

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY122419\
 Data File : VY001039.D
 Acq On : 24 Dec 2019 11:58
 Operator : SY/MD
 Sample : VY1224SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1224SBS01

Manual Integrations
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 12/26/2019 12:30:01 PM

Quant Time: Dec 25 03:46:03 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	323451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	566322	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	499790	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	230247	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	161141	50.51	ug/l	0.00
Spiked Amount						
			Recovery	=	101.02%	
35) Dibromofluoromethane	7.73	113	162972	48.87	ug/l	0.00
Spiked Amount						
			Recovery	=	97.74%	
50) Toluene-d8	10.18	98	685933	52.63	ug/l	0.00
Spiked Amount						
			Recovery	=	105.26%	
62) 4-Bromofluorobenzene	12.48	95	224111	47.03	ug/l	0.00
Spiked Amount						
			Recovery	=	94.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	61940	21.976	ug/l	99
3) Chloromethane	2.12	50	81031	21.124	ug/l	99
4) Vinyl Chloride	2.25	62	78766	21.144	ug/l	98
5) Bromomethane	2.63	94	51366	20.906	ug/l	92
6) Chloroethane	2.79	64	49997	21.548	ug/l	93
7) Trichlorofluoromethane	3.13	101	113992	20.863	ug/l	97
8) Diethyl Ether	3.54	74	46336	20.775	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	74445	20.742	ug/l	96
10) Methyl Iodide	4.09	142	97971	19.756	ug/l	100
11) Tert butyl alcohol	4.96	59	35455	101.079	ug/l	96
12) 1,1-Dichloroethene	3.88	96	76760	21.124	ug/l	96
13) Acrolein	3.74	56	42591	97.999	ug/l	99
14) Allyl chloride	4.49	41	116521	20.642	ug/l	99
15) Acrylonitrile	5.18	53	115045	103.208	ug/l	99
16) Acetone	3.95	43	78257	106.484	ug/l	89
17) Carbon Disulfide	4.19	76	244841	20.620	ug/l	96
18) Methyl Acetate	4.49	43	58470	20.737	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	192791	20.556	ug/l	99
20) Methylene Chloride	4.72	84	96118	22.220	ug/l	94
21) trans-1,2-Dichloroethene	5.22	96	87206	21.655	ug/l	97
22) Diisopropyl ether	6.13	45	238655	20.916	ug/l	96
23) Vinyl Acetate	6.07	43	758057	105.200	ug/l	100
24) 1,1-Dichloroethane	6.03	63	141163	20.936	ug/l	98
25) 2-Butanone	7.00	43	134759	104.378	ug/l	97
26) 2,2-Dichloropropane	6.99	77	116670	21.061	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	93393	21.109	ug/l	98
28) Bromochloromethane	7.35	49	50479	19.187	ug/l	97
29) Tetrahydrofuran	7.36	42	92868	101.123	ug/l	99
30) Chloroform	7.52	83	132756	20.822	ug/l	99
31) Cyclohexane	7.79	56	146379	20.645	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	111602	20.519	ug/l	99
36) 1,1-Dichloropropene	7.93	75	115075	21.300	ug/l	99
37) Ethyl Acetate	7.09	43	58978	19.715	ug/l	97
38) Carbon Tetrachloride	7.91	117	98565	20.823	ug/l	96

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	153778	21.434	ug/l	97
40) Benzene	8.17	78	340703	20.903	ug/l	95
41) Methacrylonitrile	7.32	41	21565m	16.627	ug/l	
42) 1,2-Dichloroethane	8.25	62	81297	20.862	ug/l	100
43) Isopropyl Acetate	8.28	43	109973	19.859	ug/l	98
44) Trichloroethene	8.94	130	89559	20.854	ug/l	97
45) 1,2-Dichloropropane	9.22	63	84235	20.601	ug/l	100
46) Dibromomethane	9.31	93	43516	20.645	ug/l	99
47) Bromodichloromethane	9.50	83	98949	20.267	ug/l	99
48) Methyl methacrylate	9.30	41	47698	20.184	ug/l	94
49) 1,4-Dioxane	9.30	88	13537	439.038	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	296407	102.692	ug/l	100
52) Toluene	10.24	92	211307	21.063	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	108478	20.472	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	132641	20.818	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	67545	21.465	ug/l	96
56) Ethyl methacrylate	10.51	69	90942	20.307	ug/l	99
57) 1,3-Dichloropropane	10.79	76	116054	21.041	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	171834	99.340	ug/l	98
59) 2-Hexanone	10.83	43	203473	101.879	ug/l	100
60) Dibromochloromethane	10.98	129	69997	20.825	ug/l	96
61) 1,2-Dibromoethane	11.09	107	62962	20.924	ug/l	98
64) Tetrachloroethene	10.72	164	95532	22.092	ug/l	98
65) Chlorobenzene	11.52	112	215543	20.791	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	73668	21.533	ug/l	98
67) Ethyl Benzene	11.59	91	399987	21.450	ug/l	99
68) m/p-Xylenes	11.70	106	300512	42.444	ug/l	99
69) o-Xylene	12.02	106	142285	21.361	ug/l	99
70) Styrene	12.04	104	240706	21.253	ug/l	99
71) Bromoform	12.20	173	40771	21.402	ug/l #	100
73) Isopropylbenzene	12.33	105	380263	21.342	ug/l	99
74) N-amyl acetate	12.14	43	94557	20.201	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	71825	20.463	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	48752m	17.175	ug/l	
77) Bromobenzene	12.61	156	84159	21.002	ug/l	99
78) n-propylbenzene	12.67	91	457157	21.057	ug/l	99
79) 2-Chlorotoluene	12.75	91	255008	21.269	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	312073	21.368	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	27352	20.552	ug/l	97
82) 4-Chlorotoluene	12.85	91	264856	21.268	ug/l	98
83) tert-Butylbenzene	13.07	119	259349	21.154	ug/l	100
84) 1,2,4-Trimethylbenzene	13.11	105	310698	21.170	ug/l	99
85) sec-Butylbenzene	13.25	105	385560	21.332	ug/l	100
86) p-Isopropyltoluene	13.36	119	338826	21.665	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	165215	21.467	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	162436	20.922	ug/l	98
89) n-Butylbenzene	13.69	91	342343	21.757	ug/l	99
90) Hexachloroethane	13.95	117	61004	20.704	ug/l	98
91) 1,2-Dichlorobenzene	13.73	146	151328	21.316	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.35	75	11891	20.248	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	101538	21.189	ug/l	99
94) Hexachlorobutadiene	15.11	225	50292	22.055	ug/l	100
95) Naphthalene	15.23	128	233594	20.728	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	90433	21.162	ug/l	99

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

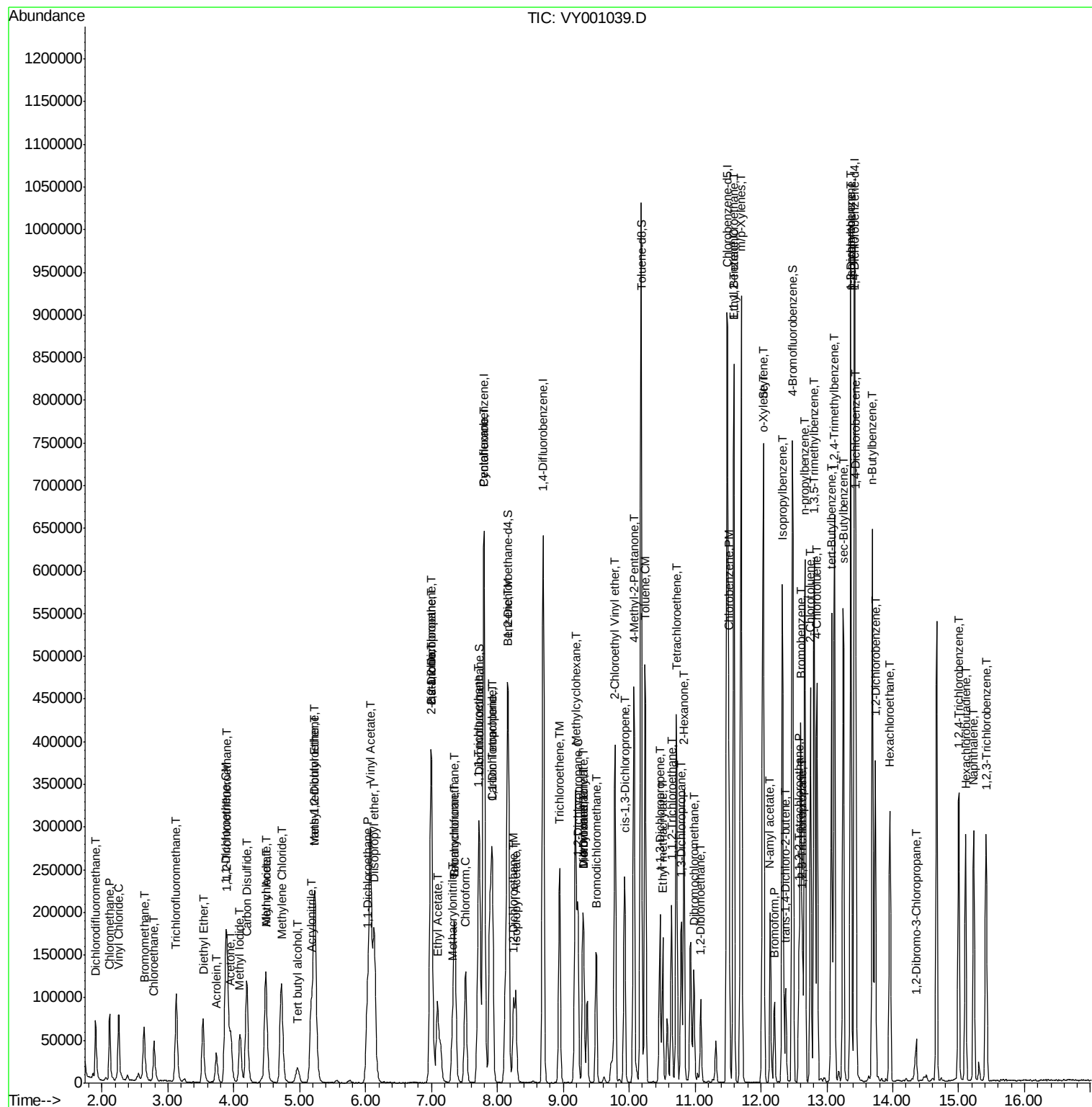
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Acq On : 24 Dec 2019 11:58
Operator : SY/MD
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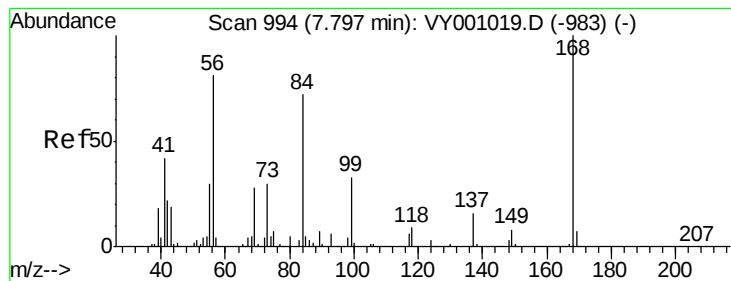
Instrument :
MSVOA_Y
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1224SBS01

Tot Ion:168 Resp: 323451

Ion Ratio Lower Upper

168 100

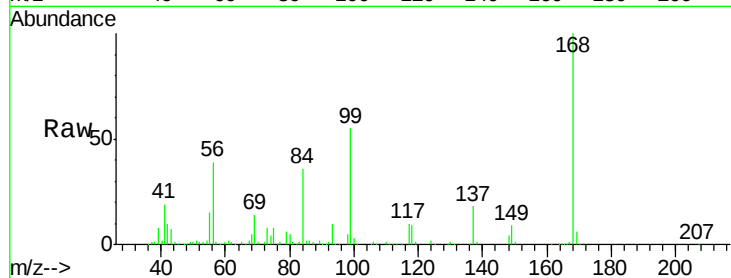
99 55.1 44.0 66.0

Manual Integrations

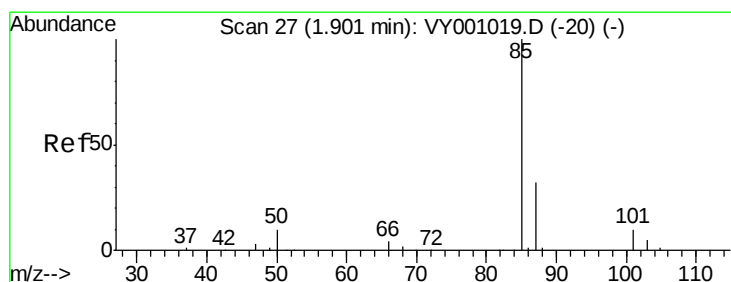
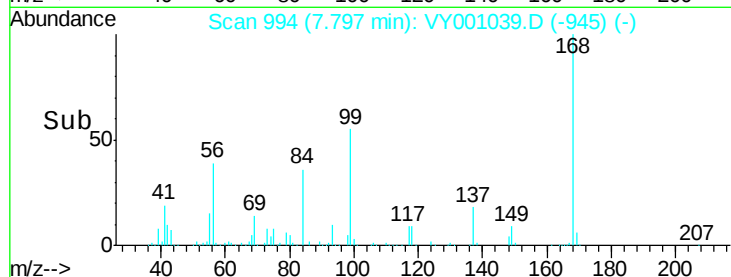
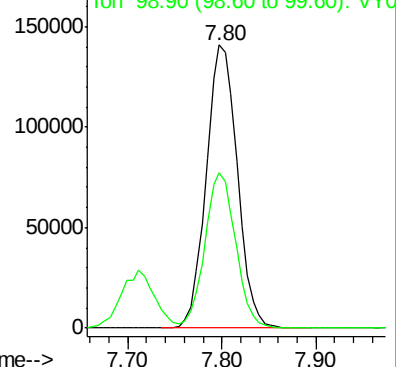
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Abundance Ion 167.90 (167.60 to 168.60): VY001039.D (-945) (-)



#2

Dichlorodifluoromethane

Concen: 21.976 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY001039.D

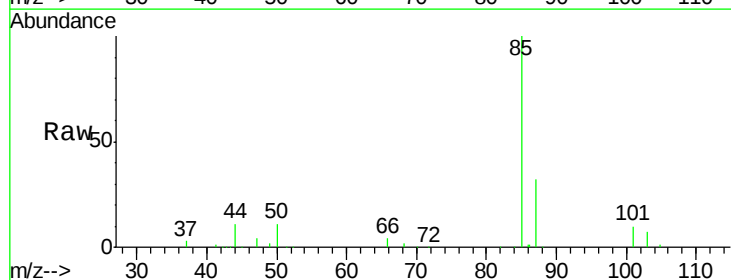
Acq: 24 Dec 2019 11:58

Tgt Ion: 85 Resp: 61940

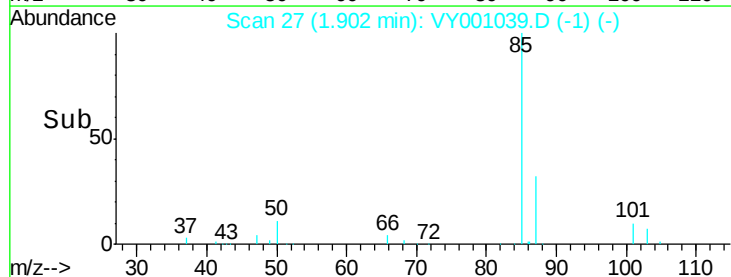
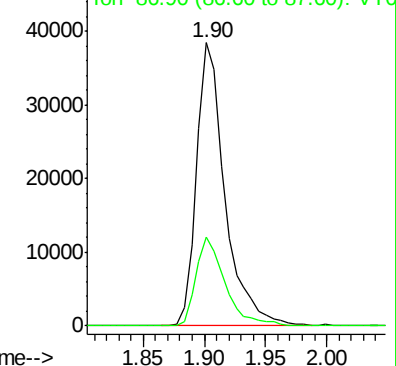
Ion Ratio Lower Upper

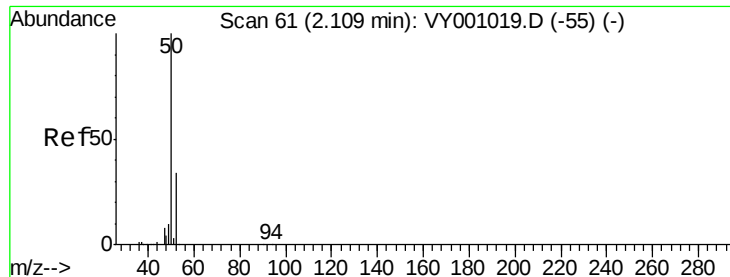
85 100

87 31.5 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY001039.D (-1) (-)





#3

Chloromethane

Concen: 21.124 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1224SBS01

Tot Ion: 50 Resp: 81031

Ion Ratio Lower Upper

50 100

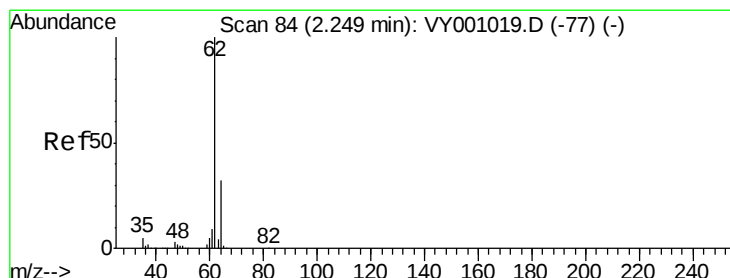
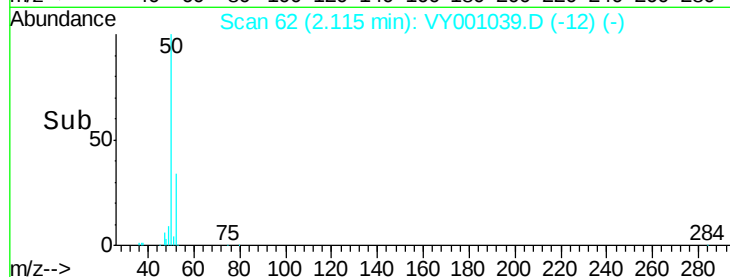
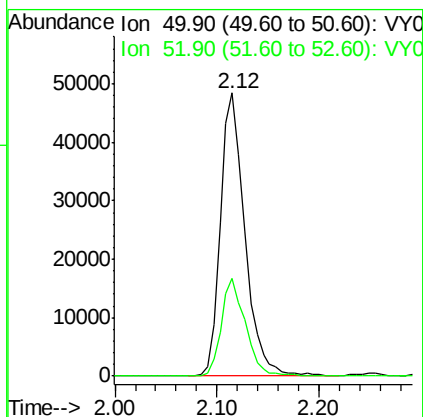
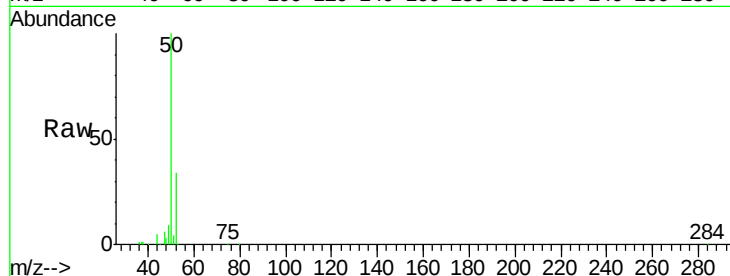
52 34.5 27.1 40.7

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#4

Vinyl Chloride

Concen: 21.144 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY001039.D

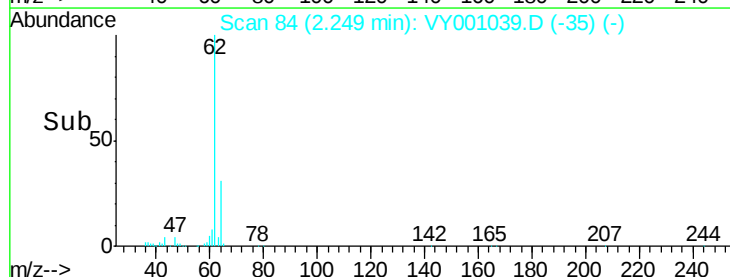
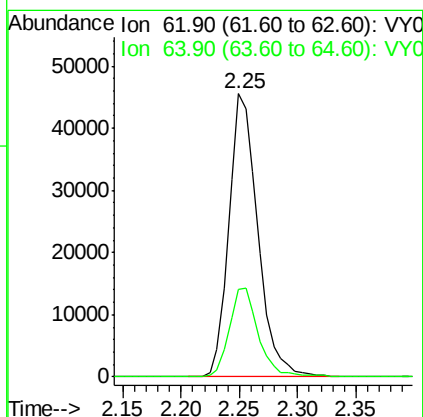
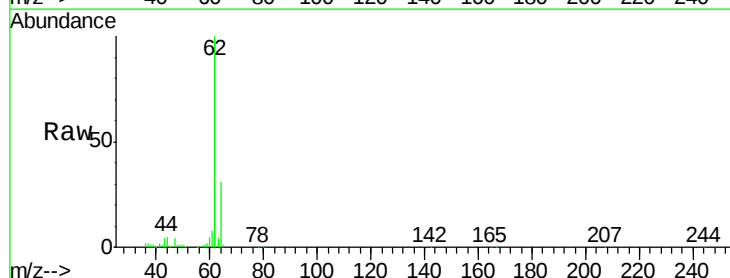
Acq: 24 Dec 2019 11:58

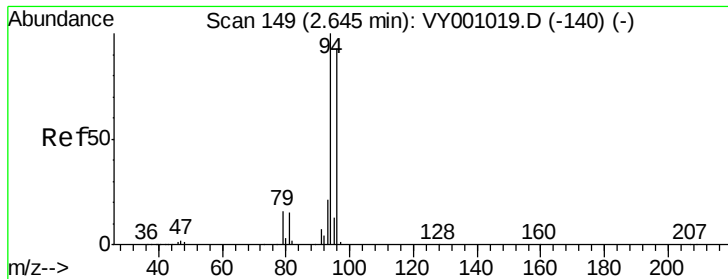
Tgt Ion: 62 Resp: 78766

Ion Ratio Lower Upper

62 100

64 31.1 25.6 38.4





#5

Bromomethane

Concen: 20.906 ug/l

RT: 2.63 min Scan# 147

Delta R.T. -0.01 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 51366

Ion Ratio Lower Upper

94 100

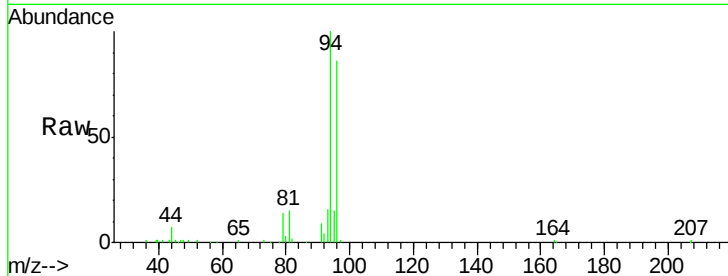
96 85.6 74.2 111.4

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.63

25000

20000

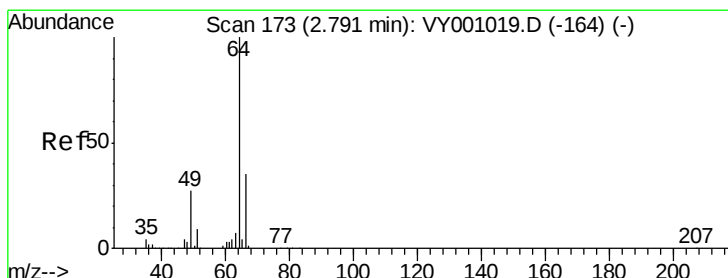
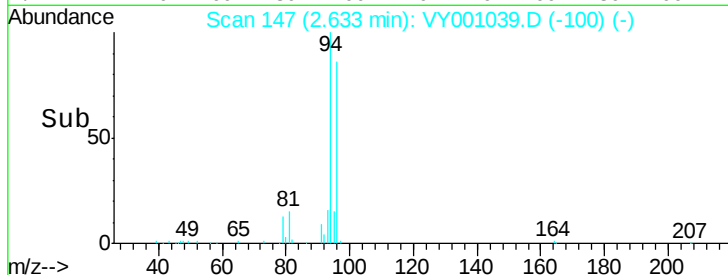
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 21.548 ug/l

RT: 2.79 min Scan# 172

Delta R.T. -0.01 min

Lab File: VY001039.D

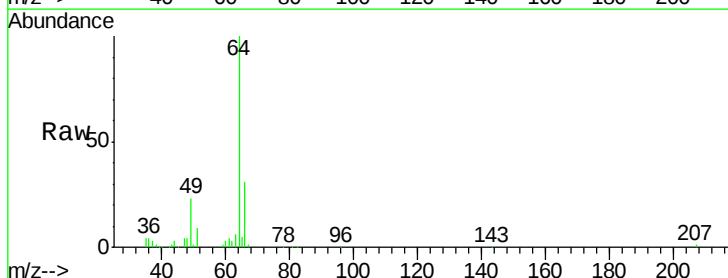
Acq: 24 Dec 2019 11:58

Tgt Ion: 64 Resp: 49997

Ion Ratio Lower Upper

64 100

66 30.9 27.8 41.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.79

25000

20000

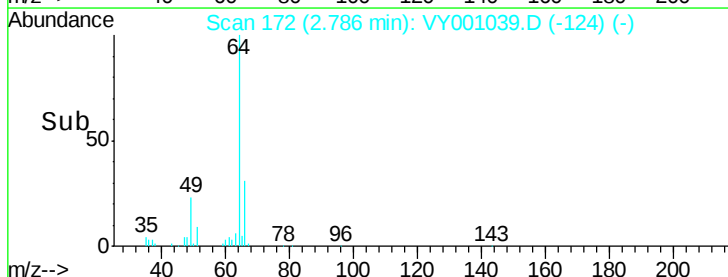
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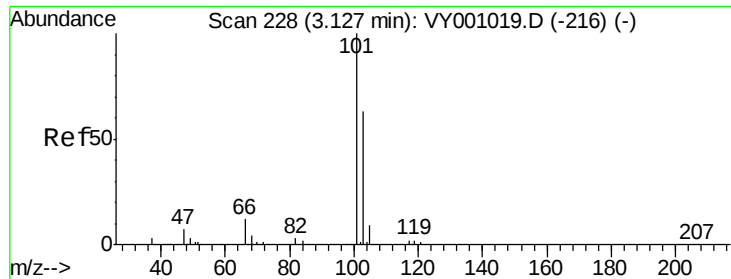
10000

5000

0

Time-->





#7

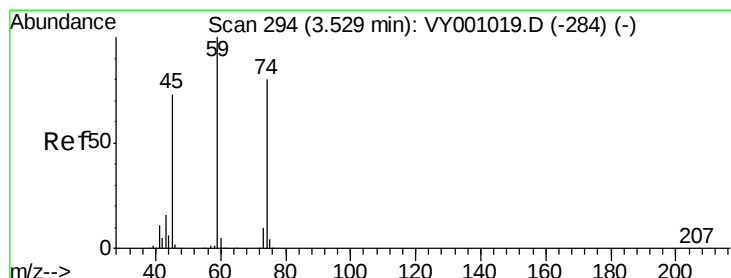
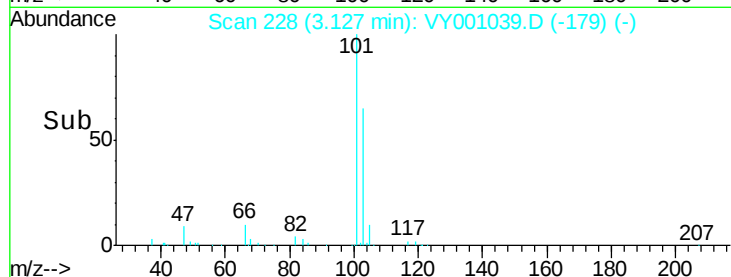
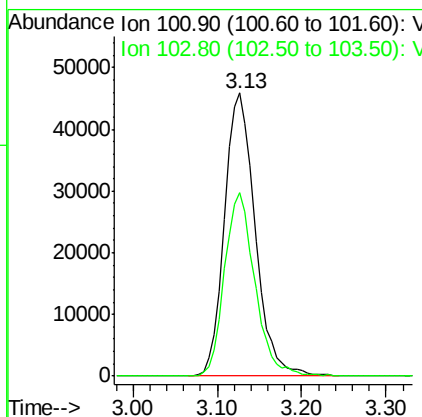
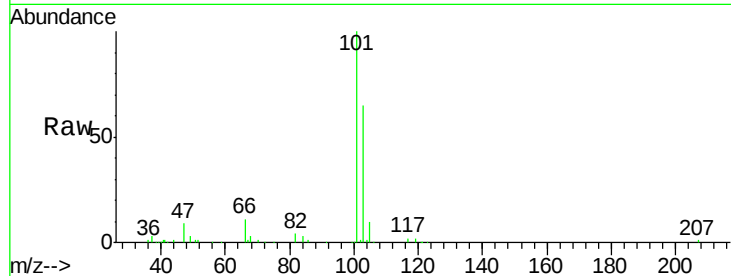
Trichlorofluoromethane
 Concen: 20.863 ug/l
 RT: 3.13 min Scan# 228
 Delta R.T. 0.00 min
 Lab File: VY001039.D
 Acq: 24 Dec 2019 11:58

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	113992		
103	65.0	50.2	50.2	75.2

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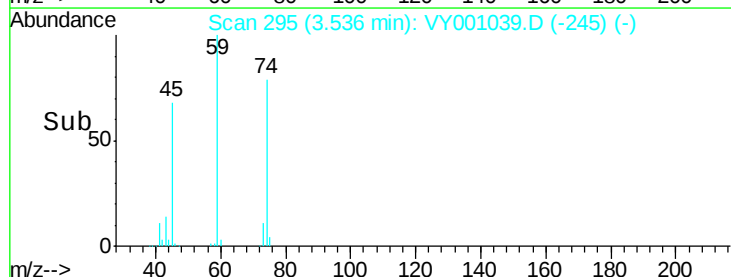
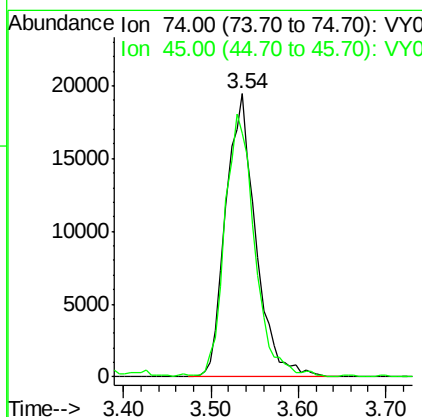
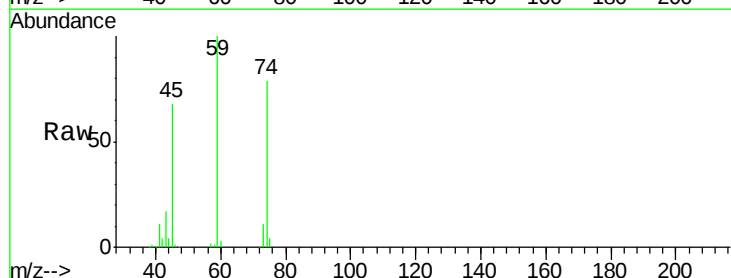
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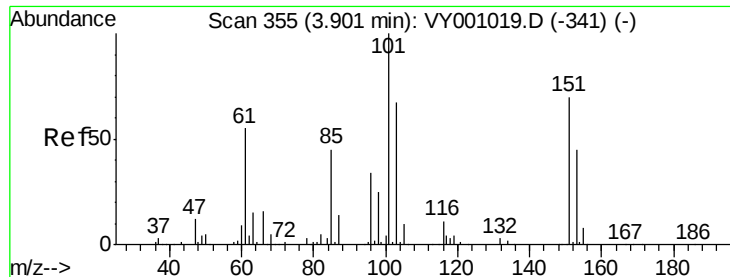


#8

Diethyl Ether
 Concen: 20.775 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.01 min
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Tgt Ion	Ratio	Resp	Lower	Upper
74	100	46336		
45	90.5	46.4	46.4	139.2





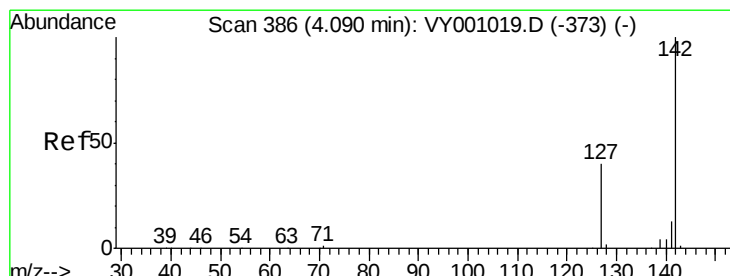
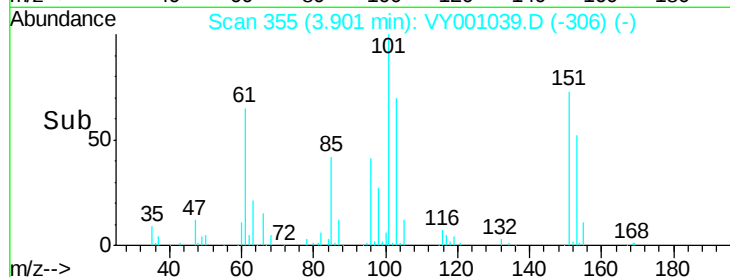
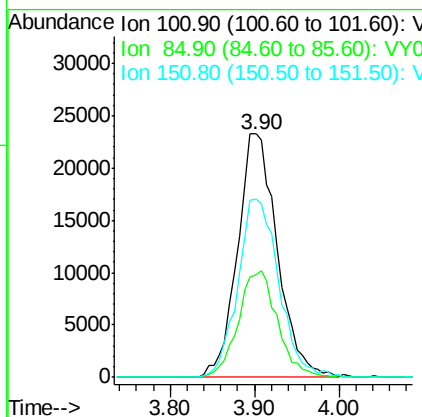
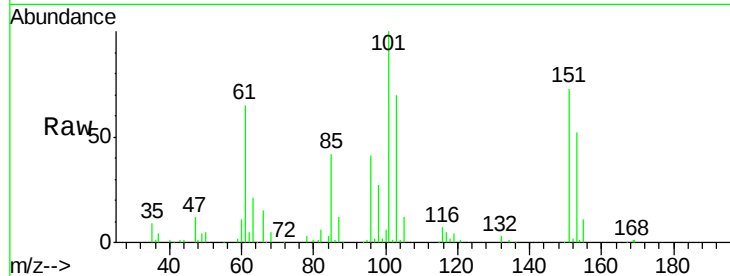
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.742 ug/l
RT: 3.90 min Scan# 355
Delta R.T. 0.00 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
85	43.2	34.2	51.2
151	75.8	57.0	85.6

