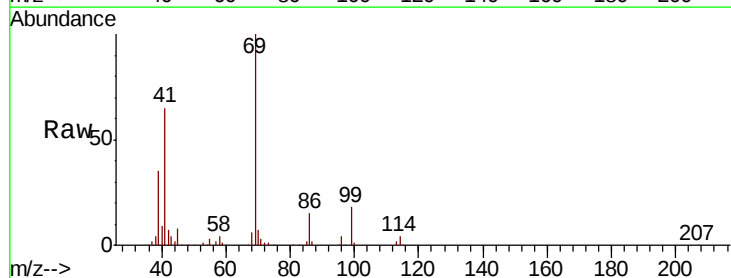


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

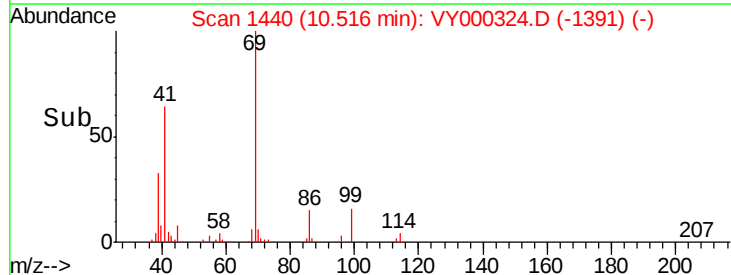
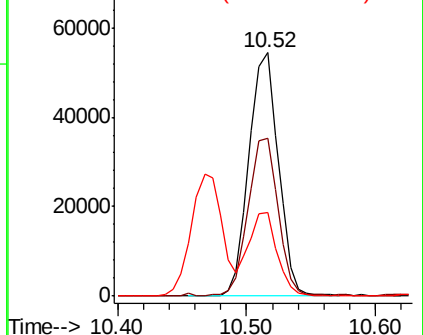


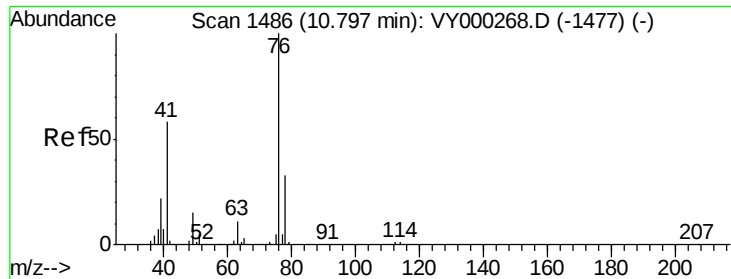
#56
 Ethyl methacrylate
 Concen: 21.293 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VY000324.D
 Acq: 16 Oct 2019 13:03

Tgt Ion:	69	Resp:	85655
Ion	Ratio	Lower	Upper
69	100		
41	65.0	52.5	78.7
39	33.6	26.7	40.1



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





#57

1,3-Dichloropropane

Concen: 20.991 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VY000324.D

Acq: 16 Oct 2019 13:03

Instrument :

MSVOA_Y

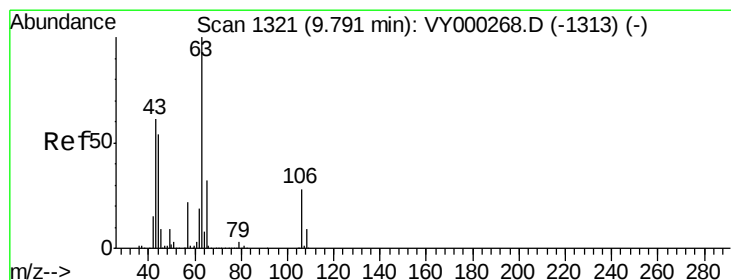
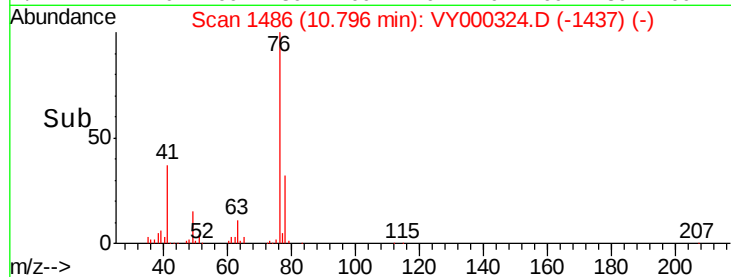
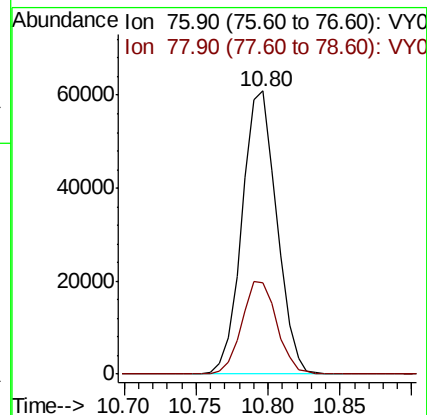
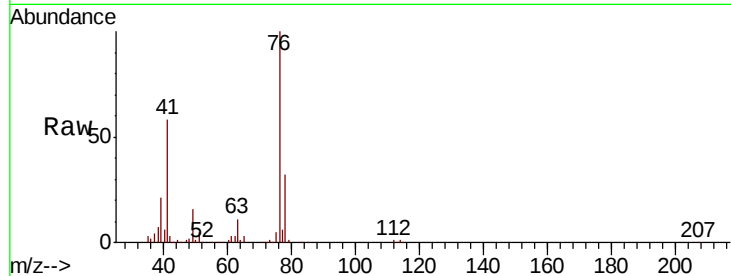
ClientSampleId :

Tot Ion: 76 Resp: 101741

Ion Ratio Lower Upper

76 100

78 32.9 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 128.128 ug/l

RT: 9.79 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VY000324.D

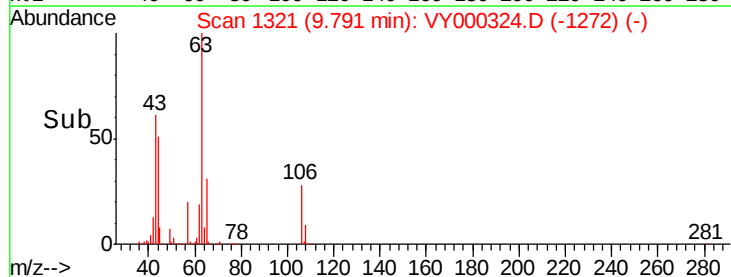
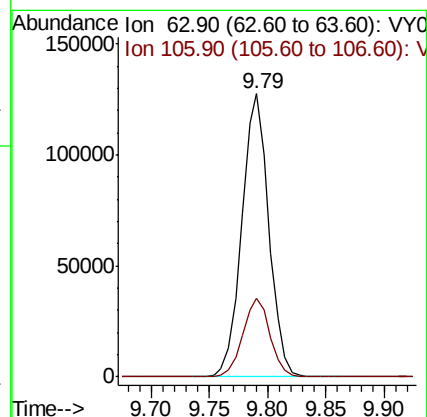
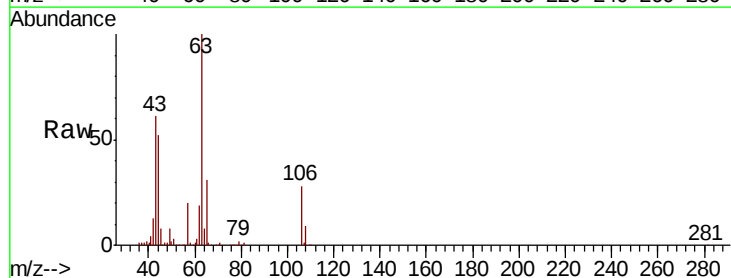
Acq: 16 Oct 2019 13:03

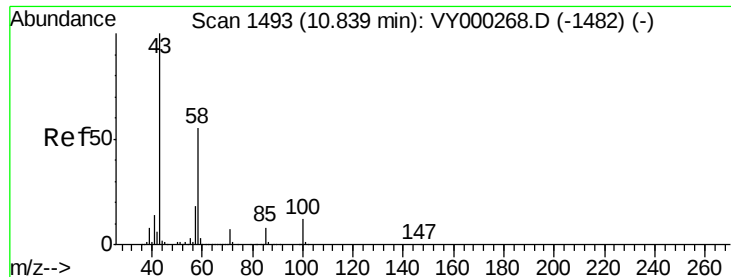
Tgt Ion: 63 Resp: 205582

Ion Ratio Lower Upper

63 100

106 27.9 23.0 34.4

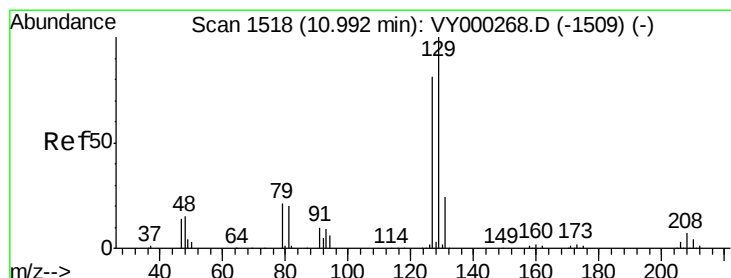
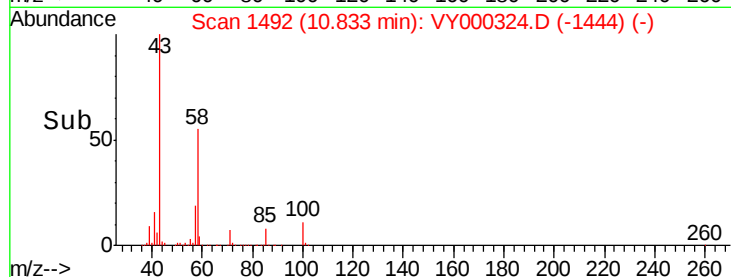
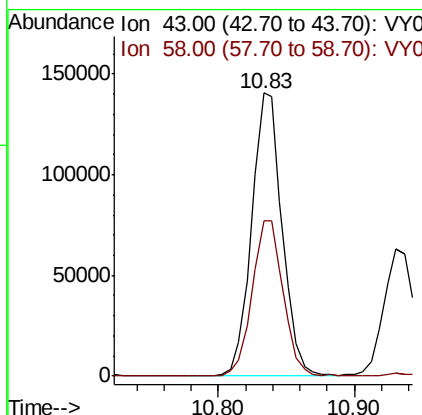
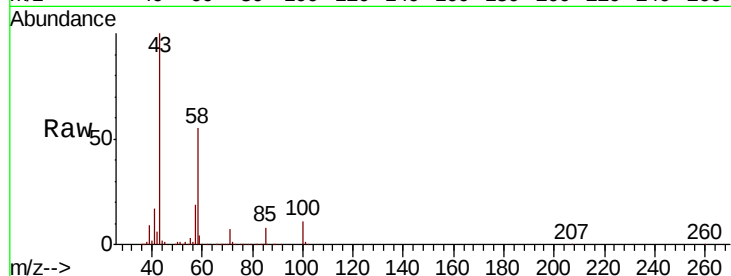




#59
2-Hexanone
Concen: 110.784 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY000324.D
Acq: 16 Oct 2019 13:03

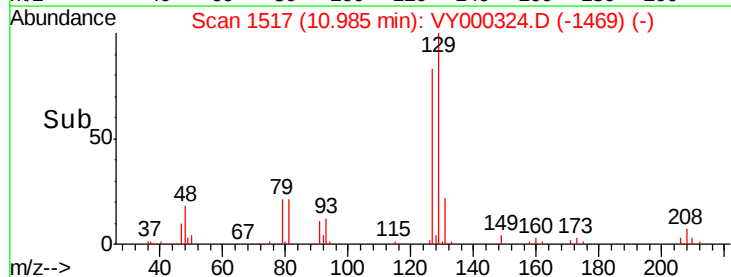
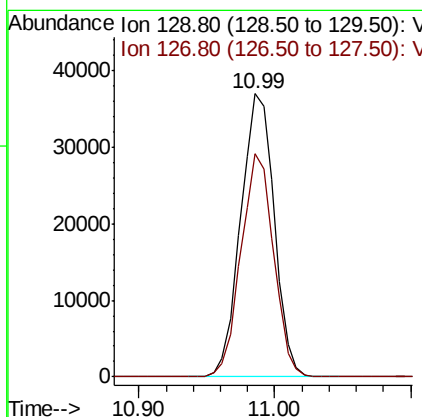
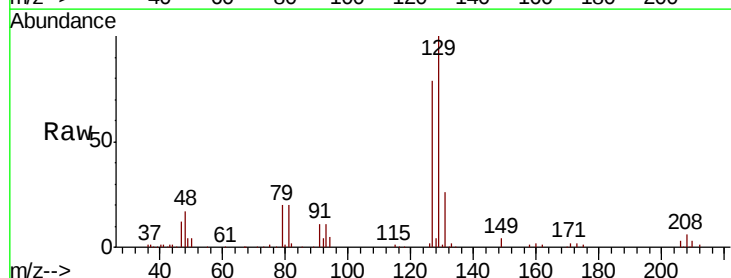
Instrument :
MSVOA_Y
ClientSampleId :

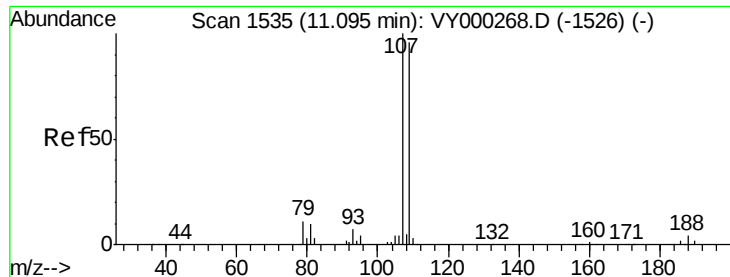
Tot Ion: 43 Resp: 221081
Ion Ratio Lower Upper
43 100
58 56.0 27.7 83.1



#60
Dibromochloromethane
Concen: 20.376 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY000324.D
Acq: 16 Oct 2019 13:03

