

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020720\
 Data File : VY001576.D
 Acq On : 07 Feb 2020 23:25
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 08 01:30:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	175830	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.72	114	320329	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.51	117	294652	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	141660	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.18	65	103815	58.64	ug/l	0.02
Spiked Amount			Recovery	=	117.28%	
35) Dibromofluoromethane	7.76	113	95456	51.68	ug/l	0.02
Spiked Amount			Recovery	=	103.36%	
50) Toluene-d8	10.21	98	389857	55.78	ug/l	0.02
Spiked Amount			Recovery	=	111.56%	
62) 4-Bromofluorobenzene	12.50	95	140379	50.99	ug/l	0.01
Spiked Amount			Recovery	=	101.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.92	85	75597	43.922	ug/l	99
3) Chloromethane	2.13	50	105478	58.635	ug/l	97
4) Vinyl Chloride	2.27	62	105148	56.293	ug/l	96
5) Bromomethane	2.68	94	72725	61.909	ug/l	99
6) Chloroethane	2.82	64	68474	60.817	ug/l	100
7) Trichlorofluoromethane	3.16	101	136548	44.164	ug/l	99
8) Diethyl Ether	3.57	74	56747	54.390	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.95	101	86679	46.594	ug/l	99
10) Methyl Iodide	4.14	142	110336	46.548	ug/l	98
11) Tert butyl alcohol	5.01	59	52007	262.994	ug/l	97
12) 1,1-Dichloroethene	3.91	96	87811	47.501	ug/l	98
13) Acrolein	3.77	56	46783	279.081	ug/l	98
14) Allyl chloride	4.53	41	158469	56.037	ug/l	97
15) Acrylonitrile	5.22	53	151960	317.704	ug/l	100
16) Acetone	3.99	43	113497	221.633	ug/l	96
17) Carbon Disulfide	4.24	76	288647	49.048	ug/l	100
18) Methyl Acetate	4.53	43	68313	62.512	ug/l	95
19) Methyl tert-butyl Ether	5.27	73	263206	53.539	ug/l	96
20) Methylene Chloride	4.77	84	106085	53.210	ug/l	88
21) trans-1,2-Dichloroethene	5.27	96	102773	50.009	ug/l	96
22) Diisopropyl ether	6.18	45	342710	61.168	ug/l	96
23) Vinyl Acetate	6.11	43	1154369	323.652	ug/l	95
24) 1,1-Dichloroethane	6.08	63	179444	53.247	ug/l	98
25) 2-Butanone	7.04	43	199133	299.735	ug/l	93
26) 2,2-Dichloropropane	7.04	77	141695	43.932	ug/l	100
27) cis-1,2-Dichloroethene	7.04	96	115348	51.389	ug/l	99
28) Bromochloromethane	7.38	49	80764	70.349	ug/l	89
29) Tetrahydrofuran	7.39	42	137568	345.476	ug/l	92
30) Chloroform	7.55	83	174777	51.200	ug/l	99
31) Cyclohexane	7.83	56	168859	48.983	ug/l	95
32) 1,1,1-Trichloroethane	7.74	97	146326	47.278	ug/l	98
36) 1,1-Dichloropropene	7.96	75	138008	47.095	ug/l	99
37) Ethyl Acetate	7.12	43	90801	64.008	ug/l	96
38) Carbon Tetrachloride	7.94	117	123075	43.410	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.21	83	177769	46.072	ug/l	99
40) Benzene	8.20	78	429866	51.429	ug/l	99
41) Methacrylonitrile	7.39	41	122389	186.150	ug/l #	1
42) 1,2-Dichloroethane	8.28	62	120952	51.941	ug/l	98
43) Isopropyl Acetate	8.31	43	174416	62.097	ug/l	94
44) Trichloroethene	8.97	130	106354	47.205	ug/l	96
45) 1,2-Dichloropropane	9.25	63	109458	54.231	ug/l	100
46) Dibromomethane	9.34	93	58789	51.871	ug/l	99
47) Bromodichloromethane	9.53	83	139120	50.379	ug/l	98
48) Methyl methacrylate	9.32	41	78950	61.931	ug/l	93
49) 1,4-Dioxane	9.33	88	16238	1084.866	ug/l	95
51) 4-Methyl-2-Pentanone	10.10	43	456024	329.681	ug/l	95
52) Toluene	10.27	92	267044	50.352	ug/l	98
53) t-1,3-Dichloropropene	10.49	75	153499	51.035	ug/l	99
54) cis-1,3-Dichloropropene	9.96	75	174185	50.444	ug/l	95
55) 1,1,2-Trichloroethane	10.67	97	87054	53.536	ug/l	97
56) Ethyl methacrylate	10.53	69	131875	57.019	ug/l	91
57) 1,3-Dichloropropane	10.81	76	152967	53.365	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.81	63	255662	300.483	ug/l	95
59) 2-Hexanone	10.86	43	318480	316.666	ug/l	96
60) Dibromochloromethane	11.01	129	96514	50.353	ug/l	99
61) 1,2-Dibromoethane	11.11	107	83948	52.415	ug/l	98
64) Tetrachloroethene	10.74	164	85031	44.004	ug/l	98
65) Chlorobenzene	11.53	112	279224	48.263	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.61	131	97936	48.367	ug/l	99
67) Ethyl Benzene	11.61	91	515300	48.172	ug/l	99
68) m/p-Xylenes	11.72	106	387432	96.478	ug/l	98
69) o-Xylene	12.05	106	185866	49.089	ug/l	100
70) Styrene	12.06	104	328973	50.243	ug/l	98
71) Bromoform	12.23	173	58837	52.184	ug/l #	100
73) Isopropylbenzene	12.35	105	489446	45.302	ug/l	100
74) N-amyl acetate	12.16	43	170549	60.748	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.60	83	110578	53.869	ug/l	99
76) 1,2,3-Trichloropropane	12.65	75	141724	93.030	ug/l #	100
77) Bromobenzene	12.63	156	110739	47.362	ug/l	94
78) n-propylbenzene	12.69	91	600845	46.453	ug/l	100
79) 2-Chlorotoluene	12.78	91	343248	46.556	ug/l	100
80) 1,3,5-Trimethylbenzene	12.83	105	412782	45.366	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	39872	50.643	ug/l	99
82) 4-Chlorotoluene	12.88	91	359949	46.565	ug/l	100
83) tert-Butylbenzene	13.09	119	349906	45.495	ug/l	100
84) 1,2,4-Trimethylbenzene	13.14	105	415196	46.104	ug/l	99
85) sec-Butylbenzene	13.27	105	498924	46.139	ug/l	100
86) p-Isopropyltoluene	13.39	119	438813	46.050	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	213247	47.590	ug/l	99
88) 1,4-Dichlorobenzene	13.46	146	215105	47.917	ug/l	98
89) n-Butylbenzene	13.72	91	434051	46.165	ug/l	99
90) Hexachloroethane	13.98	117	83595	45.706	ug/l	98
91) 1,2-Dichlorobenzene	13.76	146	199705	49.180	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.38	75	18520	48.872	ug/l	98

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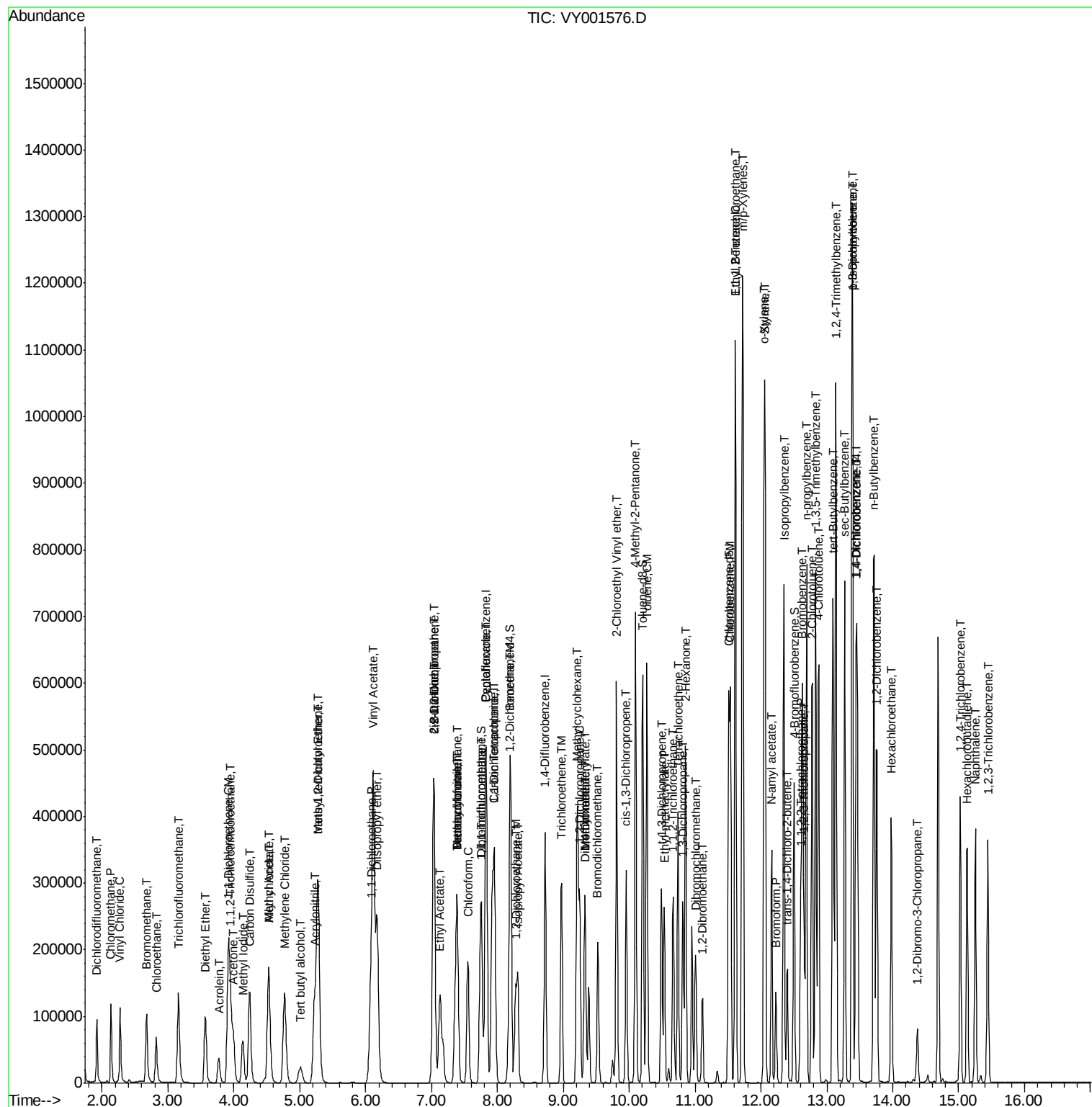
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.03	180	127085	46.441	ug/l	99
94) Hexachlorobutadiene	15.13	225	60514	43.572	ug/l	99
95) Naphthalene	15.25	128	308189	47.921	ug/l	99
96) 1,2,3-Trichlorobenzene	15.44	180	113379	46.937	ug/l	99

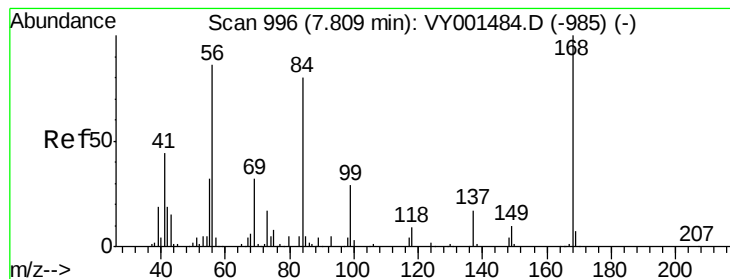
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY020720\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 1000

Delta R.T. 0.02 min

Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

Instrument :

MSVOA_Y

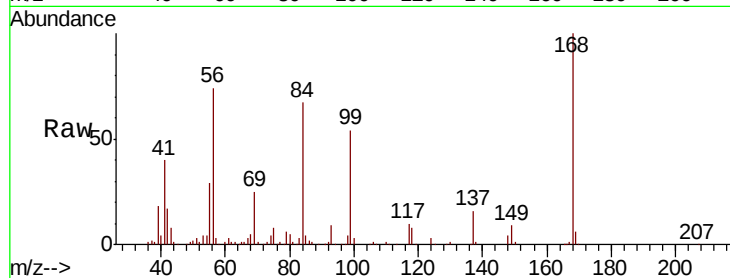
ClientSampleId :

Tot Ion:168 Resp: 175830

Ion Ratio Lower Upper

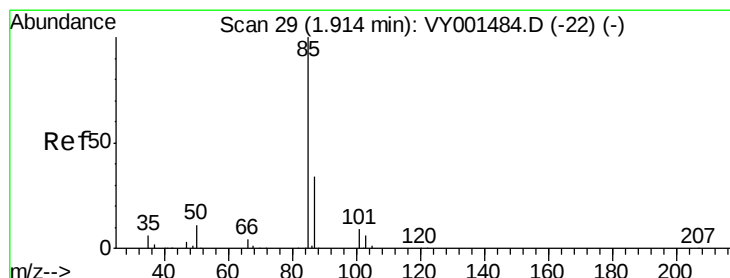
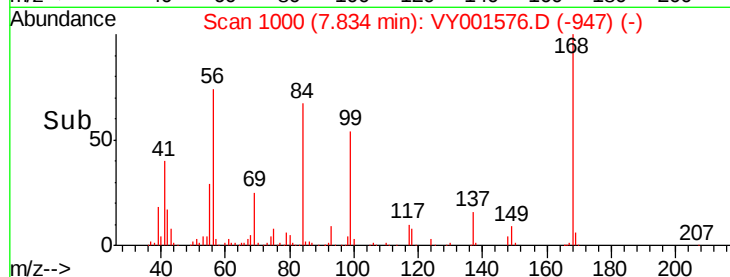
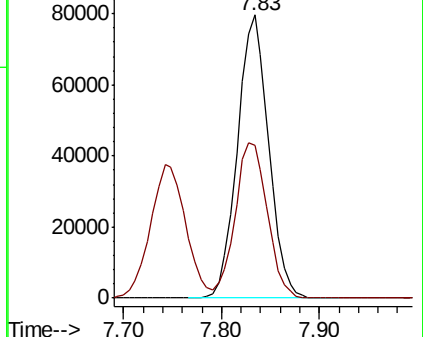
168 100

99 53.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VY001576.D (-1) (-)

Ion 98.90 (98.60 to 99.60): VY001576.D (-1) (-)



#2

Dichlorodifluoromethane

Concen: 43.922 ug/l

RT: 1.92 min Scan# 30

Delta R.T. 0.01 min

Lab File: VY001576.D

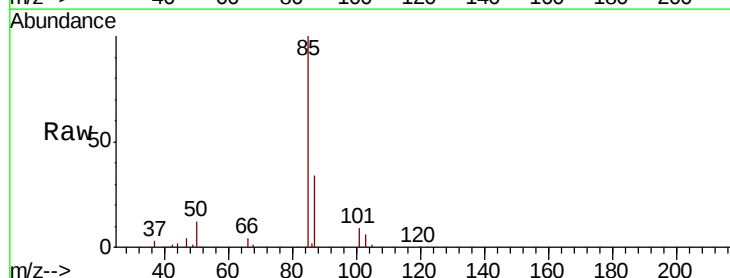
Acq: 07 Feb 2020 23:25

Tgt Ion: 85 Resp: 75597

Ion Ratio Lower Upper

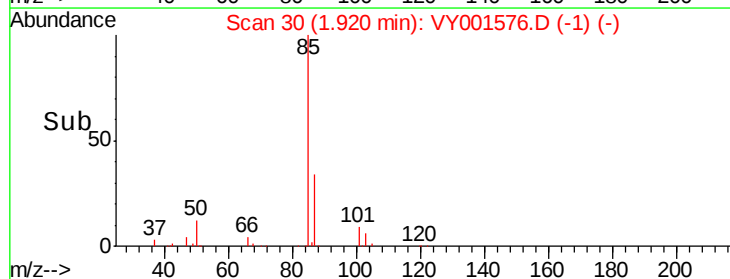
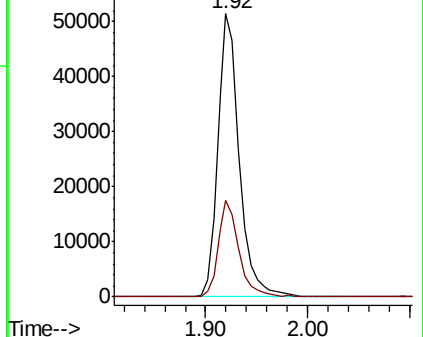
85 100

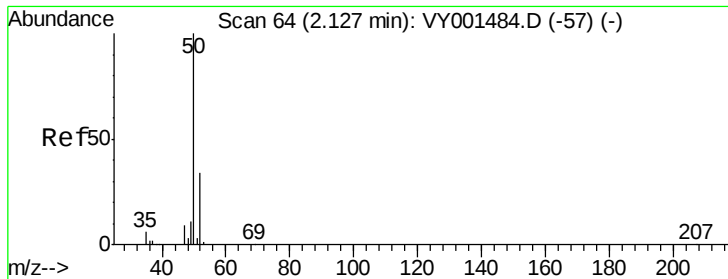
87 34.3 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VY001576.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY001576.D (-1) (-)





#3

Chloromethane

Concen: 58.635 ug/l

RT: 2.13 min Scan# 65

Delta R.T. 0.01 min

Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

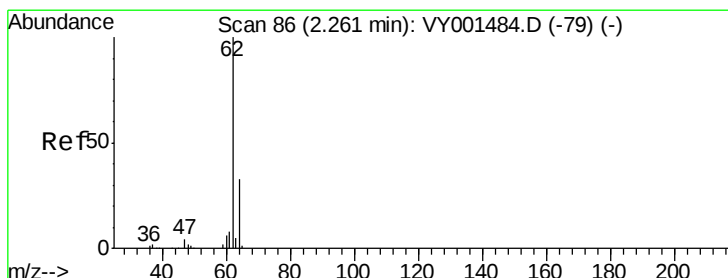
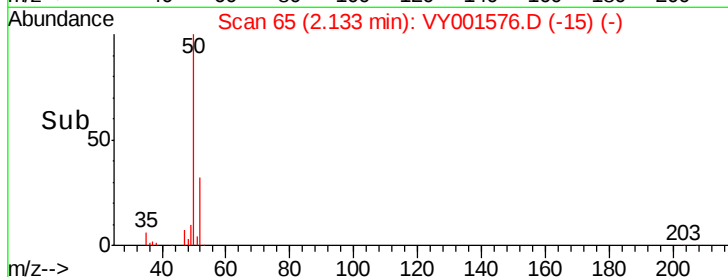
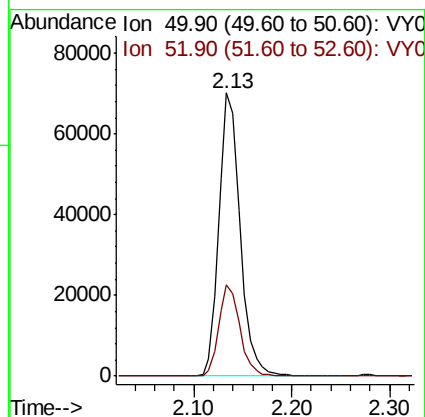
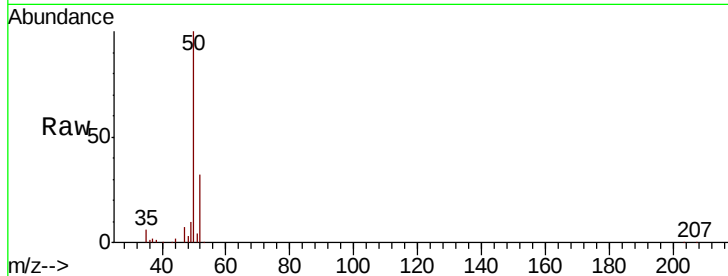
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 50 Resp: 105478

Ion Ratio Lower Upper

50 100

52 32.2 27.3 40.9



#4

Vinyl Chloride

Concen: 56.293 ug/l

RT: 2.27 min Scan# 88

Delta R.T. 0.01 min

Lab File: VY001576.D

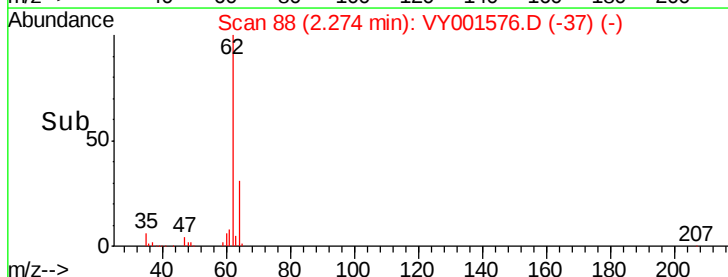
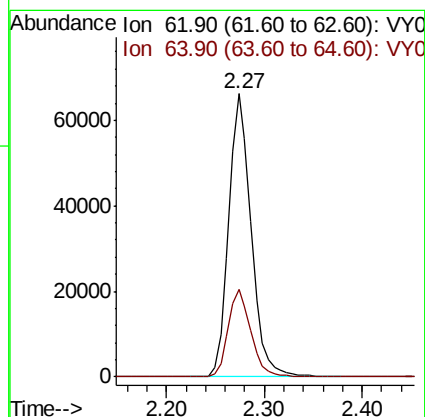
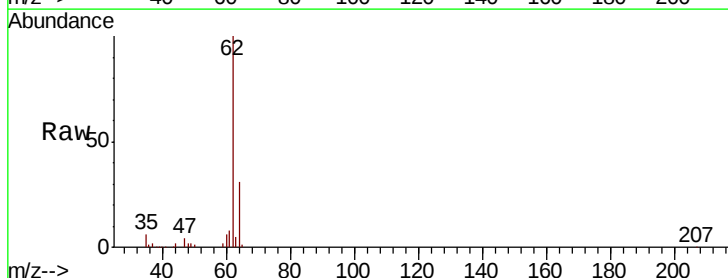
Acq: 07 Feb 2020 23:25

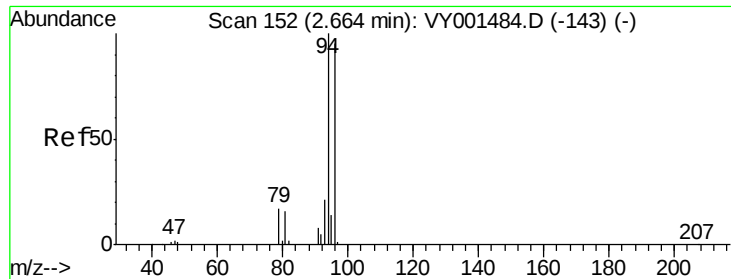
Tgt Ion: 62 Resp: 105148

Ion Ratio Lower Upper

62 100

64 30.9 26.4 39.6





#5

Bromomethane

Concen: 61.909 ug/l

RT: 2.68 min Scan# 154

Delta R.T. 0.01 min

Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

Instrument :

MSVOA_Y

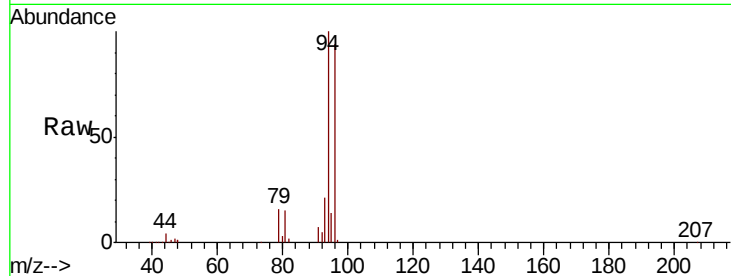
ClientSampled :

Tot Ion: 94 Resp: 72725

Ion Ratio Lower Upper

94 100

96 93.9 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.68

40000

30000

20000

10000

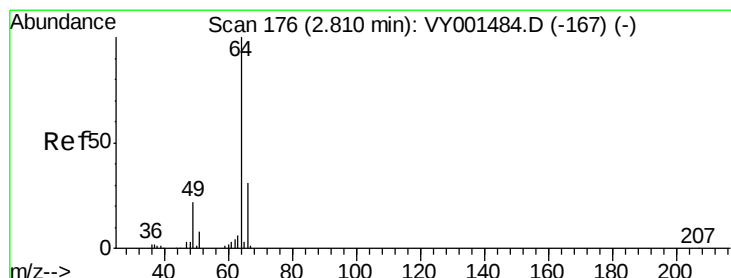
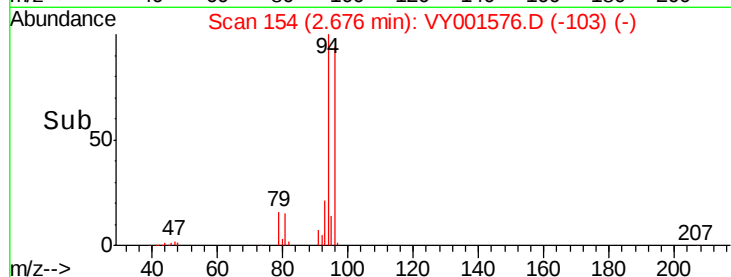
0

Time-->

2.60

2.70

2.80



#6

Chloroethane

Concen: 60.817 ug/l

RT: 2.82 min Scan# 178

Delta R.T. 0.01 min

Lab File: VY001576.D

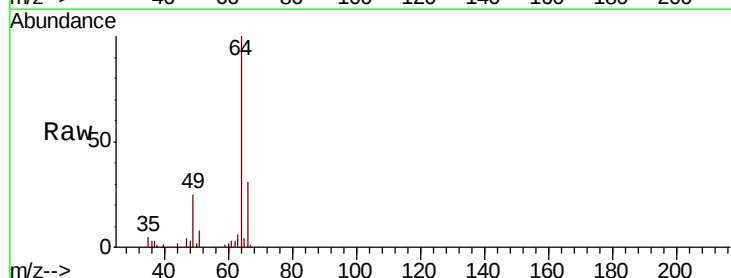
Acq: 07 Feb 2020 23:25

Tgt Ion: 64 Resp: 68474

Ion Ratio Lower Upper

64 100

66 30.8 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.82

40000

30000

20000

10000

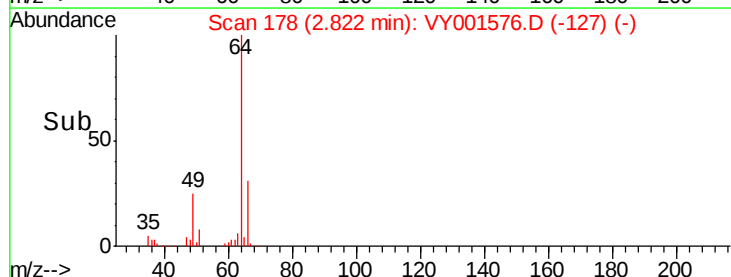
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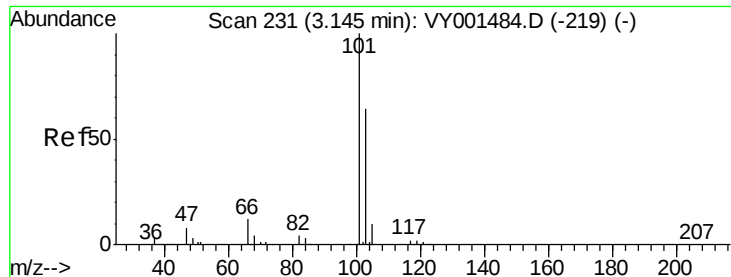
Time-->

2.70

2.80

2.90



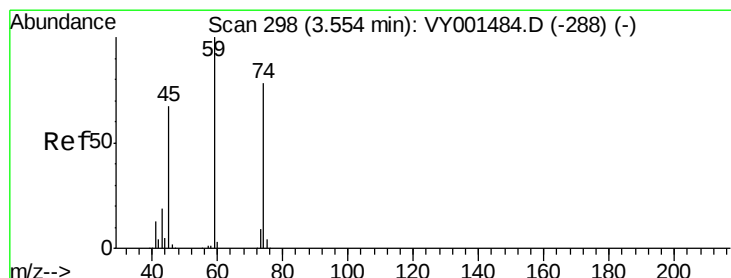
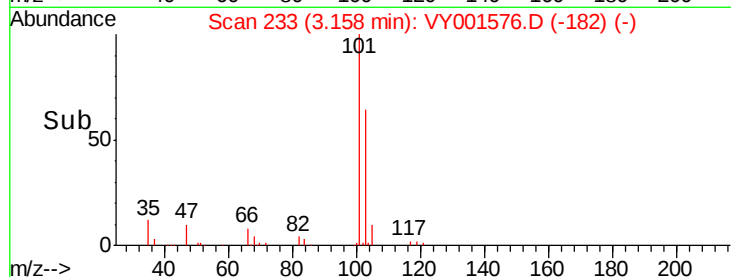
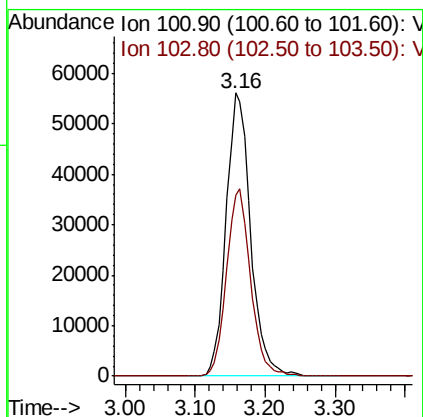
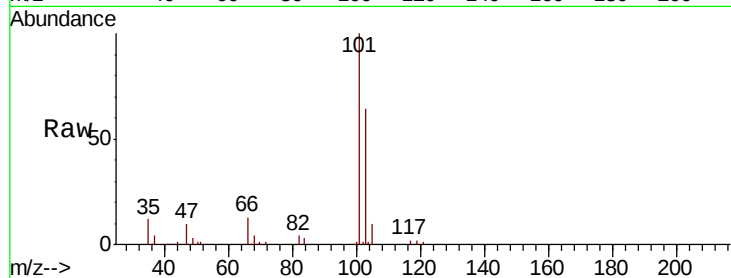


#7

Trichlorofluoromethane
Concen: 44.164 ug/l
RT: 3.16 min Scan# 233
Delta R.T. 0.01 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Instrument :
MSVOA_Y
ClientSampleId :

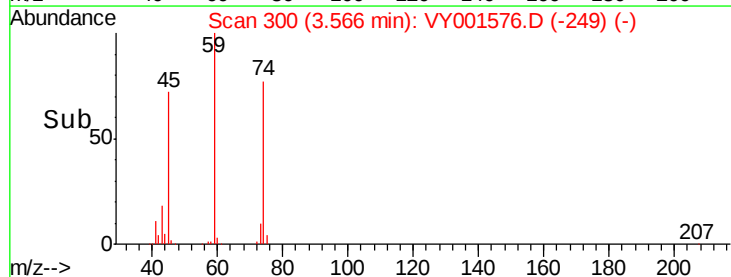
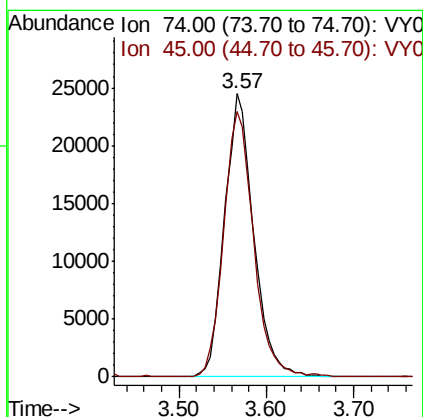
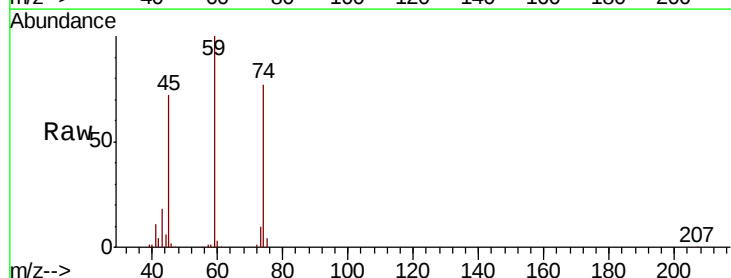
Tot Ion:101 Resp: 136548
Ion Ratio Lower Upper
101 100
103 64.0 50.9 76.3

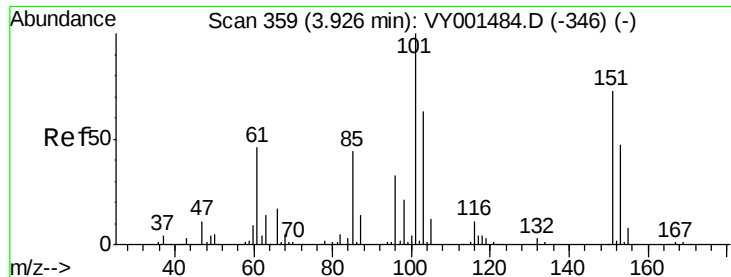


#8

Diethyl Ether
Concen: 54.390 ug/l
RT: 3.57 min Scan# 300
Delta R.T. 0.01 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Tgt Ion: 74 Resp: 56747
Ion Ratio Lower Upper
74 100
45 96.3 44.5 133.5