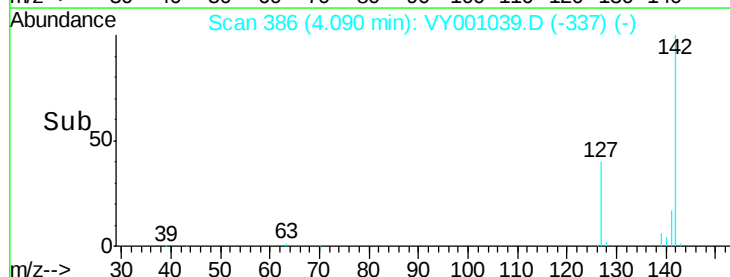
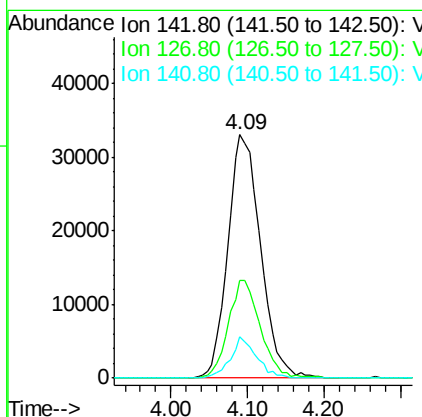
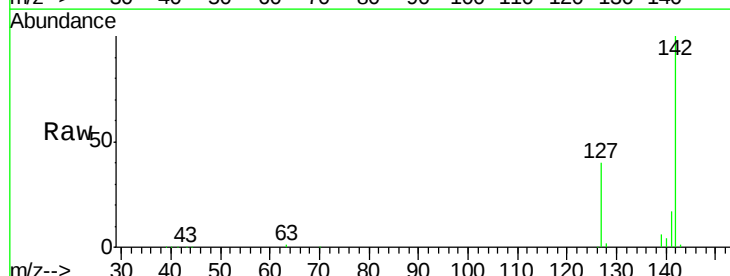
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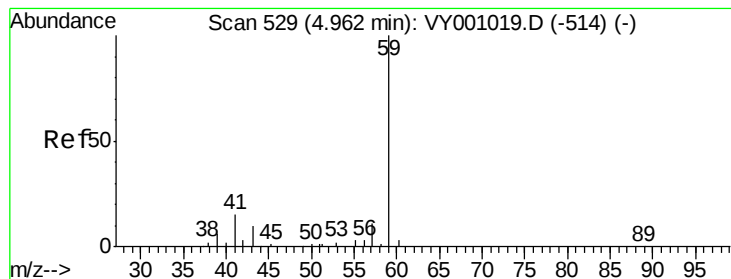
apatel
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#10
Methyl Iodide
Concen: 19.756 ug/l
RT: 4.09 min Scan# 386
Delta R.T. 0.00 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Tgt Ion	Ratio	Lower	Upper
142	100		
127	39.3	31.2	46.8
141	13.5	11.0	16.4





#11

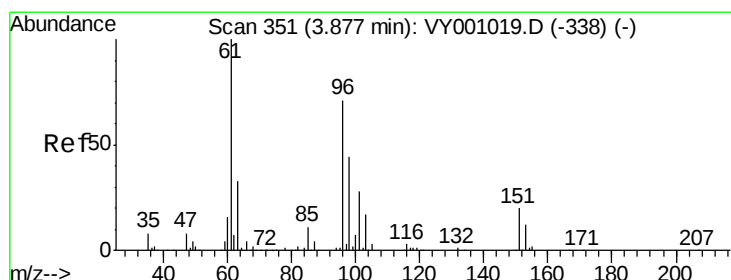
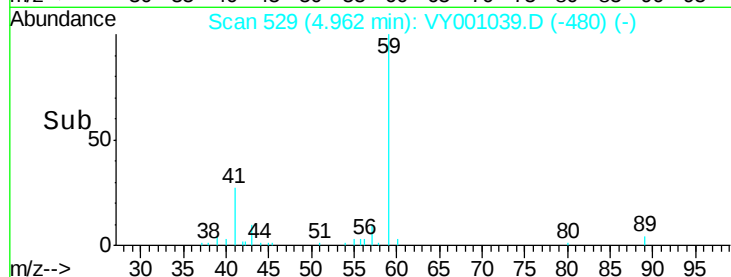
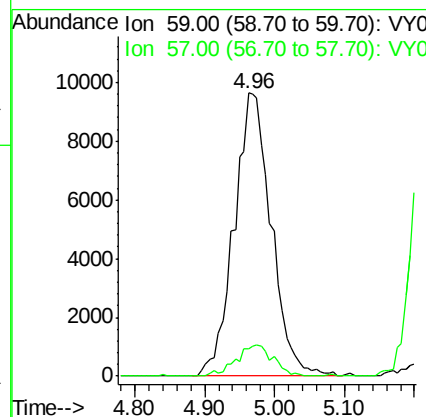
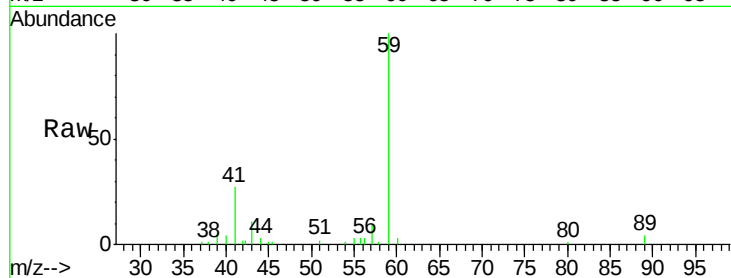
Tert butyl alcohol
 Concen: 101.079 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: VY001039.D
 Acq: 24 Dec 2019 11:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1224SBS01

Tot Ion	59	57	Ratio	100	11.0	Resp:	35455	Lower	7.8	Upper	11.6

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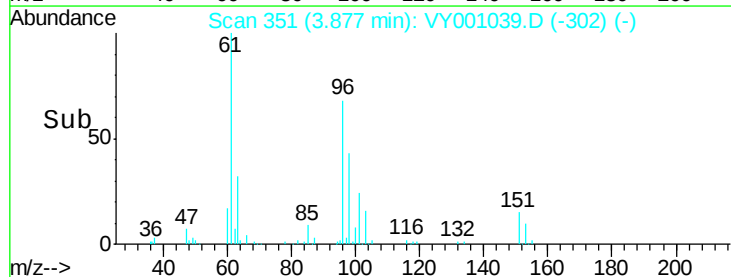
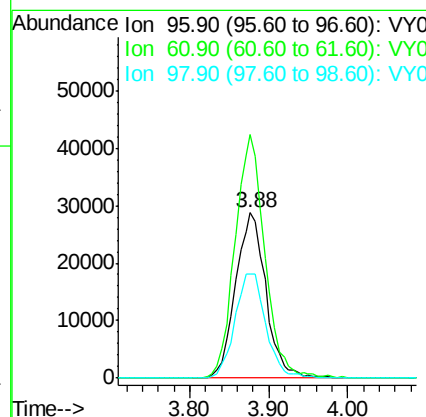
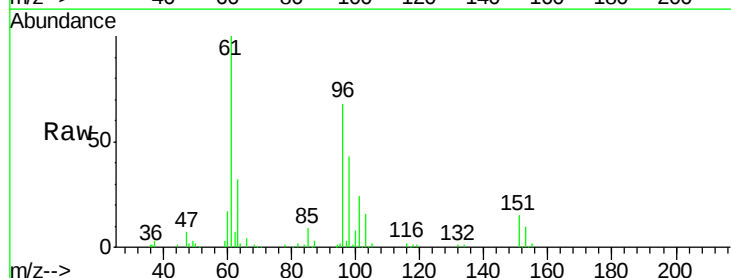
apatel
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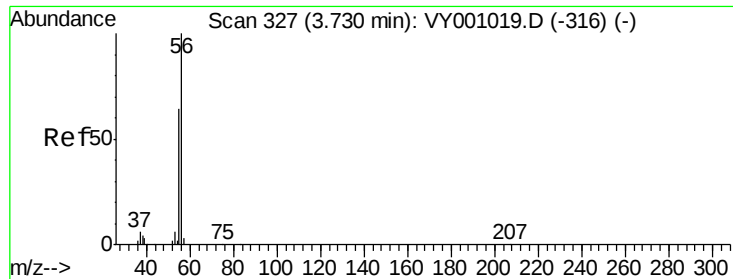


#12

1,1-Dichloroethene
 Concen: 21.124 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY001039.D
 Acq: 24 Dec 2019 11:58

Tgt Ion	96	61	98	Ratio	100	147.2	63.1	Resp:	76760	Lower	113.0	49.8	Upper	169.4	74.8





#13

Acrolein

Concen: 97.999 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1224SBS01

Tot Ion: 56 Resp: 42591

Ion Ratio Lower Upper

56 100

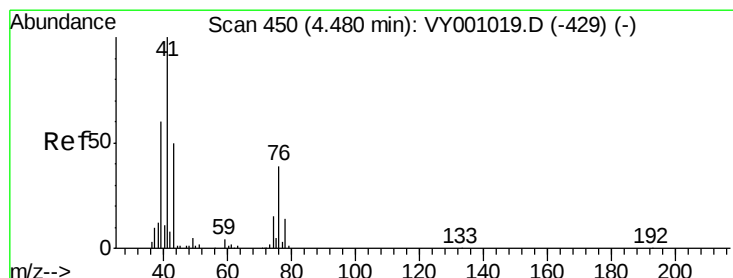
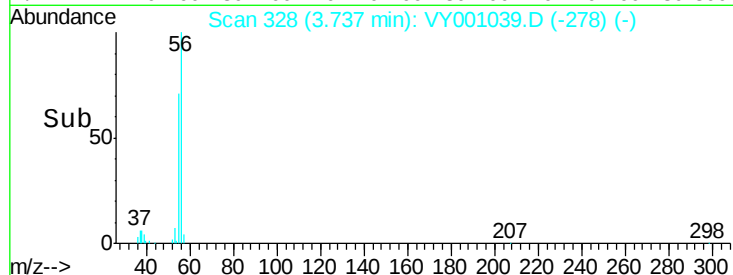
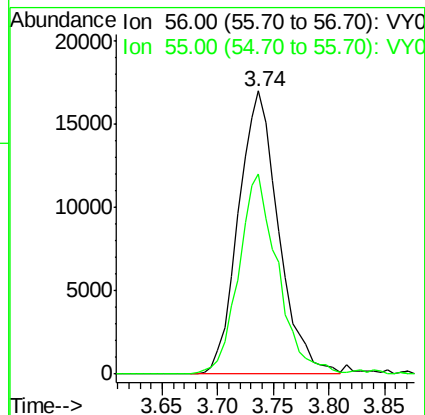
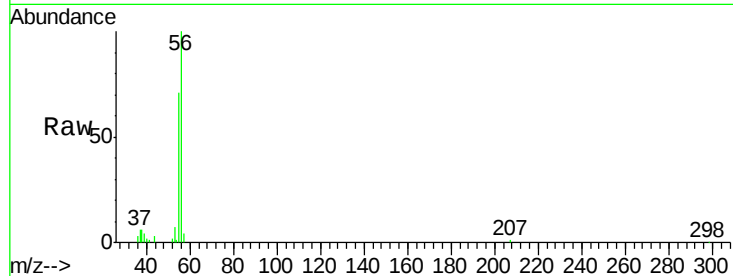
55 68.7 55.6 83.4

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#14

Allyl chloride

Concen: 20.642 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

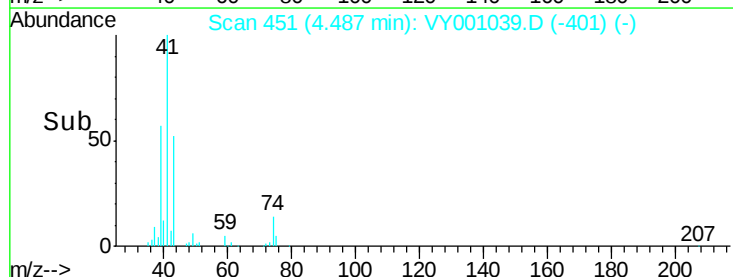
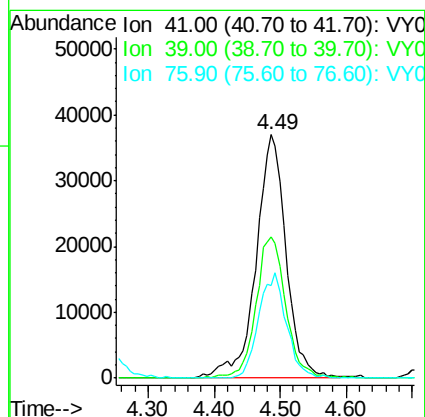
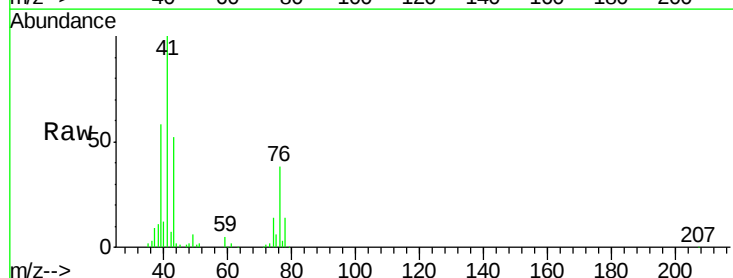
Tgt Ion: 41 Resp: 116521

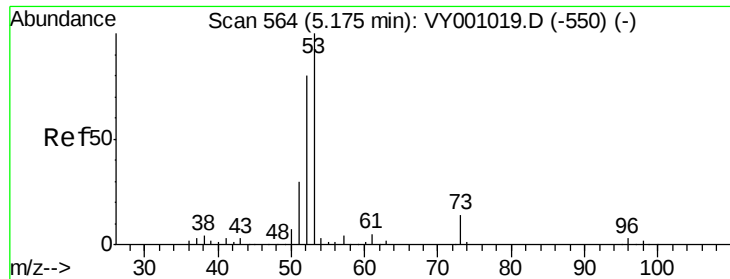
Ion Ratio Lower Upper

41 100

39 58.1 46.0 69.0

76 40.0 32.6 48.8





#15

Acrylonitrile

Concen: 103.208 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Instrument :

MSVOA_Y

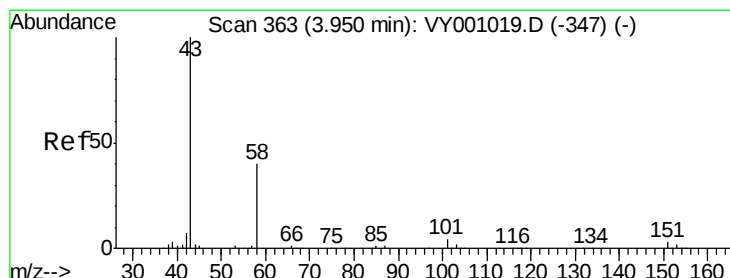
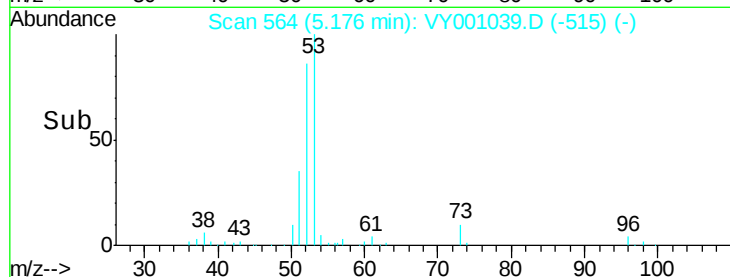
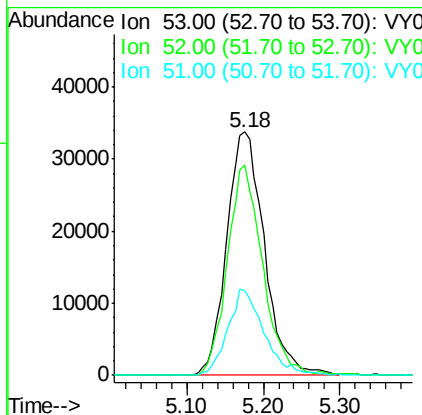
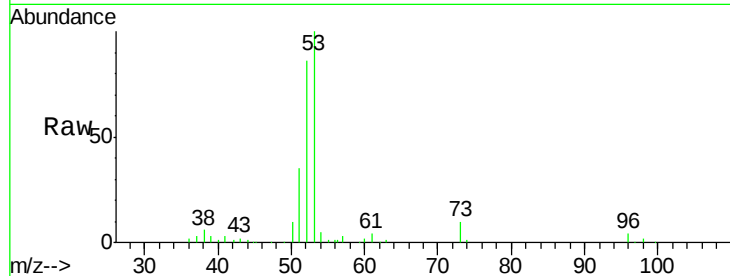
ClientSampleId :

VY1224SBS01

Tot Ion:	53	Resp:	115045
Ion Ratio	Lower	Upper	
53	100		
52	80.5	63.6	95.4
51	34.1	26.7	40.1

Manual Integrations
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#16

Acetone

Concen: 106.484 ug/l

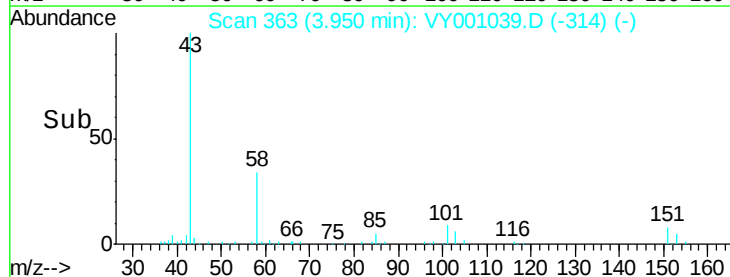
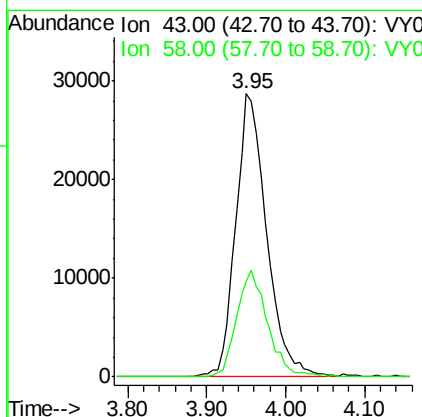
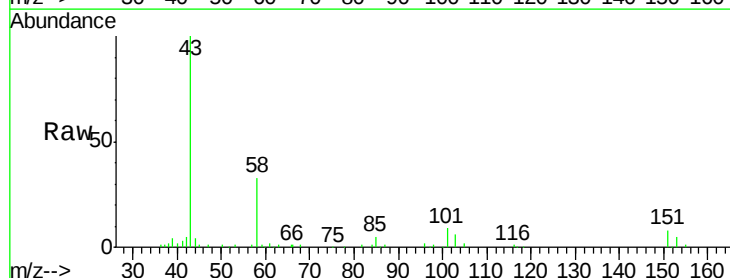
RT: 3.95 min Scan# 363

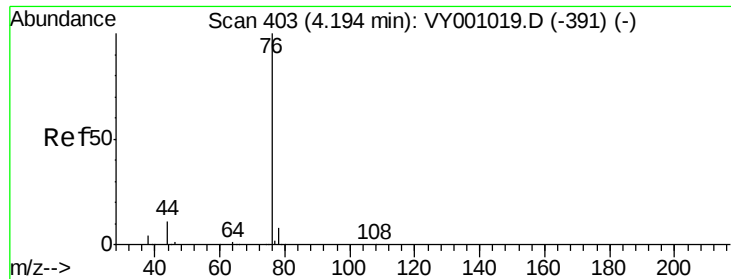
Delta R.T. 0.00 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Tgt Ion:	43	Resp:	78257
Ion Ratio	Lower	Upper	
43	100		
58	33.4	32.1	48.1





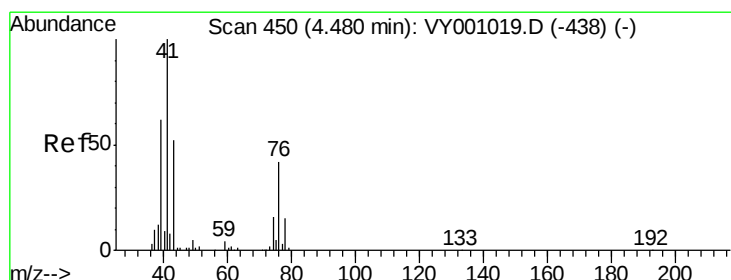
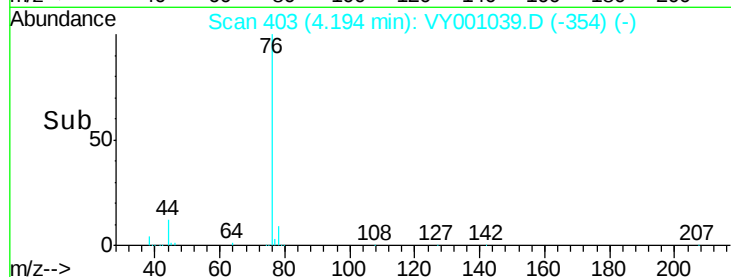
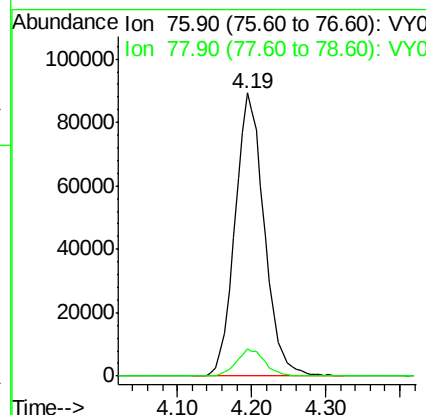
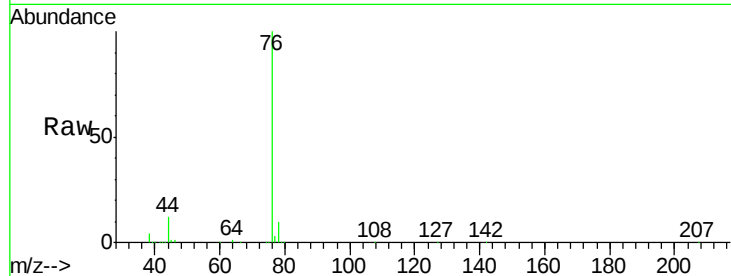
#17
Carbon Disulfide
Concen: 20.620 ug/l
RT: 4.19 min Scan# 403
Delta R.T. 0.00 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.7	6.7	10.1

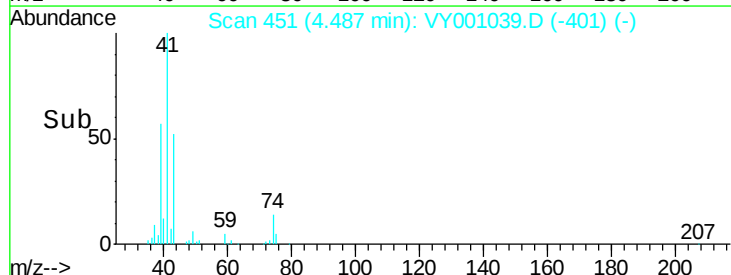
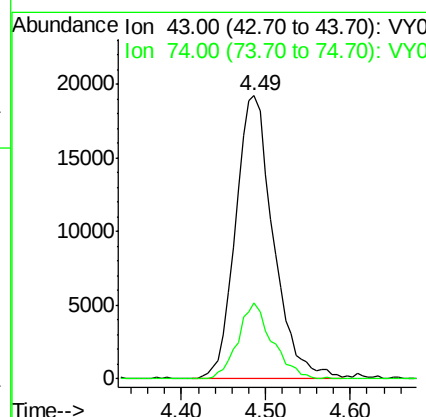
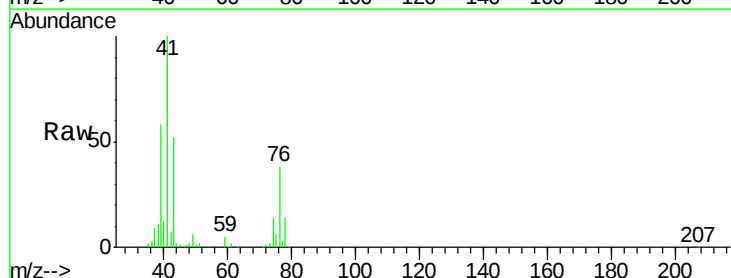
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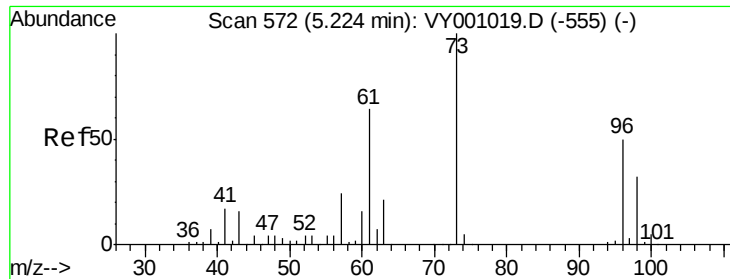
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#18
Methyl Acetate
Concen: 20.737 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.2	20.7	31.1





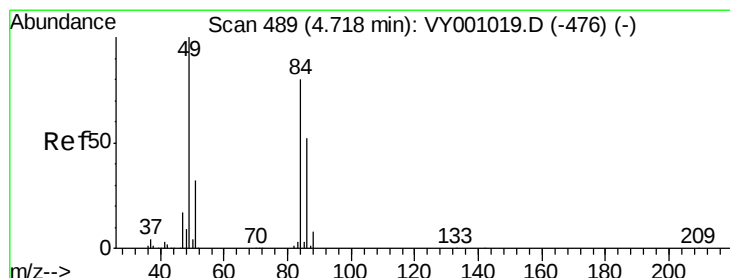
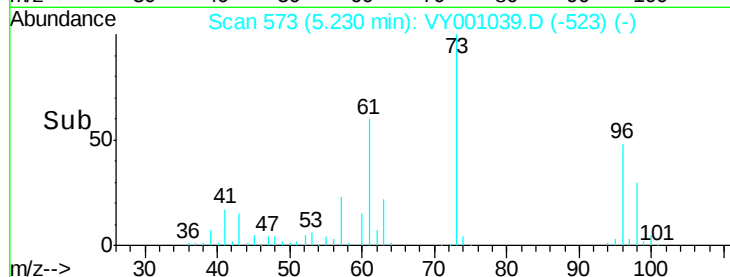
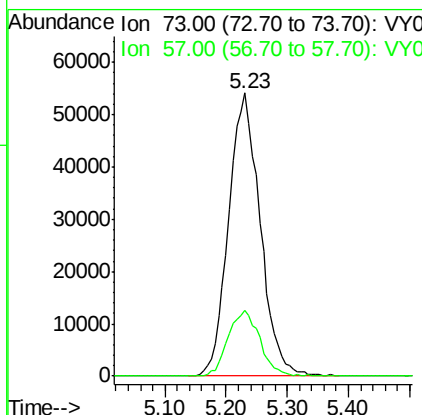
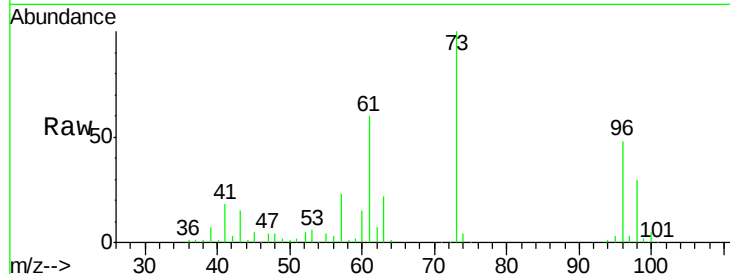
#19
Methvl tert-butvl Ether
Concen: 20.556 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

Tot Ion: 73 Resp: 192791
Ion Ratio Lower Upper
73 100
57 23.1 19.0 28.6

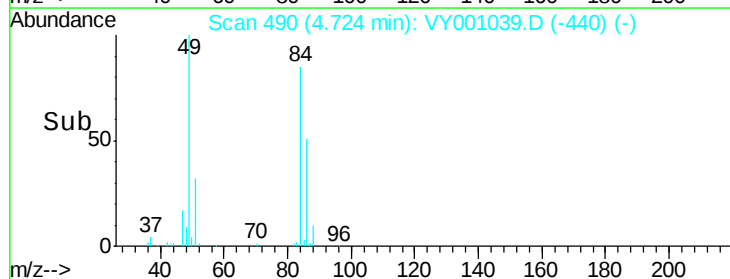
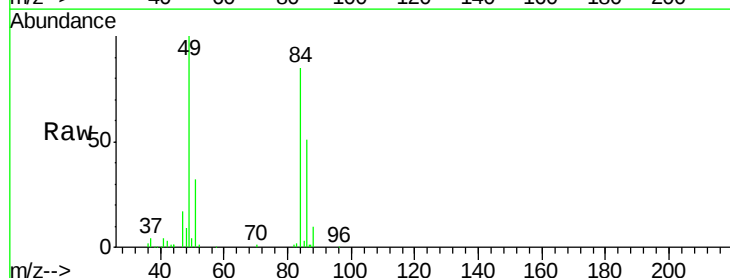
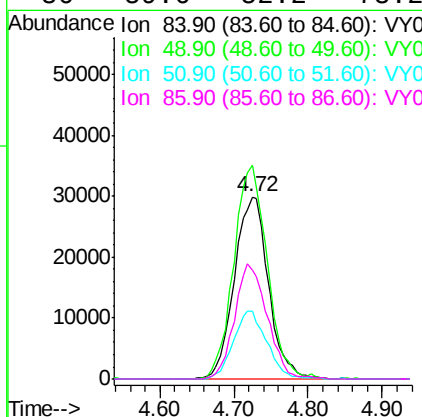
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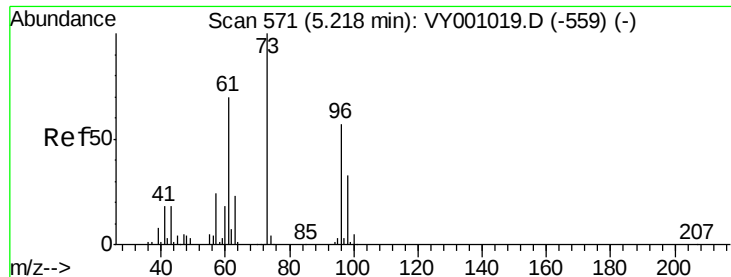
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#20
Methylene Chloride
Concen: 22.220 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Tgt Ion: 84 Resp: 96118
Ion Ratio Lower Upper
84 100
49 117.2 99.8 149.6
51 37.4 31.4 47.2
86 59.6 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 21.655 ug/l

RT: 5.22 min Scan# 572

Delta R.T. 0.01 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Instrument :

MSVOA_Y

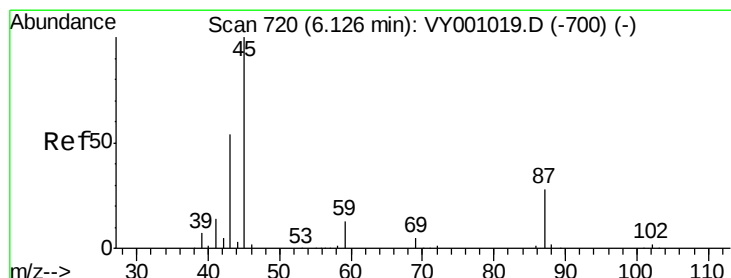
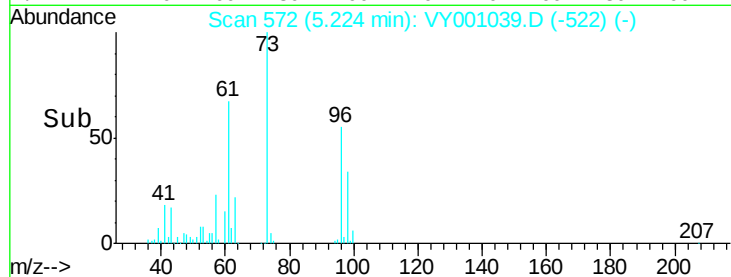
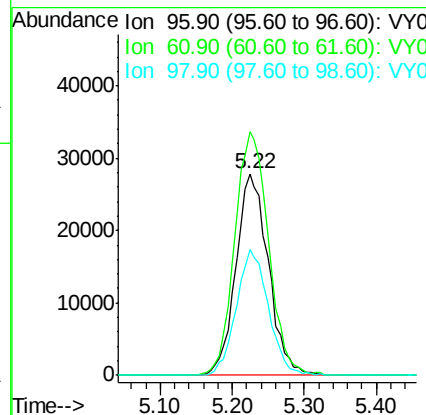
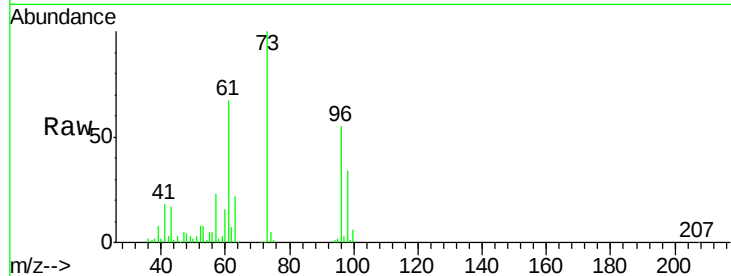
ClientSampleId :

