

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092619\
 Data File : VY000148.D
 Acq On : 26 Sep 2019 12:57
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY092619

Manual Integrations
 APPROVED

MMDadoda
 10/2/2019 9:13:10 AM

Quant Time: Sep 26 14:50:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092619S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 26 14:30:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	203774	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	326102	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	283215	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	140638	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	90787	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
35) Dibromofluoromethane	7.72	113	92749	54.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.62%	
50) Toluene-d8	10.18	98	387362	53.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.20%	
62) 4-Bromofluorobenzene	12.48	95	130130	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	70354	49.949	ug/l	89
3) Chloromethane	2.11	50	110400	53.304	ug/l	100
4) Vinyl Chloride	2.25	62	121572	47.872	ug/l	96
5) Bromomethane	2.64	94	84125	49.127	ug/l	99
6) Chloroethane	2.79	64	76019	48.220	ug/l	99
7) Trichlorofluoromethane	3.12	101	147369	48.144	ug/l	99
8) Diethyl Ether	3.52	74	57895	47.439	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	95647	47.869	ug/l	99
10) Methyl Iodide	4.09	142	148428	48.179	ug/l	98
11) Tert butyl alcohol	4.97	59	42084	236.043	ug/l #	85
12) 1,1-Dichloroethene	3.87	96	103853	49.563	ug/l	96
13) Acrolein	3.73	56	55751	251.796	ug/l	99
14) Allyl chloride	4.48	41	124383	47.437	ug/l	99
15) Acrylonitrile	5.16	53	132854	239.368	ug/l	100
16) Acetone	3.95	43	106108	234.399	ug/l	98
17) Carbon Disulfide	4.19	76	307483	47.307	ug/l	97
18) Methyl Acetate	4.47	43	57354	44.318	ug/l	98
19) Methyl tert-butyl Ether	5.22	73	235659	47.506	ug/l	97
20) Methylene Chloride	4.71	84	114314	52.235	ug/l	96
21) trans-1,2-Dichloroethene	5.21	96	113693	48.699	ug/l	95
22) Diisopropyl ether	6.11	45	265906	48.255	ug/l	98
23) Vinyl Acetate	6.06	43	868862	251.592	ug/l	98
24) 1,1-Dichloroethane	6.02	63	161832	48.513	ug/l	99
25) 2-Butanone	6.99	43	171782	250.735	ug/l	92
26) 2,2-Dichloropropane	6.98	77	149370	49.245	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	124005	47.794	ug/l	98
28) Bromochloromethane	7.33	49	65038	51.175	ug/l	99
29) Tetrahydrofuran	7.35	42	101748	240.909	ug/l	99
30) Chloroform	7.51	83	167115	47.866	ug/l	98
31) Cyclohexane	7.78	56	160490	46.536	ug/l	95
32) 1,1,1-Trichloroethane	7.70	97	148908	48.641	ug/l	98
36) 1,1-Dichloropropene	7.91	75	132381	48.849	ug/l	99
37) Ethyl Acetate	7.08	43	69802	48.759	ug/l	99
38) Carbon Tetrachloride	7.89	117	136086	51.439	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	198501	51.643	ug/l	96
40) Benzene	8.16	78	429393	50.160	ug/l	97
41) Methacrylonitrile	7.33	41	39995m	58.000	ug/l	
42) 1,2-Dichloroethane	8.24	62	105644	50.721	ug/l	99
43) Isopropyl Acetate	8.28	43	136600	51.656	ug/l	98
44) Trichloroethene	8.94	130	135152	49.405	ug/l	92
45) 1,2-Dichloropropane	9.22	63	94945	50.277	ug/l	93
46) Dibromomethane	9.30	93	56181	48.748	ug/l	97
47) Bromodichloromethane	9.50	83	129931	50.017	ug/l	95
48) Methyl methacrylate	9.29	41	57808	48.818	ug/l	98
49) 1,4-Dioxane	9.30	88	17790	999.135	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	355692	259.143	ug/l	98
52) Toluene	10.24	92	276761	49.921	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	139198	51.012	ug/l	100
54) cis-1,3-Dichloropropene	9.92	75	164993	51.021	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	85588	49.945	ug/l	99
56) Ethyl methacrylate	10.51	69	113531	50.931	ug/l	99
57) 1,3-Dichloropropane	10.79	76	136637	49.618	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	267810	255.792	ug/l	100
59) 2-Hexanone	10.83	43	263171	269.773	ug/l	98
60) Dibromochloromethane	10.99	129	100134	51.691	ug/l	99
61) 1,2-Dibromoethane	11.09	107	81381	49.766	ug/l	98
64) Tetrachloroethene	10.72	164	142796	50.898	ug/l	98
65) Chlorobenzene	11.52	112	306482	52.001	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	102600	51.517	ug/l	97
67) Ethyl Benzene	11.59	91	514113	51.030	ug/l	100
68) m/p-Xylenes	11.70	106	422200	103.663	ug/l	100
69) o-Xylene	12.03	106	198681	51.149	ug/l	99
70) Styrene	12.04	104	339152	51.592	ug/l	99
71) Bromoform	12.20	173	64537	55.145	ug/l #	99
73) Isopropylbenzene	12.33	105	513042	50.561	ug/l	100
74) N-amyl acetate	12.14	43	127232	51.802	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	82003	51.919	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	63907m	45.151	ug/l	
77) Bromobenzene	12.61	156	126065	50.291	ug/l	98
78) n-propylbenzene	12.67	91	607452	50.219	ug/l	100
79) 2-Chlorotoluene	12.75	91	327315	49.733	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	430404	50.991	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	37509	52.811	ug/l	99
82) 4-Chlorotoluene	12.85	91	348961	50.889	ug/l	97
83) tert-Butylbenzene	13.07	119	376838	51.843	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	426083	49.950	ug/l	99
85) sec-Butylbenzene	13.25	105	535323	51.296	ug/l	99
86) p-Isopropyltoluene	13.37	119	479267	51.570	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	237854	49.522	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	244533	51.146	ug/l	100
89) n-Butylbenzene	13.69	91	457451	51.795	ug/l	99
90) Hexachloroethane	13.95	117	89217	50.814	ug/l	97
91) 1,2-Dichlorobenzene	13.73	146	223941	51.031	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	16123	51.736	ug/l	99

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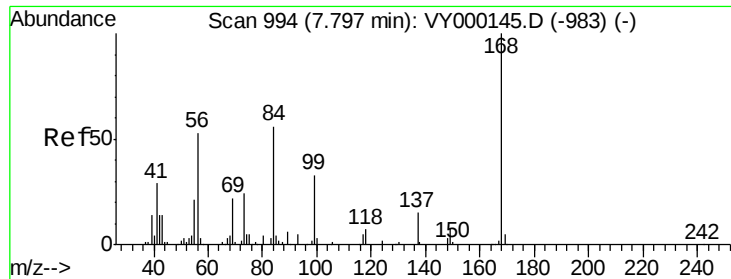
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	155171	50.964	ug/l	98
94) Hexachlorobutadiene	15.11	225	79912	53.793	ug/l	97
95) Naphthalene	15.23	128	346062	50.760	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	139770	51.185	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000148.D

Acq: 26 Sep 2019 12:57

Instrument :

MSVOA_Y

ClientSampleId :

ICVY092619

Tot Ion:168 Resp: 203774

Ion Ratio Lower Upper

168 100

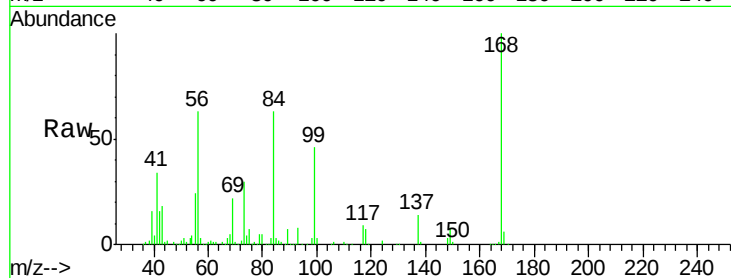
99 46.1 37.9 56.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY000145.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY000145.D (-983) (-)

7.79

100000

80000

60000

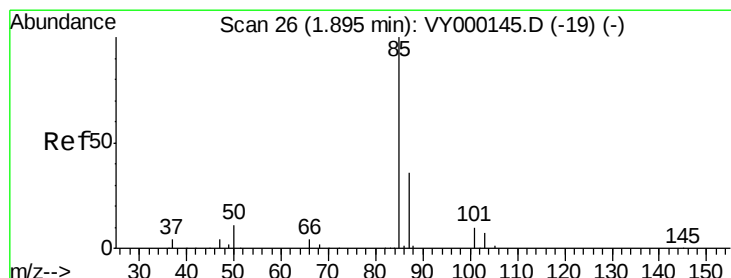
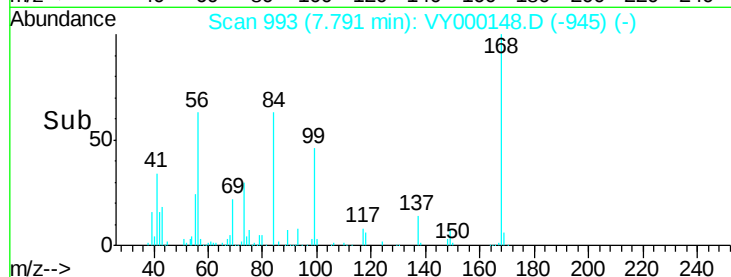
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 49.949 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.01 min

Lab File: VY000148.D

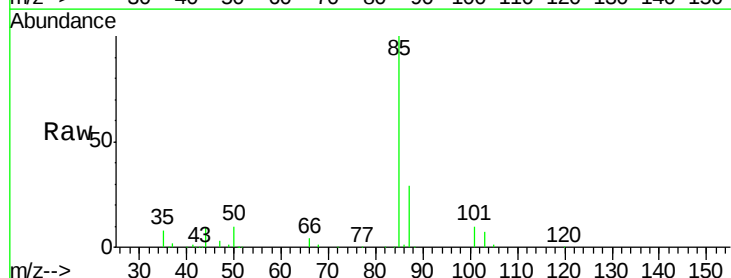
Acq: 26 Sep 2019 12:57

Tgt Ion: 85 Resp: 70354

Ion Ratio Lower Upper

85 100

87 29.2 17.9 53.8



Abundance Ion 84.90 (84.60 to 85.60): VY000145.D (-19) (-)

Ion 86.90 (86.60 to 87.60): VY000145.D (-19) (-)

1.90

50000

40000

30000

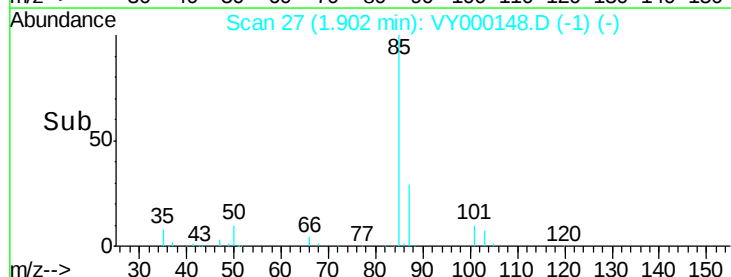
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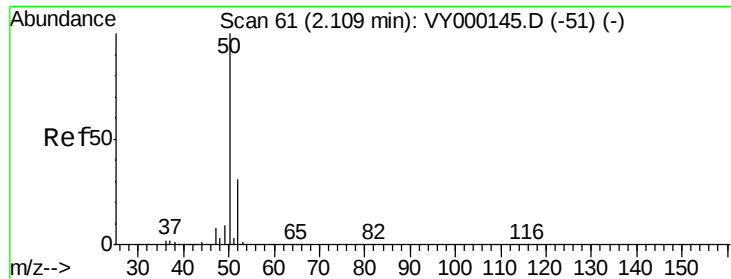
10000

0

1.80 1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 53.304 ug/l

RT: 2.11 min Scan# 61

Delta R.T. 0.00 min

Lab File: VY000148.D

Acq: 26 Sep 2019 12:57

Instrument :

MSVOA_Y

ClientSampleId :

ICVY092619

Tot Ion: 50 Resp: 110400

Ion Ratio Lower Upper

50 100

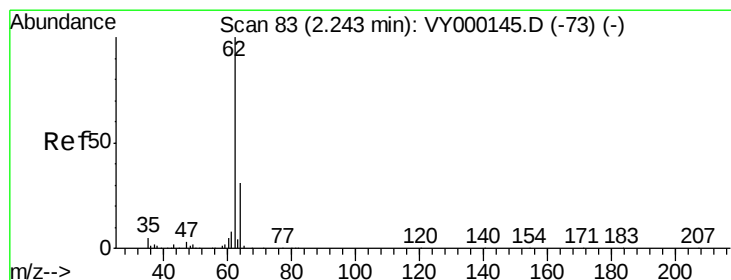
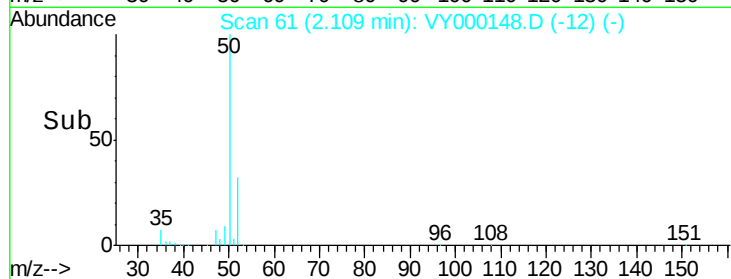
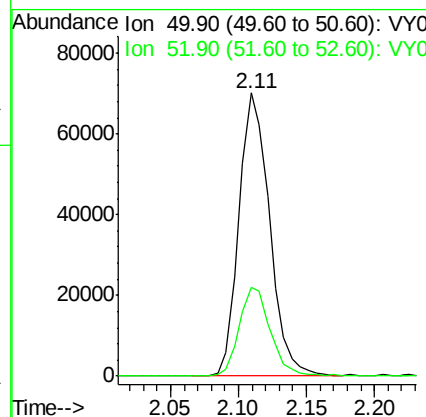
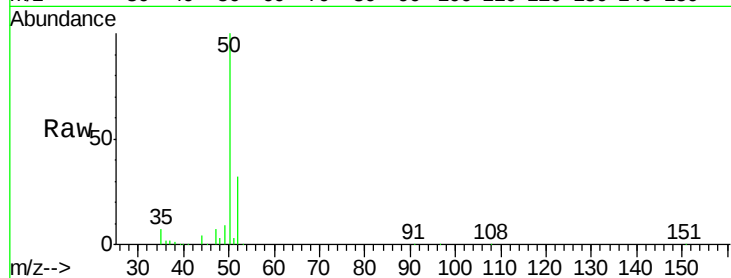
52 31.5 25.0 37.6

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#4

Vinyl Chloride

Concen: 47.872 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.01 min

Lab File: VY000148.D

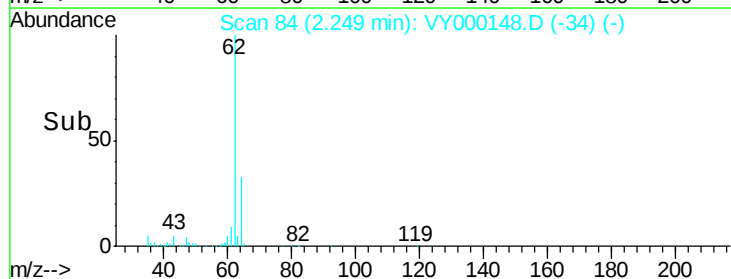
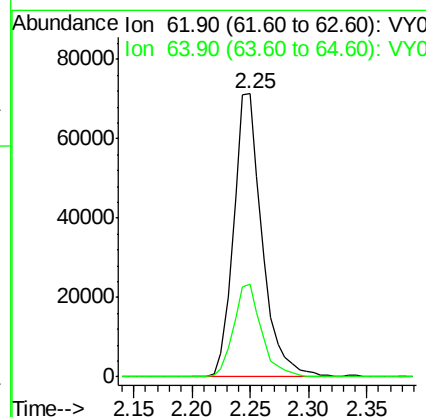
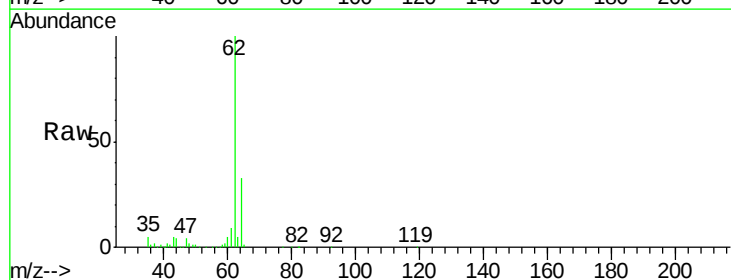
Acq: 26 Sep 2019 12:57

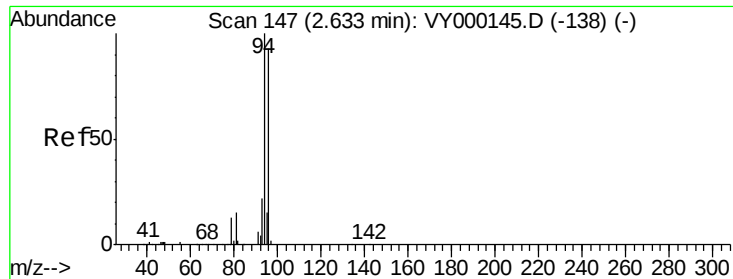
Tgt Ion: 62 Resp: 121572

Ion Ratio Lower Upper

62 100

64 32.7 24.5 36.7





#5

Bromomethane

Concen: 49.127 ug/l

RT: 2.64 min Scan# 148

Delta R.T. 0.01 min

Lab File: VY000148.D

Acq: 26 Sep 2019 12:57

Instrument :

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ClientSampleId :

ICVY092619

Tot Ion: 94 Resp: 84125

Ion Ratio Lower Upper

94 100

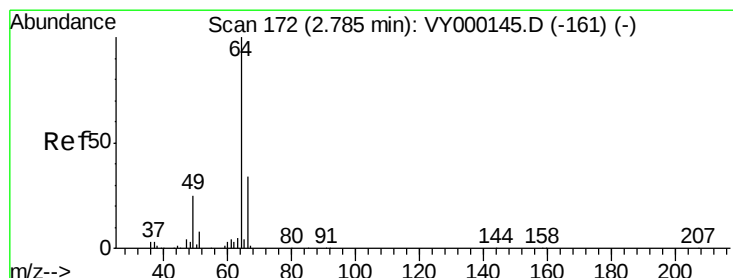
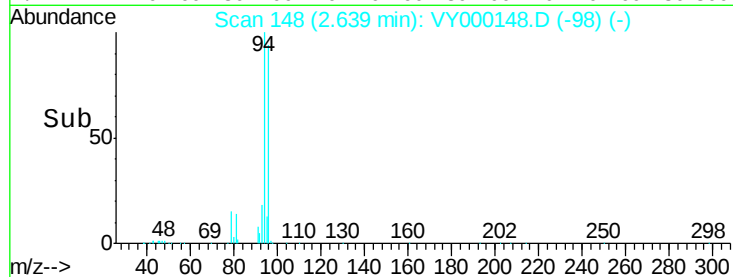
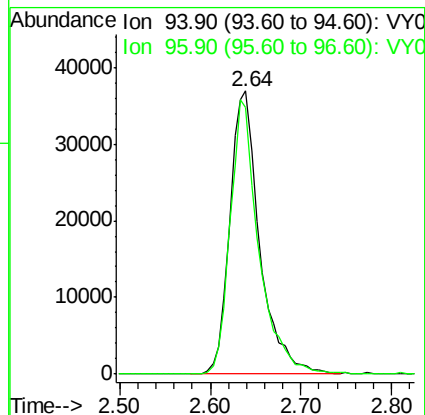
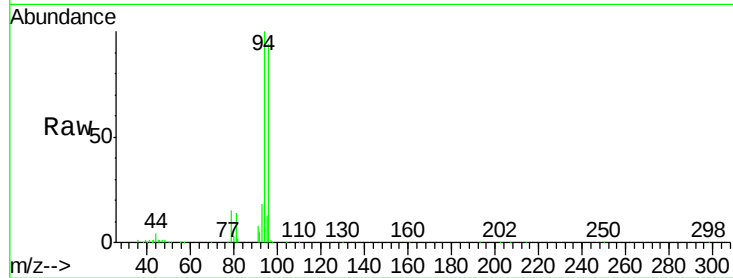
96 94.4 74.6 111.8

Manual Integrations

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#6

Chloroethane

Concen: 48.220 ug/l

RT: 2.79 min Scan# 172

Delta R.T. 0.00 min

Lab File: VY000148.D

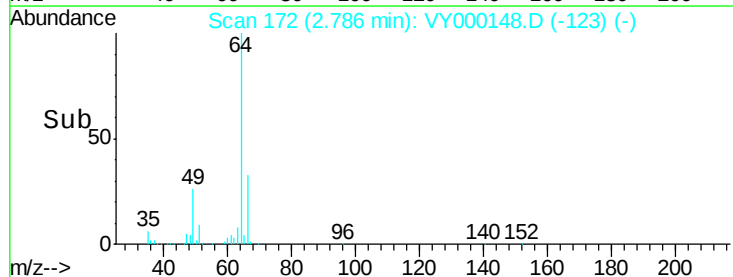
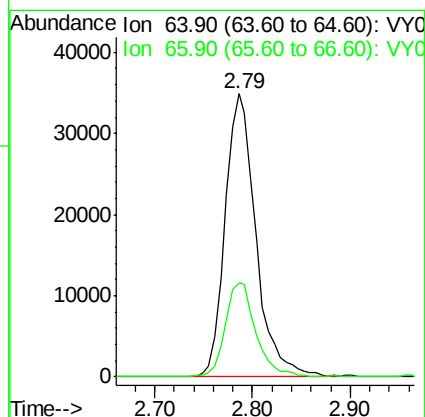
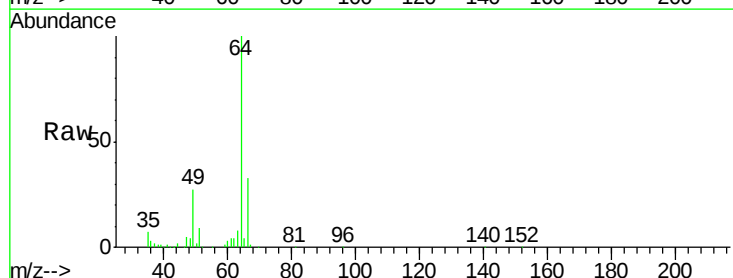
Acq: 26 Sep 2019 12:57

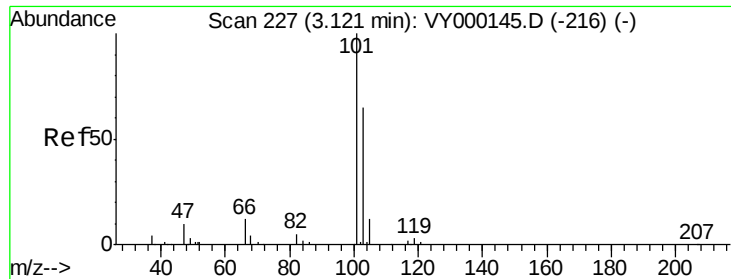
Tgt Ion: 64 Resp: 76019

Ion Ratio Lower Upper

64 100

66 33.3 27.4 41.0





#7

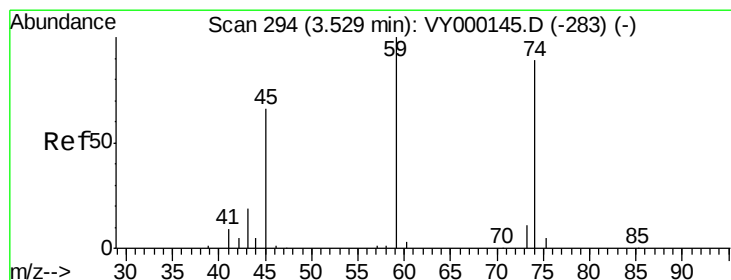
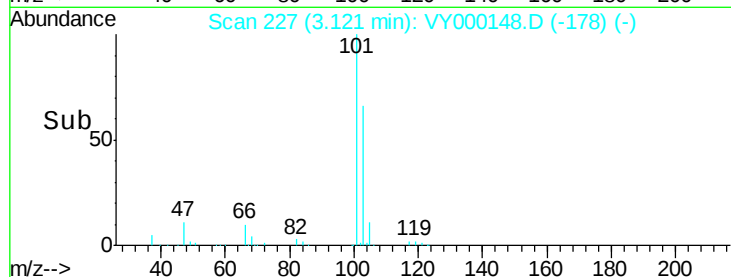
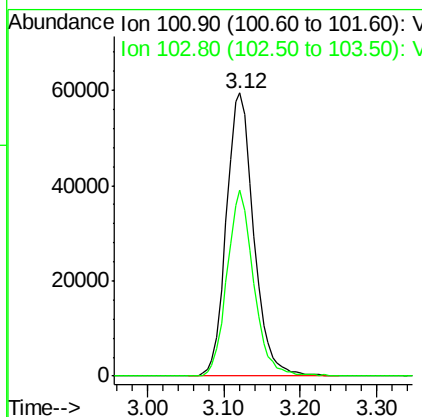
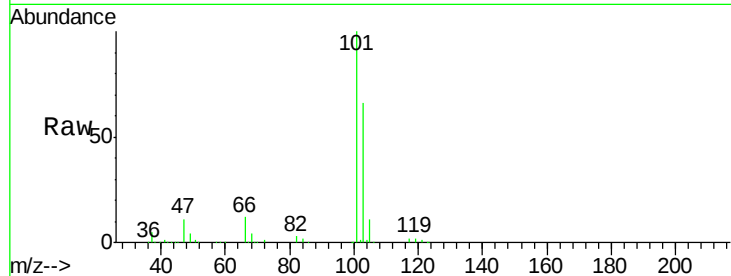
Trichlorofluoromethane
 Concen: 48.144 ug/l
 RT: 3.12 min Scan# 227
 Delta R.T. 0.00 min
 Lab File: VY000148.D
 Acq: 26 Sep 2019 12:57

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.9	51.9	77.9

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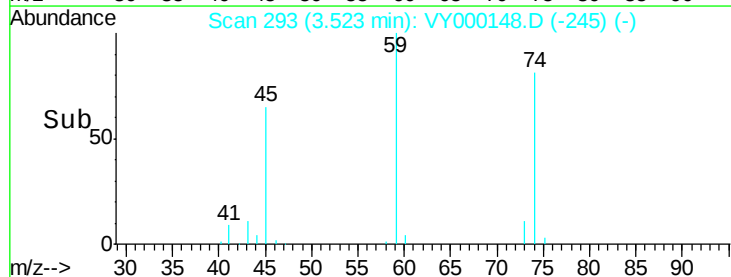
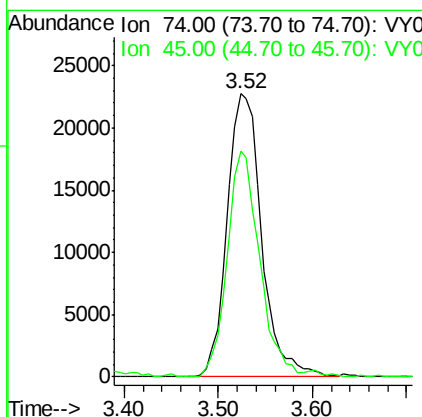
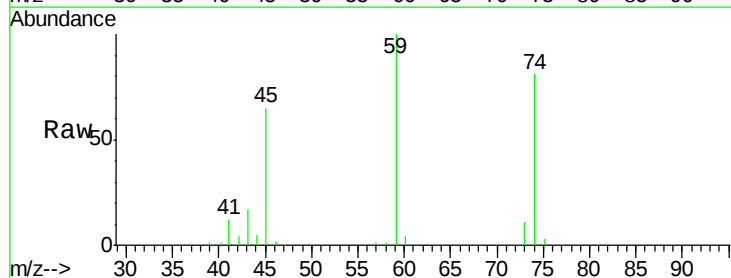
MMDadoda
 10/2/2019 9:13:10 AM

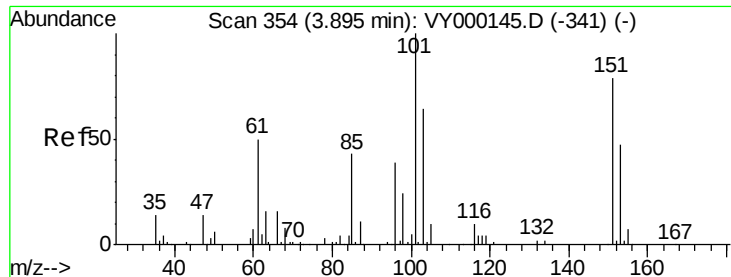


#8

Diethyl Ether
 Concen: 47.439 ug/l
 RT: 3.52 min Scan# 293
 Delta R.T. -0.01 min
 Lab File: VY000148.D
 Acq: 26 Sep 2019 12:57

Tgt Ion	Ratio	Lower	Upper
74	100		
45	74.7	37.7	113.1





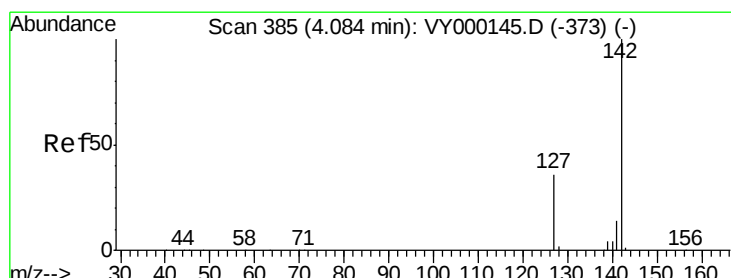
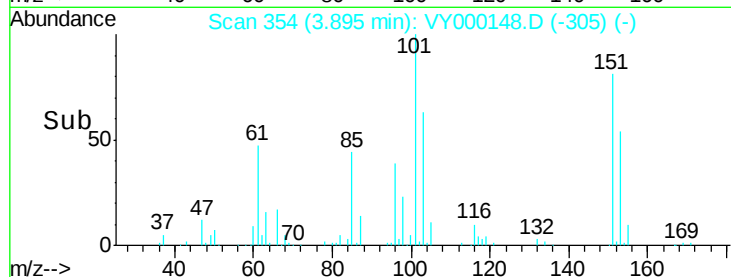
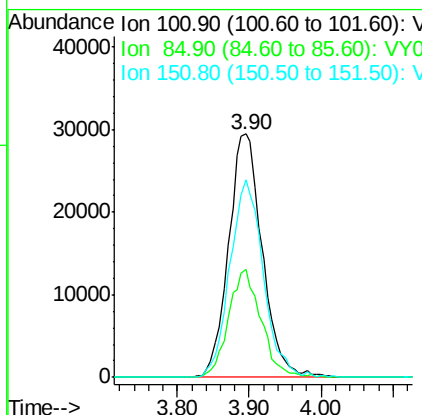
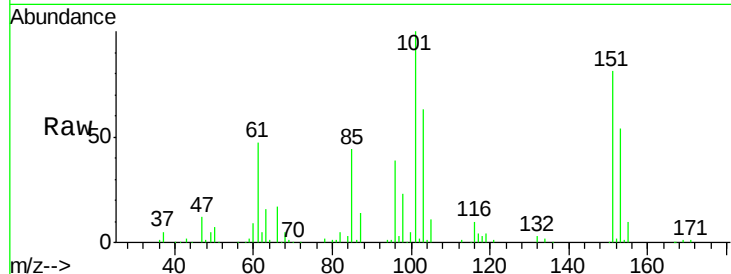
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 47.869 ug/l
 RT: 3.90 min Scan# 354
 Delta R.T. 0.00 min
 Lab File: VY000148.D
 Acq: 26 Sep 2019 12:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY092619

Tot Ion	Ratio	Resp	Lower	Upper
101	100	95647		
85	42.7		34.8	52.2
151	80.5		64.0	96.0

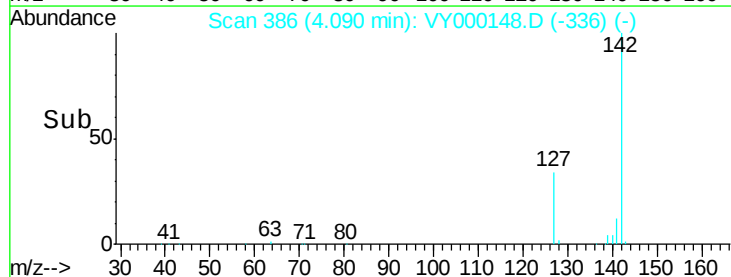
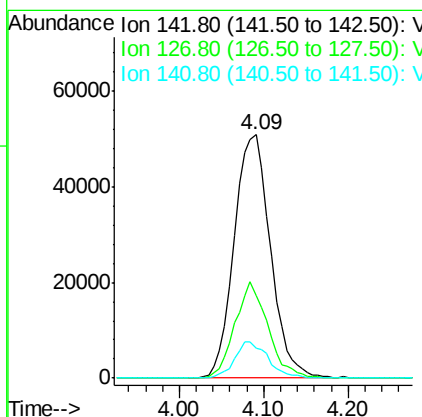
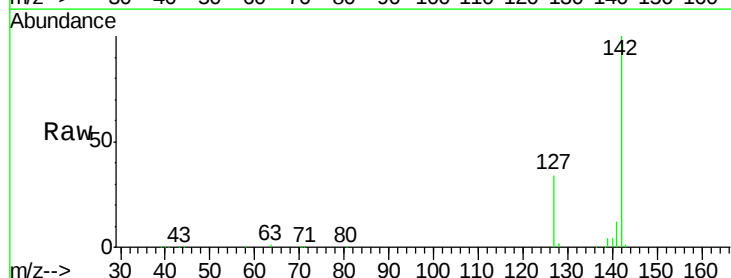
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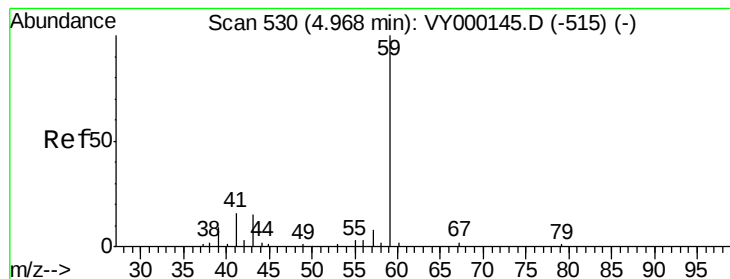
MMDadoda
 10/2/2019 9:13:10 AM



#10
 Methyl Iodide
 Concen: 48.179 ug/l
 RT: 4.09 min Scan# 386
 Delta R.T. 0.01 min
 Lab File: VY000148.D
 Acq: 26 Sep 2019 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	148428		
127	35.9		30.0	45.0
141	13.6		11.0	16.6





