

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV100219\
 Data File : VW013397.D
 Acq On : 02 Oct 2019 23:49
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/4/2019 12:11:17 PM

Quant Time: Oct 03 08:00:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 11:49:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	334799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	490827	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	440127	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	224856	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	147545	59.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.04%	
35) Dibromofluoromethane	7.88	113	147477	57.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.52%	
50) Toluene-d8	10.32	98	617979	57.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.64%	
62) 4-Bromofluorobenzene	12.62	95	215131	60.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	70977	54.811	ug/l	98
3) Chloromethane	2.21	50	107539	50.325	ug/l	100
4) Vinyl Chloride	2.36	62	150678	49.684	ug/l	97
5) Bromomethane	2.76	94	97024	52.073	ug/l	99
6) Chloroethane	2.92	64	85335	48.730	ug/l	96
7) Trichlorofluoromethane	3.25	101	57507	43.708	ug/l	100
8) Diethyl Ether	3.67	74	83048	54.534	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	144701	49.606	ug/l	99
10) Methyl Iodide	4.27	142	243794	51.752	ug/l	99
11) Tert butyl alcohol	5.15	59	58540	285.403	ug/l	100
12) 1,1-Dichloroethene	4.04	96	154765	50.216	ug/l	96
13) Acrolein	3.89	56	59309	235.303	ug/l	98
14) Allyl chloride	4.66	41	222500	48.802	ug/l	99
15) Acrylonitrile	5.35	53	190451	276.649	ug/l	99
16) Acetone	4.11	43	156164	203.802	ug/l	90
17) Carbon Disulfide	4.38	76	436933	50.819	ug/l	99
18) Methyl Acetate	4.66	43	96794	53.971	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	252808	55.733	ug/l	96
20) Methylene Chloride	4.91	84	167228	52.362	ug/l	98
21) trans-1,2-Dichloroethene	5.41	96	167289	50.970	ug/l	100
22) Diisopropyl ether	6.31	45	479607	54.472	ug/l	97
23) Vinyl Acetate	6.25	43	1441025	272.754	ug/l	98
24) 1,1-Dichloroethane	6.21	63	281396	52.471	ug/l	99
25) 2-Butanone	7.17	43	249782	254.755	ug/l	96
26) 2,2-Dichloropropane	7.16	77	146418	47.092	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	183692	53.469	ug/l	96
28) Bromochloromethane	7.51	49	117829	60.768	ug/l	95
29) Tetrahydrofuran	7.52	42	165809	289.167	ug/l	99
30) Chloroform	7.67	83	273790	52.065	ug/l	98
31) Cyclohexane	7.95	56	272870	47.711	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	213126	51.733	ug/l	99
36) 1,1-Dichloropropene	8.08	75	225780	49.526	ug/l	99
37) Ethyl Acetate	7.24	43	110083	54.698	ug/l	98
38) Carbon Tetrachloride	8.06	117	198994	50.390	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	297353	49.527	ug/l	97
40) Benzene	8.32	78	662704	51.352	ug/l	99
41) Methacrylonitrile	7.48	41	62579	51.585	ug/l	97
42) 1,2-Dichloroethane	8.40	62	175671	52.964	ug/l	98
43) Isopropyl Acetate	8.42	43	207386	54.766	ug/l	98
44) Trichloroethene	9.09	130	187322	51.546	ug/l	96
45) 1,2-Dichloropropane	9.37	63	162893	52.572	ug/l	98
46) Dibromomethane	9.46	93	83247	53.940	ug/l	98
47) Bromodichloromethane	9.64	83	202865	53.396	ug/l	97
48) Methyl methacrylate	9.43	41	98803	54.302	ug/l	98
49) 1,4-Dioxane	9.45	88	29760	1255.752	ug/l #	89
51) 4-Methyl-2-Pentanone	10.21	43	543694	273.273	ug/l	98
52) Toluene	10.38	92	429704	51.624	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	211622	53.550	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	252307	52.658	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	124090	53.898	ug/l	99
56) Ethyl methacrylate	10.64	69	174088	56.178	ug/l	98
57) 1,3-Dichloropropane	10.93	76	216244	54.028	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	381165	299.435	ug/l	99
59) 2-Hexanone	10.97	43	371768	269.587	ug/l	99
60) Dibromochloromethane	11.13	129	145940	55.409	ug/l	99
61) 1,2-Dibromoethane	11.23	107	121030	54.402	ug/l	99
64) Tetrachloroethene	10.86	164	173686	51.871	ug/l	98
65) Chlorobenzene	11.66	112	454290	50.382	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	160670	52.317	ug/l	100
67) Ethyl Benzene	11.73	91	816697	50.537	ug/l	100
68) m/p-Xylenes	11.84	106	633658	101.584	ug/l	99
69) o-Xylene	12.16	106	293592	50.906	ug/l	99
70) Styrene	12.18	104	517766	52.518	ug/l	99
71) Bromoform	12.35	173	89752	53.903	ug/l #	99
73) Isopropylbenzene	12.46	105	809456	49.214	ug/l	100
74) N-amyl acetate	12.27	43	193616	55.313	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	144795	52.012	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	108802m	54.443	ug/l	
77) Bromobenzene	12.74	156	196168	49.670	ug/l	99
78) n-propylbenzene	12.80	91	937488	49.551	ug/l	99
79) 2-Chlorotoluene	12.89	91	531802	50.607	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	683153	50.000	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	45845	48.885	ug/l	95
82) 4-Chlorotoluene	12.99	91	559114	50.792	ug/l	100
83) tert-Butylbenzene	13.21	119	603569	50.575	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	682833	50.273	ug/l	100
85) sec-Butylbenzene	13.38	105	827032	50.263	ug/l	100
86) p-Isopropyltoluene	13.49	119	771465	50.592	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	376631	50.689	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	370293	49.773	ug/l	100
89) n-Butylbenzene	13.82	91	696192	50.641	ug/l	100
90) Hexachloroethane	14.09	117	128766	51.112	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	334902	50.987	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	23237	55.804	ug/l	93

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QLast Update : Wed Oct 02 11:49:57 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	243593	51.676	ug/l	98
94) Hexachlorobutadiene	15.23	225	148338	48.443	ug/l	97
95) Naphthalene	15.36	128	444520	55.902	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	216031	52.490	ug/l	98

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

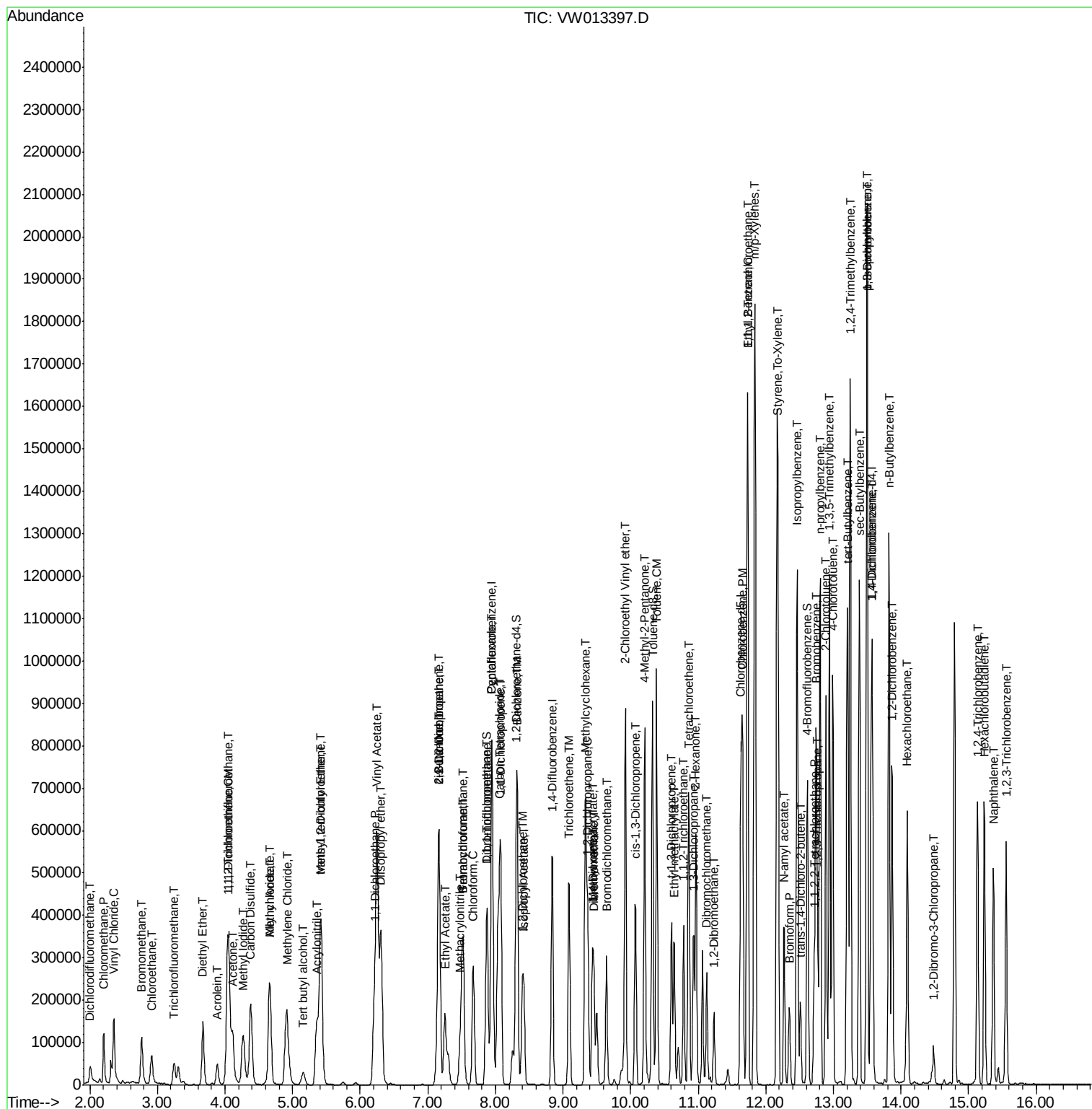
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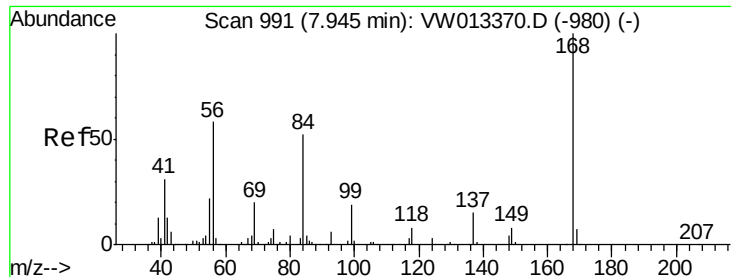
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW013397.D

Acq: 02 Oct 2019 23:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 334799

Ion Ratio Lower Upper

168 100

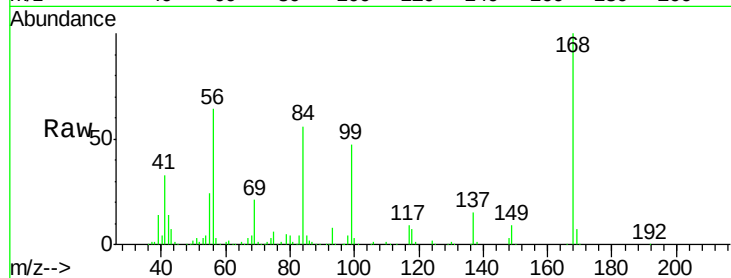
99 46.7 40.2 60.4

Manual Integrations

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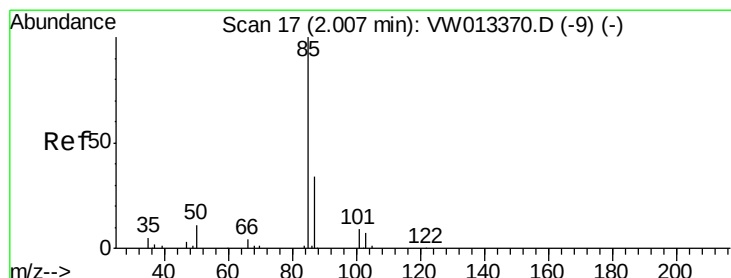
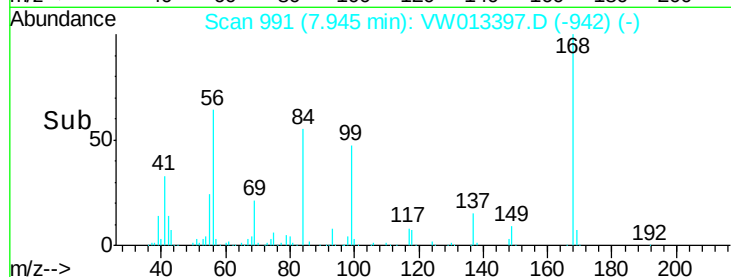
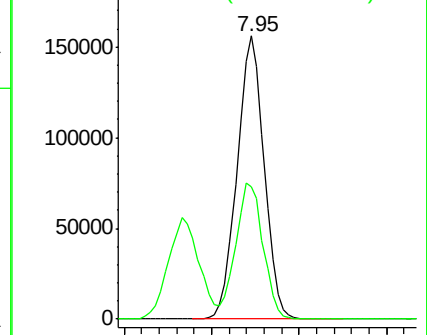
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 54.811 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW013397.D

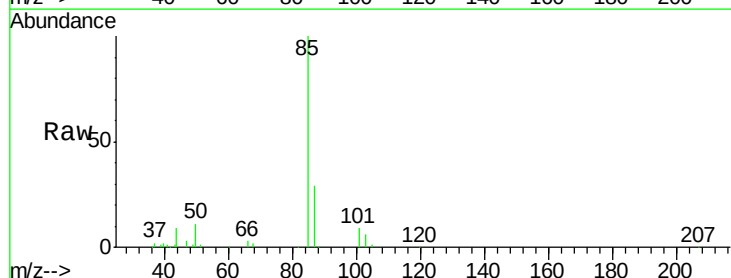
Acq: 02 Oct 2019 23:49

Tgt Ion: 85 Resp: 70977

Ion Ratio Lower Upper

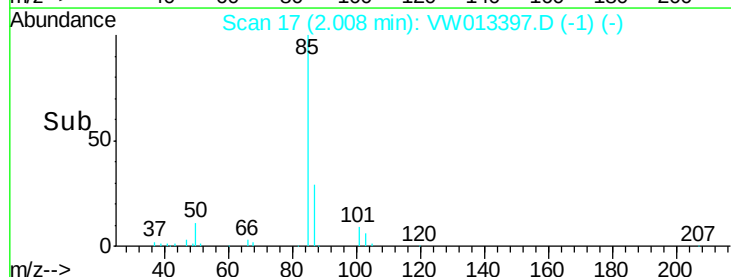
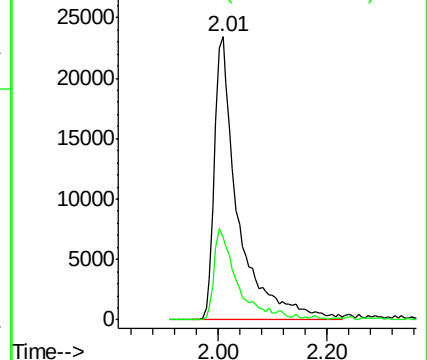
85 100

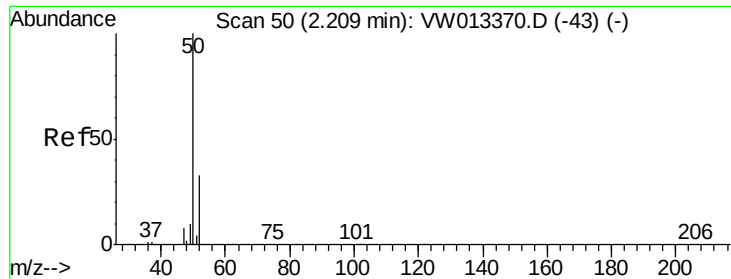
87 29.2 15.1 45.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 50.325 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW013397.D

Acq: 02 Oct 2019 23:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 107539

Ion Ratio Lower Upper

50 100

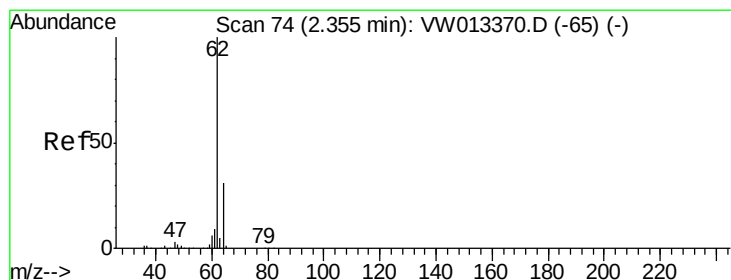
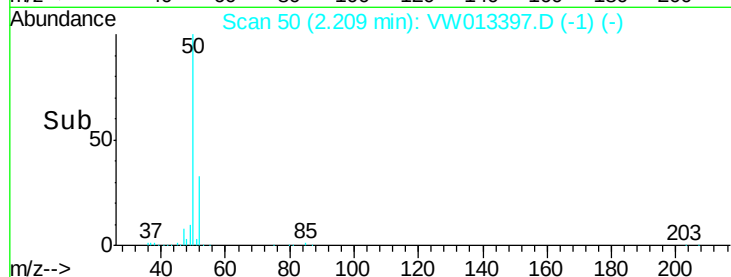
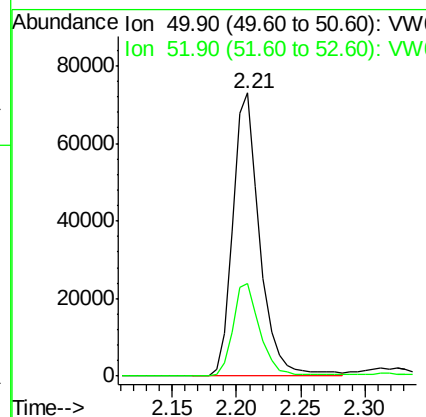
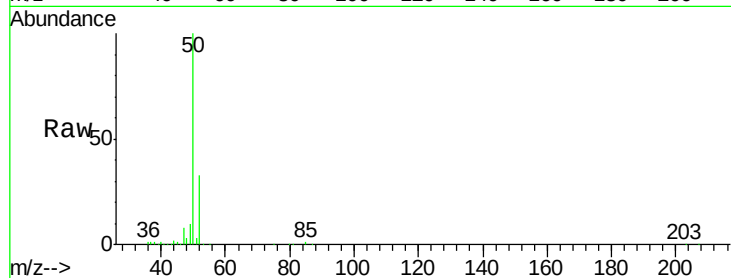
52 32.7 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 49.684 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW013397.D

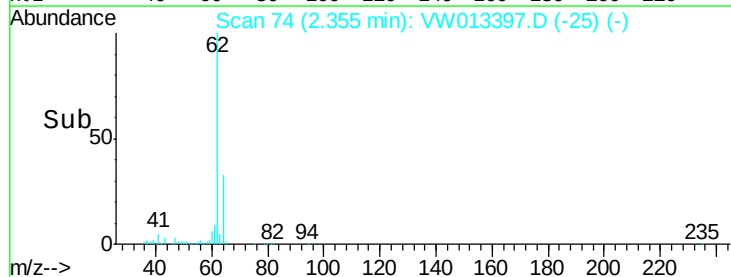
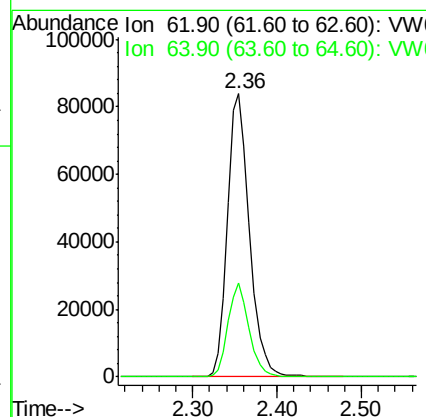
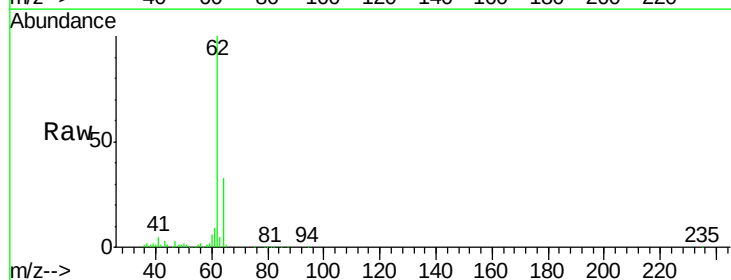
Acq: 02 Oct 2019 23:49

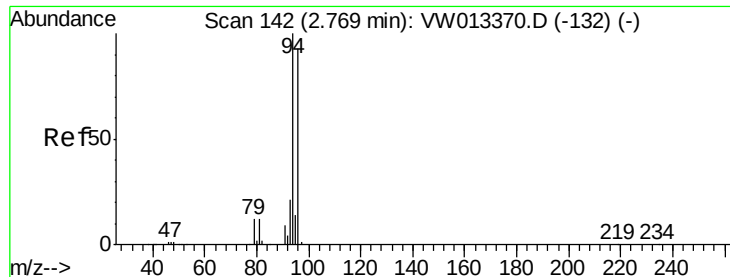
Tgt Ion: 62 Resp: 150678

Ion Ratio Lower Upper

62 100

64 33.1 25.3 37.9





#5

Bromomethane

Concen: 52.073 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW013397.D

Acq: 02 Oct 2019 23:49

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Tot Ion: 94 Resp: 97024

Ion Ratio Lower Upper

94 100

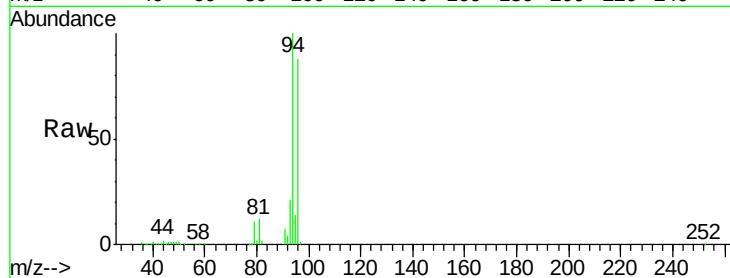
96 88.2 69.7 104.5

Manual Integrations

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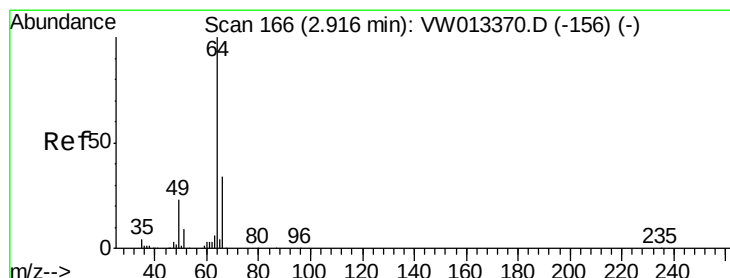
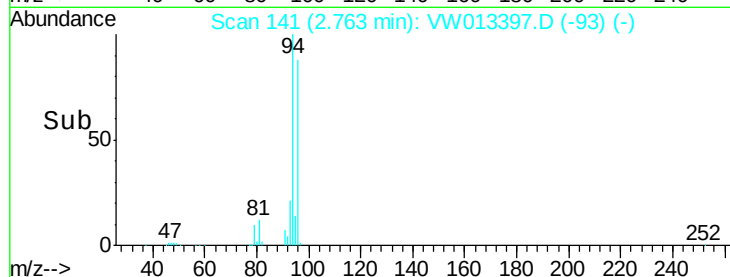
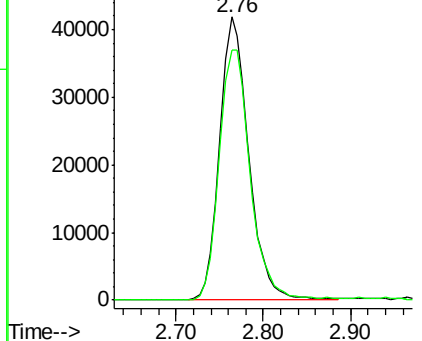
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 48.730 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW013397.D

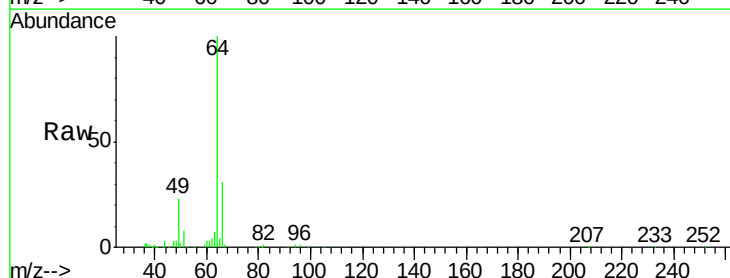
Acq: 02 Oct 2019 23:49

Tgt Ion: 64 Resp: 85335

Ion Ratio Lower Upper

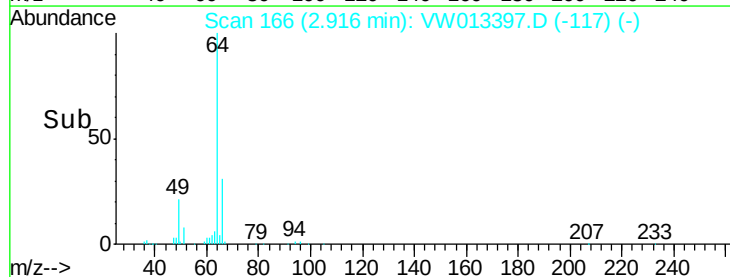
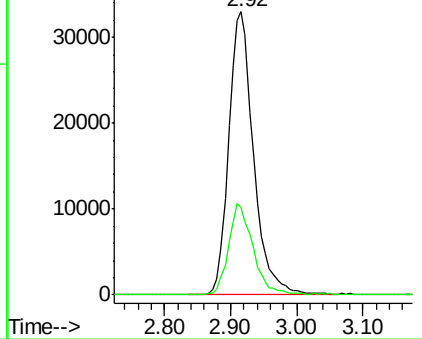
64 100

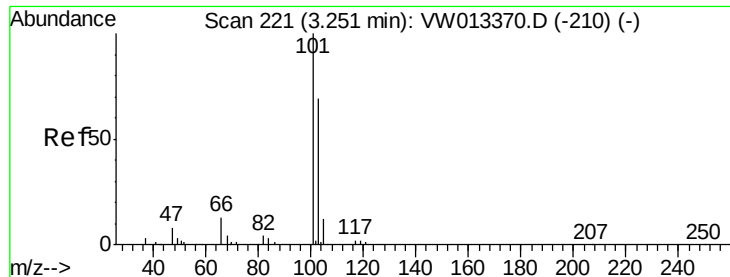
66 30.8 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

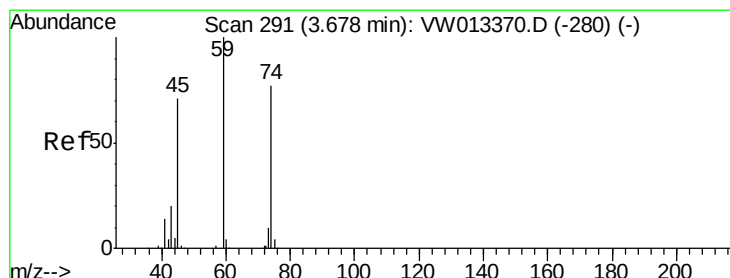
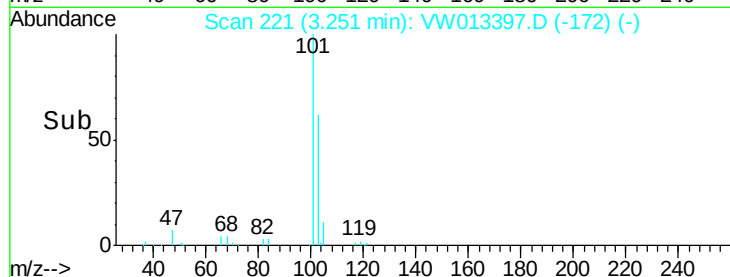
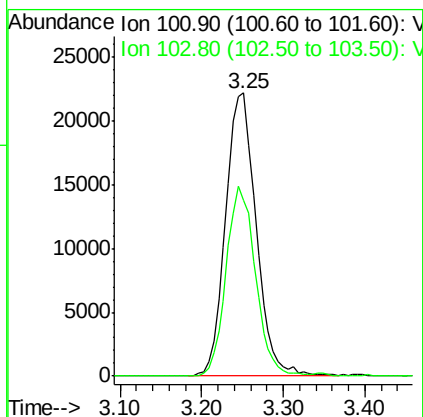
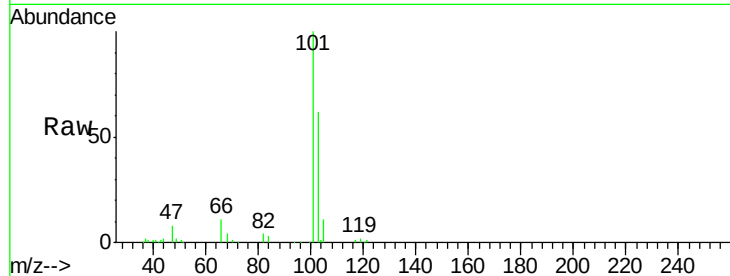
Trichlorofluoromethane
Concen: 43.708 ug/l
RT: 3.25 min Scan# 221
Delta R.T. 0.00 min
Lab File: VW013397.D
Acq: 02 Oct 2019 23:49

Instrument :
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VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.3	49.7	74.5

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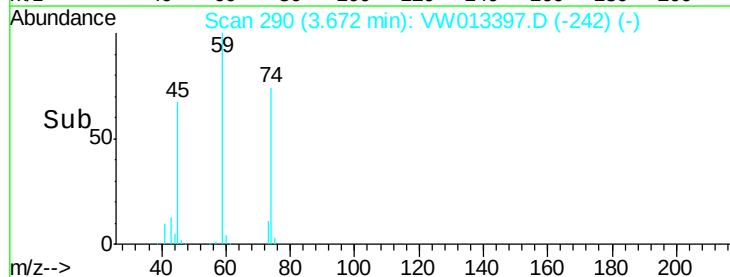
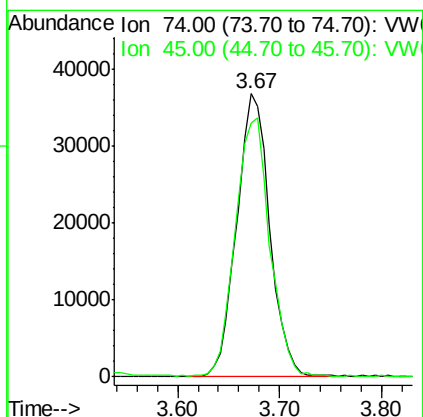
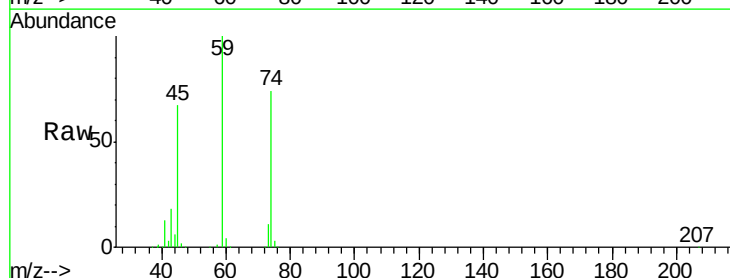
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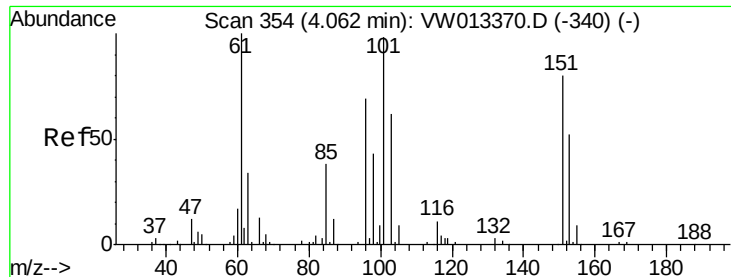


#8

Diethyl Ether
Concen: 54.534 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW013397.D
Acq: 02 Oct 2019 23:49

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.2	49.5	148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.606 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW013397.D

Acq: 02 Oct 2019 23:49

Instrument :

MSVOA_W

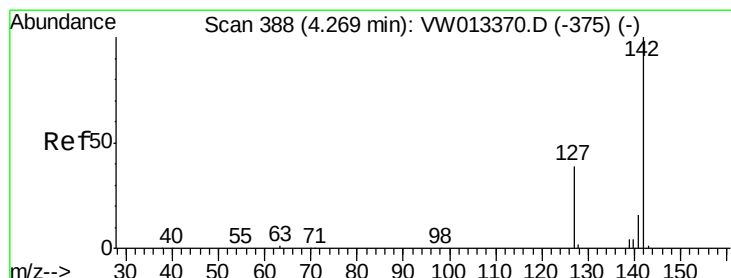
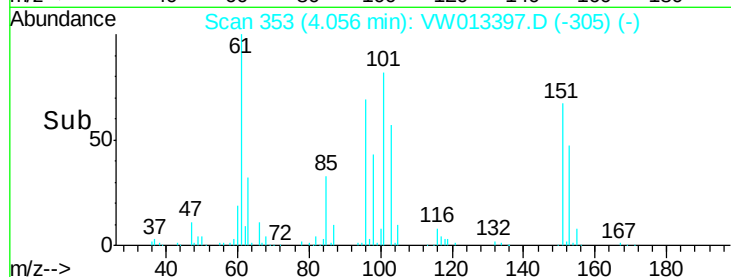
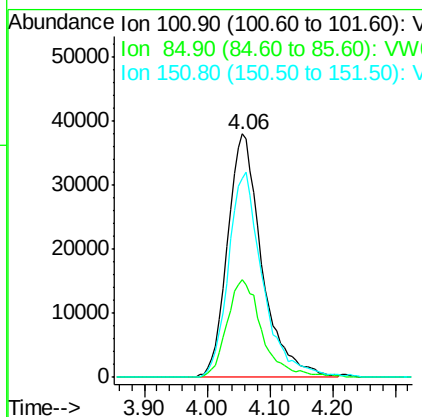
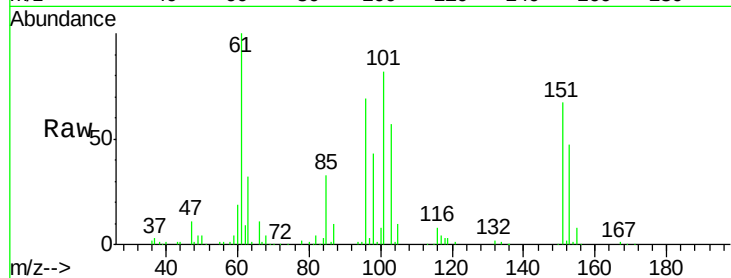
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	144701
Ion Ratio	Lower	Upper	
101	100		
85	40.8	33.4	50.0
151	84.2	66.9	100.3

