

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101419\
 Data File : VY000294.D
 Acq On : 14 Oct 2019 13:17
 Operator : SY/MD
 Sample : VY1014SBSD01
 Misc : 5.00g/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 15 01:13:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 08:10:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	311888	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	522221	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	472203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	232622	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	170795	51.91	ug/l	0.00
Spiked Amount						
			Recovery	=	103.82%	
35) Dibromofluoromethane	7.73	113	153340	48.68	ug/l	0.00
Spiked Amount						
			Recovery	=	97.36%	
50) Toluene-d8	10.19	98	623398	51.45	ug/l	0.00
Spiked Amount						
			Recovery	=	102.90%	
62) 4-Bromofluorobenzene	12.48	95	227758	49.47	ug/l	0.00
Spiked Amount						
			Recovery	=	98.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	64640	23.969	ug/l	98
3) Chloromethane	2.12	50	82907	21.754	ug/l	96
4) Vinyl Chloride	2.25	62	83745	21.773	ug/l	99
5) Bromomethane	2.63	94	60065	21.071	ug/l	99
6) Chloroethane	2.79	64	51839	20.888	ug/l	95
7) Trichlorofluoromethane	3.12	101	112258	21.337	ug/l	98
8) Diethyl Ether	3.54	74	41442	22.297	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	67851	21.265	ug/l	95
10) Methyl Iodide	4.09	142	84987	19.442	ug/l	99
11) Tert butyl alcohol	4.98	59	36674	106.519	ug/l #	88
12) 1,1-Dichloroethene	3.88	96	67879	21.549	ug/l	92
13) Acrolein	3.74	56	40698	100.825	ug/l	98
14) Allyl chloride	4.48	41	113812	21.803	ug/l	97
15) Acrylonitrile	5.18	53	110948	106.647	ug/l	98
16) Acetone	3.96	43	100778	94.590	ug/l	100
17) Carbon Disulfide	4.19	76	210574	21.232	ug/l	99
18) Methyl Acetate	4.49	43	58174	21.976	ug/l	96
19) Methyl tert-butyl Ether	5.23	73	195603	22.307	ug/l	99
20) Methylene Chloride	4.72	84	80800	19.155	ug/l	95
21) trans-1,2-Dichloroethene	5.22	96	74419	20.592	ug/l	91
22) Diisopropyl ether	6.13	45	239791	21.719	ug/l	96
23) Vinyl Acetate	6.07	43	771719	107.142	ug/l	96
24) 1,1-Dichloroethane	6.03	63	130098	21.588	ug/l	99
25) 2-Butanone	7.00	43	156197	104.073	ug/l	99
26) 2,2-Dichloropropane	7.00	77	114003	20.530	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	85534	21.872	ug/l	98
28) Bromochloromethane	7.35	49	49649	19.191	ug/l	99
29) Tetrahydrofuran	7.36	42	96058	105.609	ug/l	100
30) Chloroform	7.52	83	131592	21.683	ug/l	96
31) Cyclohexane	7.79	56	128175	20.364	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	114402	21.203	ug/l	98
36) 1,1-Dichloropropene	7.93	75	102714	20.089	ug/l	99
37) Ethyl Acetate	7.08	43	63285	20.904	ug/l	99
38) Carbon Tetrachloride	7.91	117	99259	20.050	ug/l	94

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Quant Time: Oct 15 01:13:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 08:10:23 2019
 Response via : Initial Calibration

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

39) Methylcyclohexane	9.19	83	133871	20.005	ug/l	94
40) Benzene	8.17	78	305235	20.658	ug/l	100
41) Methacrylonitrile	7.36	41	87675	60.840	ug/l #	6
42) 1,2-Dichloroethane	8.25	62	89615	21.233	ug/l	99
43) Isopropyl Acetate	8.28	43	119581	20.774	ug/l	98
44) Trichloroethene	8.95	130	82879	19.991	ug/l	95
45) 1,2-Dichloropropane	9.22	63	76085	20.983	ug/l	96
46) Dibromomethane	9.32	93	42903	21.166	ug/l	96
47) Bromodichloromethane	9.50	83	99058	20.736	ug/l	96
48) Methyl methacrylate	9.30	41	52377	20.762	ug/l	98
49) 1,4-Dioxane	9.31	88	12190	401.089	ug/l	97
51) 4-Methyl-2-Pentanone	10.08	43	319743	107.694	ug/l	99
52) Toluene	10.25	92	191013	20.362	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	108869	21.265	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	123399	21.225	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	64184	21.778	ug/l	99
56) Ethyl methacrylate	10.52	69	92062	21.915	ug/l	98
57) 1,3-Dichloropropane	10.80	76	107215	21.183	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	216716	129.339	ug/l	100
59) 2-Hexanone	10.84	43	229196	109.980	ug/l	100
60) Dibromochloromethane	10.99	129	69452	21.261	ug/l	98
61) 1,2-Dibromoethane	11.09	107	59367	20.979	ug/l	99
64) Tetrachloroethene	10.72	164	91736	20.406	ug/l	93
65) Chlorobenzene	11.52	112	203025	20.373	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	72467	20.701	ug/l	98
67) Ethyl Benzene	11.60	91	375121	20.305	ug/l	100
68) m/p-Xylenes	11.70	106	281377	39.842	ug/l	96
69) o-Xylene	12.03	106	132827	19.715	ug/l	98
70) Styrene	12.05	104	228749	20.132	ug/l	99
71) Bromoform	12.21	173	41844	20.793	ug/l #	98
73) Isopropylbenzene	12.33	105	365186	20.133	ug/l	99
74) N-amyl acetate	12.14	43	102802	23.086	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	68736	20.183	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	103134	36.055	ug/l #	100
77) Bromobenzene	12.61	156	81237	20.127	ug/l	100
78) n-propylbenzene	12.67	91	438041	20.114	ug/l	100
79) 2-Chlorotoluene	12.76	91	243451	20.242	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	306956	20.182	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	25539	19.535	ug/l	97
82) 4-Chlorotoluene	12.85	91	260373	20.480	ug/l	99
83) tert-Butylbenzene	13.08	119	260003	20.187	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	307190	20.464	ug/l	99
85) sec-Butylbenzene	13.25	105	374722	20.111	ug/l	100
86) p-Isopropyltoluene	13.37	119	331091	20.382	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	159164	20.015	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	161683	20.341	ug/l	99
89) n-Butylbenzene	13.70	91	323396	20.146	ug/l	99
90) Hexachloroethane	13.96	117	60330	20.057	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	147963	20.560	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	13675	21.172	ug/l	92

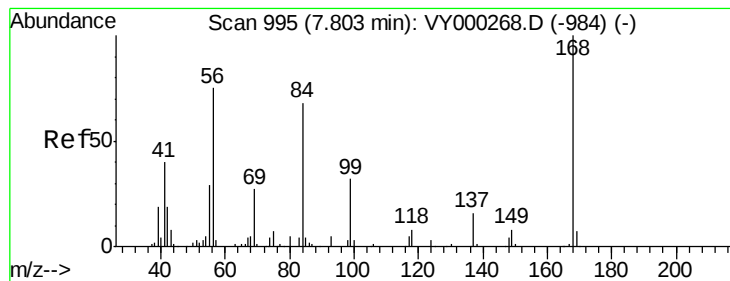
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ClientSampleId :

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Quant Title : SW846 8260
QLast Update : Mon Oct 14 08:10:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	104968	20.949	ug/l	97
94) Hexachlorobutadiene	15.11	225	54419	20.069	ug/l	98
95) Naphthalene	15.23	128	245941	21.995	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	93358	20.673	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

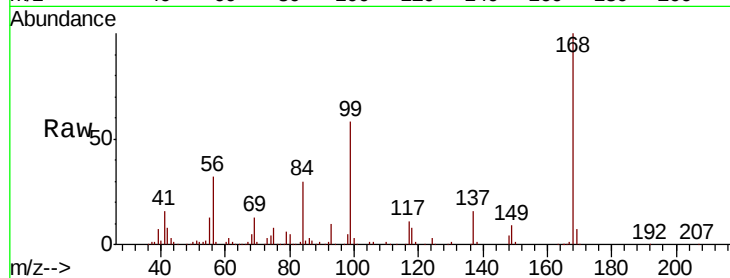
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:168 Resp: 311888

Ion Ratio Lower Upper

168 100

99 58.0 46.6 69.8



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

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

7.80

150000

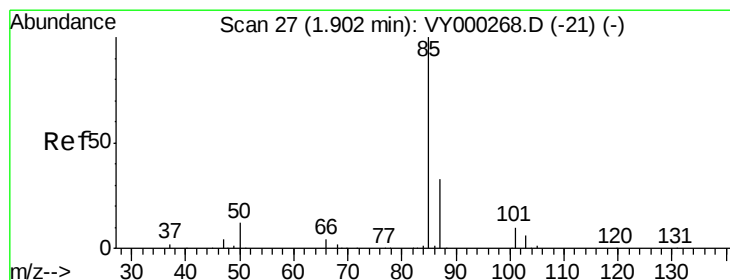
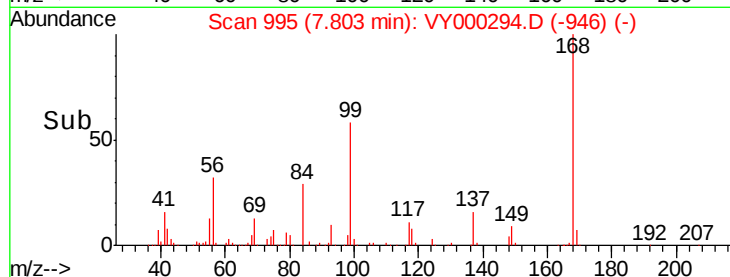
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 23.969 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000294.D

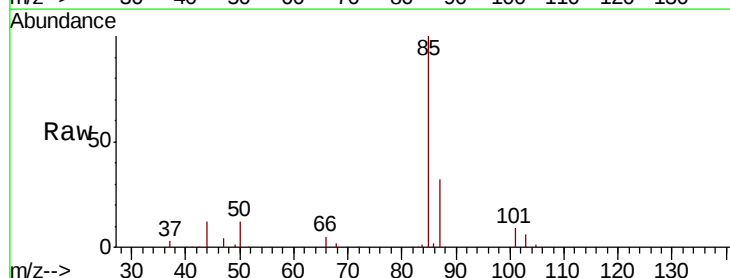
Acq: 14 Oct 2019 13:17

Tgt Ion: 85 Resp: 64640

Ion Ratio Lower Upper

85 100

87 32.0 16.6 49.8



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

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

1.90

40000

30000

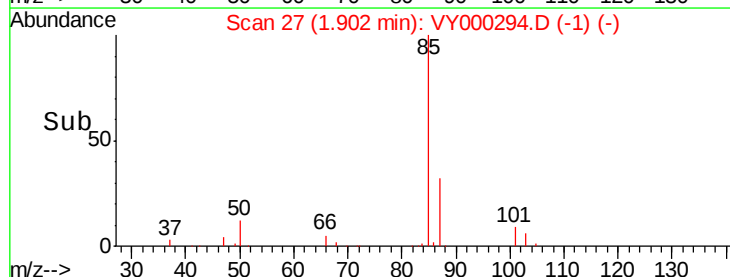
20000

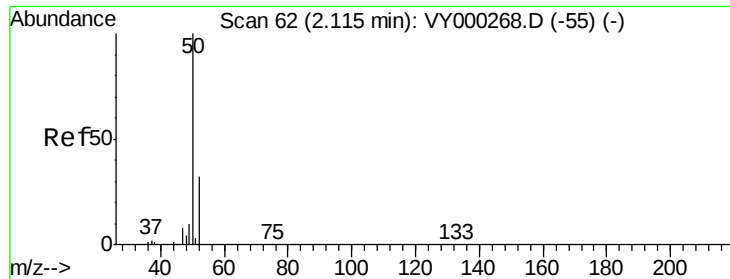
10000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 21.754 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

Instrument :

MSVOA_Y

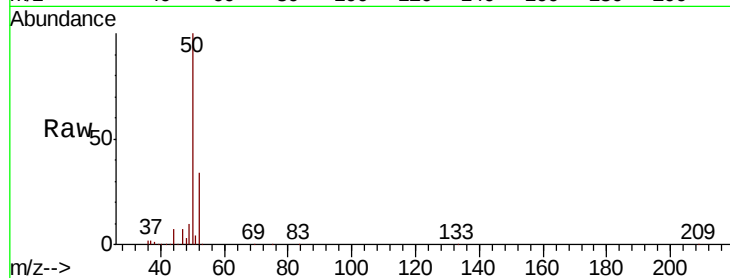
ClientSampled :

Tot Ion: 50 Resp: 82907

Ion Ratio Lower Upper

50 100

52 33.6 25.3 37.9

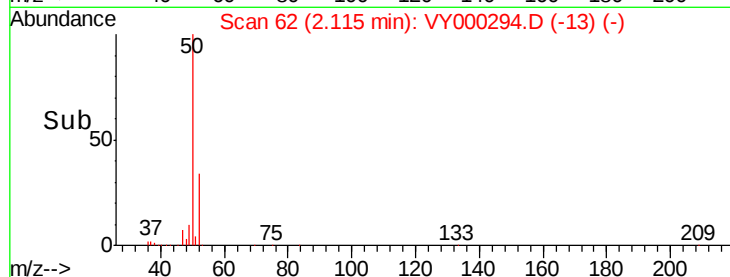


Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.12

Time-->



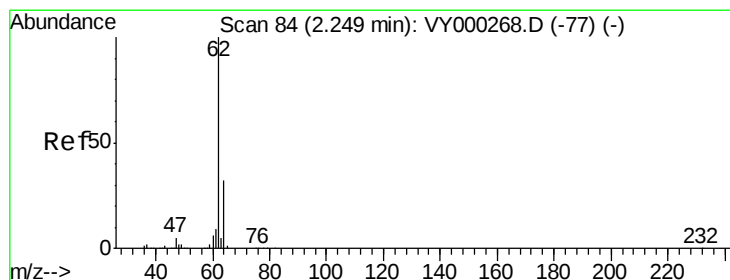
Abundance

Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.12

Time-->



#4

Vinyl Chloride

Concen: 21.773 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.00 min

Lab File: VY000294.D

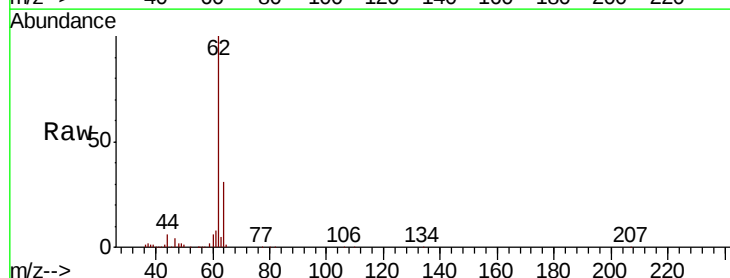
Acq: 14 Oct 2019 13:17

Tgt Ion: 62 Resp: 83745

Ion Ratio Lower Upper

62 100

64 31.4 25.6 38.4

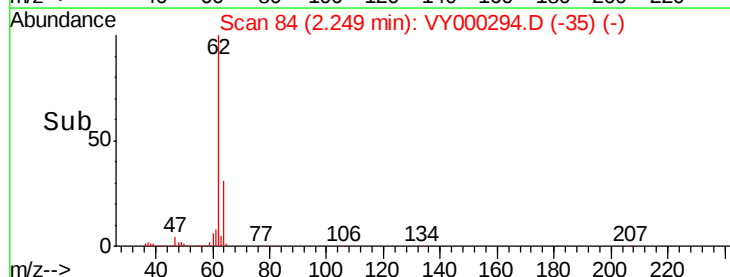


Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.25

Time-->



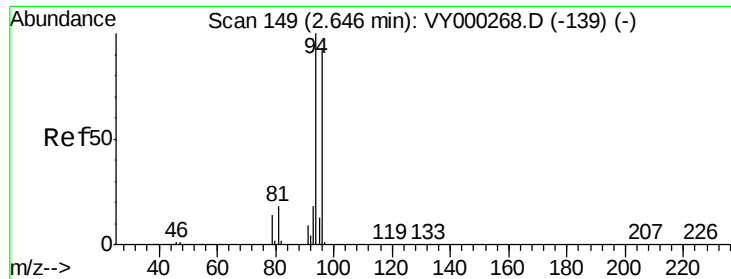
Abundance

Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.25

Time-->



#5

Bromomethane

Concen: 21.071 ug/l

RT: 2.63 min Scan# 146

Delta R.T. -0.02 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

Instrument :

MSVOA_Y

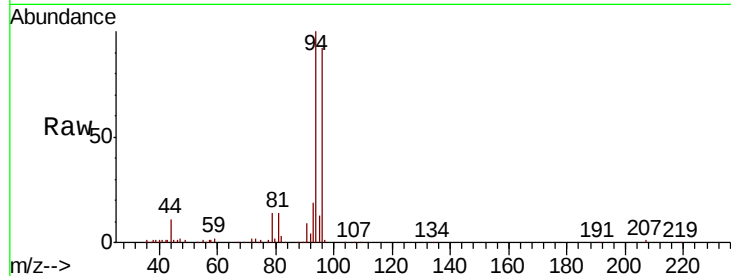
ClientSampleId :

Tot Ion: 94 Resp: 60065

Ion Ratio Lower Upper

94 100

96 91.4 74.2 111.2

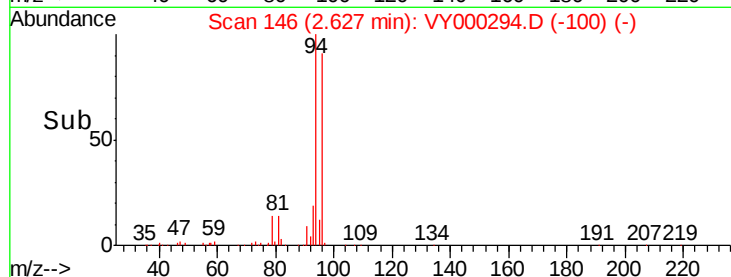


Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.63

Time-->



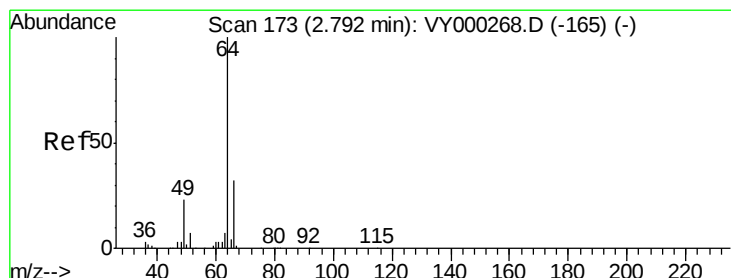
Abundance

Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.63

Time-->



#6

Chloroethane

Concen: 20.888 ug/l

RT: 2.79 min Scan# 172

Delta R.T. -0.01 min

Lab File: VY000294.D

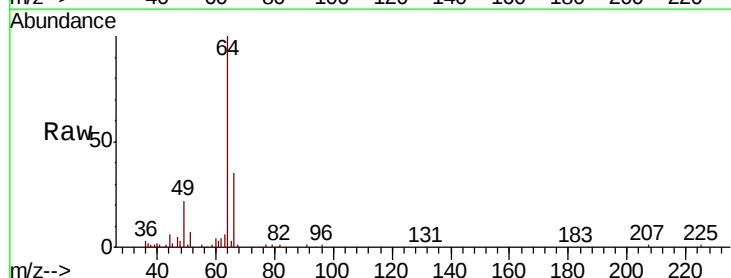
Acq: 14 Oct 2019 13:17

Tgt Ion: 64 Resp: 51839

Ion Ratio Lower Upper

64 100

66 34.6 25.6 38.4

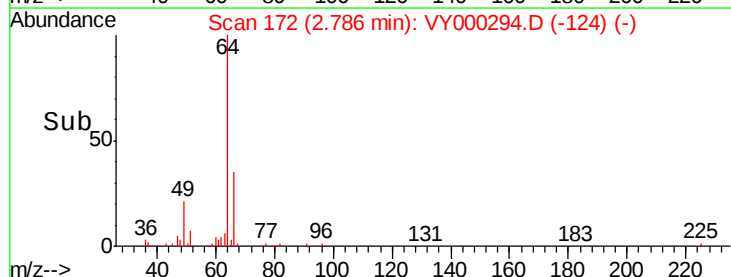


Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.79

Time-->



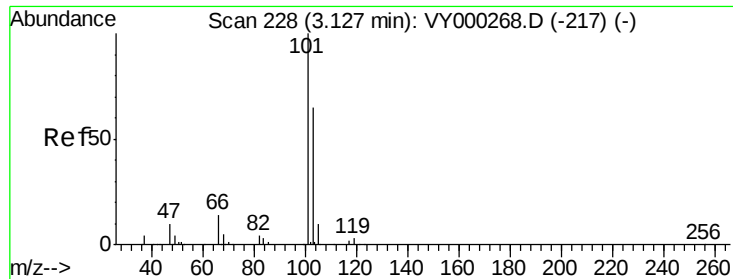
Abundance

Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.79

Time-->

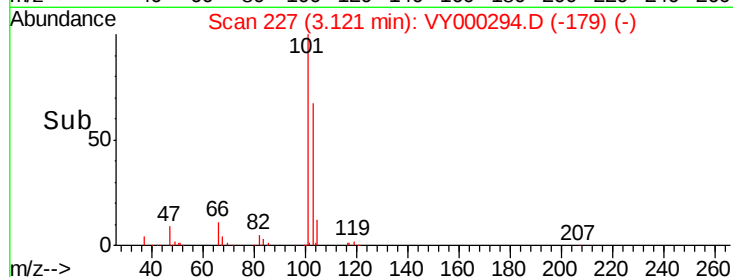
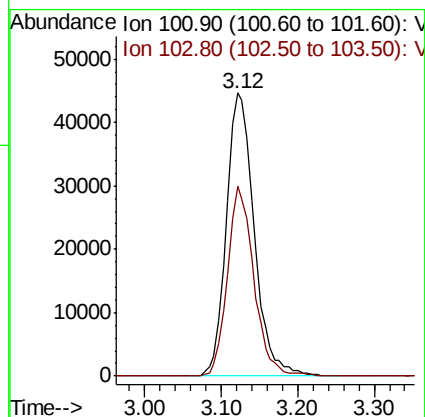
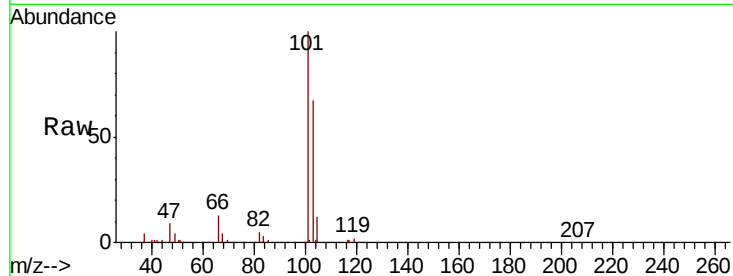


#7

Trichlorofluoromethane
Concen: 21.337 ug/l
RT: 3.12 min Scan# 227
Delta R.T. -0.01 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Instrument :
MSVOA_Y
ClientSampleId :

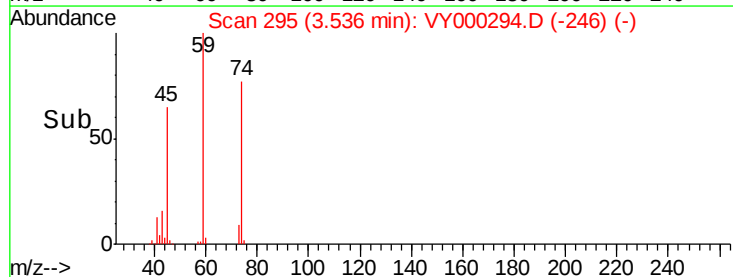
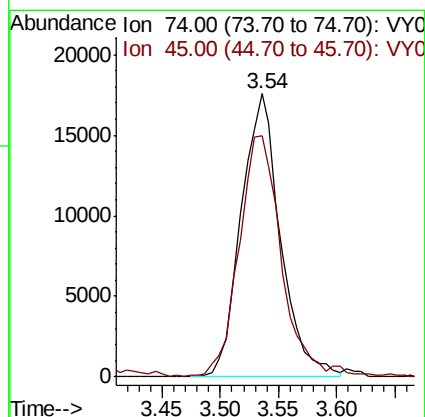
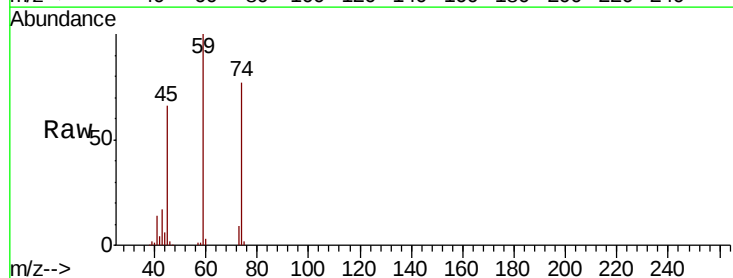
Tot Ion:101 Resp: 112258
Ion Ratio Lower Upper
101 100
103 66.9 52.2 78.4

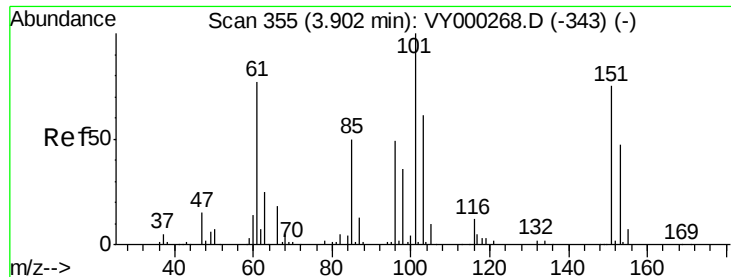


#8

Diethyl Ether
Concen: 22.297 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Tgt Ion: 74 Resp: 41442
Ion Ratio Lower Upper
74 100
45 92.3 47.1 141.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.265 ug/l

RT: 3.90 min Scan# 355

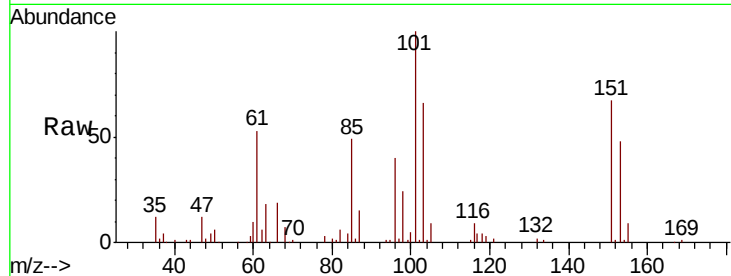
Delta R.T. -0.00 min

Lab File: VY000294.D

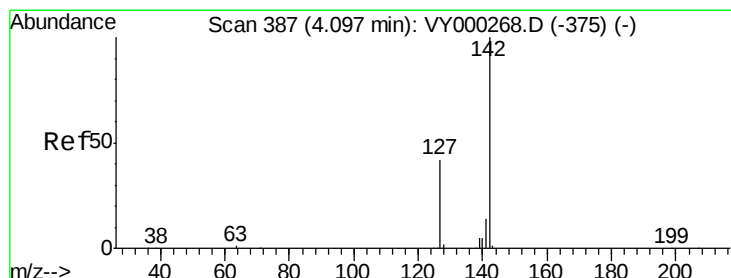
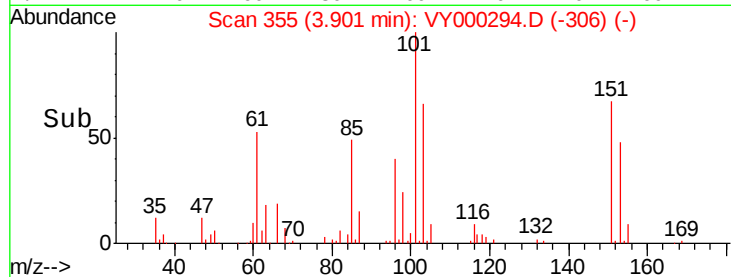
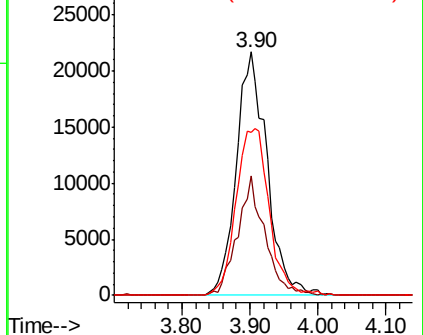
Acq: 14 Oct 2019 13:17

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:	101	Resp:	67851
Ion	Ratio	Lower	Upper
101	100		
85	43.7	36.6	55.0
151	74.1	63.1	94.7



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



#10

Methyl Iodide

Concen: 19.442 ug/l

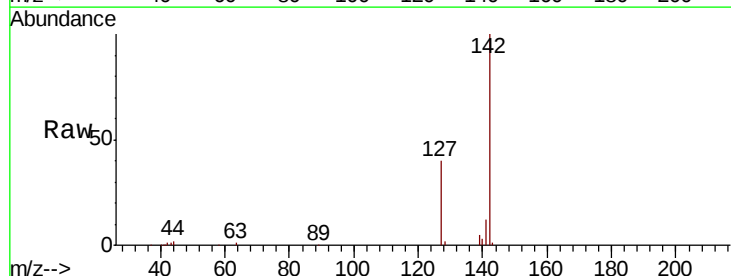
RT: 4.09 min Scan# 386

Delta R.T. -0.01 min

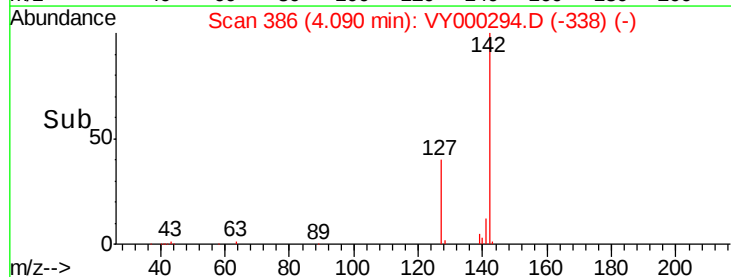
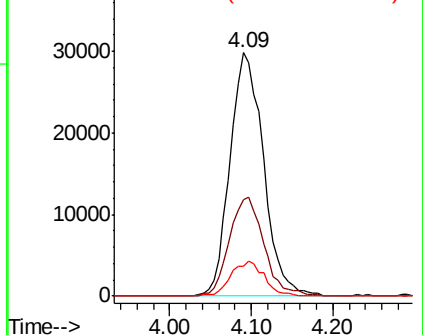
Lab File: VY000294.D

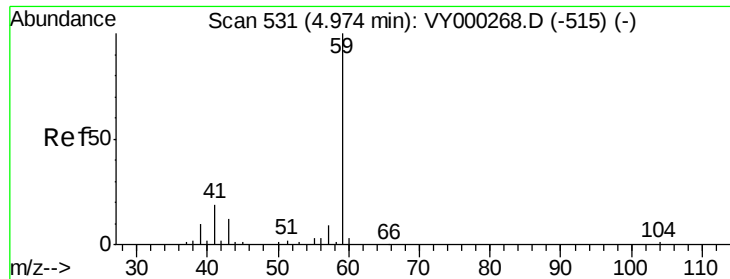
Acq: 14 Oct 2019 13:17

Tgt Ion:	142	Resp:	84987
Ion	Ratio	Lower	Upper
142	100		
127	41.7	33.9	50.9
141	14.1	11.2	16.8



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



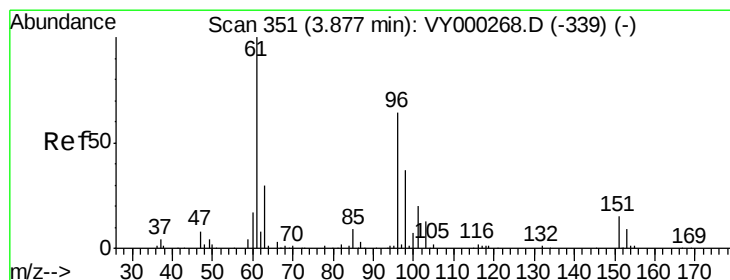
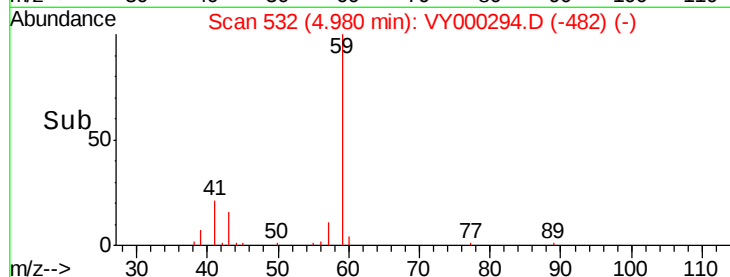
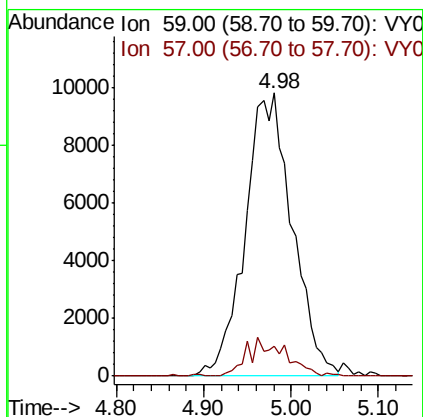
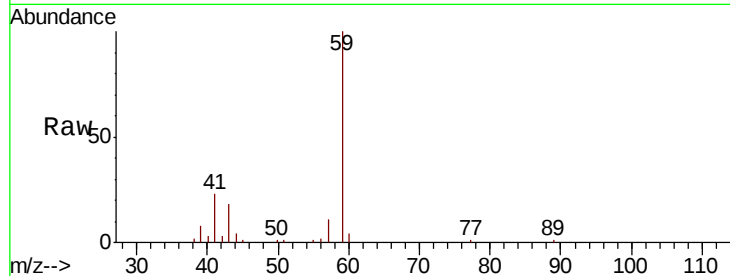