Tgt Ion: 129 Resp: 63738
Ion Ratio Lower Upper
129 100
127 76.8 39.9 119.7

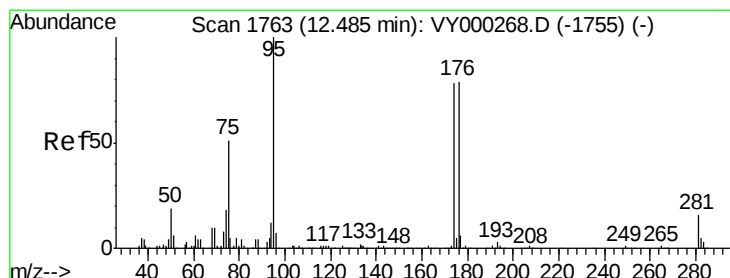
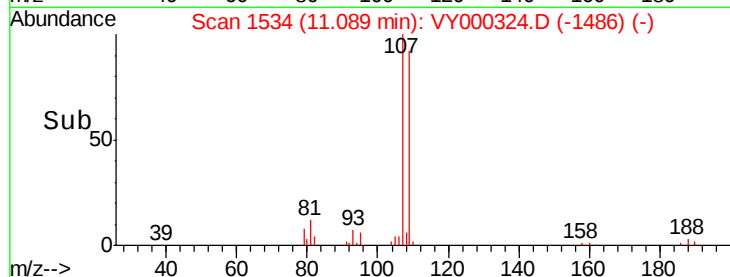
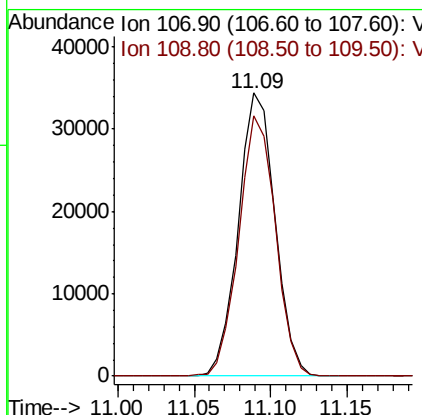
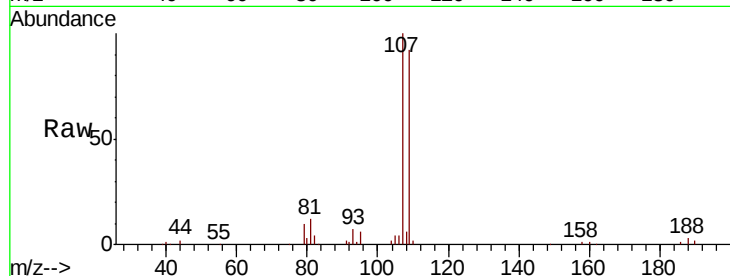




#61
 1,2-Dibromoethane
 Concen: 21.191 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY000324.D
 Acq: 16 Oct 2019 13:03

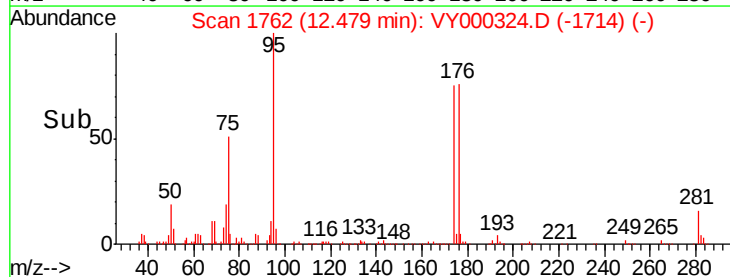
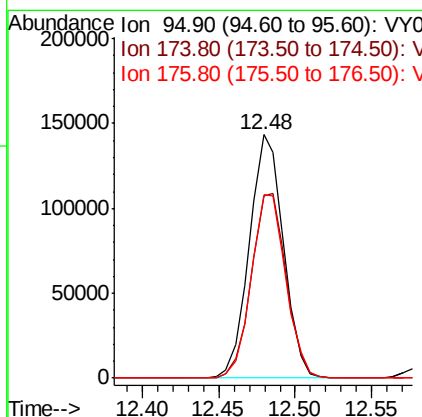
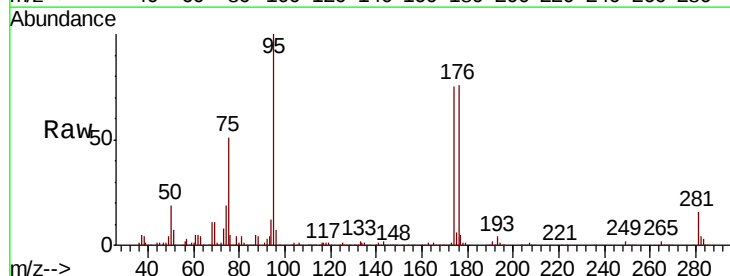
Instrument :
 MSVOA_Y
 ClientSampleId :

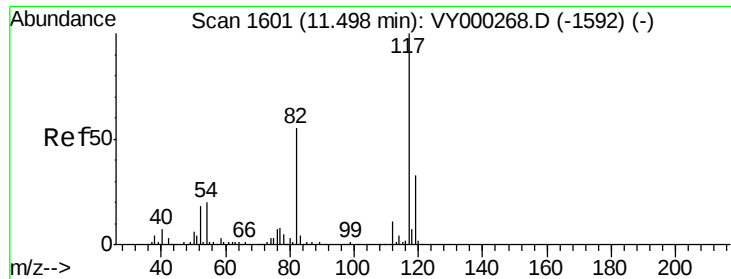
Tot Ion: 107 Resp: 57422
 Ion Ratio Lower Upper
 107 100
 109 91.7 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 50.378 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY000324.D
 Acq: 16 Oct 2019 13:03

Tgt Ion: 95 Resp: 222083
 Ion Ratio Lower Upper
 95 100
 174 77.4 0.0 159.6
 176 76.5 0.0 153.8

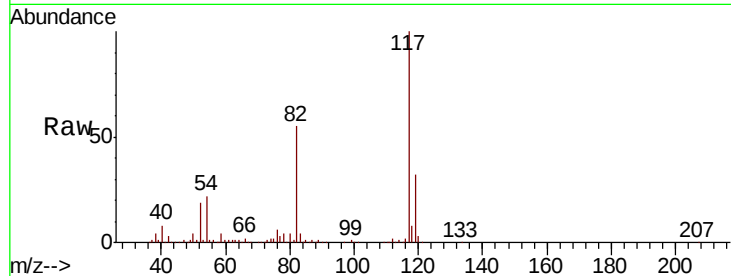




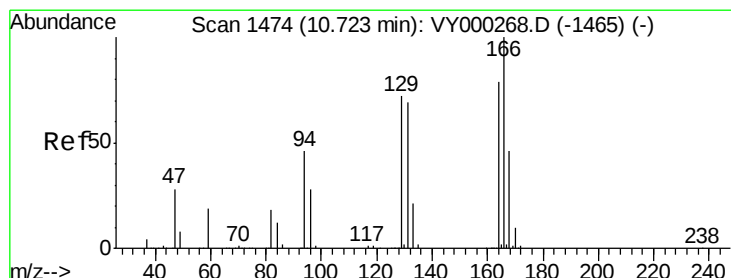
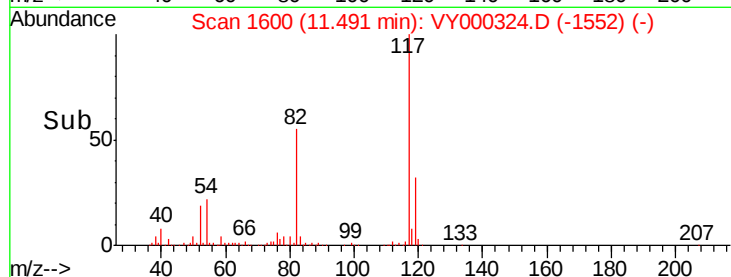
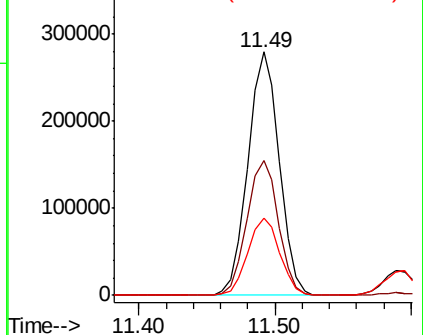
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000324.D
Acq: 16 Oct 2019 13:03

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 451166
Ion Ratio Lower Upper
117 100
82 55.2 43.7 65.5
119 31.5 26.6 39.8

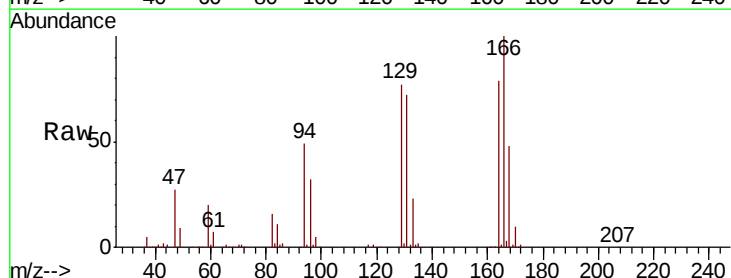


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

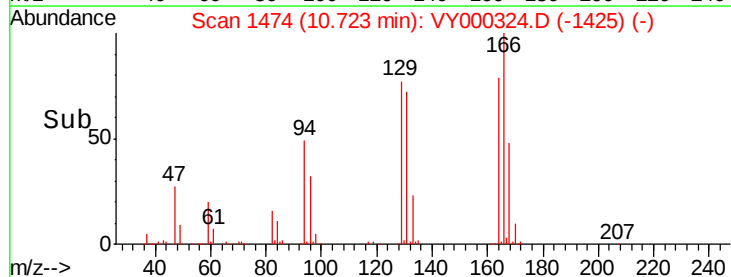
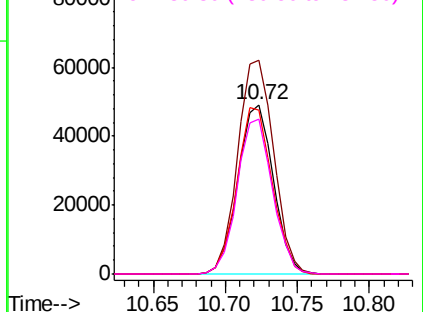


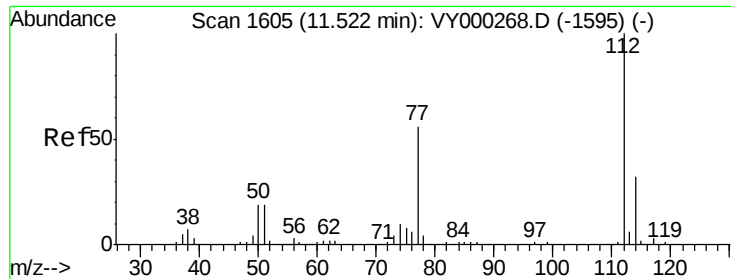
#64
Tetrachloroethene
Concen: 19.508 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY000324.D
Acq: 16 Oct 2019 13:03

Tgt Ion:164 Resp: 83789
Ion Ratio Lower Upper
164 100
166 126.2 100.6 151.0
129 96.7 72.8 109.2
131 91.3 69.4 104.2



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





#65

Chlorobenzene

Concen: 20.251 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. -0.01 min

Lab File: VY000324.D

Acq: 16 Oct 2019 13:03

Instrument :

MSVOA_Y

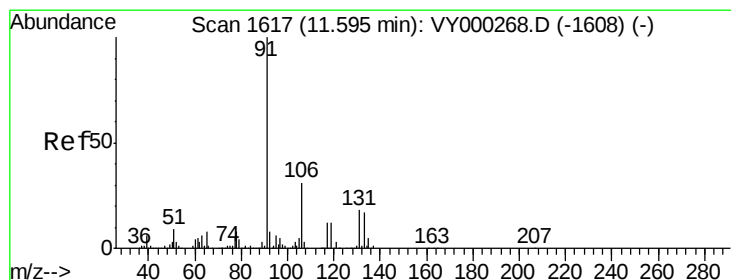
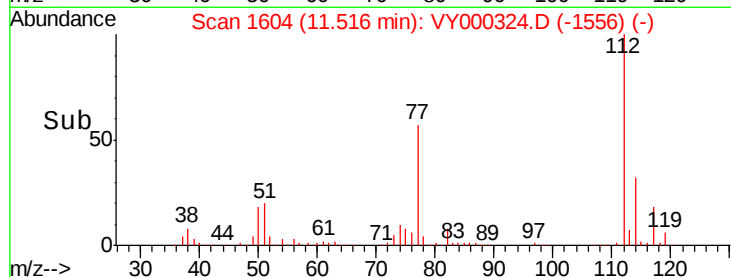
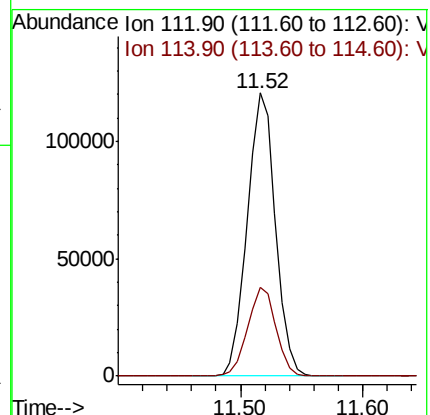
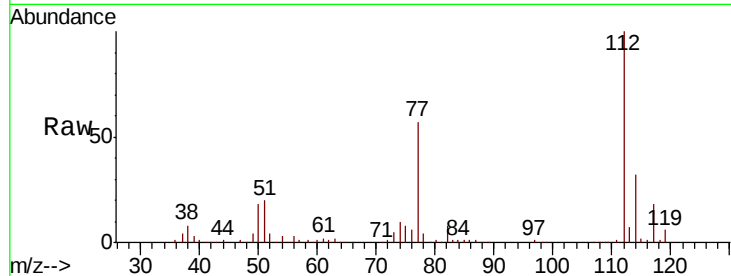
ClientSampled :

Tot Ion:112 Resp: 192819

Ion Ratio Lower Upper

112 100

114 31.6 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 20.604 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: VY000324.D

