

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031919\
 Data File : VW009241.D
 Acq On : 19 Mar 2019 15:12
 Operator : SY/VA
 Sample : VW0319SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0319SBS01

Manual Integrations
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 3/22/2019 3:53:07 AM

Quant Time: Mar 20 07:43:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W031919S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 07:22:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	342249	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	506016	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	454947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	253971	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	163380	44.88	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.76%	
35) Dibromofluoromethane	7.88	113	151901	47.32	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.64%	
50) Toluene-d8	10.32	98	566047	48.53	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.06%	
62) 4-Bromofluorobenzene	12.62	95	210364	49.12	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	48265	22.354	ug/l	97
3) Chloromethane	2.21	50	49180	19.823	ug/l	100
4) Vinyl Chloride	2.37	62	71912	19.749	ug/l	96
5) Bromomethane	2.78	94	57011	19.199	ug/l	91
6) Chloroethane	2.92	64	54048	19.131	ug/l	95
7) Trichlorofluoromethane	3.24	101	45326	19.002	ug/l	91
8) Diethyl Ether	3.67	74	31794	18.482	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	66620	19.280	ug/l	94
10) Methyl Iodide	4.26	142	96427	19.358	ug/l	97
11) Tert butyl alcohol	5.16	59	18439	87.246	ug/l	100
12) 1,1-Dichloroethene	4.03	96	64192	19.653	ug/l	96
13) Acrolein	3.89	56	13637	79.051	ug/l	100
14) Allyl chloride	4.66	41	96131	19.964	ug/l	97
15) Acrylonitrile	5.35	53	63816	88.268	ug/l	98
16) Acetone	4.12	43	74461	99.695	ug/l	99
17) Carbon Disulfide	4.37	76	178547	19.608	ug/l	96
18) Methyl Acetate	4.67	43	29450	15.364	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	78159	19.497	ug/l	99
20) Methylene Chloride	4.91	84	68685	20.407	ug/l #	93
21) trans-1,2-Dichloroethene	5.41	96	66457	19.776	ug/l	96
22) Diisopropyl ether	6.31	45	199572	19.225	ug/l	98
23) Vinyl Acetate	6.25	43	610290	93.697	ug/l	99
24) 1,1-Dichloroethane	6.20	63	124742	19.471	ug/l	99
25) 2-Butanone	7.16	43	94184	88.005	ug/l	99
26) 2,2-Dichloropropane	7.16	77	73480	20.527	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	71074	19.522	ug/l	99
28) Bromochloromethane	7.51	49	50628	18.016	ug/l #	99
29) Tetrahydrofuran	7.52	42	59171	86.984	ug/l	98
30) Chloroform	7.66	83	126449	18.969	ug/l	96
31) Cyclohexane	7.95	56	119863	20.068	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	103840	19.516	ug/l	98
36) 1,1-Dichloropropene	8.08	75	99892	19.838	ug/l	97
37) Ethyl Acetate	7.25	43	40886	17.794	ug/l	98
38) Carbon Tetrachloride	8.06	117	104303	19.573	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	117694	20.202	ug/l	93
40) Benzene	8.32	78	271079	19.852	ug/l	99
41) Methacrylonitrile	7.48	41	22213	17.937	ug/l	98
42) 1,2-Dichloroethane	8.39	62	83925	18.802	ug/l	98
43) Isopropyl Acetate	8.42	43	80354	17.465	ug/l	97
44) Trichloroethene	9.09	130	73979	19.777	ug/l	98
45) 1,2-Dichloropropane	9.37	63	66105	19.044	ug/l	93
46) Dibromomethane	9.45	93	35134	18.406	ug/l	98
47) Bromodichloromethane	9.64	83	93127	19.307	ug/l	91
48) Methyl methacrylate	9.43	41	37228	17.477	ug/l	98
49) 1,4-Dioxane	9.45	88	10581	357.385	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	207890	86.699	ug/l	99
52) Toluene	10.38	92	170061	19.656	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	87618	18.627	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	103927	19.639	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	47291	18.297	ug/l	97
56) Ethyl methacrylate	10.64	69	54856	17.824	ug/l	96
57) 1,3-Dichloropropane	10.93	76	85567	19.194	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	143020	158.818	ug/l	98
59) 2-Hexanone	10.97	43	143897	88.395	ug/l	99
60) Dibromochloromethane	11.13	129	59464	18.621	ug/l	98
61) 1,2-Dibromoethane	11.23	107	45587	18.518	ug/l	100
64) Tetrachloroethene	10.86	164	61769	19.825	ug/l	97
65) Chlorobenzene	11.66	112	189066	20.095	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	66899	19.036	ug/l	99
67) Ethyl Benzene	11.73	91	329505	20.219	ug/l	99
68) m/p-Xylenes	11.84	106	251631	39.836	ug/l	98
69) o-Xylene	12.16	106	117257	19.990	ug/l	99
70) Styrene	12.18	104	194842	20.147	ug/l	98
71) Bromoform	12.35	173	35255	18.366	ug/l #	98
73) Isopropylbenzene	12.46	105	336555	19.826	ug/l	100
74) N-amyl acetate	12.27	43	76982	17.385	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	55524	17.486	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	40213m	16.849	ug/l	
77) Bromobenzene	12.75	156	76262	18.966	ug/l	98
78) n-propylbenzene	12.80	91	414107	19.863	ug/l	100
79) 2-Chlorotoluene	12.89	91	230321	19.447	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	289018	20.021	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	17448	17.938	ug/l	99
82) 4-Chlorotoluene	12.99	91	241070	19.321	ug/l	99
83) tert-Butylbenzene	13.21	119	244110	19.788	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	293791	19.851	ug/l	100
85) sec-Butylbenzene	13.38	105	370167	20.306	ug/l	100
86) p-Isopropyltoluene	13.50	119	327115	20.151	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	160679	19.311	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	160498	19.373	ug/l	99
89) n-Butylbenzene	13.83	91	314614	20.190	ug/l	99
90) Hexachloroethane	14.10	117	62216	19.439	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	141403	18.952	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	10201	17.941	ug/l	98

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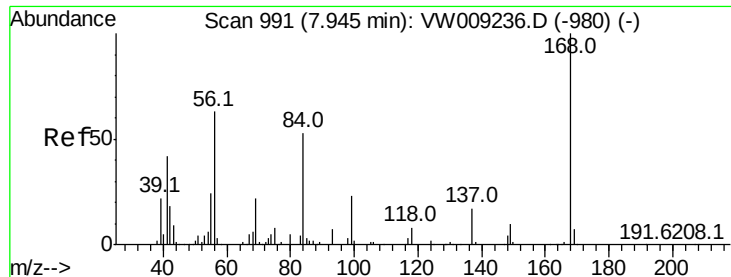
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	97445	19.447	ug/l	98
94) Hexachlorobutadiene	15.24	225	63522	19.932	ug/l	99
95) Naphthalene	15.37	128	154440	17.789	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	85204	19.049	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW009241.D

Acq: 19 Mar 2019 15:12

Instrument :

MSVOA_W

ClientSampleId :

VW0319SBS01

Tot Ion:168 Resp: 342249

Ion Ratio Lower Upper

168 100

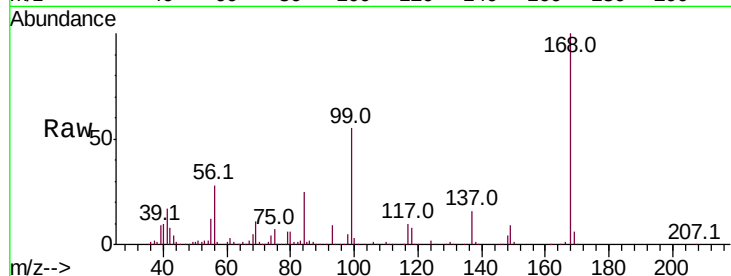
99 54.7 45.4 68.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

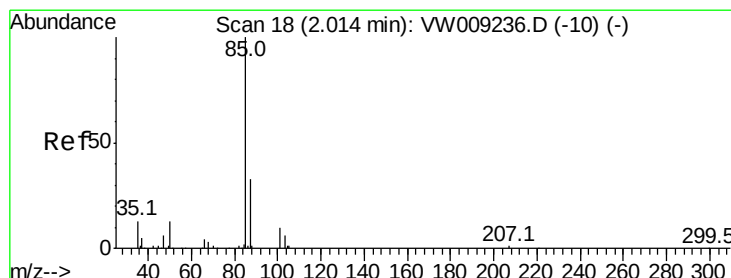
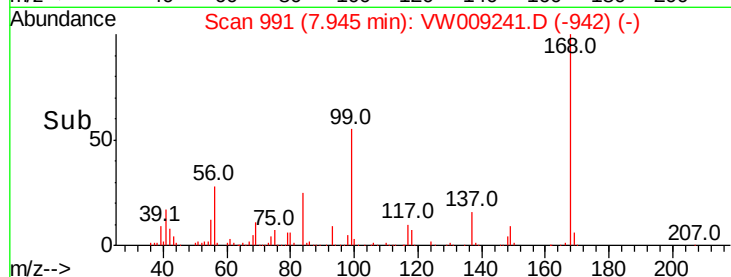
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 22.354 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW009241.D

