

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122719\
 Data File : VY001091.D
 Acq On : 27 Dec 2019 12:46
 Operator : SY/MD
 Sample : VY1227SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1227SBS01

Manual Integrations
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 12/30/2019 3:33:44 PM

Quant Time: Dec 28 04:21:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	310886	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	538077	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	475815	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	219259	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	144876	47.25	ug/l	0.00
Spiked Amount						
			Recovery	=	94.50%	
35) Dibromofluoromethane	7.73	113	153256	48.37	ug/l	0.00
Spiked Amount						
			Recovery	=	96.74%	
50) Toluene-d8	10.18	98	643089	51.94	ug/l	0.00
Spiked Amount						
			Recovery	=	103.88%	
62) 4-Bromofluorobenzene	12.48	95	207975	45.94	ug/l	0.00
Spiked Amount						
			Recovery	=	91.88%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	55333	20.426	ug/l	99
3) Chloromethane	2.12	50	67636	18.345	ug/l	98
4) Vinyl Chloride	2.25	62	65635	18.331	ug/l	99
5) Bromomethane	2.64	94	43964	18.602	ug/l	98
6) Chloroethane	2.79	64	43408	19.465	ug/l #	85
7) Trichlorofluoromethane	3.13	101	105095	20.012	ug/l	93
8) Diethyl Ether	3.54	74	42625	19.883	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.90	101	71381	20.692	ug/l	98
10) Methyl Iodide	4.10	142	91447	19.186	ug/l	100
11) Tert butyl alcohol	4.96	59	33545	99.499	ug/l #	92
12) 1,1-Dichloroethene	3.88	96	72063	20.633	ug/l	99
13) Acrolein	3.74	56	38791	92.863	ug/l	97
14) Allyl chloride	4.49	41	102493	18.890	ug/l	98
15) Acrylonitrile	5.18	53	107260	100.113	ug/l	98
16) Acetone	3.96	43	72661	102.865	ug/l	99
17) Carbon Disulfide	4.20	76	226219	19.822	ug/l	98
18) Methyl Acetate	4.49	43	51202	18.894	ug/l	96
19) Methyl tert-butyl Ether	5.24	73	176531	19.583	ug/l	100
20) Methylene Chloride	4.72	84	85883	20.656	ug/l	90
21) trans-1,2-Dichloroethene	5.23	96	79085	20.432	ug/l	97
22) Diisopropyl ether	6.13	45	207569	18.927	ug/l	98
23) Vinyl Acetate	6.07	43	645851	93.251	ug/l	97
24) 1,1-Dichloroethane	6.02	63	126948	19.588	ug/l	97
25) 2-Butanone	7.00	43	119417	96.233	ug/l	97
26) 2,2-Dichloropropane	6.99	77	104184	19.567	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	86564	20.356	ug/l	96
28) Bromochloromethane	7.34	49	44955	17.778	ug/l	96
29) Tetrahydrofuran	7.36	42	80680	91.402	ug/l	94
30) Chloroform	7.52	83	121533	19.832	ug/l	95
31) Cyclohexane	7.79	56	129142	18.950	ug/l	91
32) 1,1,1-Trichloroethane	7.71	97	100581	19.240	ug/l	98
36) 1,1-Dichloropropene	7.93	75	102744	20.016	ug/l	99
37) Ethyl Acetate	7.09	43	55001	19.351	ug/l	98
38) Carbon Tetrachloride	7.91	117	89642	19.932	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	140025	20.541	ug/l	95
40) Benzene	8.17	78	314922	20.336	ug/l	97
41) Methacrylonitrile	7.32	41	21595m	17.524	ug/l	
42) 1,2-Dichloroethane	8.25	62	72425	19.561	ug/l	98
43) Isopropyl Acetate	8.28	43	97889	18.604	ug/l	96
44) Trichloroethene	8.94	130	83117	20.370	ug/l	98
45) 1,2-Dichloropropane	9.22	63	74982	19.301	ug/l	98
46) Dibromomethane	9.31	93	40704	20.325	ug/l	99
47) Bromodichloromethane	9.50	83	89025	19.191	ug/l	100
48) Methyl methacrylate	9.30	41	43292	19.281	ug/l	95
49) 1,4-Dioxane	9.30	88	11424	389.957	ug/l	93
51) 4-Methyl-2-Pentanone	10.07	43	257648	93.949	ug/l	96
52) Toluene	10.24	92	191914	20.134	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	98239	19.513	ug/l	94
54) cis-1,3-Dichloropropene	9.93	75	119424	19.727	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	60683	20.297	ug/l	92
56) Ethyl methacrylate	10.51	69	82772	19.452	ug/l	96
57) 1,3-Dichloropropane	10.79	76	101340	19.338	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	168638	102.610	ug/l	99
59) 2-Hexanone	10.83	43	174327	91.868	ug/l	96
60) Dibromochloromethane	10.99	129	63149	19.774	ug/l	98
61) 1,2-Dibromoethane	11.09	107	57309	20.045	ug/l	98
64) Tetrachloroethene	10.72	164	89038	21.627	ug/l	93
65) Chlorobenzene	11.52	112	202408	20.508	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	65873	20.224	ug/l	99
67) Ethyl Benzene	11.59	91	359016	20.223	ug/l	100
68) m/p-Xylenes	11.70	106	275937	40.936	ug/l	98
69) o-Xylene	12.03	106	129065	20.353	ug/l	100
70) Styrene	12.04	104	221872	20.577	ug/l	98
71) Bromoform	12.20	173	35648	19.656	ug/l #	96
73) Isopropylbenzene	12.33	105	337984	19.920	ug/l	99
74) N-amyl acetate	12.14	43	79414	17.816	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.58	83	64687	19.353	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	45970m	17.007	ug/l	
77) Bromobenzene	12.61	156	75058	19.669	ug/l	99
78) n-propylbenzene	12.67	91	413635	20.007	ug/l	100
79) 2-Chlorotoluene	12.75	91	221399	19.391	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	277779	19.973	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	24985	19.714	ug/l	97
82) 4-Chlorotoluene	12.85	91	233784	19.714	ug/l	98
83) tert-Butylbenzene	13.07	119	241608	20.695	ug/l	96
84) 1,2,4-Trimethylbenzene	13.12	105	277875	19.882	ug/l	100
85) sec-Butylbenzene	13.25	105	342491	19.899	ug/l	99
86) p-Isopropyltoluene	13.37	119	296153	19.886	ug/l	98
87) 1,3-Dichlorobenzene	13.36	146	147685	20.151	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	150527	20.360	ug/l	100
89) n-Butylbenzene	13.69	91	299883	20.014	ug/l	98
90) Hexachloroethane	13.96	117	55747	19.868	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	135512	20.044	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	10700	19.133	ug/l	97

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ClientSampleId :
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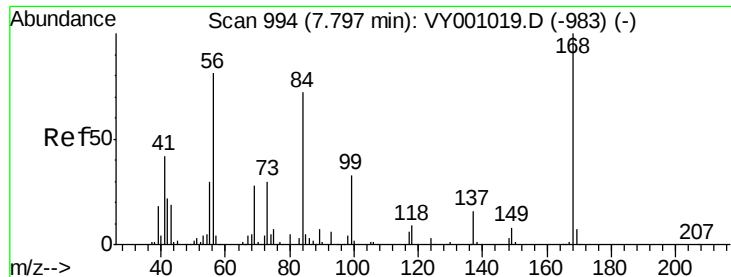
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	91126	19.969	ug/l	99
94) Hexachlorobutadiene	15.11	225	43075	19.836	ug/l	100
95) Naphthalene	15.23	128	211809	19.737	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	80807	19.857	ug/l	100

(#) = 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. 0.01 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1227SBS01

Tot Ion:168 Resp: 310886

Ion Ratio Lower Upper

168 100

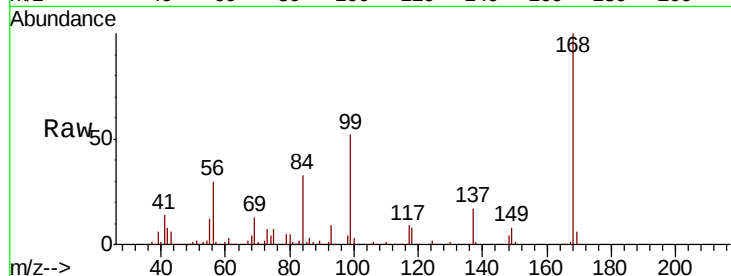
99 52.1 44.0 66.0

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Abundance Ion 167.90 (167.60 to 168.60): VY001091.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001091.D (-983) (-)

7.80

150000

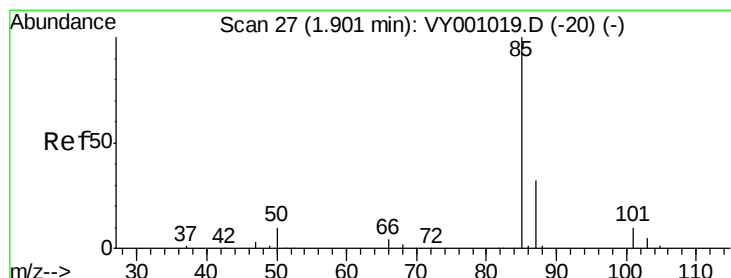
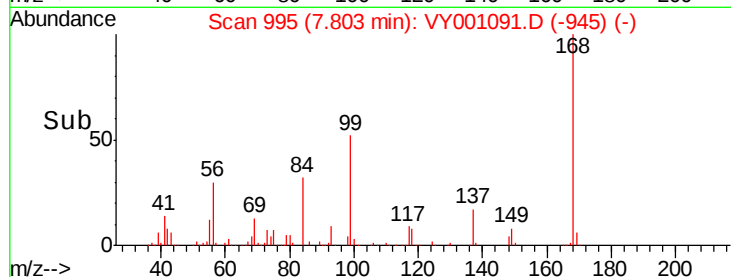
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50000

0

7.70 7.75 7.80 7.85 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 20.426 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY001091.D

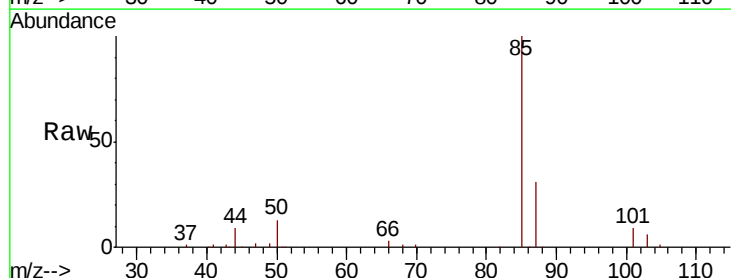
Acq: 27 Dec 2019 12:46

Tgt Ion: 85 Resp: 55333

Ion Ratio Lower Upper

85 100

87 31.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY001091.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY001091.D (-20) (-)

1.90

40000

30000

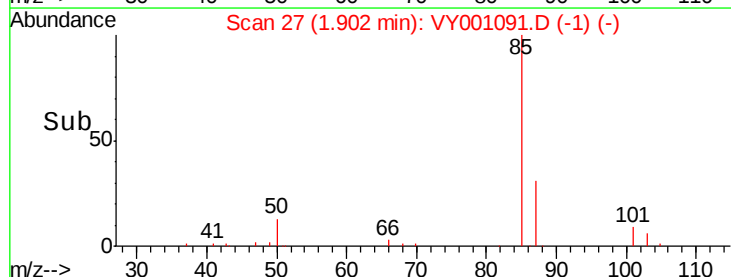
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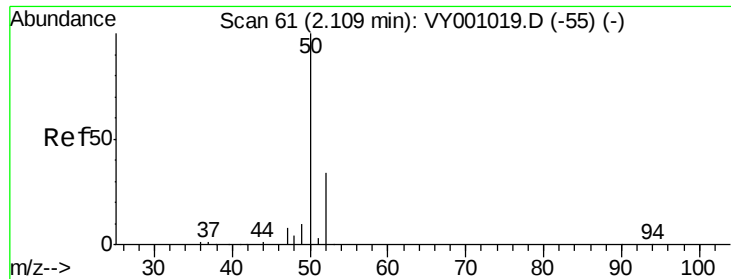
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0

1.80 1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 18.345 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1227SBS01

Tot Ion: 50 Resp: 67636

Ion Ratio Lower Upper

50 100

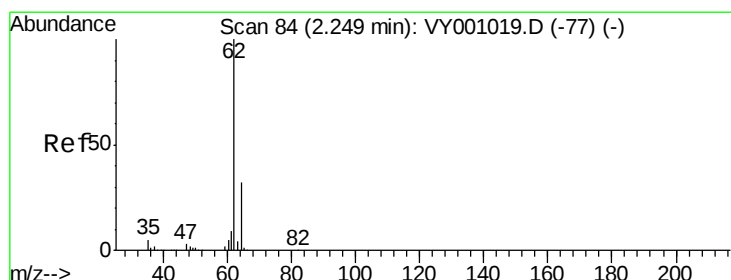
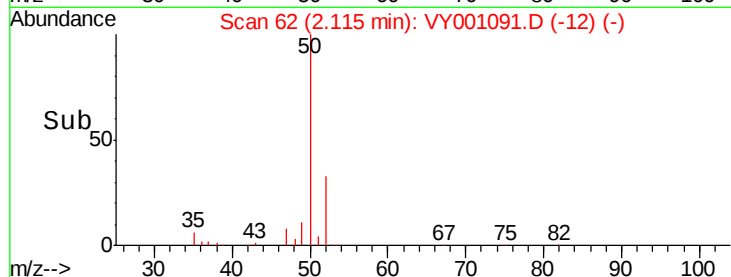
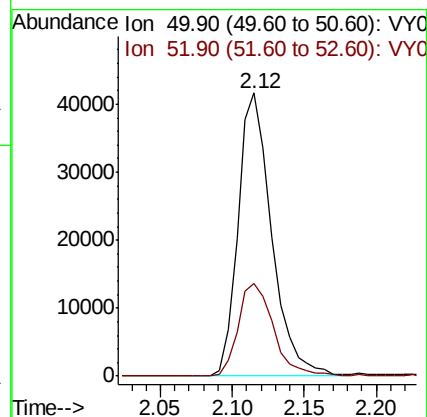
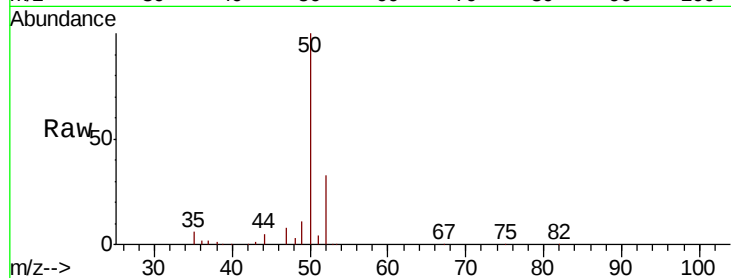
52 32.5 27.1 40.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.331 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY001091.D

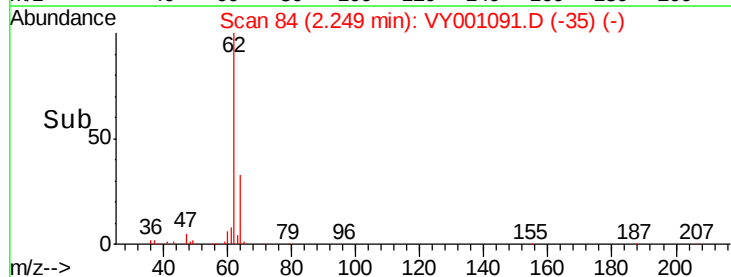
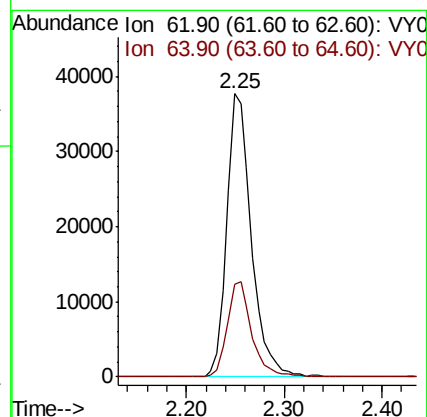
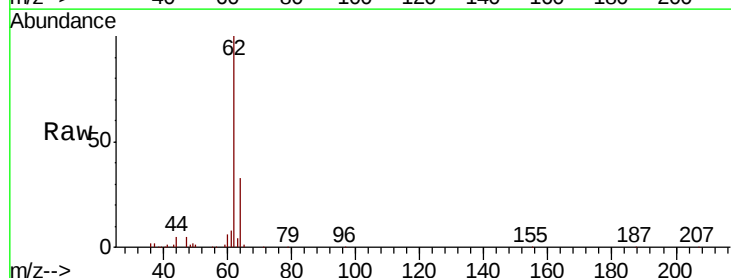
Acq: 27 Dec 2019 12:46

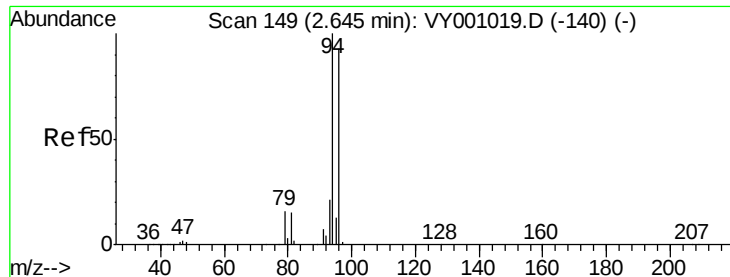
Tgt Ion: 62 Resp: 65635

Ion Ratio Lower Upper

62 100

64 32.8 25.6 38.4





#5

Bromomethane

Concen: 18.602 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.01 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1227SBS01

Tot Ion: 94 Resp: 43964

Ion Ratio Lower Upper

94 100

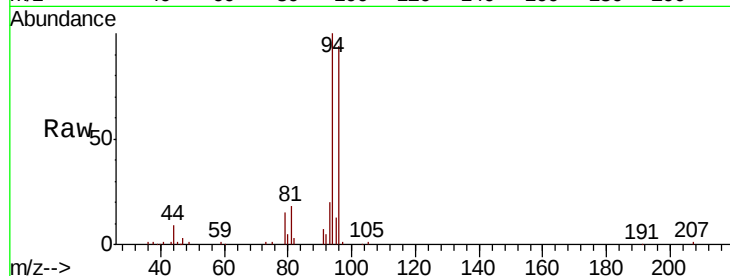
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Manual Integrations

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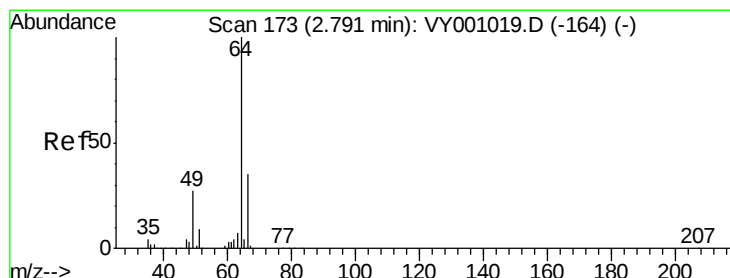
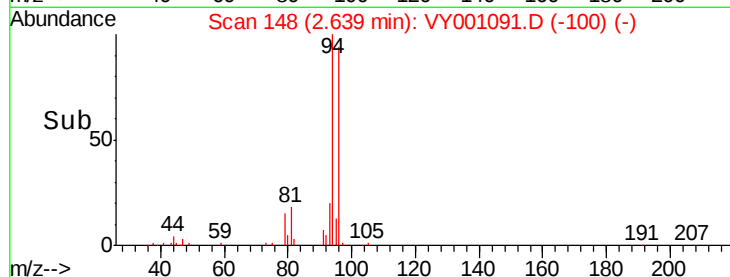
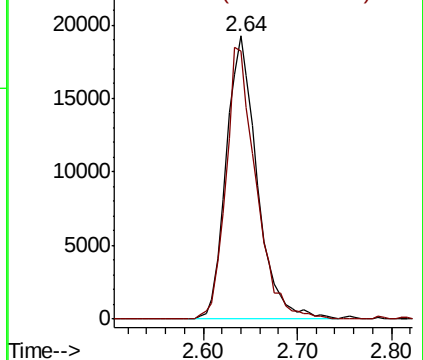
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 19.465 ug/l

RT: 2.79 min Scan# 173

Delta R.T. 0.00 min

Lab File: VY001091.D

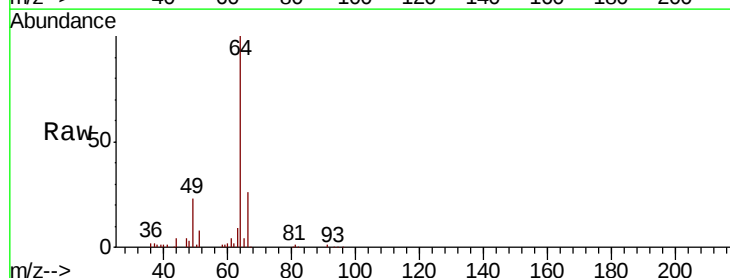
Acq: 27 Dec 2019 12:46

Tgt Ion: 64 Resp: 43408

Ion Ratio Lower Upper

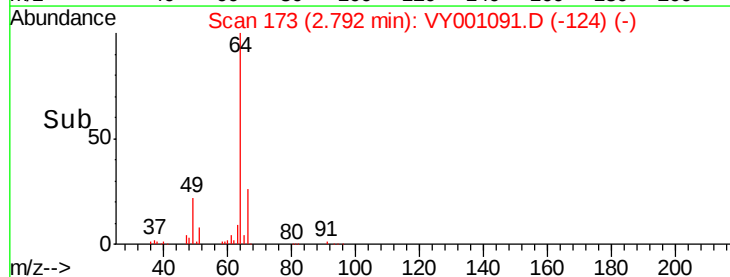
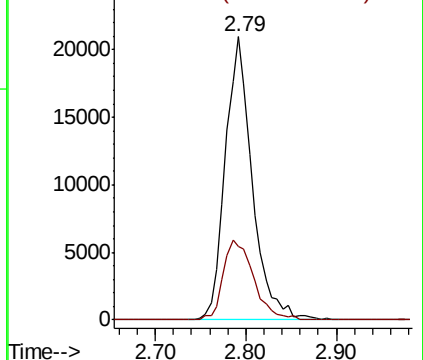
64 100

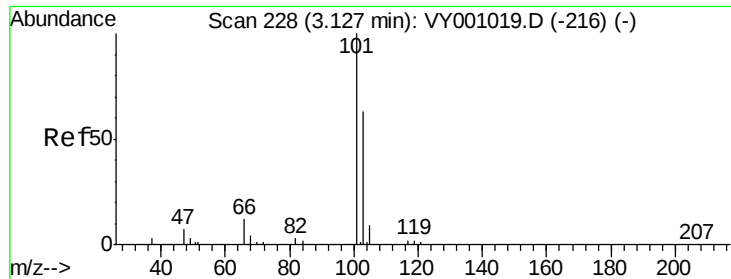
66 26.0 27.8 41.6#



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

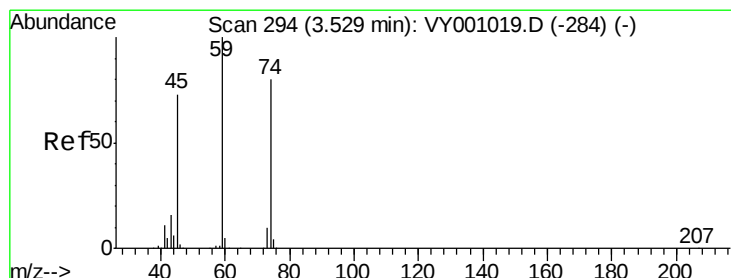
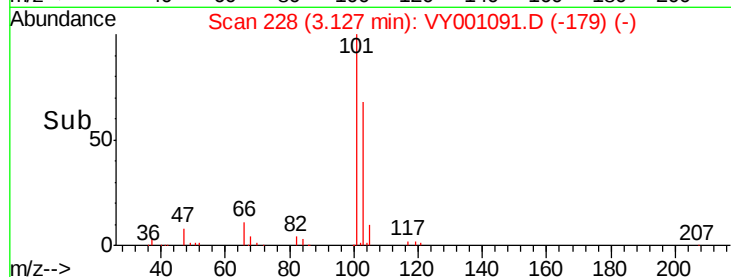
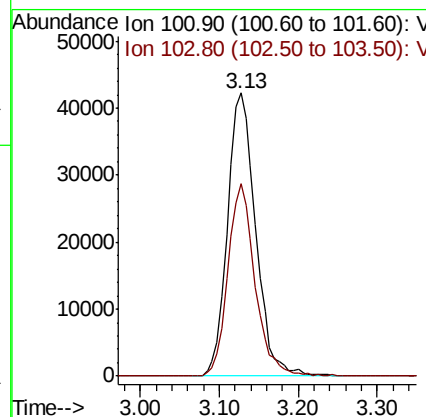
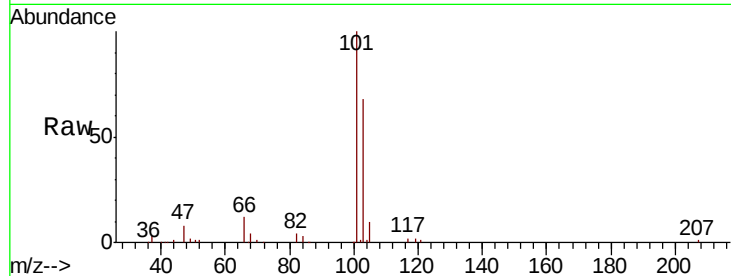
Trichlorofluoromethane
 Concen: 20.012 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY001091.D
 Acq: 27 Dec 2019 12:46

Instrument :
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 ClientSampleId :
 VY1227SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.8	50.2	75.2

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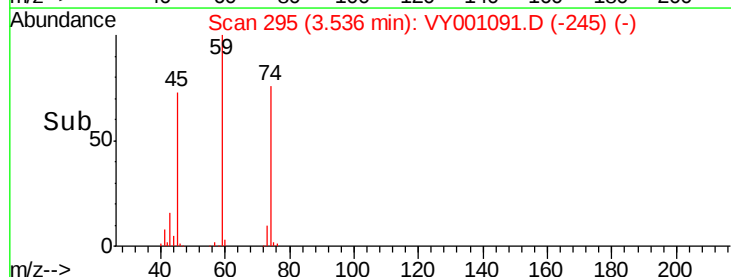
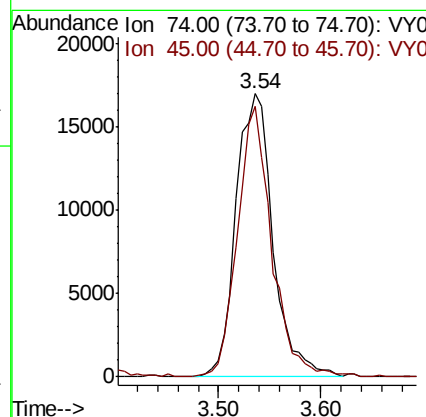
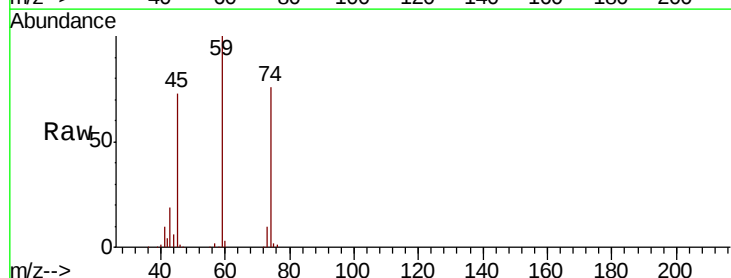
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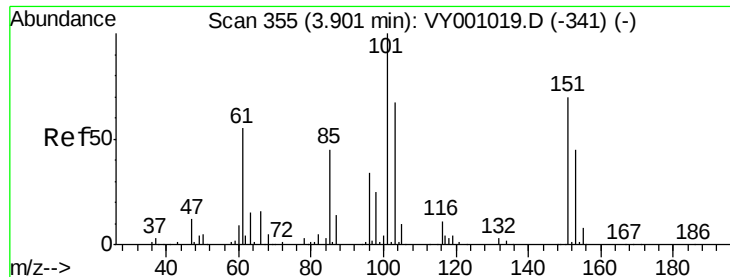


#8

Diethyl Ether
 Concen: 19.883 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.01 min
 Lab File: VY001091.D
 Acq: 27 Dec 2019 12:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.5	46.4	139.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.692 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

Instrument :

MSVOA_Y

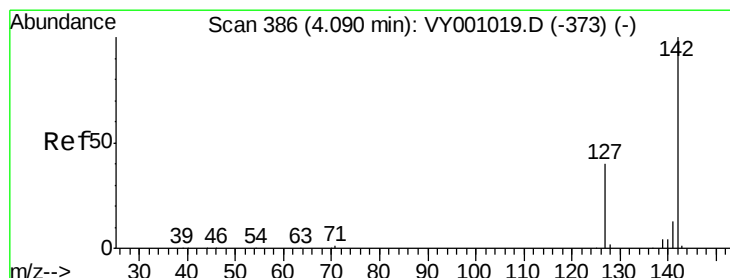
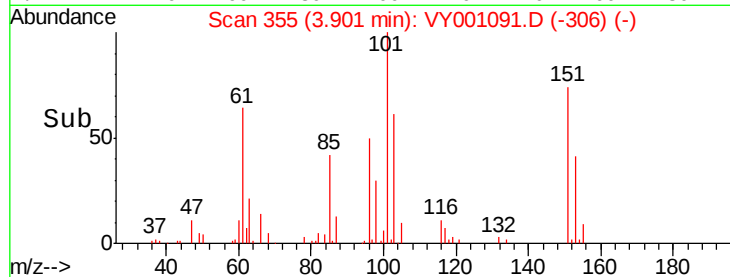
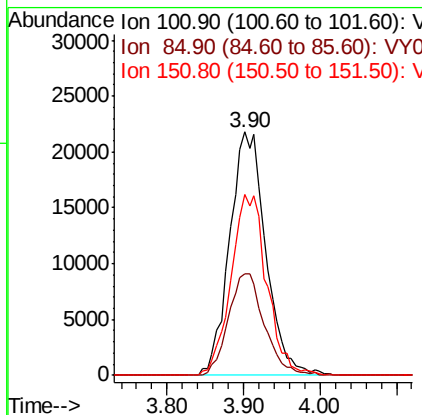
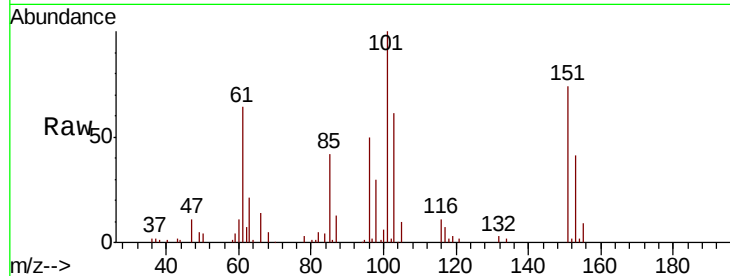
ClientSampleId :

VY1227SBS01

Tot Ion:	101	Resp:	71381
Ion Ratio	Lower	Upper	
101	100		
85	41.5	34.2	51.2
151	73.5	57.0	85.6

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#10

Methyl Iodide

Concen: 19.186 ug/l

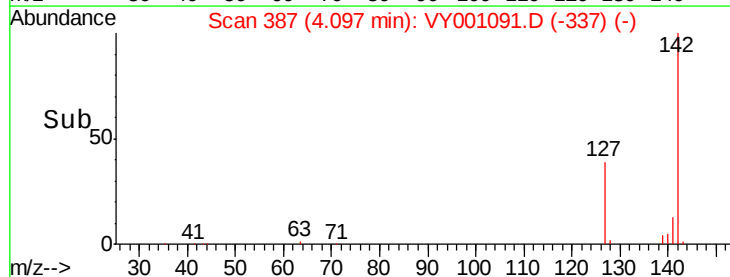
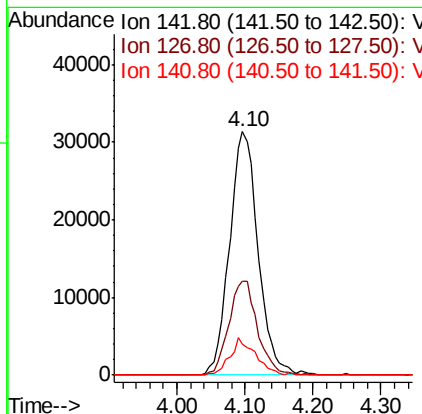
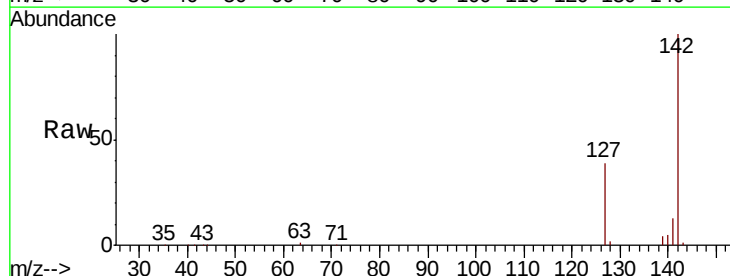
RT: 4.10 min Scan# 387