VY1224SBS01

Tot Ion:	96	Resp:	87206
Ion	Ratio	Lower	Upper
96	100		
61	120.6	98.1	147.1
98	62.0	47.2	70.8

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#22

Diisopropyl ether

Concen: 20.916 ug/l

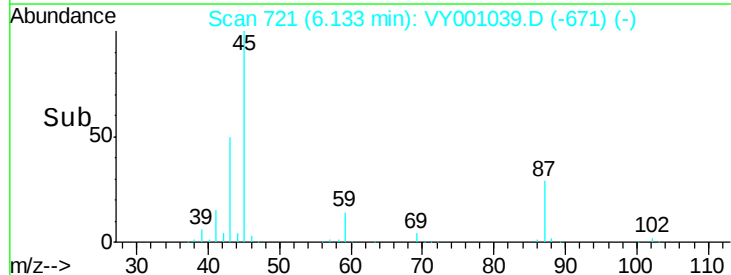
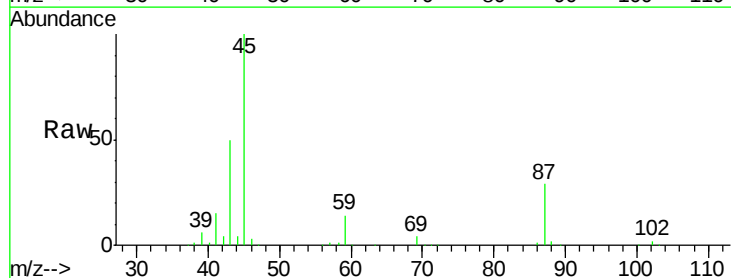
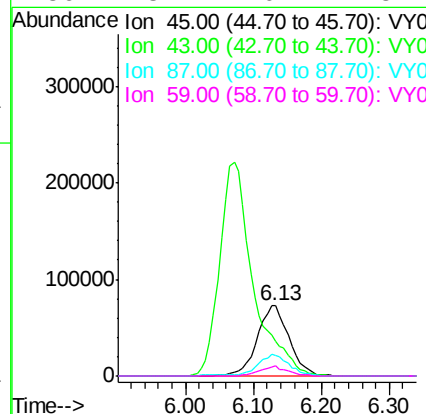
RT: 6.13 min Scan# 721

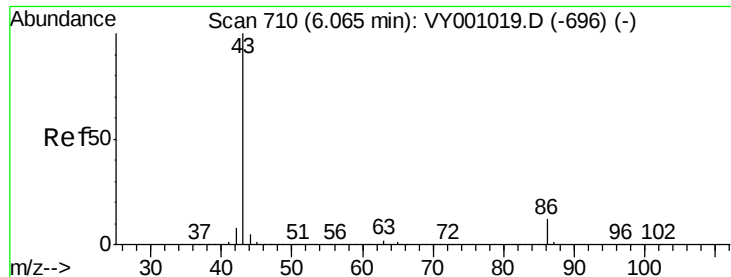
Delta R.T. 0.01 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Tgt Ion:	45	Resp:	238655
Ion	Ratio	Lower	Upper
45	100		
43	49.4	43.6	65.4
87	28.7	23.1	34.7
59	13.7	10.2	15.4





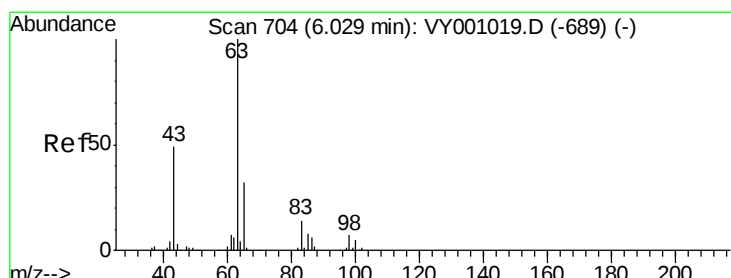
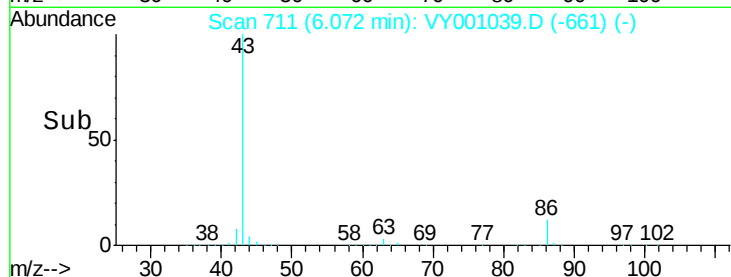
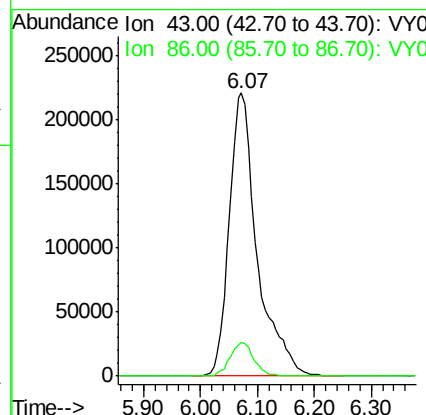
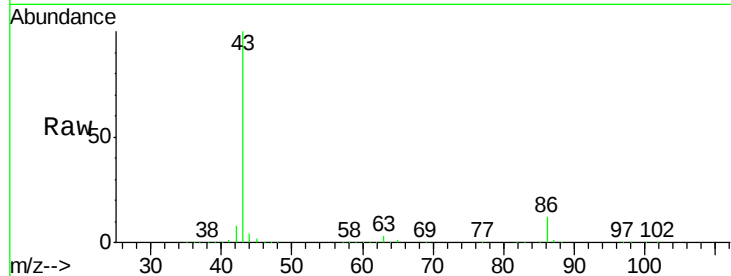
#23
 Vinyl Acetate
 Concen: 105.200 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. 0.01 min
 Lab File: VY001039.D
 Acq: 24 Dec 2019 11:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1224SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
86	11.8	9.5	14.3

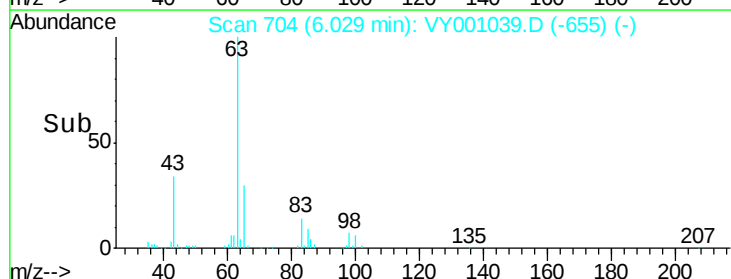
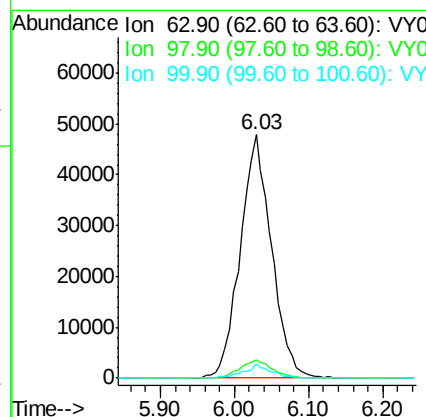
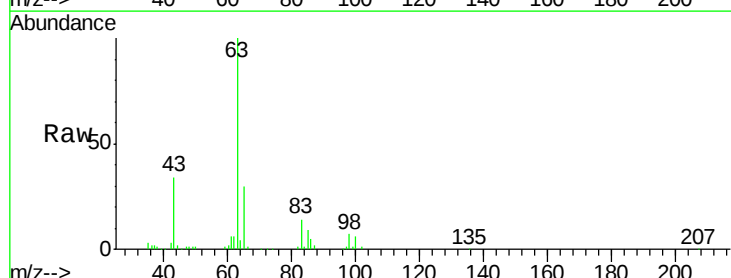
Manual Integrations
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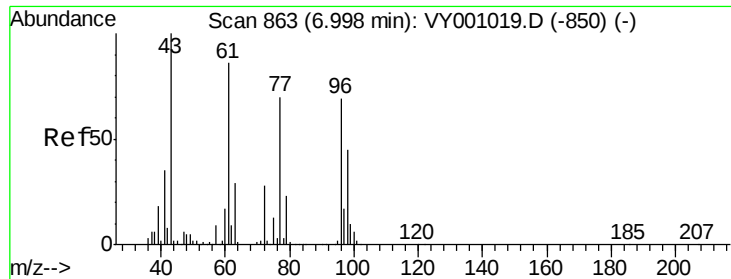
apatel
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#24
 1,1-Dichloroethane
 Concen: 20.936 ug/l
 RT: 6.03 min Scan# 704
 Delta R.T. 0.00 min
 Lab File: VY001039.D
 Acq: 24 Dec 2019 11:58

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.3	3.8	11.2
100	6.2	2.5	7.5





#25

2-Butanone

Concen: 104.378 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1224SBS01

Tot Ion: 43 Resp: 134759

Ion Ratio Lower Upper

43 100

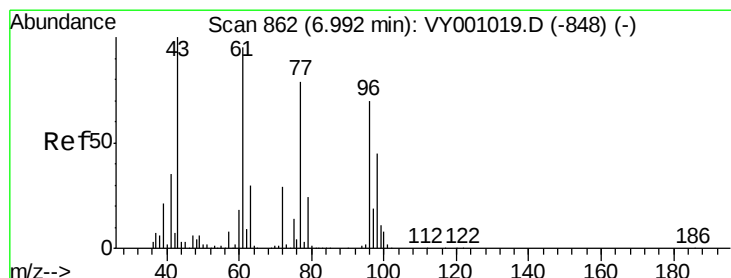
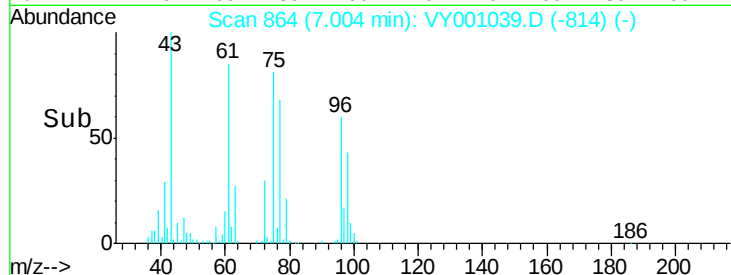
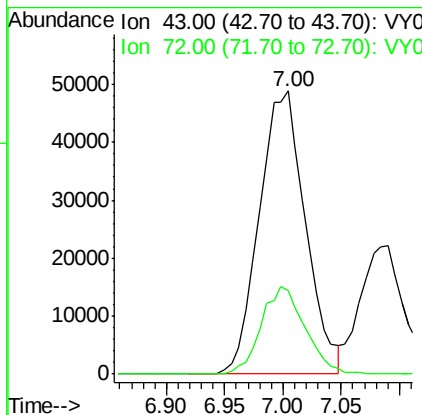
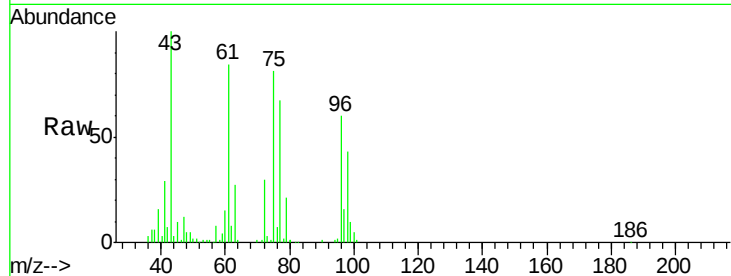
72 29.7 22.4 33.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 21.061 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY001039.D

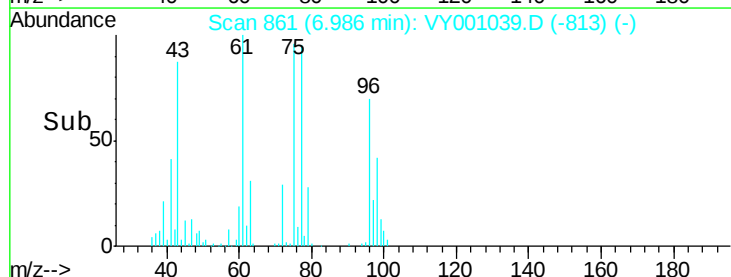
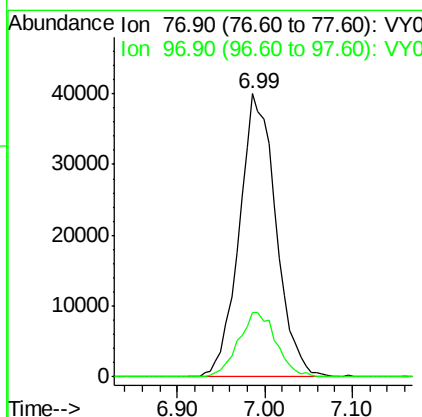
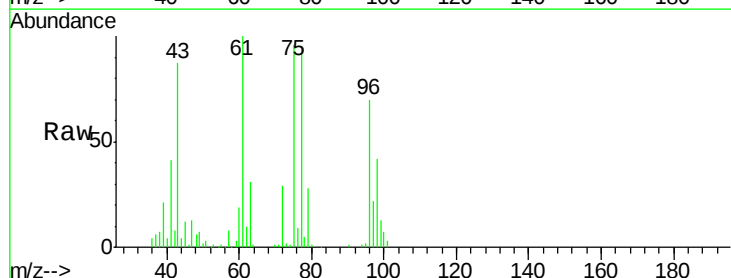
Acq: 24 Dec 2019 11:58

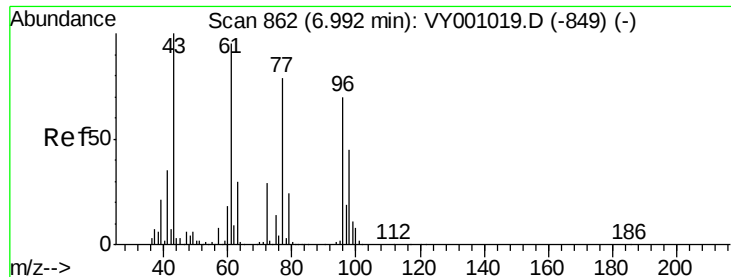
Tgt Ion: 77 Resp: 116670

Ion Ratio Lower Upper

77 100

97 23.5 12.0 36.1





#27

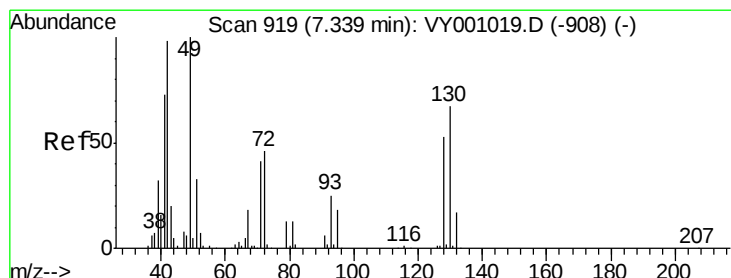
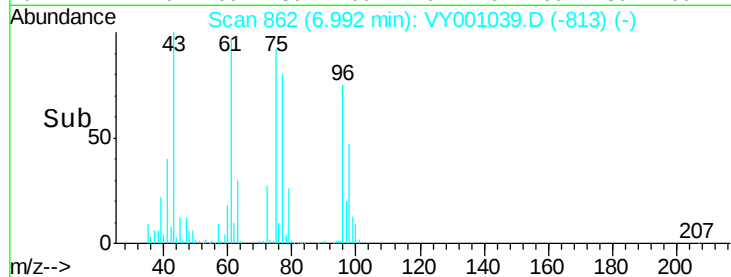
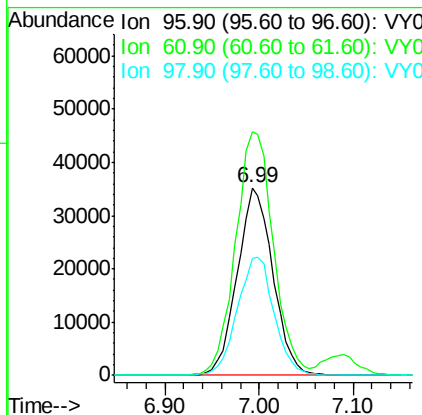
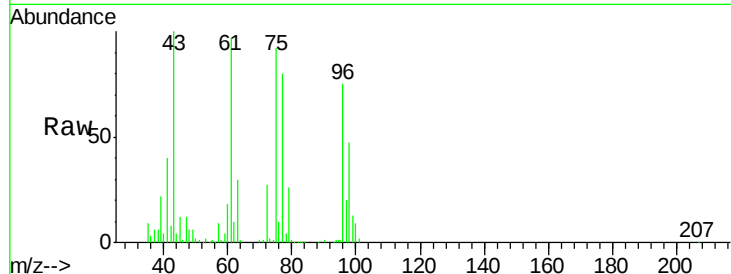
cis-1,2-Dichloroethene
Concen: 21.109 ug/l
RT: 6.99 min Scan# 862
Delta R.T. 0.00 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.7	0.0	268.2
98	64.6	0.0	129.2

Manual Integrations
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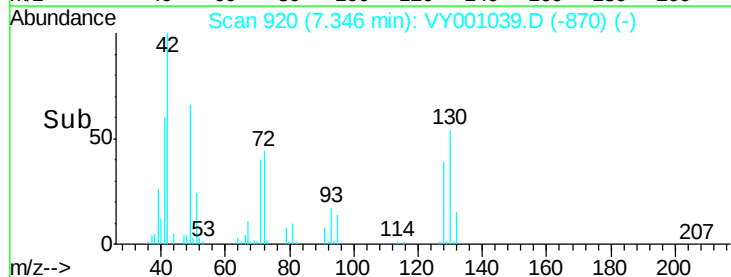
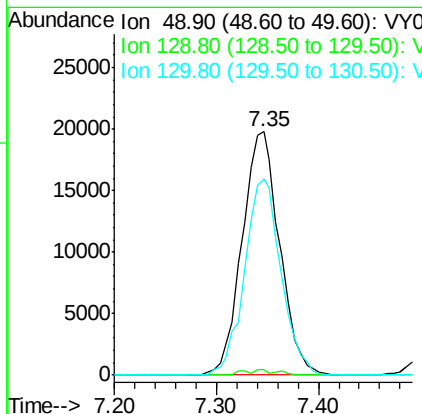
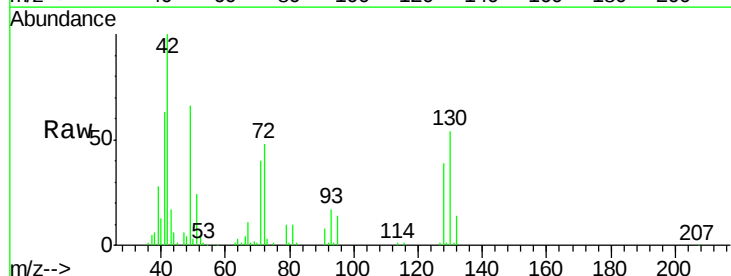
apatel
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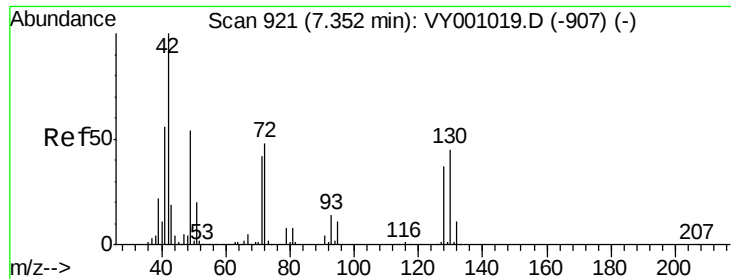


#28

Bromochloromethane
Concen: 19.187 ug/l
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	3.8
130	78.5	60.4	90.6





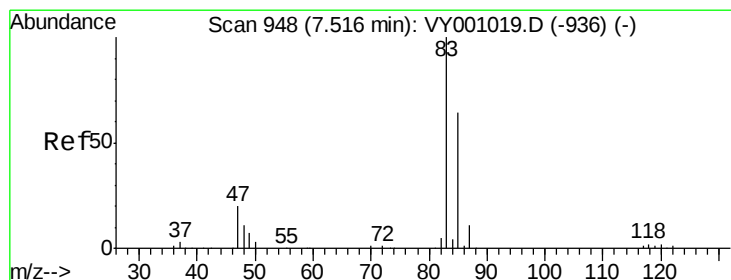
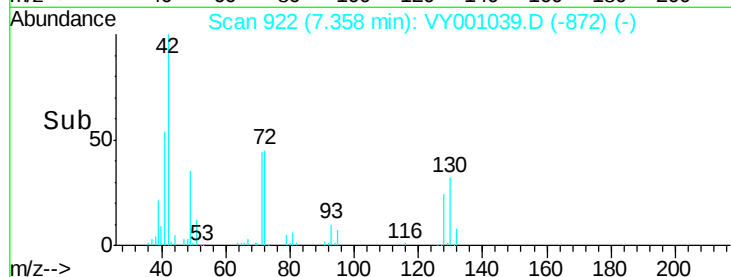
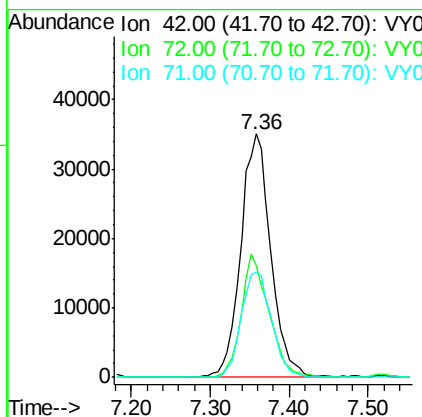
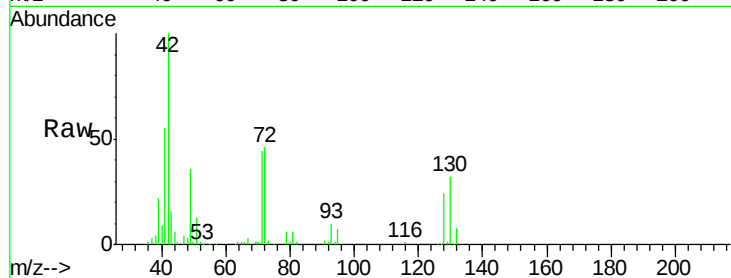
#29
Tetrahydrofuran
Concen: 101.123 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.6	37.7	56.5
71	43.8	34.6	51.8

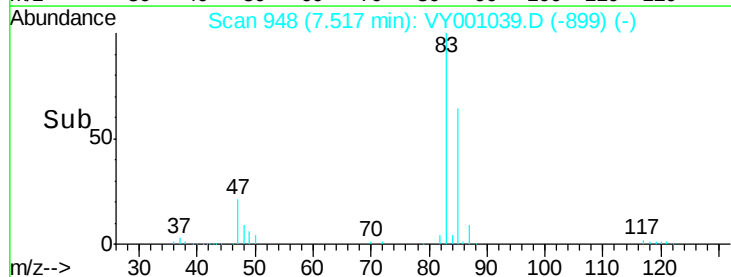
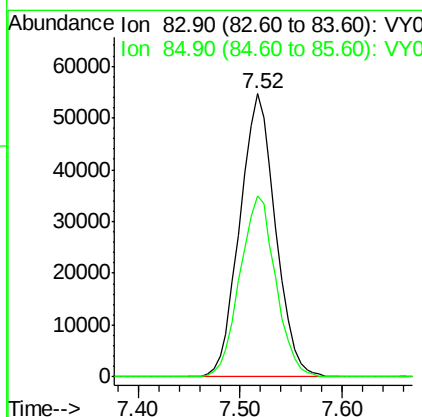
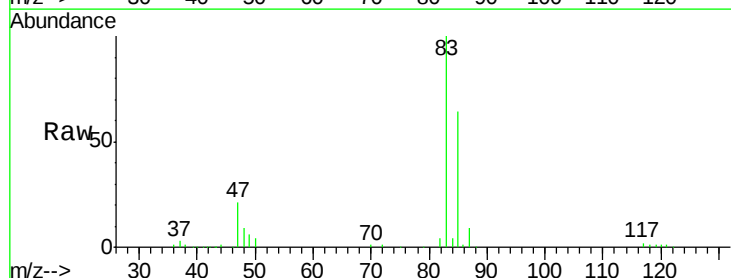
Manual Integrations
APPROVED

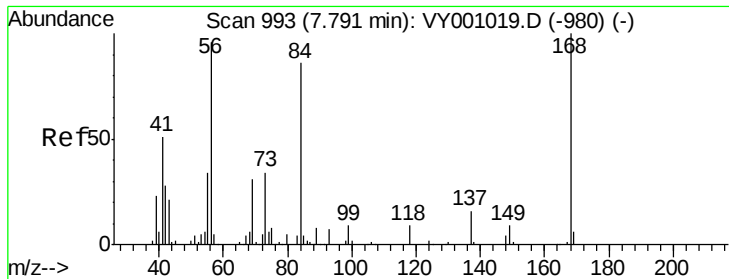
apatel
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#30
Chloroform
Concen: 20.822 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.6	77.4





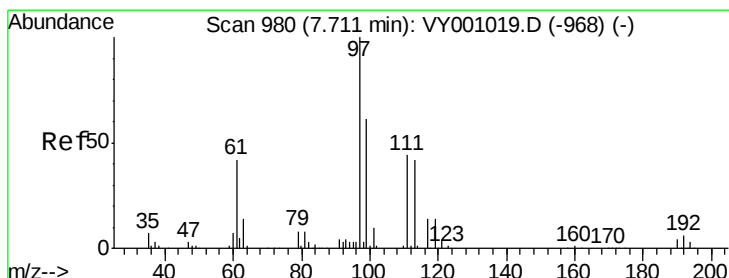
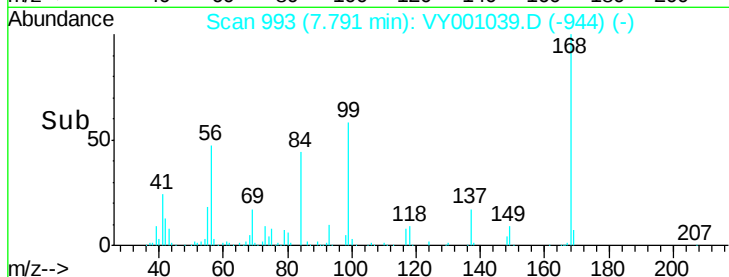
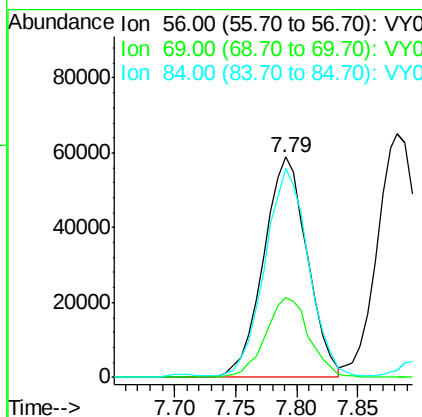
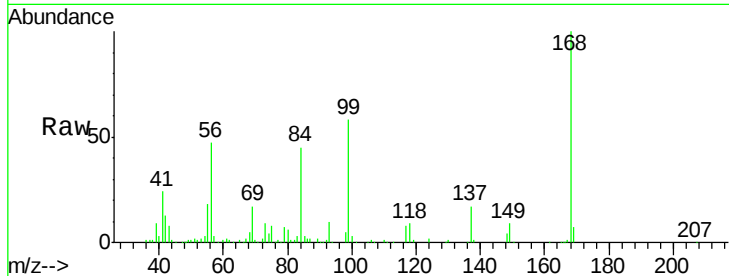
#31
Cyclohexane
Concen: 20.645 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.9	26.1	39.1
84	93.1	71.8	107.8

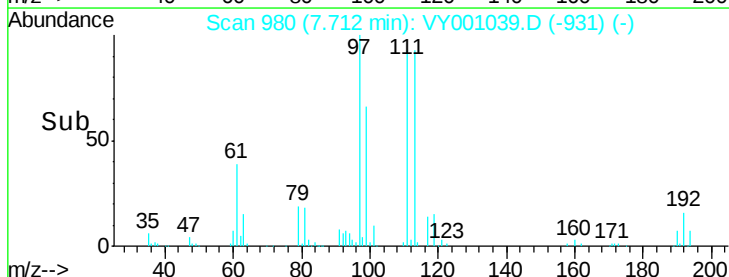
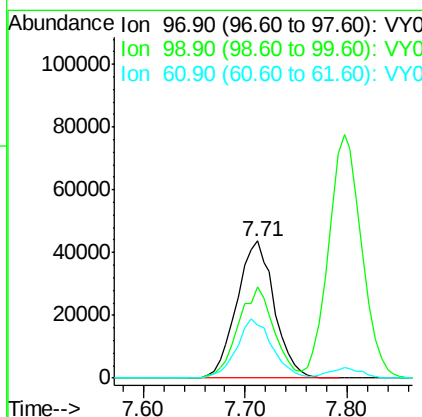
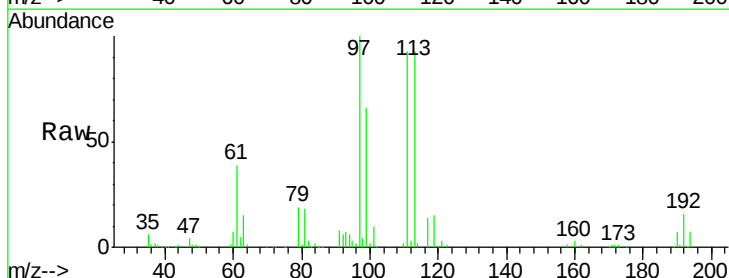
Manual Integrations
APPROVED

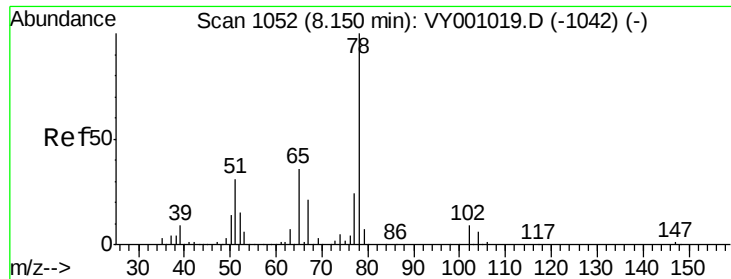
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#32
1,1,1-Trichloroethane
Concen: 20.519 ug/l
RT: 7.71 min Scan# 980
Delta R.T. 0.00 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	50.6	76.0
61	40.8	33.0	49.6





#33

1,2-Dichloroethane-d4

Concen: 50.513 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1224SBS01

Tot Ion: 65 Resp: 161141

Ion Ratio Lower Upper

65 100

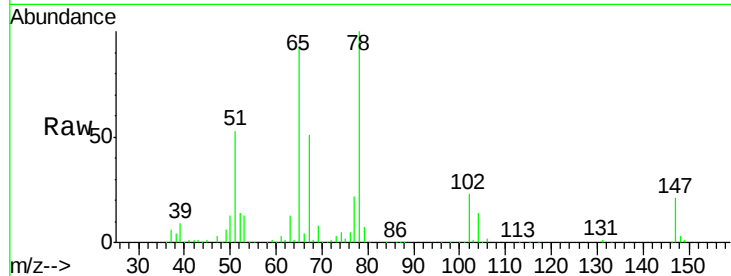
67 58.2 0.0 112.8

Manual Integrations

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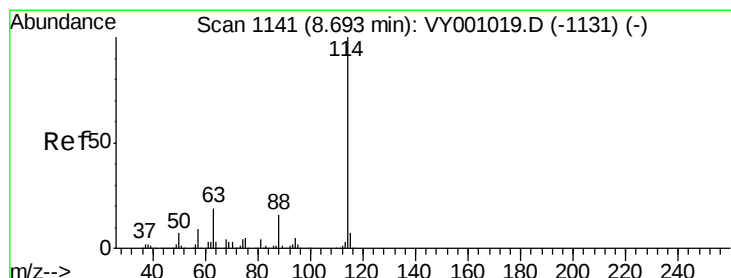
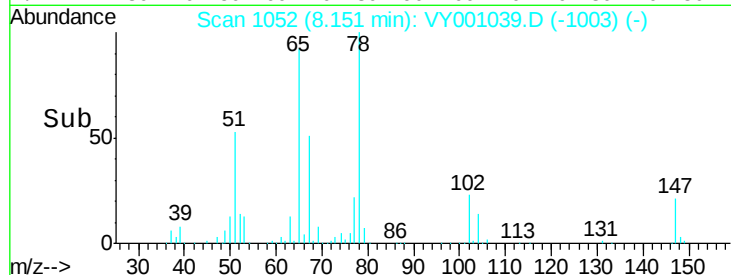
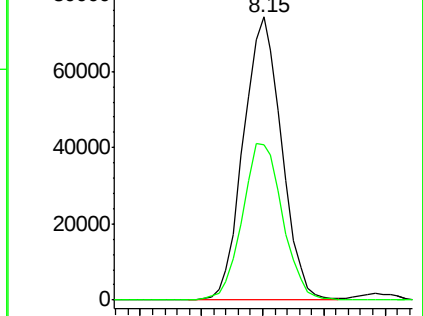
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Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