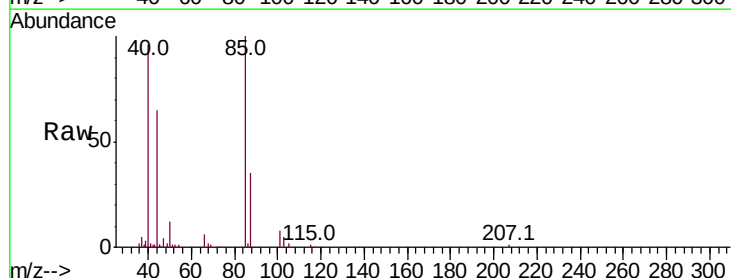
Acq: 19 Mar 2019 15:12

Tgt Ion: 85 Resp: 48265

Ion Ratio Lower Upper

85 100

87 34.9 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

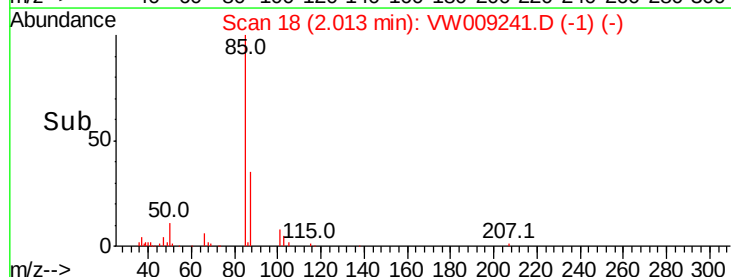
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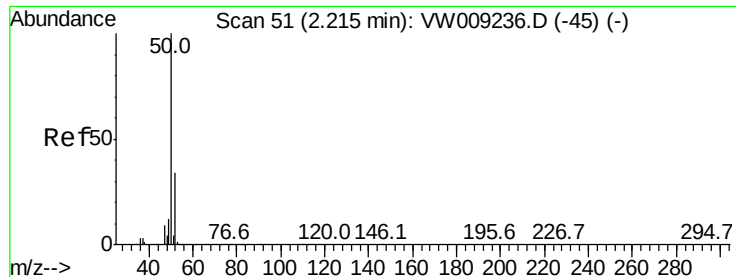
10000

5000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 19.823 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW009241.D

Acq: 19 Mar 2019 15:12

Instrument :

MSVOA_W

ClientSampleId :

VW0319SBS01

Tot Ion: 50 Resp: 49180

Ion Ratio Lower Upper

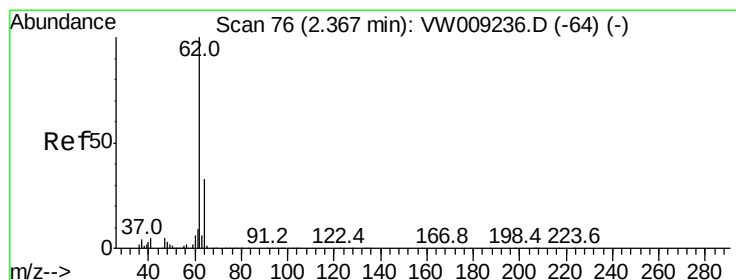
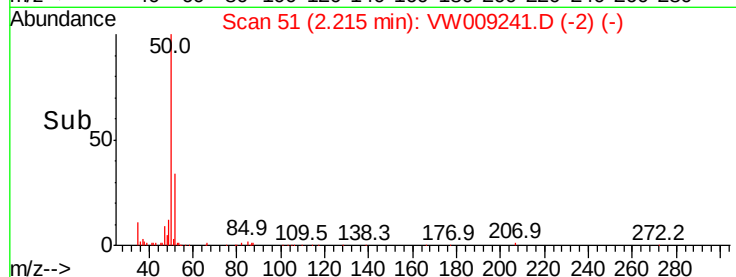
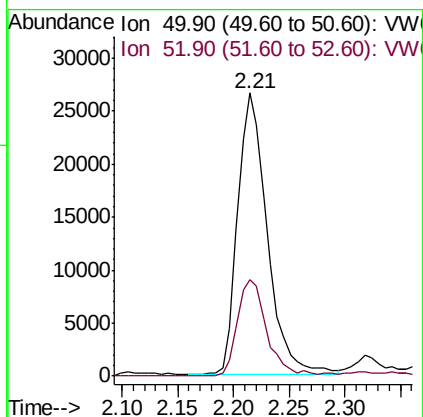
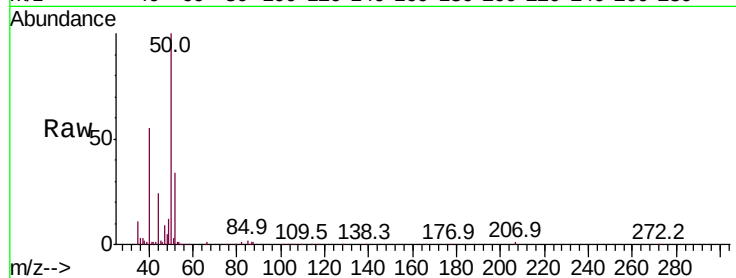
50 100

52 34.1 27.2 40.8

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#4

Vinyl Chloride

Concen: 19.749 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW009241.D

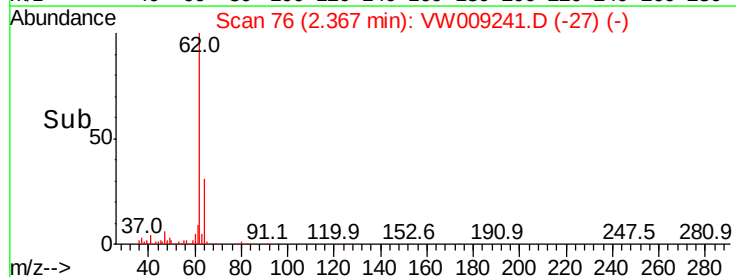
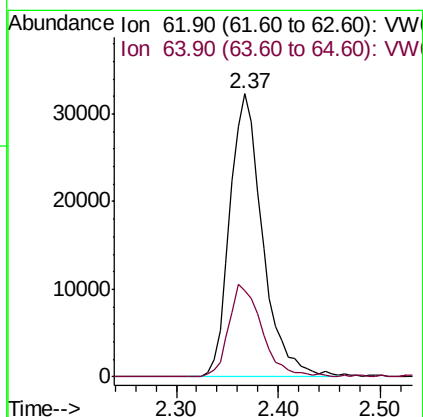
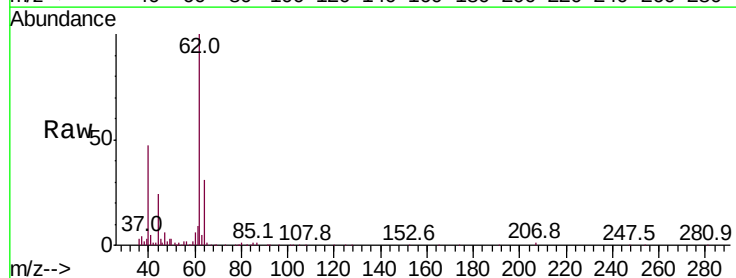
Acq: 19 Mar 2019 15:12

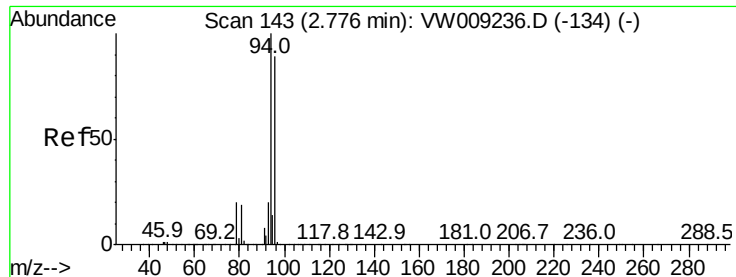
Tgt Ion: 62 Resp: 71912

Ion Ratio Lower Upper

62 100

64 30.3 26.2 39.2





#5

Bromomethane

Concen: 19.199 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW009241.D

Acq: 19 Mar 2019 15:12

Instrument :

MSVOA_W

ClientSampled :

VW0319SBS01

Tot Ion: 94 Resp: 57011

Ion Ratio Lower Upper

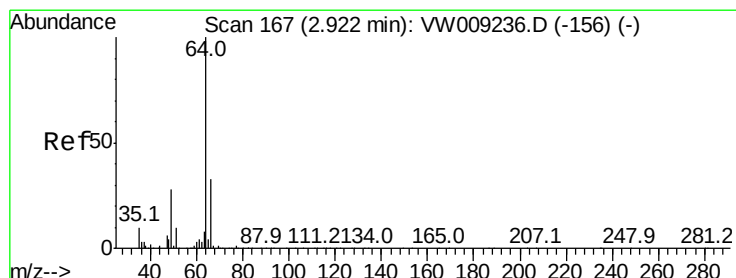
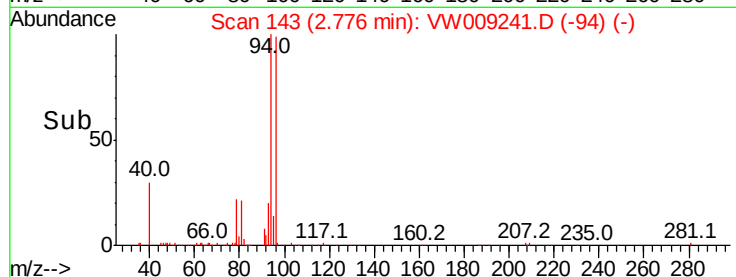
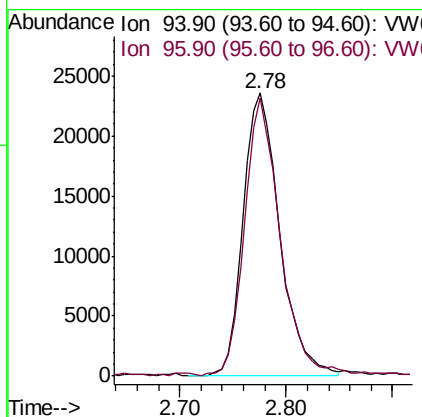
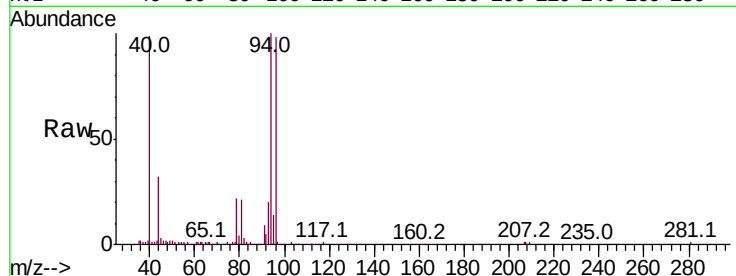
94 100