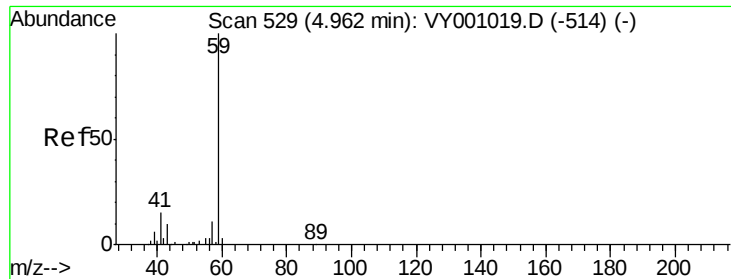
Delta R.T. 0.01 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

Tgt Ion:	142	Resp:	91447
Ion Ratio	Lower	Upper	
142	100		
127	38.8	31.2	46.8
141	13.5	11.0	16.4





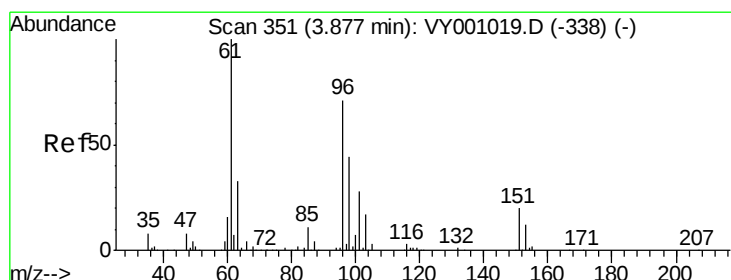
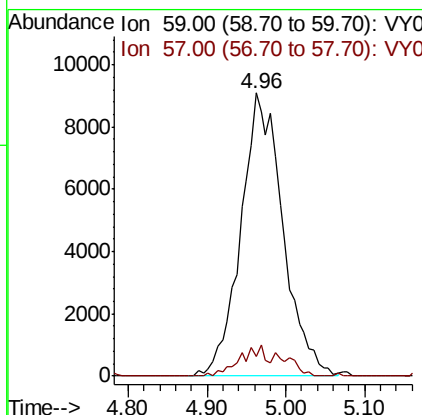
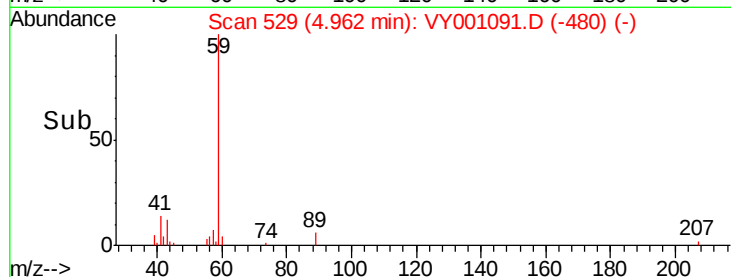
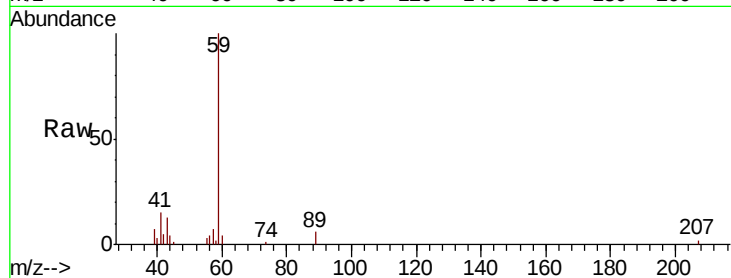
#11
Tert butyl alcohol
Concen: 99.499 ug/l
RT: 4.96 min Scan# 529
Delta R.T. 0.00 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Tot Ion: 59 Resp: 33545
Ion Ratio Lower Upper
59 100
57 6.7 7.8 11.6#

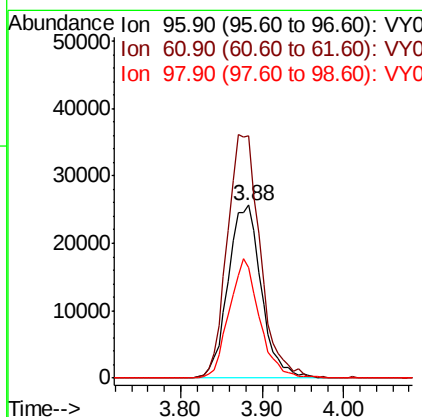
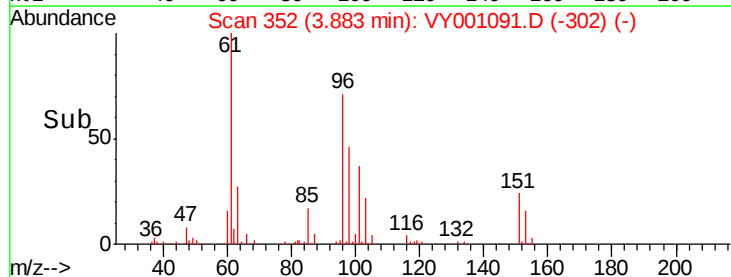
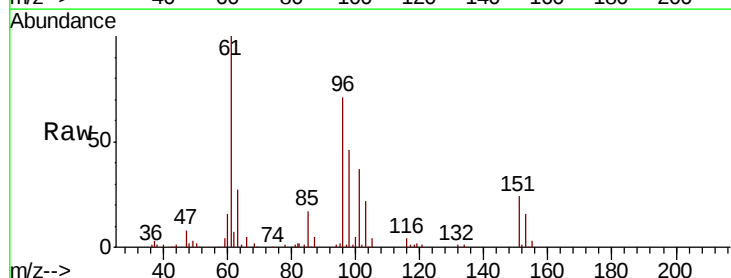
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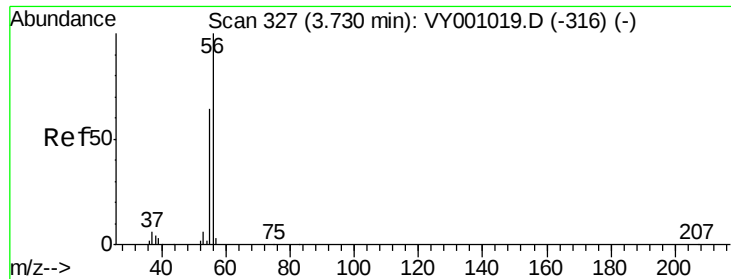
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#12
1,1-Dichloroethene
Concen: 20.633 ug/l
RT: 3.88 min Scan# 352
Delta R.T. 0.01 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Tgt Ion: 96 Resp: 72063
Ion Ratio Lower Upper
96 100
61 140.0 113.0 169.4
98 64.0 49.8 74.8





#13

Acrolein

Concen: 92.863 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1227SBS01

Tot Ion: 56 Resp: 38791

Ion Ratio Lower Upper

56 100

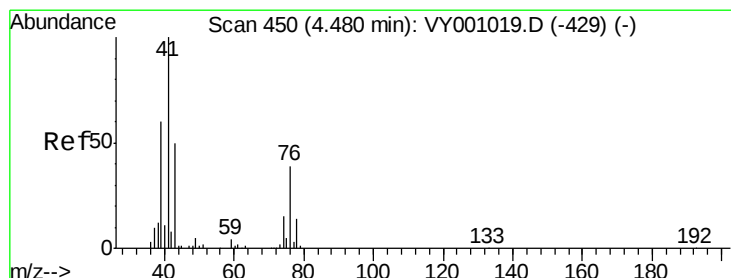
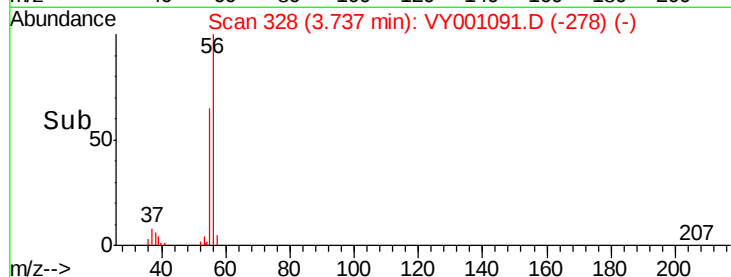
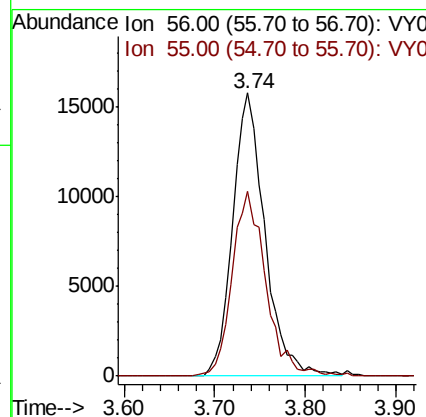
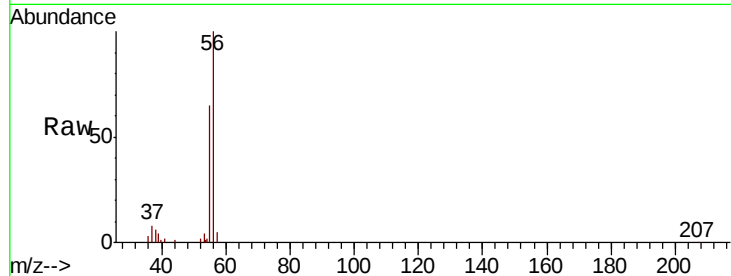
55 67.0 55.6 83.4

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#14

Allyl chloride

Concen: 18.890 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

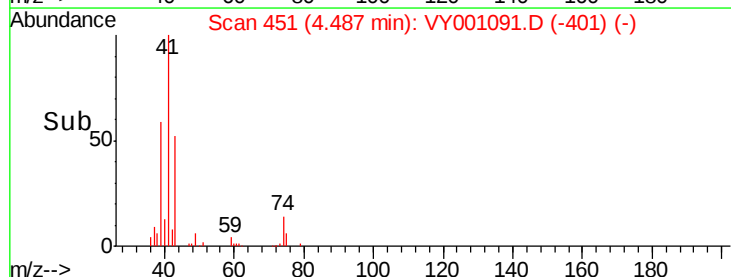
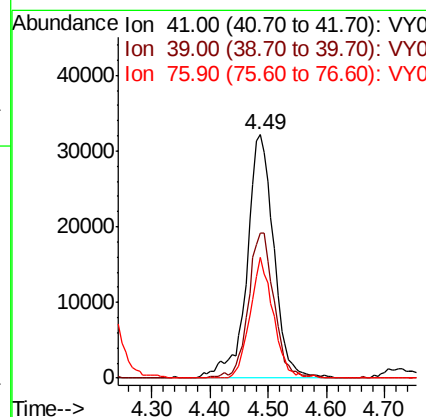
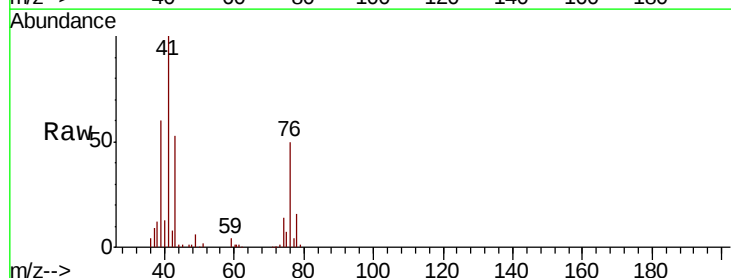
Tgt Ion: 41 Resp: 102493

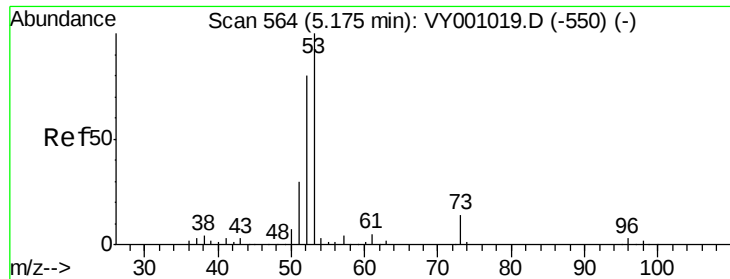
Ion Ratio Lower Upper

41 100

39 57.3 46.0 69.0

76 42.7 32.6 48.8





#15

Acrylonitrile

Concen: 100.113 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.01 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

Instrument :

MSVOA_Y

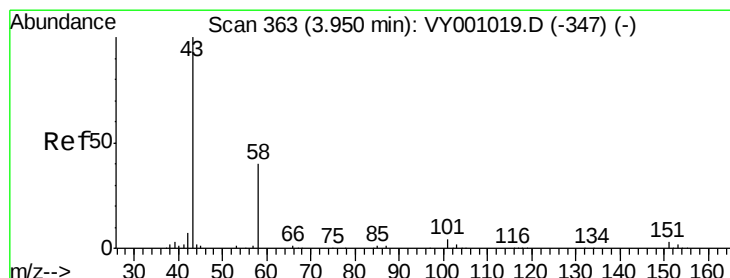
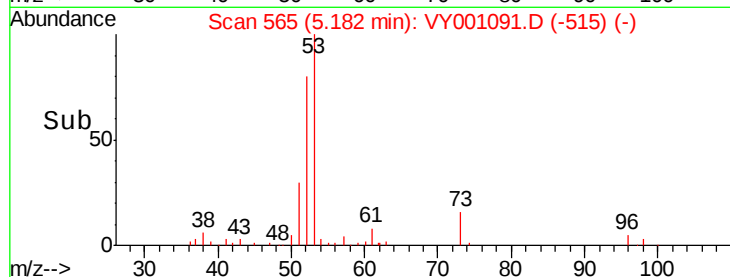
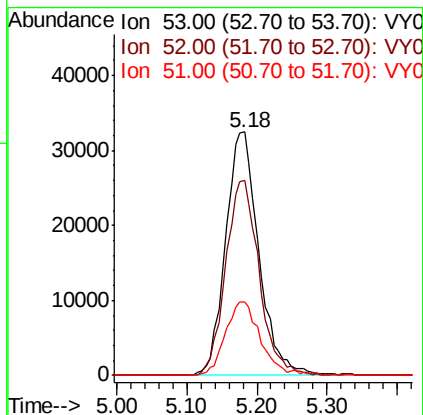
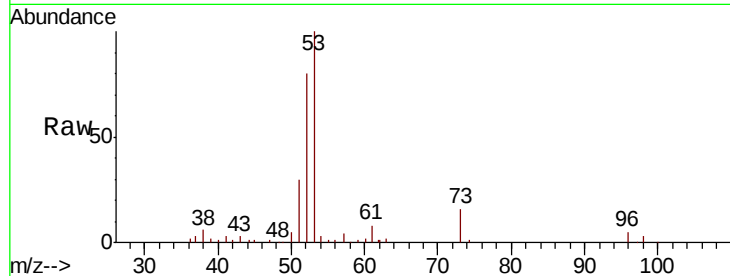
ClientSampleId :

VY1227SBS01

Tot Ion:	53	Resp:	107260
Ion Ratio	Lower	Upper	
53	100		
52	80.4	63.6	95.4
51	31.8	26.7	40.1

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#16

Acetone

Concen: 102.865 ug/l

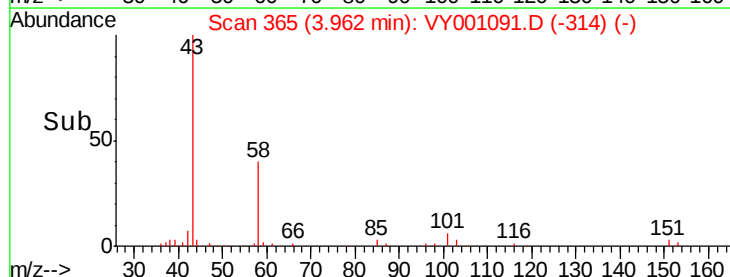
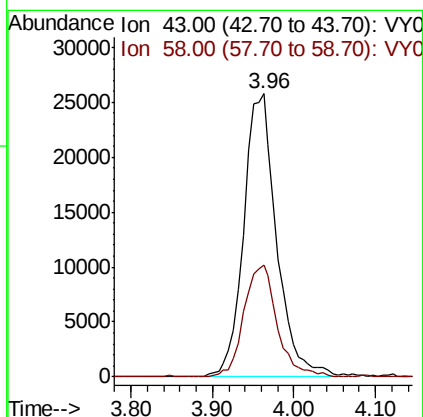
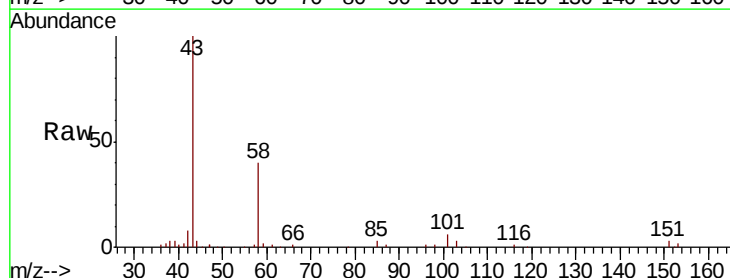
RT: 3.96 min Scan# 365

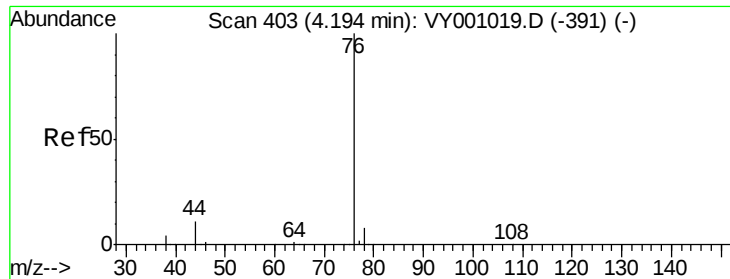
Delta R.T. 0.01 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

Tgt Ion:	43	Resp:	72661
Ion Ratio	Lower	Upper	
43	100		
58	39.6	32.1	48.1





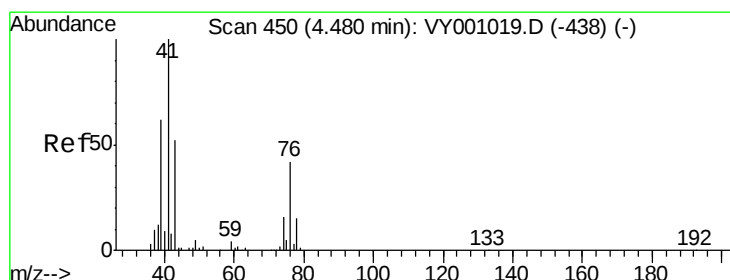
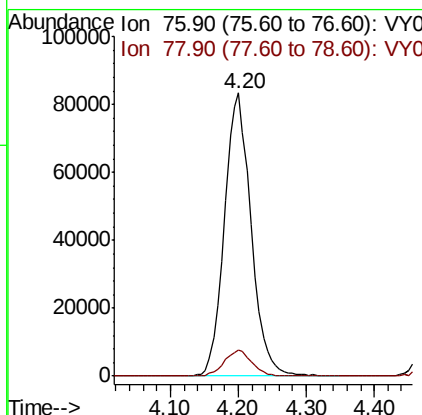
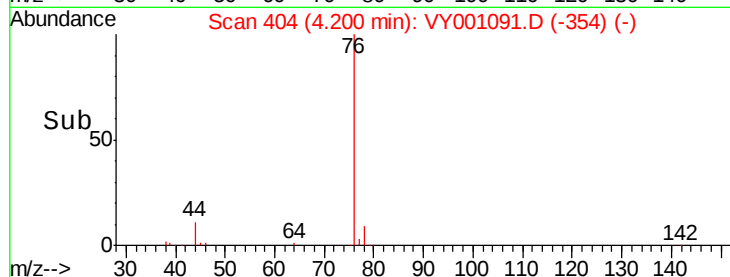
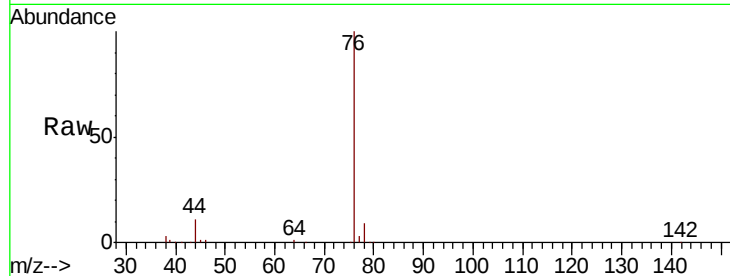
#17
Carbon Disulfide
Concen: 19.822 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Tot Ion: 76 Resp: 226219
Ion Ratio Lower Upper
76 100
78 9.2 6.7 10.1

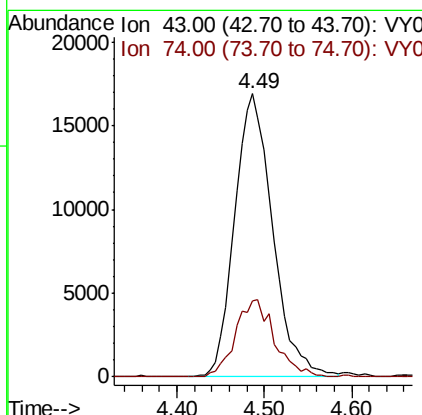
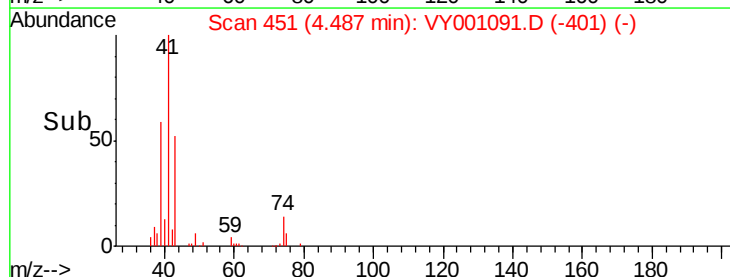
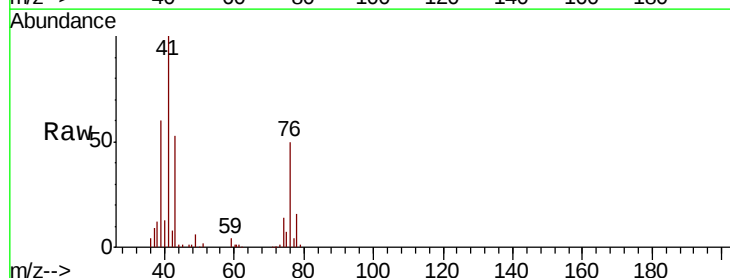
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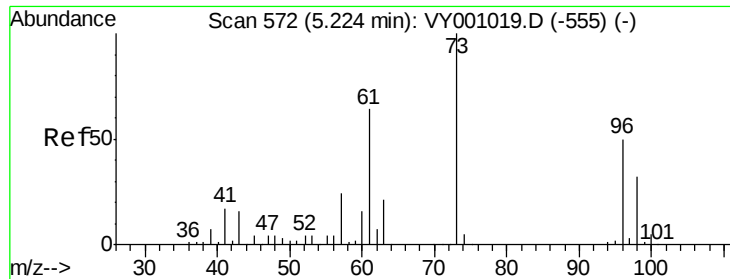
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#18
Methyl Acetate
Concen: 18.894 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Tgt Ion: 43 Resp: 51202
Ion Ratio Lower Upper
43 100
74 27.9 20.7 31.1





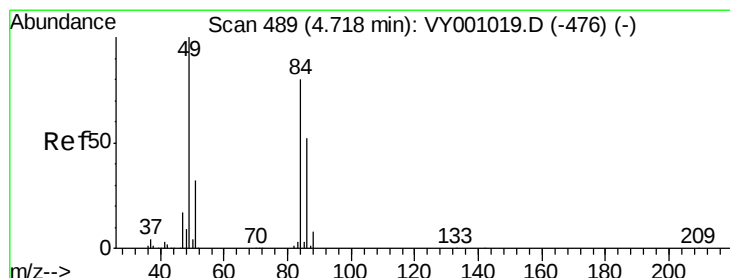
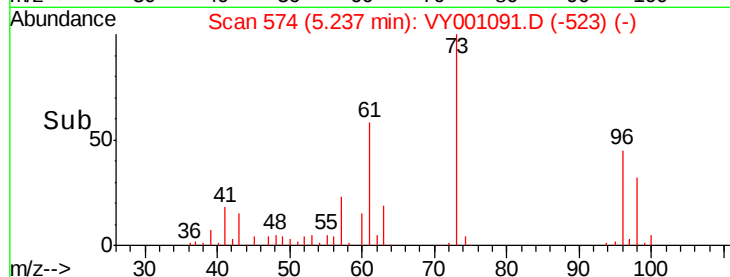
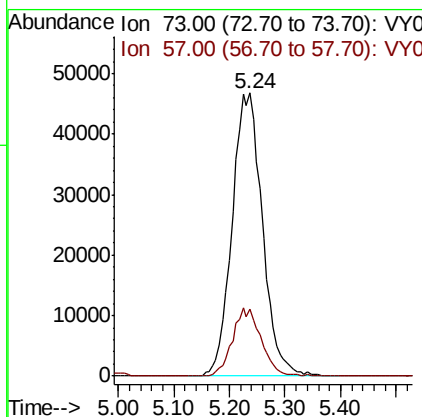
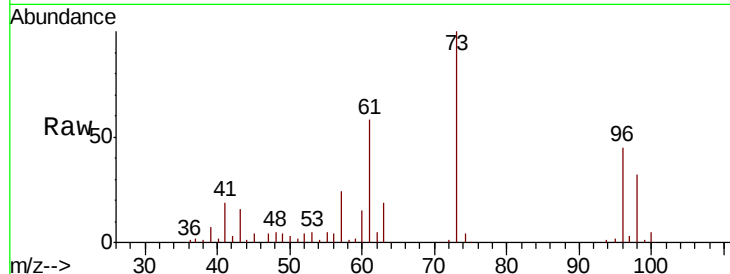
#19
Methvl tert-butvl Ether
Concen: 19.583 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.01 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Tot Ion: 73 Resp: 176531
Ion Ratio Lower Upper
73 100
57 23.8 19.0 28.6

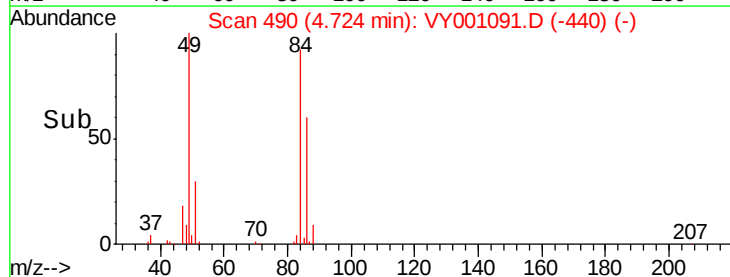
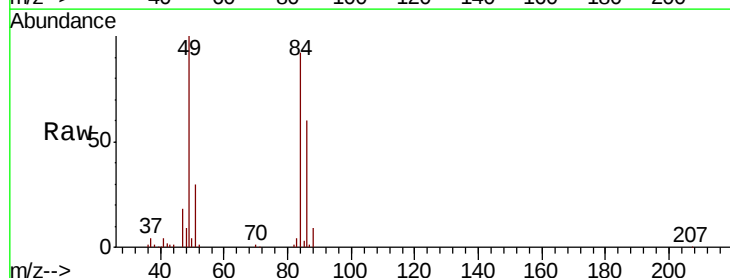
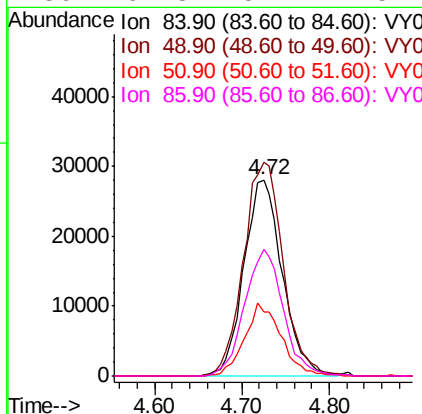
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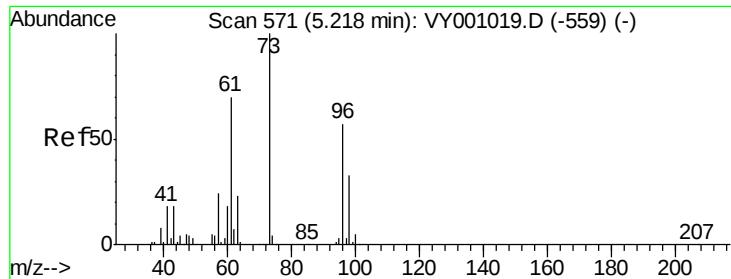
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#20
Methylene Chloride
Concen: 20.656 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Tgt Ion: 84 Resp: 85883
Ion Ratio Lower Upper
84 100
49 108.7 99.8 149.6
51 32.5 31.4 47.2
86 64.8 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 20.432 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1227SBS01

Tot Ion: 96 Resp: 79085

Ion Ratio Lower Upper

96 100

61 119.1 98.1 147.1

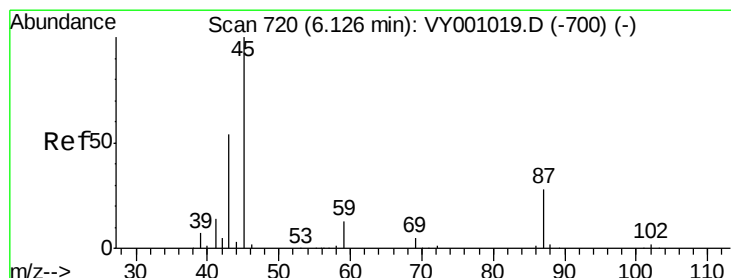
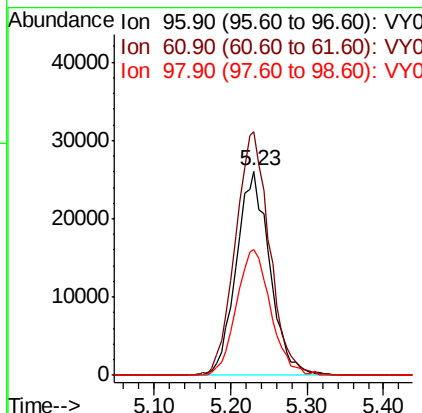
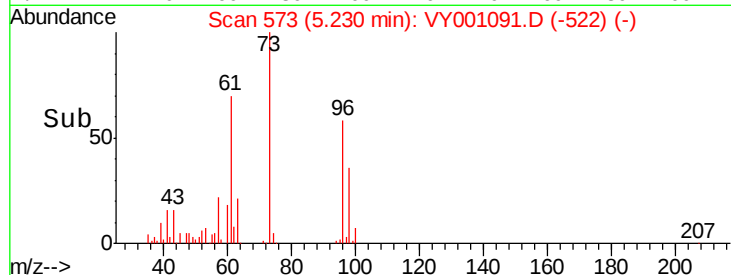
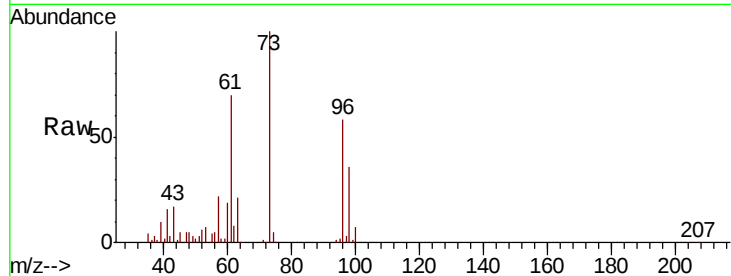
98 61.6 47.2 70.8

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#22

Diisopropyl ether

Concen: 18.927 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.01 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

Tgt Ion: 45 Resp: 207569

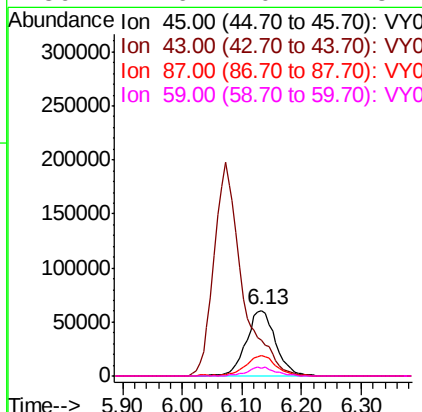
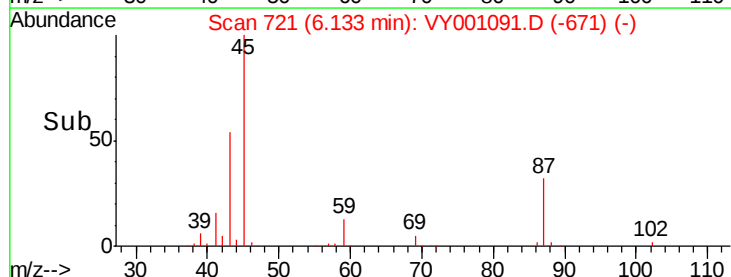
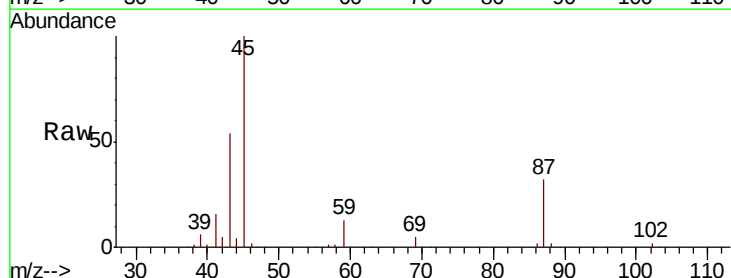
Ion Ratio Lower Upper