Manual Integrations
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#10

Methyl Iodide

Concen: 51.752 ug/l

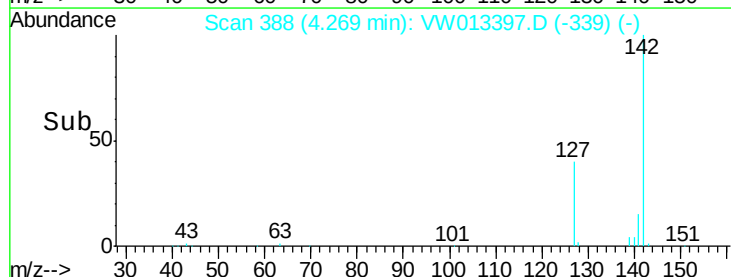
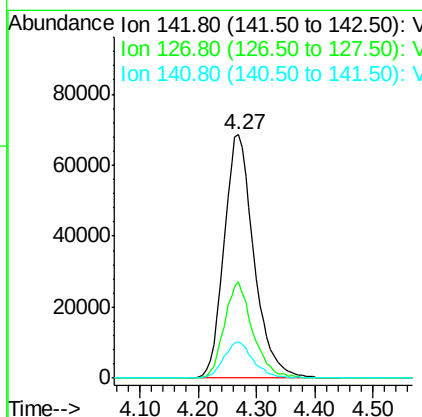
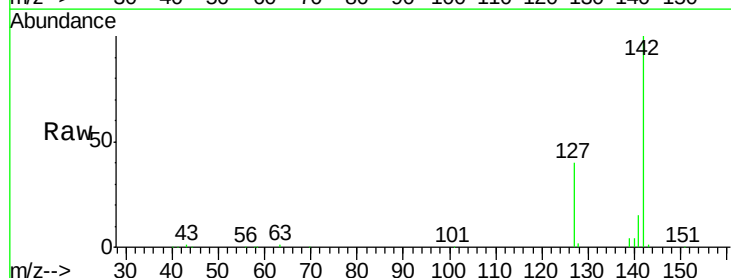
RT: 4.27 min Scan# 388

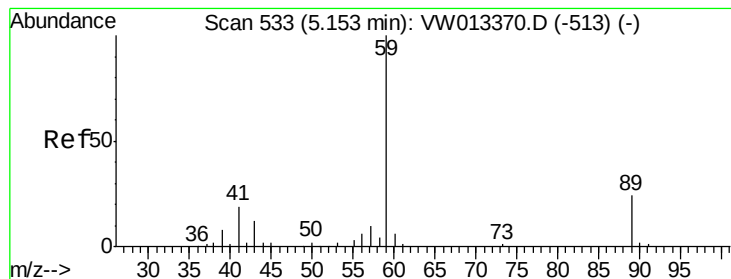
Delta R.T. 0.00 min

Lab File: VW013397.D

Acq: 02 Oct 2019 23:49

Tgt Ion:	142	Resp:	243794
Ion Ratio	Lower	Upper	
142	100		
127	37.8	30.9	46.3
141	14.5	11.7	17.5





#11

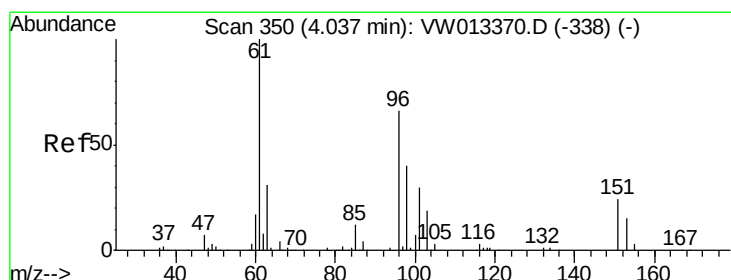
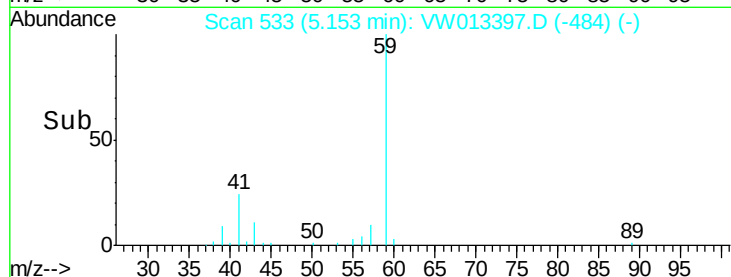
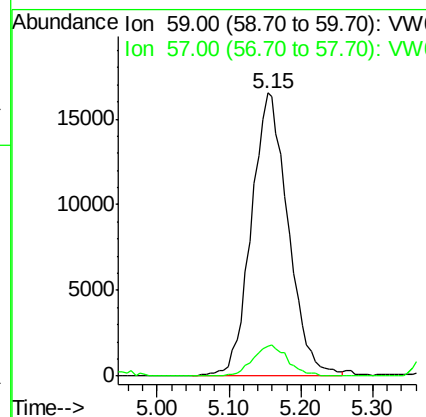
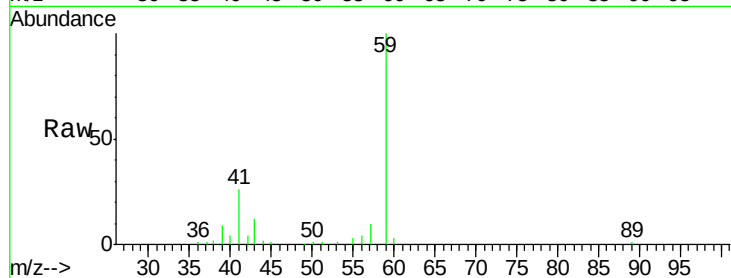
Tert butyl alcohol
 Concen: 285.403 ug/l
 RT: 5.15 min Scan# 533
 Delta R.T. 0.00 min
 Lab File: VW013397.D
 Acq: 02 Oct 2019 23:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.2	12.2

Manual Integrations
 APPROVED

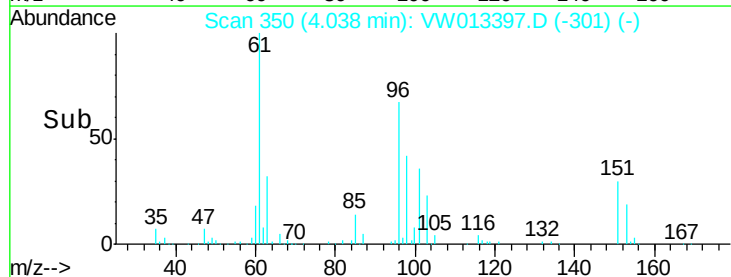
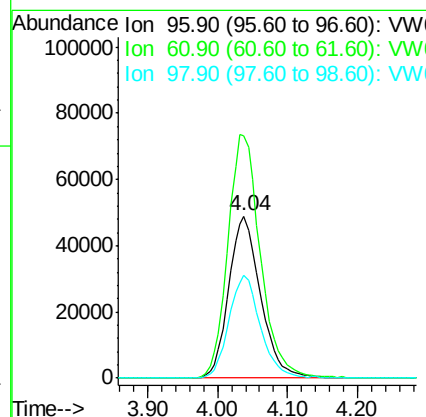
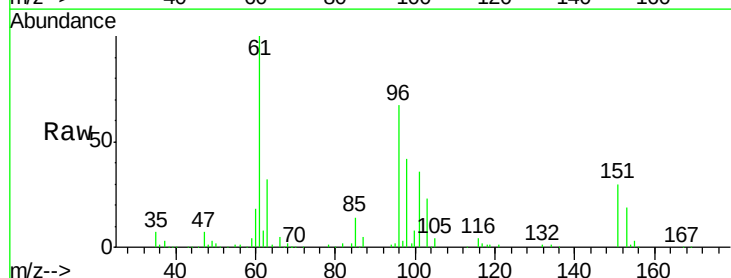
MMDadoda
 10/4/2019 12:11:17 PM

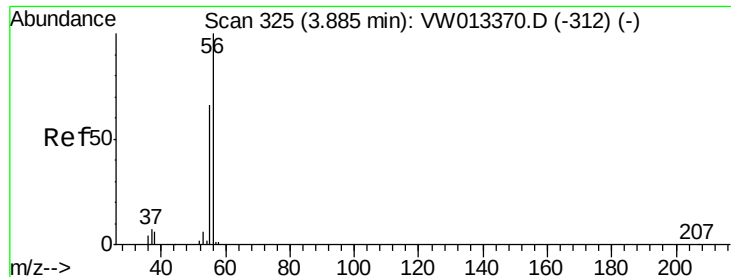


#12

1,1-Dichloroethene
 Concen: 50.216 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW013397.D
 Acq: 02 Oct 2019 23:49

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.3	125.1	187.7
98	63.3	50.8	76.2





#13

Acrolein

Concen: 235.303 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW013397.D

Acq: 02 Oct 2019 23:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 59309

Ion Ratio Lower Upper

56 100

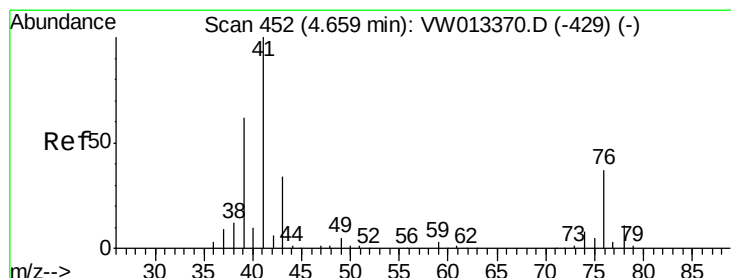
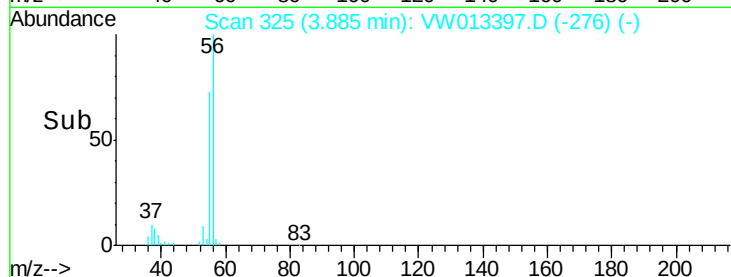
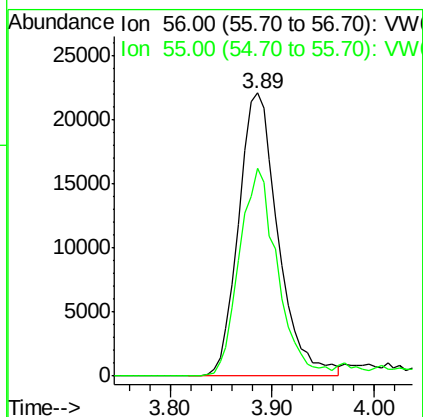
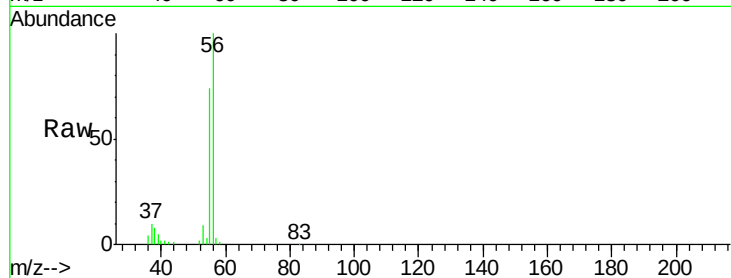
55 70.8 55.4 83.0

Manual Integrations

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#14

Allyl chloride

Concen: 48.802 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW013397.D

Acq: 02 Oct 2019 23:49

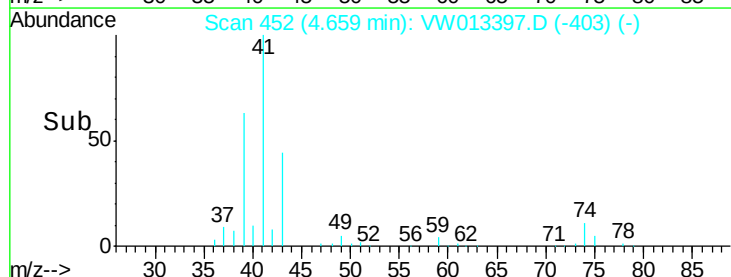
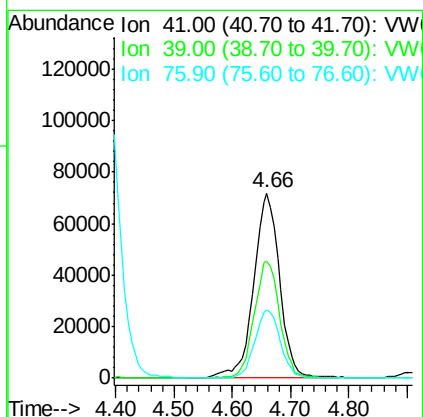
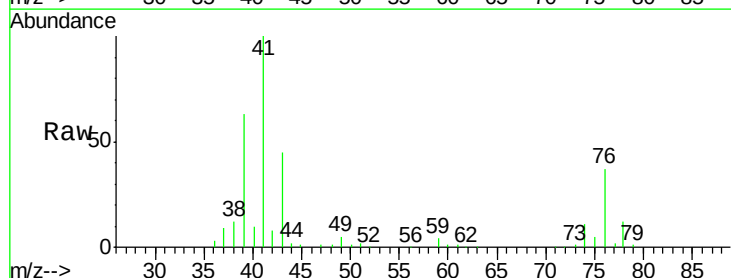
Tgt Ion: 41 Resp: 222500

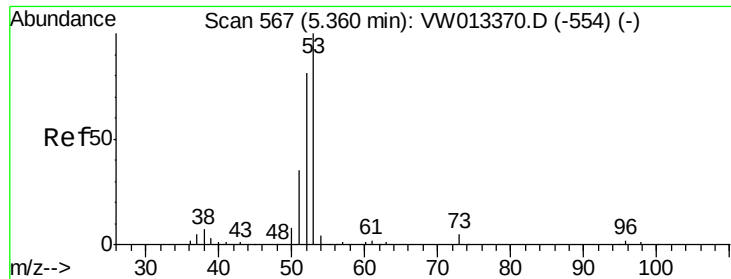
Ion Ratio Lower Upper

41 100

39 62.2 51.0 76.4

76 35.8 28.4 42.6





#15

Acrylonitrile

Concen: 276.649 ug/l

RT: 5.35 min Scan# 566

Delta R.T. -0.01 min

Lab File: VW013397.D

Acq: 02 Oct 2019 23:49

Instrument :

MSVOA_W

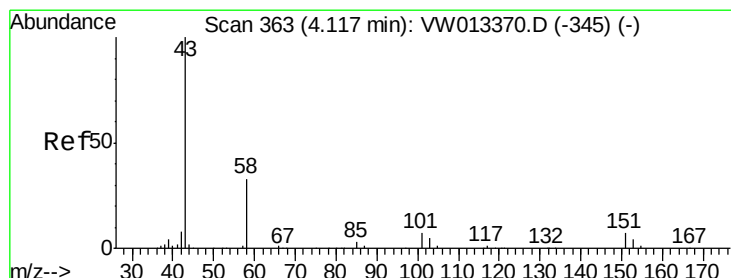
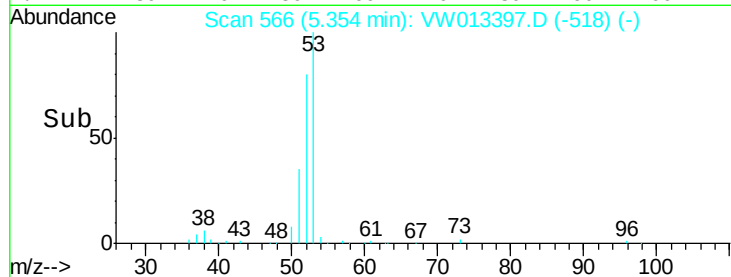
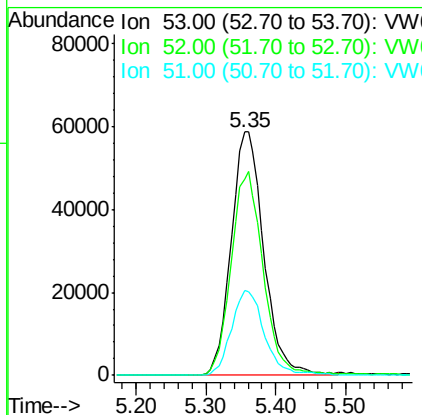
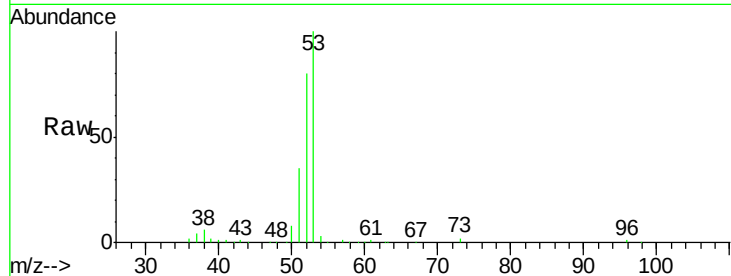
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	190451
Ion Ratio		Lower	Upper
53	100		
52	82.0	65.3	97.9
51	35.4	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 203.802 ug/l

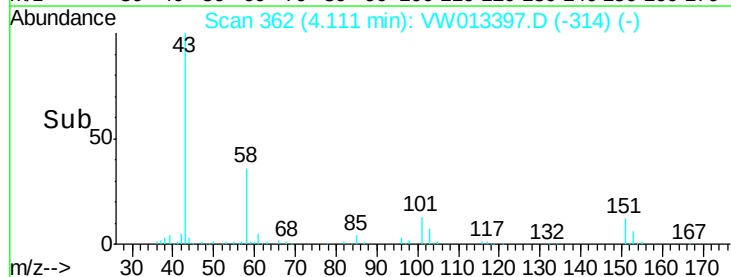
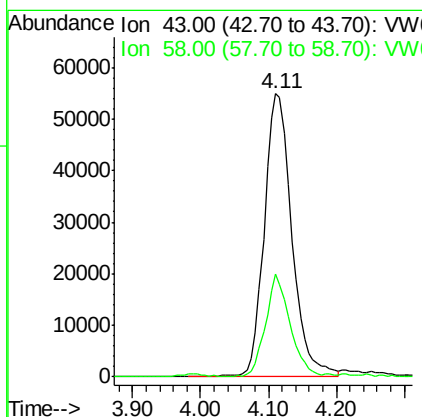
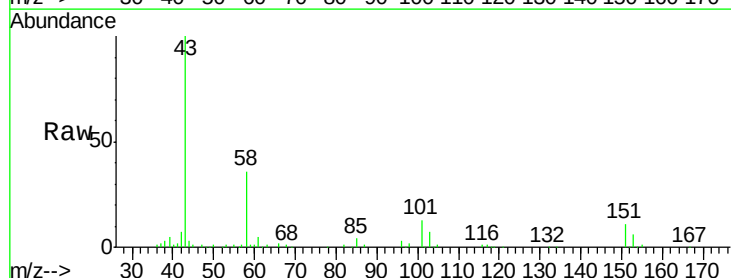
RT: 4.11 min Scan# 362

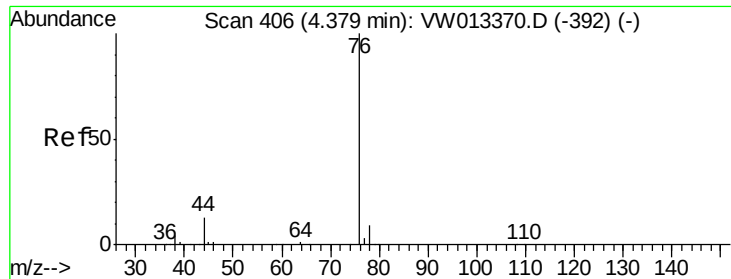
Delta R.T. -0.01 min

Lab File: VW013397.D

Acq: 02 Oct 2019 23:49

Tgt Ion:	43	Resp:	156164
Ion Ratio		Lower	Upper
43	100		
58	35.5	24.1	36.1





#17

Carbon Disulfide

Concen: 50.819 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW013397.D

Acq: 02 Oct 2019 23:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 436933

Ion Ratio Lower Upper

76 100

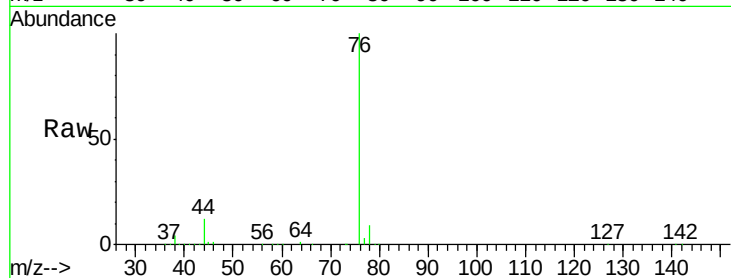
78 8.9 7.0 10.4

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

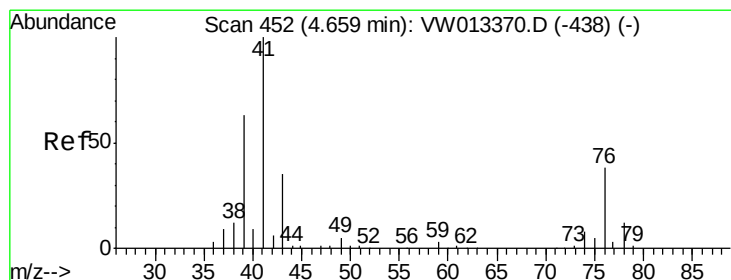
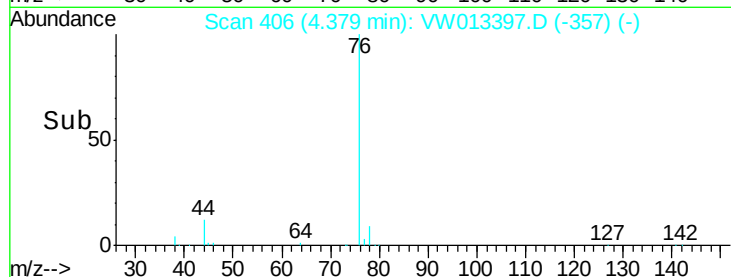
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 53.971 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW013397.D

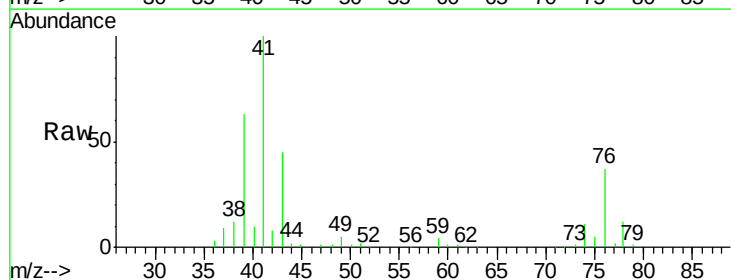
Acq: 02 Oct 2019 23:49

Tgt Ion: 43 Resp: 96794

Ion Ratio Lower Upper

43 100

74 25.0 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.66

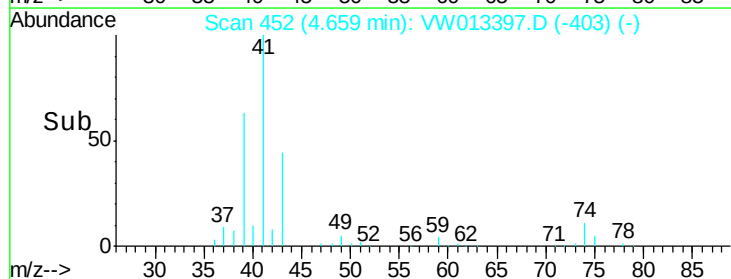
30000

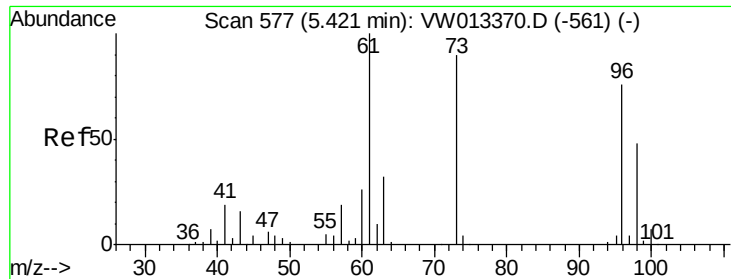
20000

10000

0

Time-->





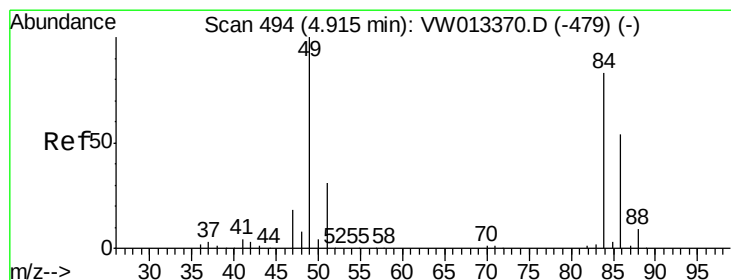
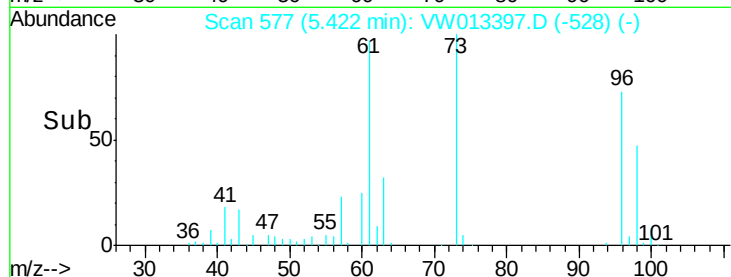
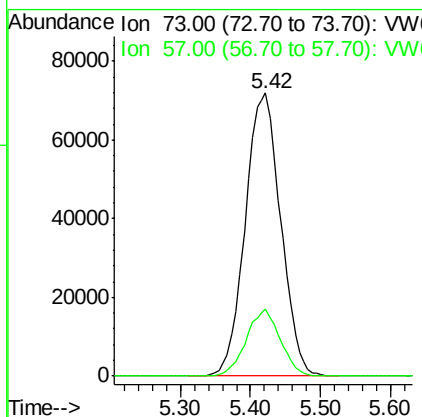
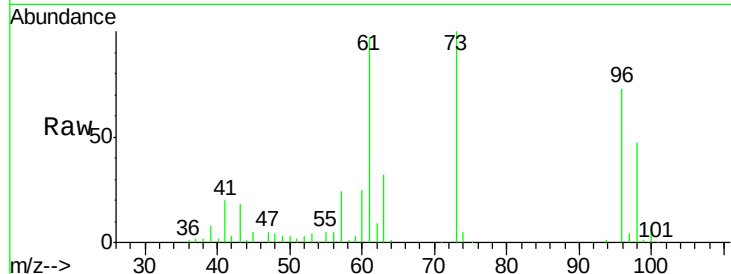
#19
Methyl tert-butyl Ether
Concen: 55.733 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW013397.D
Acq: 02 Oct 2019 23:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 252808
Ion Ratio Lower Upper
73 100
57 23.8 17.6 26.4

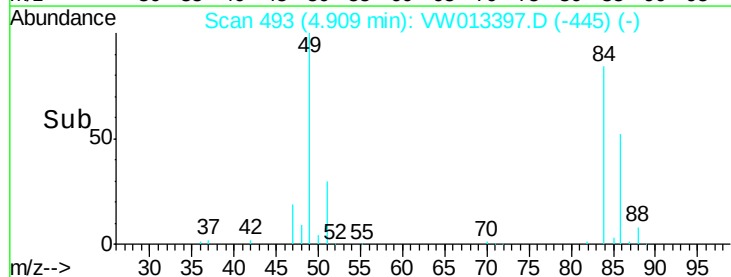
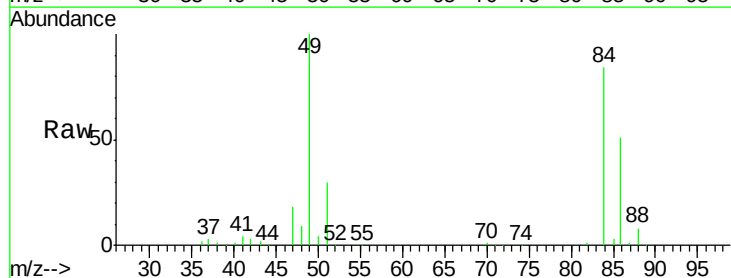
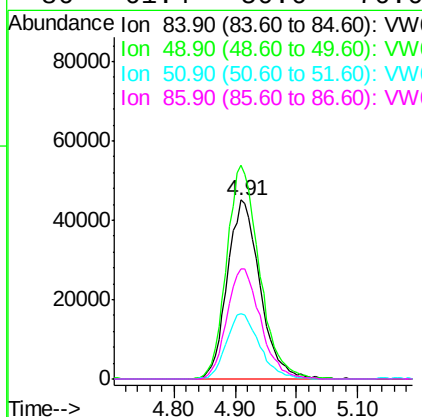
Manual Integrations
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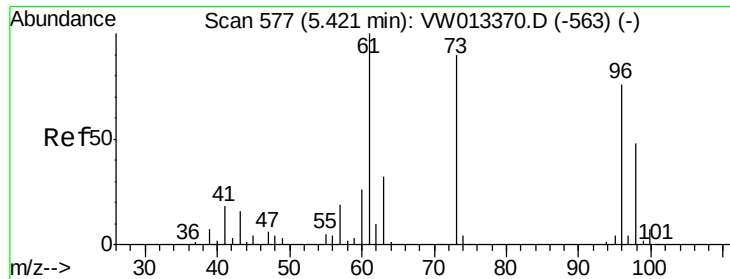
MMDadoda
10/4/2019 12:11:17 PM



#20
Methylene Chloride
Concen: 52.362 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW013397.D
Acq: 02 Oct 2019 23:49

Tgt Ion: 84 Resp: 167228
Ion Ratio Lower Upper
84 100
49 119.3 97.6 146.4
51 36.2 30.2 45.2
86 61.4 50.6 76.0





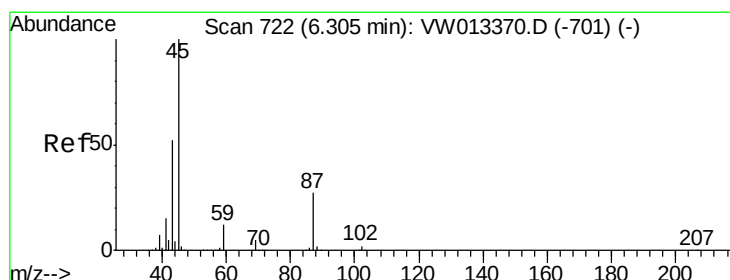
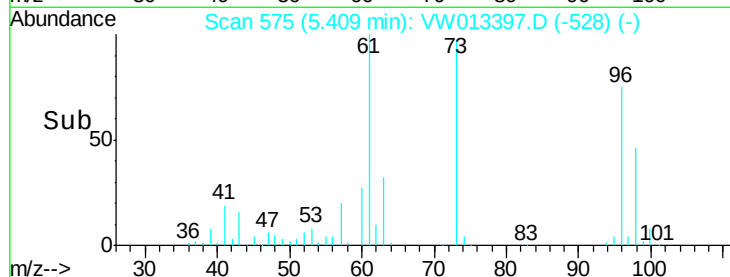
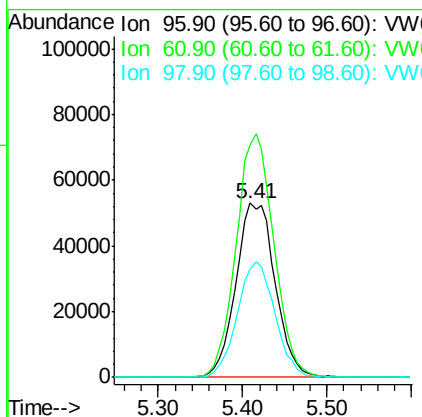
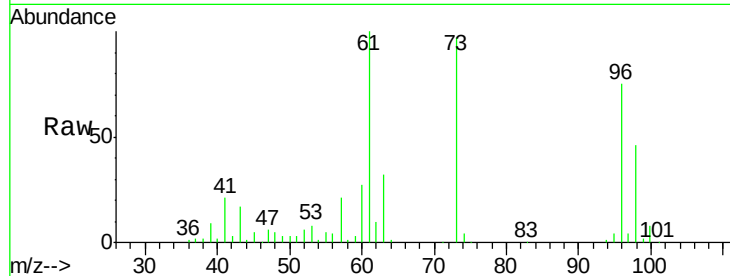
#21
trans-1,2-Dichloroethene
Concen: 50.970 ug/l
RT: 5.41 min Scan# 575
Delta R.T. -0.01 min
Lab File: VW013397.D
Acq: 02 Oct 2019 23:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.4	106.6	159.8
98	61.8	49.8	74.8