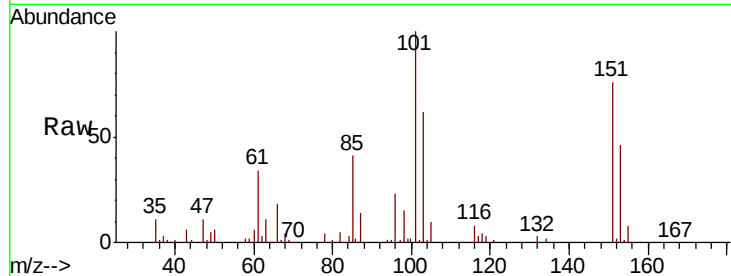




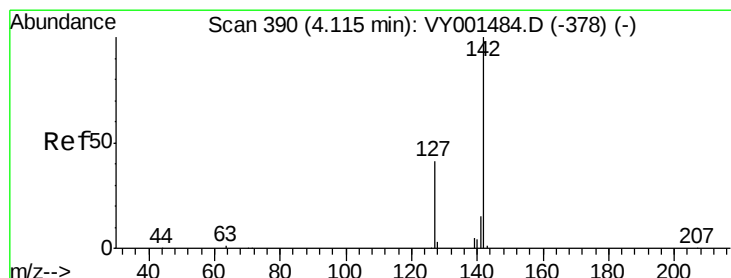
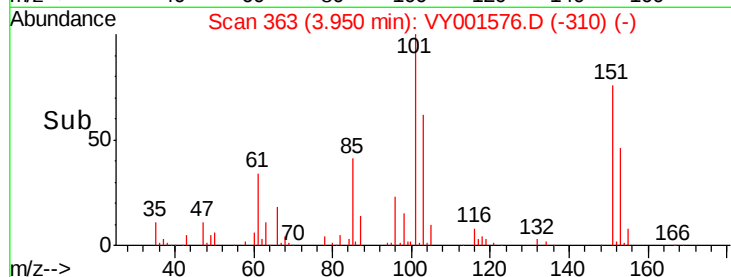
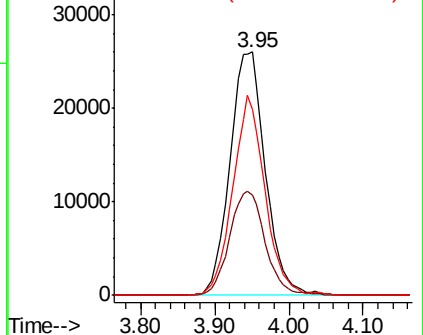
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 46.594 ug/l
 RT: 3.95 min Scan# 363
 Delta R.T. 0.02 min
 Lab File: VY001576.D
 Acq: 07 Feb 2020 23:25

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:101 Resp: 86679
 Ion Ratio Lower Upper
 101 100
 85 42.9 34.6 51.8
 151 74.1 60.3 90.5

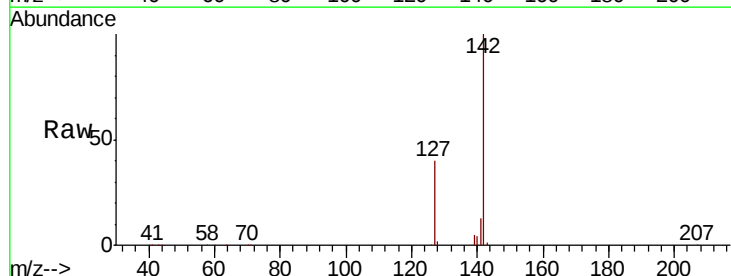


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 150.80 (150.50 to 151.50): V

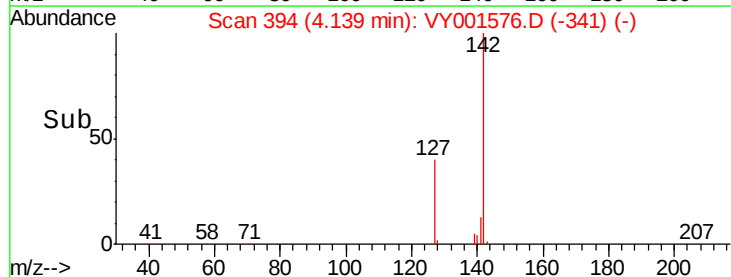
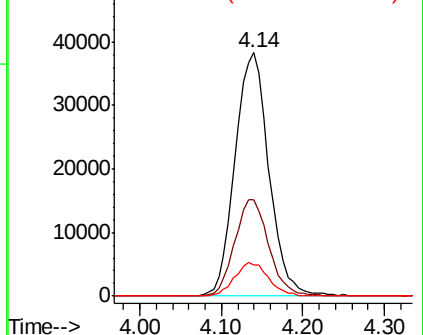


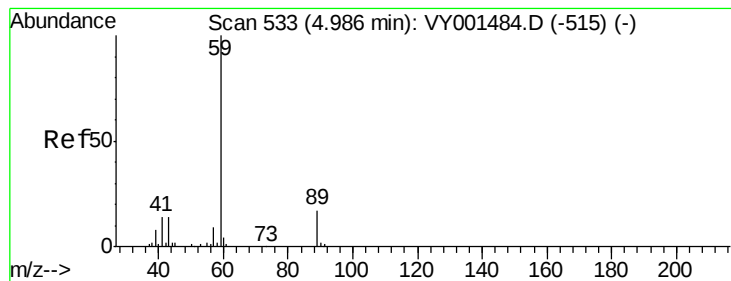
#10
 Methyl Iodide
 Concen: 46.548 ug/l
 RT: 4.14 min Scan# 394
 Delta R.T. 0.02 min
 Lab File: VY001576.D
 Acq: 07 Feb 2020 23:25

Tgt Ion:142 Resp: 110336
 Ion Ratio Lower Upper
 142 100
 127 40.0 33.3 49.9
 141 13.8 11.5 17.3



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



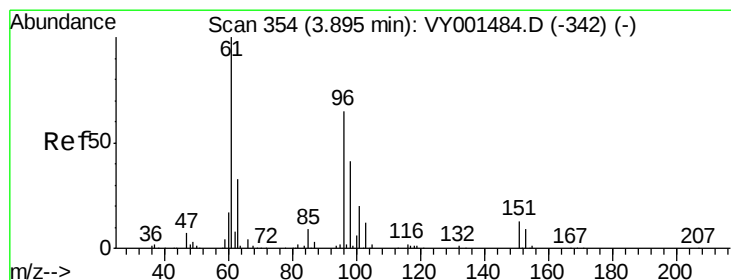
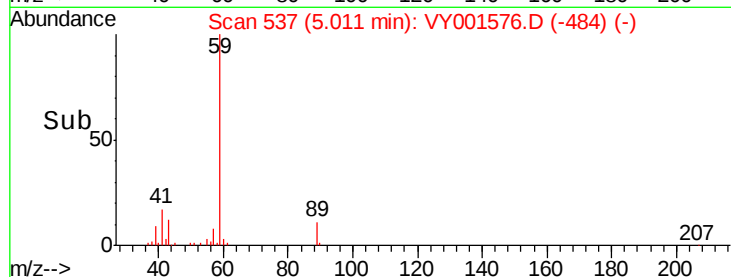
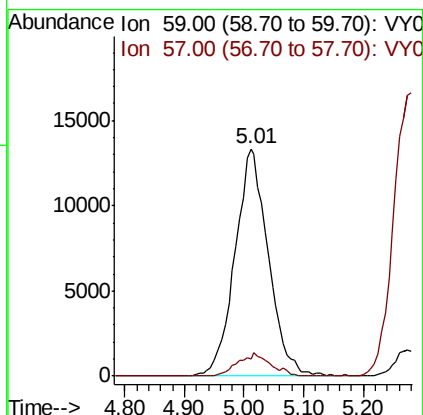
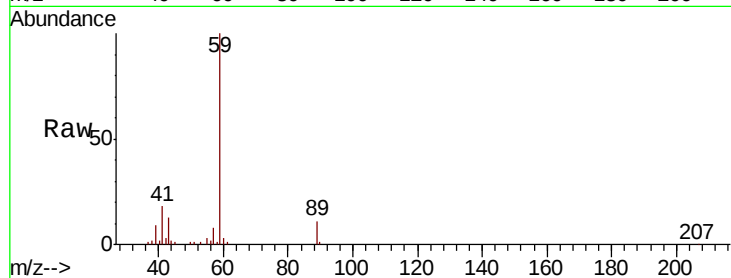


#11

Tert butyl alcohol
 Concen: 262.994 ug/l
 RT: 5.01 min Scan# 537
 Delta R.T. 0.02 min
 Lab File: VY001576.D
 Acq: 07 Feb 2020 23:25

Instrument :
 MSVOA_Y
 ClientSampleId :

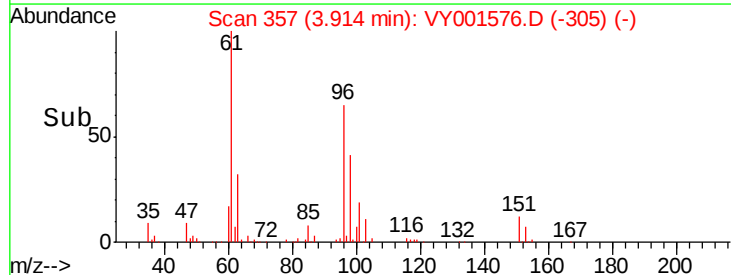
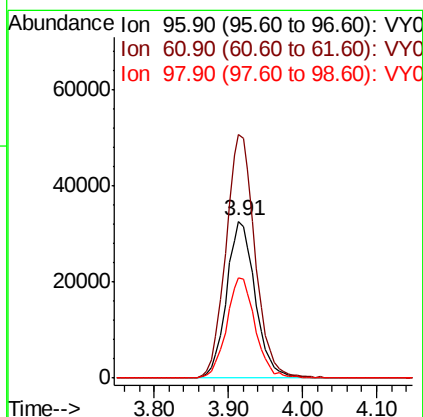
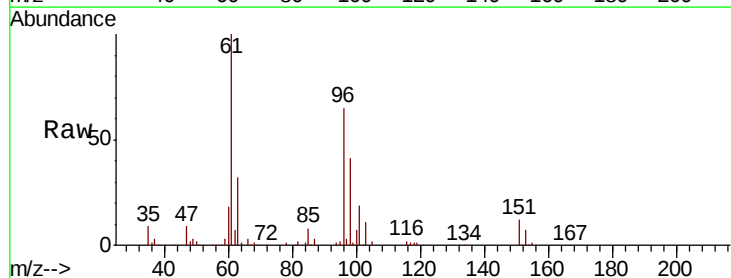
Tot Ion: 59 Resp: 52007
 Ion Ratio Lower Upper
 59 100
 57 9.8 7.0 10.6

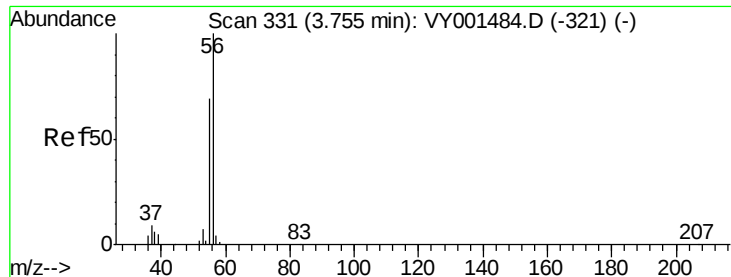


#12

1,1-Dichloroethene
 Concen: 47.501 ug/l
 RT: 3.91 min Scan# 357
 Delta R.T. 0.02 min
 Lab File: VY001576.D
 Acq: 07 Feb 2020 23:25

Tgt Ion: 96 Resp: 87811
 Ion Ratio Lower Upper
 96 100
 61 154.9 122.3 183.5
 98 63.8 49.7 74.5

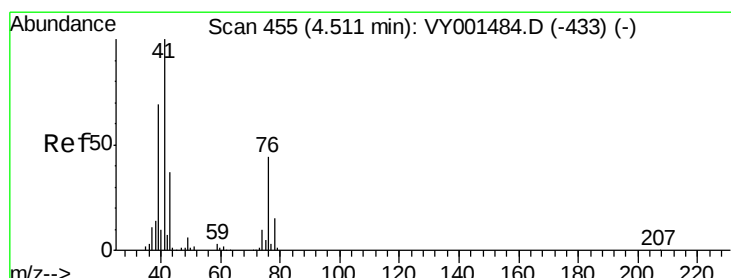
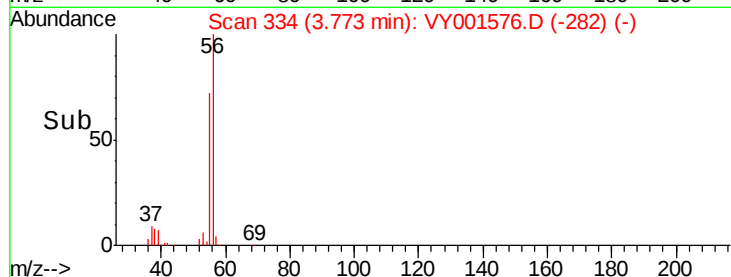
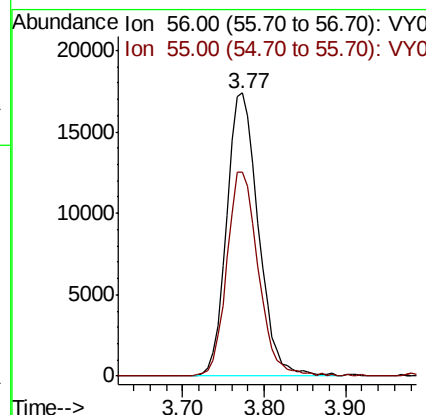
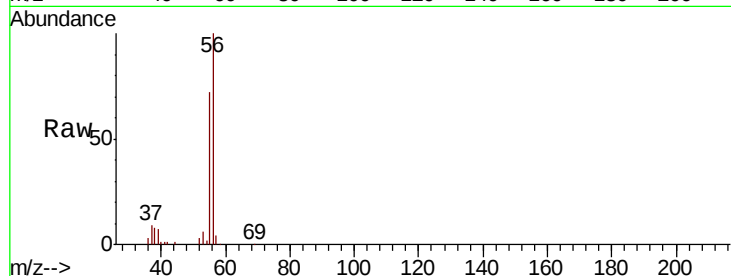




#13
Acrolein
Concen: 279.081 ug/l
RT: 3.77 min Scan# 334
Delta R.T. 0.02 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

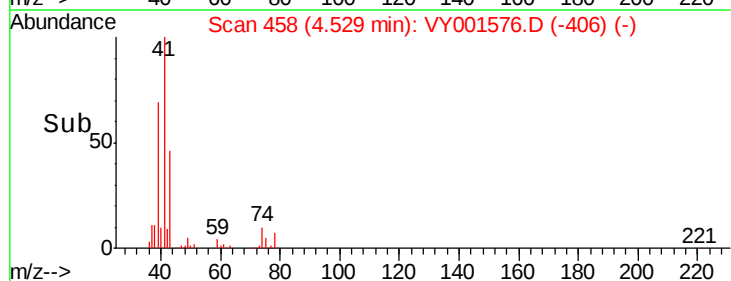
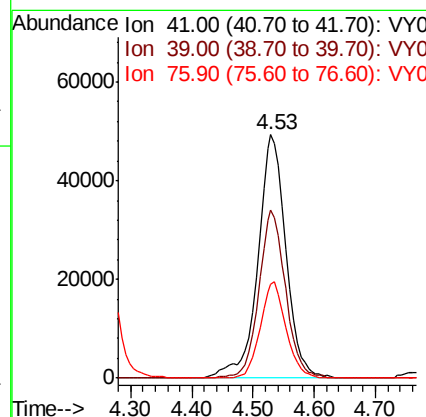
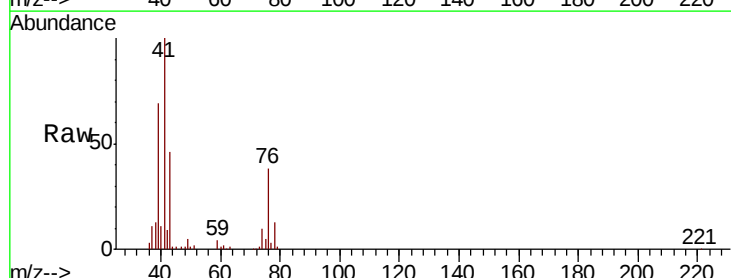
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 56 Resp: 46783
Ion Ratio Lower Upper
56 100
55 71.6 56.2 84.4



#14
Allyl chloride
Concen: 56.037 ug/l
RT: 4.53 min Scan# 458
Delta R.T. 0.02 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Tgt Ion: 41 Resp: 158469
Ion Ratio Lower Upper
41 100
39 66.0 53.0 79.6
76 36.2 32.6 48.8





#15

Acrylonitrile

Concen: 317.704 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.02 min

Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

Instrument :

MSVOA_Y

ClientSampleId :

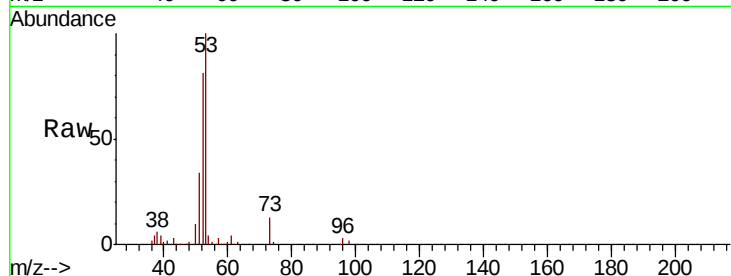
Tot Ion: 53 Resp: 151960

Ion Ratio Lower Upper

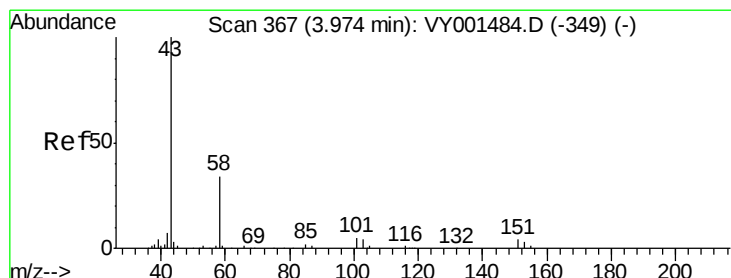
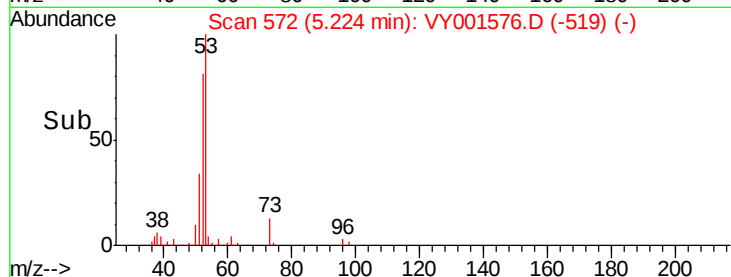
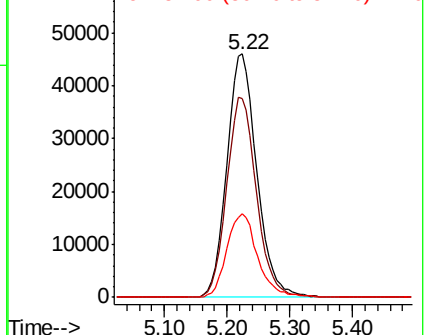
53 100

52 81.7 65.4 98.2

51 35.5 29.0 43.4



Abundance Ion 53.00 (52.70 to 53.70): VY0
Ion 52.00 (51.70 to 52.70): VY0
Ion 51.00 (50.70 to 51.70): VY0



#16

Acetone

Concen: 221.633 ug/l

RT: 3.99 min Scan# 370

Delta R.T. 0.02 min

Lab File: VY001576.D

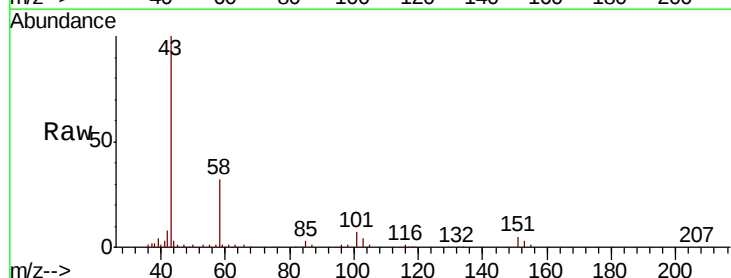
Acq: 07 Feb 2020 23:25

Tgt Ion: 43 Resp: 113497

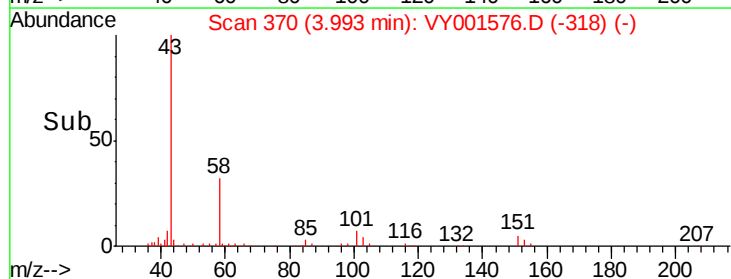
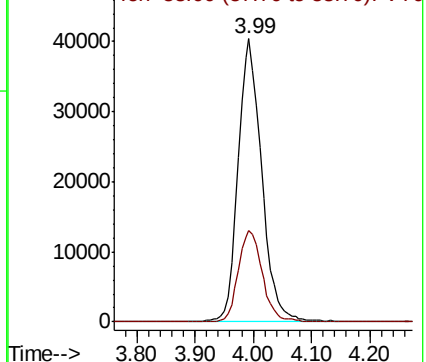
Ion Ratio Lower Upper

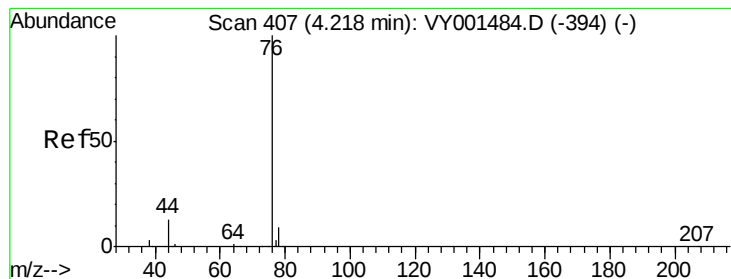
43 100

58 32.1 27.5 41.3



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





#17

Carbon Disulfide

Concen: 49.048 ug/l

RT: 4.24 min Scan# 410

Delta R.T. 0.02 min

Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

Instrument :

MSVOA_Y

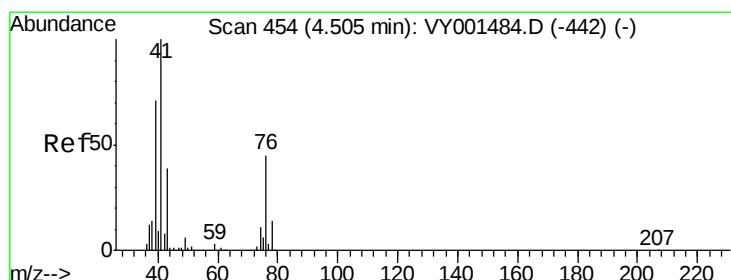
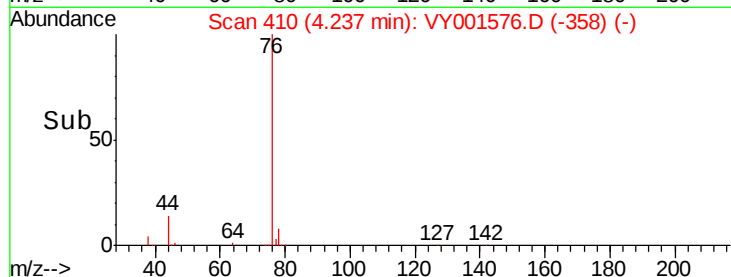
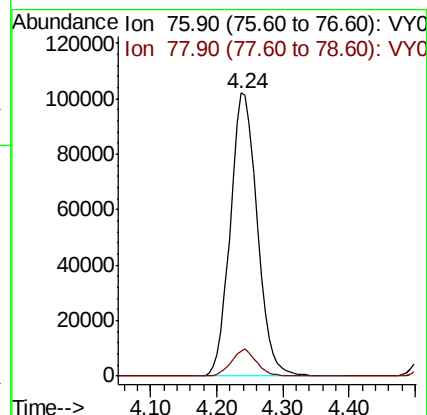
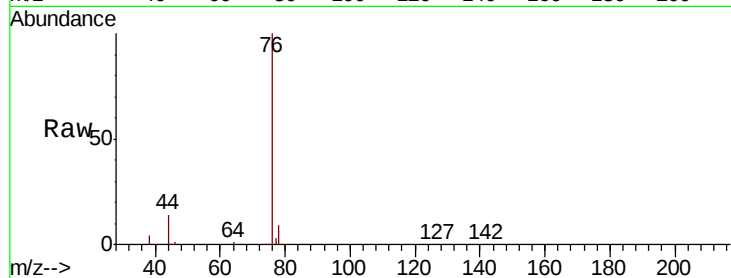
ClientSampled :

Tot Ion: 76 Resp: 288647

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.6



#18

Methyl Acetate

Concen: 62.512 ug/l

RT: 4.53 min Scan# 458

Delta R.T. 0.02 min

Lab File: VY001576.D

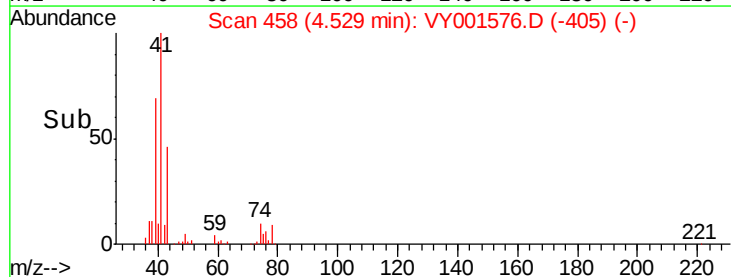
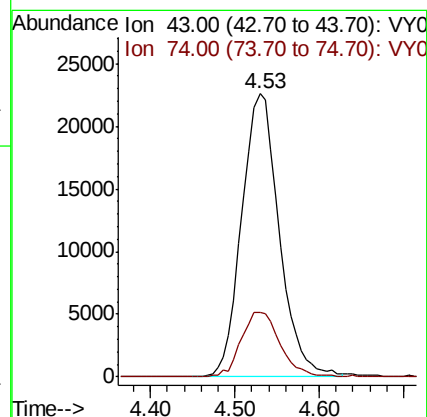
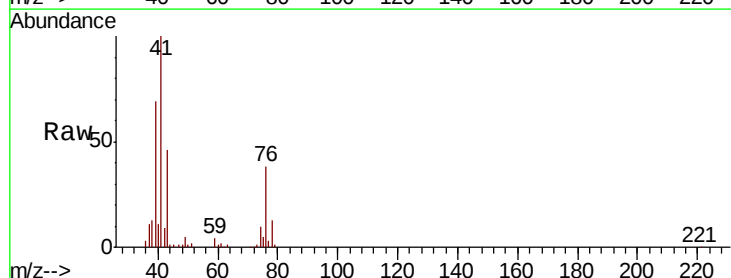
Acq: 07 Feb 2020 23:25

Tgt Ion: 43 Resp: 68313

Ion Ratio Lower Upper

43 100

74 23.5 21.0 31.6

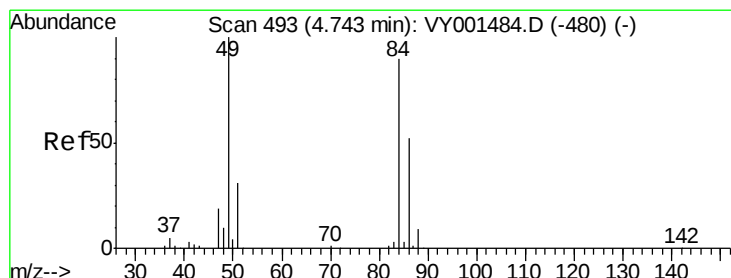
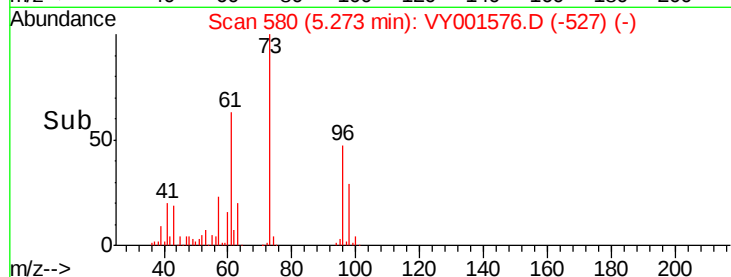
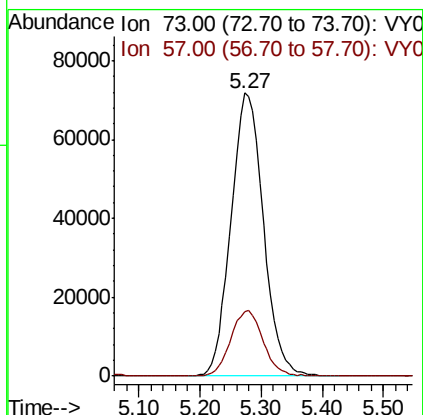
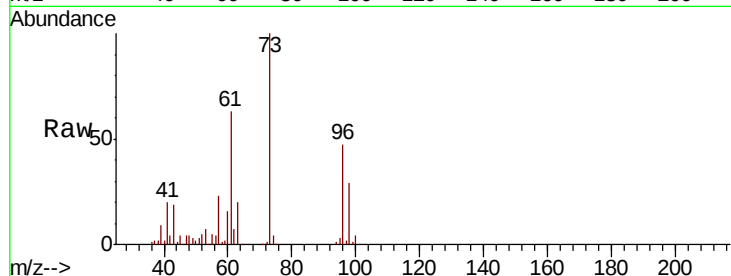




#19
Methvl tert-butvl Ether
Concen: 53.539 ug/l
RT: 5.27 min Scan# 580
Delta R.T. 0.02 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

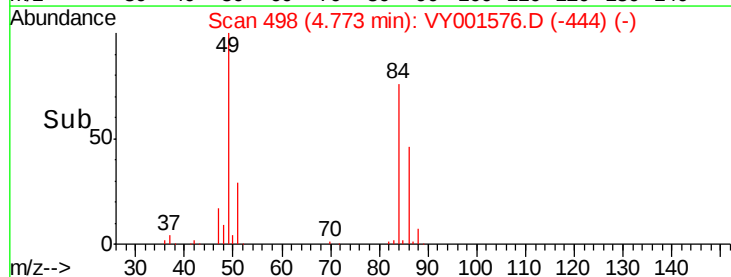
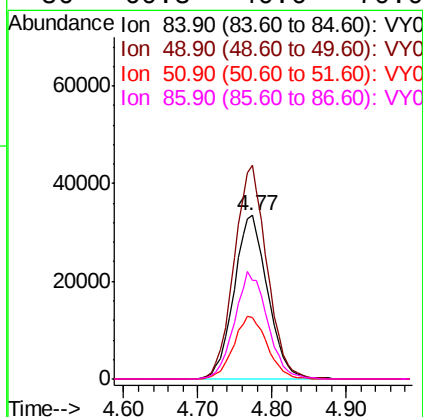
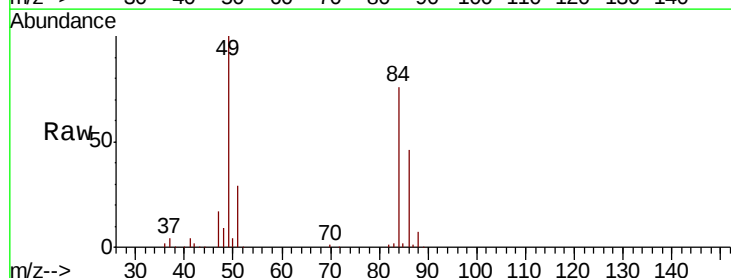
Instrument :
MSVOA_Y
ClientSampled :

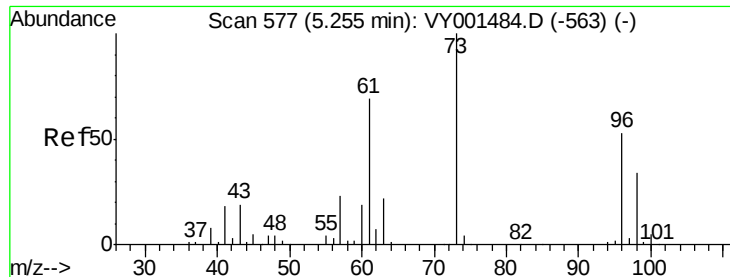
Tot Ion: 73 Resp: 263206
Ion Ratio Lower Upper
73 100
57 23.0 17.0 25.6



#20
Methylene Chloride
Concen: 53.210 ug/l
RT: 4.77 min Scan# 498
Delta R.T. 0.03 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Tgt Ion: 84 Resp: 106085
Ion Ratio Lower Upper
84 100
49 130.8 89.0 133.6
51 37.5 27.4 41.2
86 60.3 46.6 70.0





#21

trans-1,2-Dichloroethene

Concen: 50.009 ug/l

RT: 5.27 min Scan# 580

Delta R.T. 0.02 min

Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

Instrument :
MSVOA_Y
ClientSampleId :

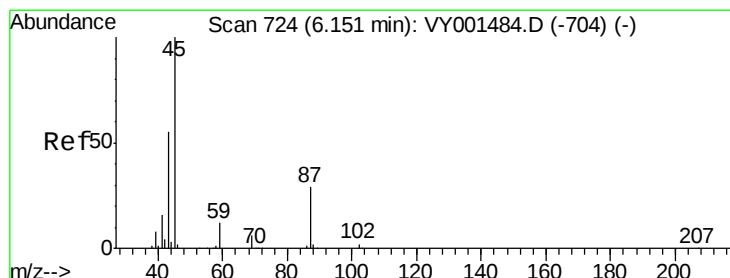
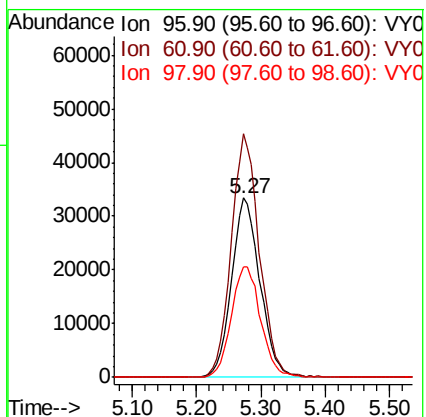
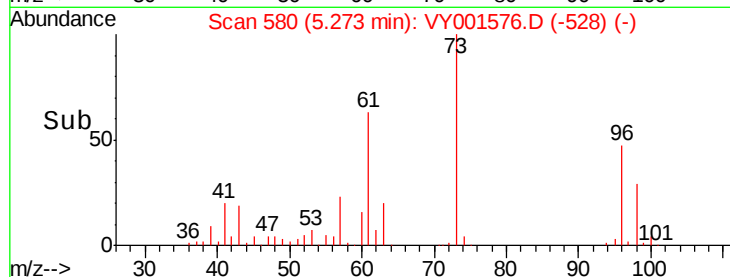
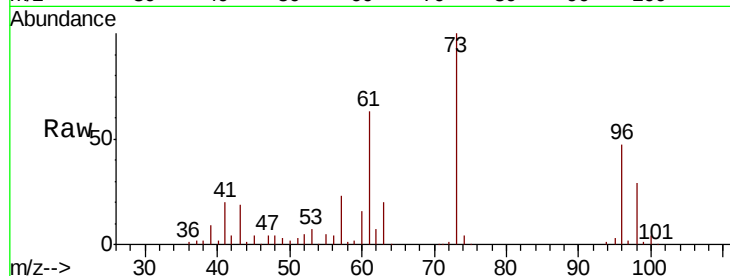
Tot Ion: 96 Resp: 102773