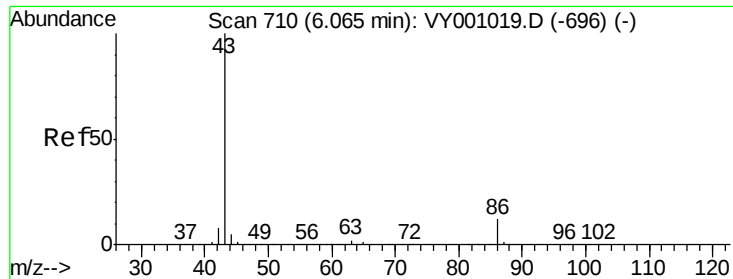
45 100

43 54.2 43.6 65.4

87 31.7 23.1 34.7

59 12.6 10.2 15.4





#23

Vinyl Acetate

Concen: 93.251 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.01 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1227SBS01

Tot Ion: 43 Resp: 645851

Ion Ratio Lower Upper

43 100

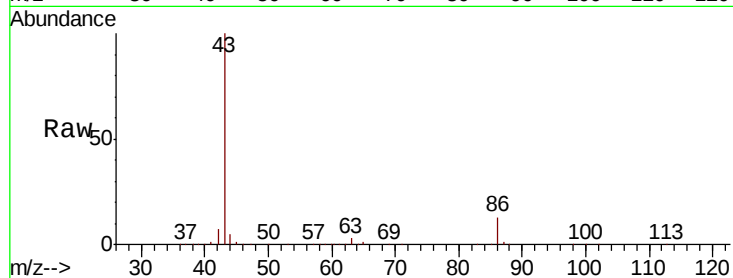
86 13.0 9.5 14.3

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.07

200000

150000

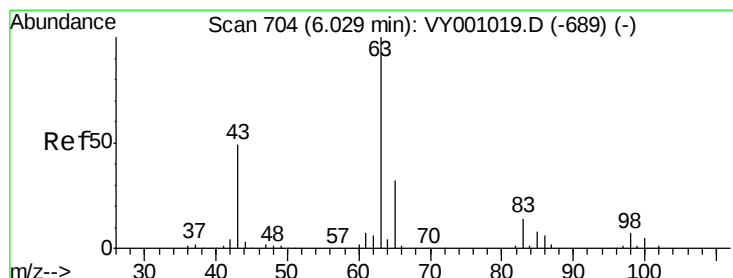
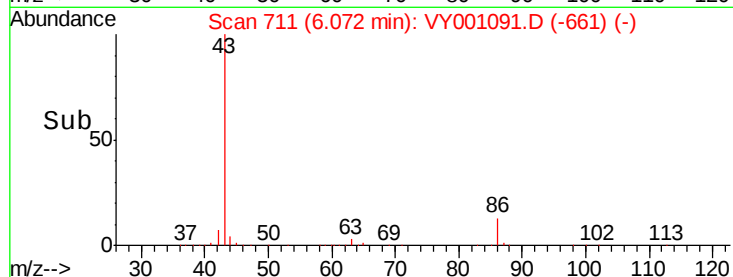
100000

50000

0

5.90 6.00 6.10 6.20 6.30

Time-->



#24

1,1-Dichloroethane

Concen: 19.588 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

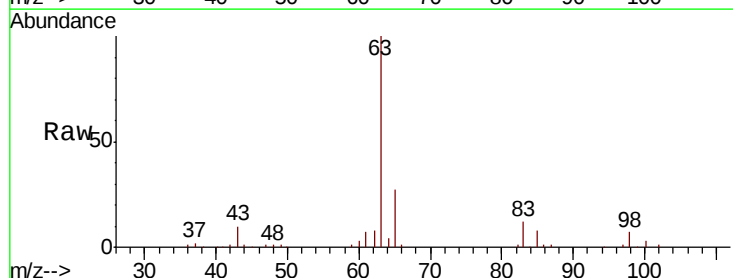
Tgt Ion: 63 Resp: 126948

Ion Ratio Lower Upper

63 100

98 6.9 3.8 11.2

100 3.1 2.5 7.5



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

6.02

50000

40000

30000

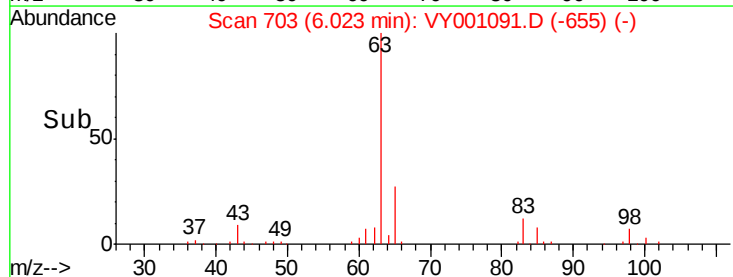
20000

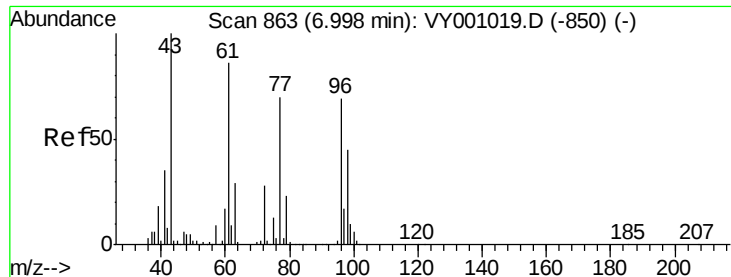
10000

0

5.90 6.00 6.10 6.20

Time-->





#25

2-Butanone

Concen: 96.233 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1227SBS01

Tot Ion: 43 Resp: 119417

Ion Ratio Lower Upper

43 100

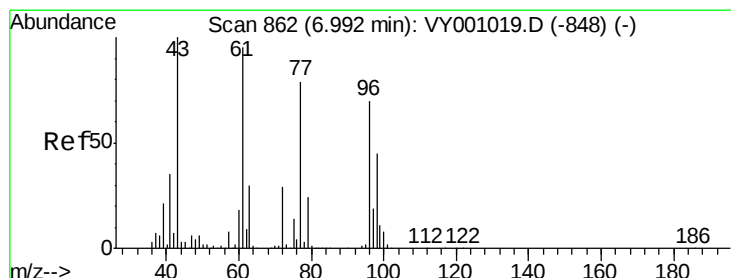
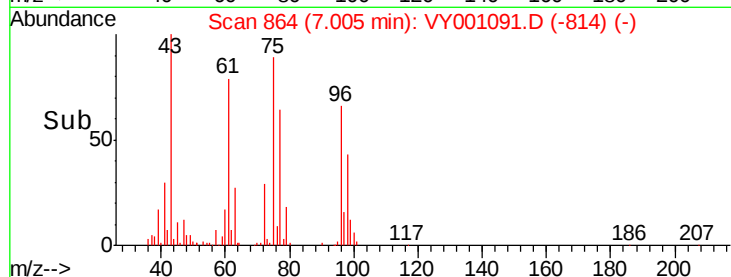
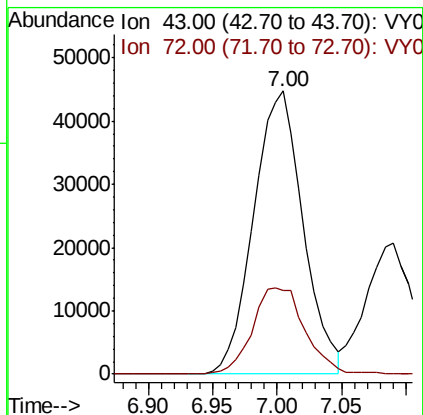
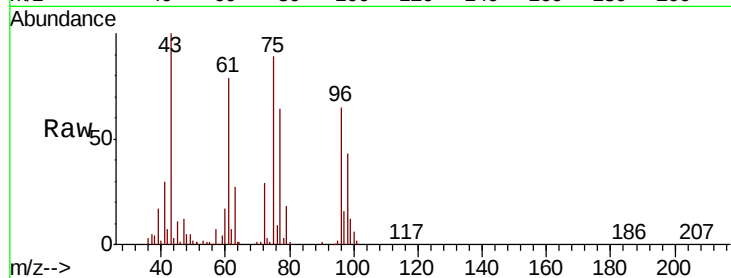
72 29.4 22.4 33.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.567 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY001091.D

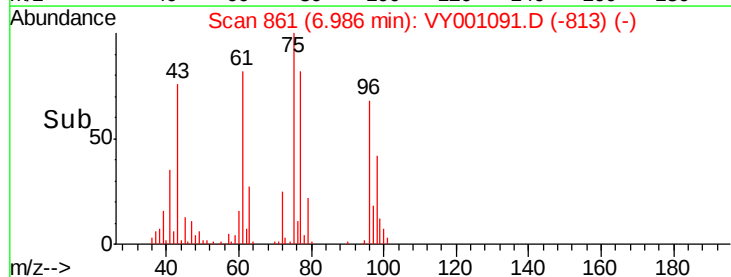
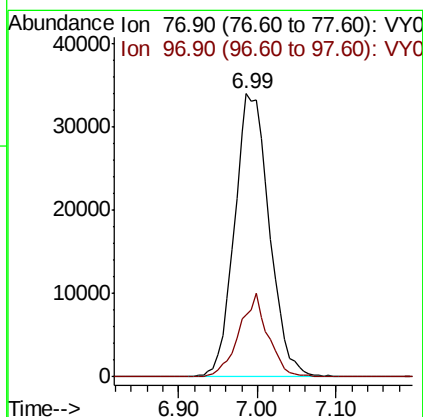
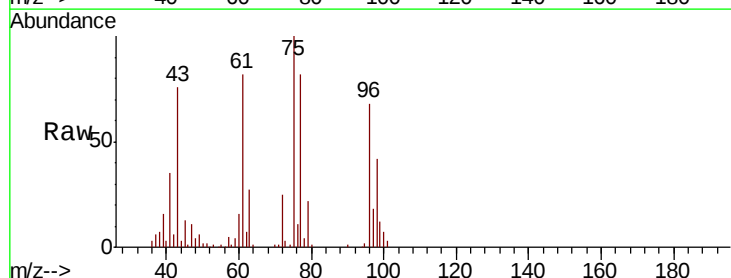
Acq: 27 Dec 2019 12:46

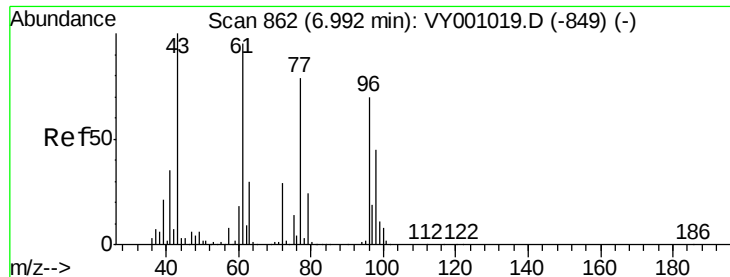
Tgt Ion: 77 Resp: 104184

Ion Ratio Lower Upper

77 100

97 24.3 12.0 36.1





#27

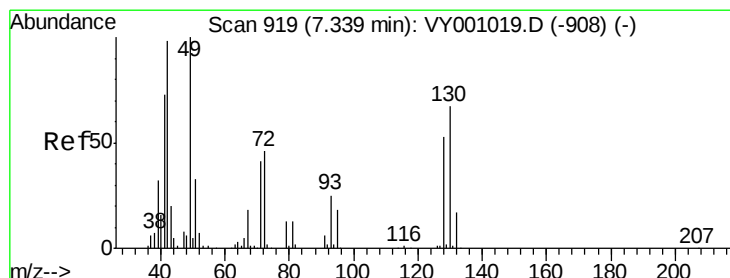
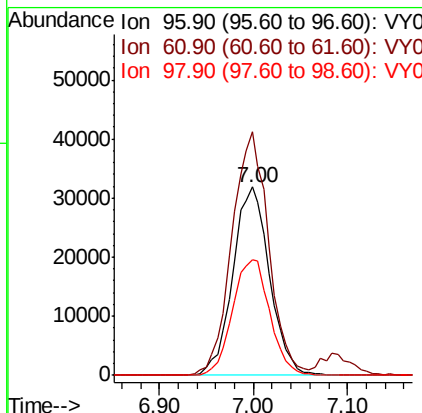
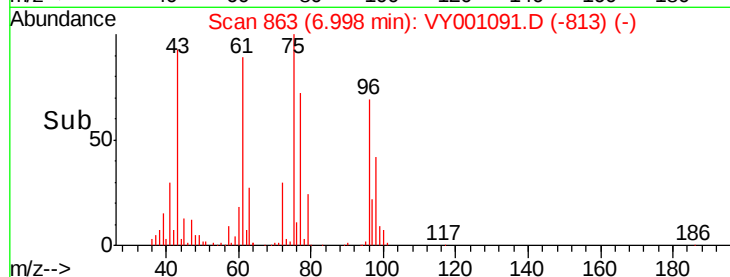
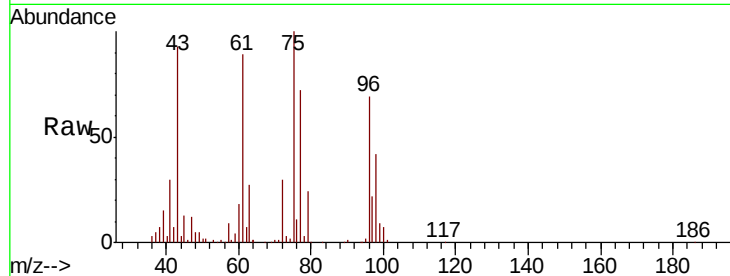
cis-1,2-Dichloroethene
Concen: 20.356 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	129.5	0.0	268.2	
98	62.2	0.0	129.2	

Manual Integrations
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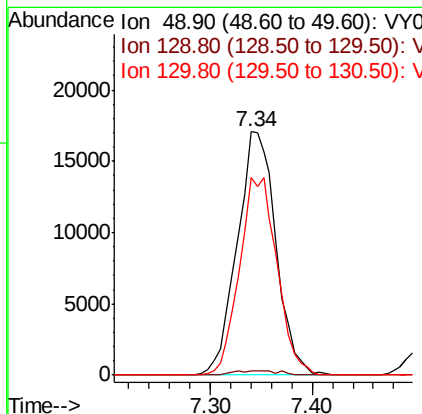
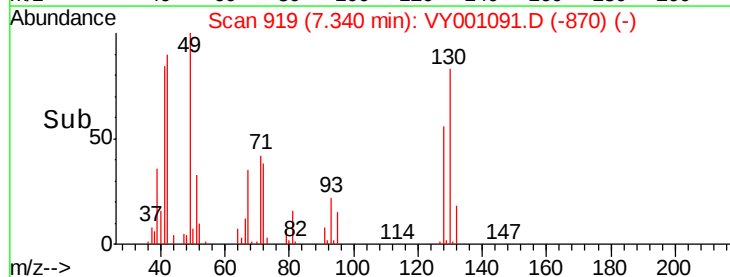
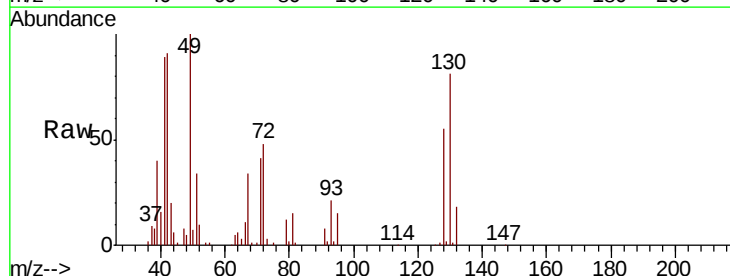
apatel
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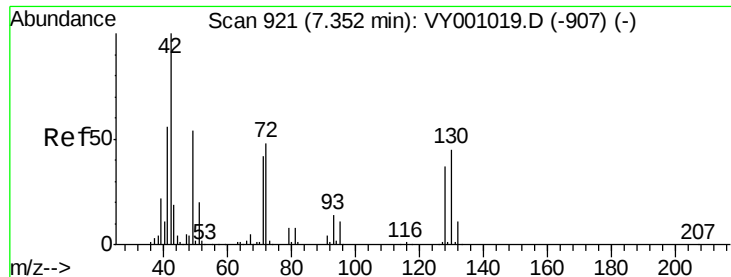


#28

Bromochloromethane
Concen: 17.778 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.1	0.0	3.8	
130	78.9	60.4	90.6	





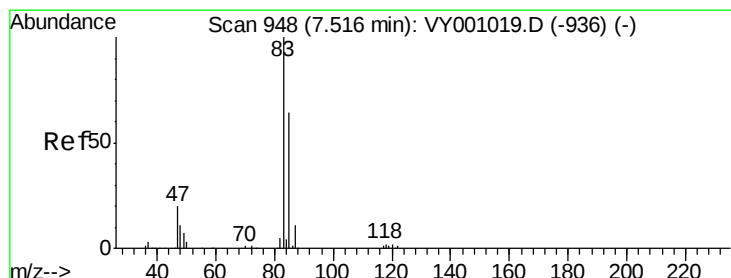
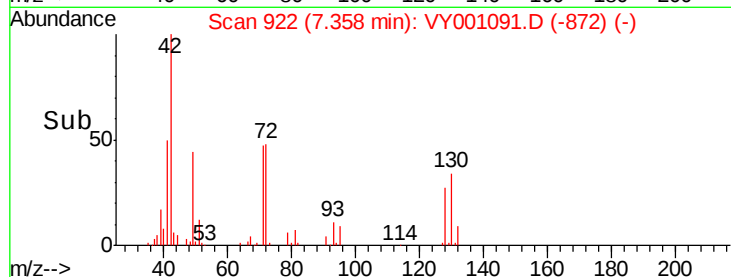
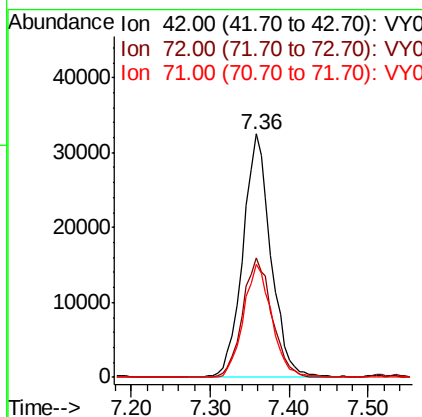
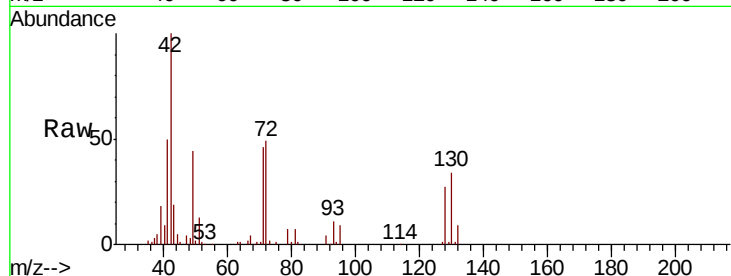
#29
Tetrahydrofuran
Concen: 91.402 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.8	37.7	56.5
71	46.7	34.6	51.8

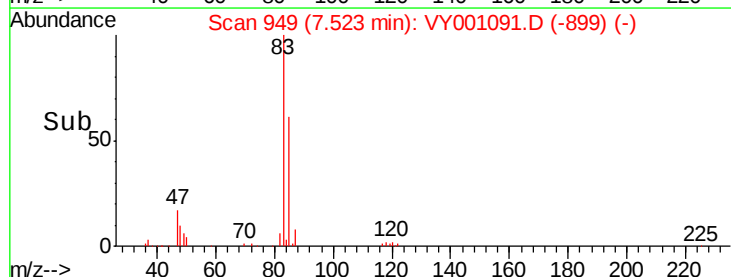
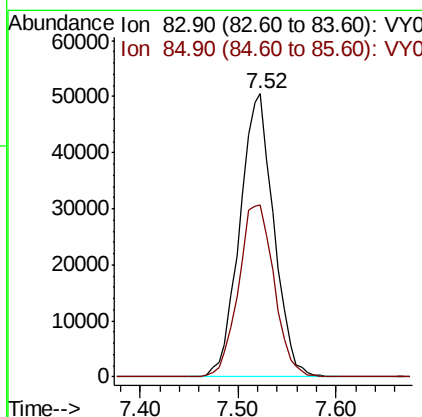
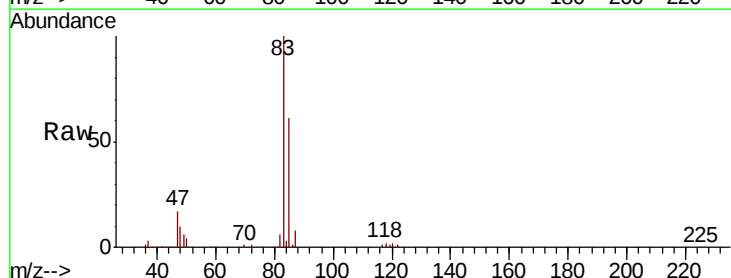
Manual Integrations
APPROVED

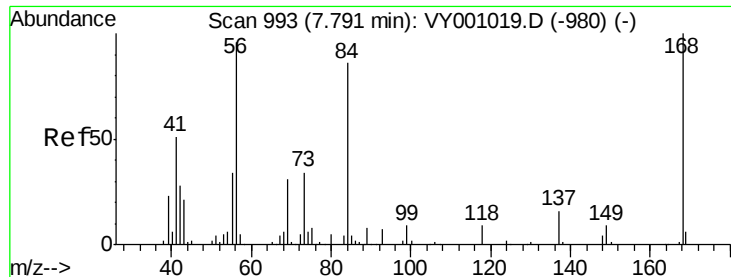
apatel
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#30
Chloroform
Concen: 19.832 ug/l
RT: 7.52 min Scan# 949
Delta R.T. 0.01 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.9	51.6	77.4





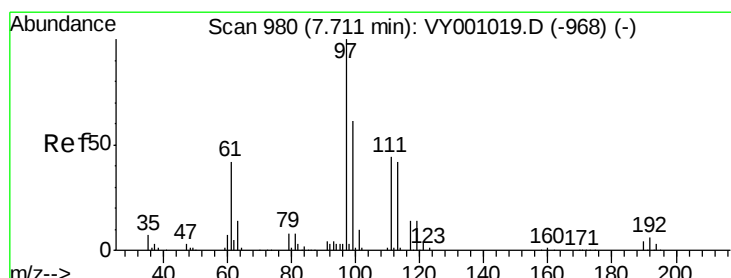
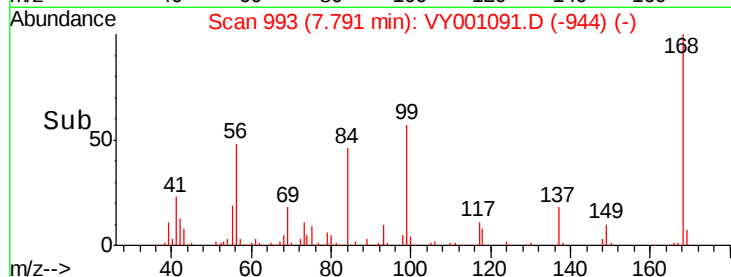
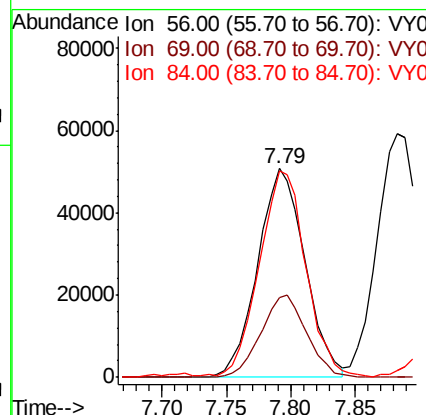
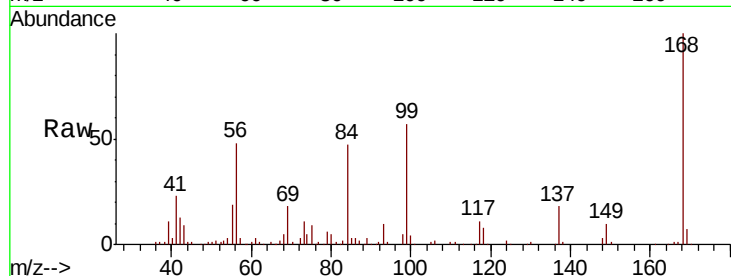
#31
Cyclohexane
Concen: 18.950 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	38.4	26.1	39.1
84	98.2	71.8	107.8

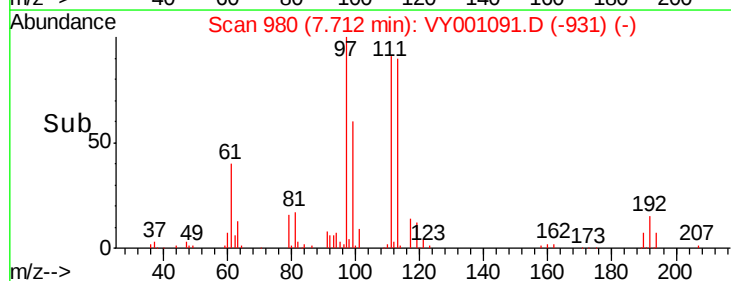
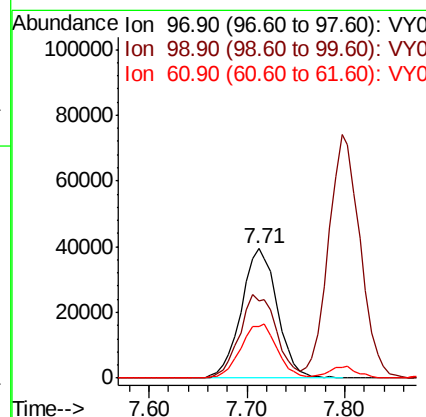
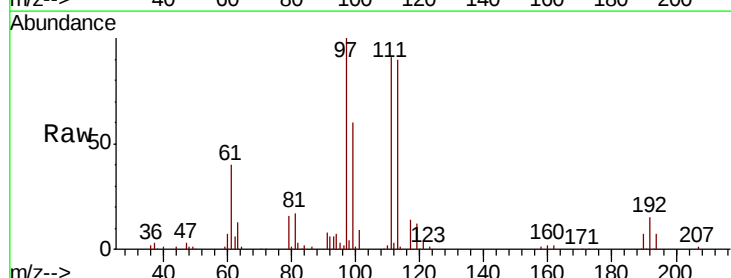
Manual Integrations
APPROVED

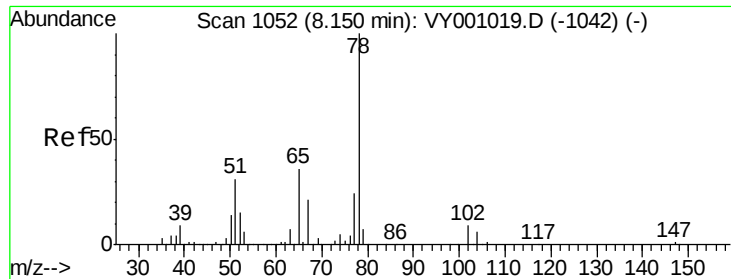
apatel
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#32
1,1,1-Trichloroethane
Concen: 19.240 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.00 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.6	50.6	76.0
61	41.9	33.0	49.6





#33

1,2-Dichloroethane-d4

Concen: 47.249 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1227SBS01

Tot Ion: 65 Resp: 144876

Ion Ratio Lower Upper

65 100

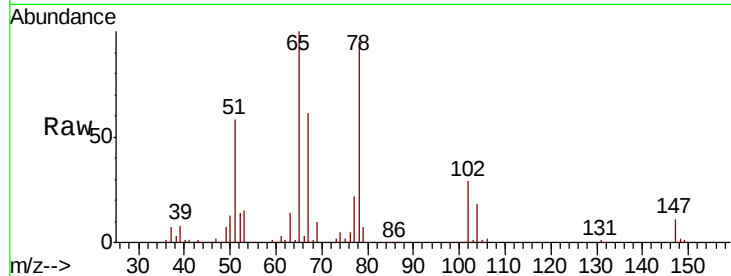
67 59.0 0.0 112.8

Manual Integrations

APPROVED

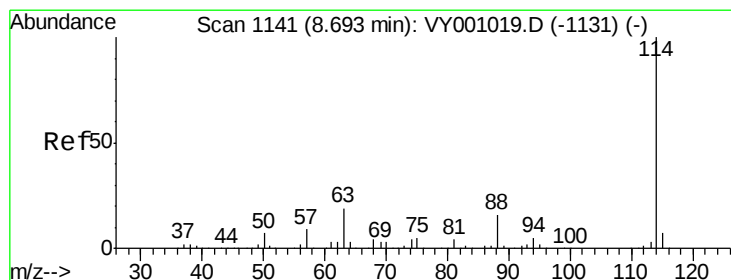
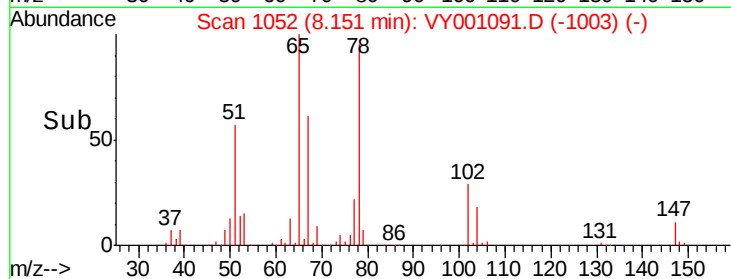
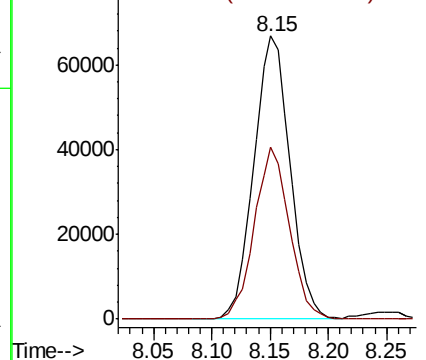
apatel

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Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.01 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

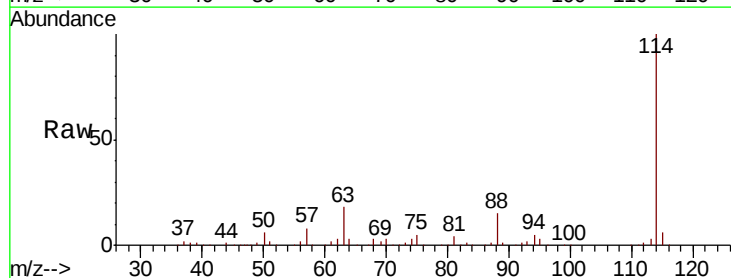
Tgt Ion: 114 Resp: 538077

Ion Ratio Lower Upper

114 100

63 18.1 0.0 37.0

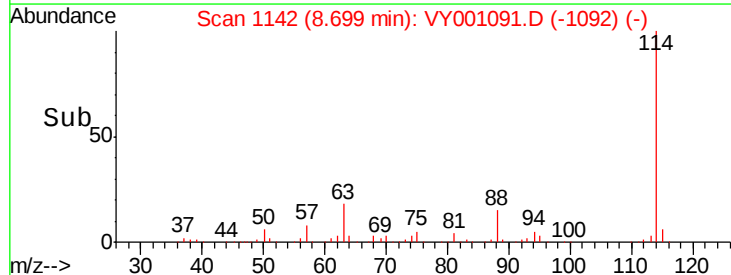
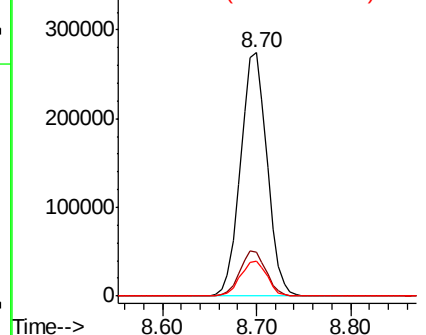
88 14.6 0.0 32.0