96 97.6 71.4 107.2

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#6

Chloroethane

Concen: 19.131 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW009241.D

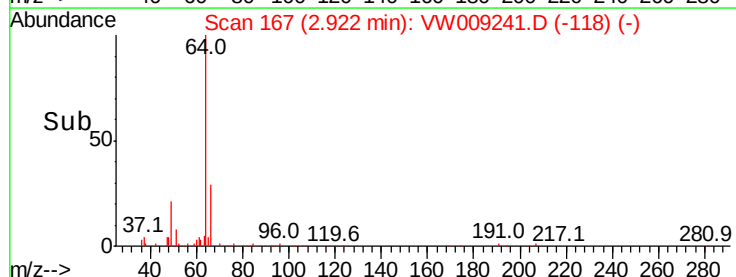
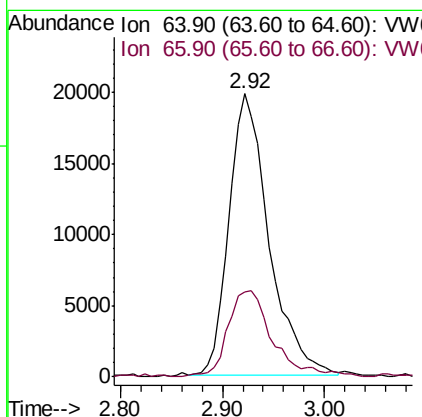
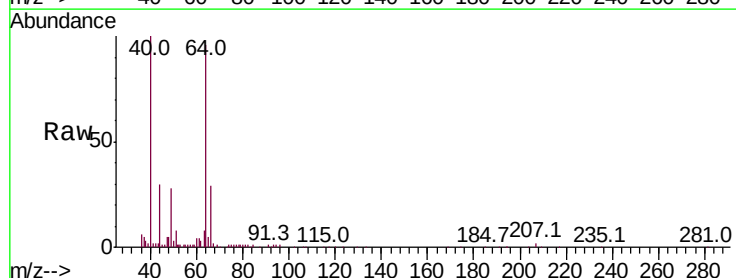
Acq: 19 Mar 2019 15:12

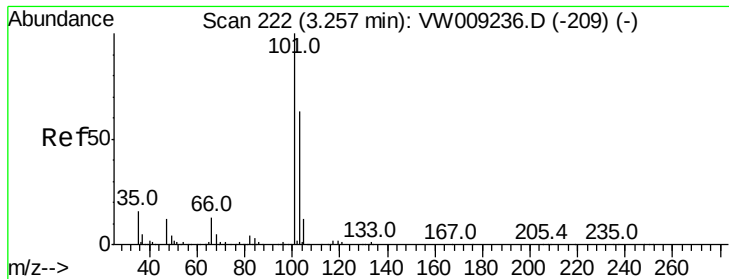
Tgt Ion: 64 Resp: 54048

Ion Ratio Lower Upper

64 100

66 29.8 26.2 39.2





#7

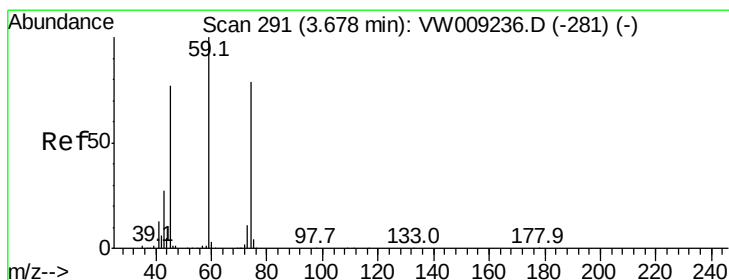
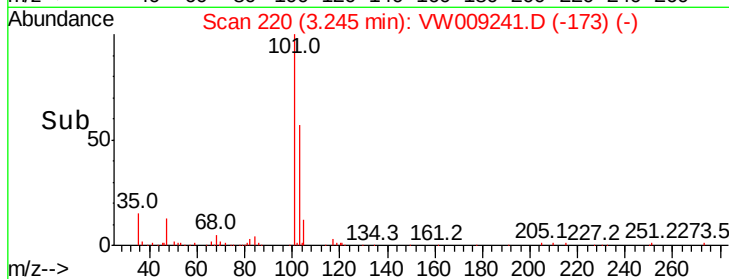
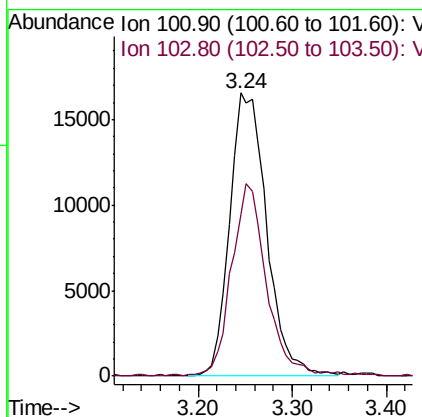
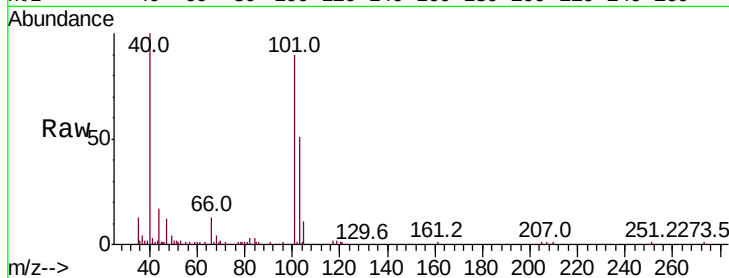
Trichlorofluoromethane
 Concen: 19.002 ug/l
 RT: 3.24 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW009241.D
 Acq: 19 Mar 2019 15:12

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 VW0319SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	56.5	50.5	75.7

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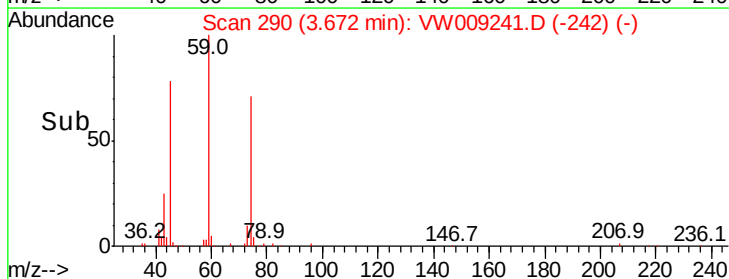
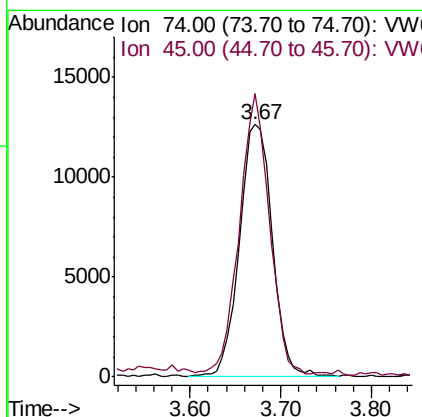
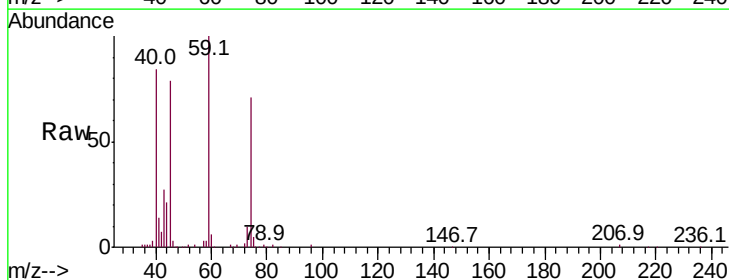
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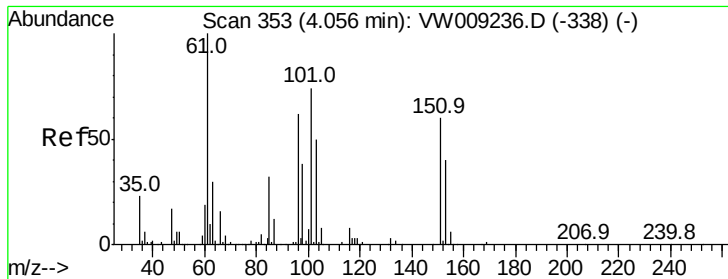


#8

Diethyl Ether
 Concen: 18.482 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW009241.D
 Acq: 19 Mar 2019 15:12

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.1	50.6	151.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.280 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW009241.D

Acq: 19 Mar 2019 15:12

Instrument :

MSVOA_W

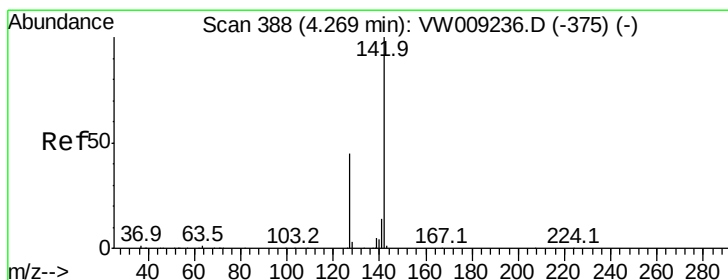
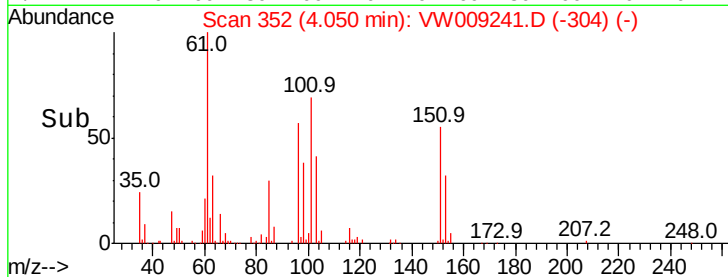
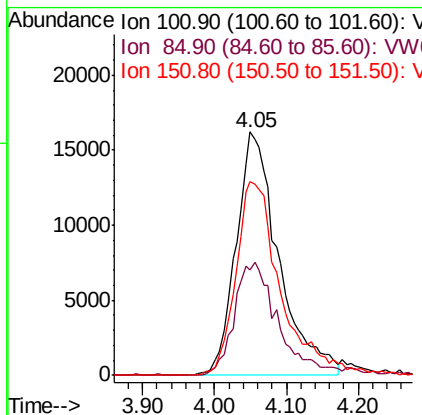
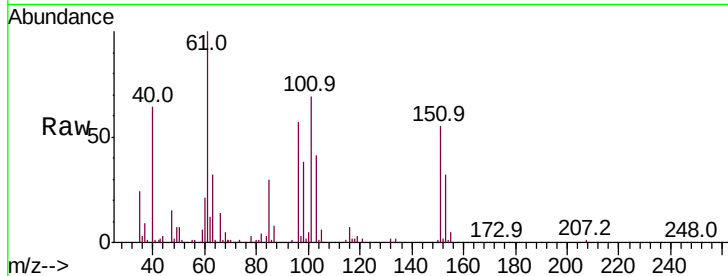
ClientSampleId :