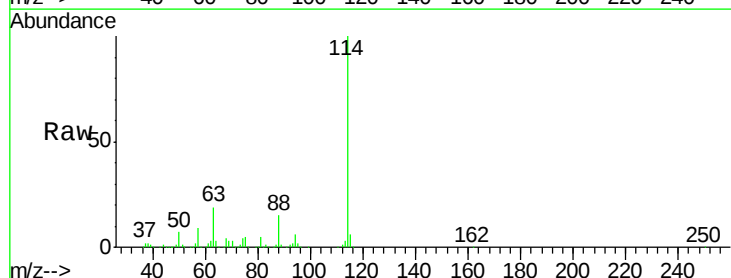
Tgt Ion: 114 Resp: 566322

Ion Ratio Lower Upper

114 100

63 18.5 0.0 37.0

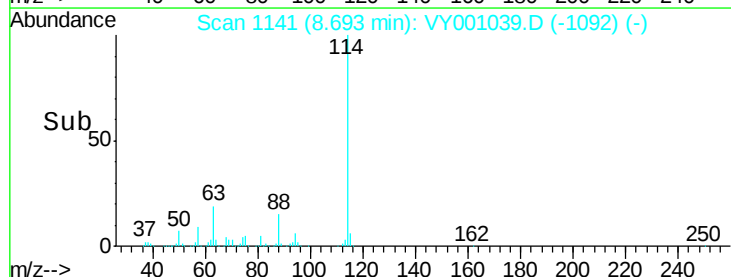
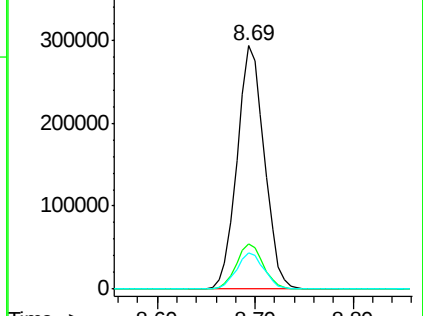
88 15.1 0.0 32.0

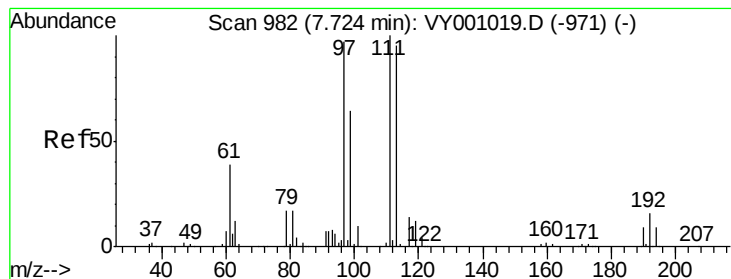


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0





#35

Dibromofluoromethane

Concen: 48.870 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Instrument :

MSVOA_Y

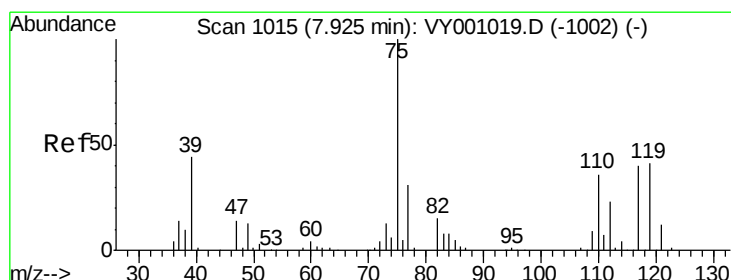
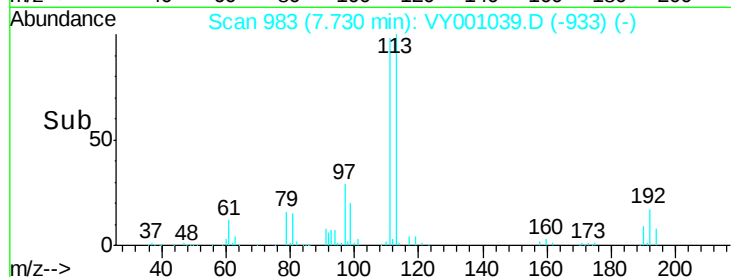
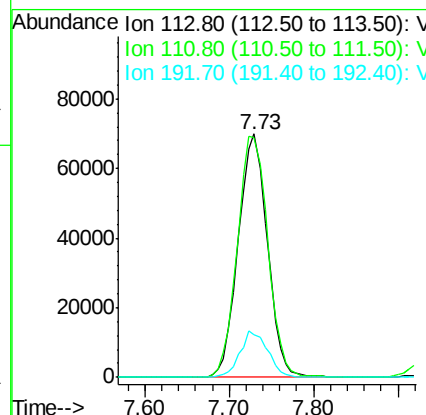
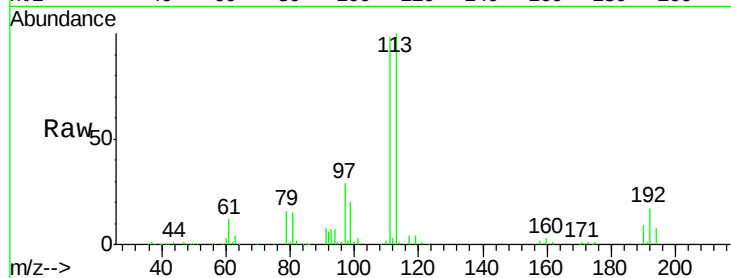
ClientSampleId :

VY1224SBS01

Tot Ion:	113	Resp:	162972
Ion Ratio	Lower	Upper	
113	100		
111	103.9	83.0	124.4
192	18.1	14.6	21.8

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#36

1,1-Dichloropropene

Concen: 21.300 ug/l

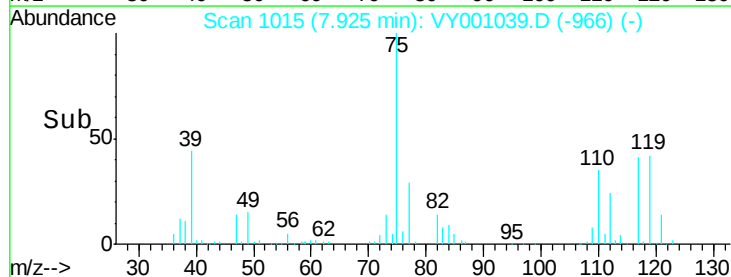
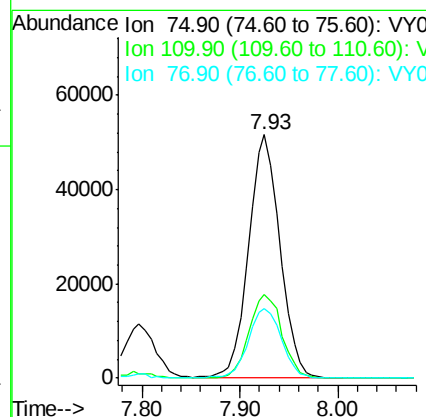
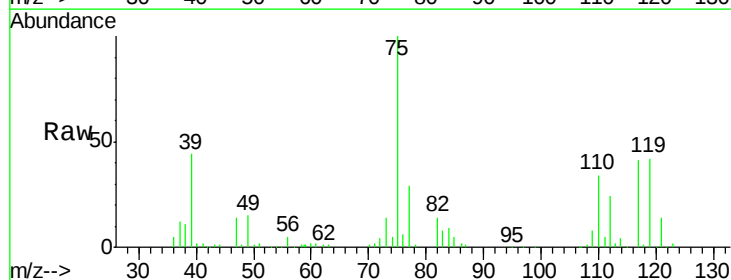
RT: 7.93 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Tgt Ion:	75	Resp:	115075
Ion Ratio	Lower	Upper	
75	100		
110	36.0	18.1	54.4
77	30.4	24.6	37.0





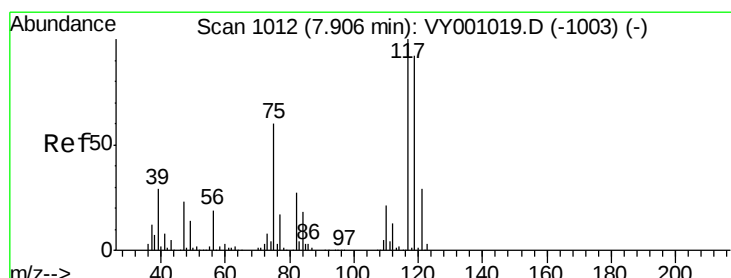
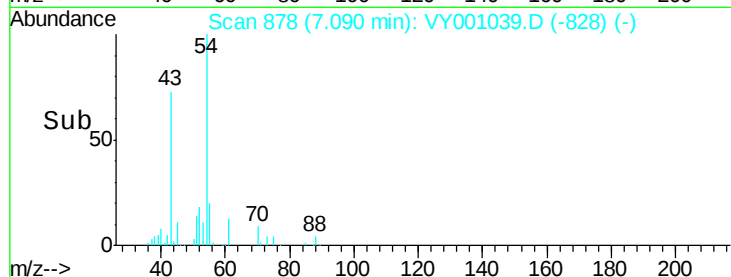
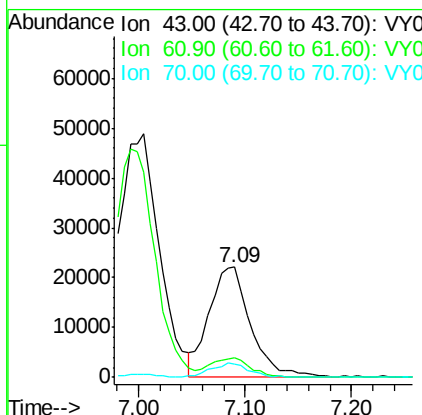
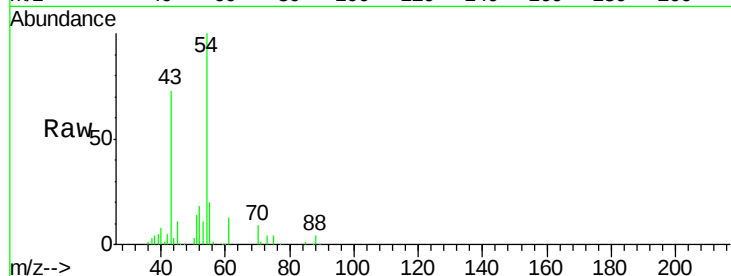
#37
Ethyl Acetate
Concen: 19.715 ug/l
RT: 7.09 min Scan# 878
Delta R.T. 0.01 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.2	12.5	18.7
70	11.9	9.0	13.4

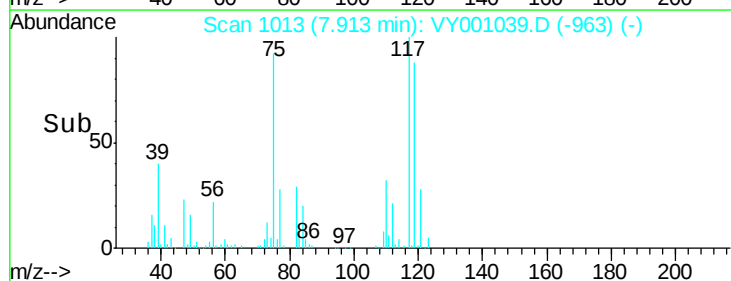
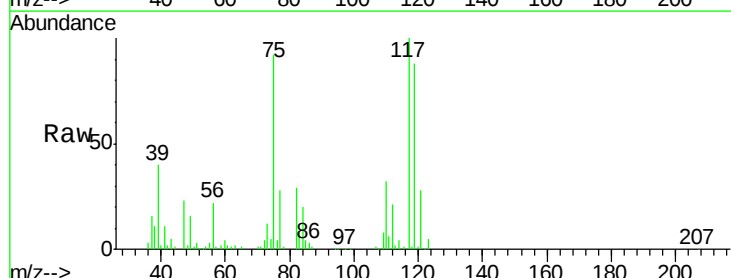
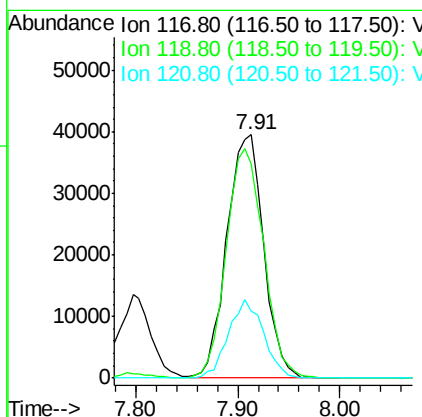
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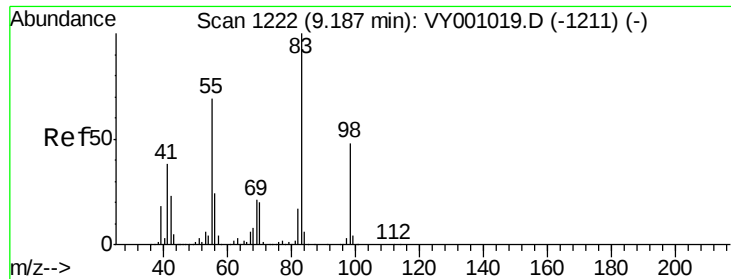
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#38
Carbon Tetrachloride
Concen: 20.823 ug/l
RT: 7.91 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	88.0	74.2	111.2
121	27.6	22.9	34.3





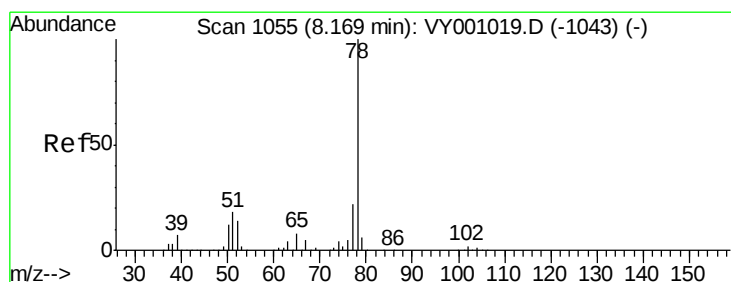
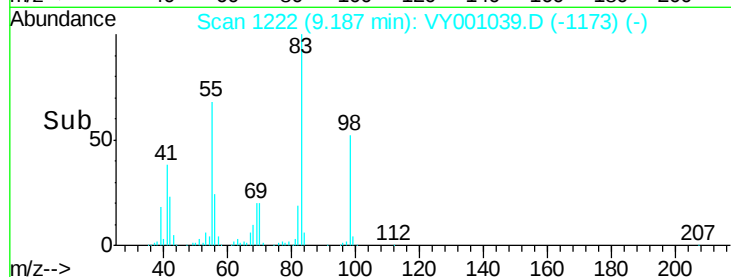
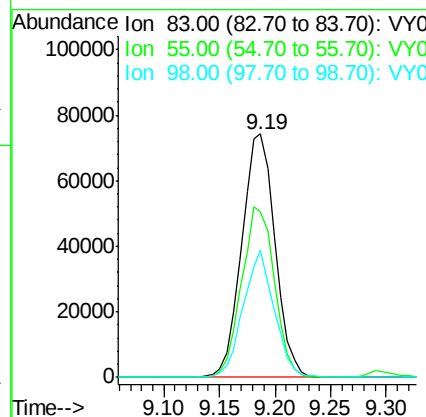
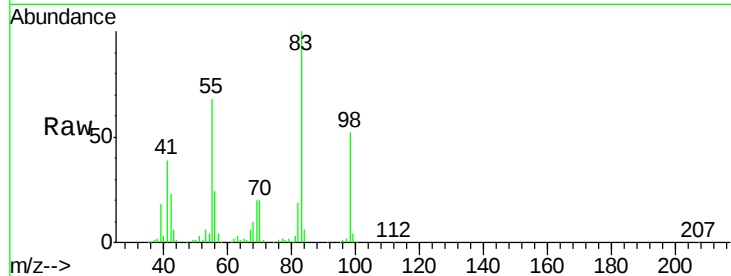
#39
Methvlcvclohexane
Concen: 21.434 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.8	55.1	82.7
98	52.1	38.3	57.5

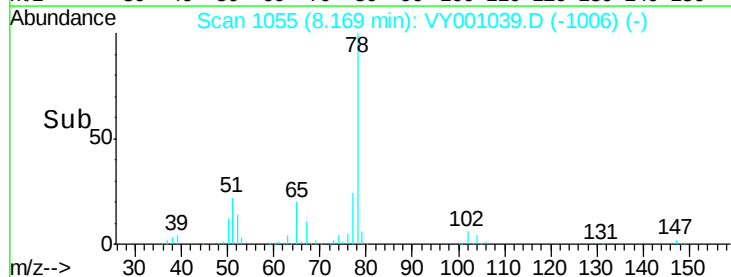
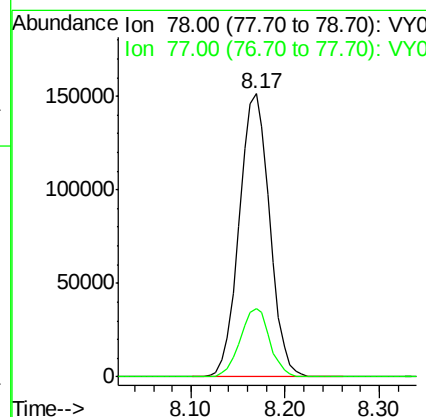
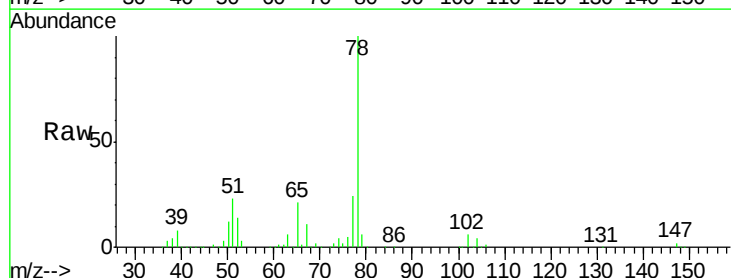
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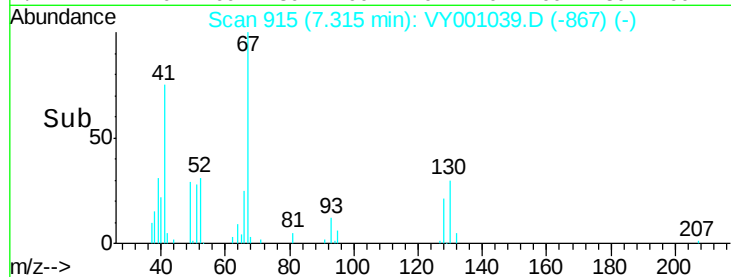
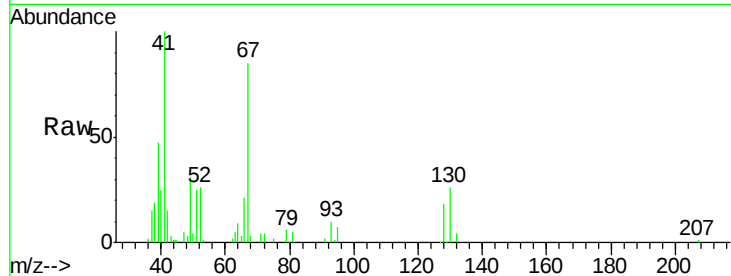
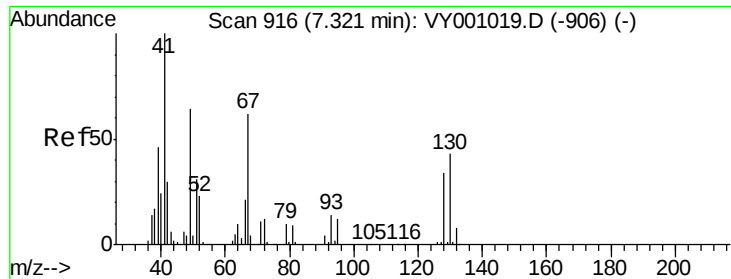
apatel
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#40
Benzene
Concen: 20.903 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	17.7	26.5





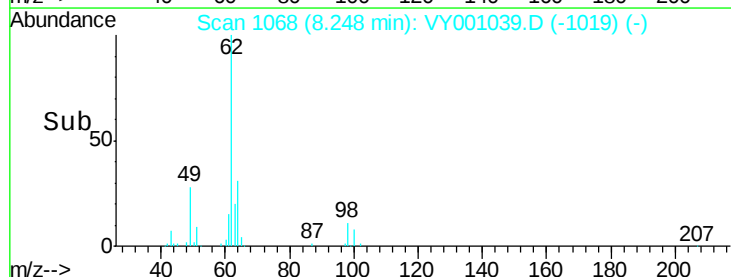
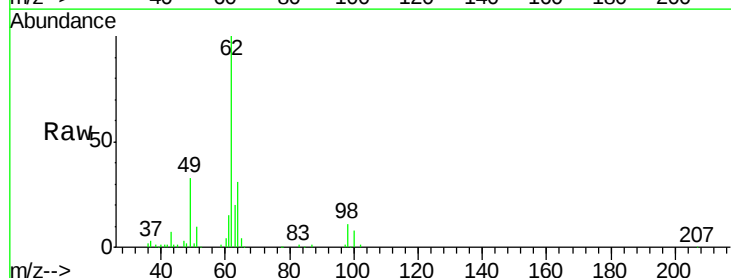
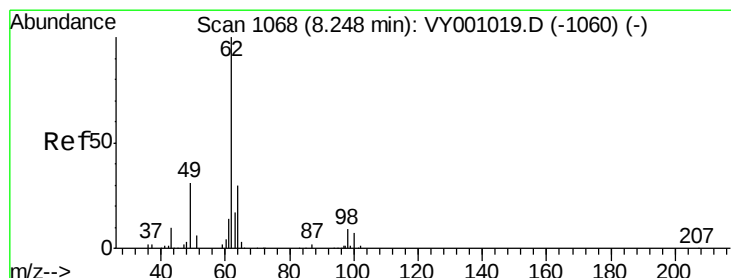
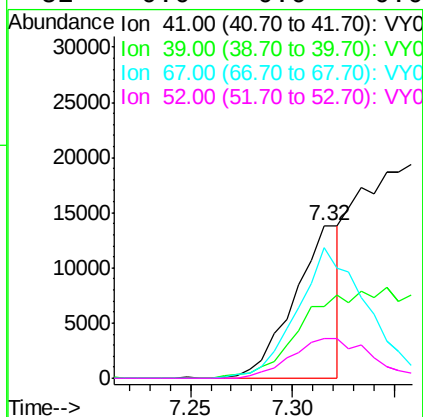
#41
Methacrylonitrile
Concen: 16.627 ug/l m
RT: 7.32 min Scan# 915
Delta R.T. -0.01 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Tot Ion	Ratio	Resp Lower	Upper
41	100		
39	168.4	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

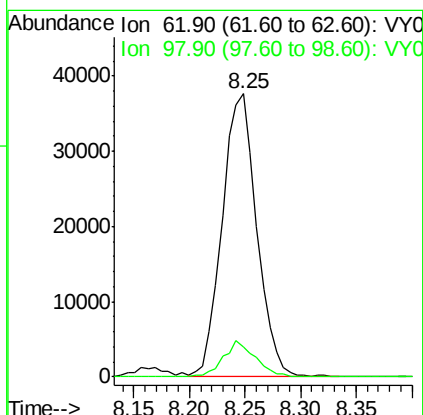
Manual Integrations
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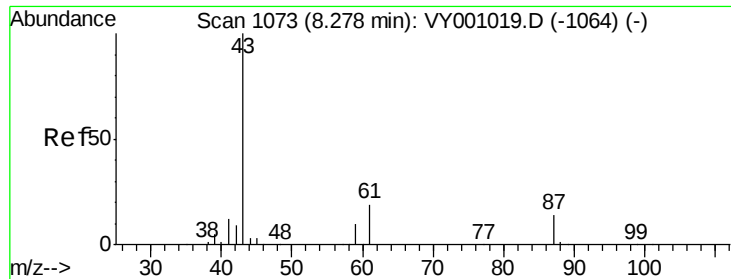
apatel
12/26/2019 12:30:01 PM



#42
1,2-Dichloroethane
Concen: 20.862 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Tgt Ion	Ratio	Resp Lower	Upper
62	100		
98	11.6	0.0	23.4





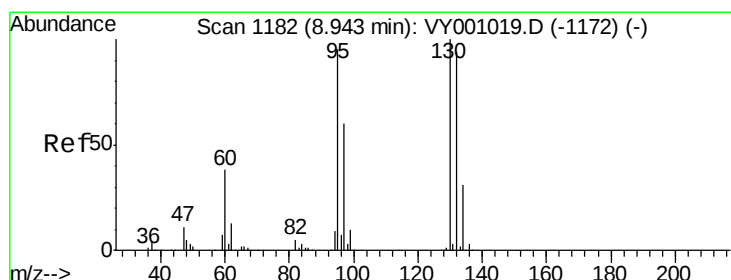
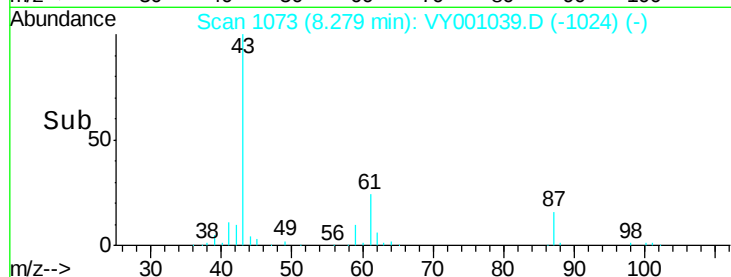
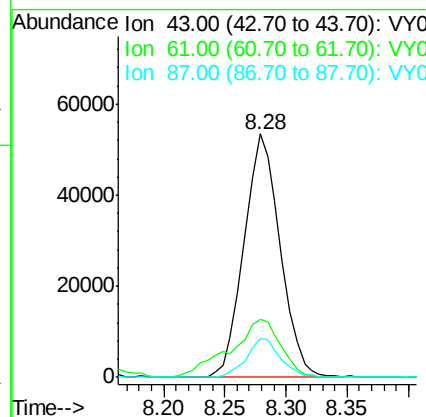
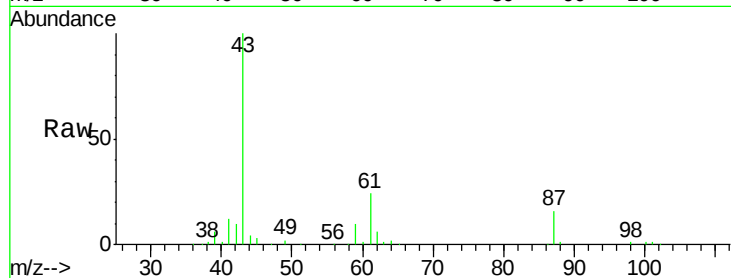
#43
Isopropyl Acetate
Concen: 19.859 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. 0.00 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	33.2	25.0	37.6
87	15.1	12.0	18.0

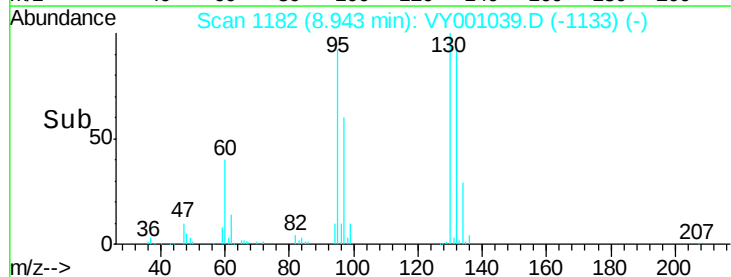
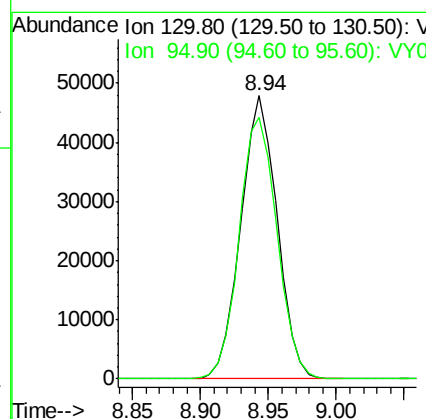
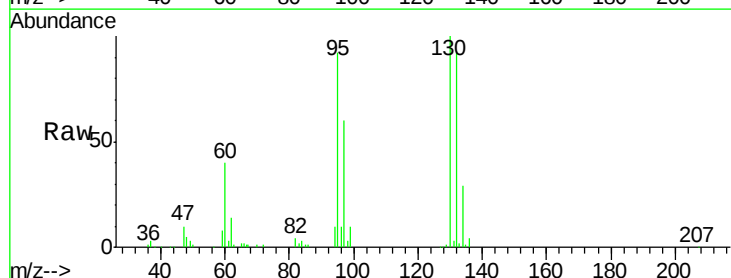
Manual Integrations
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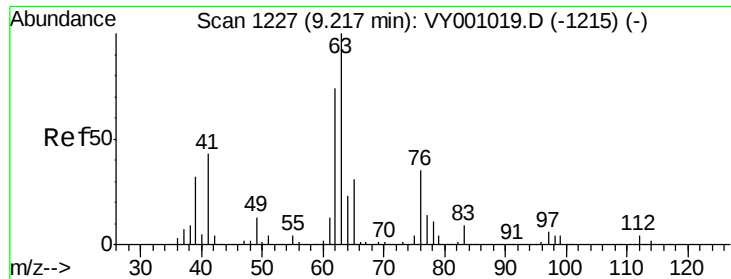
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#44
Trichloroethene
Concen: 20.854 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.3	0.0	190.6





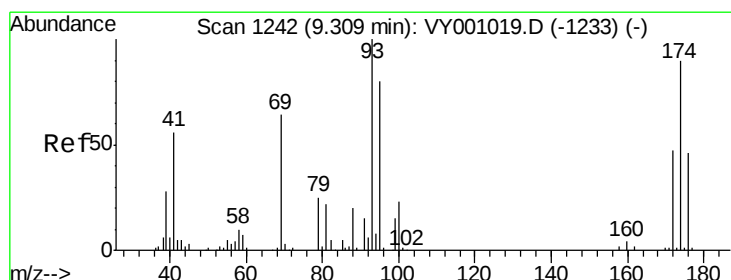
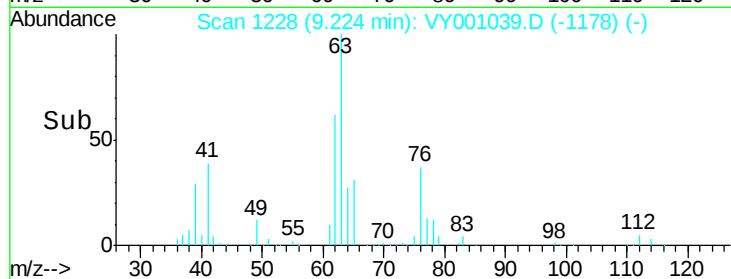
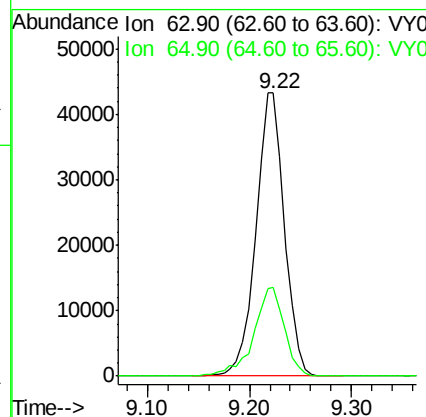
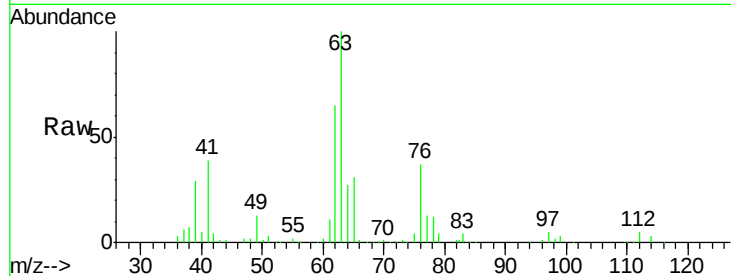
#45
 1,2-Dichloropropane
 Concen: 20.601 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. 0.01 min
 Lab File: VY001039.D
 Acq: 24 Dec 2019 11:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1224SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.3	25.1	37.7

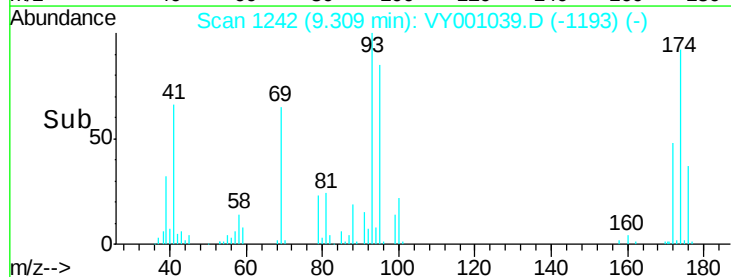
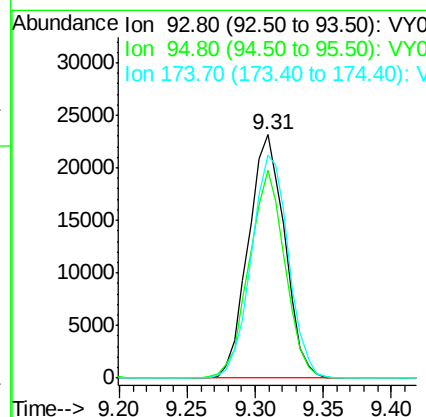
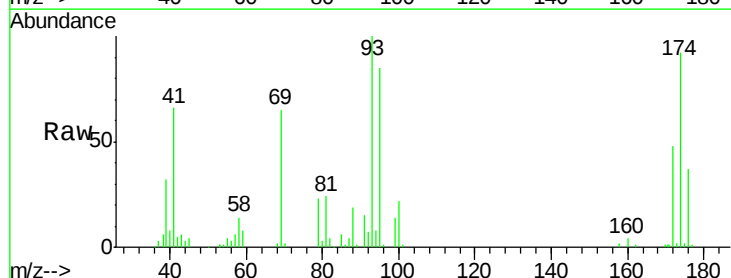
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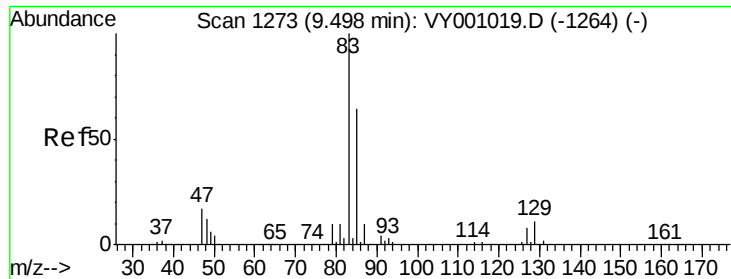
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#46
 Dibromomethane
 Concen: 20.645 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY001039.D
 Acq: 24 Dec 2019 11:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.9	66.7	100.1
174	93.6	73.6	110.4