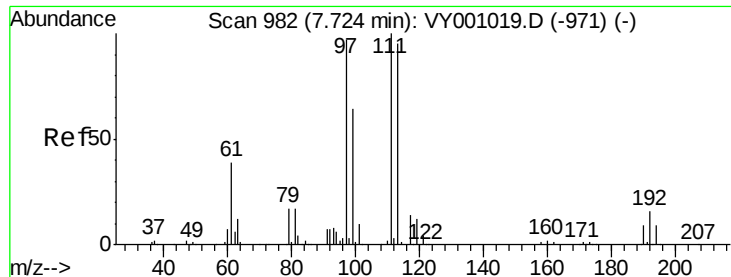


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





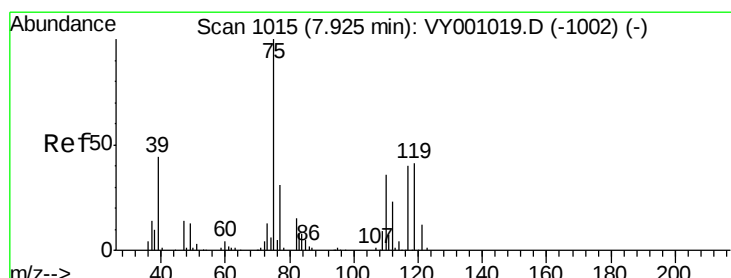
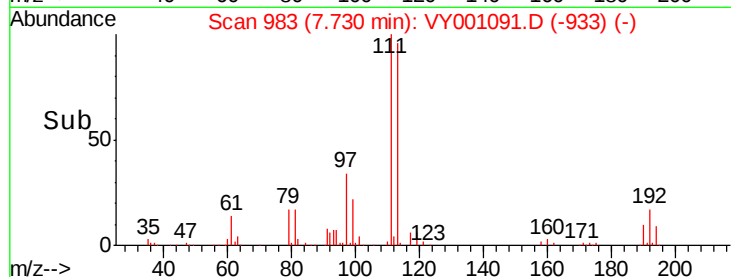
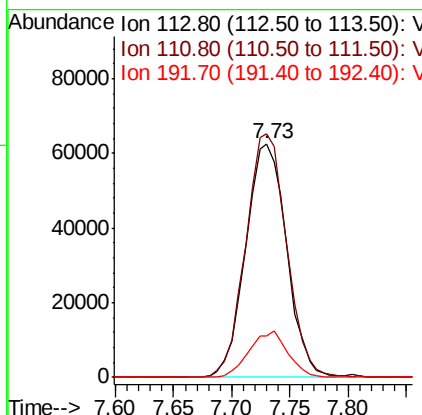
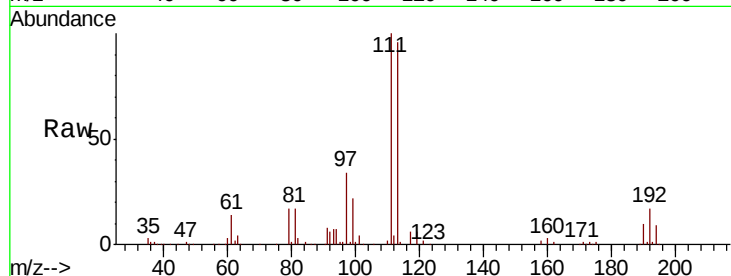
#35
Dibromofluoromethane
Concen: 48.369 ug/l
RT: 7.73 min Scan# 983
Delta R.T. 0.01 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	153256		
111	104.1	83.0	124.4	
192	18.8	14.6	21.8	

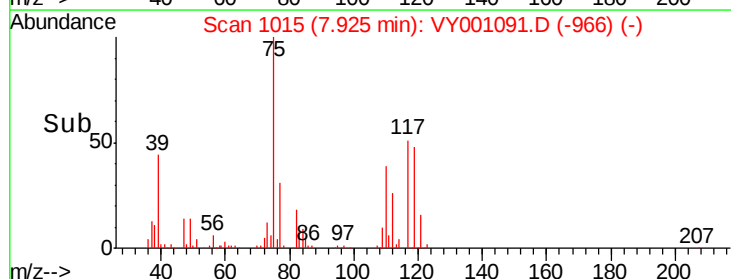
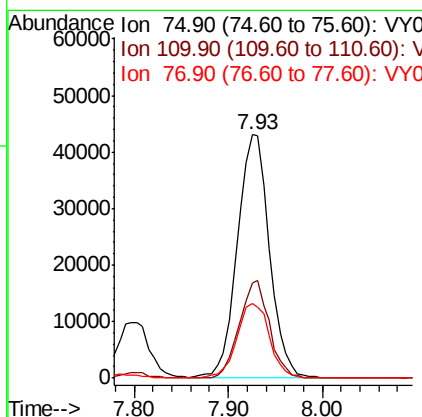
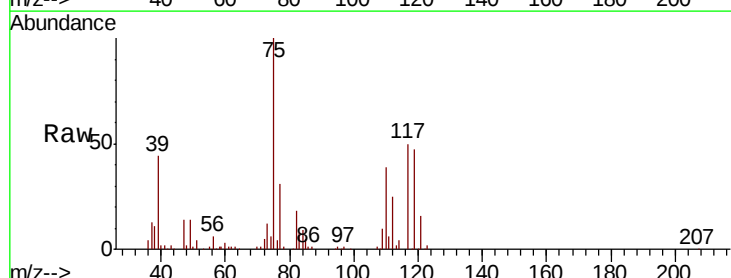
Manual Integrations
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#36
1,1-Dichloropropene
Concen: 20.016 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	102744		
110	37.4	18.1	54.4	
77	31.1	24.6	37.0	





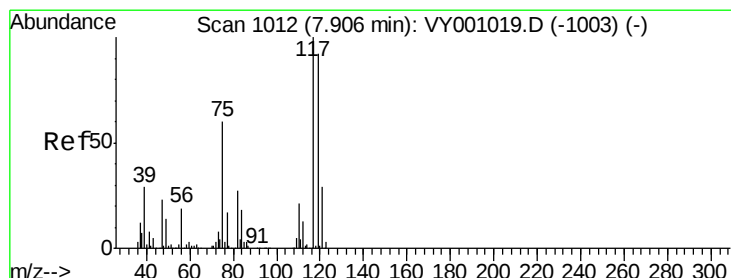
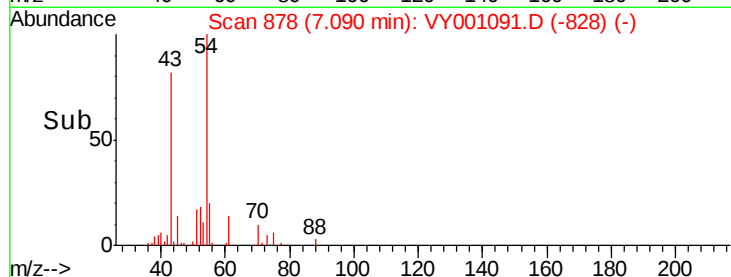
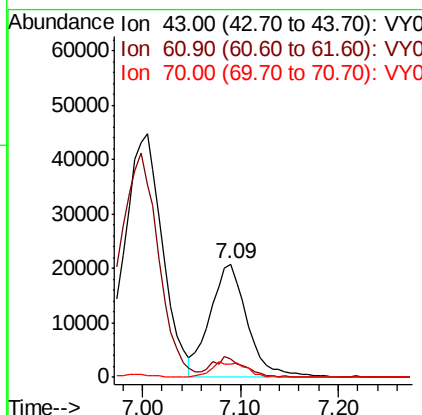
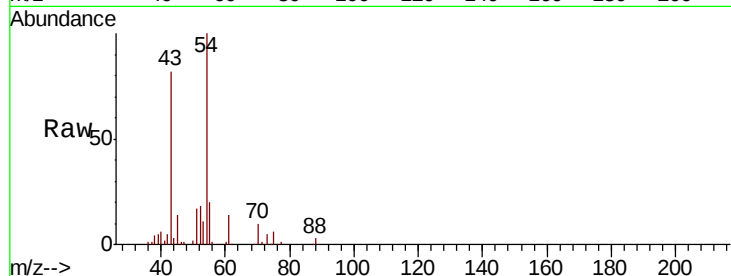
#37
Ethyl Acetate
Concen: 19.351 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.01 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	12.5	18.7
70	12.9	9.0	13.4

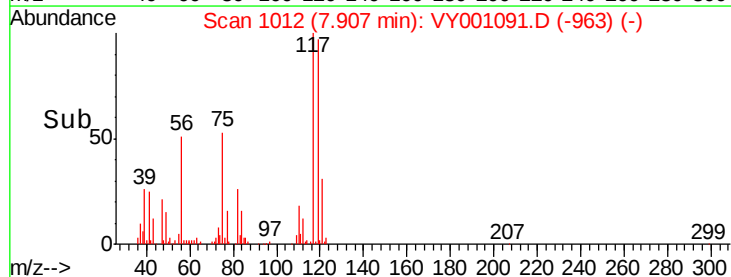
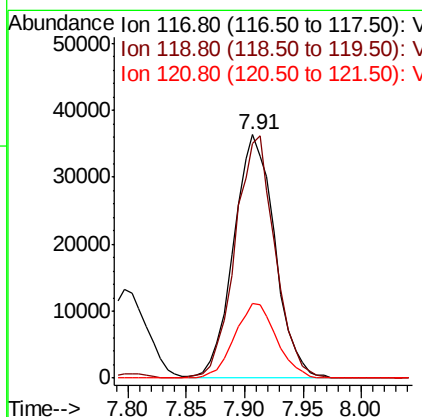
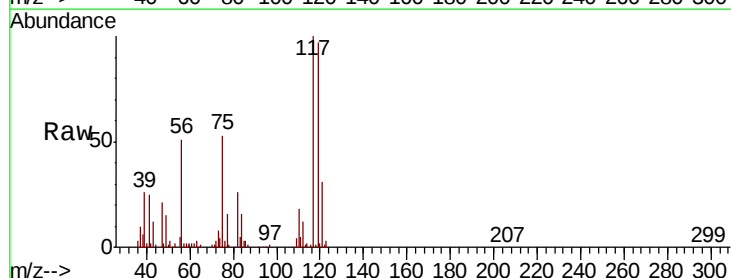
Manual Integrations
APPROVED

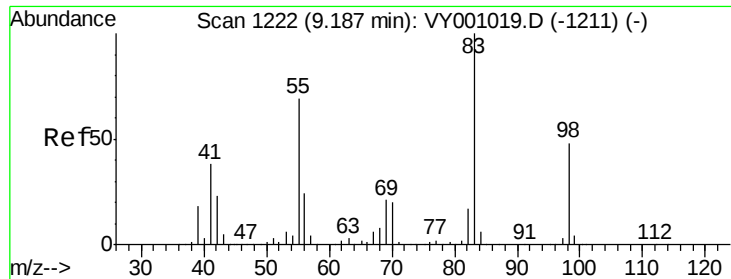
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#38
Carbon Tetrachloride
Concen: 19.932 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	74.2	111.2
121	30.7	22.9	34.3





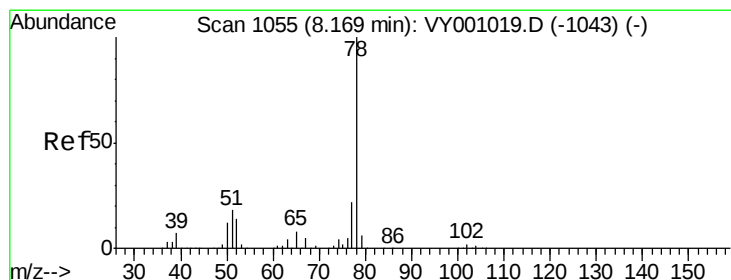
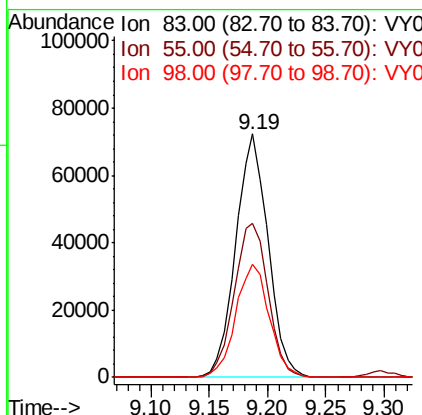
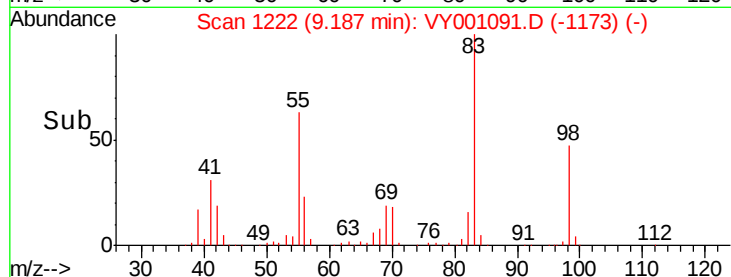
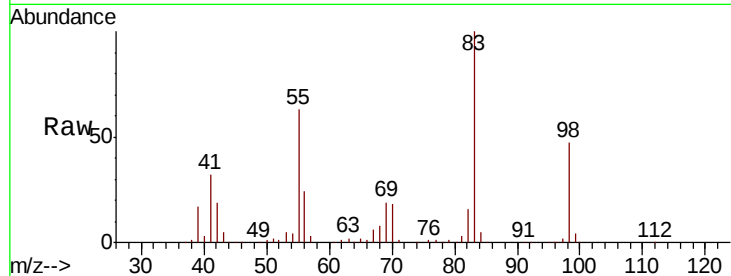
#39
Methvlcvclohexane
Concen: 20.541 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	63.3	55.1	82.7	
98	46.5	38.3	57.5	

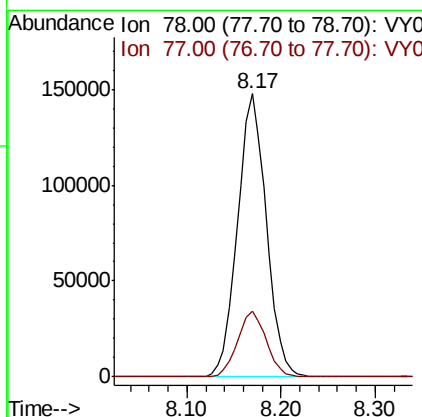
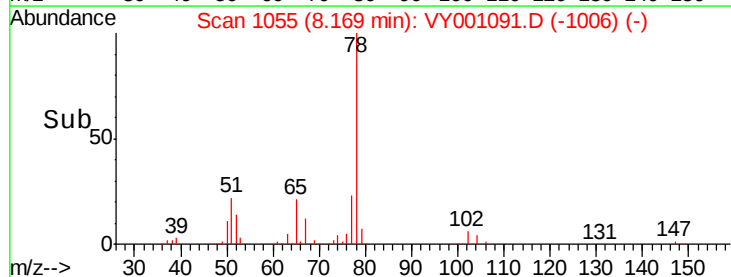
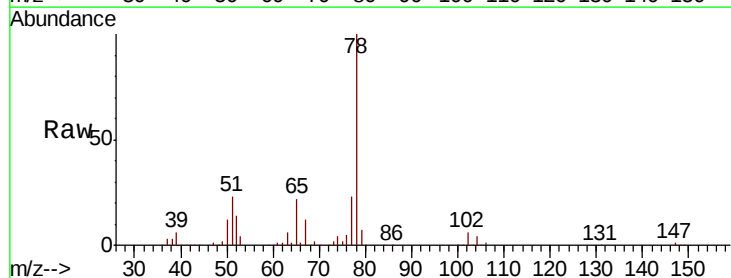
Manual Integrations
APPROVED

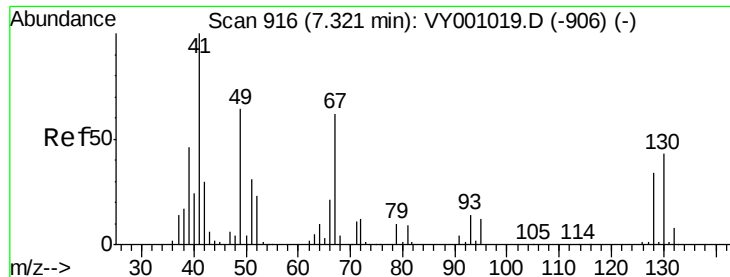
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#40
Benzene
Concen: 20.336 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.3	17.7	26.5	





#41

Methacrylonitrile

Concen: 17.524 ug/l m

RT: 7.32 min Scan# 916

Delta R.T. 0.00 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

Tot Ion: 41 Resp: 21595

Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

Instrument :

MSVOA_Y

ClientSampleId :

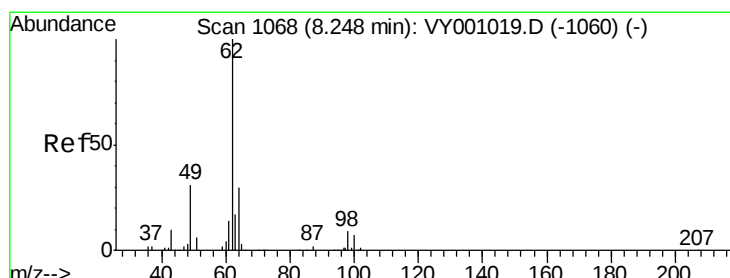
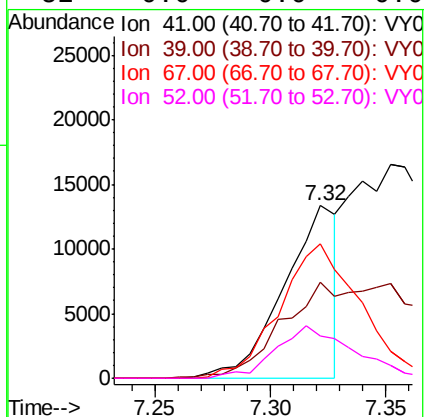
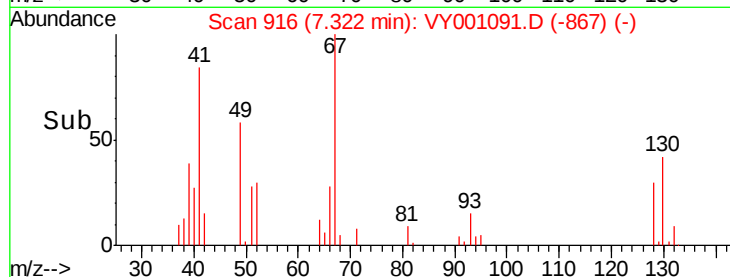
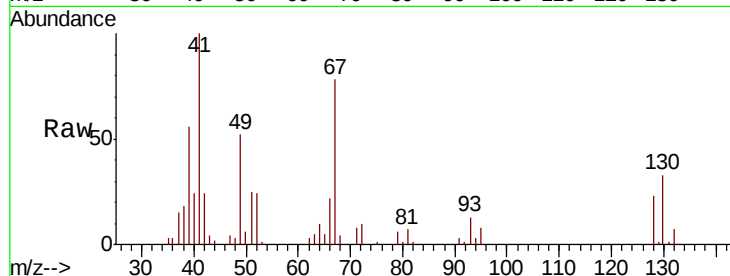
VY1227SBS01

Manual Integrations

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#42

1,2-Dichloroethane

Concen: 19.561 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VY001091.D

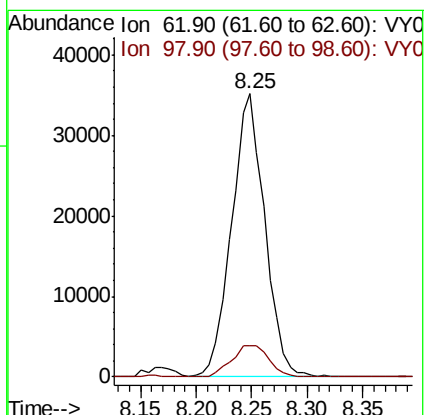
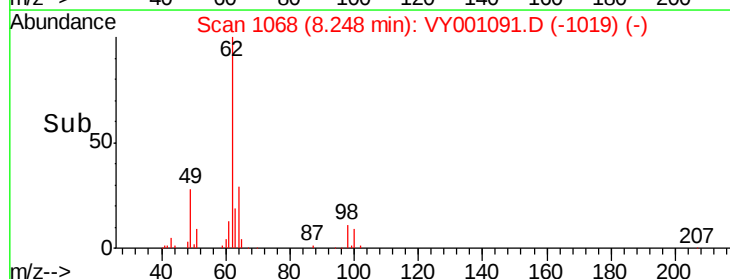
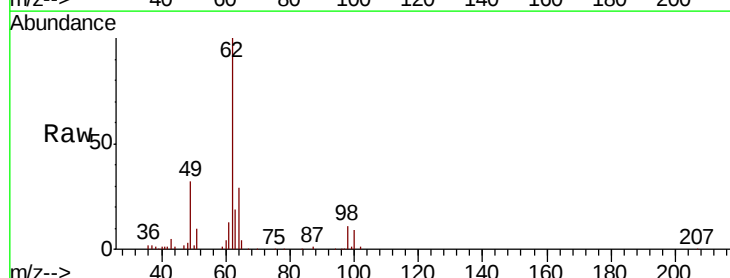
Acq: 27 Dec 2019 12:46

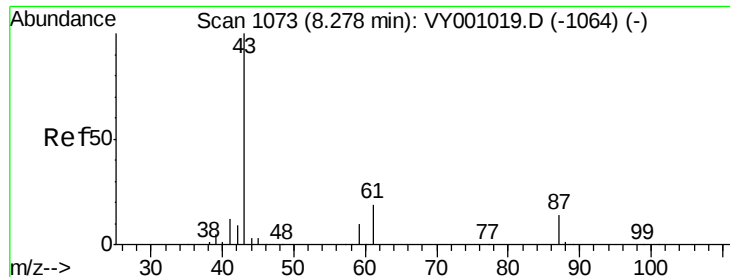
Tgt Ion: 62 Resp: 72425

Ion Ratio Lower Upper

62 100

98 12.4 0.0 23.4





#43

Isopropyl Acetate

Concen: 18.604 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. 0.01 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

Instrument :

MSVOA_Y

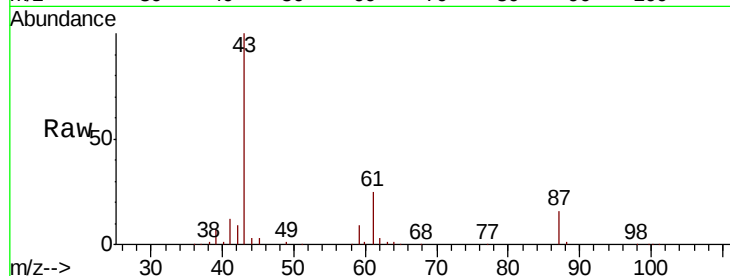
ClientSampleId :

VY1227SBS01

Tot Ion:	43	Resp:	97889
Ion	Ratio	Lower	Upper
43	100		
61	33.8	25.0	37.6
87	16.0	12.0	18.0

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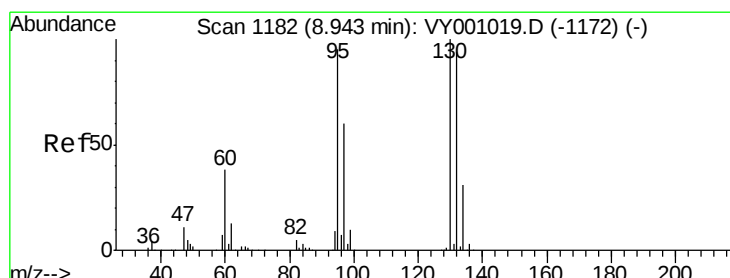
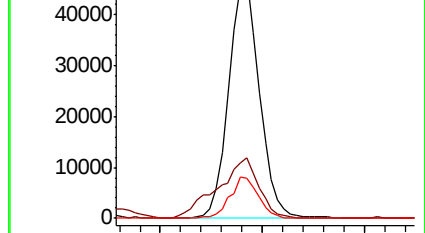
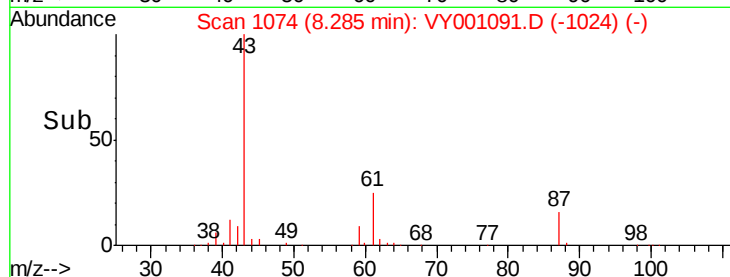


Abundance Ion 43.00 (42.70 to 43.70): VY001019.D (-1064) (-)

Ion 61.00 (60.70 to 61.70): VY001019.D (-1064) (-)

Ion 87.00 (86.70 to 87.70): VY001019.D (-1064) (-)

Time-->



#44

Trichloroethene

Concen: 20.370 ug/l

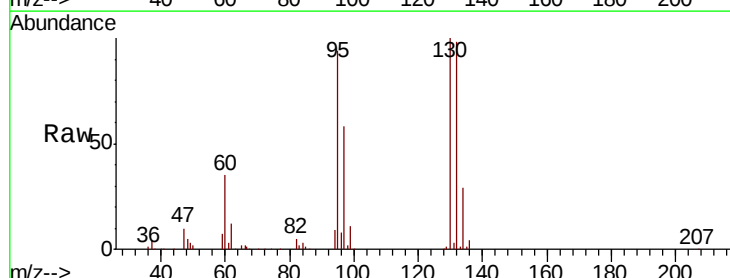
RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

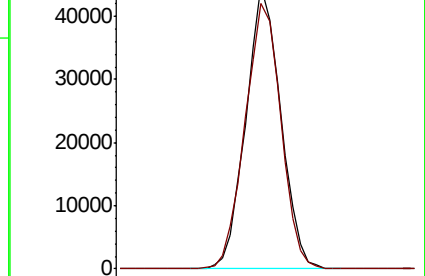
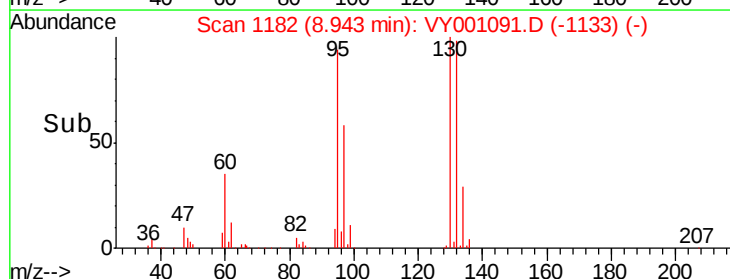
Tgt Ion:	130	Resp:	83117
Ion	Ratio	Lower	Upper
130	100		
95	93.7	0.0	190.6

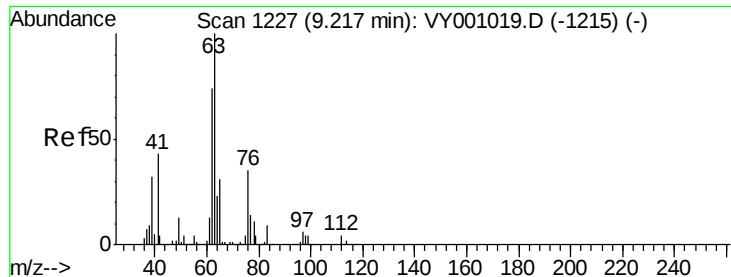


Abundance Ion 129.80 (129.50 to 130.50): VY001019.D (-1172) (-)

Ion 94.90 (94.60 to 95.60): VY001019.D (-1172) (-)

Time-->





#45

1,2-Dichloropropane

Concen: 19.301 ug/l

RT: 9.22 min Scan# 1228

Delta R.T. 0.01 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1227SBS01

Tot Ion: 63 Resp: 74982

Ion Ratio Lower Upper

63 100

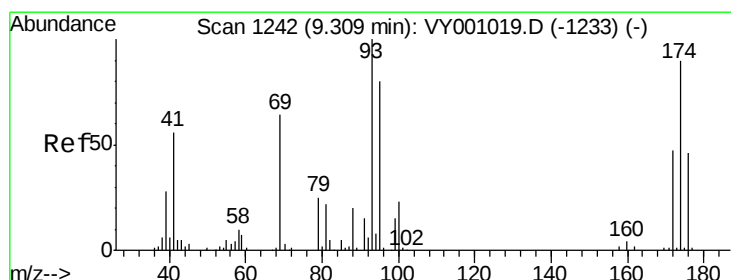
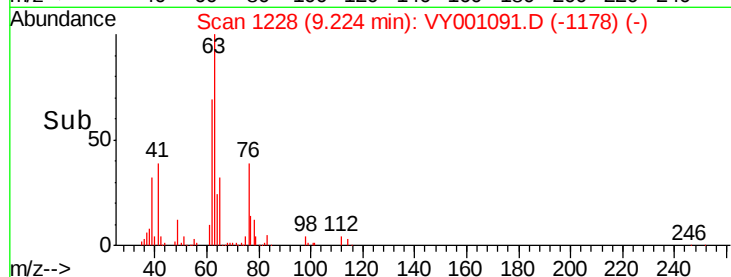
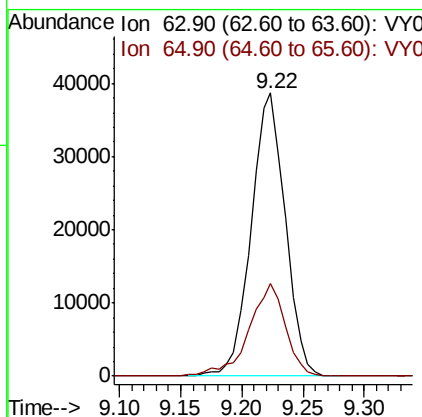
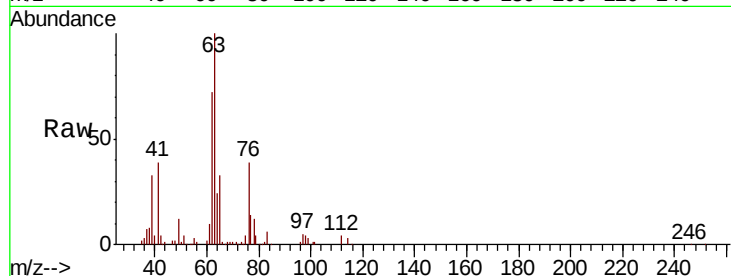
65 32.7 25.1 37.7

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#46

Dibromomethane

Concen: 20.325 ug/l

RT: 9.31 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

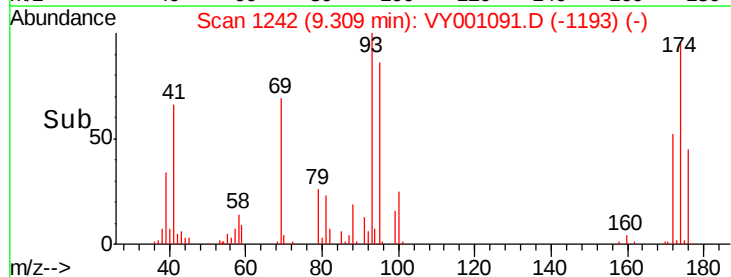
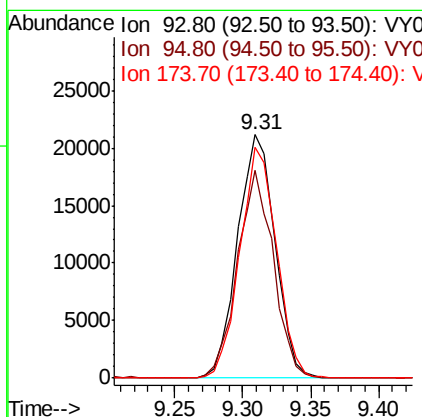
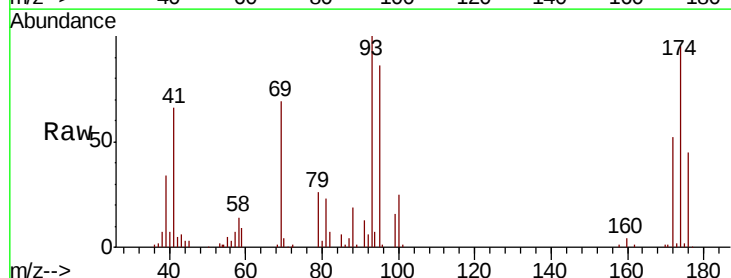
Tgt Ion: 93 Resp: 40704

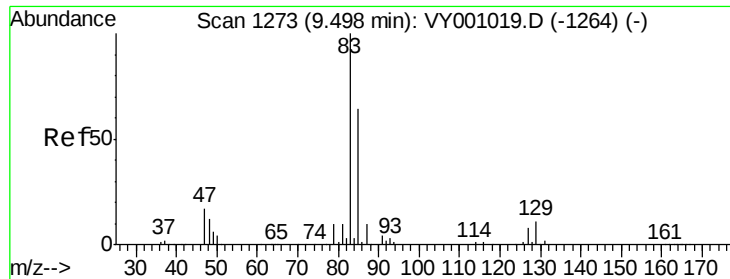
Ion Ratio Lower Upper

93 100

95 81.8 66.7 100.1

174 92.7 73.6 110.4





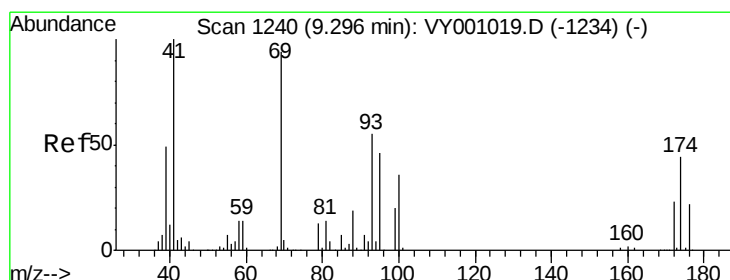
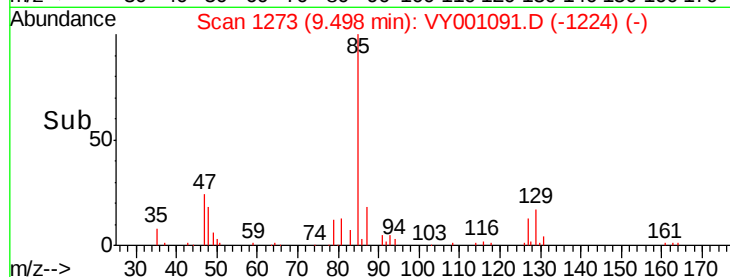
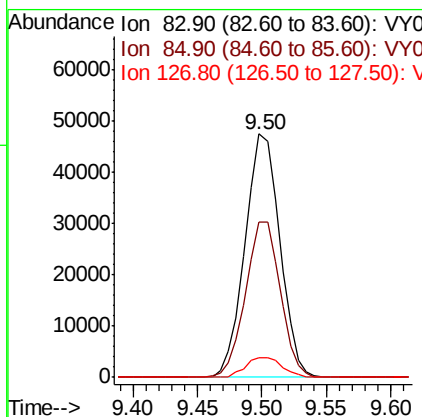
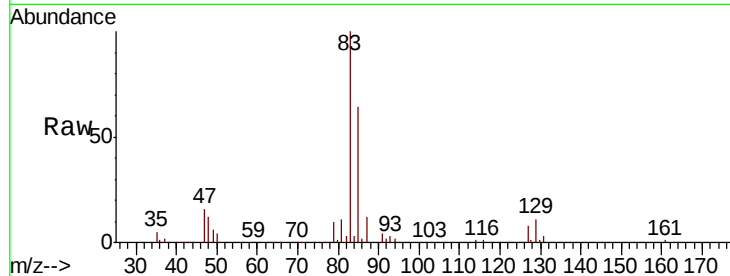
#47
Bromodichloromethane
Concen: 19.191 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. 0.00 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Tot Ion	83	Resp	89025
Ion Ratio	100	Lower	Upper
83	100		
85	63.7	50.9	76.3
127	8.1	6.4	9.6