#11

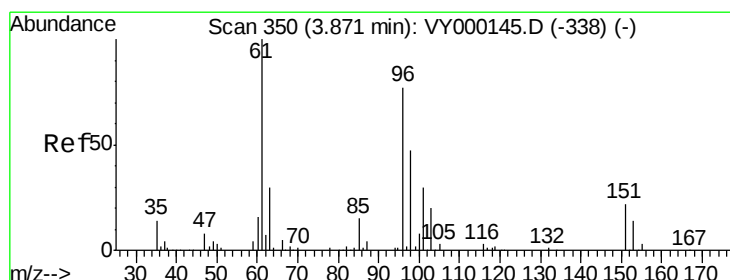
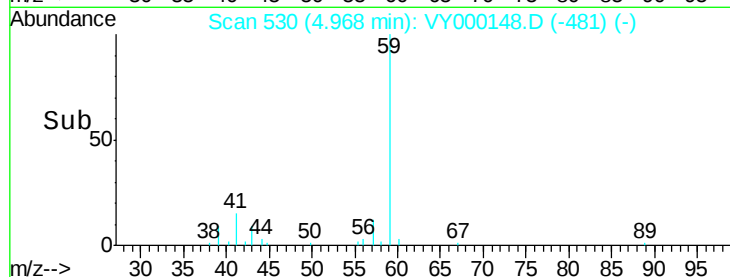
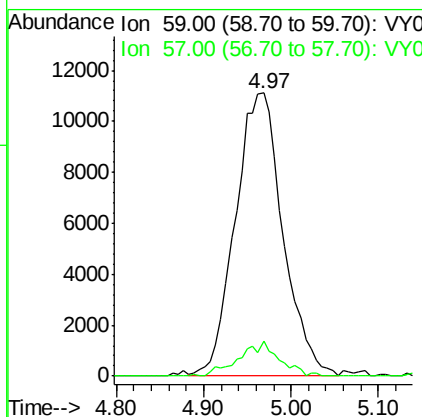
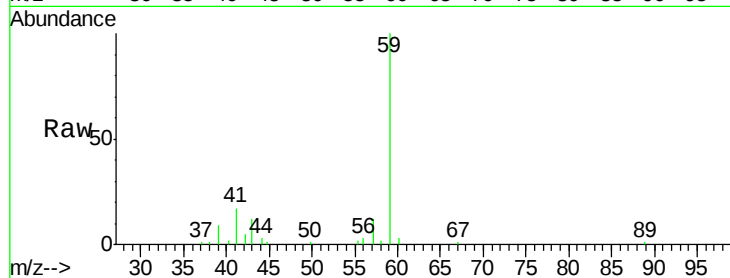
Tert butyl alcohol
Concen: 236.043 ug/l
RT: 4.97 min Scan# 530
Delta R.T. 0.00 min
Lab File: VY000148.D
Acq: 26 Sep 2019 12:57

Instrument :
MSVOA_Y
ClientSampleId :
ICVY092619

Tot Ion	Ratio	Lower	Upper
59	100		
57	5.4	8.9	13.3#

Manual Integrations
APPROVED

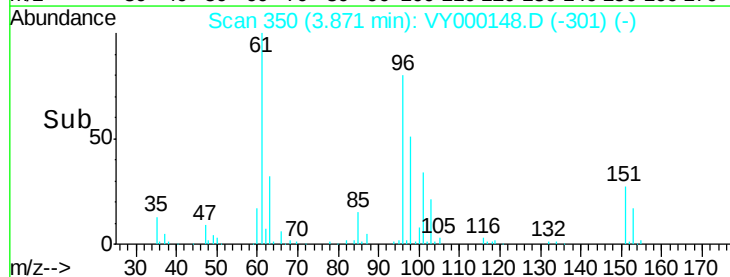
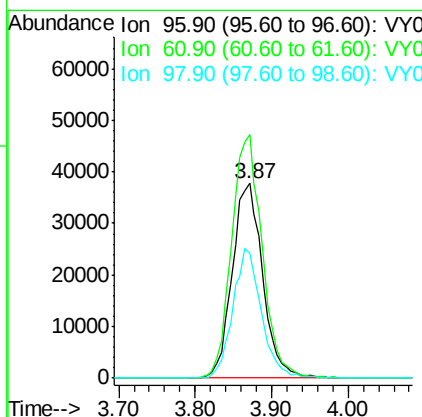
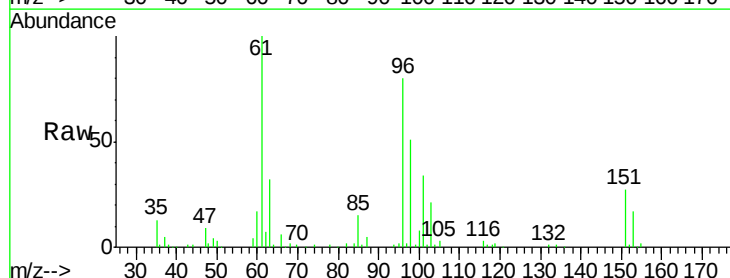
MMDadoda
10/2/2019 9:13:10 AM

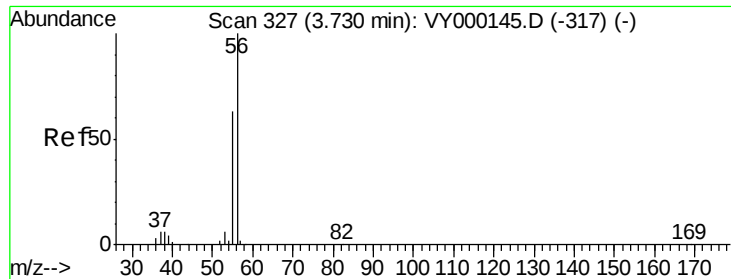


#12

1,1-Dichloroethene
Concen: 49.563 ug/l
RT: 3.87 min Scan# 350
Delta R.T. 0.00 min
Lab File: VY000148.D
Acq: 26 Sep 2019 12:57

Tgt Ion	Ratio	Lower	Upper
96	100		
61	125.0	103.6	155.4
98	64.1	48.7	73.1





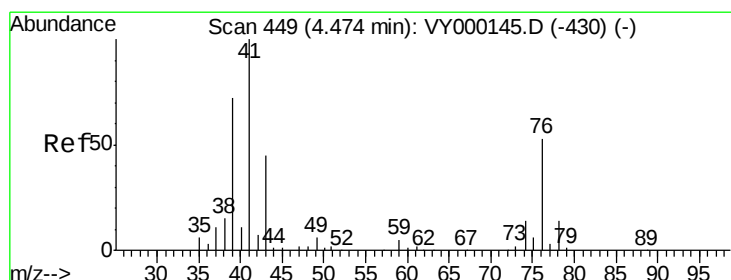
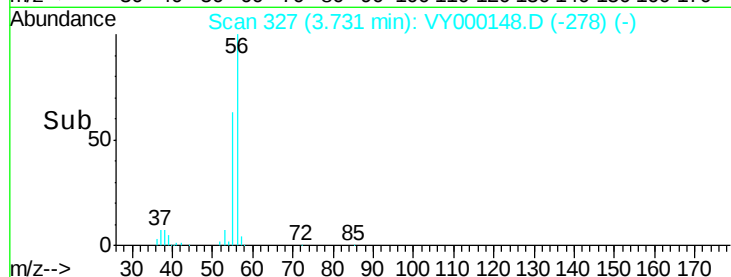
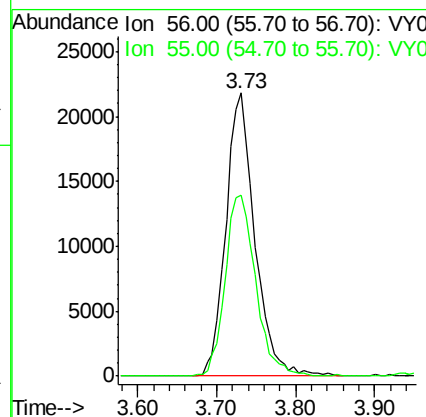
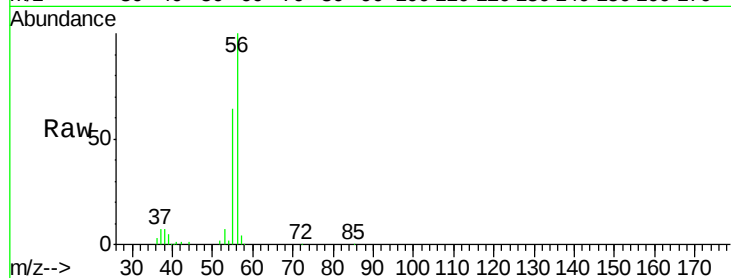
#13
Acrolein
Concen: 251.796 ug/l
RT: 3.73 min Scan# 327
Delta R.T. 0.00 min
Lab File: VY000148.D
Acq: 26 Sep 2019 12:57

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY092619

Tot Ion	Ratio	Lower	Upper
56	100		
55	67.5	53.1	79.7

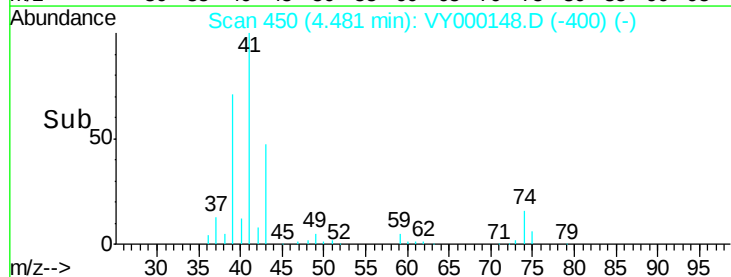
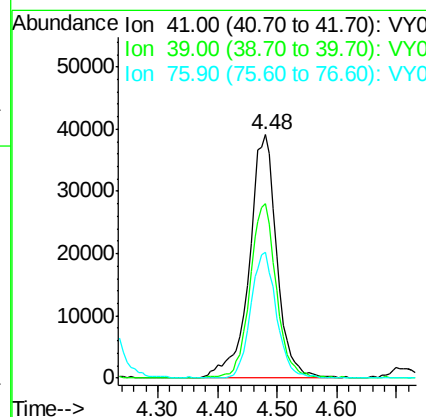
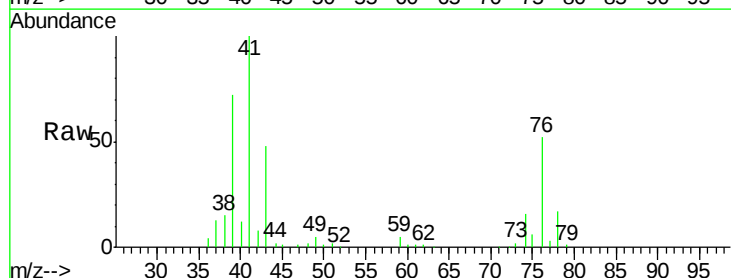
Manual Integrations
APPROVED

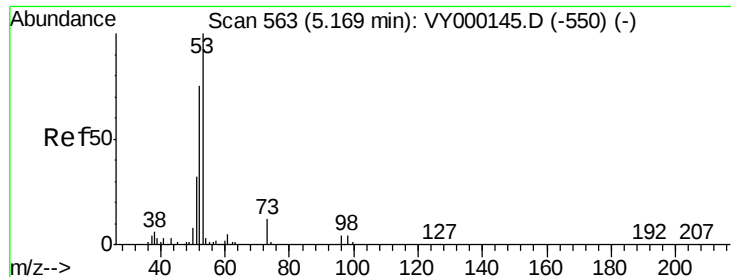
MMDadoda
10/2/2019 9:13:10 AM



#14
Allyl chloride
Concen: 47.437 ug/l
RT: 4.48 min Scan# 450
Delta R.T. 0.01 min
Lab File: VY000148.D
Acq: 26 Sep 2019 12:57

Tgt Ion	Ratio	Lower	Upper
41	100		
39	69.7	54.6	82.0
76	48.8	39.0	58.6





#15

Acrylonitrile

Concen: 239.368 ug/l

RT: 5.16 min Scan# 562

Delta R.T. -0.01 min

Lab File: VY000148.D

Acq: 26 Sep 2019 12:57

Instrument :

MSVOA_Y

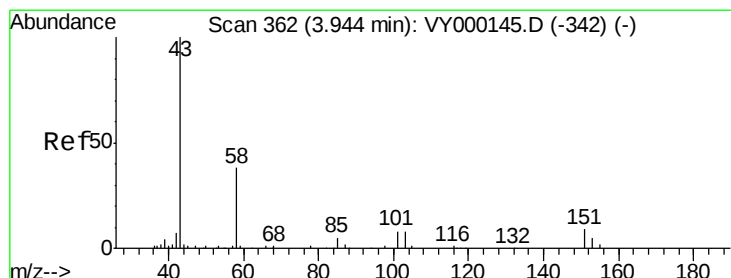
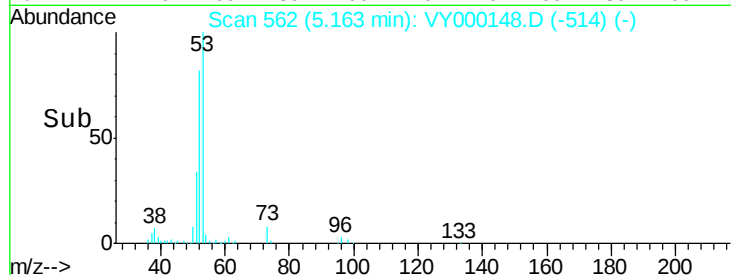
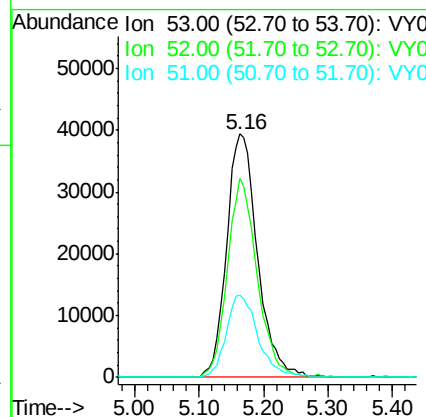
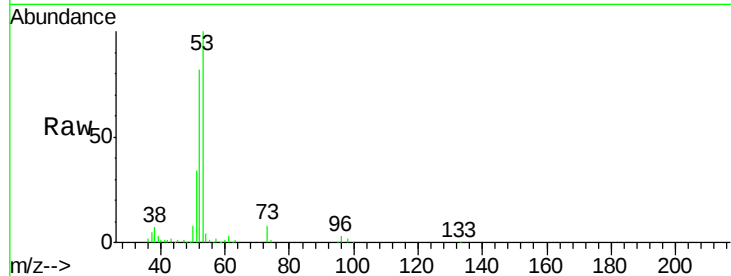
ClientSampleId :

ICVVY092619

Tot Ion:	53	Resp:	132854
Ion	Ratio	Lower	Upper
53	100		
52	78.5	62.9	94.3
51	35.0	27.5	41.3

Manual Integrations
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MMDadoda
10/2/2019 9:13:10 AM



#16

Acetone

Concen: 234.399 ug/l

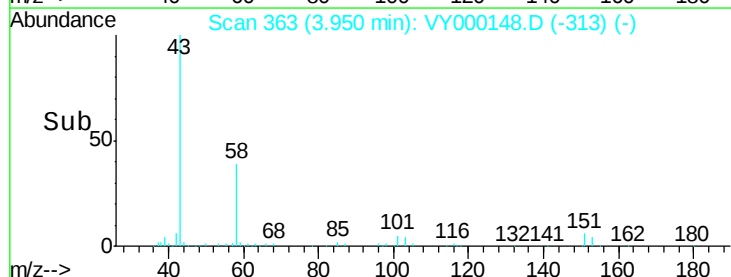
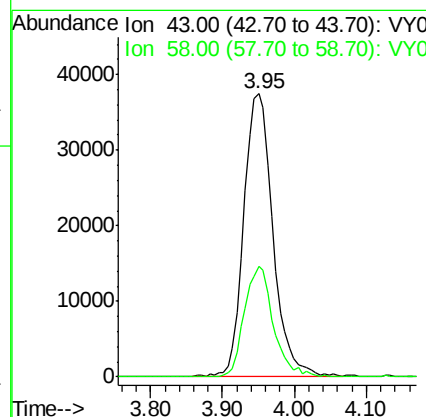
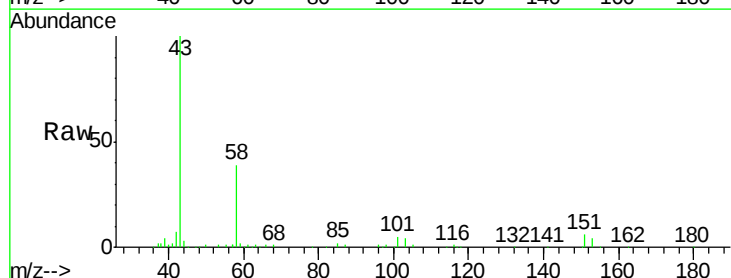
RT: 3.95 min Scan# 363

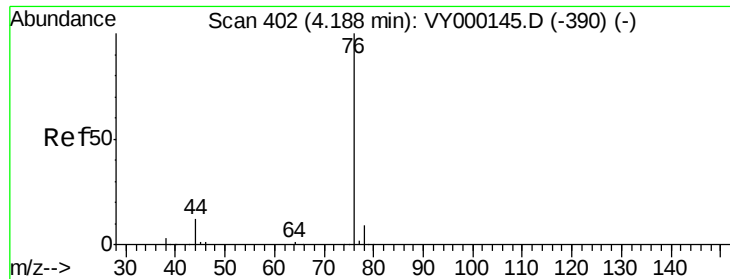
Delta R.T. 0.01 min

Lab File: VY000148.D

Acq: 26 Sep 2019 12:57

Tgt Ion:	43	Resp:	106108
Ion	Ratio	Lower	Upper
43	100		
58	38.9	30.4	45.6





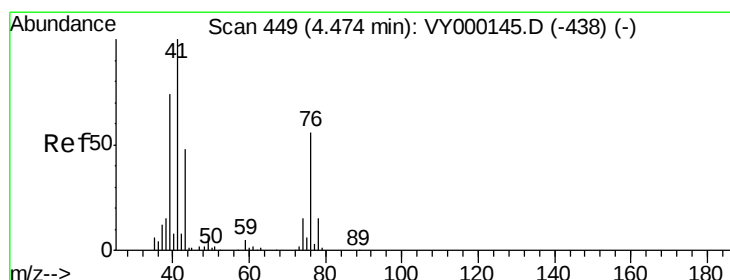
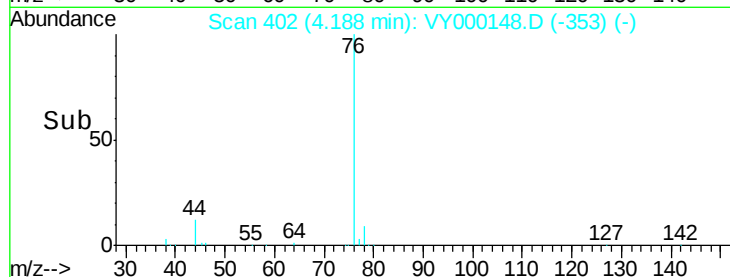
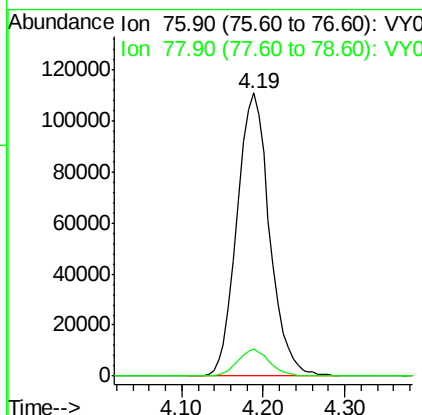
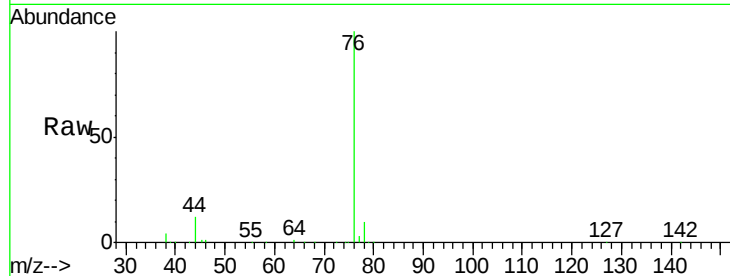
#17
Carbon Disulfide
Concen: 47.307 ug/l
RT: 4.19 min Scan# 402
Delta R.T. 0.00 min
Lab File: VY000148.D
Acq: 26 Sep 2019 12:57

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY092619

Tot Ion: 76 Resp: 307483
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.4

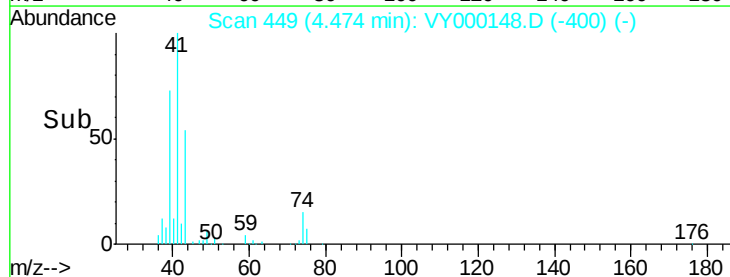
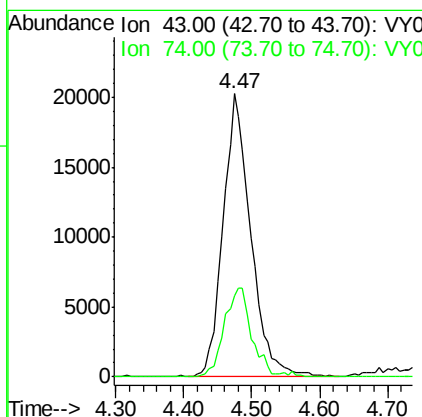
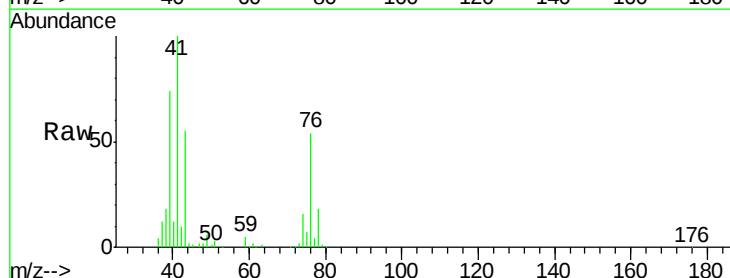
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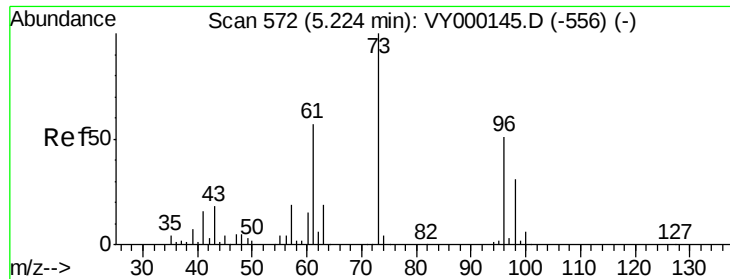
MMDadoda
10/2/2019 9:13:10 AM



#18
Methyl Acetate
Concen: 44.318 ug/l
RT: 4.47 min Scan# 449
Delta R.T. 0.00 min
Lab File: VY000148.D
Acq: 26 Sep 2019 12:57

Tgt Ion: 43 Resp: 57354
Ion Ratio Lower Upper
43 100
74 30.7 25.6 38.4





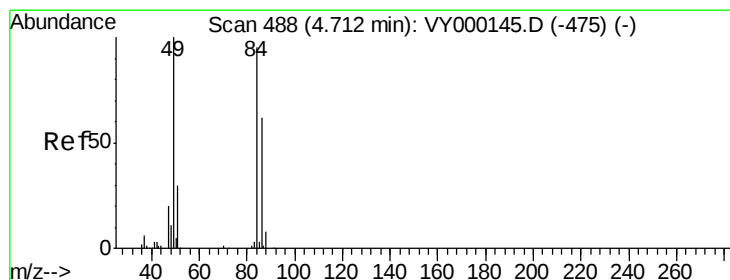
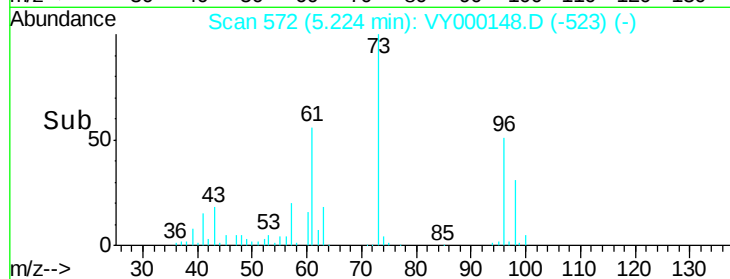
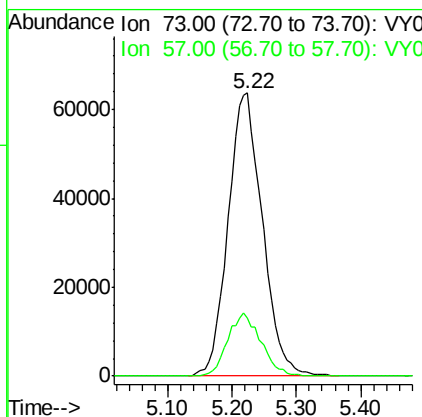
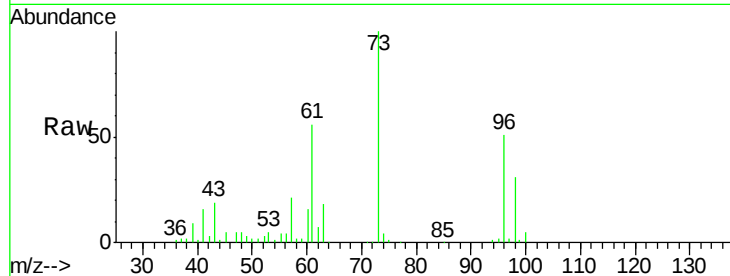
#19
Methvl tert-butvl Ether
Concen: 47.506 ug/l
RT: 5.22 min Scan# 572
Delta R.T. 0.00 min
Lab File: VY000148.D
Acq: 26 Sep 2019 12:57

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY092619

Tot Ion	73	Resp	235659
Ion Ratio	100	Lower	Upper
57	20.7	15.5	23.3

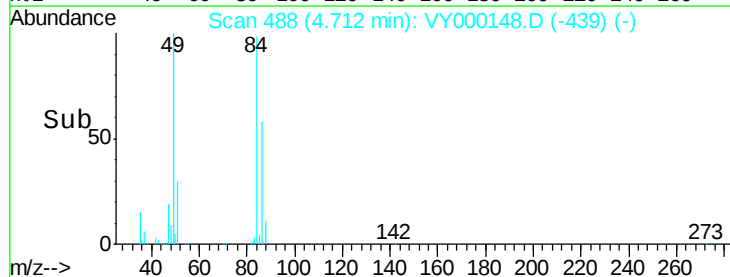
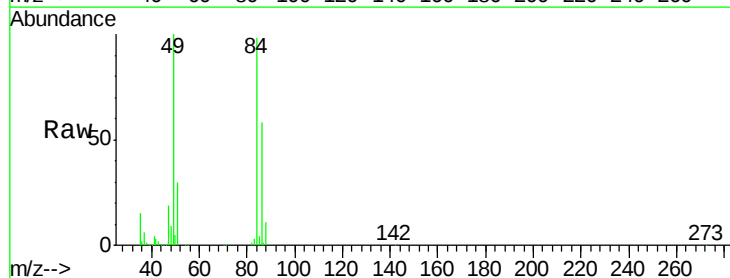
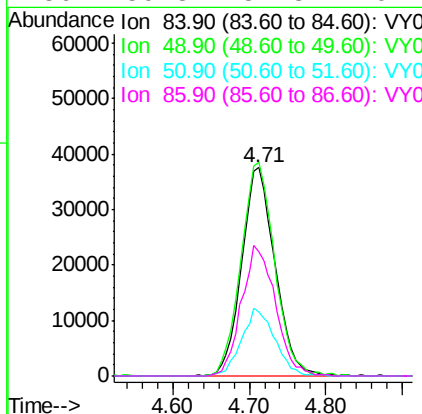
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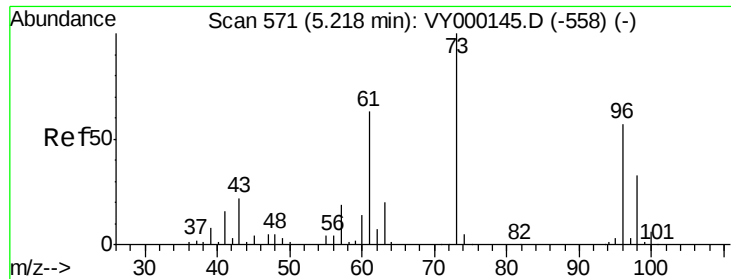
MMDadoda
10/2/2019 9:13:10 AM



#20
Methylene Chloride
Concen: 52.235 ug/l
RT: 4.71 min Scan# 488
Delta R.T. 0.00 min
Lab File: VY000148.D
Acq: 26 Sep 2019 12:57

Tgt Ion	84	Resp	114314
Ion Ratio	100	Lower	Upper
49	102.5	84.6	126.8
51	30.8	25.4	38.2
86	59.8	52.8	79.2





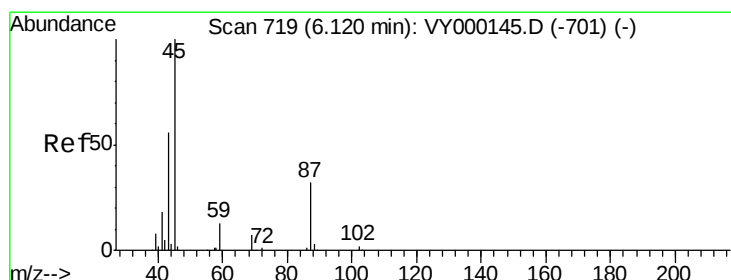
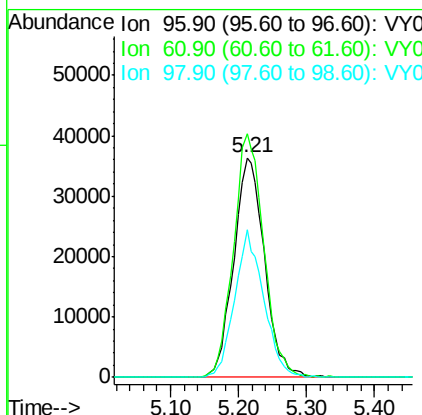
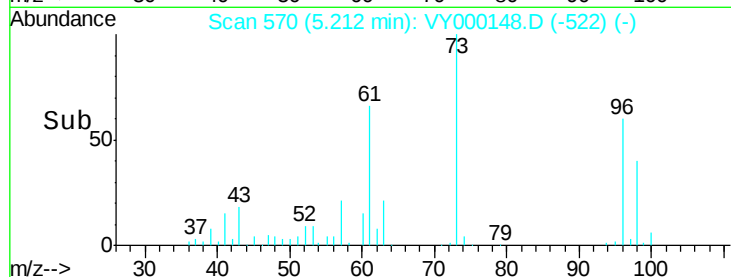
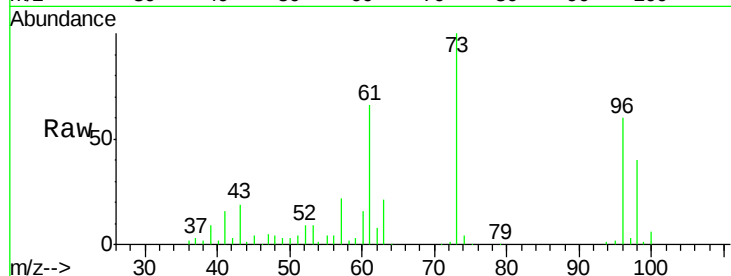
#21
trans-1,2-Dichloroethene
Concen: 48.699 ug/l
RT: 5.21 min Scan# 570
Delta R.T. -0.01 min
Lab File: VY000148.D
Acq: 26 Sep 2019 12:57

Instrument :
MSVOA_Y
ClientSampleId :
ICVY092619

Tot Ion	Ratio	Resp	Lower	Upper
96	100	113693		
61	111.0	88.0	132.0	
98	67.3	45.6	68.4	

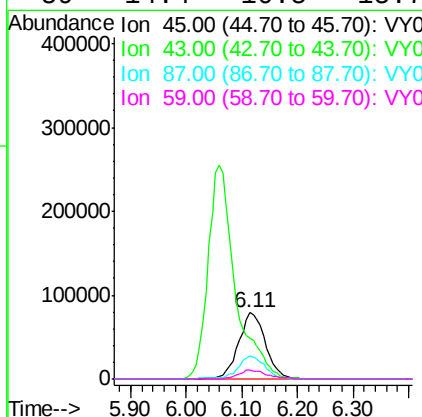
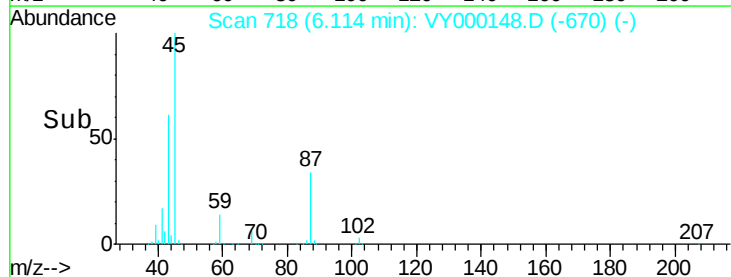
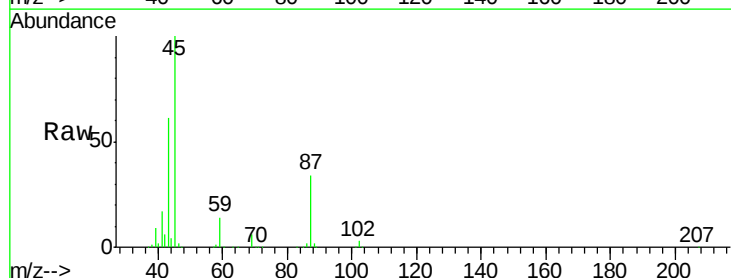
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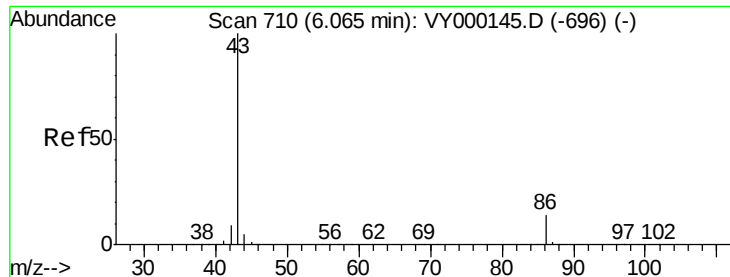
MMDadoda
10/2/2019 9:13:10 AM