VW0319SBS01

Tot Ion:	101	Resp:	66620
Ion Ratio	Lower	Upper	
101	100		
85	47.5	35.1	52.7
151	84.2	62.9	94.3

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#10

Methyl Iodide

Concen: 19.358 ug/l

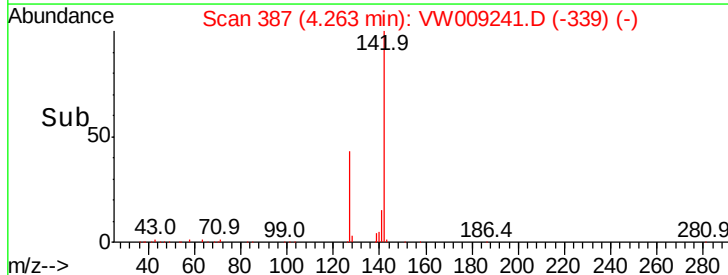
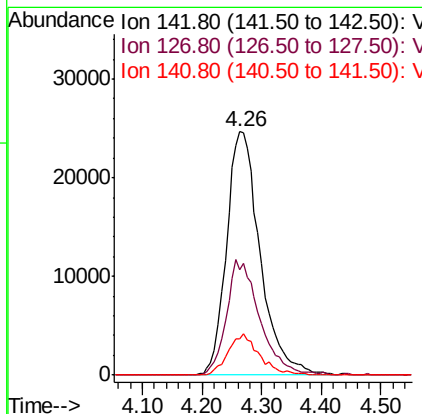
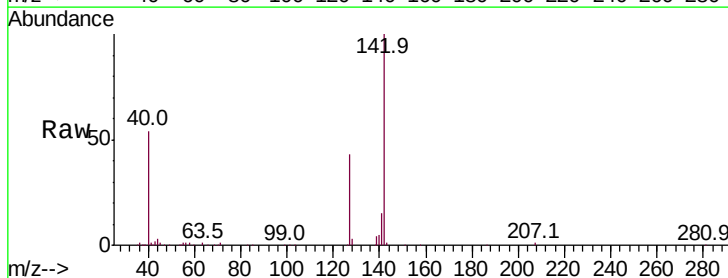
RT: 4.26 min Scan# 387

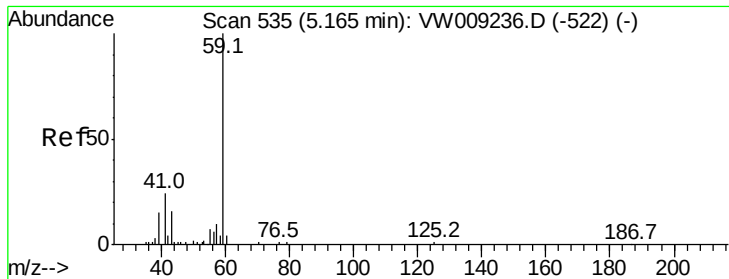
Delta R.T. -0.01 min

Lab File: VW009241.D

Acq: 19 Mar 2019 15:12

Tgt Ion:	142	Resp:	96427
Ion Ratio	Lower	Upper	
142	100		
127	46.6	35.9	53.9
141	15.9	11.4	17.2





#11

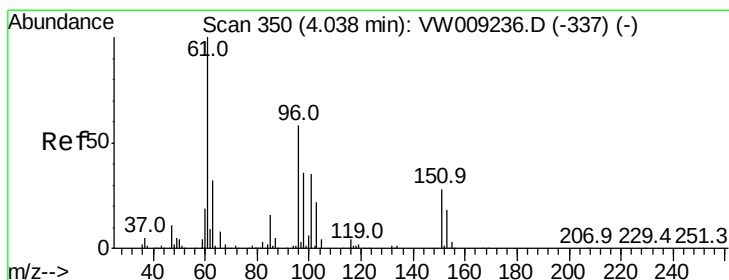
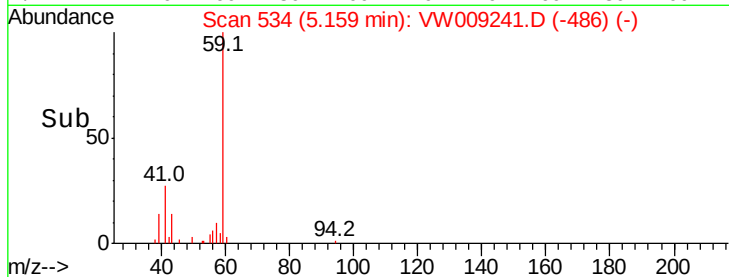
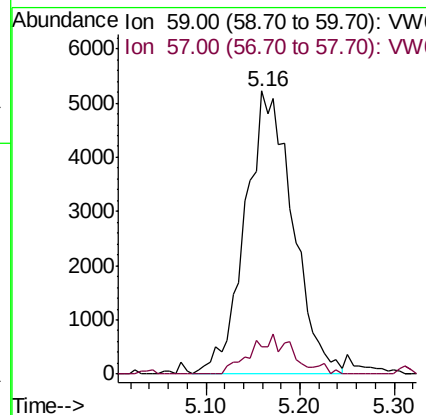
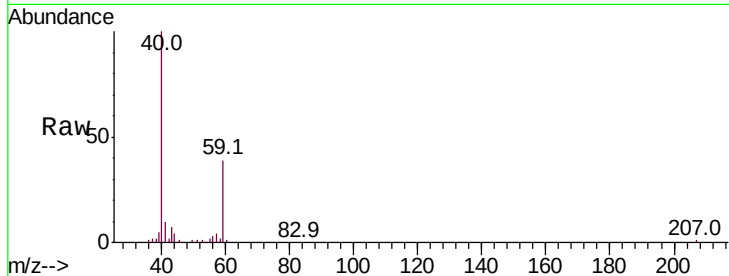
Tert butyl alcohol
Concen: 87.246 ug/l
RT: 5.16 min Scan# 534
Delta R.T. -0.01 min
Lab File: VW009241.D
Acq: 19 Mar 2019 15:12

Instrument :
MSVOA_W
ClientSampleId :
VW0319SBS01

Tot Ion	59	Resp	18439
Ion Ratio	100	Lower	Upper
57	11.7	9.4	14.0

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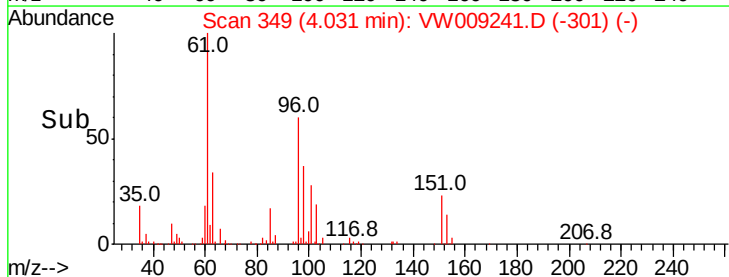
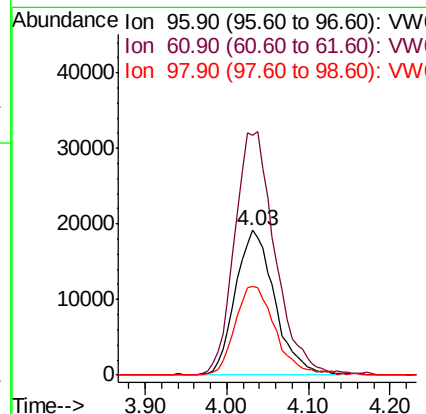
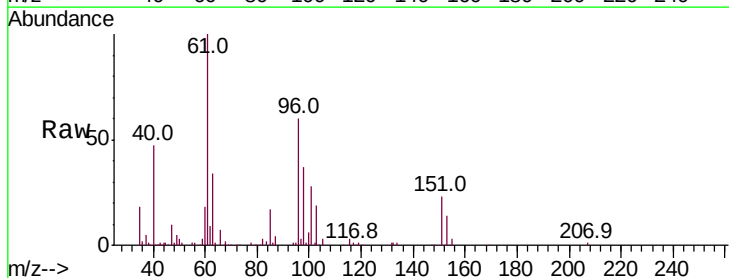
MMDadoda
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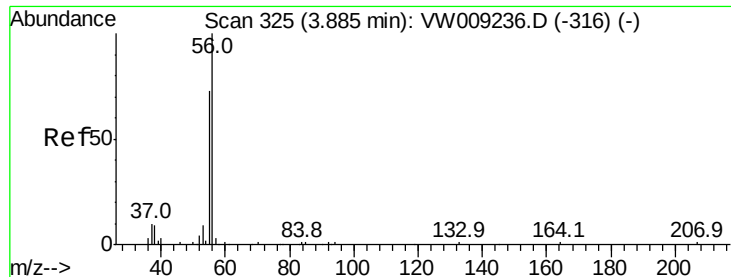


#12

1,1-Dichloroethene
Concen: 19.653 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW009241.D
Acq: 19 Mar 2019 15:12

Tgt Ion	96	Resp	64192
Ion Ratio	100	Lower	Upper
61	165.2	138.0	207.0
98	61.4	49.8	74.8





#13

Acrolein

Concen: 79.051 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.00 min

Lab File: VW009241.D

Acq: 19 Mar 2019 15:12

Instrument :

MSVOA_W

ClientSampleId :