Acq: 16 Oct 2019 13:03

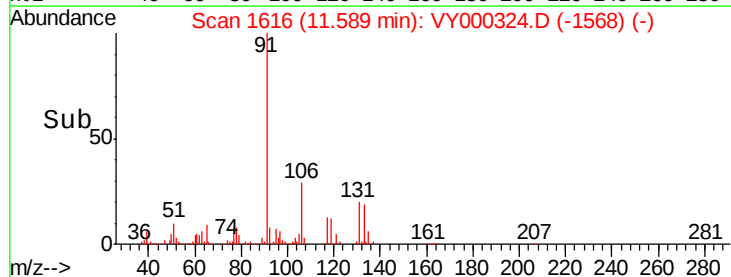
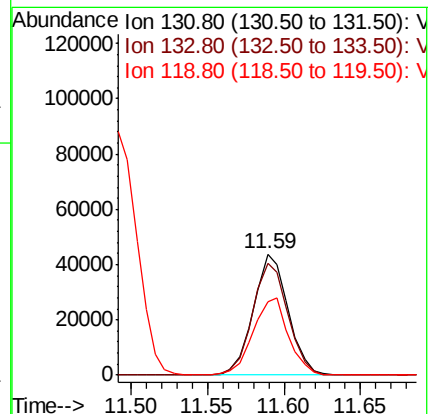
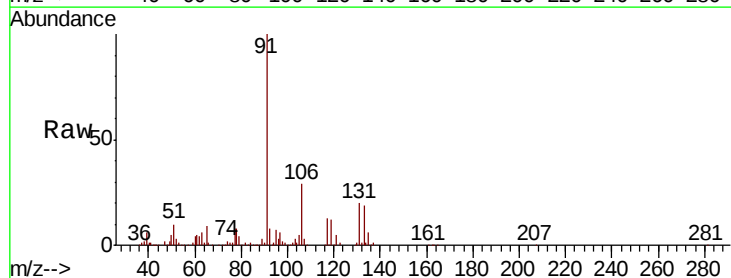
Tgt Ion:131 Resp: 68914

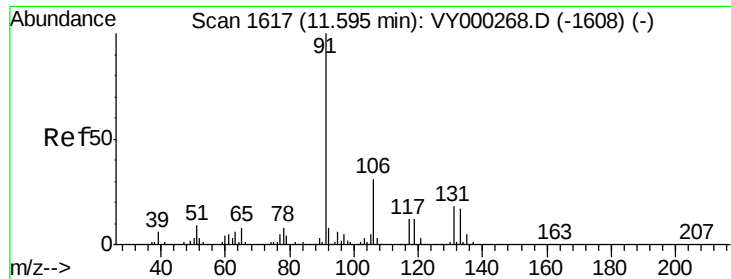
Ion Ratio Lower Upper

131 100

133 94.9 47.2 141.6

119 65.2 32.6 98.0

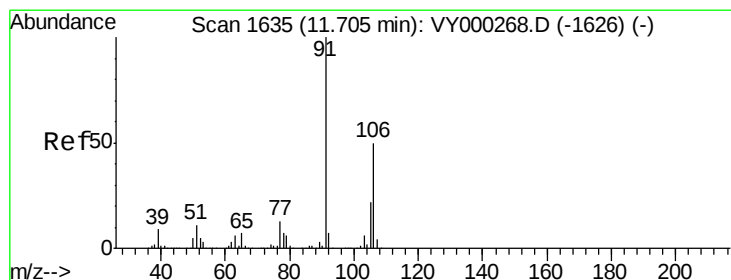
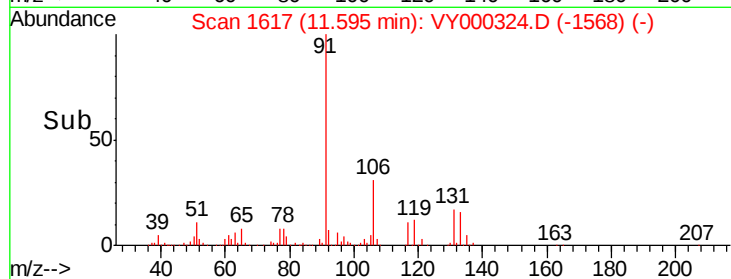
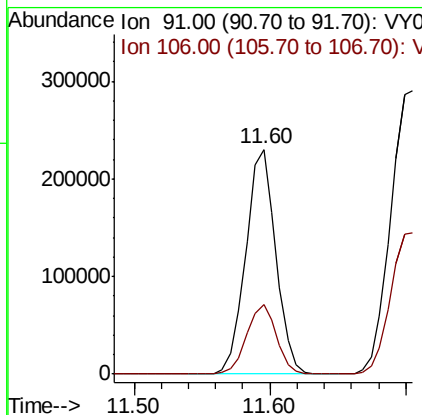
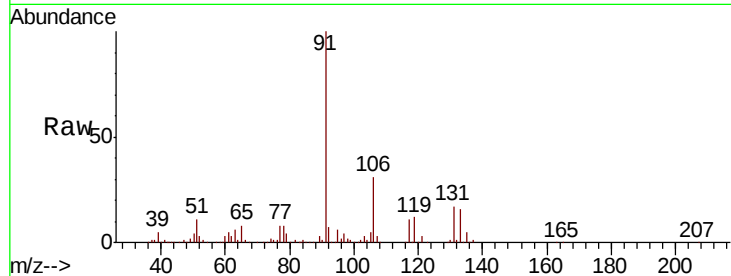




#67
Ethyl Benzene
Concen: 20.097 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY000324.D
Acq: 16 Oct 2019 13:03

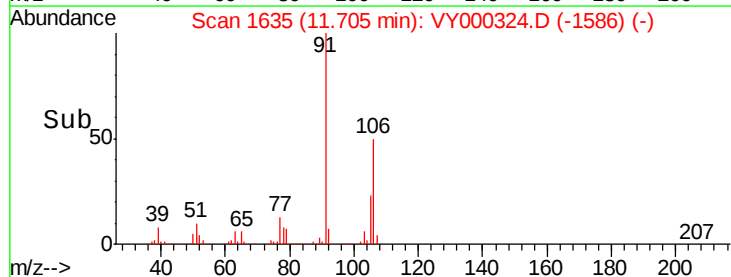
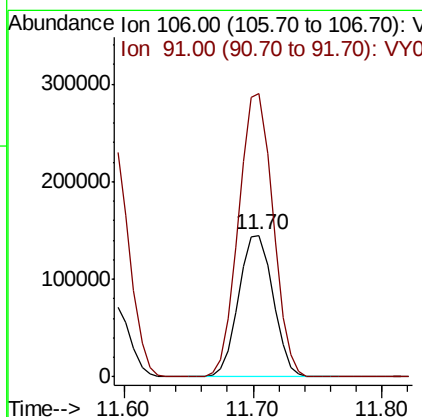
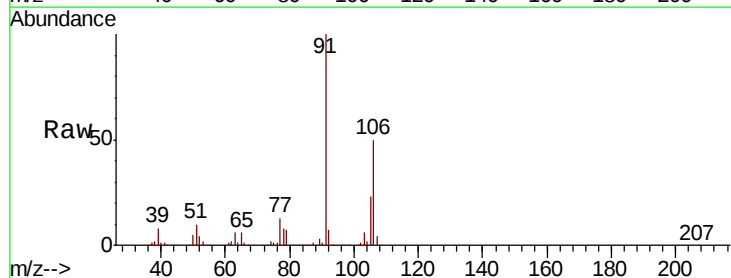
Instrument :
MSVOA_Y
ClientSampled :

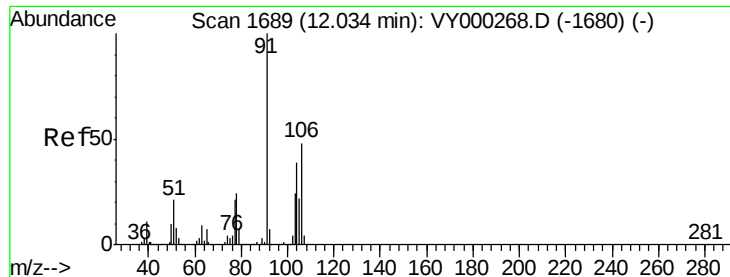
Tot Ion: 91 Resp: 354723
Ion Ratio Lower Upper
91 100
106 31.0 25.0 37.6



#68
m/p-Xylenes
Concen: 39.836 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VY000324.D
Acq: 16 Oct 2019 13:03

Tgt Ion: 106 Resp: 268799
Ion Ratio Lower Upper
106 100
91 200.0 157.5 236.3

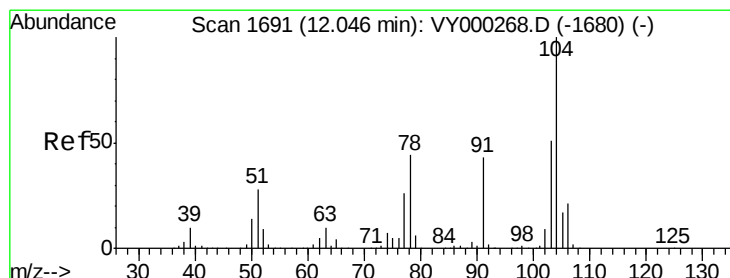
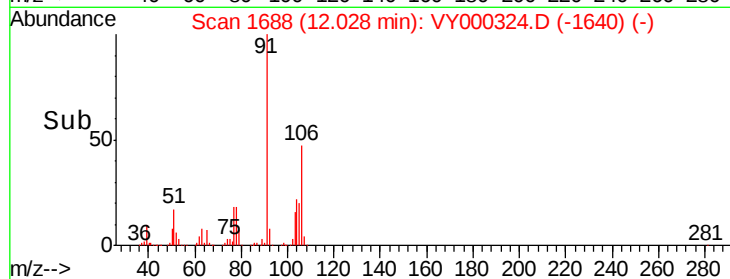
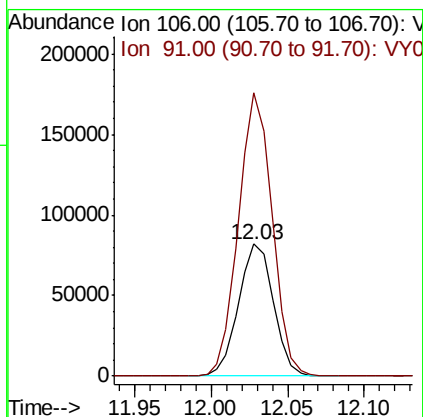
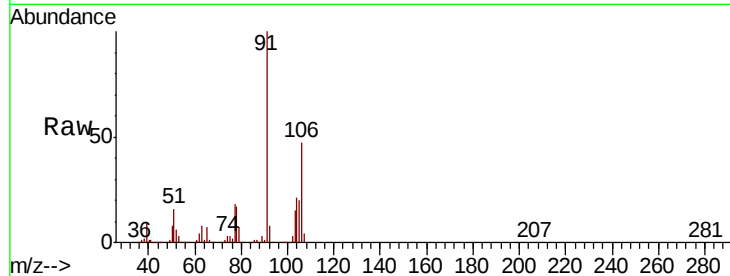




#69
o-Xylene
Concen: 20.113 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY000324.D
Acq: 16 Oct 2019 13:03

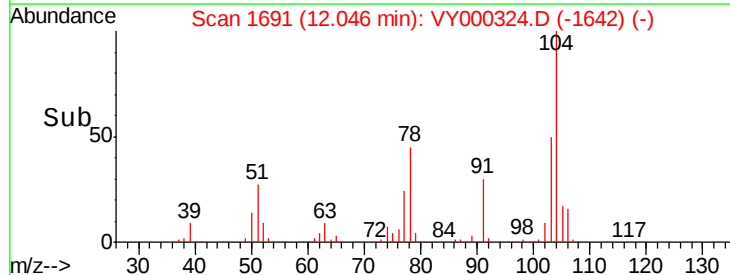
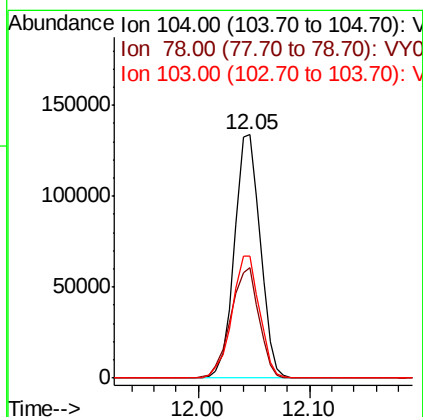
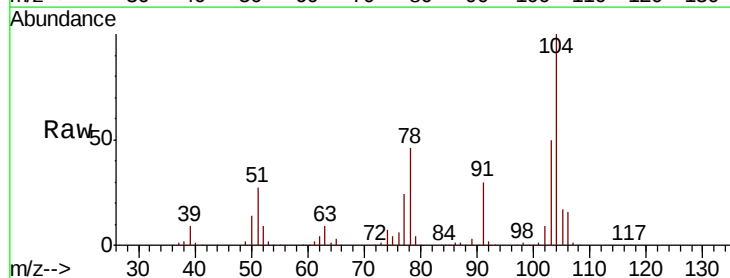
Instrument :
MSVOA_Y
ClientSampleId :

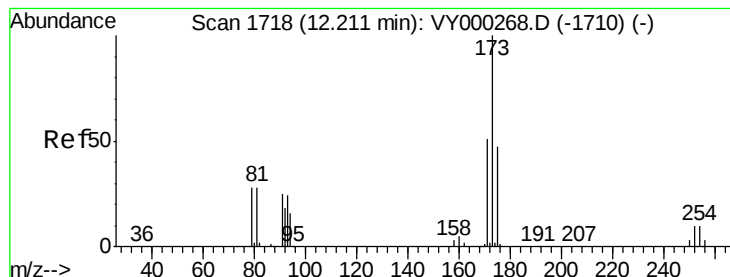
Tot Ion:106 Resp: 129470
Ion Ratio Lower Upper
106 100
91 208.1 104.7 313.9



#70
Styrene
Concen: 19.819 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY000324.D
Acq: 16 Oct 2019 13:03

Tgt Ion:104 Resp: 215155
Ion Ratio Lower Upper
104 100
78 49.6 39.0 58.6
103 53.9 43.1 64.7