#22
Diisopropyl ether
Concen: 48.255 ug/l
RT: 6.11 min Scan# 718
Delta R.T. -0.01 min
Lab File: VY000148.D
Acq: 26 Sep 2019 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	265906		
43	61.3	48.4	72.6	
87	34.3	26.6	39.8	
59	14.4	10.5	15.7	





#23

Vinyl Acetate

Concen: 251.592 ug/l

RT: 6.06 min Scan# 709

Delta R.T. -0.01 min

Lab File: VY000148.D

Acq: 26 Sep 2019 12:57

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY092619

Tot Ion: 43 Resp: 868862

Ion Ratio Lower Upper

43 100

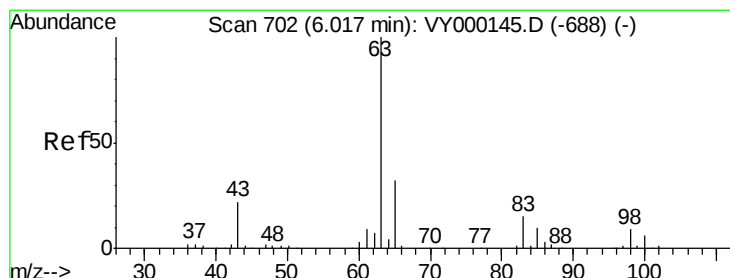
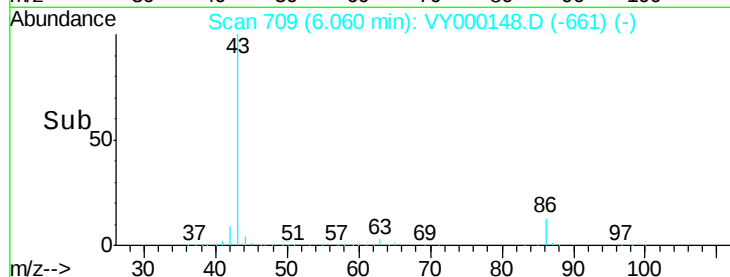
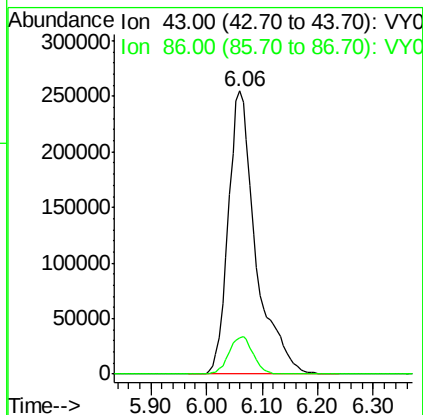
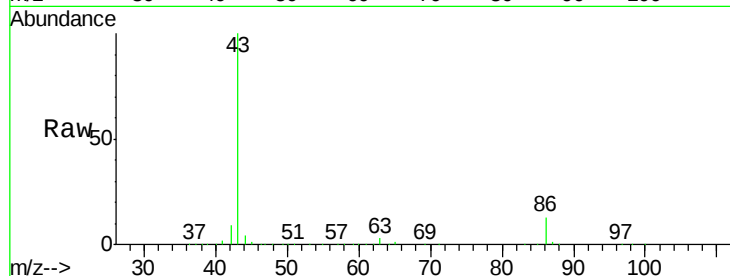
86 13.1 11.1 16.7

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 48.513 ug/l

RT: 6.02 min Scan# 702

Delta R.T. 0.00 min

Lab File: VY000148.D

Acq: 26 Sep 2019 12:57

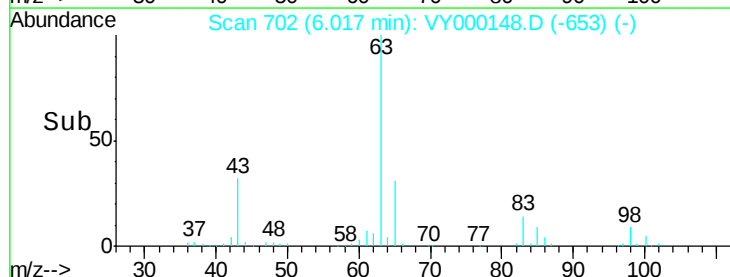
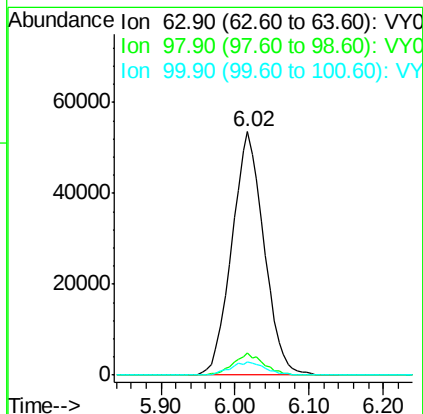
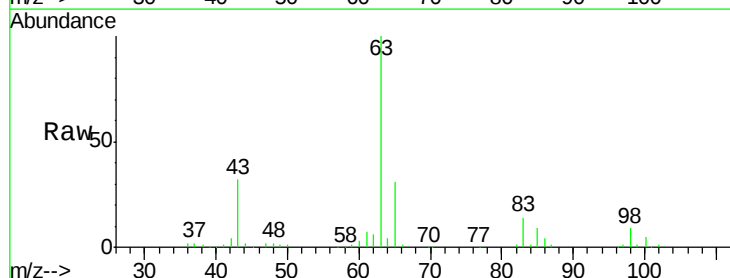
Tgt Ion: 63 Resp: 161832

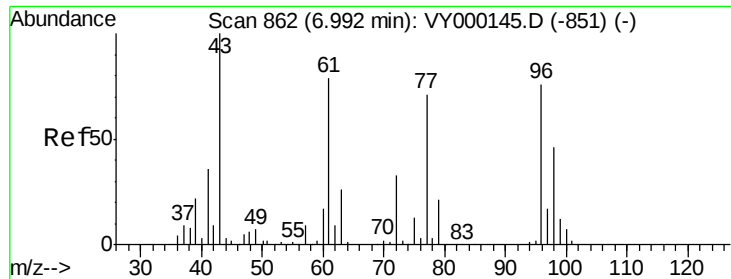
Ion Ratio Lower Upper

63 100

98 9.1 4.6 13.8

100 5.2 2.8 8.4





#25

2-Butanone

Concen: 250.735 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY000148.D

Acq: 26 Sep 2019 12:57

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY092619

Tot Ion: 43 Resp: 171782

Ion Ratio Lower Upper

43 100

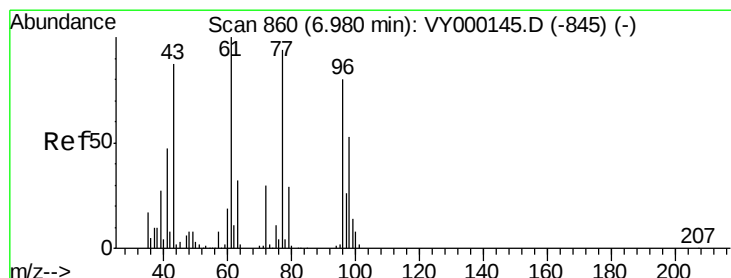
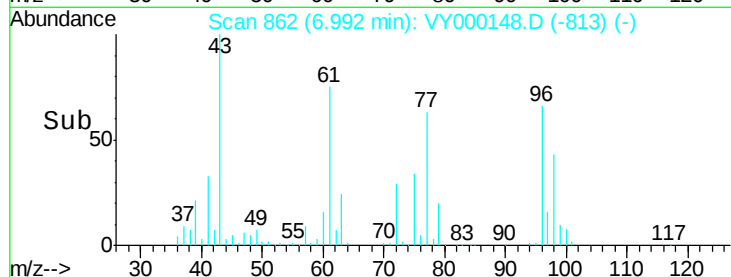
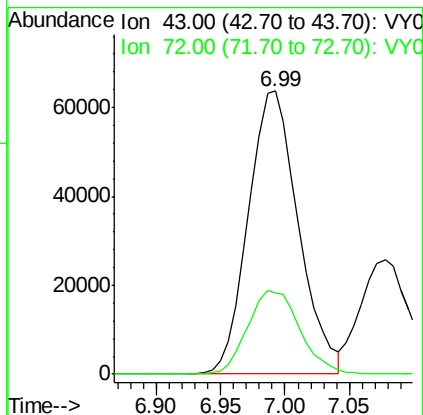
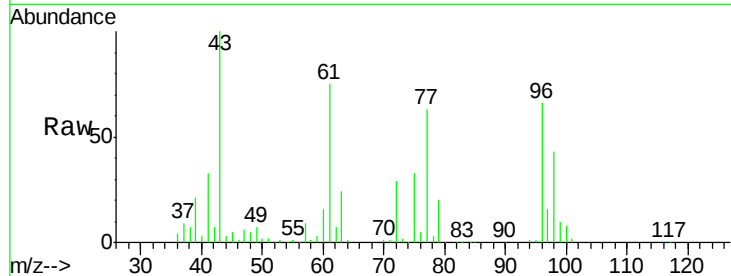
72 28.8 26.8 40.2

Manual Integrations

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MMDadoda

10/2/2019 9:13:10 AM



#26

2,2-Dichloropropane

Concen: 49.245 ug/l

RT: 6.98 min Scan# 860

Delta R.T. 0.00 min

Lab File: VY000148.D

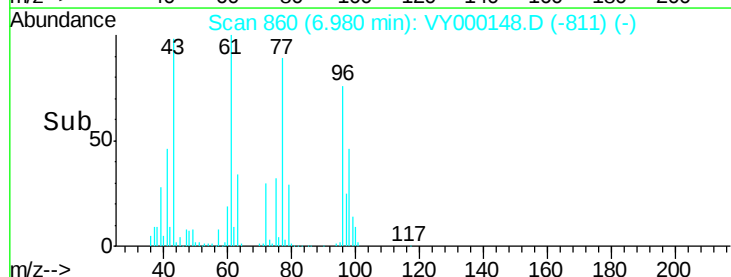
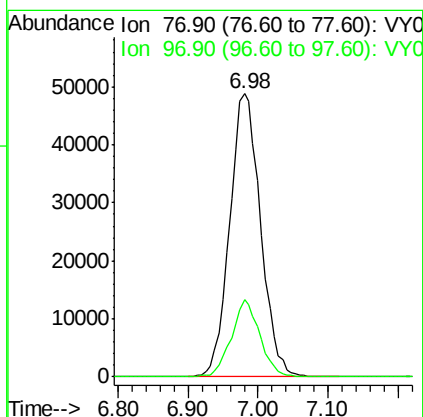
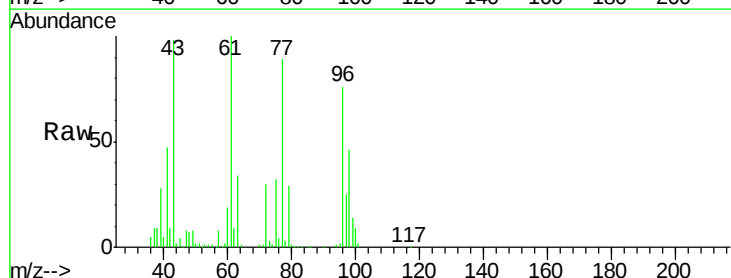
Acq: 26 Sep 2019 12:57

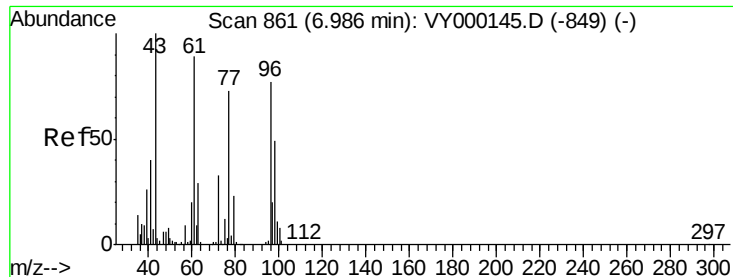
Tgt Ion: 77 Resp: 149370

Ion Ratio Lower Upper

77 100

97 25.0 13.0 38.9





#27

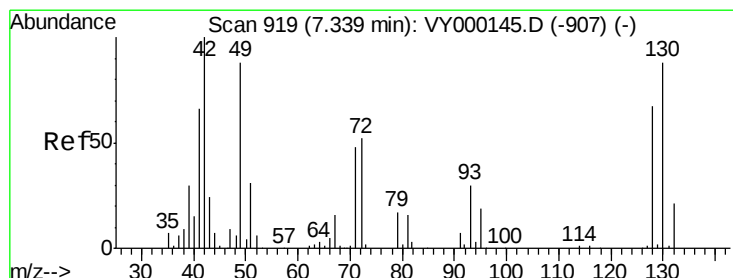
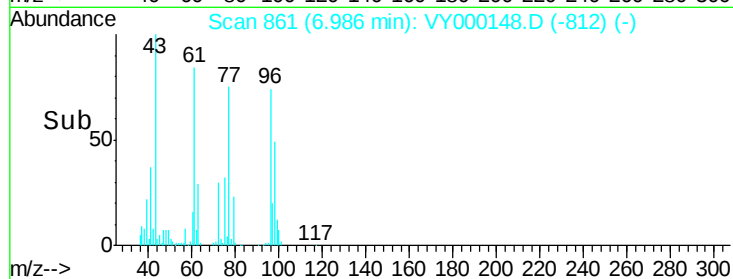
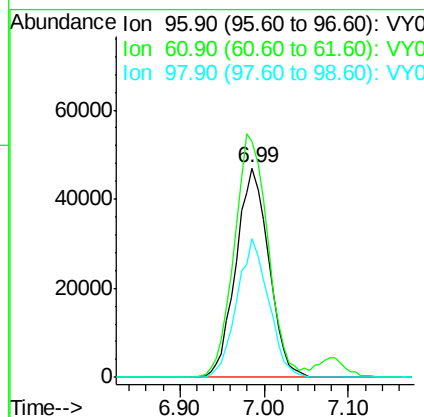
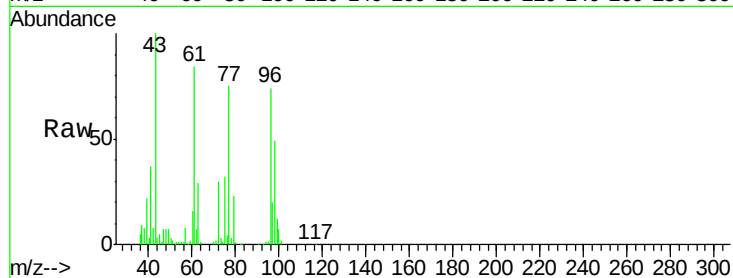
cis-1,2-Dichloroethene
Concen: 47.794 ug/l
RT: 6.99 min Scan# 861
Delta R.T. 0.00 min
Lab File: VY000148.D
Acq: 26 Sep 2019 12:57

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY092619

Tot Ion	Ratio	Lower	Upper
96	100		
61	119.0	0.0	232.8
98	64.1	0.0	128.8

Manual Integrations
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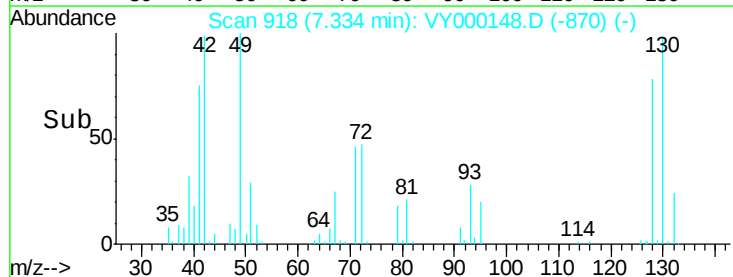
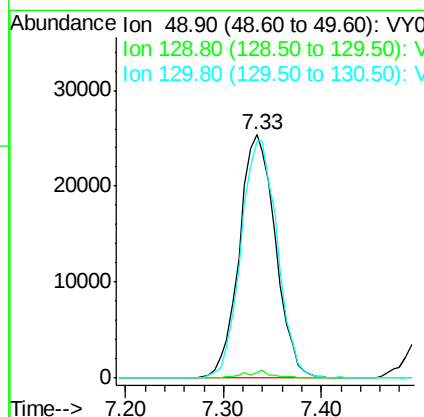
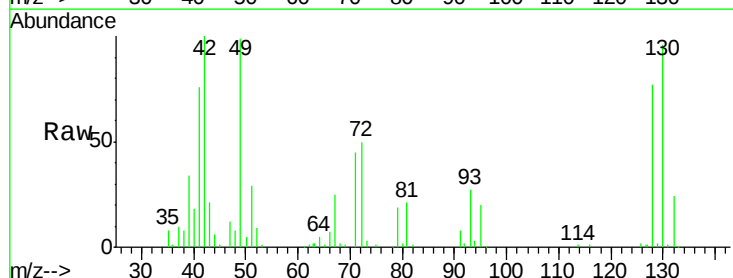
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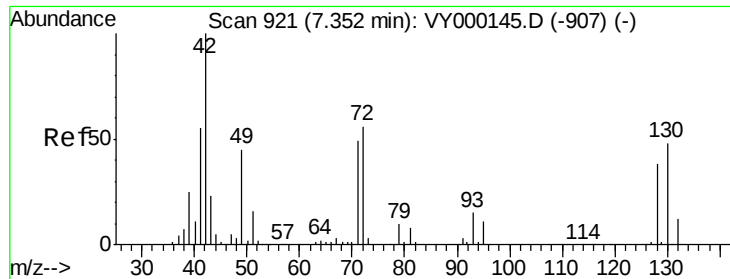


#28

Bromochloromethane
Concen: 51.175 ug/l
RT: 7.33 min Scan# 918
Delta R.T. -0.01 min
Lab File: VY000148.D
Acq: 26 Sep 2019 12:57

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	98.5	79.5	119.3





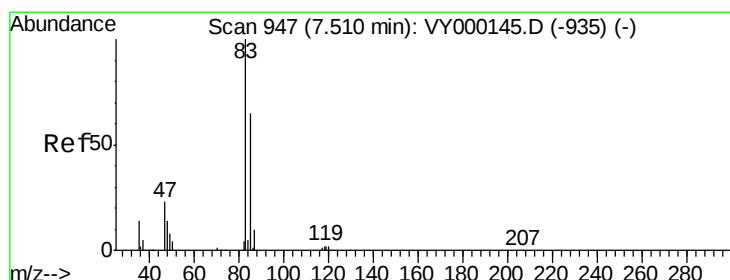
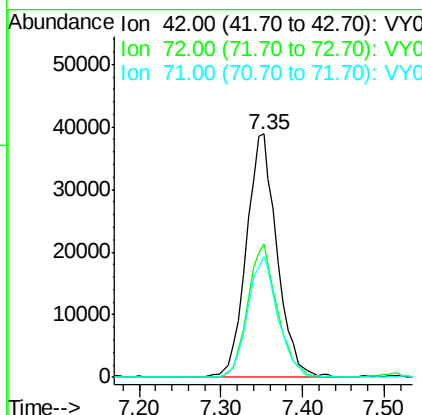
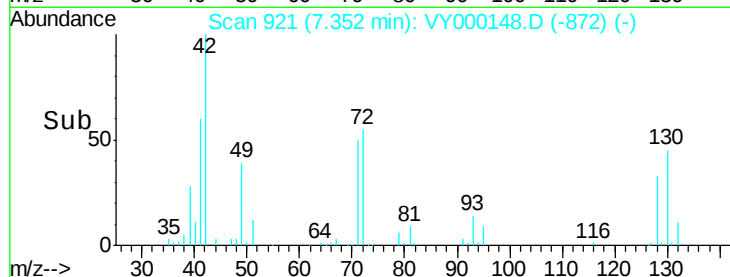
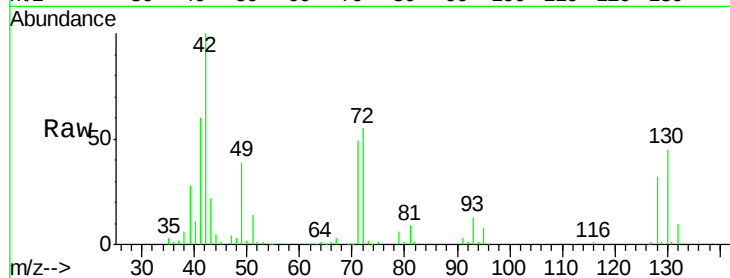
#29
Tetrahydrofuran
Concen: 240.909 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY000148.D
Acq: 26 Sep 2019 12:57

Instrument :
MSVOA_Y
ClientSampleId :
ICVY092619

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.8	43.1	64.7
71	49.0	39.4	59.2

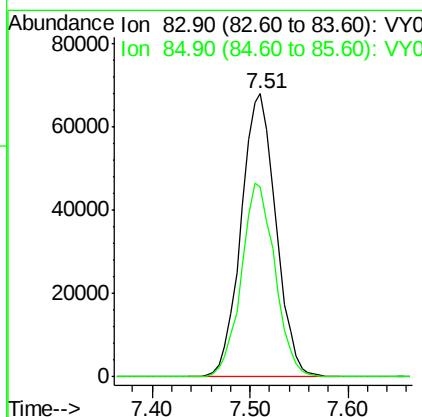
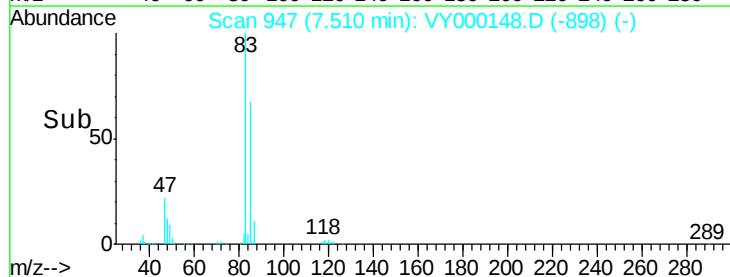
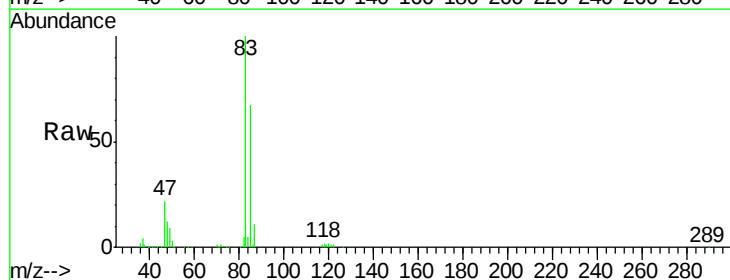
Manual Integrations
APPROVED

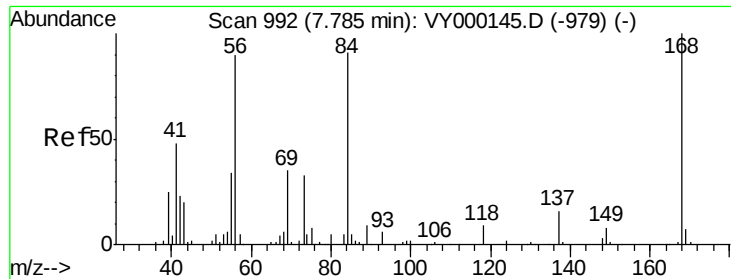
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#30
Chloroform
Concen: 47.866 ug/l
RT: 7.51 min Scan# 947
Delta R.T. 0.00 min
Lab File: VY000148.D
Acq: 26 Sep 2019 12:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.3	52.4	78.6





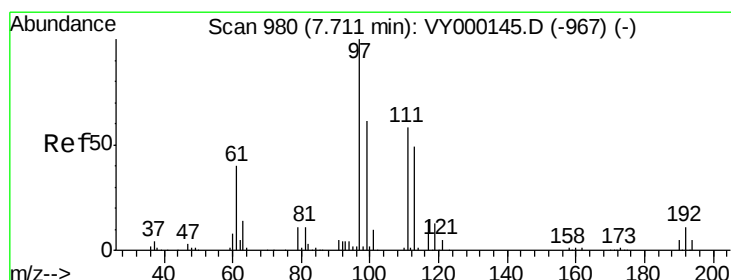
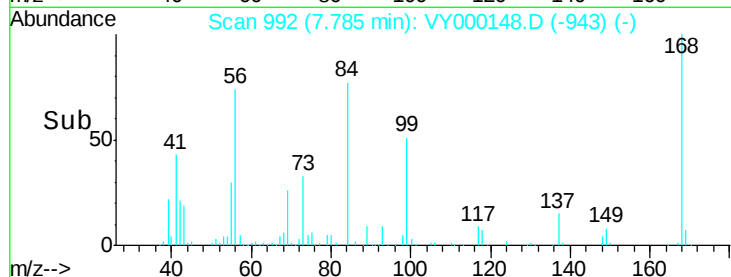
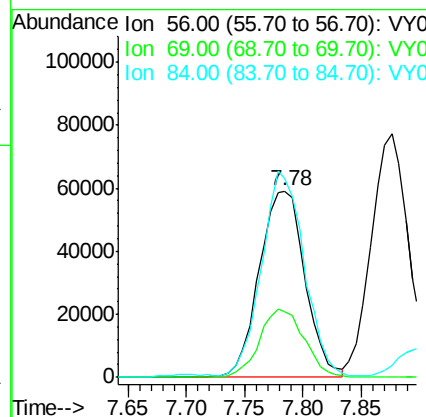
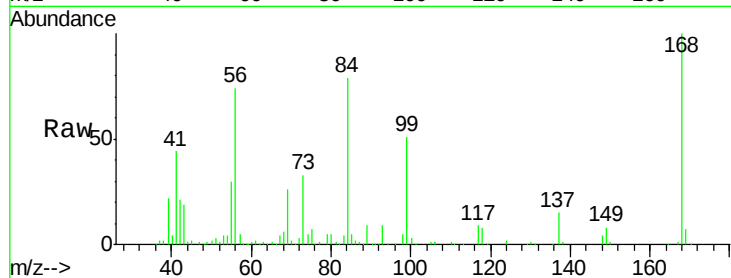
#31
Cyclohexane
Concen: 46.536 ug/l
RT: 7.78 min Scan# 992
Delta R.T. 0.00 min
Lab File: VY000148.D
Acq: 26 Sep 2019 12:57

Instrument :
MSVOA_Y
ClientSampleId :
ICVY092619

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.6	31.1	46.7
84	105.6	80.5	120.7

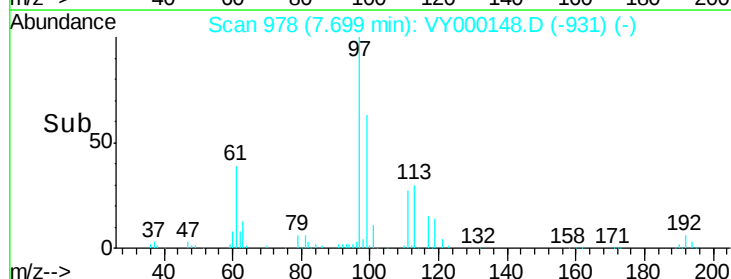
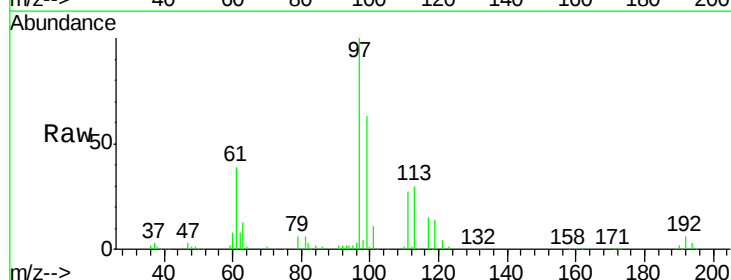
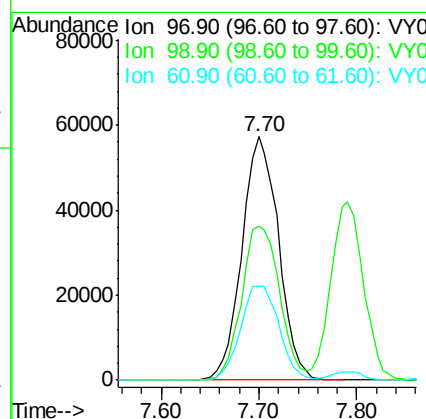
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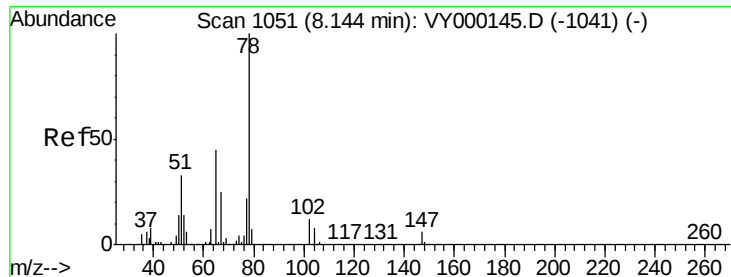
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 48.641 ug/l
RT: 7.70 min Scan# 978
Delta R.T. -0.01 min
Lab File: VY000148.D
Acq: 26 Sep 2019 12:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.7	50.5	75.7
61	40.7	32.9	49.3





#33

1,2-Dichloroethane-d4

Concen: 50.874 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VY000148.D

Acq: 26 Sep 2019 12:57

Instrument :

MSVOA_Y

ClientSampleId :

ICVY092619

Tot Ion: 65 Resp: 90787

Ion Ratio Lower Upper

65 100

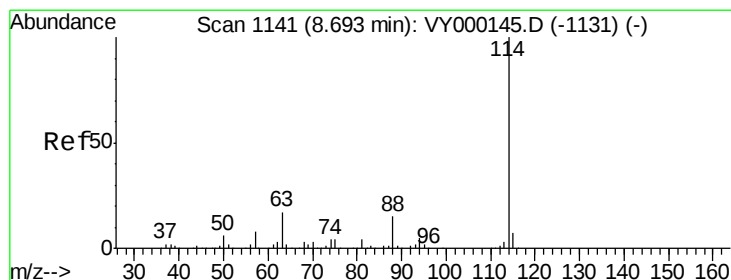
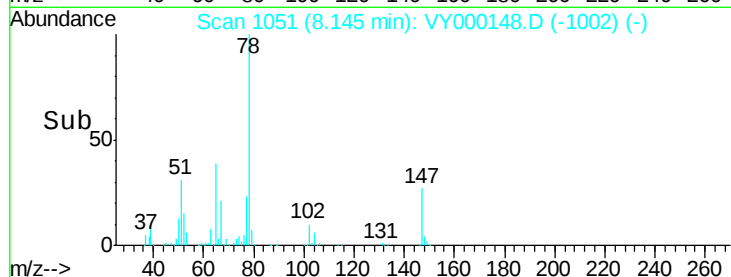
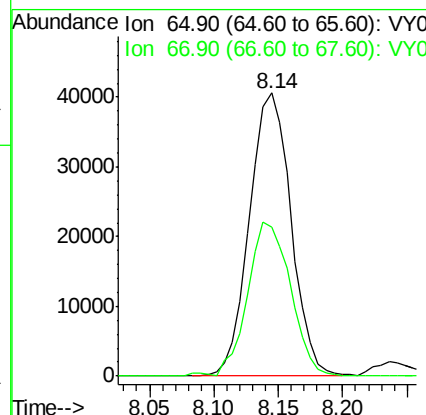
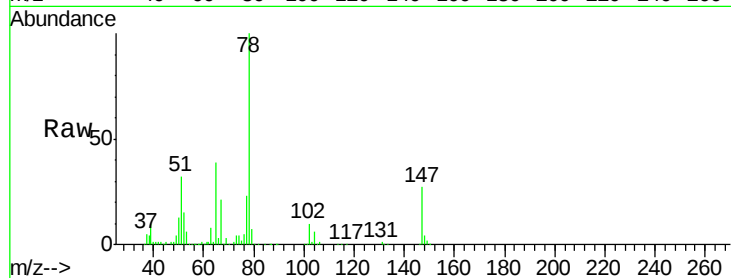
67 56.3 0.0 110.6

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. 0.00 min

Lab File: VY000148.D

Acq: 26 Sep 2019 12:57

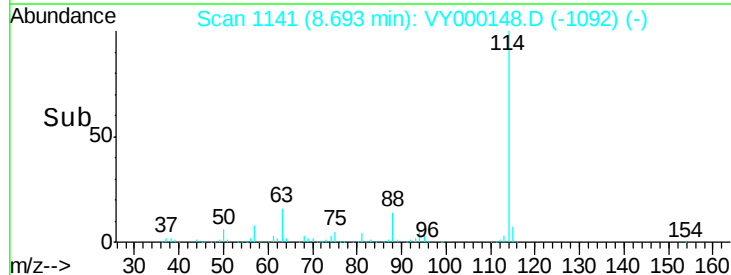
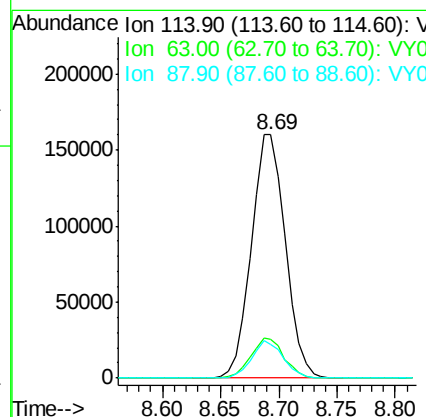
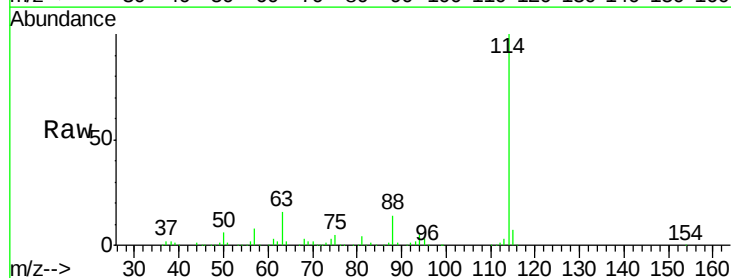
Tgt Ion: 114 Resp: 326102

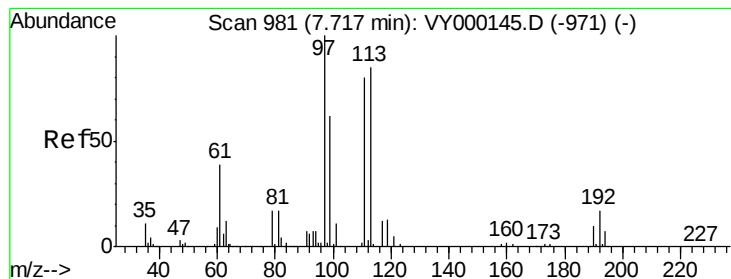
Ion Ratio Lower Upper

114 100

63 16.2 0.0 34.6

88 14.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 54.310 ug/l

RT: 7.72 min Scan# 981

Delta R.T. 0.00 min

Lab File: VY000148.D

Acq: 26 Sep 2019 12:57

Instrument :