Ion Ratio Lower Upper

96 100

61 135.7 104.2 156.4

98 61.8 51.4 77.0



#22

Diisopropyl ether

Concen: 61.168 ug/l

RT: 6.18 min Scan# 728

Delta R.T. 0.02 min

Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

Tgt Ion: 45 Resp: 342710

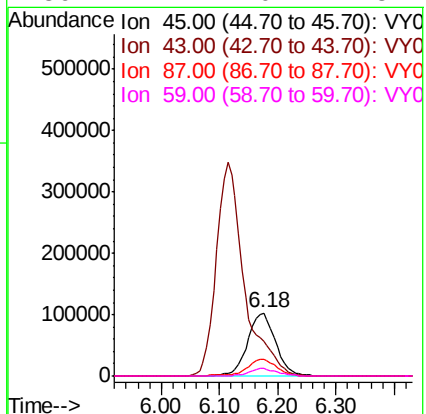
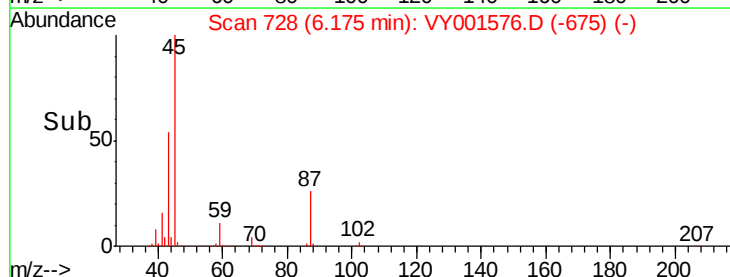
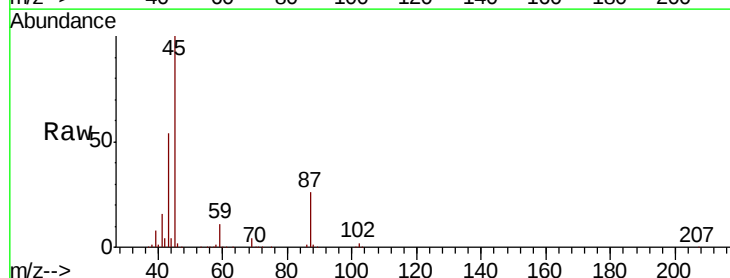
Ion Ratio Lower Upper

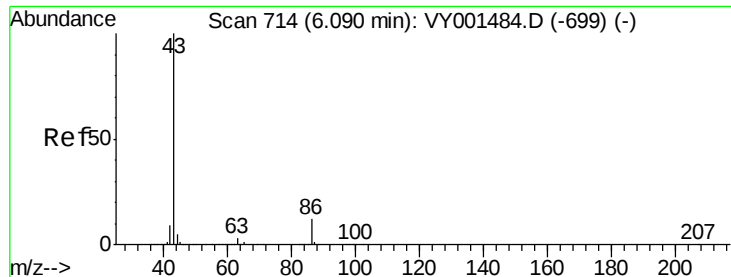
45 100

43 53.9 44.2 66.4

87 25.7 23.9 35.9

59 11.2 10.2 15.2





#23

Vinyl Acetate

Concen: 323.652 ug/l

RT: 6.11 min Scan# 718

Delta R.T. 0.02 min

Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

Instrument :

MSVOA_Y

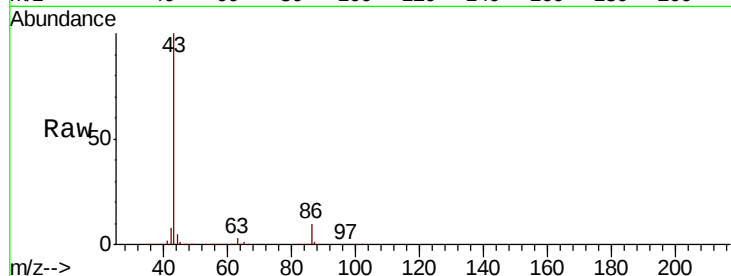
ClientSampleId :

Tot Ion: 43 Resp: 1154369

Ion Ratio Lower Upper

43 100

86 10.2 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VY001484.D (-699) (-)

Ion 86.00 (85.70 to 86.70): VY001484.D (-699) (-)

6.11

400000

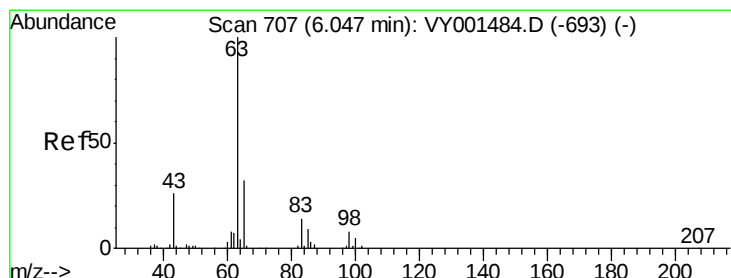
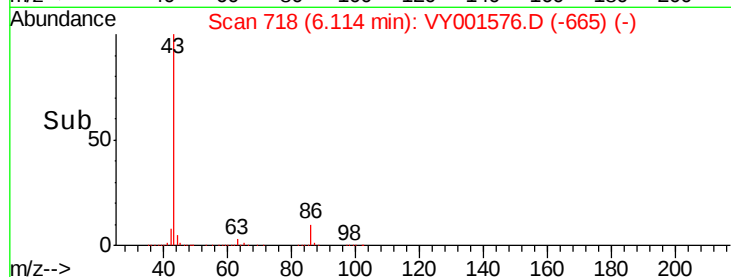
300000

200000

100000

0

Time--> 5.90 6.00 6.10 6.20 6.30



#24

1,1-Dichloroethane

Concen: 53.247 ug/l

RT: 6.08 min Scan# 712

Delta R.T. 0.03 min

Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

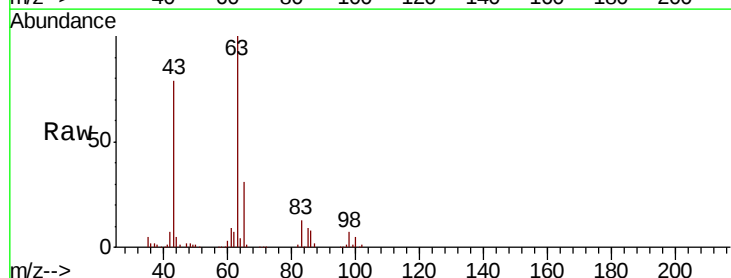
Tgt Ion: 63 Resp: 179444

Ion Ratio Lower Upper

63 100

98 7.4 4.0 11.9

100 4.6 2.6 8.0



Abundance Ion 62.90 (62.60 to 63.60): VY001484.D (-693) (-)

Ion 97.90 (97.60 to 98.60): VY001484.D (-693) (-)

Ion 99.90 (99.60 to 100.60): VY001484.D (-693) (-)

6.08

80000

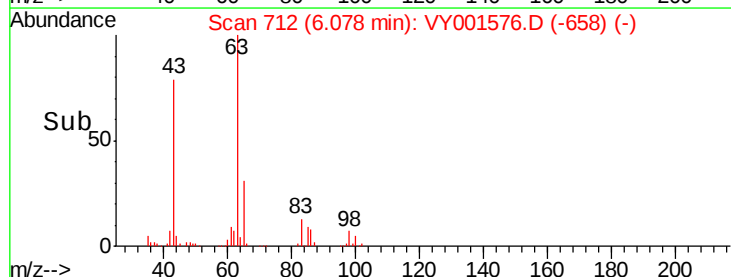
60000

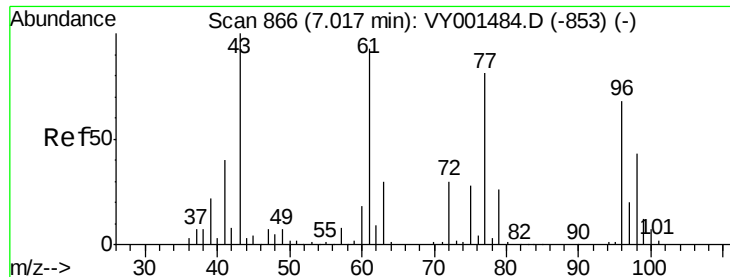
40000

20000

0

Time--> 5.90 6.00 6.10 6.20

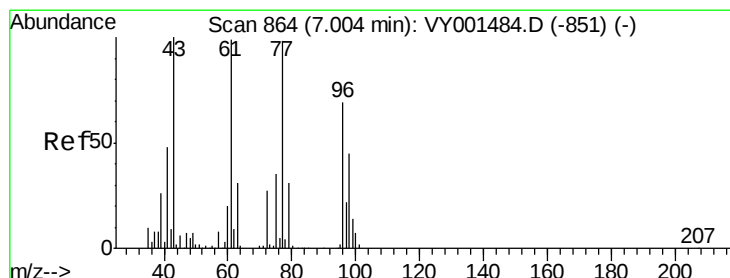
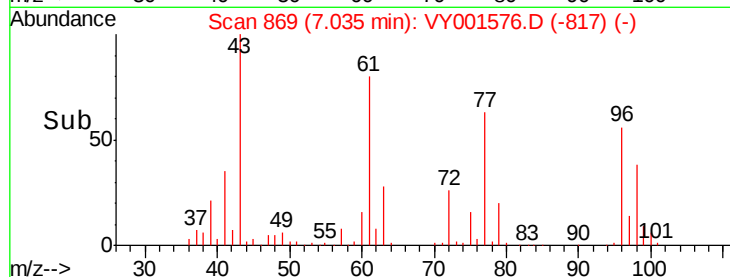
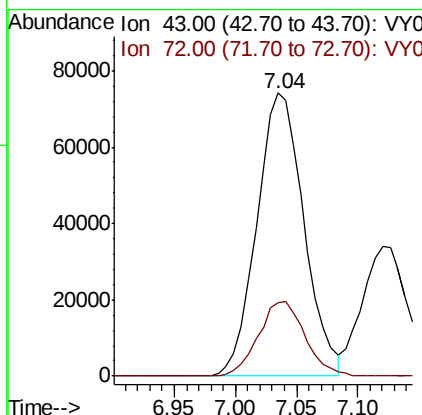
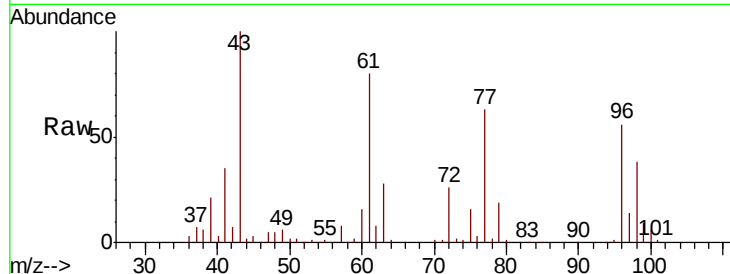




#25
2-Butanone
Concen: 299.735 ug/l
RT: 7.04 min Scan# 869
Delta R.T. 0.02 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

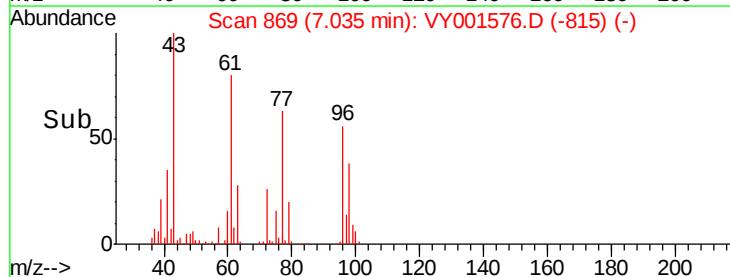
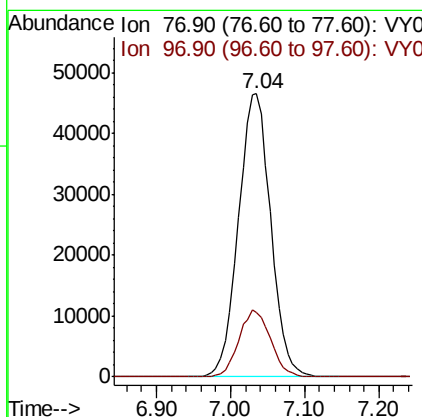
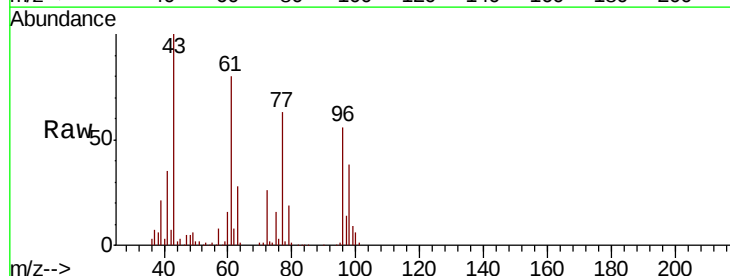
Instrument :
MSVOA_Y
ClientSampled :

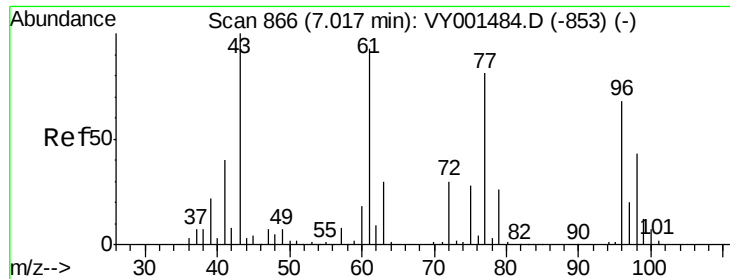
Tot Ion: 43 Resp: 199133
Ion Ratio Lower Upper
43 100
72 25.9 23.8 35.8



#26
2,2-Dichloropropane
Concen: 43.932 ug/l
RT: 7.04 min Scan# 869
Delta R.T. 0.03 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Tgt Ion: 77 Resp: 141695
Ion Ratio Lower Upper
77 100
97 23.2 11.7 35.0



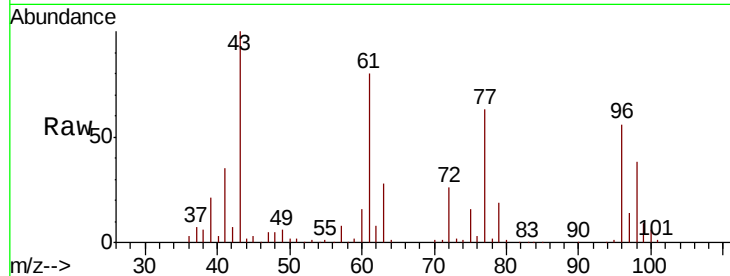


#27

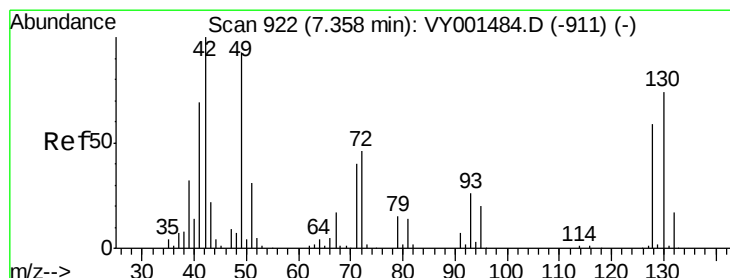
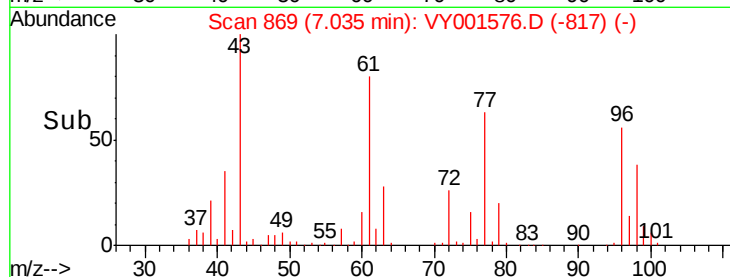
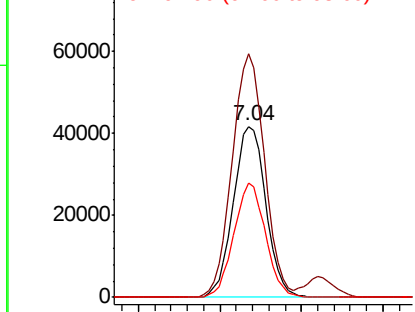
cis-1,2-Dichloroethene
Concen: 51.389 ug/l
RT: 7.04 min Scan# 869
Delta R.T. 0.02 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion	96	Resp	115348
Ion	Ratio	Lower	Upper
96	100		
61	141.7	0.0	278.8
98	64.8	0.0	128.8



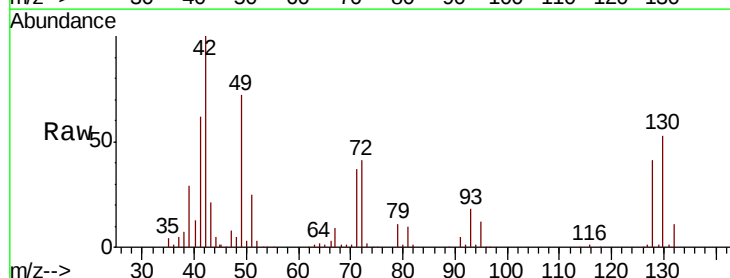
Abundance Ion 95.90 (95.60 to 96.60): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 97.90 (97.60 to 98.60): VY0



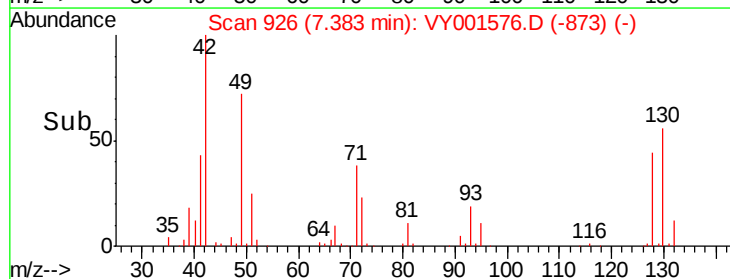
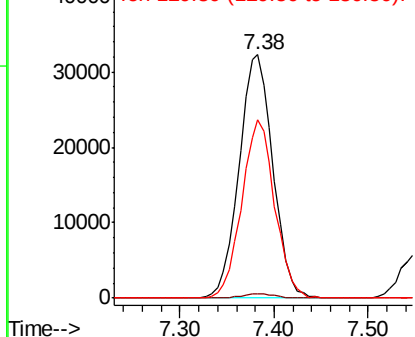
#28

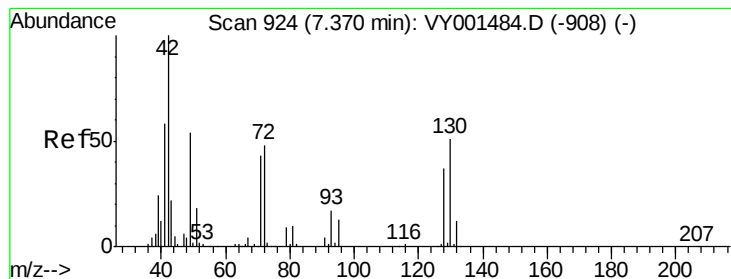
Bromochloromethane
Concen: 70.349 ug/l
RT: 7.38 min Scan# 926
Delta R.T. 0.02 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Tgt Ion	49	Resp	80764
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.8
130	71.7	65.4	98.2



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





#29

Tetrahydrofuran

Concen: 345.476 ug/l

RT: 7.39 min Scan# 928

Delta R.T. 0.02 min

Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

Instrument :
MSVOA_Y
ClientSampleId :

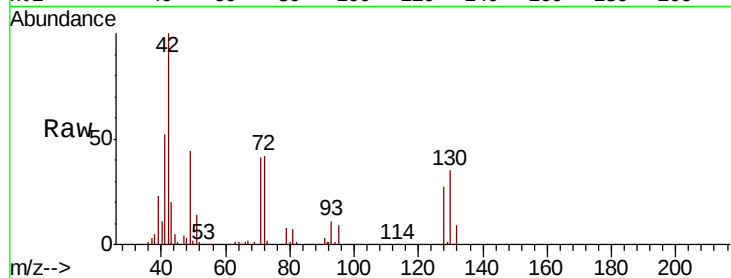
Tot Ion: 42 Resp: 137568

Ion Ratio Lower Upper

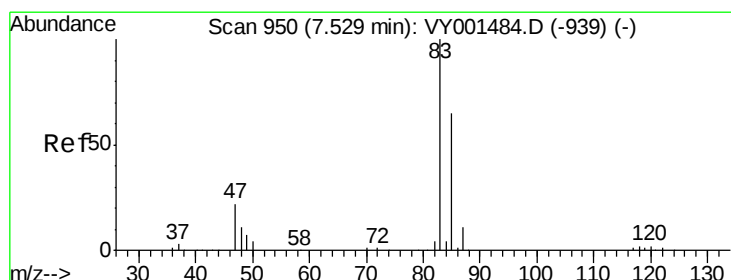
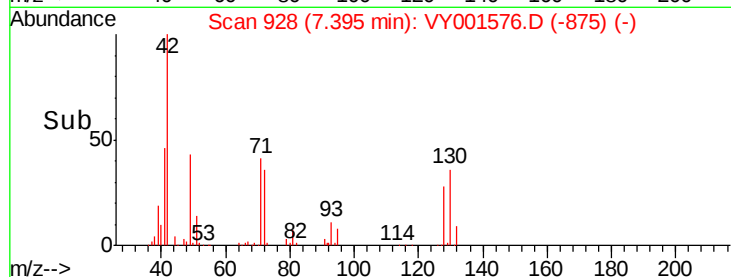
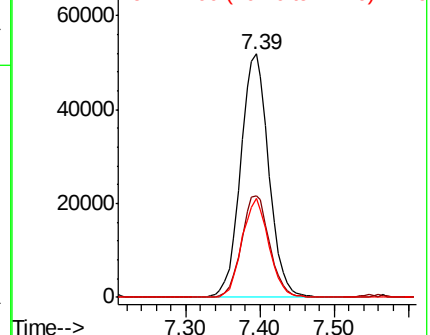
42 100

72 41.6 37.8 56.6

71 38.8 34.8 52.2



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



#30

Chloroform

Concen: 51.200 ug/l

RT: 7.55 min Scan# 954

Delta R.T. 0.02 min

Lab File: VY001576.D

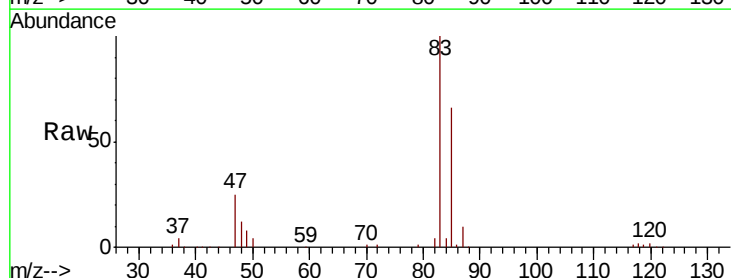
Acq: 07 Feb 2020 23:25

Tgt Ion: 83 Resp: 174777

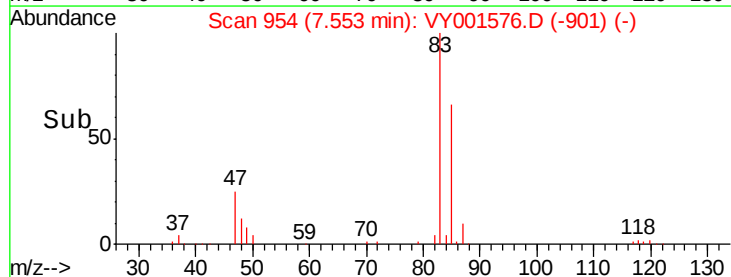
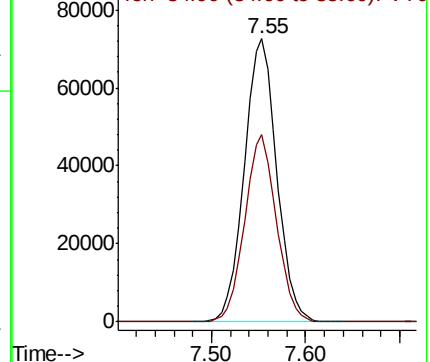
Ion Ratio Lower Upper

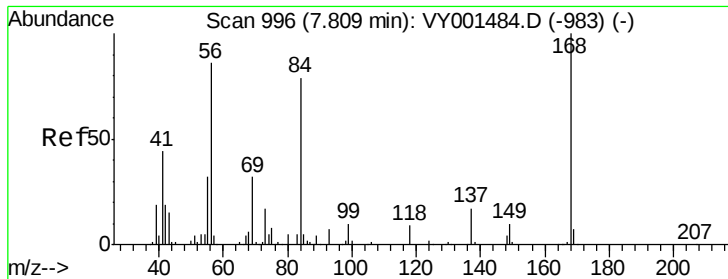
83 100

85 66.1 52.4 78.6



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





#31

Cyclohexane

Concen: 48.983 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.02 min

Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

Instrument :

MSVOA_Y

ClientSampled :

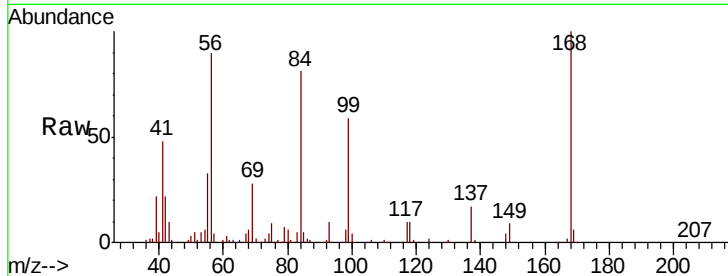
Tot Ion: 56 Resp: 168859

Ion Ratio Lower Upper

56 100

69 31.6 29.6 44.4

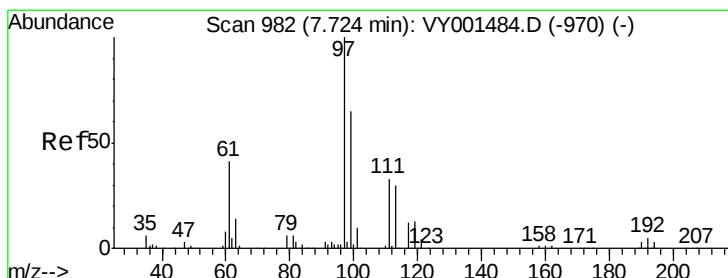
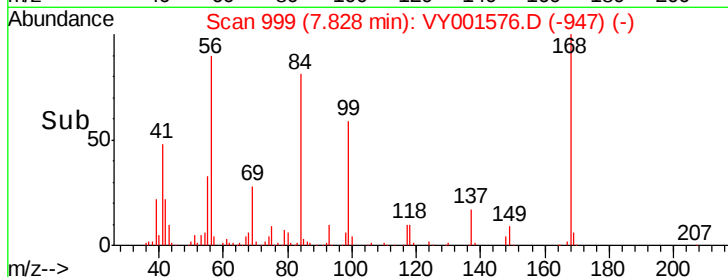
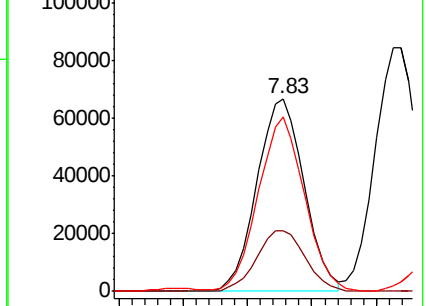
84 89.3 73.6 110.4



Abundance Ion 56.00 (55.70 to 56.70): VY001576.D (-947) (-)

Ion 69.00 (68.70 to 69.70): VY001576.D (-947) (-)

Ion 84.00 (83.70 to 84.70): VY001576.D (-947) (-)



#32

1,1,1-Trichloroethane

Concen: 47.278 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.02 min

Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

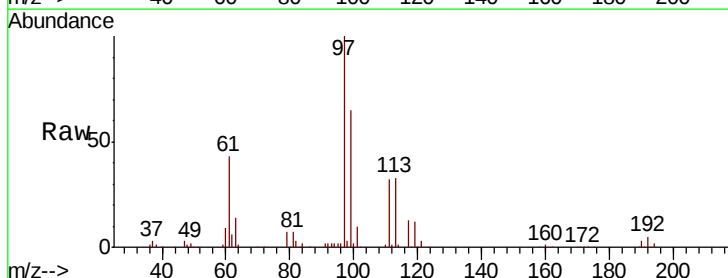
Tgt Ion: 97 Resp: 146326

Ion Ratio Lower Upper

97 100

99 64.5 51.8 77.8

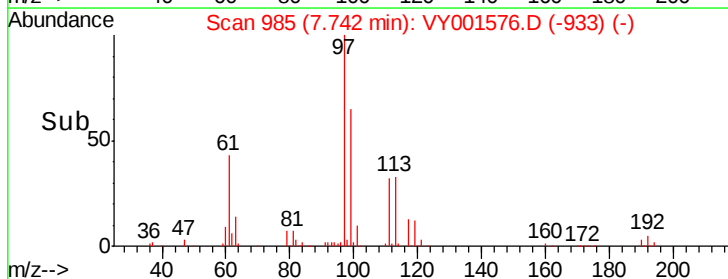
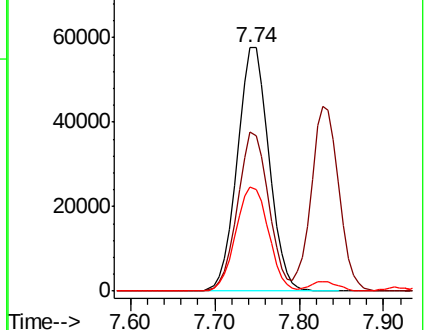
61 44.2 32.5 48.7

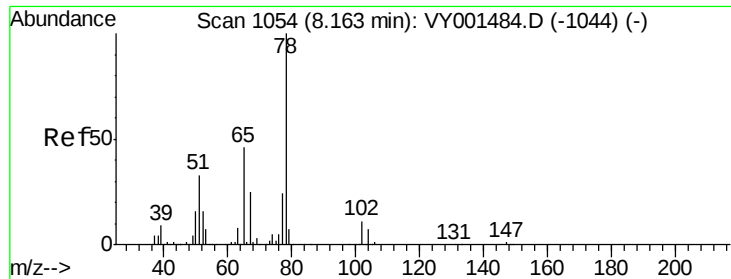


Abundance Ion 96.90 (96.60 to 97.60): VY001576.D (-933) (-)

Ion 98.90 (98.60 to 99.60): VY001576.D (-933) (-)

Ion 60.90 (60.60 to 61.60): VY001576.D (-933) (-)

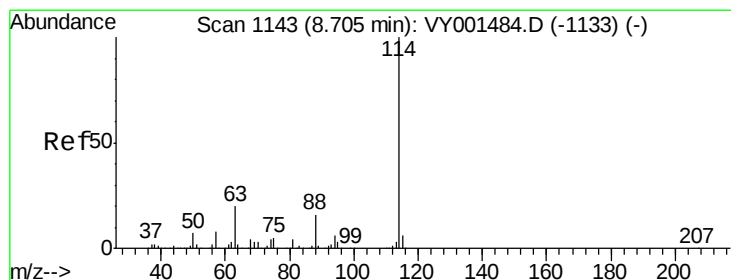
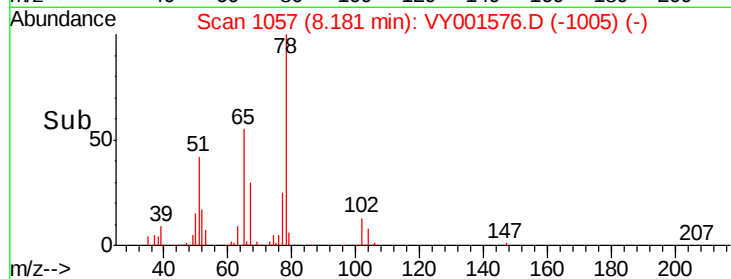
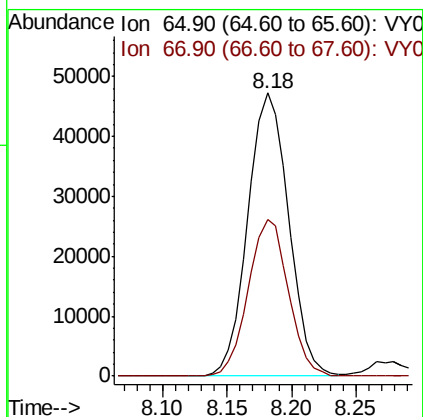
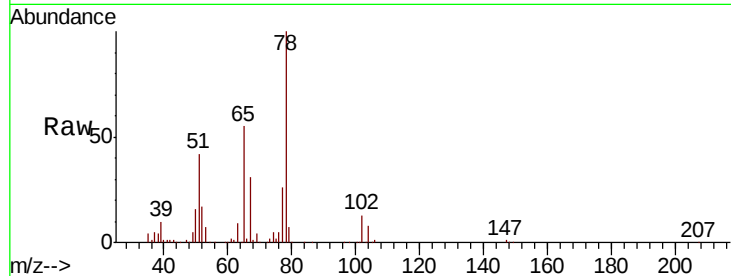