#11

Tert butyl alcohol
Concen: 106.519 ug/l
RT: 4.98 min Scan# 532
Delta R.T. 0.01 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Instrument :
MSVOA_Y
ClientSampled :

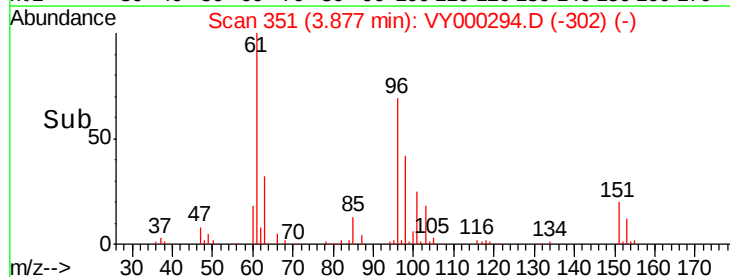
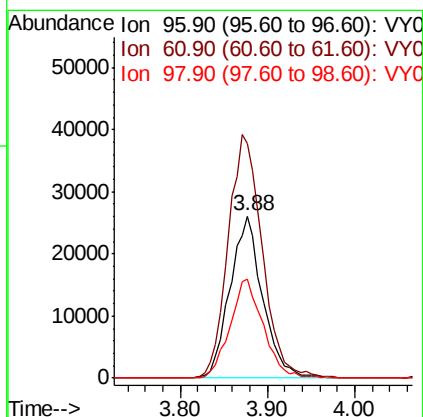
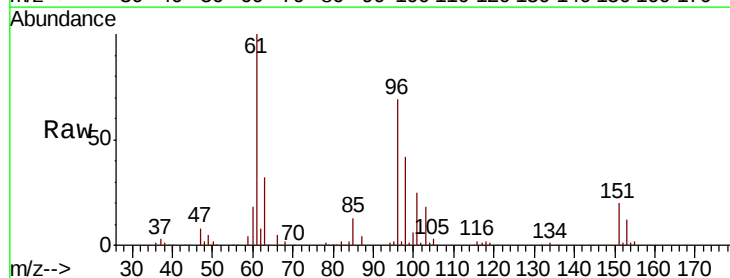
Tot Ion: 59 Resp: 36674
Ion Ratio Lower Upper
59 100
57 5.9 8.2 12.2#

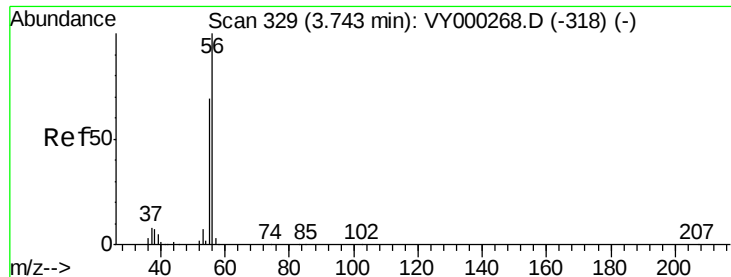


#12

1,1-Dichloroethene
Concen: 21.549 ug/l
RT: 3.88 min Scan# 351
Delta R.T. -0.00 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Tgt Ion: 96 Resp: 67879
Ion Ratio Lower Upper
96 100
61 144.4 125.8 188.6
98 60.9 46.2 69.2





#13

Acrolein

Concen: 100.825 ug/l

RT: 3.74 min Scan# 329

Delta R.T. -0.00 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

Instrument :

MSVOA_Y

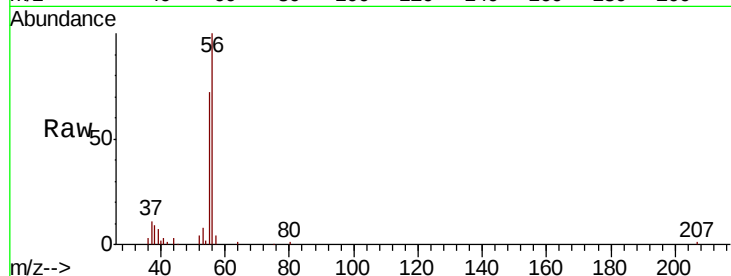
ClientSampleId :

Tot Ion: 56 Resp: 40698

Ion Ratio Lower Upper

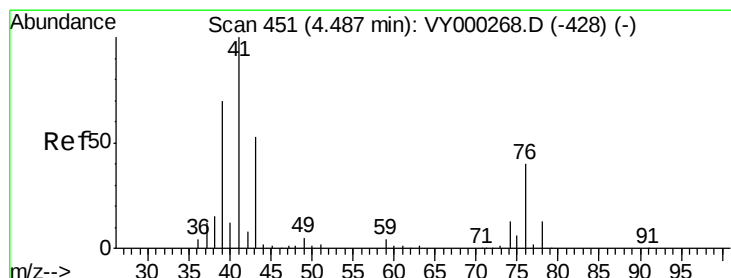
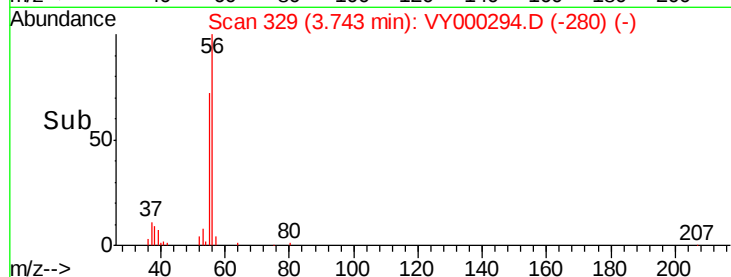
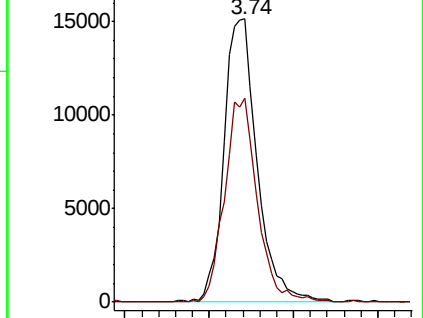
56 100

55 70.9 55.7 83.5



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 21.803 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

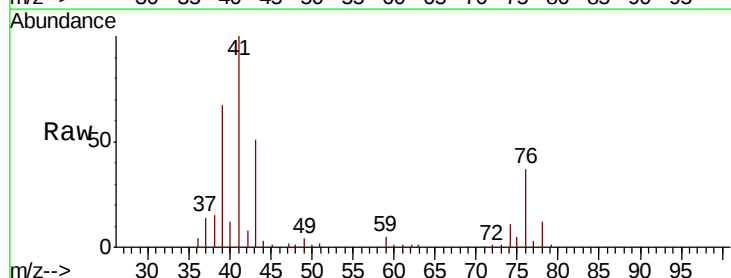
Tgt Ion: 41 Resp: 113812

Ion Ratio Lower Upper

41 100

39 65.6 54.0 81.0

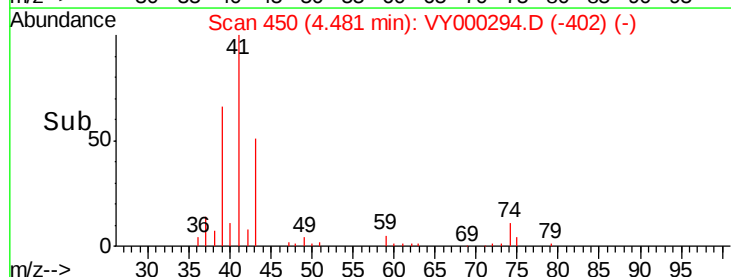
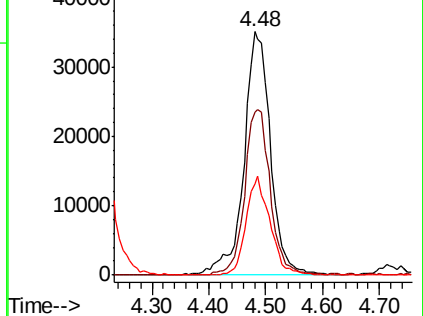
76 36.4 30.7 46.1

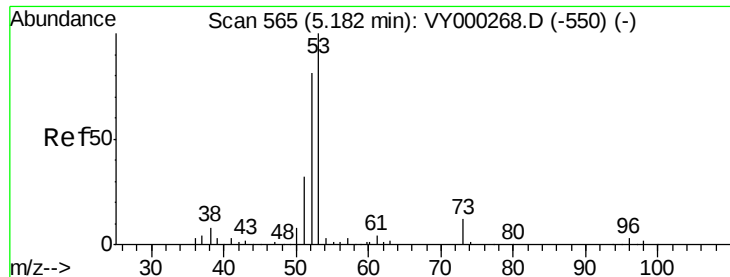


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 106.647 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.01 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

Instrument :

MSVOA_Y

ClientSampleId :

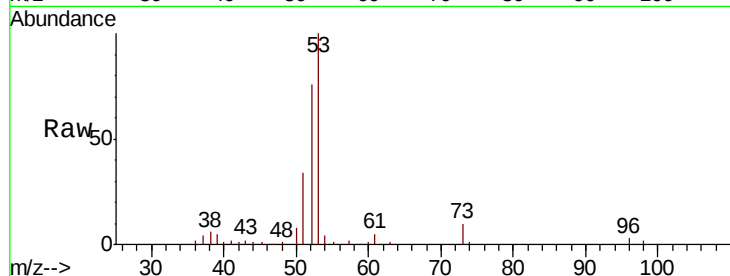
Tot Ion: 53 Resp: 110948

Ion Ratio Lower Upper

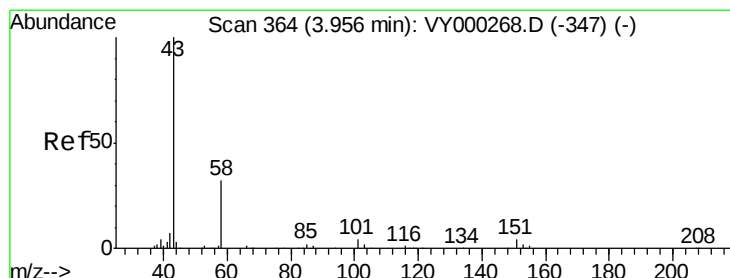
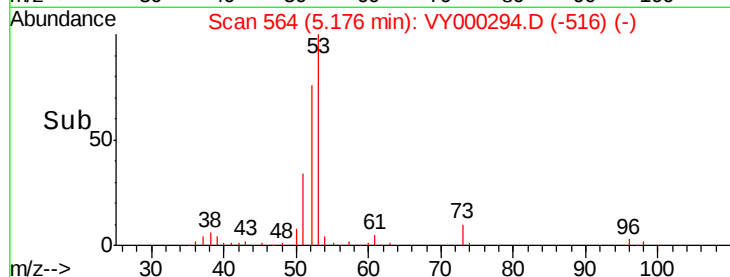
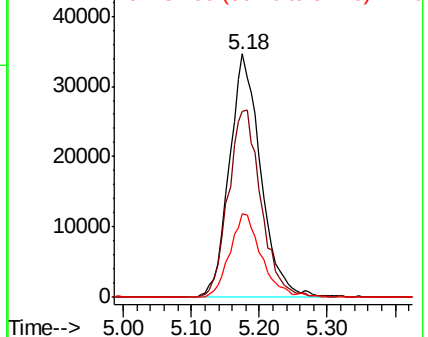
53 100

52 80.2 62.9 94.3

51 34.7 26.9 40.3



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



#16

Acetone

Concen: 94.590 ug/l

RT: 3.96 min Scan# 364

Delta R.T. -0.00 min

Lab File: VY000294.D

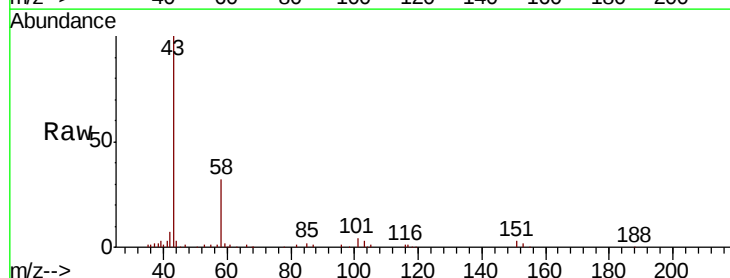
Acq: 14 Oct 2019 13:17

Tgt Ion: 43 Resp: 100778

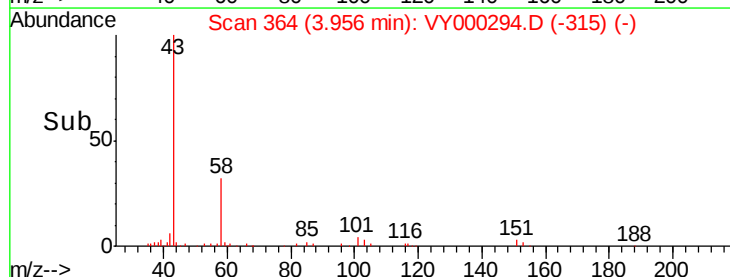
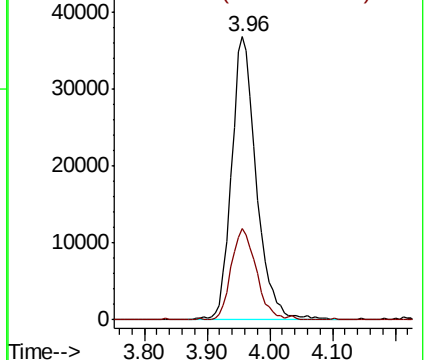
Ion Ratio Lower Upper

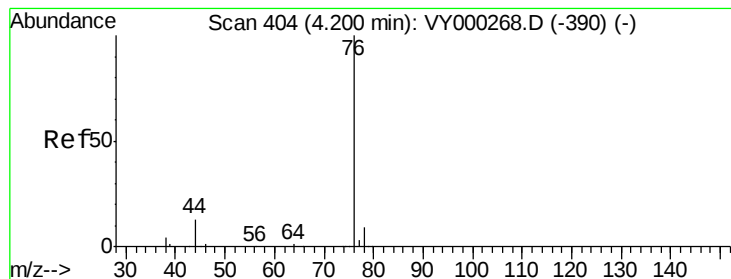
43 100

58 32.3 25.8 38.6



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





#17

Carbon Disulfide

Concen: 21.232 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

Instrument :

MSVOA_Y

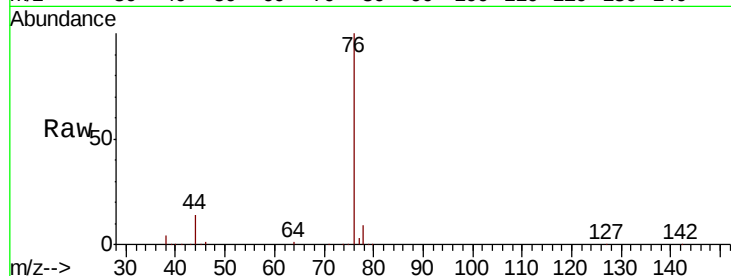
ClientSampleId :

Tot Ion: 76 Resp: 210574

Ion Ratio Lower Upper

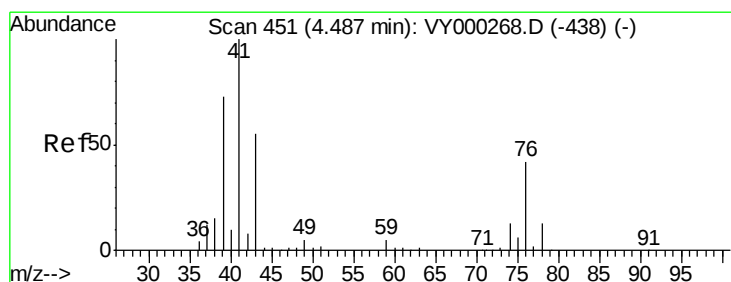
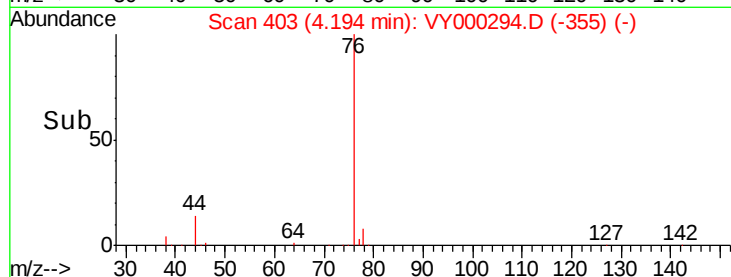
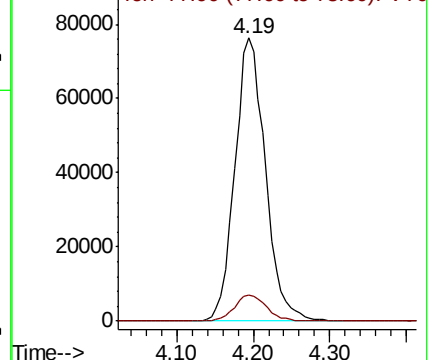
76 100

78 9.2 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 21.976 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY000294.D

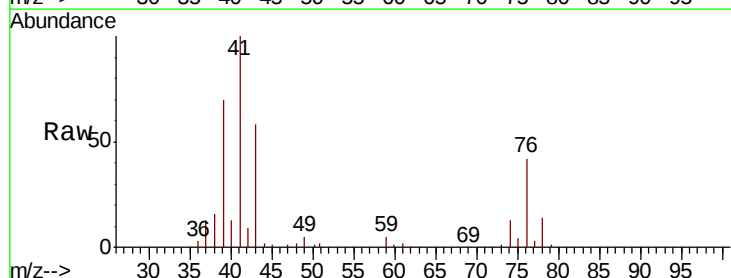
Acq: 14 Oct 2019 13:17

Tgt Ion: 43 Resp: 58174

Ion Ratio Lower Upper

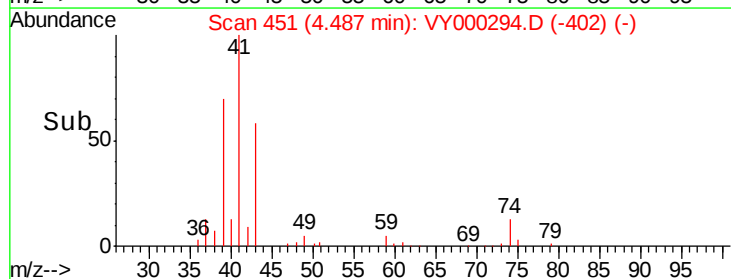
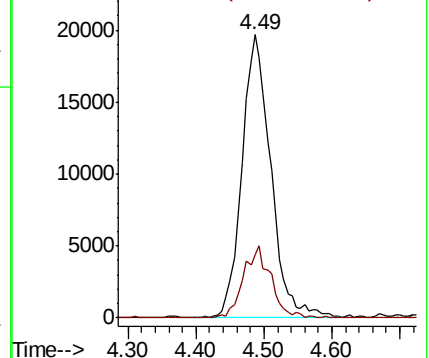
43 100

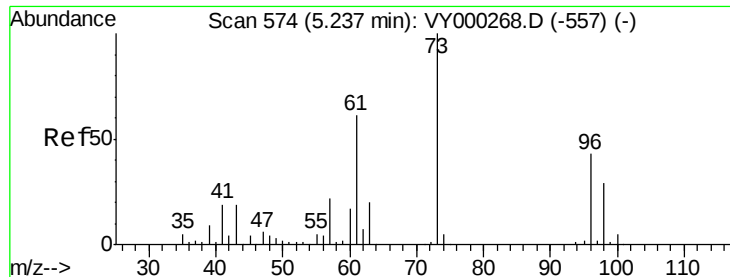
74 23.3 20.4 30.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

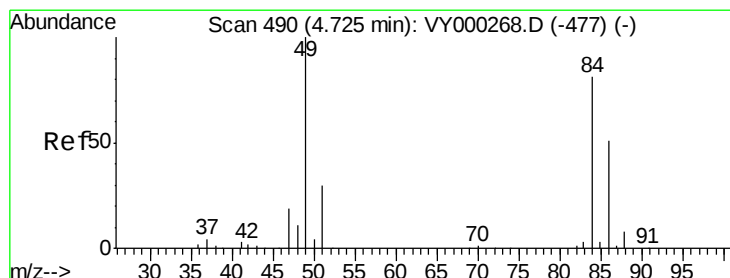
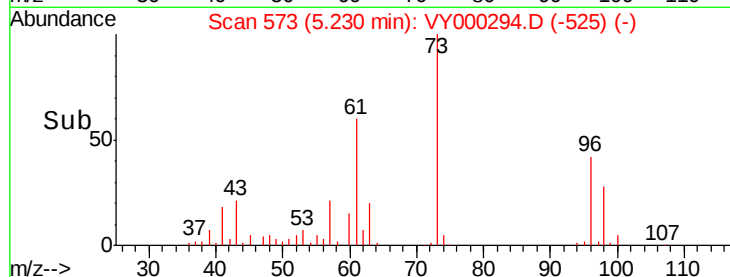
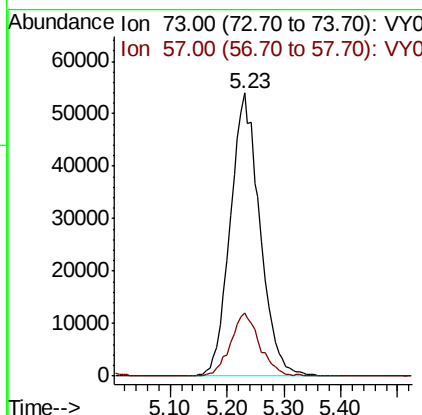
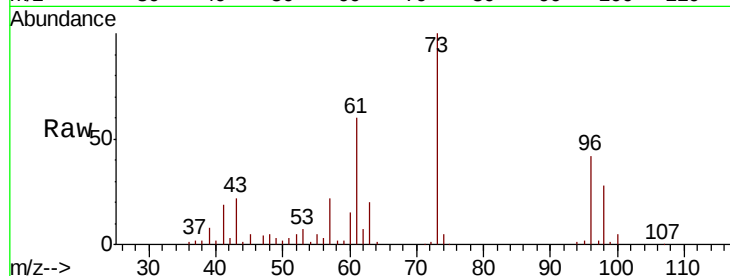




#19
Methyl tert-butyl Ether
Concen: 22.307 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

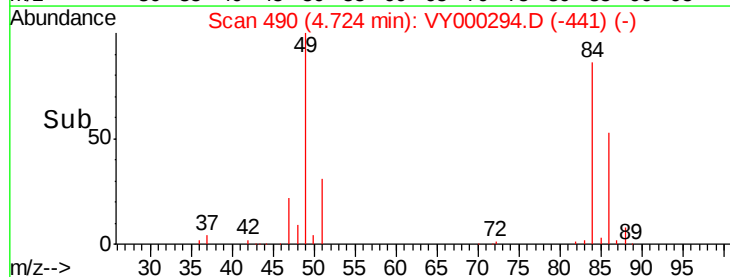
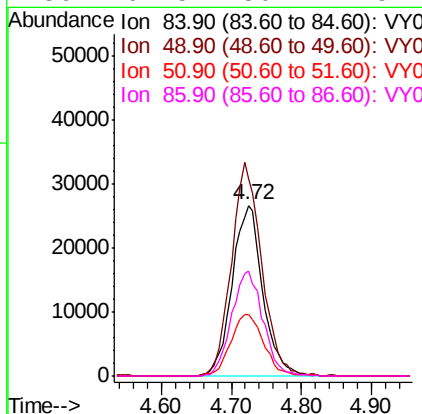
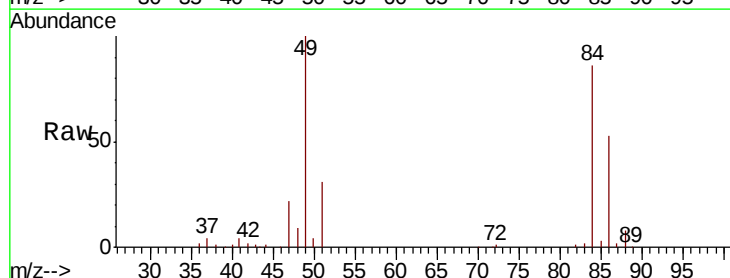
Instrument :
MSVOA_Y
ClientSampled :

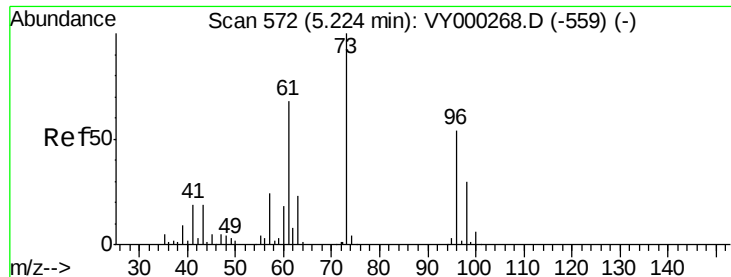
Tot Ion: 73 Resp: 195603
Ion Ratio Lower Upper
73 100
57 22.2 17.4 26.0



#20
Methylene Chloride
Concen: 19.155 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Tgt Ion: 84 Resp: 80800
Ion Ratio Lower Upper
84 100
49 115.6 99.0 148.4
51 36.2 29.3 43.9
86 61.5 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 20.592 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.00 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

Instrument :

MSVOA_Y

ClientSampleId :

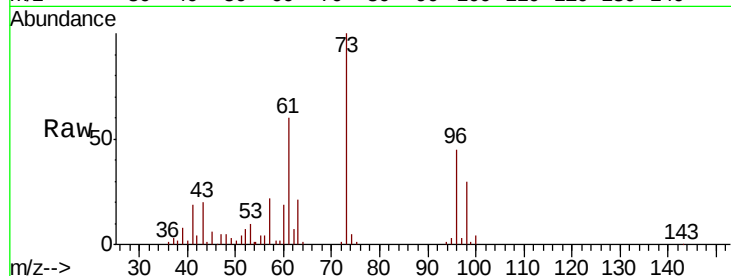
Tot Ion: 96 Resp: 74419

Ion Ratio Lower Upper

96 100

61 133.3 100.4 150.6

98 66.4 44.6 66.8

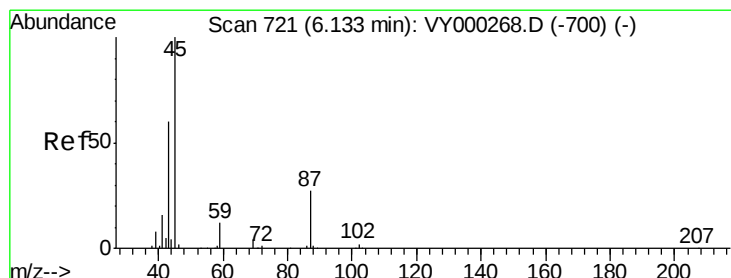
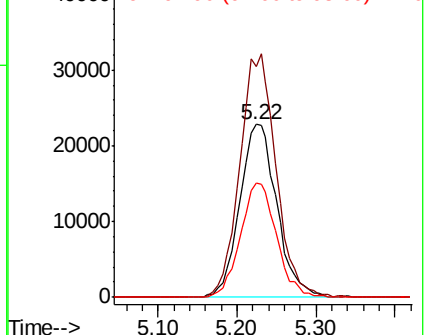
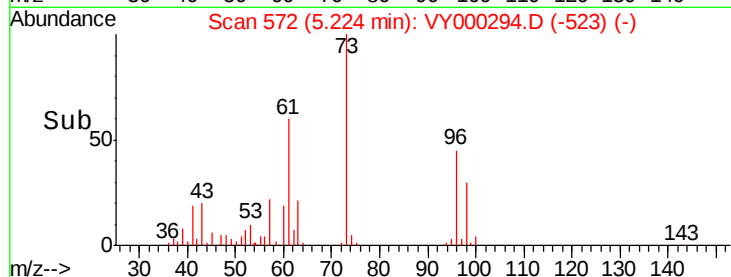


Abundance

Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 21.719 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

Tgt Ion: 45 Resp: 239791

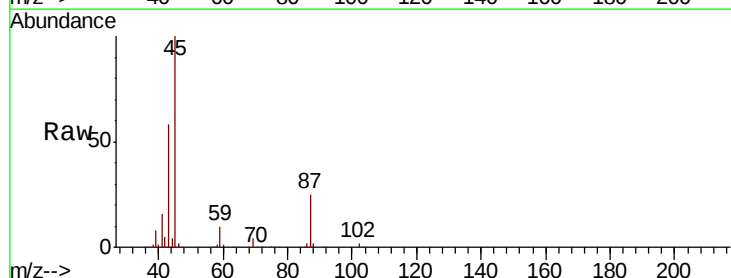
Ion Ratio Lower Upper

45 100

43 57.3 48.5 72.7

87 25.3 21.5 32.3

59 10.3 9.4 14.0



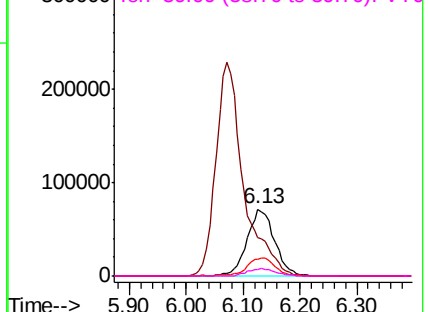
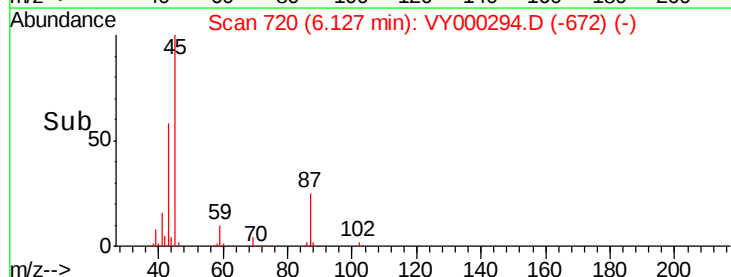
Abundance

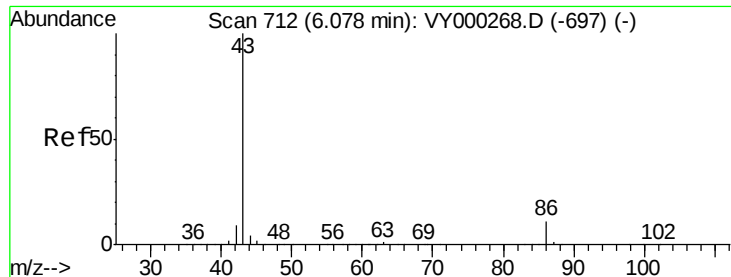
Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 107.142 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

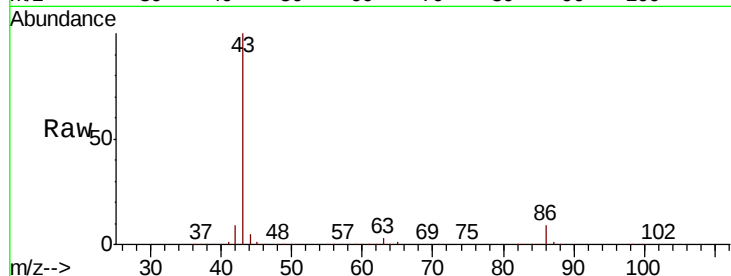
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 43 Resp: 771719