MSVOA_Y

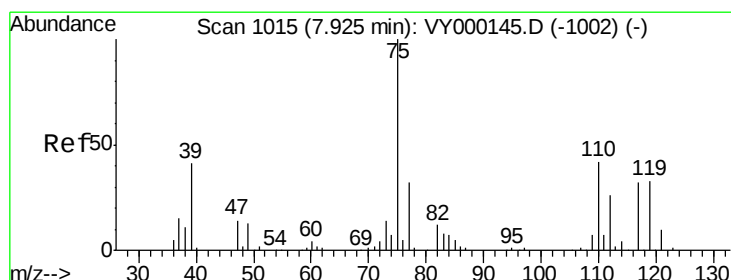
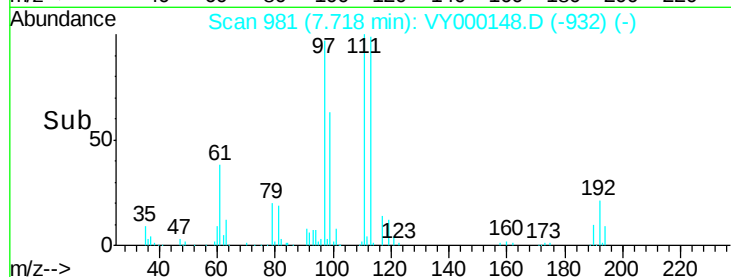
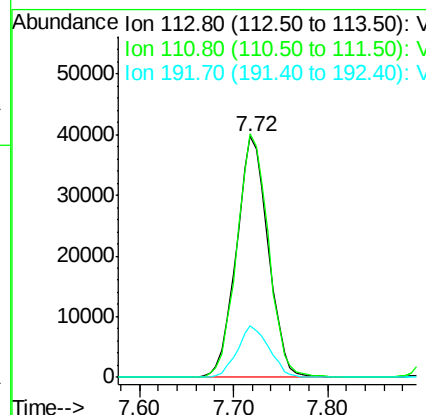
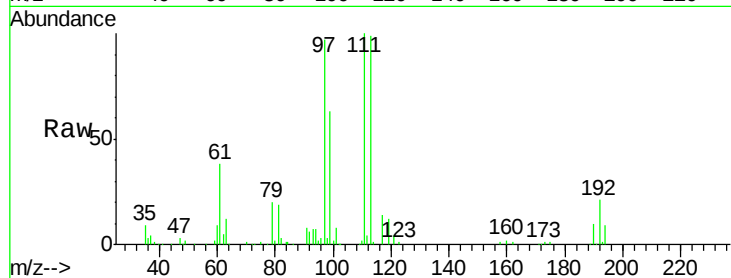
ClientSampleId :

ICVY092619

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.5	82.0	123.0
192	21.3	17.3	25.9

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 48.849 ug/l

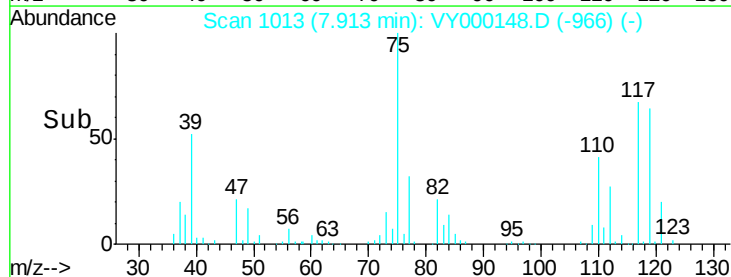
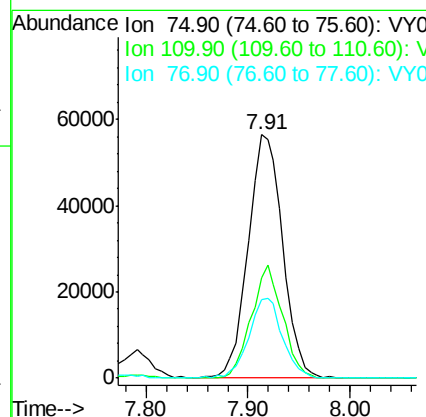
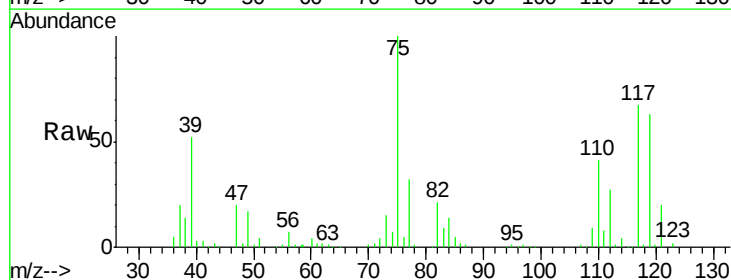
RT: 7.91 min Scan# 1013

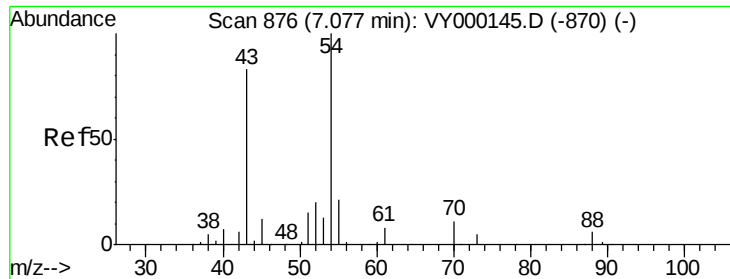
Delta R.T. -0.01 min

Lab File: VY000148.D

Acq: 26 Sep 2019 12:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	42.3	21.1	63.1
77	32.3	24.6	36.8





#37

Ethyl Acetate

Concen: 48.759 ug/l

RT: 7.08 min Scan# 876

Delta R.T. 0.00 min

Lab File: VY000148.D

Acq: 26 Sep 2019 12:57

Instrument :

MSVOA_Y

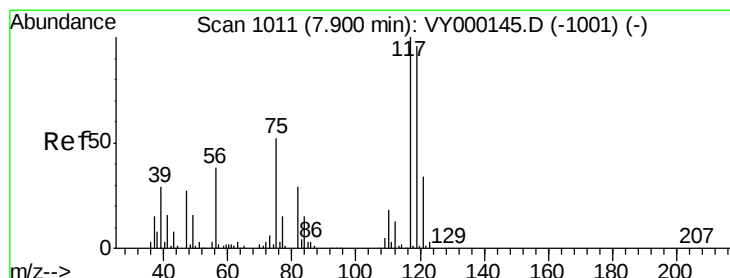
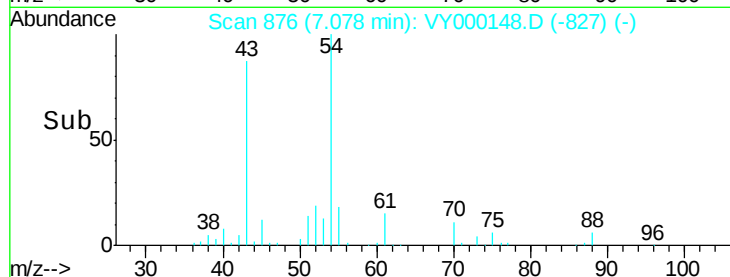
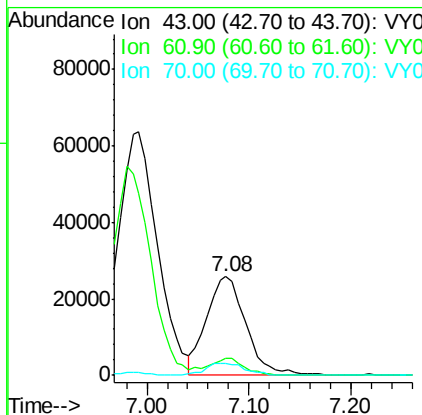
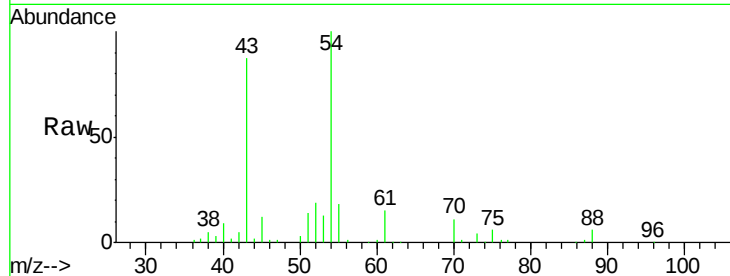
ClientSampleId :

ICVY092619

Tot Ion:	43	Resp:	69802
Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.9	17.9
70	12.6	10.2	15.2

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 51.439 ug/l

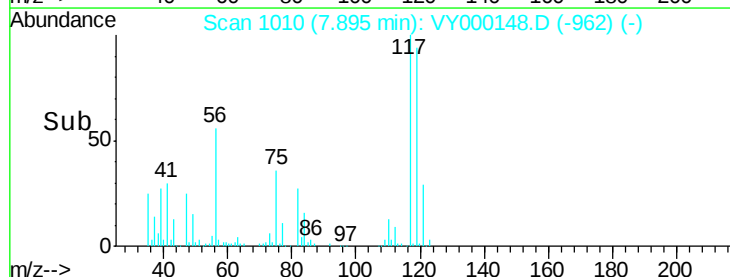
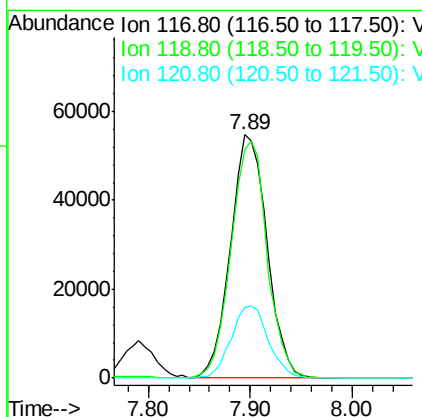
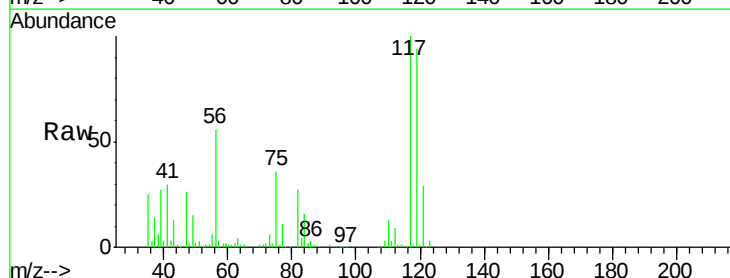
RT: 7.89 min Scan# 1010

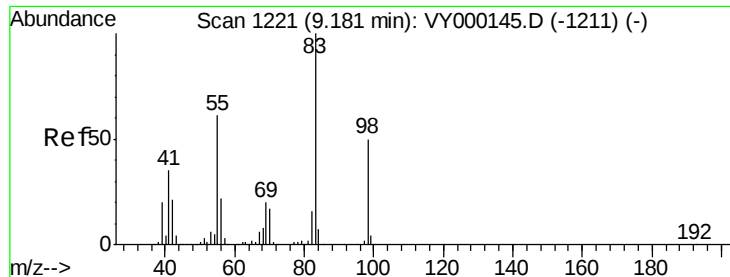
Delta R.T. -0.01 min

Lab File: VY000148.D

Acq: 26 Sep 2019 12:57

Tgt Ion:	117	Resp:	136086
Ion	Ratio	Lower	Upper
117	100		
119	94.0	76.9	115.3
121	29.0	27.4	41.0





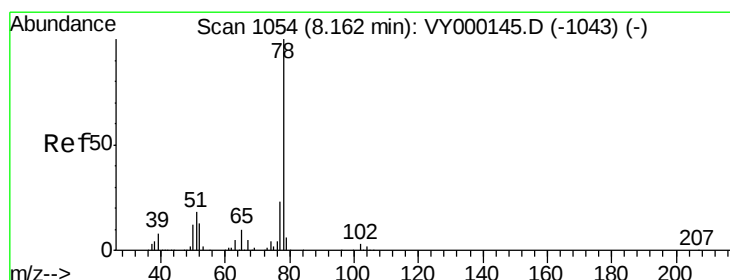
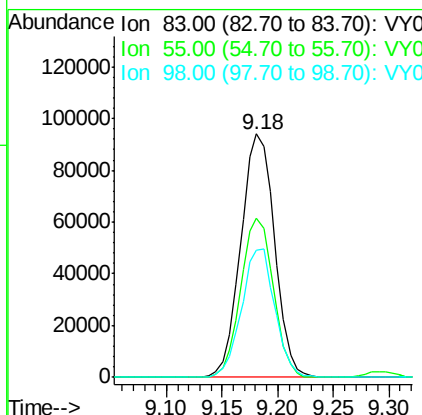
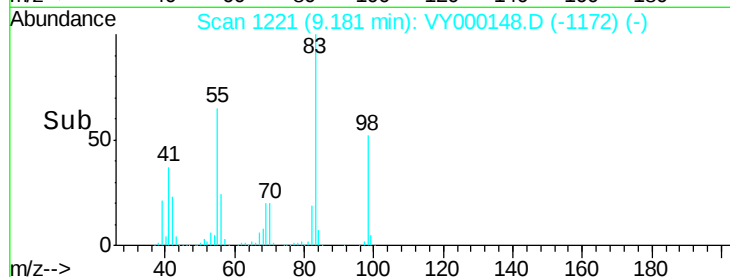
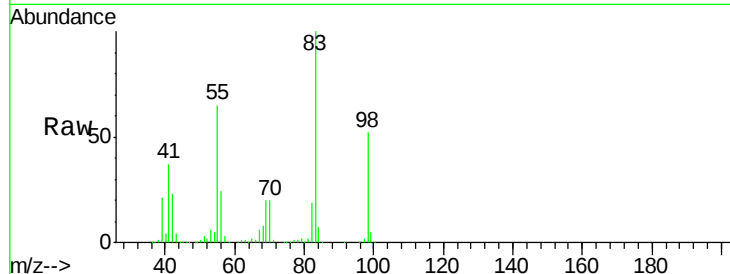
#39
Methvlcvclohexane
Concen: 51.643 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. 0.00 min
Lab File: VY000148.D
Acq: 26 Sep 2019 12:57

Instrument :
MSVOA_Y
ClientSampleId :
ICVY092619

Tot Ion	83	Resp	198501
Ion	Ratio	Lower	Upper
83	100		
55	65.4	49.1	73.7
98	52.0	40.0	60.0

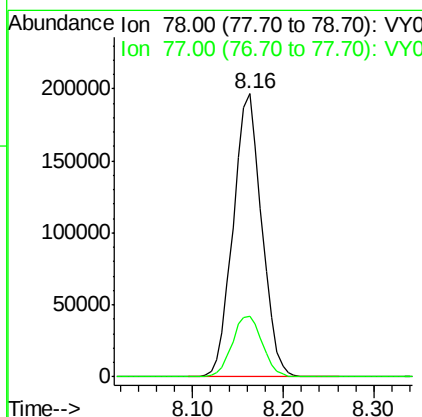
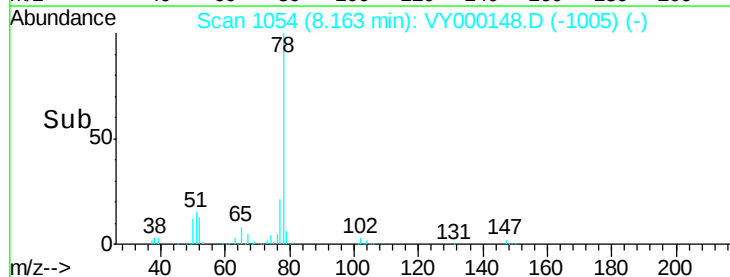
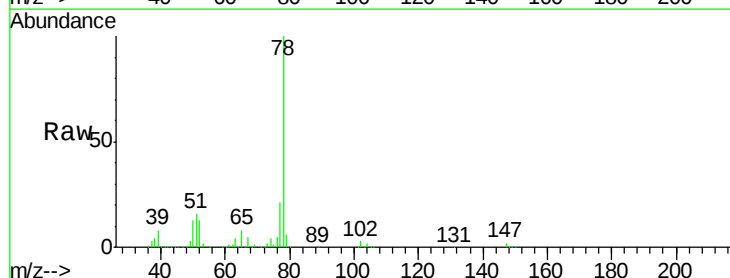
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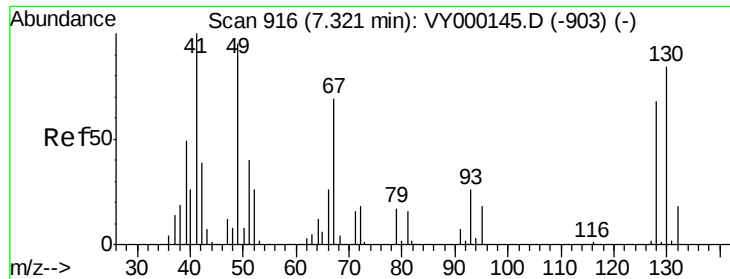
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#40
Benzene
Concen: 50.160 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VY000148.D
Acq: 26 Sep 2019 12:57

Tgt Ion	78	Resp	429393
Ion	Ratio	Lower	Upper
78	100		
77	21.4	18.2	27.4





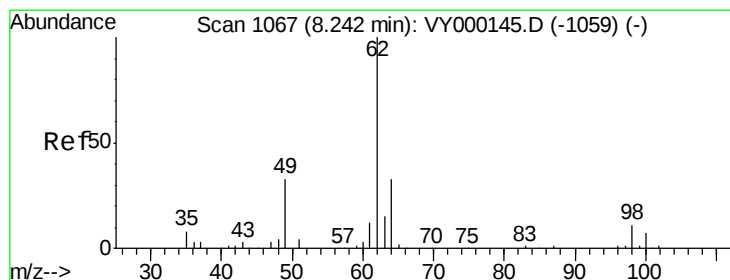
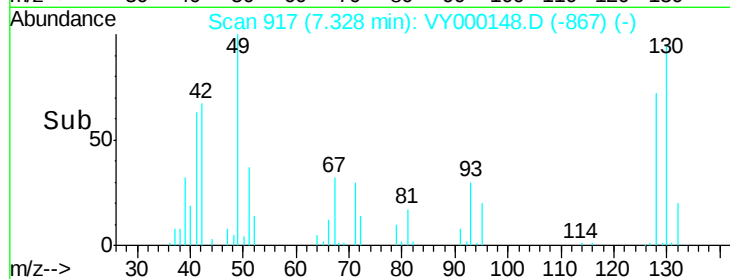
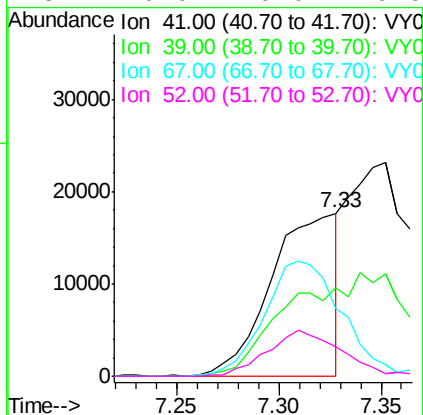
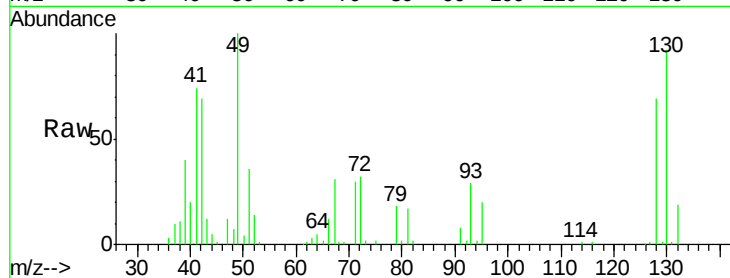
#41
Methacrylonitrile
Concen: 58.000 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. 0.01 min
Lab File: VY000148.D
Acq: 26 Sep 2019 12:57

Instrument :
MSVOA_Y
ClientSampleId :
ICVY092619

Tot Ion	41	Resp	39995
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

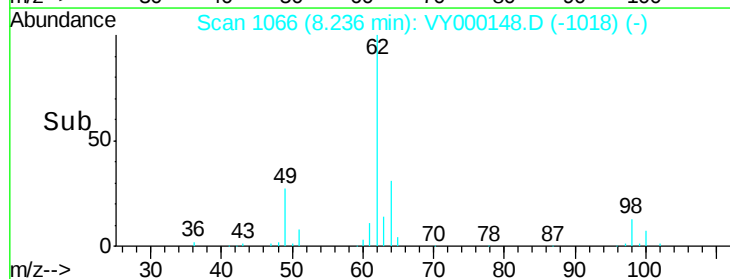
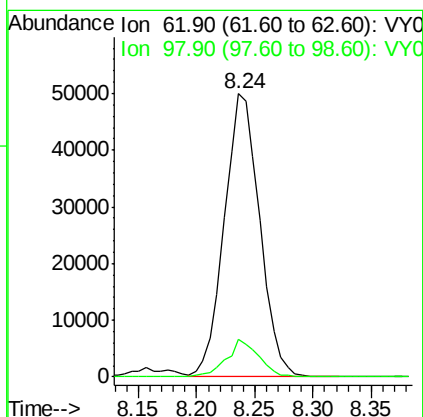
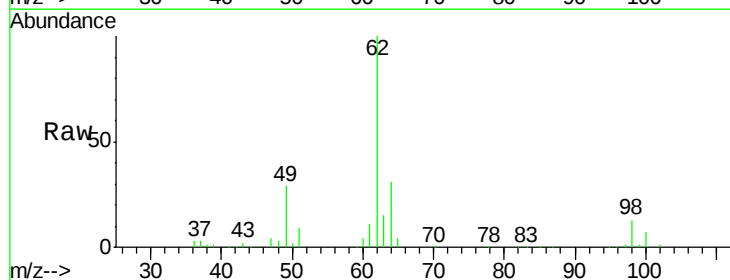
Manual Integrations
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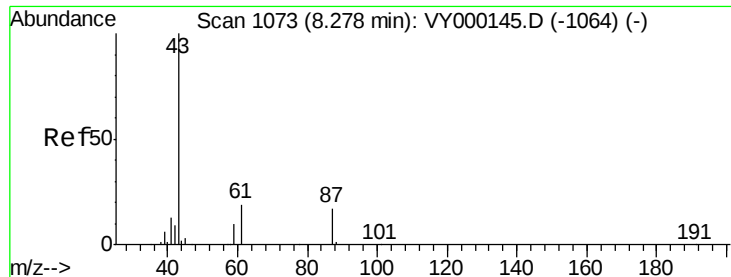
MMDadoda
10/2/2019 9:13:10 AM



#42
1,2-Dichloroethane
Concen: 50.721 ug/l
RT: 8.24 min Scan# 1066
Delta R.T. -0.01 min
Lab File: VY000148.D
Acq: 26 Sep 2019 12:57

Tgt Ion	62	Resp	105644
Ion	Ratio	Lower	Upper
62	100		
98	11.9	0.0	24.8





#43

Isopropyl Acetate

Concen: 51.656 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY000148.D

Acq: 26 Sep 2019 12:57

Instrument :

MSVOA_Y

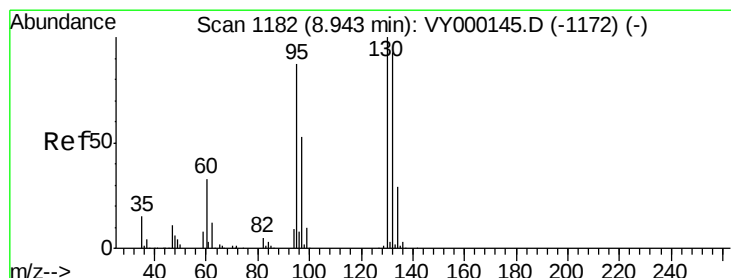
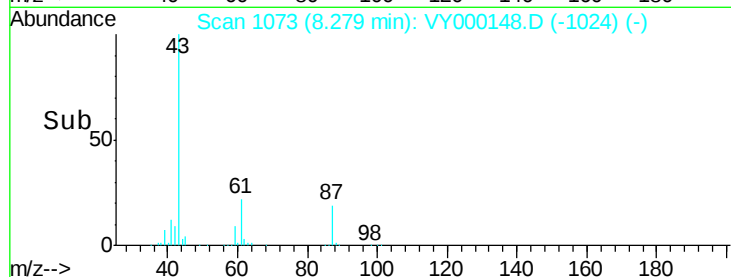
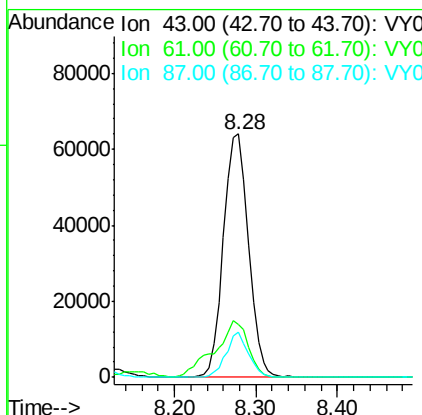
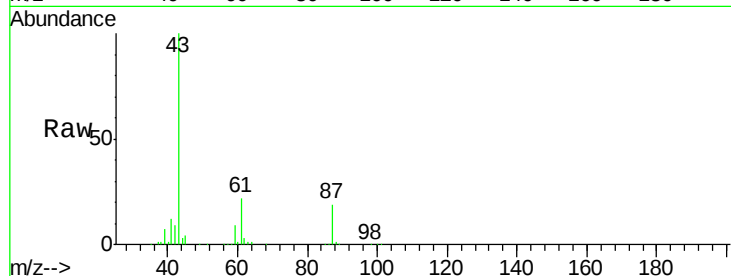
ClientSampleId :

ICVY092619

Tot Ion:	43	Resp:	136600
Ion	Ratio	Lower	Upper
43	100		
61	30.9	25.6	38.4
87	16.4	13.5	20.3

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#44

Trichloroethene

Concen: 49.405 ug/l

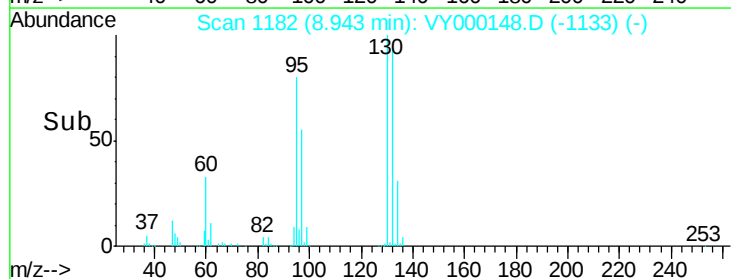
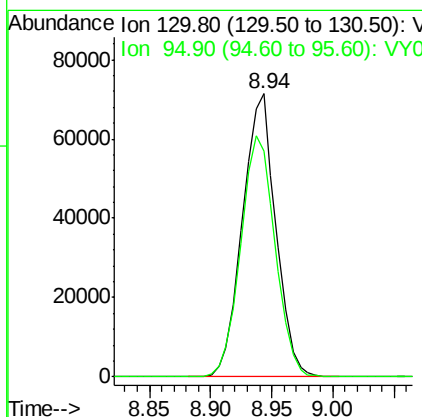
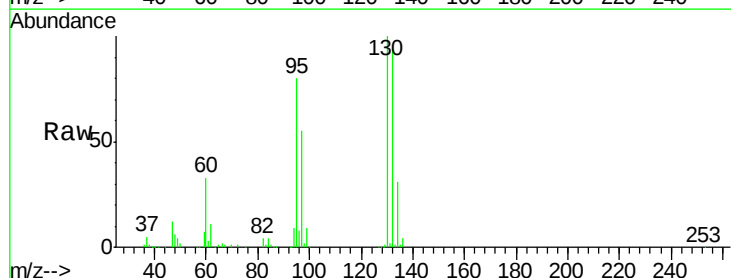
RT: 8.94 min Scan# 1182

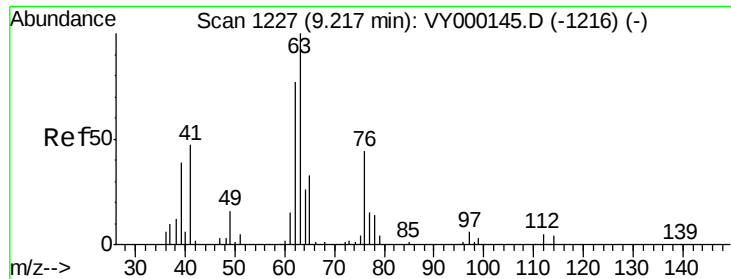
Delta R.T. 0.00 min

Lab File: VY000148.D

Acq: 26 Sep 2019 12:57

Tgt Ion:	130	Resp:	135152
Ion	Ratio	Lower	Upper
130	100		
95	79.8	0.0	174.8





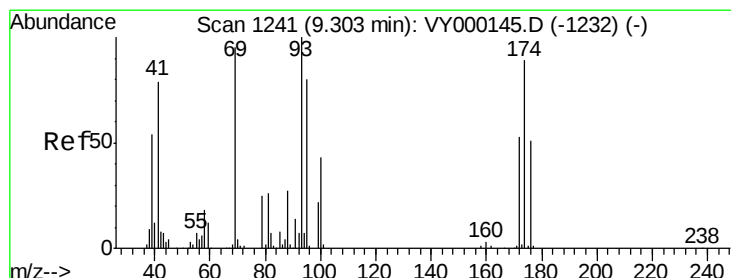
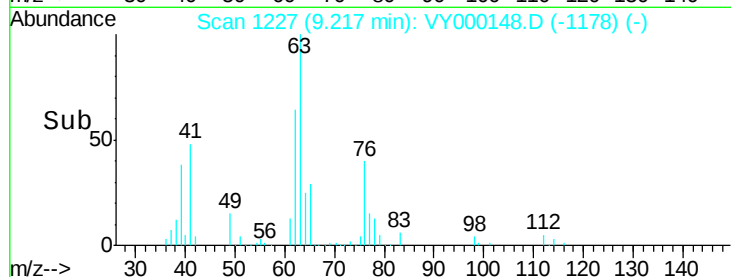
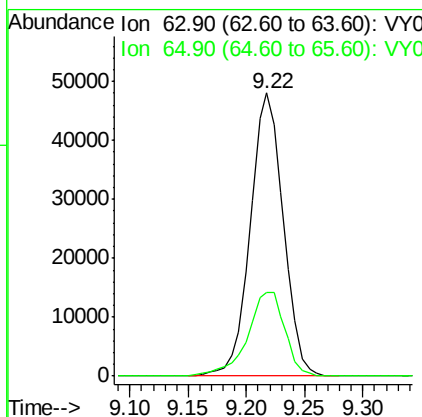
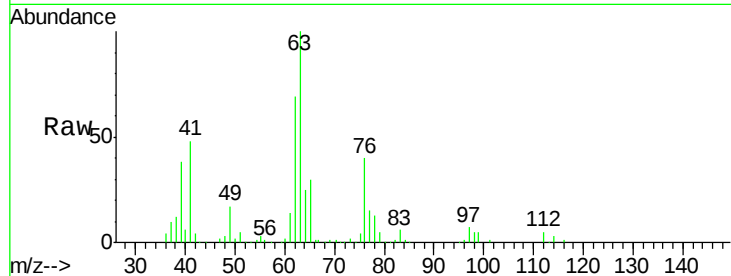
#45
 1,2-Dichloropropane
 Concen: 50.277 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY000148.D
 Acq: 26 Sep 2019 12:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY092619

Tot Ion	Ratio	Resp	Lower	Upper
63	100			
65	29.6	26.8	40.2	

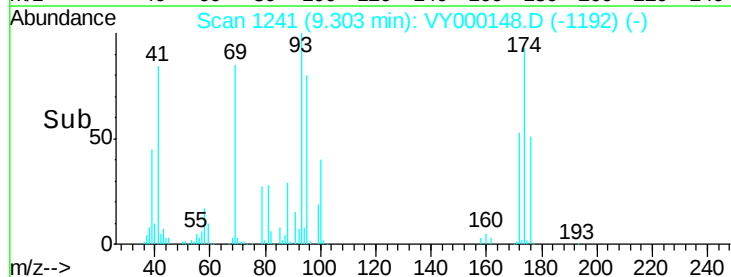
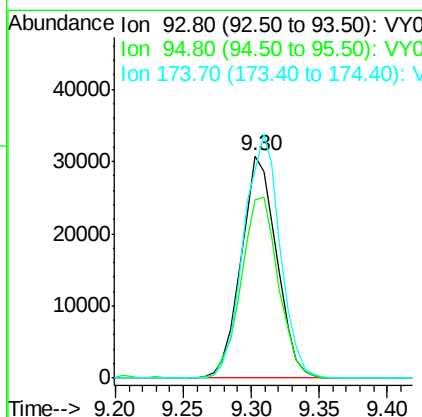
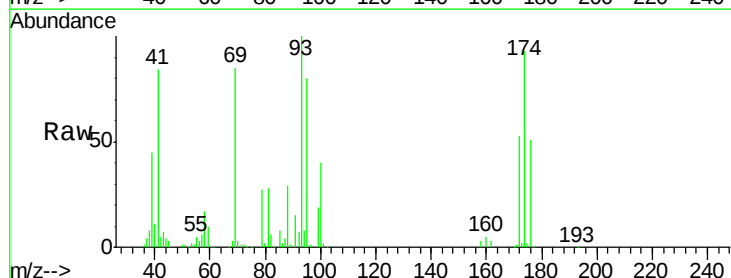
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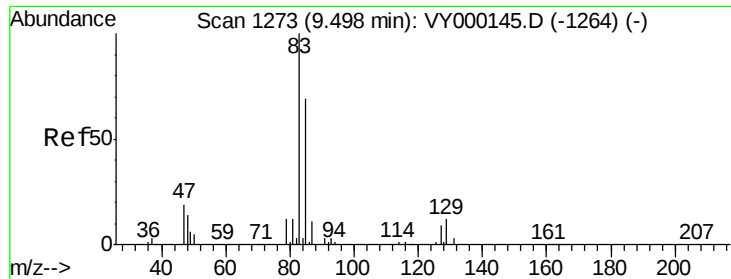
MMDadoda
 10/2/2019 9:13:10 AM



#46
 Dibromomethane
 Concen: 48.748 ug/l
 RT: 9.30 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: VY000148.D
 Acq: 26 Sep 2019 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	85.3	66.3	99.5	
174	112.3	87.3	130.9	