#33
 1,2-Dichloroethane-d4
 Concen: 58.641 ug/l
 RT: 8.18 min Scan# 1057
 Delta R.T. 0.02 min
 Lab File: VY001576.D
 Acq: 07 Feb 2020 23:25

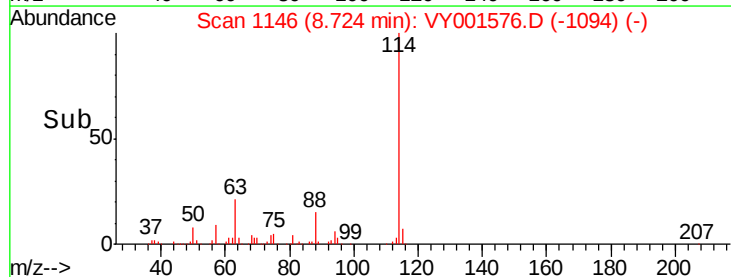
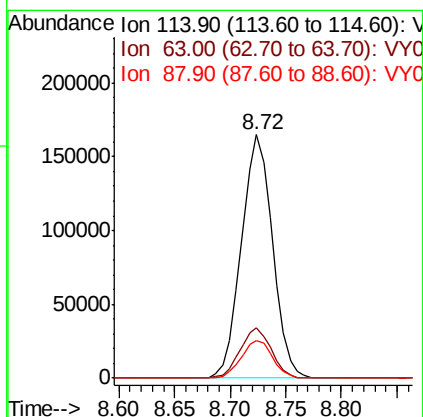
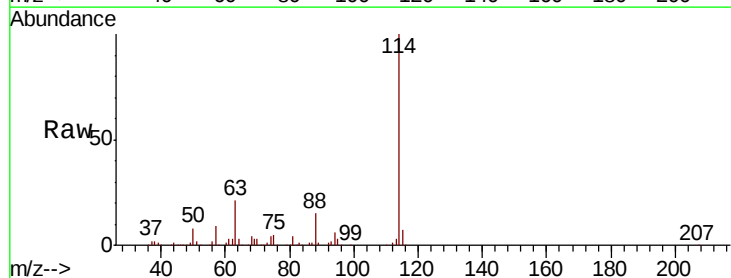
Instrument :
 MSVOA_Y
 ClientSampled :

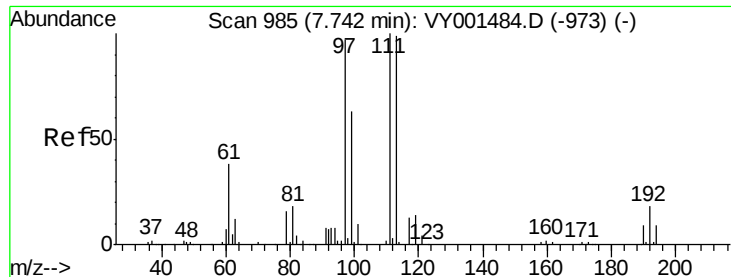
Tot Ion: 65 Resp: 103815
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1146
 Delta R.T. 0.02 min
 Lab File: VY001576.D
 Acq: 07 Feb 2020 23:25

Tgt Ion: 114 Resp: 320329
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 39.8
 88 15.3 0.0 32.6

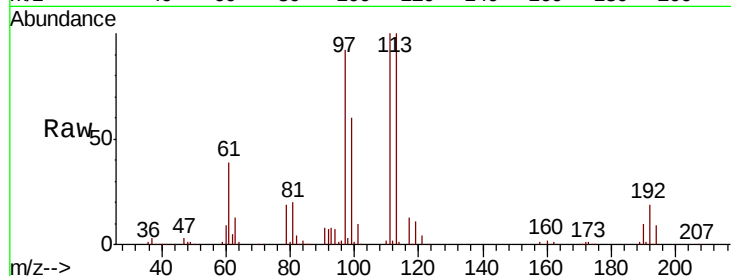




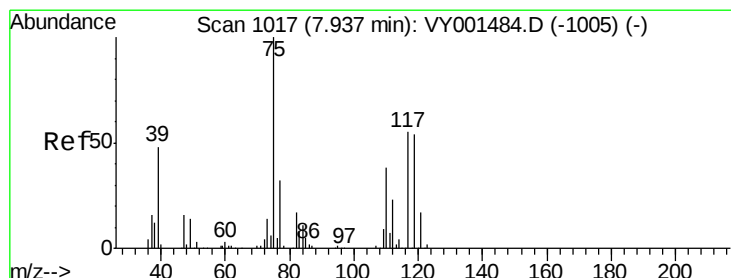
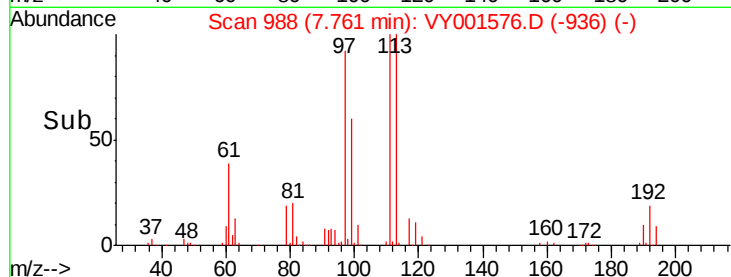
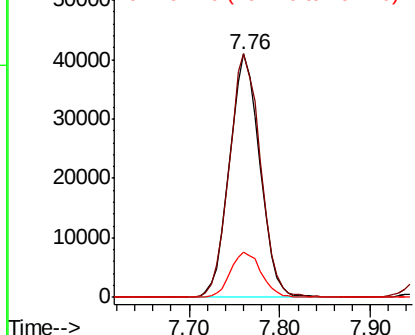
#35
 Dibromofluoromethane
 Concen: 51.677 ug/l
 RT: 7.76 min Scan# 988
 Delta R.T. 0.02 min
 Lab File: VY001576.D
 Acq: 07 Feb 2020 23:25

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:113 Resp: 95456
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.9 124.3
 192 18.8 14.6 22.0

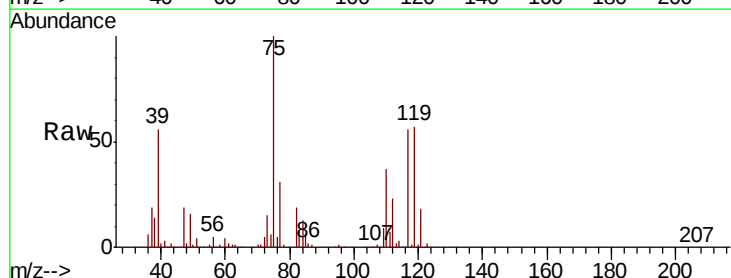


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

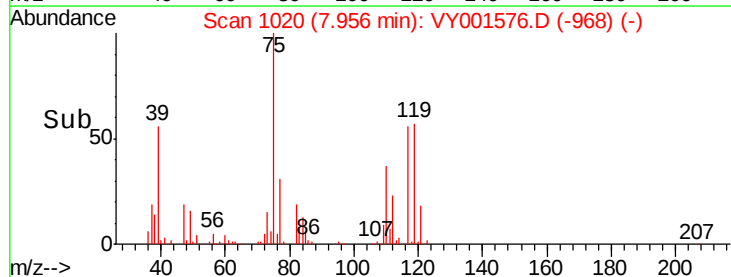
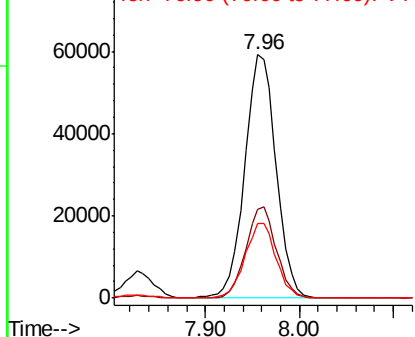


#36
 1,1-Dichloropropene
 Concen: 47.095 ug/l
 RT: 7.96 min Scan# 1020
 Delta R.T. 0.02 min
 Lab File: VY001576.D
 Acq: 07 Feb 2020 23:25

Tgt Ion: 75 Resp: 138008
 Ion Ratio Lower Upper
 75 100
 110 36.1 18.2 54.6
 77 30.8 25.0 37.4



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

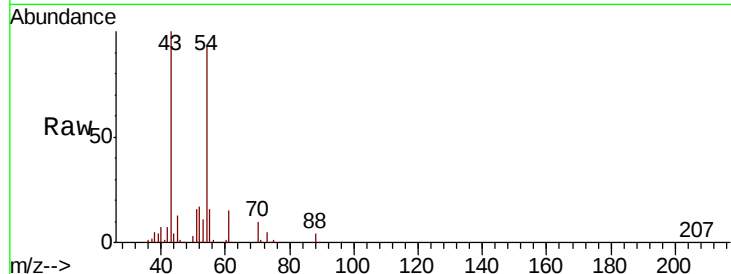




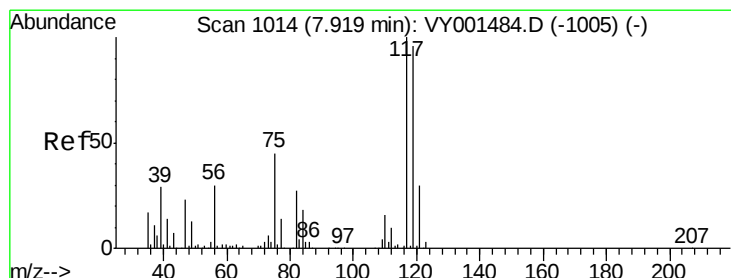
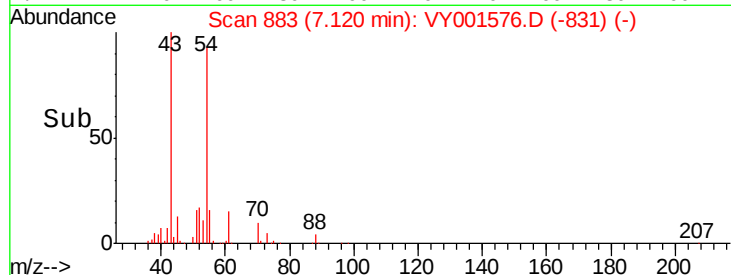
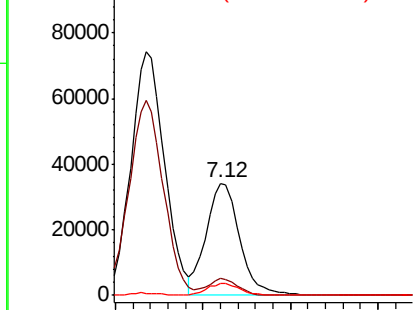
#37
Ethyl Acetate
Concen: 64.008 ug/l
RT: 7.12 min Scan# 883
Delta R.T. 0.02 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 90801
Ion Ratio Lower Upper
43 100
61 13.8 12.0 18.0
70 10.3 10.2 15.4

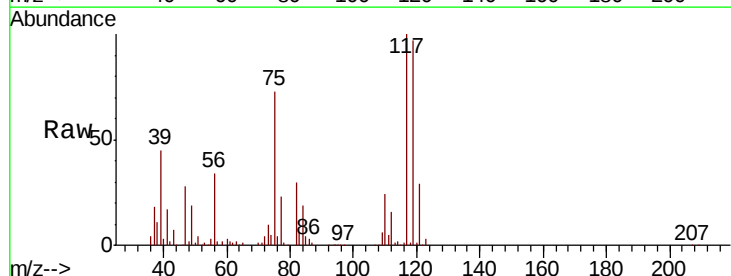


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 60.90 (60.60 to 61.60): VY0
Ion 70.00 (69.70 to 70.70): VY0

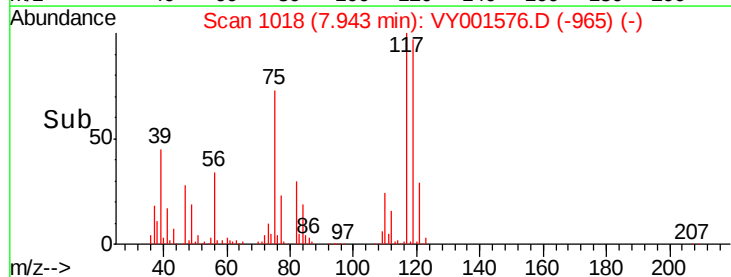
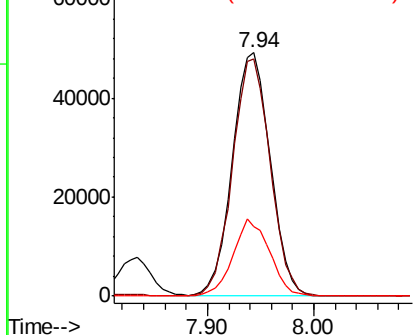


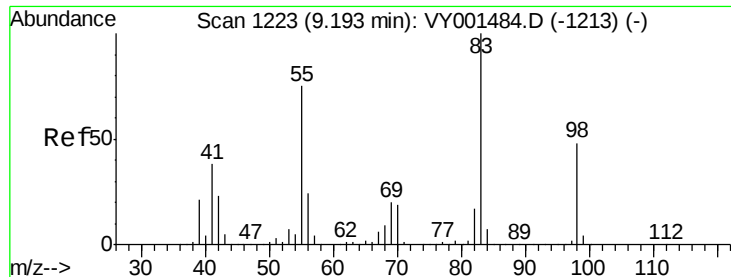
#38
Carbon Tetrachloride
Concen: 43.410 ug/l
RT: 7.94 min Scan# 1018
Delta R.T. 0.02 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Tgt Ion: 117 Resp: 123075
Ion Ratio Lower Upper
117 100
119 97.4 76.4 114.6
121 28.8 24.2 36.4



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

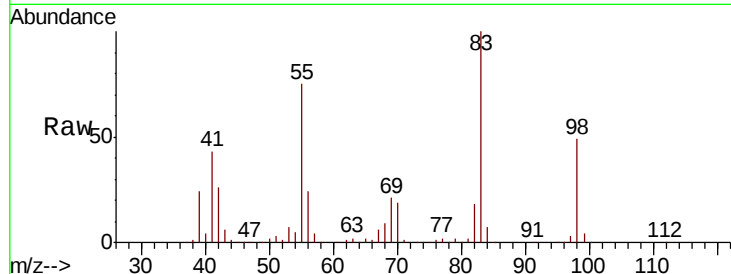




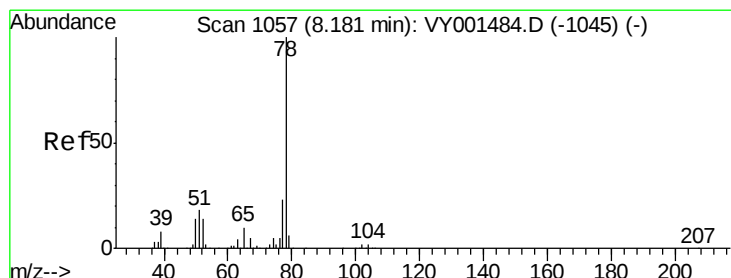
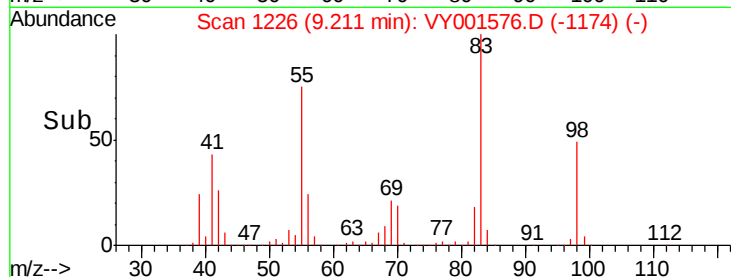
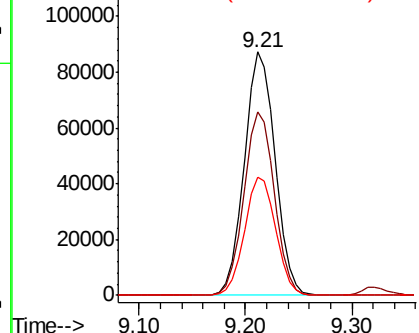
#39
Methvlcvclohexane
Concen: 46.072 ug/l
RT: 9.21 min Scan# 1226
Delta R.T. 0.02 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 177769
Ion Ratio Lower Upper
83 100
55 75.4 59.8 89.6
98 48.5 38.6 57.8

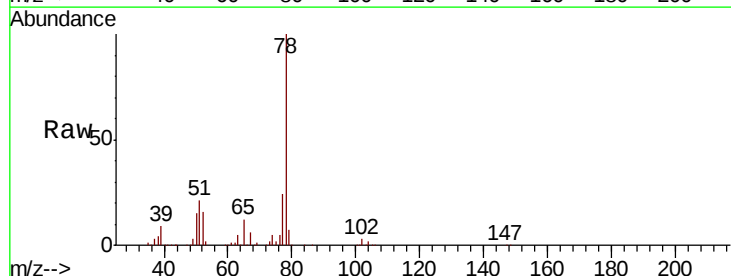


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

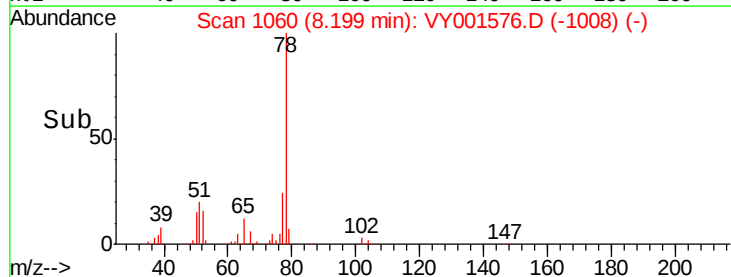
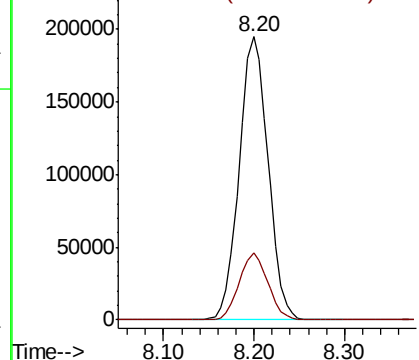


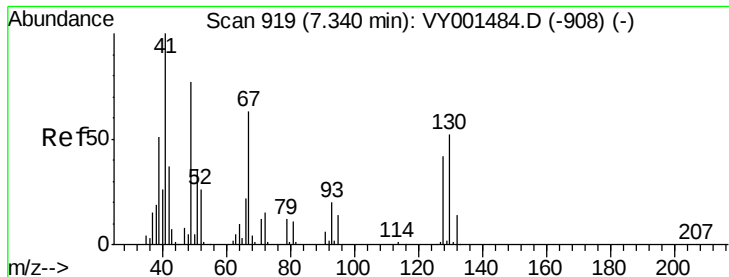
#40
Benzene
Concen: 51.429 ug/l
RT: 8.20 min Scan# 1060
Delta R.T. 0.02 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Tgt Ion: 78 Resp: 429866
Ion Ratio Lower Upper
78 100
77 23.6 18.5 27.7



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





#41

Methacrylonitrile

Concen: 186.150 ug/l

RT: 7.39 min Scan# 927

Delta R.T. 0.05 min

Lab File: VY001576.D

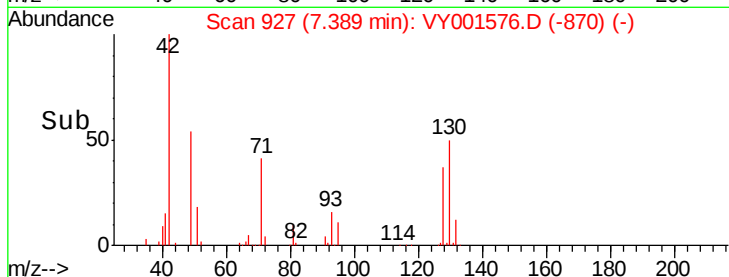
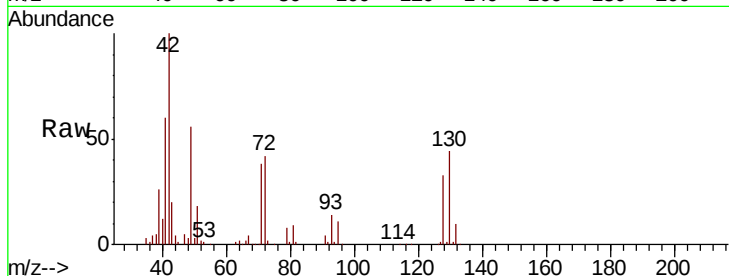
Acq: 07 Feb 2020 23:25

Instrument :
MSVOA_Y
ClientSampleId :

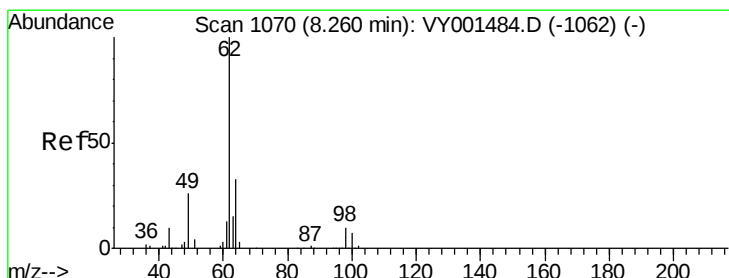
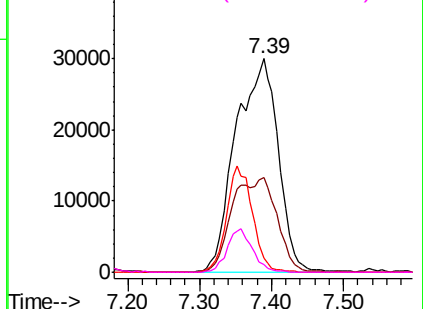
Tot Ion: 41 Resp: 122389

Ion Ratio Lower Upper

41	100		
39	0.0	116.8	175.2#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 39.00 (38.70 to 39.70): VY0
Ion 67.00 (66.70 to 67.70): VY0
Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 51.941 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.02 min

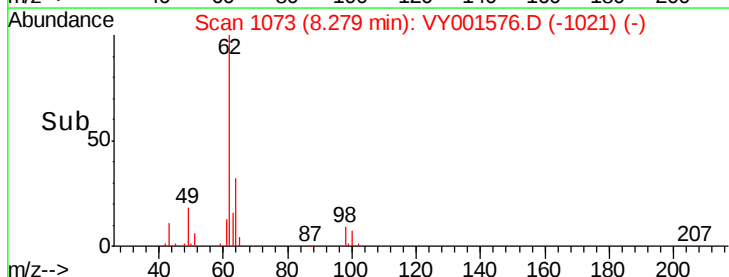
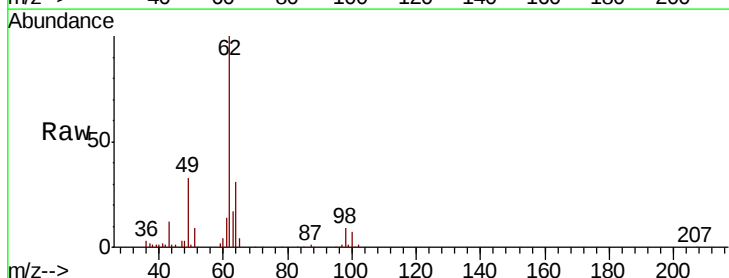
Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

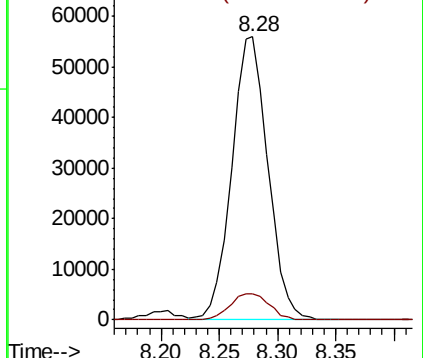
Tgt Ion: 62 Resp: 120952

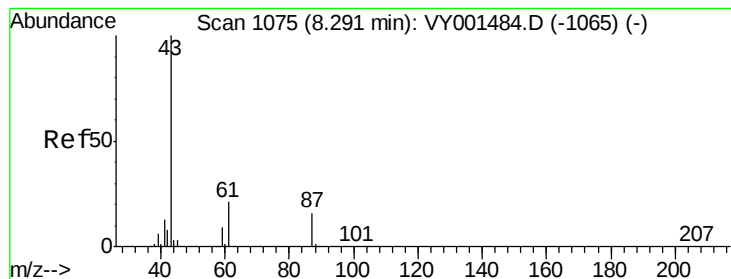
Ion Ratio Lower Upper

62	100		
98	9.9	0.0	21.0



Abundance Ion 61.90 (61.60 to 62.60): VY0
Ion 97.90 (97.60 to 98.60): VY0





#43

Isopropyl Acetate

Concen: 62.097 ug/l

RT: 8.31 min Scan# 1078

Delta R.T. 0.02 min

Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

Instrument :

MSVOA_Y

ClientSampled :

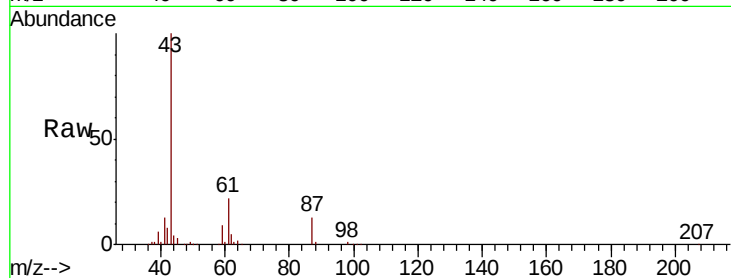
Tot Ion: 43 Resp: 174416

Ion Ratio Lower Upper

43 100

61 28.5 25.1 37.7

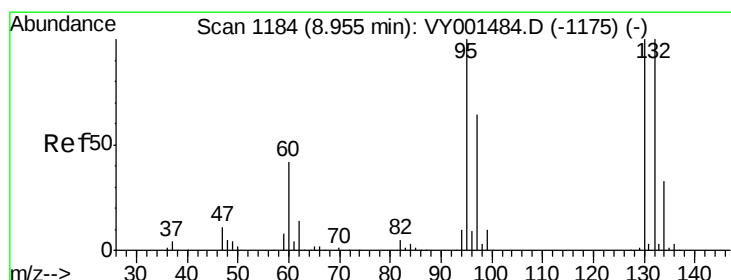
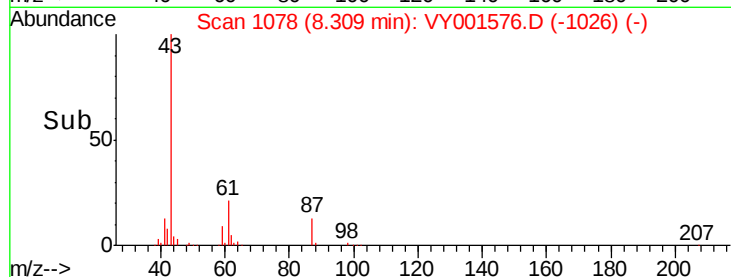
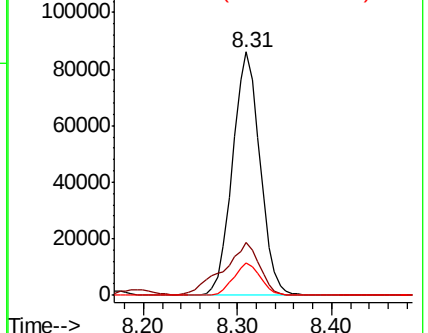
87 13.1 12.6 19.0



Abundance Ion 43.00 (42.70 to 43.70): VY001576.D (-1078) (-)

Ion 61.00 (60.70 to 61.70): VY001576.D (-1078) (-)

Ion 87.00 (86.70 to 87.70): VY001576.D (-1078) (-)



#44

Trichloroethene

Concen: 47.205 ug/l

RT: 8.97 min Scan# 1187

Delta R.T. 0.02 min

Lab File: VY001576.D

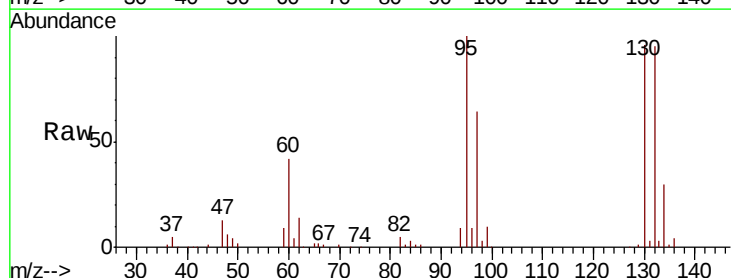
Acq: 07 Feb 2020 23:25

Tgt Ion:130 Resp: 106354

Ion Ratio Lower Upper

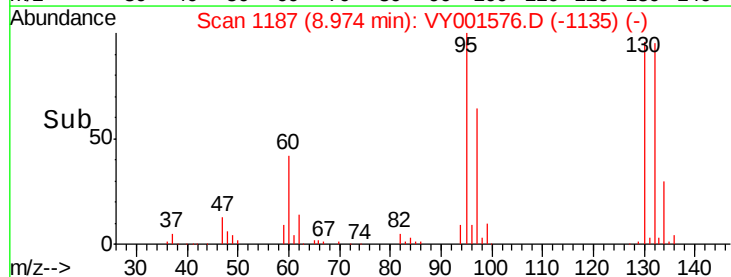
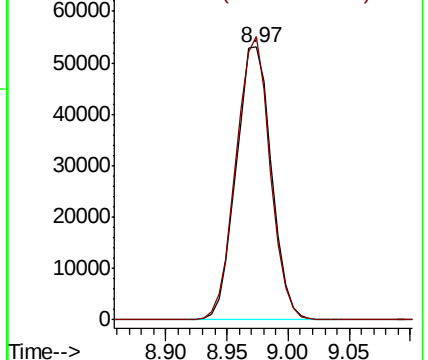
130 100

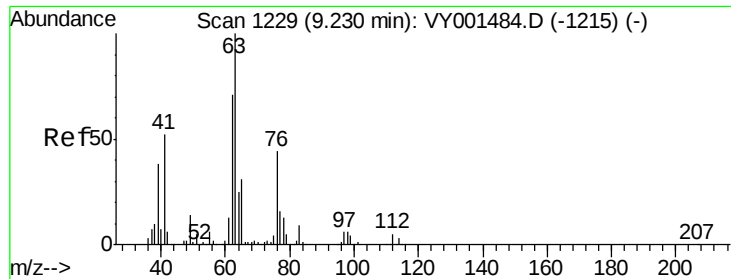
95 103.8 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): VY001576.D (-1187) (-)

Ion 94.90 (94.60 to 95.60): VY001576.D (-1187) (-)





#45

1,2-Dichloropropane

Concen: 54.231 ug/l

RT: 9.25 min Scan# 1232

Delta R.T. 0.02 min

Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

Instrument :

MSVOA_Y

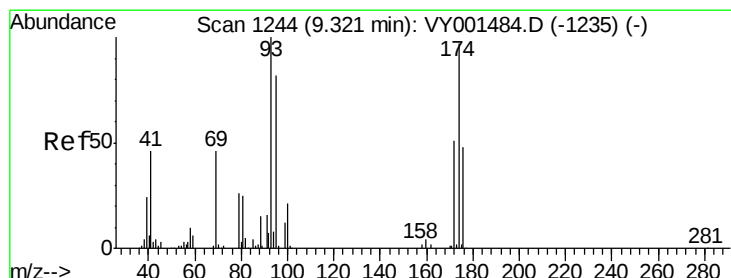
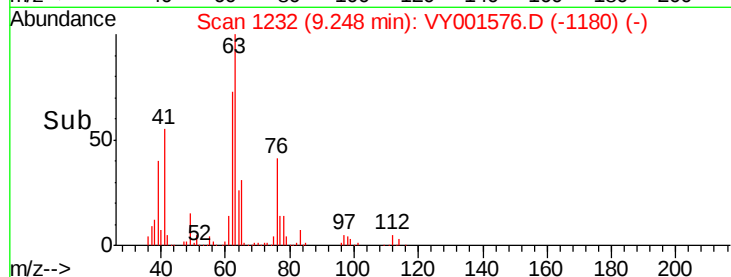
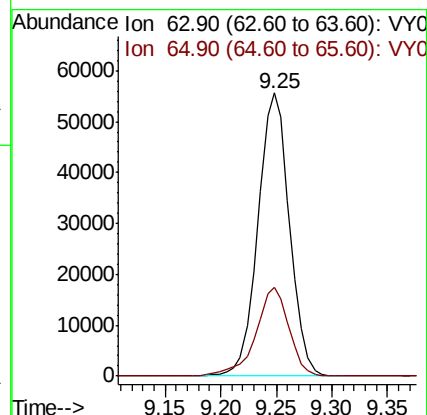
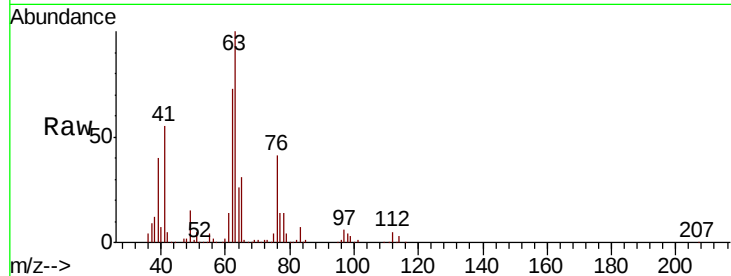
ClientSampled :