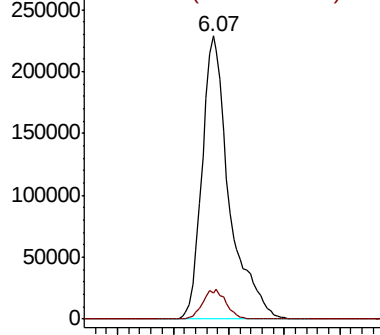
Ion Ratio Lower Upper

43 100

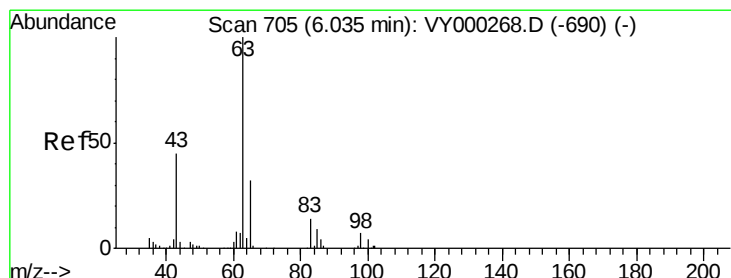
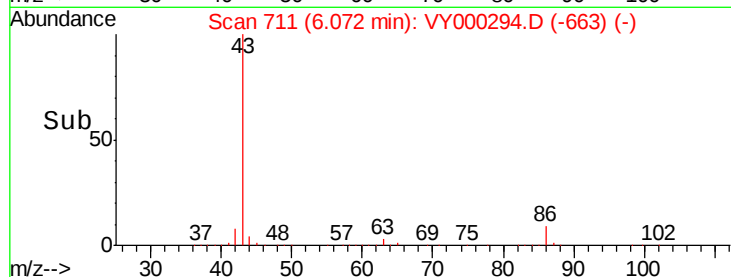
86 9.4 8.6 13.0



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



Time-->



#24

1,1-Dichloroethane

Concen: 21.588 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

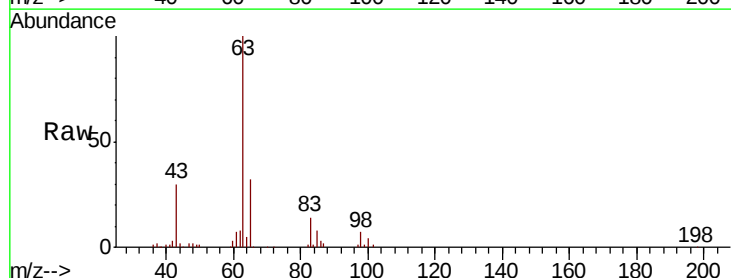
Tgt Ion: 63 Resp: 130098

Ion Ratio Lower Upper

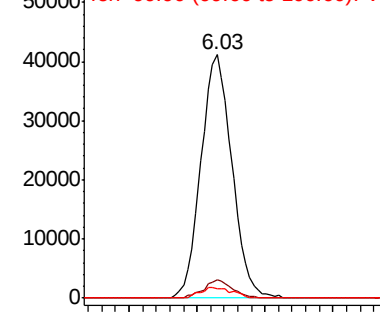
63 100

98 7.5 3.5 10.4

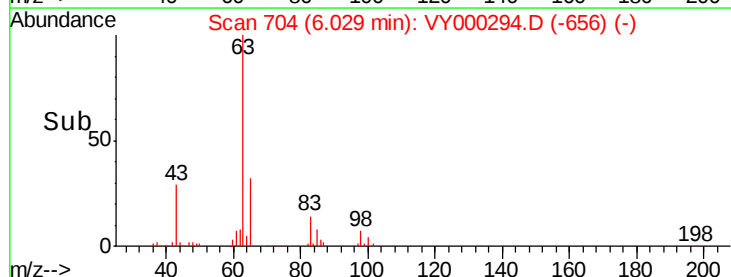
100 4.1 2.1 6.2

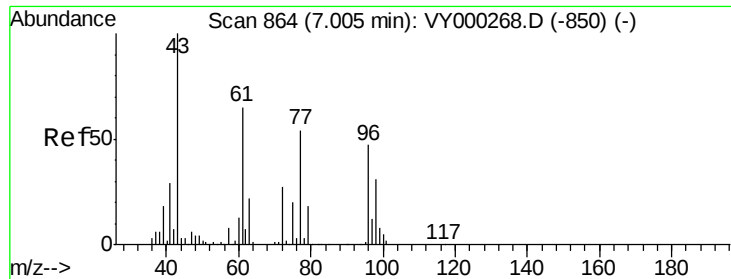


Abundance Ion 62.90 (62.60 to 63.60): VY0
Ion 97.90 (97.60 to 98.60): VY0
Ion 99.90 (99.60 to 100.60): VY0



Time-->





#25

2-Butanone

Concen: 104.073 ug/l

RT: 7.00 min Scan# 864

Delta R.T. -0.00 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

Instrument :

MSVOA_Y

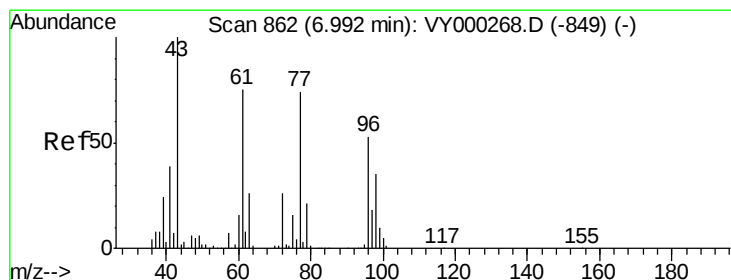
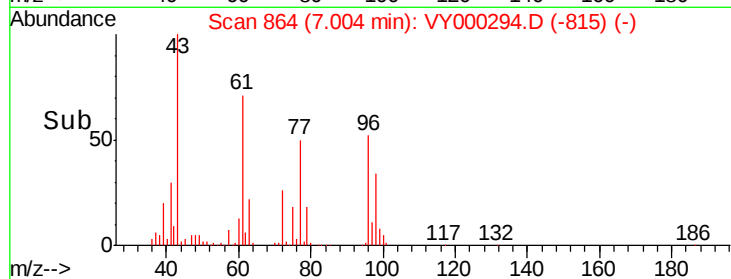
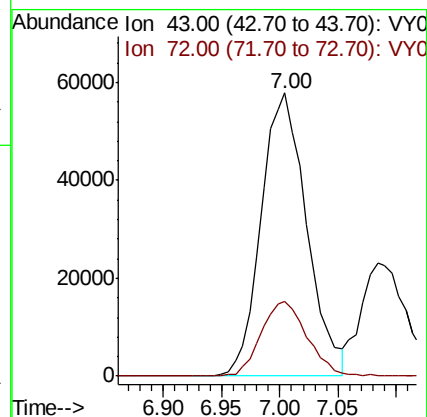
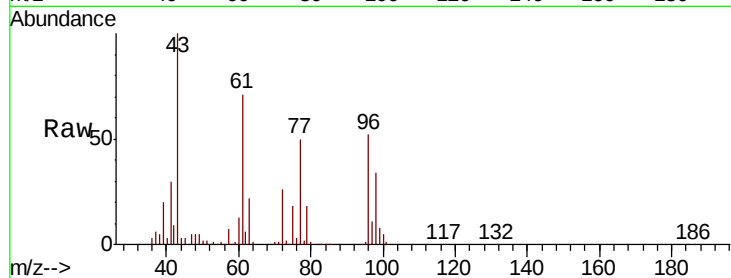
ClientSampleId :

Tot Ion: 43 Resp: 156197

Ion Ratio Lower Upper

43 100

72 26.2 21.4 32.2



#26

2,2-Dichloropropane

Concen: 20.530 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY000294.D

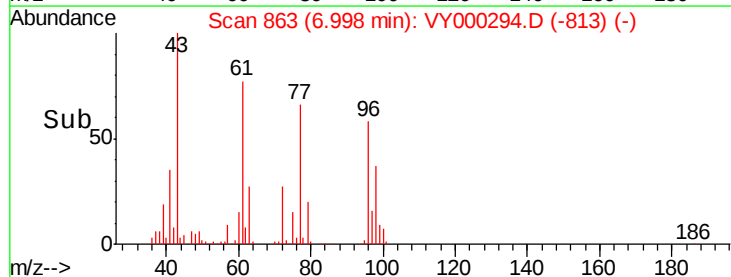
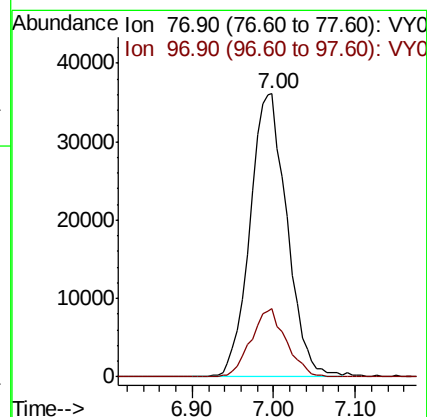
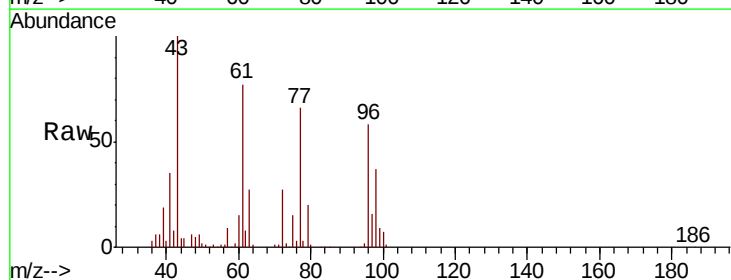
Acq: 14 Oct 2019 13:17

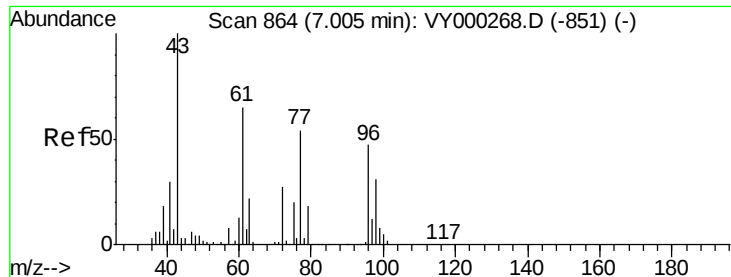
Tgt Ion: 77 Resp: 114003

Ion Ratio Lower Upper

77 100

97 22.8 11.6 34.7



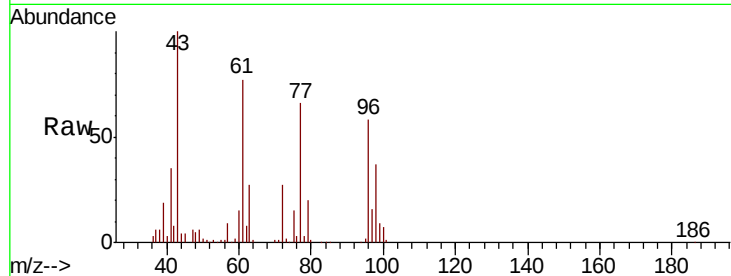


#27

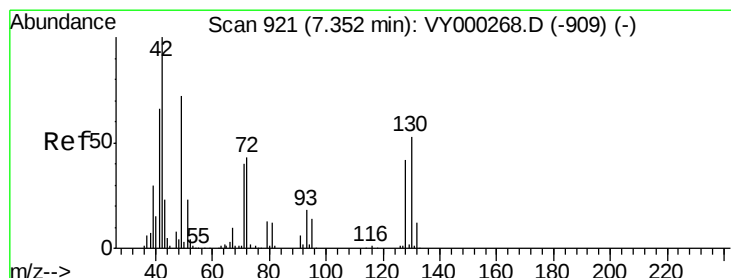
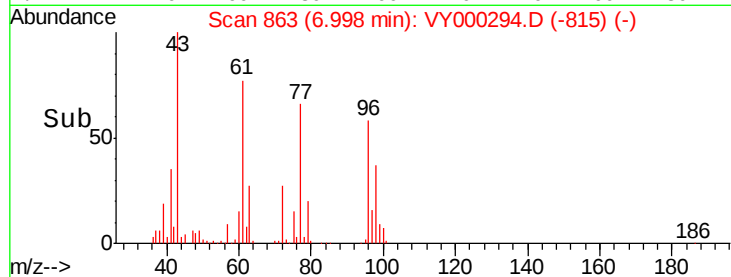
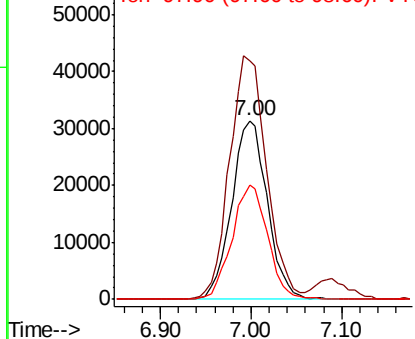
cis-1,2-Dichloroethene
 Concen: 21.872 ug/l
 RT: 7.00 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VY000294.D
 Acq: 14 Oct 2019 13:17

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 96 Resp: 85534
 Ion Ratio Lower Upper
 96 100
 61 141.8 0.0 289.8
 98 64.2 0.0 131.8



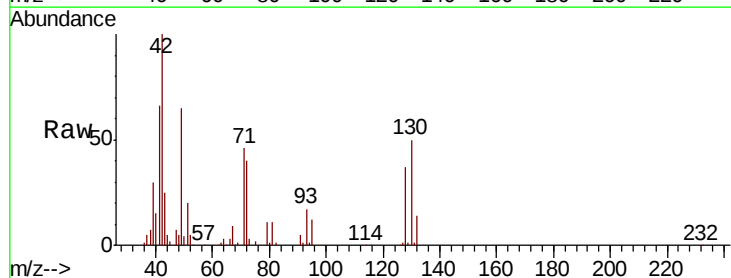
Abundance Ion 95.90 (95.60 to 96.60): VY0
 Ion 60.90 (60.60 to 61.60): VY0
 Ion 97.90 (97.60 to 98.60): VY0



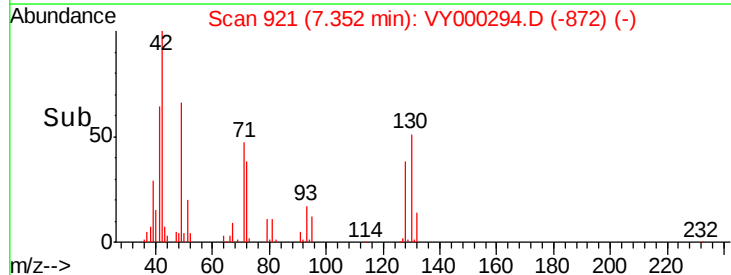
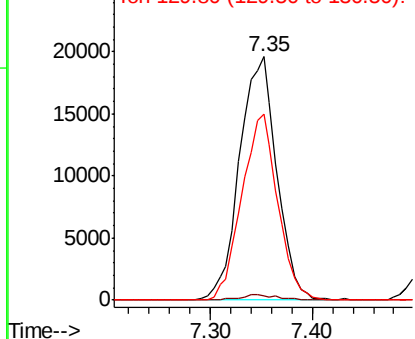
#28

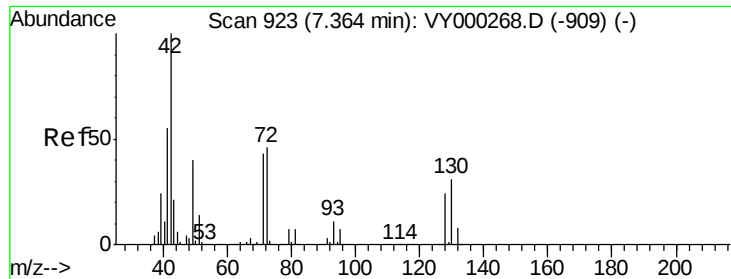
Bromochloromethane
 Concen: 19.191 ug/l
 RT: 7.35 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VY000294.D
 Acq: 14 Oct 2019 13:17

Tgt Ion: 49 Resp: 49649
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 73.9 58.2 87.2



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

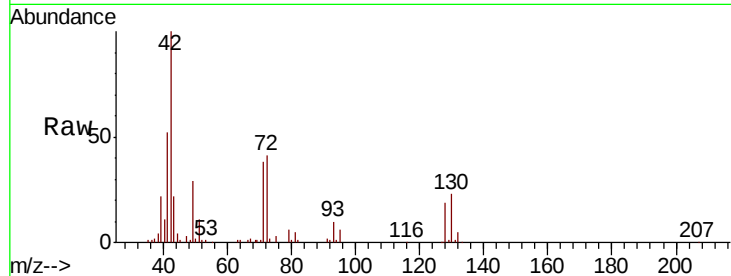




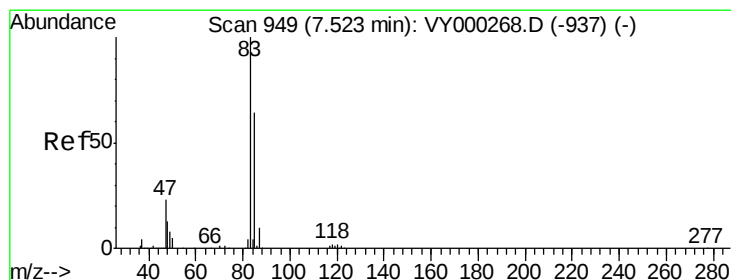
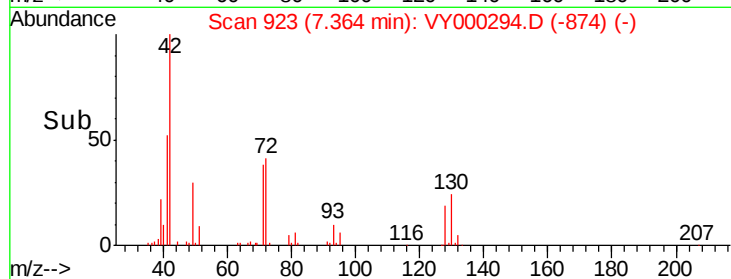
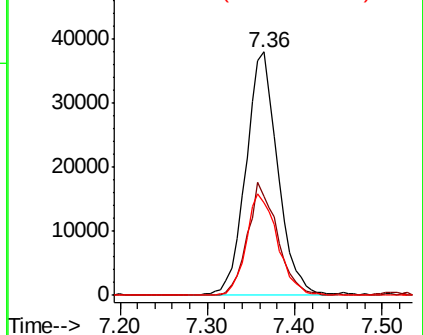
#29
Tetrahydrofuran
Concen: 105.609 ug/l
RT: 7.36 min Scan# 923
Delta R.T. -0.00 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 42 Resp: 96058
Ion Ratio Lower Upper
42 100
72 43.4 34.5 51.7
71 40.9 32.7 49.1

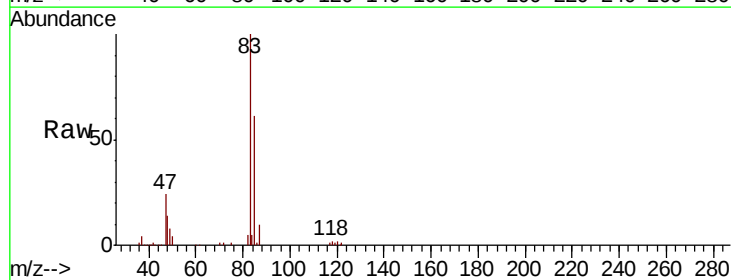


Abundance Ion 42.00 (41.70 to 42.70): VY0
Ion 72.00 (71.70 to 72.70): VY0
Ion 71.00 (70.70 to 71.70): VY0

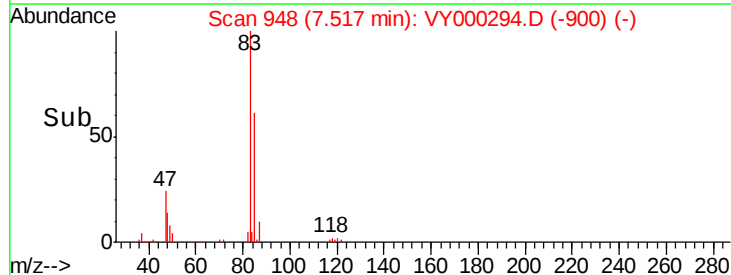
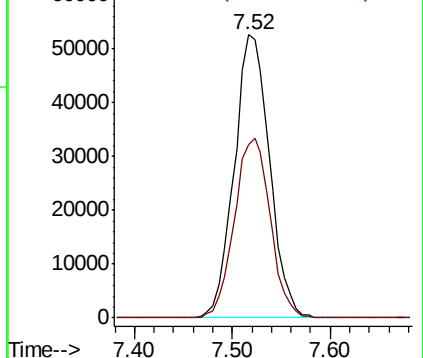


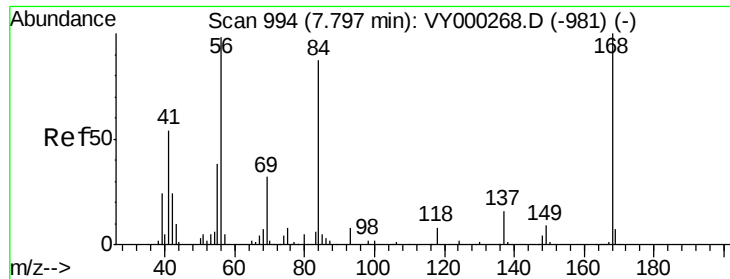
#30
Chloroform
Concen: 21.683 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.01 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Tgt Ion: 83 Resp: 131592
Ion Ratio Lower Upper
83 100
85 61.2 51.4 77.2



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

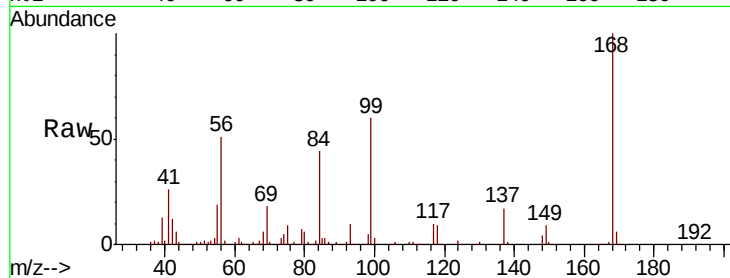




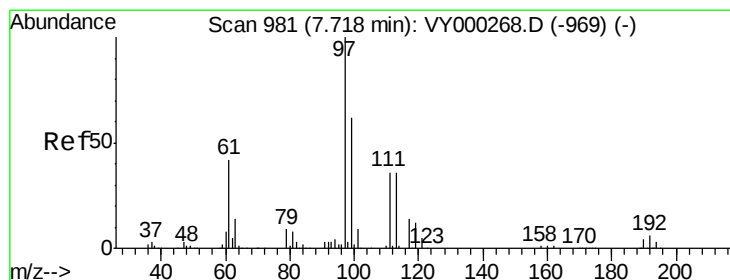
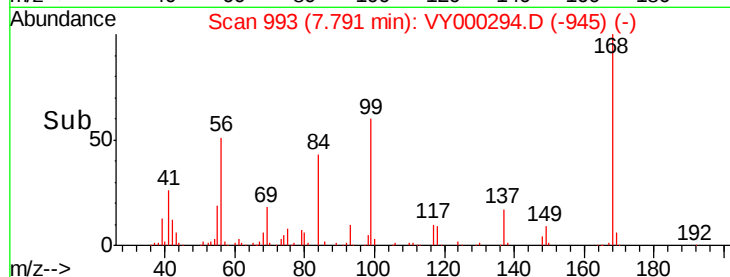
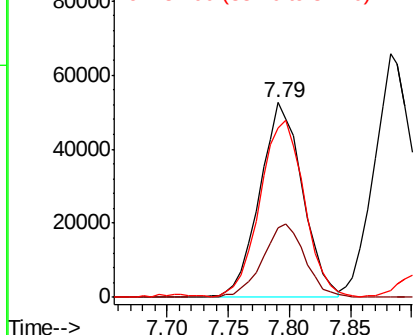
#31
Cyclohexane
Concen: 20.364 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.01 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 56 Resp: 128175
Ion Ratio Lower Upper
56 100
69 35.4 26.3 39.5
84 86.1 70.8 106.2

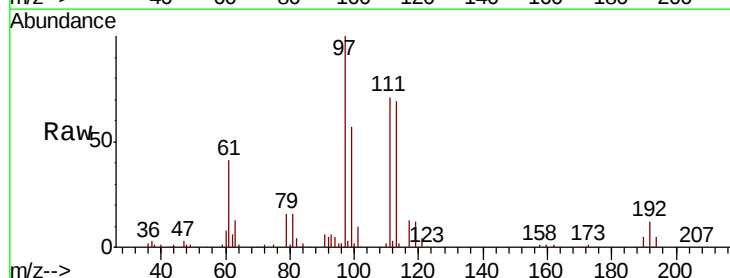


Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0

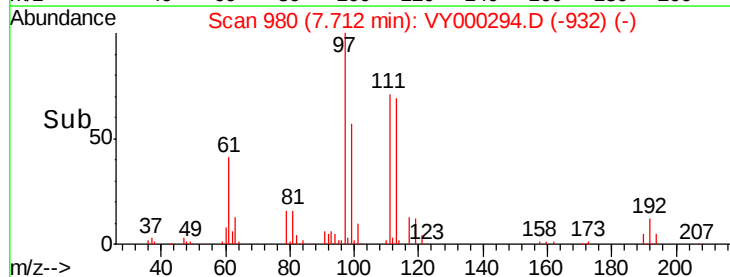
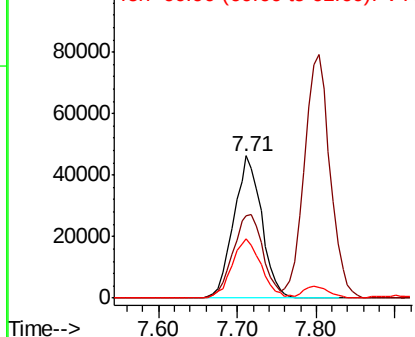


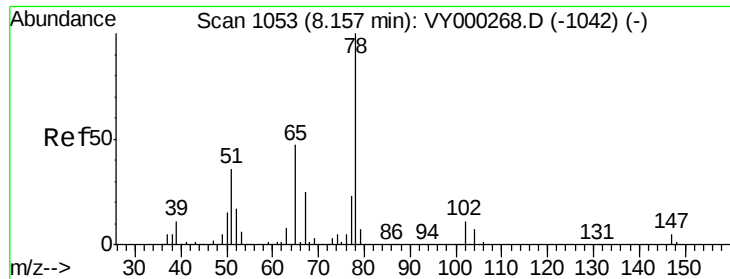
#32
1,1,1-Trichloroethane
Concen: 21.203 ug/l
RT: 7.71 min Scan# 980
Delta R.T. -0.01 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Tgt Ion: 97 Resp: 114402
Ion Ratio Lower Upper
97 100
99 62.6 51.7 77.5
61 43.5 34.5 51.7



Abundance Ion 96.90 (96.60 to 97.60): VY0
Ion 98.90 (98.60 to 99.60): VY0
Ion 60.90 (60.60 to 61.60): VY0

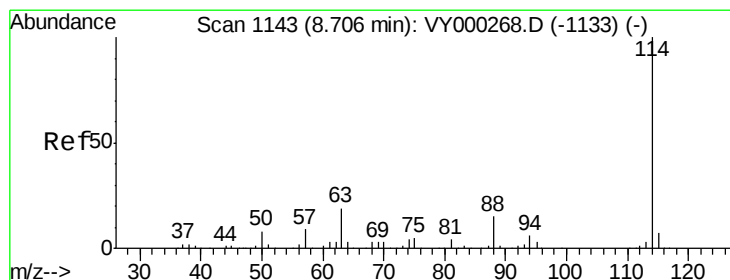
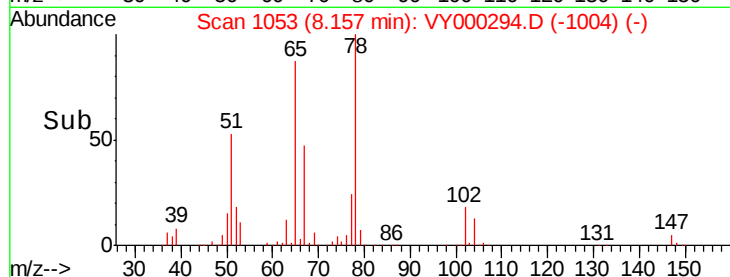
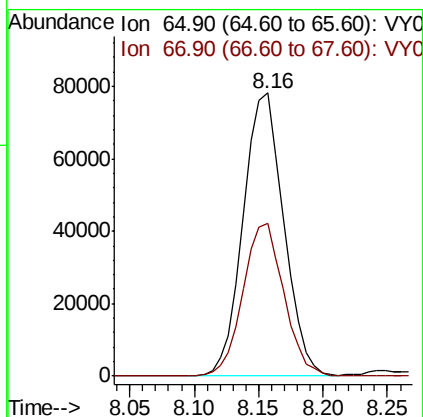
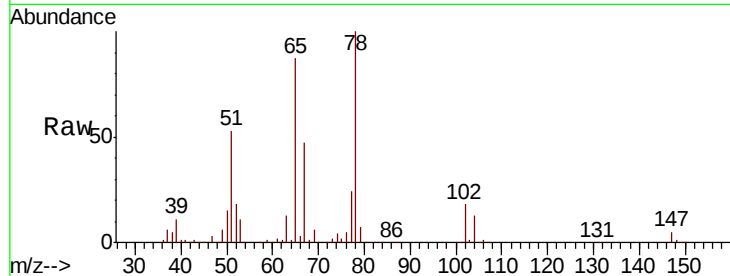




#33
 1,2-Dichloroethane-d4
 Concen: 51.914 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VY000294.D
 Acq: 14 Oct 2019 13:17

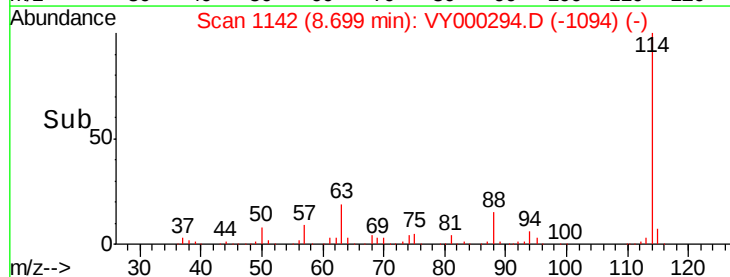
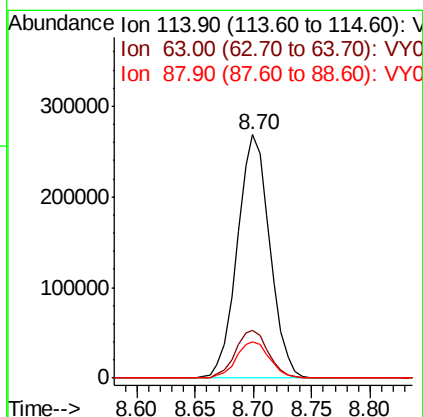
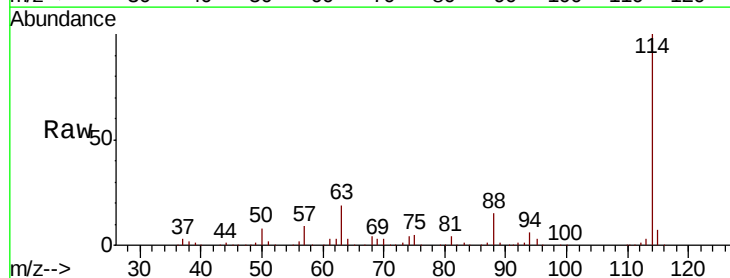
Instrument :
 MSVOA_Y
 ClientSampled :

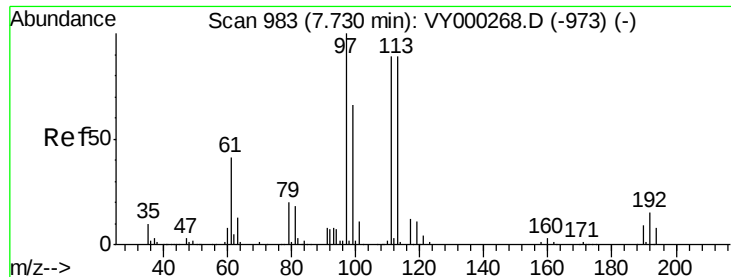
Tot Ion: 65 Resp: 170795
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000294.D
 Acq: 14 Oct 2019 13:17

Tgt Ion: 114 Resp: 522221
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 37.2
 88 14.7 0.0 30.2





#35

Dibromofluoromethane

Concen: 48.678 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.00 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

Instrument :
MSVOA_Y
ClientSampled :