VW0319SBS01

Tot Ion: 56 Resp: 13637

Ion Ratio Lower Upper

56 100

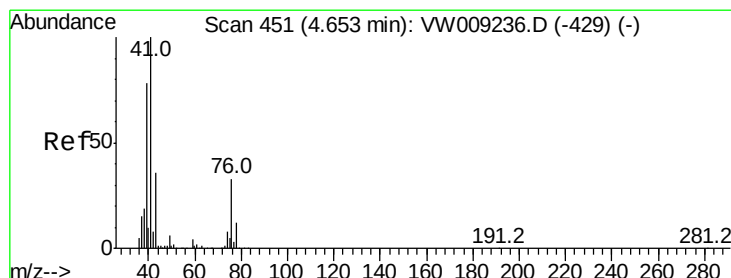
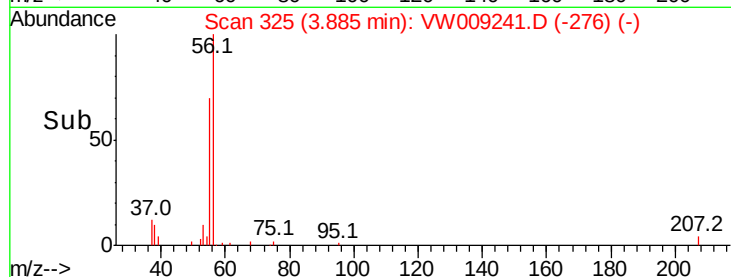
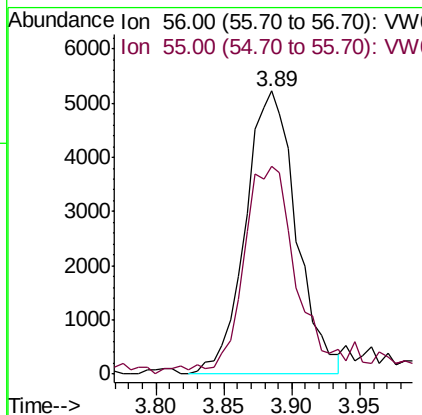
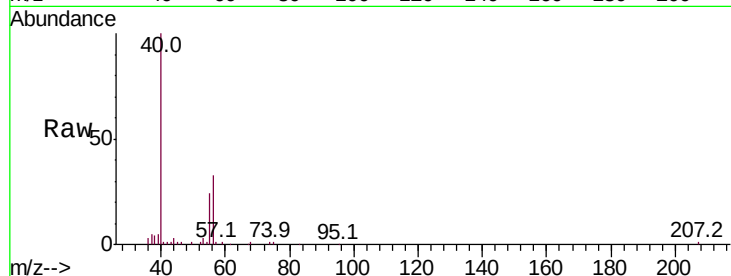
55 69.2 55.2 82.8

Manual Integrations

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#14

Allyl chloride

Concen: 19.964 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.01 min

Lab File: VW009241.D

Acq: 19 Mar 2019 15:12

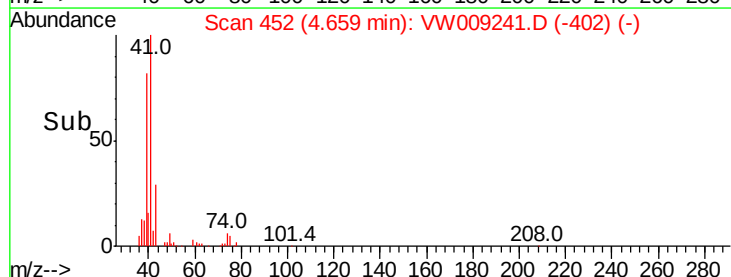
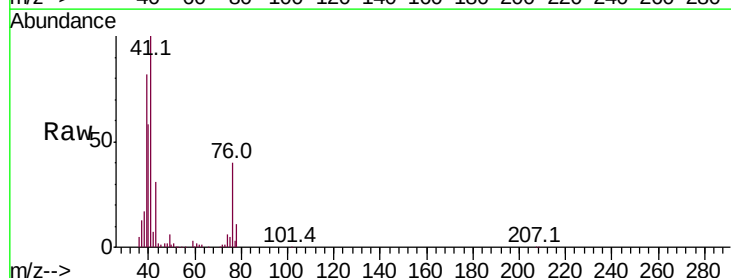
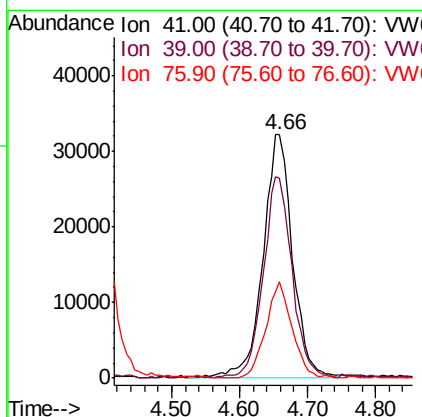
Tgt Ion: 41 Resp: 96131

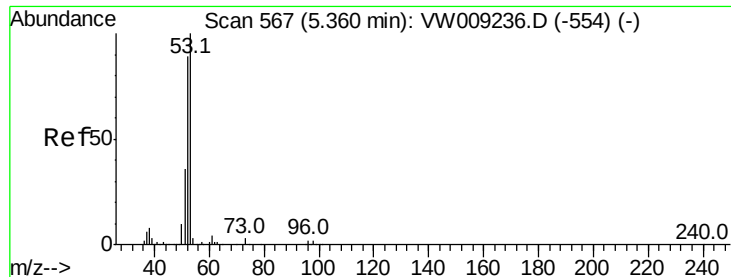
Ion Ratio Lower Upper

41 100

39 82.2 63.8 95.6

76 35.6 27.8 41.6





#15

Acrylonitrile

Concen: 88.268 ug/l

RT: 5.35 min Scan# 566

Delta R.T. -0.01 min

Lab File: VW009241.D

Acq: 19 Mar 2019 15:12

Instrument :

MSVOA_W

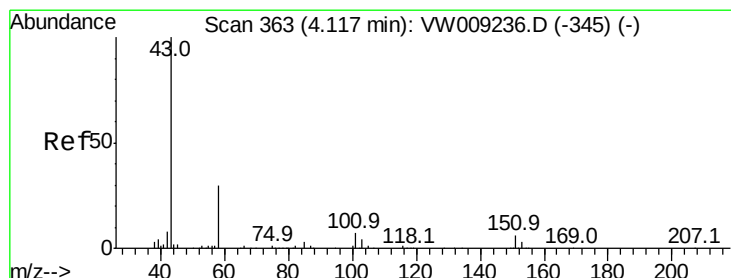
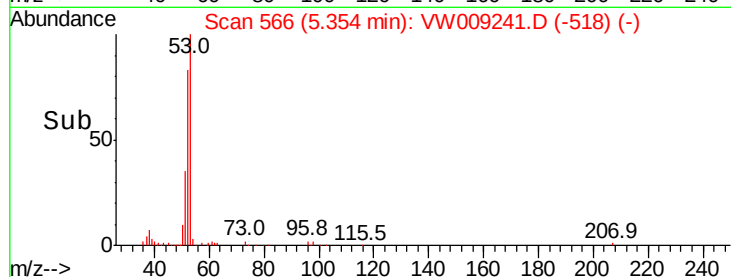
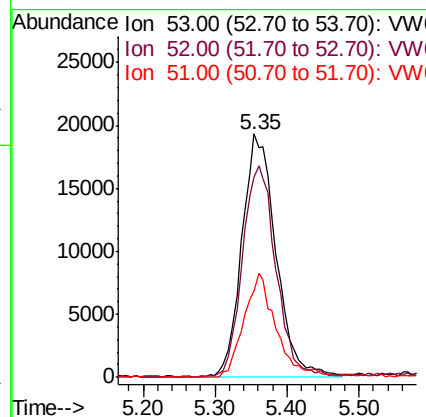
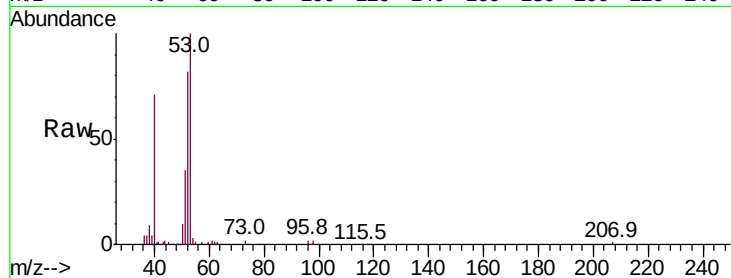
ClientSampleId :

VW0319SBS01

Tot Ion:	53	Resp:	63816
Ion	Ratio	Lower	Upper
53	100		
52	85.3	67.6	101.4
51	39.9	30.6	45.8

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#16

Acetone

Concen: 99.695 ug/l

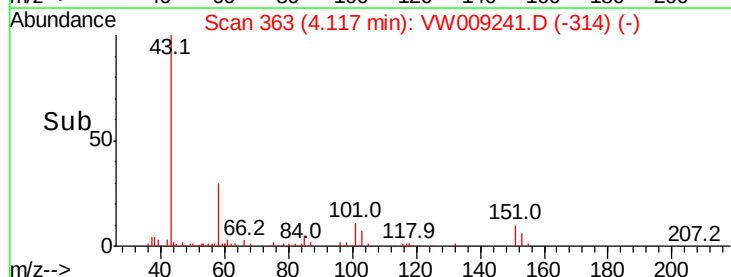
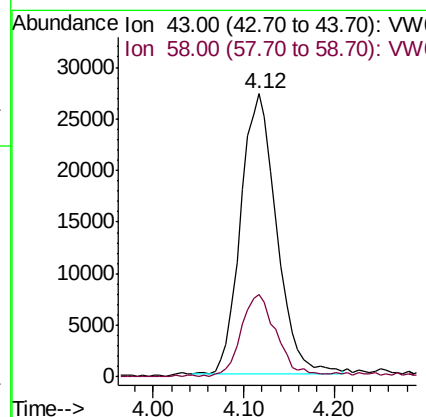
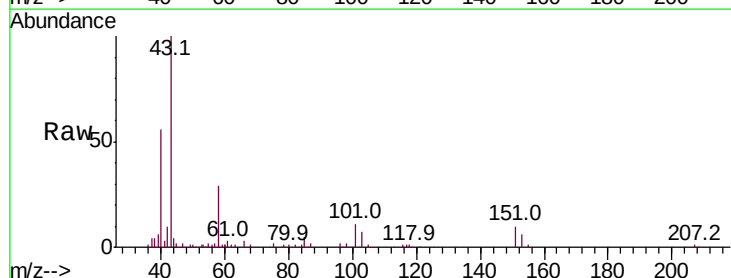
RT: 4.12 min Scan# 363