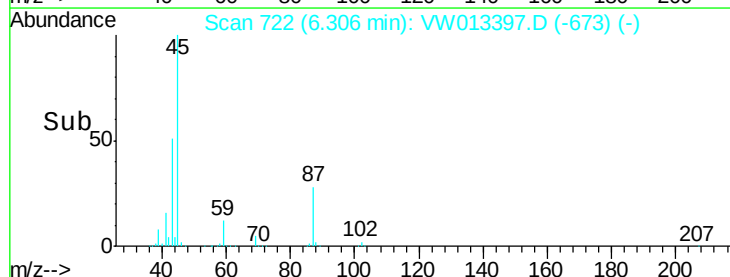
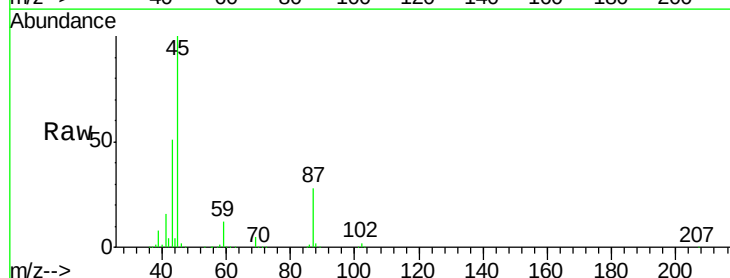
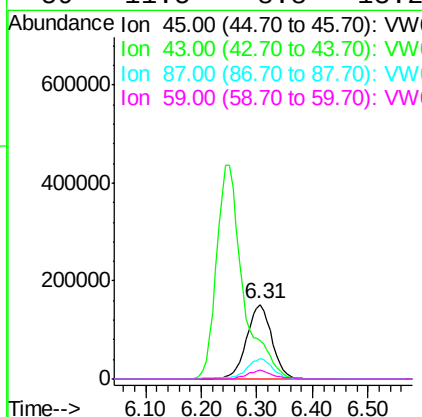
Manual Integrations
APPROVED

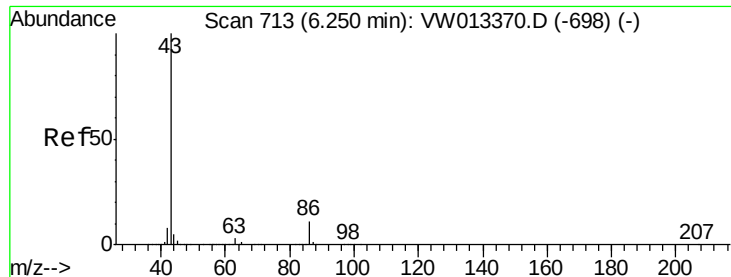
MMDadoda
10/4/2019 12:11:17 PM



#22
Diisopropyl ether
Concen: 54.472 ug/l
RT: 6.31 min Scan# 722
Delta R.T. 0.00 min
Lab File: VW013397.D
Acq: 02 Oct 2019 23:49

Tgt Ion	Ratio	Lower	Upper
45	100		
43	51.4	42.4	63.6
87	27.9	20.4	30.6
59	11.5	8.8	13.2





#23

Vinyl Acetate

Concen: 272.754 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW013397.D

Acq: 02 Oct 2019 23:49

Tot Ion: 43 Resp: 1441025

Ion Ratio Lower Upper

43 100

86 11.1 8.3 12.5

Instrument :

MSVOA_W

ClientSampleId :

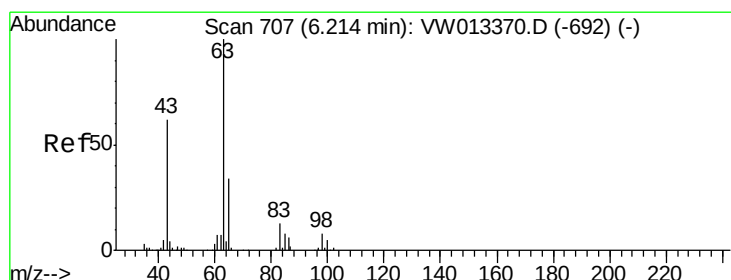
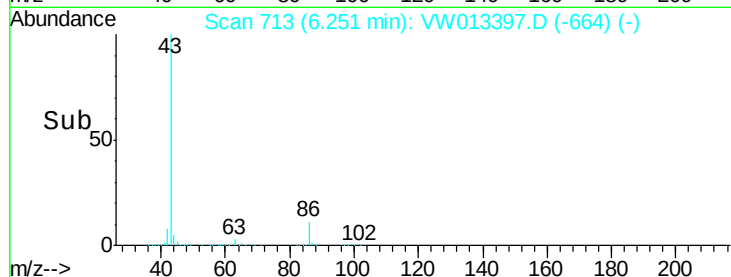
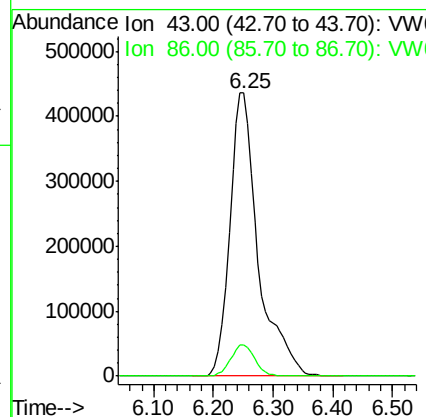
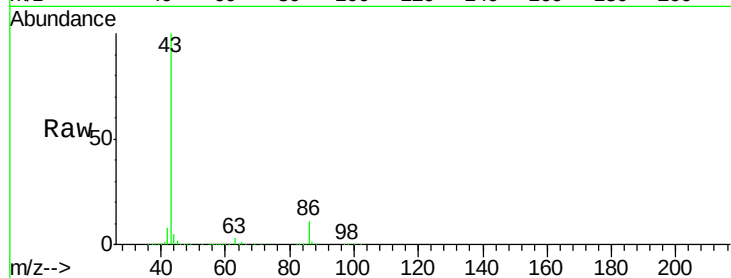
VSTDCCC050EC

Manual Integrations

APPROVED

MMDadoda

10/4/2019 12:11:17 PM



#24

1,1-Dichloroethane

Concen: 52.471 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW013397.D

Acq: 02 Oct 2019 23:49

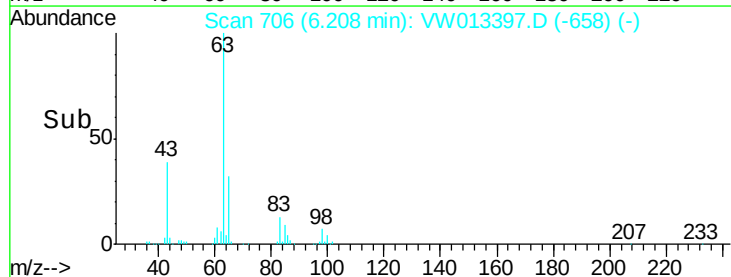
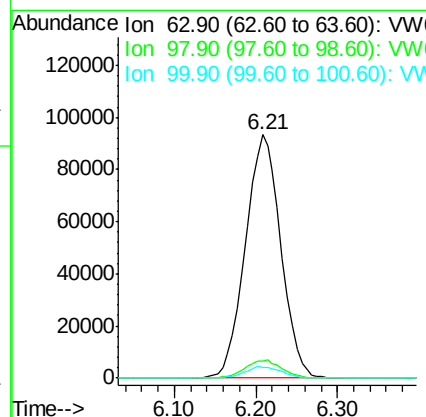
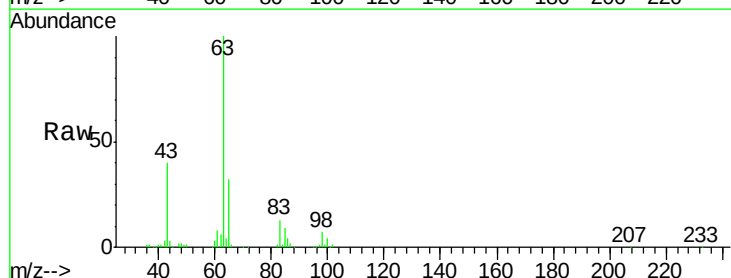
Tgt Ion: 63 Resp: 281396

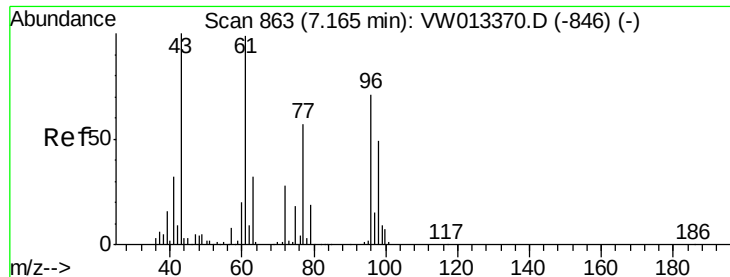
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.5

100 4.4 2.4 7.1





#25

2-Butanone

Concen: 254.755 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW013397.D

Acq: 02 Oct 2019 23:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 249782

Ion Ratio Lower Upper

43 100

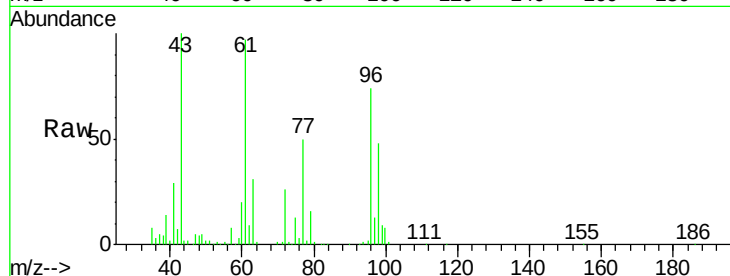
72 26.3 19.4 29.0

Manual Integrations

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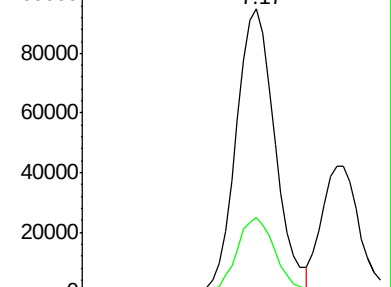
MMDadoda

10/4/2019 12:11:17 PM

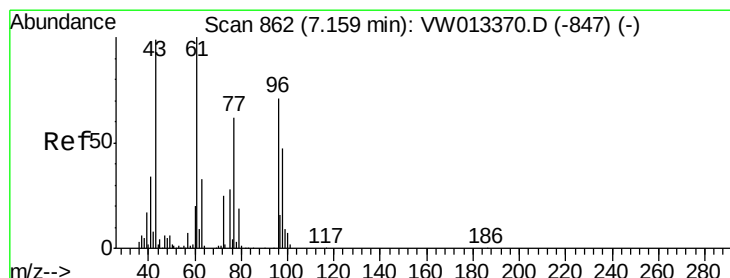
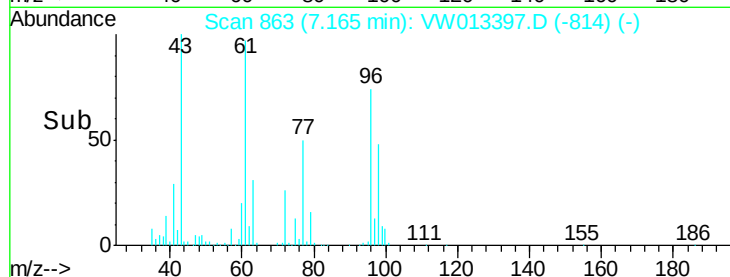


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



Time-->



#26

2,2-Dichloropropane

Concen: 47.092 ug/l

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: VW013397.D

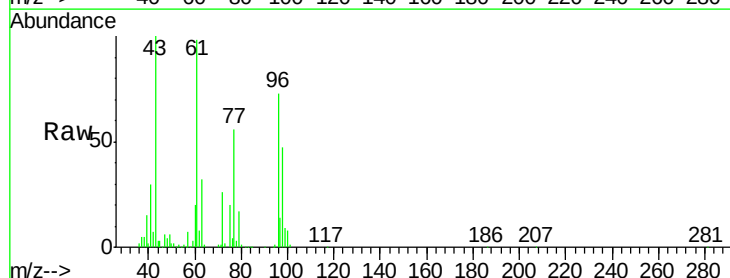
Acq: 02 Oct 2019 23:49

Tgt Ion: 77 Resp: 146418

Ion Ratio Lower Upper

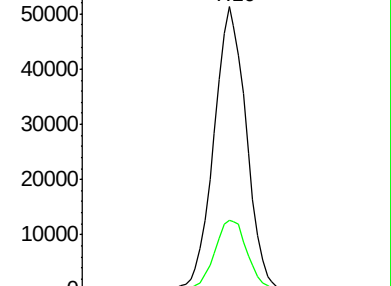
77 100

97 24.8 11.8 35.4

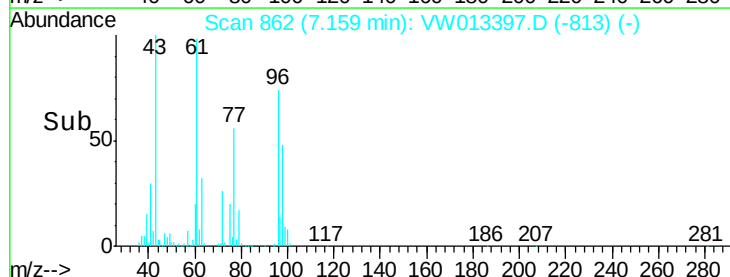


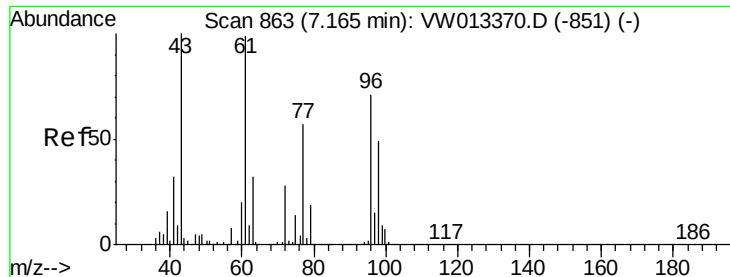
Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW



Time-->





#27

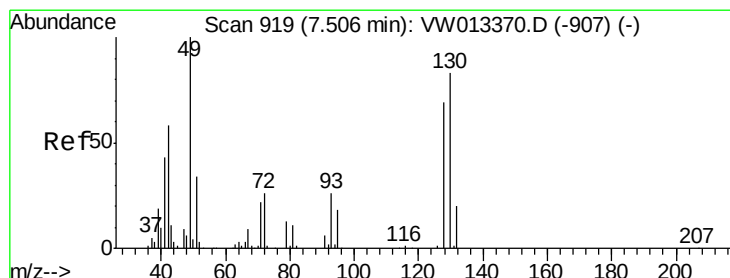
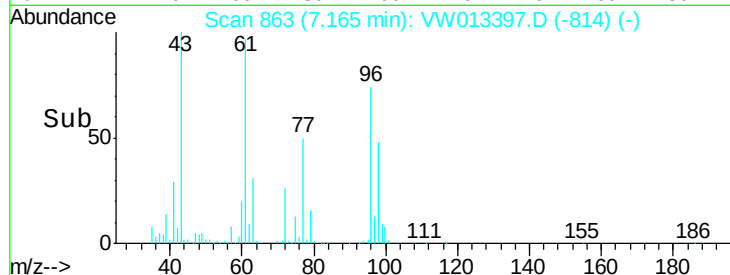
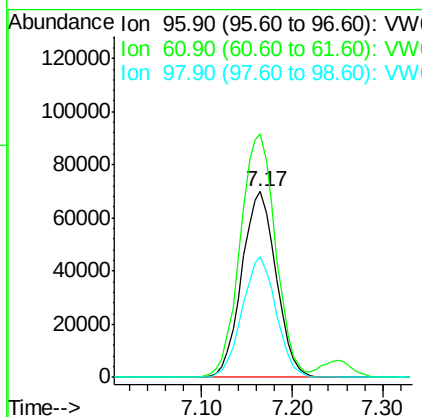
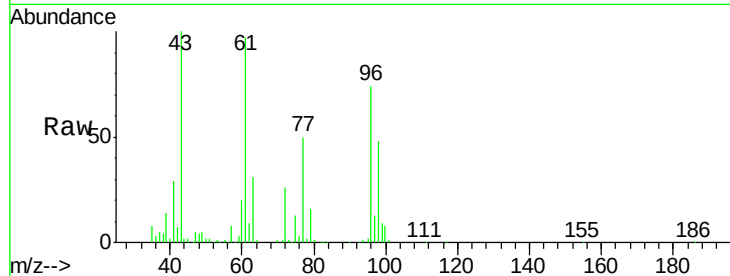
cis-1,2-Dichloroethene
 Concen: 53.469 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW013397.D
 Acq: 02 Oct 2019 23:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.8	0.0	282.4
98	64.2	0.0	128.2

Manual Integrations
 APPROVED

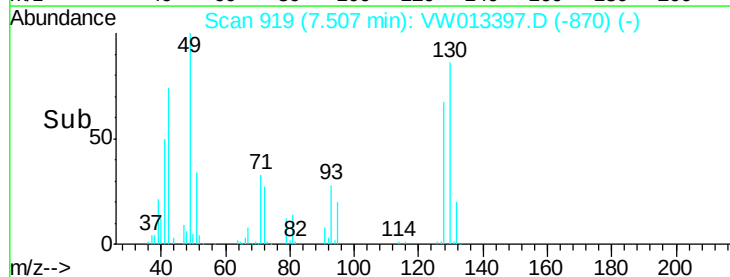
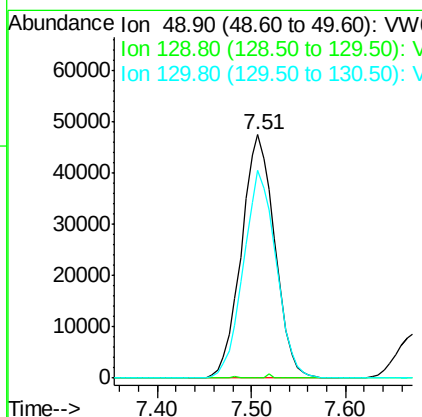
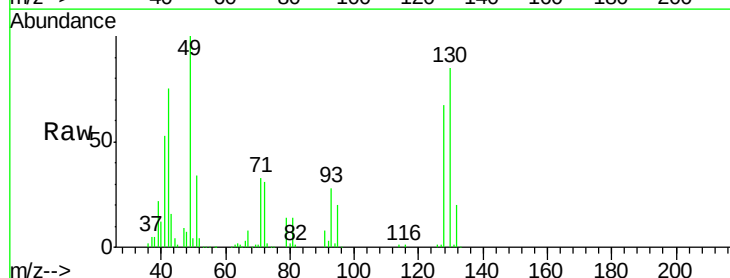
MMDadoda
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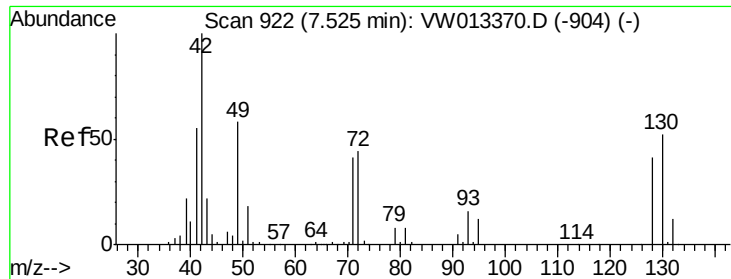


#28

Bromochloromethane
 Concen: 60.768 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VW013397.D
 Acq: 02 Oct 2019 23:49

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.3	0.0	1.0
130	83.8	63.4	95.2





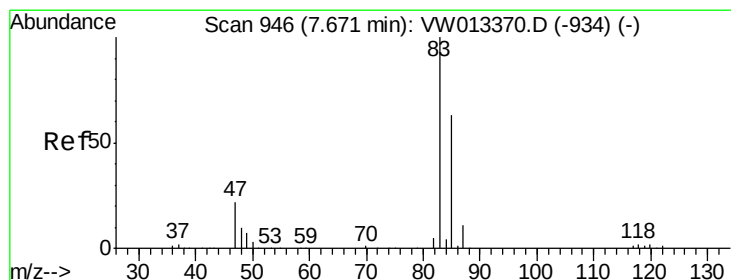
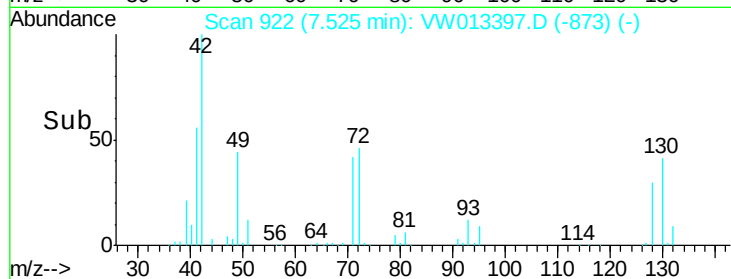
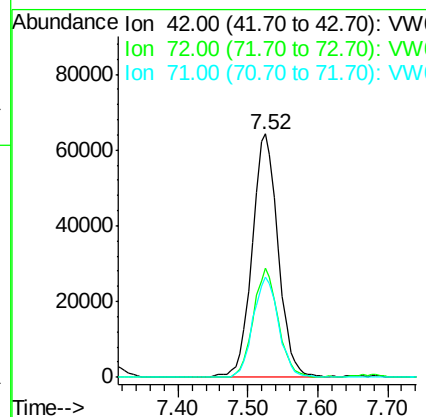
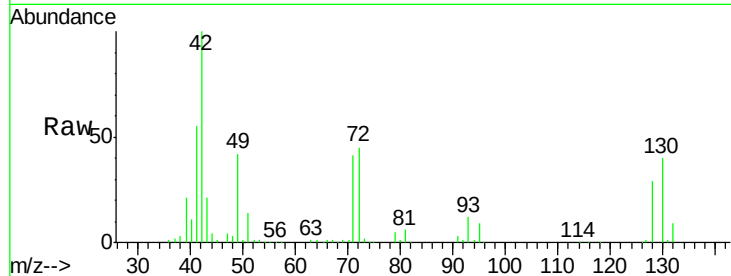
#29
Tetrahydrofuran
Concen: 289.167 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW013397.D
Acq: 02 Oct 2019 23:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.9	33.9	50.9
71	40.5	31.9	47.9

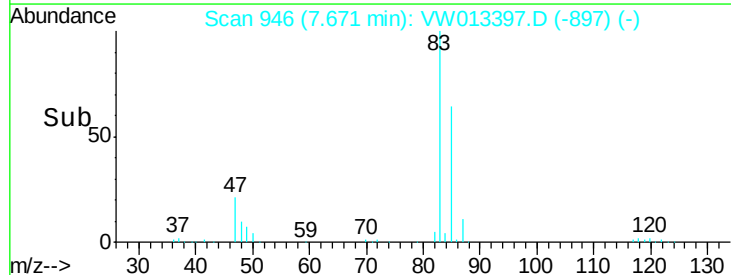
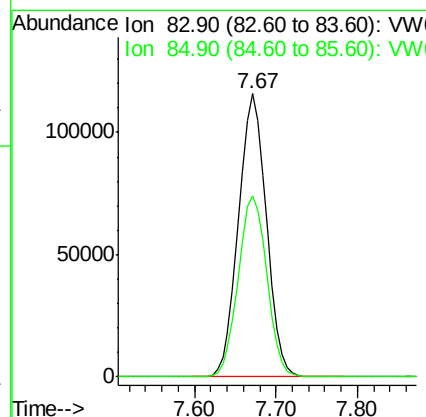
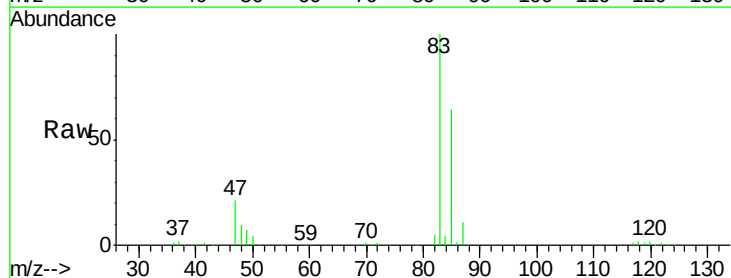
Manual Integrations
APPROVED

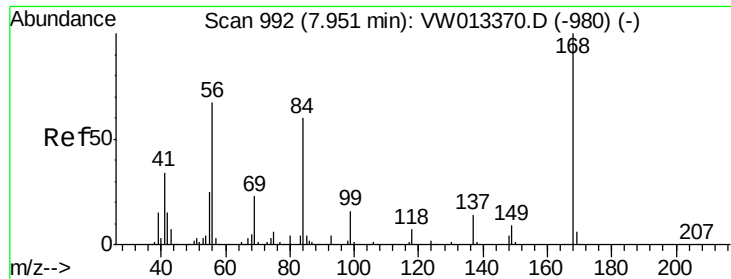
MMDadoda
10/4/2019 12:11:17 PM



#30
Chloroform
Concen: 52.065 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW013397.D
Acq: 02 Oct 2019 23:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	52.3	78.5





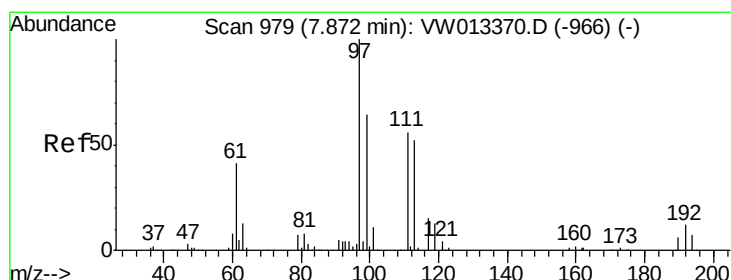
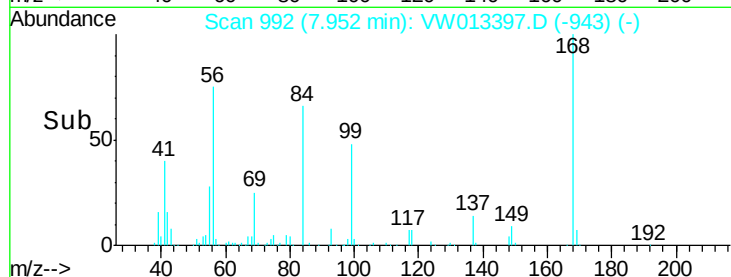
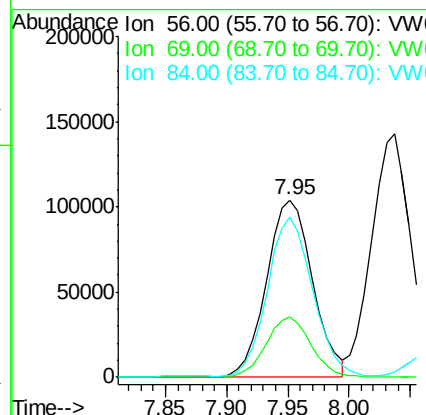
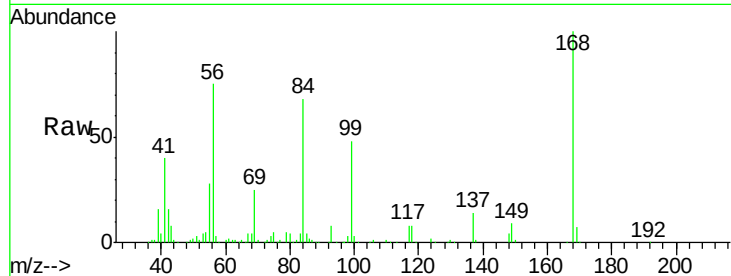
#31
Cyclohexane
Concen: 47.711 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW013397.D
Acq: 02 Oct 2019 23:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.1	27.2	40.8
84	89.5	70.8	106.2

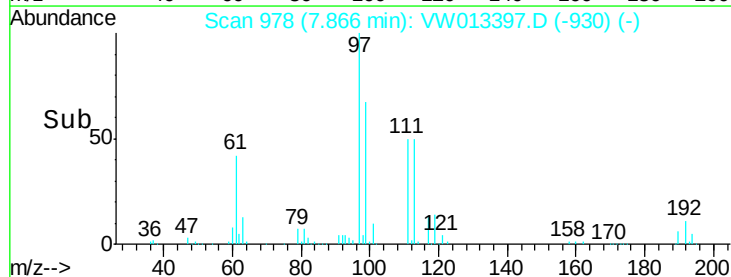
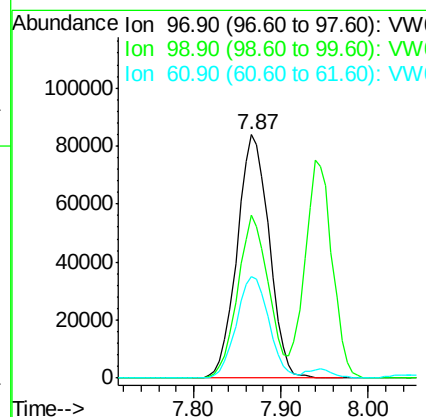
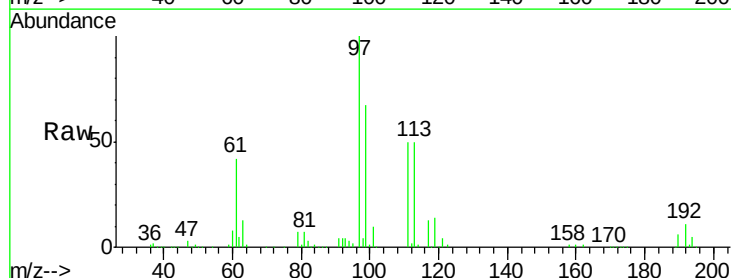
Manual Integrations
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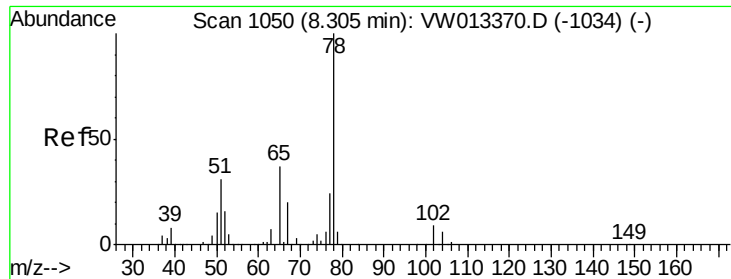
MMDadoda
10/4/2019 12:11:17 PM



#32
1,1,1-Trichloroethane
Concen: 51.733 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW013397.D
Acq: 02 Oct 2019 23:49

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.7	77.5
61	42.5	34.6	51.8





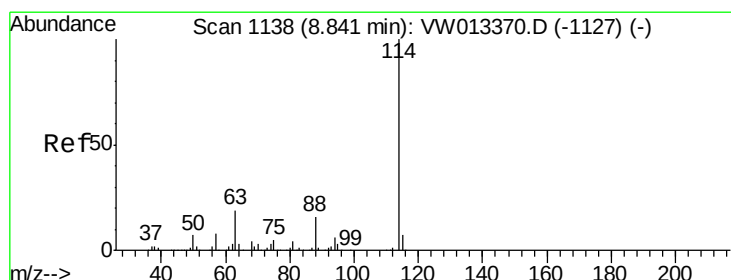
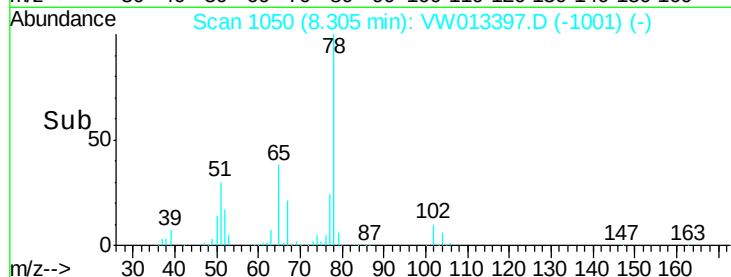
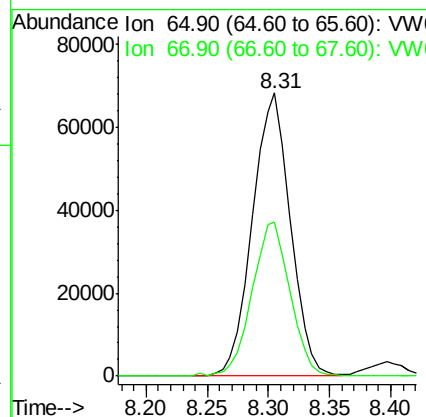
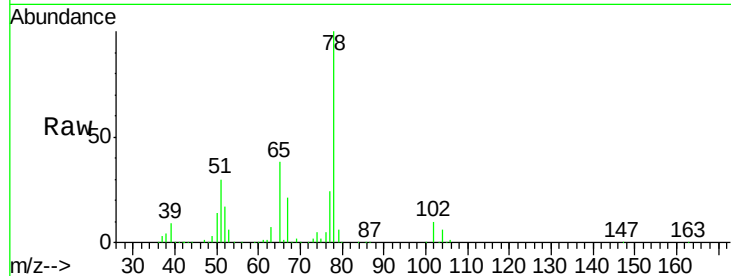
#33
 1,2-Dichloroethane-d4
 Concen: 59.022 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW013397.D
 Acq: 02 Oct 2019 23:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	147545		
67	54.7	0.0	106.2	

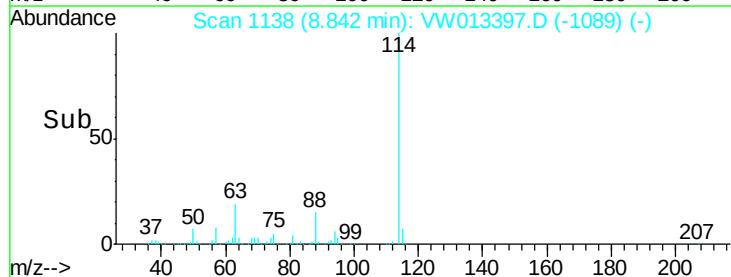
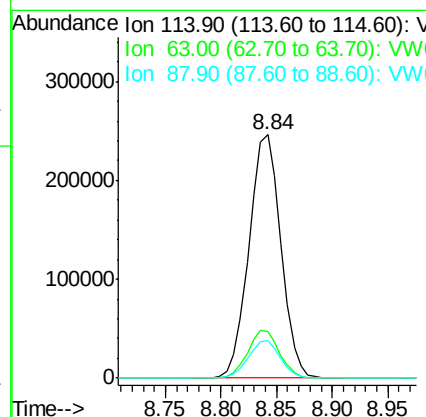
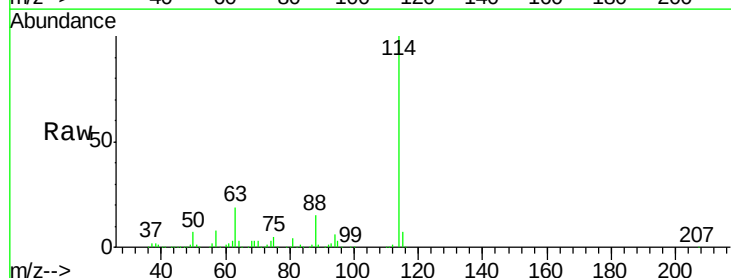
Manual Integrations
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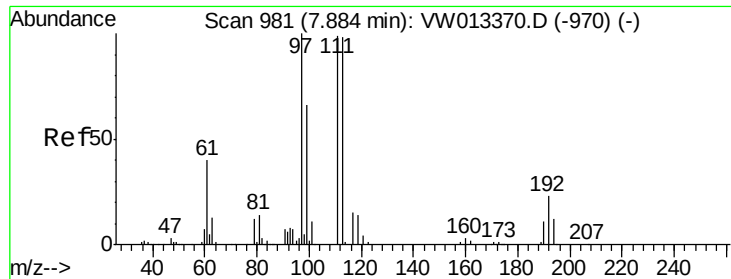
MMDadoda
 10/4/2019 12:11:17 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013397.D
 Acq: 02 Oct 2019 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	490827		
63	19.1	0.0	41.4	
88	15.2	0.0	32.0	