Tot Ion: 63 Resp: 109458

Ion Ratio Lower Upper

63 100

65 31.4 25.0 37.4



#46

Dibromomethane

Concen: 51.871 ug/l

RT: 9.34 min Scan# 1247

Delta R.T. 0.02 min

Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

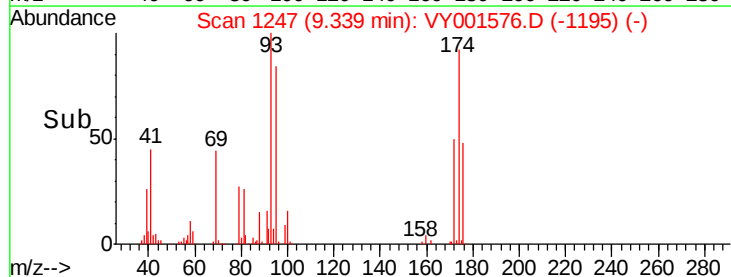
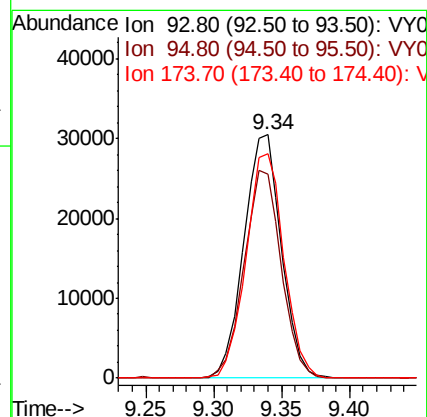
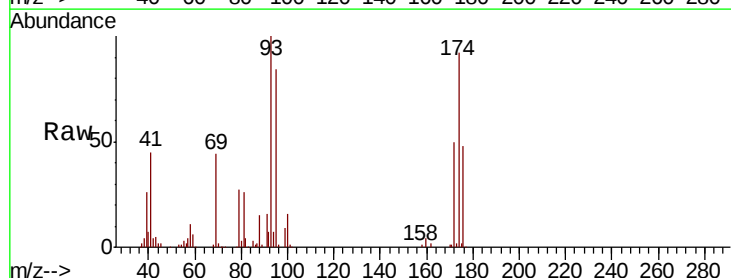
Tgt Ion: 93 Resp: 58789

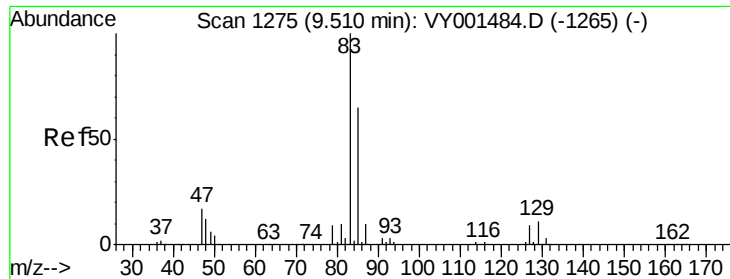
Ion Ratio Lower Upper

93 100

95 84.5 66.6 99.8

174 93.0 75.4 113.2





#47

Bromodichloromethane

Concen: 50.379 ug/l

RT: 9.53 min Scan# 1278

Delta R.T. 0.02 min

Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

Instrument :

MSVOA_Y

ClientSampleId :

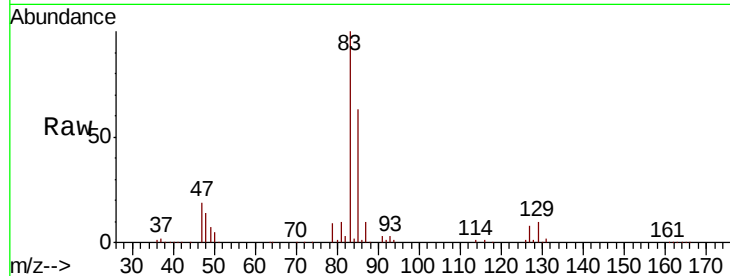
Tot Ion: 83 Resp: 139120

Ion Ratio Lower Upper

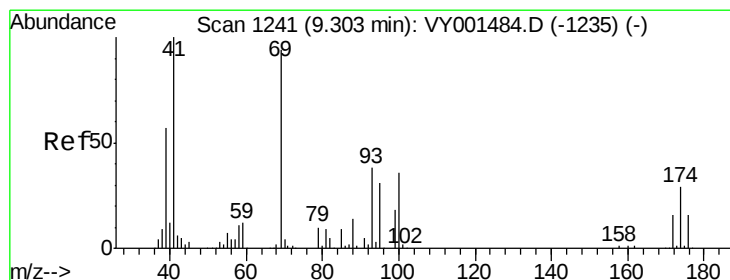
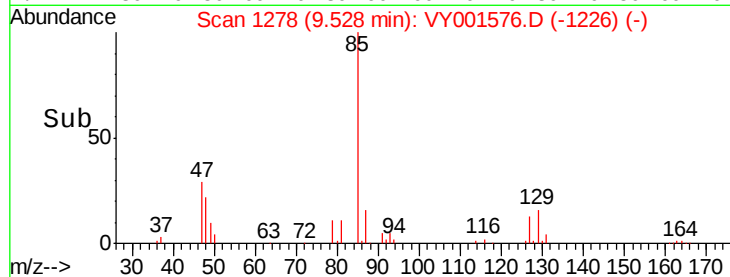
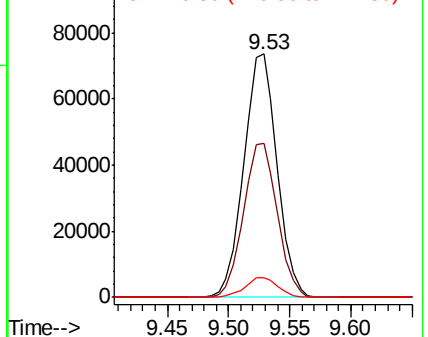
83 100

85 63.4 51.9 77.9

127 8.0 6.9 10.3



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: 61.931 ug/l

RT: 9.32 min Scan# 1244

Delta R.T. 0.02 min

Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

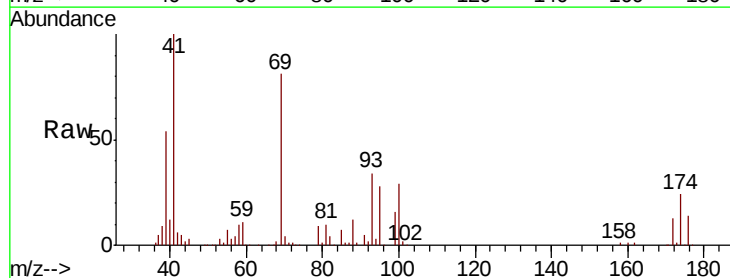
Tgt Ion: 41 Resp: 78950

Ion Ratio Lower Upper

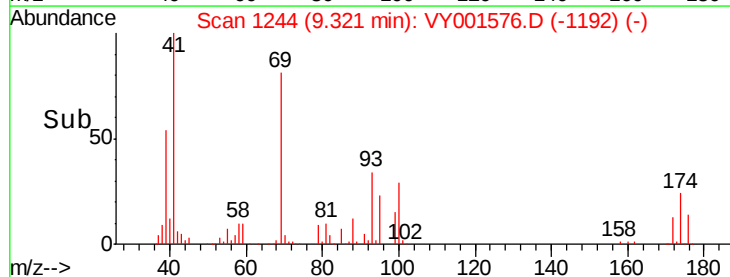
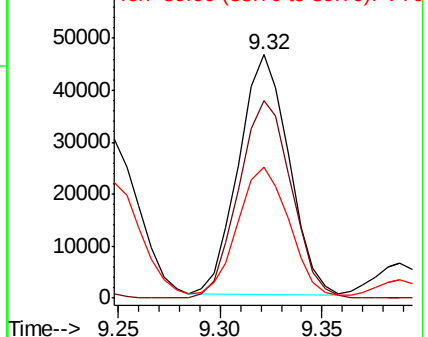
41 100

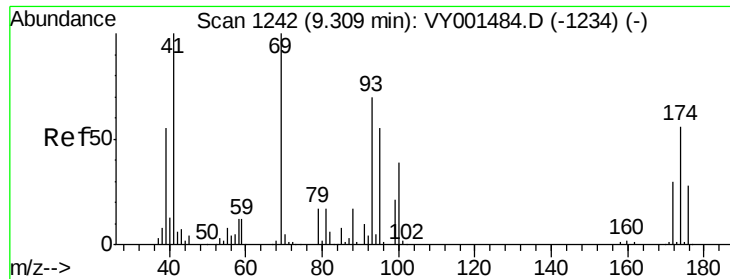
69 86.5 76.6 114.8

39 54.2 45.4 68.0



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

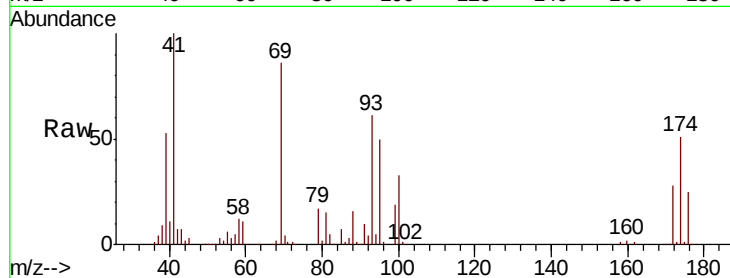




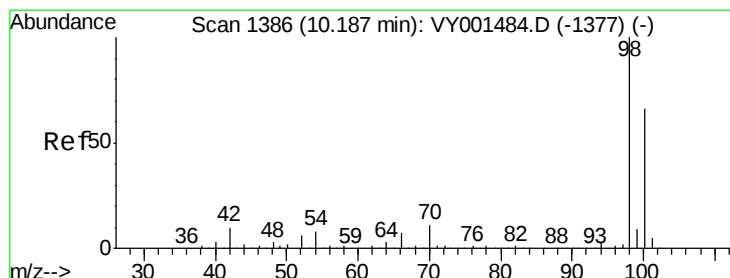
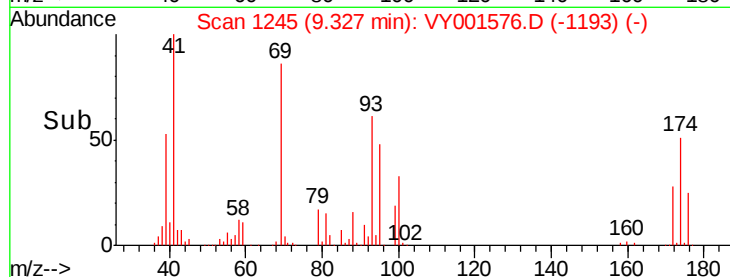
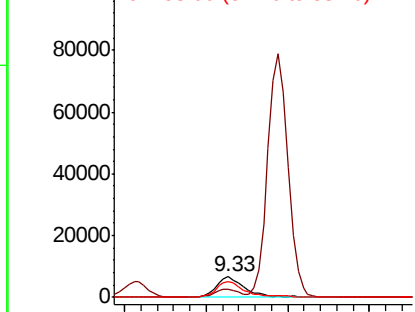
#49
1,4-Dioxane
Concen: 1084.866 ug/l
RT: 9.33 min Scan# 1245
Delta R.T. 0.02 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 88 Resp: 16238
Ion Ratio Lower Upper
88 100
43 33.3 24.8 37.2
58 78.9 59.3 88.9

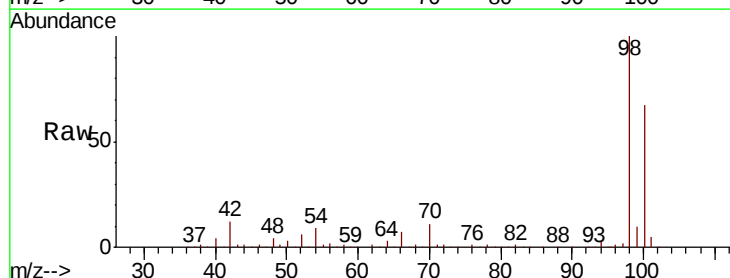


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

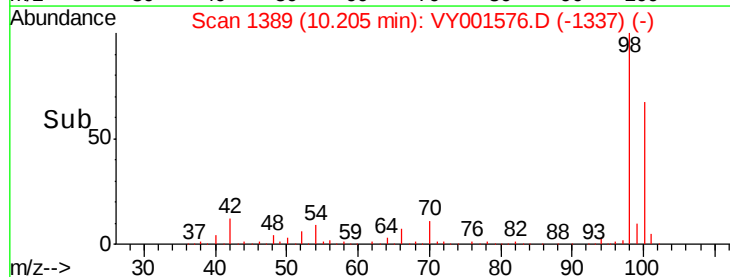
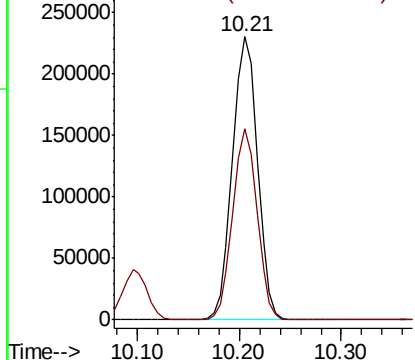


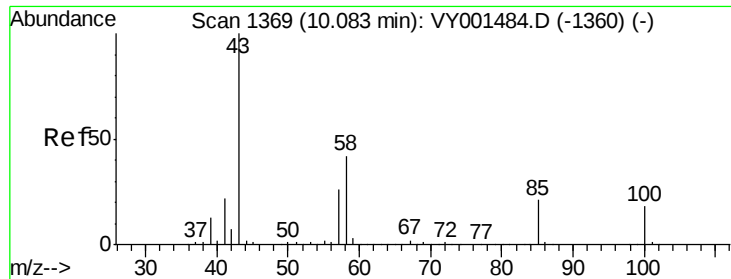
#50
Toluene-d8
Concen: 55.784 ug/l
RT: 10.21 min Scan# 1389
Delta R.T. 0.02 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Tgt Ion: 98 Resp: 389857
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.6



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: 329.681 ug/l

RT: 10.10 min Scan# 1371

Delta R.T. 0.01 min

Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

Instrument :

MSVOA_Y

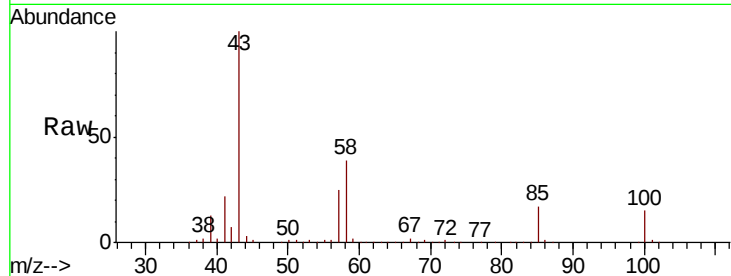
ClientSampleId :

Tot Ion: 43 Resp: 456024

Ion Ratio Lower Upper

43 100

58 39.2 33.9 50.9



Abundance Ion 43.00 (42.70 to 43.70): VY001484.D (-1360) (-)

Ion 58.00 (57.70 to 58.70): VY001484.D (-1360) (-)

10.10

250000

200000

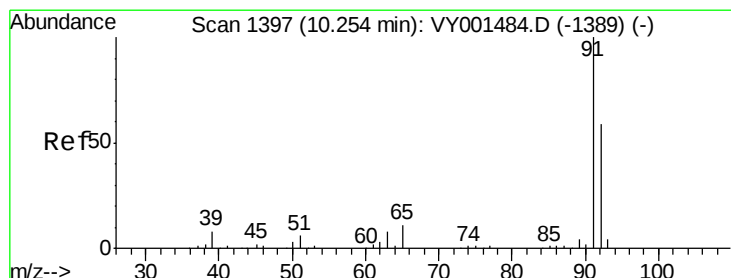
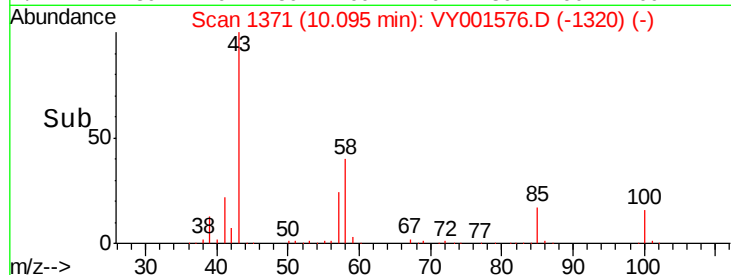
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 50.352 ug/l

RT: 10.27 min Scan# 1399

Delta R.T. 0.01 min

Lab File: VY001576.D

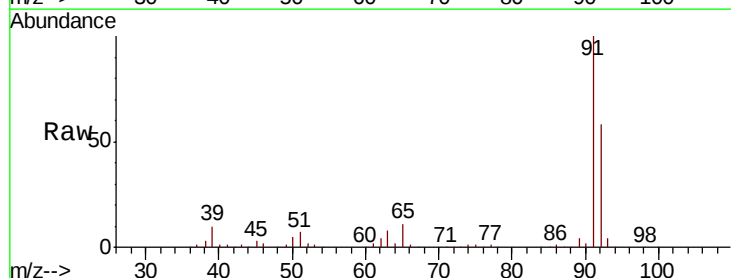
Acq: 07 Feb 2020 23:25

Tgt Ion: 92 Resp: 267044

Ion Ratio Lower Upper

92 100

91 172.9 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VY001484.D (-1389) (-)

Ion 91.00 (90.70 to 91.70): VY001484.D (-1389) (-)

10.27

250000

200000

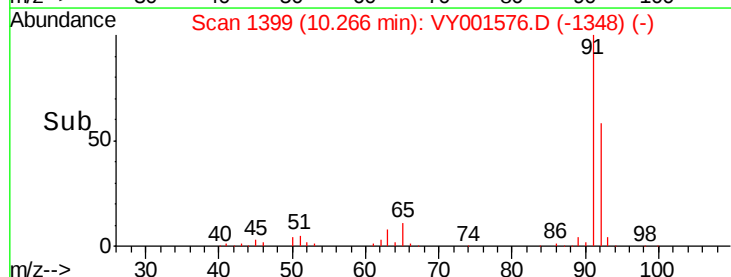
150000

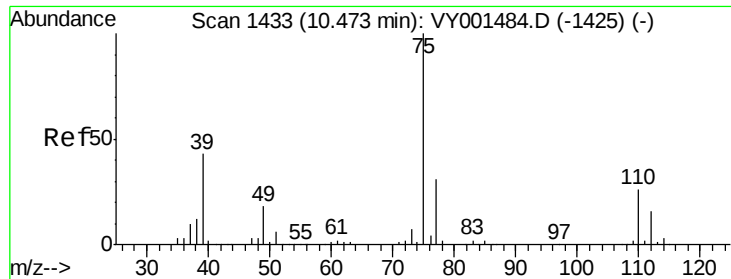
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 51.035 ug/l

RT: 10.49 min Scan# 1436

Delta R.T. 0.02 min

Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

Instrument :

MSVOA_Y

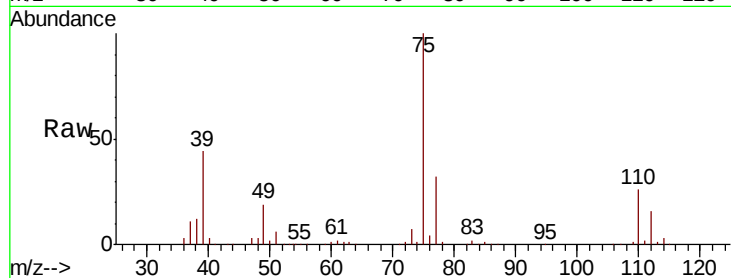
ClientSampled :

Tot Ion: 75 Resp: 153499

Ion Ratio Lower Upper

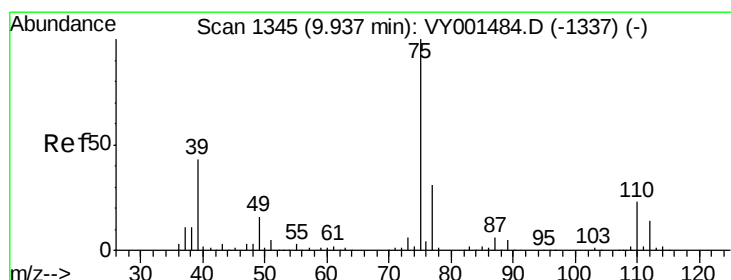
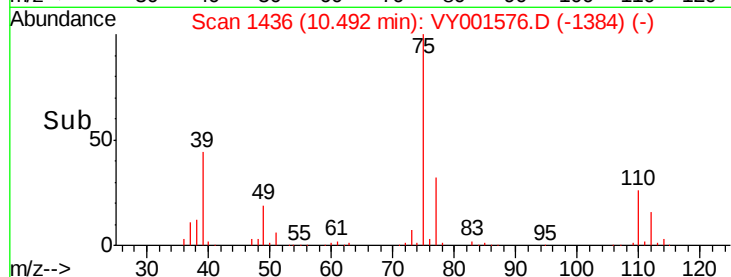
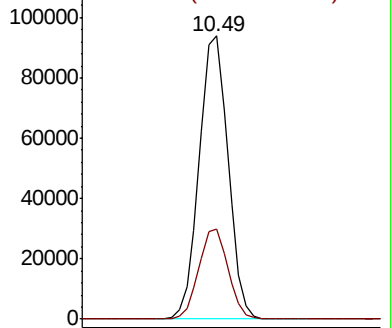
75 100

77 31.8 24.9 37.3



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: 50.444 ug/l

RT: 9.96 min Scan# 1348

Delta R.T. 0.02 min

Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

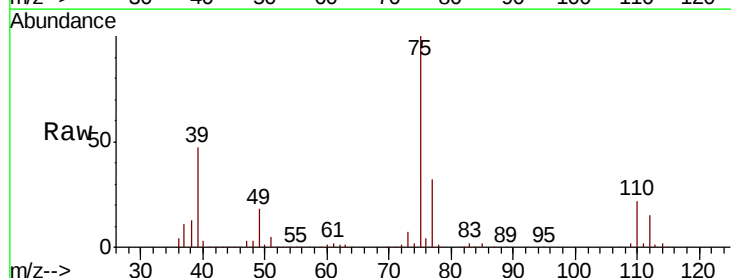
Tgt Ion: 75 Resp: 174185

Ion Ratio Lower Upper

75 100

77 31.9 24.7 37.1

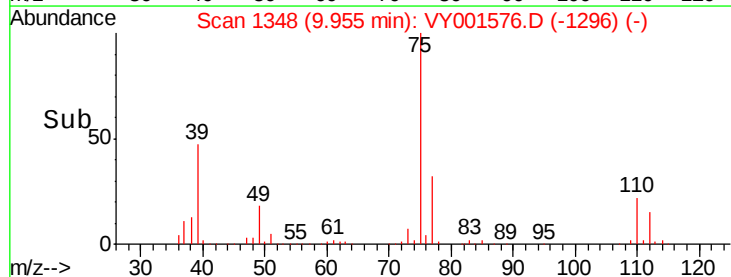
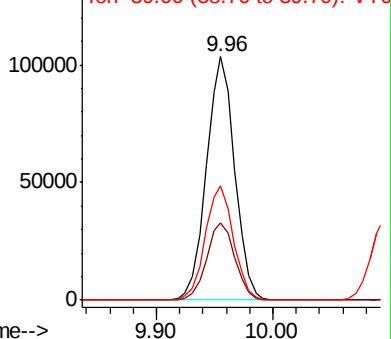
39 47.1 34.0 51.0

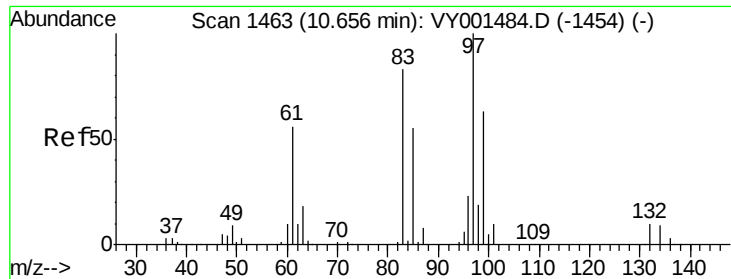


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

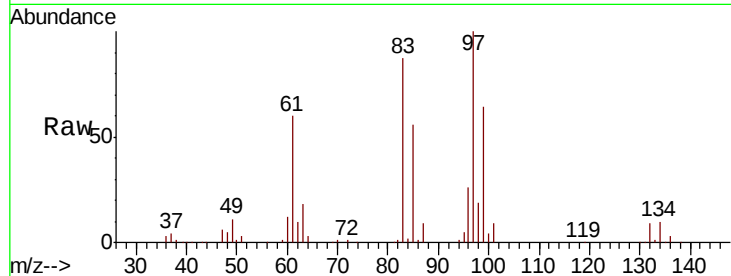




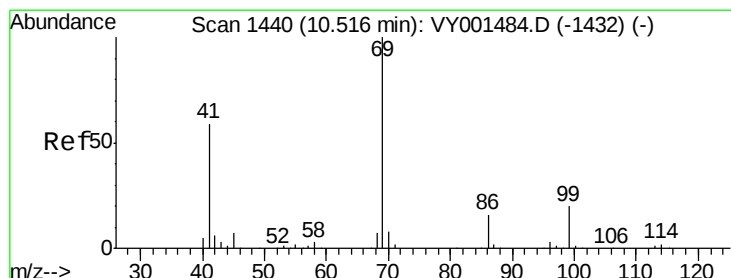
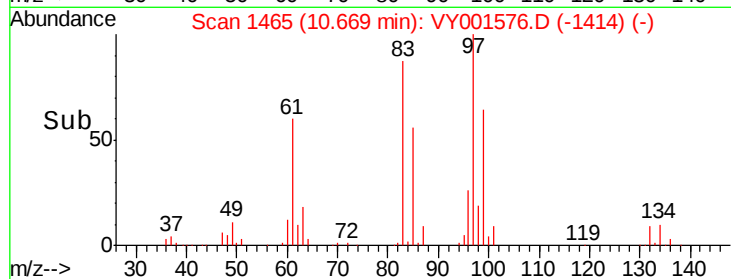
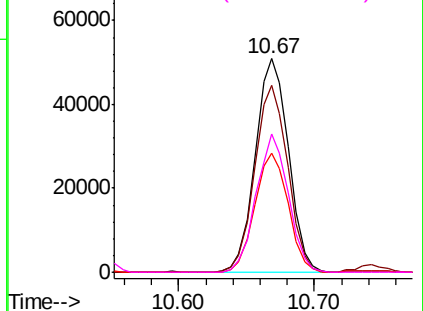
#55
 1,1,2-Trichloroethane
 Concen: 53.536 ug/l
 RT: 10.67 min Scan# 1465
 Delta R.T. 0.01 min
 Lab File: VY001576.D
 Acq: 07 Feb 2020 23:25

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:	97	Resp:	87054
Ion	Ratio	Lower	Upper
97	100		
83	87.4	66.2	99.2
85	55.8	43.8	65.6
99	64.5	50.1	75.1

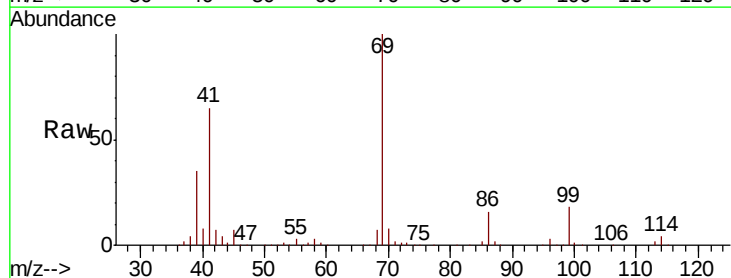


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

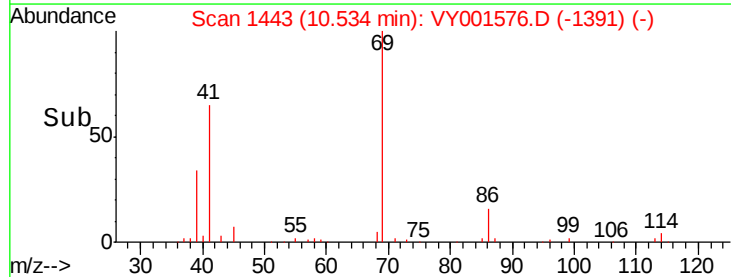
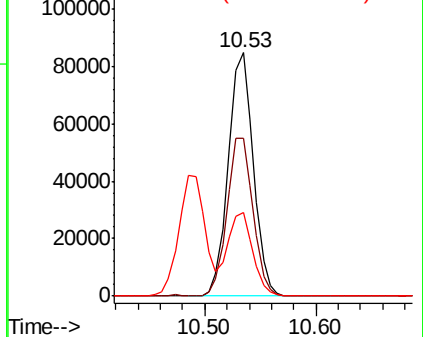


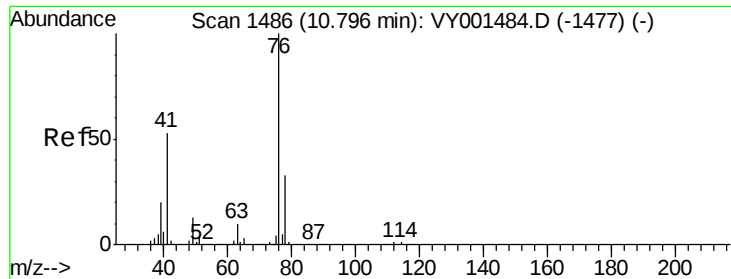
#56
 Ethyl methacrylate
 Concen: 57.019 ug/l
 RT: 10.53 min Scan# 1443
 Delta R.T. 0.02 min
 Lab File: VY001576.D
 Acq: 07 Feb 2020 23:25

Tgt Ion:	69	Resp:	131875
Ion	Ratio	Lower	Upper
69	100		
41	66.8	47.8	71.8
39	34.6	24.4	36.6



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: 53.365 ug/l

RT: 10.81 min Scan# 1489

Delta R.T. 0.02 min

Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

Instrument :

MSVOA_Y

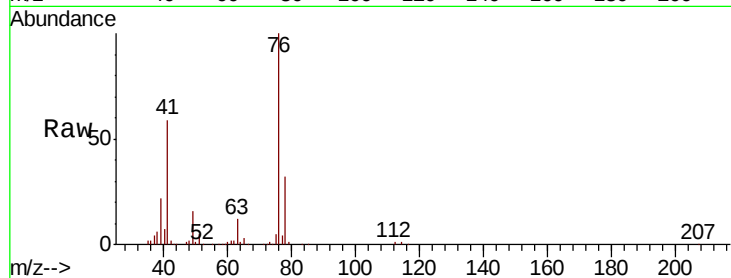
ClientSampled :

Tot Ion: 76 Resp: 152967

Ion Ratio Lower Upper

76 100

78 32.1 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VY001484.D (-1477) (-)

Ion 77.90 (77.60 to 78.60): VY001484.D (-1477) (-)

10.81

80000

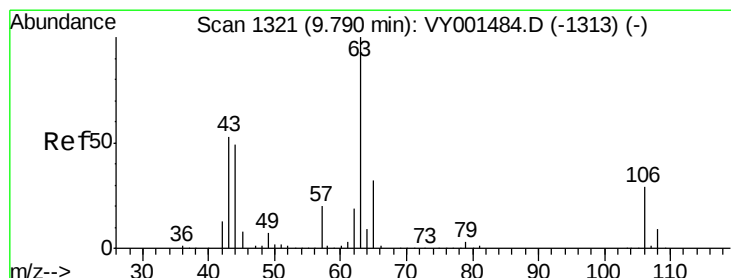
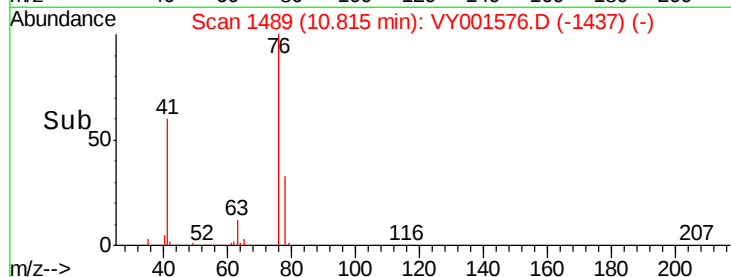
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 300.483 ug/l

RT: 9.81 min Scan# 1324

Delta R.T. 0.02 min

Lab File: VY001576.D

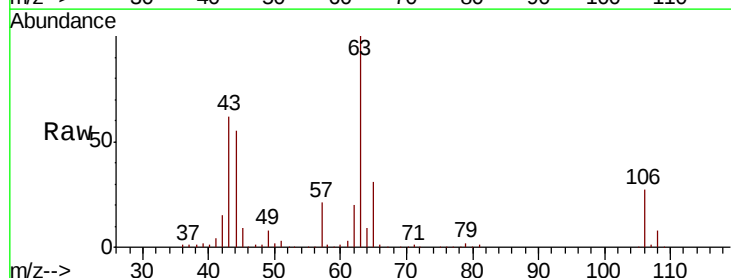
Acq: 07 Feb 2020 23:25

Tgt Ion: 63 Resp: 255662

Ion Ratio Lower Upper

63 100

106 27.0 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VY001484.D (-1313) (-)

Ion 105.90 (105.60 to 106.60): VY001484.D (-1313) (-)