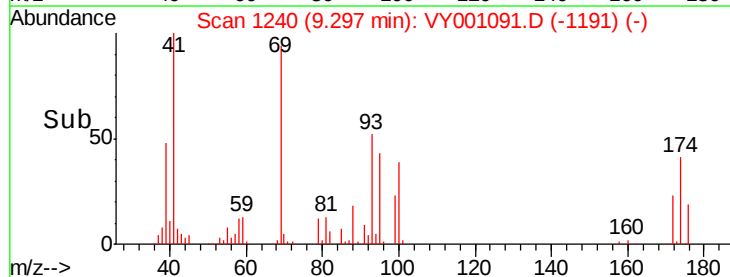
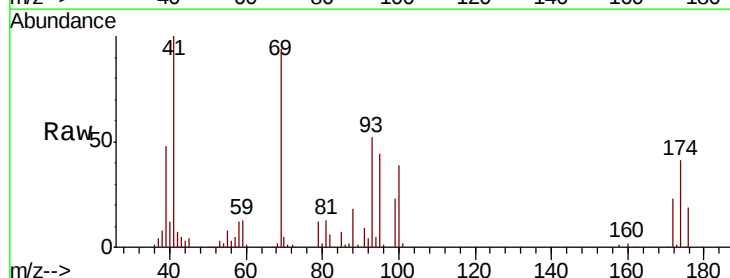
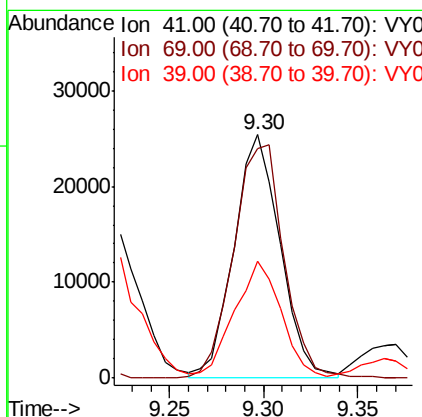
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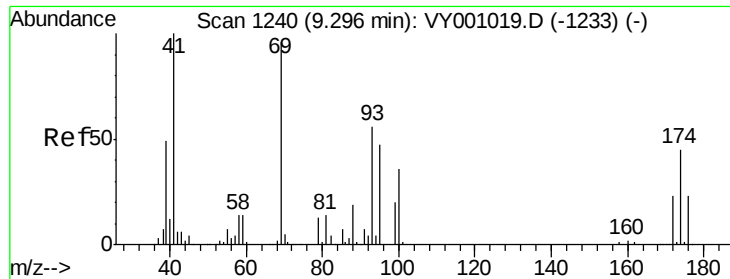
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#48
Methyl methacrylate
Concen: 19.281 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Tgt Ion	41	Resp	43292
Ion Ratio	100	Lower	Upper
41	100		
69	104.2	79.8	119.6
39	48.8	41.7	62.5





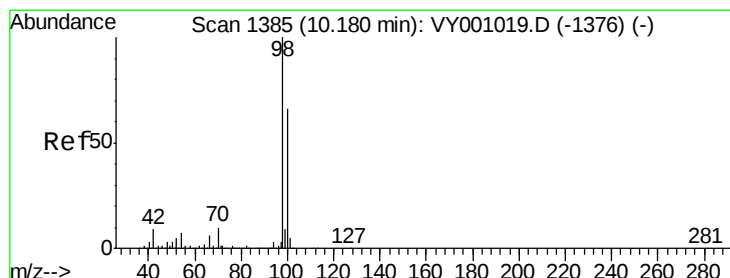
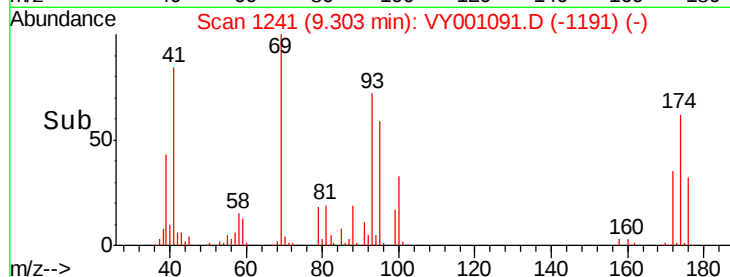
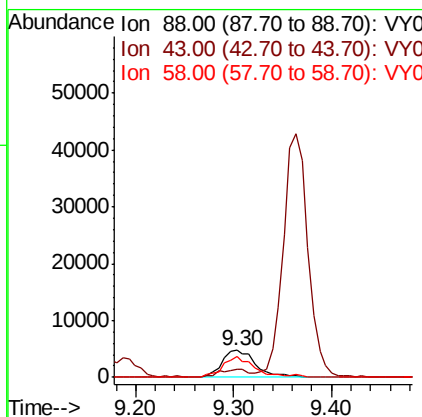
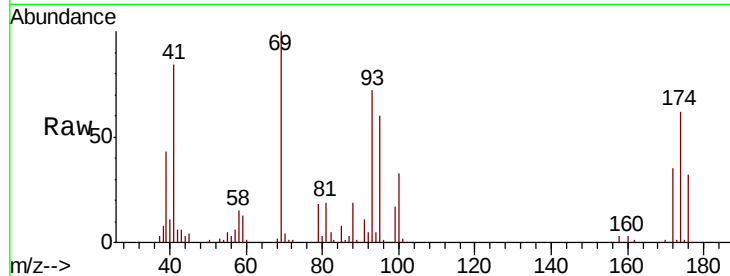
#49
1,4-Dioxane
Concen: 389.957 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Tot Ion	88	Resp	11424
Ion Ratio	Lower	Upper	
88	100		
43	24.5	23.0	34.4
58	73.4	54.9	82.3

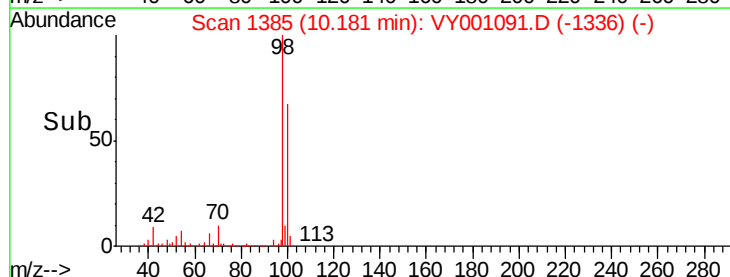
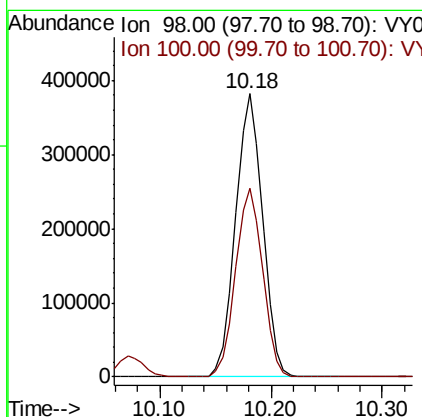
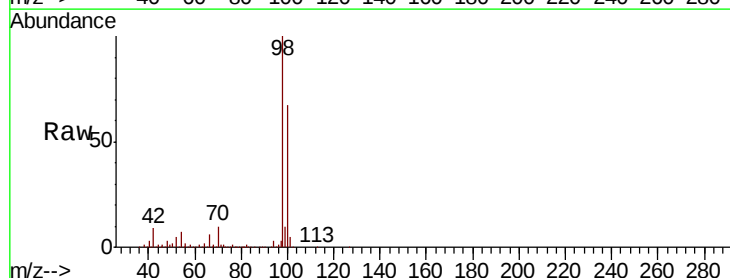
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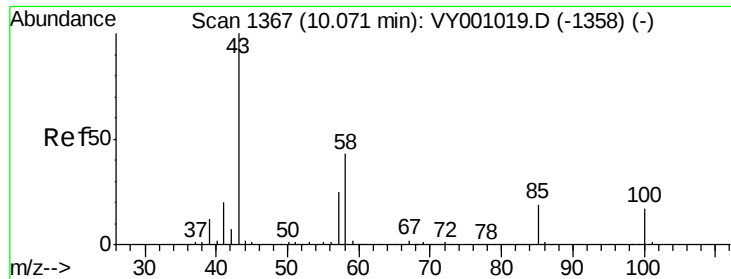
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#50
Toluene-d8
Concen: 51.936 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Tgt Ion	98	Resp	643089
Ion Ratio	Lower	Upper	
98	100		
100	66.7	53.0	79.4





#51

4-Methyl-2-Pentanone

Concen: 93.949 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1227SBS01

Tot Ion: 43 Resp: 257648

Ion Ratio Lower Upper

43 100

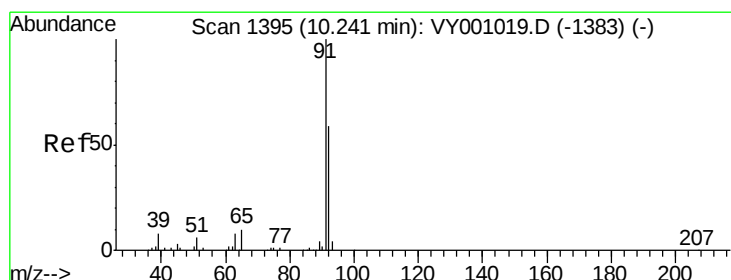
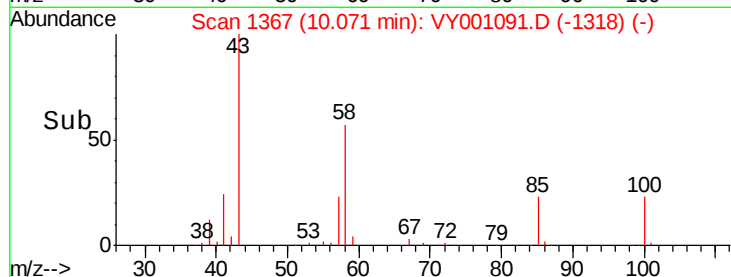
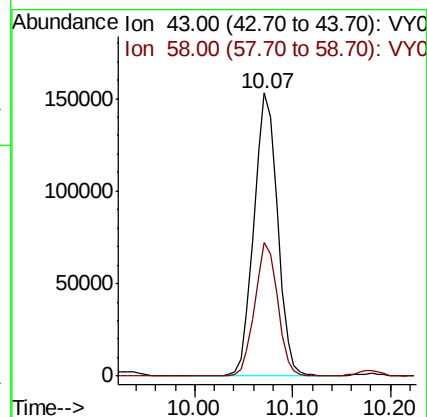
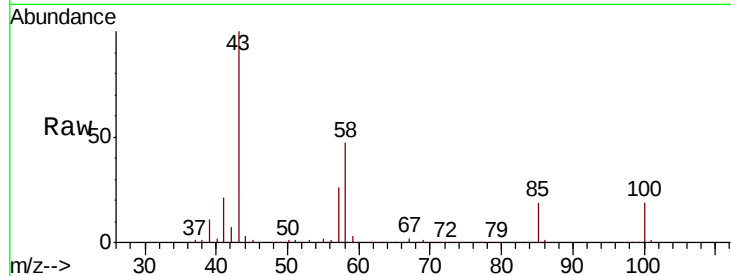
58 45.8 34.6 52.0

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#52

Toluene

Concen: 20.134 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY001091.D

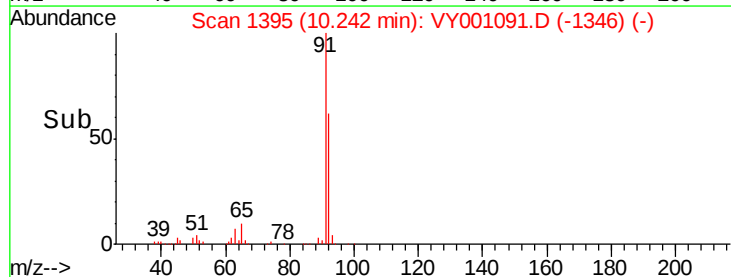
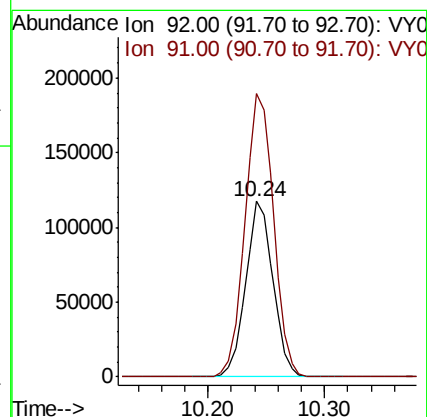
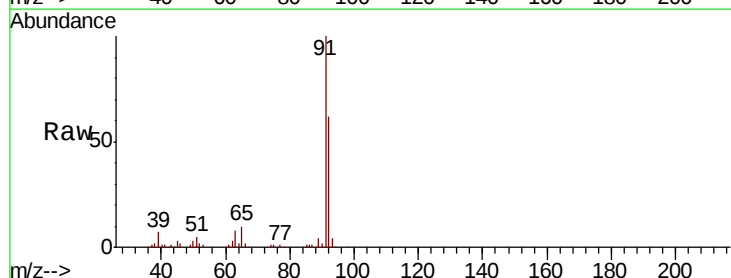
Acq: 27 Dec 2019 12:46

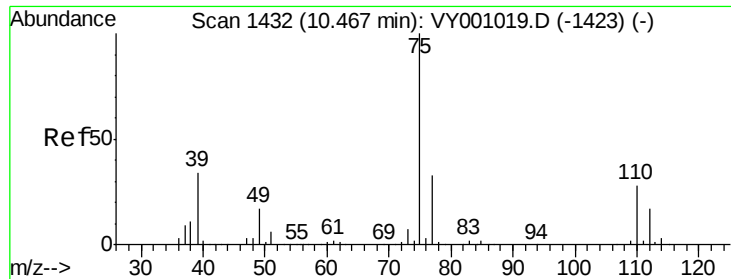
Tgt Ion: 92 Resp: 191914

Ion Ratio Lower Upper

92 100

91 169.7 135.7 203.5





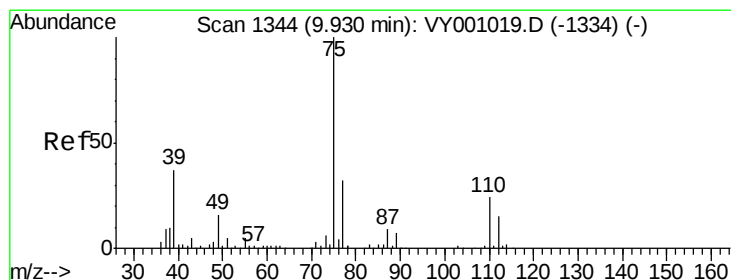
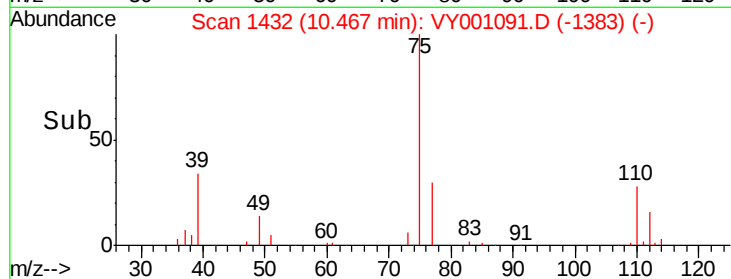
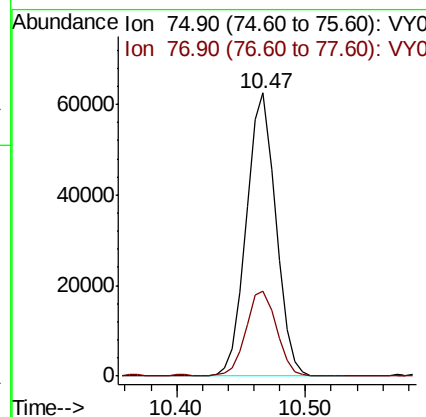
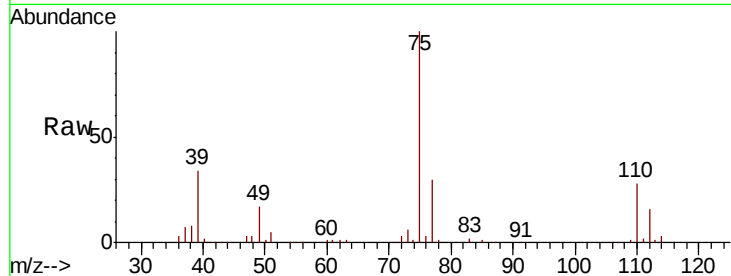
#53
t-1,3-Dichloropropene
Concen: 19.513 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Tot Ion: 75 Resp: 98239
Ion Ratio Lower Upper
75 100
77 29.9 26.5 39.7

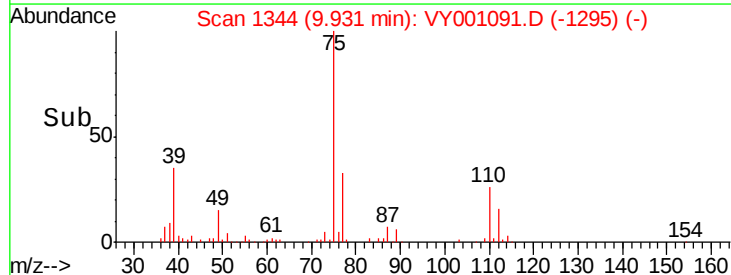
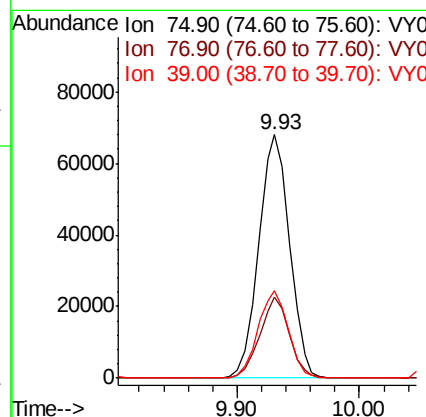
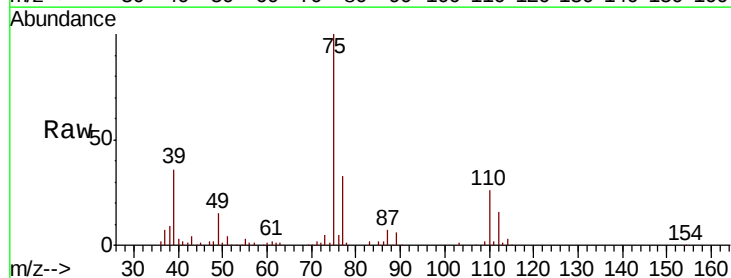
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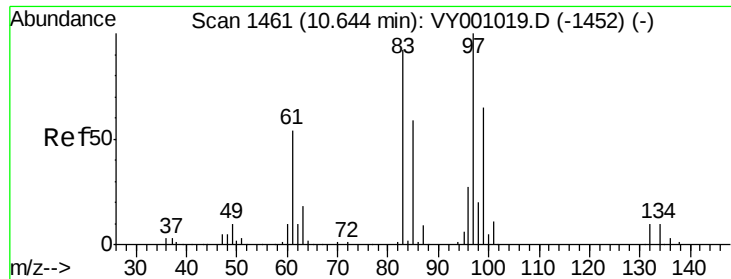
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#54
cis-1,3-Dichloropropene
Concen: 19.727 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Tgt Ion: 75 Resp: 119424
Ion Ratio Lower Upper
75 100
77 33.3 25.2 37.8
39 35.7 29.5 44.3





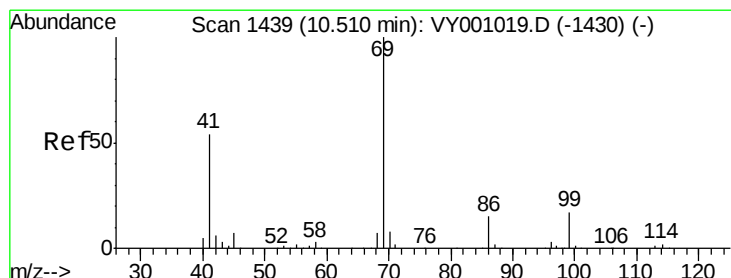
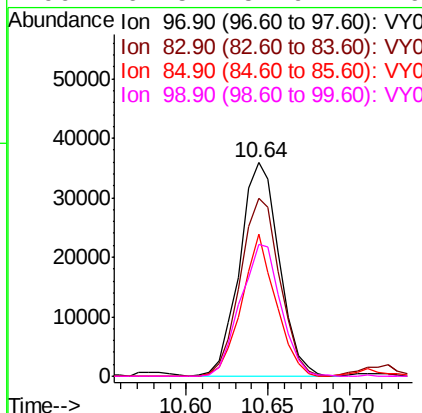
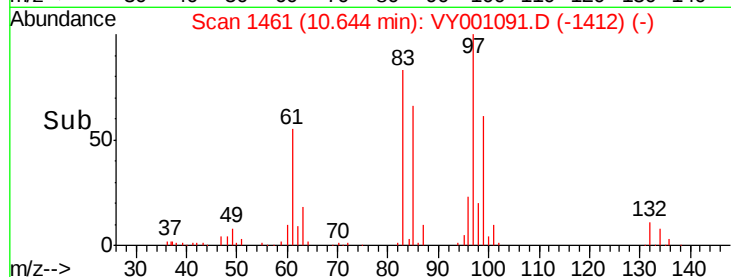
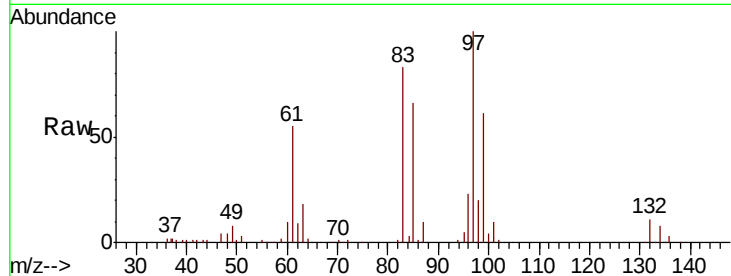
#55
1,1,2-Trichloroethane
Concen: 20.297 ug/l
RT: 10.64 min Scan# 1461
Delta R.T. 0.00 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		60683		
83	83.2	73.7	110.5		
85	66.4	47.3	70.9		
99	61.5	51.9	77.9		

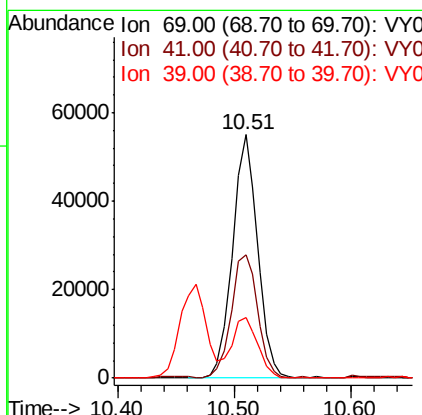
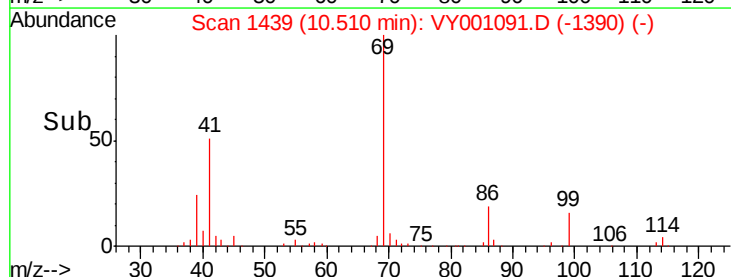
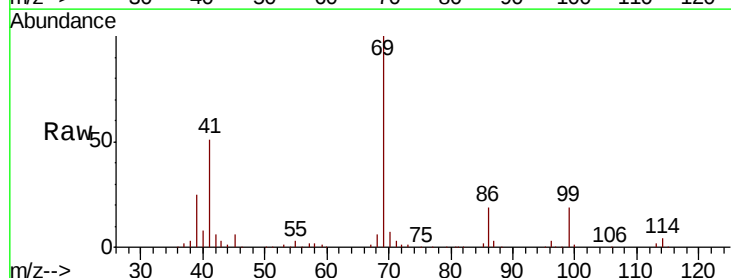
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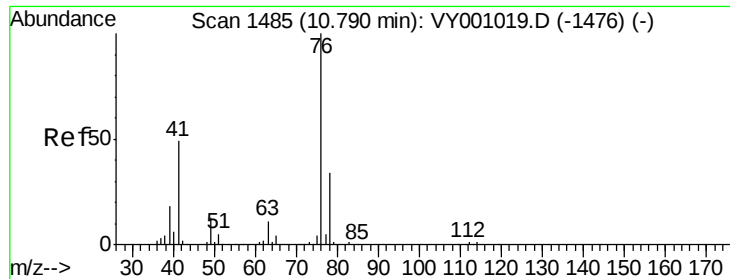
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#56
Ethyl methacrylate
Concen: 19.452 ug/l
RT: 10.51 min Scan# 1439
Delta R.T. 0.00 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		82772		
41	52.2	44.7	67.1		
39	26.3	22.2	33.4		





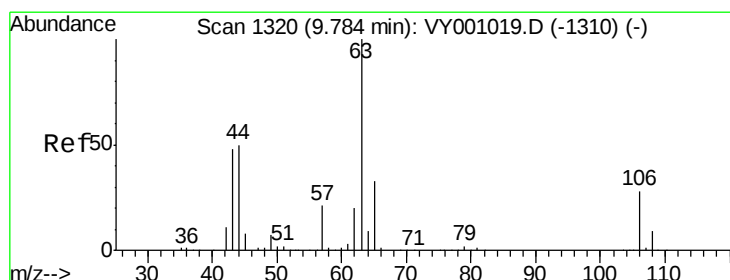
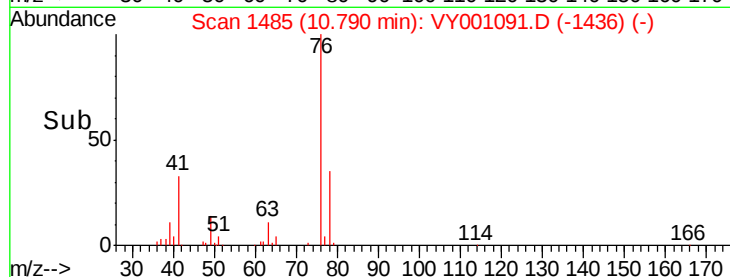
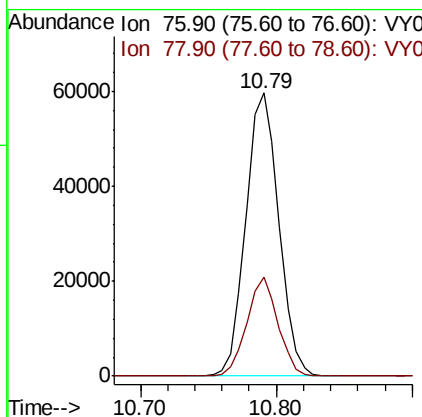
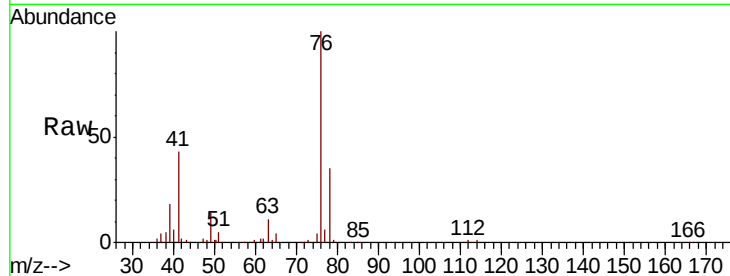
#57
 1,3-Dichloropropane
 Concen: 19.338 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY001091.D
 Acq: 27 Dec 2019 12:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1227SBS01

Tot Ion: 76 Resp: 101340
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.8 38.8

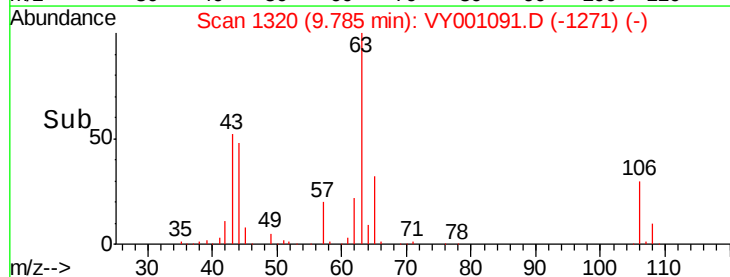
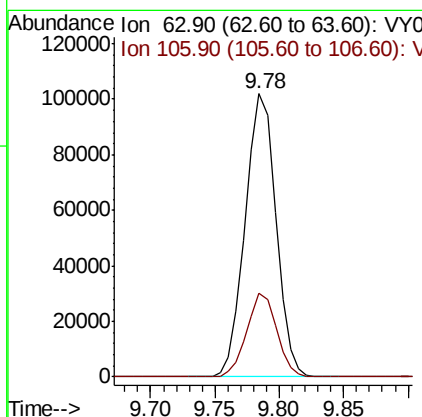
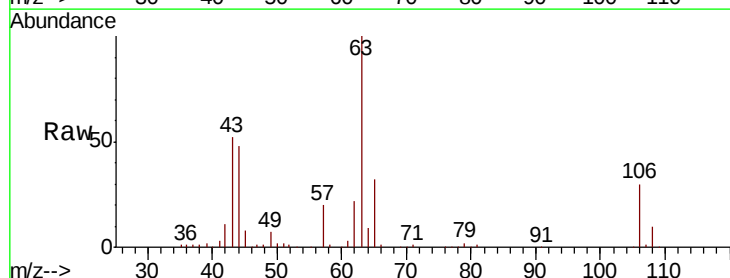
Manual Integrations
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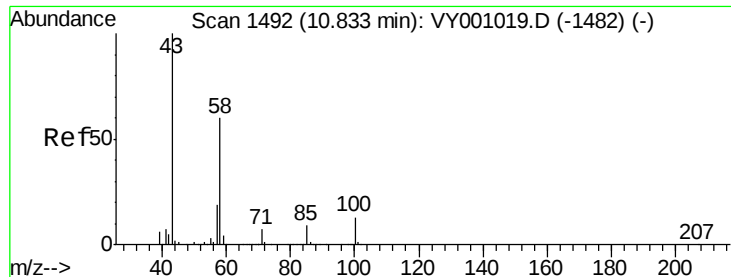
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 12/30/2019 3:33:44 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.610 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY001091.D
 Acq: 27 Dec 2019 12:46