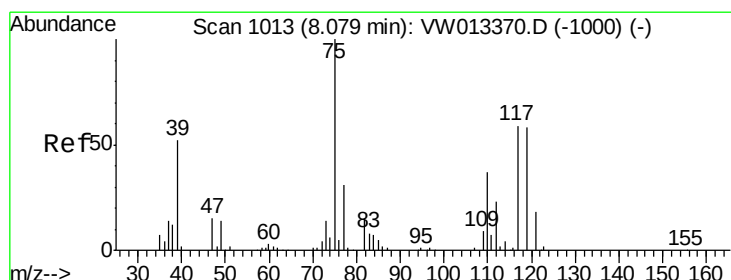
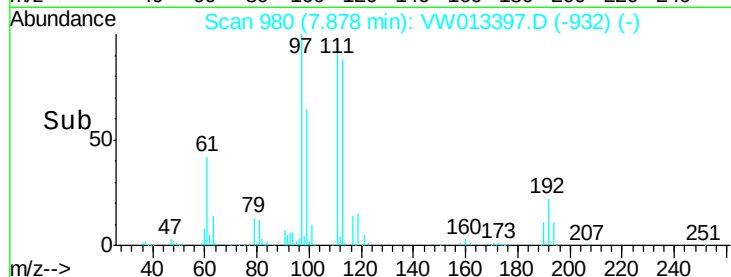
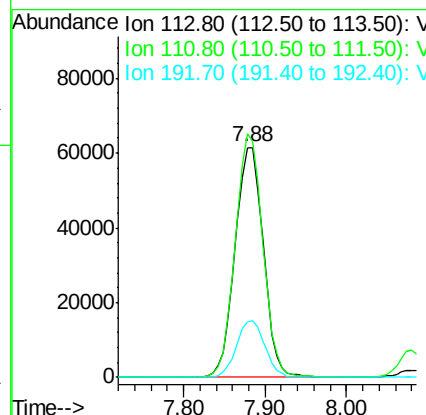
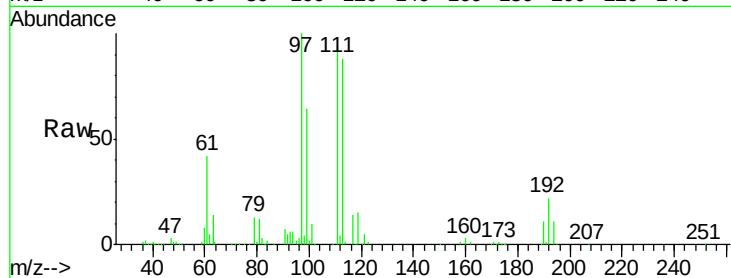
#35
 Dibromofluoromethane
 Concen: 57.262 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW013397.D
 Acq: 02 Oct 2019 23:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	147477		
111	102.8	81.9	122.9	
192	24.5	19.1	28.7	

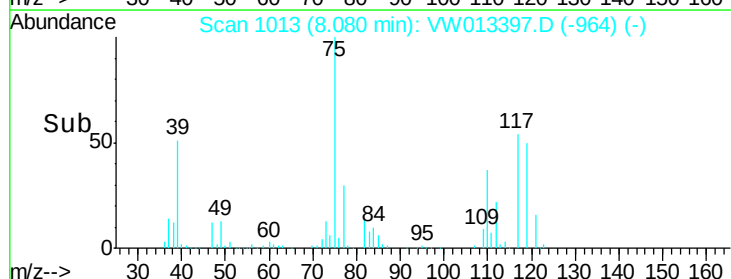
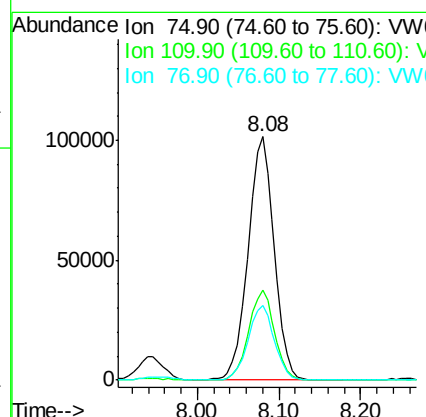
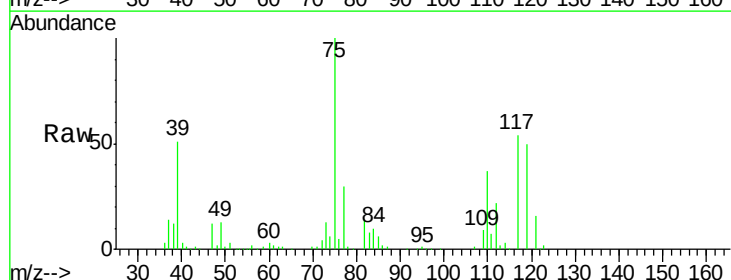
Manual Integrations
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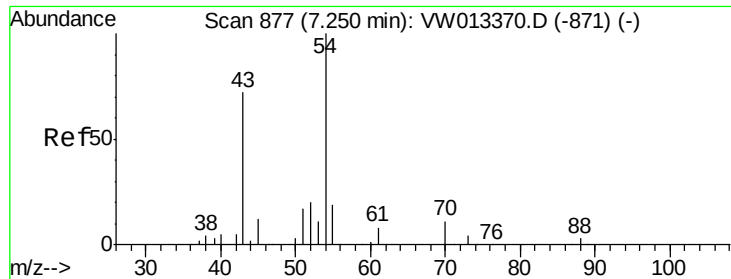
MMDadoda
 10/4/2019 12:11:17 PM



#36
 1,1-Dichloropropene
 Concen: 49.526 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW013397.D
 Acq: 02 Oct 2019 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	225780		
110	36.6	18.1	54.3	
77	31.0	25.8	38.6	





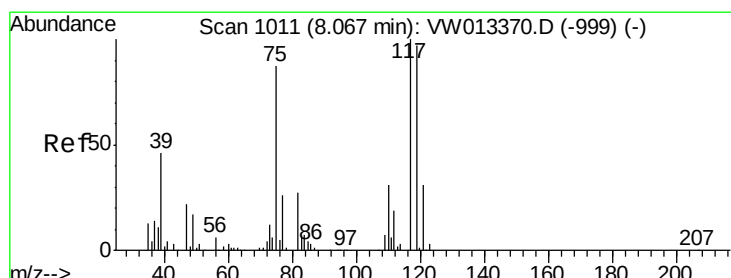
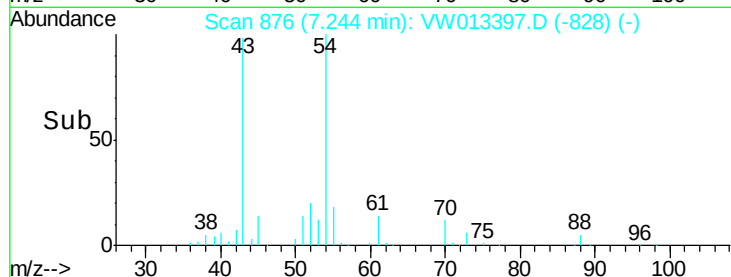
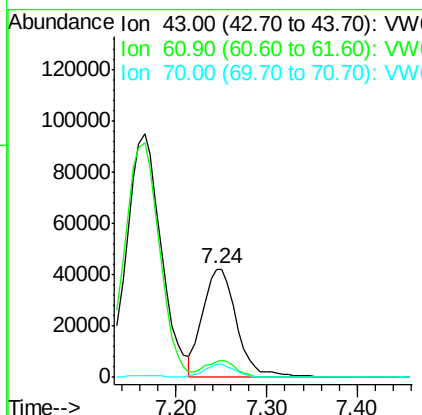
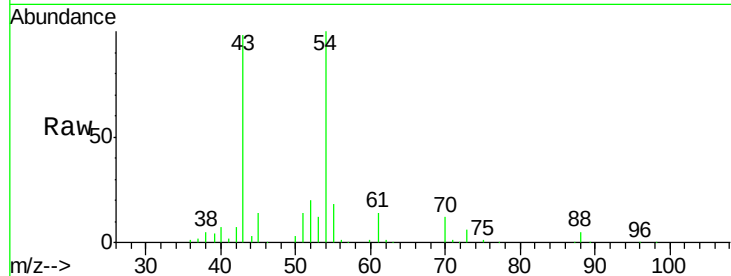
#37
Ethyl Acetate
Concen: 54.698 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: VW013397.D
Acq: 02 Oct 2019 23:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.9	16.3
70	11.3	8.2	12.2

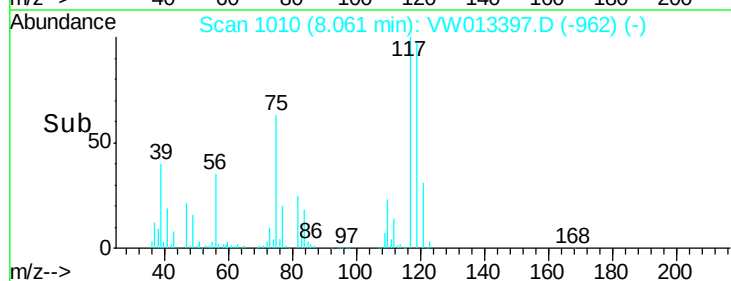
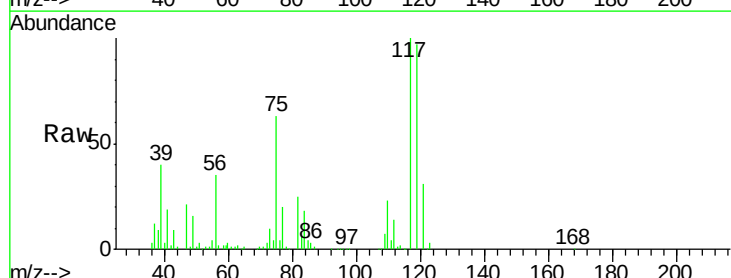
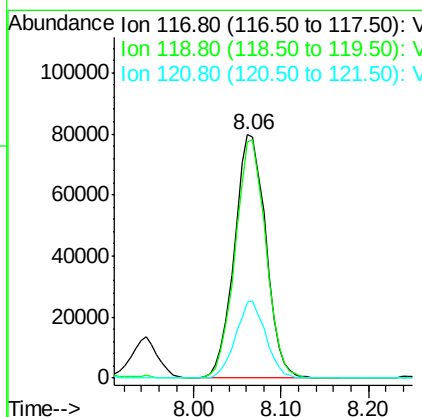
Manual Integrations
APPROVED

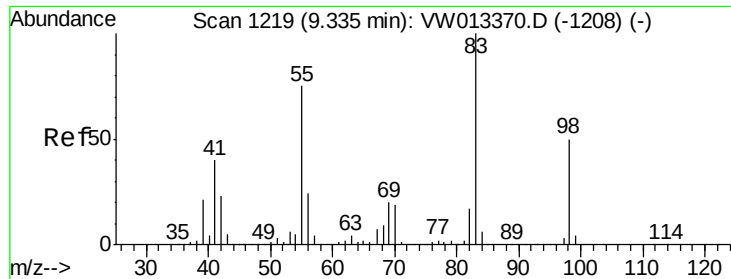
MMDadoda
10/4/2019 12:11:17 PM



#38
Carbon Tetrachloride
Concen: 50.390 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW013397.D
Acq: 02 Oct 2019 23:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	73.5	110.3
121	31.1	25.0	37.6





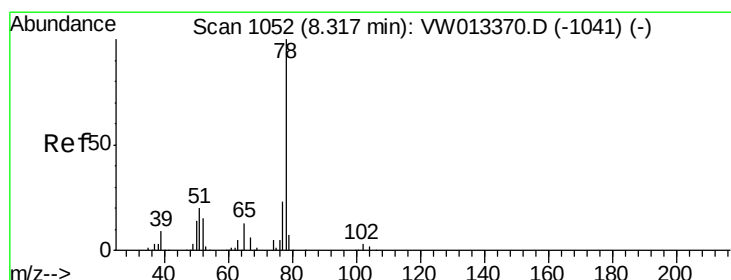
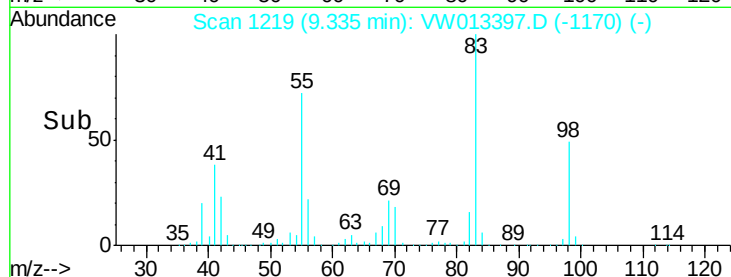
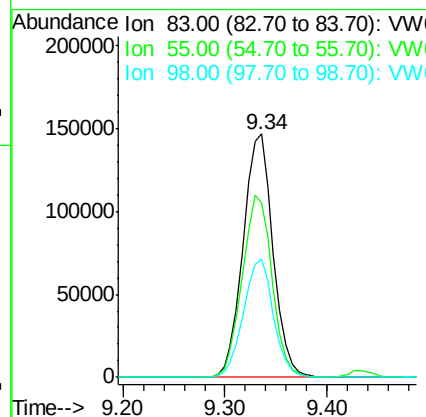
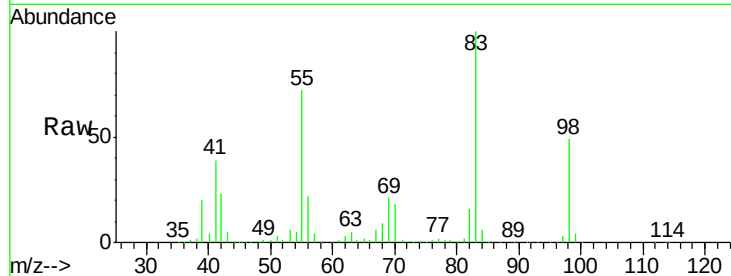
#39
Methylvlcyclohexane
Concen: 49.527 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW013397.D
Acq: 02 Oct 2019 23:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	297353		
55	71.6		60.4	90.6
98	48.8		40.0	60.0

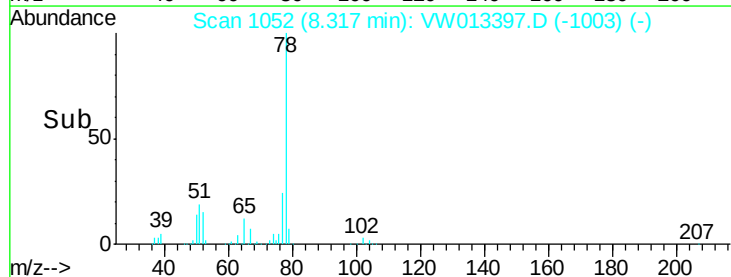
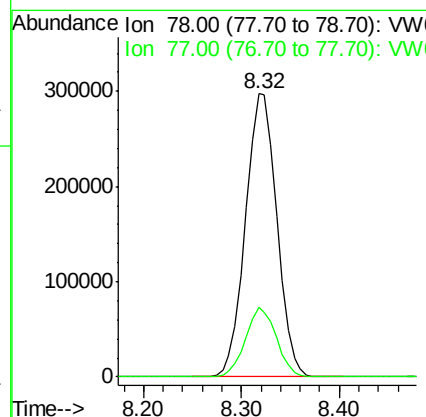
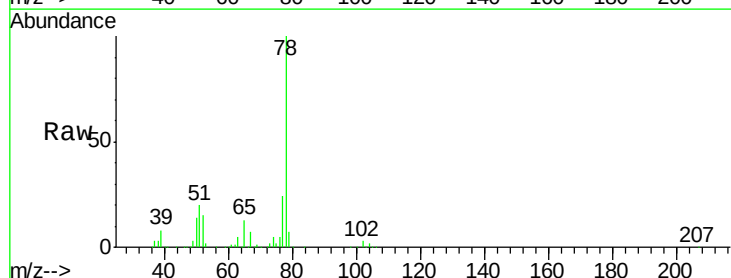
Manual Integrations
APPROVED

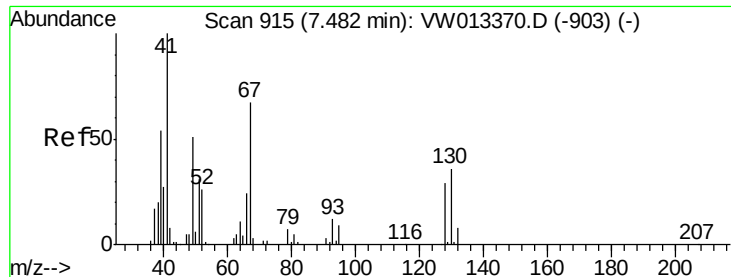
MMDadoda
10/4/2019 12:11:17 PM



#40
Benzene
Concen: 51.352 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW013397.D
Acq: 02 Oct 2019 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	662704		
77	24.5		19.1	28.7





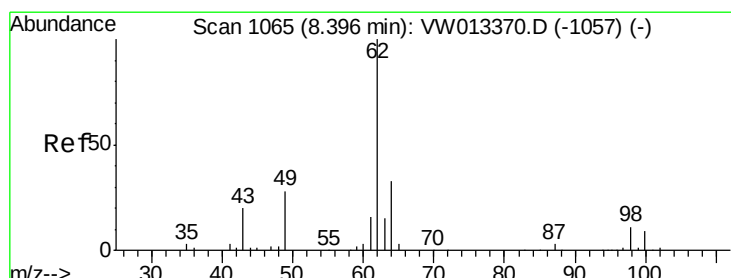
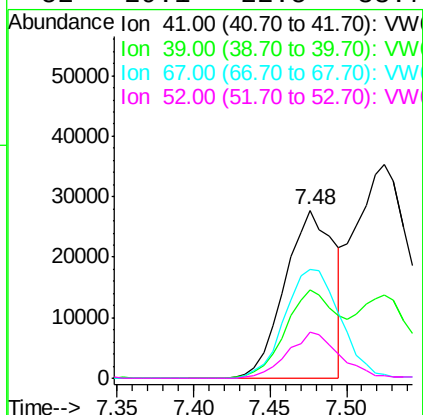
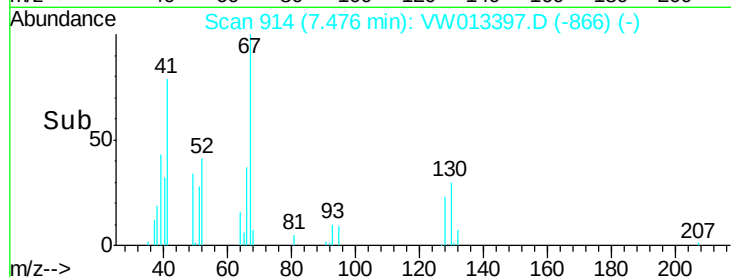
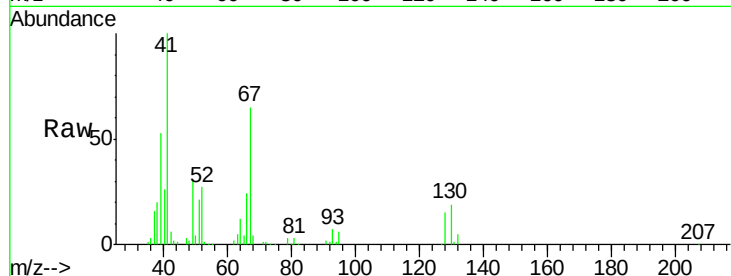
#41
Methacrylonitrile
Concen: 51.585 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW013397.D
Acq: 02 Oct 2019 23:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.9	45.9	68.9	
67	72.7	54.5	81.7	
52	29.1	22.5	33.7	

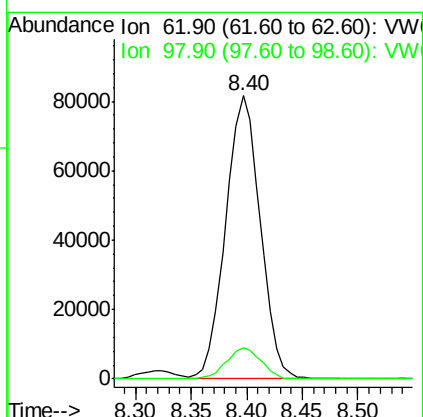
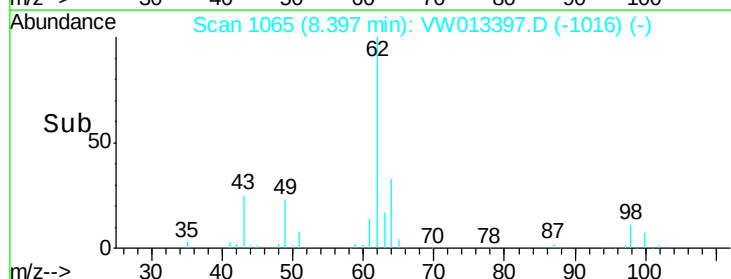
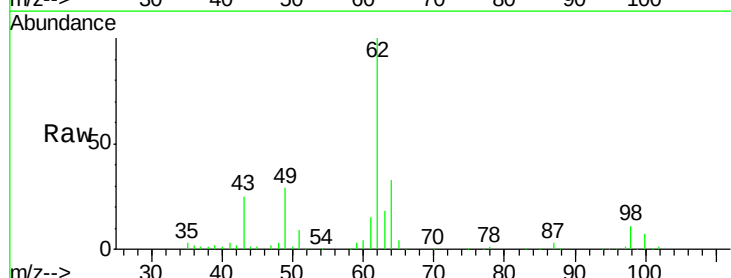
Manual Integrations
APPROVED

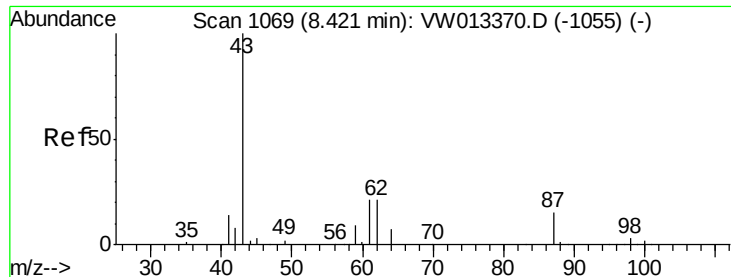
MMDadoda
10/4/2019 12:11:17 PM



#42
1,2-Dichloroethane
Concen: 52.964 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW013397.D
Acq: 02 Oct 2019 23:49

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	11.1	0.0	20.6	





#43

Isopropyl Acetate

Concen: 54.766 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW013397.D

Acq: 02 Oct 2019 23:49

Instrument :

MSVOA_W

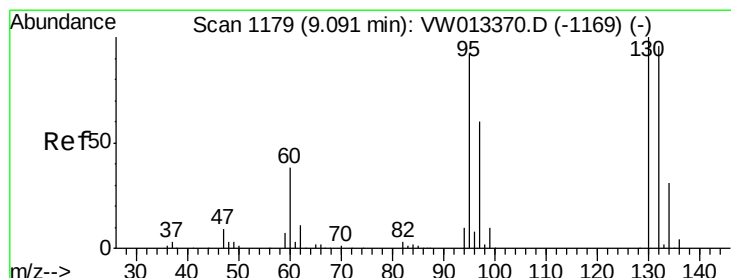
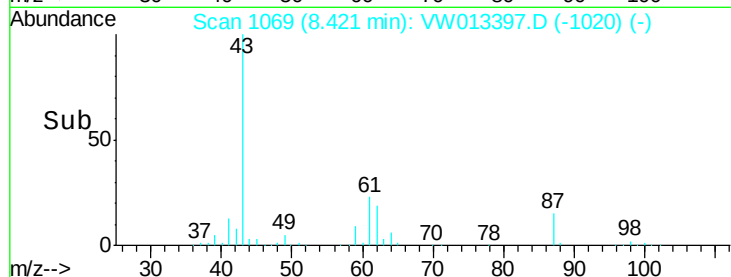
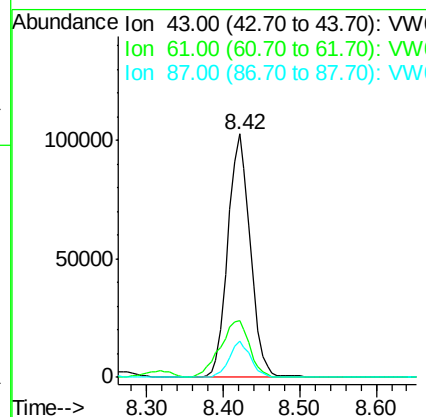
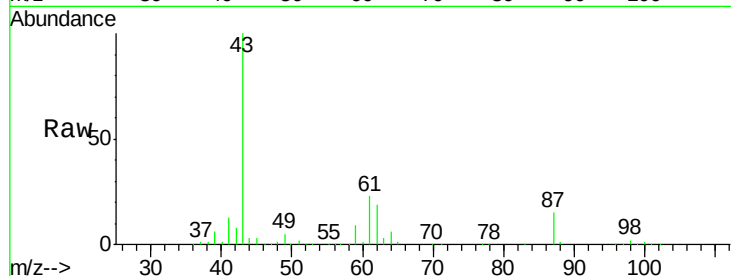
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	207386
Ion	Ratio	Lower	Upper
43	100		
61	30.6	25.5	38.3
87	14.2	11.0	16.4

Manual Integrations
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#44

Trichloroethene

Concen: 51.546 ug/l

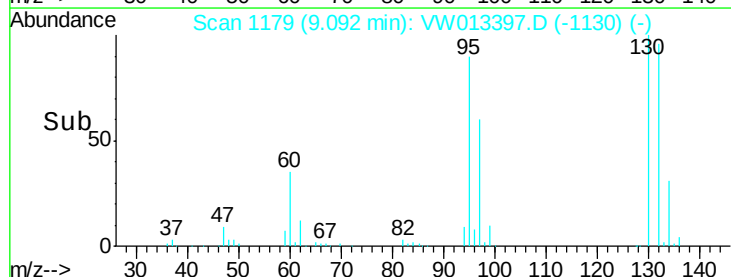
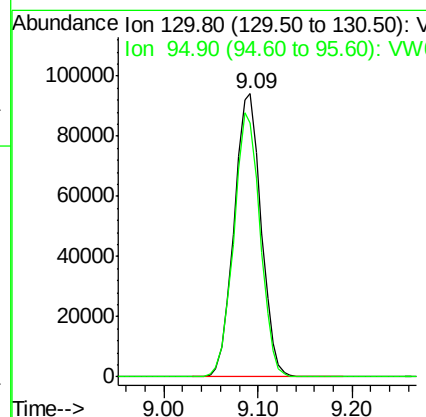
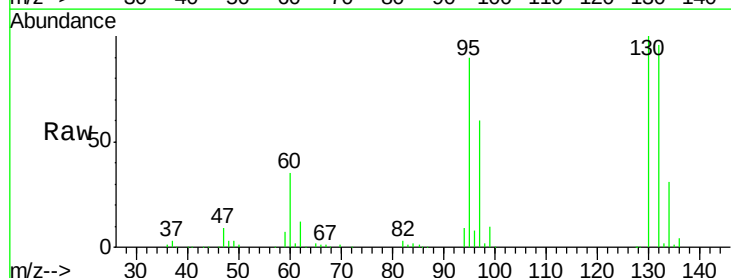
RT: 9.09 min Scan# 1179

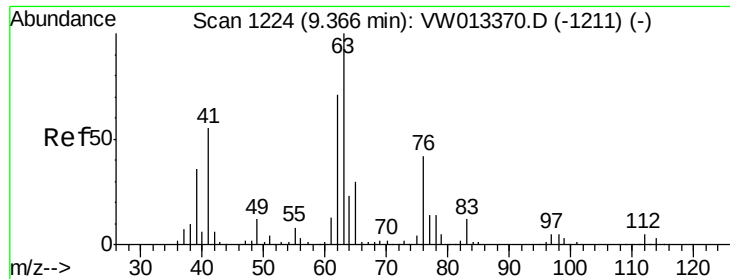
Delta R.T. 0.00 min

Lab File: VW013397.D

Acq: 02 Oct 2019 23:49

Tgt Ion:	130	Resp:	187322
Ion	Ratio	Lower	Upper
130	100		
95	89.8	0.0	188.0





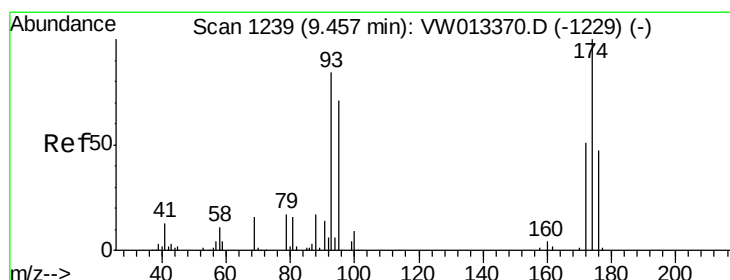
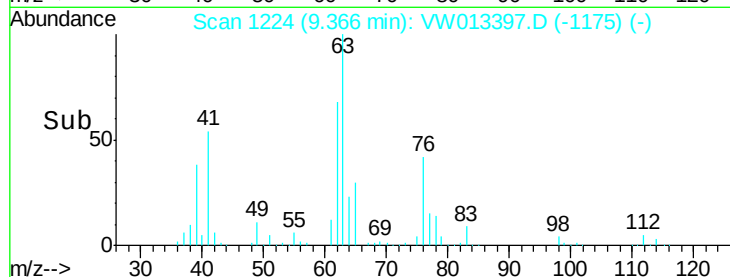
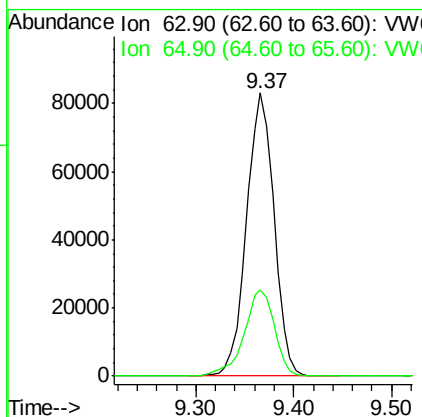
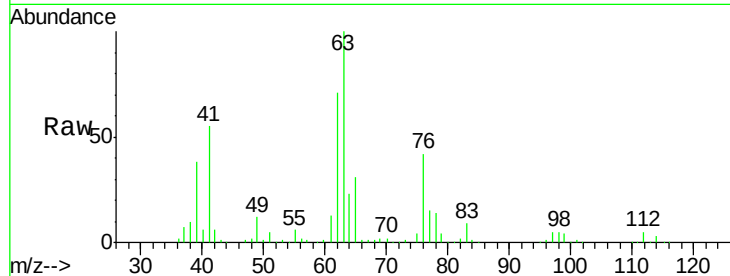
#45
 1,2-Dichloropropane
 Concen: 52.572 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW013397.D
 Acq: 02 Oct 2019 23:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.5	25.3	37.9

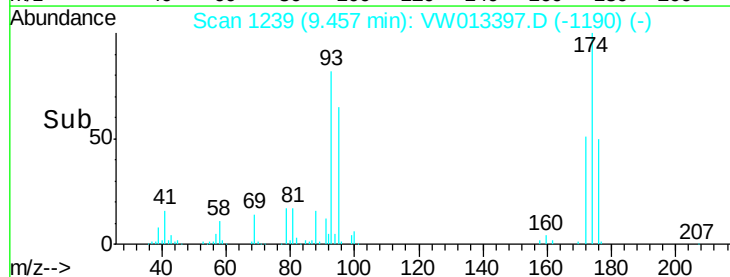
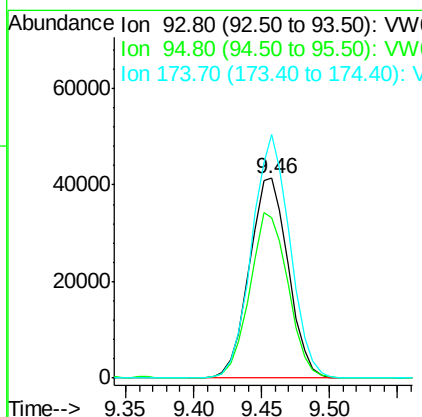
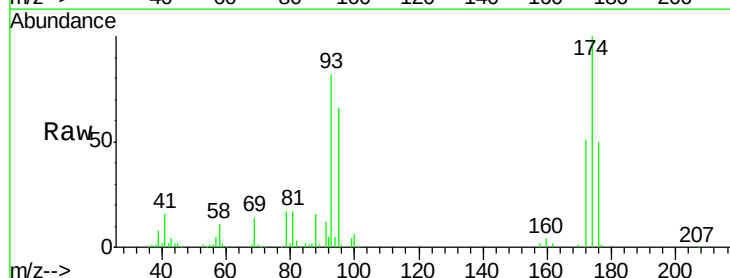
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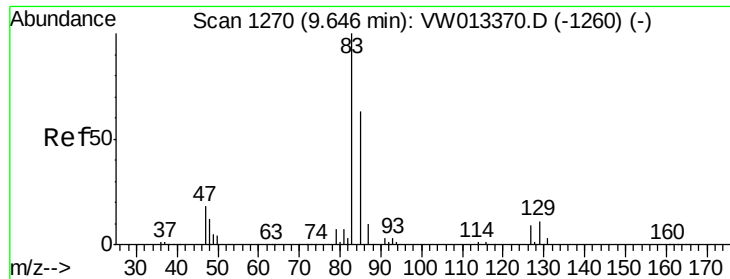
MMDadoda
 10/4/2019 12:11:17 PM