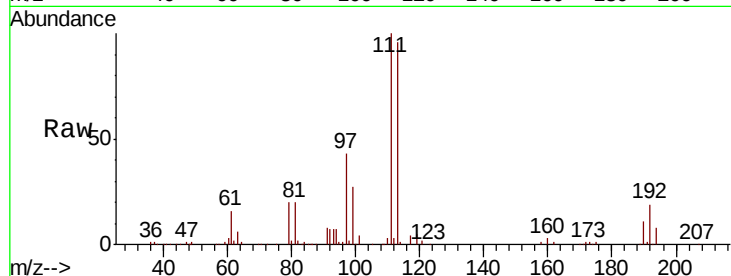
Tot Ion:113 Resp: 153340

Ion Ratio Lower Upper

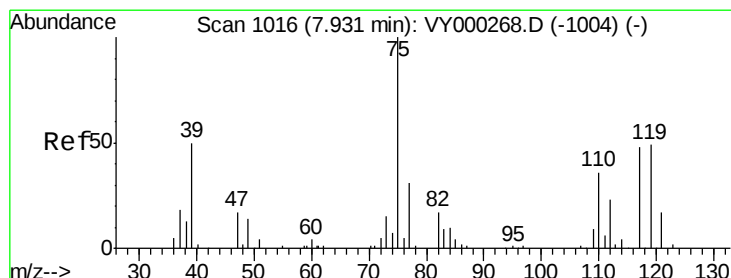
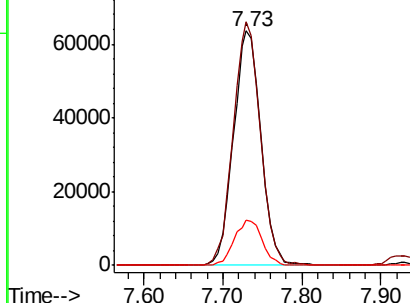
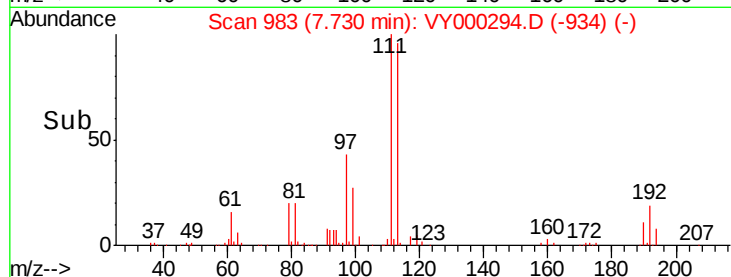
113 100

111 102.9 81.6 122.4

192 19.8 15.3 22.9



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



#36

1,1-Dichloropropene

Concen: 20.089 ug/l

RT: 7.93 min Scan# 1016

Delta R.T. -0.00 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

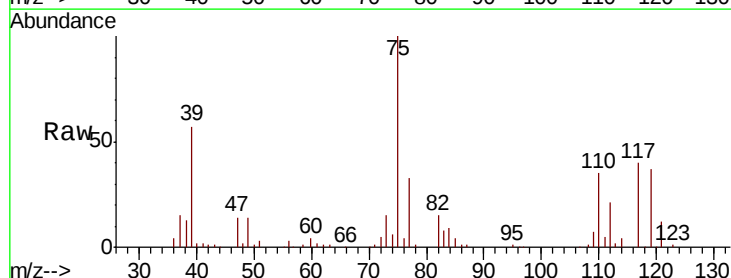
Tgt Ion: 75 Resp: 102714

Ion Ratio Lower Upper

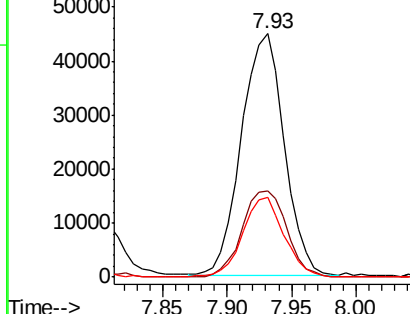
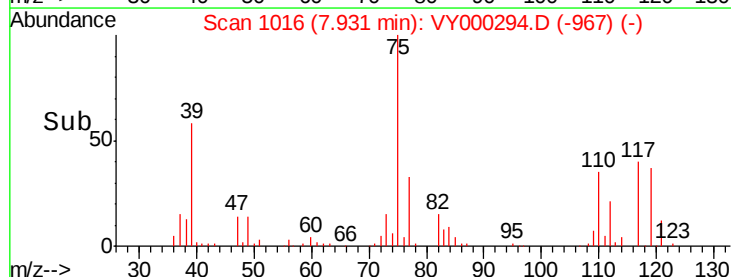
75 100

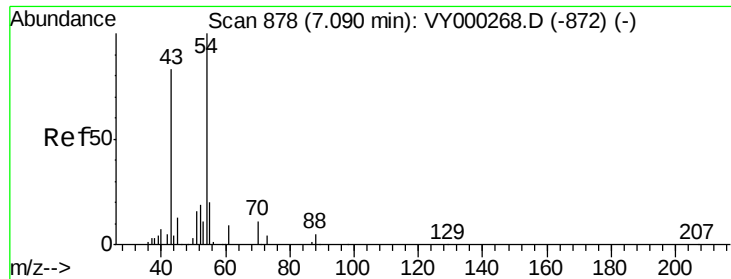
110 37.2 18.4 55.4

77 31.9 25.0 37.6



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

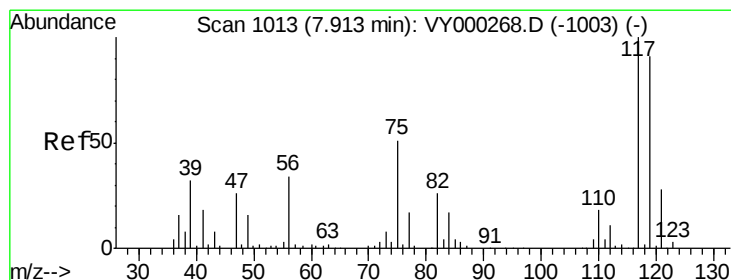
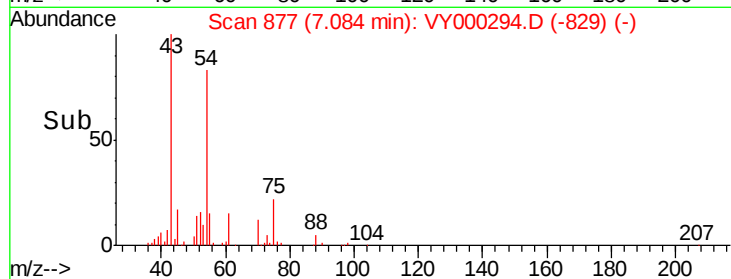
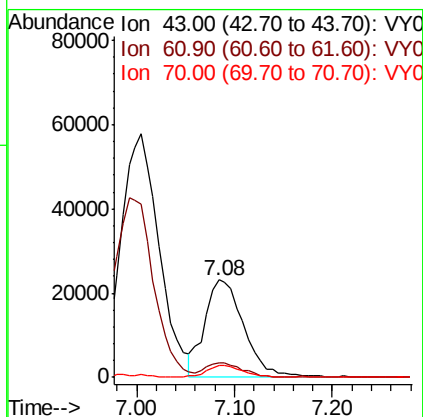
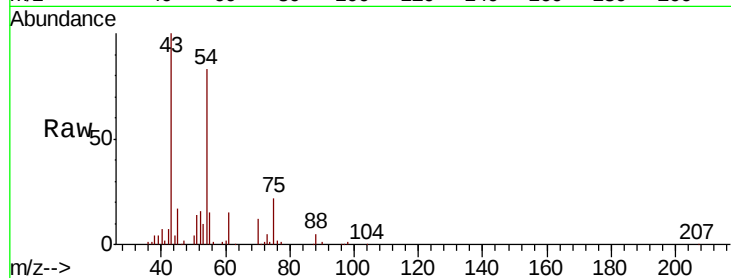




#37
Ethyl Acetate
Concen: 20.904 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

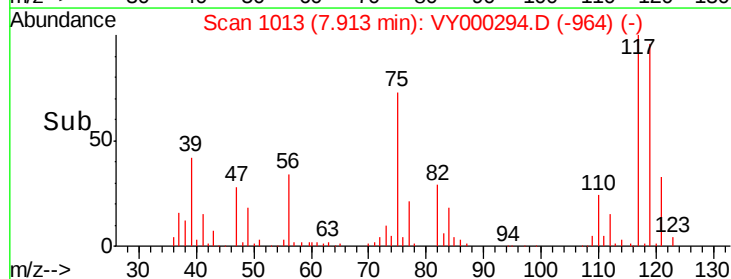
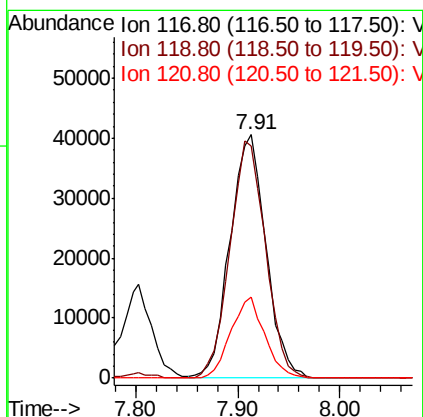
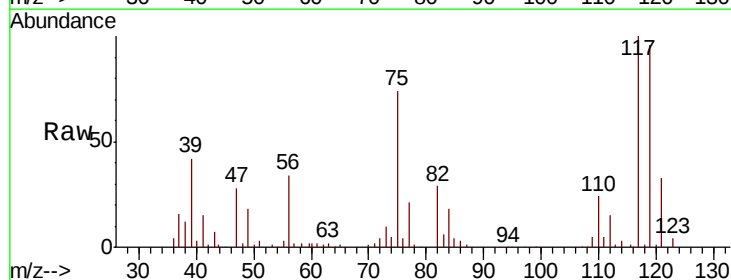
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 63285
Ion Ratio Lower Upper
43 100
61 14.4 12.1 18.1
70 11.2 8.7 13.1



#38
Carbon Tetrachloride
Concen: 20.050 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Tgt Ion: 117 Resp: 99259
Ion Ratio Lower Upper
117 100
119 95.5 72.8 109.2
121 33.0 22.2 33.2

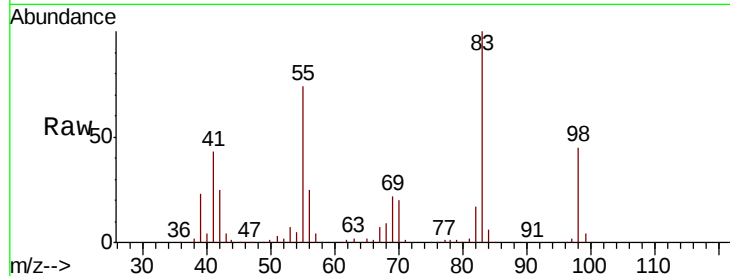




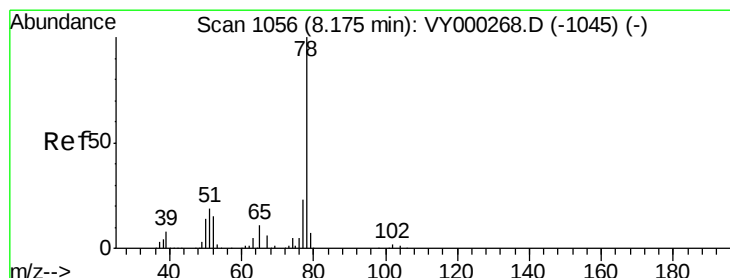
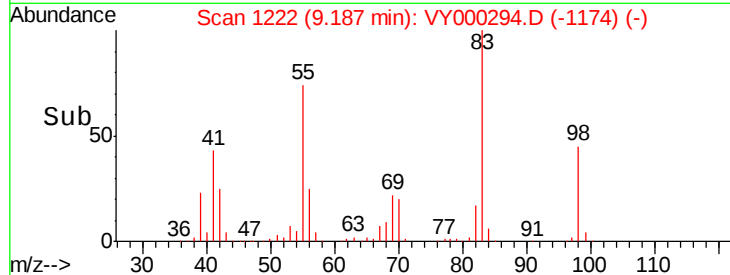
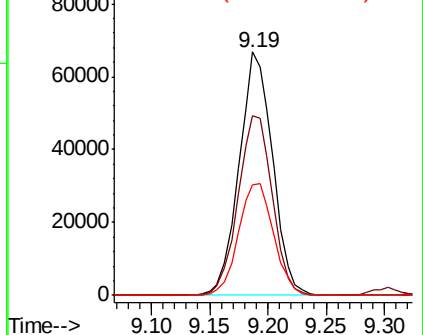
#39
Methylcyclohexane
Concen: 20.005 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.01 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 133871
Ion Ratio Lower Upper
83 100
55 73.6 60.9 91.3
98 45.4 41.8 62.6

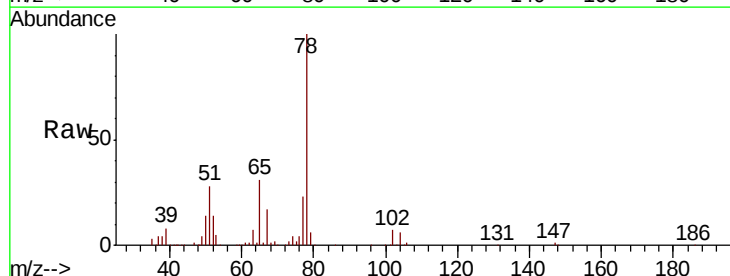


Abundance Ion 83.00 (82.70 to 83.70): VY0
Ion 55.00 (54.70 to 55.70): VY0
Ion 98.00 (97.70 to 98.70): VY0

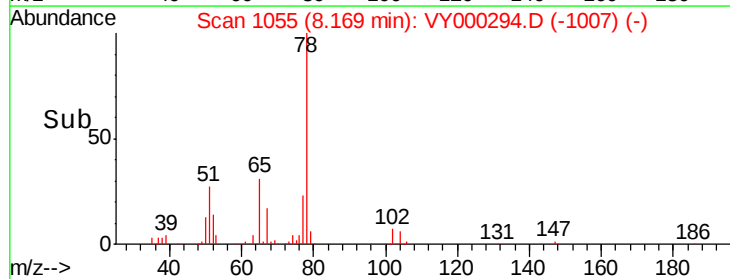
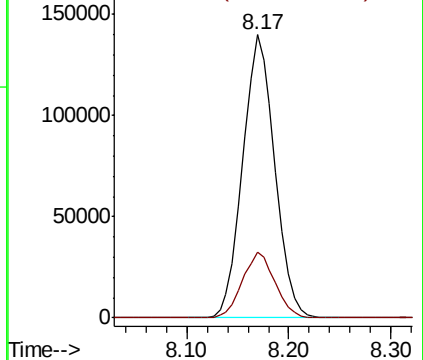


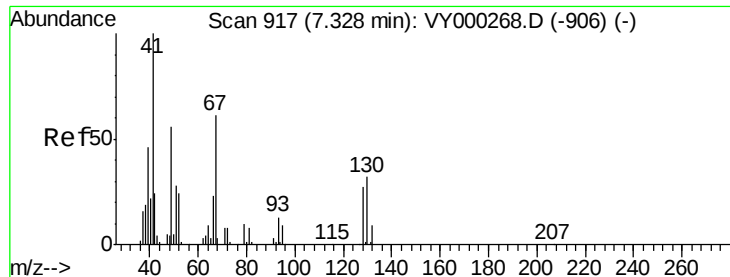
#40
Benzene
Concen: 20.658 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Tgt Ion: 78 Resp: 305235
Ion Ratio Lower Upper
78 100
77 23.4 18.8 28.2



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

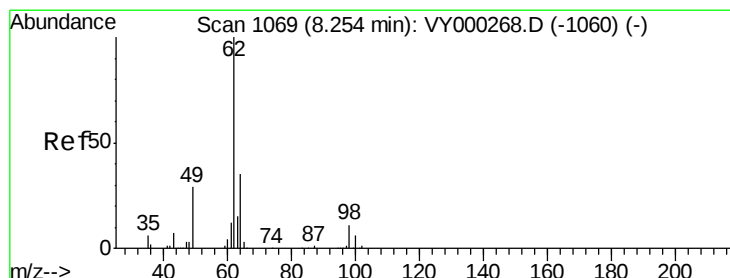
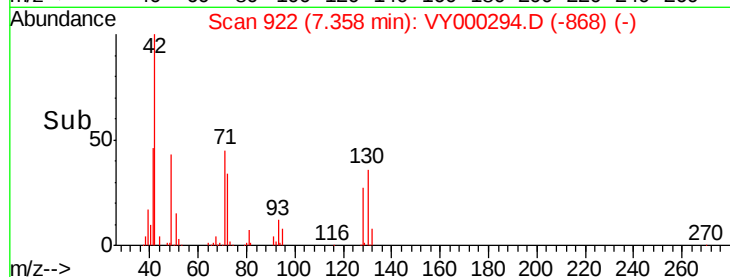
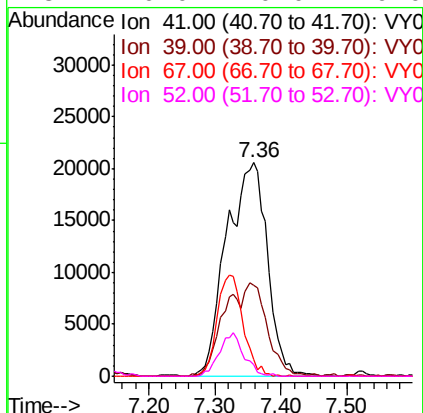
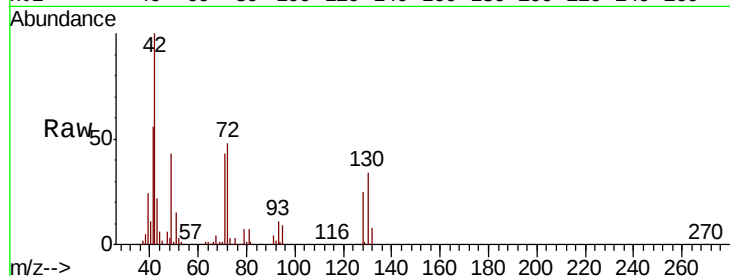




#41
Methacrylonitrile
Concen: 60.840 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.03 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

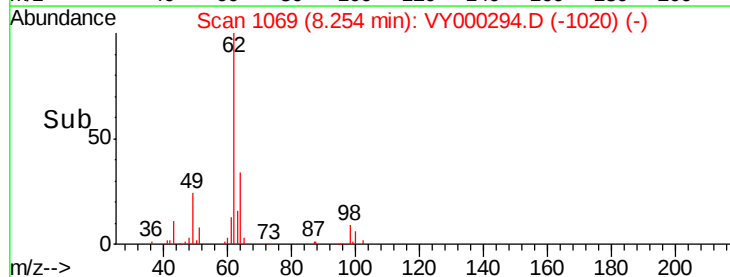
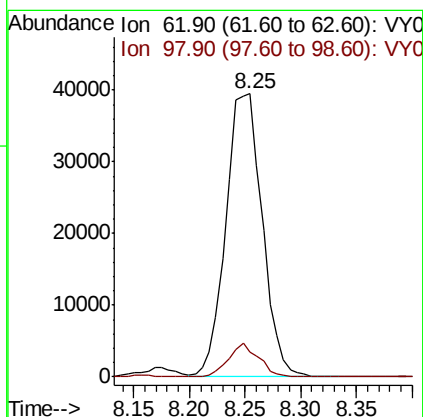
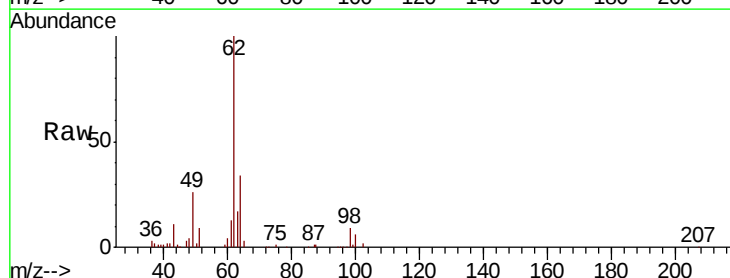
Instrument :
MSVOA_Y
ClientSampled :

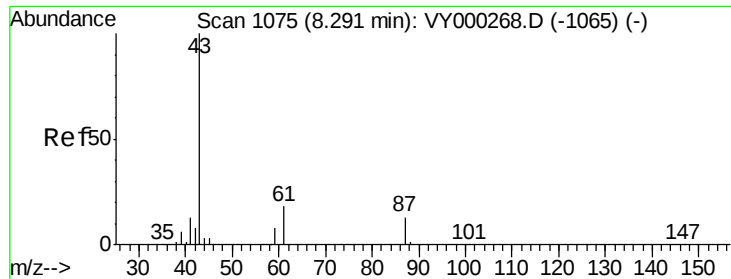
Tot Ion: 41 Resp: 87675
Ion Ratio Lower Upper
41 100
39 24.4 110.2 165.2#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 21.233 ug/l
RT: 8.25 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Tgt Ion: 62 Resp: 89615
Ion Ratio Lower Upper
62 100
98 9.9 0.0 20.6





#43

Isopropyl Acetate

Concen: 20.774 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

Instrument :

MSVOA_Y

ClientSampleId :

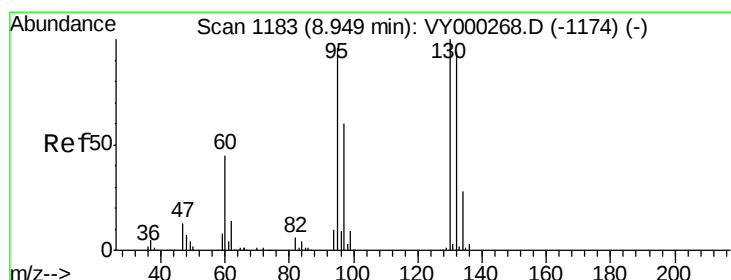
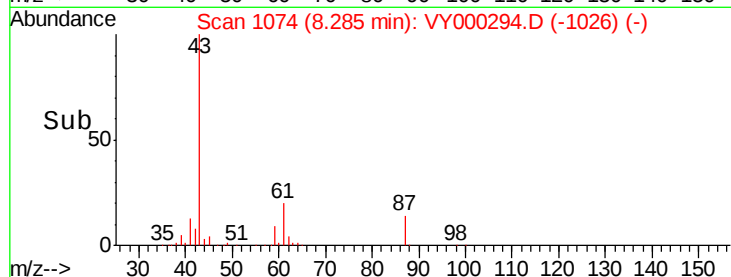
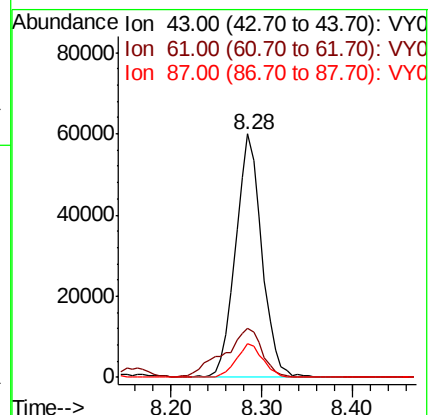
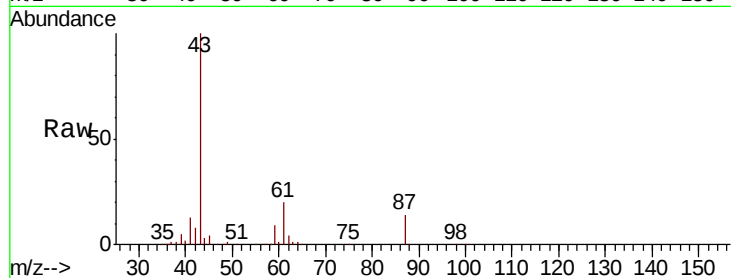
Tot Ion: 43 Resp: 119581

Ion Ratio Lower Upper

43 100

61 29.4 22.3 33.5

87 13.9 10.9 16.3



#44

Trichloroethene

Concen: 19.991 ug/l

RT: 8.95 min Scan# 1183

Delta R.T. -0.00 min

Lab File: VY000294.D

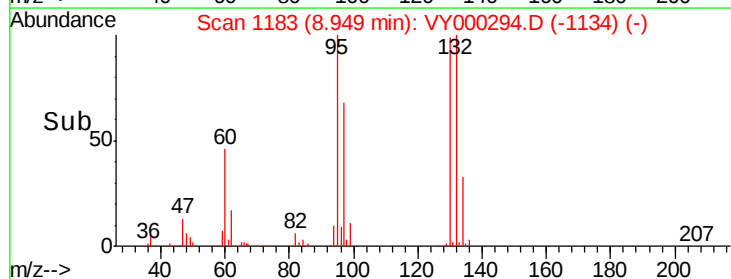
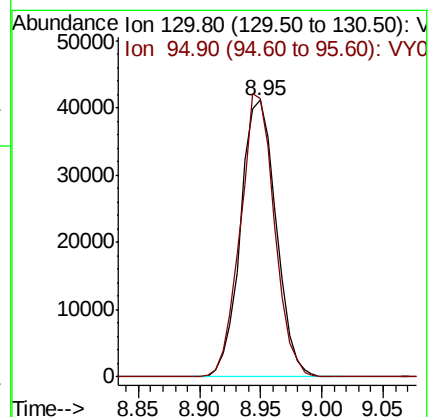
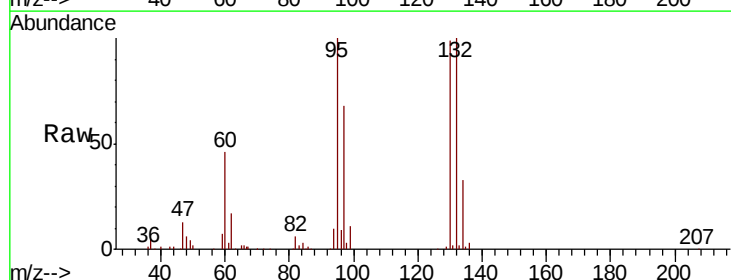
Acq: 14 Oct 2019 13:17

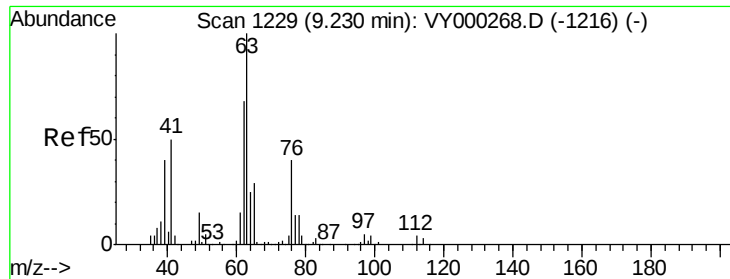
Tgt Ion:130 Resp: 82879

Ion Ratio Lower Upper

130 100

95 100.8 0.0 191.4

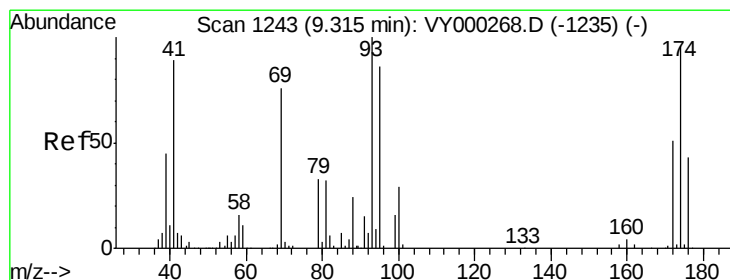
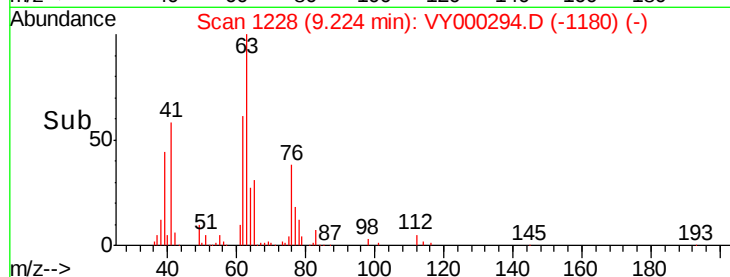
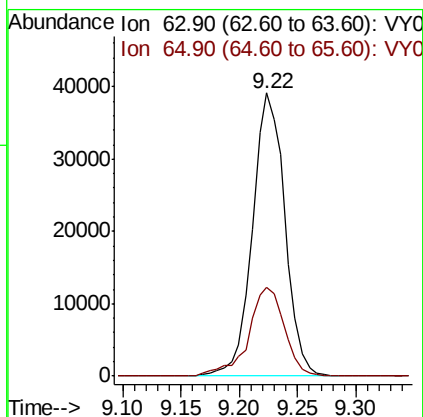
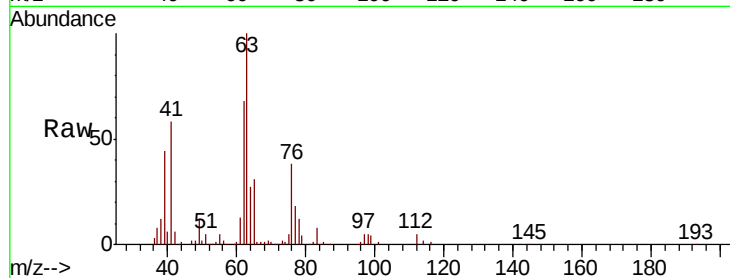




#45
 1,2-Dichloropropane
 Concen: 20.983 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY000294.D
 Acq: 14 Oct 2019 13:17

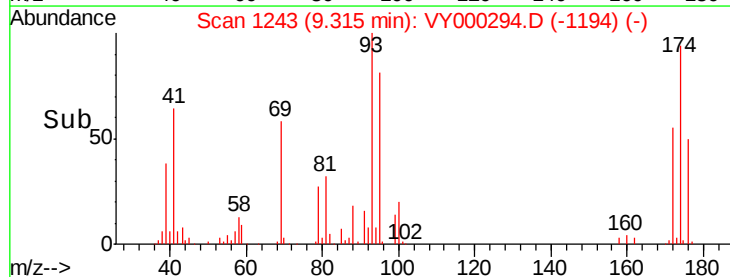
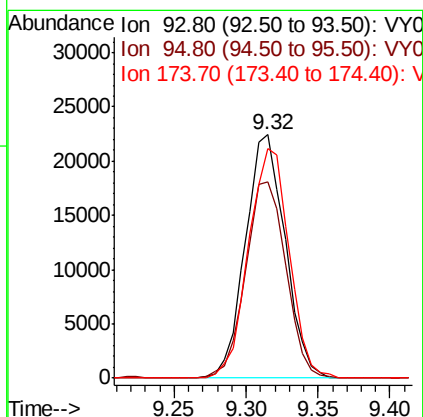
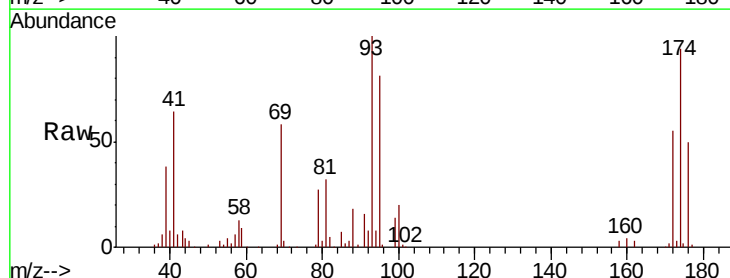
Instrument :
 MSVOA_Y
 ClientSampleId :

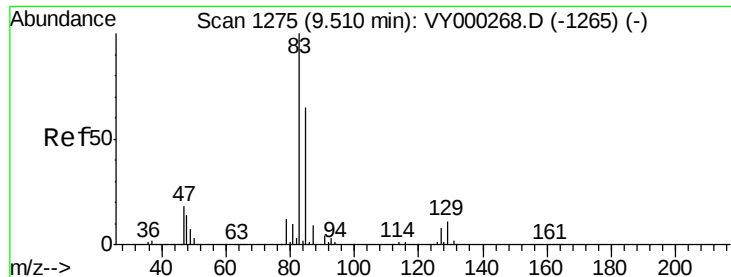
Tot Ion: 63 Resp: 76085
 Ion Ratio Lower Upper
 63 100
 65 31.2 23.2 34.8



#46
 Dibromomethane
 Concen: 21.166 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: VY000294.D
 Acq: 14 Oct 2019 13:17

Tgt Ion: 93 Resp: 42903
 Ion Ratio Lower Upper
 93 100
 95 81.8 68.2 102.2
 174 96.0 79.8 119.6