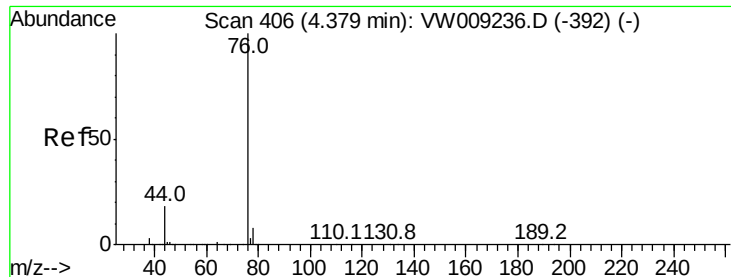
Delta R.T. -0.00 min

Lab File: VW009241.D

Acq: 19 Mar 2019 15:12

Tgt Ion:	43	Resp:	74461
Ion	Ratio	Lower	Upper
43	100		
58	29.0	23.6	35.4





#17

Carbon Disulfide

Concen: 19.608 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW009241.D

Acq: 19 Mar 2019 15:12

Instrument :

MSVOA_W

ClientSampleId :

VW0319SBS01

Tot Ion: 76 Resp: 178547

Ion Ratio Lower Upper

76 100

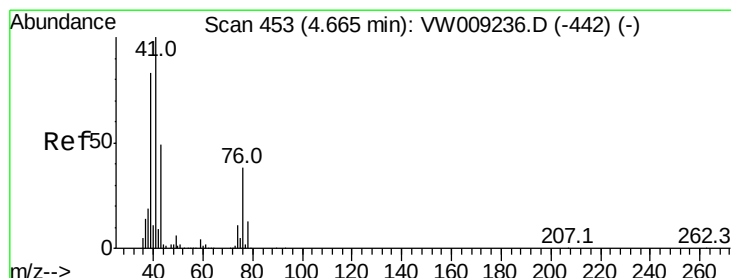
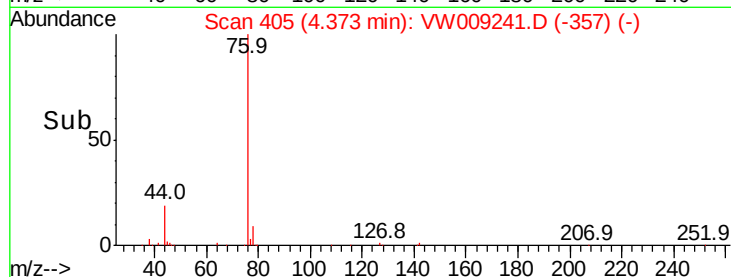
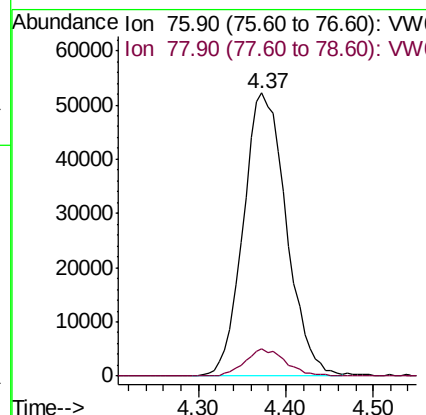
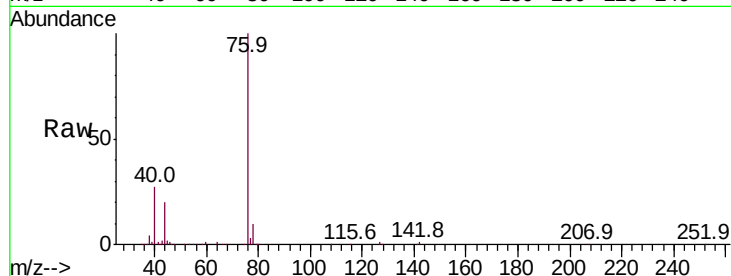
78 9.5 6.6 9.8

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#18

Methyl Acetate

Concen: 15.364 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW009241.D

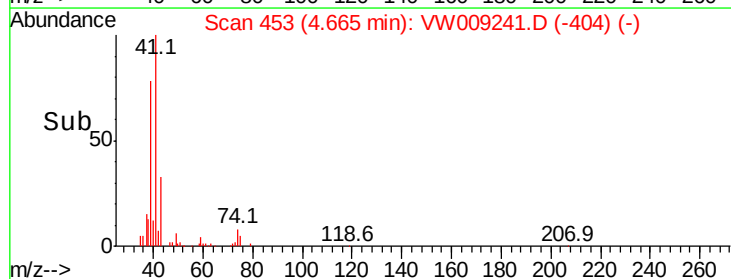
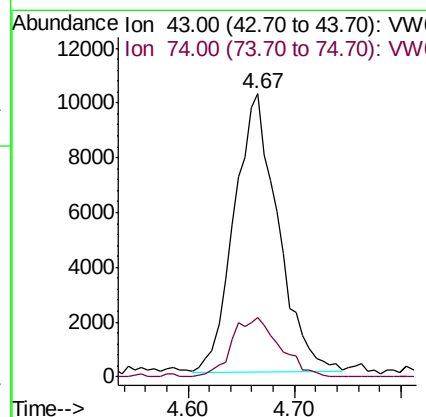
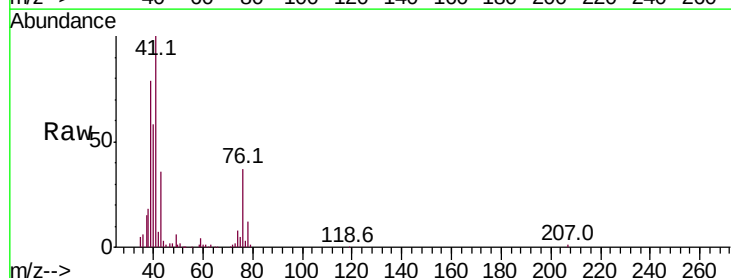
Acq: 19 Mar 2019 15:12

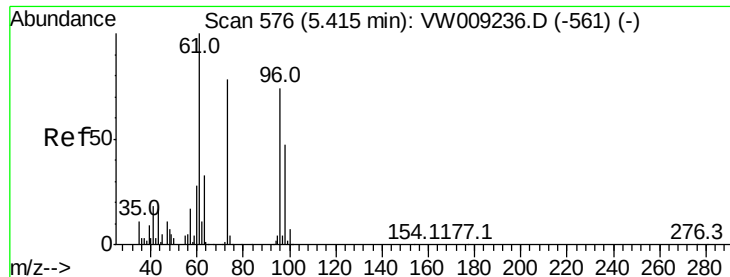
Tgt Ion: 43 Resp: 29450

Ion Ratio Lower Upper

43 100

74 23.1 17.7 26.5





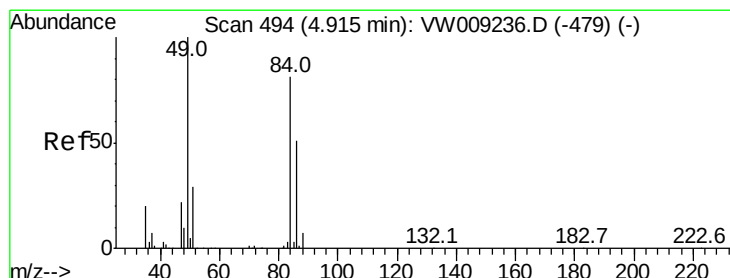
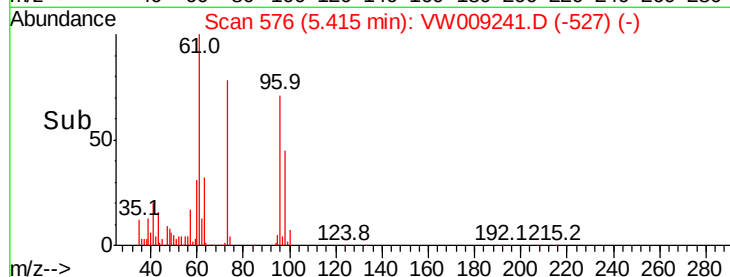
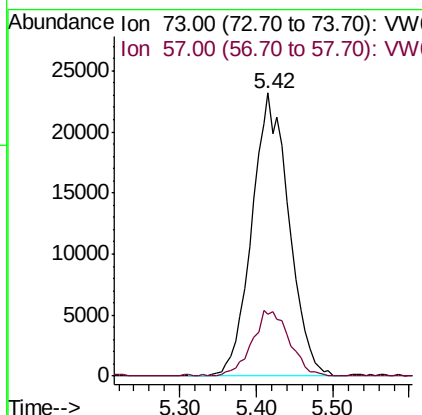
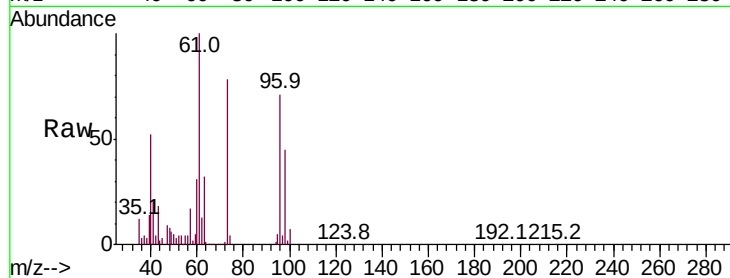
#19
Methyl tert-butyl Ether
Concen: 19.497 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.00 min
Lab File: VW009241.D
Acq: 19 Mar 2019 15:12