9.81

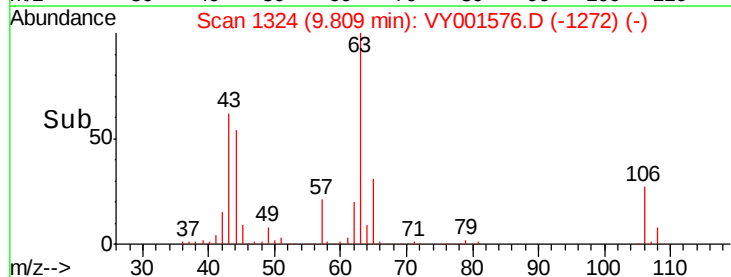
150000

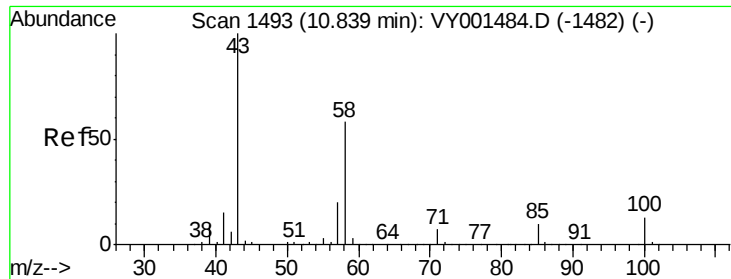
100000

50000

0

Time-->

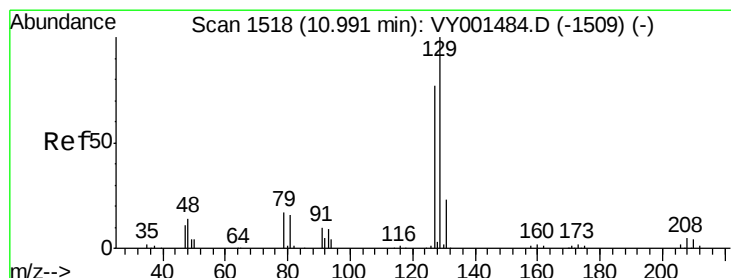
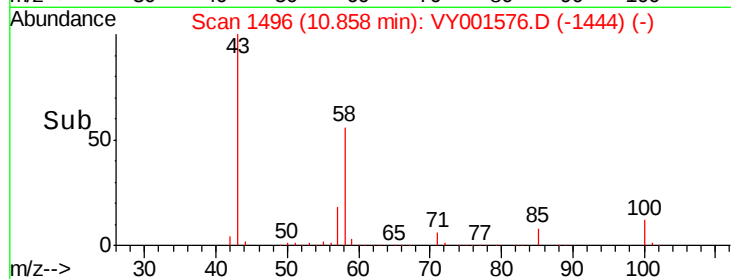
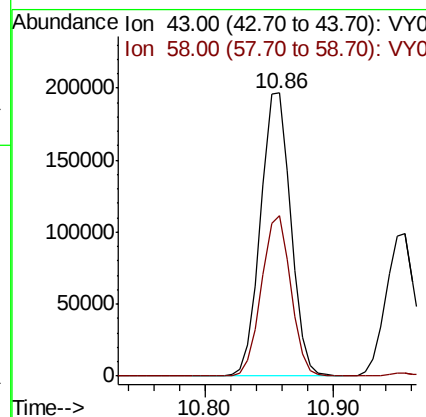
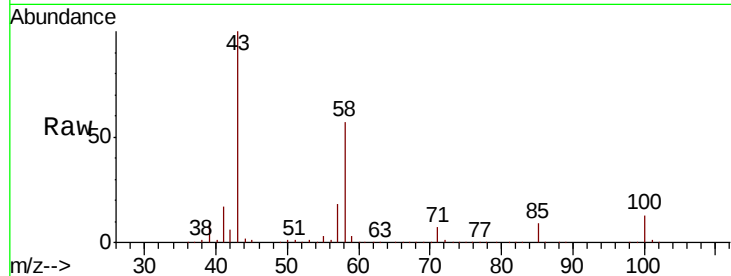




#59
2-Hexanone
Concen: 316.666 ug/l
RT: 10.86 min Scan# 1496
Delta R.T. 0.02 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

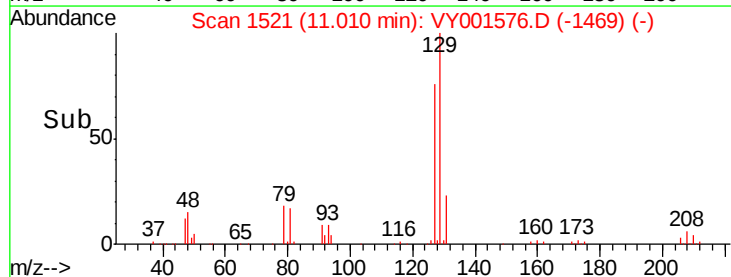
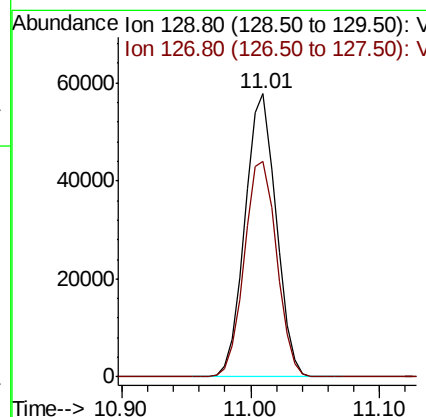
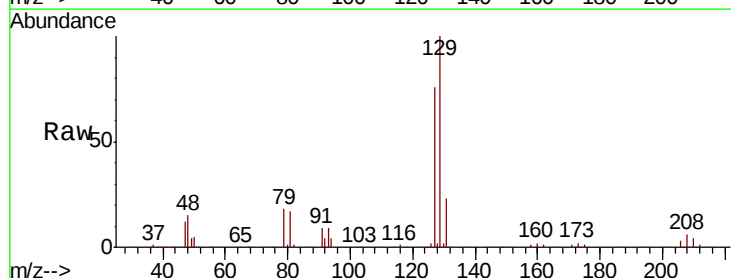
Instrument :
MSVOA_Y
ClientSampled :

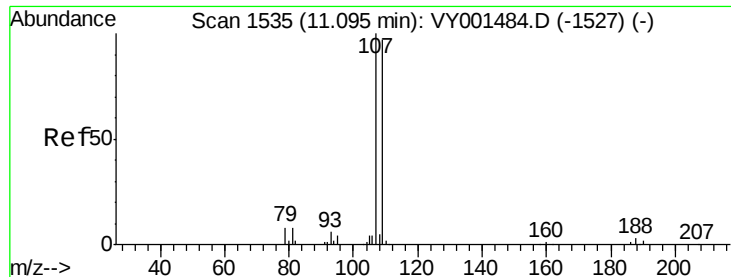
Tot Ion: 43 Resp: 318480
Ion Ratio Lower Upper
43 100
58 55.1 29.0 87.0



#60
Dibromochloromethane
Concen: 50.353 ug/l
RT: 11.01 min Scan# 1521
Delta R.T. 0.02 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Tgt Ion:129 Resp: 96514
Ion Ratio Lower Upper
129 100
127 78.9 38.9 116.6

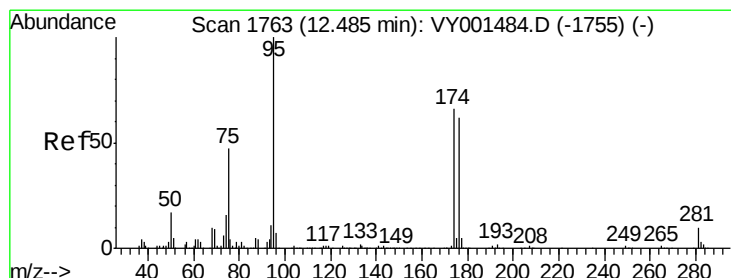
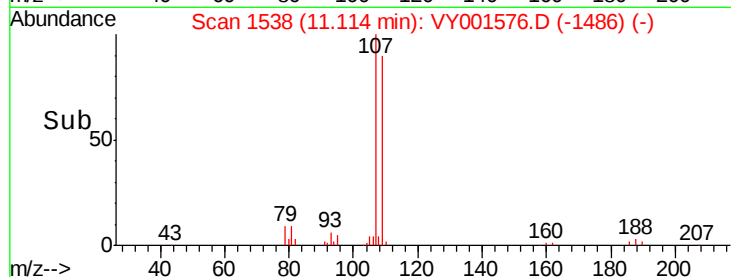
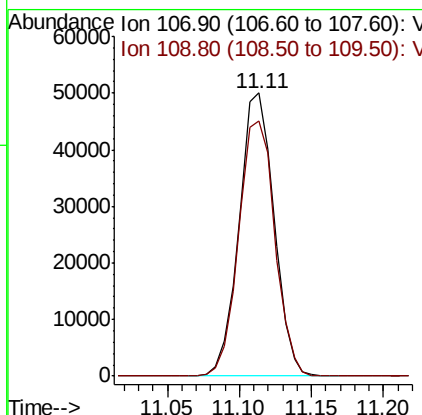
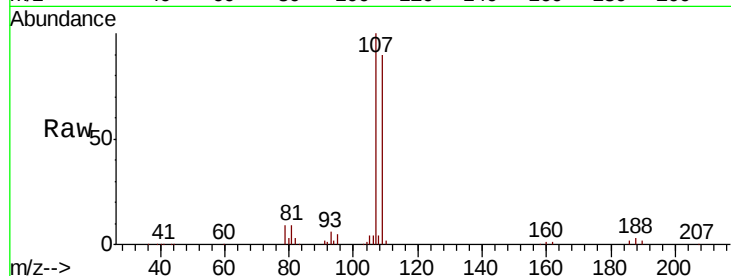




#61
 1,2-Dibromoethane
 Concen: 52.415 ug/l
 RT: 11.11 min Scan# 1538
 Delta R.T. 0.02 min
 Lab File: VY001576.D
 Acq: 07 Feb 2020 23:25

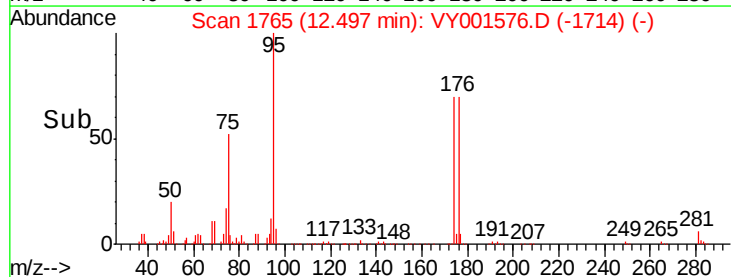
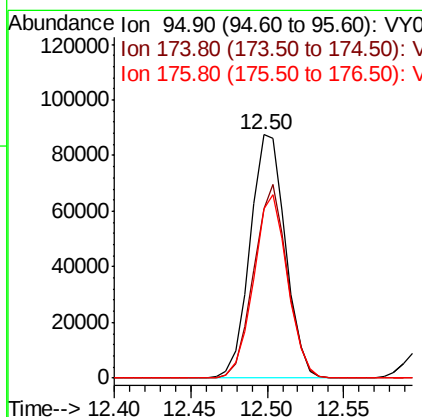
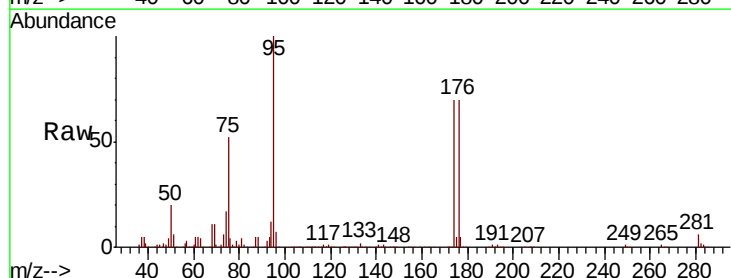
Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:107 Resp: 83948
 Ion Ratio Lower Upper
 107 100
 109 93.7 76.2 114.2



#62
 4-Bromofluorobenzene
 Concen: 50.989 ug/l
 RT: 12.50 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: VY001576.D
 Acq: 07 Feb 2020 23:25

Tgt Ion: 95 Resp: 140379
 Ion Ratio Lower Upper
 95 100
 174 75.6 0.0 141.4
 176 72.8 0.0 135.4

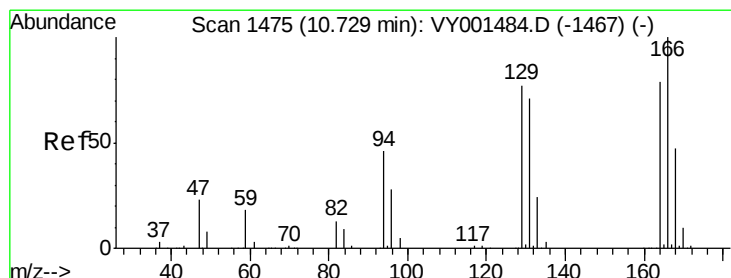
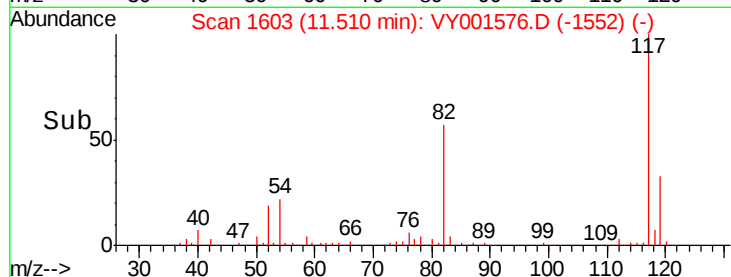
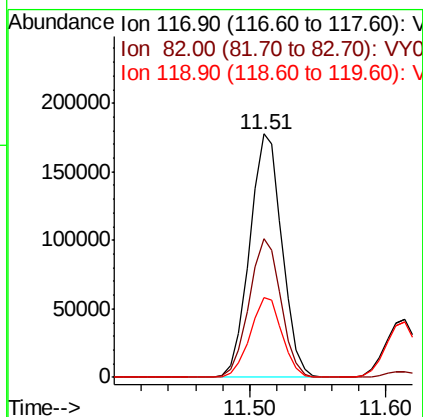
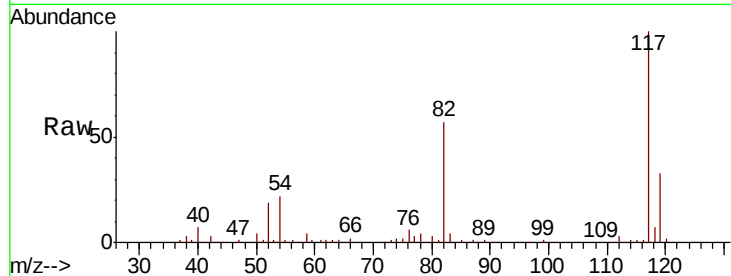




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.01 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

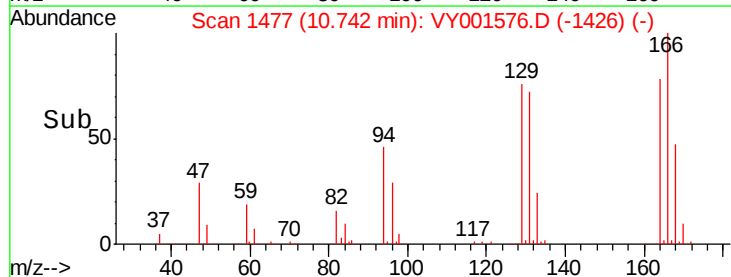
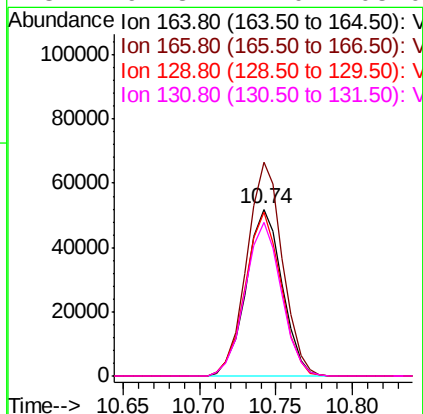
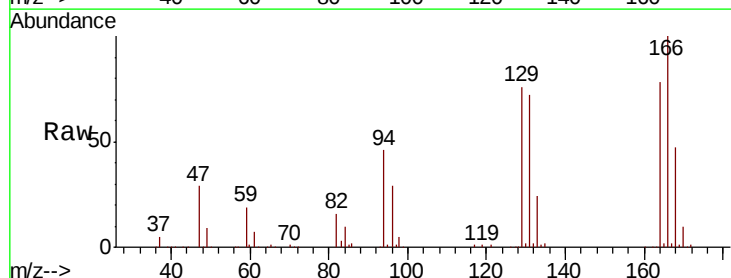
Instrument :
MSVOA_Y
ClientSampled :

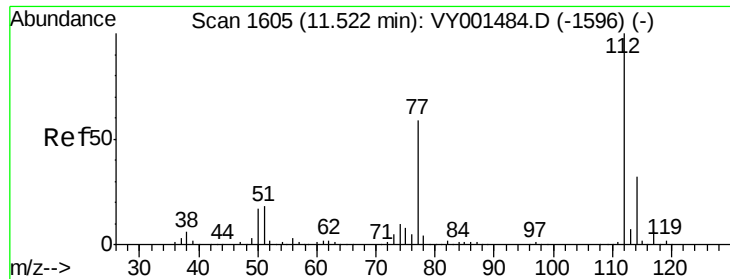
Tot Ion:117 Resp: 294652
Ion Ratio Lower Upper
117 100
82 57.0 46.1 69.1
119 32.9 26.1 39.1



#64
Tetrachloroethene
Concen: 44.004 ug/l
RT: 10.74 min Scan# 1477
Delta R.T. 0.01 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Tgt Ion:164 Resp: 85031
Ion Ratio Lower Upper
164 100
166 128.1 100.8 151.2
129 97.9 77.8 116.6
131 92.3 72.0 108.0

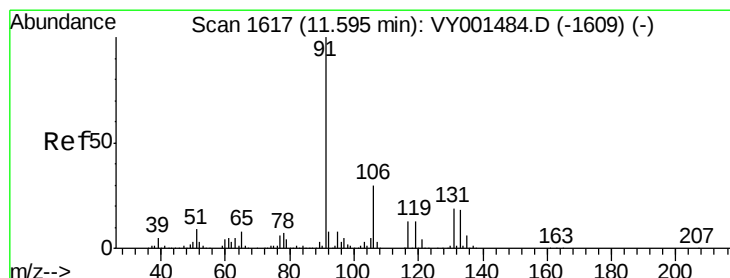
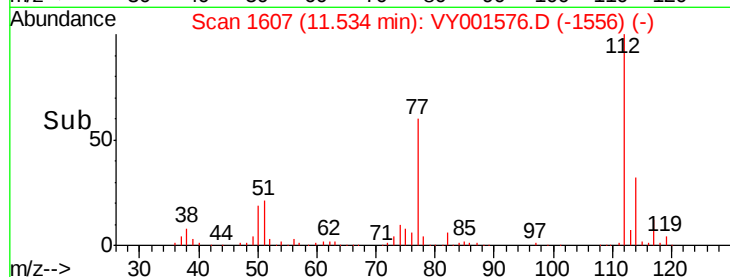
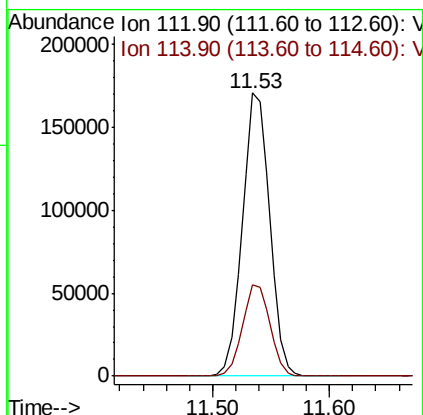
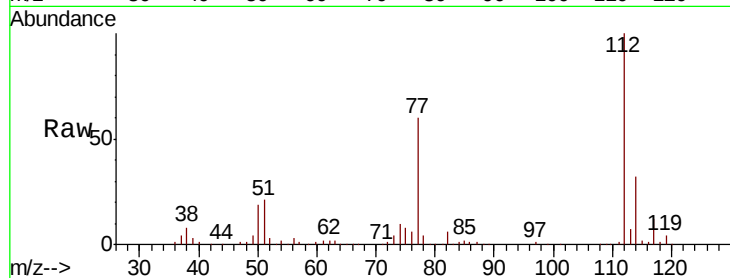




#65
Chlorobenzene
Concen: 48.263 ug/l
RT: 11.53 min Scan# 1607
Delta R.T. 0.01 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

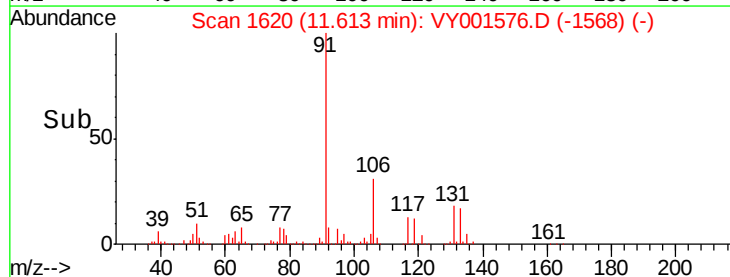
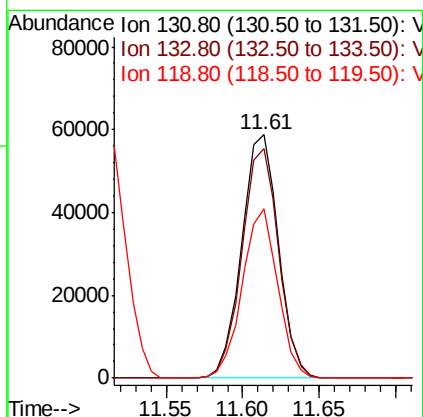
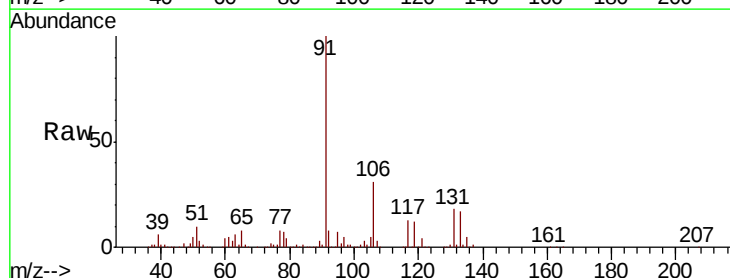
Instrument :
MSVOA_Y
ClientSampleId :

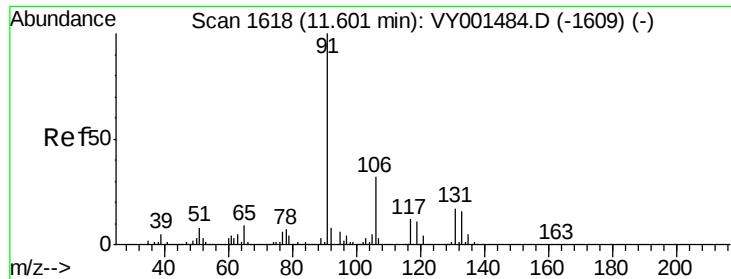
Tot Ion:112 Resp: 279224
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 48.367 ug/l
RT: 11.61 min Scan# 1620
Delta R.T. 0.02 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Tgt Ion:131 Resp: 97936
Ion Ratio Lower Upper
131 100
133 94.5 47.9 143.8
119 67.1 33.7 101.0

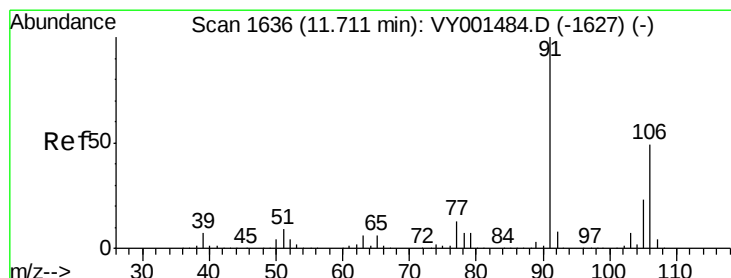
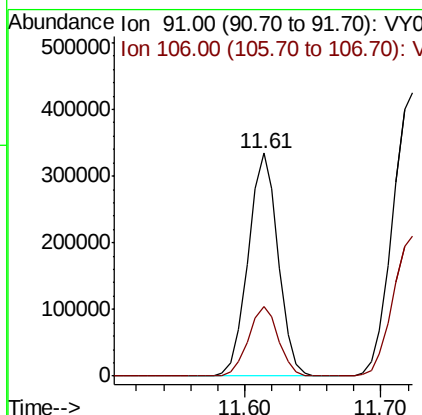
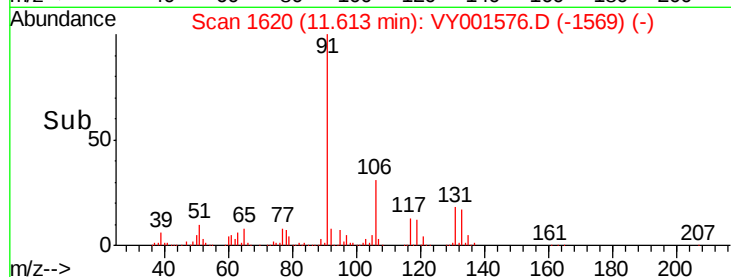
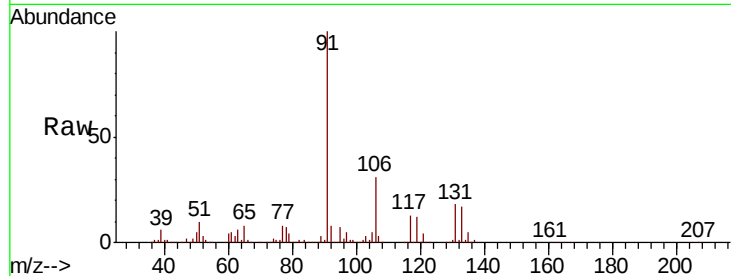




#67
Ethyl Benzene
Concen: 48.172 ug/l
RT: 11.61 min Scan# 1620
Delta R.T. 0.01 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

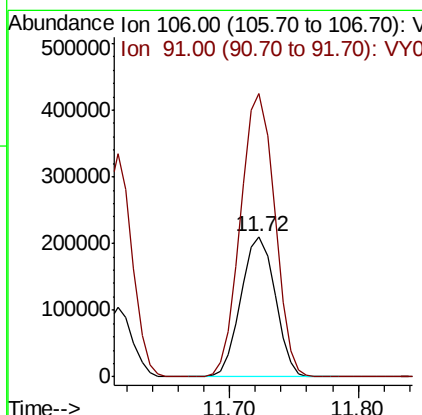
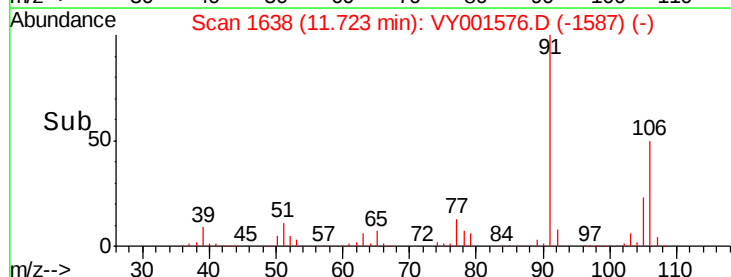
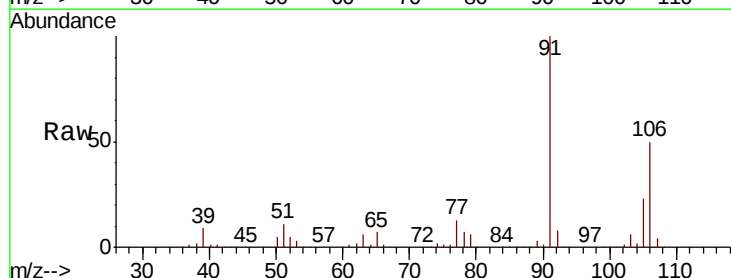
Instrument :
MSVOA_Y
ClientSampled :

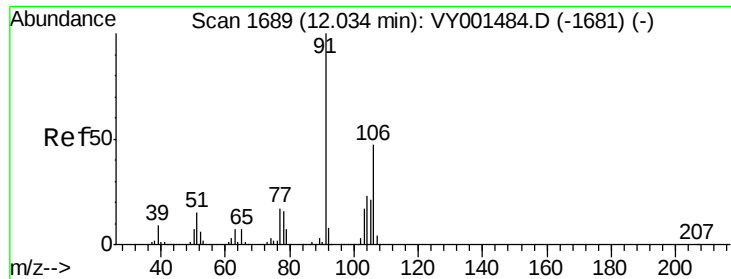
Tot Ion: 91 Resp: 515300
Ion Ratio Lower Upper
91 100
106 31.1 25.3 37.9



#68
m/p-Xylenes
Concen: 96.478 ug/l
RT: 11.72 min Scan# 1638
Delta R.T. 0.01 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Tgt Ion: 106 Resp: 387432
Ion Ratio Lower Upper
106 100
91 202.0 163.6 245.4

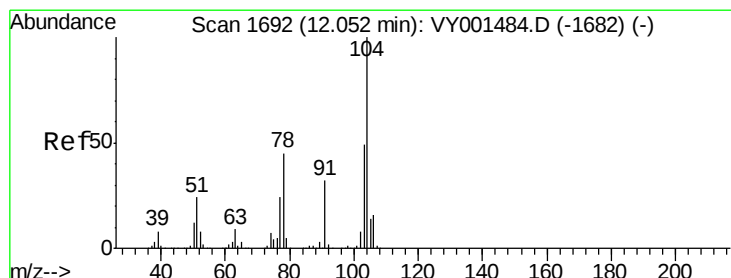
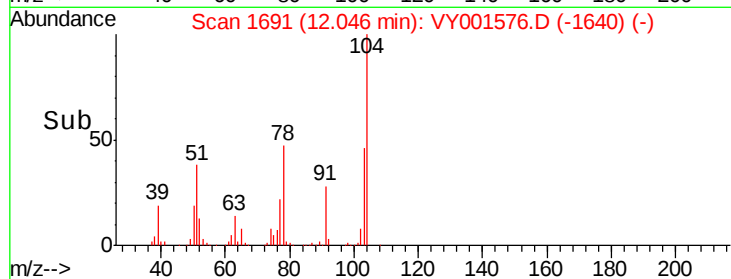
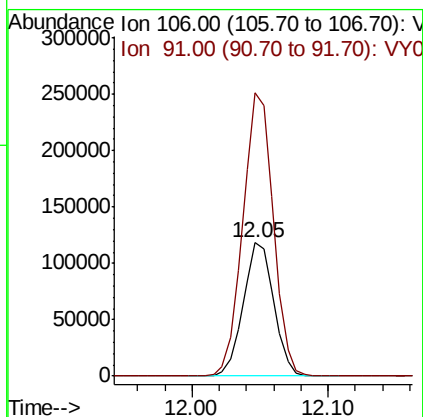
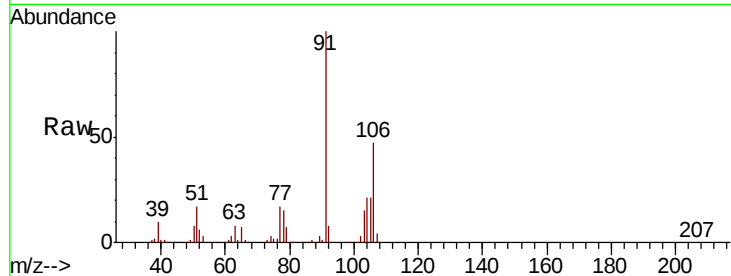




#69
o-Xylene
Concen: 49.089 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

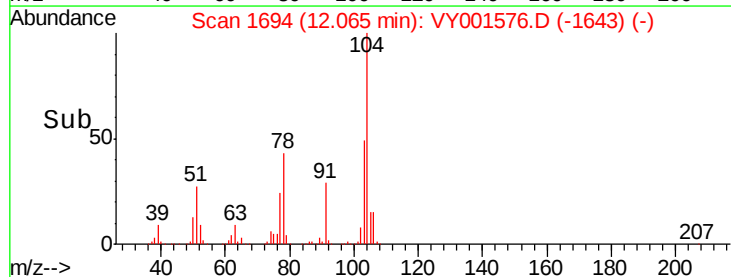
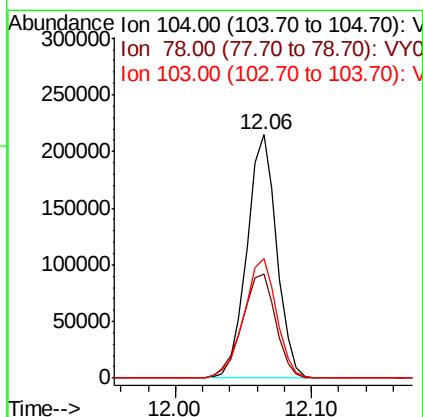
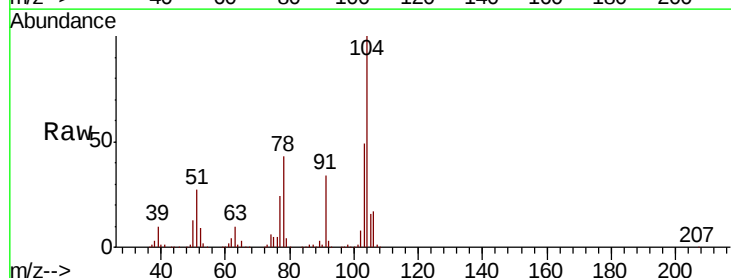
Instrument :
MSVOA_Y
ClientSampled :

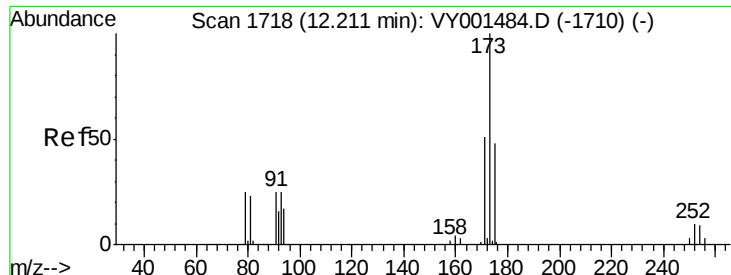
Tot Ion:106 Resp: 185866
Ion Ratio Lower Upper
106 100
91 211.5 106.0 318.0



#70
Styrene
Concen: 50.243 ug/l
RT: 12.06 min Scan# 1694
Delta R.T. 0.01 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Tgt Ion:104 Resp: 328973
Ion Ratio Lower Upper
104 100
78 48.3 40.4 60.6
103 53.5 42.8 64.2