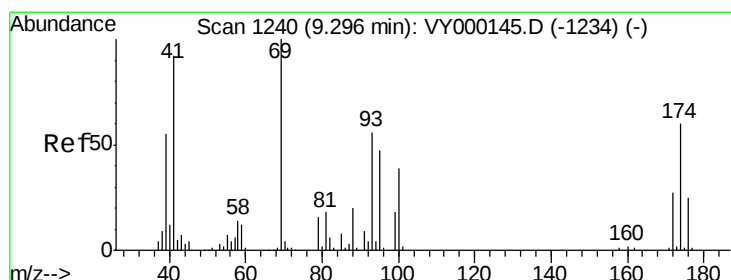
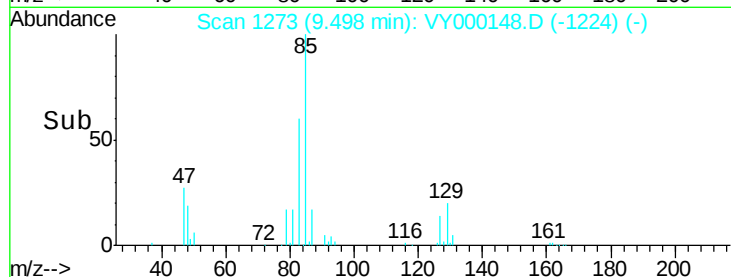
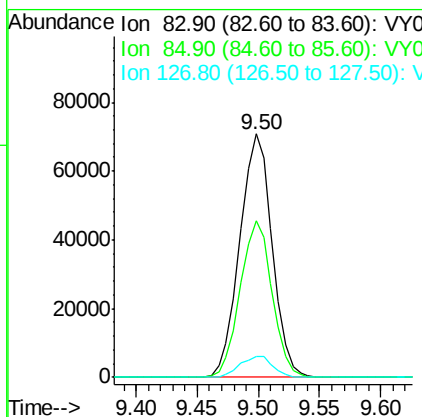
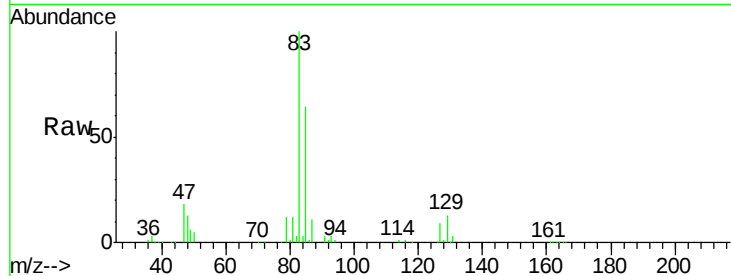
#47
Bromodichloromethane
Concen: 50.017 ug/l
RT: 9.50 min Scan# 1273
Delta R.T. 0.00 min
Lab File: VY000148.D
Acq: 26 Sep 2019 12:57

Instrument :
MSVOA_Y
ClientSampleId :
ICVY092619

Tot Ion	Ratio	Resp	Lower	Upper
83	100	129931		
85	64.4	55.1	82.7	
127	8.8	6.9	10.3	

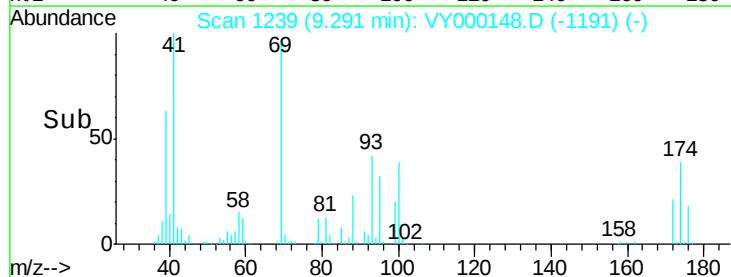
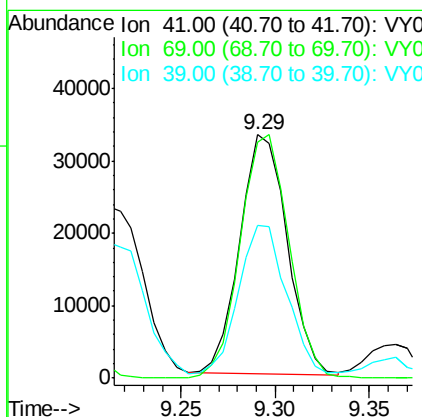
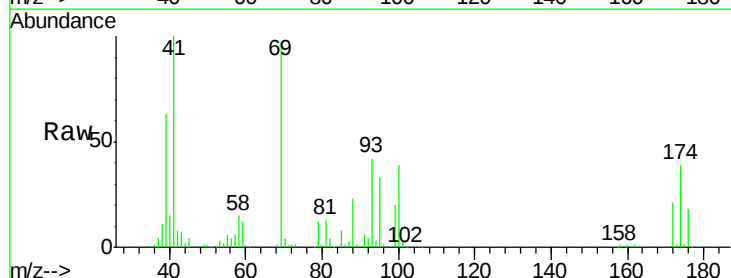
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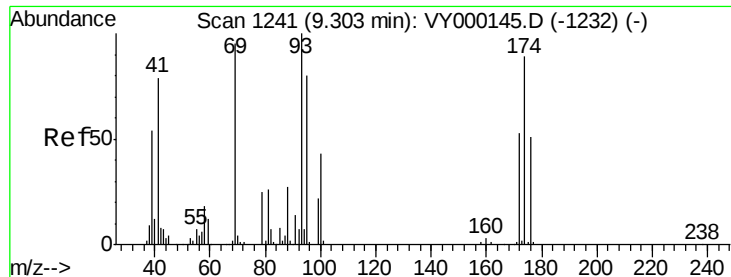
MMDadoda
10/2/2019 9:13:10 AM



#48
Methyl methacrylate
Concen: 48.818 ug/l
RT: 9.29 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VY000148.D
Acq: 26 Sep 2019 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	57808		
69	104.4	86.5	129.7	
39	63.6	51.0	76.6	





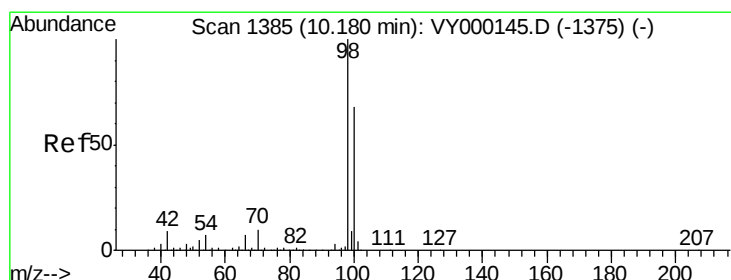
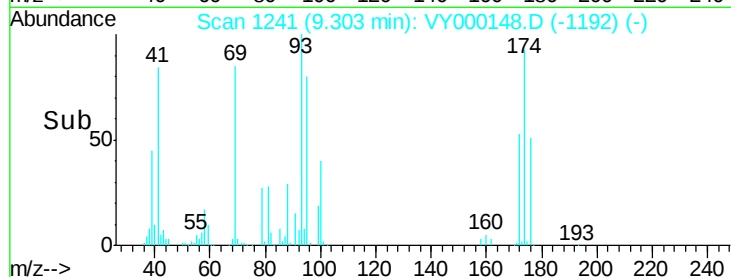
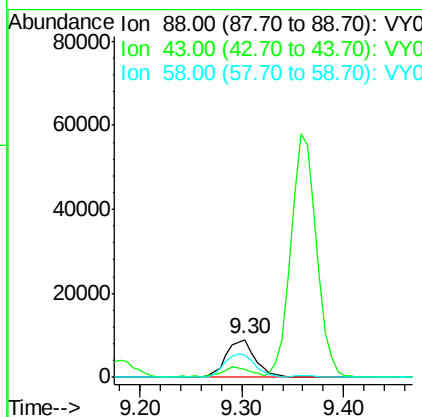
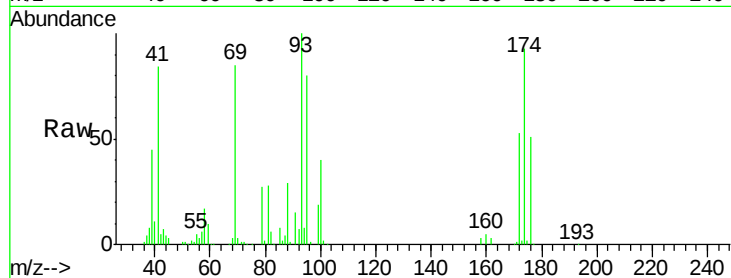
#49
1,4-Dioxane
Concen: 999.135 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY000148.D
Acq: 26 Sep 2019 12:57

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY092619

Tot Ion	88	Resp	17790
Ion Ratio	100	Lower	Upper
88	100		
43	27.9	24.4	36.6
58	65.7	49.2	73.8

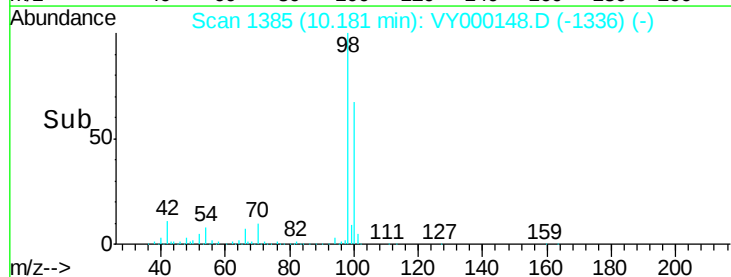
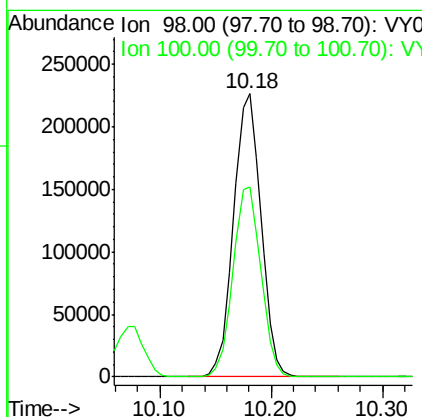
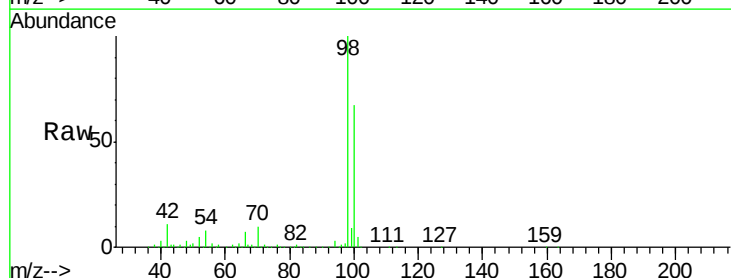
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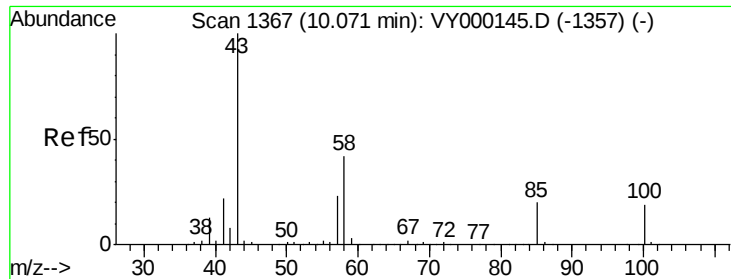
MMDadoda
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#50
Toluene-d8
Concen: 53.601 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY000148.D
Acq: 26 Sep 2019 12:57

Tgt Ion	98	Resp	387362
Ion Ratio	100	Lower	Upper
98	100		
100	67.9	54.2	81.2





#51

4-Methyl-2-Pentanone

Concen: 259.143 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY000148.D

Acq: 26 Sep 2019 12:57

Instrument :

MSVOA_Y

ClientSampleId :

ICVY092619

Tot Ion: 43 Resp: 355692

Ion Ratio Lower Upper

43 100

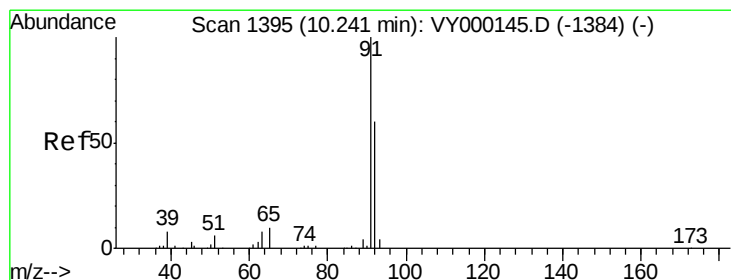
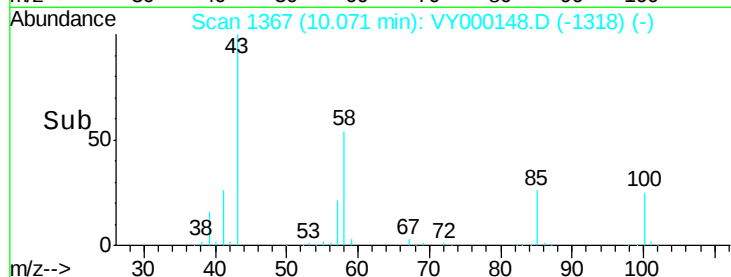
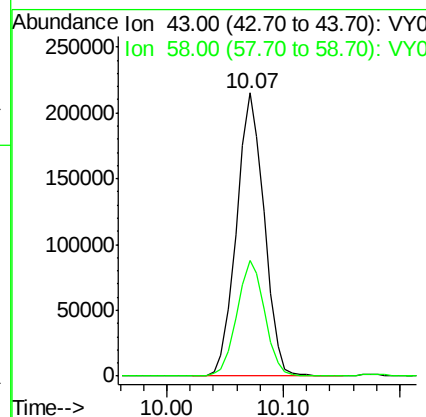
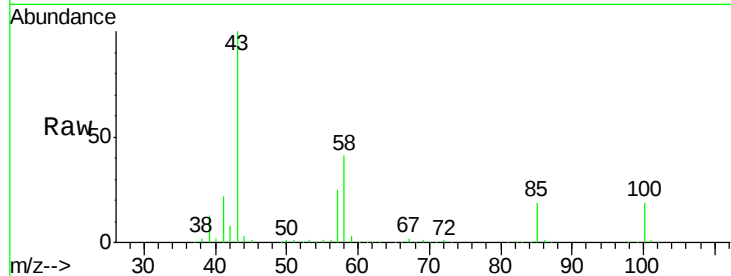
58 41.0 33.6 50.4

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#52

Toluene

Concen: 49.921 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY000148.D

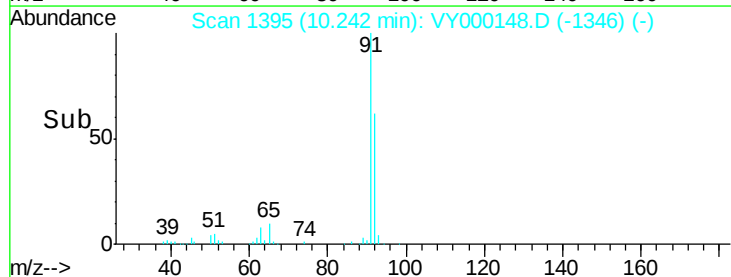
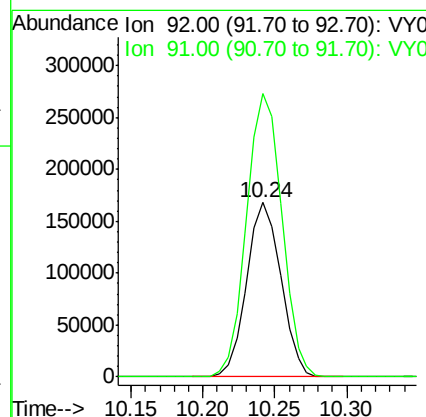
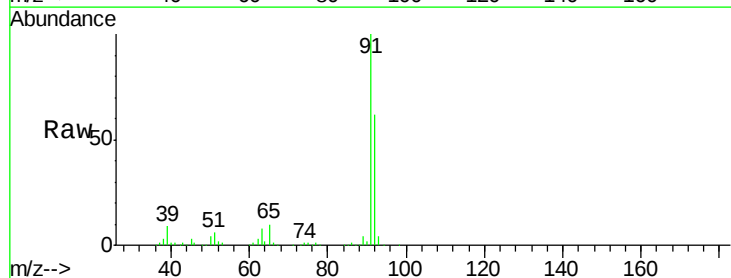
Acq: 26 Sep 2019 12:57

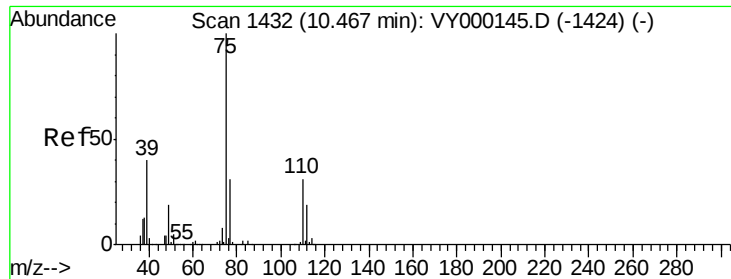
Tgt Ion: 92 Resp: 276761

Ion Ratio Lower Upper

92 100

91 167.4 134.6 201.8





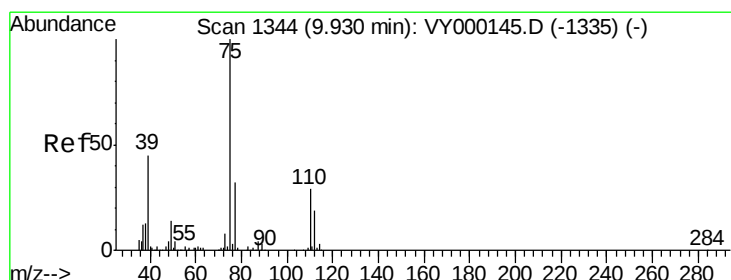
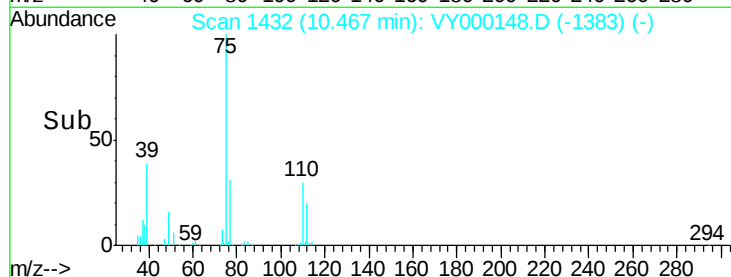
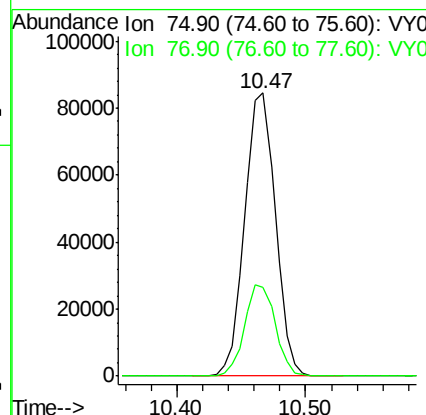
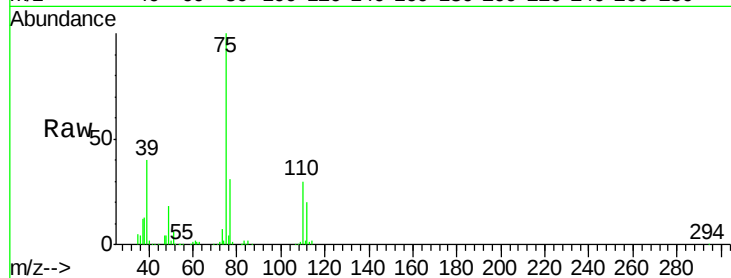
#53
 t-1,3-Dichloropropene
 Concen: 51.012 ug/l
 RT: 10.47 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VY000148.D
 Acq: 26 Sep 2019 12:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY092619

Tot Ion: 75 Resp: 139198
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.0 37.4

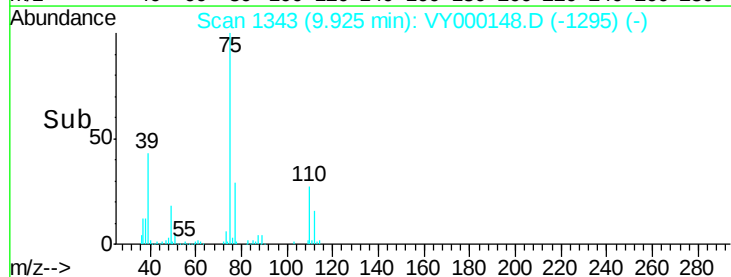
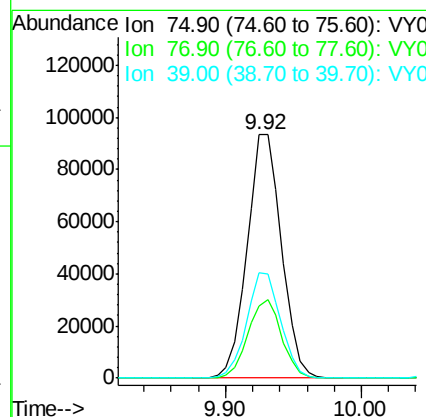
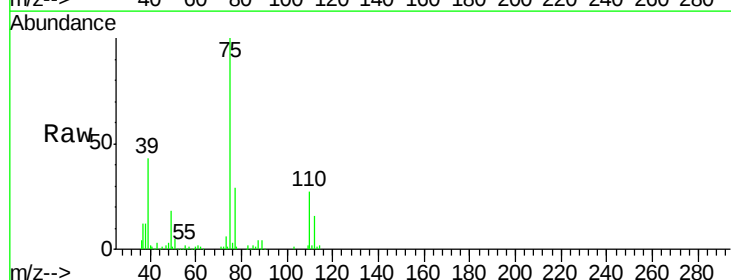
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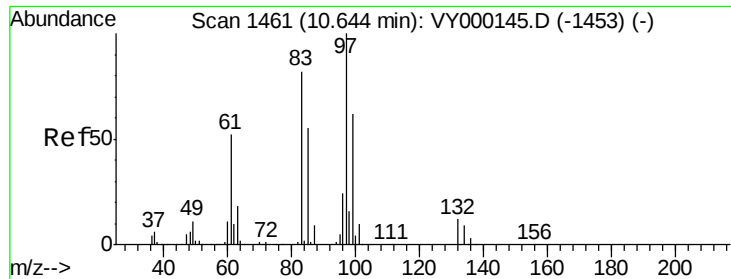
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#54
 cis-1,3-Dichloropropene
 Concen: 51.021 ug/l
 RT: 9.92 min Scan# 1343
 Delta R.T. -0.01 min
 Lab File: VY000148.D
 Acq: 26 Sep 2019 12:57

Tgt Ion: 75 Resp: 164993
 Ion Ratio Lower Upper
 75 100
 77 29.4 25.4 38.0
 39 43.4 35.8 53.6





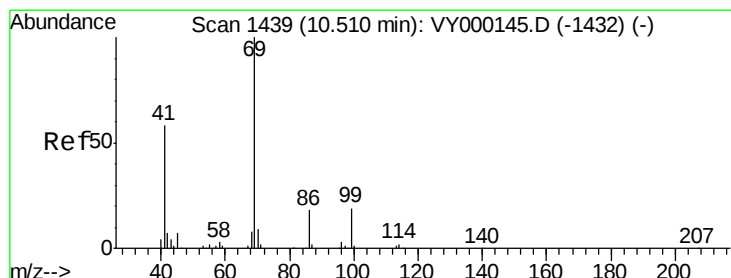
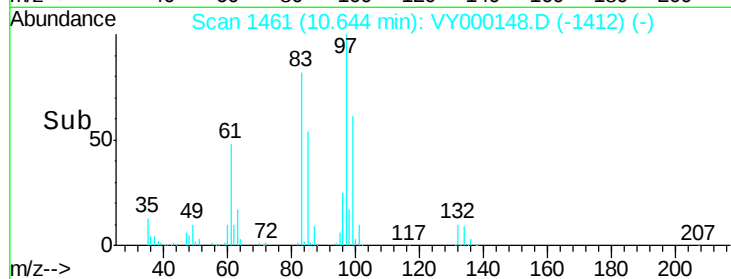
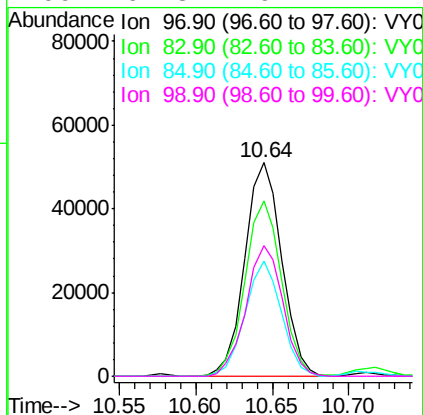
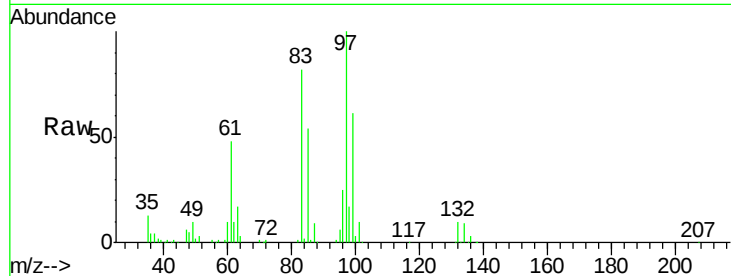
#55
 1,1,2-Trichloroethane
 Concen: 49.945 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY000148.D
 Acq: 26 Sep 2019 12:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY092619

Tot Ion:	97	Resp:	85588
Ion	Ratio	Lower	Upper
97	100		
83	81.9	65.7	98.5
85	53.9	44.1	66.1
99	61.3	49.4	74.2

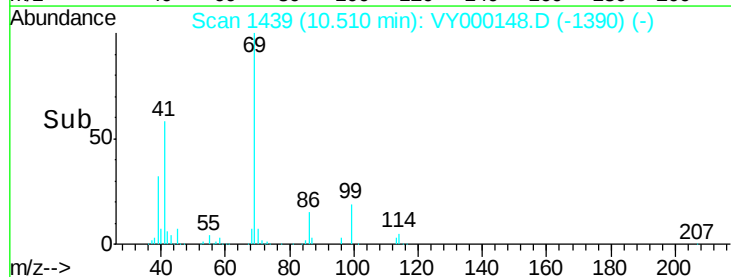
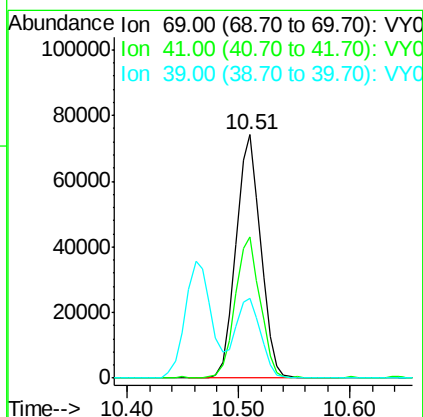
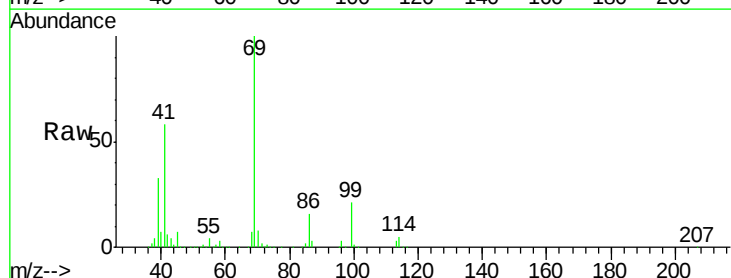
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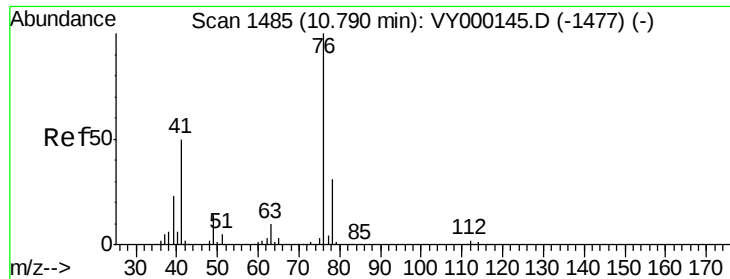
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 10/2/2019 9:13:10 AM



#56
 Ethyl methacrylate
 Concen: 50.931 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY000148.D
 Acq: 26 Sep 2019 12:57

Tgt Ion:	69	Resp:	113531
Ion	Ratio	Lower	Upper
69	100		
41	58.6	45.8	68.8
39	34.4	27.8	41.8





#57

1,3-Dichloropropane

Concen: 49.618 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY000148.D

Acq: 26 Sep 2019 12:57

Instrument :

MSVOA_Y

ClientSampleId :

ICVY092619

Tot Ion: 76 Resp: 136637

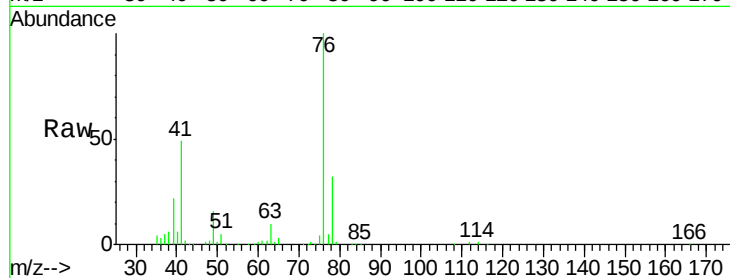
Ion Ratio Lower Upper

76 100

78 32.1 25.4 38.0

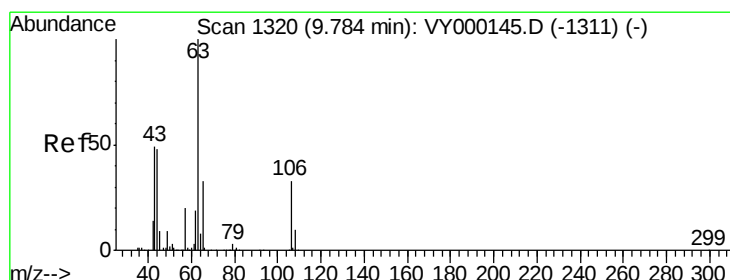
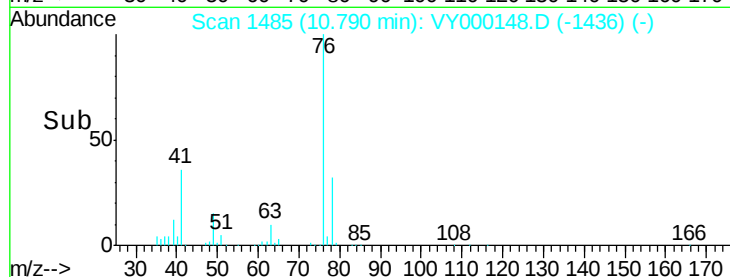
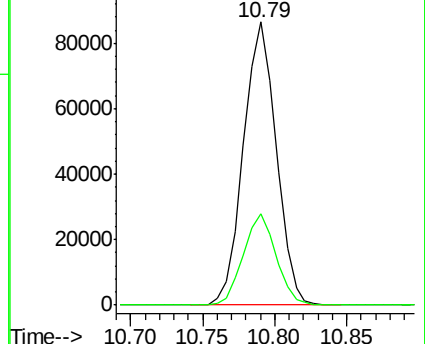
Manual Integrations
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MMDadoda
10/2/2019 9:13:10 AM



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 255.792 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY000148.D

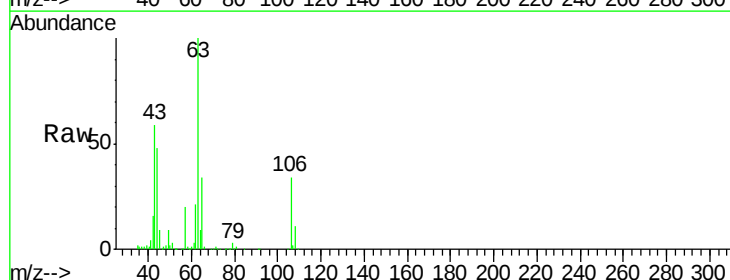
Acq: 26 Sep 2019 12:57

Tgt Ion: 63 Resp: 267810

Ion Ratio Lower Upper

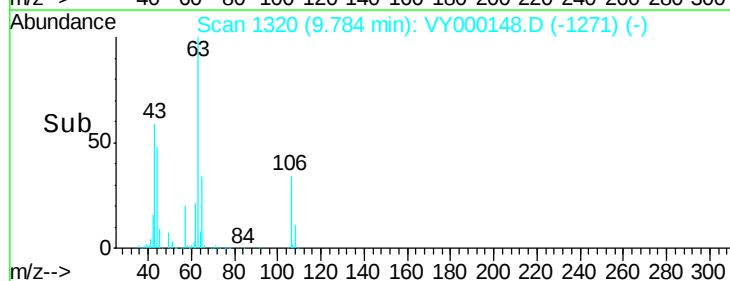
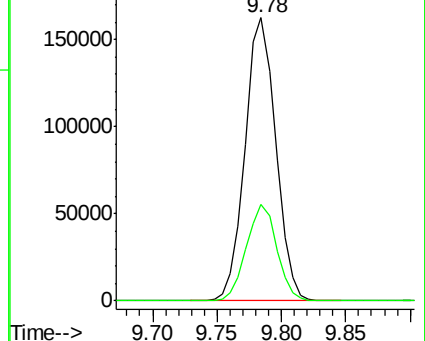
63 100