#71

Bromoform

Concen: 20.324 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VY000324.D

Acq: 16 Oct 2019 13:03

Instrument :

MSVOA_Y

ClientSampleId :

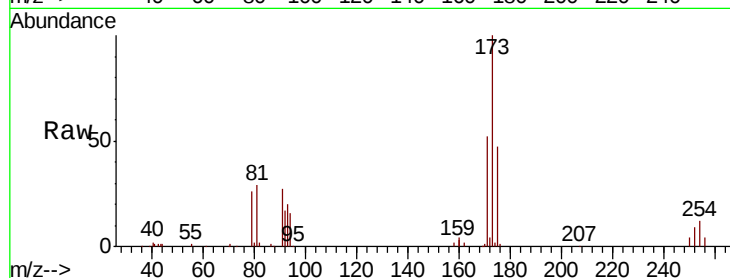
Tot Ion:173 Resp: 39078

Ion Ratio Lower Upper

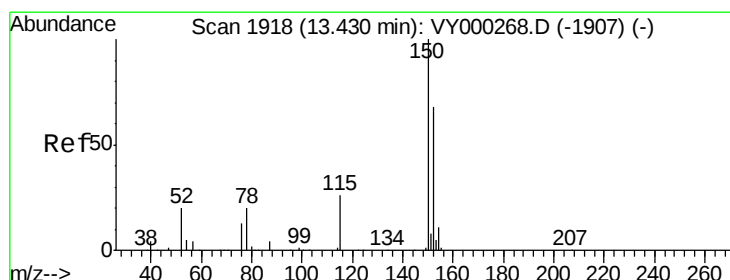
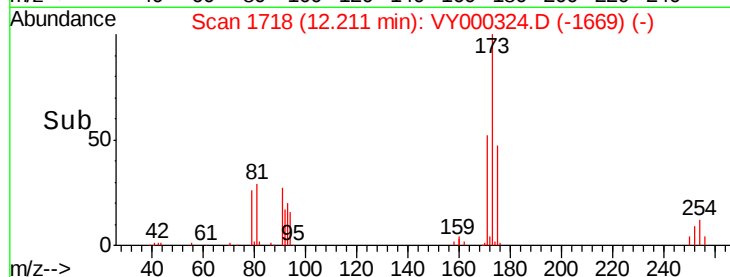
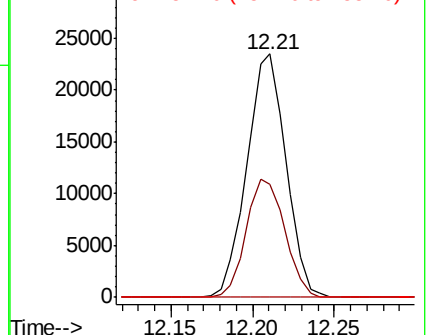
173 100

175 48.1 24.6 73.6

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY000324.D

Acq: 16 Oct 2019 13:03

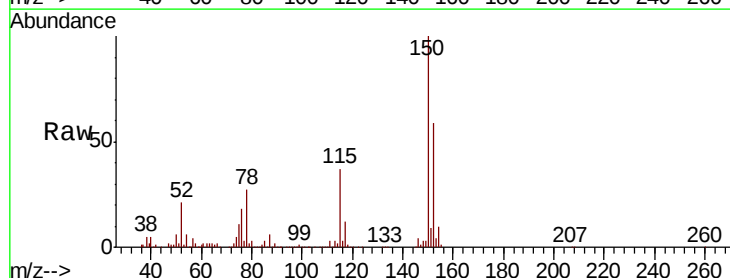
Tgt Ion:152 Resp: 217844

Ion Ratio Lower Upper

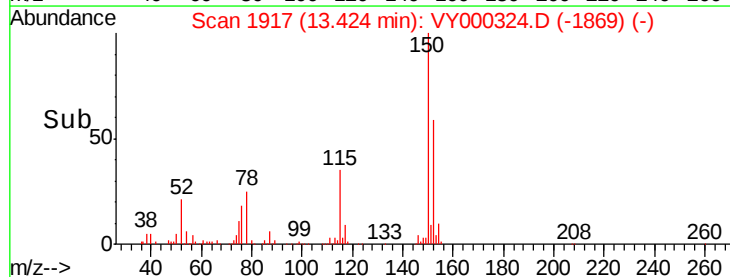
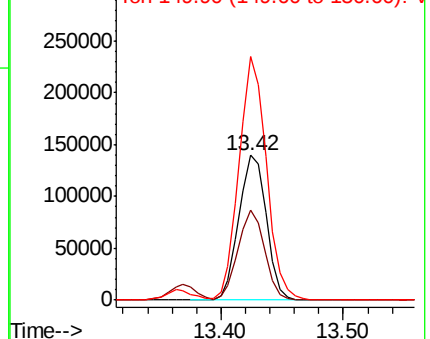
152 100

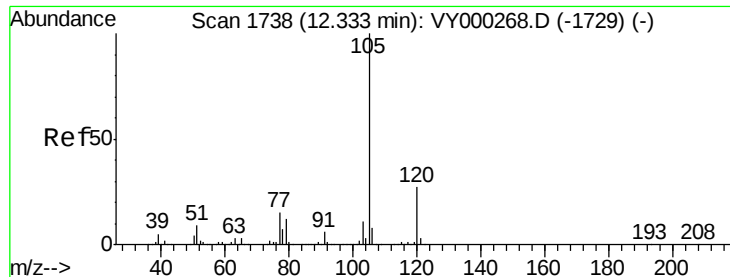
115 59.8 29.3 88.0

150 167.4 0.0 348.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

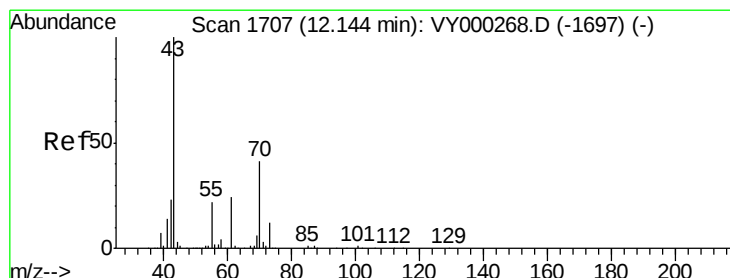
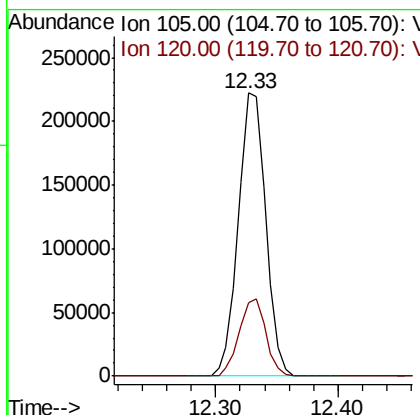
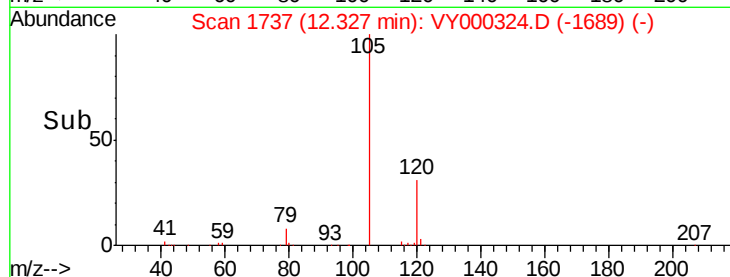
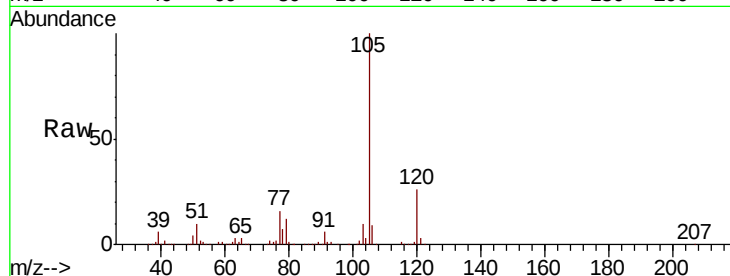




#73
Isopropylbenzene
Concen: 20.263 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.01 min
Lab File: VY000324.D
Acq: 16 Oct 2019 13:03

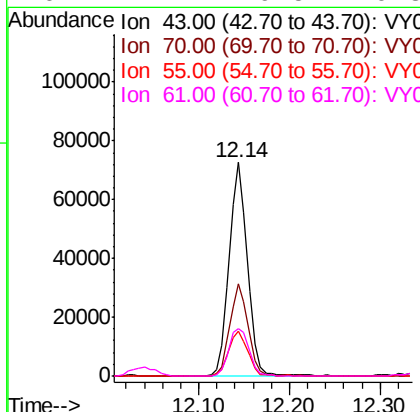
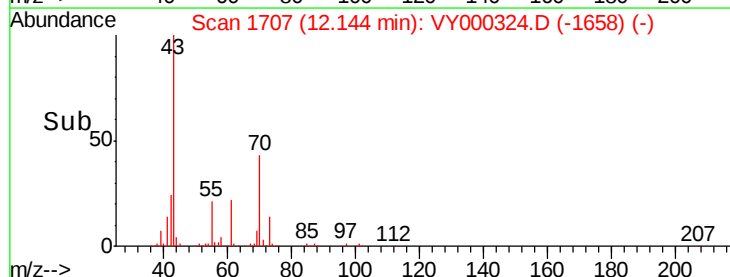
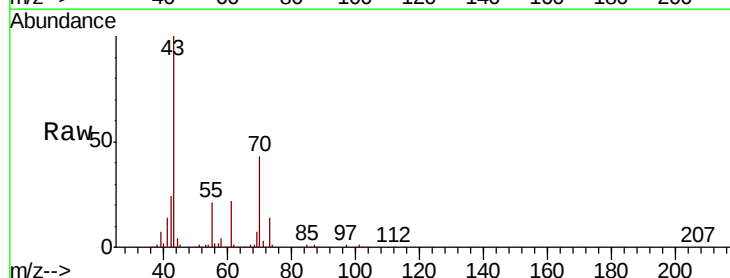
Instrument :
MSVOA_Y
ClientSampleId :

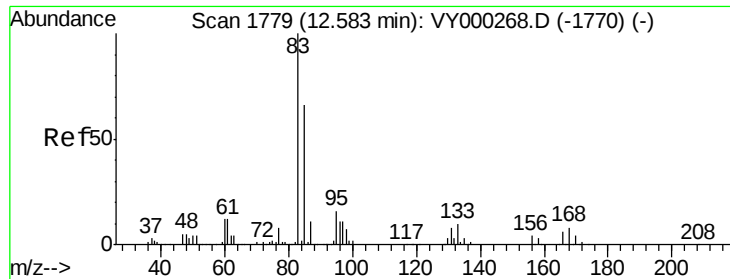
Tot Ion:105 Resp: 344185
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.2



#74
N-ethyl acetate
Concen: 24.397 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VY000324.D
Acq: 16 Oct 2019 13:03

Tgt Ion: 43 Resp: 101735
Ion Ratio Lower Upper
43 100
70 42.4 32.9 49.3
55 22.2 17.8 26.6
61 24.4 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.813 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000324.D

Acq: 16 Oct 2019 13:03

Instrument :

MSVOA_Y

ClientSampleId :

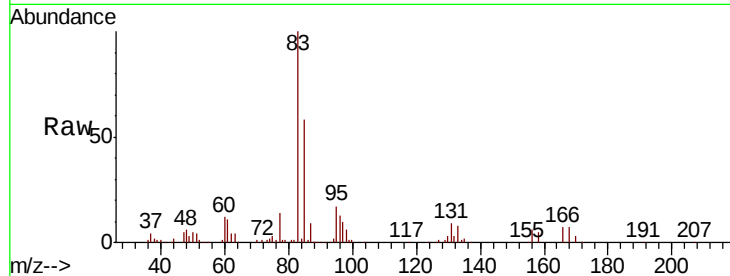
Tot Ion: 83 Resp: 66378

Ion Ratio Lower Upper

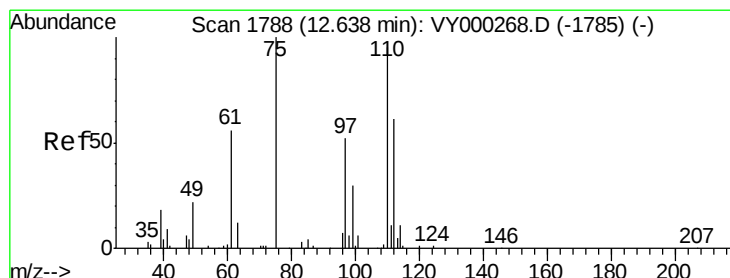
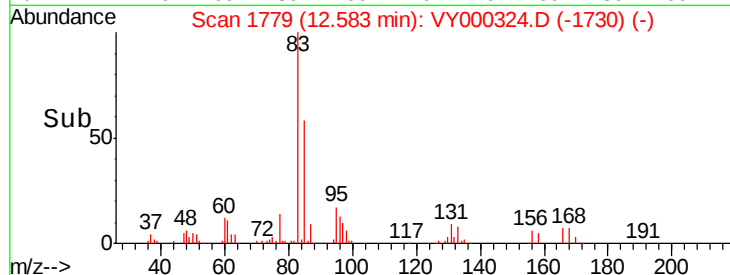
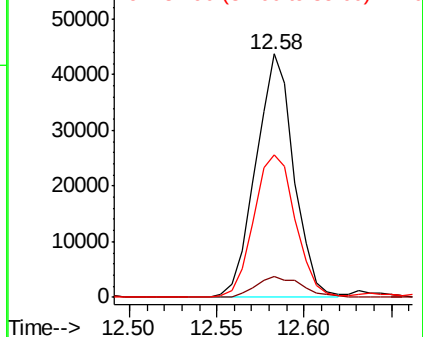
83 100