#47

Bromodichloromethane

Concen: 20.267 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Instrument :

MSVOA_Y

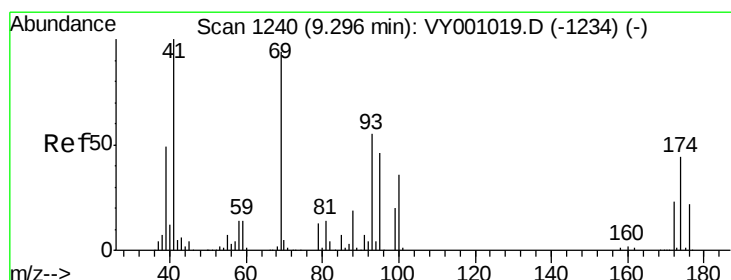
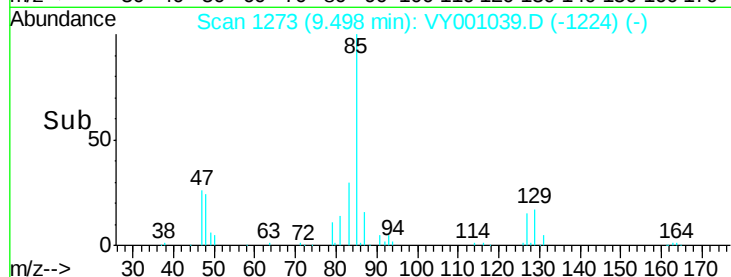
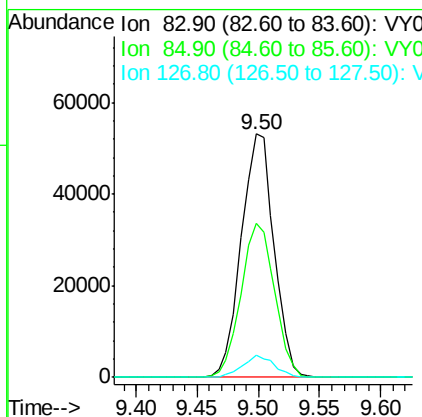
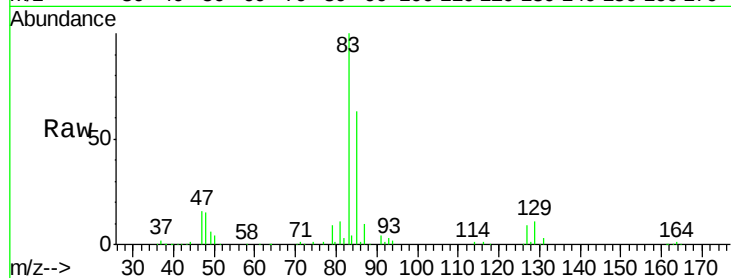
ClientSampleId :

VY1224SBS01

Tot Ion:	83	Resp:	98949
Ion Ratio	Lower	Upper	
83	100		
85	63.1	50.9	76.3
127	9.3	6.4	9.6

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#48

Methyl methacrylate

Concen: 20.184 ug/l

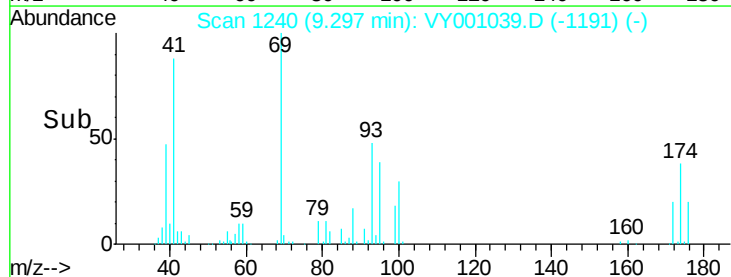
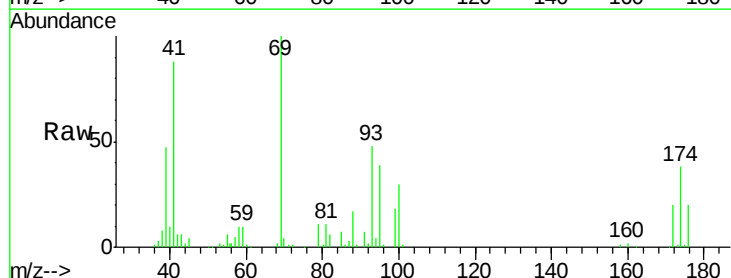
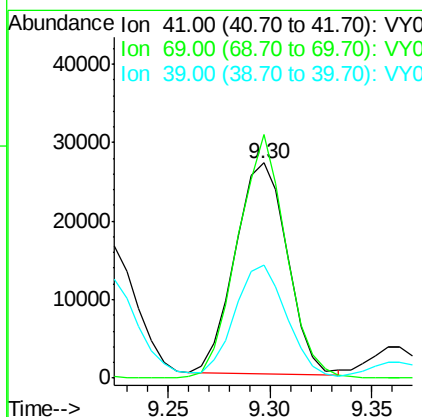
RT: 9.30 min Scan# 1240

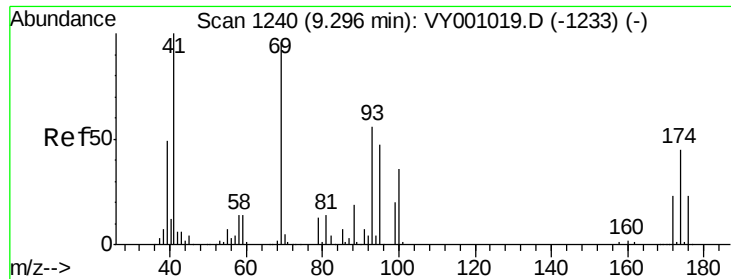
Delta R.T. 0.00 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Tgt Ion:	41	Resp:	47698
Ion Ratio	Lower	Upper	
41	100		
69	107.6	79.8	119.6
39	53.4	41.7	62.5





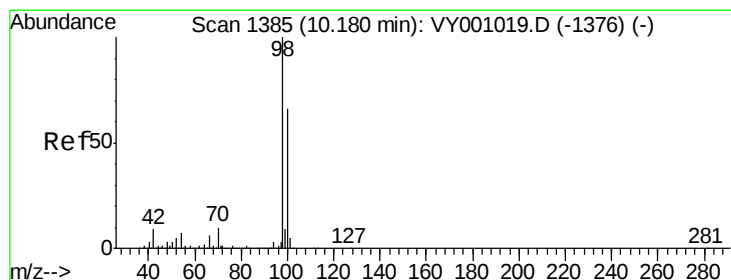
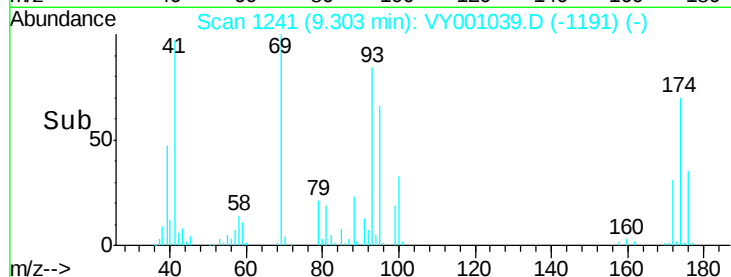
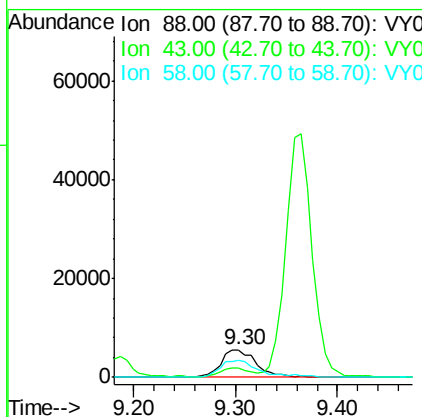
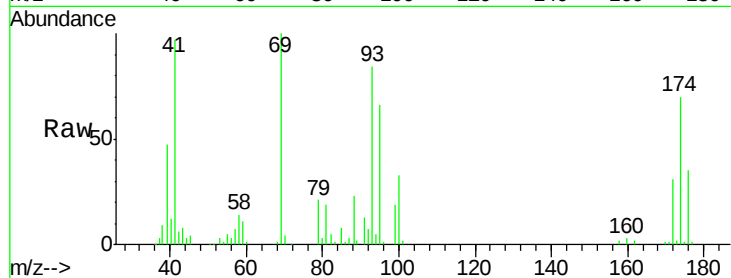
#49
1,4-Dioxane
Concen: 439.038 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

Tot Ion	88	Resp	13537
Ion	Ratio	Lower	Upper
88	100		
43	29.2	23.0	34.4
58	64.3	54.9	82.3

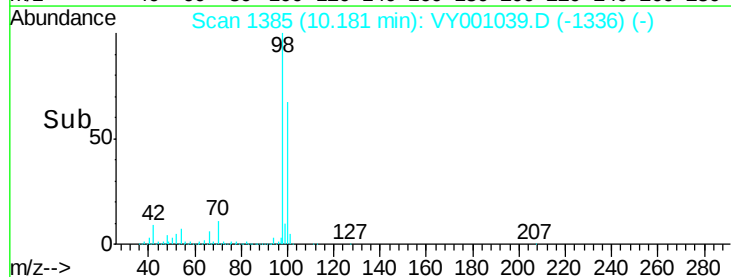
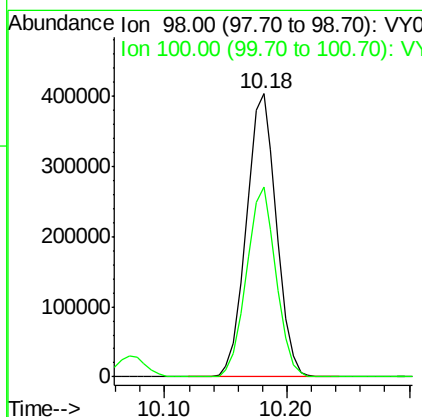
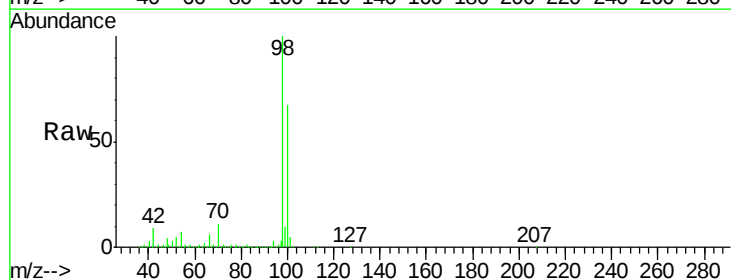
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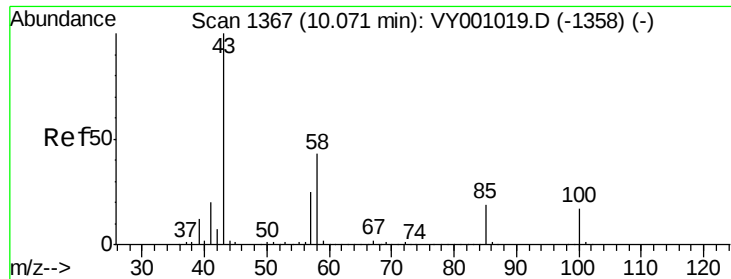
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#50
Toluene-d8
Concen: 52.633 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Tgt Ion	98	Resp	685933
Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.4





#51

4-Methyl-2-Pentanone

Concen: 102.692 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1224SBS01

Tot Ion: 43 Resp: 296407

Ion Ratio Lower Upper

43 100

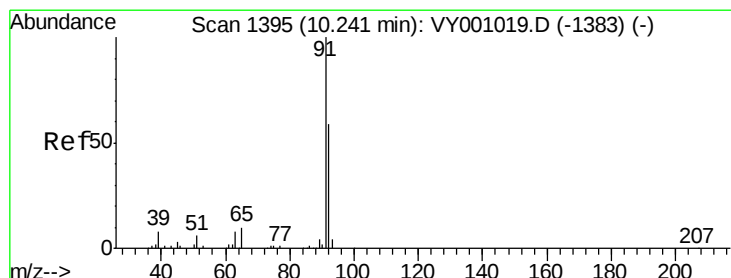
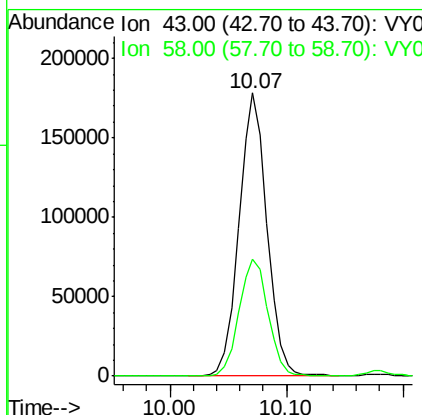
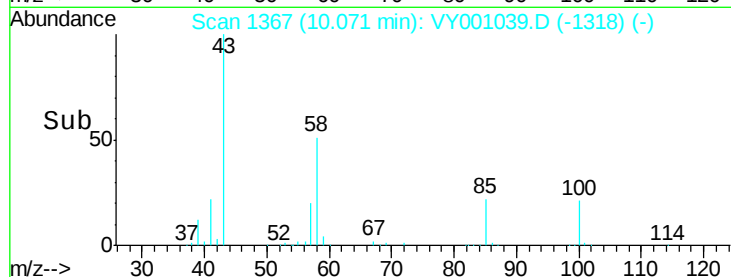
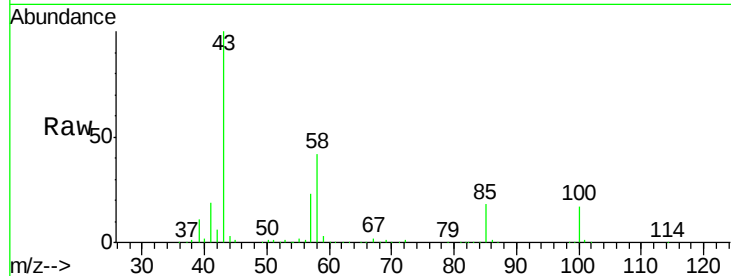
58 43.2 34.6 52.0

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#52

Toluene

Concen: 21.063 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY001039.D

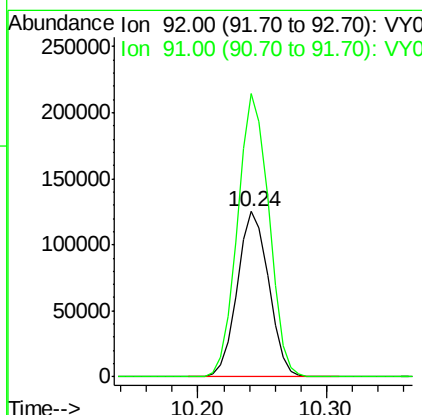
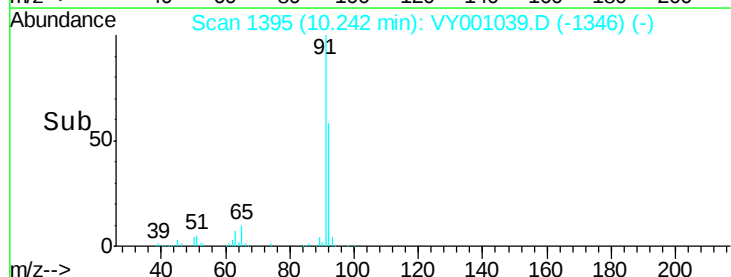
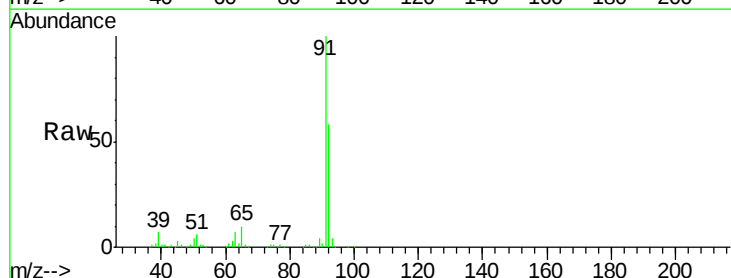
Acq: 24 Dec 2019 11:58

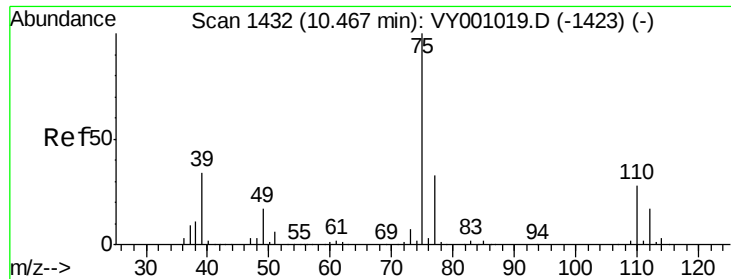
Tgt Ion: 92 Resp: 211307

Ion Ratio Lower Upper

92 100

91 171.0 135.7 203.5





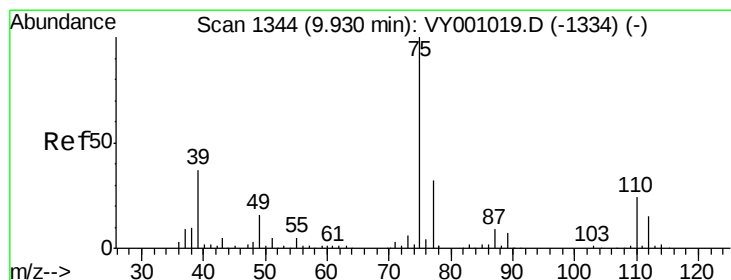
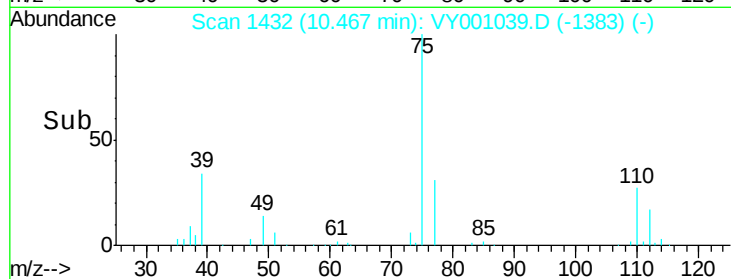
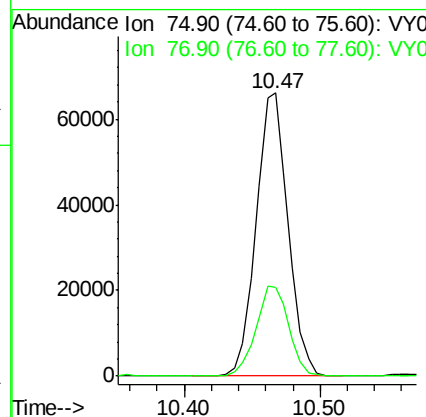
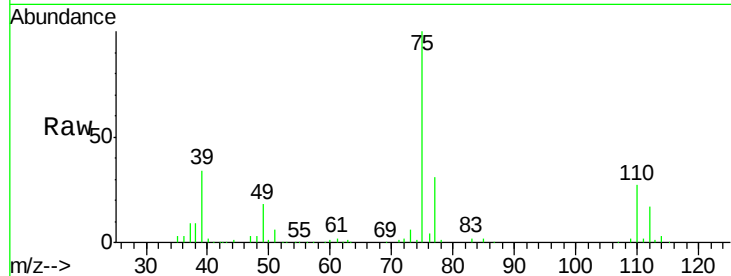
#53
t-1,3-Dichloropropene
Concen: 20.472 ug/l
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	26.5	39.7

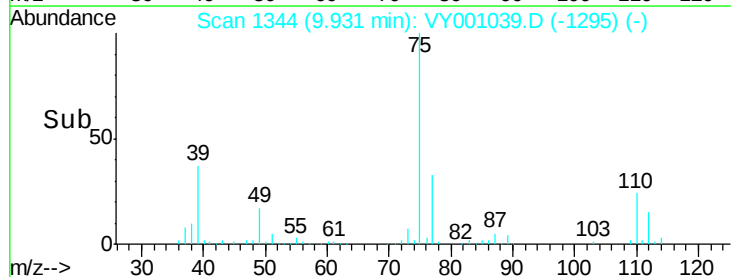
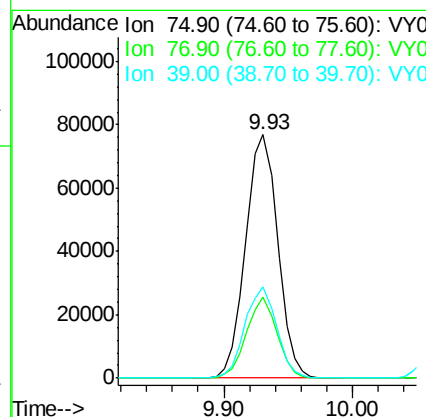
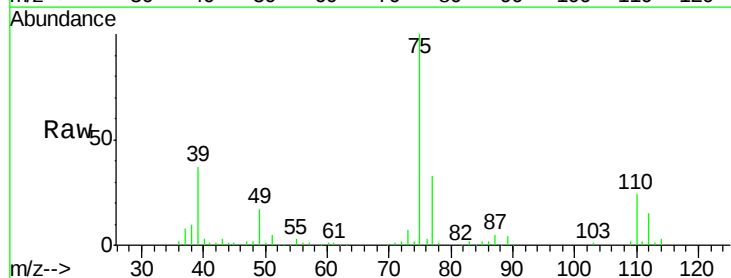
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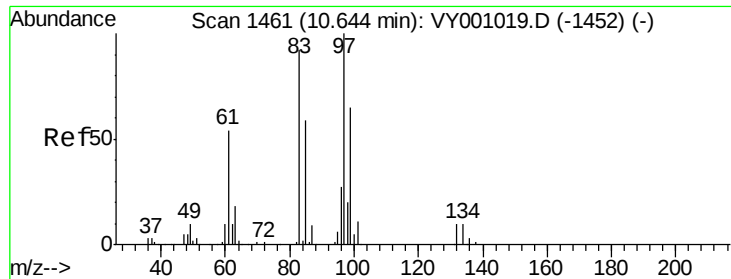
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#54
cis-1,3-Dichloropropene
Concen: 20.818 ug/l
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.3	25.2	37.8
39	37.4	29.5	44.3





#55

1,1,2-Trichloroethane

Concen: 21.465 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. 0.00 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Instrument :

MSVOA_Y

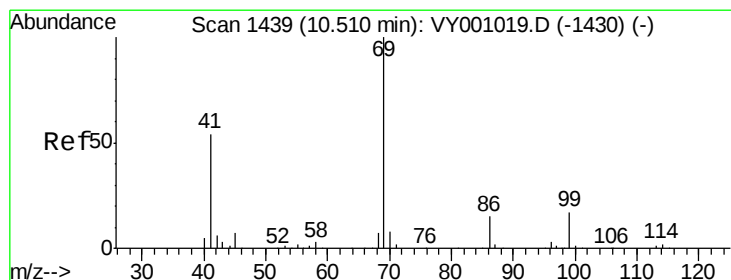
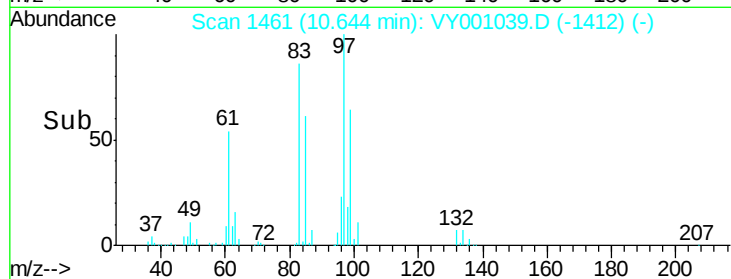
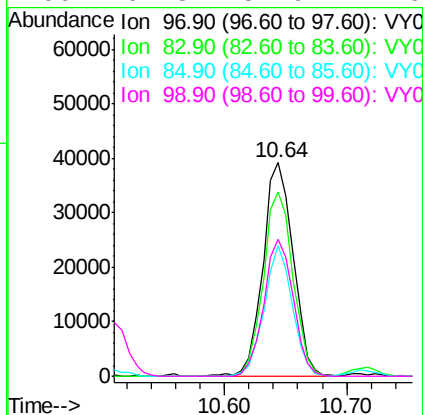
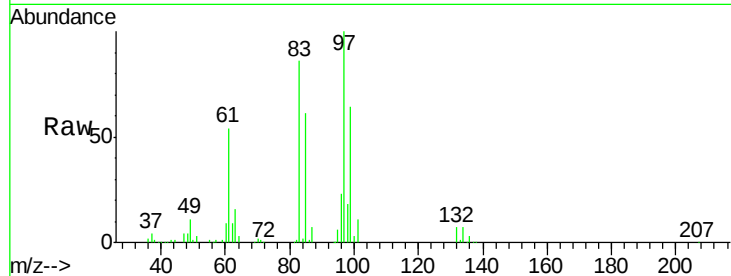
ClientSampleId :

VY1224SBS01

Tot Ion:	97	Resp:	67545
Ion	Ratio	Lower	Upper
97	100		
83	86.2	73.7	110.5
85	61.1	47.3	70.9
99	64.3	51.9	77.9

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#56

Ethyl methacrylate

Concen: 20.307 ug/l

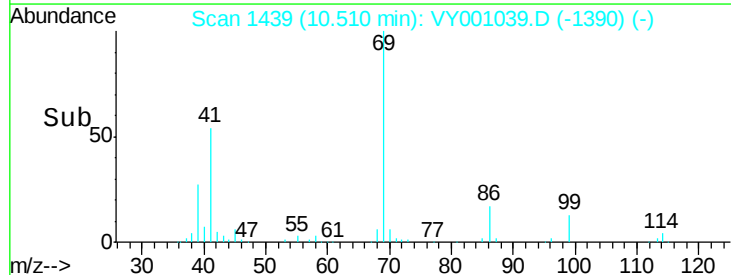
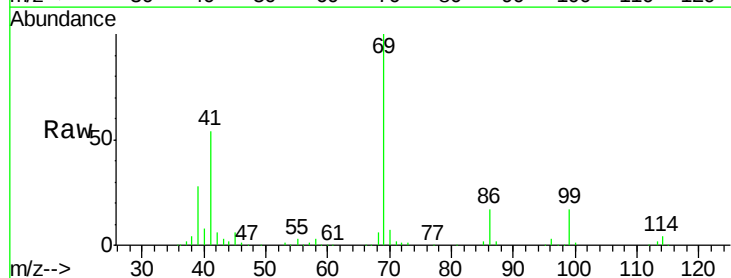
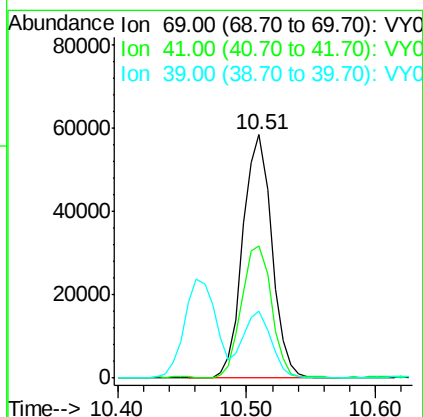
RT: 10.51 min Scan# 1439

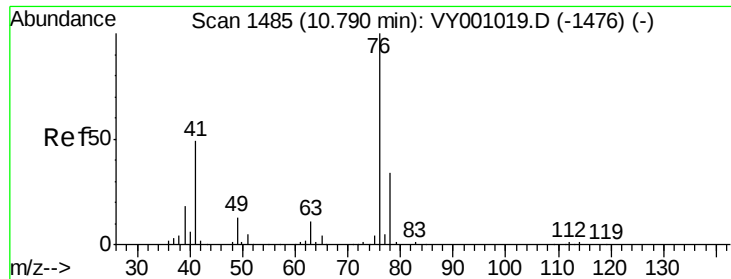
Delta R.T. 0.00 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Tgt Ion:	69	Resp:	90942
Ion	Ratio	Lower	Upper
69	100		
41	55.5	44.7	67.1
39	27.5	22.2	33.4





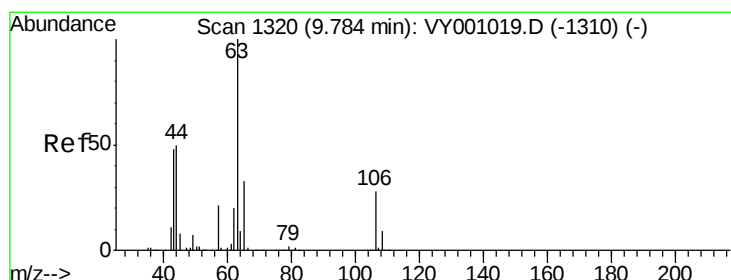
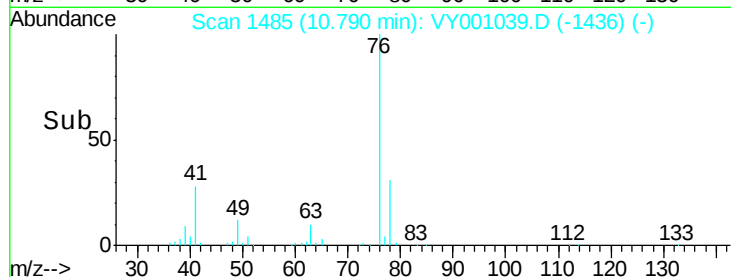
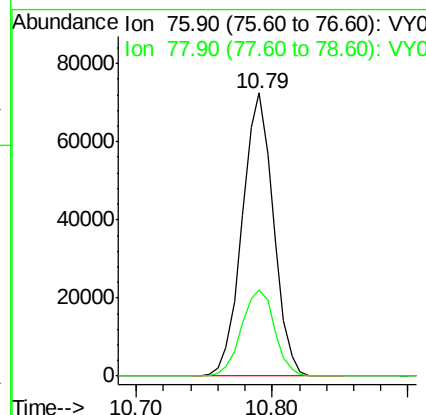
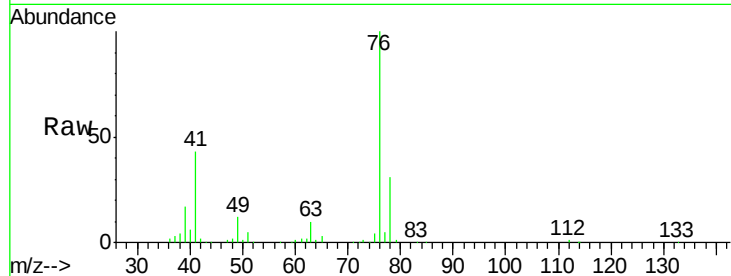
#57
 1,3-Dichloropropane
 Concen: 21.041 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY001039.D
 Acq: 24 Dec 2019 11:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1224SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.8	38.8

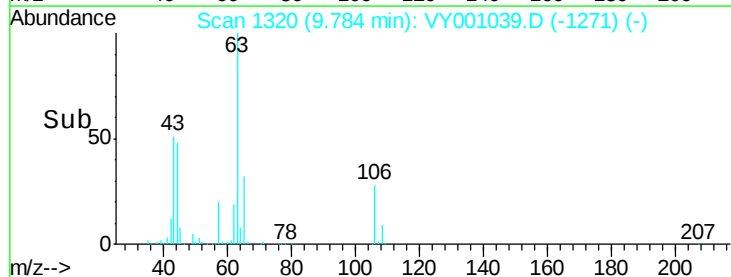
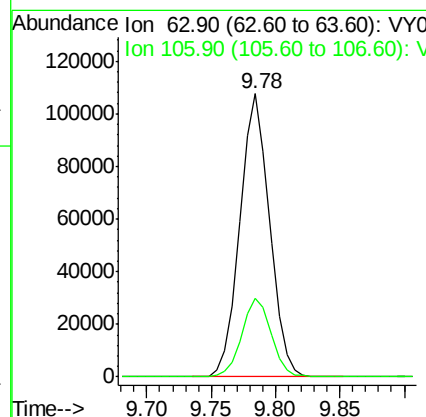
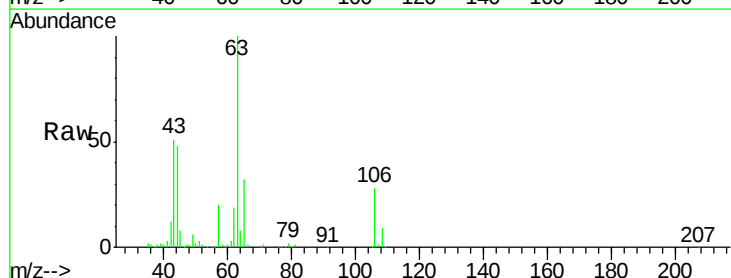
Manual Integrations
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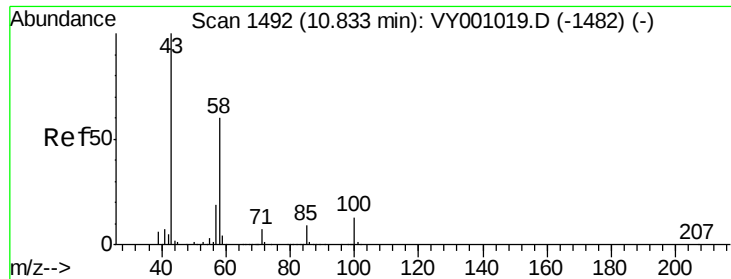
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 12/26/2019 12:30:01 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.340 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY001039.D
 Acq: 24 Dec 2019 11:58