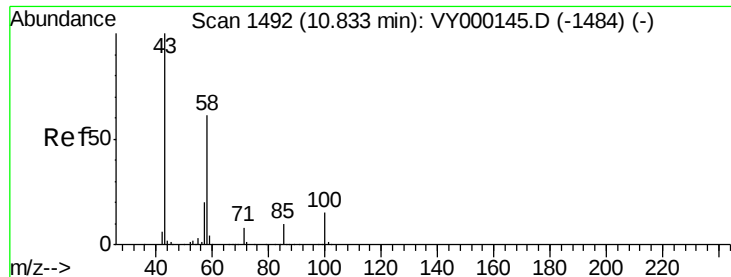
106 33.6 27.0 40.6



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





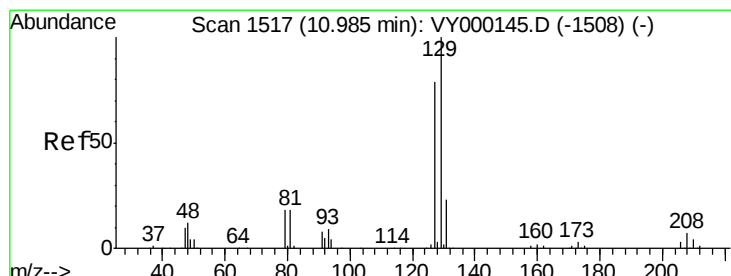
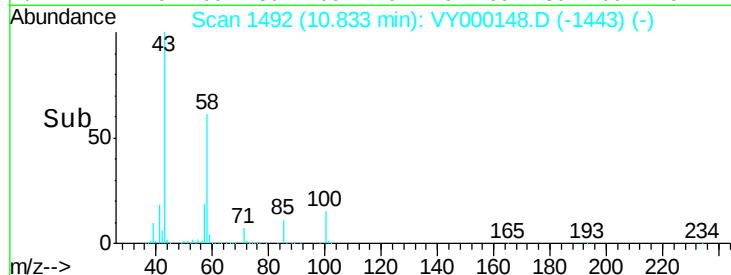
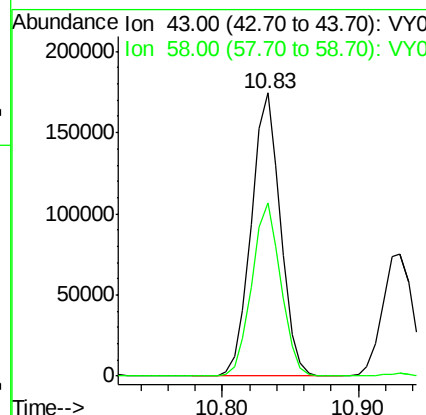
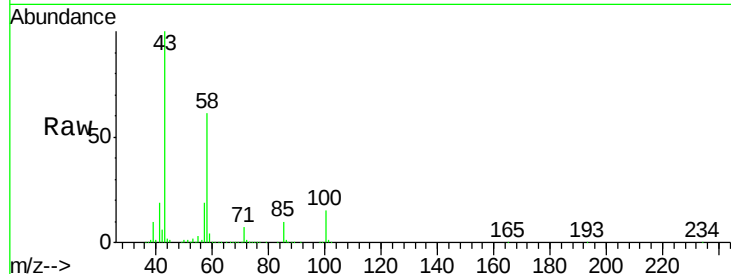
#59
2-Hexanone
Concen: 269.773 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY000148.D
Acq: 26 Sep 2019 12:57

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY092619

Tot Ion	43	Resp	263171
Ion Ratio	43	100	
Lower	58	60.7	29.5
Upper			88.5

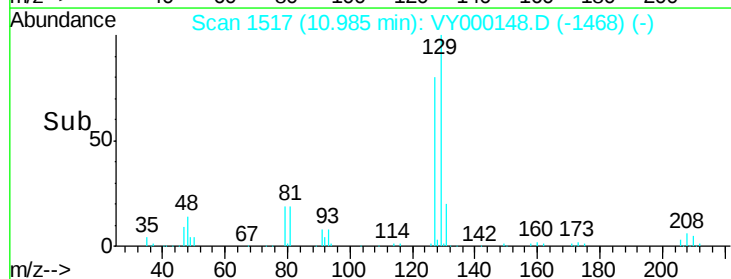
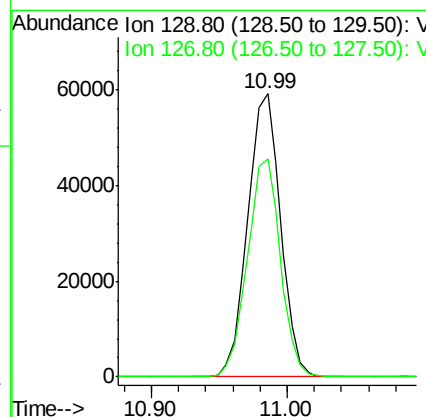
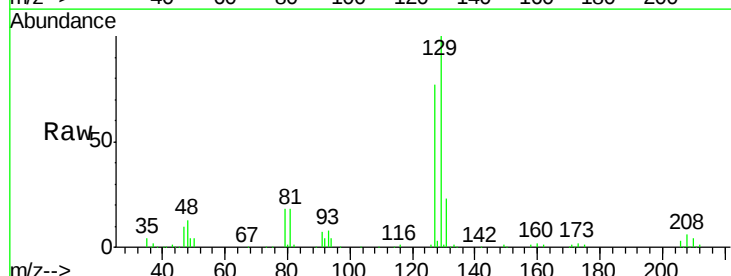
Manual Integrations
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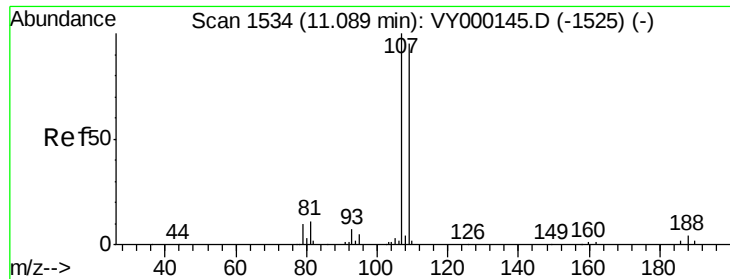
MMDadoda
10/2/2019 9:13:10 AM



#60
Dibromochloromethane
Concen: 51.691 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY000148.D
Acq: 26 Sep 2019 12:57

Tgt Ion	129	Resp	100134
Ion Ratio	129	100	
Lower	127	77.4	39.4
Upper			118.1





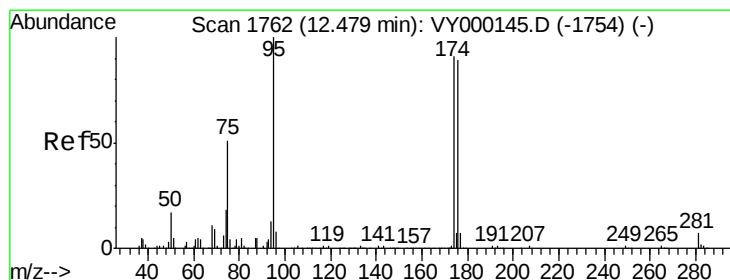
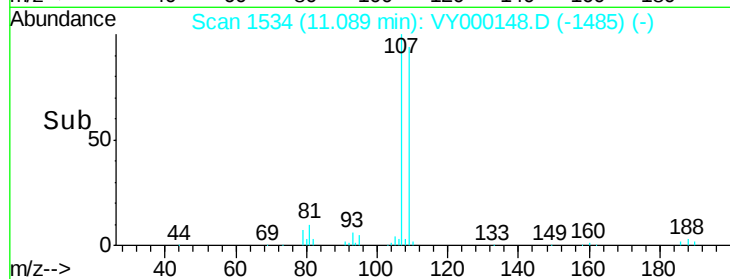
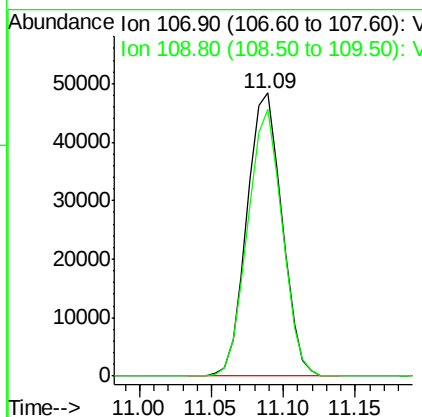
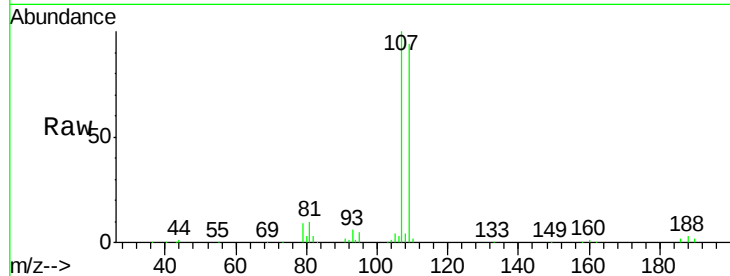
#61
 1,2-Dibromoethane
 Concen: 49.766 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY000148.D
 Acq: 26 Sep 2019 12:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY092619

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.1	75.8	113.8

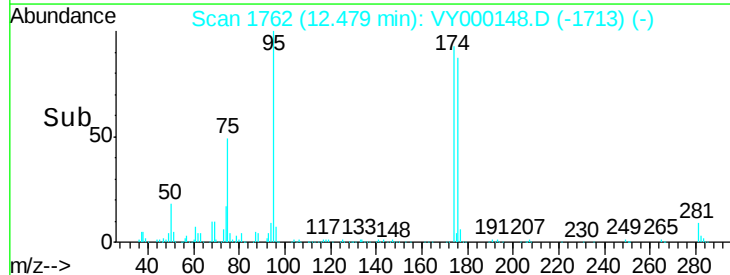
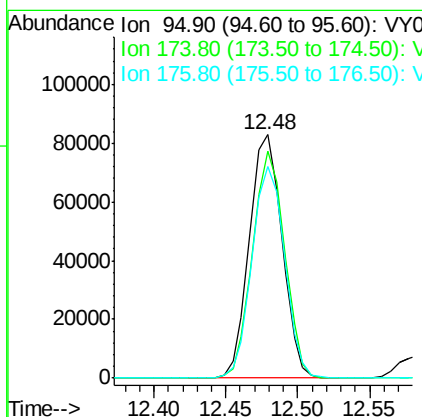
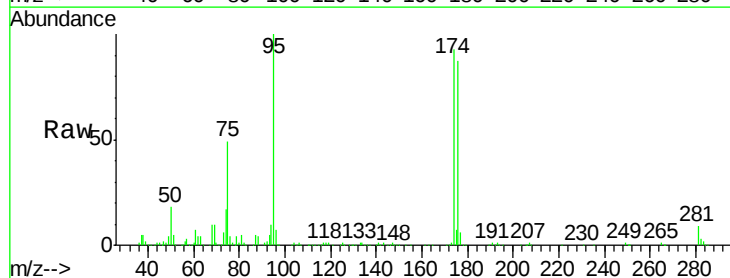
Manual Integrations
 APPROVED

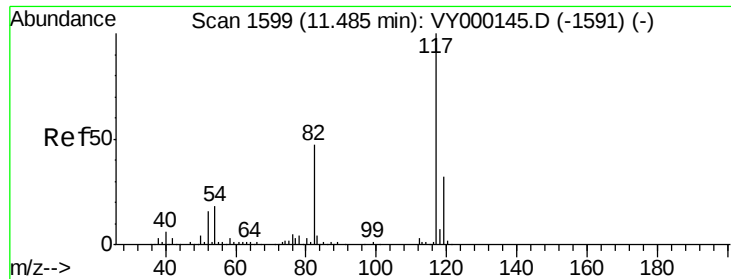
MMDadoda
 10/2/2019 9:13:10 AM



#62
 4-Bromofluorobenzene
 Concen: 49.402 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY000148.D
 Acq: 26 Sep 2019 12:57

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.5	0.0	180.6
176	86.7	0.0	171.6





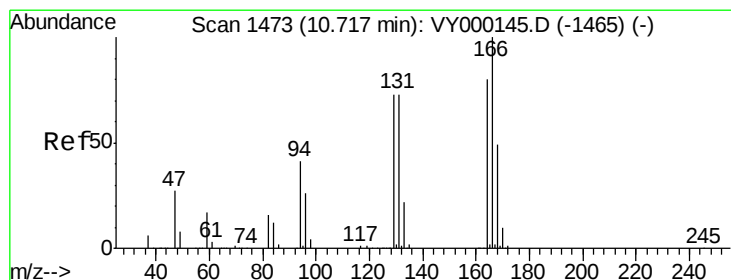
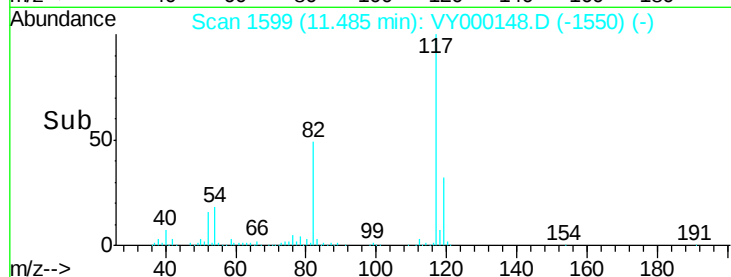
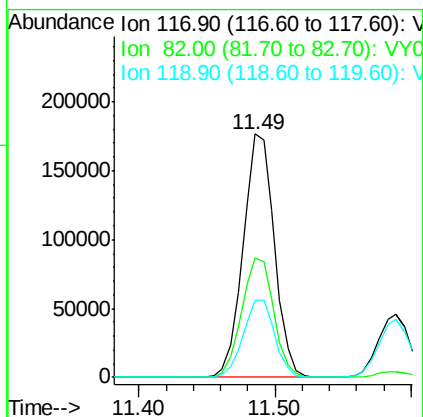
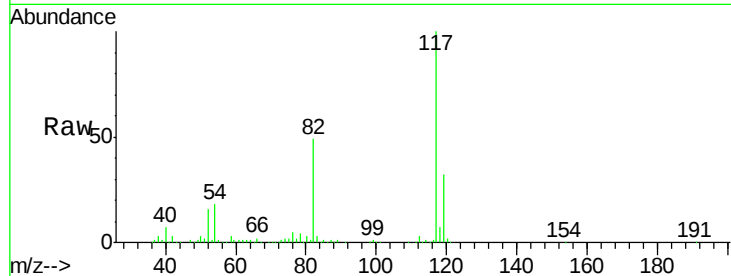
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY000148.D
Acq: 26 Sep 2019 12:57

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY092619

Tot Ion	Ratio	Resp	Lower	Upper
117	100	283215		
82	49.0		37.7	56.5
119	31.9		25.4	38.2

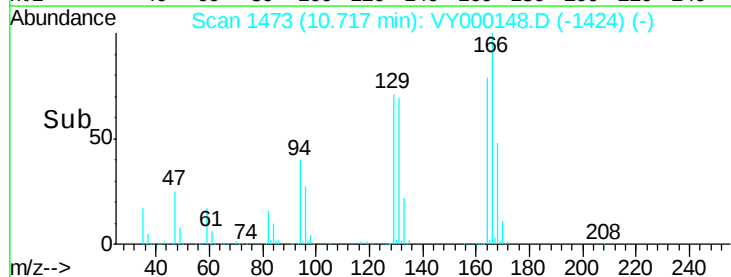
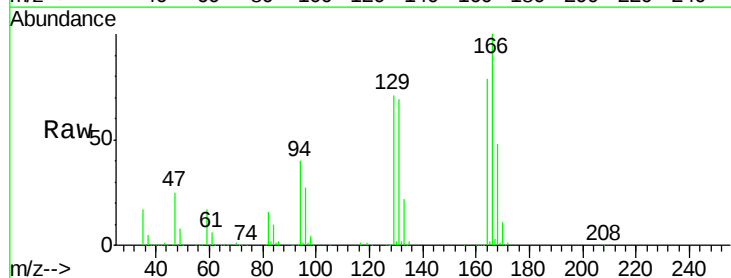
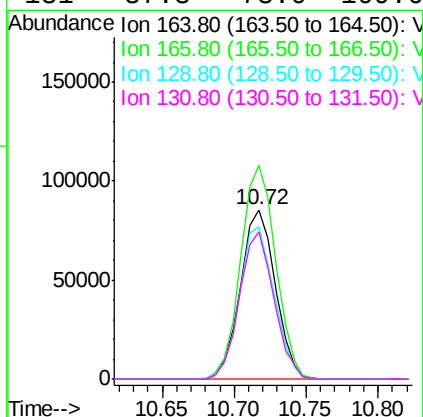
Manual Integrations
APPROVED

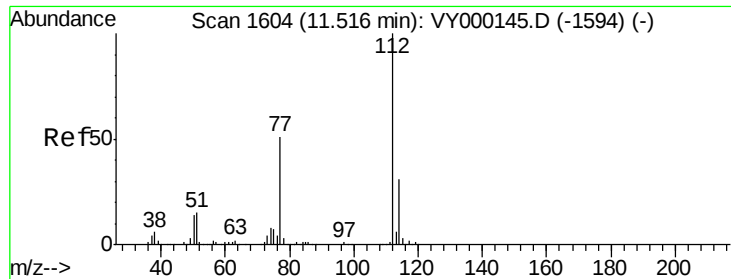
MMDadoda
10/2/2019 9:13:10 AM



#64
Tetrachloroethene
Concen: 50.898 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY000148.D
Acq: 26 Sep 2019 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	142796		
166	126.2		99.5	149.3
129	90.1		72.8	109.2
131	87.3		73.0	109.6





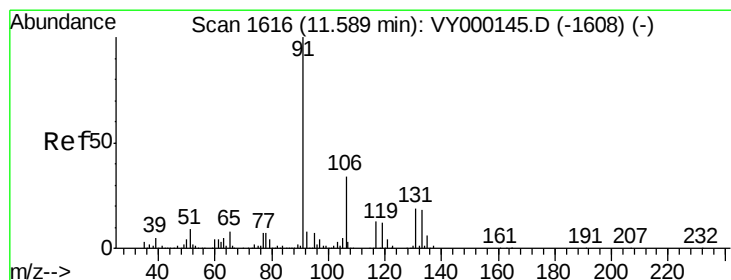
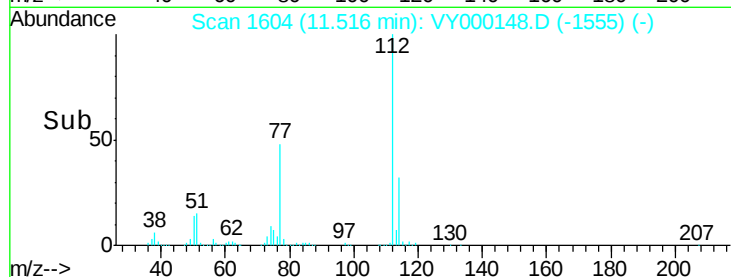
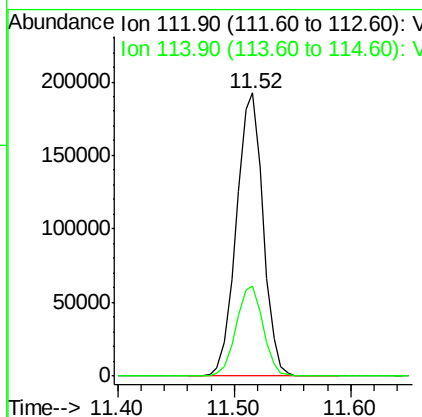
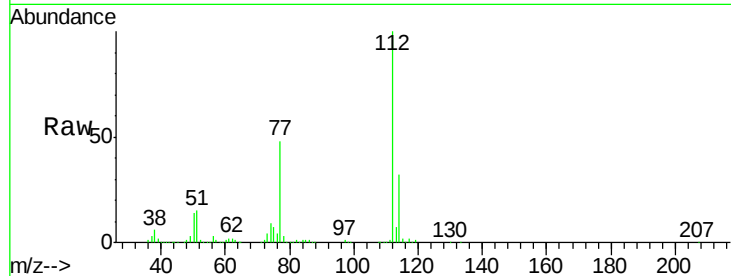
#65
Chlorobenzene
Concen: 52.001 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY000148.D
Acq: 26 Sep 2019 12:57

Instrument :
MSVOA_Y
ClientSampleId :
ICVY092619

Tot Ion	Ratio	Resp	Lower	Upper
112	100	306482		
114	32.0	25.1	37.7	

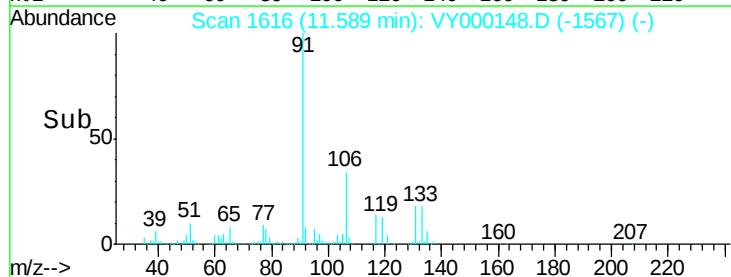
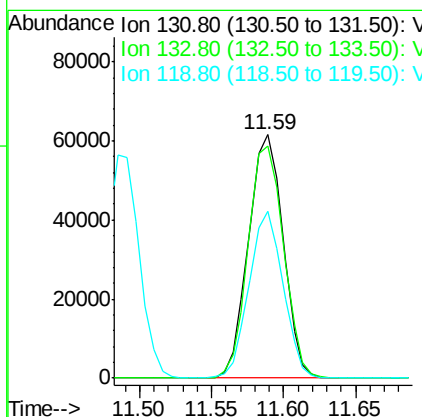
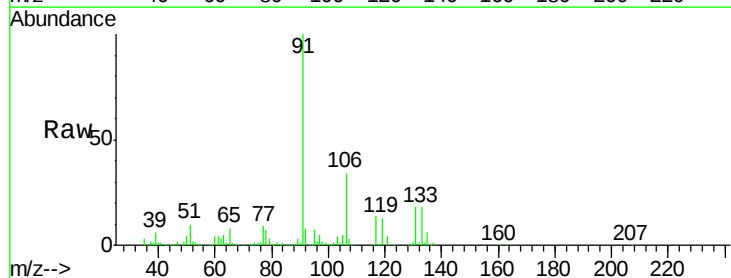
Manual Integrations
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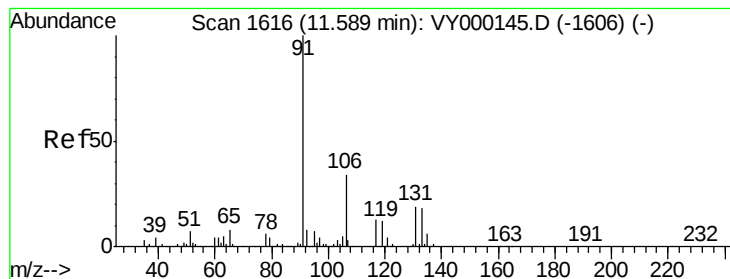
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.517 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY000148.D
Acq: 26 Sep 2019 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	102600		
133	97.5	47.2	141.6	
119	67.2	32.3	96.9	





#67

Ethyl Benzene

Concen: 51.030 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY000148.D

Acq: 26 Sep 2019 12:57

Instrument :

MSVOA_Y

ClientSampleId :

ICVY092619

Tot Ion: 91 Resp: 514113

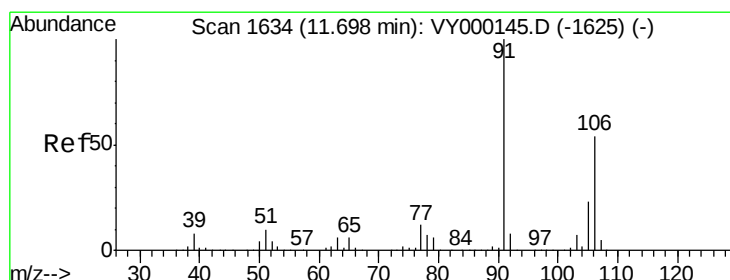
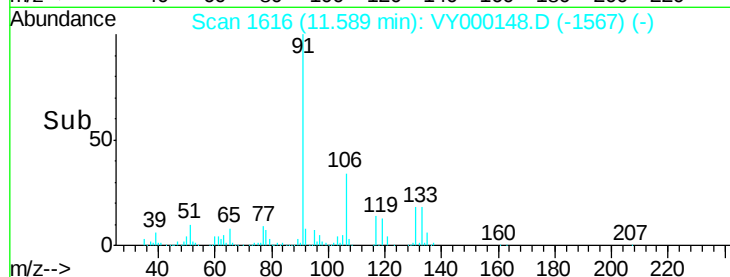
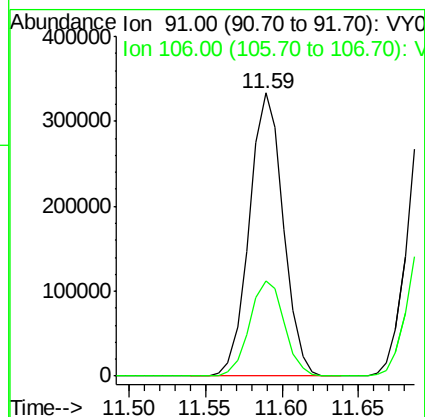
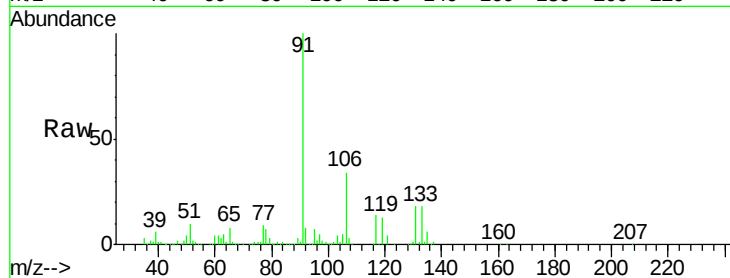
Ion Ratio Lower Upper

91 100

106 33.8 27.3 40.9

Manual Integrations
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#68

m/p-Xylenes

Concen: 103.663 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY000148.D

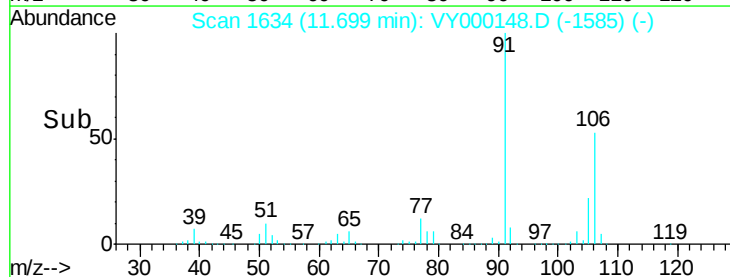
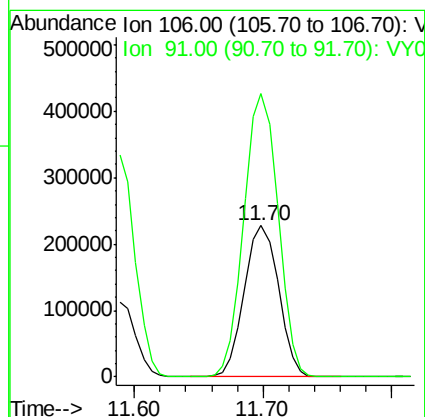
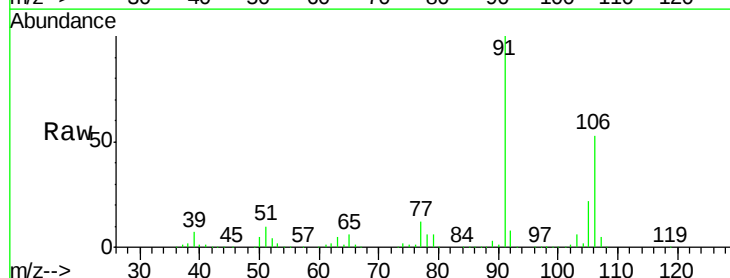
Acq: 26 Sep 2019 12:57

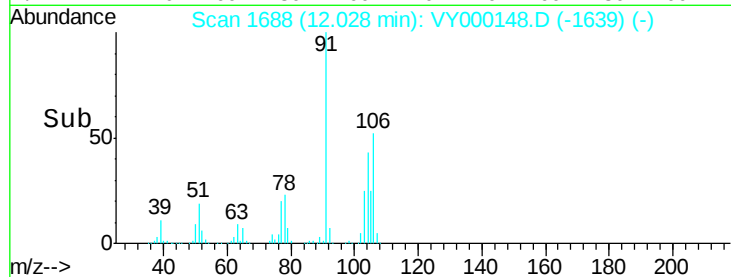
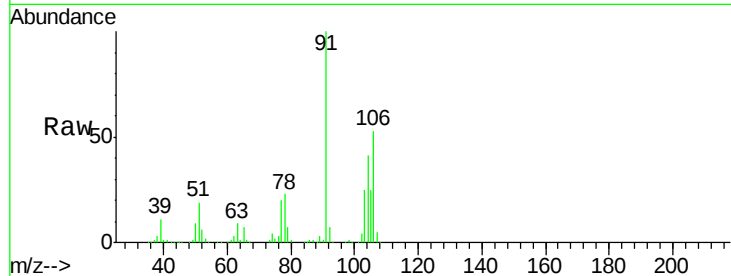
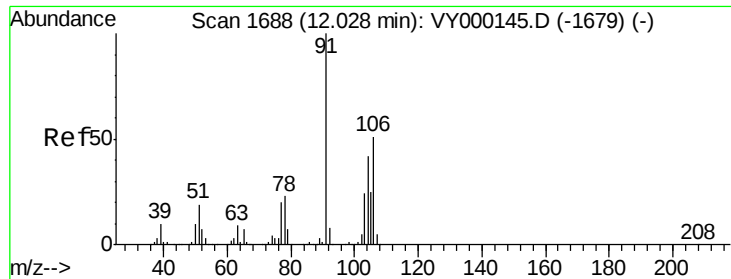
Tgt Ion: 106 Resp: 422200

Ion Ratio Lower Upper

106 100

91 185.7 148.6 223.0





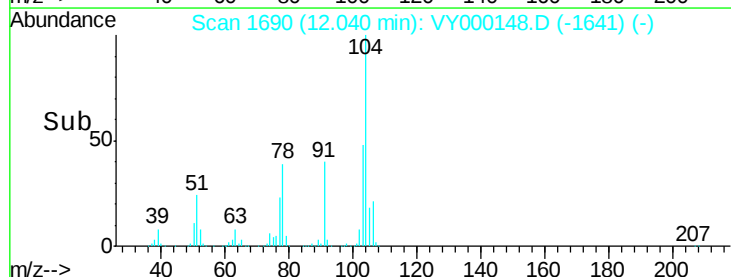
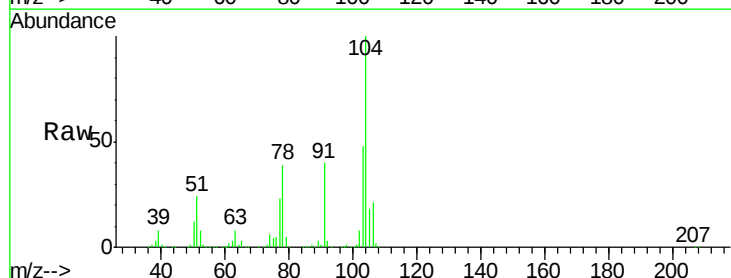
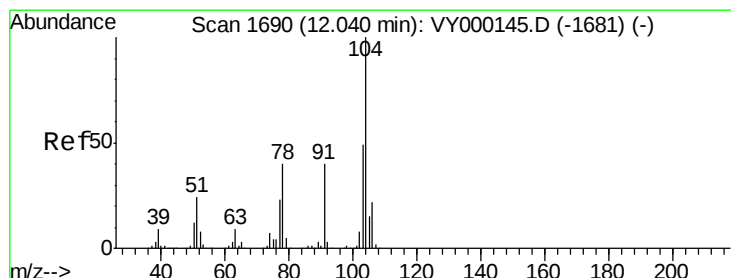
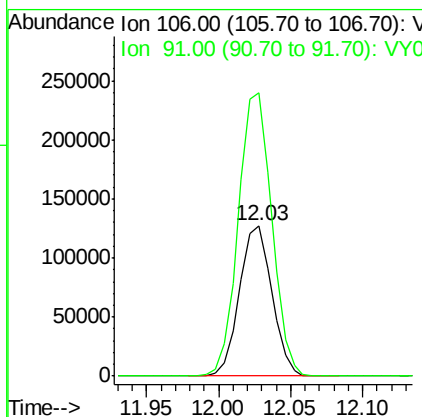
#69
o-Xylene
Concen: 51.149 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY000148.D
Acq: 26 Sep 2019 12:57

Tot Ion	Ratio	Resp	Lower	Upper
106	100	198681		
91	194.2	98.0	293.9	

Instrument :
MSVOA_Y
ClientSampleId :
ICVY092619

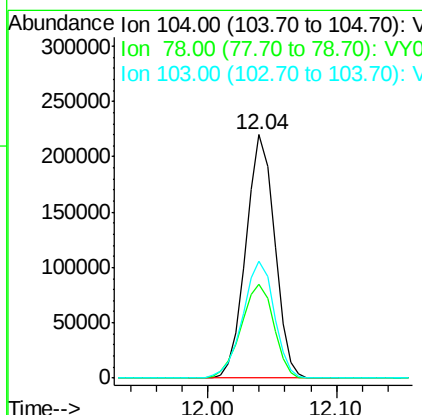
Manual Integrations
APPROVED

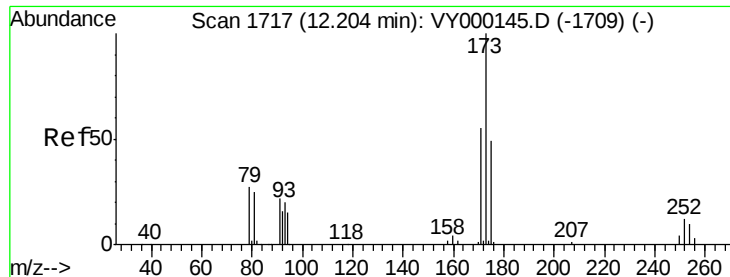
MMDadoda
10/2/2019 9:13:10 AM



#70
Styrene
Concen: 51.592 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY000148.D
Acq: 26 Sep 2019 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	339152		
78	43.9	34.7	52.1	
103	52.5	41.6	62.4	





#71

Bromoform

Concen: 55.145 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY000148.D

Acq: 26 Sep 2019 12:57

Instrument :

MSVOA_Y

ClientSampleId :