Tgt Ion: 63 Resp: 168638
 Ion Ratio Lower Upper
 63 100
 106 28.9 22.7 34.1





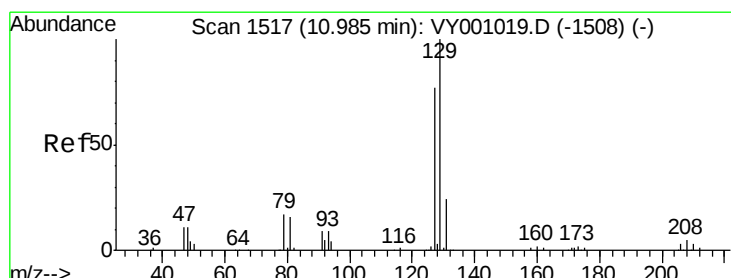
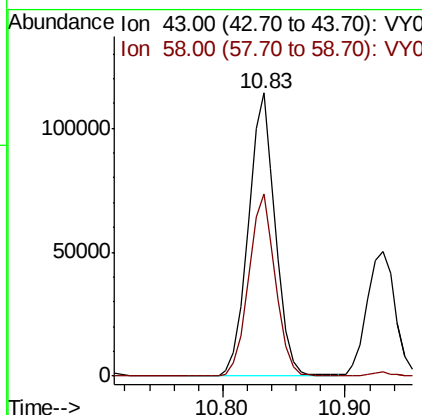
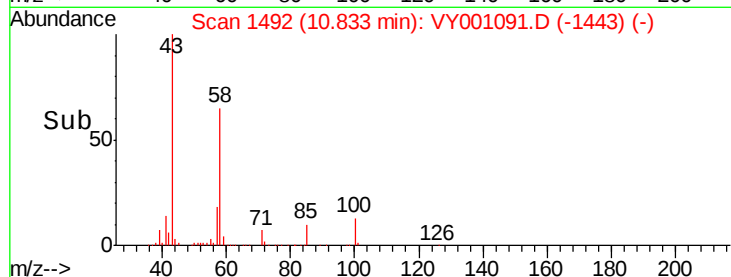
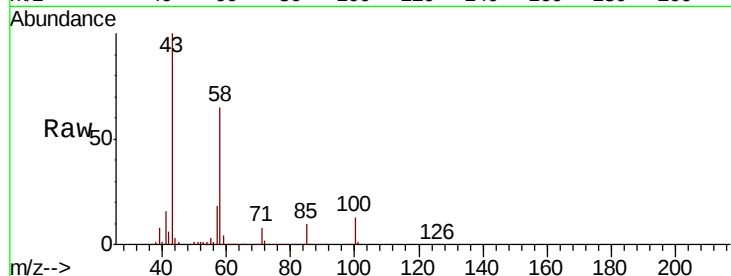
#59
2-Hexanone
Concen: 91.868 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	63.9	30.6	91.6

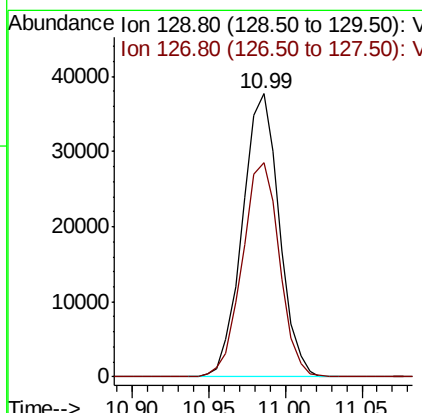
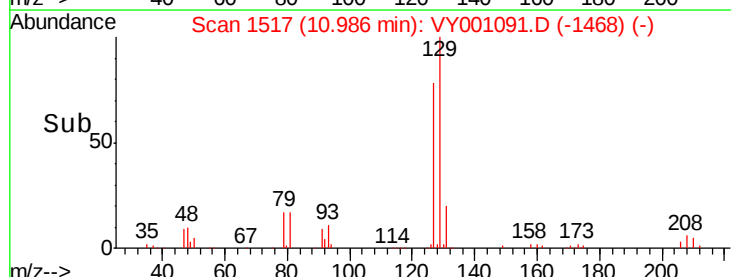
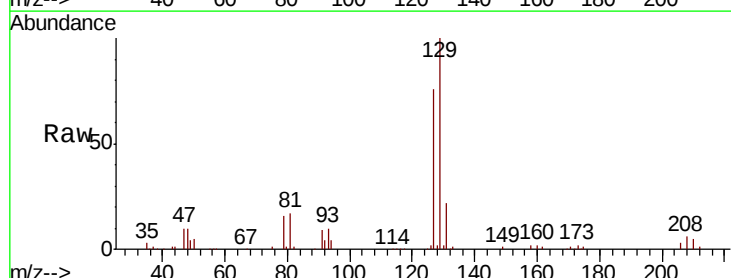
Manual Integrations
APPROVED

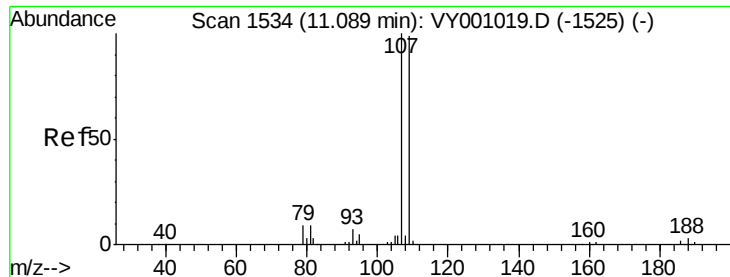
apatel
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#60
Dibromochloromethane
Concen: 19.774 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.4	39.1	117.3





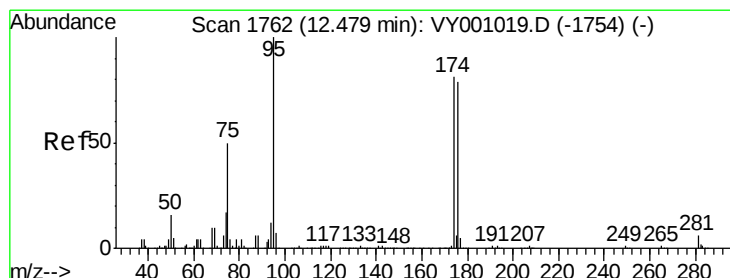
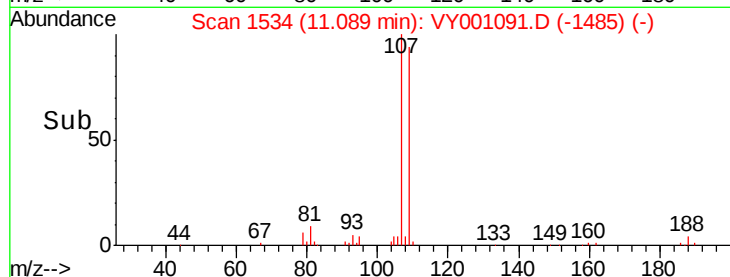
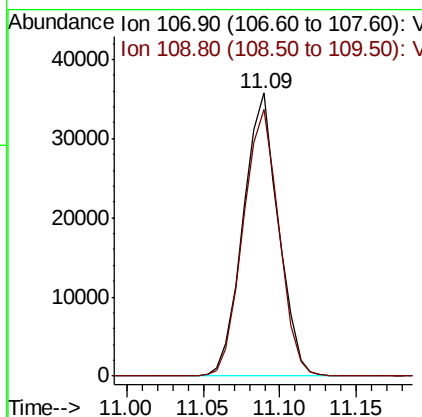
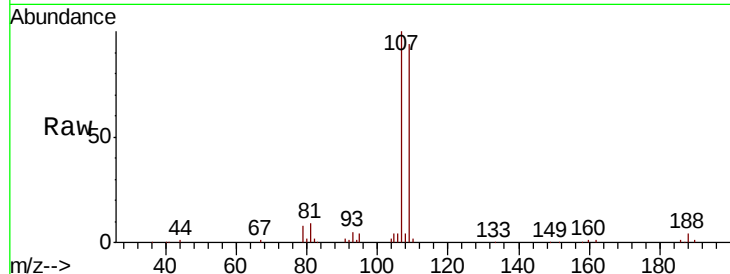
#61
 1,2-Dibromoethane
 Concen: 20.045 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY001091.D
 Acq: 27 Dec 2019 12:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1227SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.4	74.8	112.2

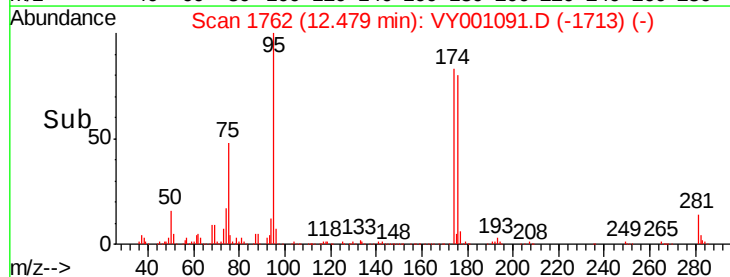
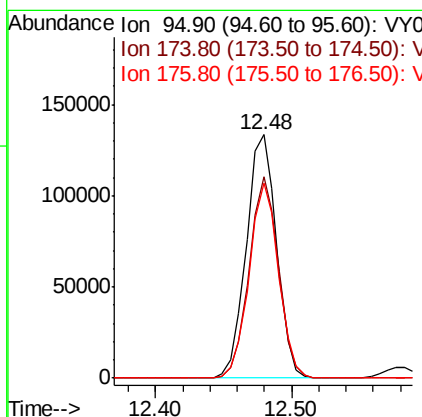
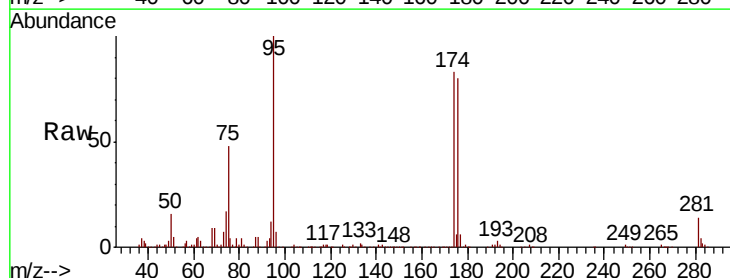
Manual Integrations
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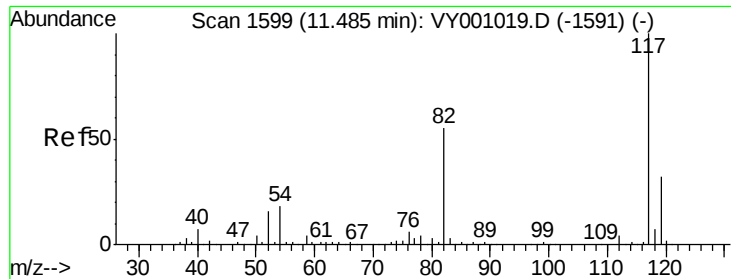
apatel
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#62
 4-Bromofluorobenzene
 Concen: 45.939 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY001091.D
 Acq: 27 Dec 2019 12:46

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.5	0.0	156.4
176	78.0	0.0	155.0





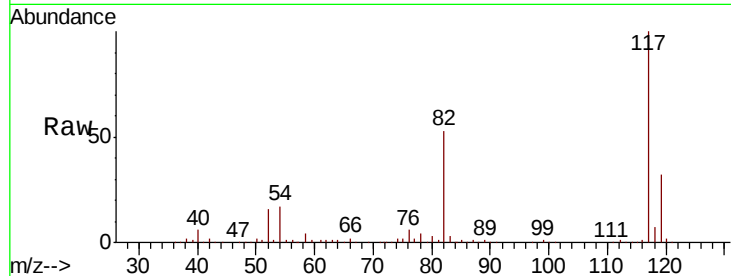
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	475815		
82	52.8	43.8	65.8	
119	31.7	25.8	38.6	

Manual Integrations
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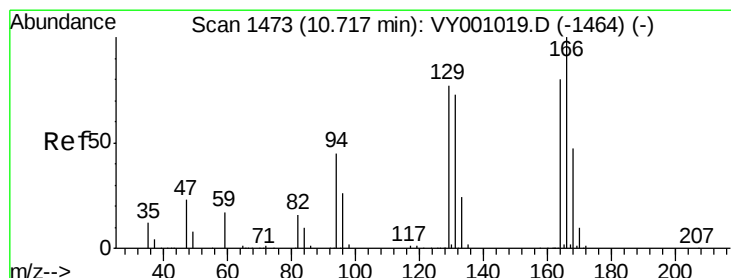
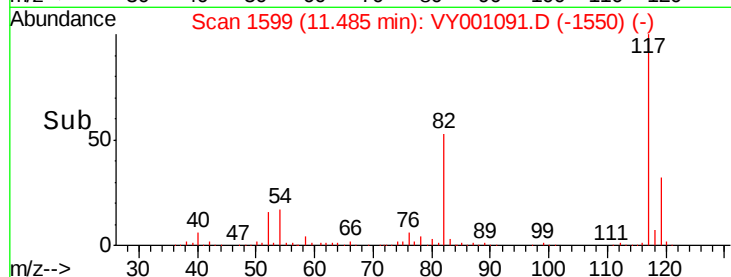
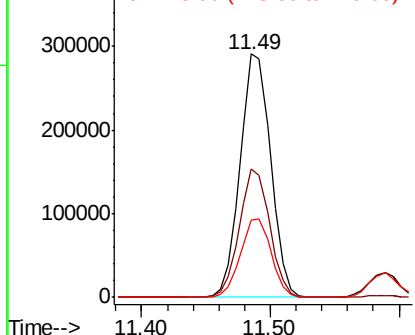


Abundance

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: 21.627 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	89038		
166	120.7	99.7	149.5	
129	86.4	76.9	115.3	
131	83.2	72.3	108.5	

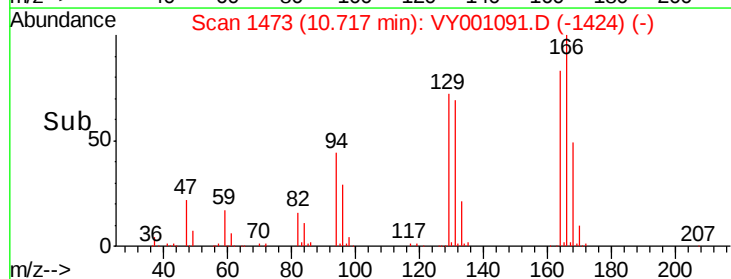
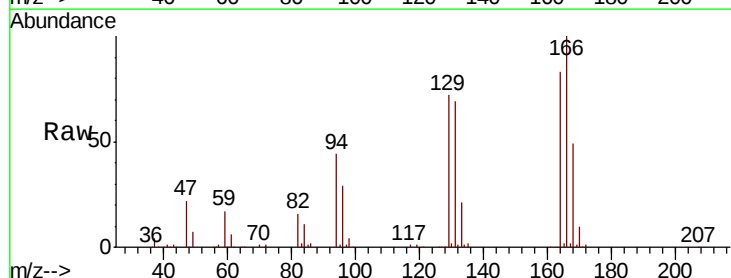
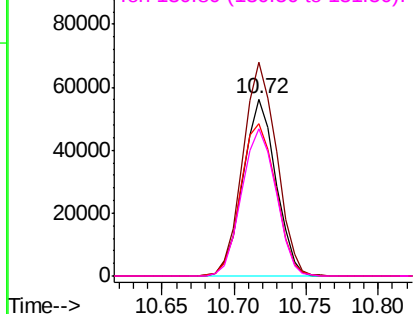
Abundance

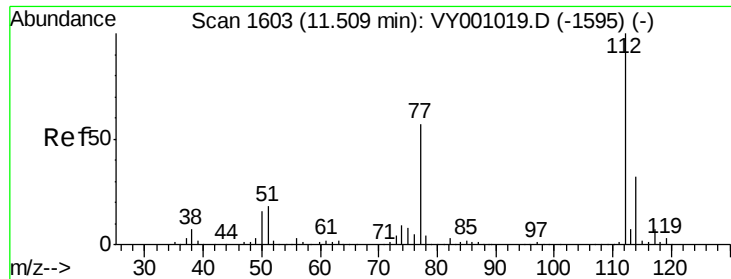
Ion 163.80 (163.50 to 164.50): V

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





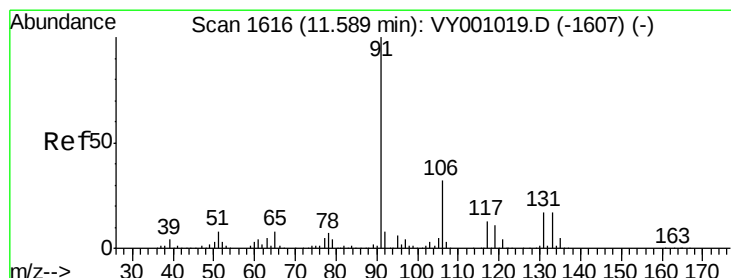
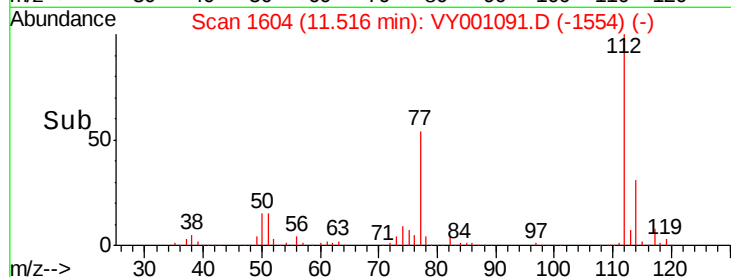
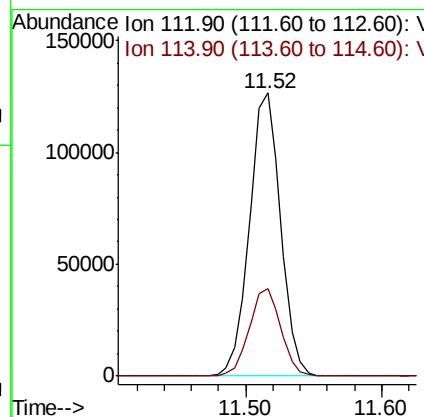
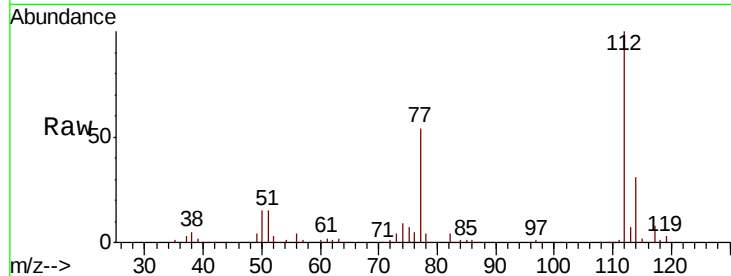
#65
Chlorobenzene
Concen: 20.508 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Tot Ion:112 Resp: 202408
Ion Ratio Lower Upper
112 100
114 30.8 25.4 38.2

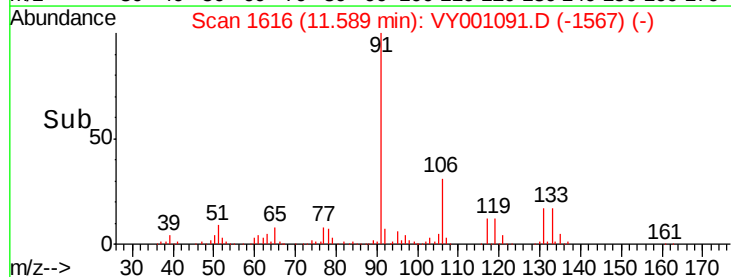
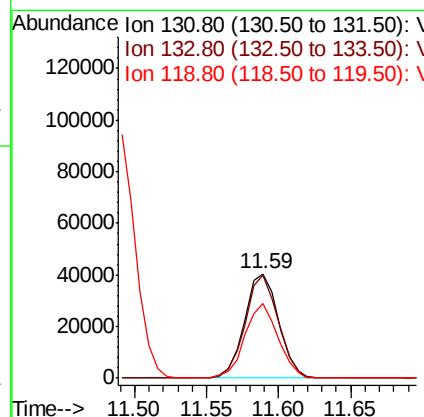
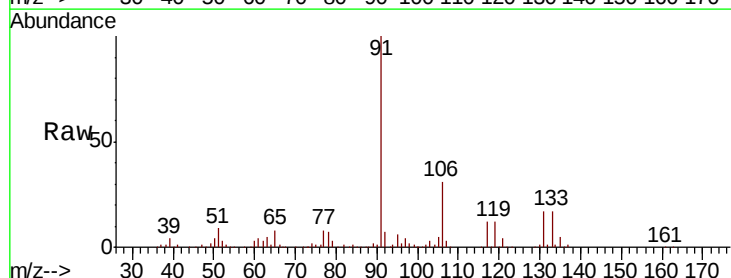
Manual Integrations
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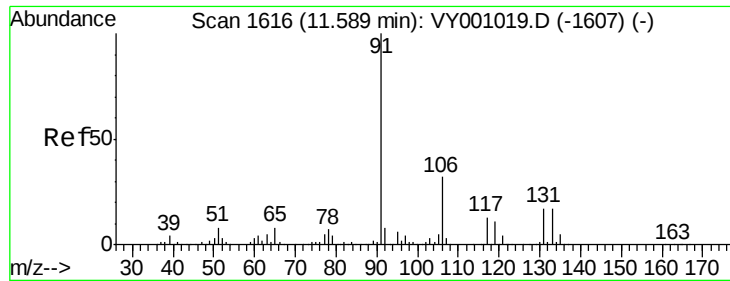
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.224 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Tgt Ion:131 Resp: 65873
Ion Ratio Lower Upper
131 100
133 95.9 48.1 144.4
119 69.6 34.0 101.8





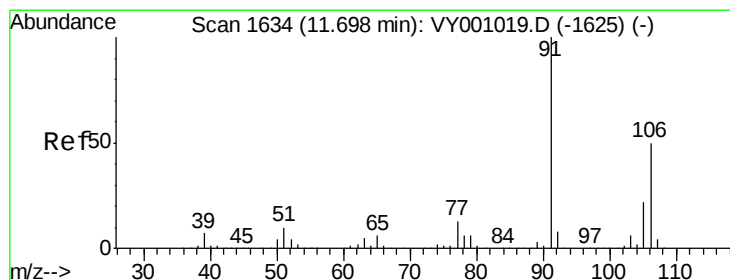
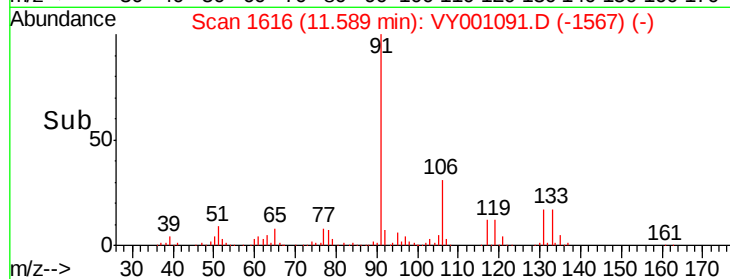
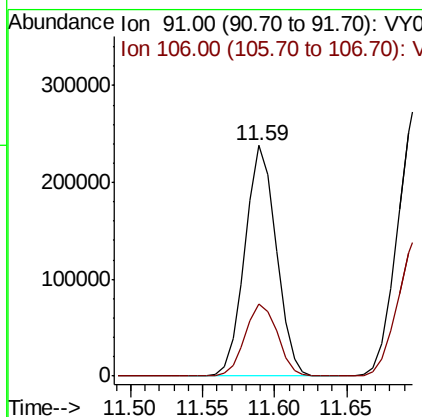
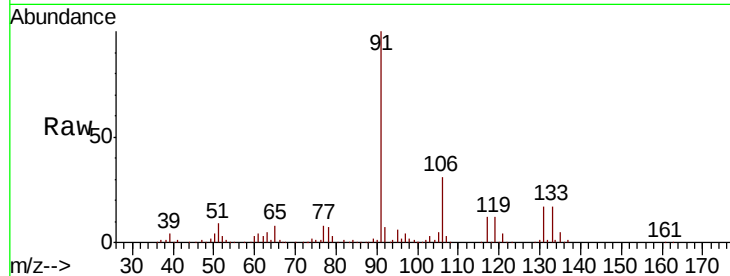
#67
Ethyl Benzene
Concen: 20.223 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Tot Ion: 91 Resp: 359016
Ion Ratio Lower Upper
91 100
106 31.5 25.3 37.9

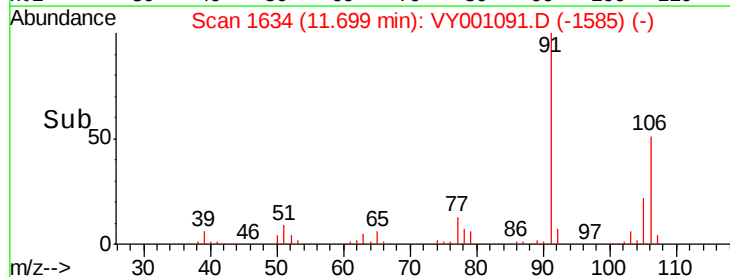
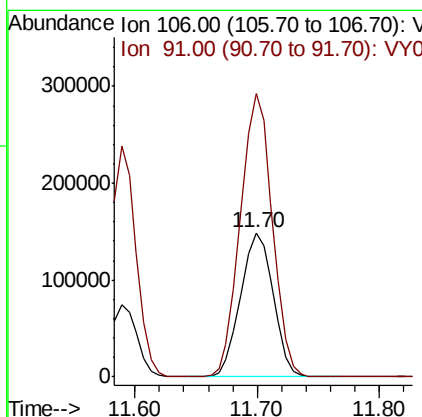
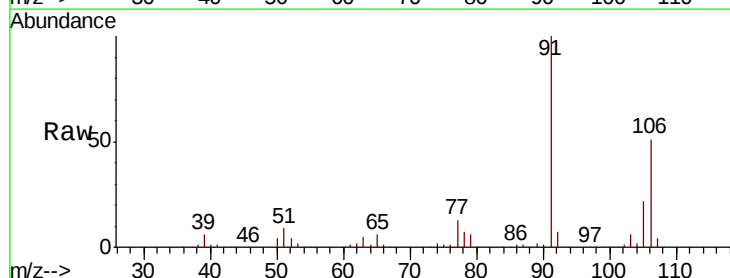
Manual Integrations
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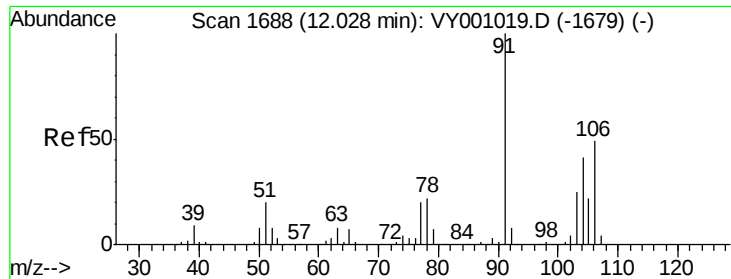
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#68
m/p-Xylenes
Concen: 40.936 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Tgt Ion: 106 Resp: 275937
Ion Ratio Lower Upper
106 100
91 192.1 156.4 234.6





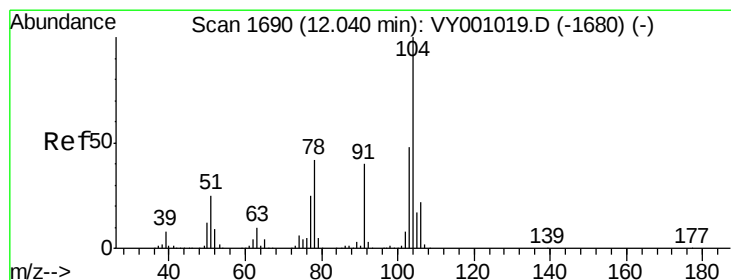
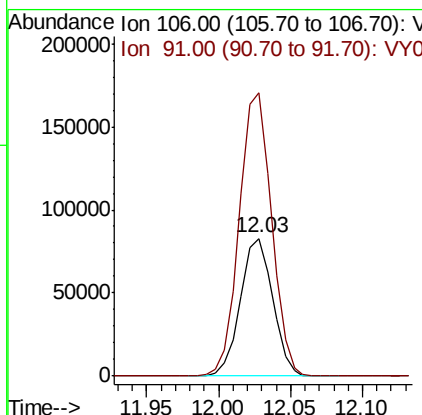
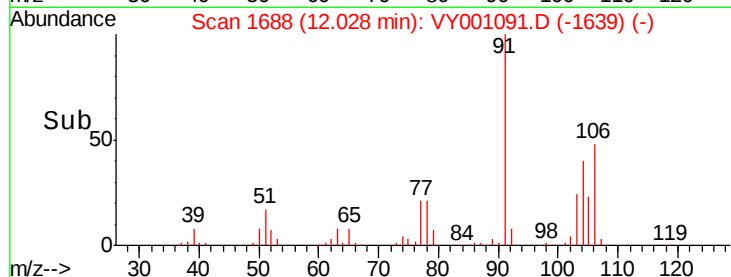
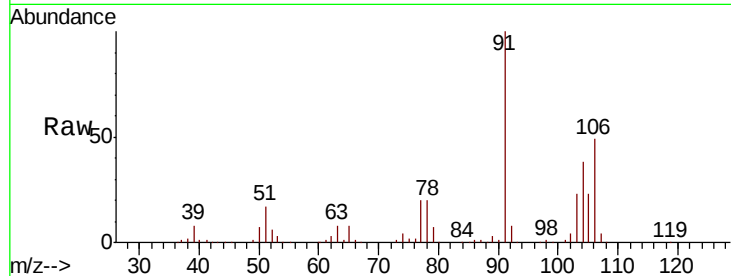
#69
o-Xylene
Concen: 20.353 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	205.9	103.0	309.0

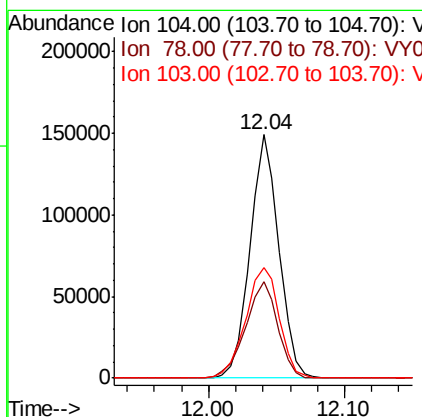
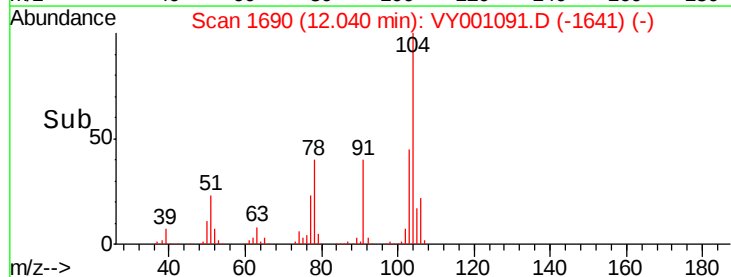
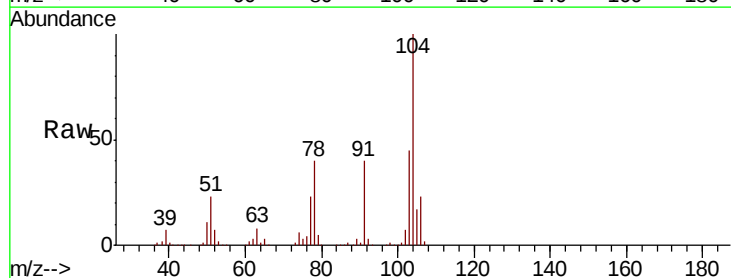
Manual Integrations
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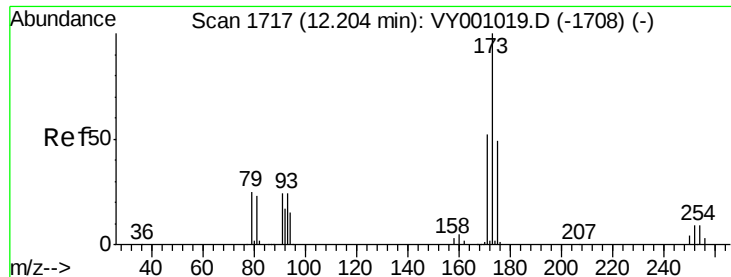
apatel
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#70
Styrene
Concen: 20.577 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Tgt Ion	Ratio	Lower	Upper
104	100		
78	44.3	36.6	54.8
103	52.6	42.6	64.0





#71

Bromoform

Concen: 19.656 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1227SBS01

Tot Ion:173 Resp: 35648

Ion Ratio Lower Upper

173 100

175 51.7 24.5 73.5

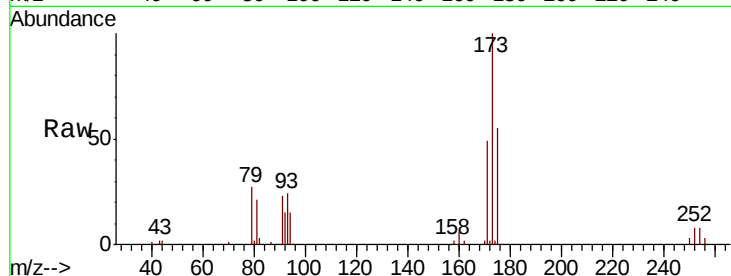
254 0.0 0.0 0.0

Manual Integrations

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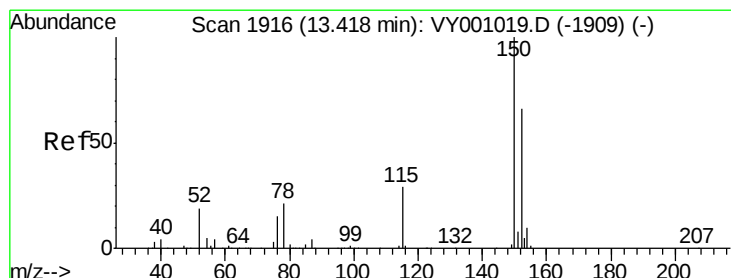
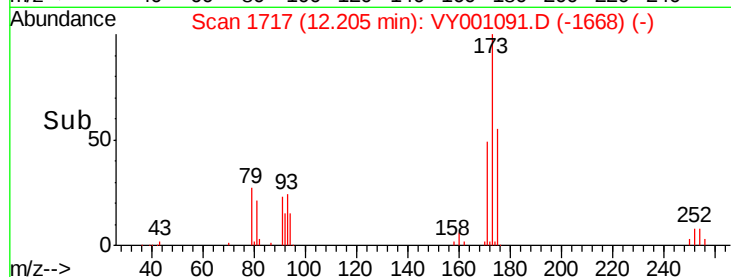
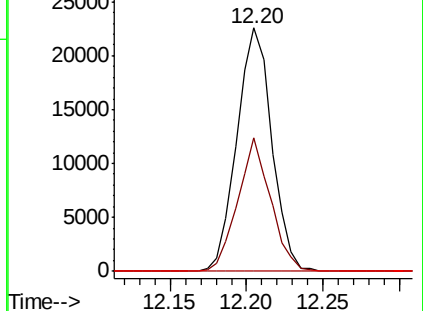
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VY001091.D