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.6	22.7	34.1





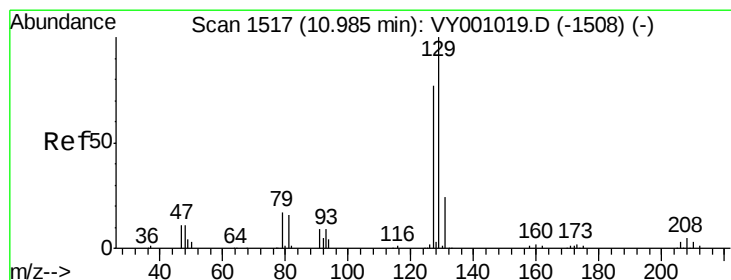
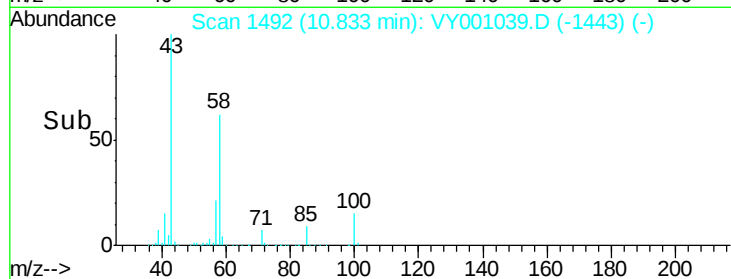
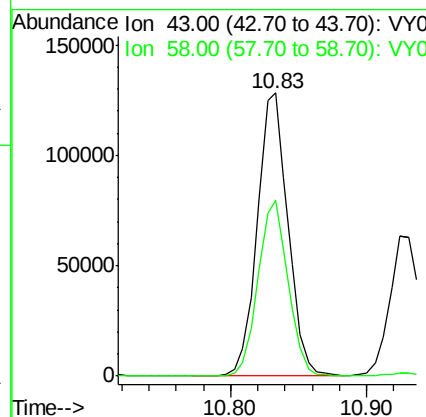
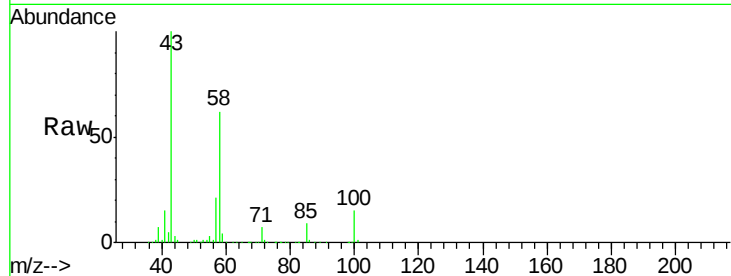
#59
2-Hexanone
Concen: 101.879 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

Tot Ion: 43 Resp: 203473
Ion Ratio Lower Upper
43 100
58 60.8 30.6 91.6

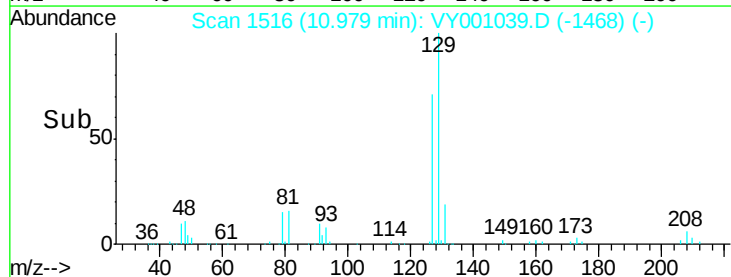
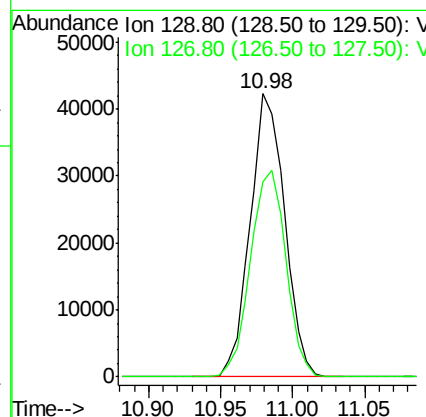
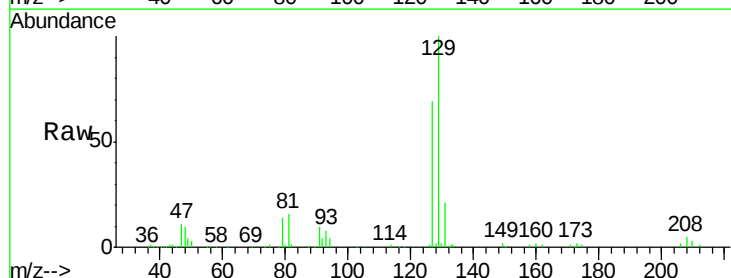
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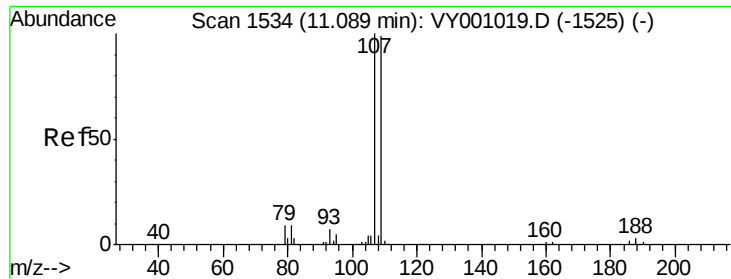
apatel
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#60
Dibromochloromethane
Concen: 20.825 ug/l
RT: 10.98 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Tgt Ion: 129 Resp: 69997
Ion Ratio Lower Upper
129 100
127 74.9 39.1 117.3





#61

1,2-Dibromoethane

Concen: 20.924 ug/l

RT: 11.09 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1224SBS01

Tot Ion: 107 Resp: 62962

Ion Ratio Lower Upper

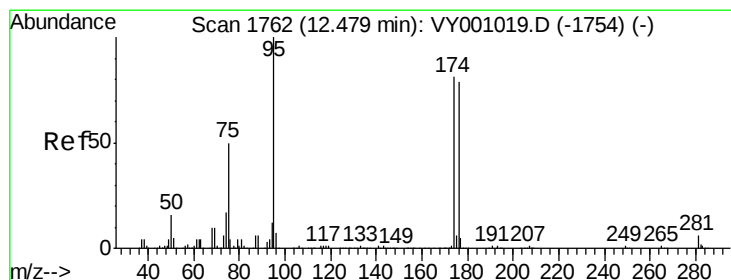
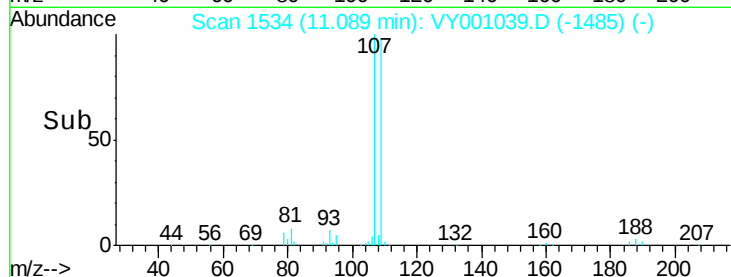
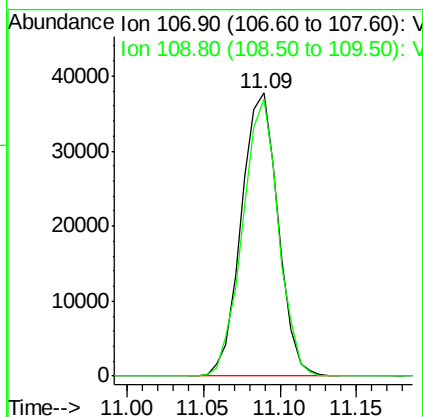
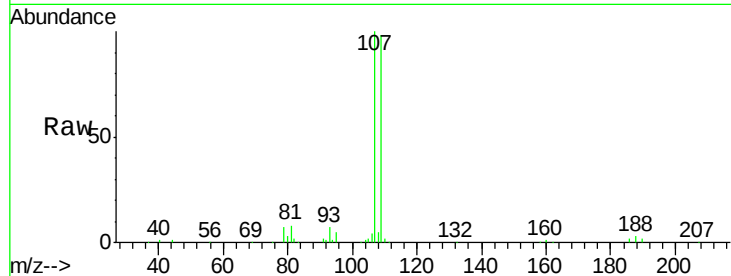
107 100

109 95.4 74.8 112.2

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#62

4-Bromofluorobenzene

Concen: 47.034 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

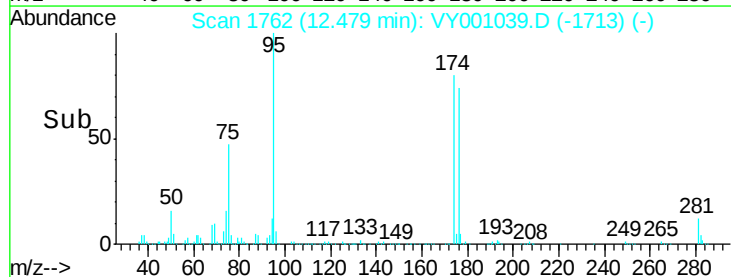
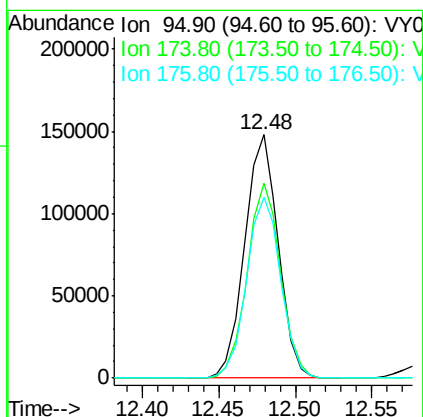
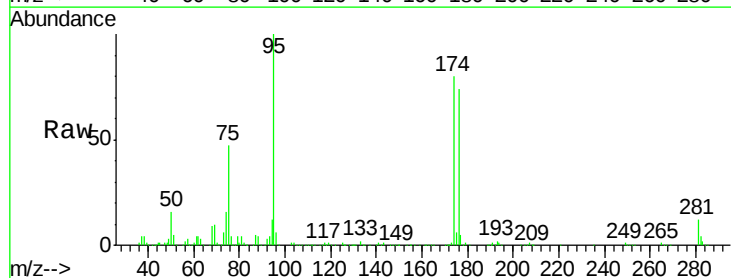
Tgt Ion: 95 Resp: 224111

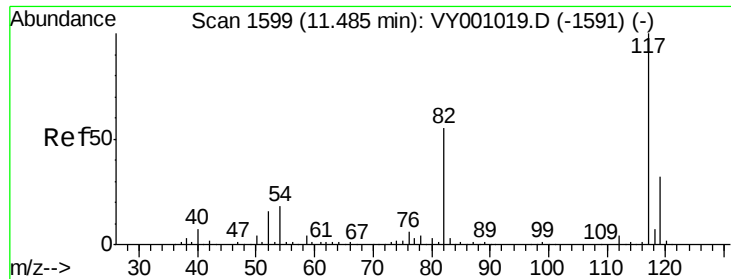
Ion Ratio Lower Upper

95 100

174 80.1 0.0 156.4

176 75.7 0.0 155.0





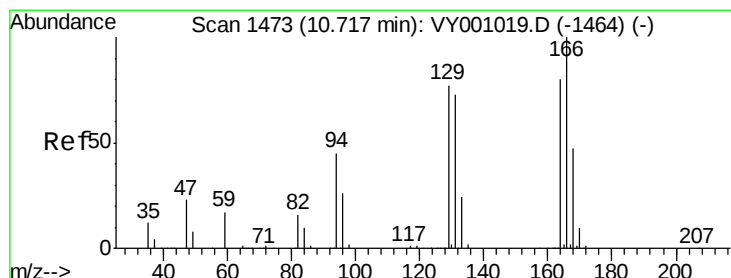
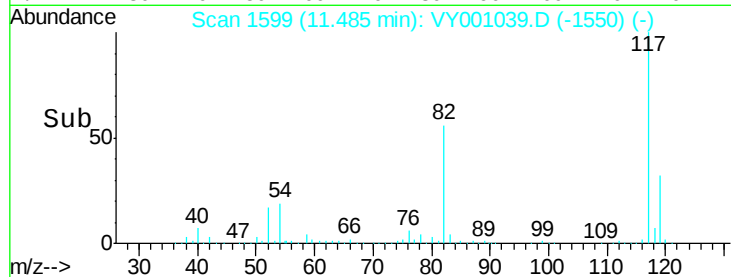
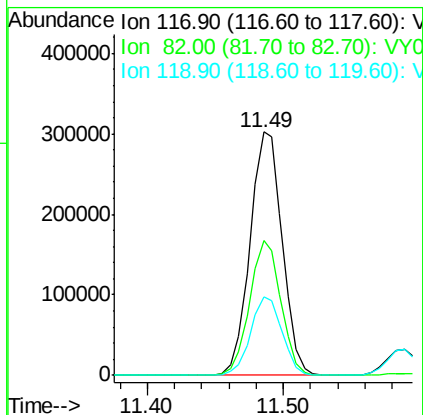
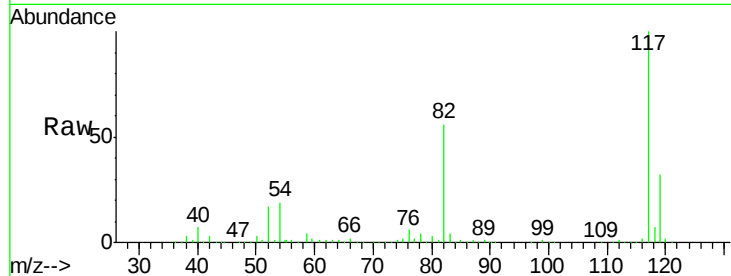
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	43.8	65.8
119	32.4	25.8	38.6

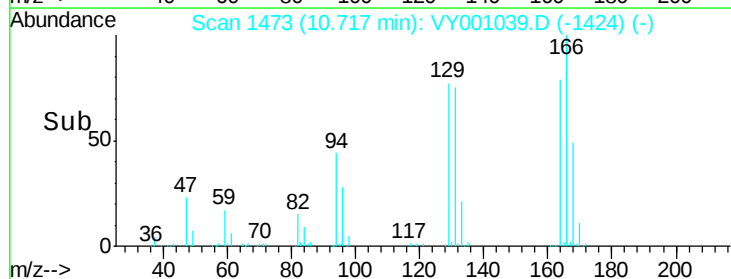
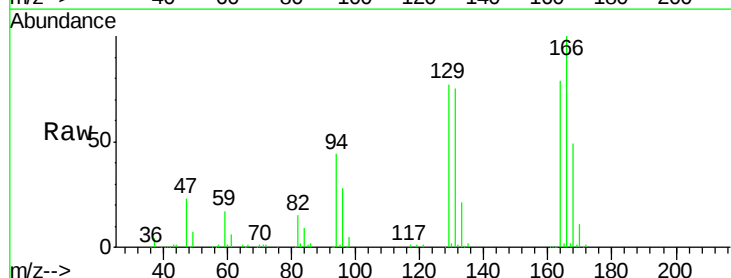
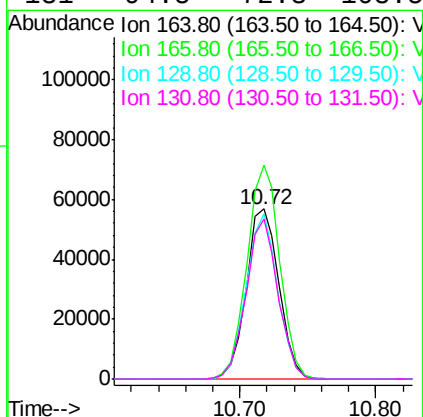
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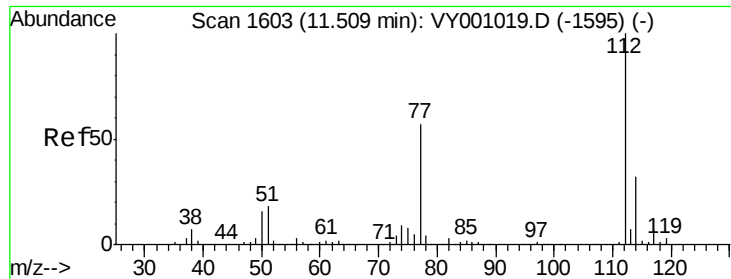
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#64
Tetrachloroethene
Concen: 22.092 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.9	99.7	149.5
129	97.2	76.9	115.3
131	94.5	72.3	108.5





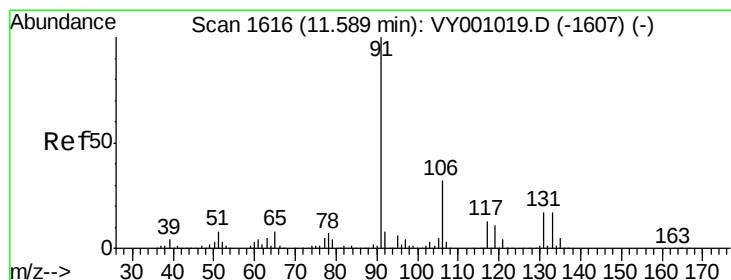
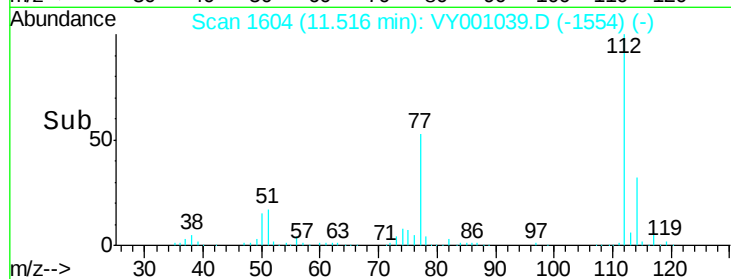
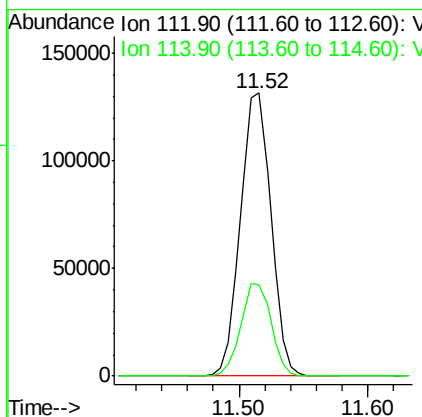
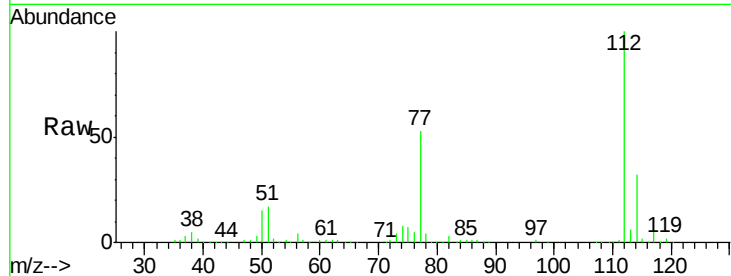
#65
Chlorobenzene
Concen: 20.791 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.4	38.2

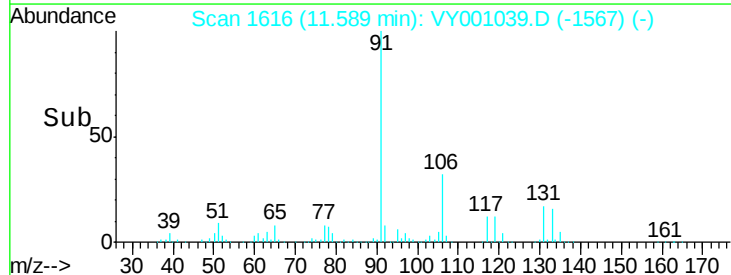
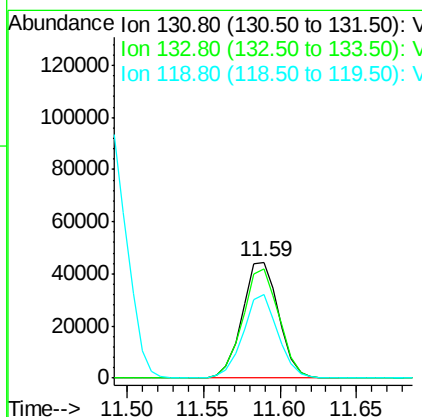
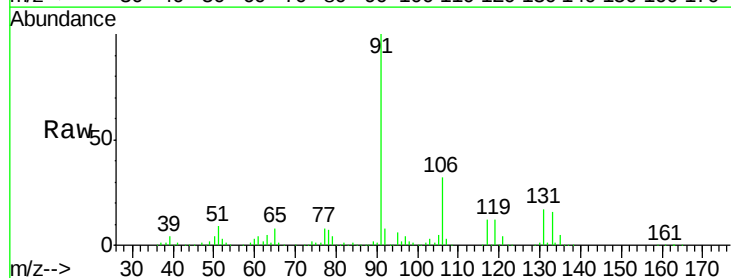
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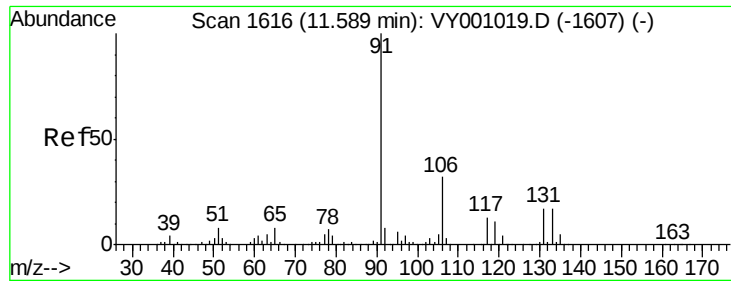
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.533 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.9	48.1	144.4
119	68.5	34.0	101.8





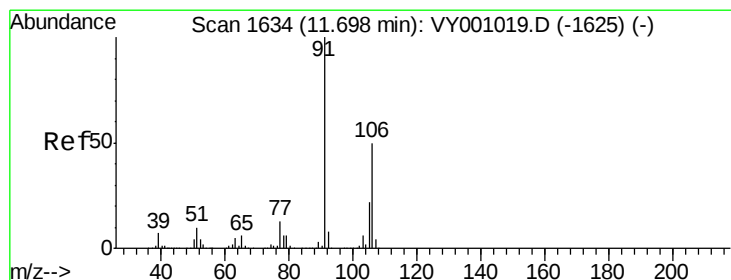
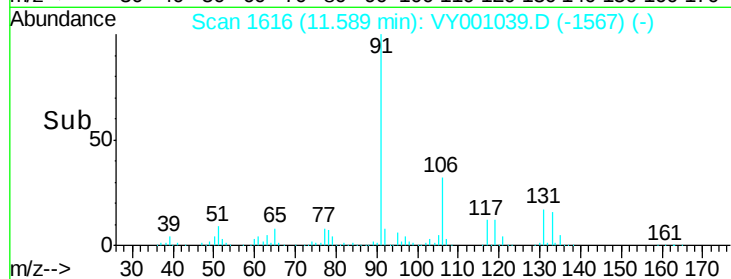
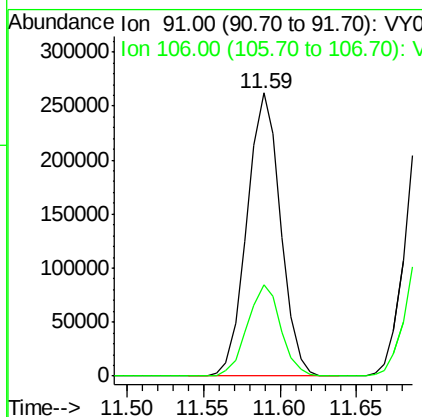
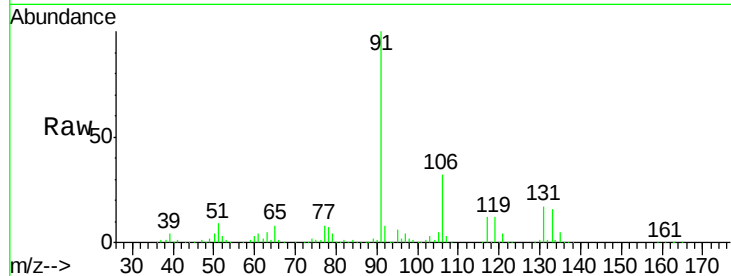
#67
Ethyl Benzene
Concen: 21.450 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.3	25.3	37.9

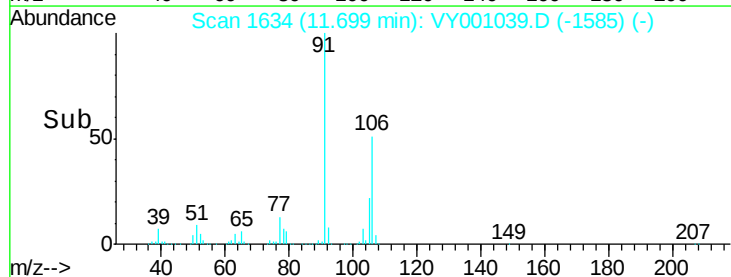
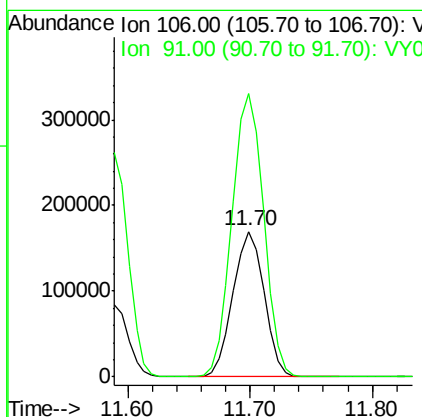
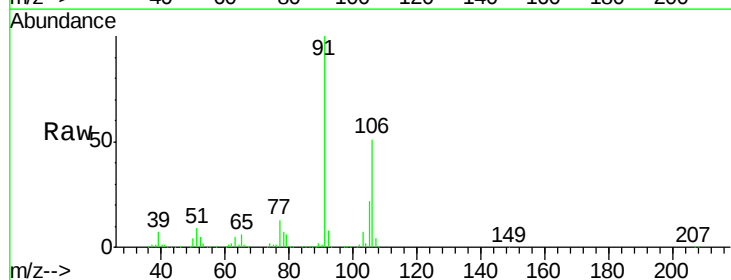
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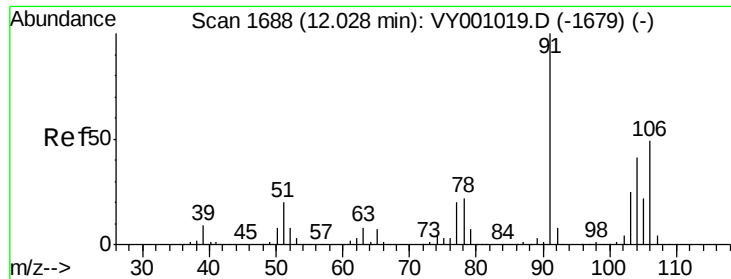
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#68
m/p-Xylenes
Concen: 42.444 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Tgt Ion	Ratio	Lower	Upper
106	100		
91	197.7	156.4	234.6





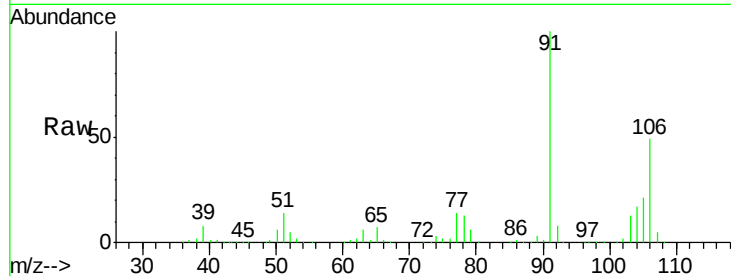
#69
o-Xylene
Concen: 21.361 ug/l
RT: 12.02 min Scan# 1687
Delta R.T. -0.01 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

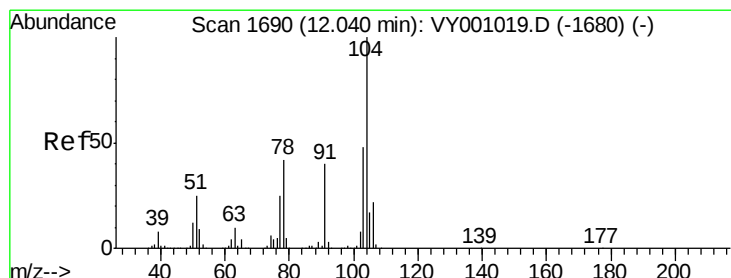
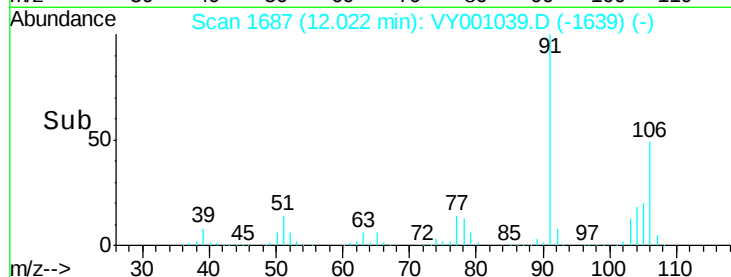
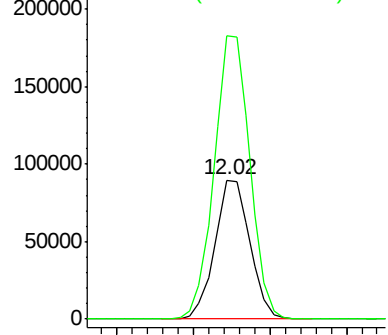
Tot Ion:106 Resp: 142285
Ion Ratio Lower Upper
106 100
91 207.6 103.0 309.0

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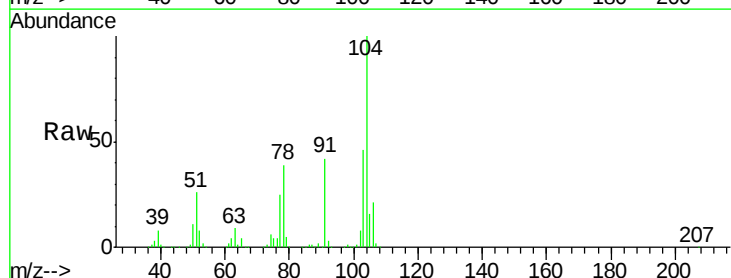


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

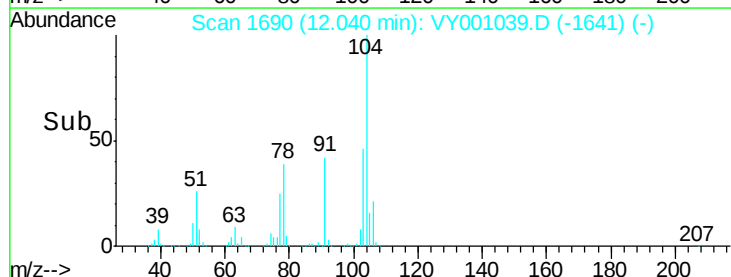
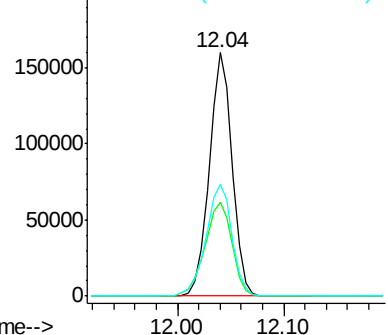


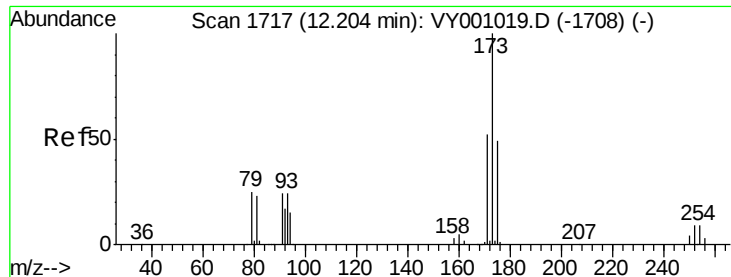
#70
Styrene
Concen: 21.253 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Tgt Ion:104 Resp: 240706
Ion Ratio Lower Upper
104 100
78 45.4 36.6 54.8
103 52.0 42.6 64.0



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





#71

Bromoform

Concen: 21.402 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1224SBS01

Tot Ion:173 Resp: 40771

Ion Ratio Lower Upper

173 100

175 48.9 24.5 73.5

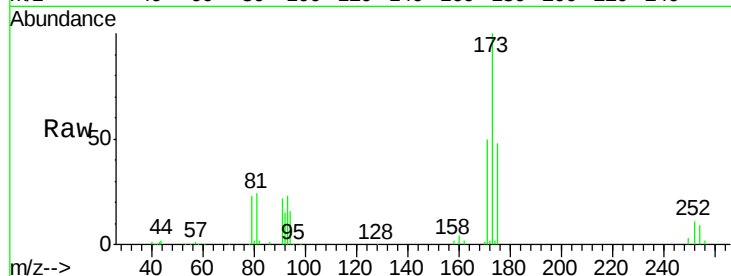
254 0.0 0.0 0.0

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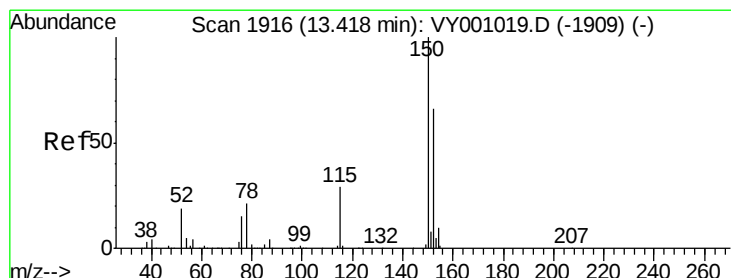
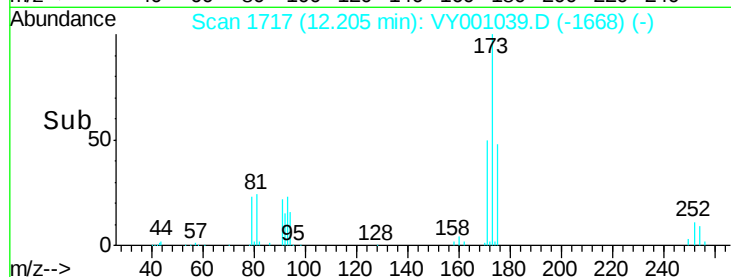
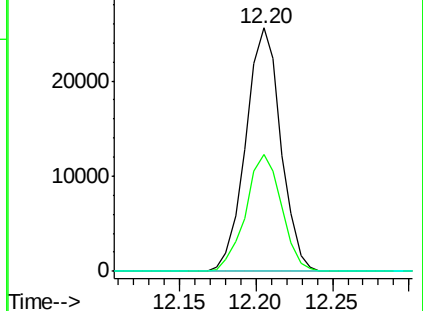
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VY001039.D