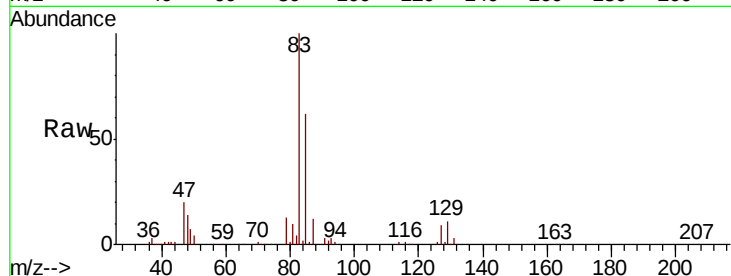




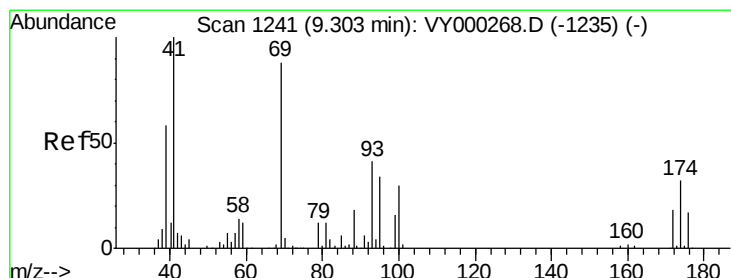
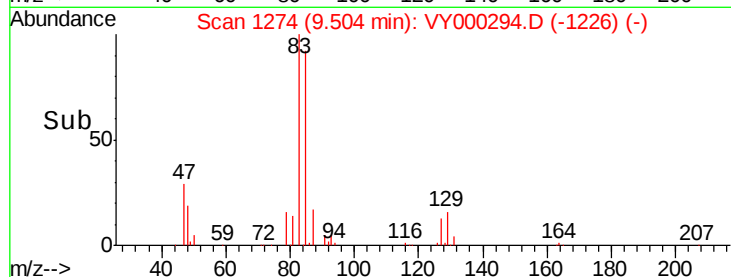
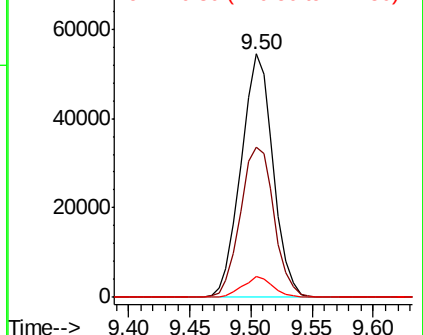
#47
Bromodichloromethane
Concen: 20.736 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 83 Resp: 99058
Ion Ratio Lower Upper
83 100
85 61.9 52.2 78.2
127 8.9 6.3 9.5

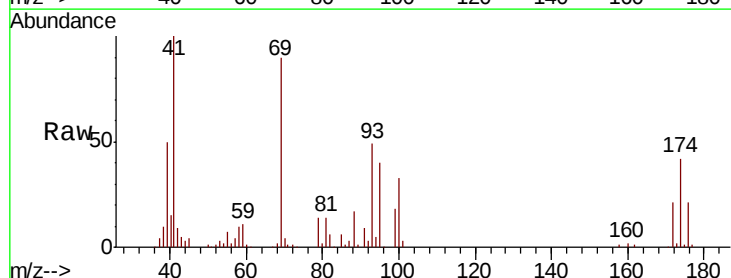


Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): VY0

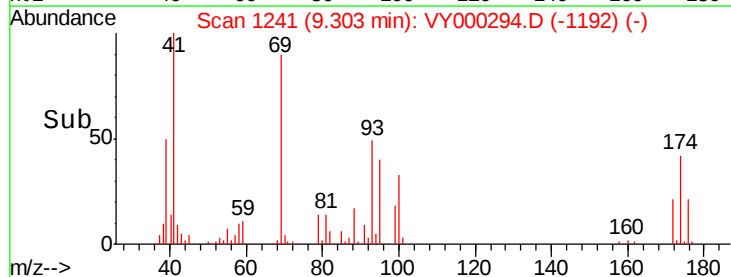
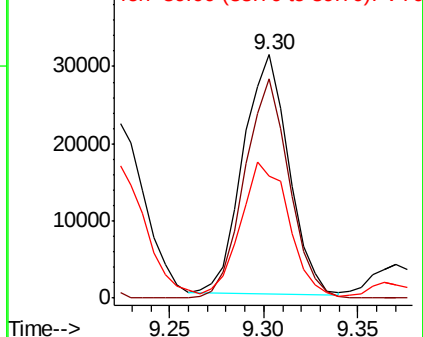


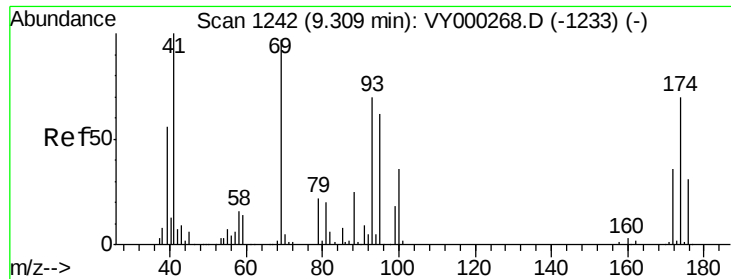
#48
Methyl methacrylate
Concen: 20.762 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Tgt Ion: 41 Resp: 52377
Ion Ratio Lower Upper
41 100
69 89.5 70.0 105.0
39 60.6 47.7 71.5



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





#49

1,4-Dioxane

Concen: 401.089 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. -0.00 min

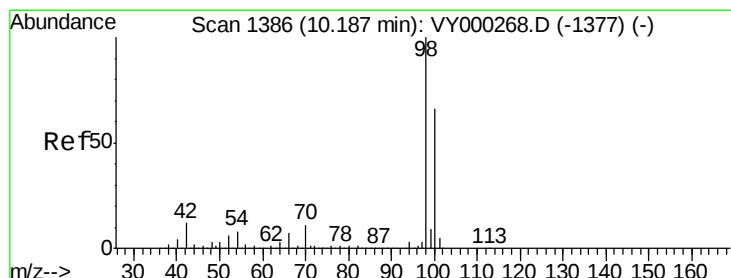
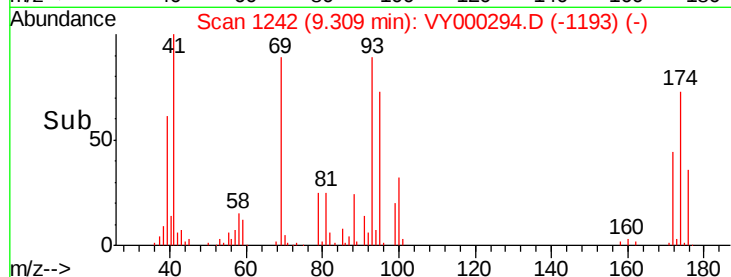
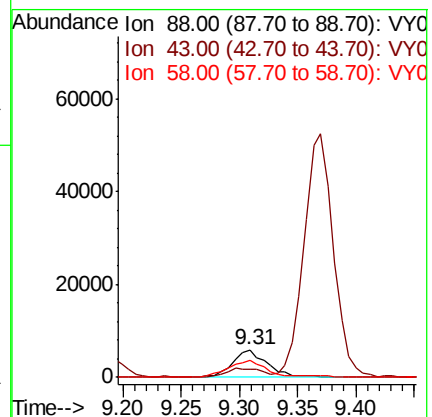
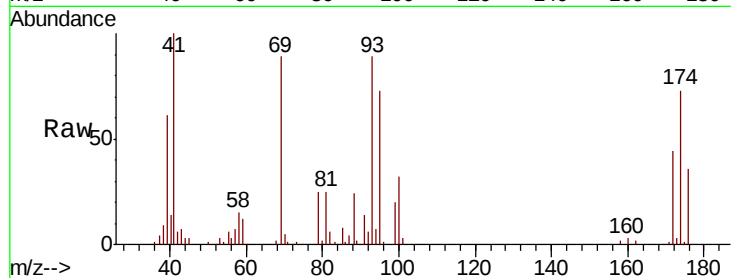
Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 88 Resp: 12190

Ion	Ratio	Lower	Upper
88	100		
43	34.4	25.6	38.4
58	66.7	54.6	81.8



#50

Toluene-d8

Concen: 51.446 ug/l

RT: 10.19 min Scan# 1386

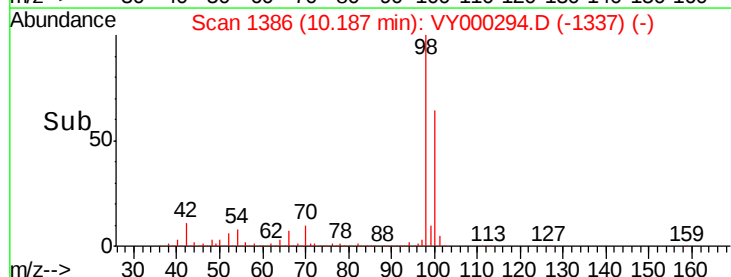
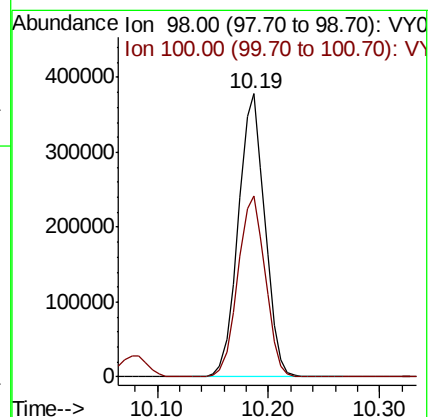
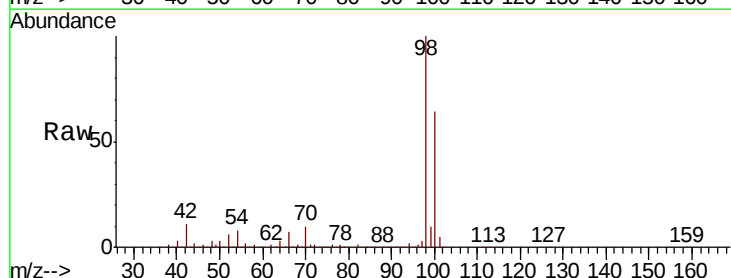
Delta R.T. -0.00 min

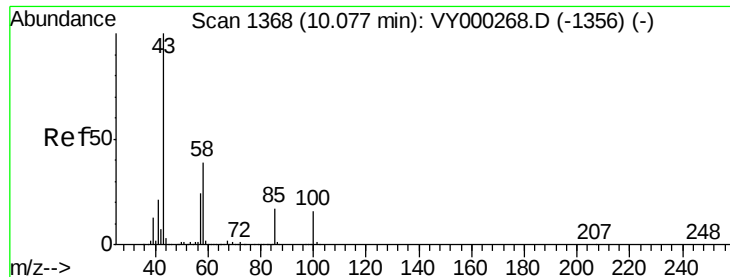
Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

Tgt Ion: 98 Resp: 623398

Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.8	79.2

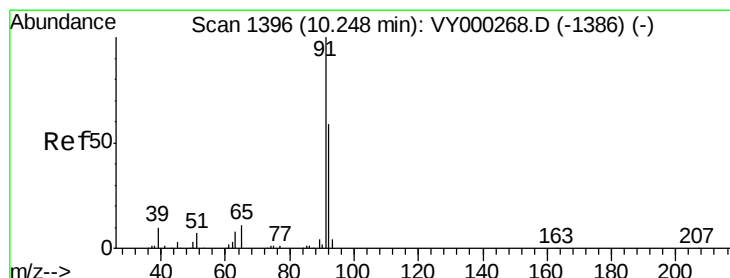
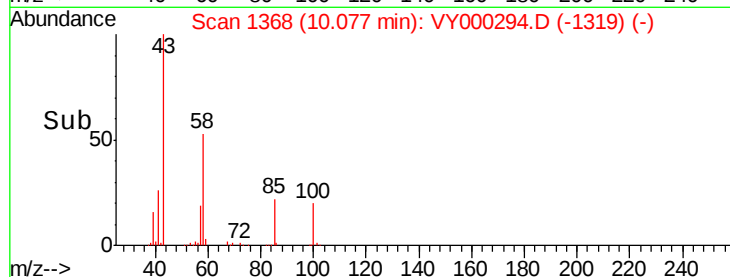
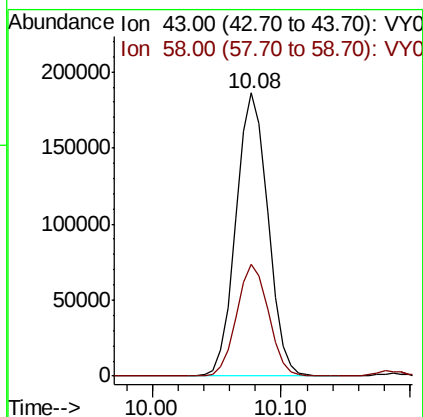
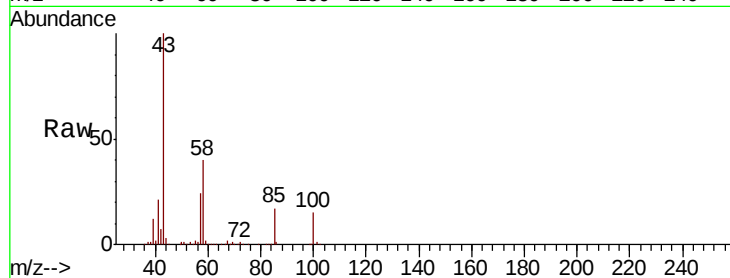




#51
4-Methyl-2-Pentanone
Concen: 107.694 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

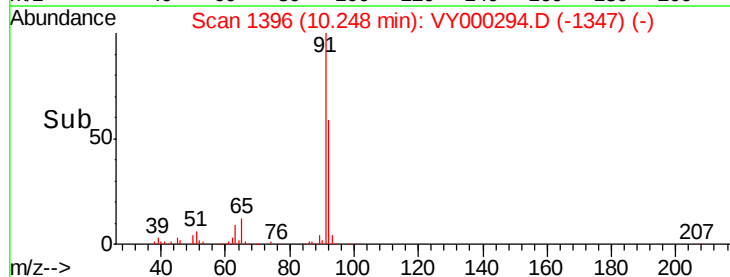
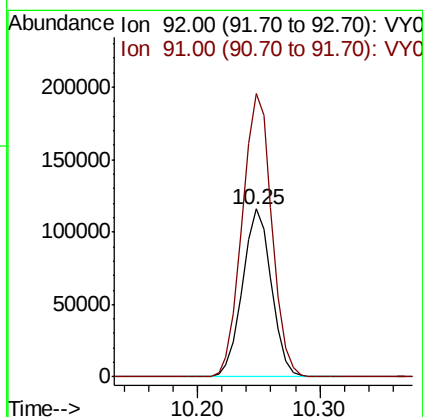
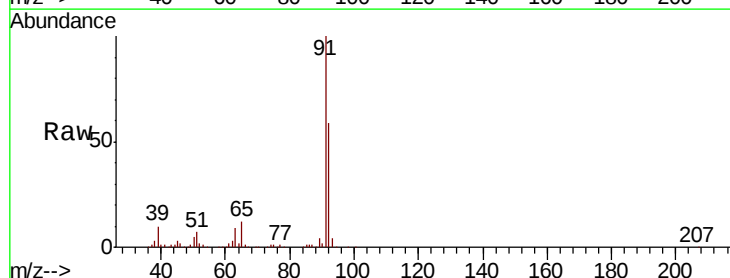
Instrument :
MSVOA_Y
ClientSampled :

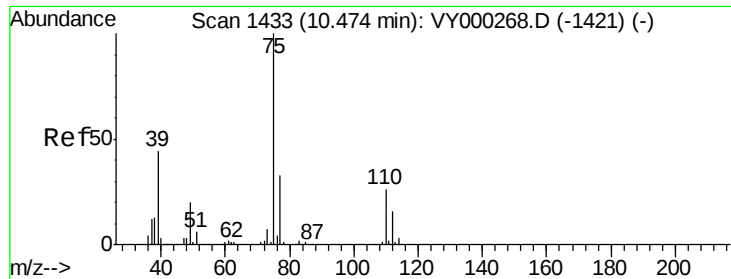
Tot Ion: 43 Resp: 319743
Ion Ratio Lower Upper
43 100
58 39.5 31.0 46.6



#52
Toluene
Concen: 20.362 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Tgt Ion: 92 Resp: 191013
Ion Ratio Lower Upper
92 100
91 172.1 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 21.265 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.01 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

Instrument :

MSVOA_Y

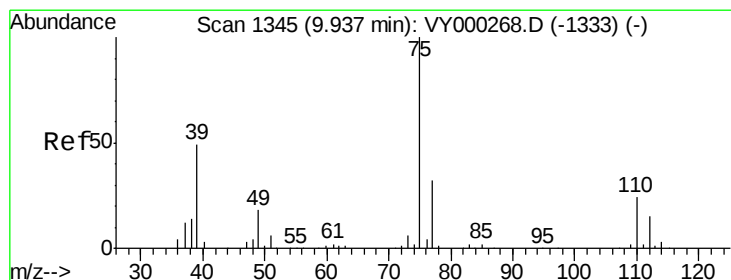
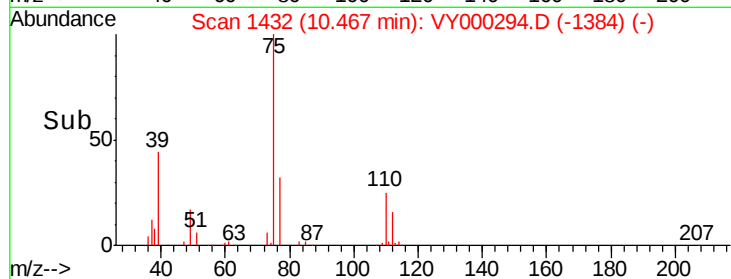
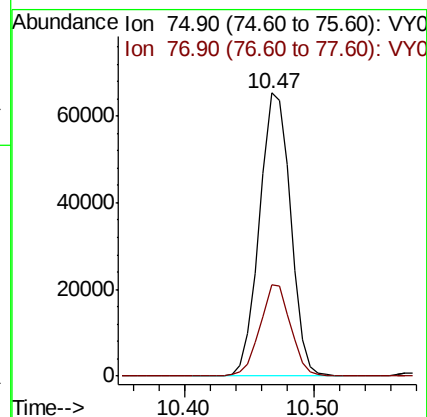
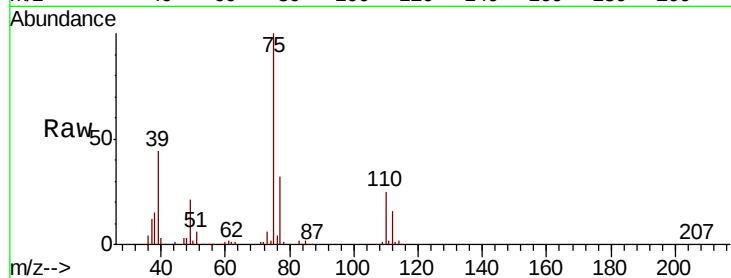
ClientSampleId :

Tot Ion: 75 Resp: 108869

Ion Ratio Lower Upper

75 100

77 32.1 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 21.225 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

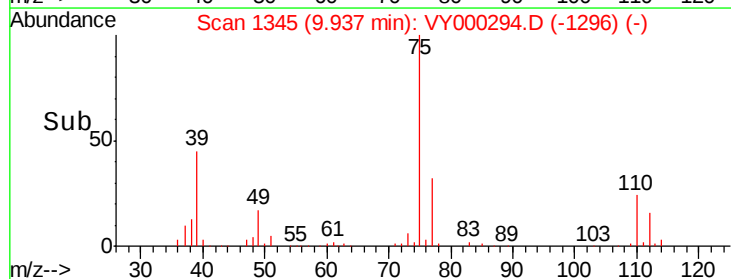
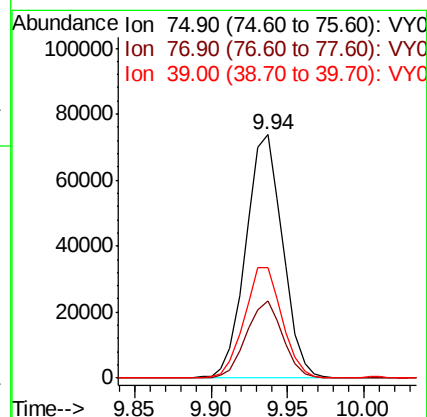
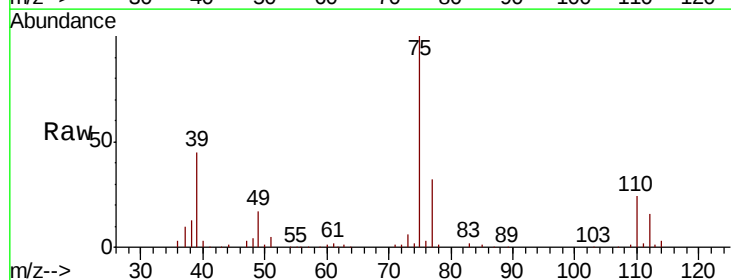
Tgt Ion: 75 Resp: 123399

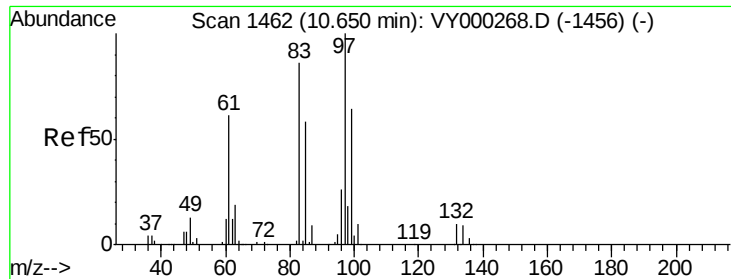
Ion Ratio Lower Upper

75 100

77 31.8 26.0 39.0

39 45.2 38.8 58.2

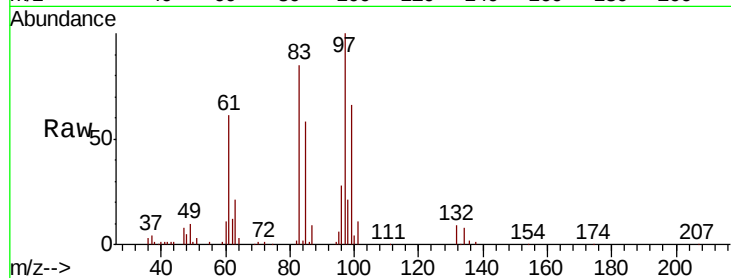




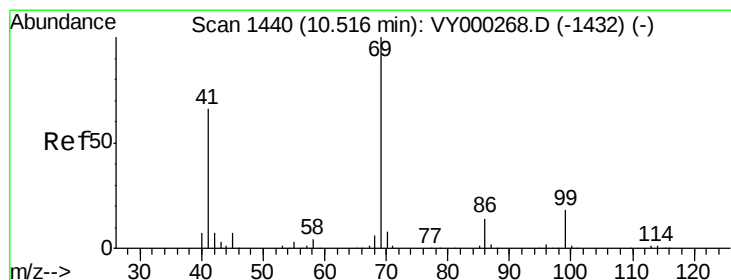
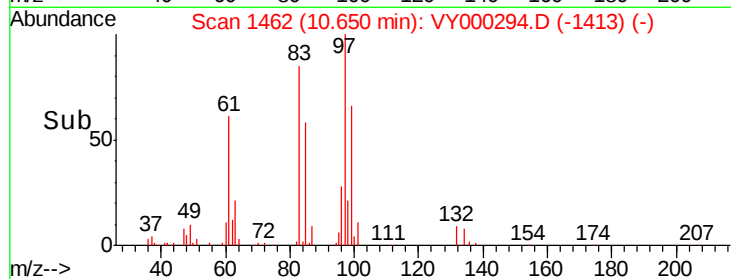
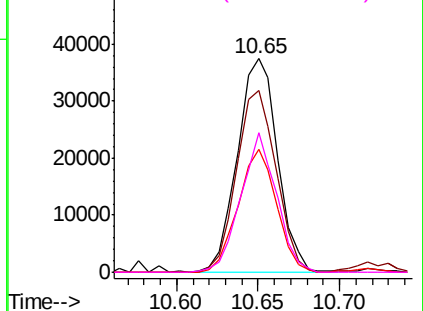
#55
 1,1,2-Trichloroethane
 Concen: 21.778 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: VY000294.D
 Acq: 14 Oct 2019 13:17

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion: 97 Resp: 64184
 Ion Ratio Lower Upper
 97 100
 83 85.4 69.0 103.6
 85 57.6 46.2 69.4
 99 65.6 51.1 76.7

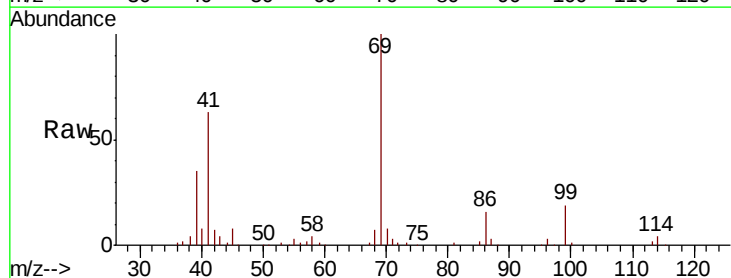


Abundance Ion 96.90 (96.60 to 97.60): VY0
 Ion 82.90 (82.60 to 83.60): VY0
 Ion 84.90 (84.60 to 85.60): VY0
 Ion 98.90 (98.60 to 99.60): VY0

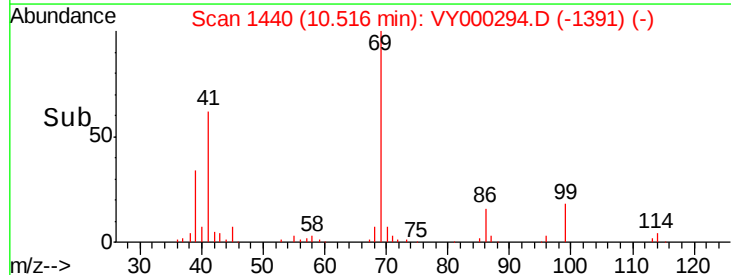
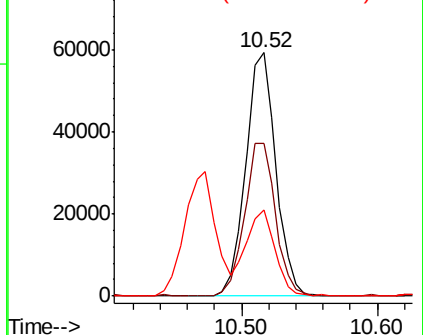


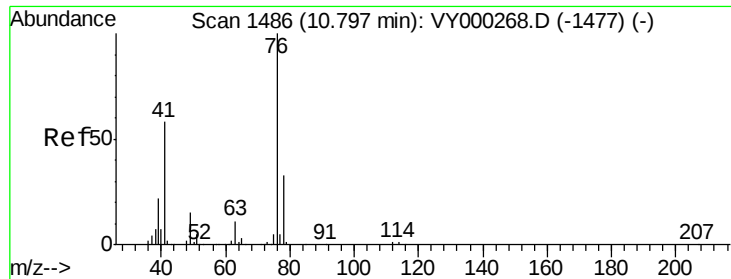
#56
 Ethyl methacrylate
 Concen: 21.915 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VY000294.D
 Acq: 14 Oct 2019 13:17

Tgt Ion: 69 Resp: 92062
 Ion Ratio Lower Upper
 69 100
 41 63.7 52.5 78.7
 39 34.8 26.7 40.1



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

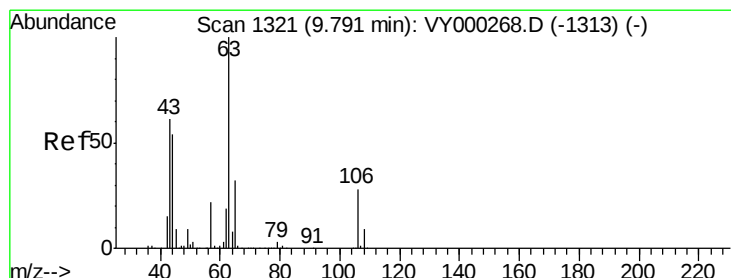
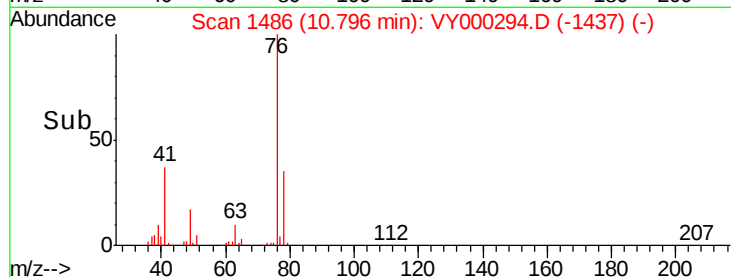
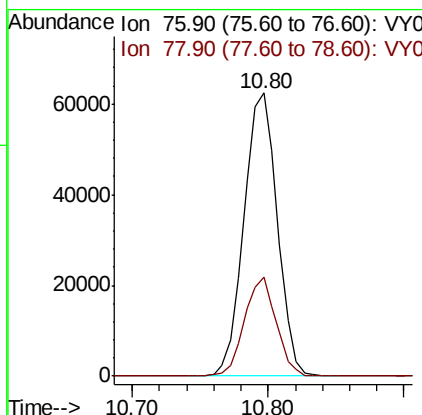
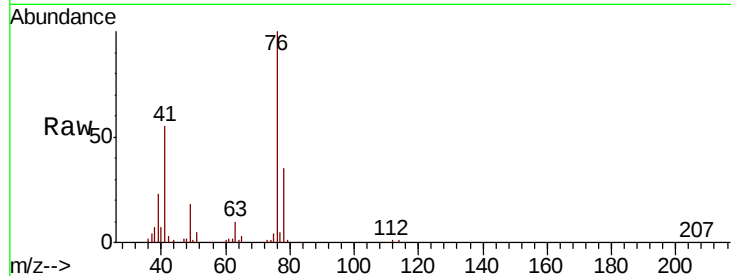




#57
 1,3-Dichloropropane
 Concen: 21.183 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VY000294.D
 Acq: 14 Oct 2019 13:17

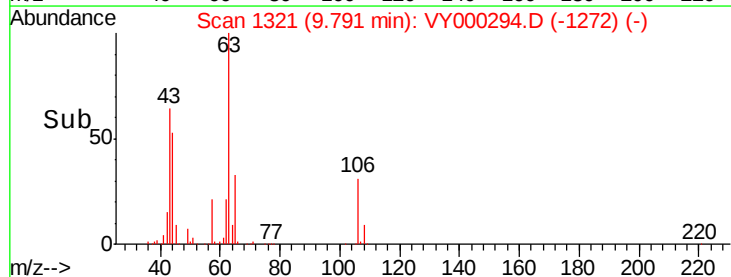
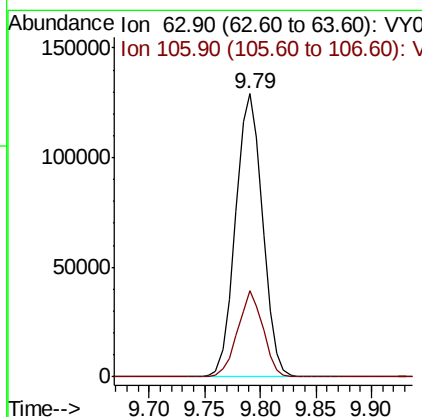
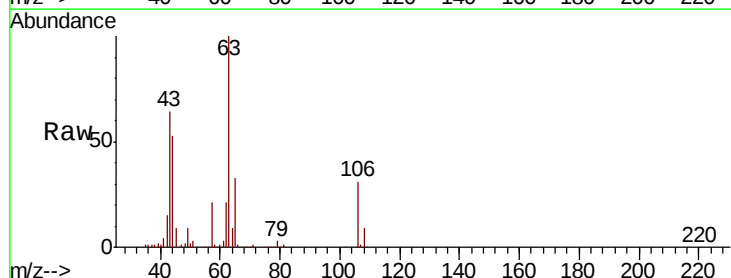
Instrument :
 MSVOA_Y
 ClientSampleId :

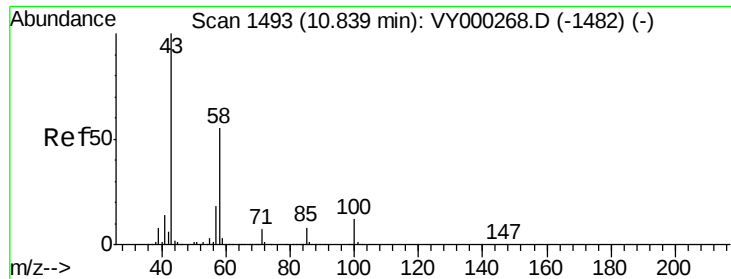
Tot Ion: 76 Resp: 107215
 Ion Ratio Lower Upper
 76 100
 78 33.0 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 129.339 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. -0.00 min
 Lab File: VY000294.D
 Acq: 14 Oct 2019 13:17