Acq: 27 Dec 2019 12:46

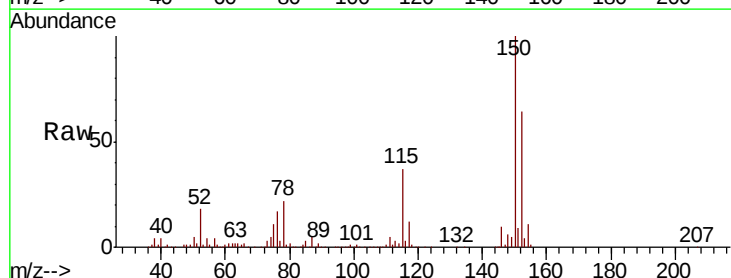
Tgt Ion:152 Resp: 219259

Ion Ratio Lower Upper

152 100

115 57.1 29.8 89.3

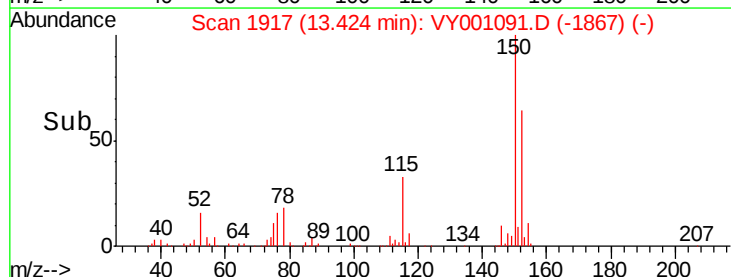
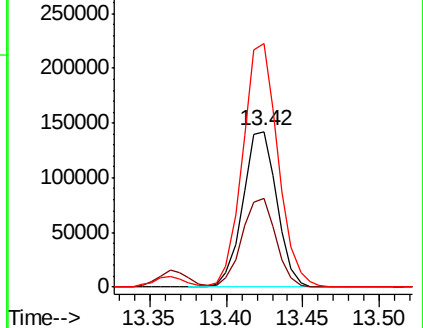
150 162.9 0.0 352.6

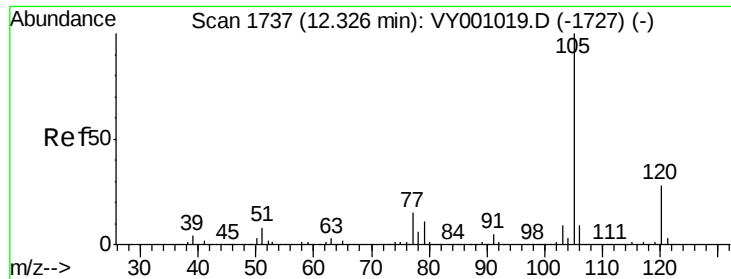


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.920 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1227SBS01

Tot Ion: 105 Resp: 337984

Ion Ratio Lower Upper

105 100

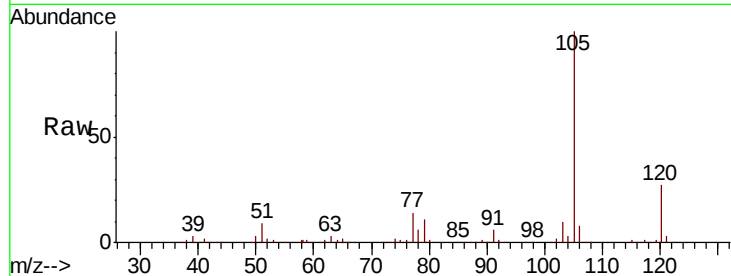
120 27.3 13.4 40.2

Manual Integrations

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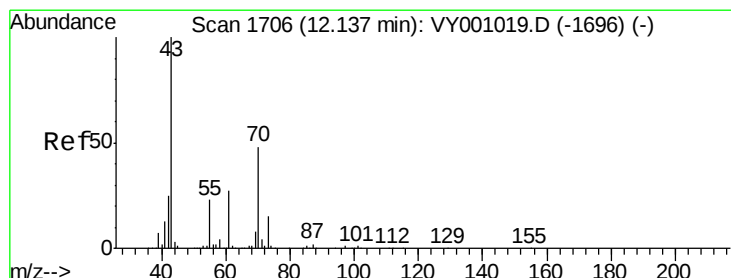
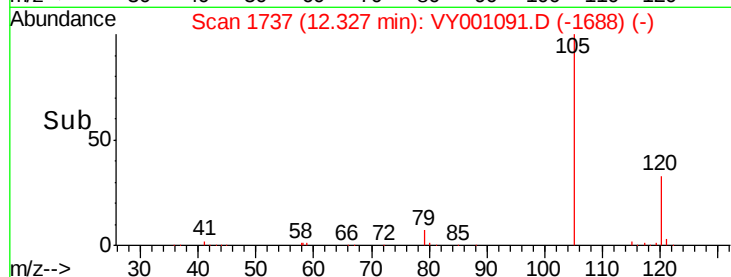
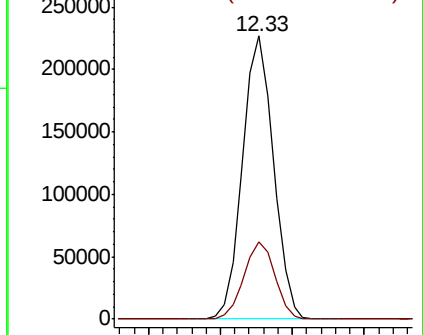
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.816 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

Tgt Ion: 43 Resp: 79414

Ion Ratio Lower Upper

43 100

70 51.6 39.0 58.6

55 26.0 19.5 29.3

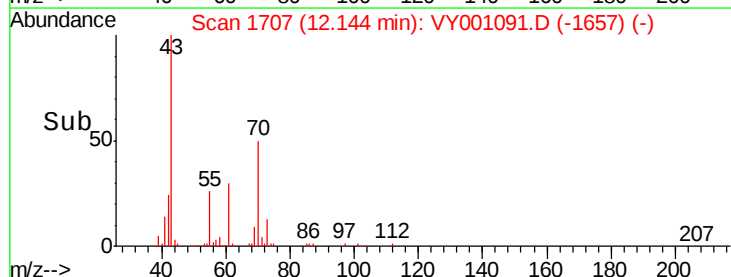
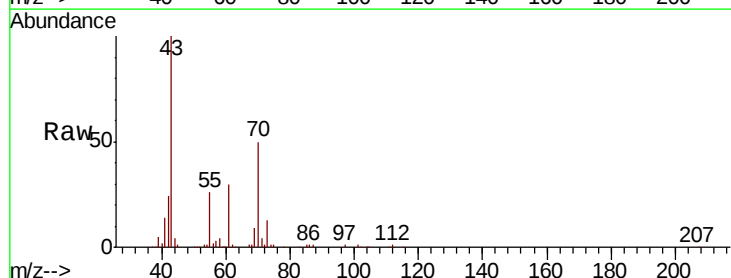
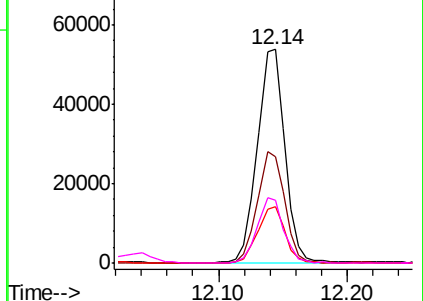
61 29.3 22.0 33.0

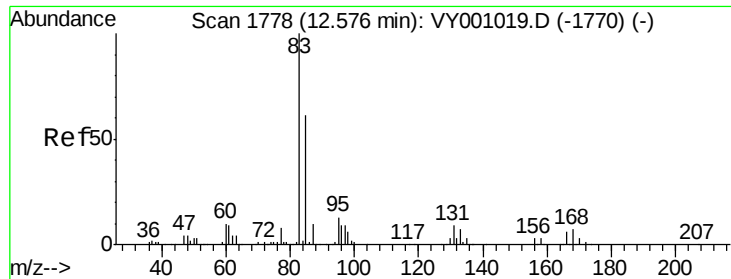
Abundance Ion 43.00 (42.70 to 43.70): VY0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 19.353 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

Instrument :

MSVOA_Y

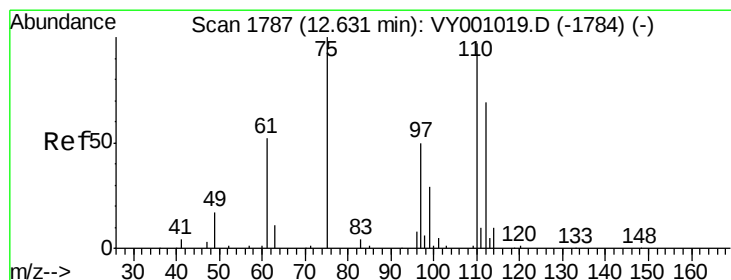
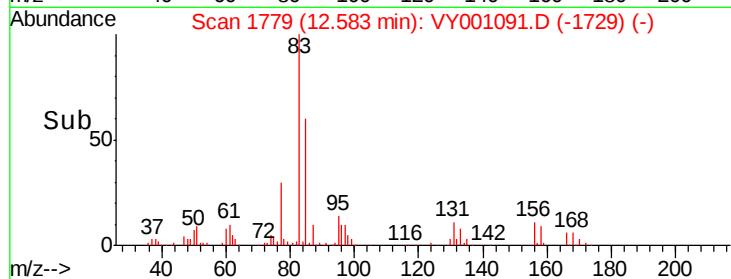
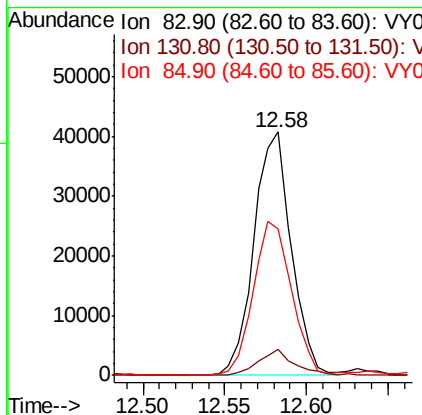
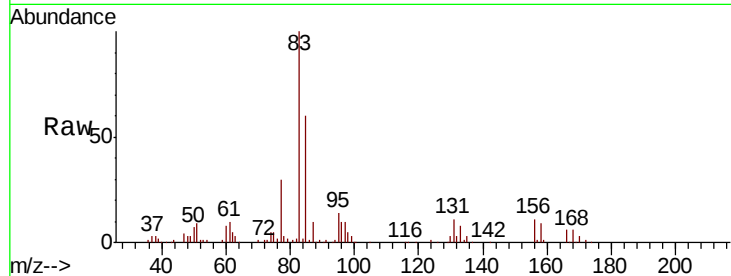
ClientSampleId :

VY1227SBS01

Tot Ion:	83	Resp:	64687
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.1	15.3
85	64.8	32.1	96.5

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#76

1,2,3-Trichloropropane

Concen: 17.007 ug/l m

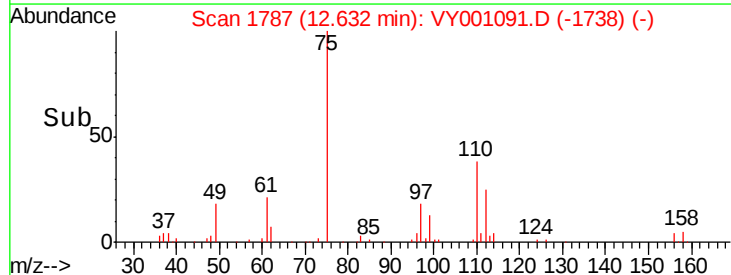
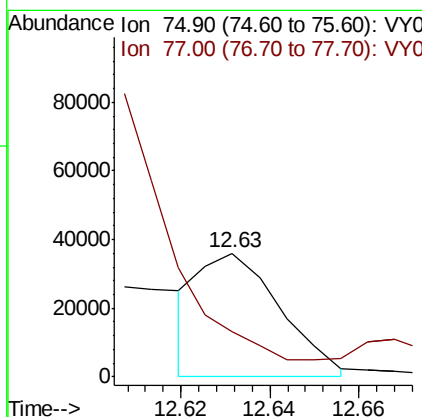
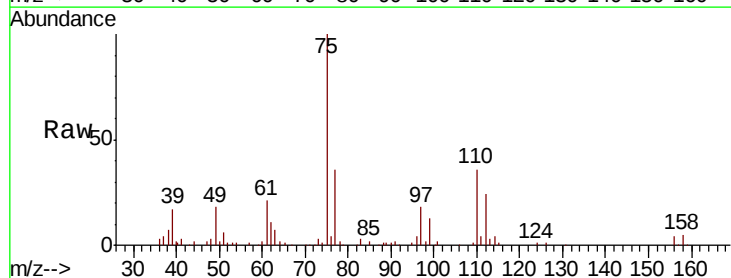
RT: 12.63 min Scan# 1787

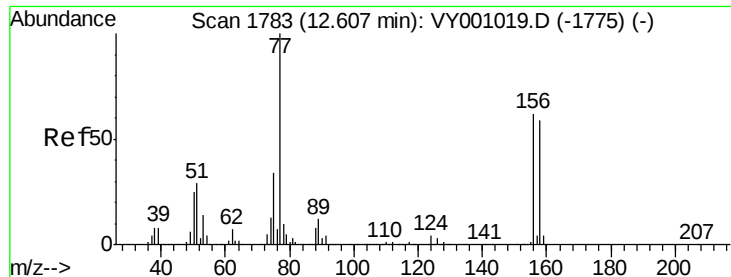
Delta R.T. 0.00 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

Tgt Ion:	75	Resp:	45970
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.669 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

Instrument :

MSVOA_Y

ClientSampleId :

VY1227SBS01

Tot Ion:156 Resp: 75058

Ion Ratio Lower Upper

156 100

77 198.0 98.0 294.1

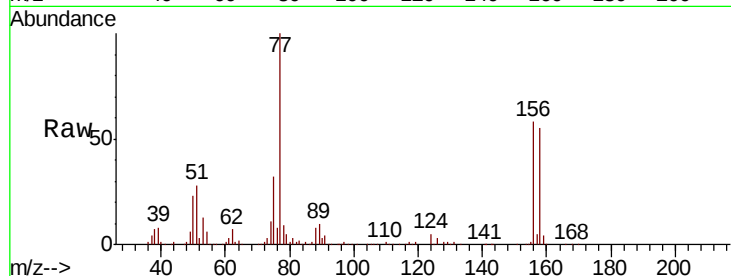
158 97.2 48.5 145.6

Manual Integrations

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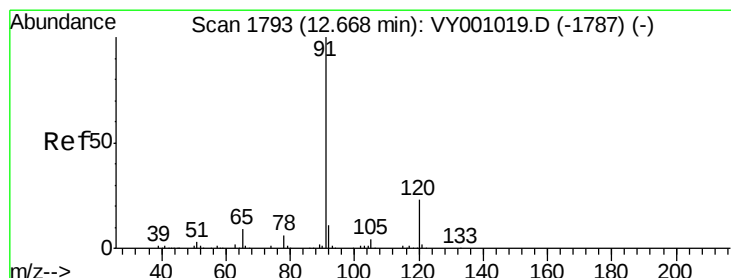
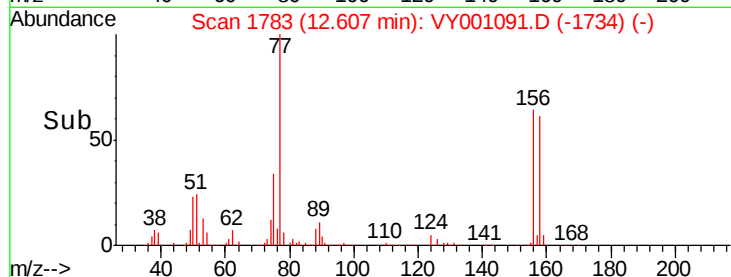
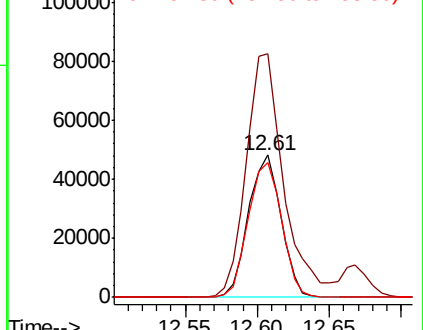
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.007 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY001091.D

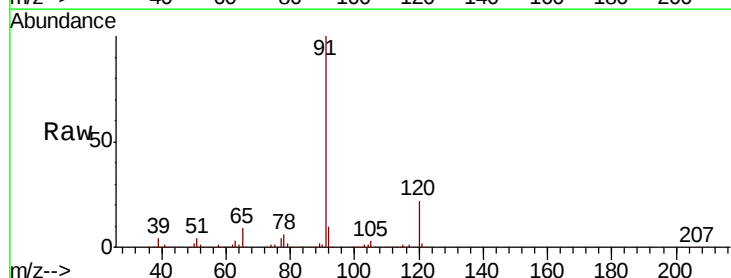
Acq: 27 Dec 2019 12:46

Tgt Ion: 91 Resp: 413635

Ion Ratio Lower Upper

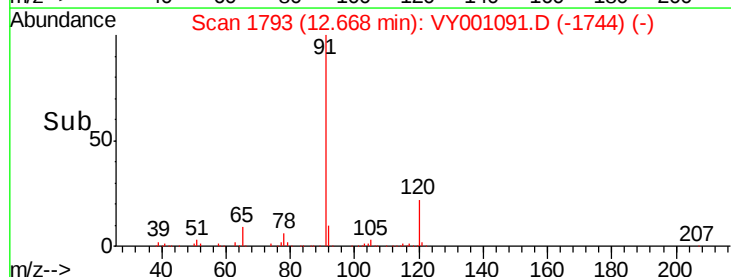
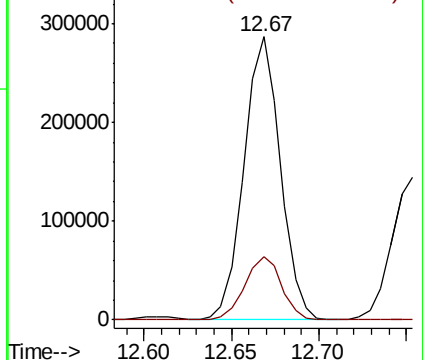
91 100

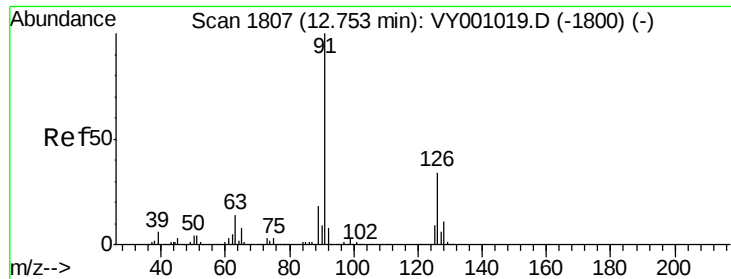
120 22.6 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





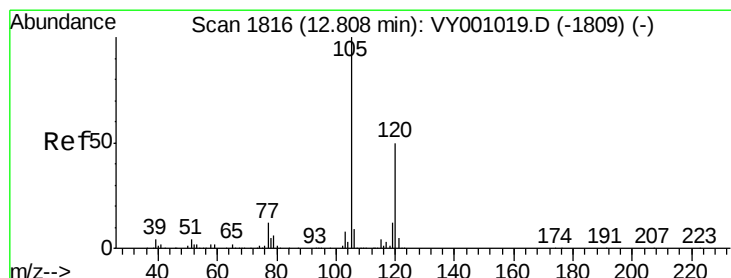
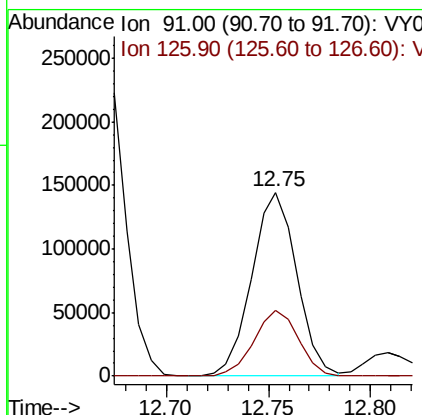
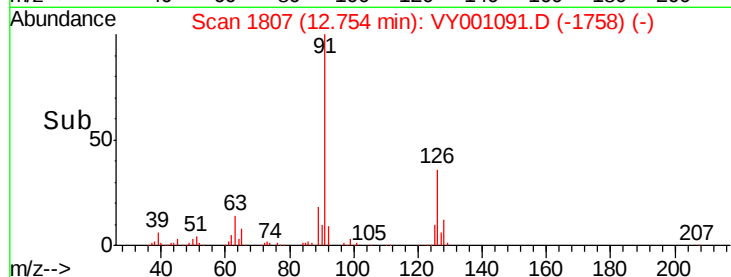
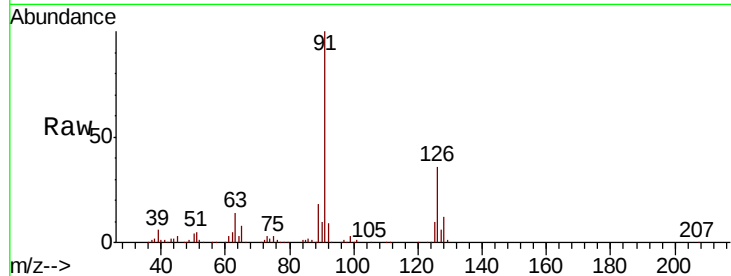
#79
2-Chlorotoluene
Concen: 19.391 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Tot Ion: 91 Resp: 221399
Ion Ratio Lower Upper
91 100
126 35.6 17.3 51.7

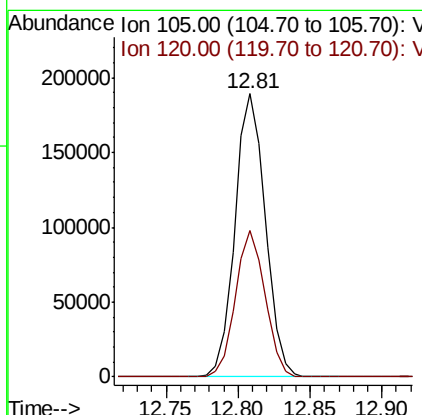
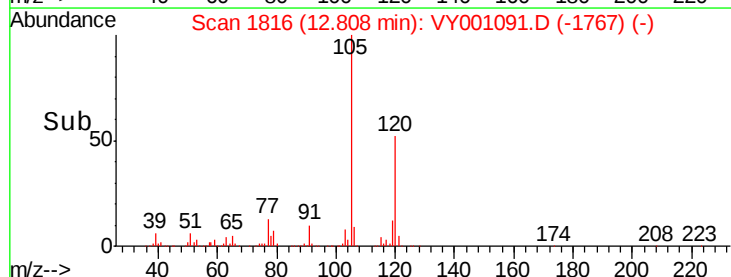
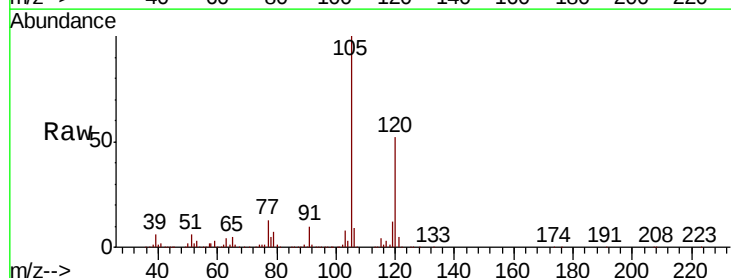
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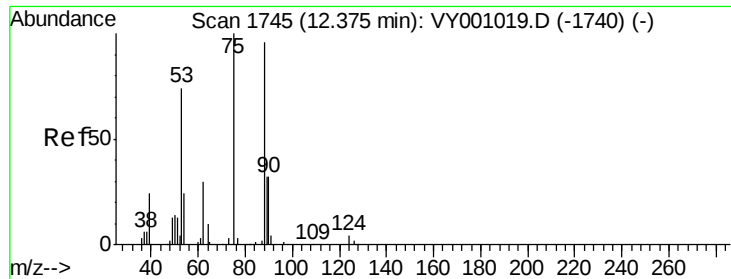
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#80
1,3,5-Trimethylbenzene
Concen: 19.973 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Tgt Ion: 105 Resp: 277779
Ion Ratio Lower Upper
105 100
120 50.7 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 19.714 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

Instrument :

MSVOA_Y

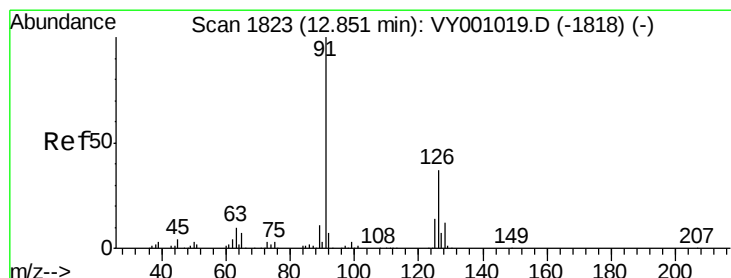
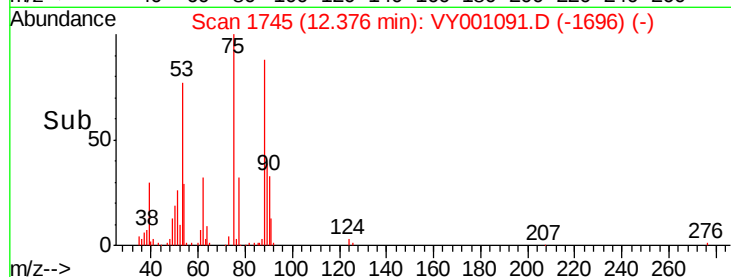
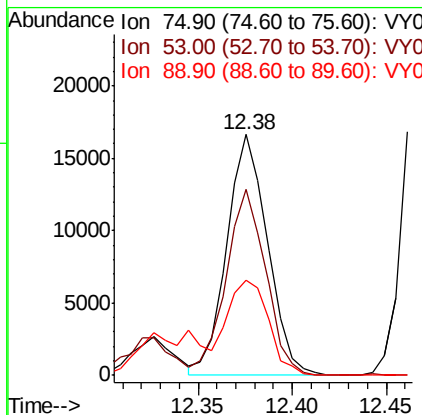
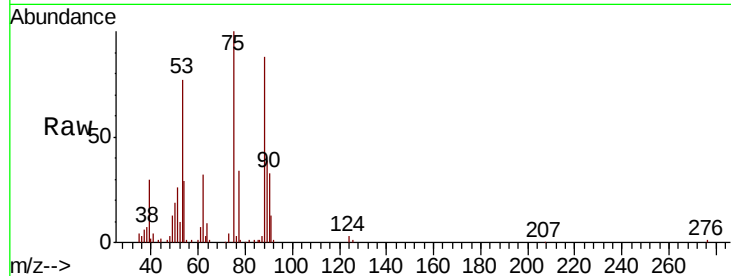
ClientSampleId :

VY1227SBS01

Tot Ion:	75	Resp:	24985
Ion	Ratio	Lower	Upper
75	100		
53	75.4	60.6	91.0
89	39.9	35.4	53.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.714 ug/l

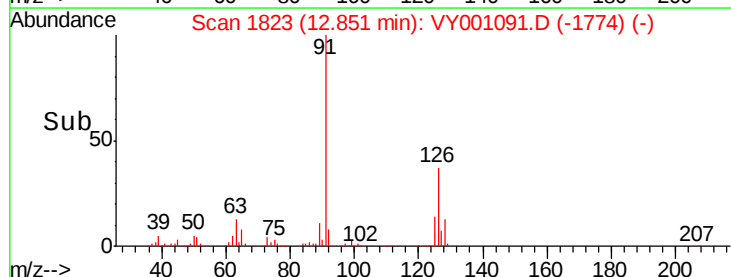
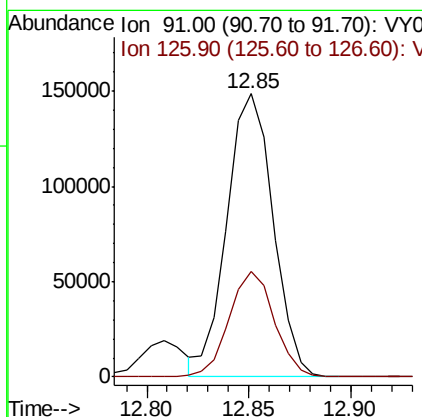
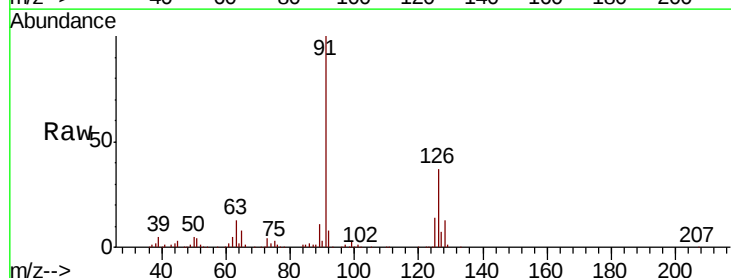
RT: 12.85 min Scan# 1823

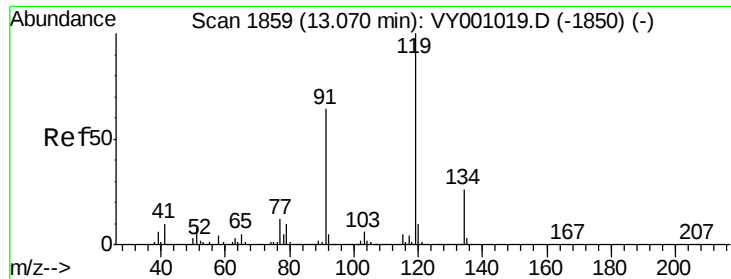
Delta R.T. 0.00 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

Tgt Ion:	91	Resp:	233784
Ion	Ratio	Lower	Upper
91	100		
126	36.1	17.6	52.8





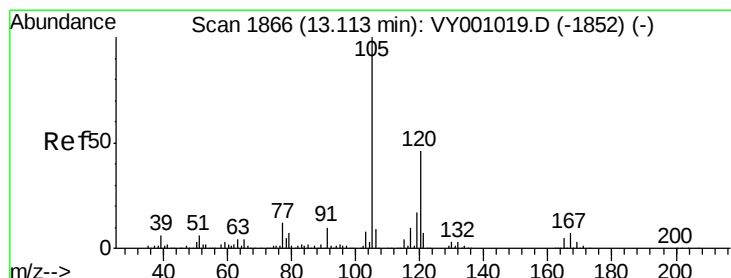
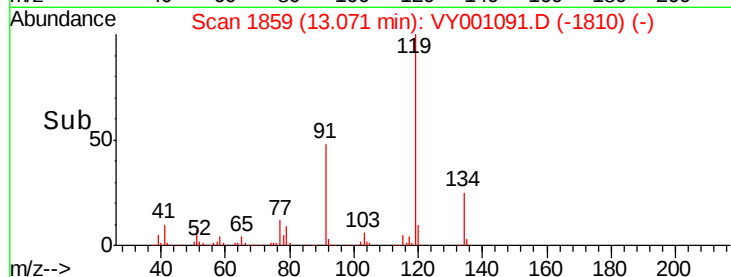
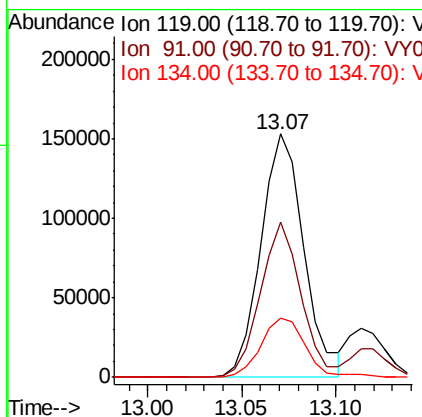
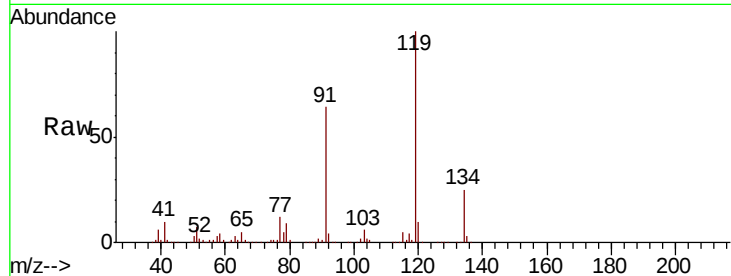
#83
tert-Butylbenzene
Concen: 20.695 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.7	31.9	95.7
134	25.6	13.6	40.7