ICVY092619

Tot Ion:173 Resp: 64537

Ion Ratio Lower Upper

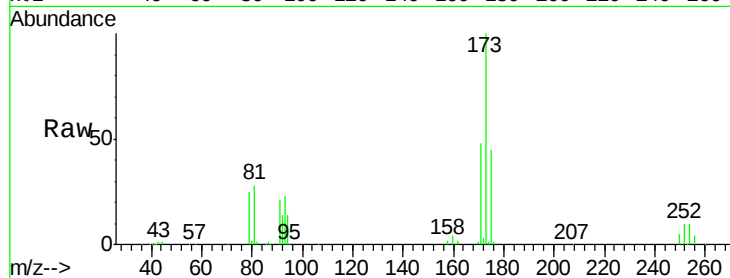
173 100

175 46.6 23.5 70.6

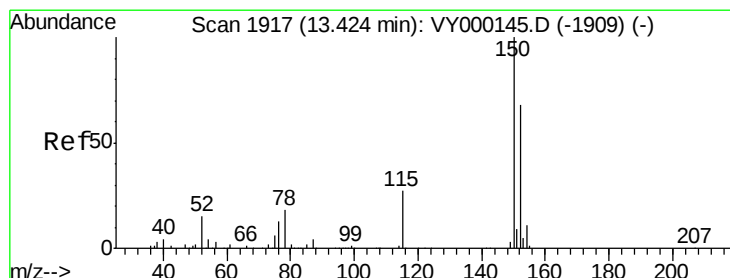
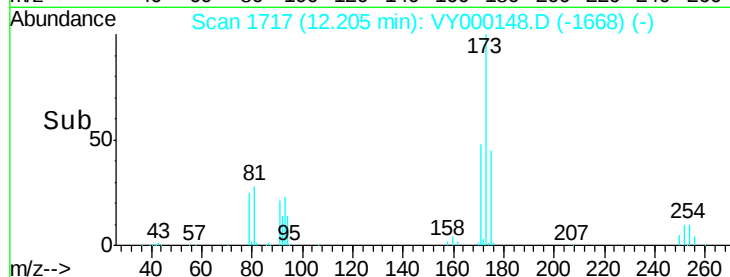
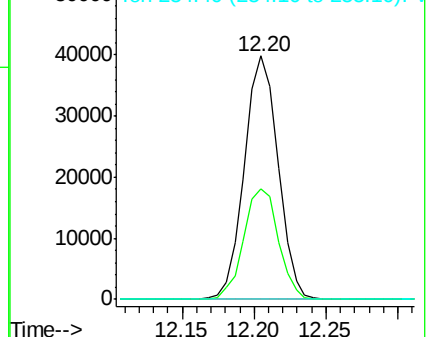
254 0.0 0.1 0.1#

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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. 0.00 min

Lab File: VY000148.D

Acq: 26 Sep 2019 12:57

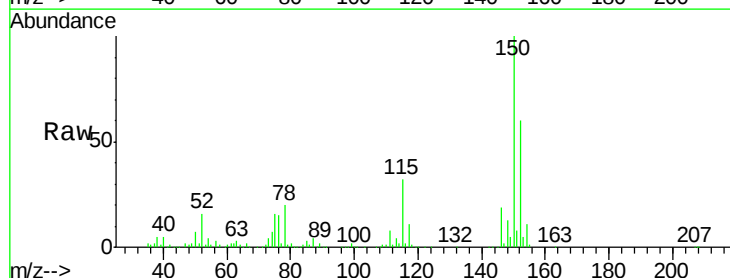
Tgt Ion:152 Resp: 140638

Ion Ratio Lower Upper

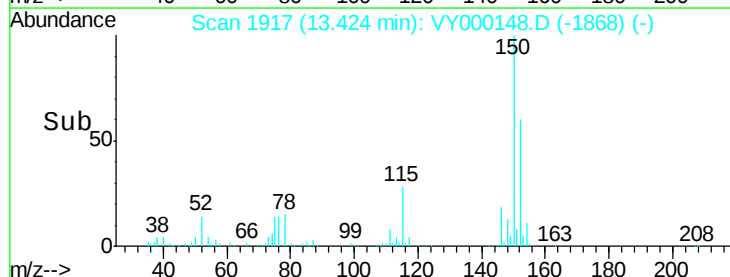
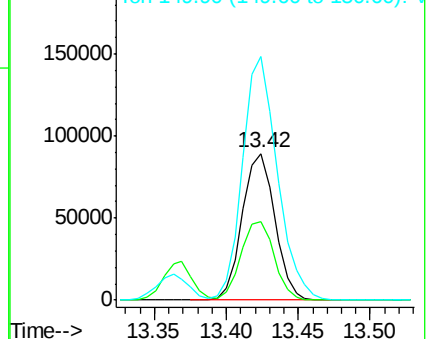
152 100

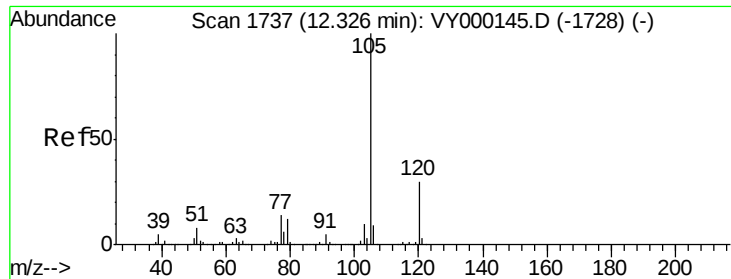
115 54.6 26.8 80.4

150 176.6 0.0 347.8



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





#73

Isopropylbenzene

Concen: 50.561 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY000148.D

Acq: 26 Sep 2019 12:57

Instrument :

MSVOA_Y

ClientSampleId :

ICVY092619

Tot Ion:105 Resp: 513042

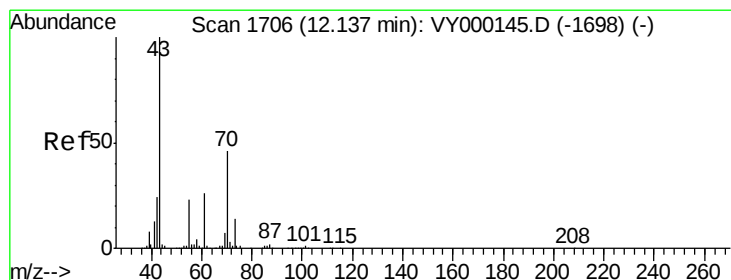
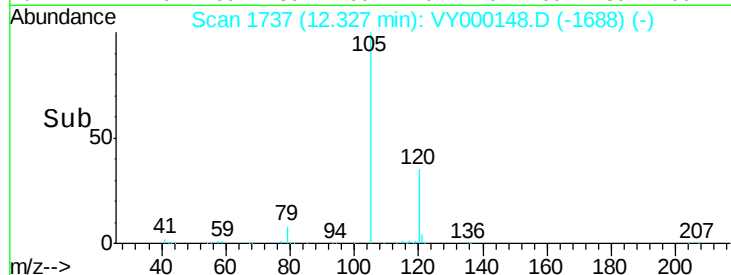
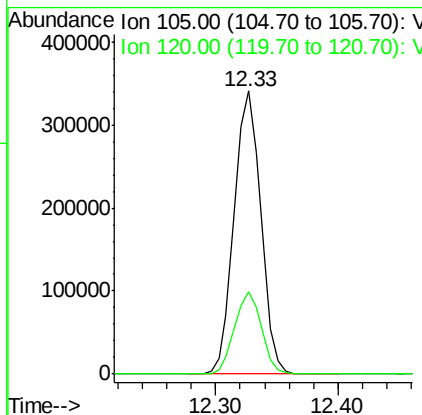
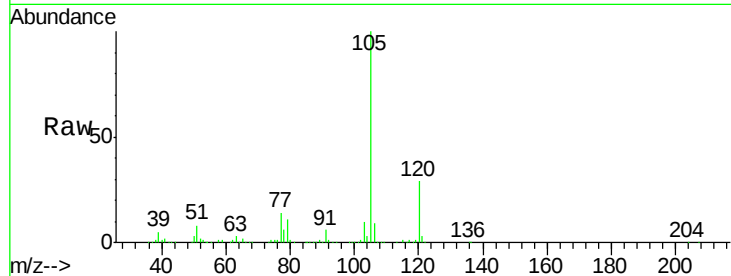
Ion Ratio Lower Upper

105 100

120 29.3 14.7 44.1

Manual Integrations
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#74

N-ethyl acetate

Concen: 51.802 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VY000148.D

Acq: 26 Sep 2019 12:57

Tgt Ion: 43 Resp: 127232

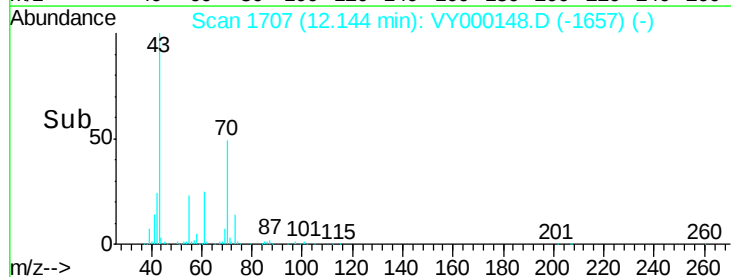
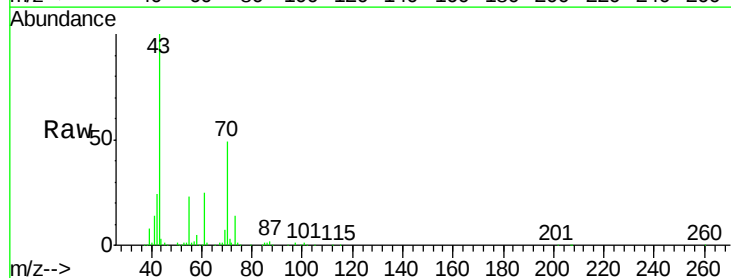
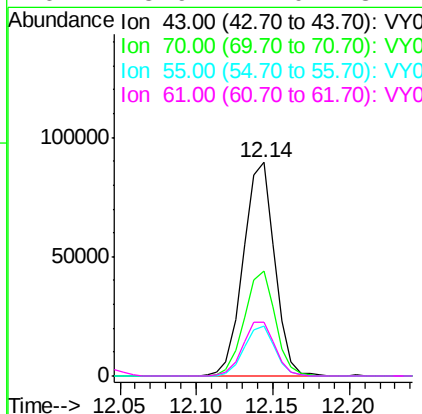
Ion Ratio Lower Upper

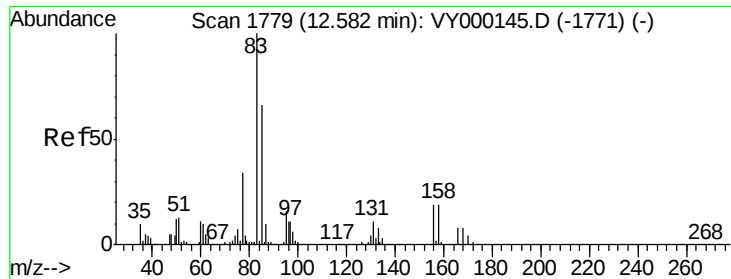
43 100

70 48.3 37.3 55.9

55 22.9 18.6 27.8

61 25.9 21.0 31.4





#75

1,1,2,2-Tetrachloroethane

Concen: 51.919 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000148.D

Acq: 26 Sep 2019 12:57

Instrument :

MSVOA_Y

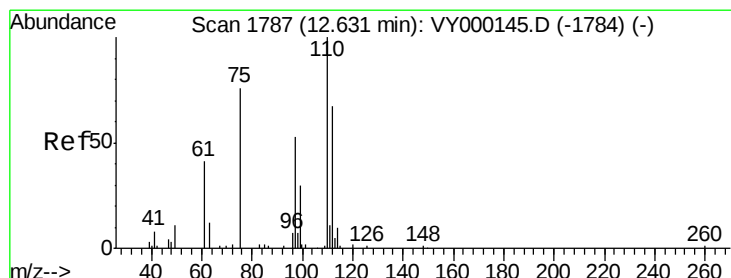
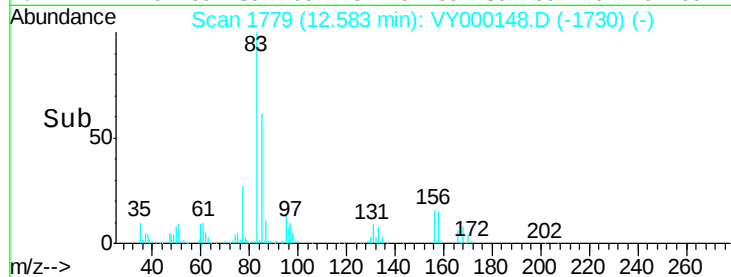
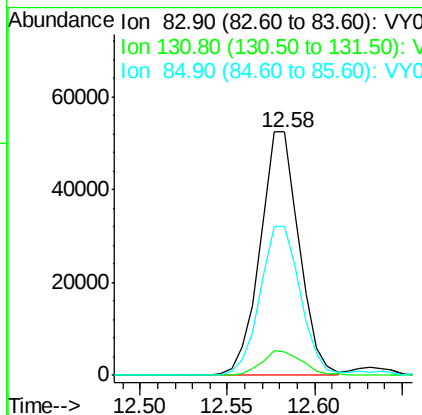
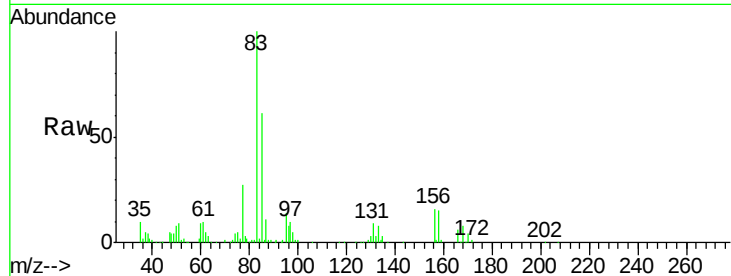
ClientSampleId :

ICVY092619

Tot Ion:	83	Resp:	82003
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.4	16.2
85	63.5	32.5	97.5

Manual Integrations
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10/2/2019 9:13:10 AM



#76

1,2,3-Trichloropropane

Concen: 45.151 ug/l m

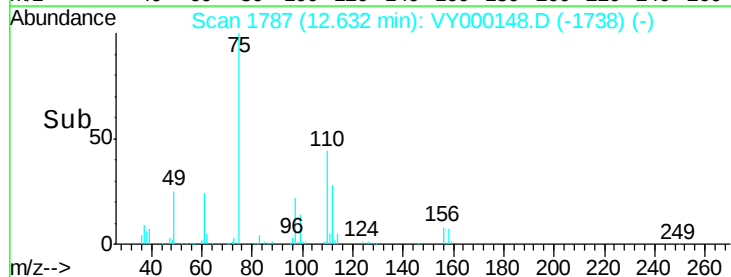
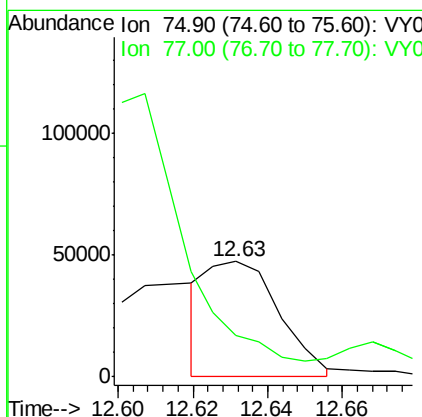
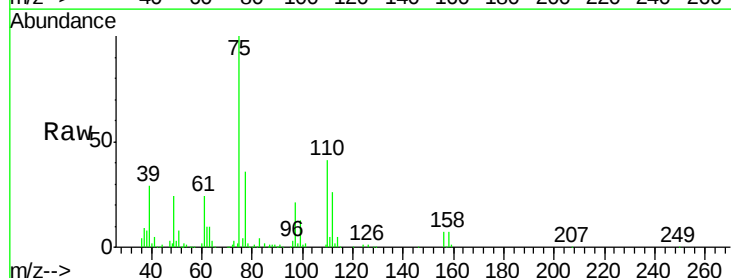
RT: 12.63 min Scan# 1787

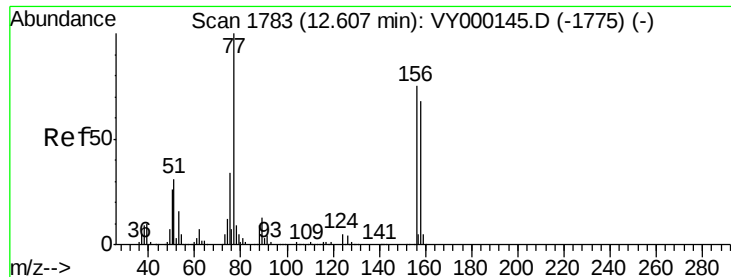
Delta R.T. 0.00 min

Lab File: VY000148.D

Acq: 26 Sep 2019 12:57

Tgt Ion:	75	Resp:	63907
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





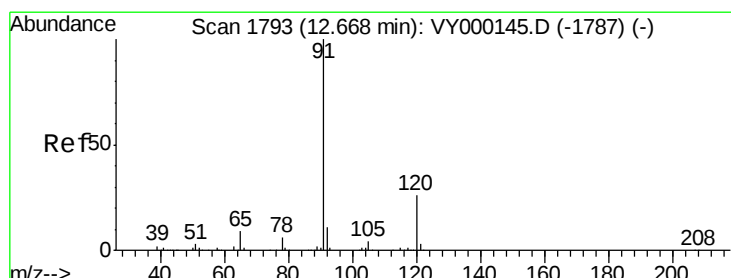
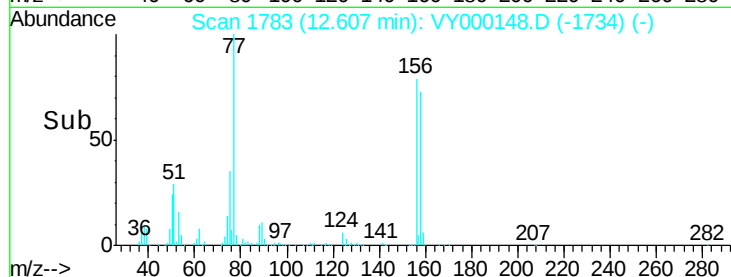
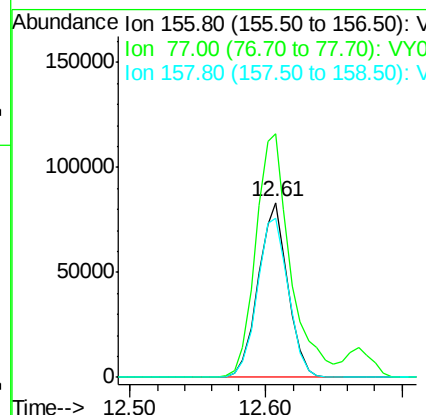
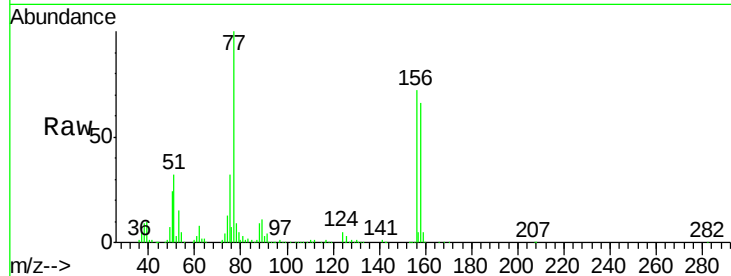
#77
Bromobenzene
Concen: 50.291 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VY000148.D
Acq: 26 Sep 2019 12:57

Instrument :
MSVOA_Y
ClientSampleId :
ICVY092619

Tot Ion	Ratio	Lower	Upper
156	100		
77	164.2	83.0	249.2
158	96.7	47.4	142.2

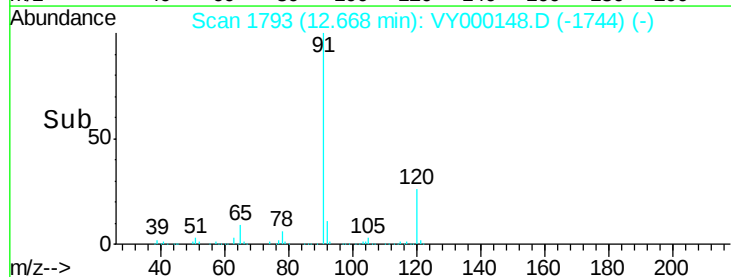
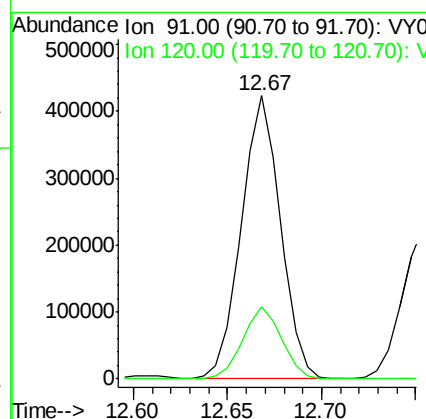
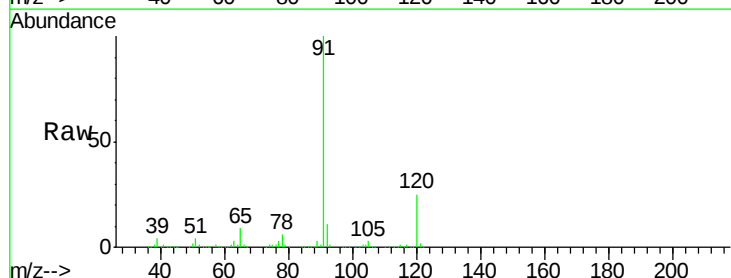
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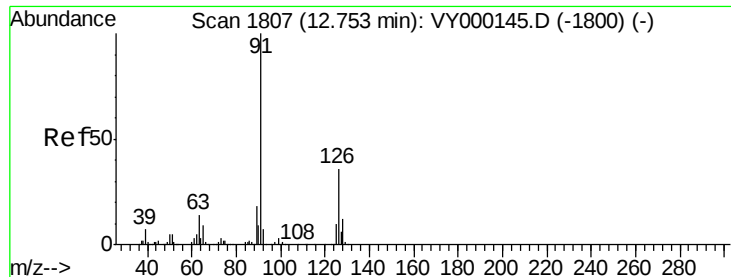
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#78
n-propylbenzene
Concen: 50.219 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VY000148.D
Acq: 26 Sep 2019 12:57

Tgt Ion	Ratio	Lower	Upper
91	100		
120	25.3	12.8	38.3





#79

2-Chlorotoluene

Concen: 49.733 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY000148.D

Acq: 26 Sep 2019 12:57

Instrument :

MSVOA_Y

ClientSampleId :

ICVY092619

Tot Ion: 91 Resp: 327315

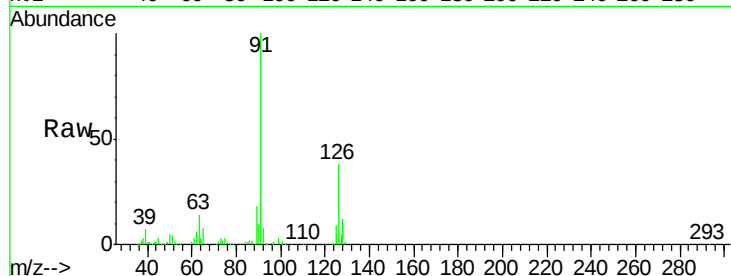
Ion Ratio Lower Upper

91 100

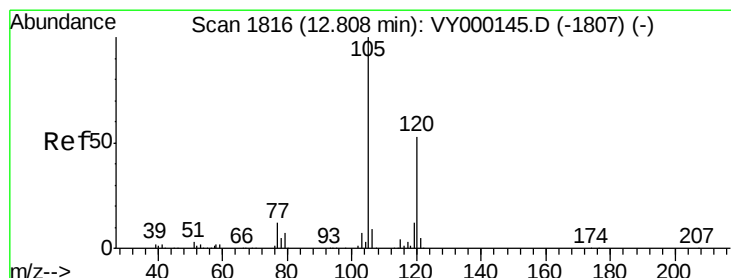
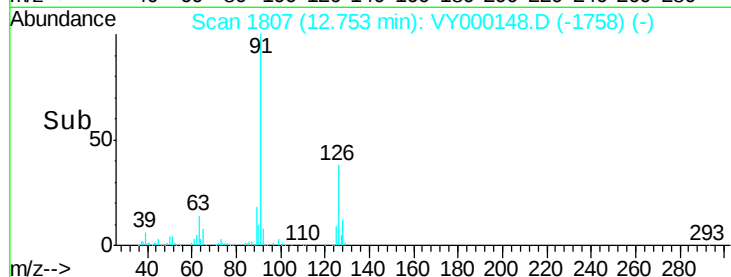
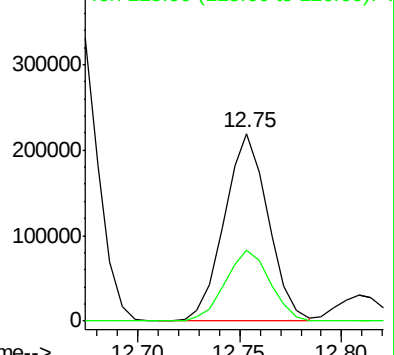
126 39.0 19.1 57.5

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Abundance Ion 91.00 (90.70 to 91.70): VY000145.D (-1800) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.991 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY000148.D

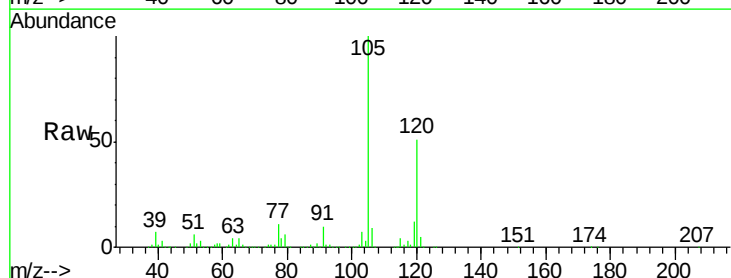
Acq: 26 Sep 2019 12:57

Tgt Ion: 105 Resp: 430404

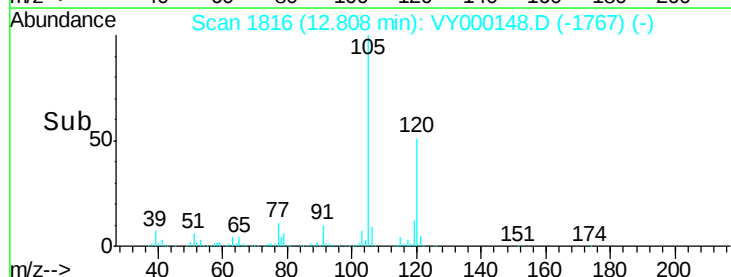
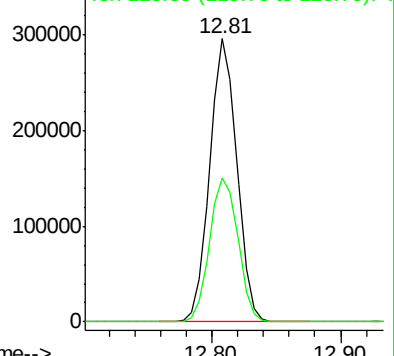
Ion Ratio Lower Upper

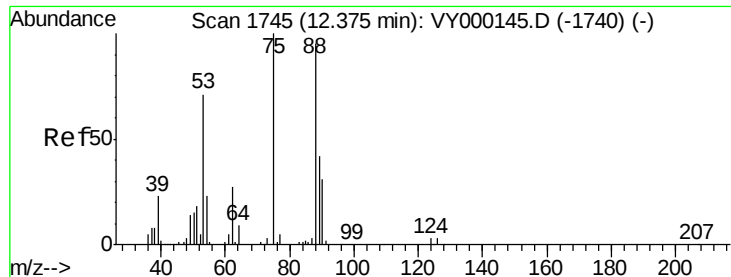
105 100

120 53.2 26.7 80.0



Abundance Ion 105.00 (104.70 to 105.70): VY000145.D (-1807) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 52.811 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY000148.D

Acq: 26 Sep 2019 12:57

Instrument :

MSVOA_Y

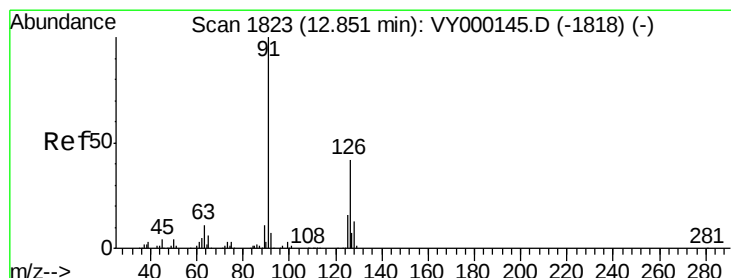
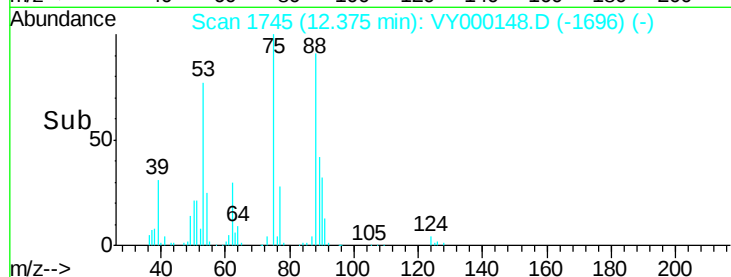
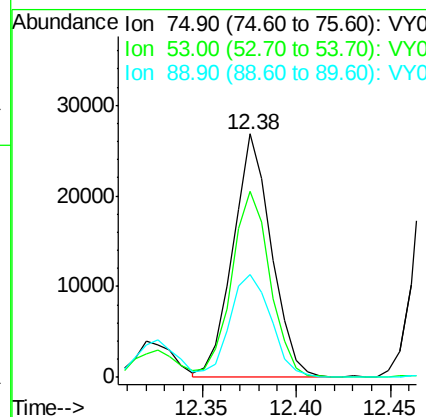
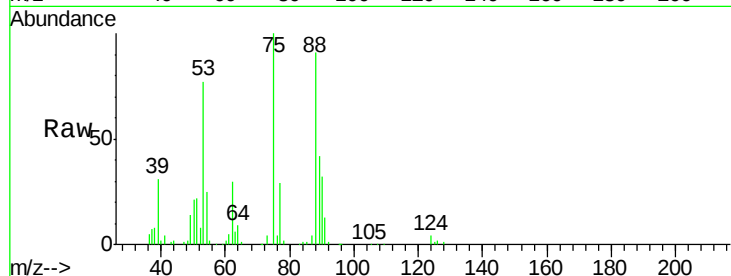
ClientSampleId :

ICVY092619

Tot Ion:	75	Resp:	37509
Ion	Ratio	Lower	Upper
75	100		
53	77.2	61.8	92.8
89	46.0	35.6	53.4

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#82

4-Chlorotoluene

Concen: 50.889 ug/l

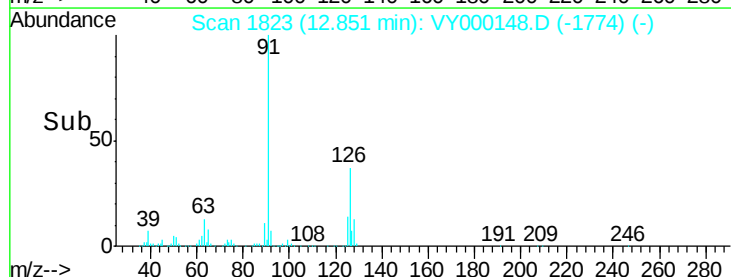
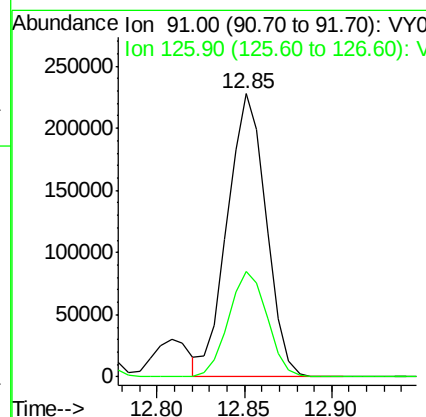
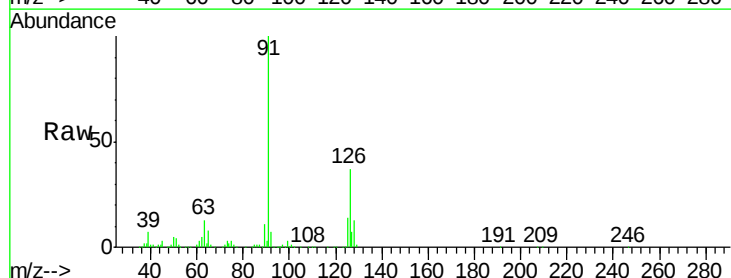
RT: 12.85 min Scan# 1823

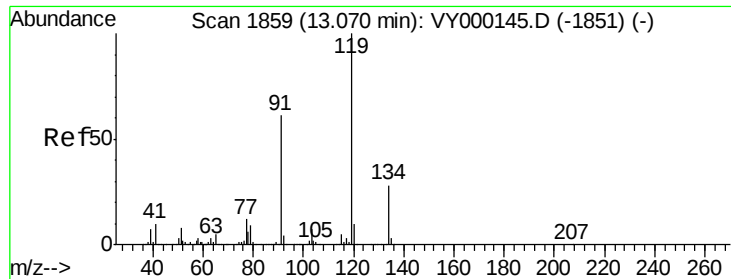
Delta R.T. 0.00 min

Lab File: VY000148.D

Acq: 26 Sep 2019 12:57

Tgt Ion:	91	Resp:	348961
Ion	Ratio	Lower	Upper
91	100		
126	37.2	19.4	58.2





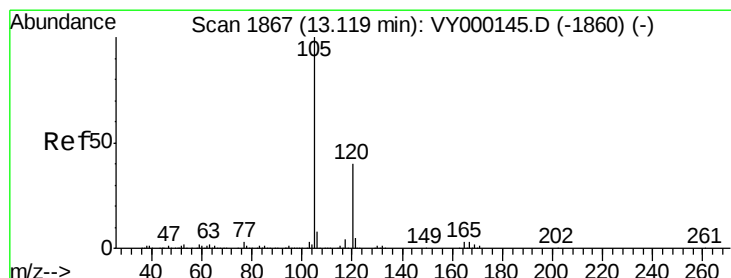
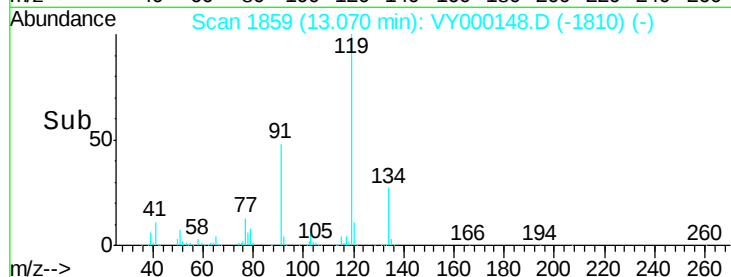
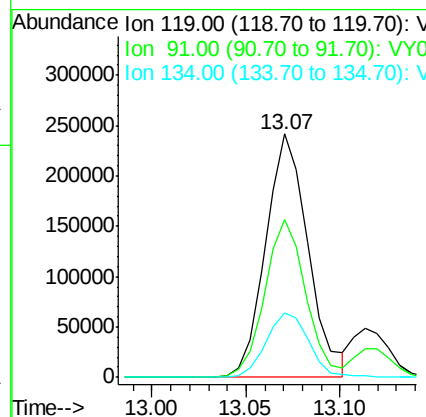
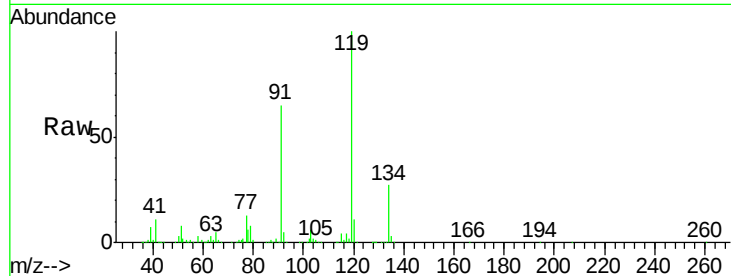
#83
tert-Butylbenzene
Concen: 51.843 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY000148.D
Acq: 26 Sep 2019 12:57