#71

Bromoform

Concen: 52.184 ug/l

RT: 12.23 min Scan# 1721

Delta R.T. 0.02 min

Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

Instrument :

MSVOA_Y

ClientSampleId :

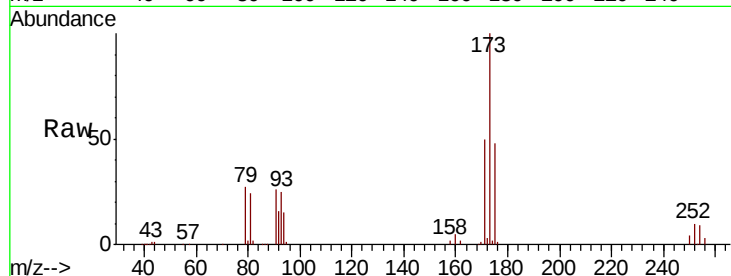
Tot Ion:173 Resp: 58837

Ion Ratio Lower Upper

173 100

175 48.2 24.0 72.0

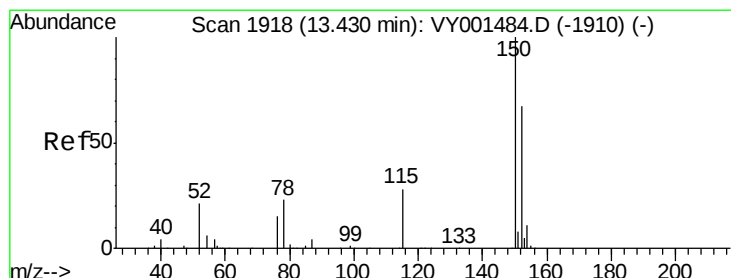
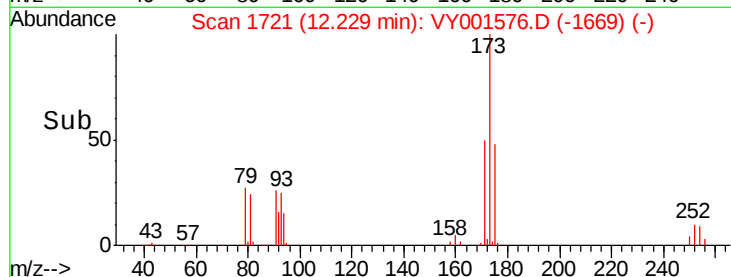
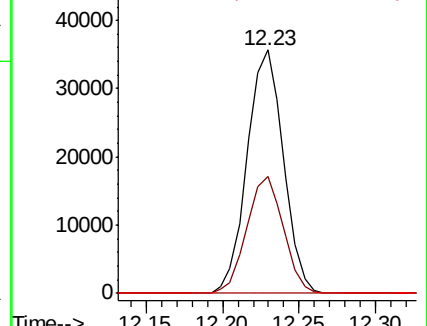
254 0.0 0.1 0.1#



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: 13.44 min Scan# 1920

Delta R.T. 0.01 min

Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

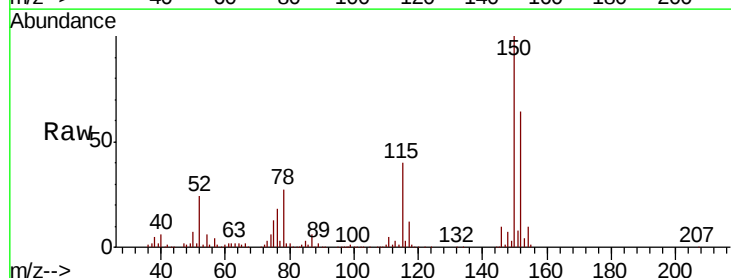
Tgt Ion:152 Resp: 141660

Ion Ratio Lower Upper

152 100

115 60.9 31.4 94.3

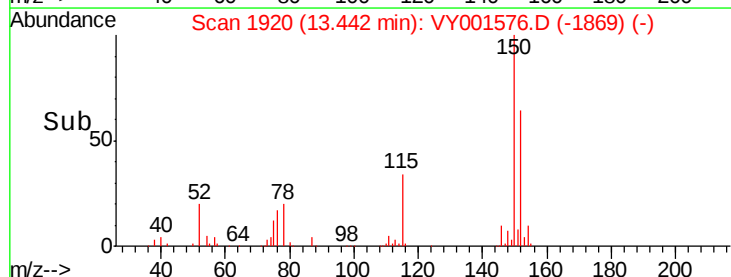
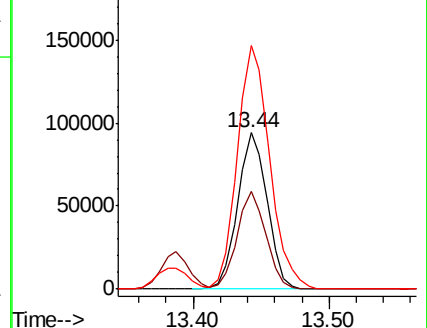
150 171.5 0.0 346.8

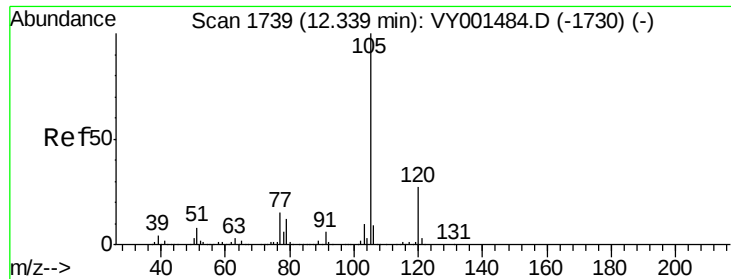


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

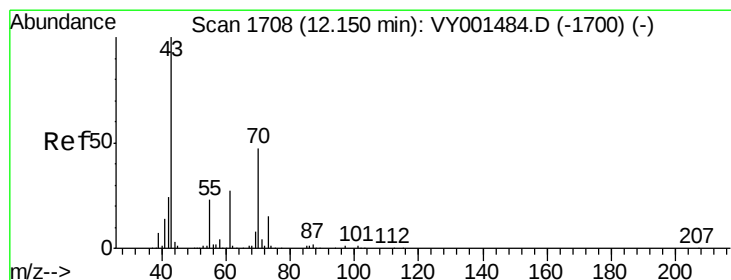
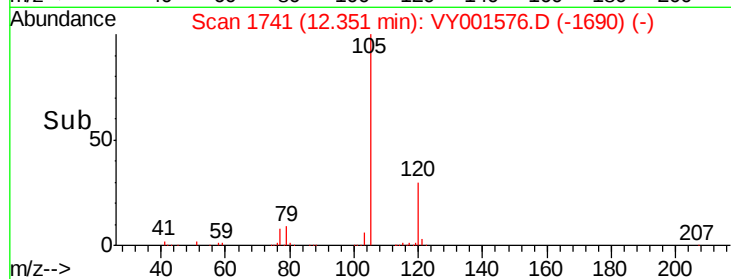
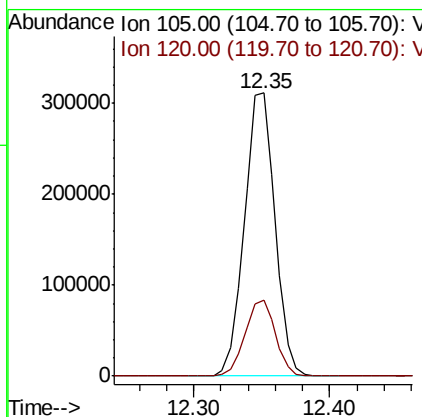
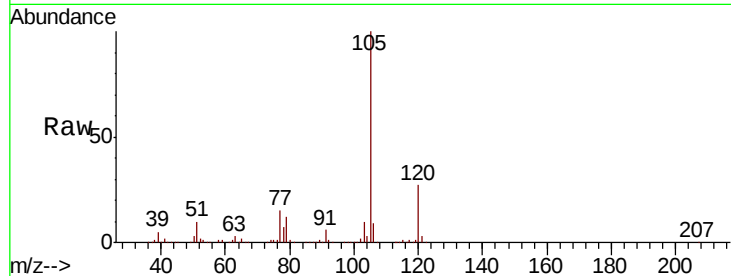




#73
Isopropylbenzene
Concen: 45.302 ug/l
RT: 12.35 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

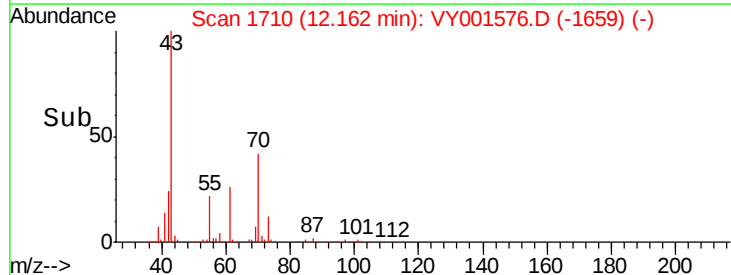
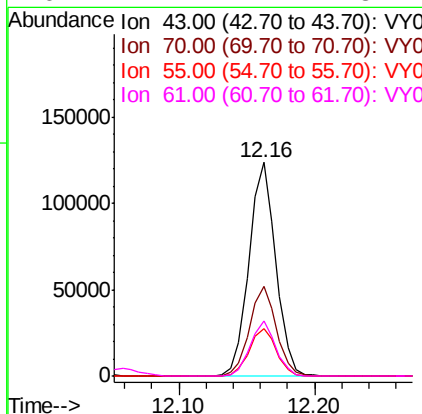
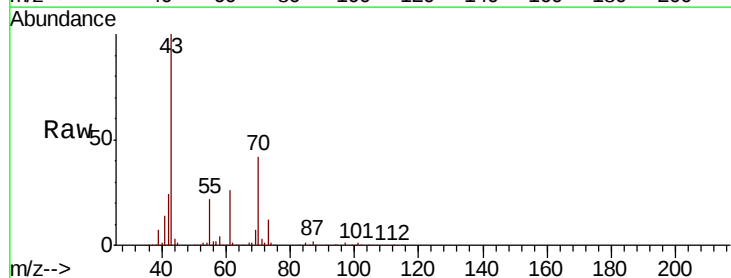
Instrument :
MSVOA_Y
ClientSampleId :

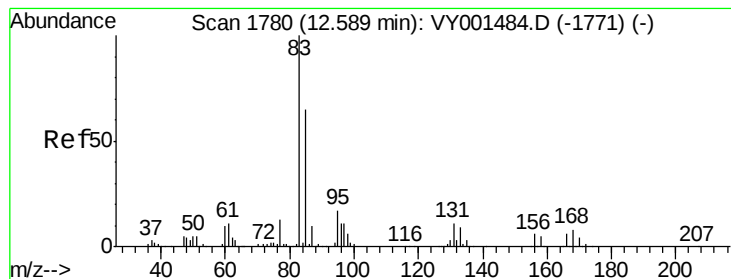
Tot Ion:105 Resp: 489446
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.9



#74
N-ethyl acetate
Concen: 60.748 ug/l
RT: 12.16 min Scan# 1710
Delta R.T. 0.01 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Tgt Ion: 43 Resp: 170549
Ion Ratio Lower Upper
43 100
70 42.0 37.2 55.8
55 22.5 18.8 28.2
61 24.7 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 53.869 ug/l

RT: 12.60 min Scan# 1782

Delta R.T. 0.01 min

Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

Instrument :

MSVOA_Y

ClientSampleId :

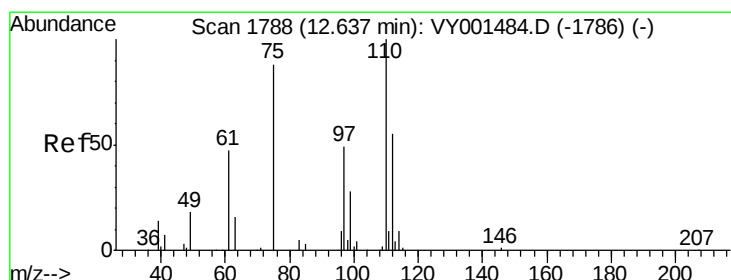
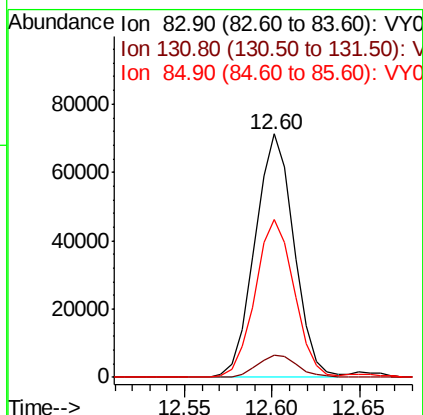
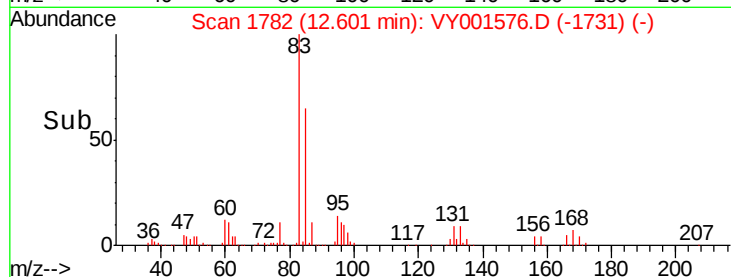
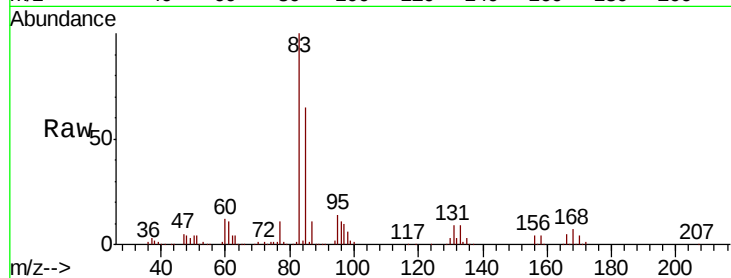
Tot Ion: 83 Resp: 110578

Ion Ratio Lower Upper

83 100

131 9.6 5.4 16.2

85 64.6 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 93.030 ug/l

RT: 12.65 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VY001576.D

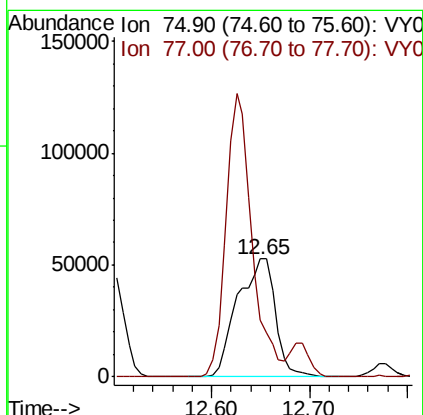
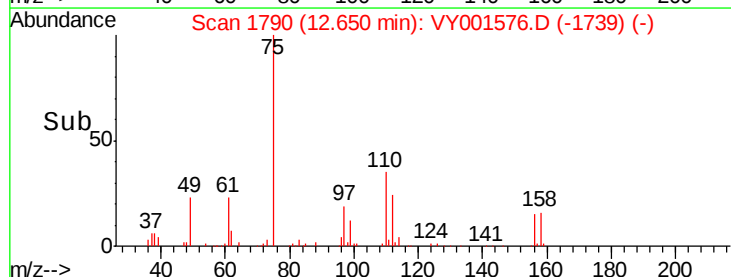
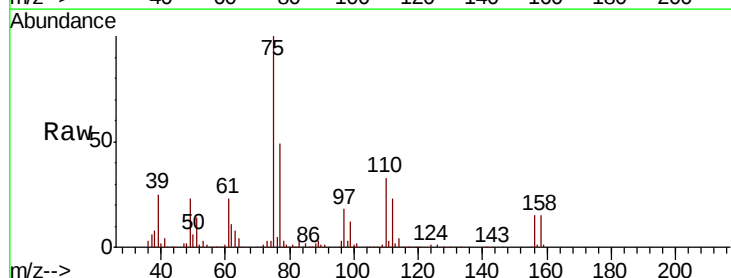
Acq: 07 Feb 2020 23:25

Tgt Ion: 75 Resp: 141724

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.362 ug/l

RT: 12.63 min Scan# 1786

Delta R.T. 0.01 min

Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

Instrument :

MSVOA_Y

ClientSampled :

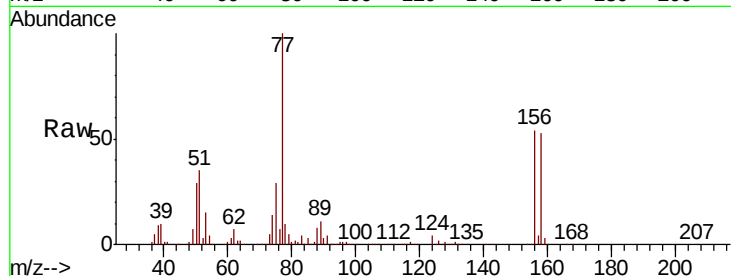
Tot Ion:156 Resp: 110739

Ion Ratio Lower Upper

156 100

77 211.6 99.8 299.3

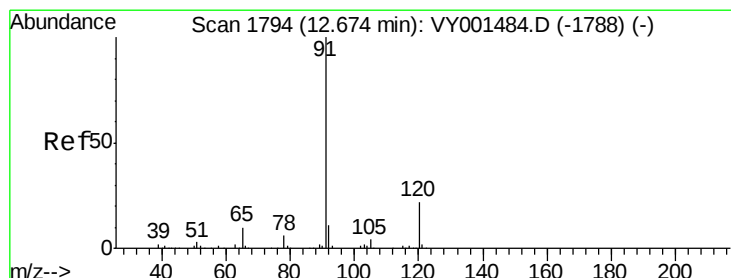
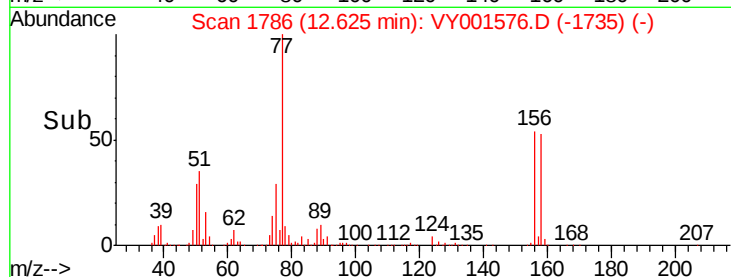
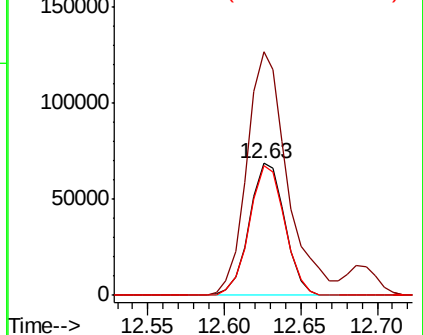
158 97.9 47.5 142.6



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: 46.453 ug/l

RT: 12.69 min Scan# 1797

Delta R.T. 0.02 min

Lab File: VY001576.D

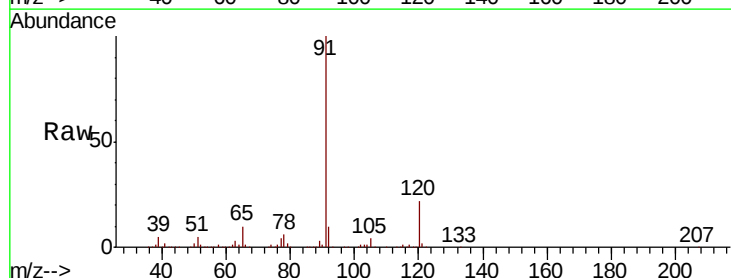
Acq: 07 Feb 2020 23:25

Tgt Ion: 91 Resp: 600845

Ion Ratio Lower Upper

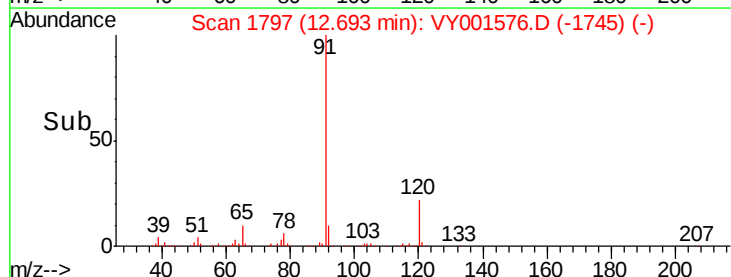
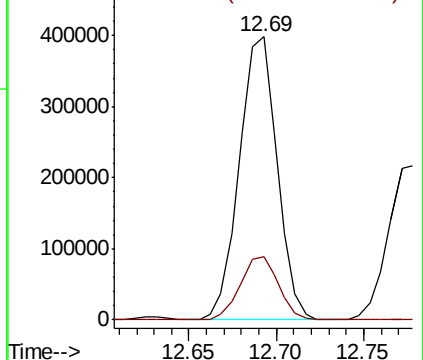
91 100

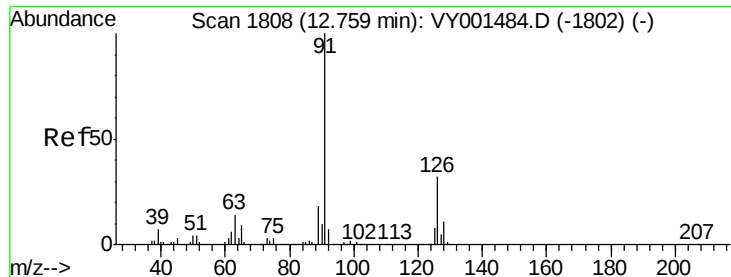
120 22.7 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.556 ug/l

RT: 12.78 min Scan# 1811

Delta R.T. 0.02 min

Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

Instrument :

MSVOA_Y

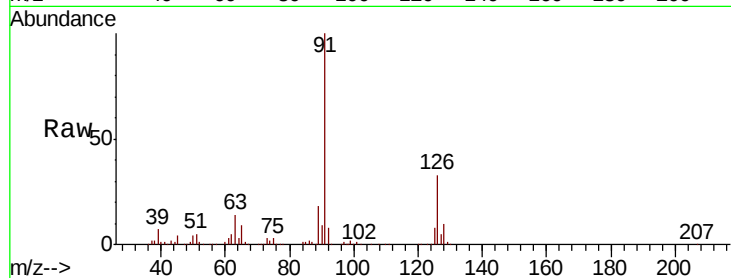
ClientSampleId :

Tot Ion: 91 Resp: 343248

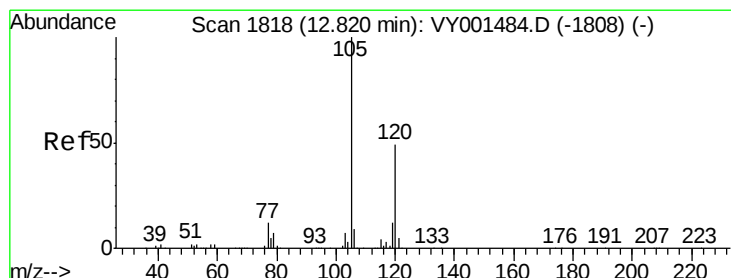
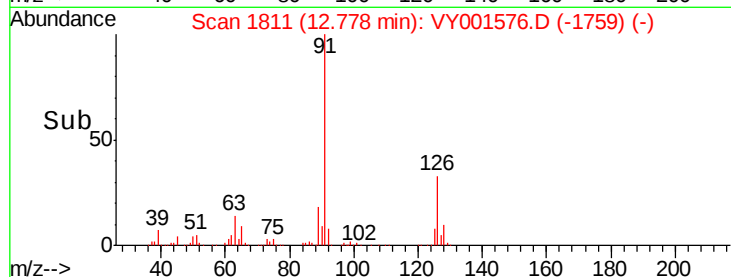
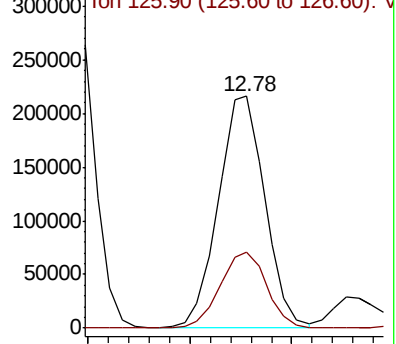
Ion Ratio Lower Upper

91 100

126 32.9 16.4 49.2



Abundance Ion 91.00 (90.70 to 91.70): VY001484.D (-1802) (-)



#80

1,3,5-Trimethylbenzene

Concen: 45.366 ug/l

RT: 12.83 min Scan# 1820

Delta R.T. 0.01 min

Lab File: VY001576.D

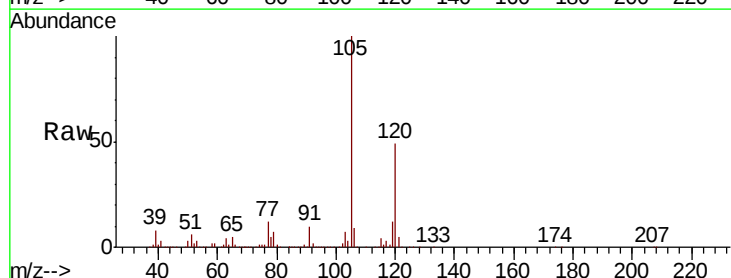
Acq: 07 Feb 2020 23:25

Tgt Ion: 105 Resp: 412782

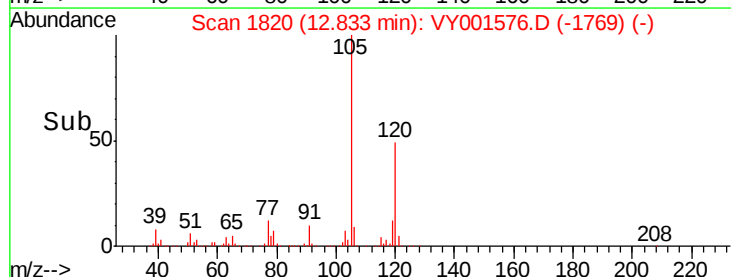
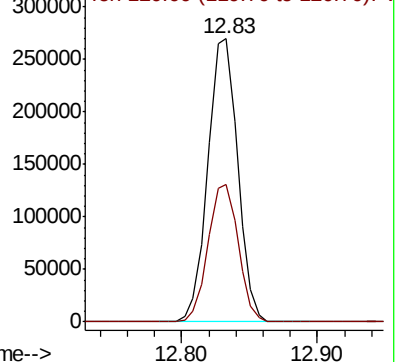
Ion Ratio Lower Upper

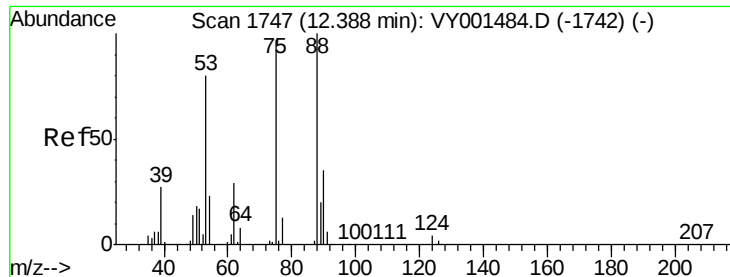
105 100

120 49.2 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VY001484.D (-1808) (-)

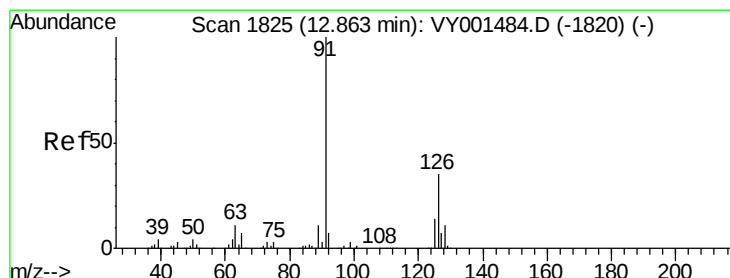
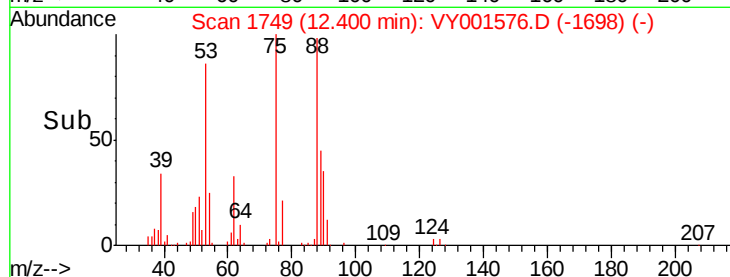
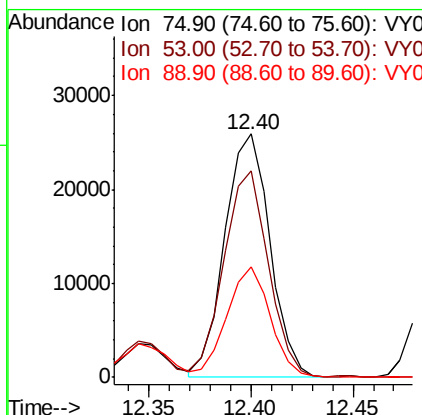
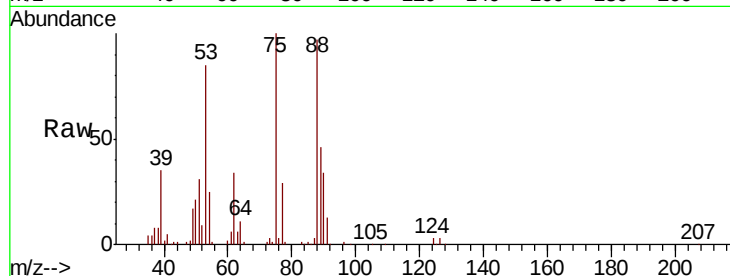




#81
trans-1,4-Dichloro-2-butene
Concen: 50.643 ug/l
RT: 12.40 min Scan# 1749
Delta R.T. 0.01 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

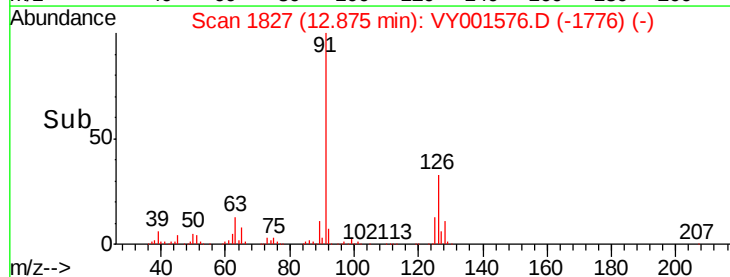
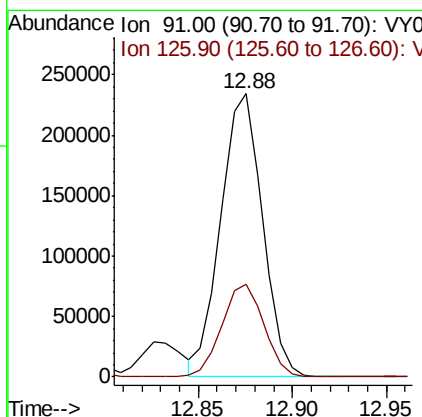
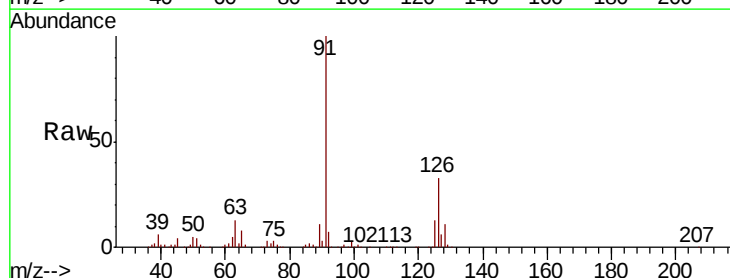
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 75 Resp: 39872
Ion Ratio Lower Upper
75 100
53 84.0 67.7 101.5
89 43.8 34.6 52.0



#82
4-Chlorotoluene
Concen: 46.565 ug/l
RT: 12.88 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Tgt Ion: 91 Resp: 359949
Ion Ratio Lower Upper
91 100
126 33.0 16.5 49.5

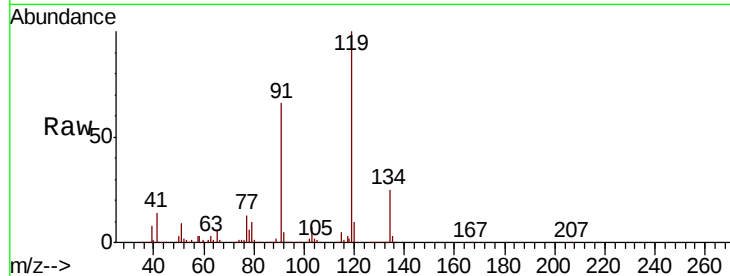




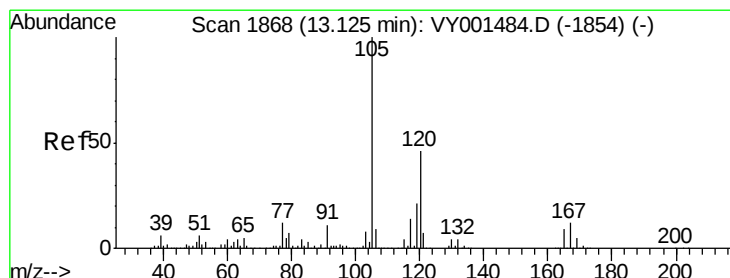
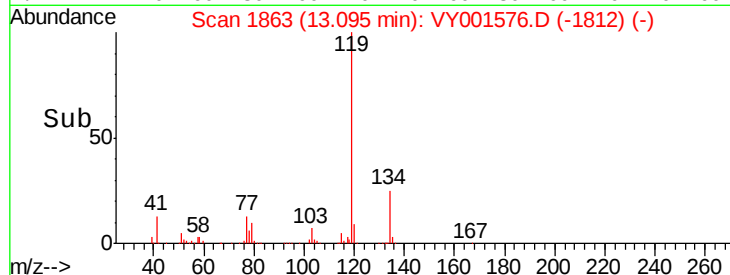
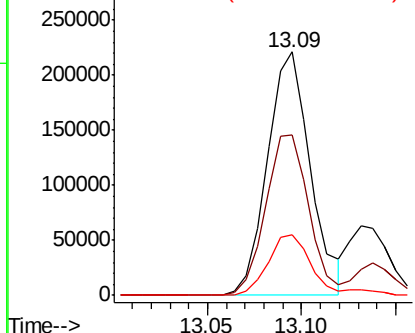
#83
tert-Butylbenzene
Concen: 45.495 ug/l
RT: 13.09 min Scan# 1863
Delta R.T. 0.01 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:119 Resp: 349906
Ion Ratio Lower Upper
119 100
91 66.0 33.1 99.3
134 26.3 13.0 39.0