#46
 Dibromomethane
 Concen: 53.940 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW013397.D
 Acq: 02 Oct 2019 23:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.3	66.4	99.6
174	118.6	93.0	139.6





#47

Bromodichloromethane

Concen: 53.396 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW013397.D

Acq: 02 Oct 2019 23:49

Instrument :

MSVOA_W

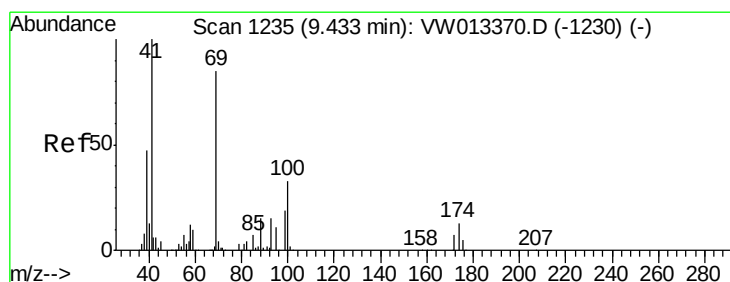
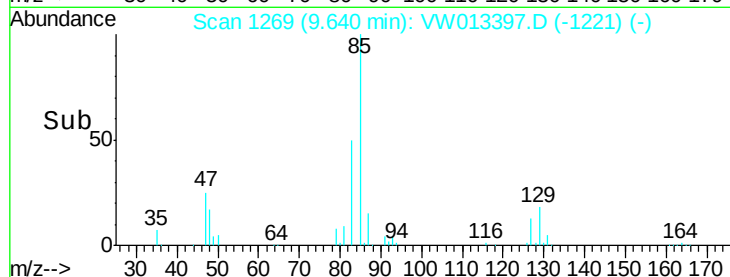
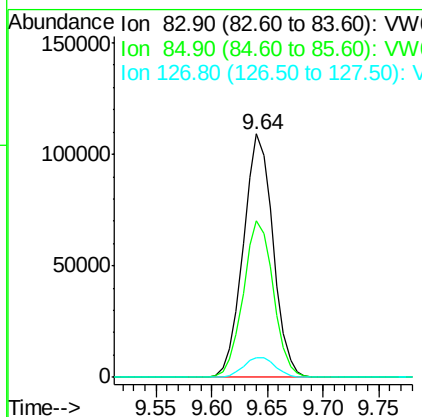
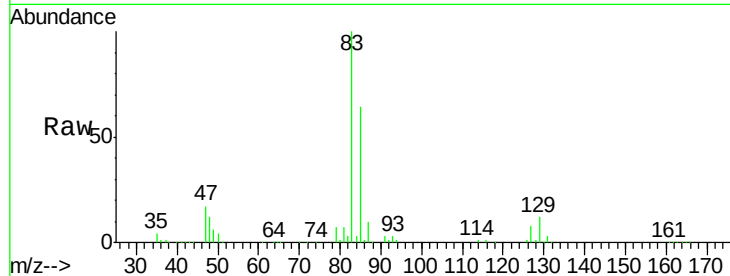
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	202865
Ion Ratio	Lower	Upper	
83	100		
85	64.3	49.4	74.2
127	8.2	6.5	9.7

Manual Integrations
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10/4/2019 12:11:17 PM



#48

Methyl methacrylate

Concen: 54.302 ug/l

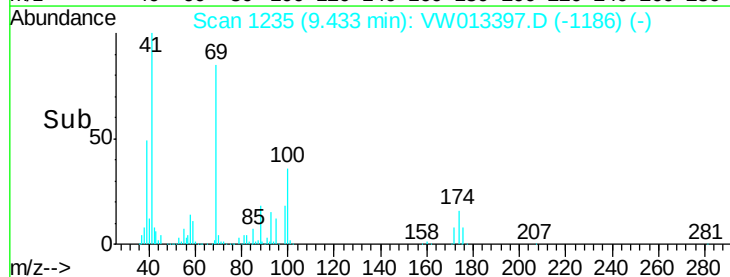
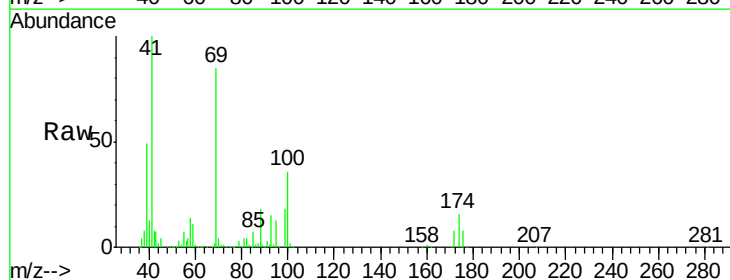
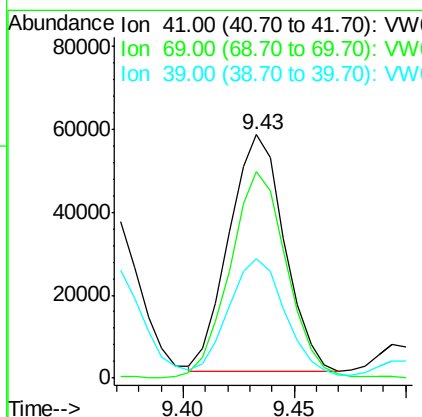
RT: 9.43 min Scan# 1235

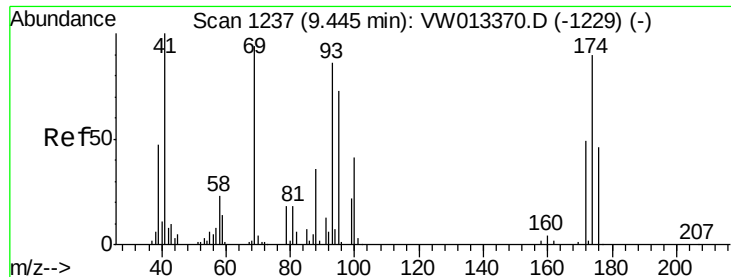
Delta R.T. 0.00 min

Lab File: VW013397.D

Acq: 02 Oct 2019 23:49

Tgt Ion:	41	Resp:	98803
Ion Ratio	Lower	Upper	
41	100		
69	89.1	69.7	104.5
39	49.5	41.1	61.7





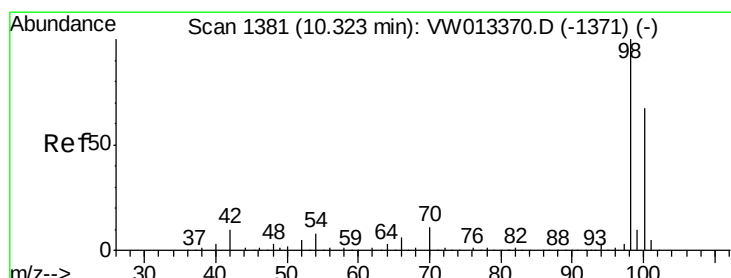
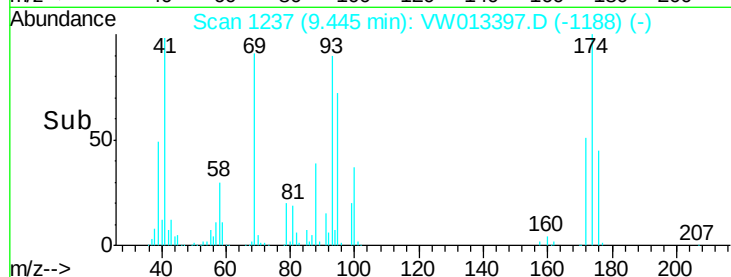
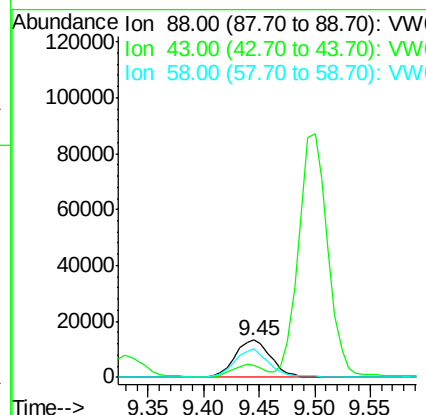
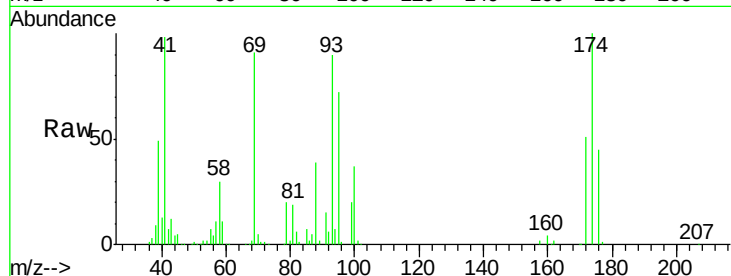
#49
1,4-Dioxane
Concen: 1255.752 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW013397.D
Acq: 02 Oct 2019 23:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.7	0.0	0.0#
58	72.1	65.4	98.0

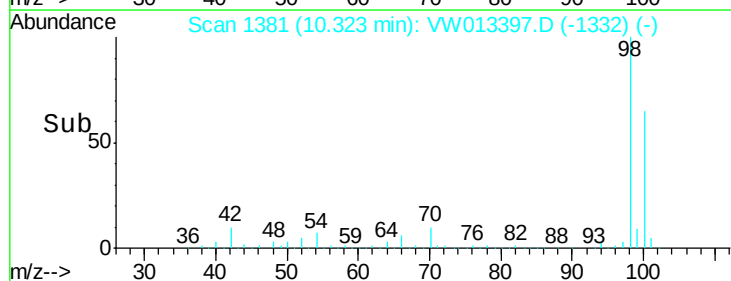
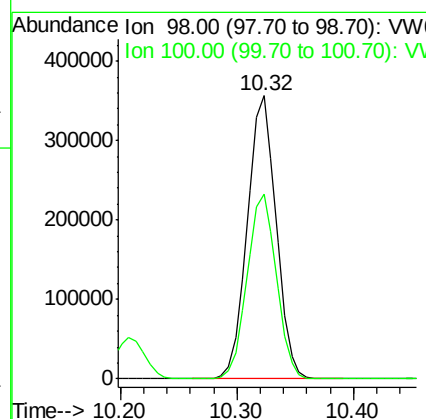
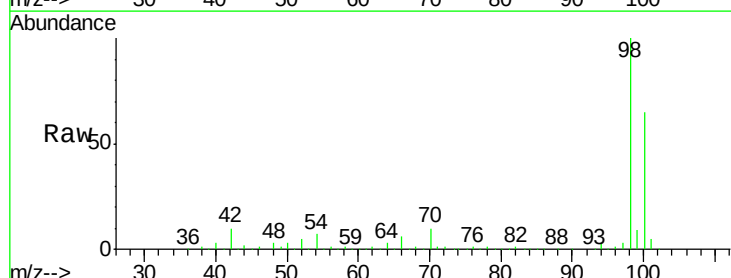
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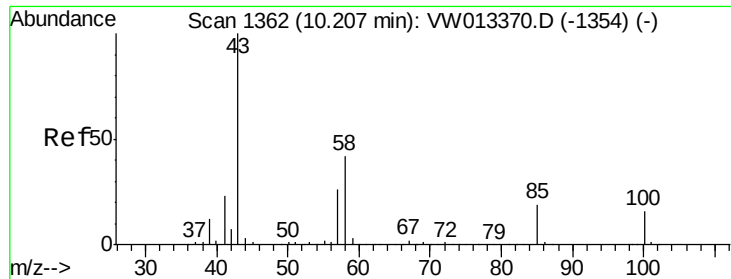
MMDadoda
10/4/2019 12:11:17 PM



#50
Toluene-d8
Concen: 57.821 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW013397.D
Acq: 02 Oct 2019 23:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.9	79.3





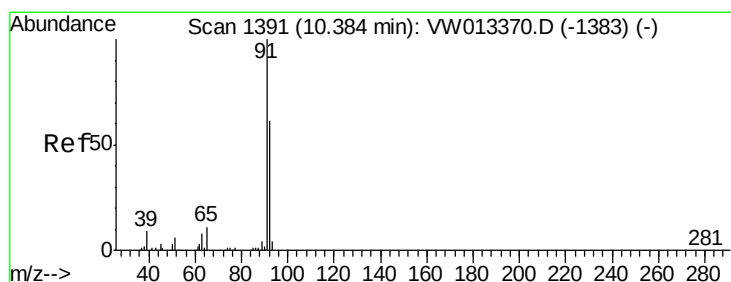
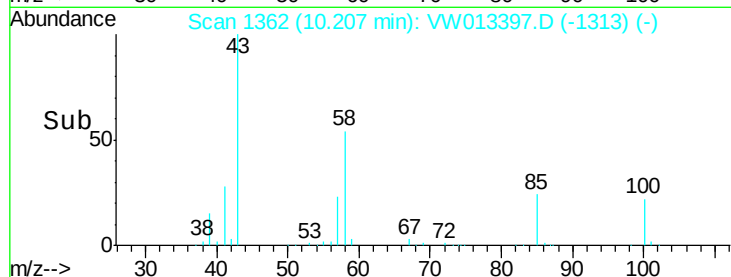
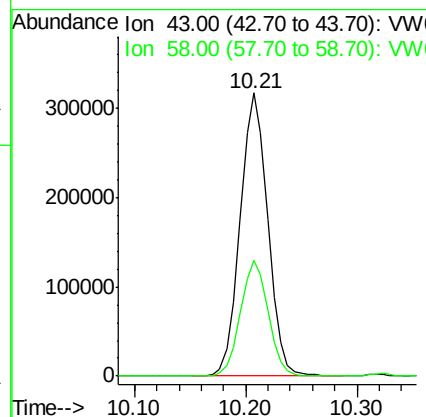
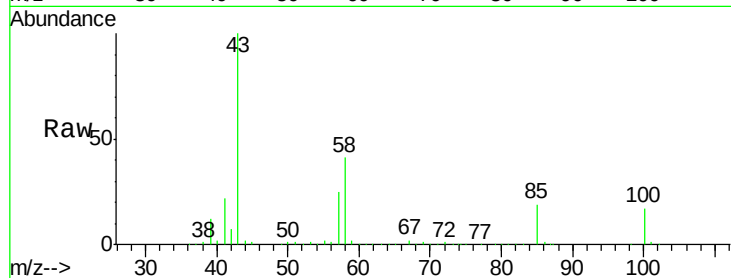
#51
4-Methyl-2-Pentanone
Concen: 273.273 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VW013397.D
Acq: 02 Oct 2019 23:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	58	Ratio	Lower	Upper
43	100				
58	41.0		31.7	47.5	

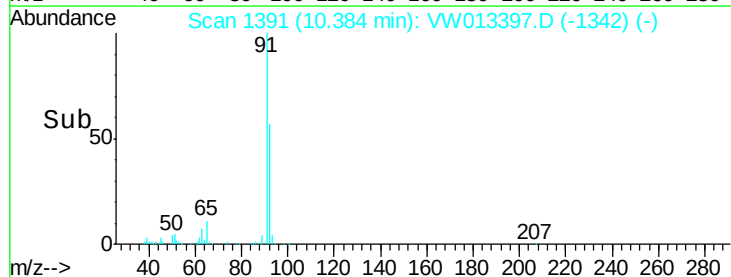
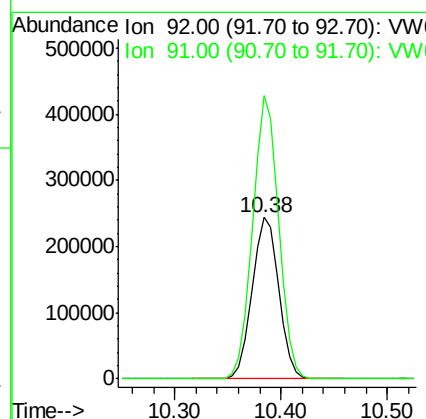
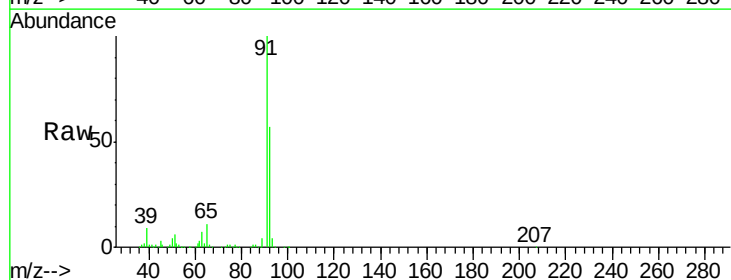
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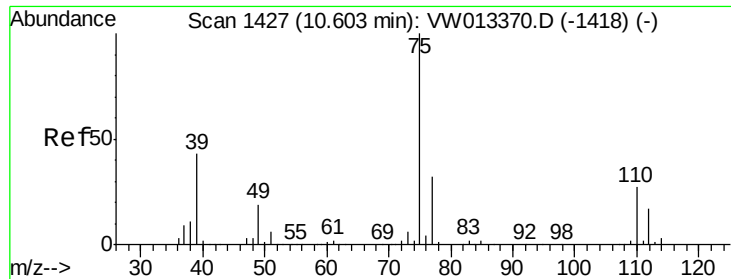
MMDadoda
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#52
Toluene
Concen: 51.624 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW013397.D
Acq: 02 Oct 2019 23:49

Tgt Ion	92	91	Ratio	Lower	Upper
92	100				
91	171.1		135.7	203.5	





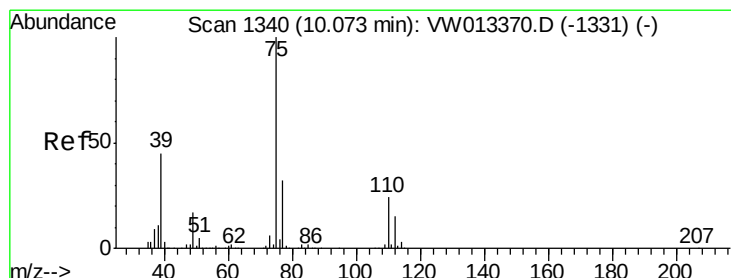
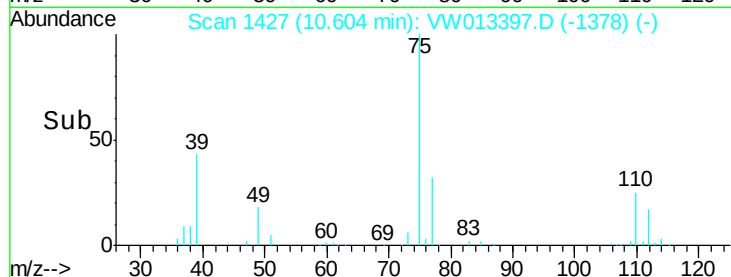
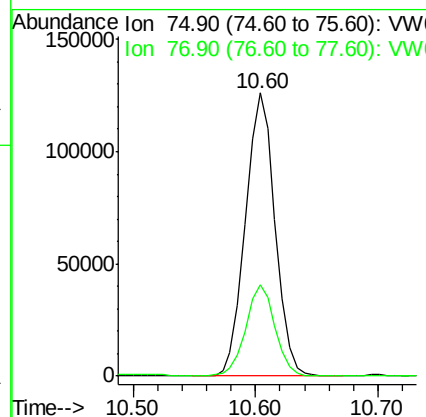
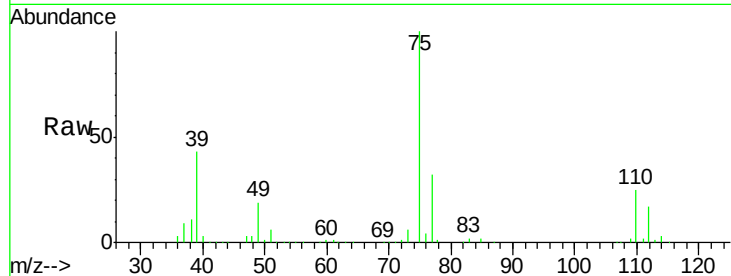
#53
t-1,3-Dichloropropene
Concen: 53.550 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW013397.D
Acq: 02 Oct 2019 23:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
75	100	211622		
77	32.2	25.5	38.3	

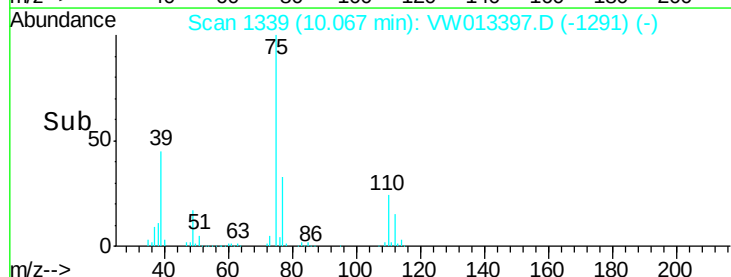
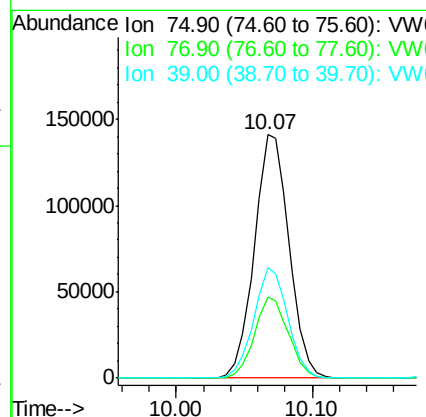
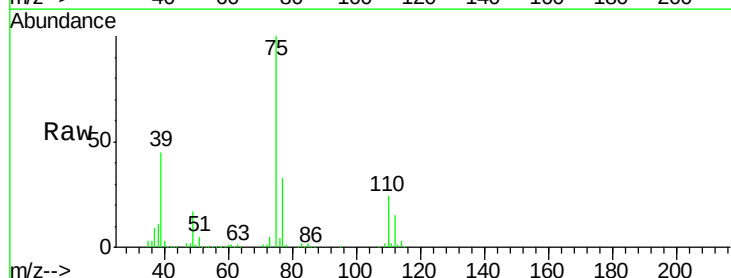
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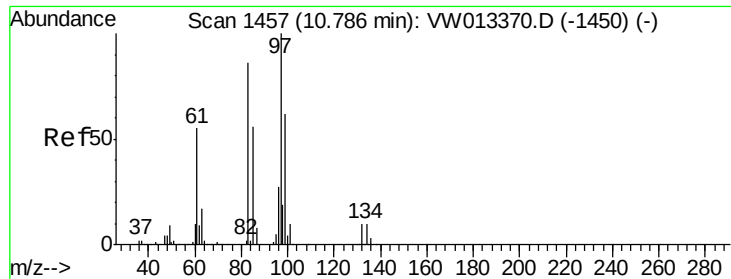
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 52.658 ug/l
RT: 10.07 min Scan# 1339
Delta R.T. -0.01 min
Lab File: VW013397.D
Acq: 02 Oct 2019 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	252307		
77	33.2	25.2	37.8	
39	45.1	36.6	55.0	





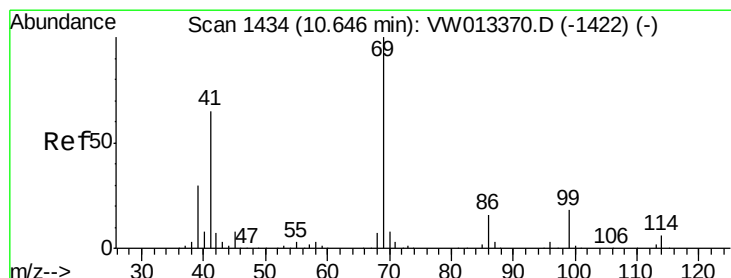
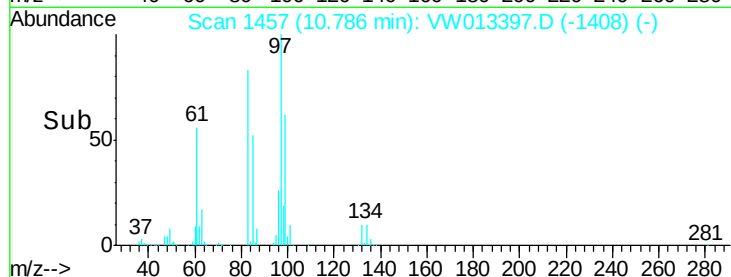
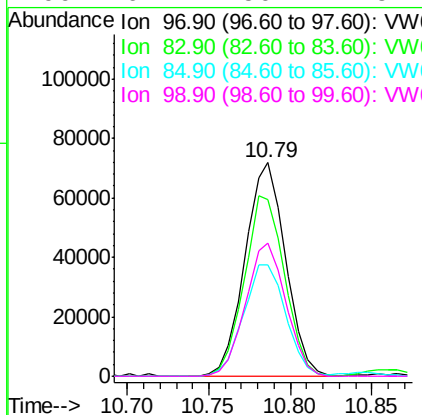
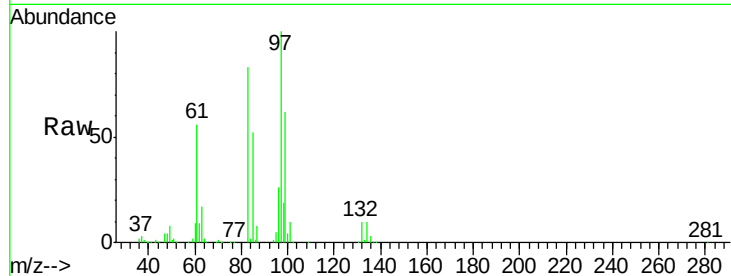
#55
 1,1,2-Trichloroethane
 Concen: 53.898 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW013397.D
 Acq: 02 Oct 2019 23:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		124090		
83	82.9	67.6	101.4		
85	52.4	41.9	62.9		
99	62.2	50.1	75.1		

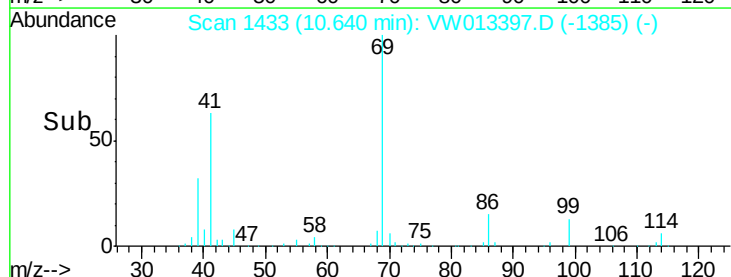
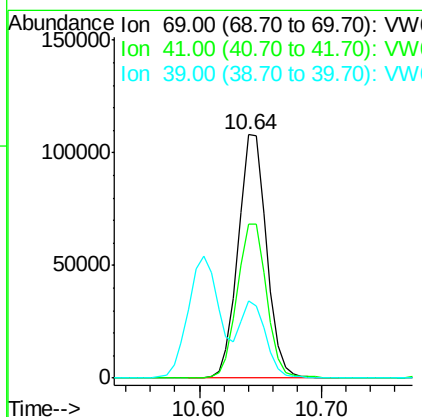
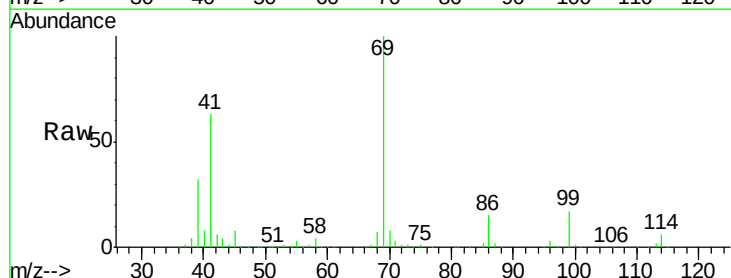
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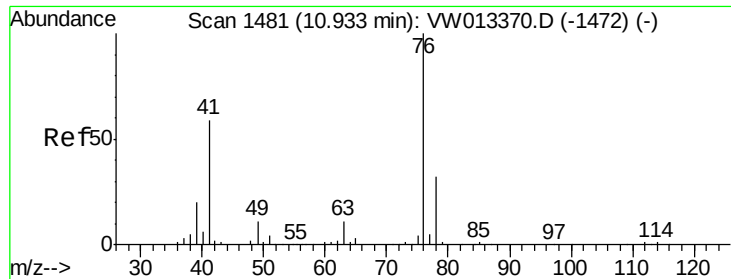
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 56.178 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: VW013397.D
 Acq: 02 Oct 2019 23:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		174088		
41	66.2	53.9	80.9		
39	27.7	23.8	35.6		





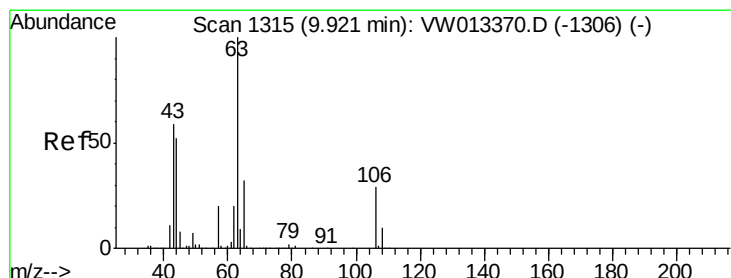
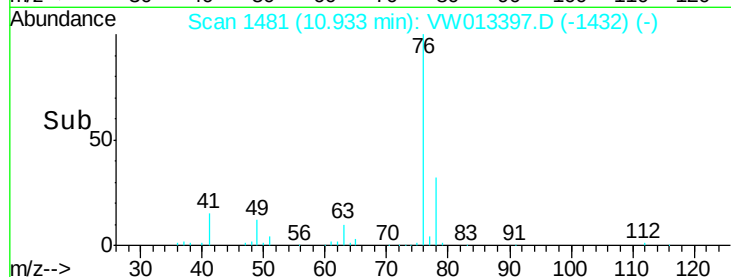
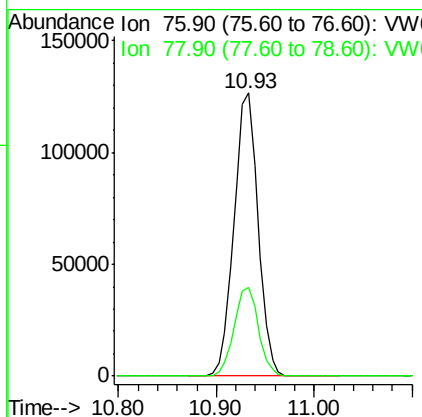
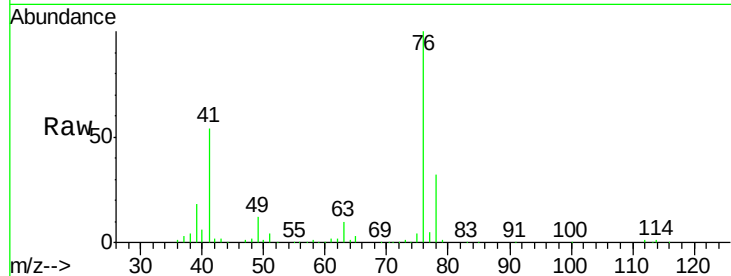
#57
 1,3-Dichloropropane
 Concen: 54.028 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW013397.D
 Acq: 02 Oct 2019 23:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 216244
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.5 38.3

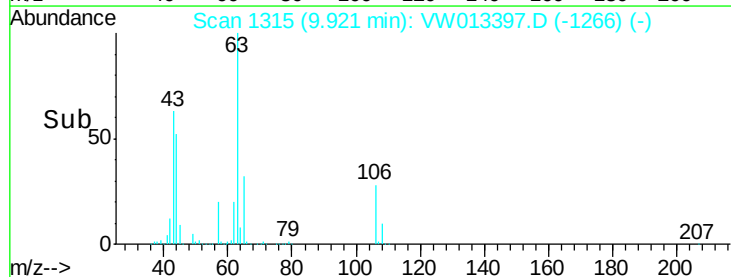
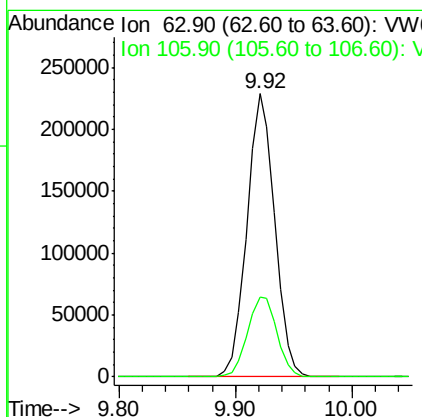
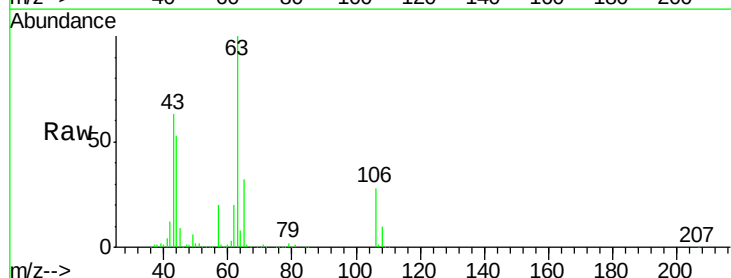
Manual Integrations
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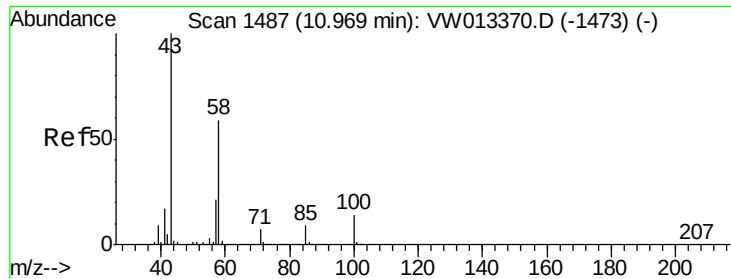
MMDadoda
 10/4/2019 12:11:17 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 299.435 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW013397.D
 Acq: 02 Oct 2019 23:49