Acq: 24 Dec 2019 11:58

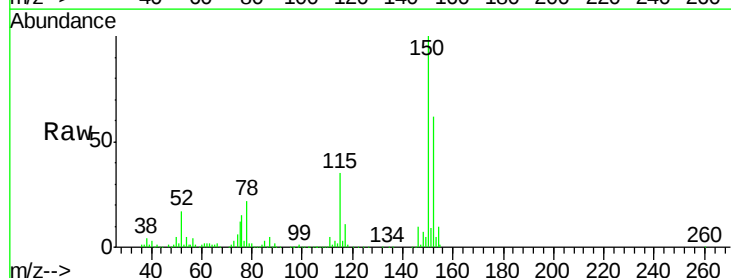
Tgt Ion:152 Resp: 230247

Ion Ratio Lower Upper

152 100

115 58.8 29.8 89.3

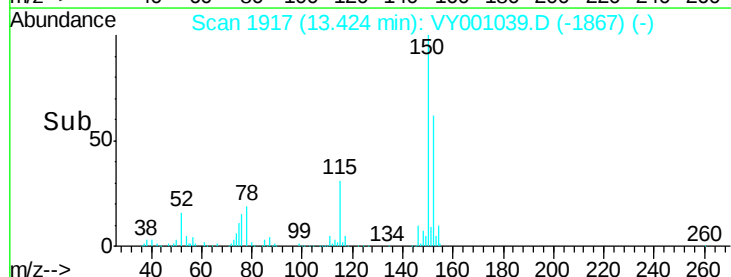
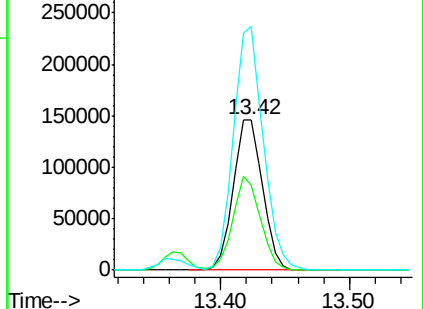
150 165.5 0.0 352.6

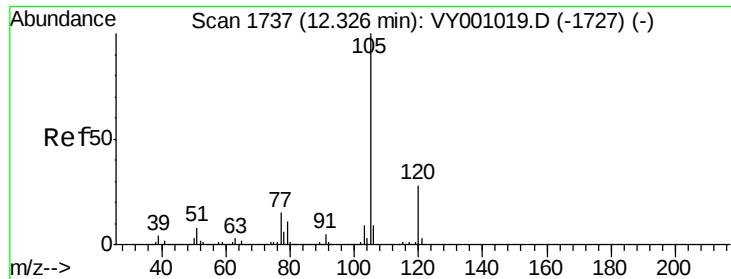


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.342 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1224SBS01

Tot Ion: 105 Resp: 380263

Ion Ratio Lower Upper

105 100

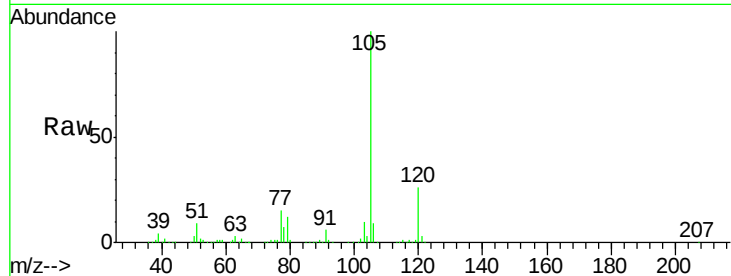
120 26.5 13.4 40.2

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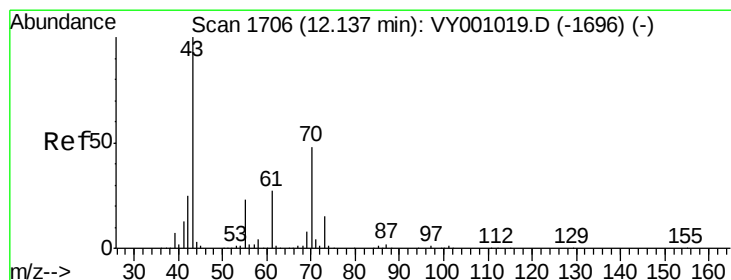
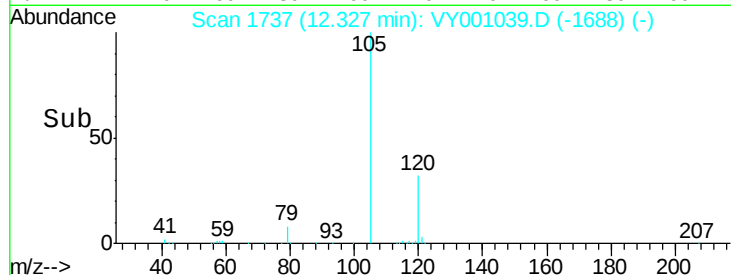
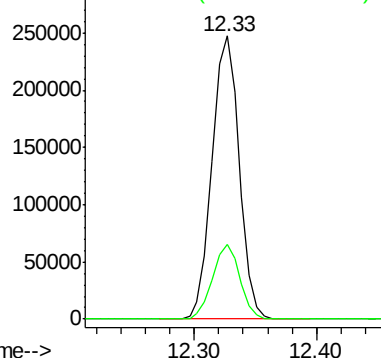
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.201 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Tgt Ion: 43 Resp: 94557

Ion Ratio Lower Upper

43 100

70 47.7 39.0 58.6

55 25.6 19.5 29.3

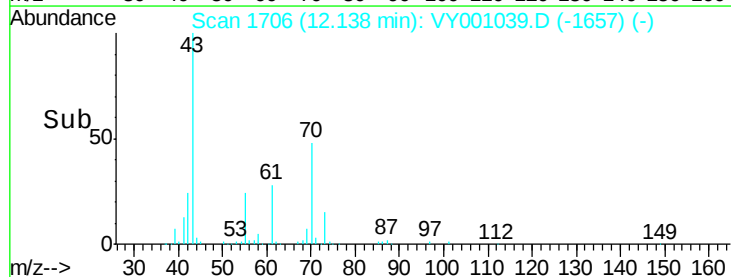
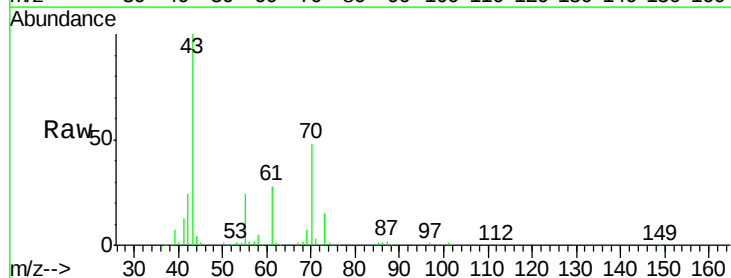
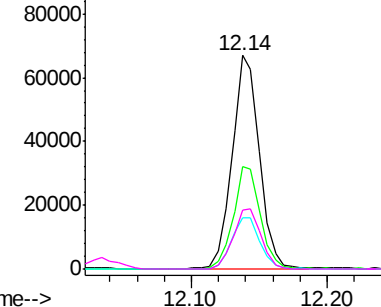
61 28.7 22.0 33.0

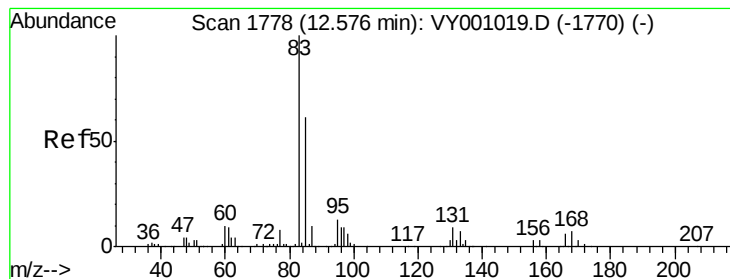
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 20.463 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Instrument :

MSVOA_Y

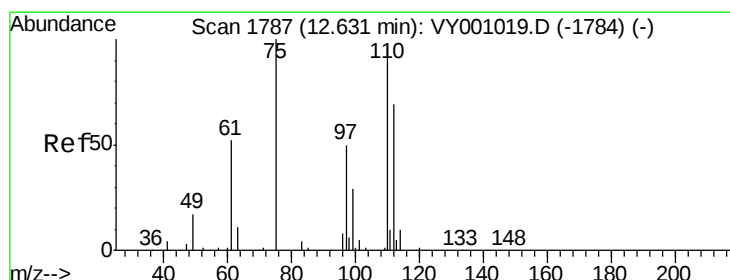
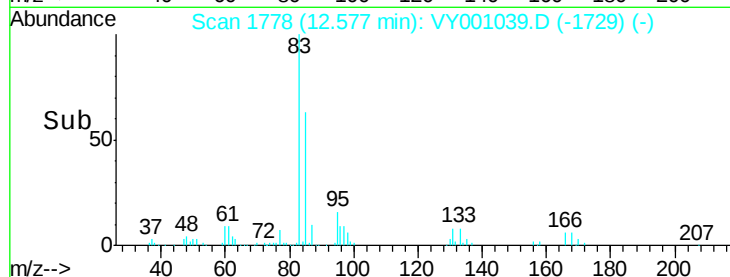
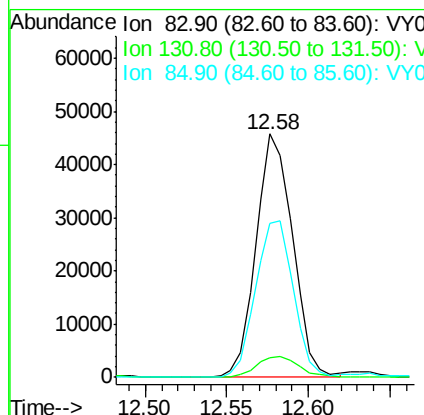
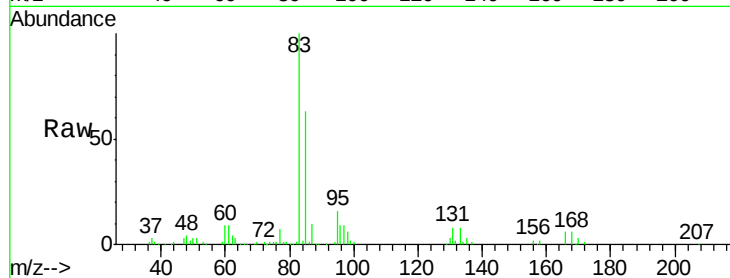
ClientSampleId :

VY1224SBS01

Tot Ion:	83	Resp:	71825
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.1	15.3
85	66.3	32.1	96.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.175 ug/l m

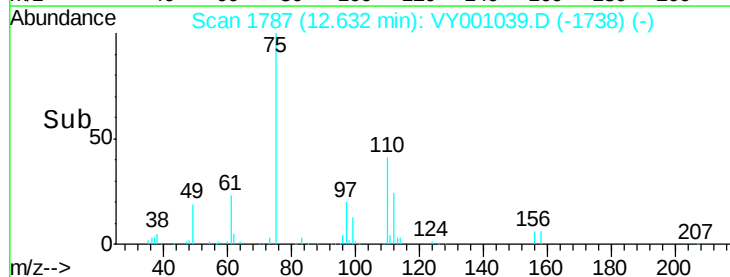
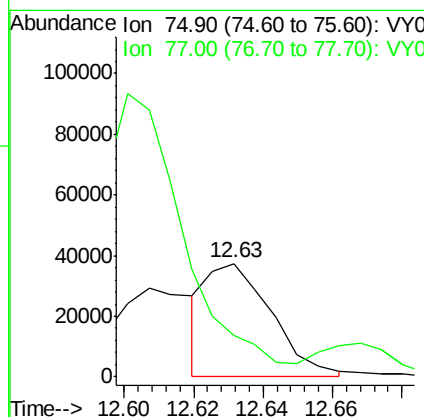
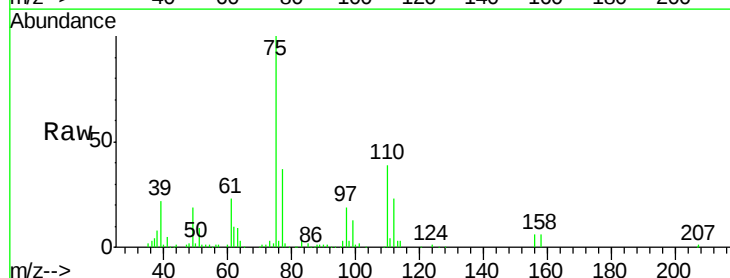
RT: 12.63 min Scan# 1787

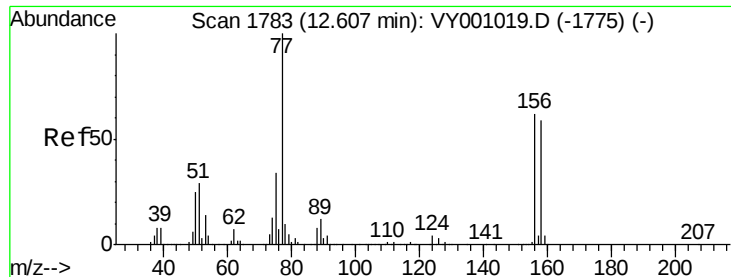
Delta R.T. 0.00 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Tgt Ion:	75	Resp:	48752
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.002 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1224SBS01

Tot Ion:156 Resp: 84159

Ion Ratio Lower Upper

156 100

77 197.3 98.0 294.1

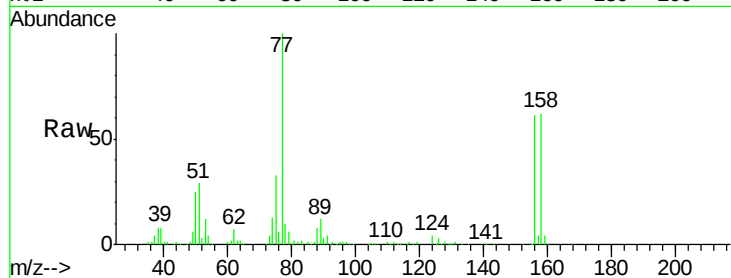
158 96.4 48.5 145.6

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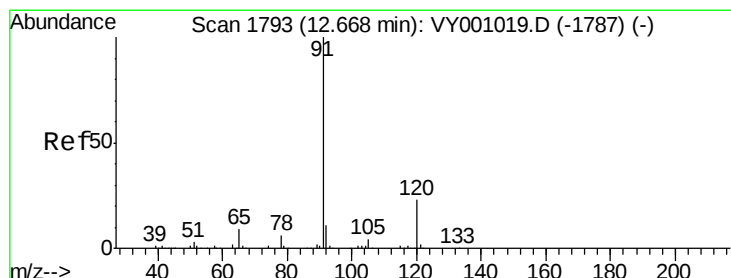
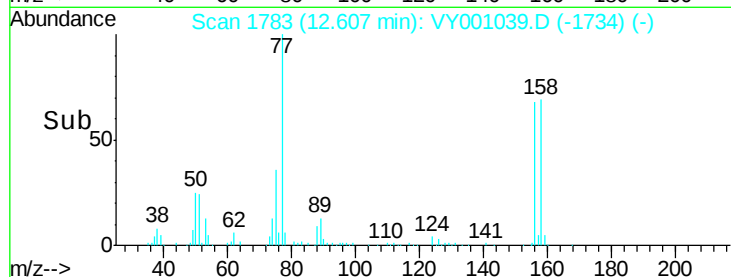
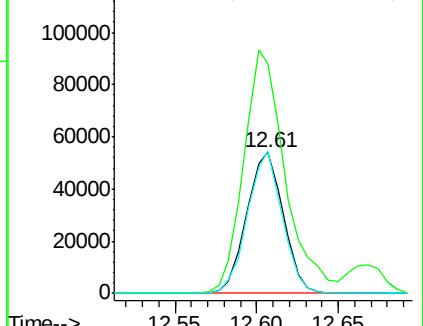
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.057 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY001039.D

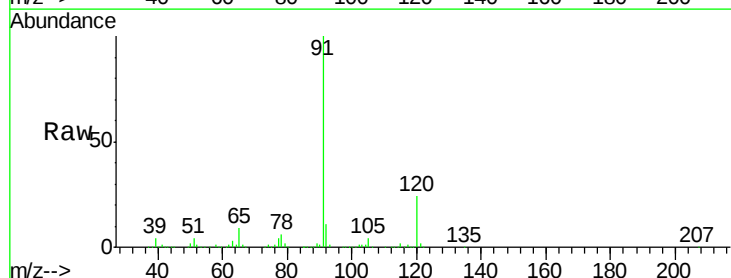
Acq: 24 Dec 2019 11:58

Tgt Ion: 91 Resp: 457157

Ion Ratio Lower Upper

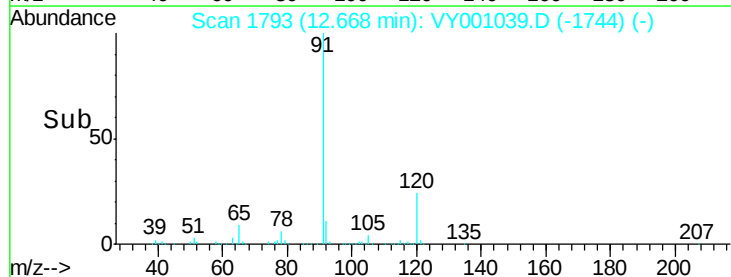
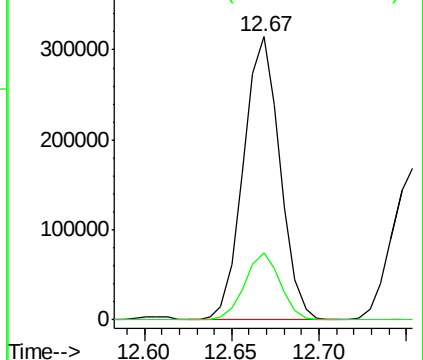
91 100

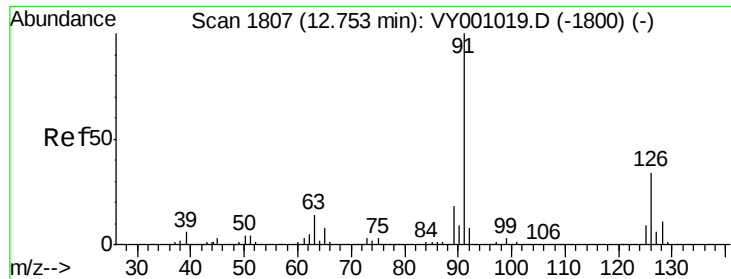
120 23.1 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.269 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY1224SBS01

Tot Ion: 91 Resp: 255008

Ion Ratio Lower Upper

91 100

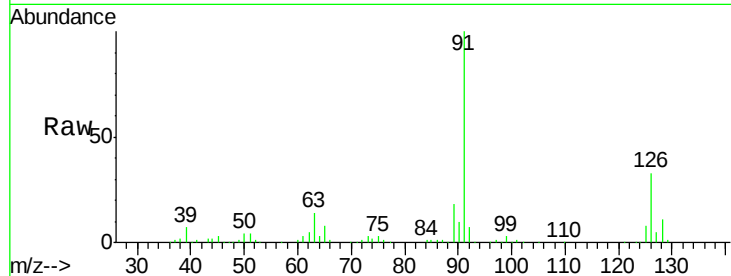
126 33.9 17.3 51.7

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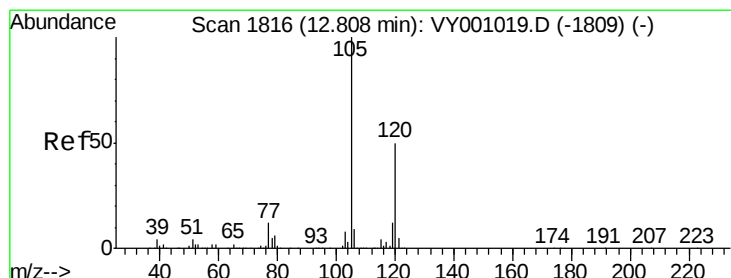
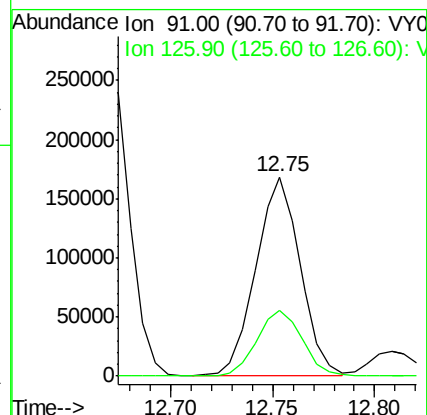
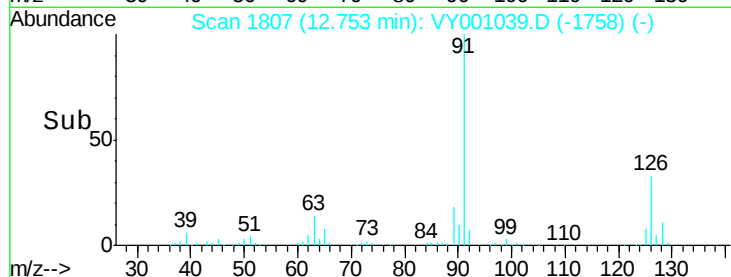
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Abundance Ion 91.00 (90.70 to 91.70): VY001019.D (-1800) (-)

Ion 125.90 (125.60 to 126.60): VY001019.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.368 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY001039.D

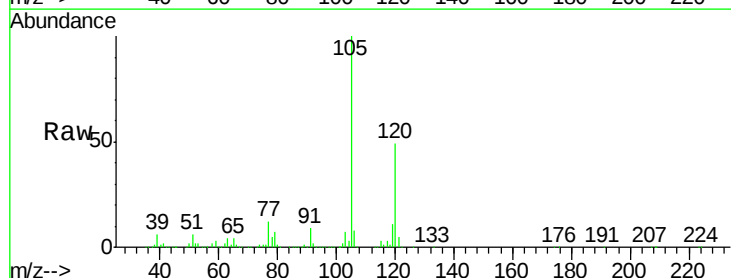
Acq: 24 Dec 2019 11:58

Tgt Ion: 105 Resp: 312073

Ion Ratio Lower Upper

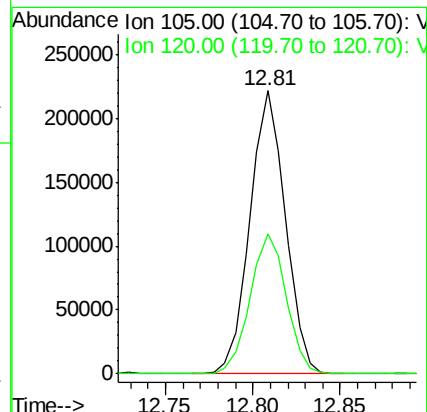
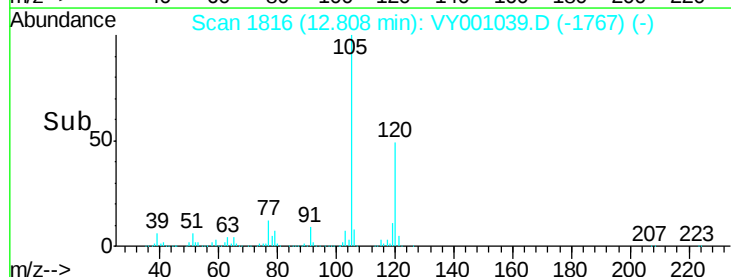
105 100

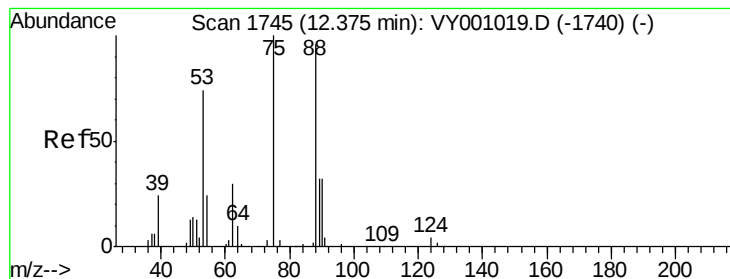
120 50.4 25.1 75.4



Abundance Ion 105.00 (104.70 to 105.70): VY001019.D (-1809) (-)

Ion 120.00 (119.70 to 120.70): VY001019.D (-1809) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.552 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Instrument :

MSVOA_Y

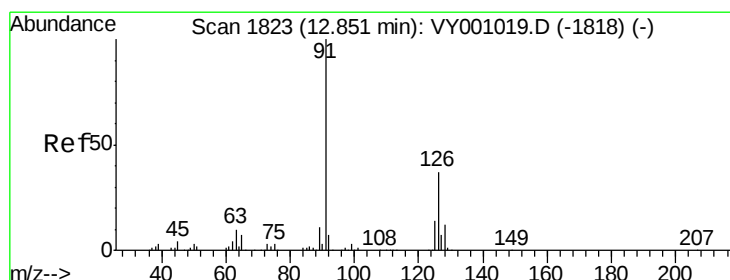
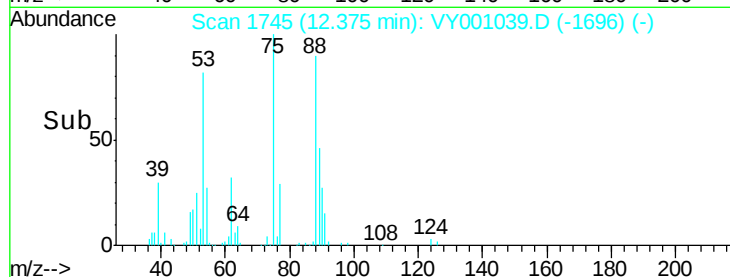
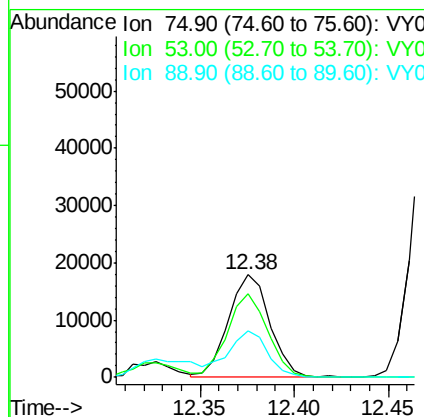
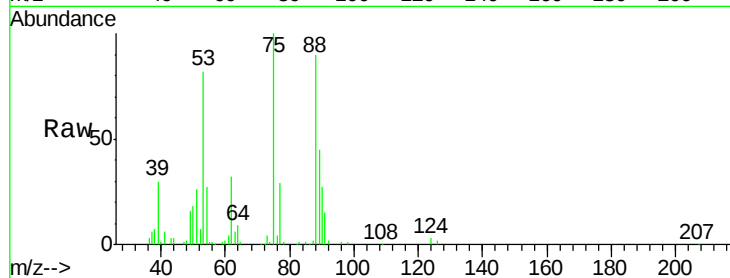
ClientSampleId :

VY1224SBS01

Tot Ion:	75	Resp:	27352
Ion Ratio	Lower	Upper	
75	100		
53	79.6	60.6	91.0
89	43.9	35.4	53.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 21.268 ug/l

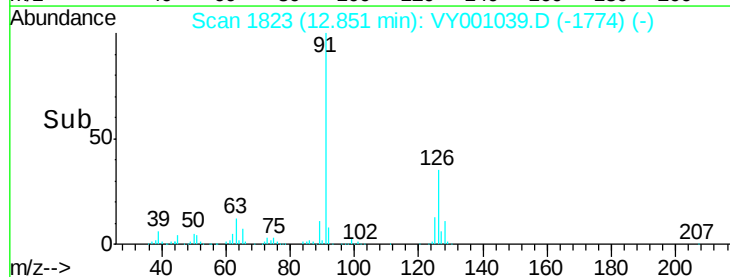
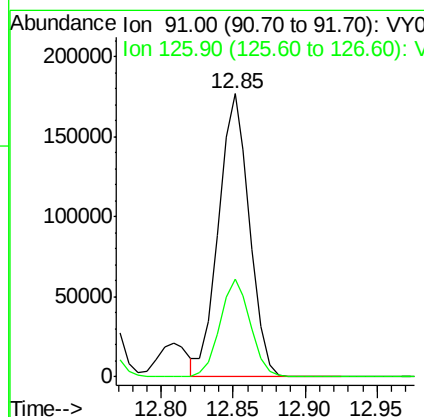
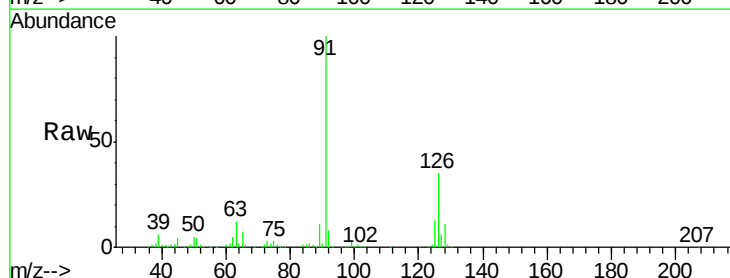
RT: 12.85 min Scan# 1823

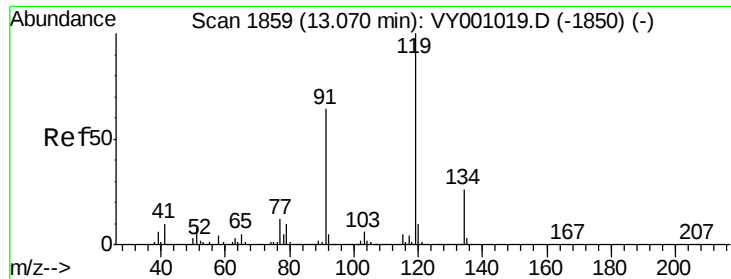
Delta R.T. 0.00 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Tgt Ion:	91	Resp:	264856
Ion Ratio	Lower	Upper	
91	100		
126	34.2	17.6	52.8





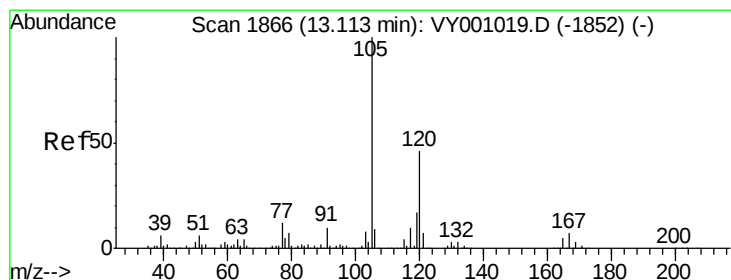
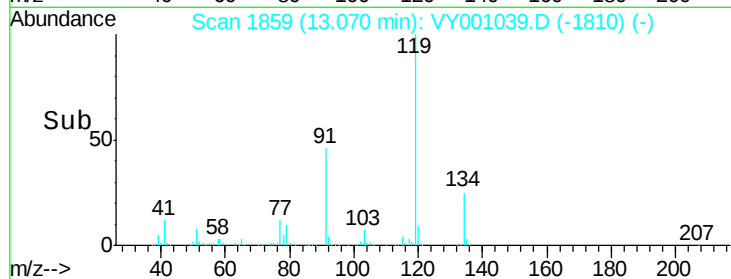
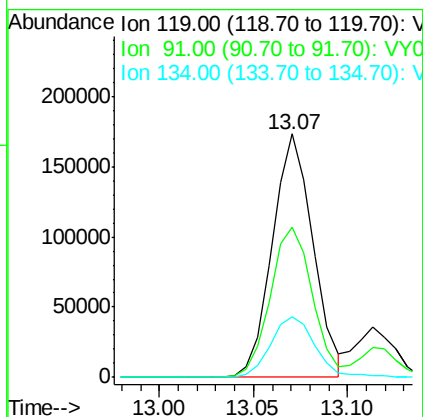
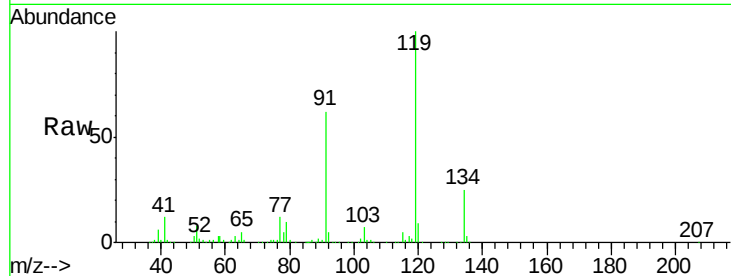
#83
tert-Butylbenzene
Concen: 21.154 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	259349		
91	63.5		31.9	95.7
134	27.2		13.6	40.7