131 10.5 5.3 16.1

85 64.2 32.9 98.7



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



#76

1,2,3-Trichloropropane

Concen: 35.814 ug/l

RT: 12.63 min Scan# 1787

Delta R.T. -0.01 min

Lab File: VY000324.D

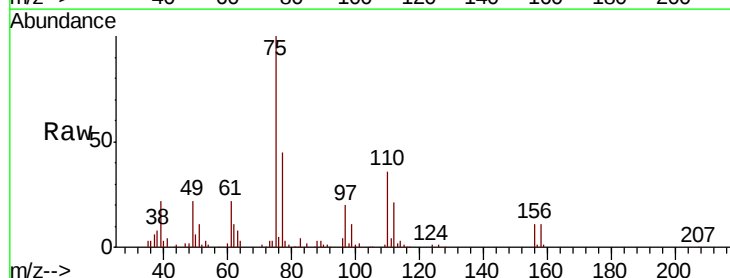
Acq: 16 Oct 2019 13:03

Tgt Ion: 75 Resp: 95937

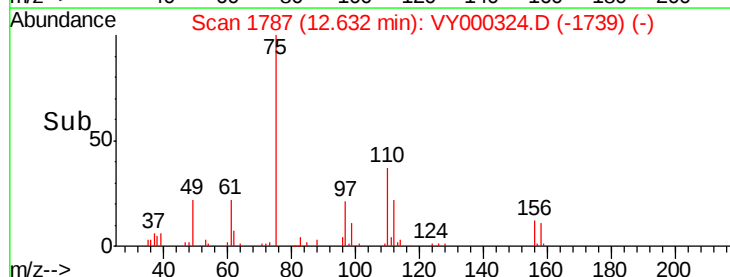
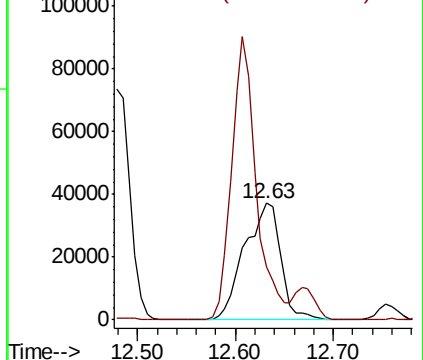
Ion Ratio Lower Upper

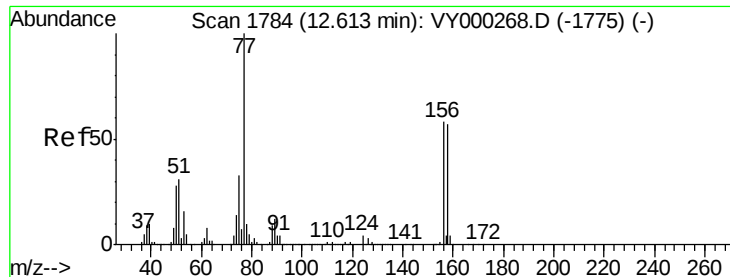
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 20.472 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY000324.D

Acq: 16 Oct 2019 13:03

Instrument :

MSVOA_Y

ClientSampled :

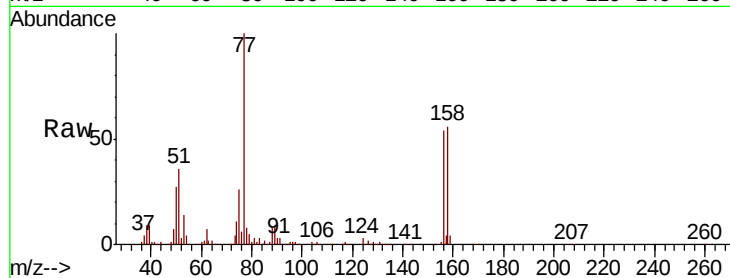
Tot Ion:156 Resp: 77378

Ion Ratio Lower Upper

156 100

77 205.3 101.0 302.9

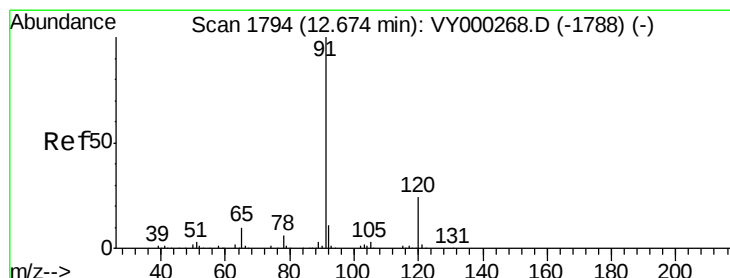
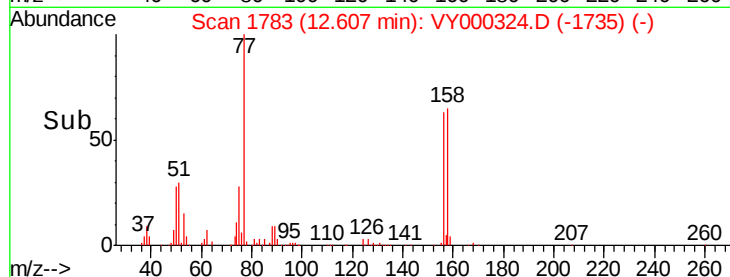
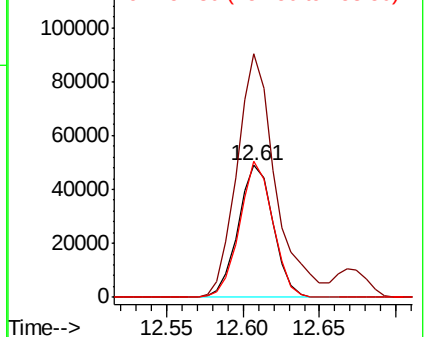
158 98.2 49.7 149.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.219 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VY000324.D

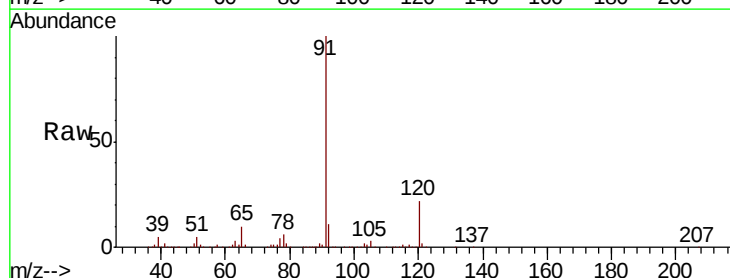
Acq: 16 Oct 2019 13:03

Tgt Ion: 91 Resp: 412362

Ion Ratio Lower Upper

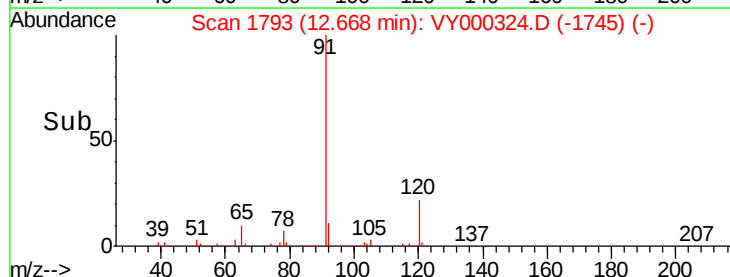
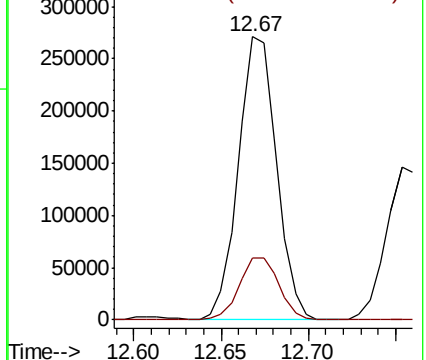
91 100

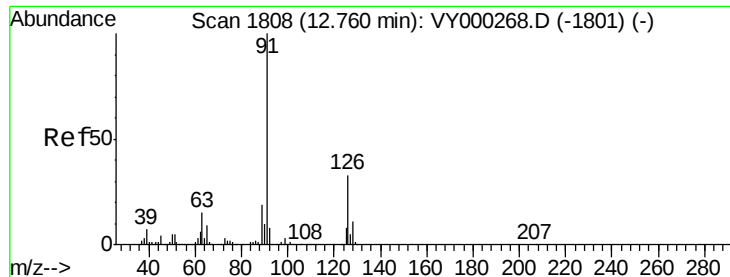
120 22.8 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

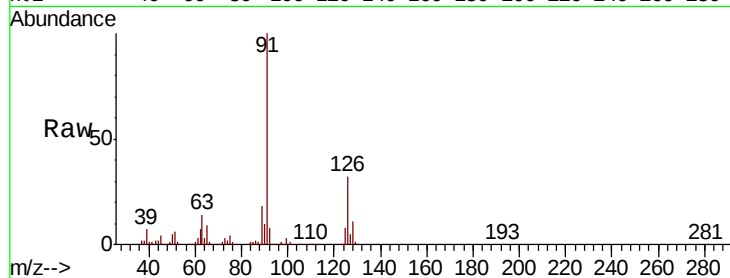




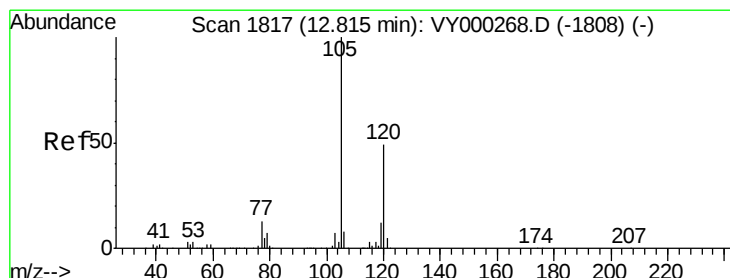
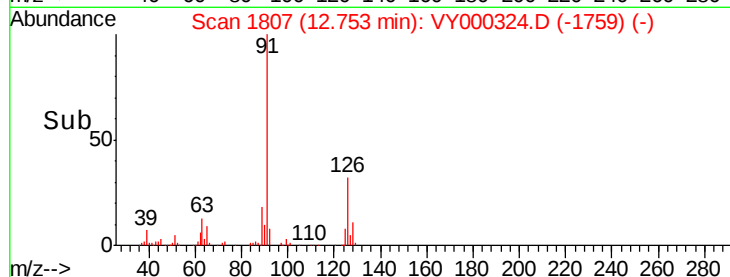
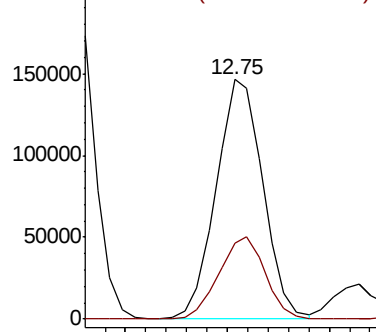
#79
 2-Chlorotoluene
 Concen: 20.726 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.01 min
 Lab File: VY000324.D
 Acq: 16 Oct 2019 13:03

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 91 Resp: 233439
 Ion Ratio Lower Upper
 91 100
 126 34.1 17.1 51.3

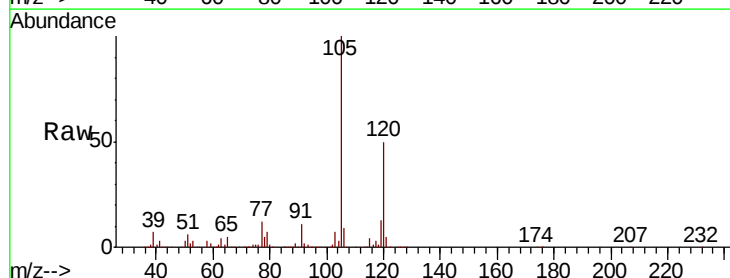


Abundance Ion 91.00 (90.70 to 91.70): VY0
 Ion 125.90 (125.60 to 126.60): V

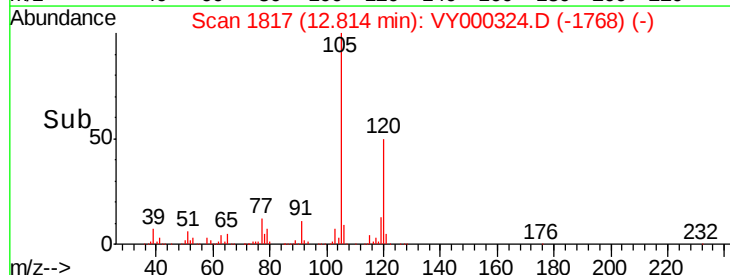
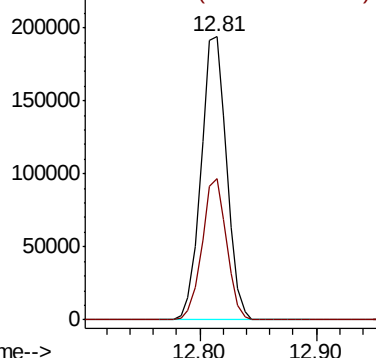


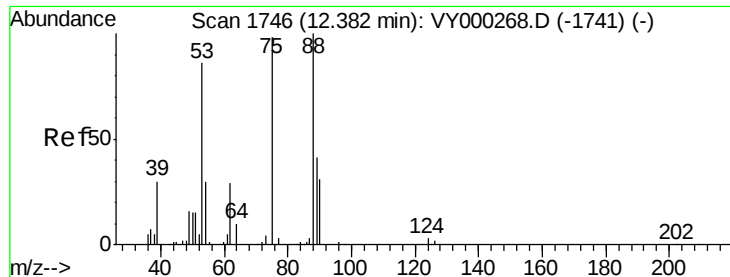
#80
 1,3,5-Trimethylbenzene
 Concen: 20.694 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: VY000324.D
 Acq: 16 Oct 2019 13:03

Tgt Ion: 105 Resp: 294744
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.9 74.8



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





#81

trans-1,4-Dichloro-2-butene

Concen: 20.015 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.01 min

Lab File: VY000324.D

Acq: 16 Oct 2019 13:03

Instrument :

MSVOA_Y

ClientSampleId :