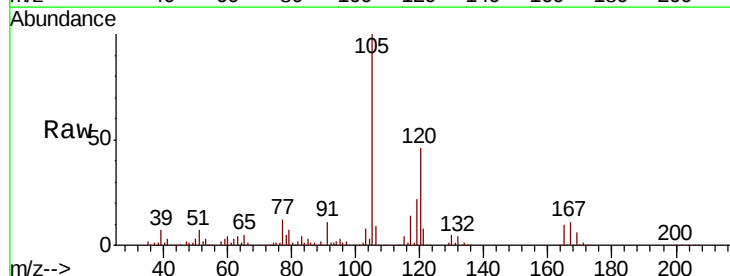


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VY0
Ion 134.00 (133.70 to 134.70): V

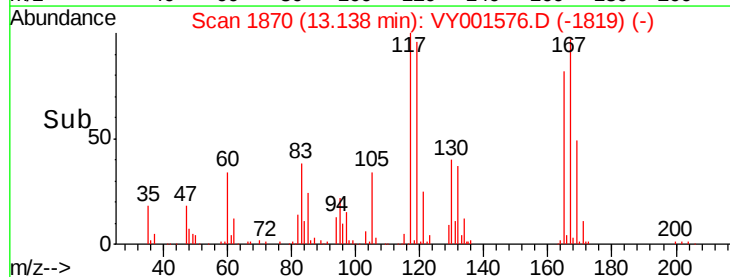
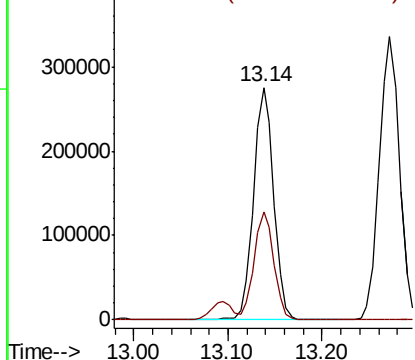


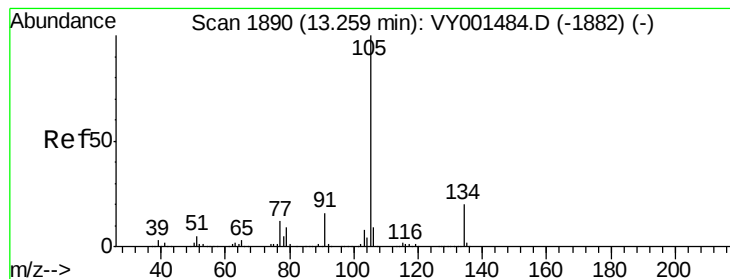
#84
1,2,4-Trimethylbenzene
Concen: 46.104 ug/l
RT: 13.14 min Scan# 1870
Delta R.T. 0.01 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Tgt Ion:105 Resp: 415196
Ion Ratio Lower Upper
105 100
120 45.4 22.4 67.0



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





#85

sec-Butylbenzene

Concen: 46.139 ug/l

RT: 13.27 min Scan# 1892

Delta R.T. 0.01 min

Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

Instrument :

MSVOA_Y

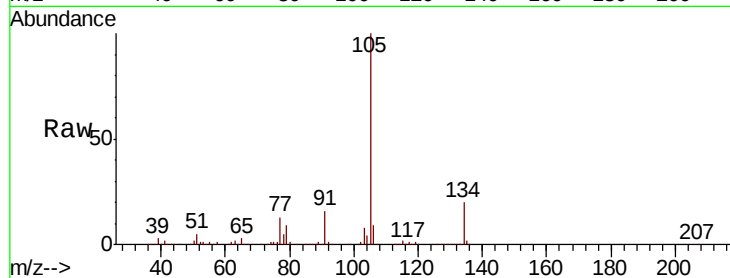
ClientSampleId :

Tot Ion:105 Resp: 498924

Ion Ratio Lower Upper

105 100

134 19.8 10.0 29.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.27

300000

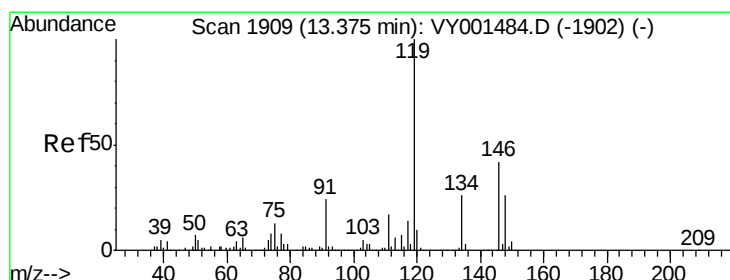
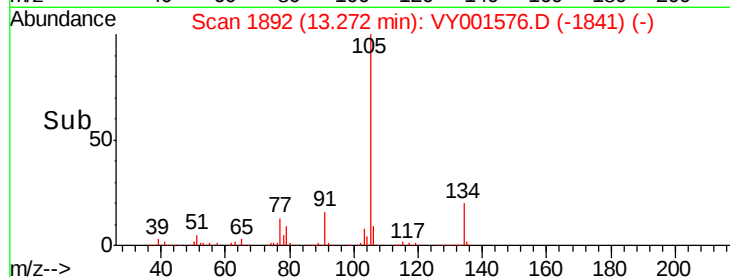
200000

100000

0

Time-->

13.20 13.25 13.30 13.35



#86

p-Isopropyltoluene

Concen: 46.050 ug/l

RT: 13.39 min Scan# 1911

Delta R.T. 0.01 min

Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

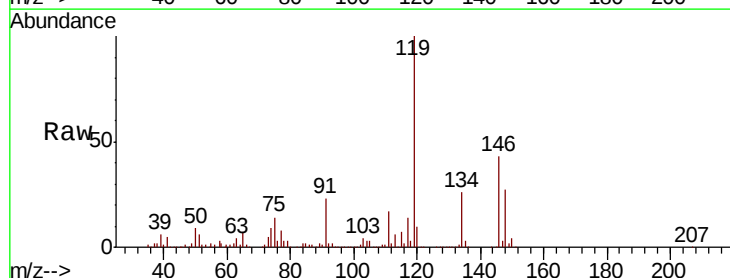
Tgt Ion:119 Resp: 438813

Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

91 23.7 12.2 36.6



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

13.39

300000

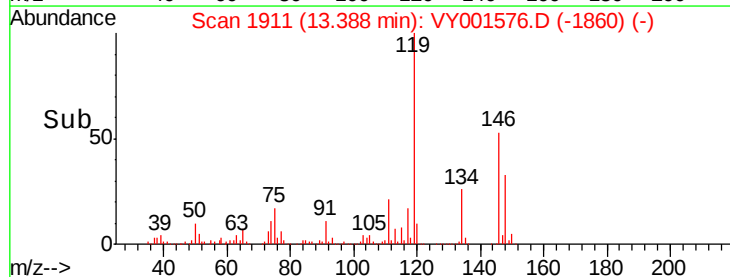
200000

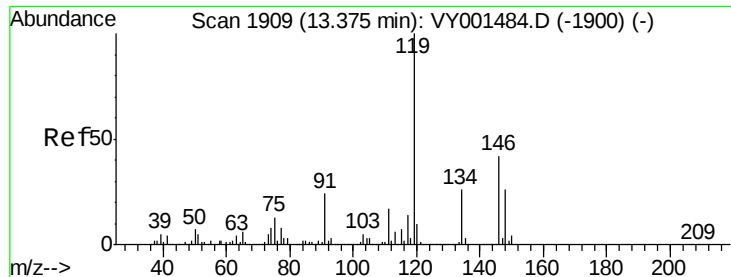
100000

0

Time-->

13.30 13.35 13.40 13.45

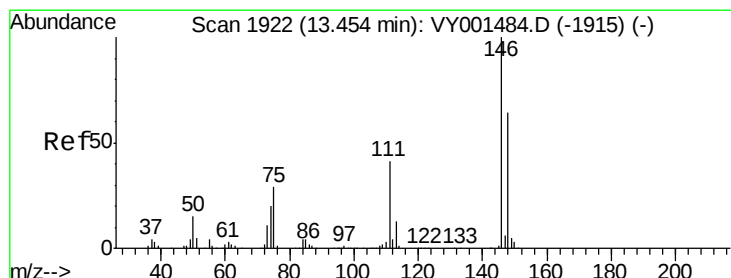
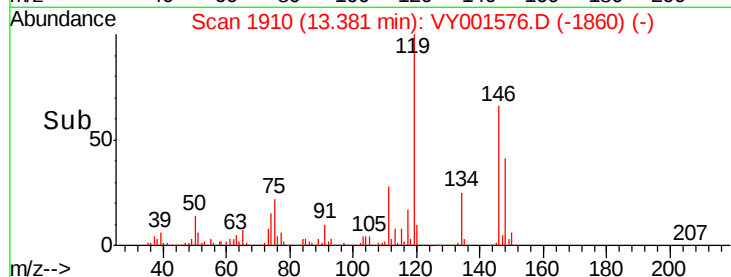
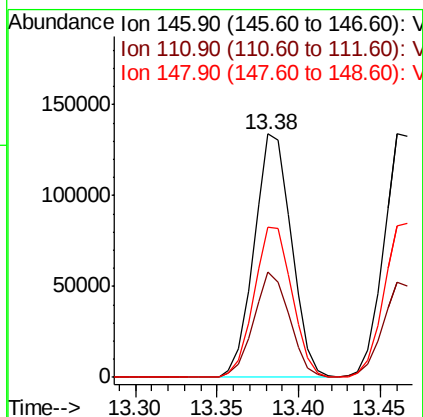
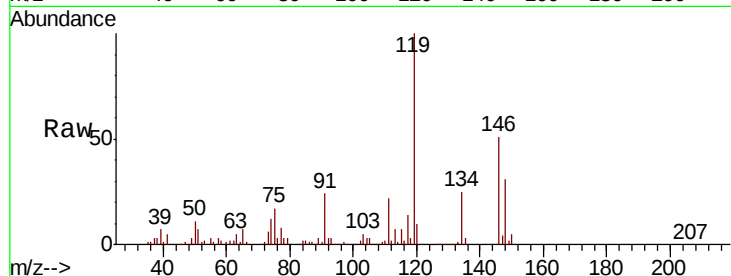




#87
 1,3-Dichlorobenzene
 Concen: 47.590 ug/l
 RT: 13.38 min Scan# 1910
 Delta R.T. 0.01 min
 Lab File: VY001576.D
 Acq: 07 Feb 2020 23:25

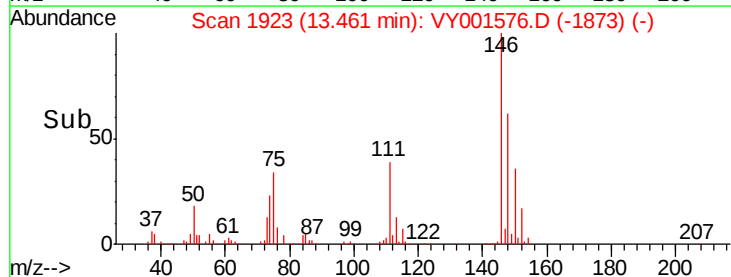
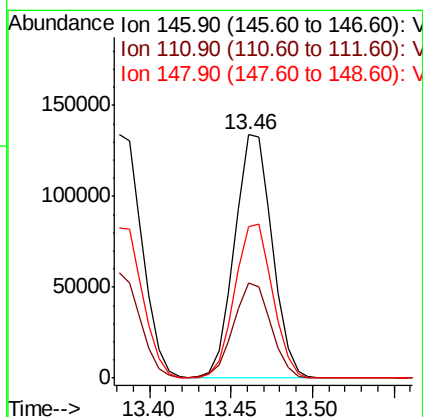
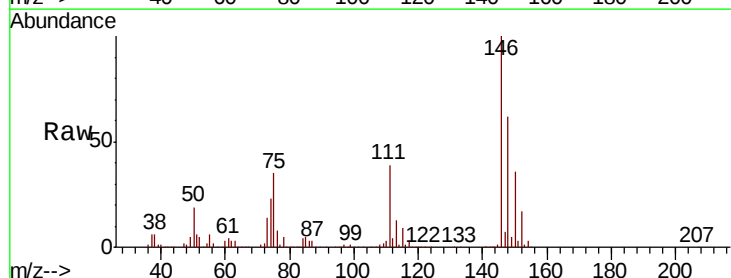
Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	21.3	63.9
148	62.7	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 47.917 ug/l
 RT: 13.46 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VY001576.D
 Acq: 07 Feb 2020 23:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	20.7	62.1
148	63.7	32.1	96.5

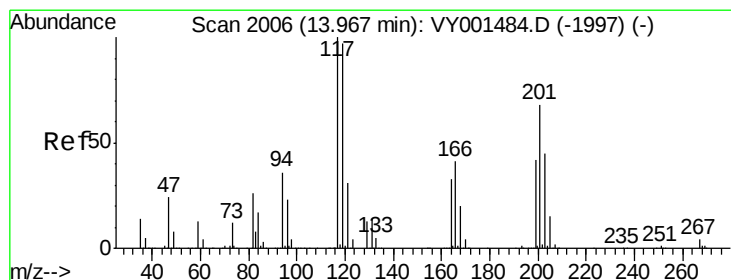
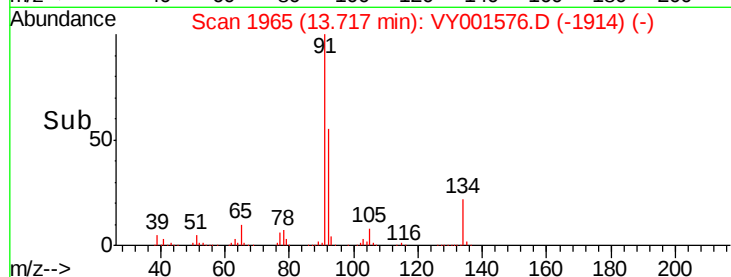
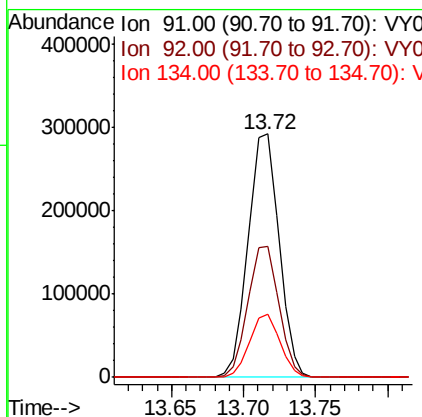
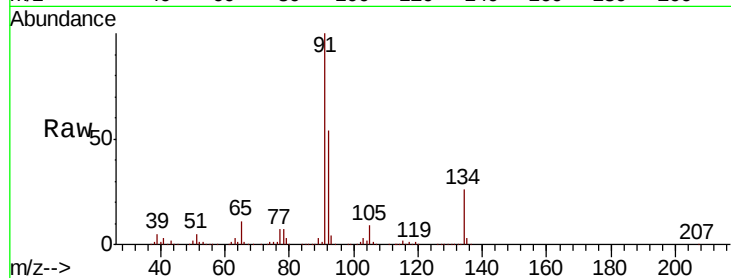




#89
n-Butylbenzene
Concen: 46.165 ug/l
RT: 13.72 min Scan# 1965
Delta R.T. 0.01 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

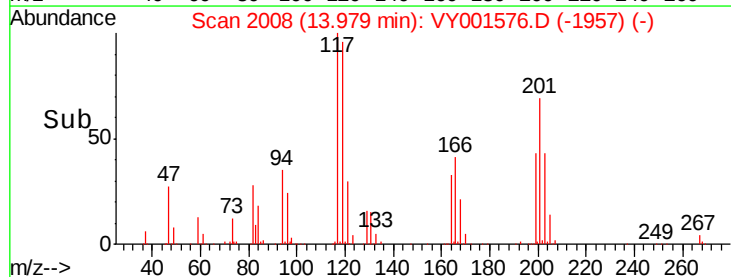
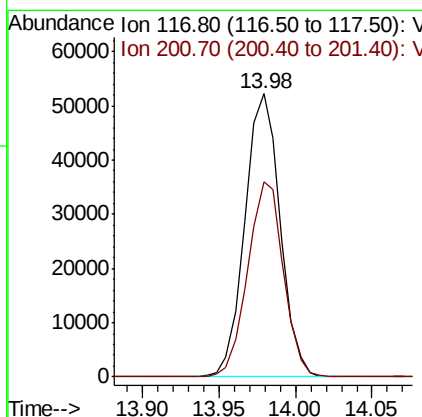
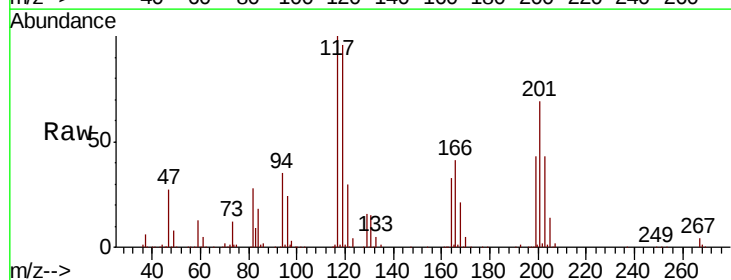
Instrument :
MSVOA_Y
ClientSampleId :

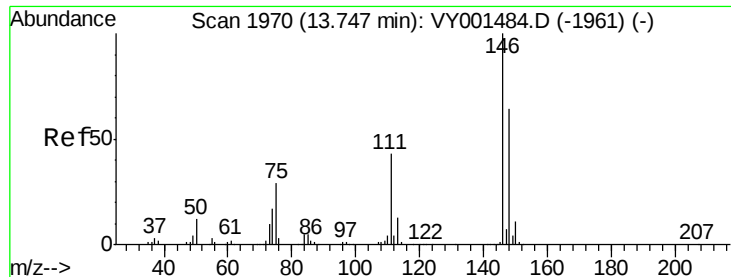
Tot Ion: 91 Resp: 434051
Ion Ratio Lower Upper
91 100
92 54.0 27.3 81.9
134 25.3 13.0 38.9



#90
Hexachloroethane
Concen: 45.706 ug/l
RT: 13.98 min Scan# 2008
Delta R.T. 0.01 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Tgt Ion: 117 Resp: 83595
Ion Ratio Lower Upper
117 100
201 69.7 34.1 102.3





#91

1,2-Dichlorobenzene

Concen: 49.180 ug/l

RT: 13.76 min Scan# 1972

Delta R.T. 0.01 min

Lab File: VY001576.D

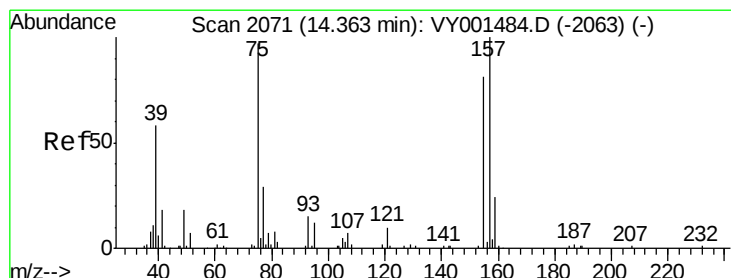
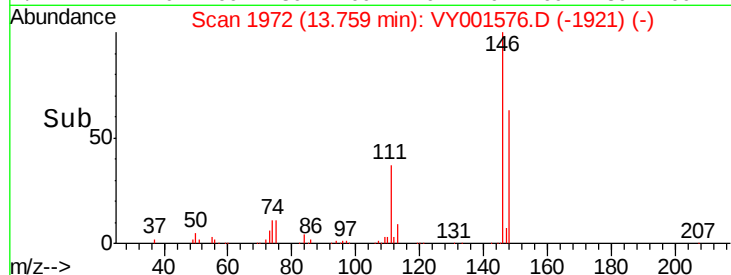
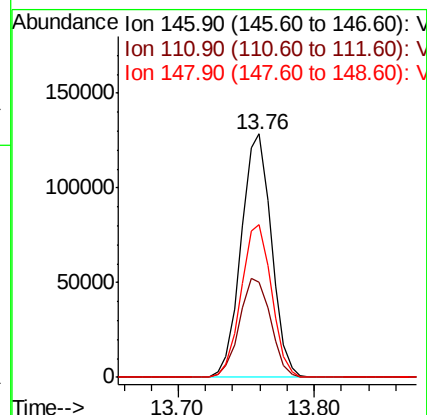
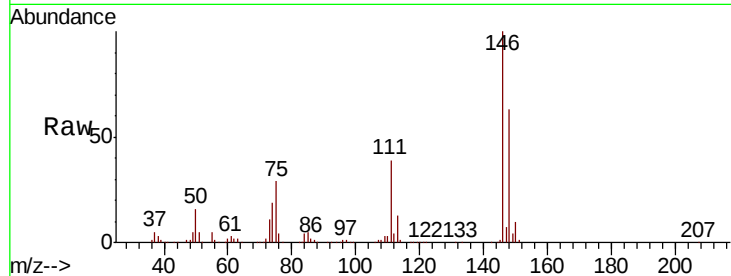
Acq: 07 Feb 2020 23:25

Instrument :

MSVOA_Y

ClientSampleId :

Tot Ion:146	Resp:	199705
Ion Ratio	Lower	Upper
146	100	
111	41.8	21.9 65.8
148	63.0	31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.872 ug/l

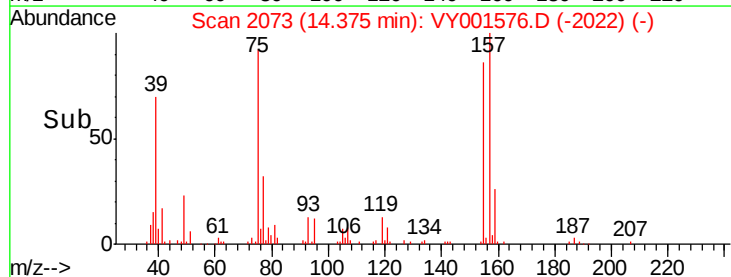
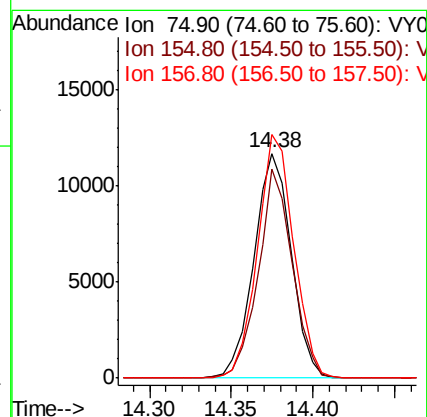
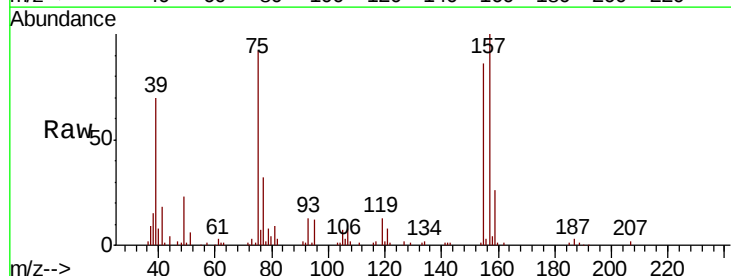
RT: 14.38 min Scan# 2073

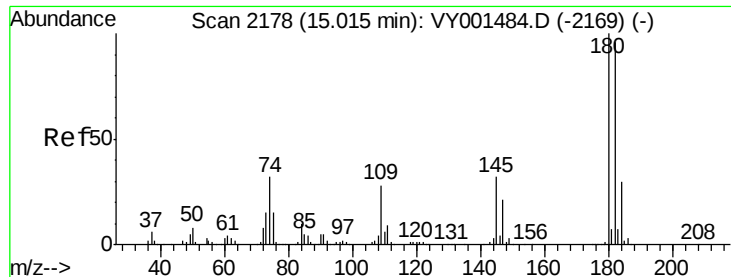
Delta R.T. 0.01 min

Lab File: VY001576.D

Acq: 07 Feb 2020 23:25

Tgt Ion: 75	Resp:	18520
Ion Ratio	Lower	Upper
75	100	
155	85.0	40.7 122.1
157	105.6	52.3 157.1

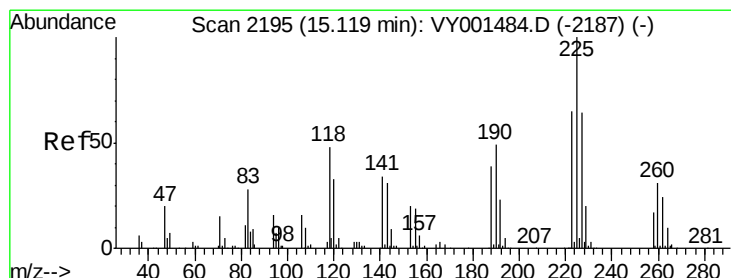
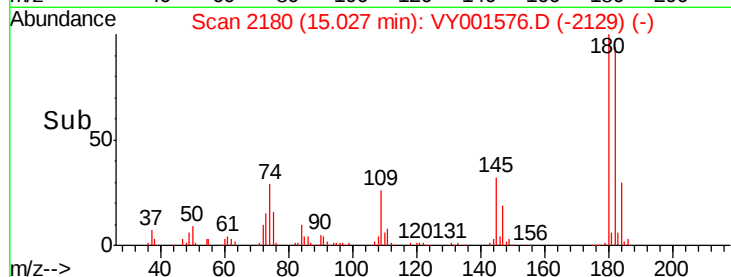
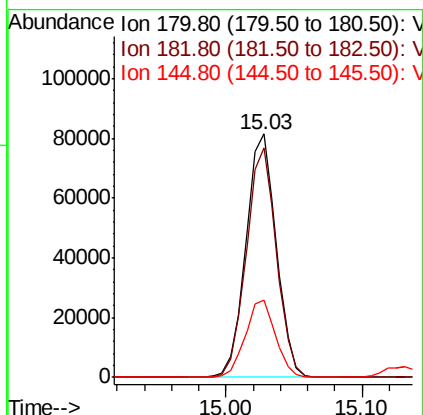
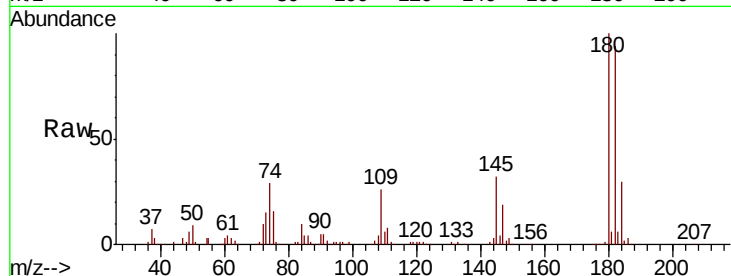




#93
 1,2,4-Trichlorobenzene
 Concen: 46.441 ug/l
 RT: 15.03 min Scan# 2180
 Delta R.T. 0.01 min
 Lab File: VY001576.D
 Acq: 07 Feb 2020 23:25

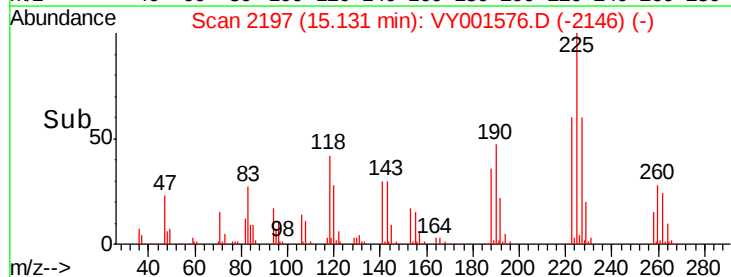
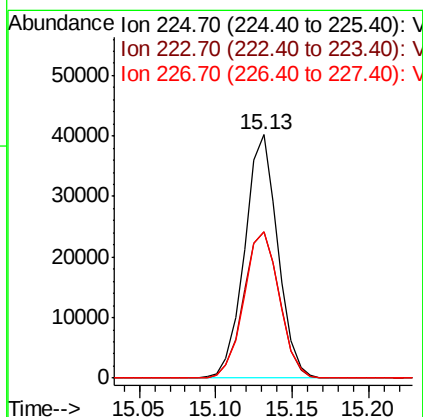
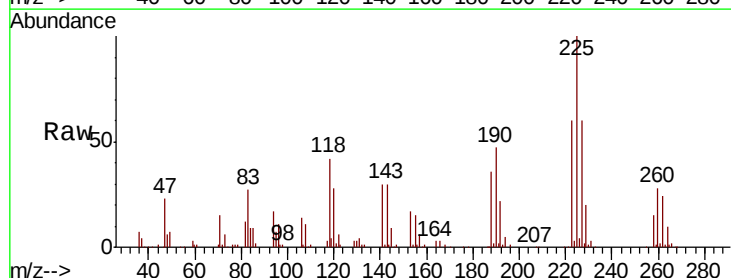
Instrument :
 MSVOA_Y
 ClientSampleId :

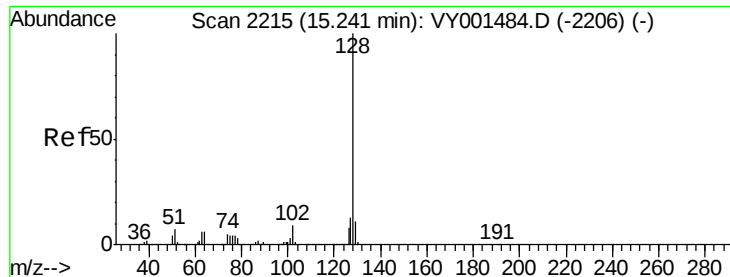
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.5	46.9	140.7
145	31.7	16.8	50.3



#94
 Hexachlorobutadiene
 Concen: 43.572 ug/l
 RT: 15.13 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: VY001576.D
 Acq: 07 Feb 2020 23:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	31.9	95.7
227	64.1	32.6	97.7

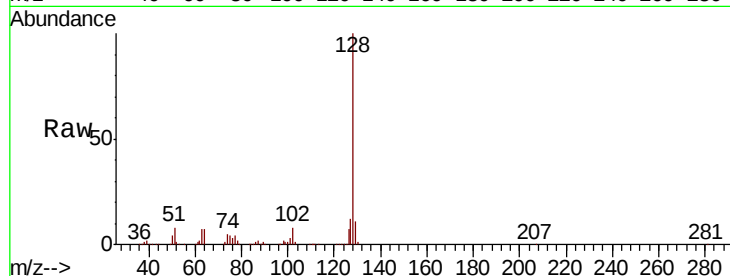




#95
Naphthalene
Concen: 47.921 ug/l
RT: 15.25 min Scan# 2217
Delta R.T. 0.01 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.1	15.1
129	10.7	8.9	13.3

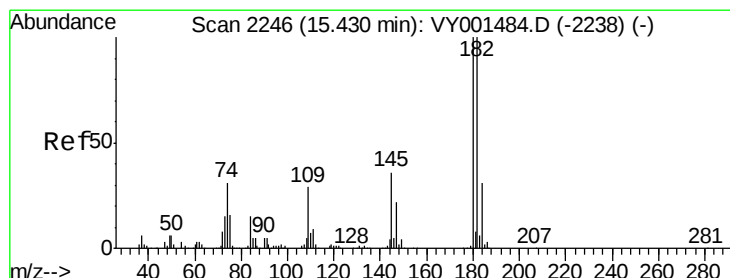
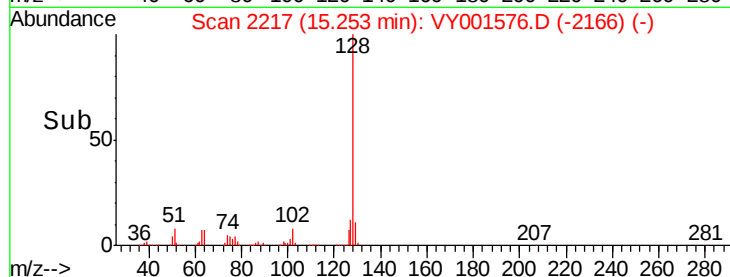
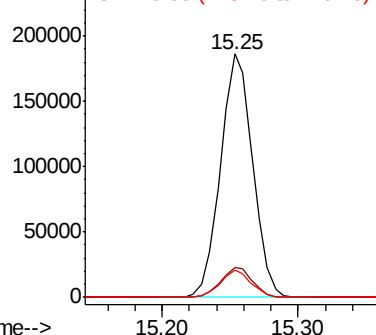


Abundance

Ion 128.00 (127.70 to 128.70): V

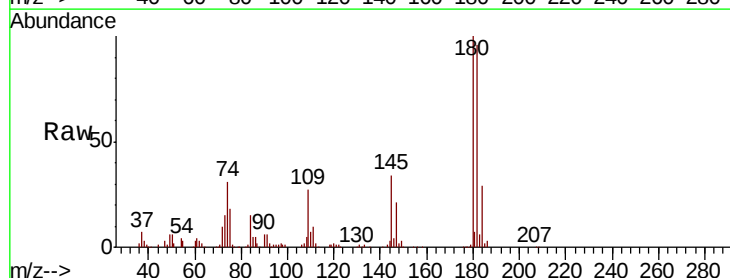
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 46.937 ug/l
RT: 15.44 min Scan# 2248
Delta R.T. 0.01 min
Lab File: VY001576.D
Acq: 07 Feb 2020 23:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.0	144.2
145	33.5	17.8	53.5



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