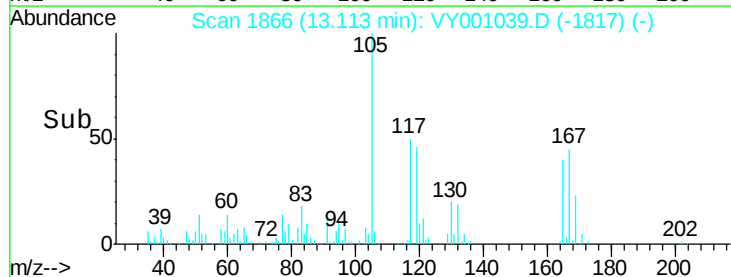
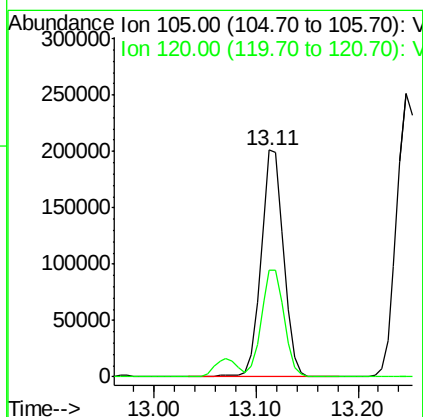
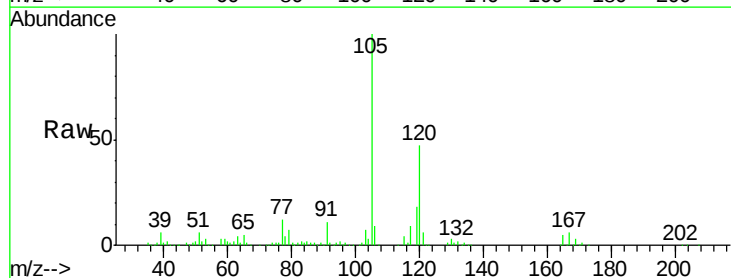
Manual Integrations
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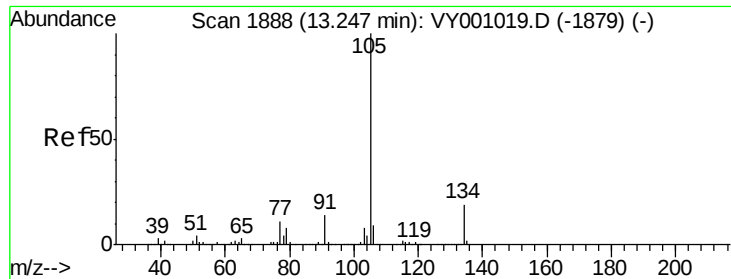
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#84
1,2,4-Trimethylbenzene
Concen: 21.170 ug/l
RT: 13.11 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	310698		
120	47.3		23.4	70.2





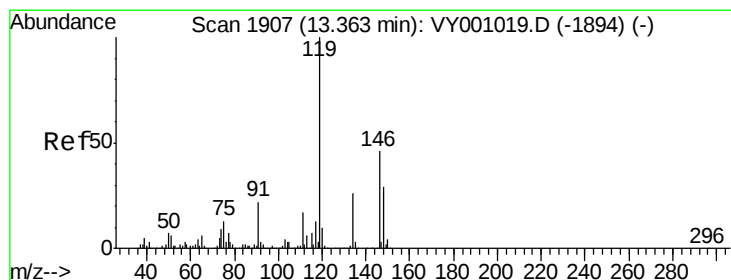
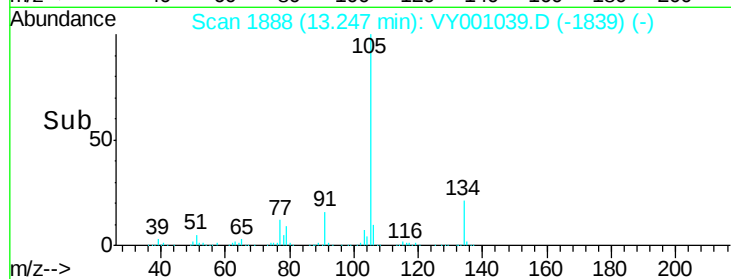
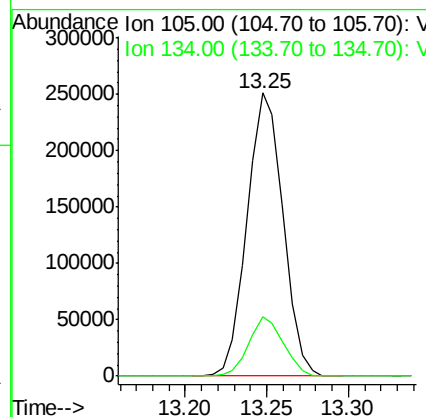
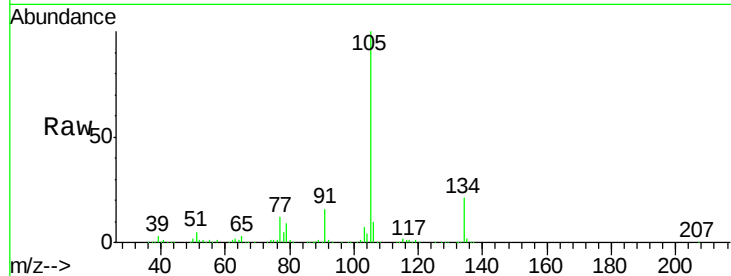
#85
 sec-Butylbenzene
 Concen: 21.332 ug/l
 RT: 13.25 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VY001039.D
 Acq: 24 Dec 2019 11:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1224SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.1	10.0	30.0

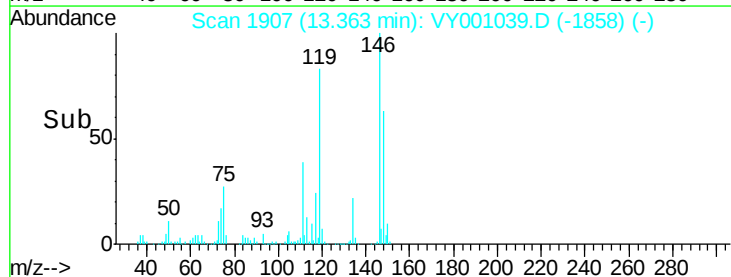
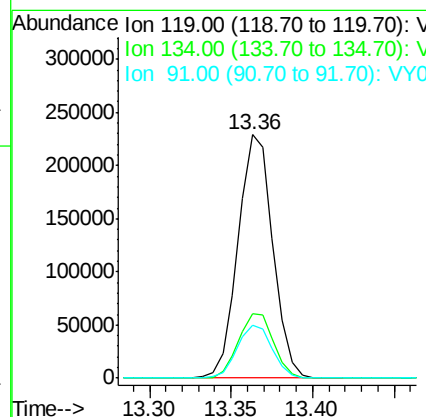
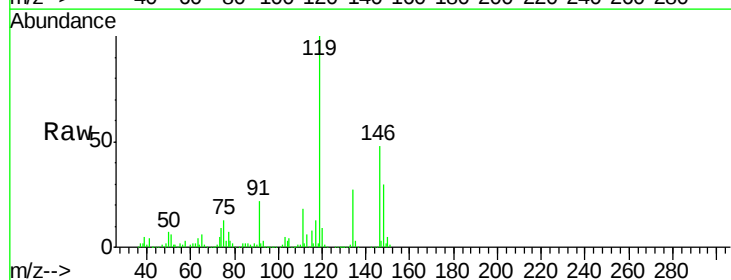
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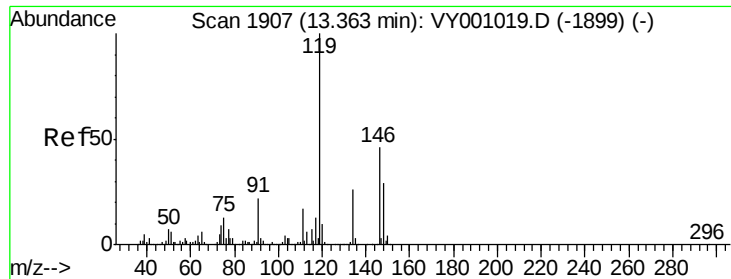
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#86
 p-Isopropyltoluene
 Concen: 21.665 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001039.D
 Acq: 24 Dec 2019 11:58

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.6	40.7
91	22.1	11.4	34.1





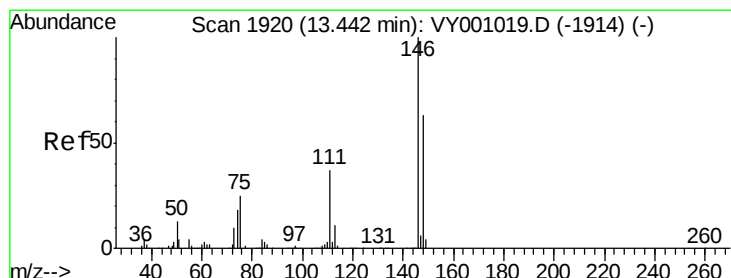
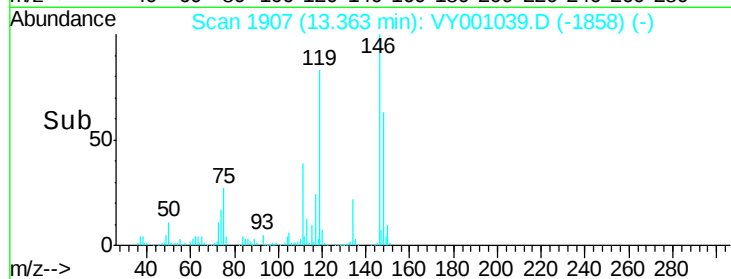
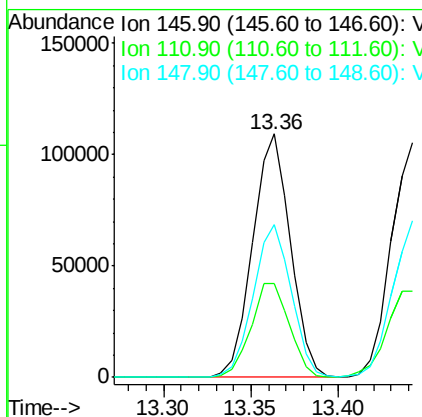
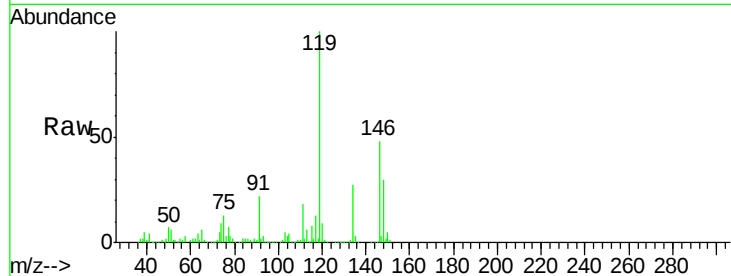
#87
 1,3-Dichlorobenzene
 Concen: 21.467 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001039.D
 Acq: 24 Dec 2019 11:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1224SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	165215		
111	39.3	19.7	59.0	
148	63.2	31.9	95.5	

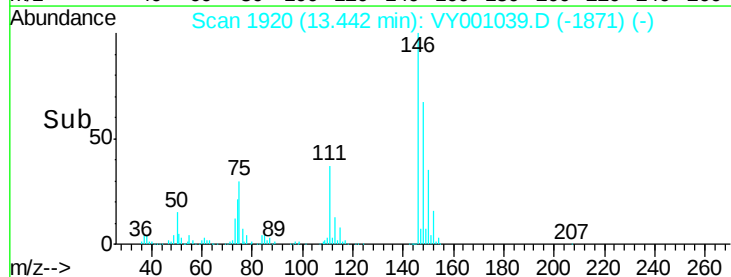
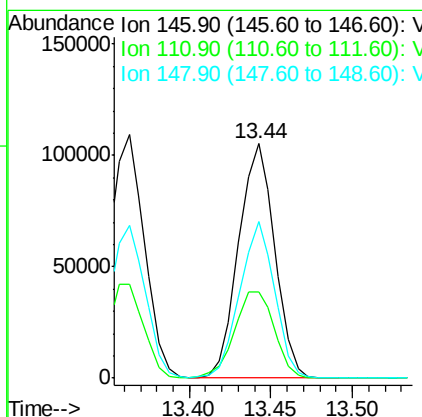
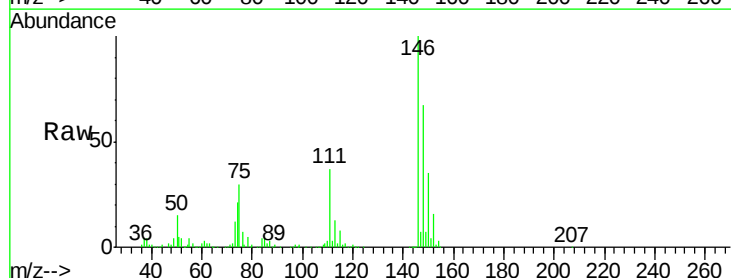
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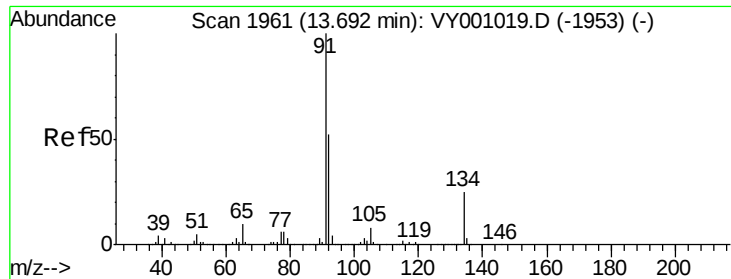
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#88
 1,4-Dichlorobenzene
 Concen: 20.922 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY001039.D
 Acq: 24 Dec 2019 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	162436		
111	40.9	19.4	58.2	
148	64.6	31.8	95.3	





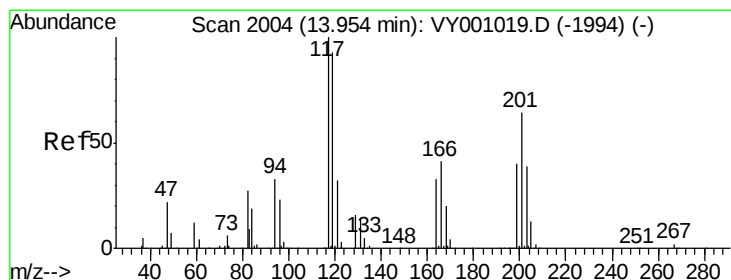
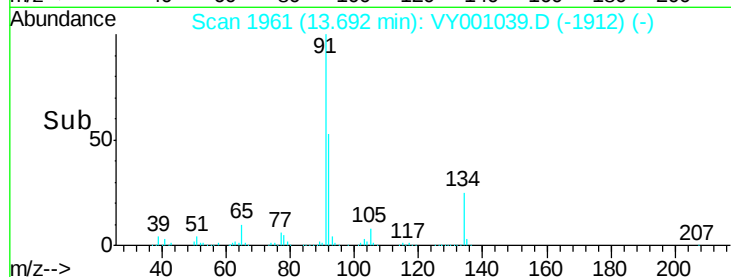
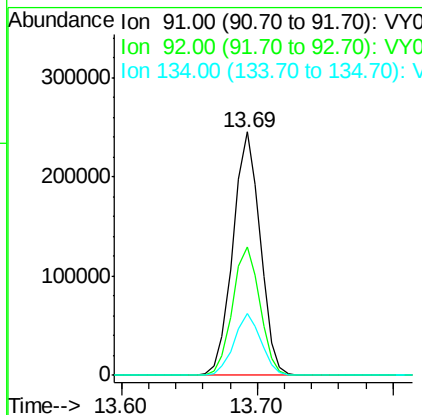
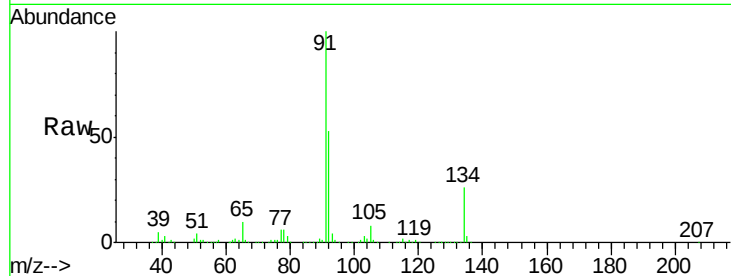
#89
n-Butylbenzene
Concen: 21.757 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Instrument :
MSVOA_Y
ClientSampleId :
VY1224SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.9	80.7
134	25.1	12.7	38.0

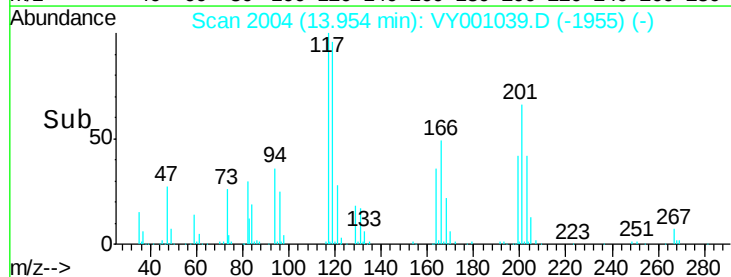
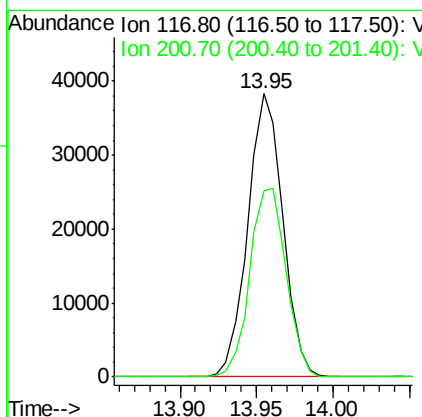
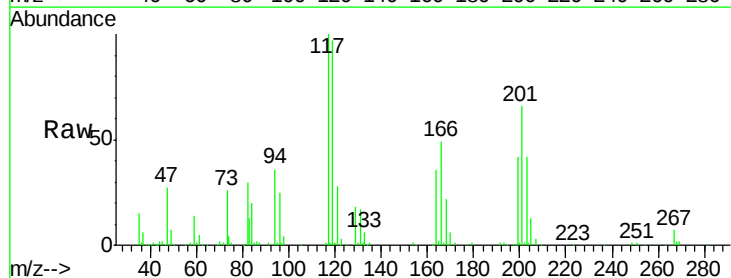
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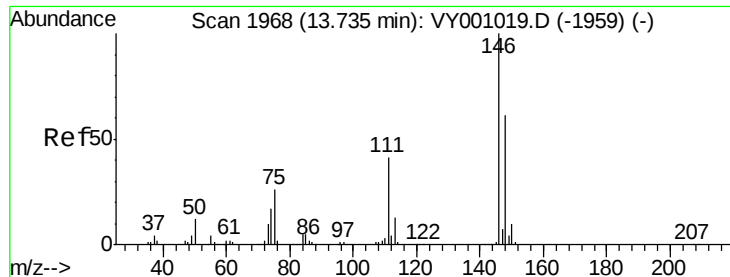
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#90
Hexachloroethane
Concen: 20.704 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. 0.00 min
Lab File: VY001039.D
Acq: 24 Dec 2019 11:58

Tgt Ion	Ratio	Lower	Upper
117	100		
201	69.0	33.7	101.1





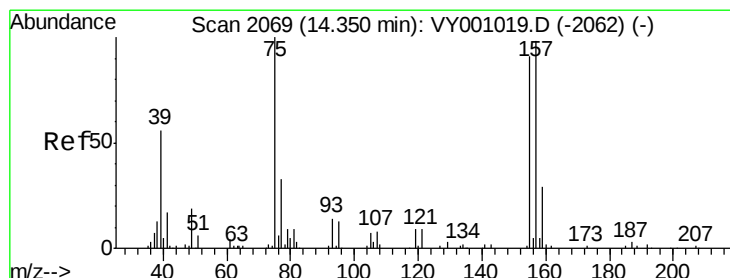
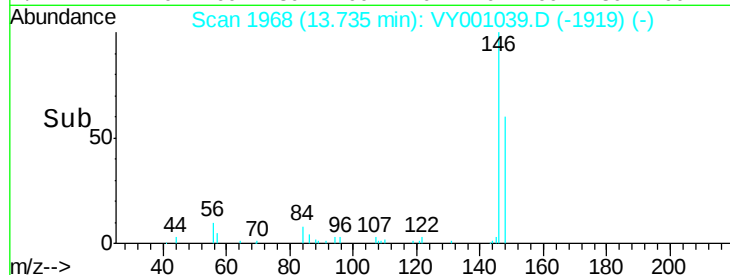
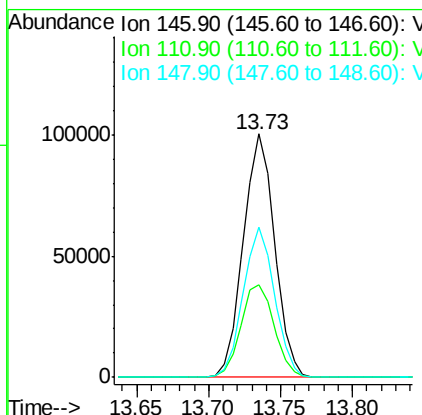
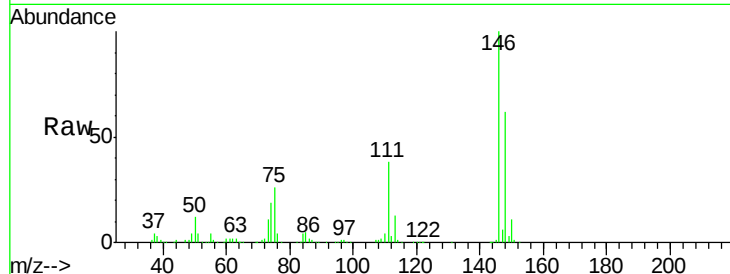
#91
 1,2-Dichlorobenzene
 Concen: 21.316 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY001039.D
 Acq: 24 Dec 2019 11:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1224SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.6	61.9
148	61.8	31.6	94.7

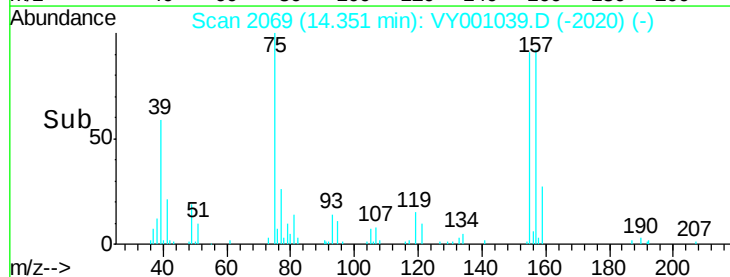
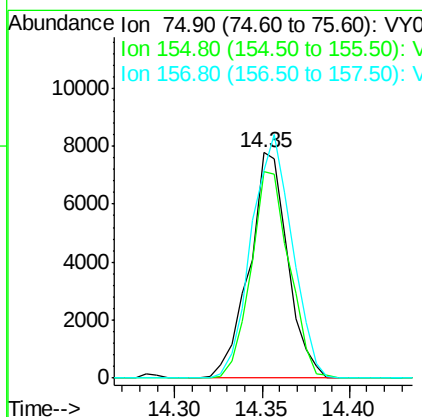
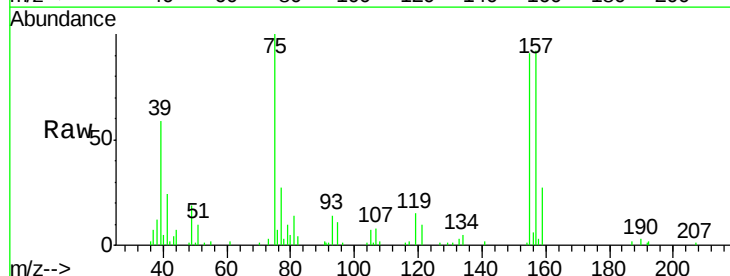
Manual Integrations
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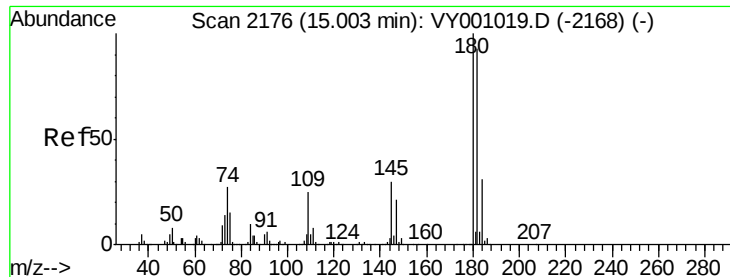
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.248 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. 0.00 min
 Lab File: VY001039.D
 Acq: 24 Dec 2019 11:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.2	46.3	138.9
157	114.4	58.1	174.4





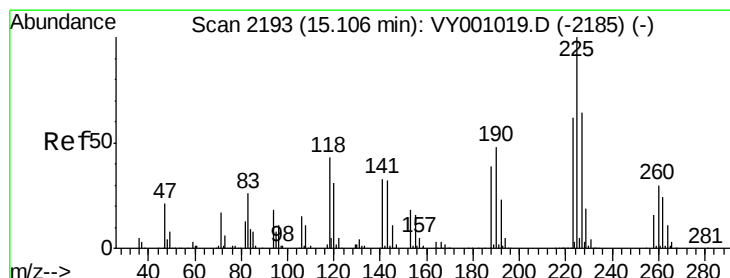
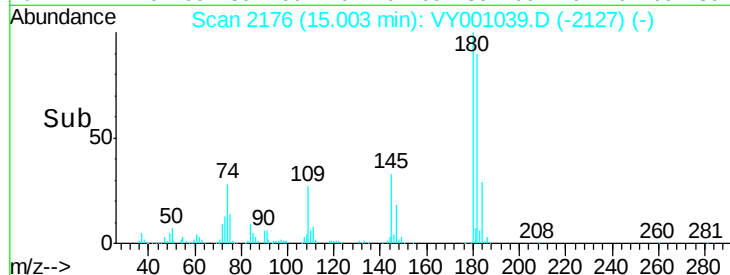
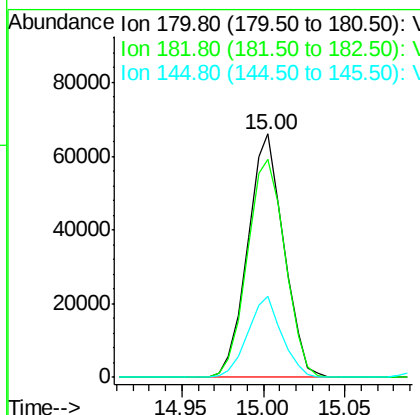
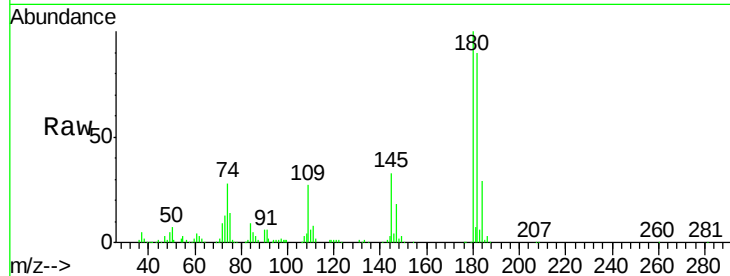
#93
 1,2,4-Trichlorobenzene
 Concen: 21.189 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY001039.D
 Acq: 24 Dec 2019 11:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1224SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.1	46.8	140.3	
145	31.9	15.3	45.9	

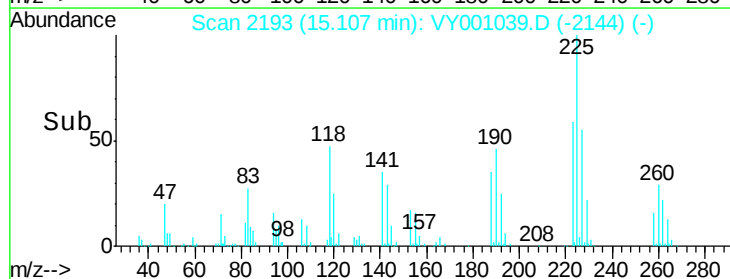
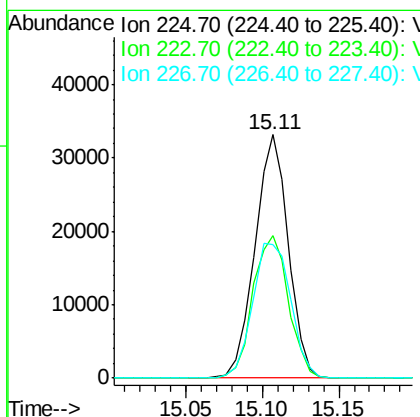
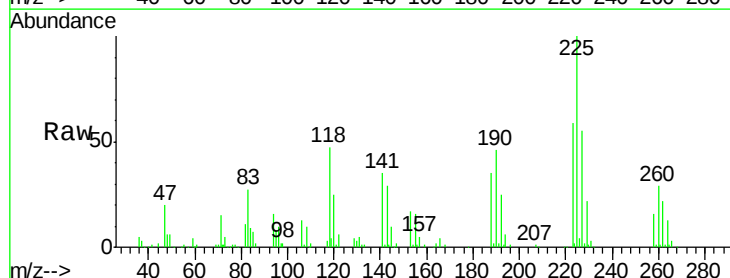
Manual Integrations
 APPROVED

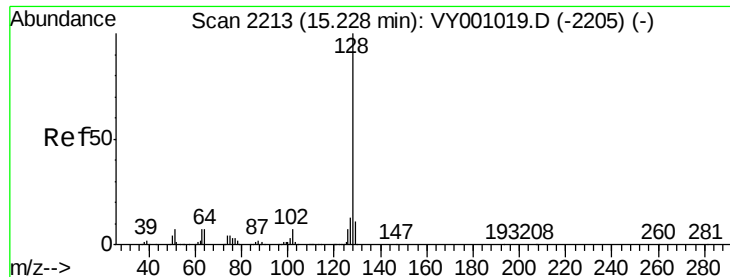
apatel
 12/26/2019 12:30:01 PM



#94
 Hexachlorobutadiene
 Concen: 22.055 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY001039.D
 Acq: 24 Dec 2019 11:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.6	31.6	94.8	
227	63.7	31.9	95.5	





#95

Naphthalene

Concen: 20.728 ug/l

RT: 15.23 min Scan# 2213

Delta R.T. 0.00 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Instrument :

MSVOA_Y

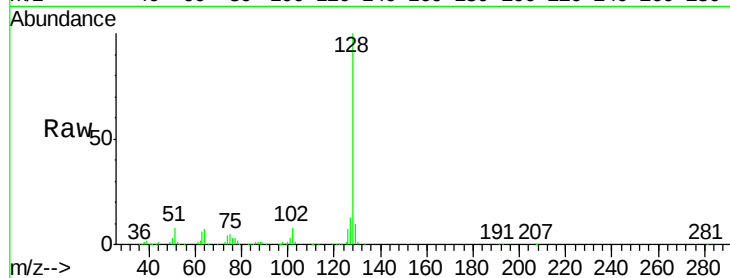
ClientSampleId :

VY1224SBS01

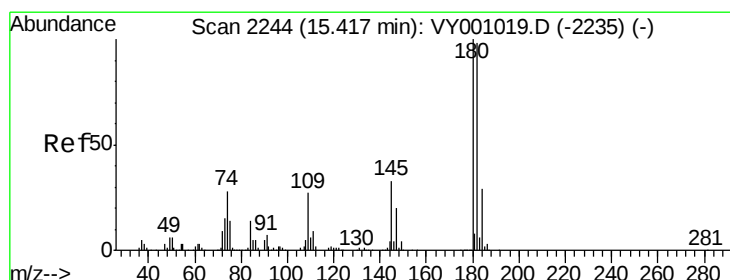
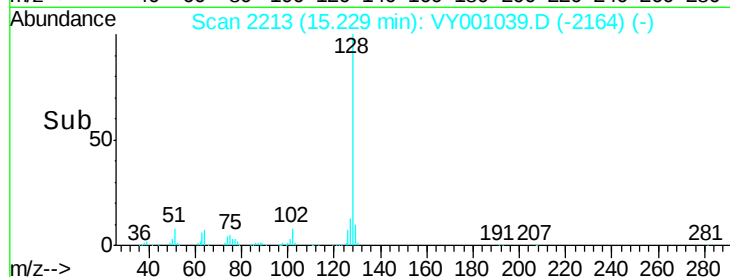
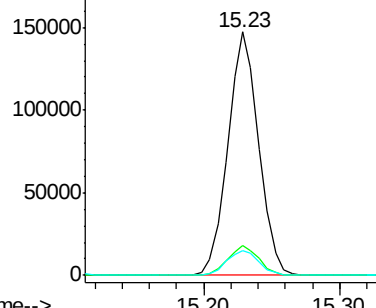
Tot Ion:	128	Resp:	233594
Ion Ratio		Lower	Upper
128	100		
127	12.3	9.9	14.9
129	10.8	8.6	13.0

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



#96

1,2,3-Trichlorobenzene

Concen: 21.162 ug/l

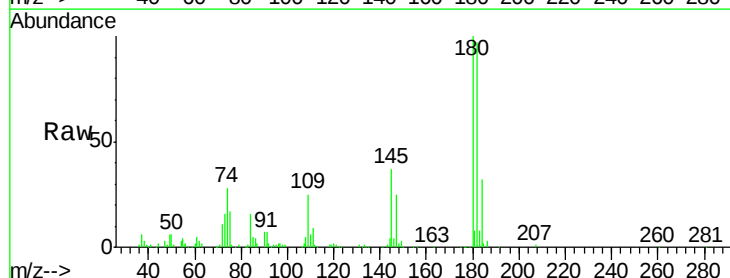
RT: 15.42 min Scan# 2244

Delta R.T. 0.00 min

Lab File: VY001039.D

Acq: 24 Dec 2019 11:58

Tgt Ion:	180	Resp:	90433
Ion Ratio		Lower	Upper
180	100		
182	95.0	47.9	143.8
145	33.6	16.3	48.9



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