Tgt Ion: 63 Resp: 381165
 Ion Ratio Lower Upper
 63 100
 106 29.8 23.4 35.0





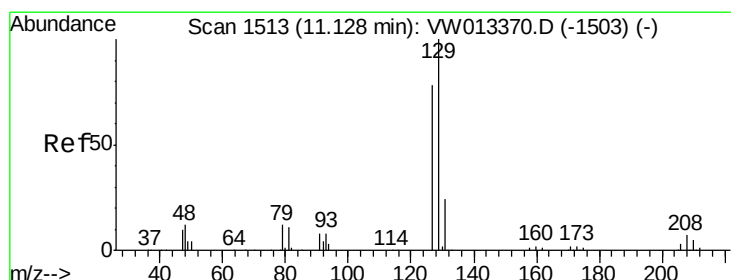
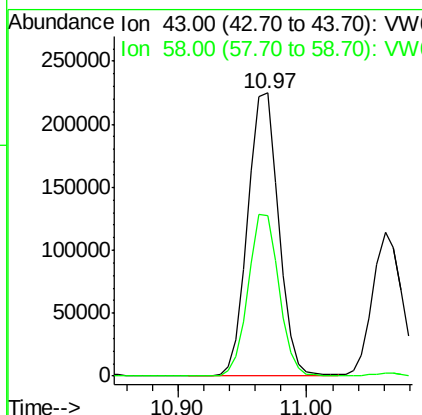
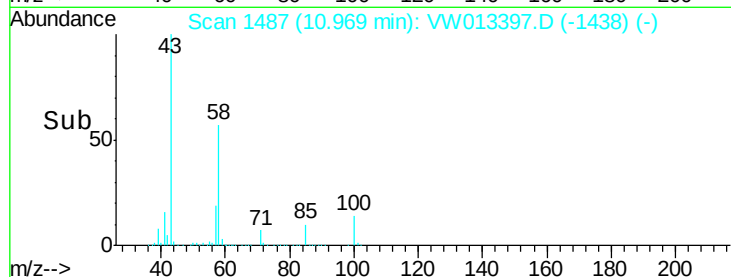
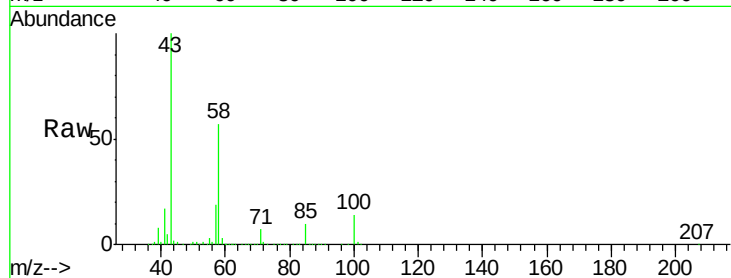
#59
2-Hexanone
Concen: 269.587 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW013397.D
Acq: 02 Oct 2019 23:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 371768
Ion Ratio Lower Upper
43 100
58 57.0 28.1 84.2

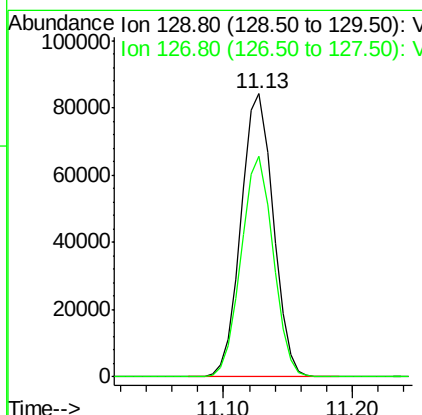
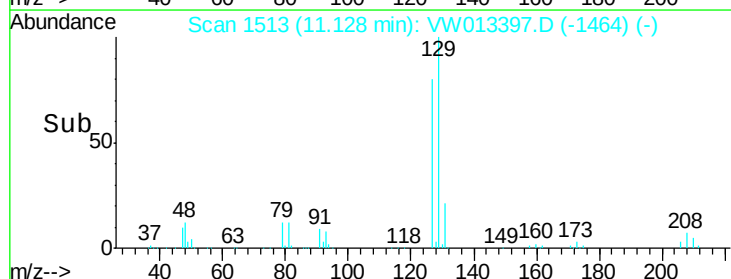
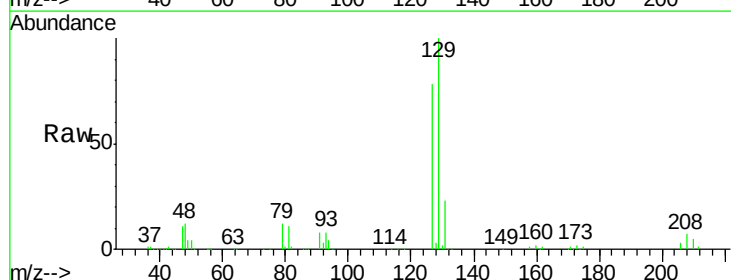
Manual Integrations
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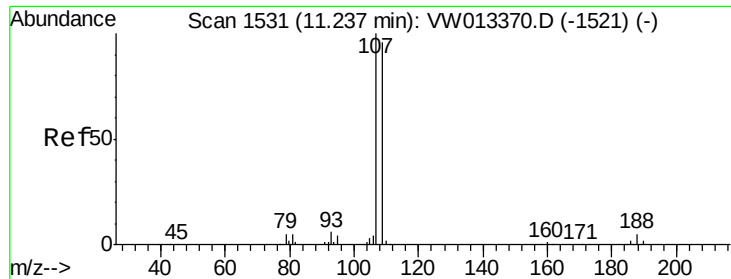
MMDadoda
10/4/2019 12:11:17 PM



#60
Dibromochloromethane
Concen: 55.409 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW013397.D
Acq: 02 Oct 2019 23:49

Tgt Ion: 129 Resp: 145940
Ion Ratio Lower Upper
129 100
127 77.1 38.8 116.4





#61

1,2-Dibromoethane

Concen: 54.402 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW013397.D

Acq: 02 Oct 2019 23:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 121030

Ion Ratio Lower Upper

107 100

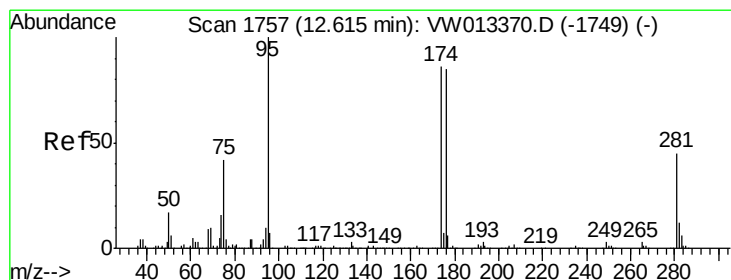
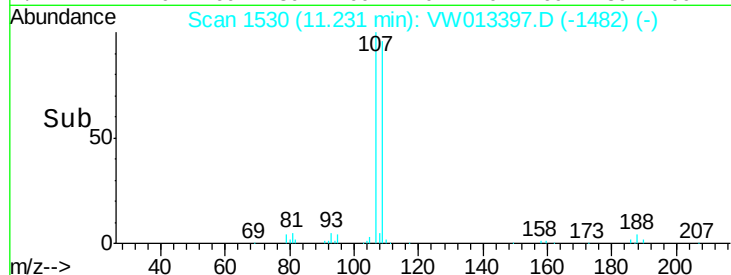
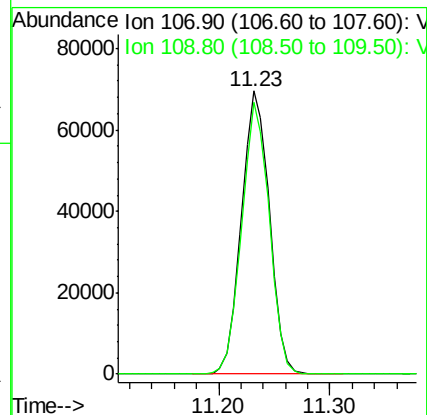
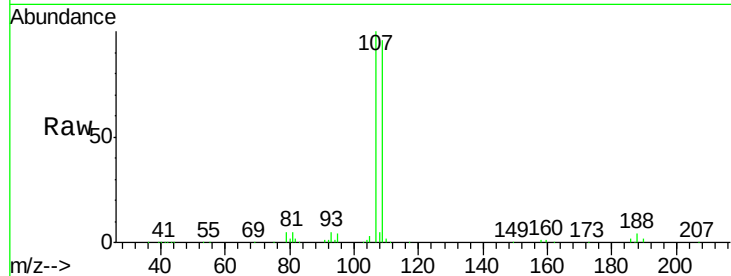
109 94.6 75.2 112.8

Manual Integrations

APPROVED

MMDadoda

10/4/2019 12:11:17 PM



#62

4-Bromofluorobenzene

Concen: 60.277 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013397.D

Acq: 02 Oct 2019 23:49

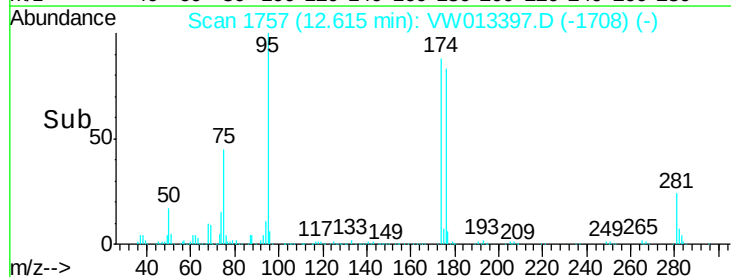
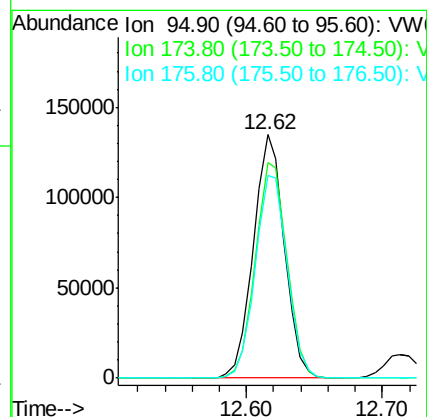
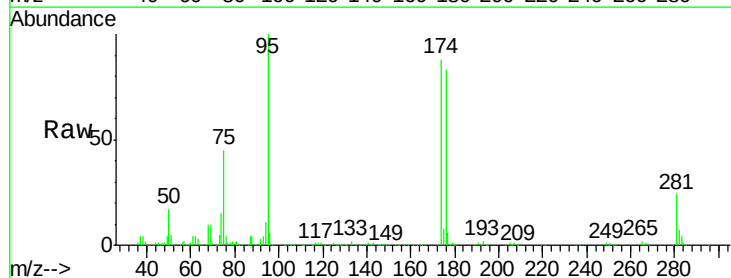
Tgt Ion: 95 Resp: 215131

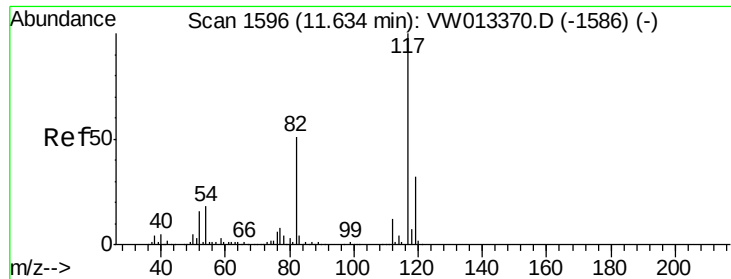
Ion Ratio Lower Upper

95 100

174 90.8 0.0 178.4

176 86.1 0.0 172.2





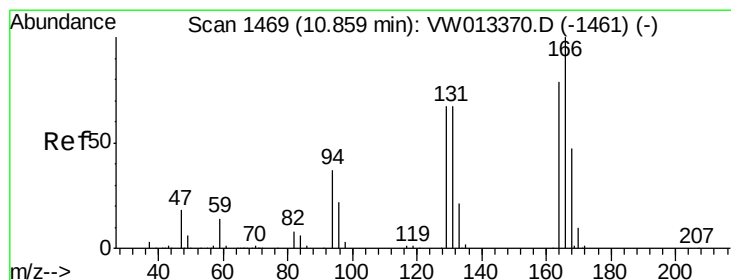
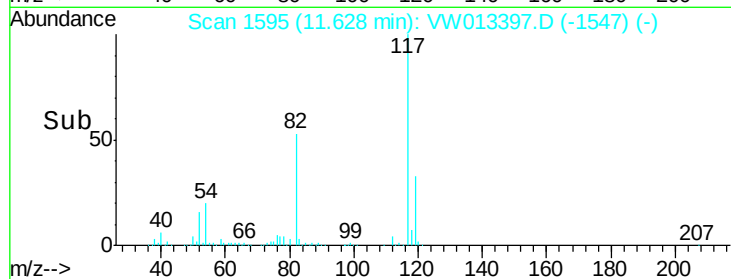
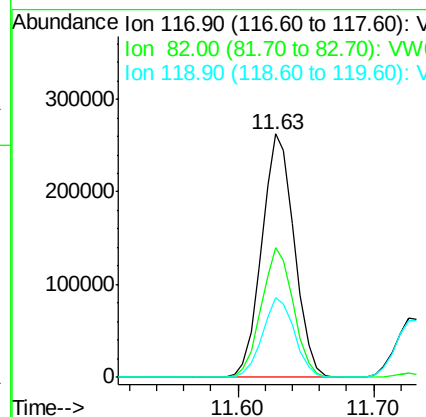
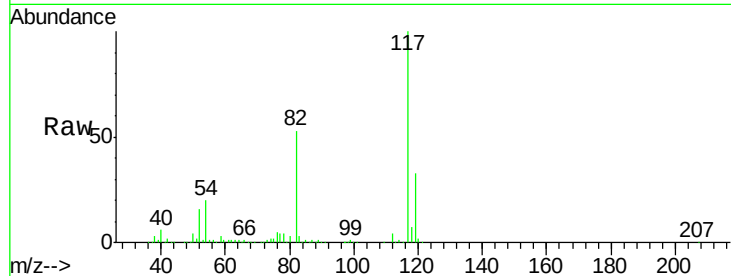
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013397.D
Acq: 02 Oct 2019 23:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	440127		
82	53.2	45.9	68.9	
119	32.5	26.2	39.2	

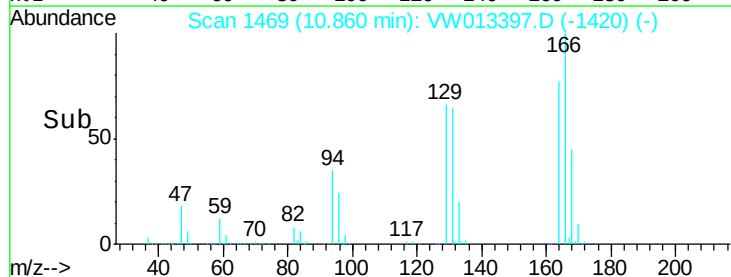
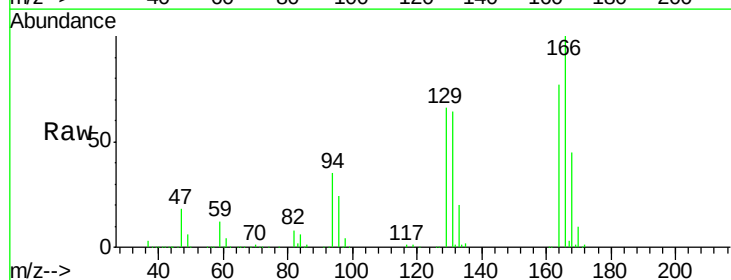
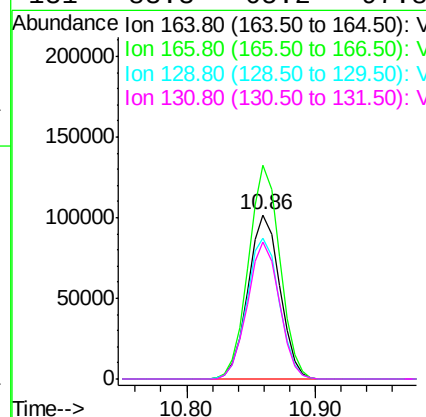
Manual Integrations
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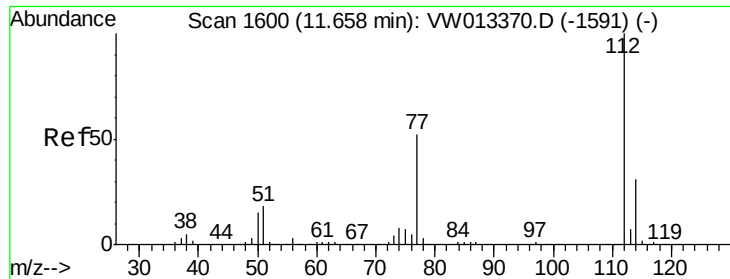
MMDadoda
10/4/2019 12:11:17 PM



#64
Tetrachloroethene
Concen: 51.871 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW013397.D
Acq: 02 Oct 2019 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	173686		
166	130.0	101.2	151.8	
129	85.9	68.8	103.2	
131	83.3	65.2	97.8	





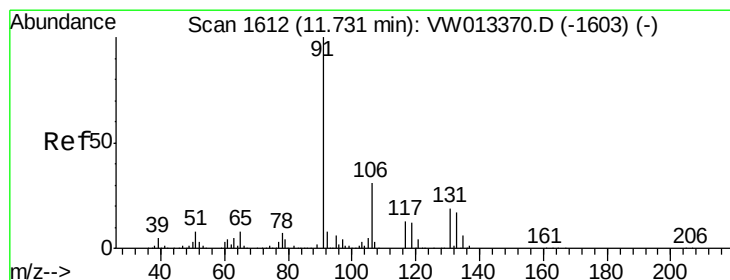
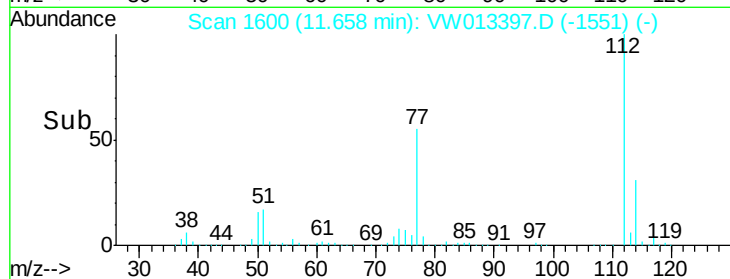
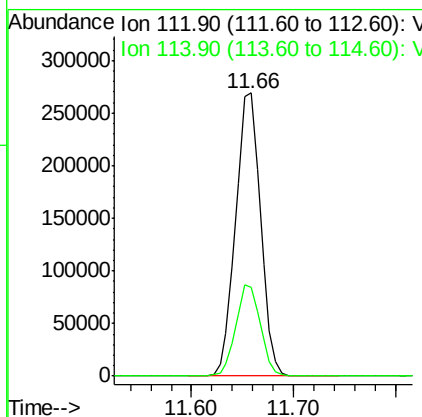
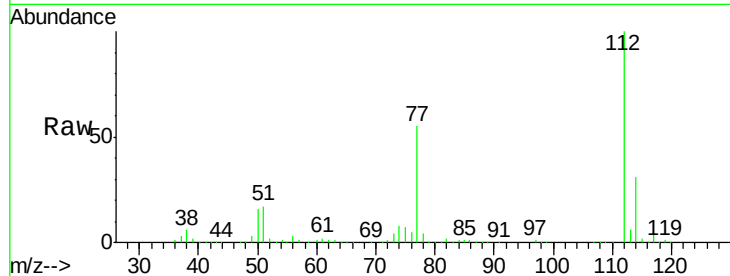
#65
Chlorobenzene
Concen: 50.382 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW013397.D
Acq: 02 Oct 2019 23:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 454290
Ion Ratio Lower Upper
112 100
114 31.5 26.5 39.7

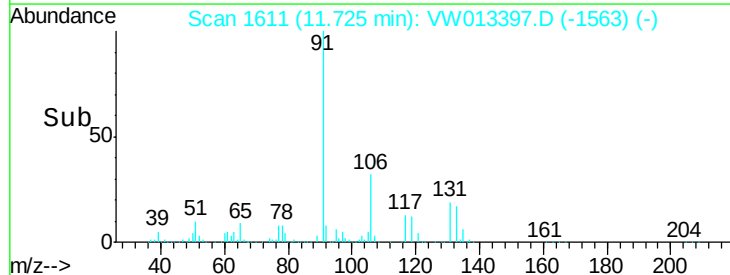
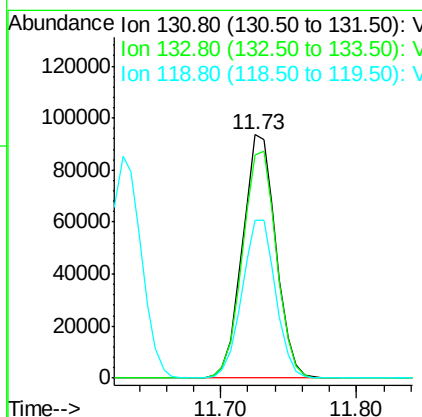
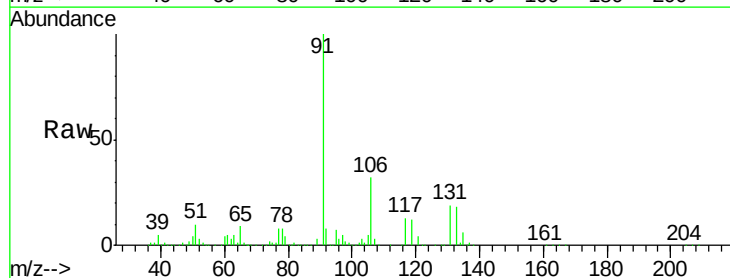
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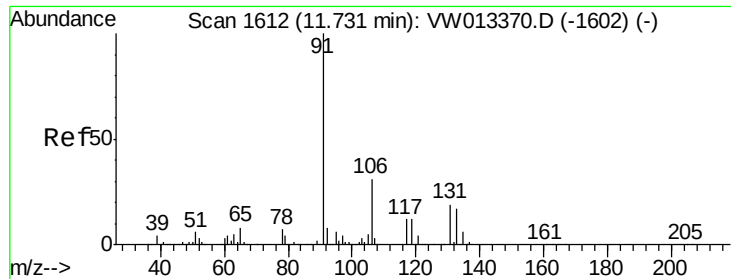
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.317 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW013397.D
Acq: 02 Oct 2019 23:49

Tgt Ion:131 Resp: 160670
Ion Ratio Lower Upper
131 100
133 94.7 47.5 142.6
119 65.2 32.5 97.5





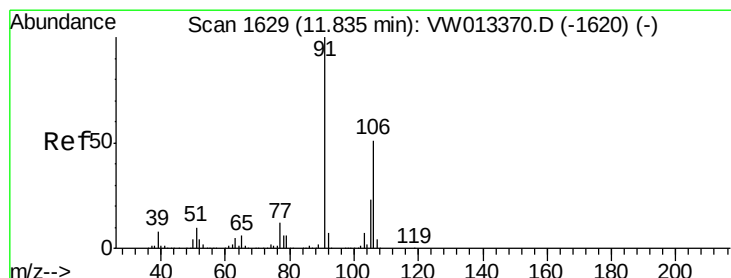
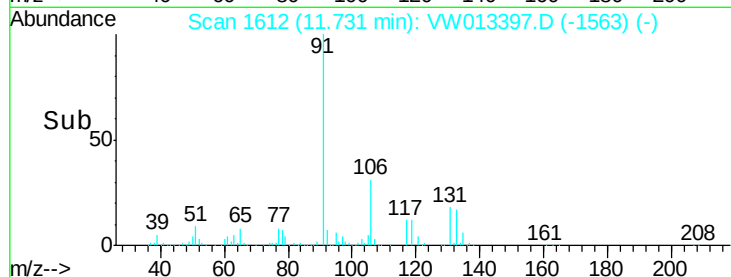
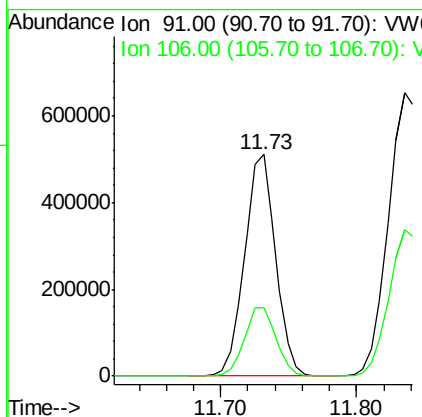
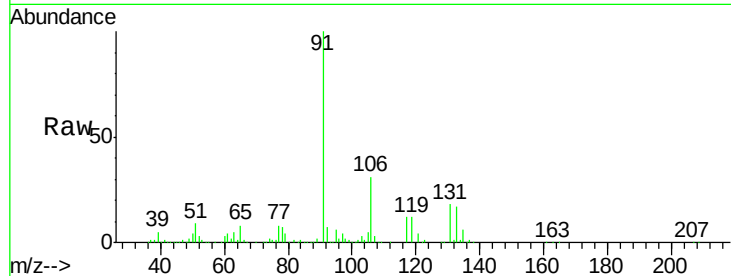
#67
Ethyl Benzene
Concen: 50.537 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013397.D
Acq: 02 Oct 2019 23:49

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050EC

Tot Ion: 91 Resp: 816697
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3

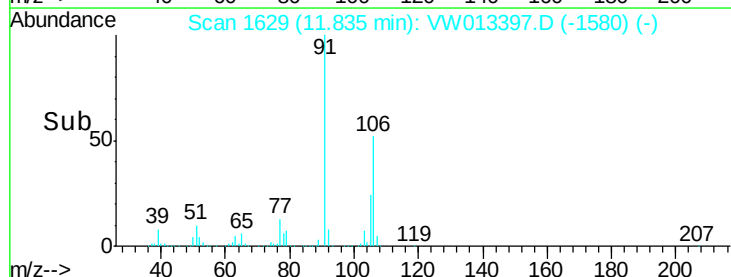
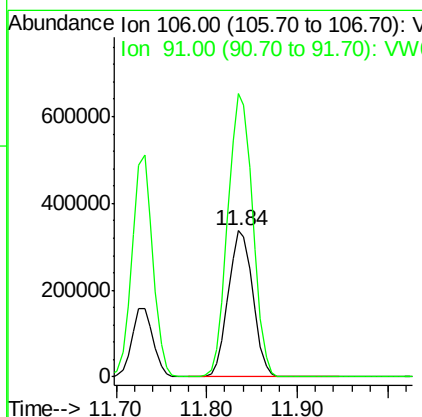
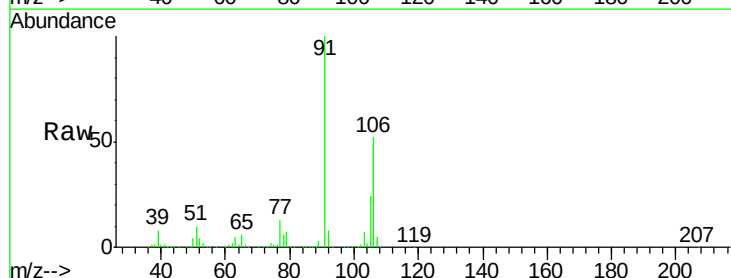
Manual Integrations
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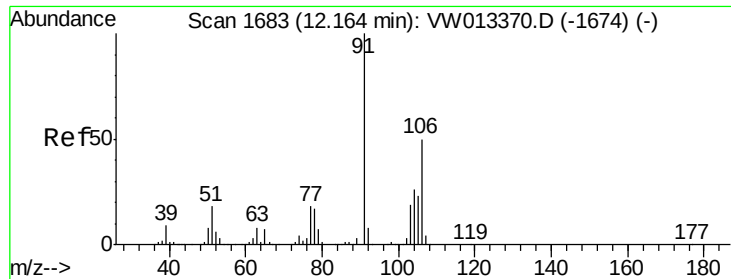
MMDadoda
10/4/2019 12:11:17 PM



#68
m/p-Xylenes
Concen: 101.584 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW013397.D
Acq: 02 Oct 2019 23:49

Tgt Ion: 106 Resp: 633658
Ion Ratio Lower Upper
106 100
91 196.1 157.9 236.9





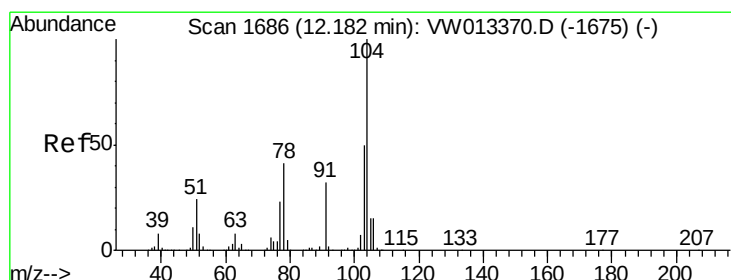
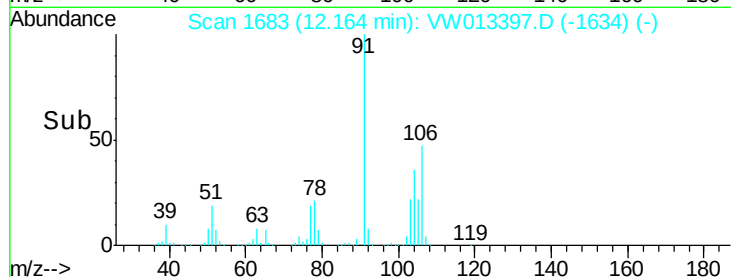
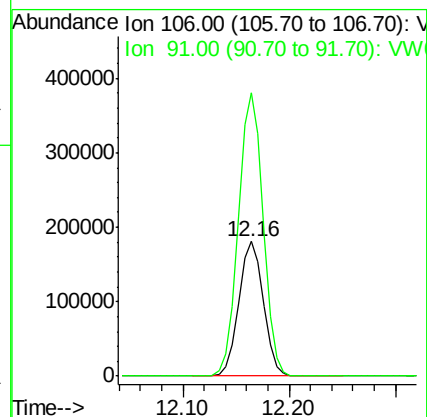
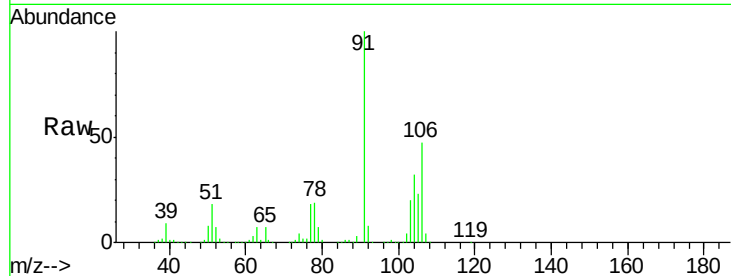
#69
o-Xylene
Concen: 50.906 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW013397.D
Acq: 02 Oct 2019 23:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		293592		
91	210.9	106.5	319.5		

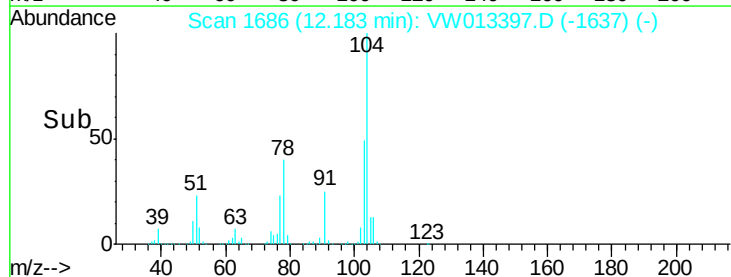
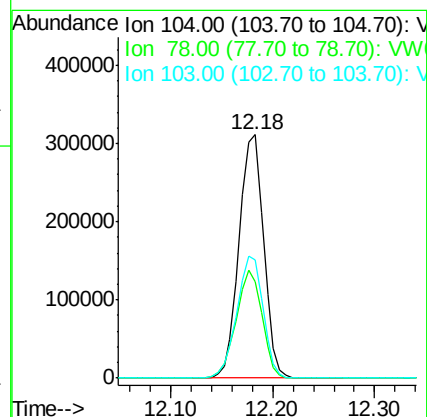
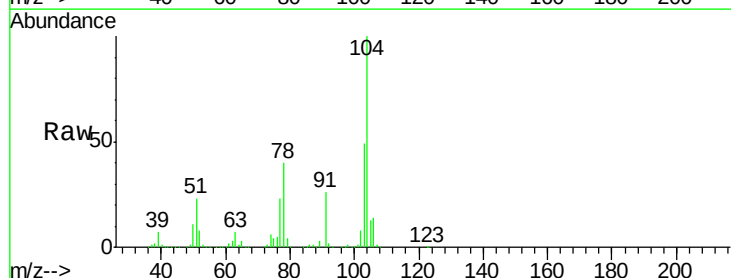
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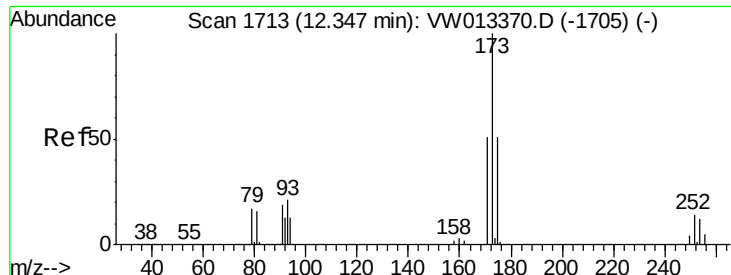
MMDadoda
10/4/2019 12:11:17 PM



#70
Styrene
Concen: 52.518 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW013397.D
Acq: 02 Oct 2019 23:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		517766		
78	46.8	38.4	57.6		
103	53.3	43.3	64.9		