Tgt Ion: 63 Resp: 216716
 Ion Ratio Lower Upper
 63 100
 106 28.7 23.0 34.4

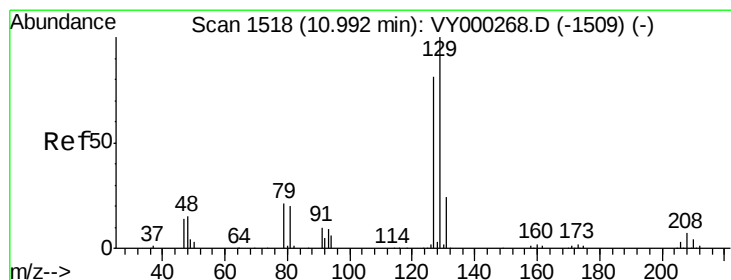
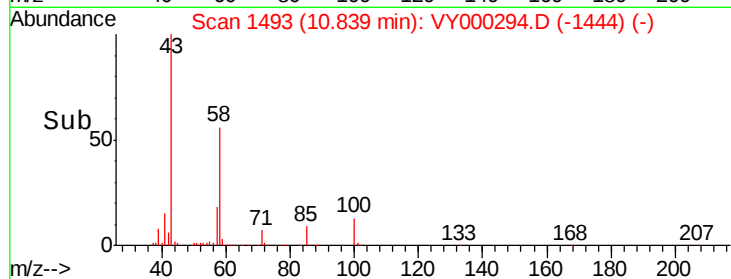
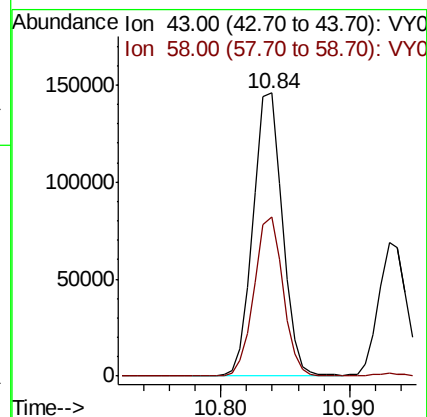
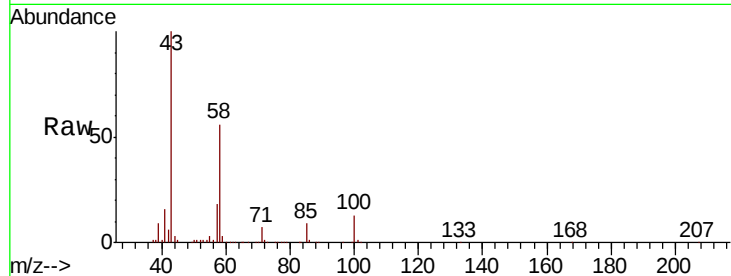




#59
2-Hexanone
Concen: 109.980 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

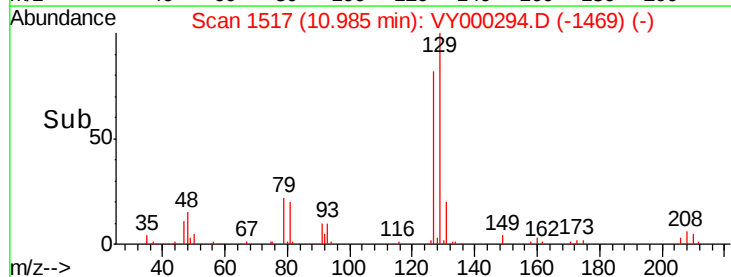
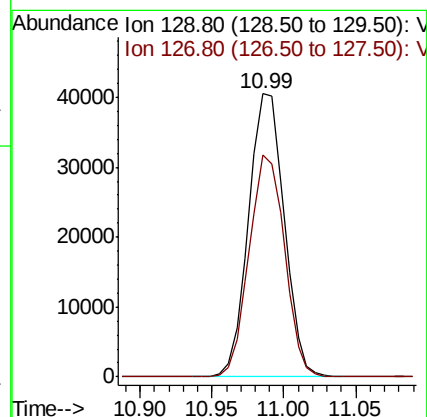
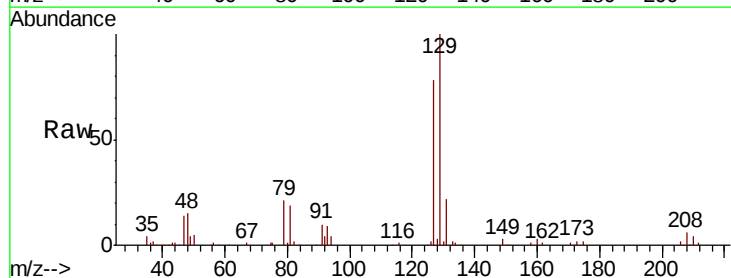
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 43 Resp: 229196
Ion Ratio Lower Upper
43 100
58 55.4 27.7 83.1



#60
Dibromochloromethane
Concen: 21.261 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.01 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Tgt Ion: 129 Resp: 69452
Ion Ratio Lower Upper
129 100
127 77.9 39.9 119.7

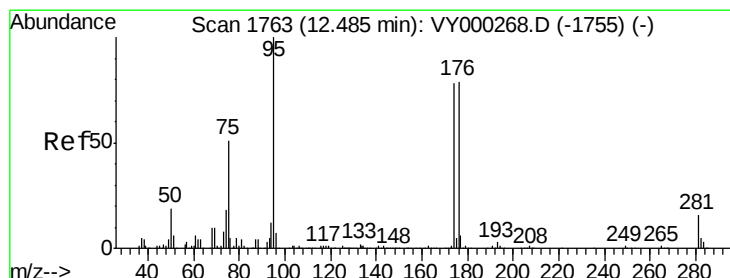
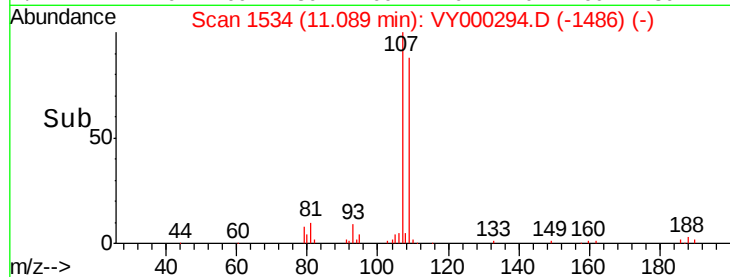
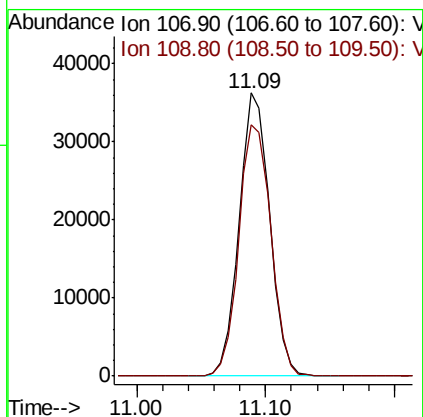
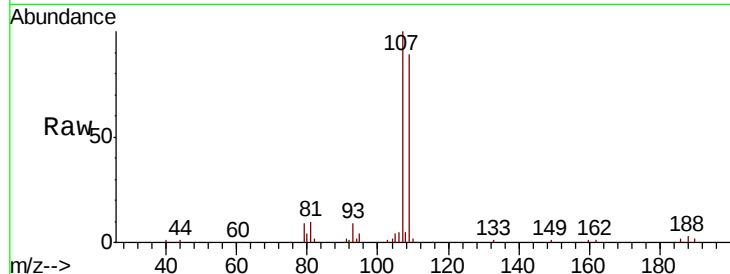




#61
 1,2-Dibromoethane
 Concen: 20.979 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY000294.D
 Acq: 14 Oct 2019 13:17

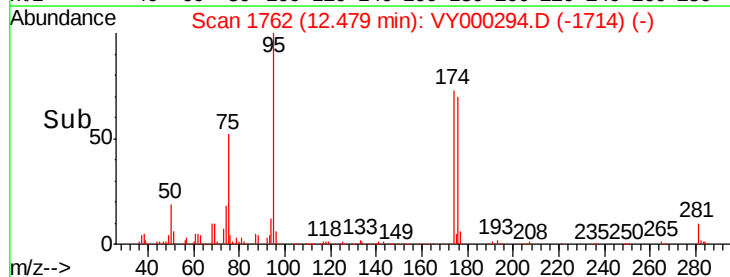
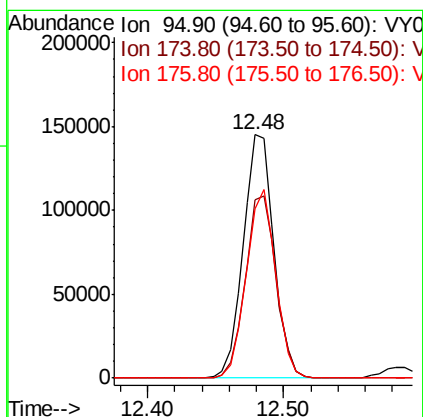
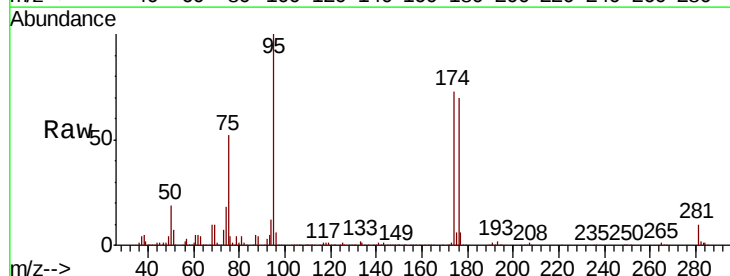
Instrument :
 MSVOA_Y
 ClientSampleId :

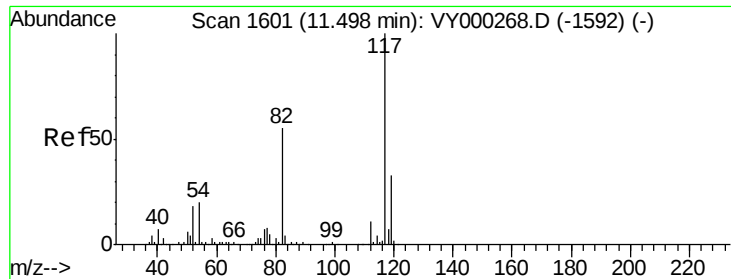
Tot Ion: 107 Resp: 59367
 Ion Ratio Lower Upper
 107 100
 109 93.0 75.1 112.7



#62
 4-Bromofluorobenzene
 Concen: 49.474 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY000294.D
 Acq: 14 Oct 2019 13:17

Tgt Ion: 95 Resp: 227758
 Ion Ratio Lower Upper
 95 100
 174 75.8 0.0 159.6
 176 75.2 0.0 153.8

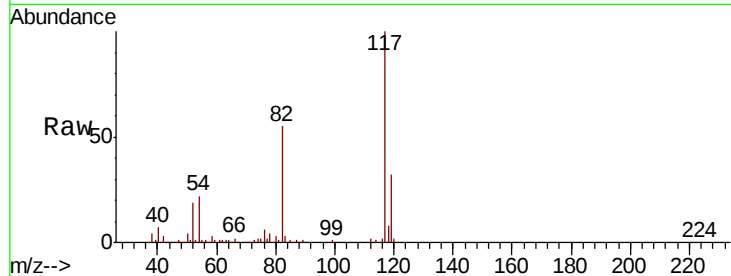




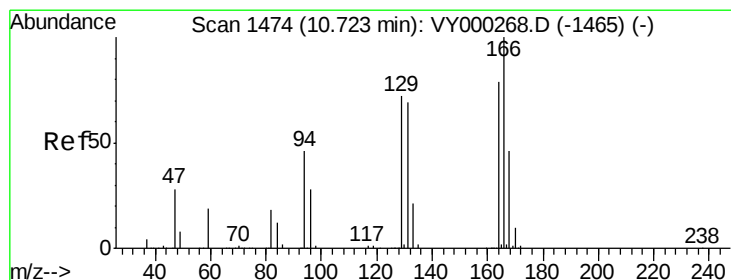
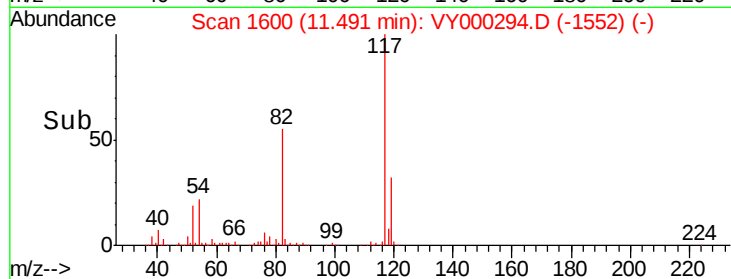
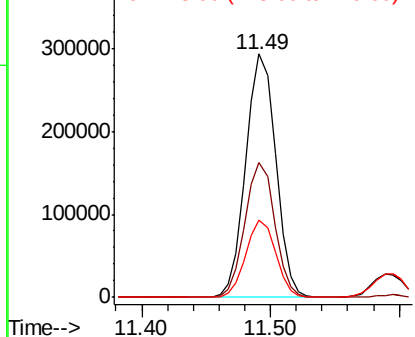
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 472203
Ion Ratio Lower Upper
117 100
82 55.3 43.7 65.5
119 31.9 26.6 39.8

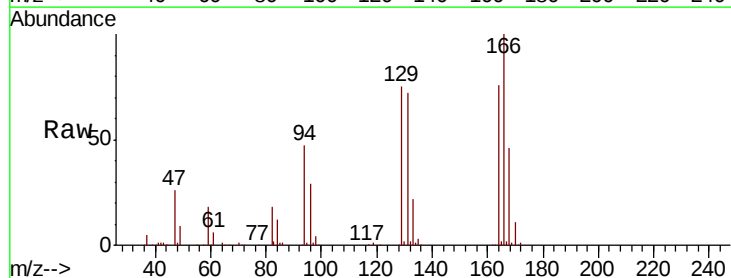


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

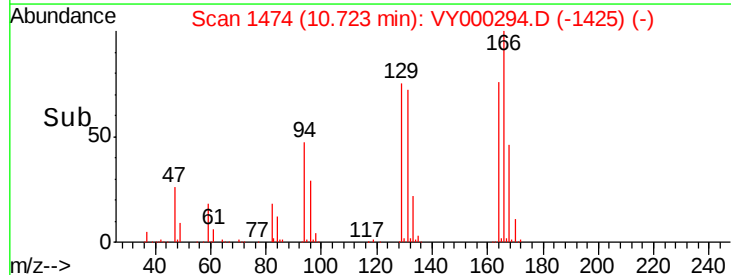
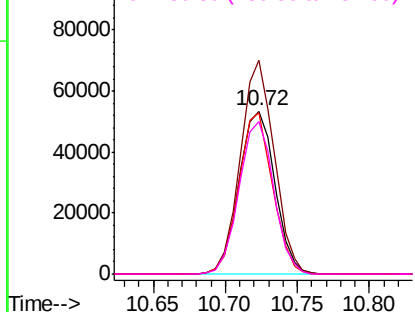


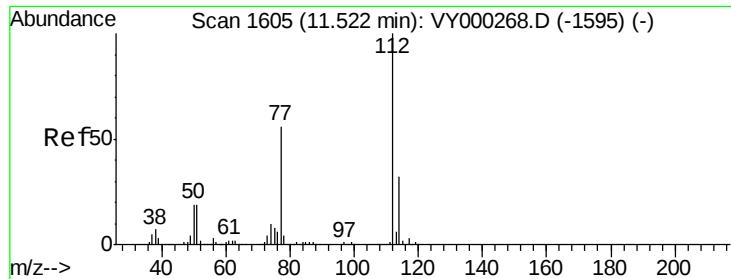
#64
Tetrachloroethene
Concen: 20.406 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Tgt Ion:164 Resp: 91736
Ion Ratio Lower Upper
164 100
166 131.2 100.6 151.0
129 99.0 72.8 109.2
131 93.9 69.4 104.2



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

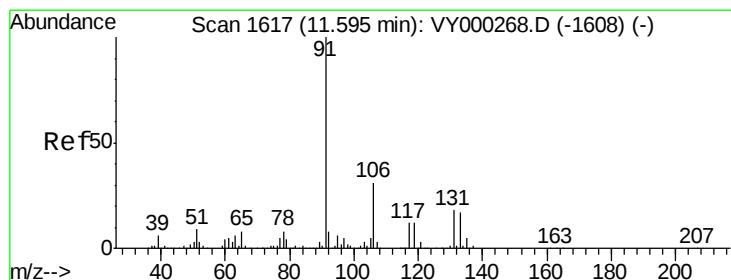
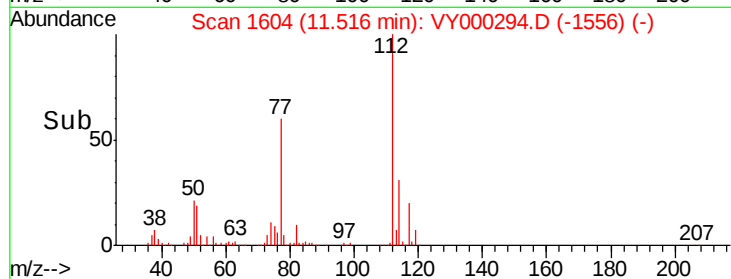
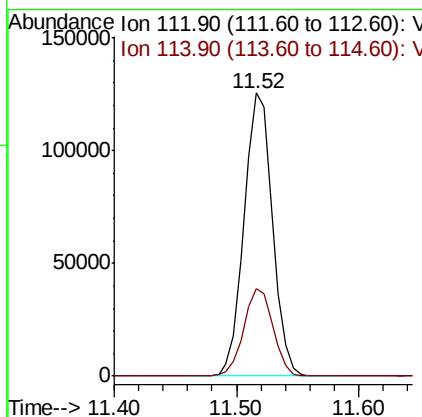
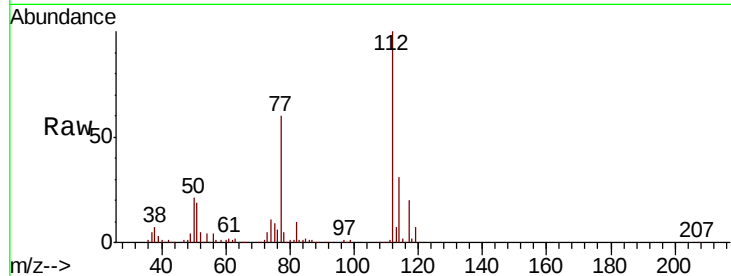




#65
Chlorobenzene
Concen: 20.373 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

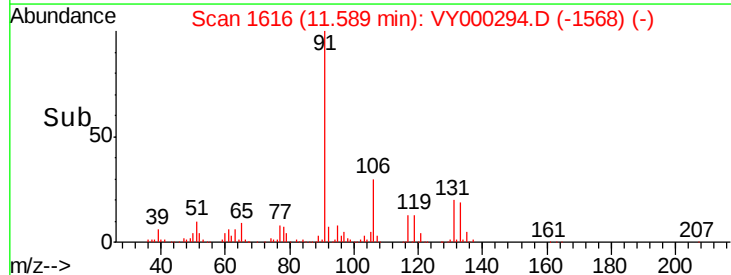
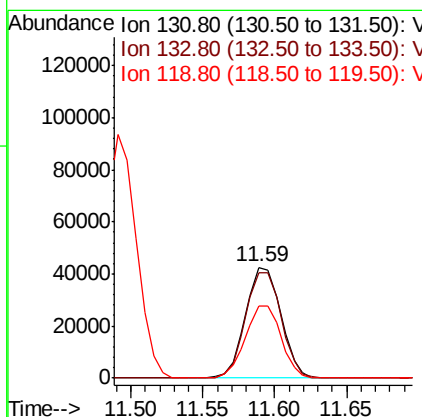
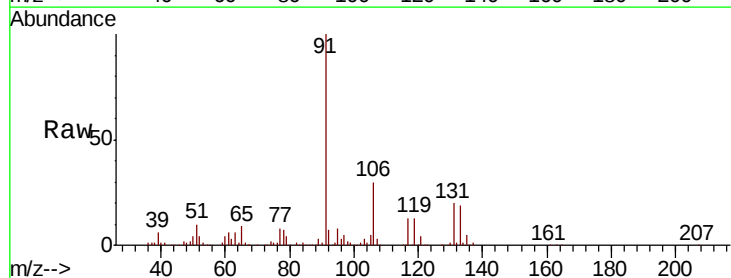
Instrument :
MSVOA_Y
ClientSampleId :

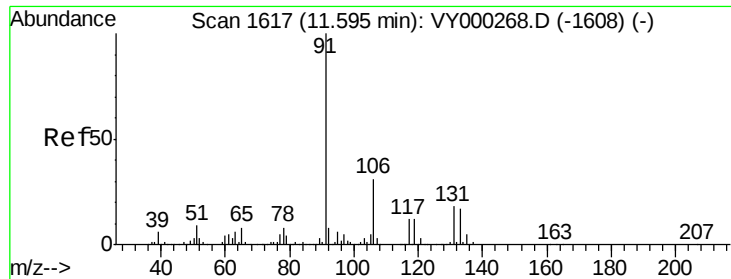
Tot Ion:112 Resp: 203025
Ion Ratio Lower Upper
112 100
114 30.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.701 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Tgt Ion:131 Resp: 72467
Ion Ratio Lower Upper
131 100
133 96.7 47.2 141.6
119 66.1 32.6 98.0

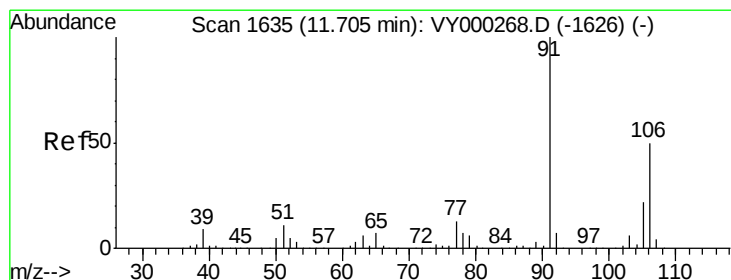
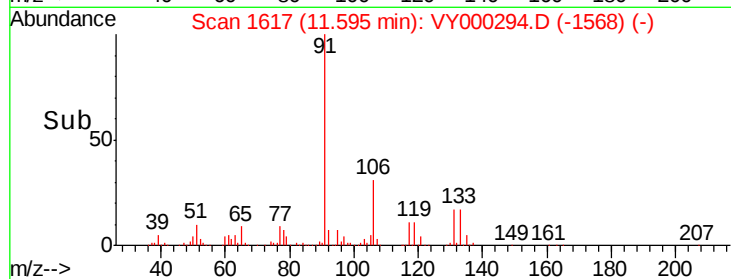
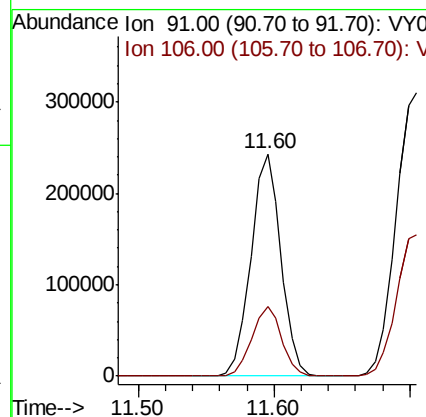
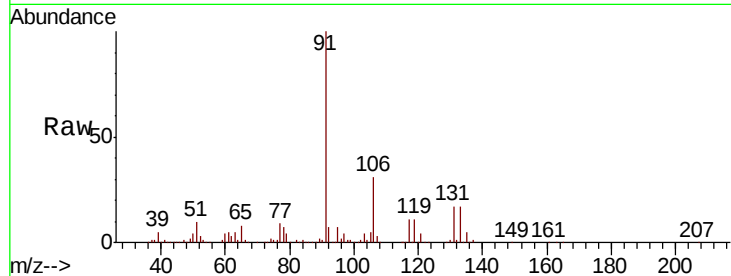




#67
Ethyl Benzene
Concen: 20.305 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. -0.00 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

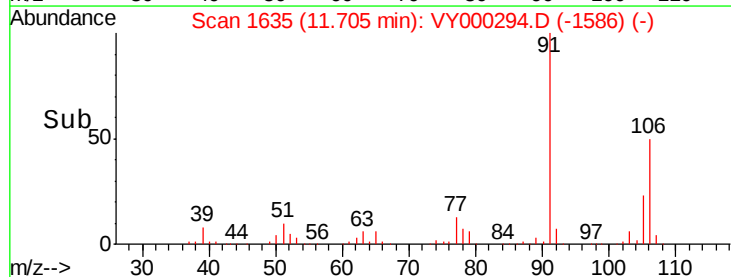
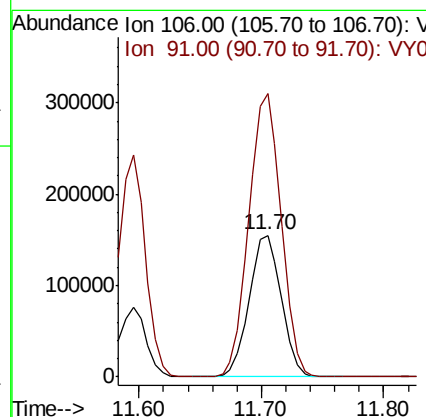
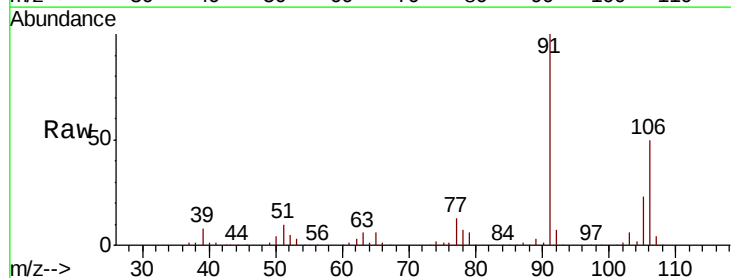
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 91 Resp: 375121
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.6



#68
m/p-Xylenes
Concen: 39.842 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Tgt Ion: 106 Resp: 281377
Ion Ratio Lower Upper
106 100
91 202.5 157.5 236.3

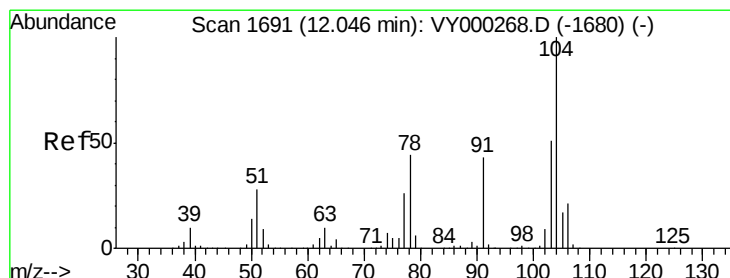
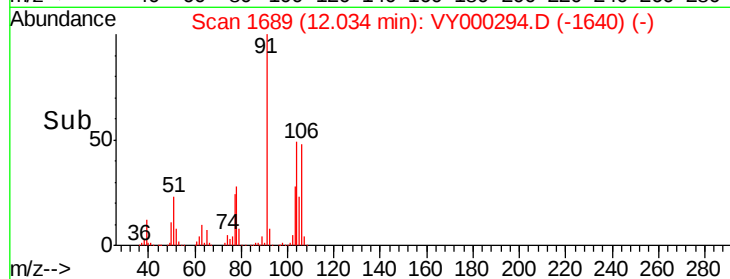
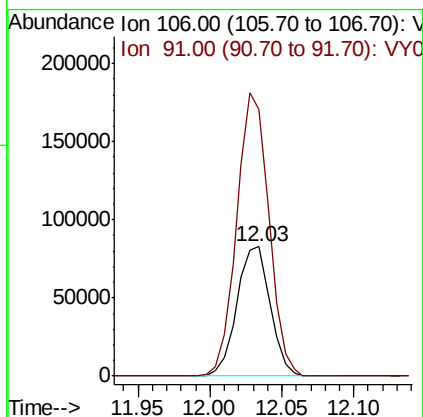
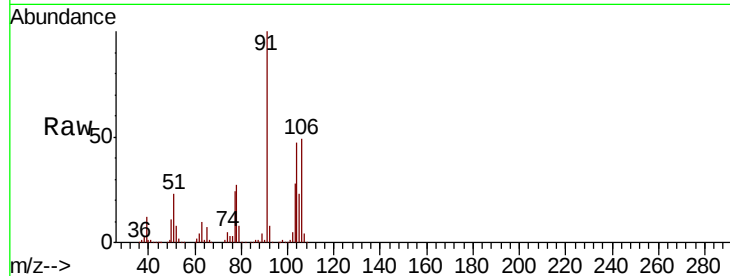




#69
o-Xylene
Concen: 19.715 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

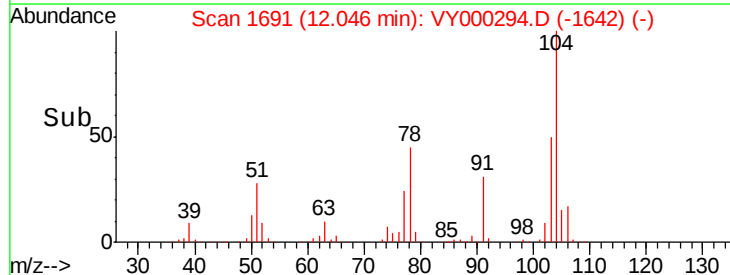
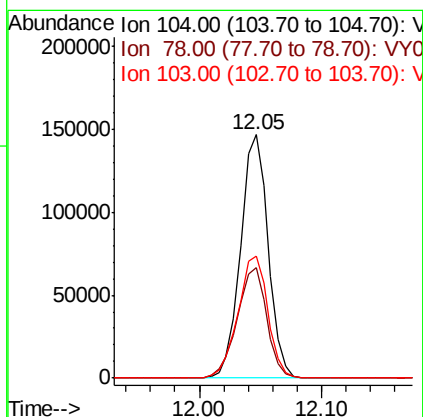
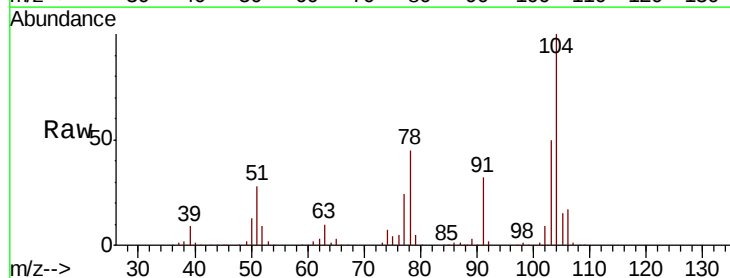
Instrument :
MSVOA_Y
ClientSampleId :

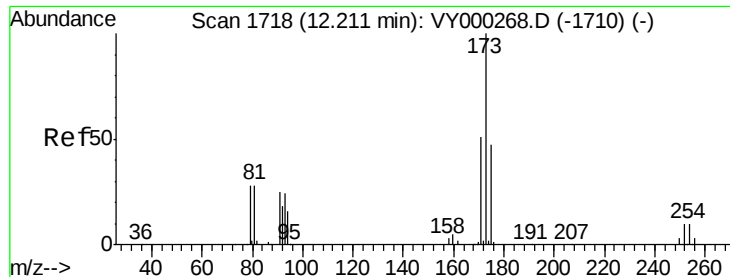
Tot Ion:106 Resp: 132827
Ion Ratio Lower Upper
106 100
91 212.1 104.7 313.9



#70
Styrene
Concen: 20.132 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Tgt Ion:104 Resp: 228749
Ion Ratio Lower Upper
104 100
78 48.8 39.0 58.6
103 54.8 43.1 64.7





#71

Bromoform

Concen: 20.793 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.00 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

Instrument :

MSVOA_Y

ClientSampleId :

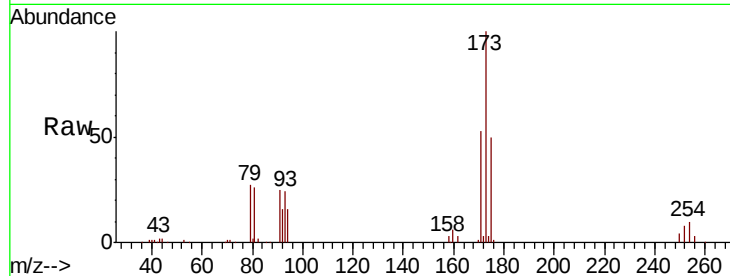
Tot Ion:173 Resp: 41844

Ion Ratio Lower Upper

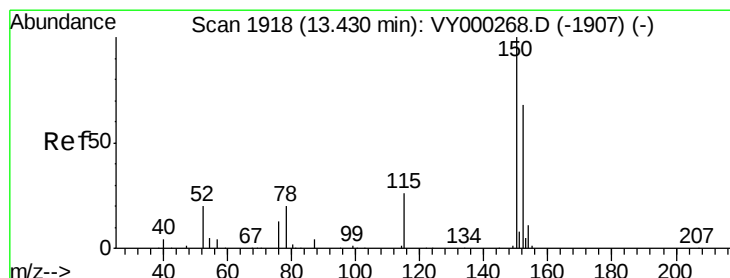
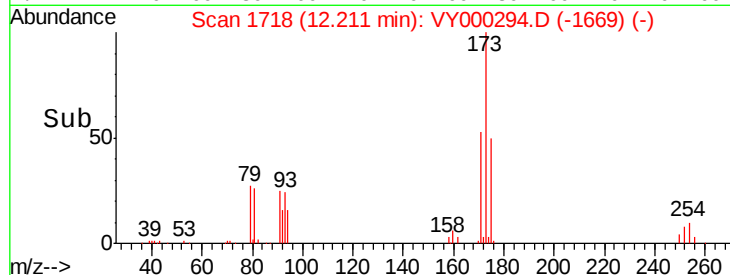
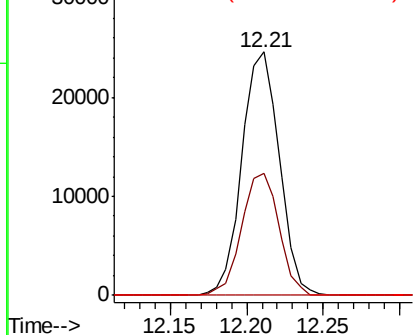
173 100