Instrument :
MSVOA_W
ClientSampleId :
VW0319SBS01

Tot Ion: 73 Resp: 78159
Ion Ratio Lower Upper
73 100
57 21.8 17.0 25.6

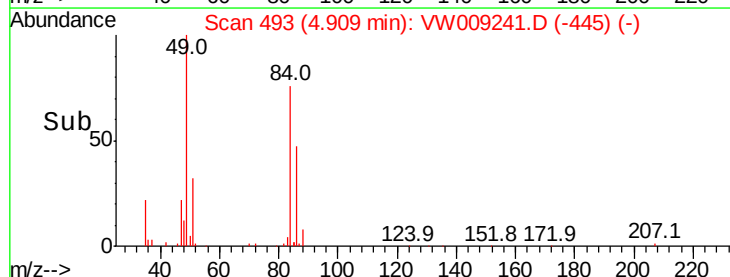
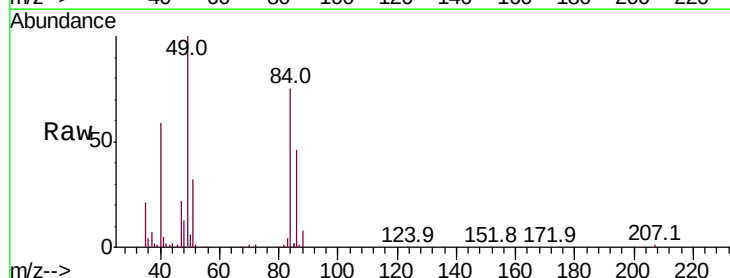
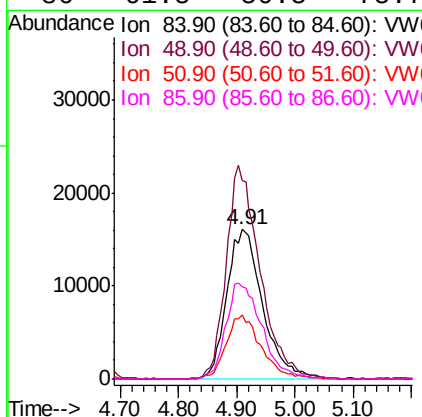
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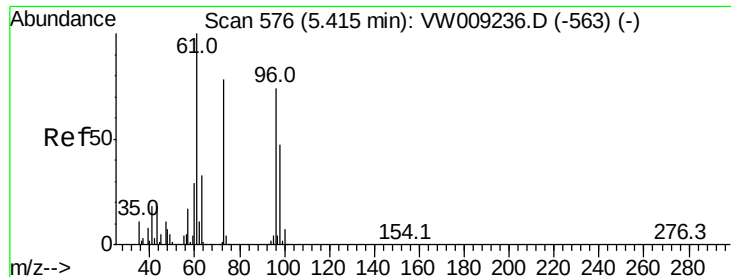
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#20
Methylene Chloride
Concen: 20.407 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009241.D
Acq: 19 Mar 2019 15:12

Tgt Ion: 84 Resp: 68685
Ion Ratio Lower Upper
84 100
49 132.8 99.1 148.7
51 43.2 28.7 43.1#
86 61.5 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 19.776 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW009241.D

Acq: 19 Mar 2019 15:12

Instrument :

MSVOA_W

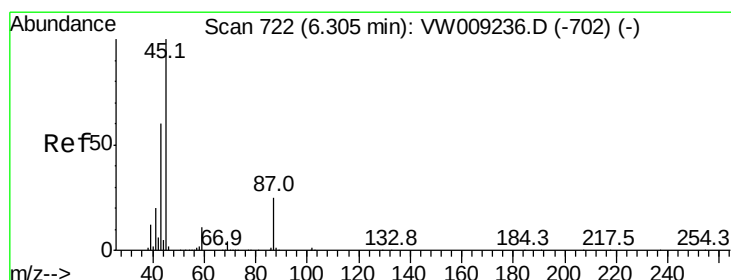
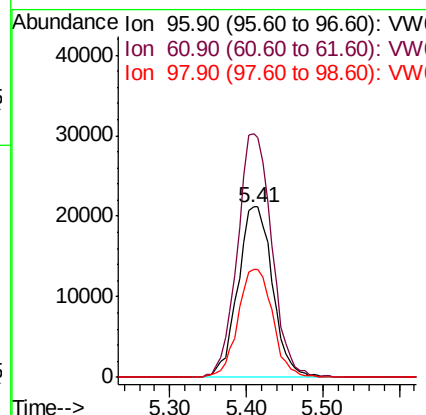
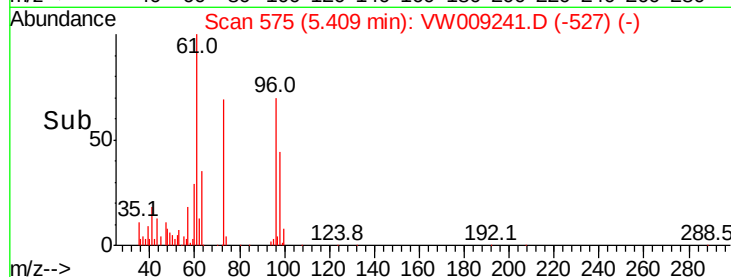
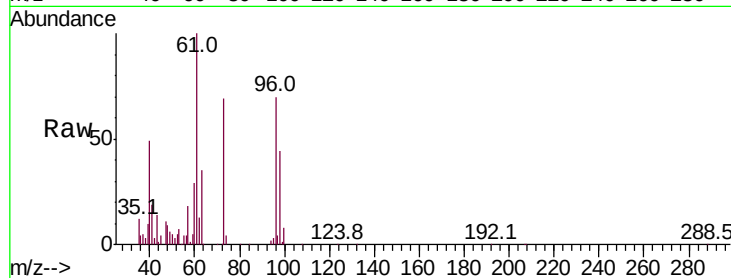
ClientSampleId :

VW0319SBS01

Tot Ion:	96	Resp:	66457
Ion Ratio	Lower	Upper	
96	100		
61	142.9	108.2	162.4
98	63.4	50.9	76.3

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#22

Diisopropyl ether

Concen: 19.225 ug/l

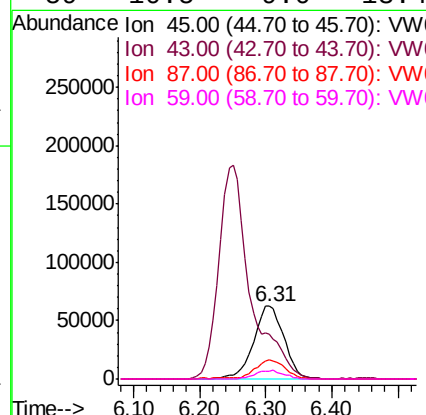
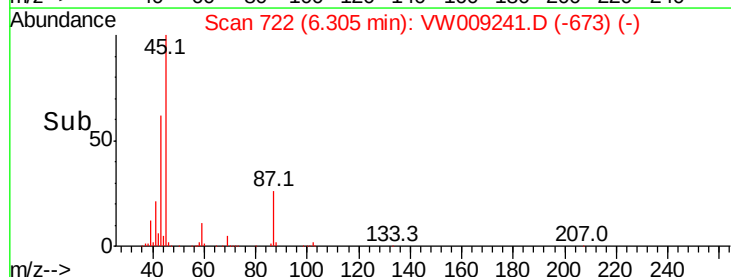
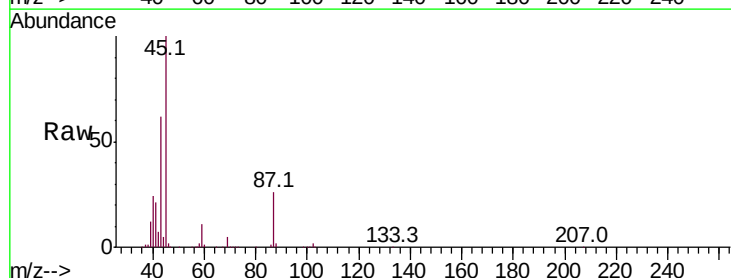
RT: 6.31 min Scan# 722

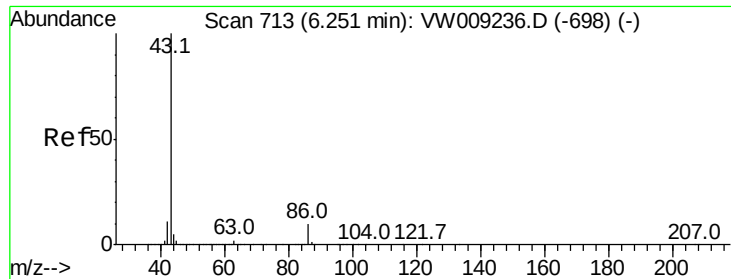
Delta R.T. -0.00 min

Lab File: VW009241.D

Acq: 19 Mar 2019 15:12

Tgt Ion:	45	Resp:	199572
Ion Ratio	Lower	Upper	
45	100		
43	61.3	47.9	71.9
87	26.3	20.6	30.8
59	10.5	9.0	13.4





#23

Vinyl Acetate

Concen: 93.697 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW009241.D

Acq: 19 Mar 2019 15:12

Instrument :

MSVOA_W

ClientSampleId :

VW0319SBS01

Tot Ion: 43 Resp: 610290

Ion Ratio Lower Upper

43 100

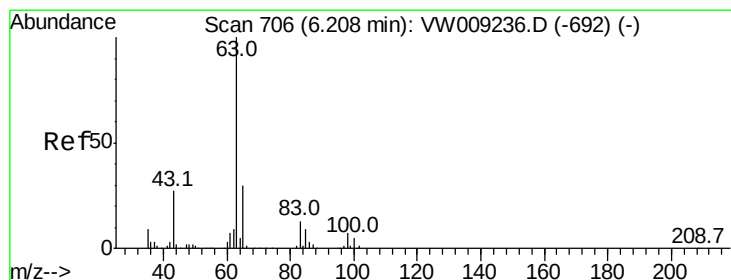
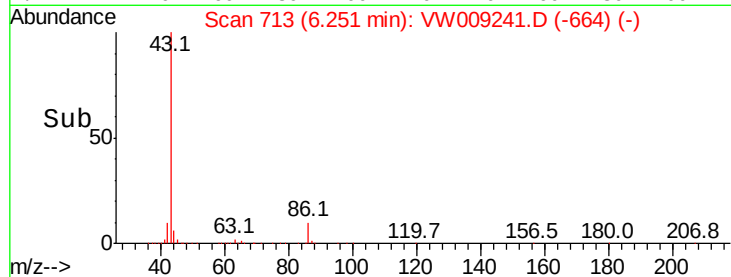
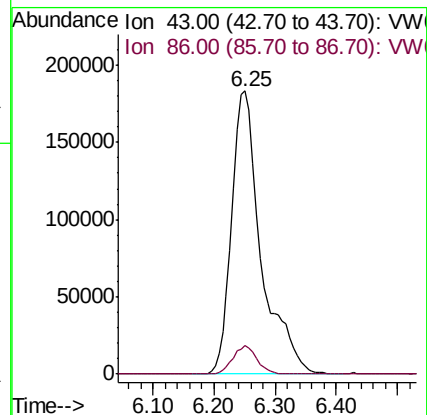
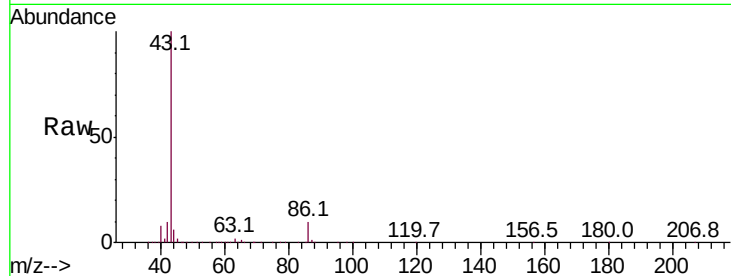
86 10.1 7.7 11.5