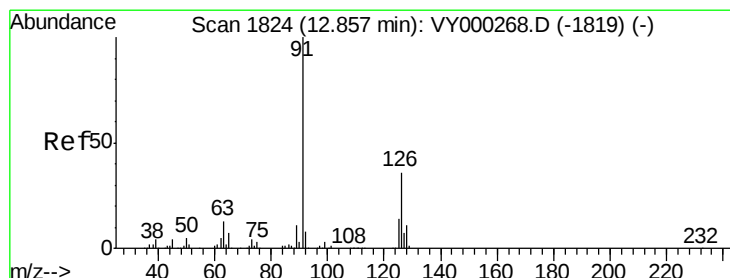
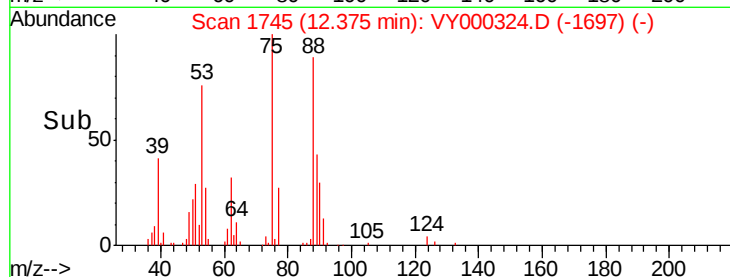
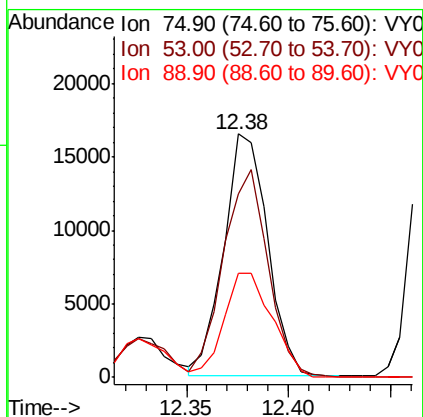
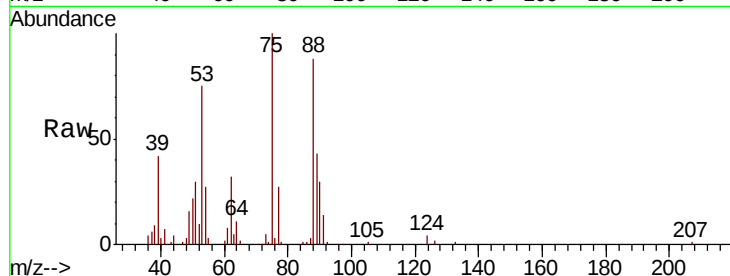
Tot Ion: 75 Resp: 24504

Ion Ratio Lower Upper

75 100

53 88.0 71.3 106.9

89 47.3 35.1 52.7



#82

4-Chlorotoluene

Concen: 20.649 ug/l

RT: 12.86 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VY000324.D

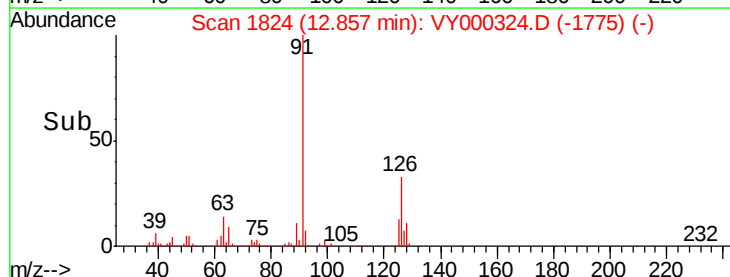
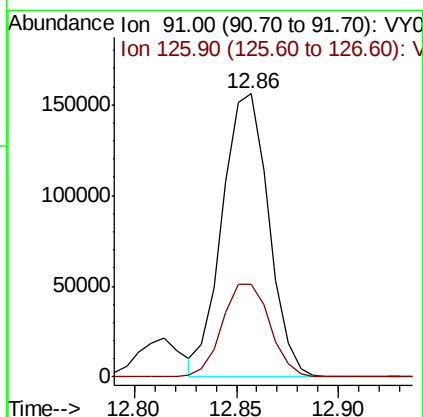
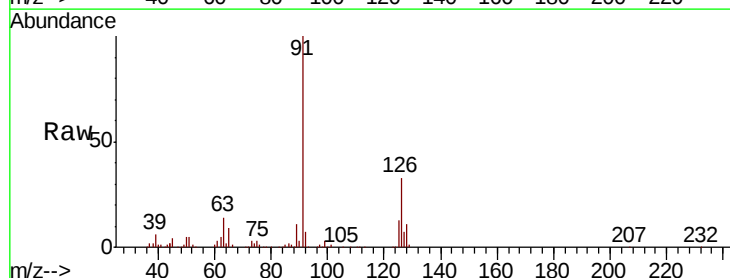
Acq: 16 Oct 2019 13:03

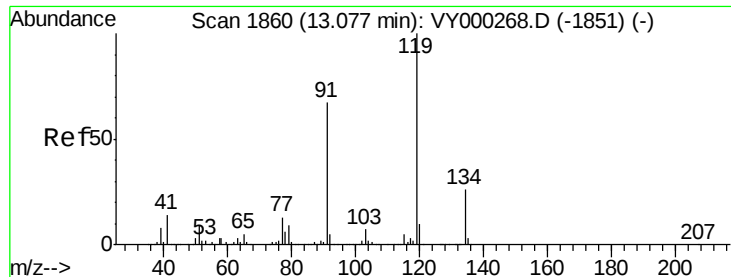
Tgt Ion: 91 Resp: 245838

Ion Ratio Lower Upper

91 100

126 33.9 17.2 51.5

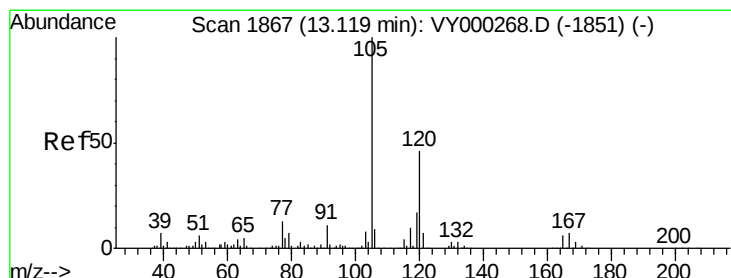
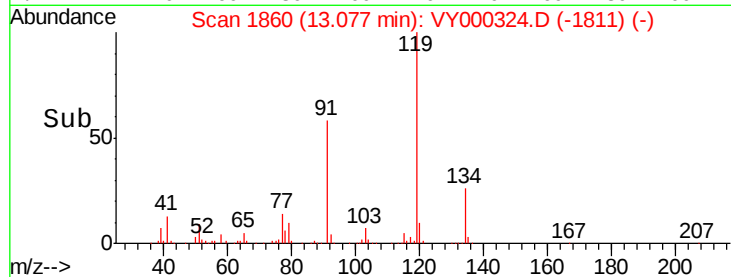
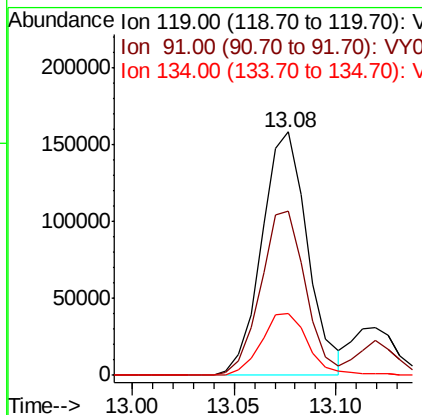
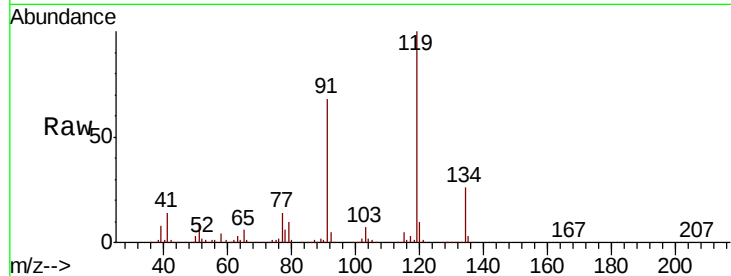




#83
 tert-Butylbenzene
 Concen: 20.519 ug/l
 RT: 13.08 min Scan# 1860
 Delta R.T. -0.00 min
 Lab File: VY000324.D
 Acq: 16 Oct 2019 13:03

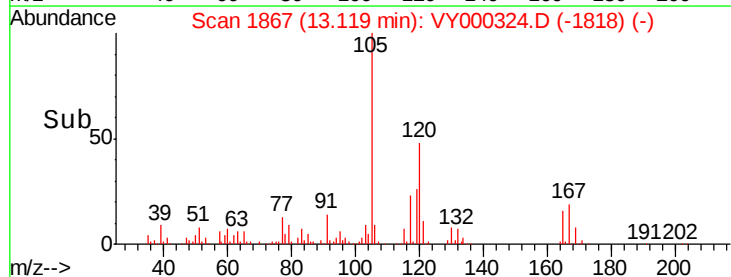
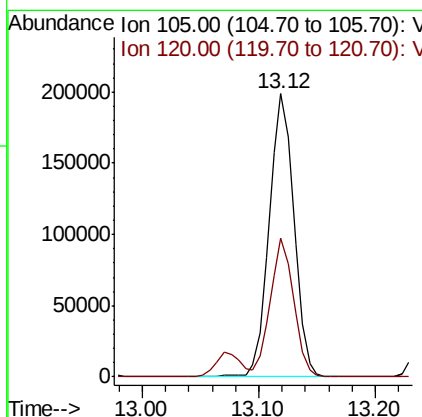
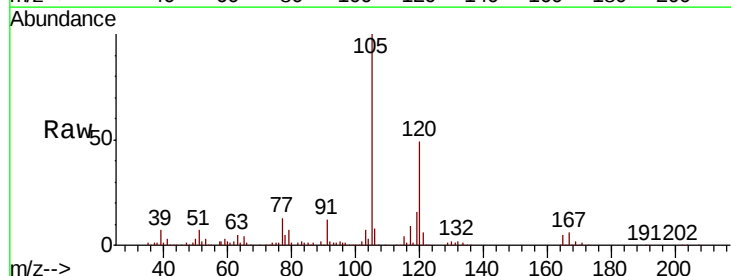
Instrument :
 MSVOA_Y
 ClientSampleId :

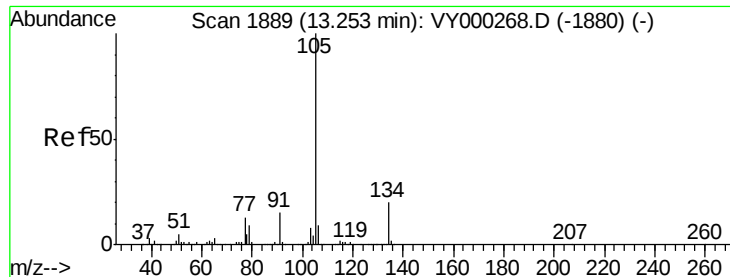
Tot Ion:	119	Resp:	247499
Ion	Ratio	Lower	Upper
119	100		
91	66.3	32.9	98.7
134	26.4	13.3	39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 20.707 ug/l
 RT: 13.12 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VY000324.D
 Acq: 16 Oct 2019 13:03

Tgt Ion:	105	Resp:	291085
Ion	Ratio	Lower	Upper
105	100		
120	46.4	22.9	68.8





#85

sec-Butylbenzene

Concen: 20.322 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000324.D

Acq: 16 Oct 2019 13:03

Instrument :

MSVOA_Y

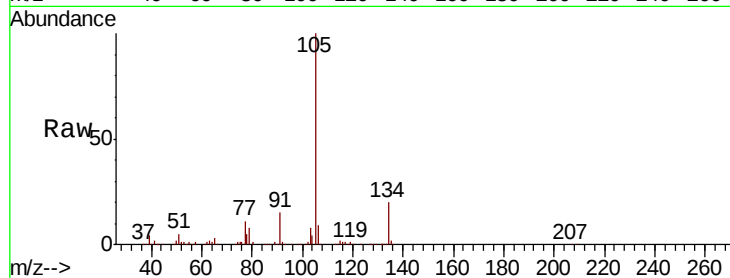
ClientSampled :

Tot Ion:105 Resp: 354589

Ion Ratio Lower Upper

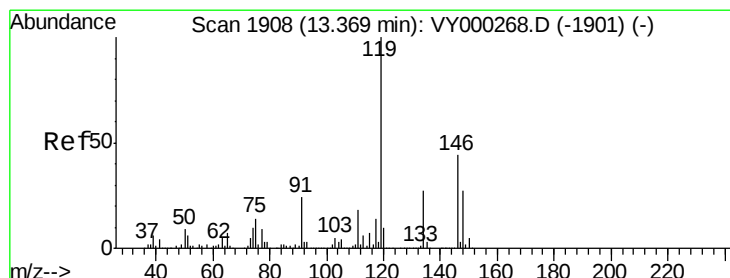
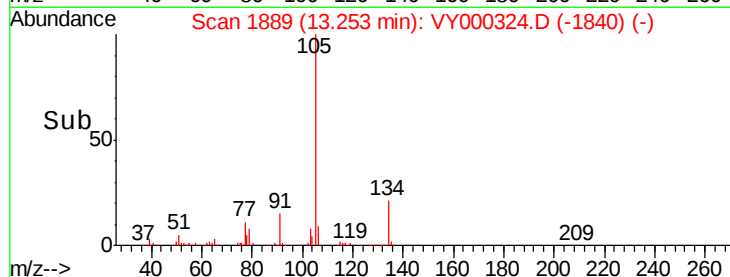
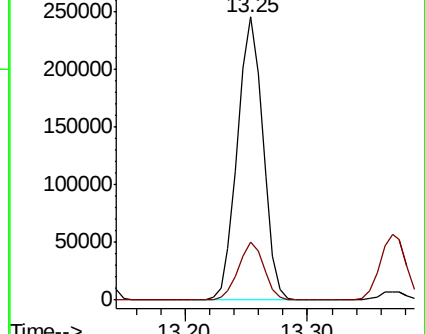
105 100

134 20.4 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.864 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000324.D