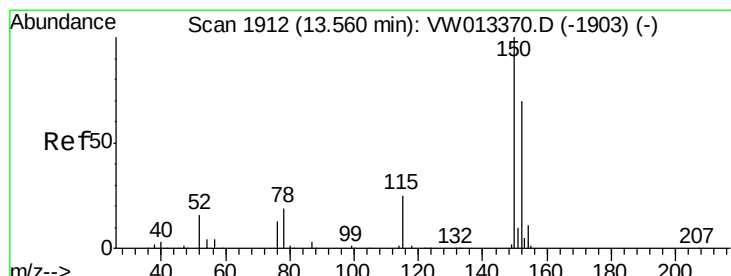
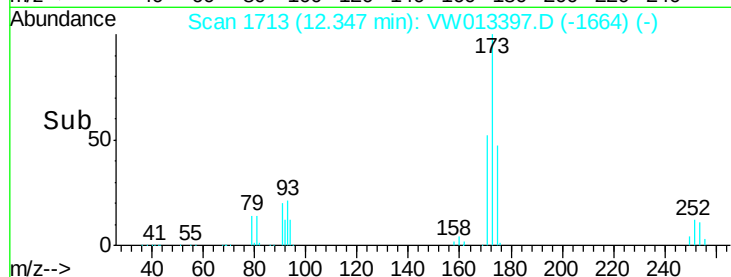
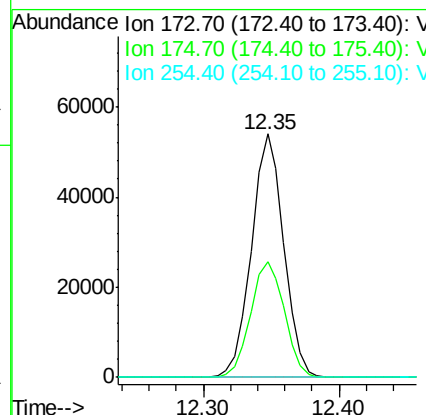
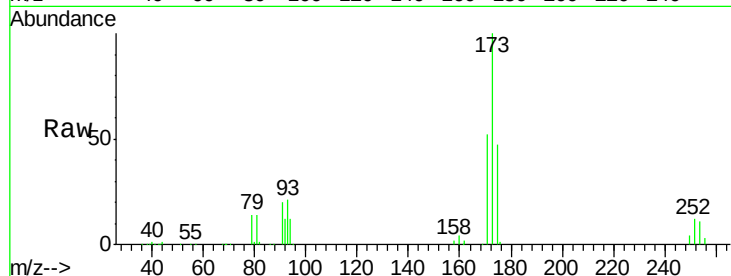
#71
Bromoform
Concen: 53.903 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW013397.D
Acq: 02 Oct 2019 23:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.6	24.3	73.0
254	0.0	0.1	0.1#

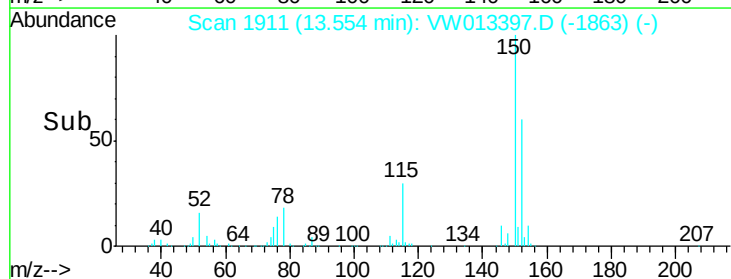
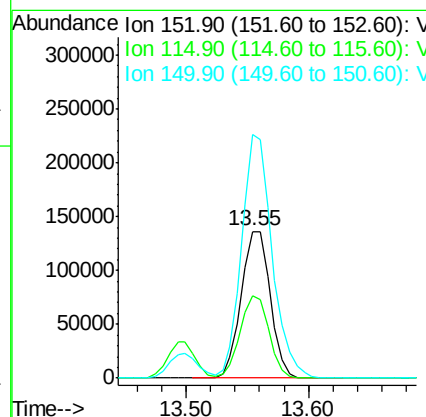
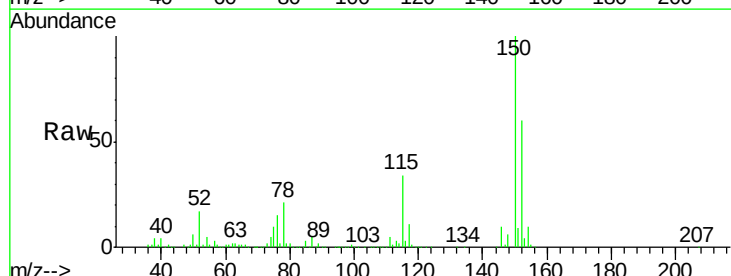
Manual Integrations
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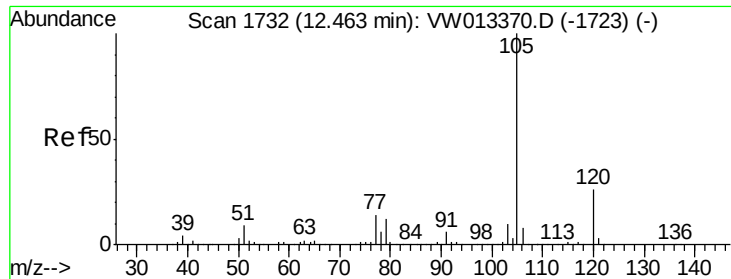
MMDadoda
10/4/2019 12:11:17 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013397.D
Acq: 02 Oct 2019 23:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	27.3	81.9
150	173.4	0.0	349.0





#73

Isopropylbenzene

Concen: 49.214 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW013397.D

Acq: 02 Oct 2019 23:49

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 809456

Ion Ratio Lower Upper

105 100

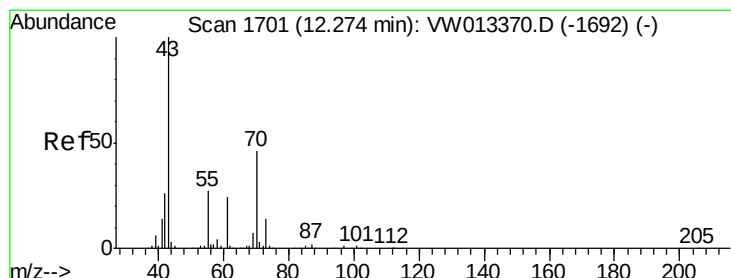
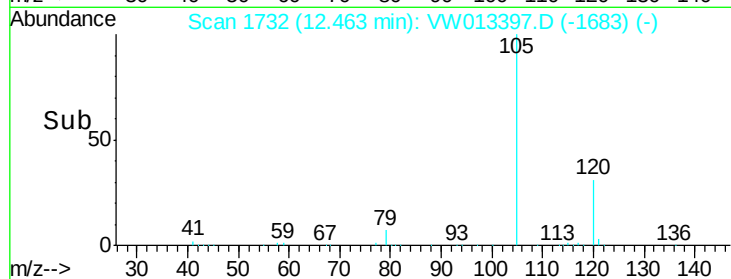
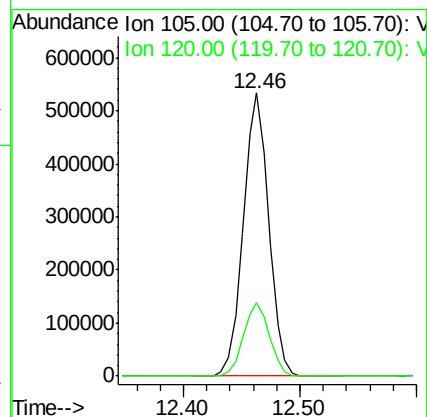
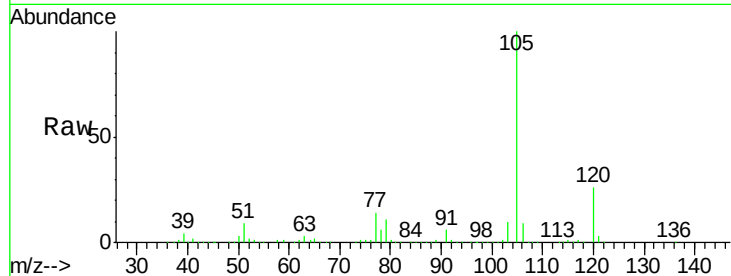
120 26.5 13.4 40.1

Manual Integrations

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#74

N-ethyl acetate

Concen: 55.313 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW013397.D

Acq: 02 Oct 2019 23:49

Tgt Ion: 43 Resp: 193616

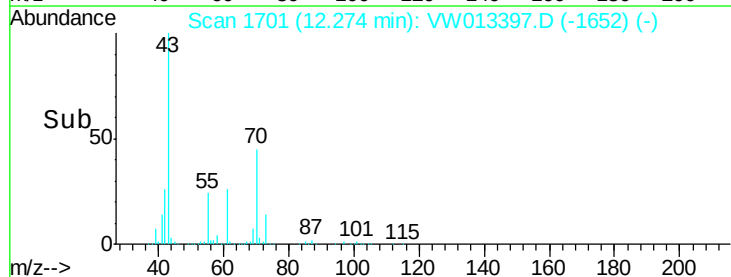
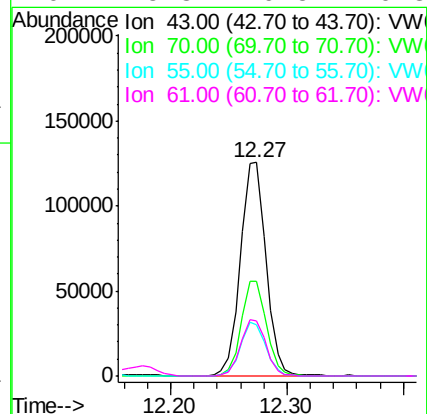
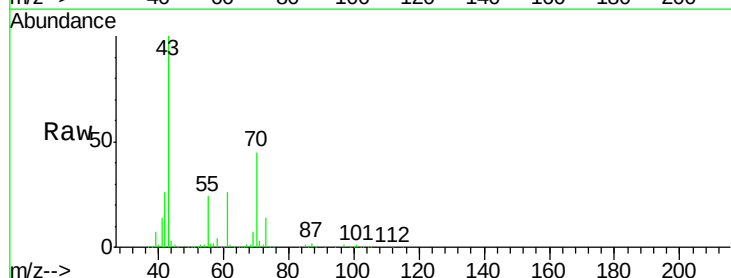
Ion Ratio Lower Upper

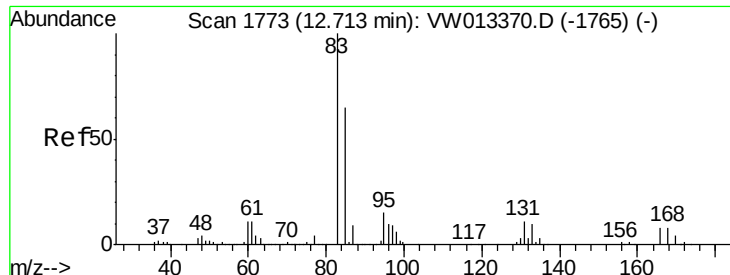
43 100

70 44.0 35.1 52.7

55 25.2 19.9 29.9

61 25.8 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 52.012 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW013397.D

Acq: 02 Oct 2019 23:49

Instrument :

MSVOA_W

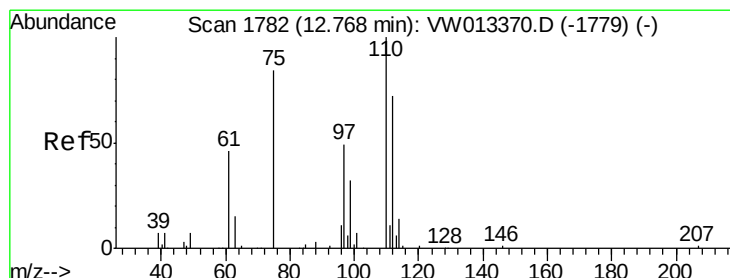
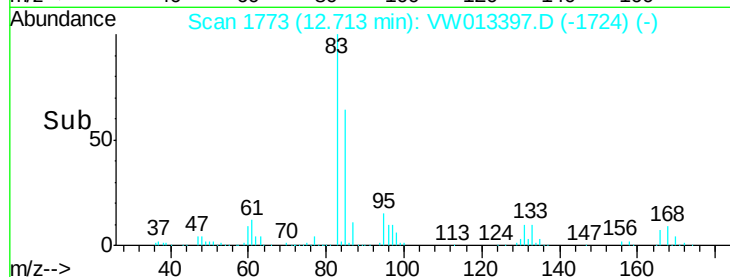
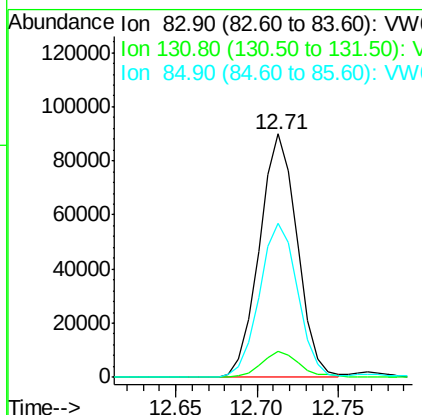
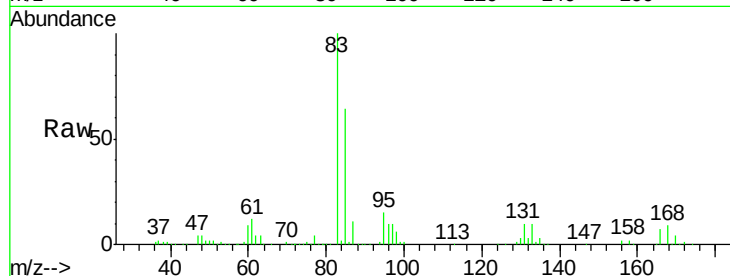
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	144795
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.4	16.2
85	64.0	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 54.443 ug/l m

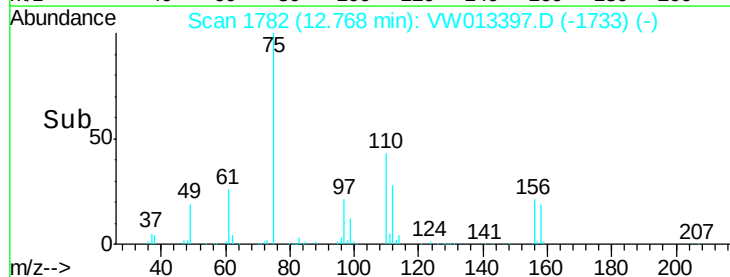
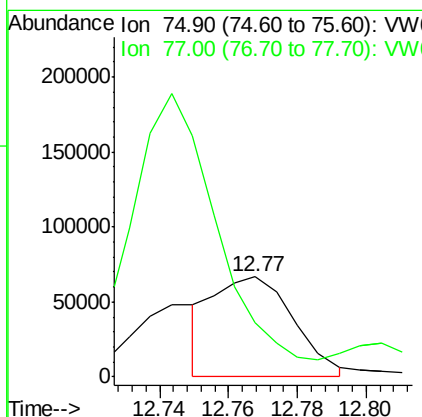
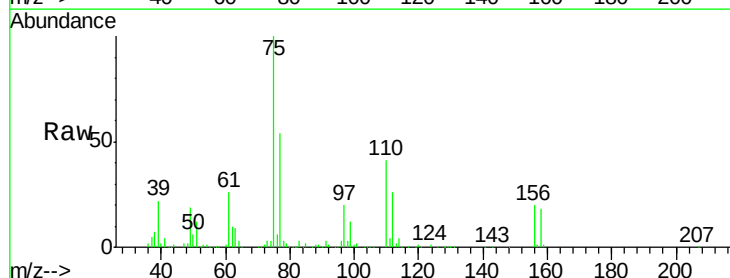
RT: 12.77 min Scan# 1782

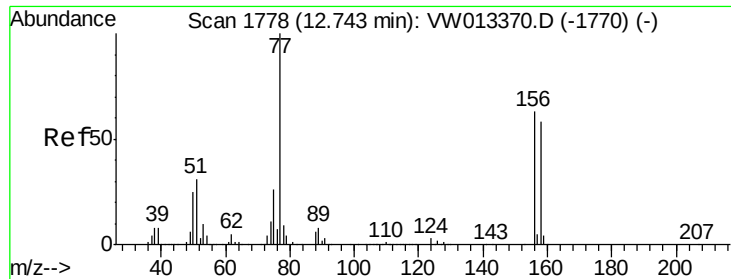
Delta R.T. 0.00 min

Lab File: VW013397.D

Acq: 02 Oct 2019 23:49

Tgt Ion:	75	Resp:	108802
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 49.670 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW013397.D

Acq: 02 Oct 2019 23:49

Instrument :

MSVOA_W

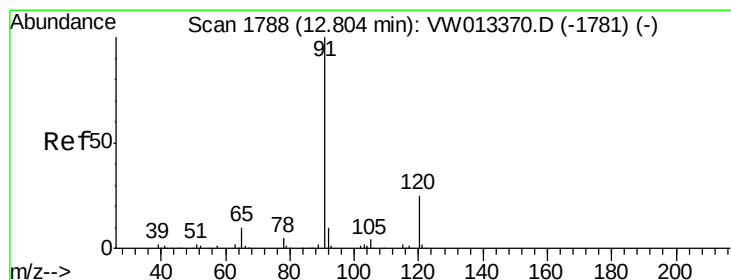
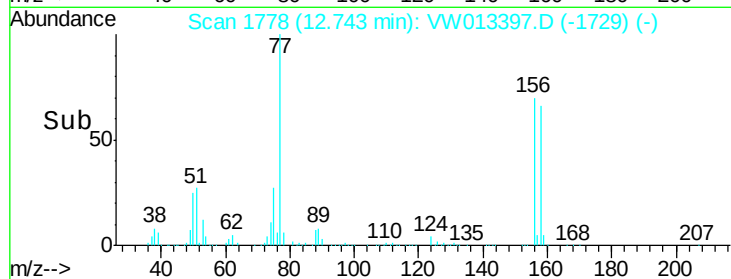
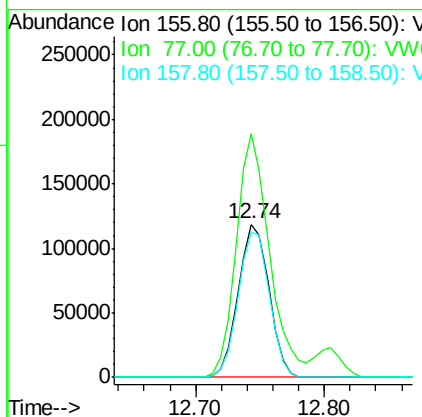
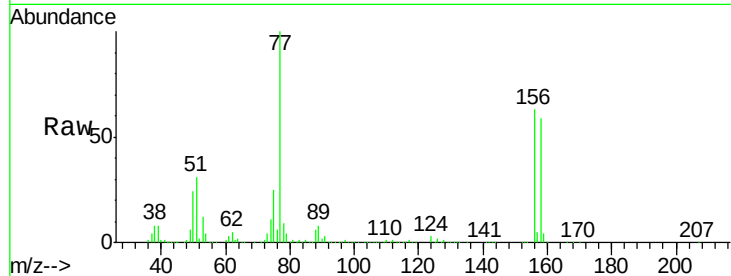
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	172.7	85.7	257.1
158	96.2	48.1	144.4

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#78

n-propylbenzene

Concen: 49.551 ug/l

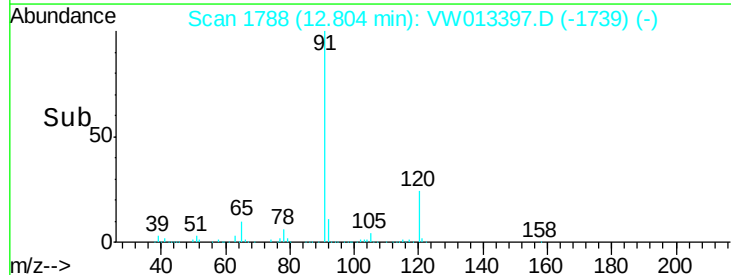
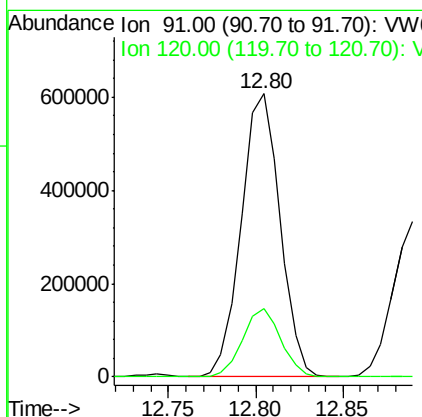
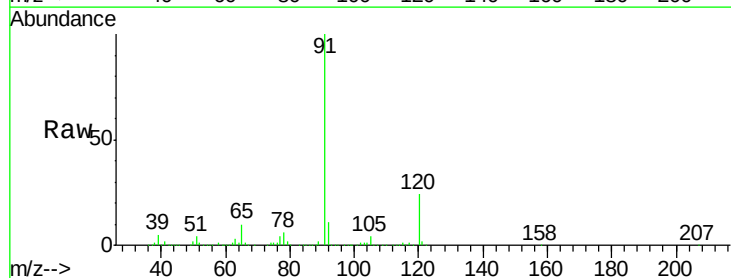
RT: 12.80 min Scan# 1788

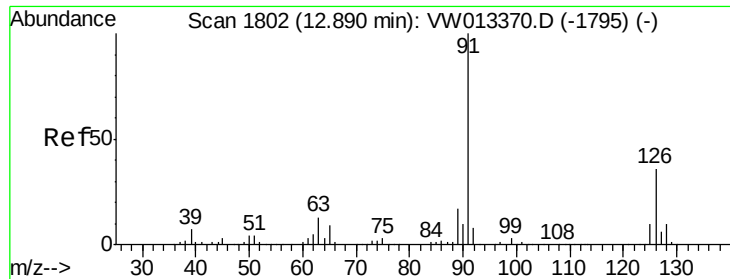
Delta R.T. 0.00 min

Lab File: VW013397.D

Acq: 02 Oct 2019 23:49

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.7	35.1





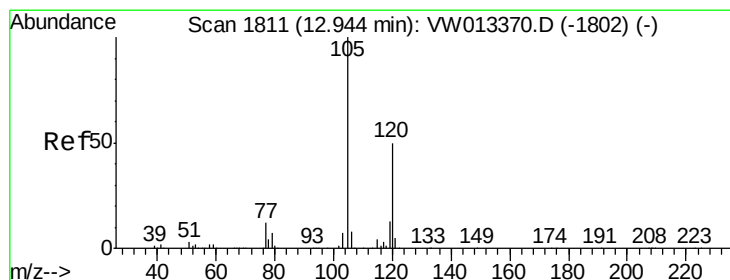
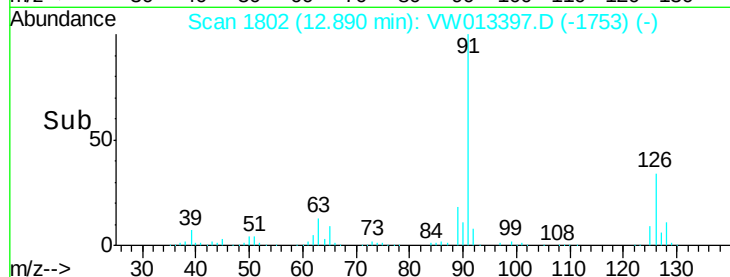
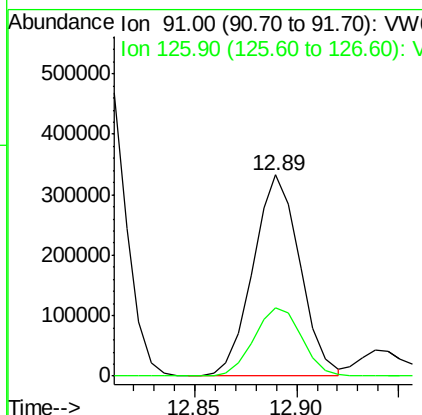
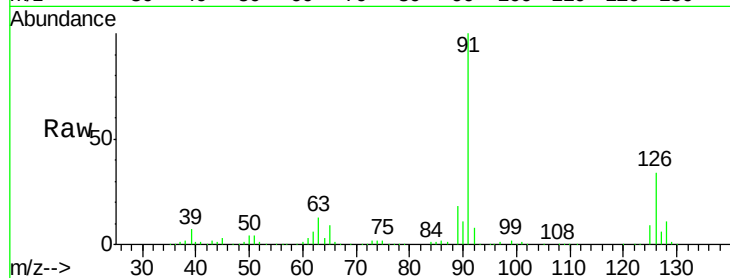
#79
 2-Chlorotoluene
 Concen: 50.607 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VW013397.D
 Acq: 02 Oct 2019 23:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 531802
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.2 51.5

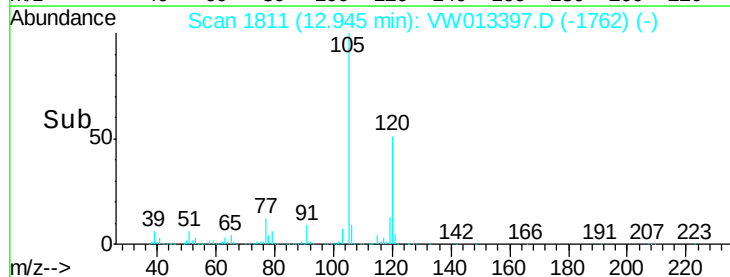
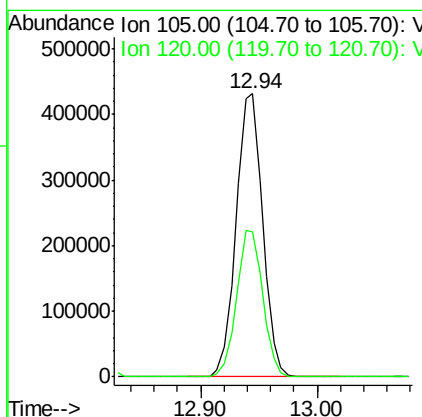
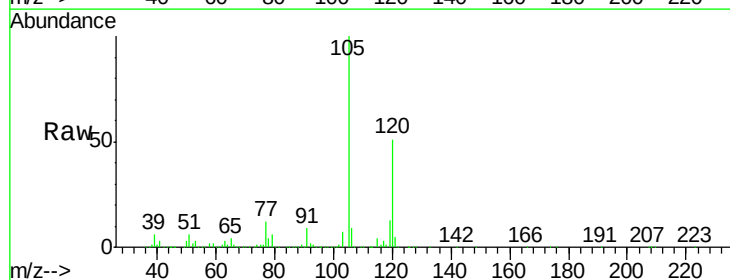
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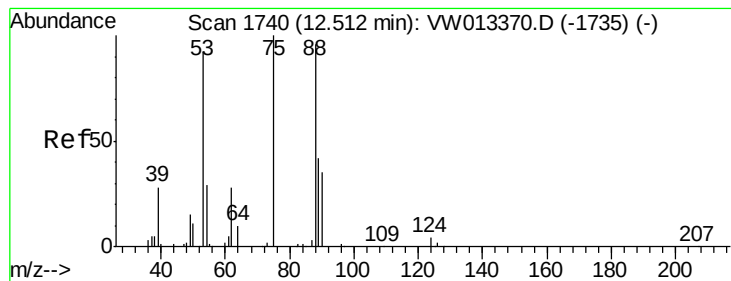
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#80
 1,3,5-Trimethylbenzene
 Concen: 50.000 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW013397.D
 Acq: 02 Oct 2019 23:49

Tgt Ion:105 Resp: 683153
 Ion Ratio Lower Upper
 105 100
 120 51.1 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 48.885 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW013397.D

Acq: 02 Oct 2019 23:49

Instrument :

MSVOA_W

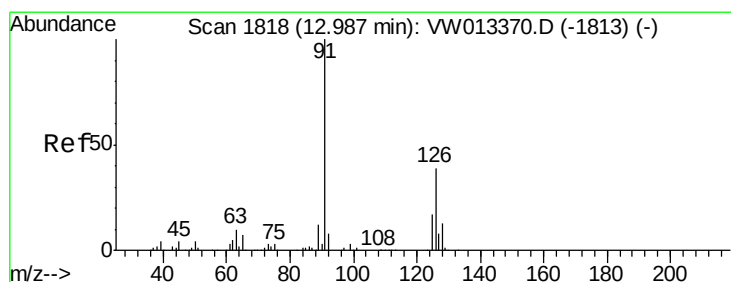
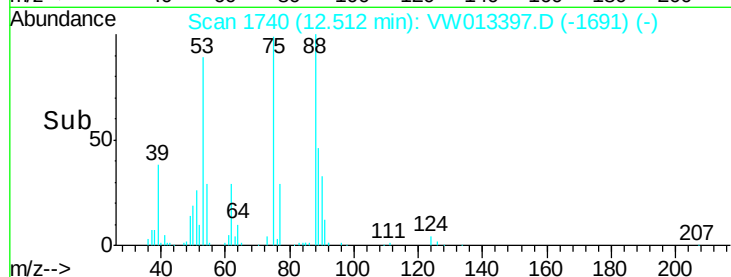
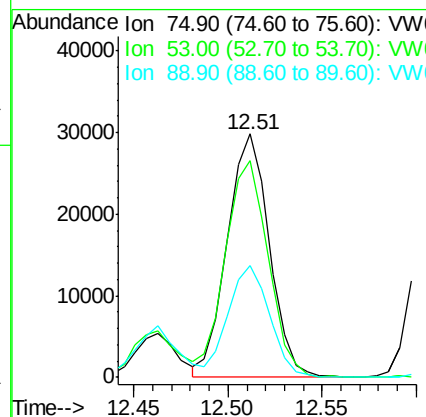
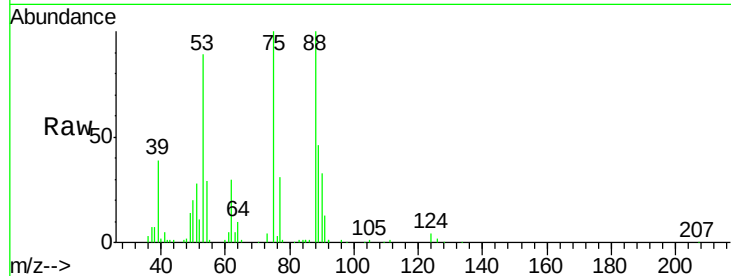
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	45845
Ion	Ratio	Lower	Upper
75	100		
53	91.8	76.6	114.8
89	45.5	33.5	50.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 50.792 ug/l

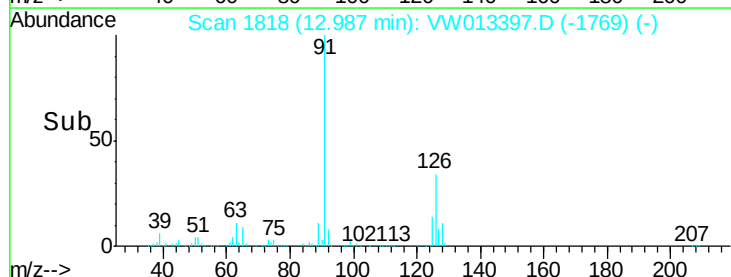
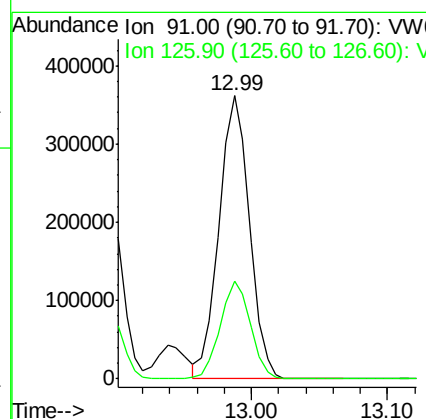
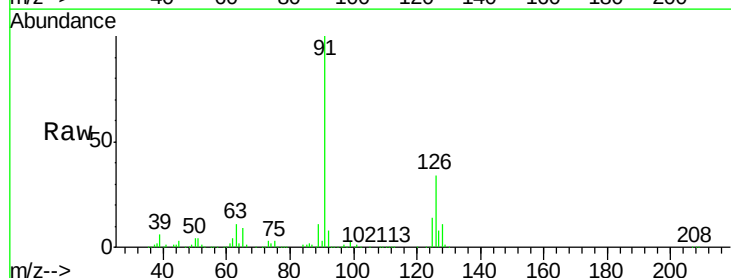
RT: 12.99 min Scan# 1818

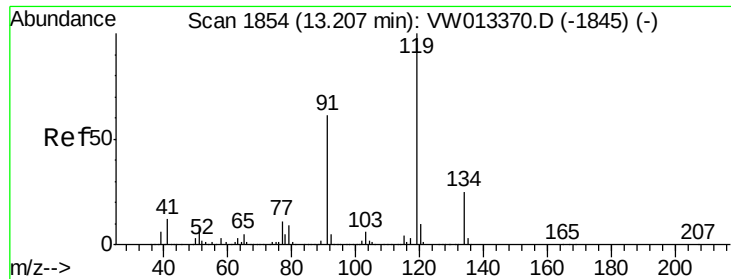
Delta R.T. 0.00 min

Lab File: VW013397.D

Acq: 02 Oct 2019 23:49

Tgt Ion:	91	Resp:	559114
Ion	Ratio	Lower	Upper
91	100		
126	34.3	17.3	51.7





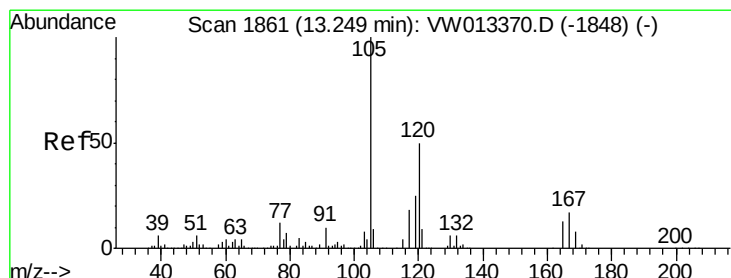
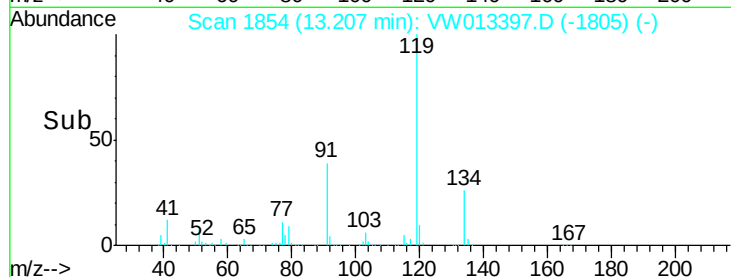
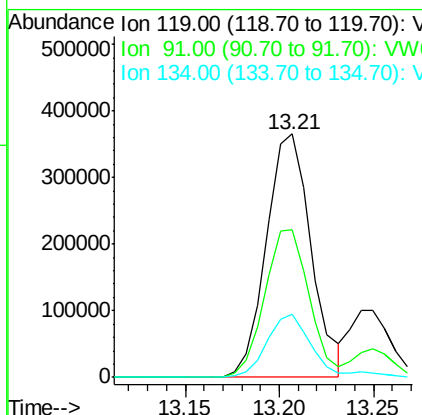
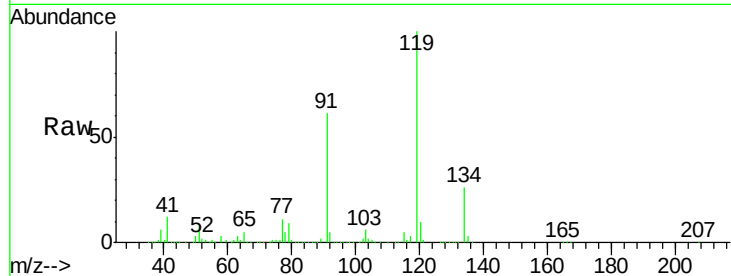
#83
 tert-Butylbenzene
 Concen: 50.575 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW013397.D
 Acq: 02 Oct 2019 23:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.1	30.7	92.1
134	24.9	12.6	37.6