175 50.1 24.6 73.6

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

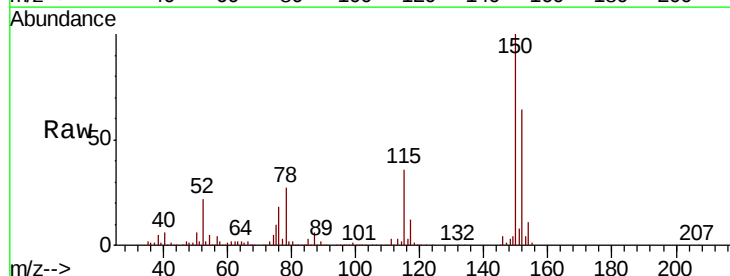
Tgt Ion:152 Resp: 232622

Ion Ratio Lower Upper

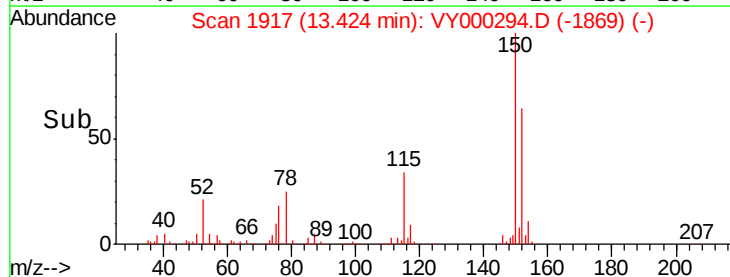
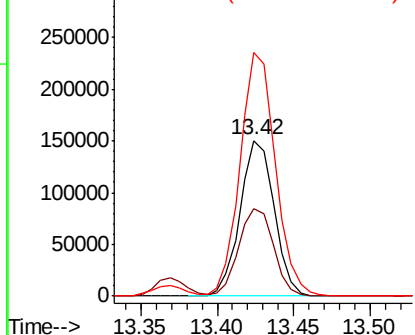
152 100

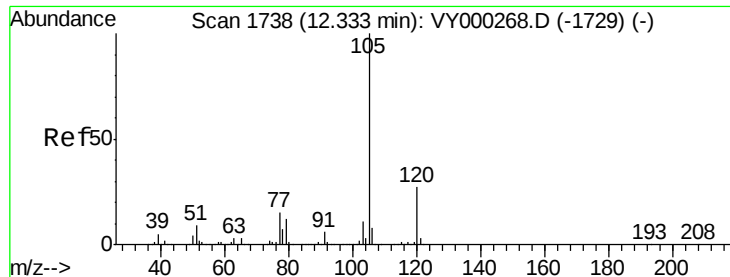
115 57.7 29.3 88.0

150 162.5 0.0 348.4



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





#73

Isopropylbenzene

Concen: 20.133 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

Instrument :

MSVOA_Y

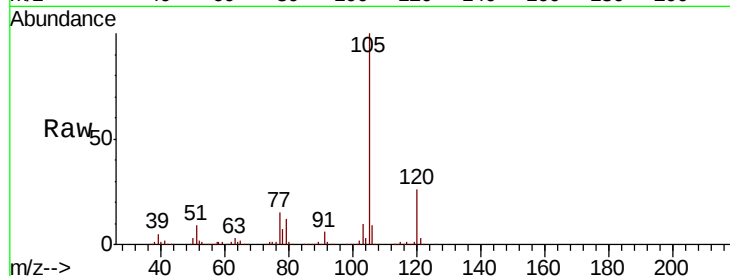
ClientSampleId :

Tot Ion:105 Resp: 365186

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

250000

200000

150000

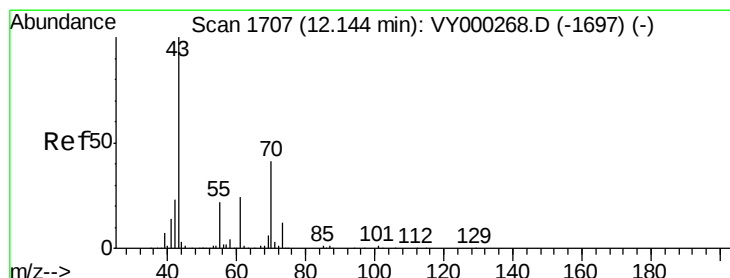
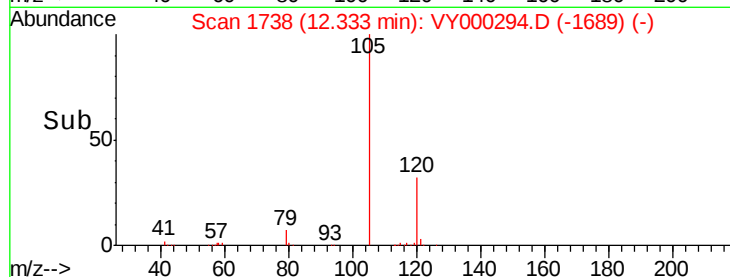
100000

50000

0

Time-->

12.25 12.30 12.35 12.40



#74

N-ethyl acetate

Concen: 23.086 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

Tgt Ion: 43 Resp: 102802

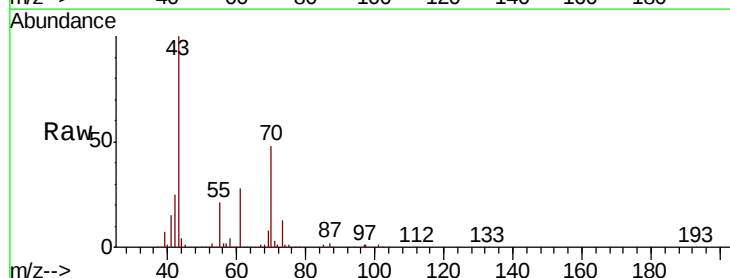
Ion Ratio Lower Upper

43 100

70 43.7 32.9 49.3

55 22.1 17.8 26.6

61 25.5 19.5 29.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

100000

80000

60000

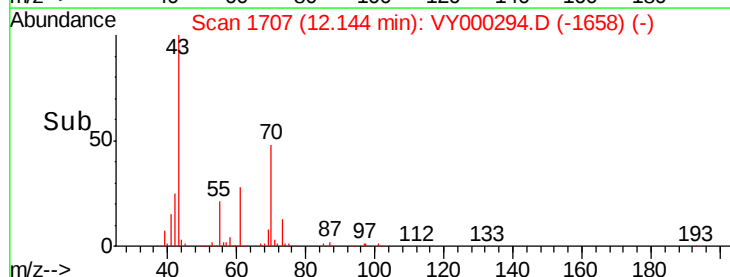
40000

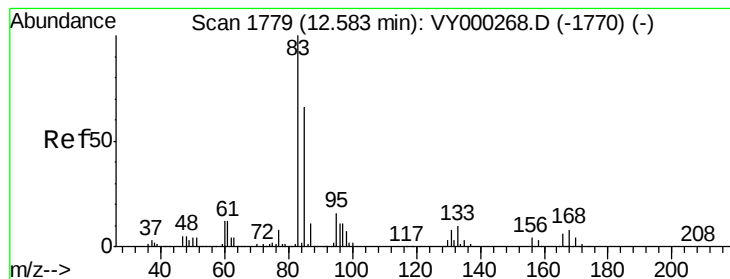
20000

0

Time-->

12.10 12.15 12.20





#75

1,1,2,2-Tetrachloroethane

Concen: 20.183 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

Instrument :

MSVOA_Y

ClientSampleId :

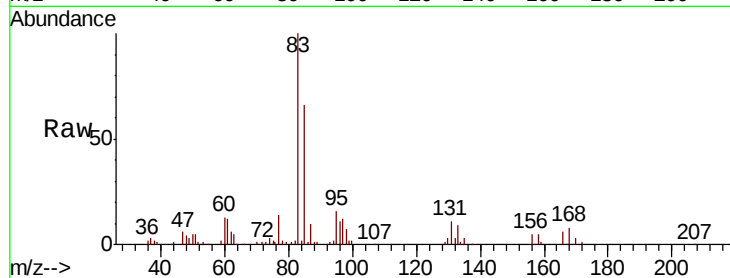
Tot Ion: 83 Resp: 68736

Ion Ratio Lower Upper

83 100

131 10.6 5.3 16.1

85 65.5 32.9 98.7



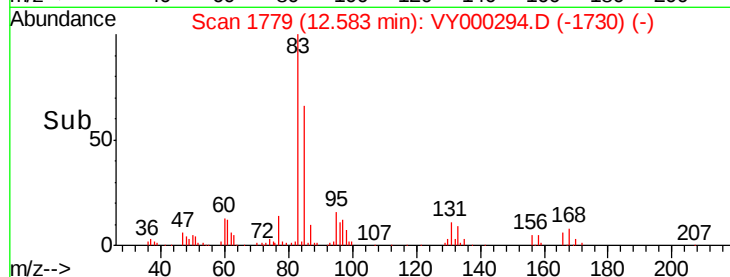
Abundance Ion 82.90 (82.60 to 83.60): VY000294.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY000294.D (-1730) (-)

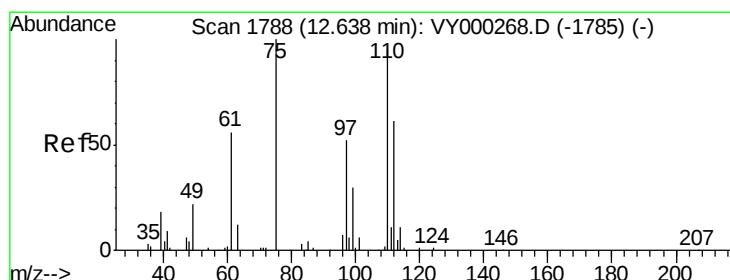
Ion 84.90 (84.60 to 85.60): VY000294.D (-1730) (-)

12.58

Time-->



Time-->



#76

1,2,3-Trichloropropane

Concen: 36.055 ug/l

RT: 12.64 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VY000294.D

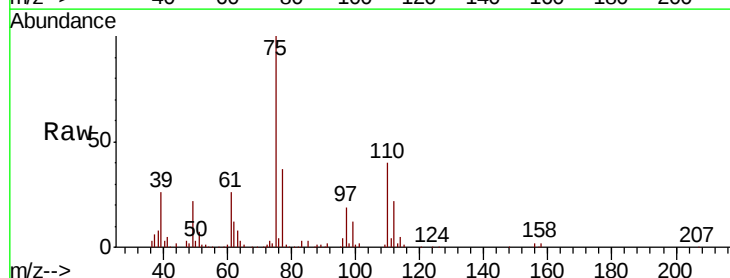
Acq: 14 Oct 2019 13:17

Tgt Ion: 75 Resp: 103134

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

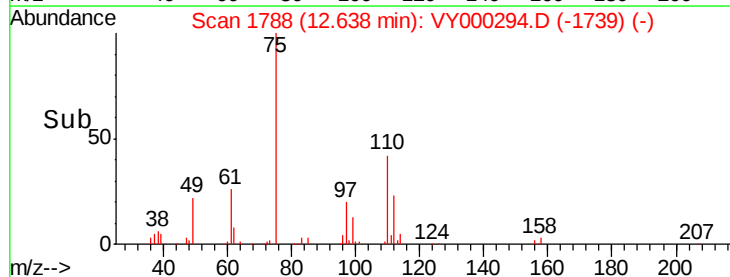


Abundance Ion 74.90 (74.60 to 75.60): VY000294.D (-1739) (-)

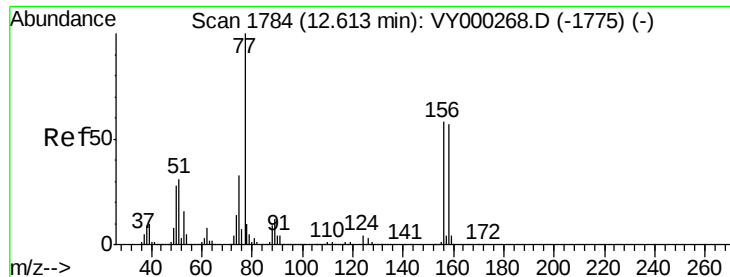
Ion 77.00 (76.70 to 77.70): VY000294.D (-1739) (-)

12.64

Time-->



Time-->



#77

Bromobenzene

Concen: 20.127 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

Instrument :

MSVOA_Y

ClientSampleId :

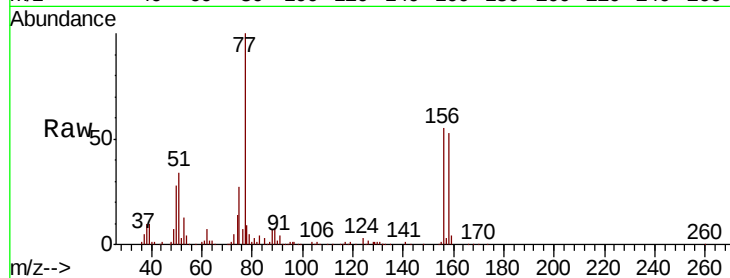
Tot Ion:156 Resp: 81237

Ion Ratio Lower Upper

156 100

77 201.7 101.0 302.9

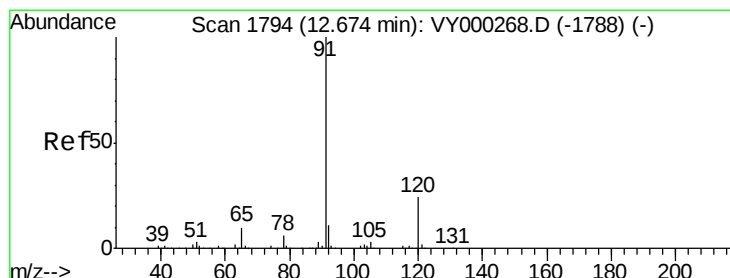
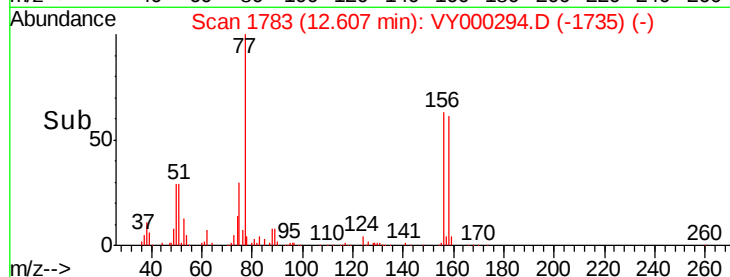
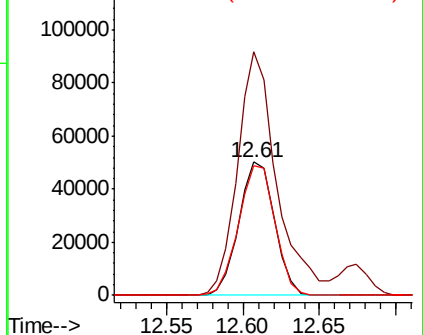
158 99.3 49.7 149.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.114 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.00 min

Lab File: VY000294.D

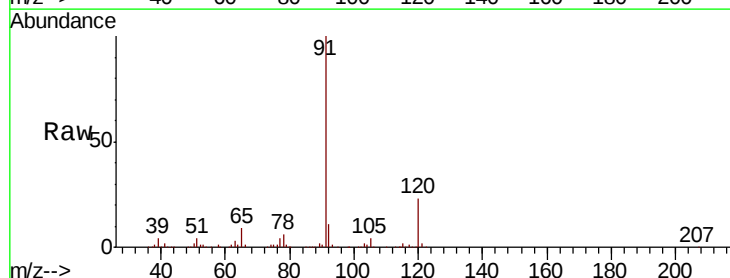
Acq: 14 Oct 2019 13:17

Tgt Ion: 91 Resp: 438041

Ion Ratio Lower Upper

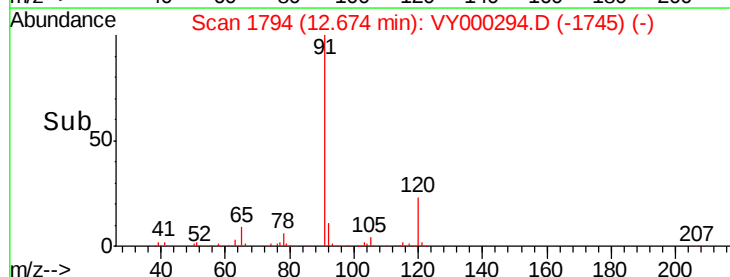
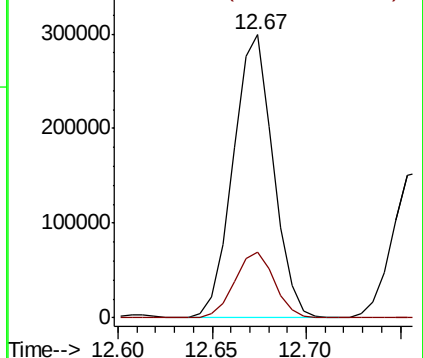
91 100

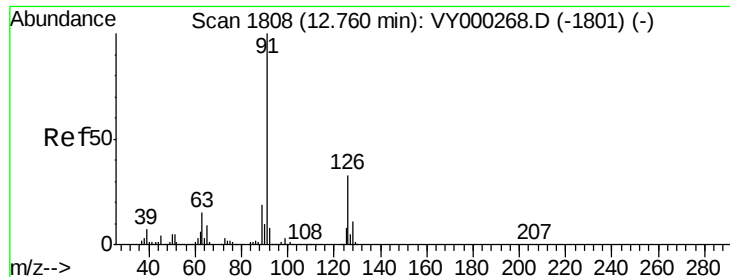
120 23.2 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

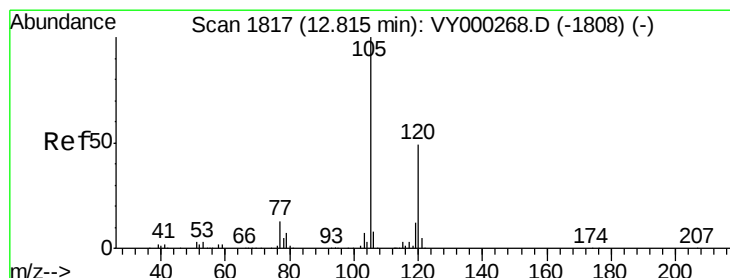
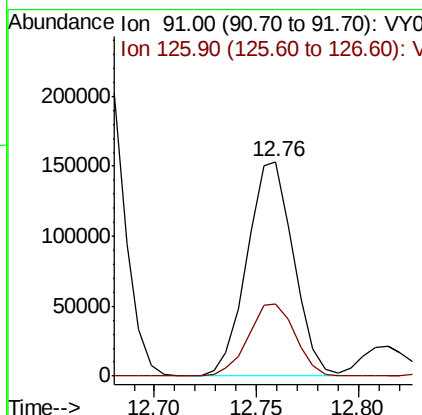
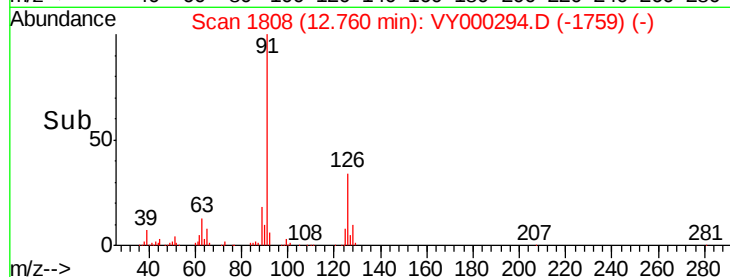
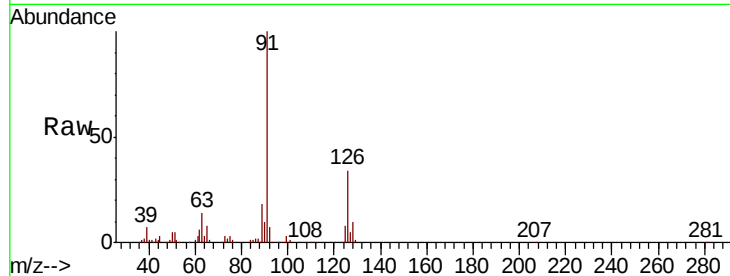




#79
 2-Chlorotoluene
 Concen: 20.242 ug/l
 RT: 12.76 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: VY000294.D
 Acq: 14 Oct 2019 13:17

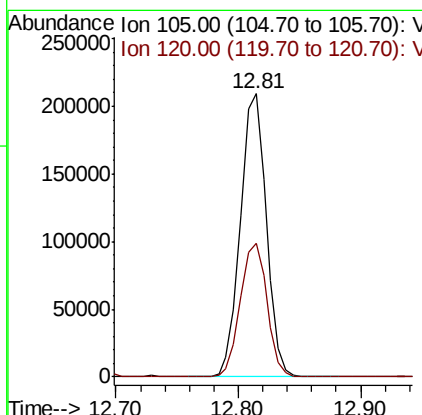
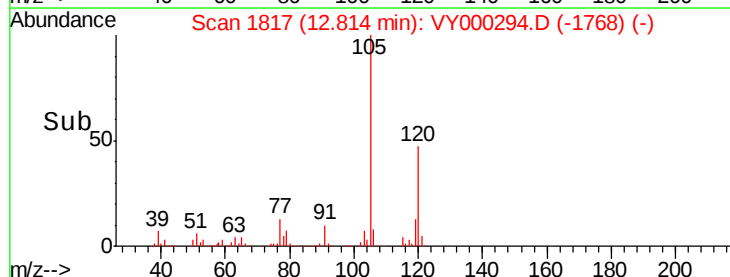
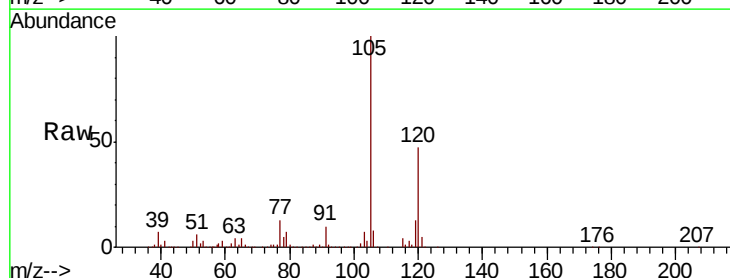
Instrument :
 MSVOA_Y
 ClientSampleId :

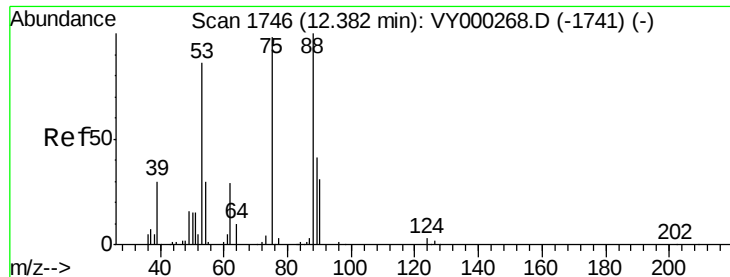
Tot Ion: 91 Resp: 243451
 Ion Ratio Lower Upper
 91 100
 126 34.2 17.1 51.3



#80
 1,3,5-Trimethylbenzene
 Concen: 20.182 ug/l
 RT: 12.81 min Scan# 1817
 Delta R.T. -0.00 min
 Lab File: VY000294.D
 Acq: 14 Oct 2019 13:17

Tgt Ion: 105 Resp: 306956
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.535 ug/l

RT: 12.38 min Scan# 1746

Delta R.T. -0.00 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

Instrument :

MSVOA_Y

ClientSampleId :

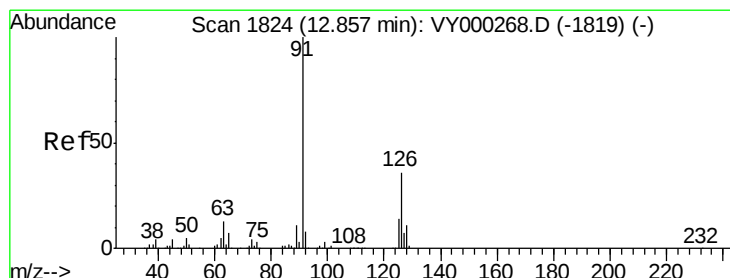
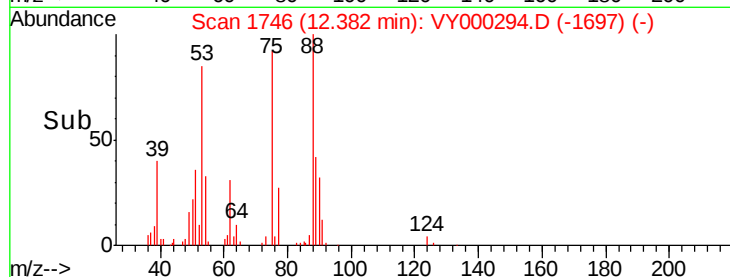
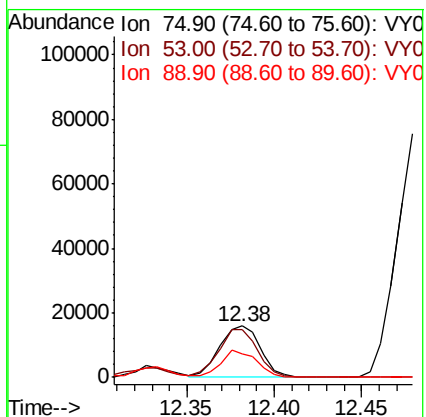
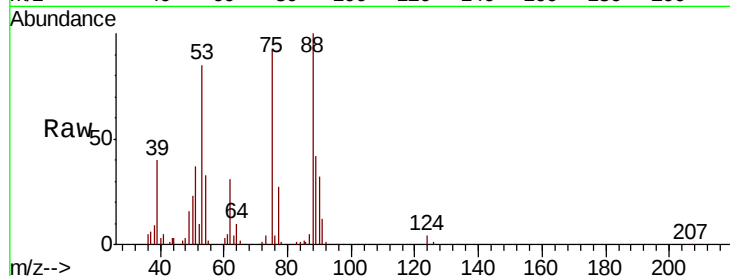
Tot Ion: 75 Resp: 25539

Ion Ratio Lower Upper

75 100

53 91.3 71.3 106.9

89 47.5 35.1 52.7



#82

4-Chlorotoluene

Concen: 20.480 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.01 min

Lab File: VY000294.D

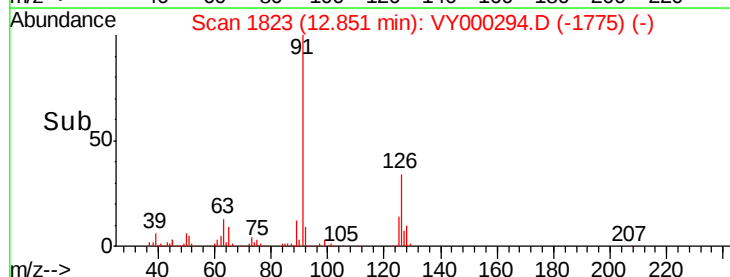
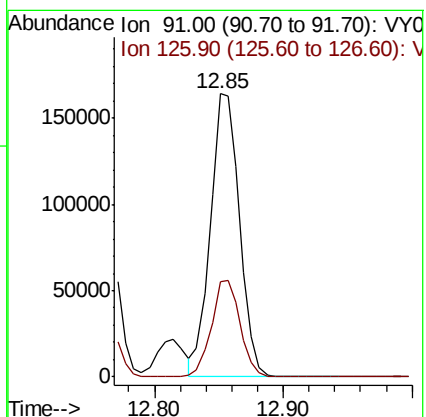
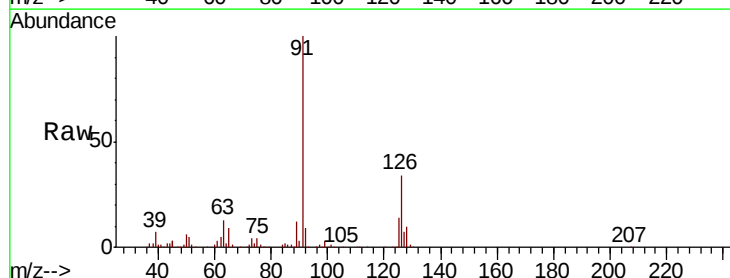
Acq: 14 Oct 2019 13:17

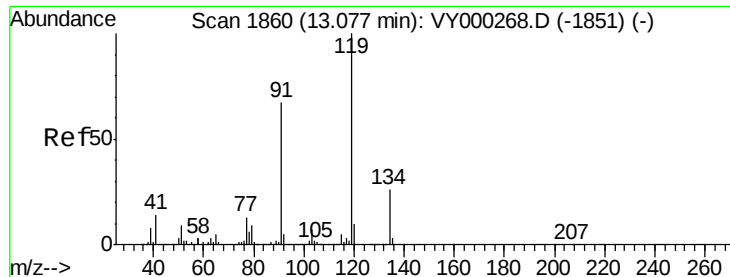
Tgt Ion: 91 Resp: 260373

Ion Ratio Lower Upper

91 100

126 33.5 17.2 51.5

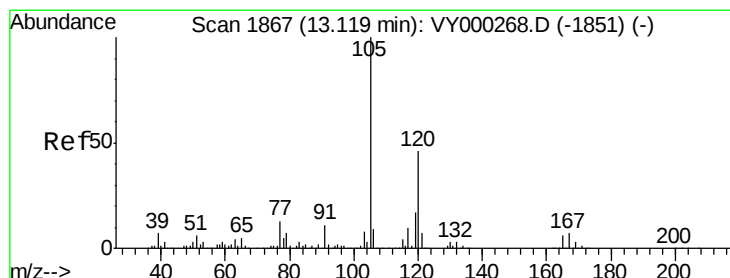
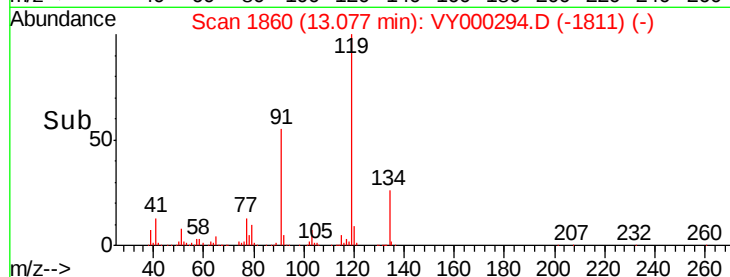
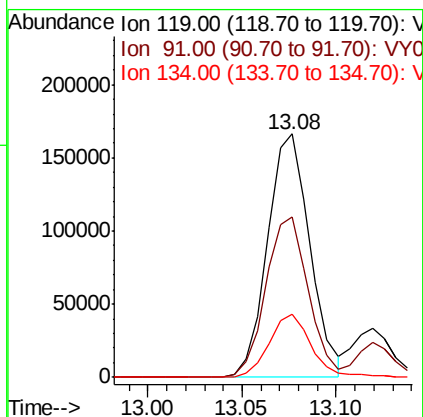
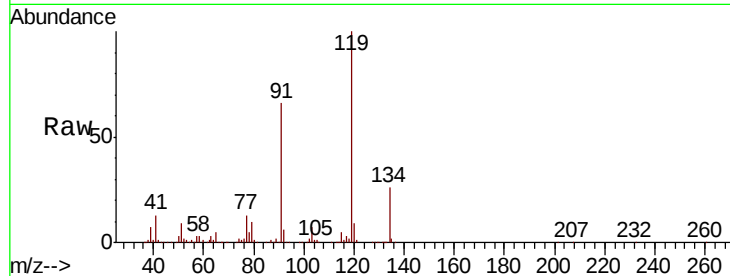




#83
tert-Butylbenzene
Concen: 20.187 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