Acq: 16 Oct 2019 13:03

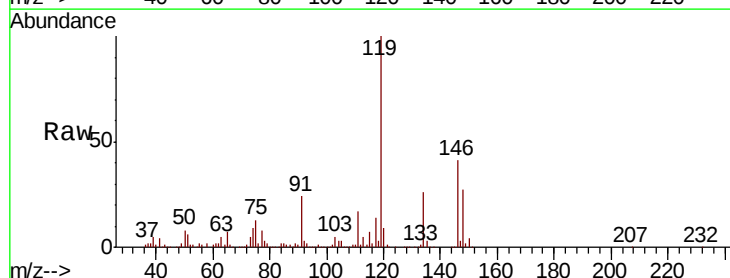
Tgt Ion:119 Resp: 317392

Ion Ratio Lower Upper

119 100

134 26.8 13.6 40.8

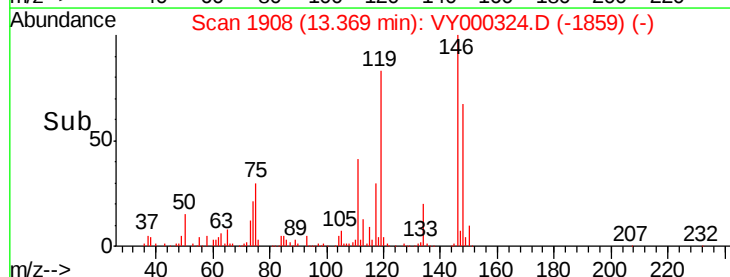
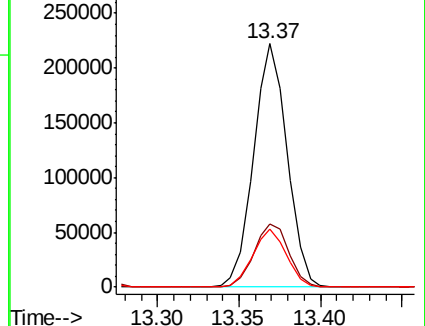
91 23.9 12.0 36.1

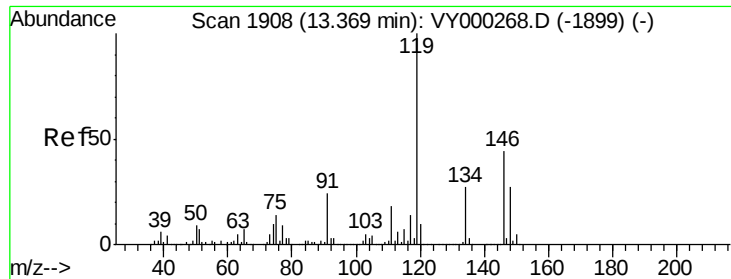


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

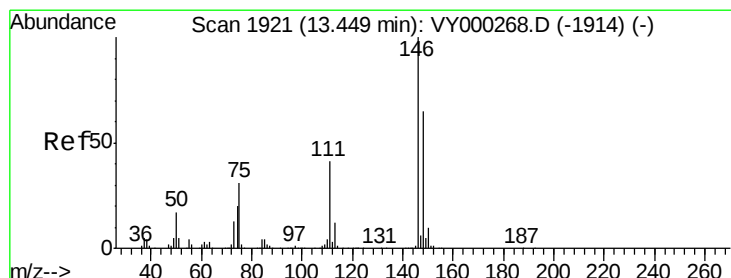
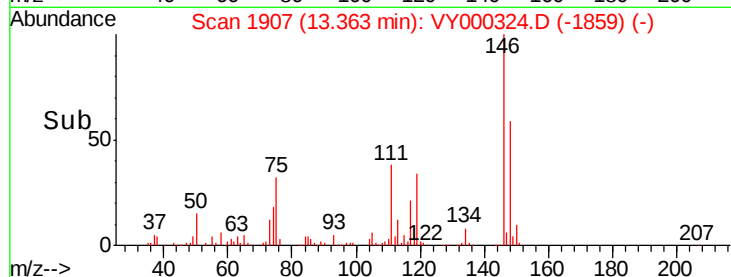
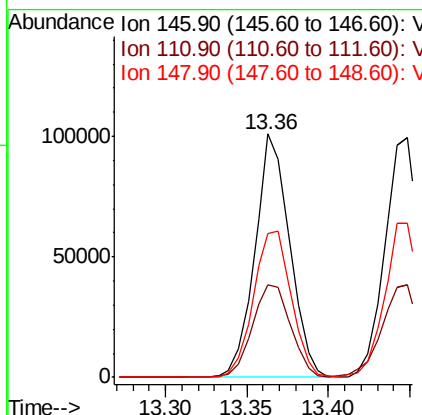
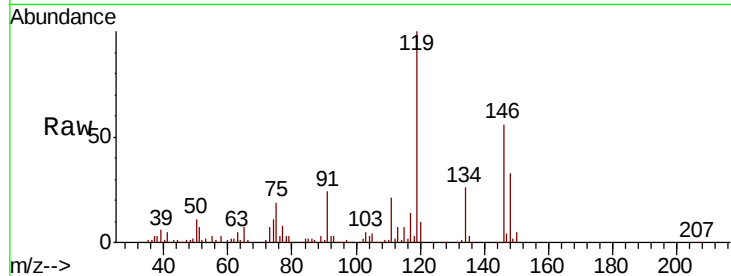




#87
 1,3-Dichlorobenzene
 Concen: 19.995 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: VY000324.D
 Acq: 16 Oct 2019 13:03

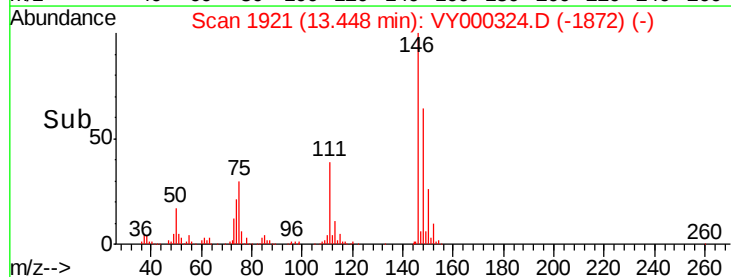
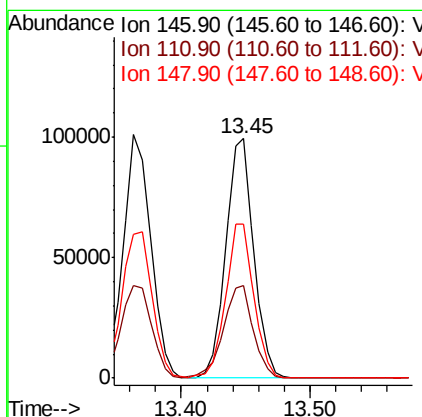
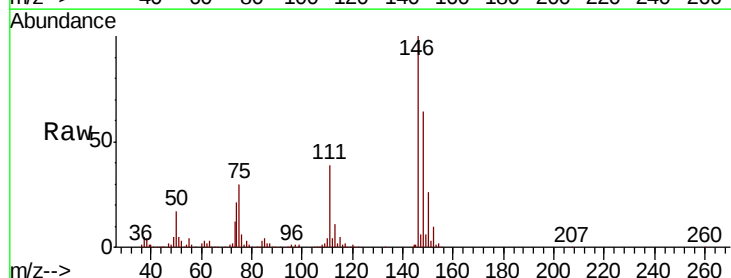
Instrument :
 MSVOA_Y
 ClientSampleId :

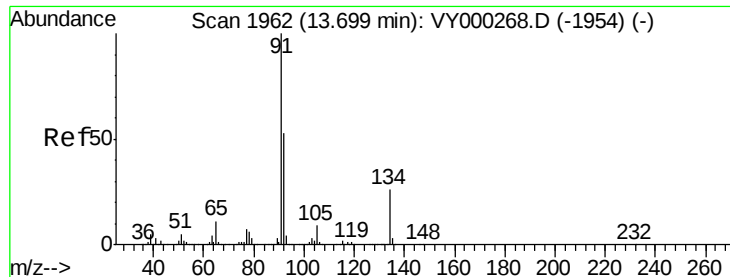
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.6	61.8
148	65.3	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 20.281 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: VY000324.D
 Acq: 16 Oct 2019 13:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.1	60.2
148	64.7	32.4	97.2





#89

n-Butylbenzene

Concen: 20.723 ug/l

RT: 13.70 min Scan# 1962

Delta R.T. -0.00 min

Lab File: VY000324.D

Acq: 16 Oct 2019 13:03

Instrument :

MSVOA_Y

ClientSampled :

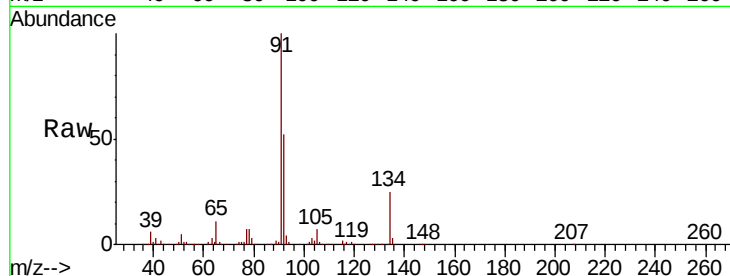
Tot Ion: 91 Resp: 311522

Ion Ratio Lower Upper

91 100

92 54.0 26.7 80.1

134 25.5 13.0 38.9

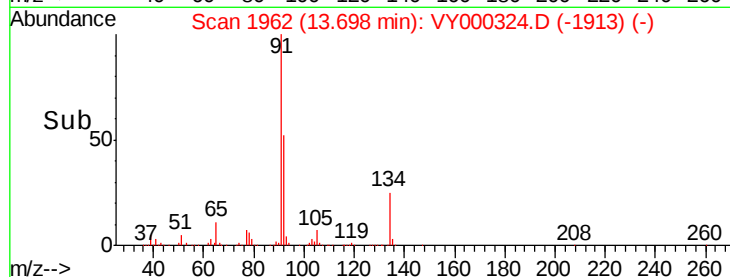


Abundance Ion 91.00 (90.70 to 91.70): VY000324.D (-1954) (-)

Ion 92.00 (91.70 to 92.70): VY000324.D (-1954) (-)

Ion 134.00 (133.70 to 134.70): VY000324.D (-1954) (-)

Time--> 13.60 13.70

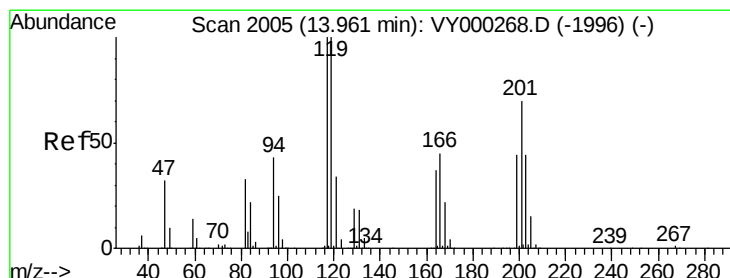


Abundance Ion 91.00 (90.70 to 91.70): VY000324.D (-1913) (-)

Ion 92.00 (91.70 to 92.70): VY000324.D (-1913) (-)

Ion 134.00 (133.70 to 134.70): VY000324.D (-1913) (-)

Time--> 13.60 13.70



#90

Hexachloroethane

Concen: 20.466 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. -0.00 min

Lab File: VY000324.D

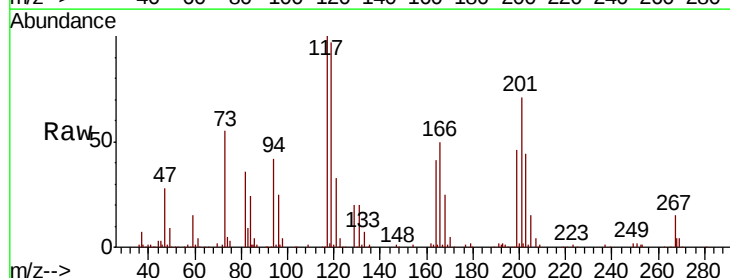
Acq: 16 Oct 2019 13:03

Tgt Ion: 117 Resp: 57651

Ion Ratio Lower Upper

117 100

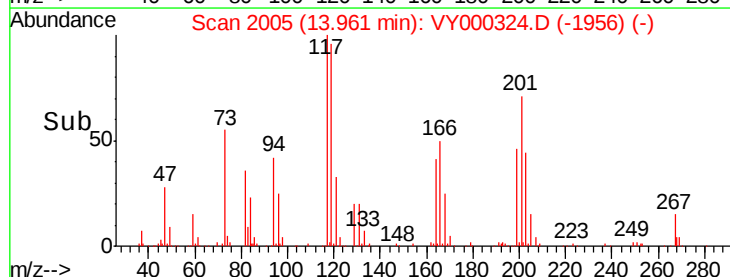
201 71.5 36.3 108.7



Abundance Ion 116.80 (116.50 to 117.50): VY000324.D (-1996) (-)

Ion 200.70 (200.40 to 201.40): VY000324.D (-1996) (-)

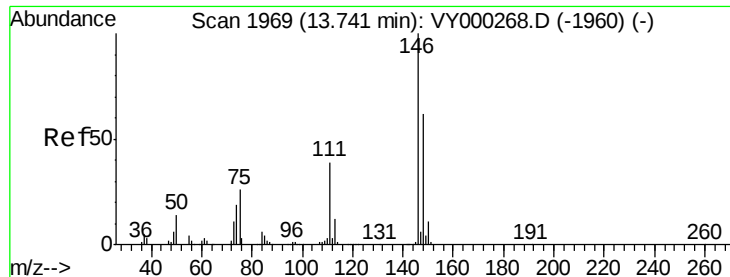
Time--> 13.90 13.95 14.00



Abundance Ion 116.80 (116.50 to 117.50): VY000324.D (-1956) (-)

Ion 200.70 (200.40 to 201.40): VY000324.D (-1956) (-)