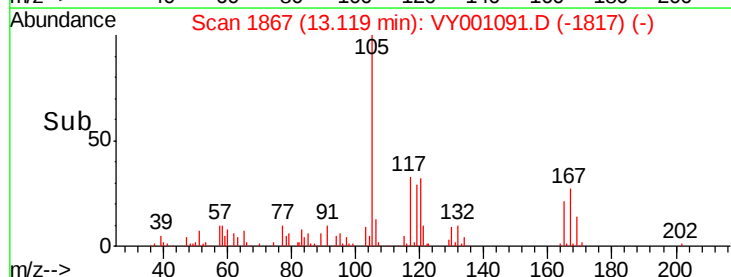
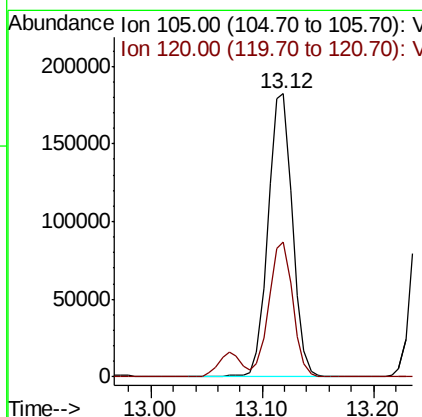
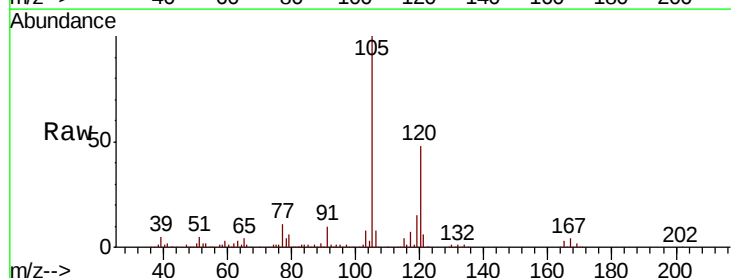
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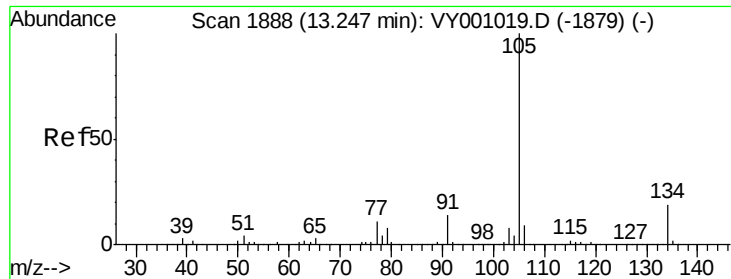
apatel
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#84
1,2,4-Trimethylbenzene
Concen: 19.882 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.01 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.9	23.4	70.2





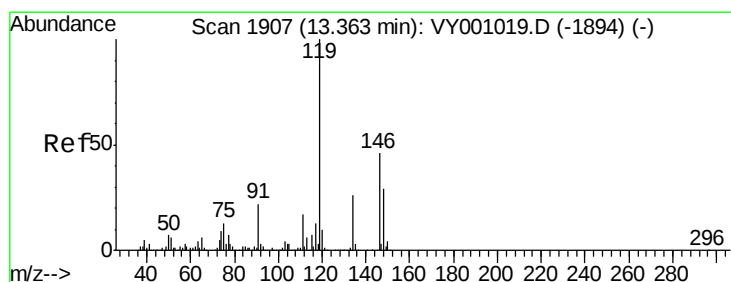
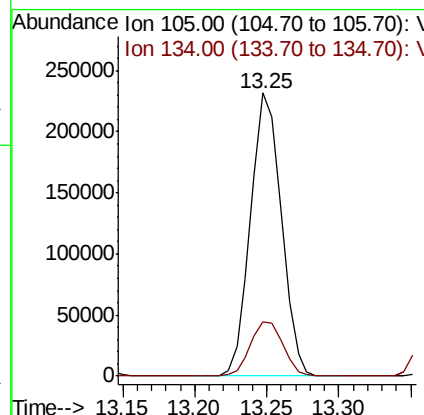
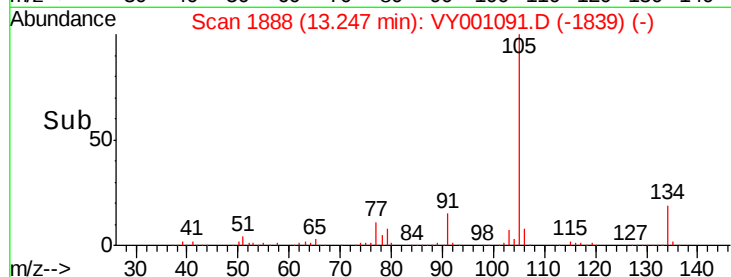
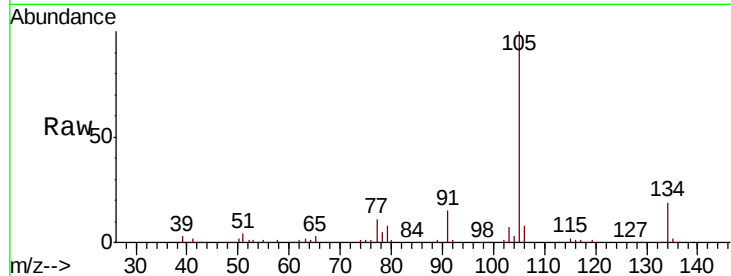
#85
 sec-Butylbenzene
 Concen: 19.899 ug/l
 RT: 13.25 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VY001091.D
 Acq: 27 Dec 2019 12:46

Instrument :
 MSVOA_Y
 ClientSampleID :
 VY1227SBS01

Tot Ion:105 Resp: 342491
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.0 30.0

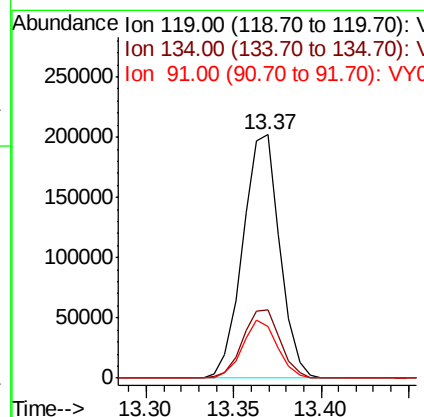
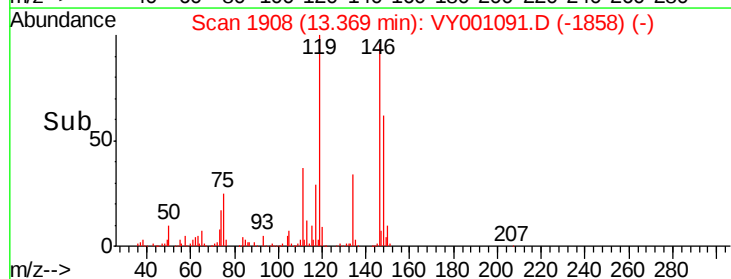
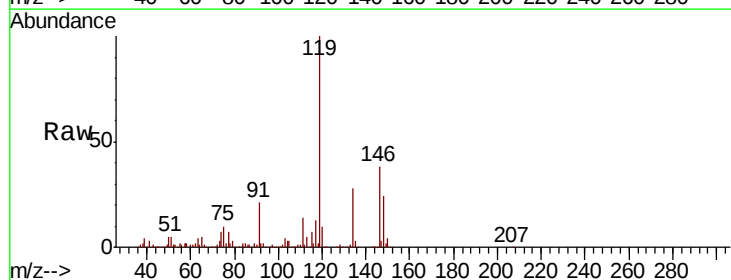
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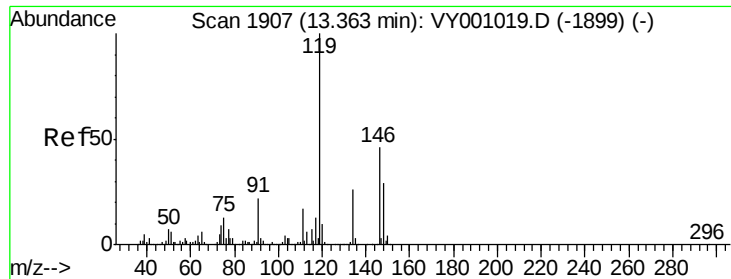
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#86
 p-Isopropyltoluene
 Concen: 19.886 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY001091.D
 Acq: 27 Dec 2019 12:46

Tgt Ion:119 Resp: 296153
 Ion Ratio Lower Upper
 119 100
 134 28.4 13.6 40.7
 91 22.5 11.4 34.1





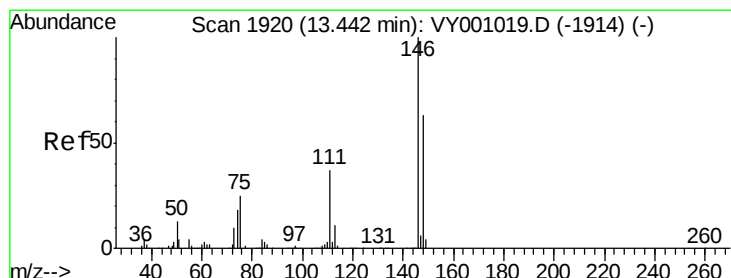
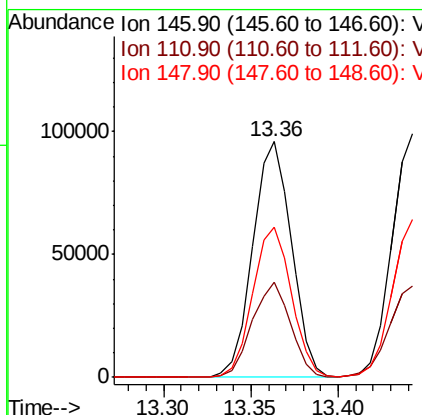
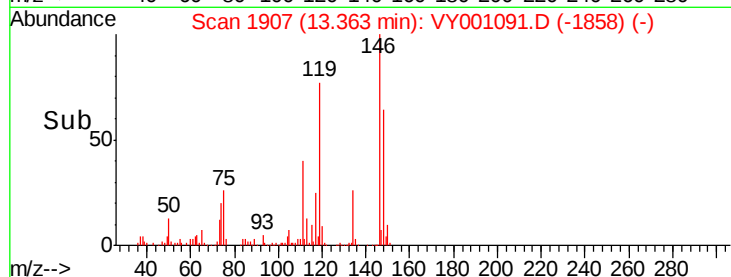
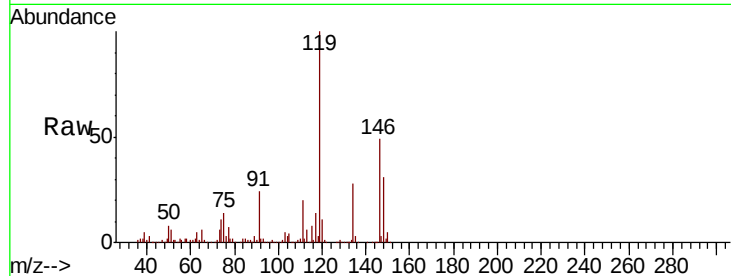
#87
 1,3-Dichlorobenzene
 Concen: 20.151 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001091.D
 Acq: 27 Dec 2019 12:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1227SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	147685		
111	39.9	19.7	59.0	
148	63.8	31.9	95.5	

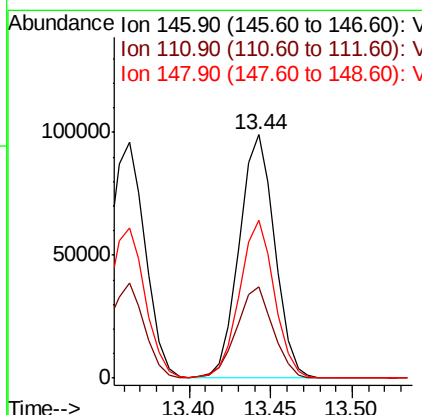
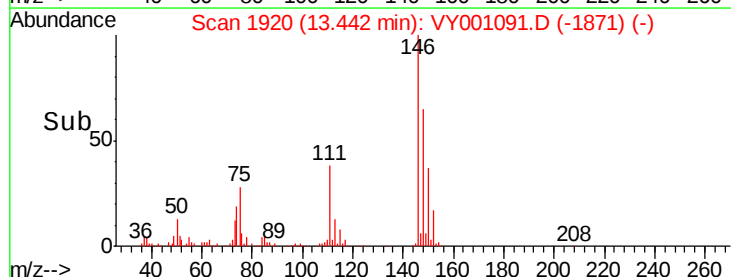
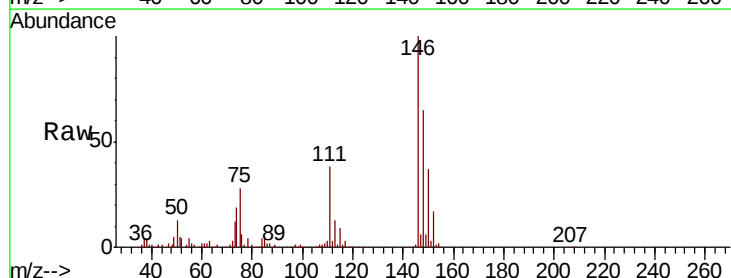
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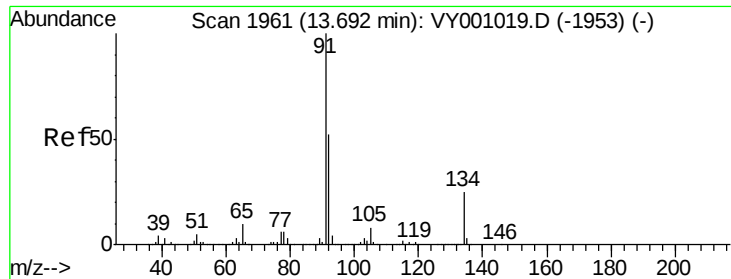
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#88
 1,4-Dichlorobenzene
 Concen: 20.360 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY001091.D
 Acq: 27 Dec 2019 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	150527		
111	38.6	19.4	58.2	
148	63.3	31.8	95.3	





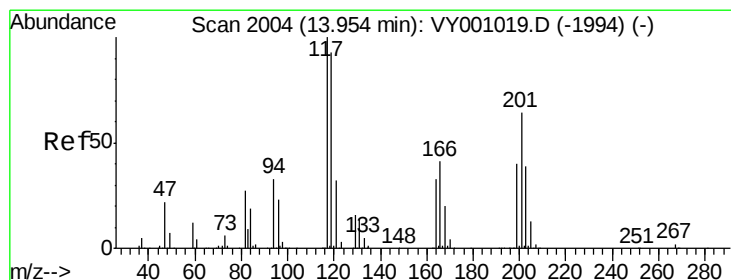
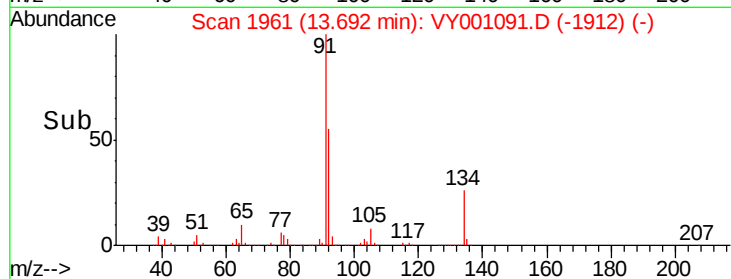
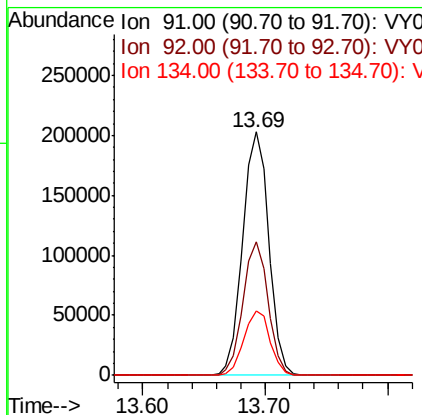
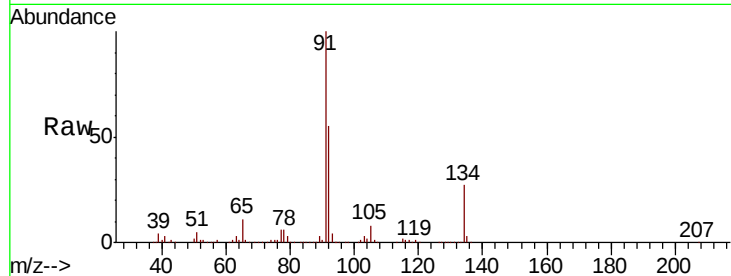
#89
n-Butylbenzene
Concen: 20.014 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.1	26.9	80.7	
134	26.7	12.7	38.0	

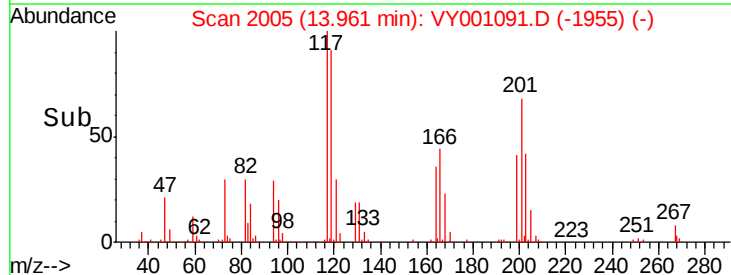
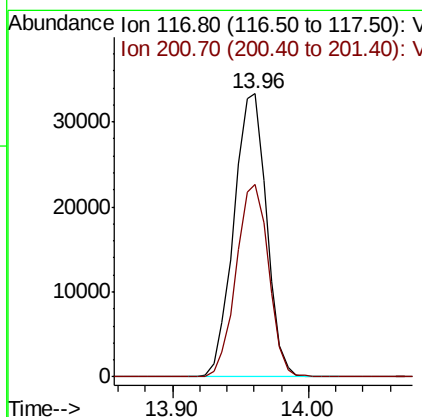
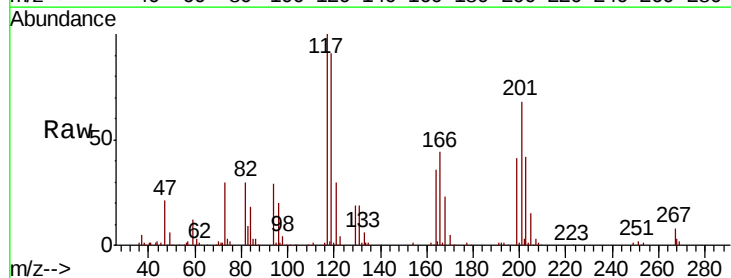
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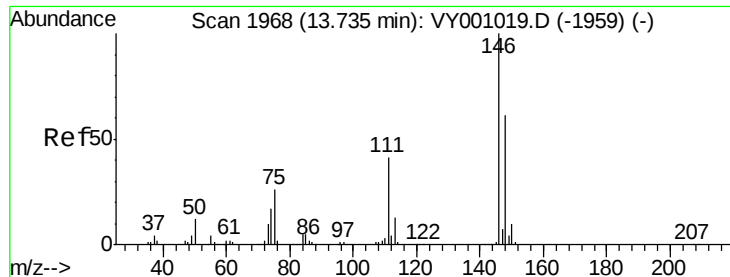
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#90
Hexachloroethane
Concen: 19.868 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.01 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	67.6	33.7	101.1	





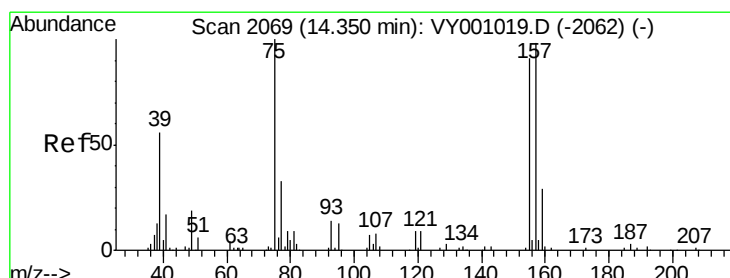
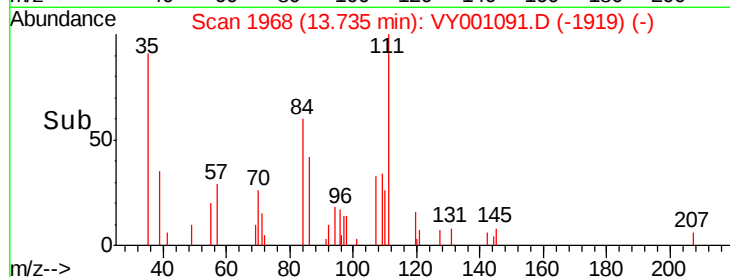
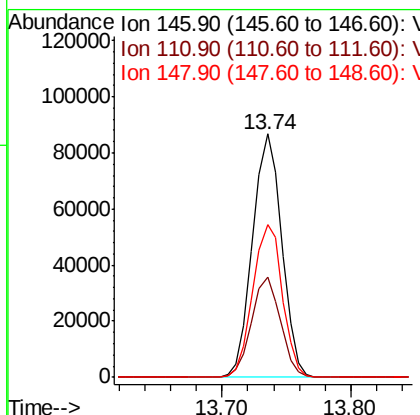
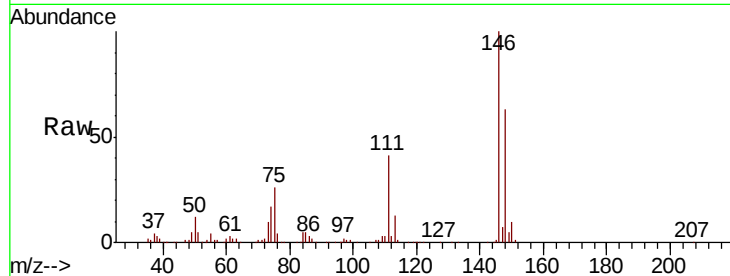
#91
 1,2-Dichlorobenzene
 Concen: 20.044 ug/l
 RT: 13.74 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY001091.D
 Acq: 27 Dec 2019 12:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1227SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	135512		
111	40.8	20.6	61.9	
148	63.6	31.6	94.7	

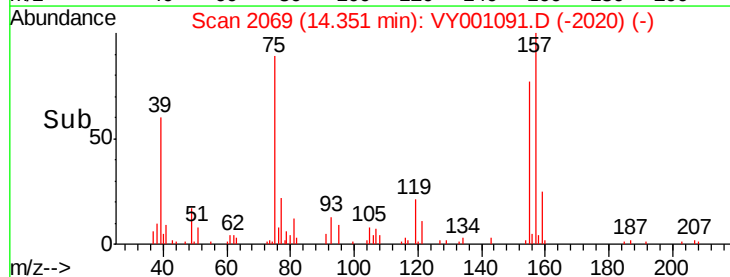
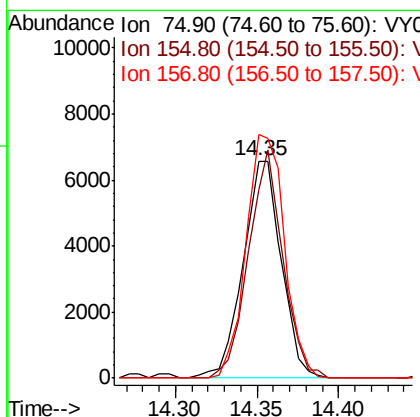
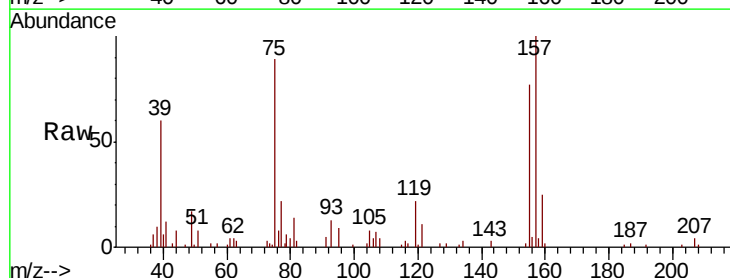
Manual Integrations
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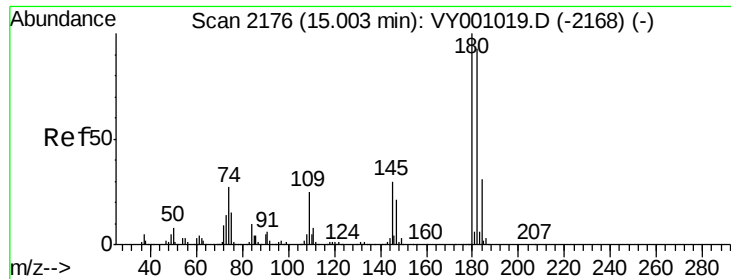
apatel
 12/30/2019 3:33:44 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.133 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. 0.00 min
 Lab File: VY001091.D
 Acq: 27 Dec 2019 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	10700		
155	94.6	46.3	138.9	
157	113.0	58.1	174.4	





#93

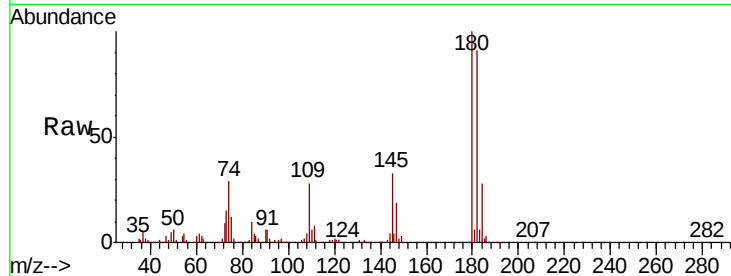
1,2,4-Trichlorobenzene
Concen: 19.969 ug/l
RT: 15.00 min Scan# 2176
Delta R.T. 0.00 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.5	46.8	140.3
145	31.0	15.3	45.9

Manual Integrations
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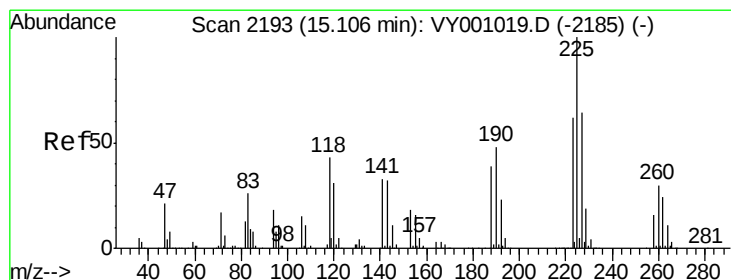
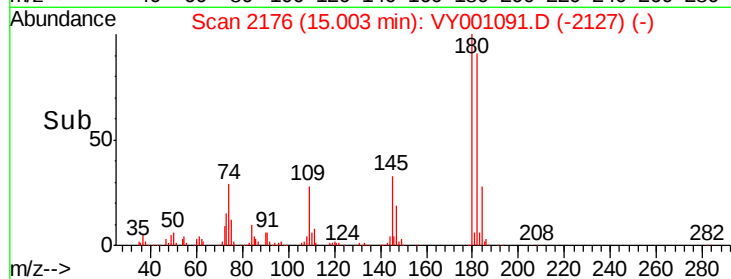
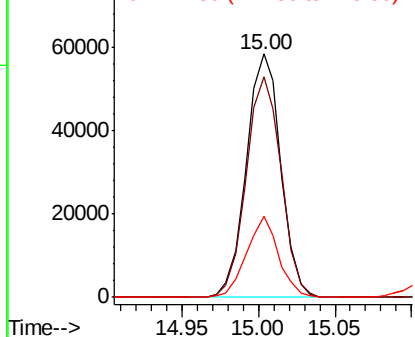


Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

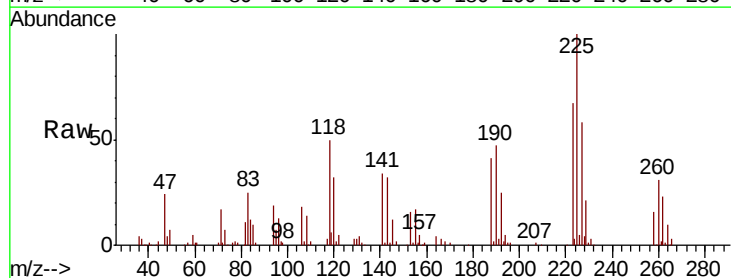
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene
Concen: 19.836 ug/l
RT: 15.11 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VY001091.D
Acq: 27 Dec 2019 12:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.6	94.8
227	64.1	31.9	95.5

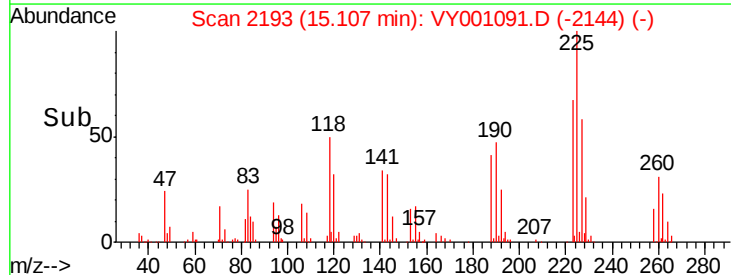
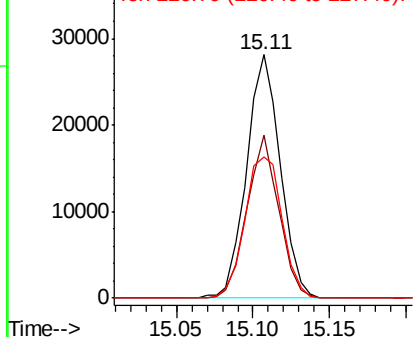


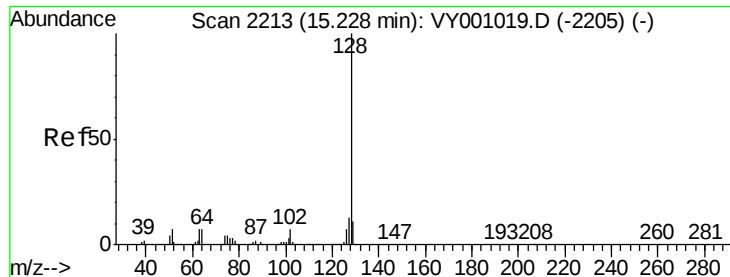
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.737 ug/l

RT: 15.23 min Scan# 2213

Delta R.T. 0.00 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

Instrument :

MSVOA_Y

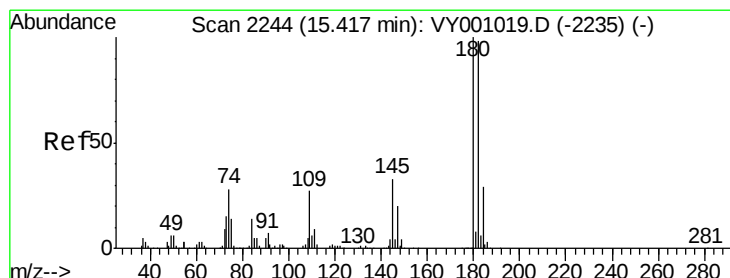
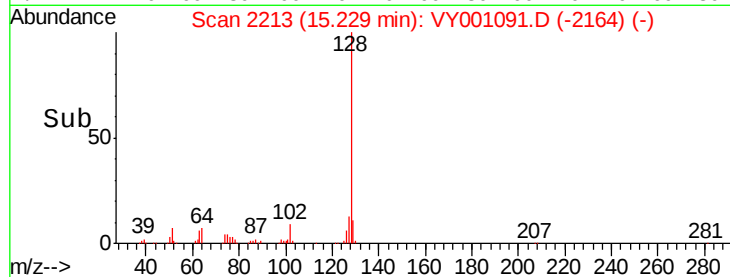
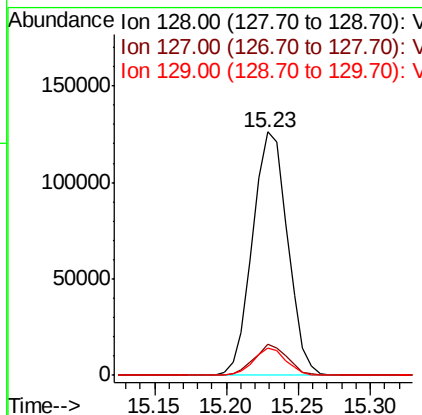
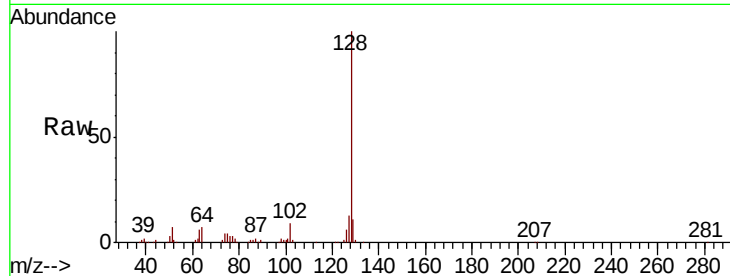
ClientSampleId :

VY1227SBS01

Tot Ion:	128	Resp:	211809
Ion Ratio	Lower	Upper	
128	100		
127	12.0	9.9	14.9
129	10.4	8.6	13.0

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 19.857 ug/l

RT: 15.42 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VY001091.D

Acq: 27 Dec 2019 12:46

Tgt Ion:	180	Resp:	80807
Ion Ratio	Lower	Upper	
180	100		
182	95.4	47.9	143.8
145	32.4	16.3	48.9