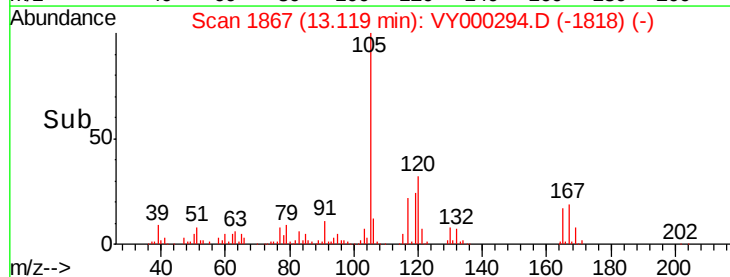
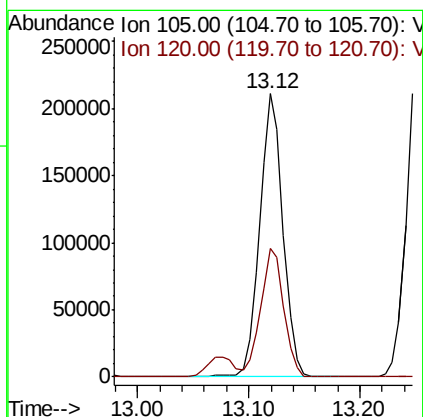
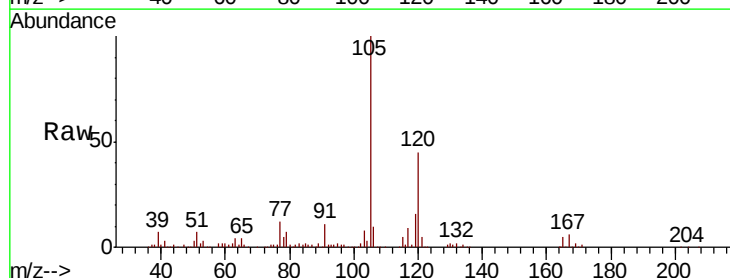
Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:119 Resp: 260003
Ion Ratio Lower Upper
119 100
91 65.8 32.9 98.7
134 26.0 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 20.464 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Tgt Ion:105 Resp: 307190
Ion Ratio Lower Upper
105 100
120 45.1 22.9 68.8





#85

sec-Butylbenzene

Concen: 20.111 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

Instrument :

MSVOA_Y

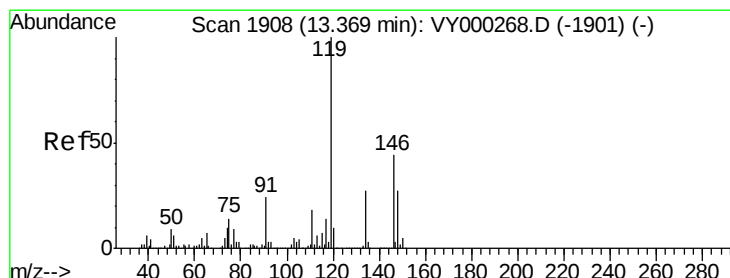
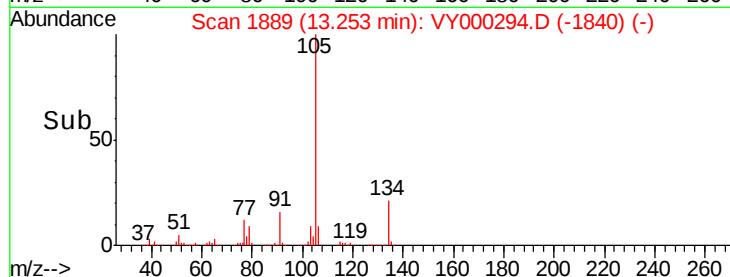
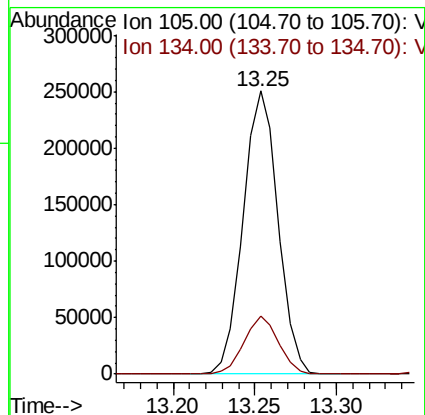
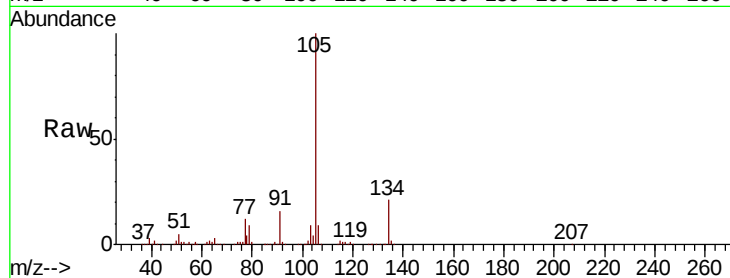
ClientSampleId :

Tot Ion:105 Resp: 374722

Ion Ratio Lower Upper

105 100

134 20.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 20.382 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

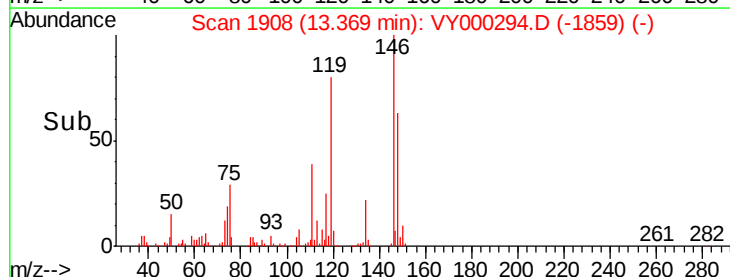
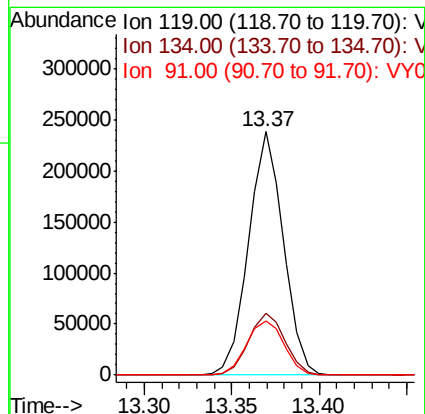
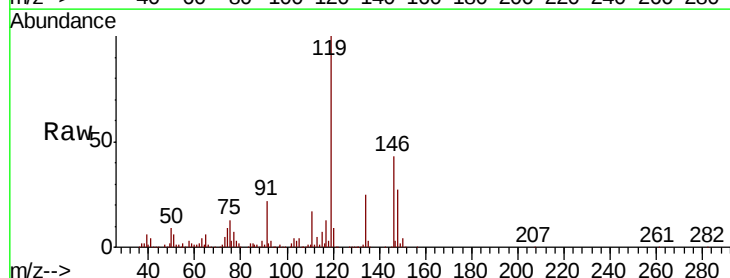
Tgt Ion:119 Resp: 331091

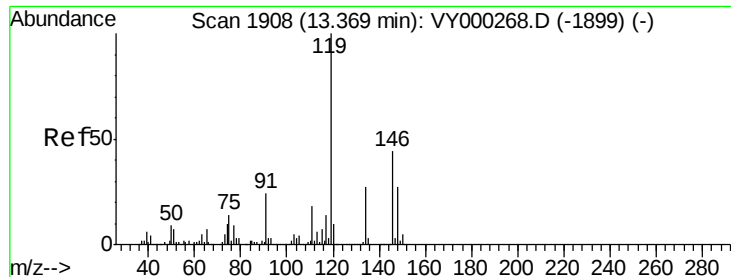
Ion Ratio Lower Upper

119 100

134 26.6 13.6 40.8

91 24.0 12.0 36.1

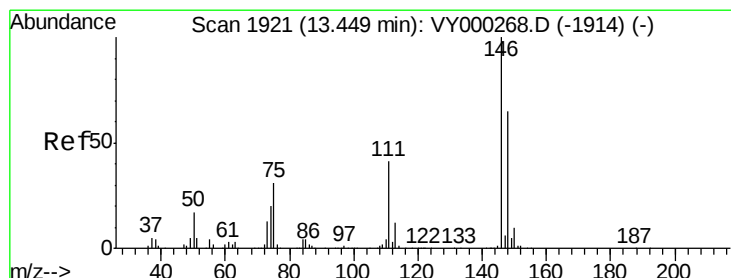
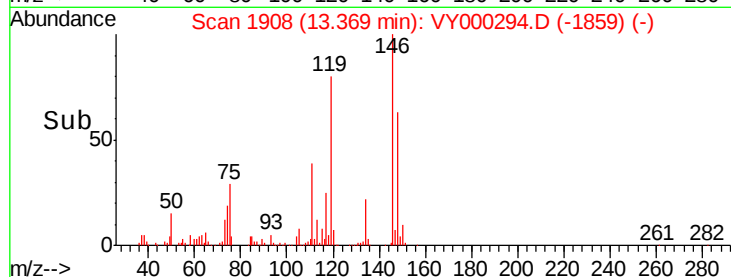
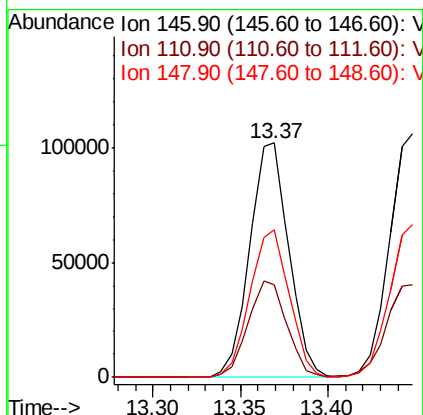
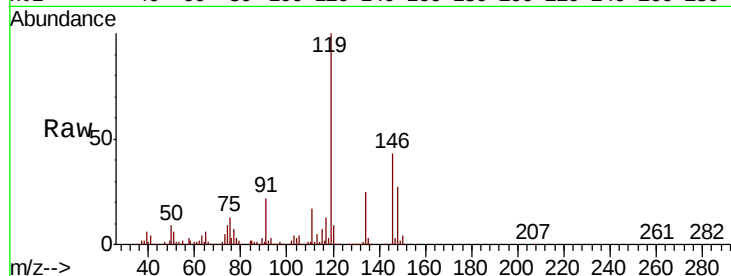




#87
 1,3-Dichlorobenzene
 Concen: 20.015 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: VY000294.D
 Acq: 14 Oct 2019 13:17

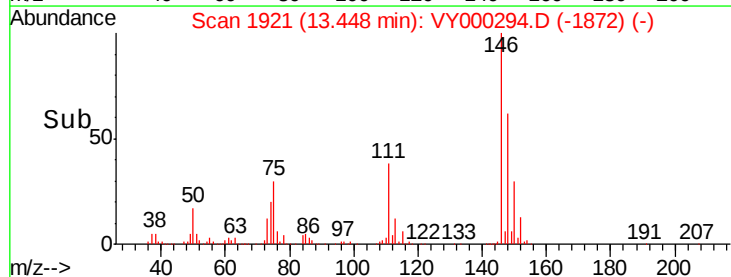
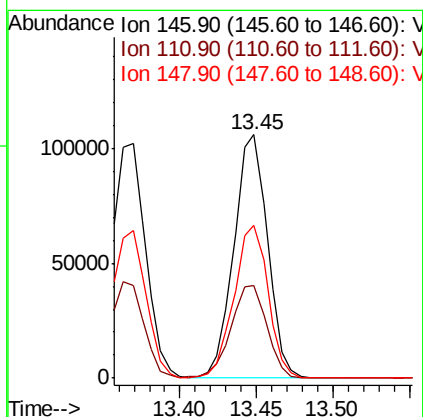
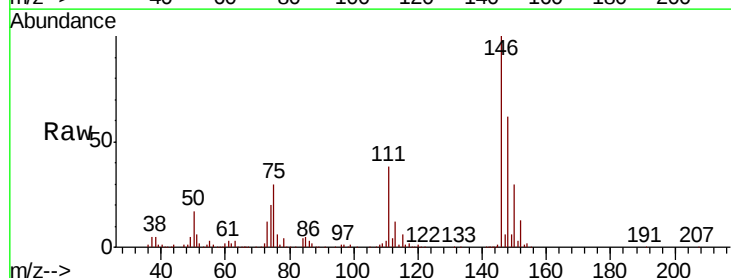
Instrument :
 MSVOA_Y
 ClientSampleID :

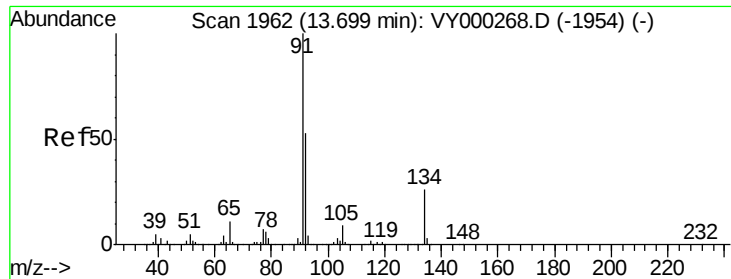
Tot Ion:146 Resp: 159164
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.6 61.8
 148 63.2 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 20.341 ug/l
 RT: 13.45 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: VY000294.D
 Acq: 14 Oct 2019 13:17

Tgt Ion:146 Resp: 161683
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.1 60.2
 148 63.6 32.4 97.2

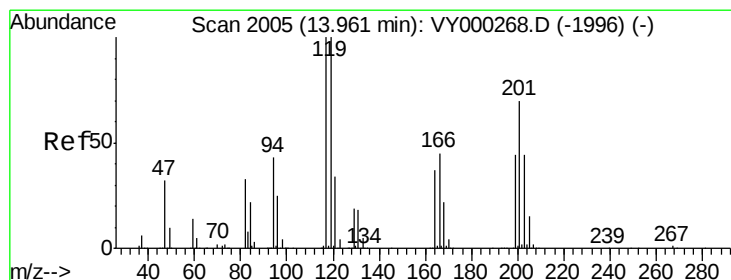
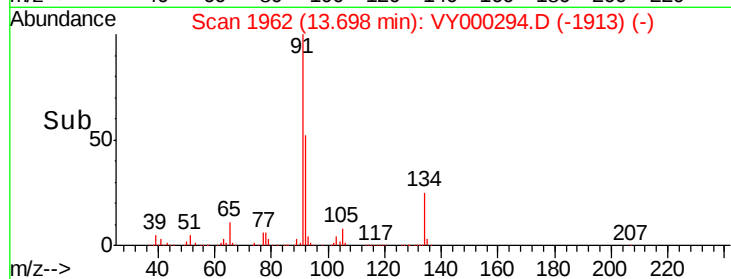
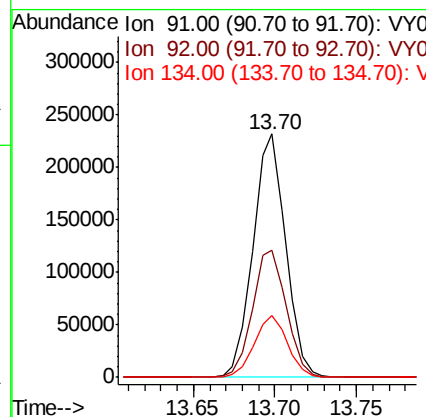
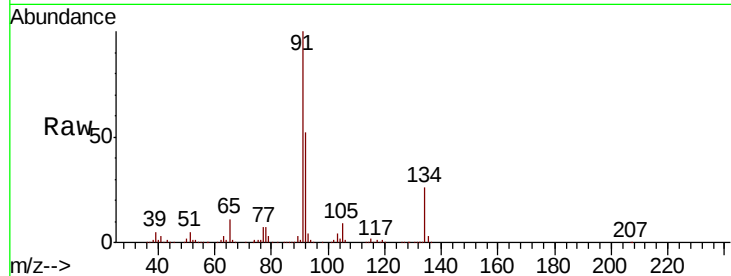




#89
n-Butylbenzene
Concen: 20.146 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

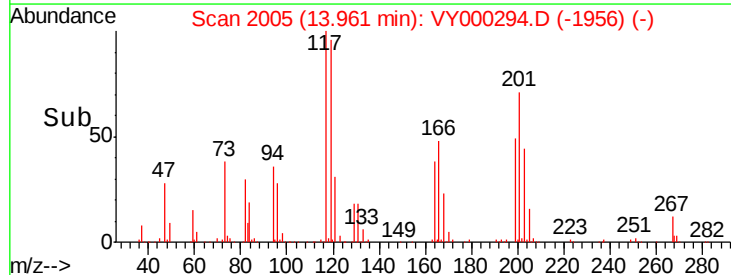
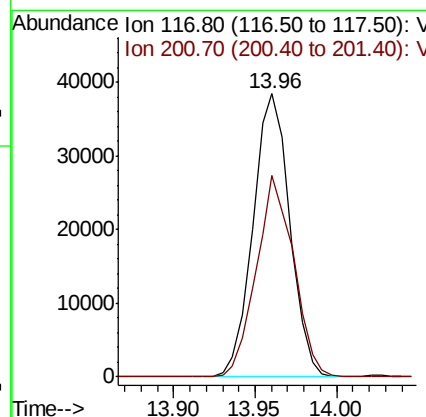
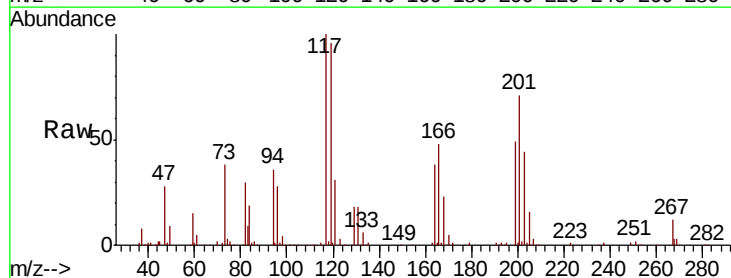
Instrument :
MSVOA_Y
ClientSampleId :

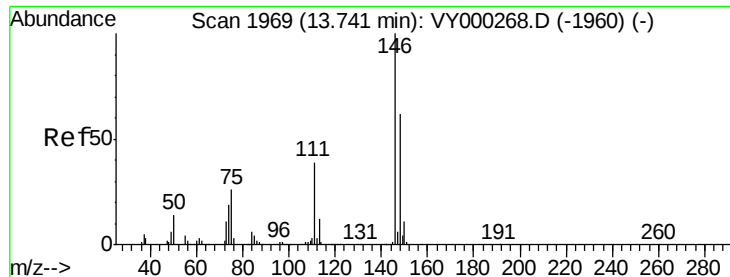
Tot Ion: 91 Resp: 323396
Ion Ratio Lower Upper
91 100
92 54.2 26.7 80.1
134 25.7 13.0 38.9



#90
Hexachloroethane
Concen: 20.057 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Tgt Ion: 117 Resp: 60330
Ion Ratio Lower Upper
117 100
201 71.8 36.3 108.7





#91

1,2-Dichlorobenzene

Concen: 20.560 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

Instrument :

MSVOA_Y

ClientSampleId :

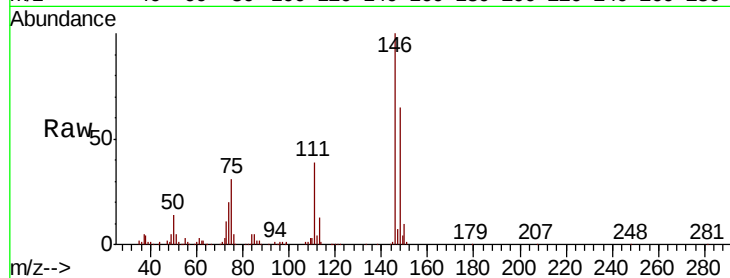
Tot Ion:146 Resp: 147963

Ion Ratio Lower Upper

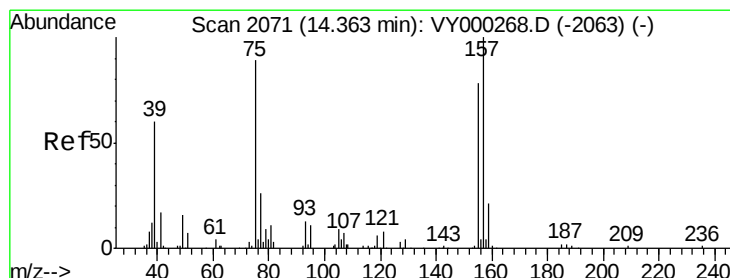
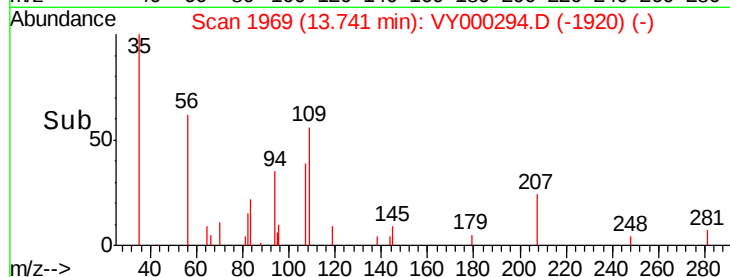
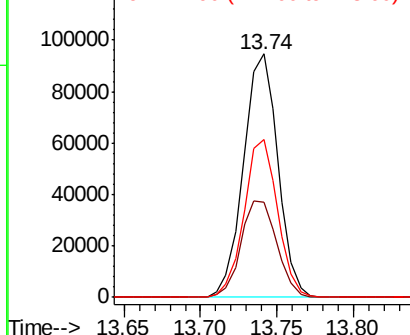
146 100

111 41.4 20.5 61.5

148 63.1 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.172 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. -0.01 min

Lab File: VY000294.D

Acq: 14 Oct 2019 13:17

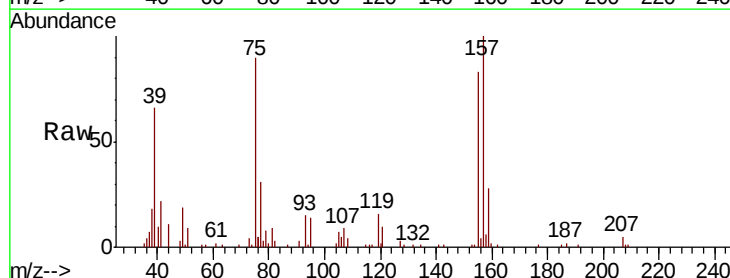
Tgt Ion: 75 Resp: 13675

Ion Ratio Lower Upper

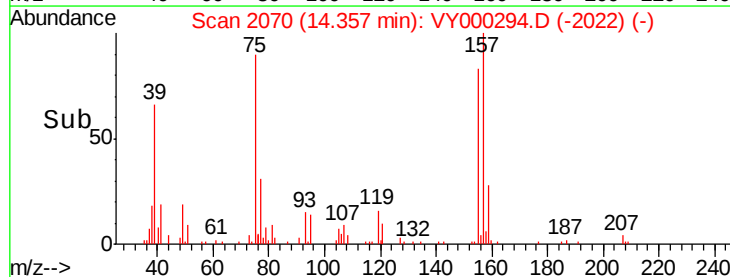
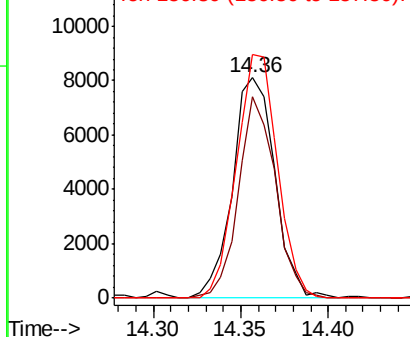
75 100

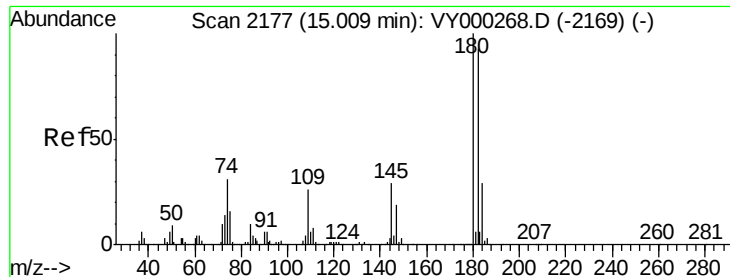
155 79.5 45.8 137.3

157 106.8 55.6 166.9



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

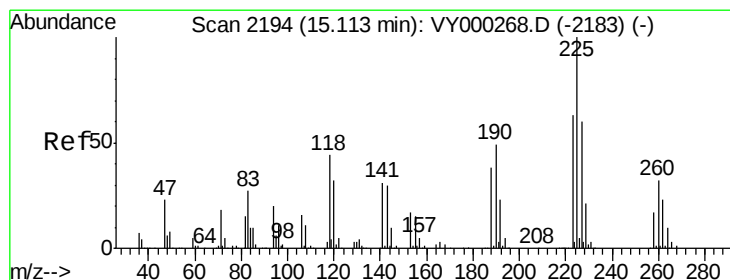
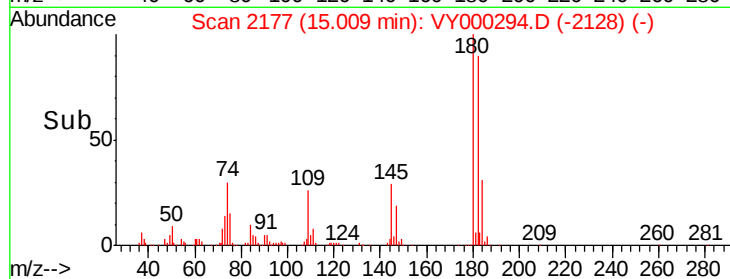
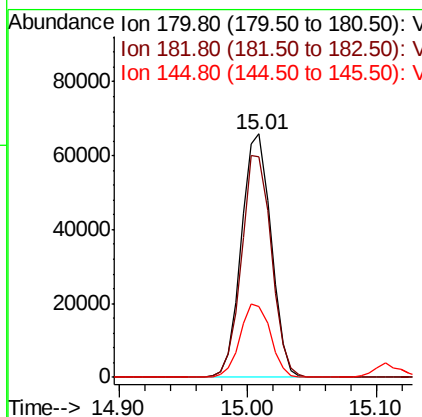
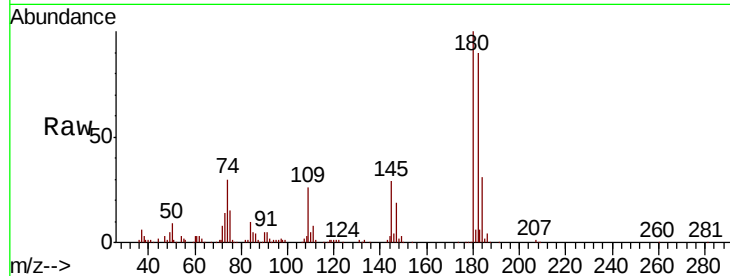




#93
 1,2,4-Trichlorobenzene
 Concen: 20.949 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY000294.D
 Acq: 14 Oct 2019 13:17

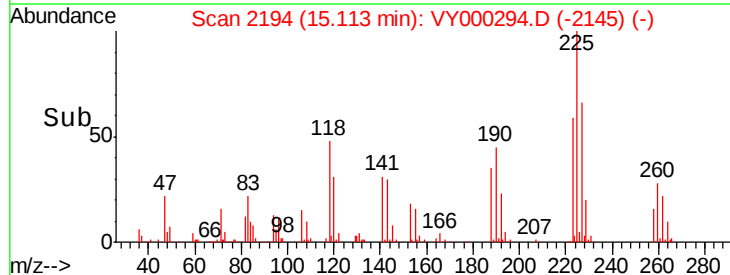
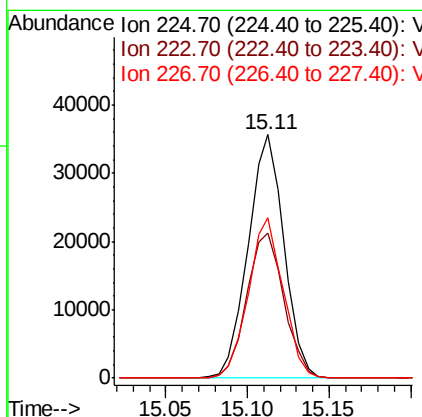
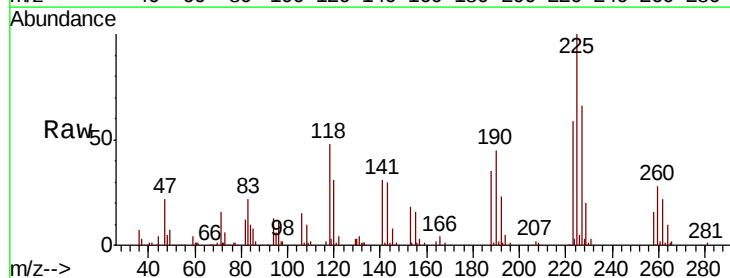
Instrument :
 MSVOA_Y
 ClientSampled :

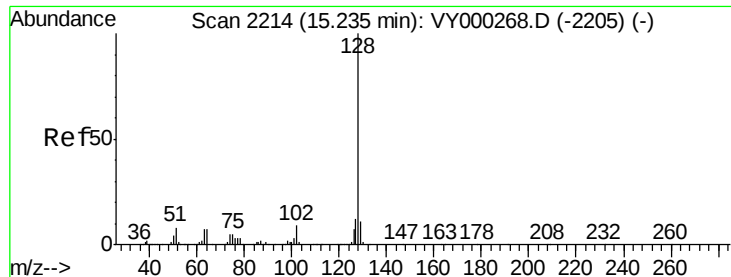
Tot Ion	Ratio	Lower	Upper
180	100		
182	91.6	47.5	142.6
145	31.0	15.4	46.1



#94
 Hexachlorobutadiene
 Concen: 20.069 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY000294.D
 Acq: 14 Oct 2019 13:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	31.9	95.7
227	64.1	31.4	94.2

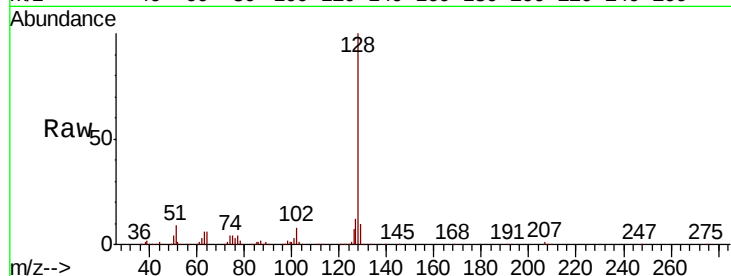




#95
Naphthalene
Concen: 21.995 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.4	9.6	14.4
129	10.6	8.7	13.1

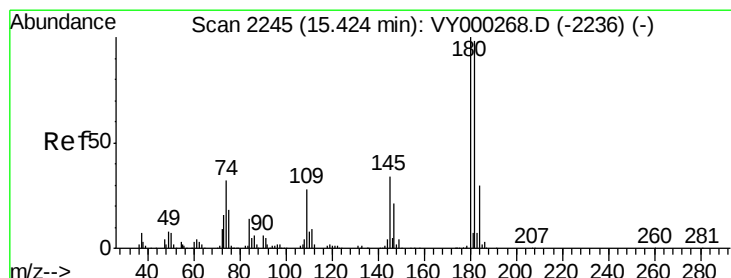
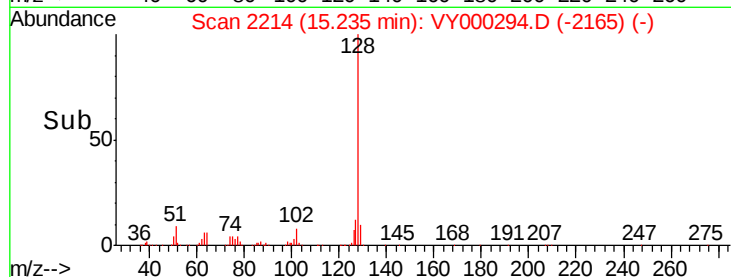
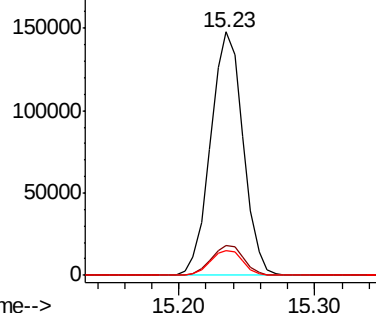


Abundance

Ion 128.00 (127.70 to 128.70): V

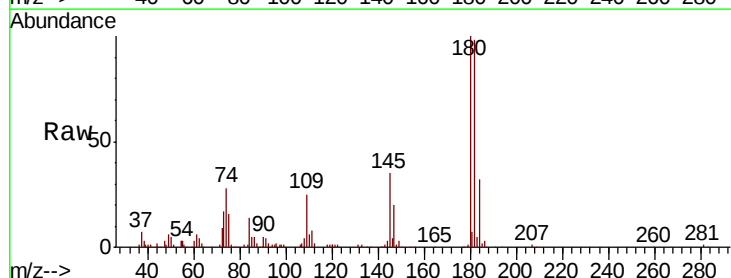
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 20.673 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY000294.D
Acq: 14 Oct 2019 13:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	46.5	139.5
145	32.9	16.2	48.5



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