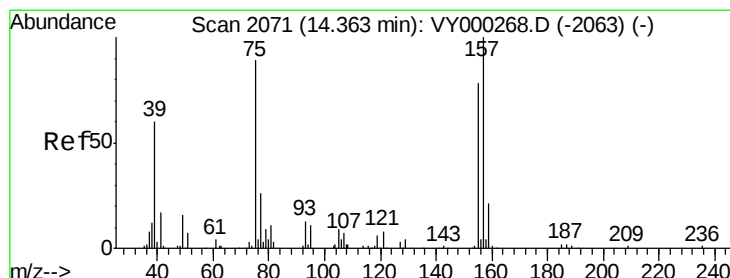
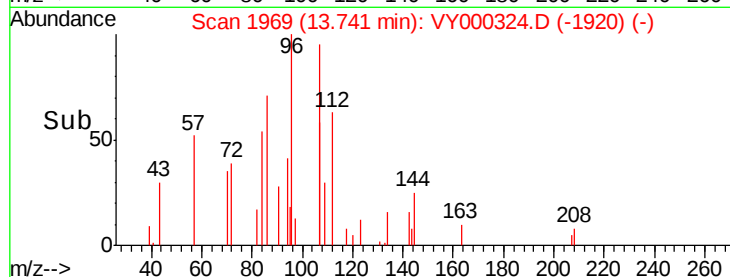
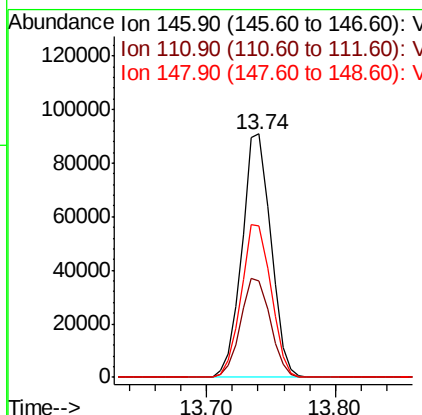
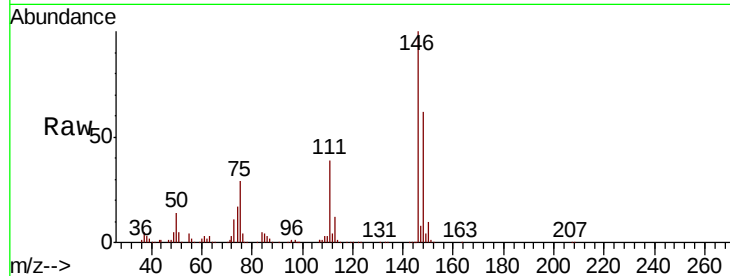
Time--> 13.90 13.95 14.00



#91
 1,2-Dichlorobenzene
 Concen: 20.951 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY000324.D
 Acq: 16 Oct 2019 13:03

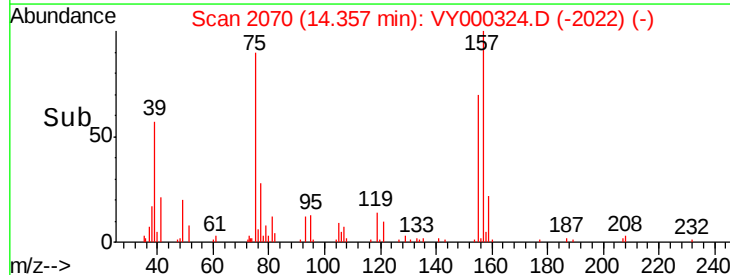
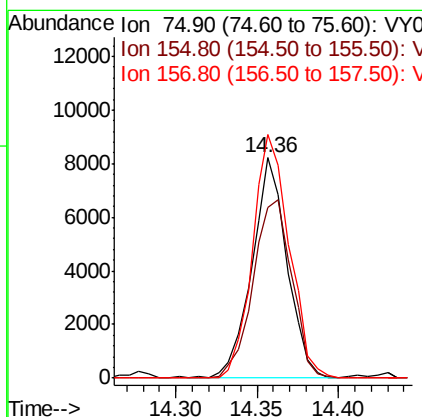
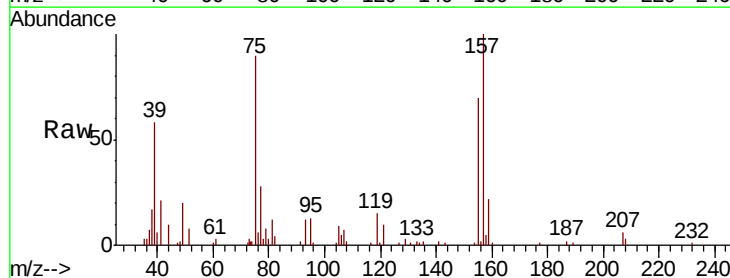
Instrument :
 MSVOA_Y
 ClientSampled :

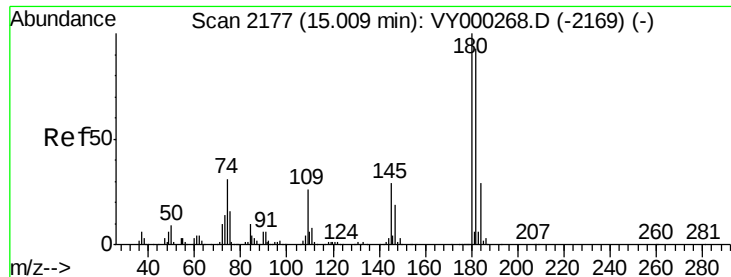
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.5	61.5
148	64.9	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.325 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: VY000324.D
 Acq: 16 Oct 2019 13:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.7	45.8	137.3
157	115.5	55.6	166.9

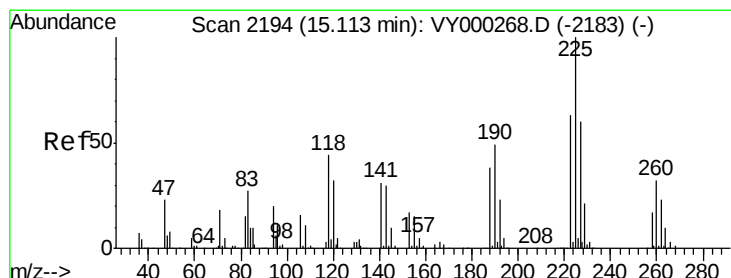
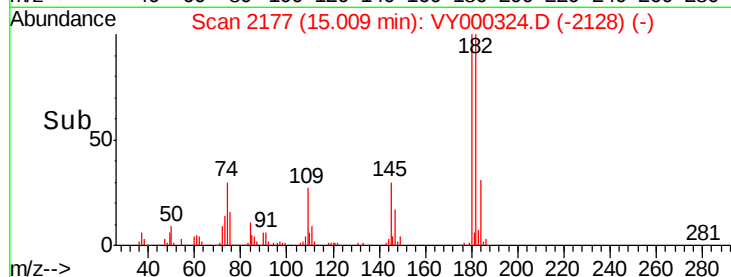
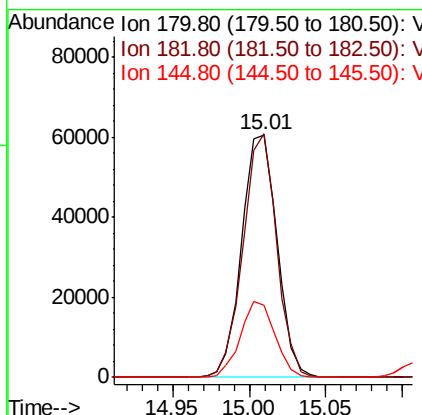
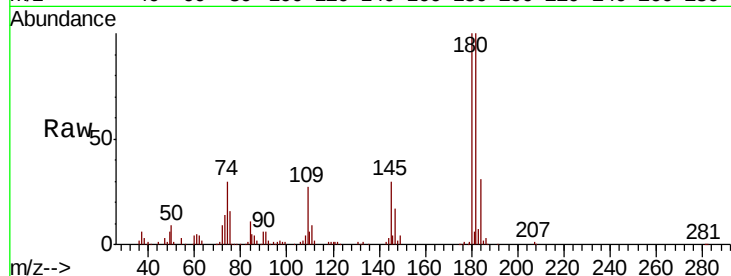




#93
 1,2,4-Trichlorobenzene
 Concen: 20.804 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY000324.D
 Acq: 16 Oct 2019 13:03

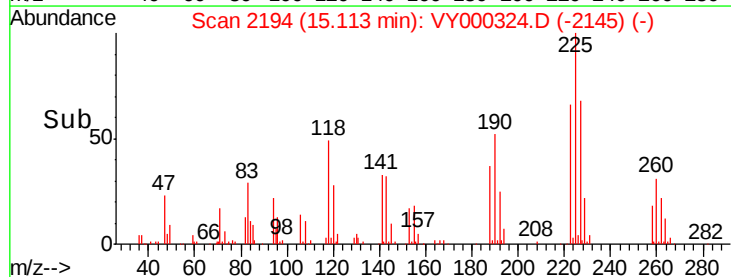
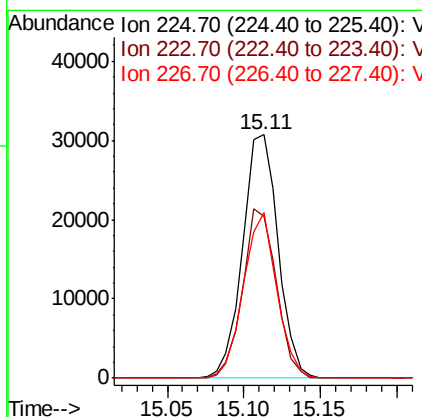
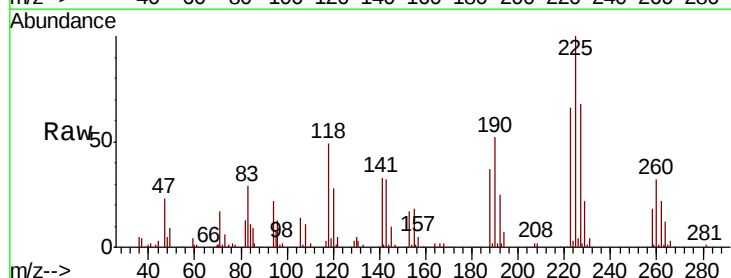
Instrument :
 MSVOA_Y
 ClientSampleId :

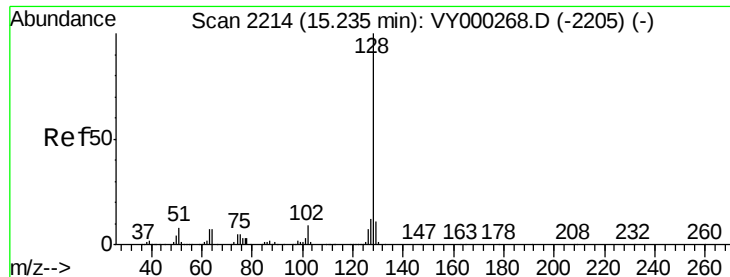
Tot Ion:180 Resp: 97620
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.5 142.6
 145 30.8 15.4 46.1



#94
 Hexachlorobutadiene
 Concen: 19.579 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY000324.D
 Acq: 16 Oct 2019 13:03

Tgt Ion:225 Resp: 49719
 Ion Ratio Lower Upper
 225 100
 223 65.7 31.9 95.7
 227 63.6 31.4 94.2

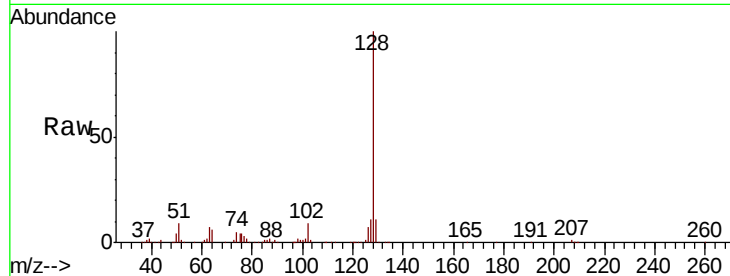




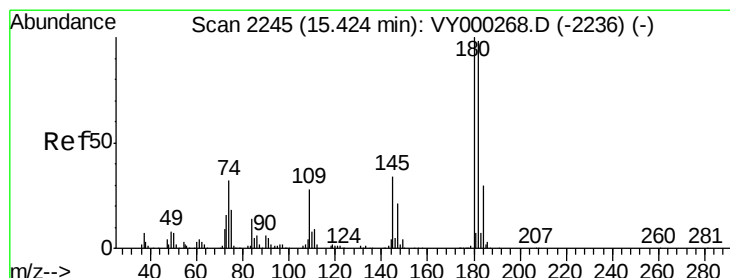
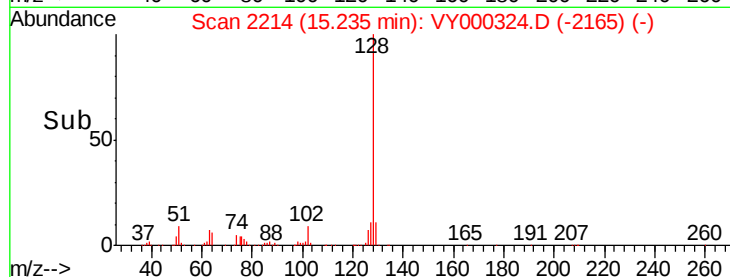
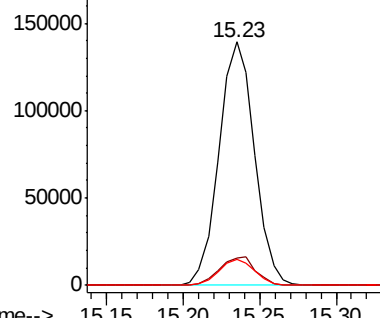
#95
Naphthalene
Concen: 21.473 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000324.D
Acq: 16 Oct 2019 13:03

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:128 Resp: 224856
Ion Ratio Lower Upper
128 100
127 12.2 9.6 14.4
129 10.9 8.7 13.1

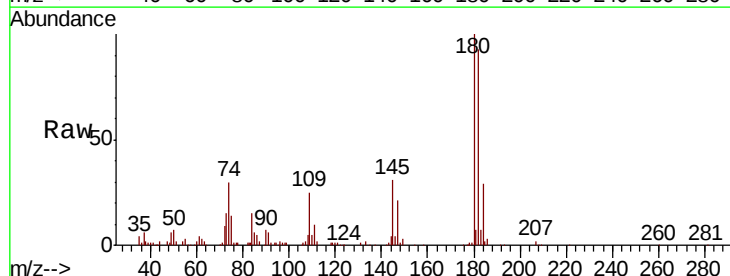


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 21.212 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY000324.D
Acq: 16 Oct 2019 13:03

Tgt Ion:180 Resp: 89706
Ion Ratio Lower Upper
180 100
182 91.3 46.5 139.5
145 31.4 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