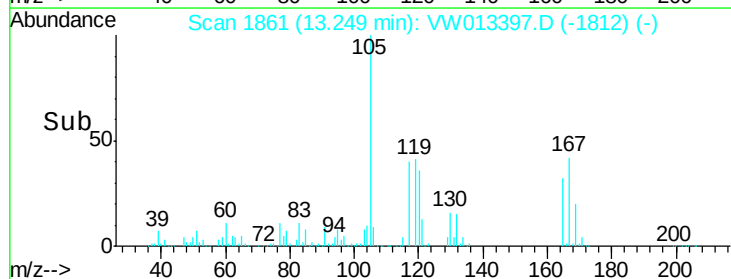
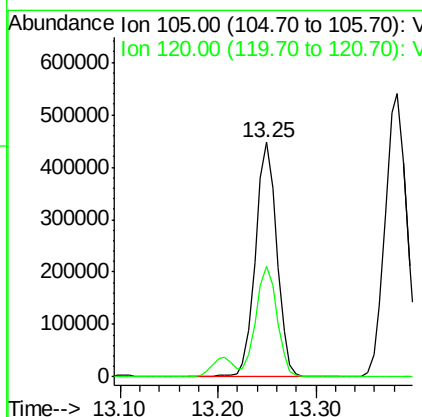
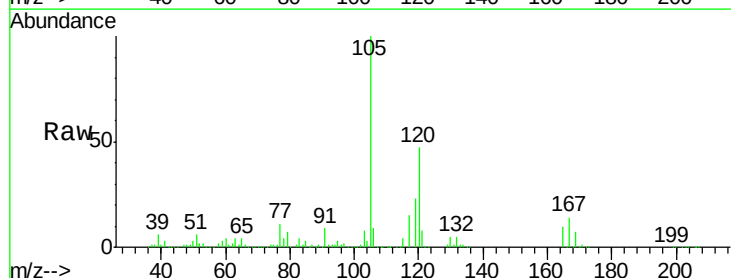
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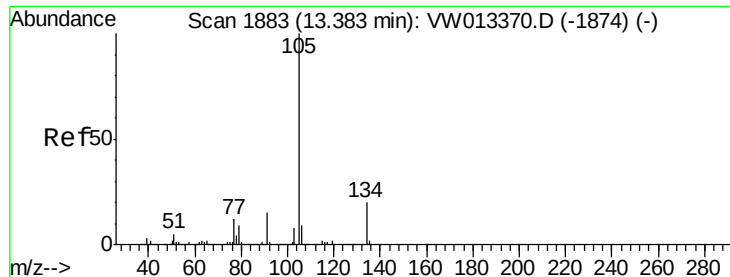
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.273 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW013397.D
 Acq: 02 Oct 2019 23:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.0	23.4	70.3





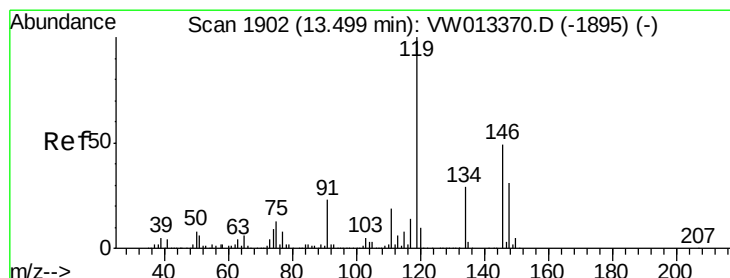
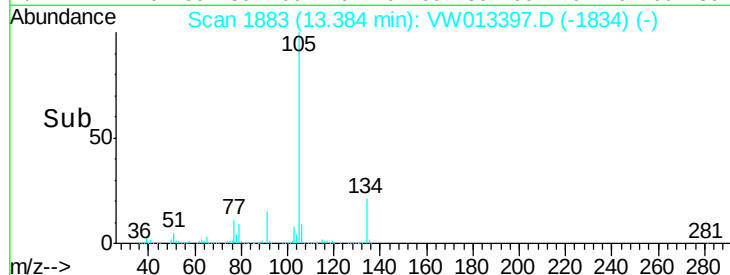
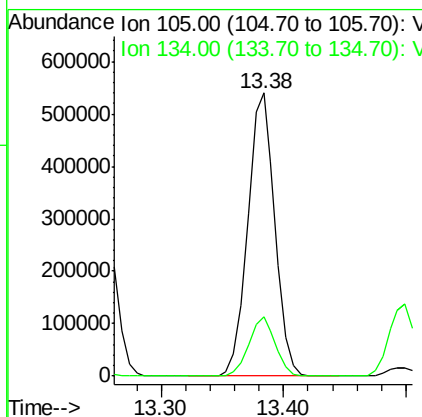
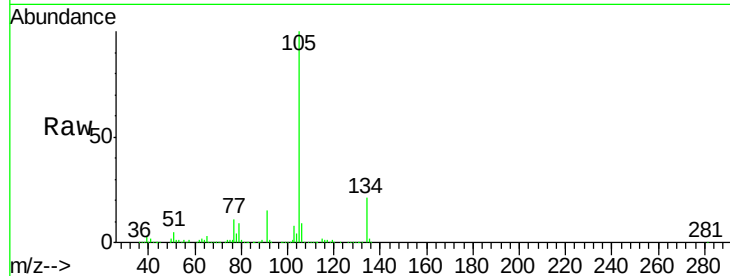
#85
 sec-Butylbenzene
 Concen: 50.263 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW013397.D
 Acq: 02 Oct 2019 23:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:105 Resp: 827032
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.3 30.8

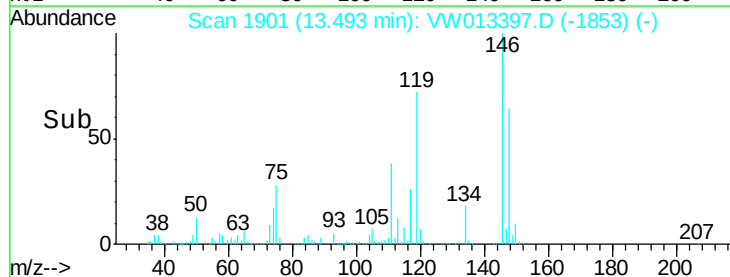
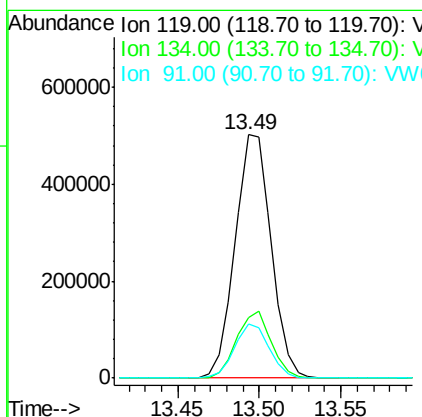
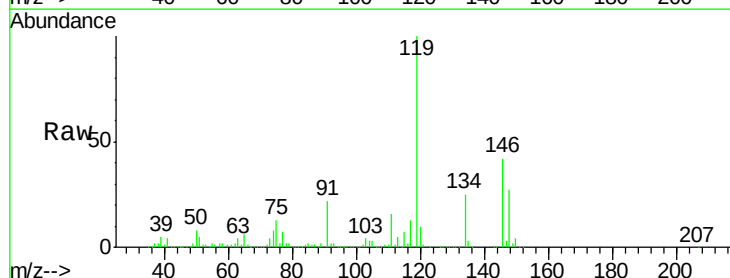
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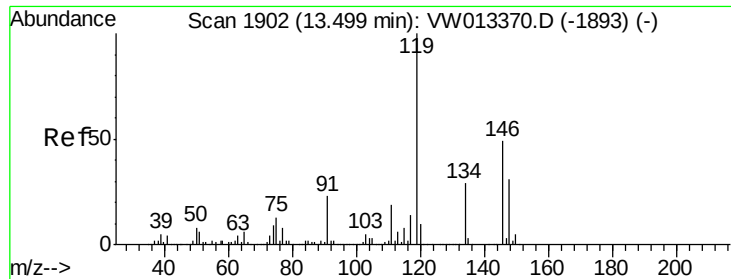
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#86
 p-Isopropyltoluene
 Concen: 50.592 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: VW013397.D
 Acq: 02 Oct 2019 23:49

Tgt Ion:119 Resp: 771465
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.8
 91 21.4 10.8 32.4





#87

1,3-Dichlorobenzene

Concen: 50.689 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW013397.D

Acq: 02 Oct 2019 23:49

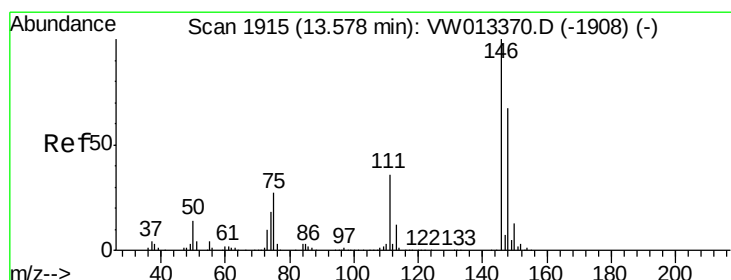
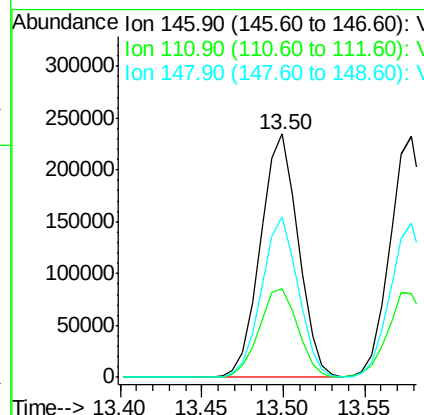
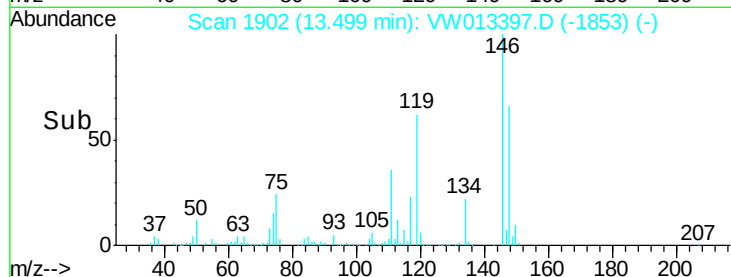
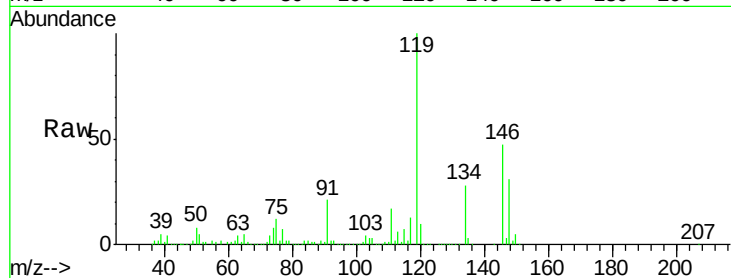
Instrument :
MSVOA_W

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.9	56.9
148	64.1	31.9	95.5

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#88

1,4-Dichlorobenzene

Concen: 49.773 ug/l

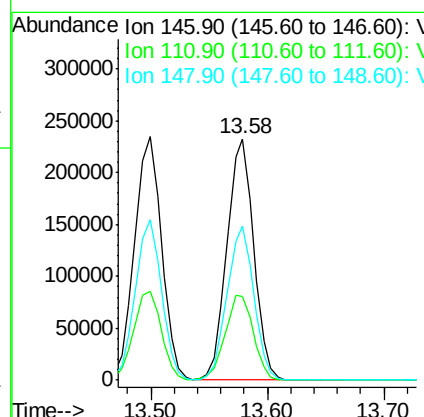
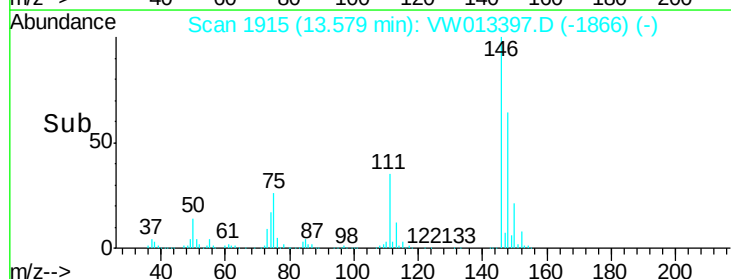
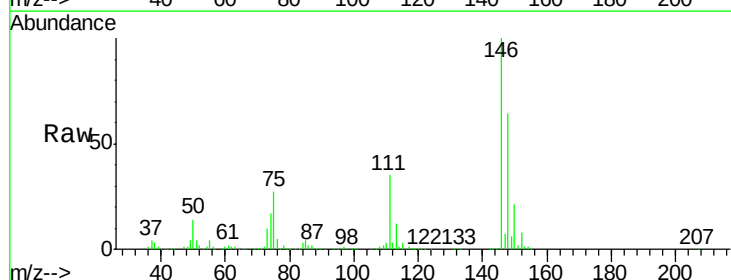
RT: 13.58 min Scan# 1915

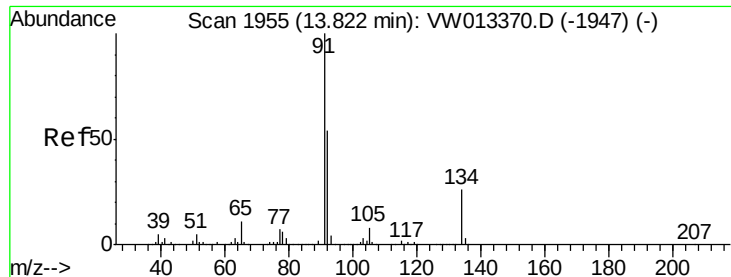
Delta R.T. 0.00 min

Lab File: VW013397.D

Acq: 02 Oct 2019 23:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.4	55.0
148	63.7	32.1	96.3





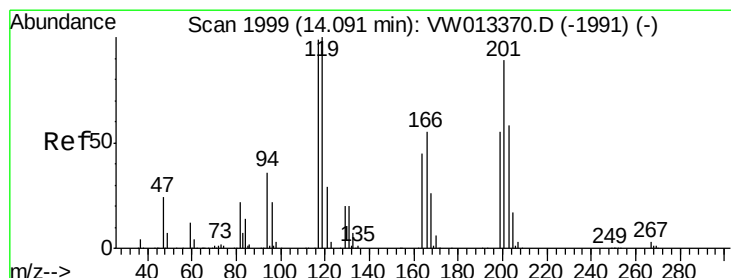
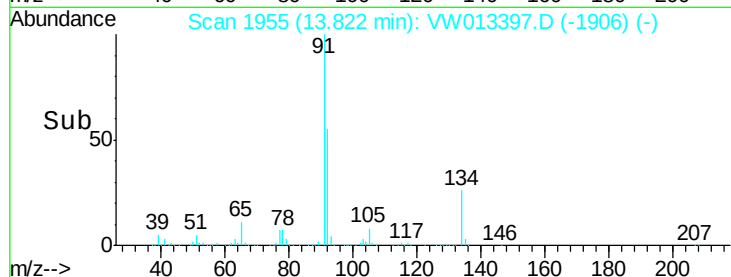
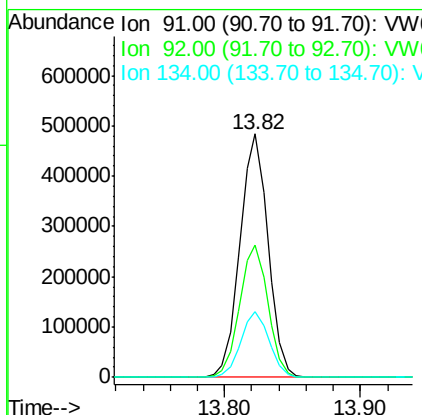
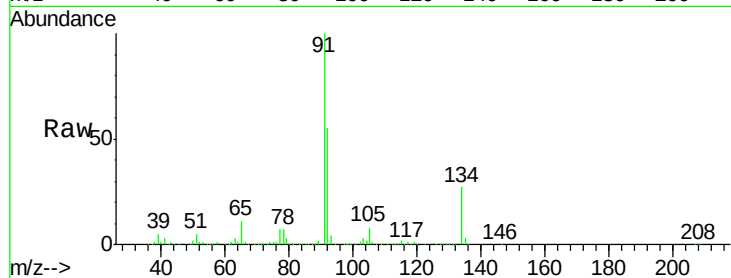
#89
n-Butylbenzene
Concen: 50.641 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW013397.D
Acq: 02 Oct 2019 23:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.6	82.8
134	27.3	13.7	41.1

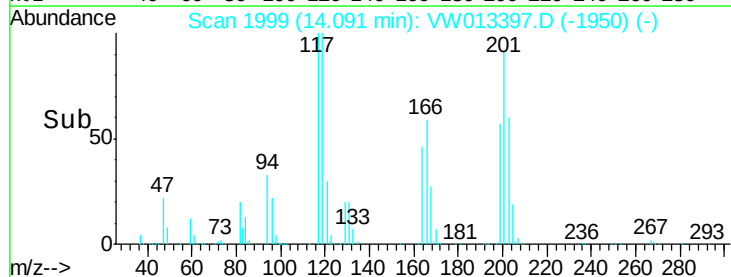
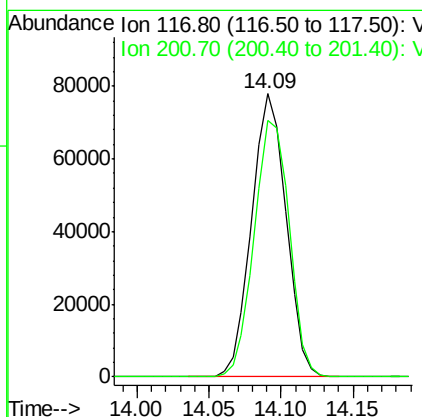
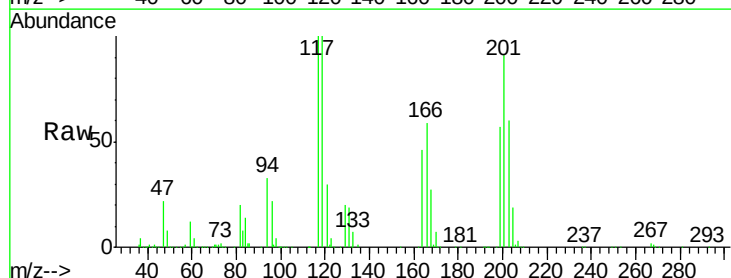
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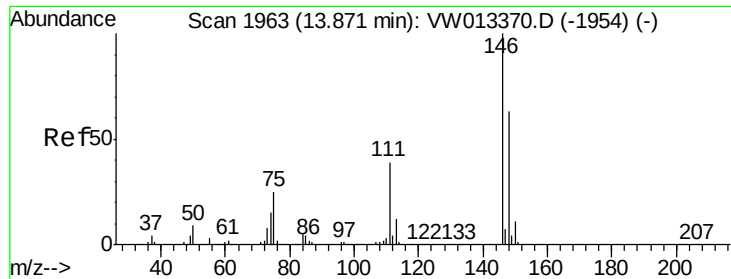
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#90
Hexachloroethane
Concen: 51.112 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW013397.D
Acq: 02 Oct 2019 23:49

Tgt Ion	Ratio	Lower	Upper
117	100		
201	92.5	44.5	133.5





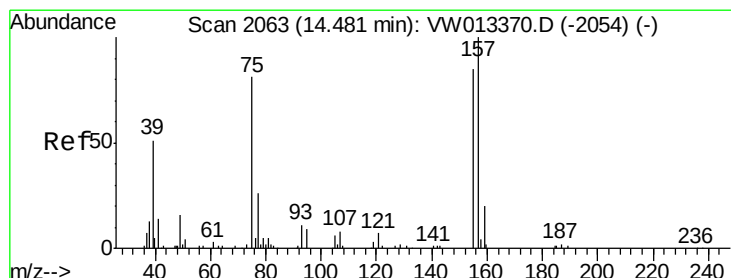
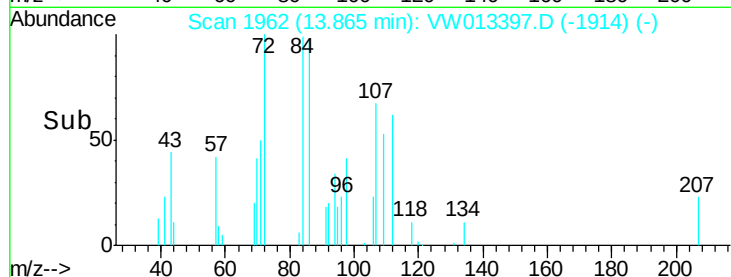
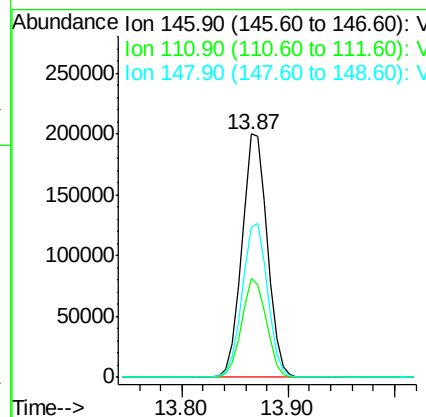
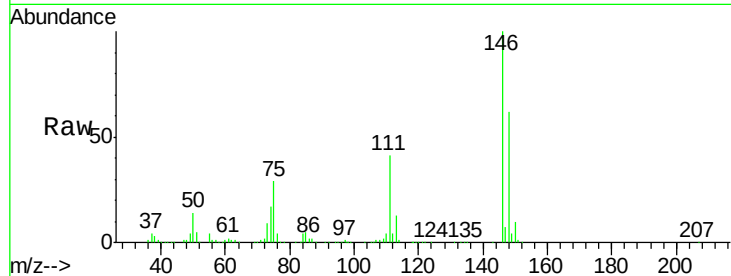
#91
 1,2-Dichlorobenzene
 Concen: 50.987 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW013397.D
 Acq: 02 Oct 2019 23:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.1	60.3
148	63.3	32.0	96.0

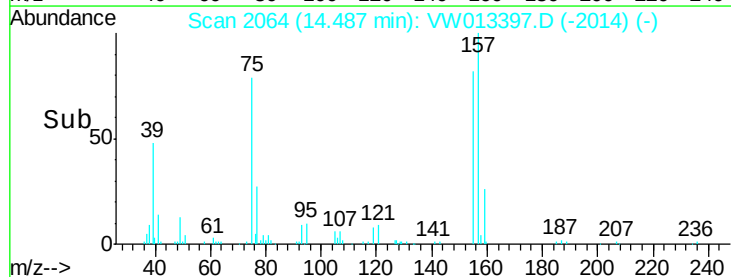
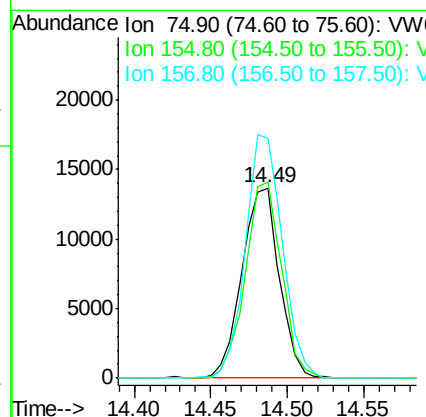
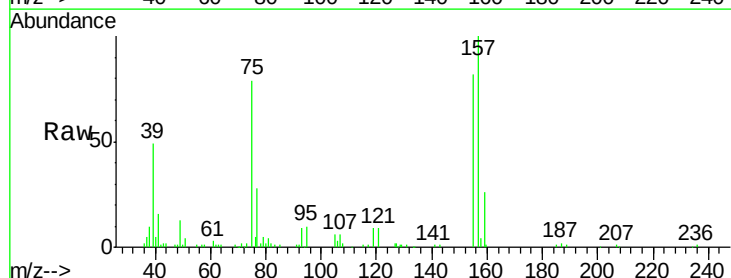
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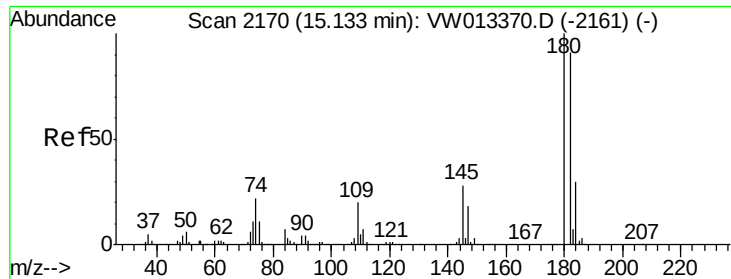
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.804 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.01 min
 Lab File: VW013397.D
 Acq: 02 Oct 2019 23:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.8	46.1	138.3
157	126.8	60.4	181.2





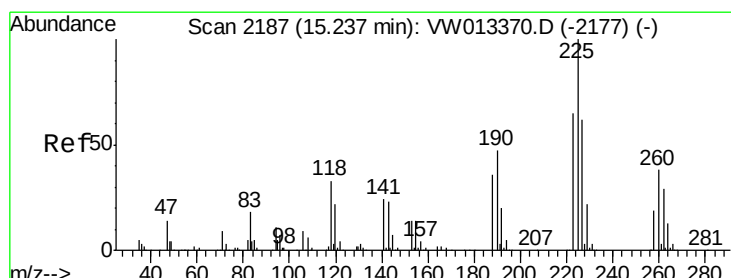
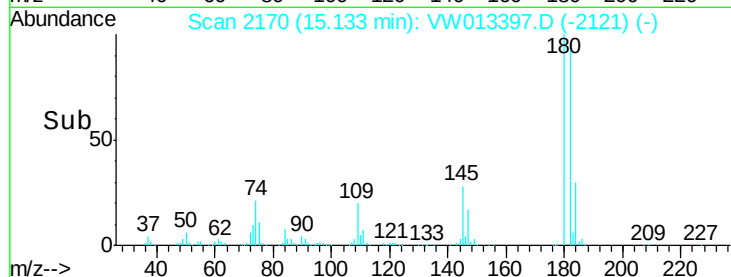
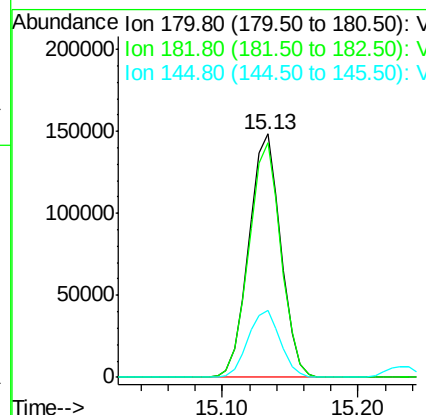
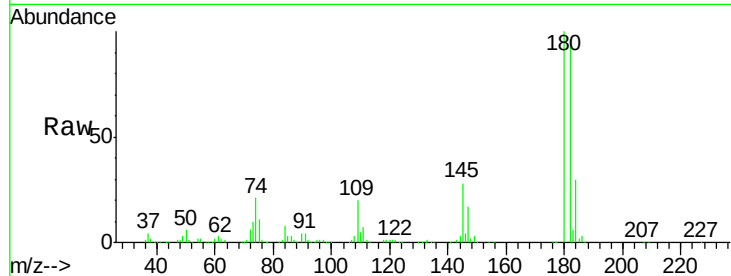
#93
 1,2,4-Trichlorobenzene
 Concen: 51.676 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW013397.D
 Acq: 02 Oct 2019 23:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	243593		
182	96.4	47.3	142.0	
145	27.9	14.2	42.8	

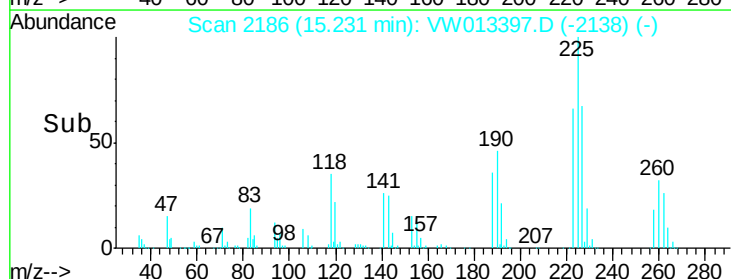
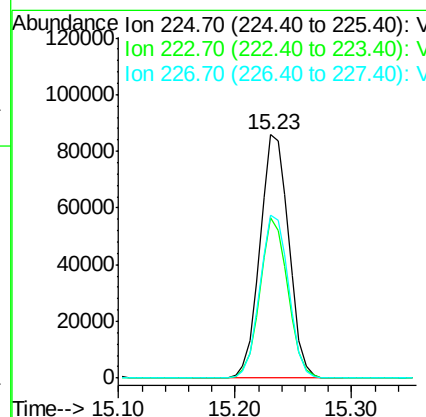
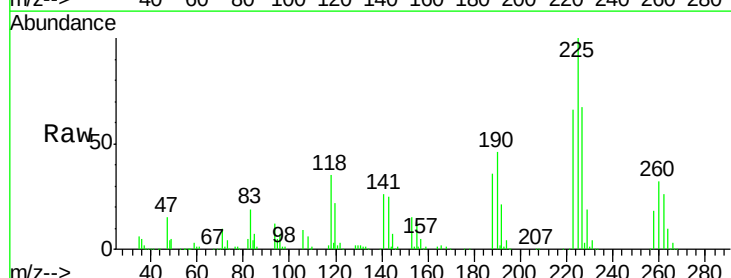
Manual Integrations
 APPROVED

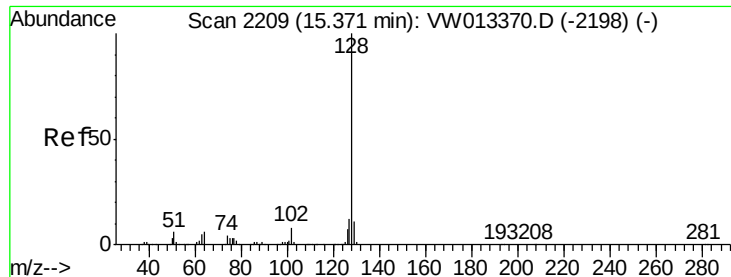
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 48.443 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW013397.D
 Acq: 02 Oct 2019 23:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	148338		
223	63.6	30.6	91.8	
227	66.6	31.9	95.9	





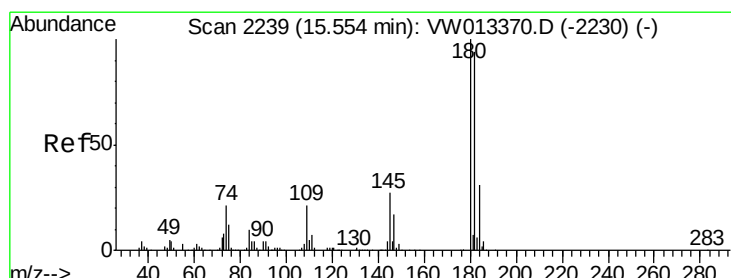
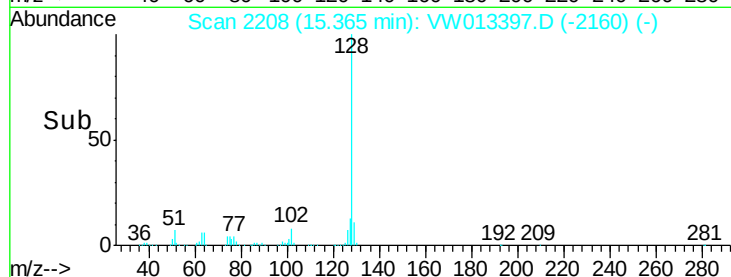
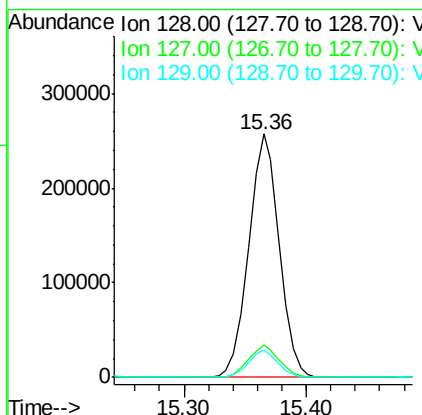
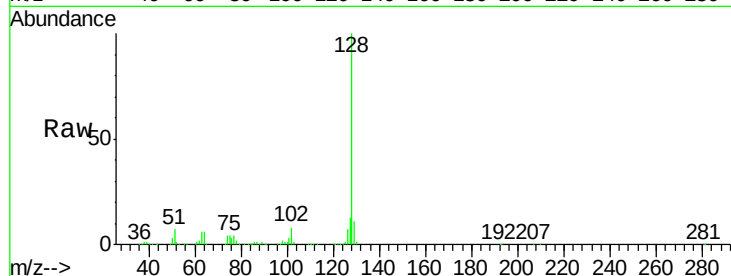
#95
Naphthalene
Concen: 55.902 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW013397.D
Acq: 02 Oct 2019 23:49

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/4/2019 12:11:17 PM



#96
1,2,3-Trichlorobenzene
Concen: 52.490 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW013397.D
Acq: 02 Oct 2019 23:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.9	143.7
145	29.4	15.0	45.0