Instrument :
MSVOA_Y
ClientSampleId :
ICVY092619

Tot Ion	Ratio	Resp	Lower	Upper
119	100	376838		
91	62.7	31.0	93.0	
134	27.0	14.0	41.9	

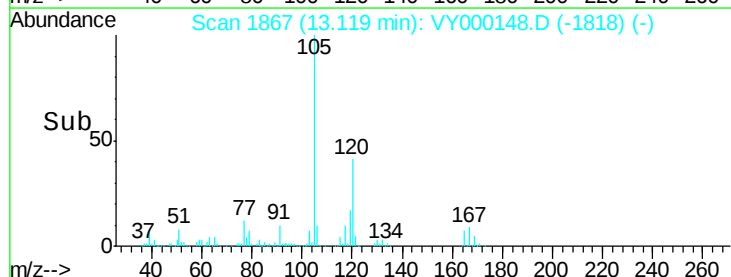
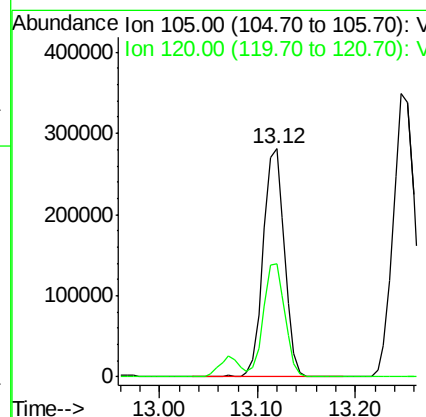
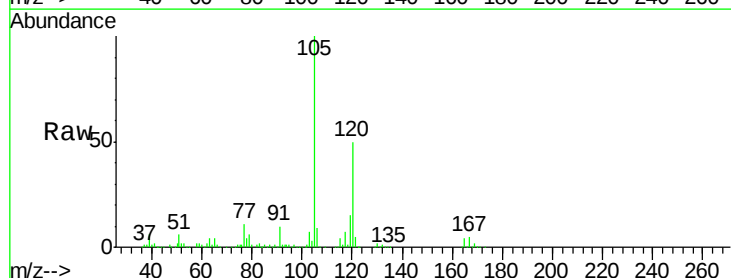
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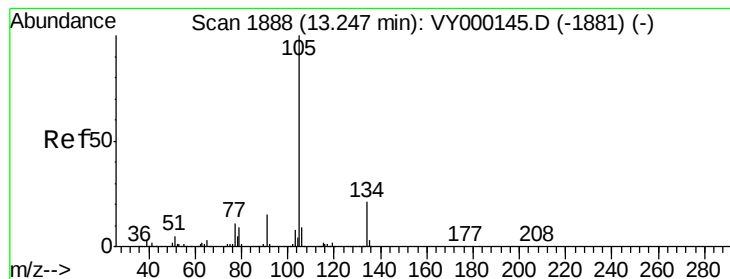
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#84
1,2,4-Trimethylbenzene
Concen: 49.950 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY000148.D
Acq: 26 Sep 2019 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	426083		
120	50.0	24.6	73.8	





#85

sec-Butylbenzene

Concen: 51.296 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. 0.00 min

Lab File: VY000148.D

Acq: 26 Sep 2019 12:57

Instrument :

MSVOA_Y

ClientSampleId :

ICVY092619

Tot Ion:105 Resp: 535323

Ion Ratio Lower Upper

105 100

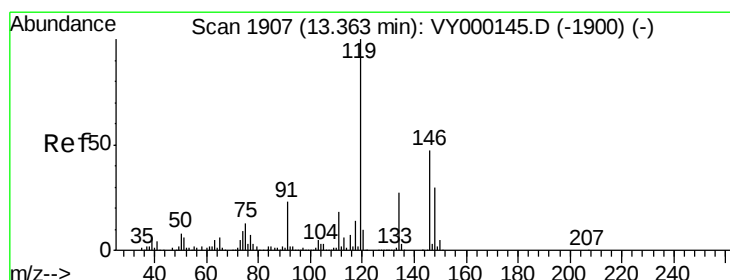
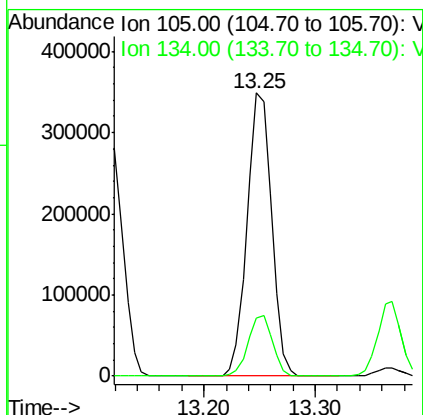
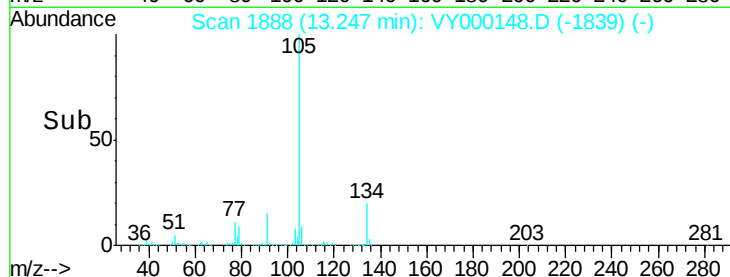
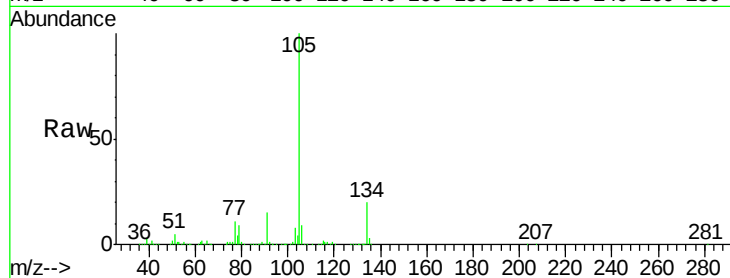
134 21.2 10.9 32.9

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#86

p-Isopropyltoluene

Concen: 51.570 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.01 min

Lab File: VY000148.D

Acq: 26 Sep 2019 12:57

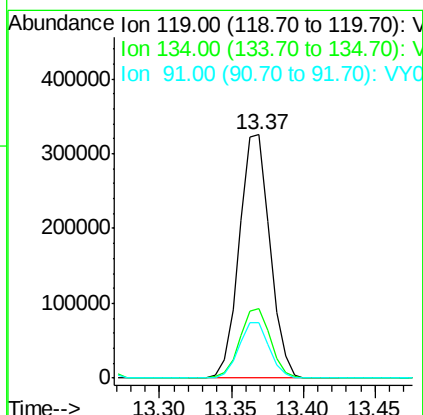
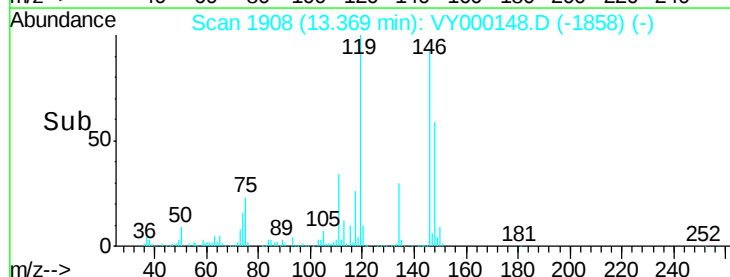
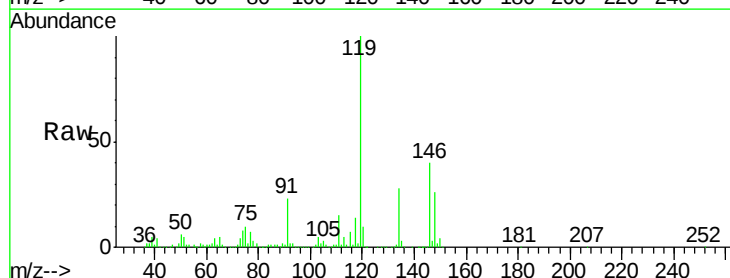
Tgt Ion:119 Resp: 479267

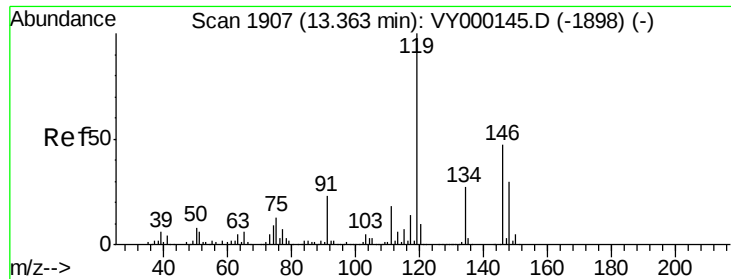
Ion Ratio Lower Upper

119 100

134 28.4 14.3 42.9

91 22.6 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 49.522 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY000148.D

Acq: 26 Sep 2019 12:57

Instrument :

MSVOA_Y

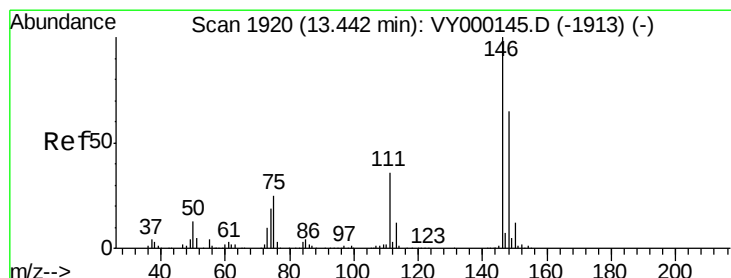
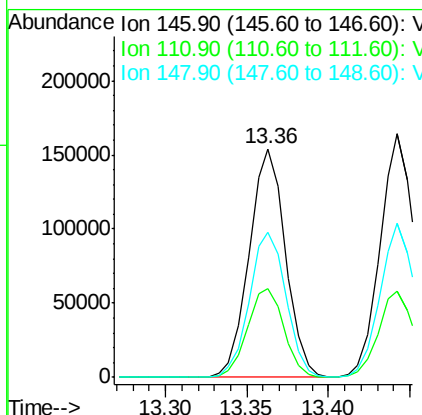
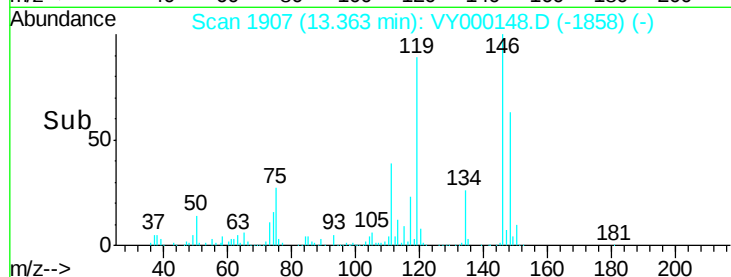
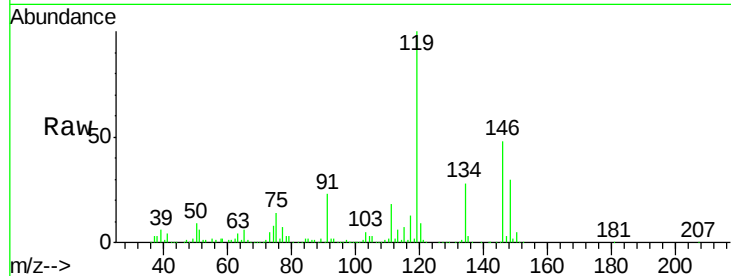
ClientSampleId :

ICVY092619

Tot Ion	Ratio	Resp	Lower	Upper
146	100	237854		
111	38.9	19.0	57.0	
148	64.1	31.6	94.8	

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#88

1,4-Dichlorobenzene

Concen: 51.146 ug/l

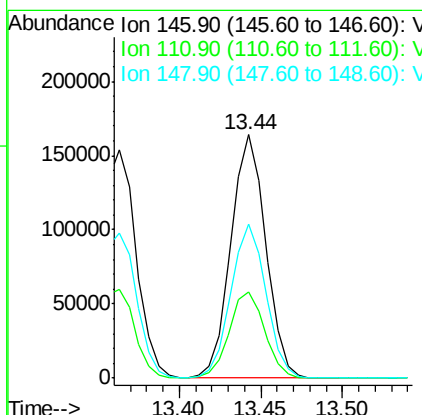
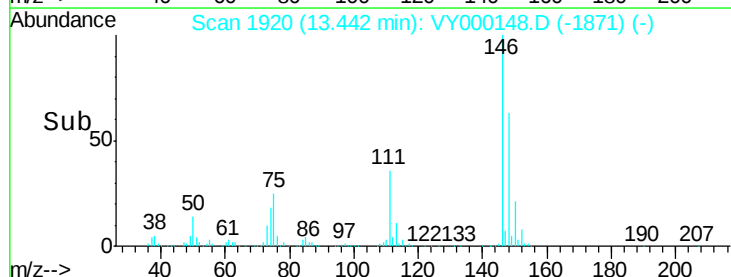
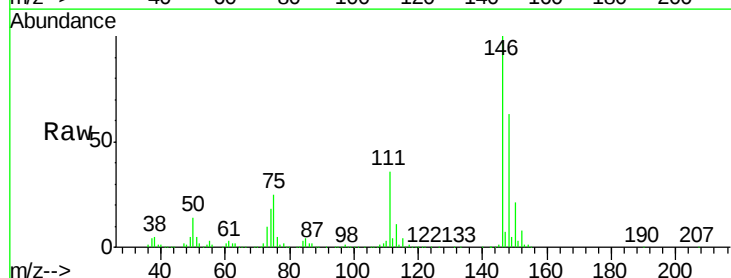
RT: 13.44 min Scan# 1920

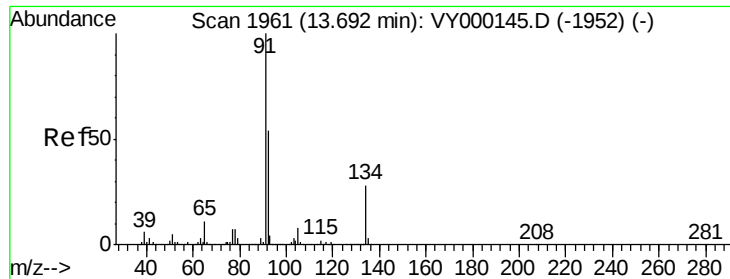
Delta R.T. 0.00 min

Lab File: VY000148.D

Acq: 26 Sep 2019 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	244533		
111	36.1	18.3	54.9	
148	63.6	31.9	95.7	





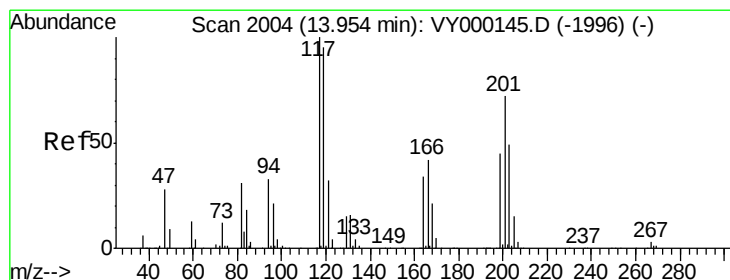
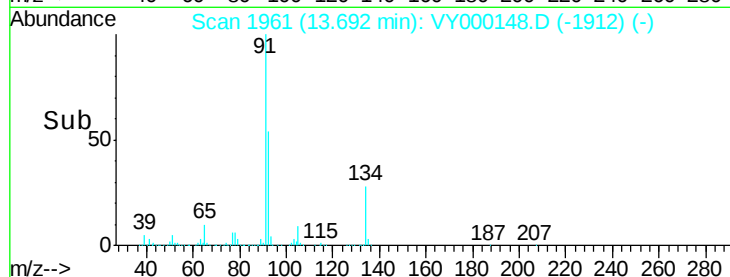
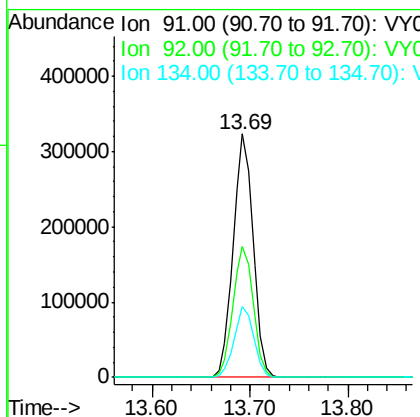
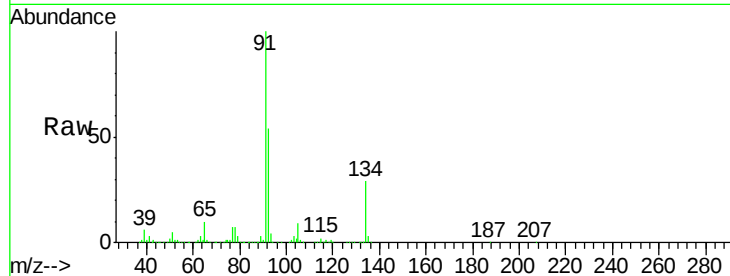
#89
n-Butylbenzene
Concen: 51.795 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY000148.D
Acq: 26 Sep 2019 12:57

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY092619

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	26.8	80.4
134	28.8	14.4	43.2

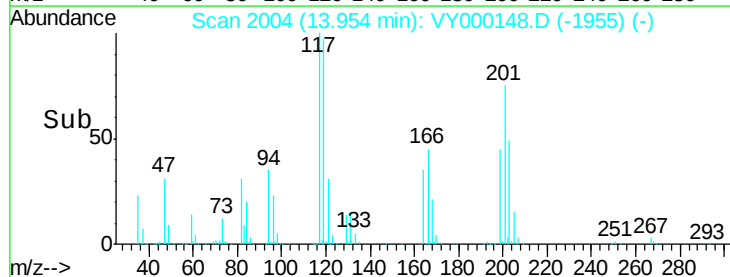
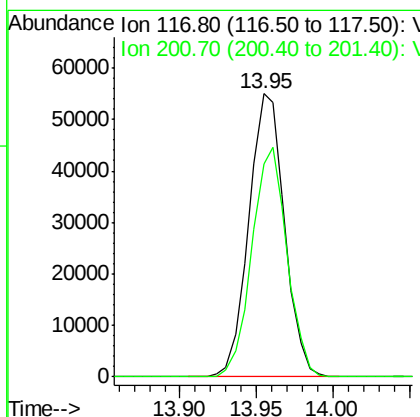
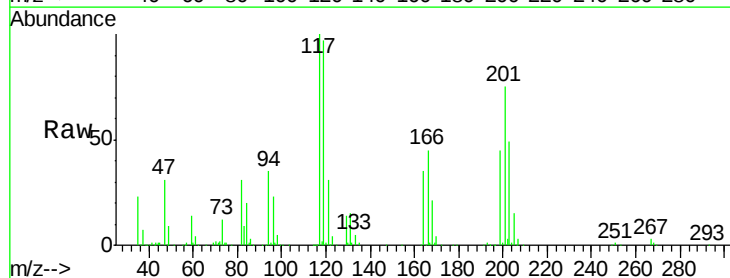
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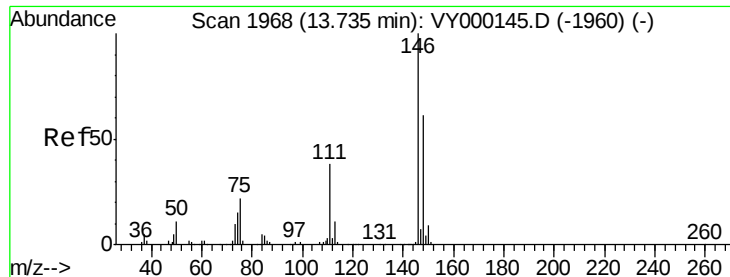
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#90
Hexachloroethane
Concen: 50.814 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. 0.00 min
Lab File: VY000148.D
Acq: 26 Sep 2019 12:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.8	38.6	115.8





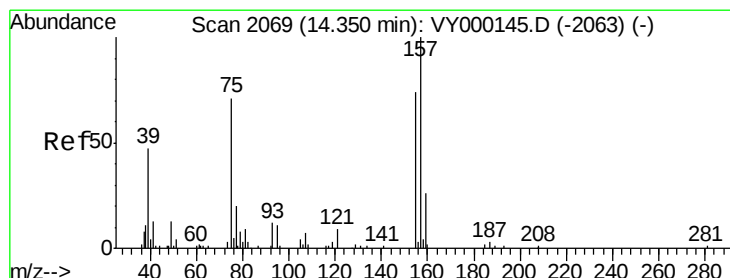
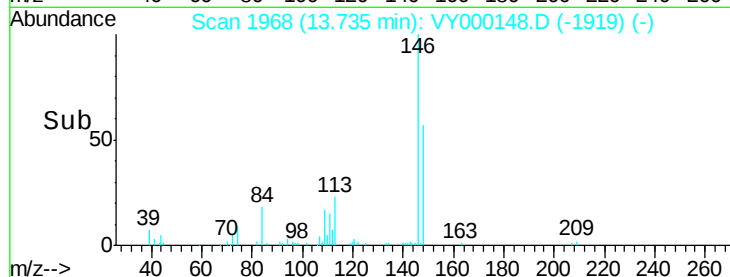
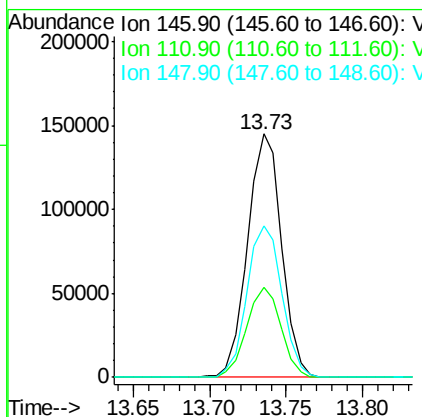
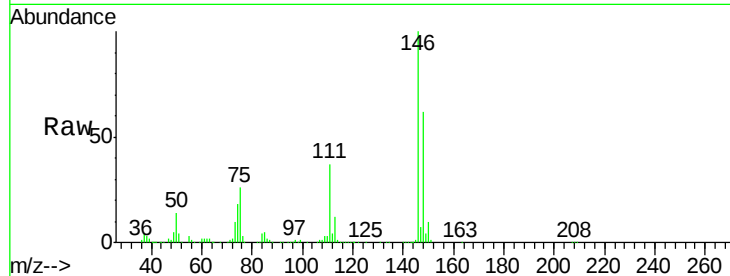
#91
 1,2-Dichlorobenzene
 Concen: 51.031 ug/l
 RT: 13.73 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VY000148.D
 Acq: 26 Sep 2019 12:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY092619

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	19.2	57.6
148	64.0	31.9	95.7

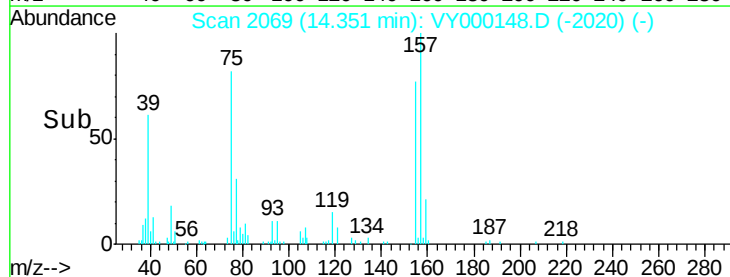
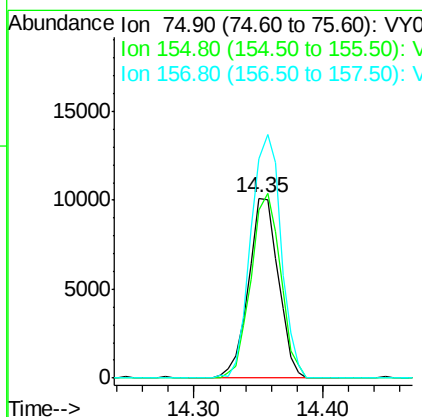
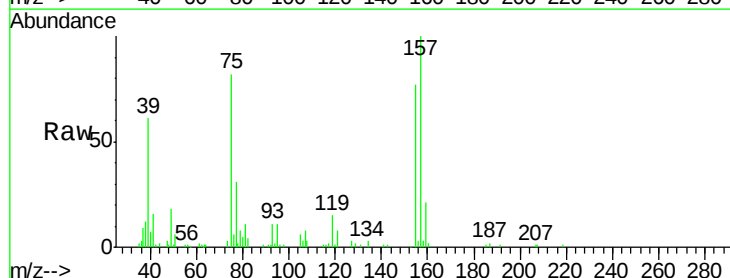
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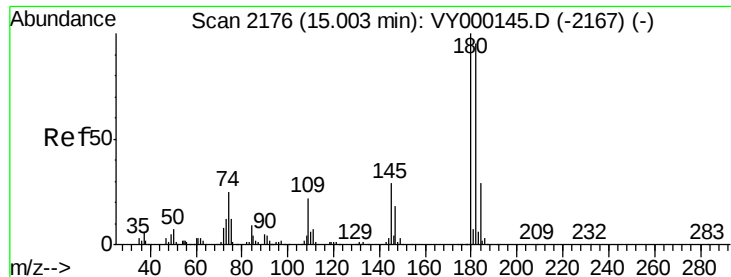
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 10/2/2019 9:13:10 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.736 ug/l
 RT: 14.35 min Scan# 2069
 Delta R.T. 0.00 min
 Lab File: VY000148.D
 Acq: 26 Sep 2019 12:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.7	51.3	153.9
157	136.6	67.3	201.8





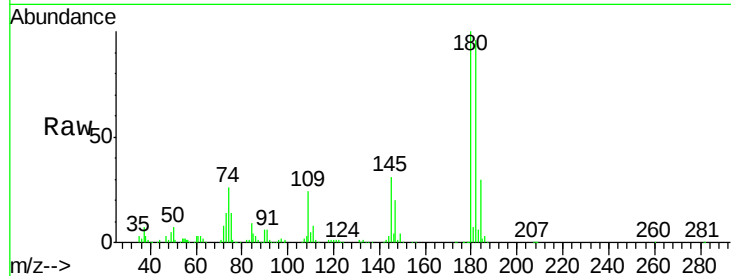
#93
 1,2,4-Trichlorobenzene
 Concen: 50.964 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY000148.D
 Acq: 26 Sep 2019 12:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY092619

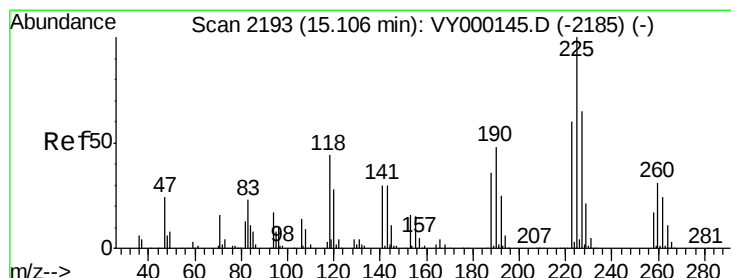
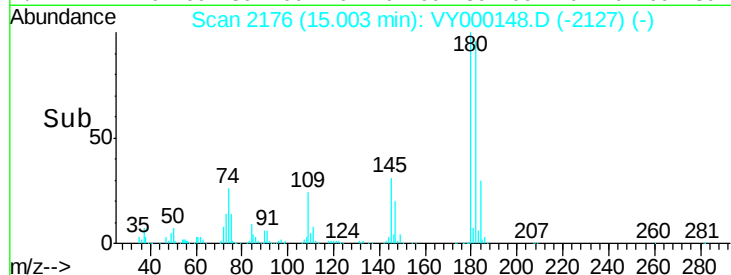
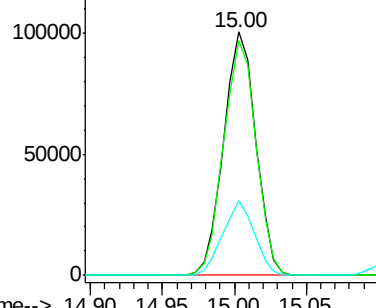
Tot Ion	Ratio	Resp	Lower	Upper
180	100	155171		
182	96.7	47.0	141.2	
145	30.2	14.6	44.0	

Manual Integrations
 APPROVED

MMDadoda
 10/2/2019 9:13:10 AM

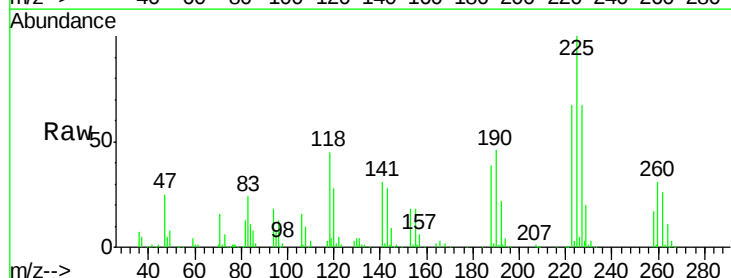


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

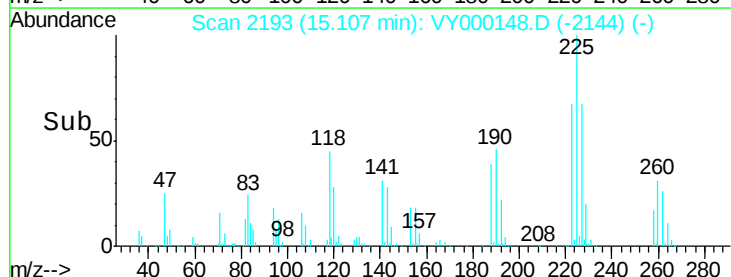
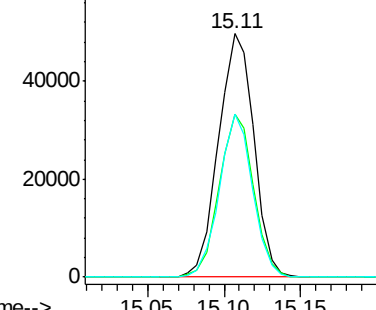


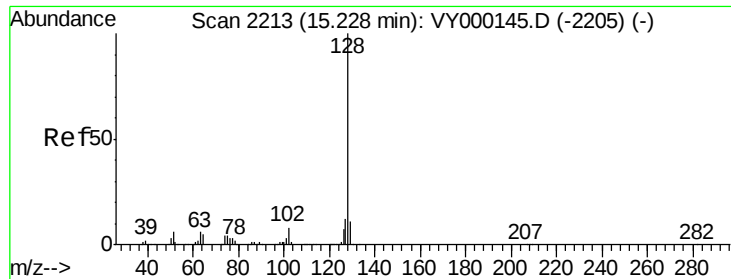
#94
 Hexachlorobutadiene
 Concen: 53.793 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY000148.D
 Acq: 26 Sep 2019 12:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	79912		
223	65.1	31.5	94.5	
227	62.7	32.4	97.0	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 50.760 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.01 min

Lab File: VY000148.D

Acq: 26 Sep 2019 12:57

Instrument :

MSVOA_Y

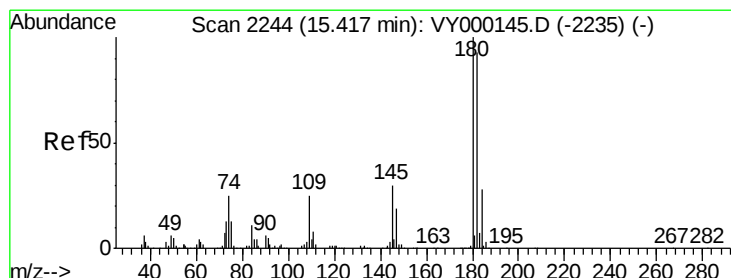
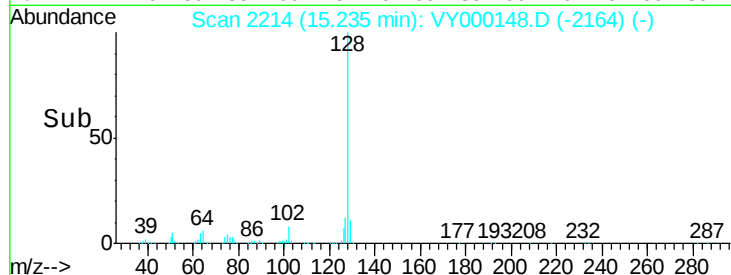
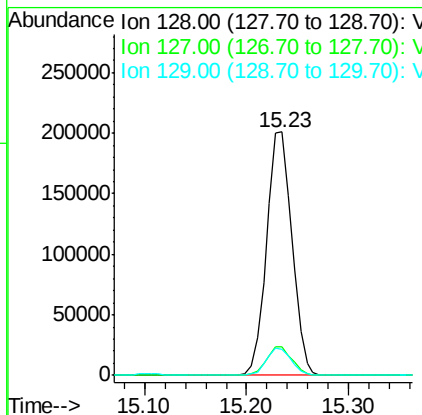
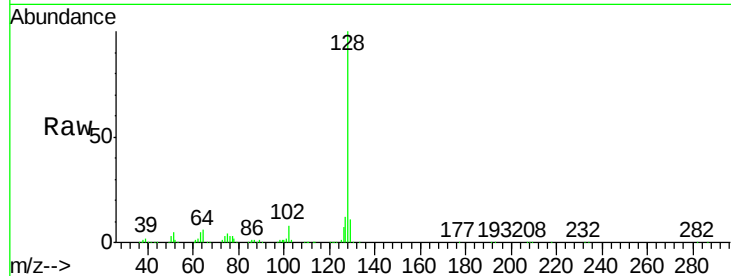
ClientSampleId :

ICVY092619

Tot Ion:	128	Resp:	346062
Ion Ratio	Lower	Upper	
128	100		
127	11.8	9.5	14.3
129	10.9	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
10/2/2019 9:13:10 AM



#96

1,2,3-Trichlorobenzene

Concen: 51.185 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. 0.01 min

Lab File: VY000148.D

Acq: 26 Sep 2019 12:57

Tgt Ion:	180	Resp:	139770
Ion Ratio	Lower	Upper	
180	100		
182	94.8	46.6	139.7
145	31.2	15.4	46.4