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#24

1,1-Dichloroethane

Concen: 19.471 ug/l

RT: 6.20 min Scan# 705

Delta R.T. -0.01 min

Lab File: VW009241.D

Acq: 19 Mar 2019 15:12

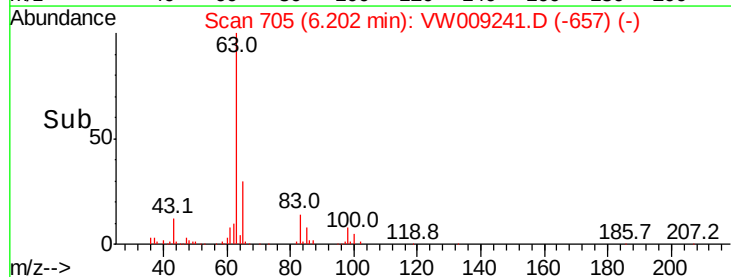
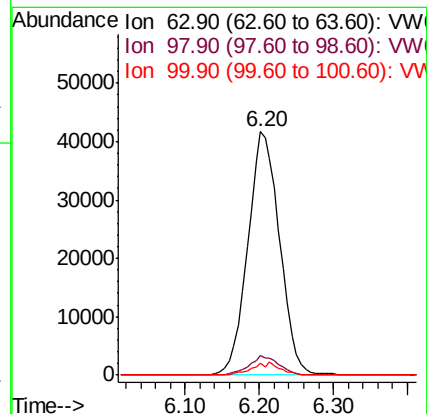
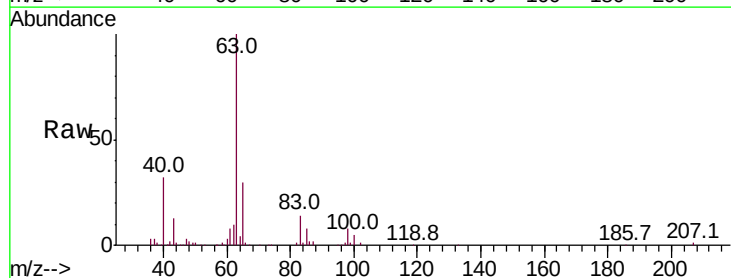
Tgt Ion: 63 Resp: 124742

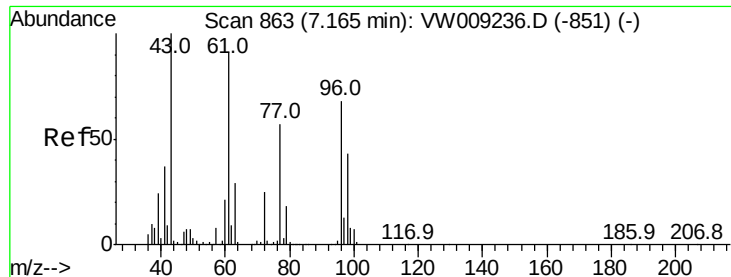
Ion Ratio Lower Upper

63 100

98 7.9 3.7 11.1

100 4.8 2.4 7.1





#25

2-Butanone

Concen: 88.005 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW009241.D

Acq: 19 Mar 2019 15:12

Instrument :

MSVOA_W

ClientSampleId :

VW0319SBS01

Tot Ion: 43 Resp: 94184

Ion Ratio Lower Upper

43 100

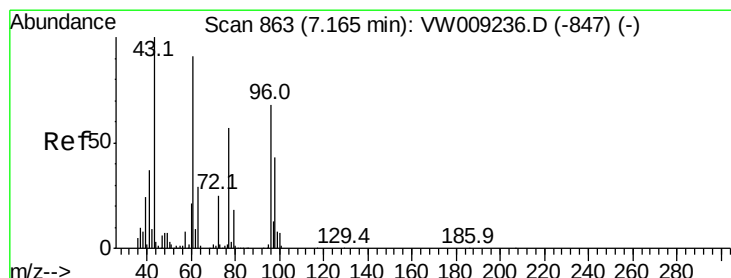
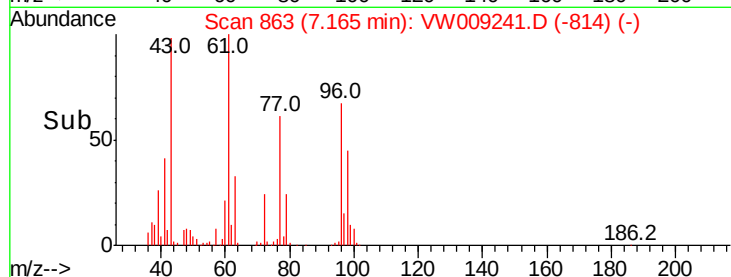
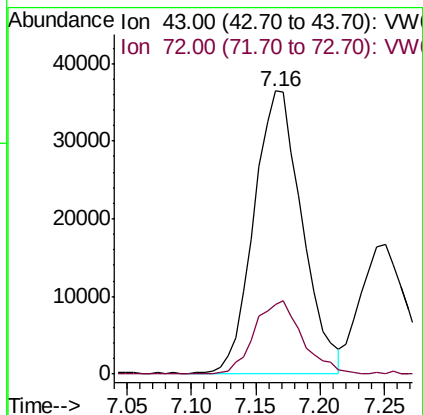
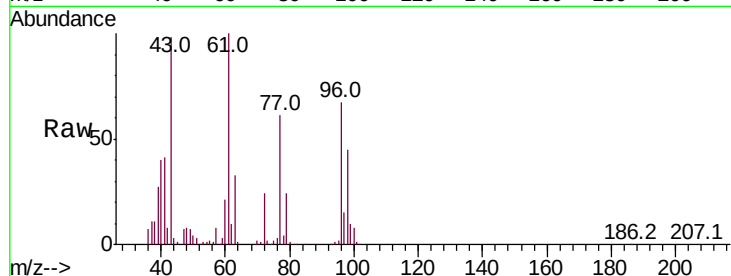
72 24.6 20.0 30.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.527 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW009241.D

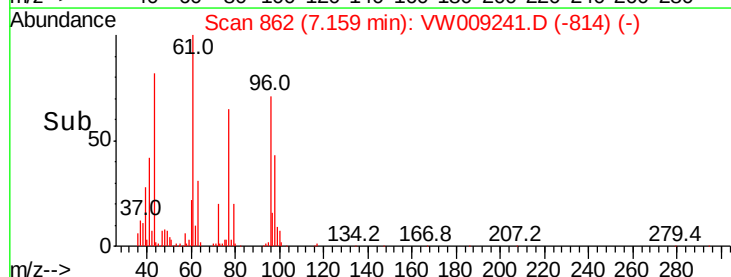
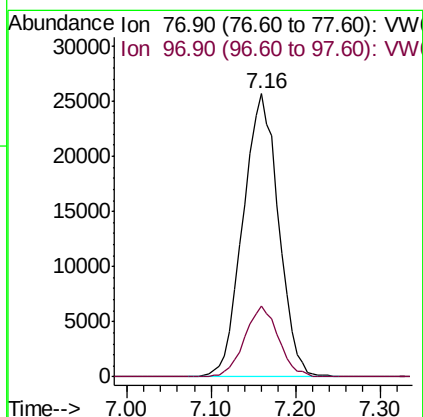
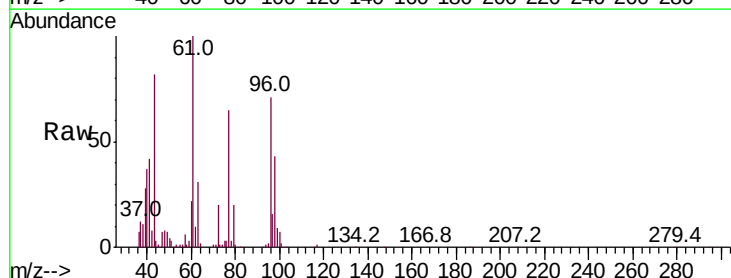
Acq: 19 Mar 2019 15:12

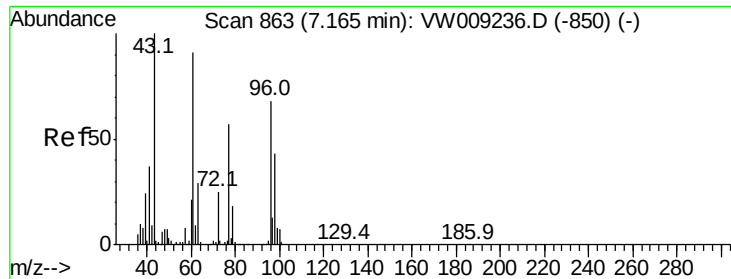
Tgt Ion: 77 Resp: 73480

Ion Ratio Lower Upper

77 100

97 23.8 11.6 34.7





#27

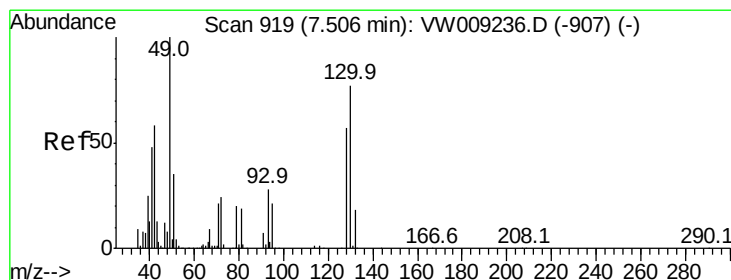
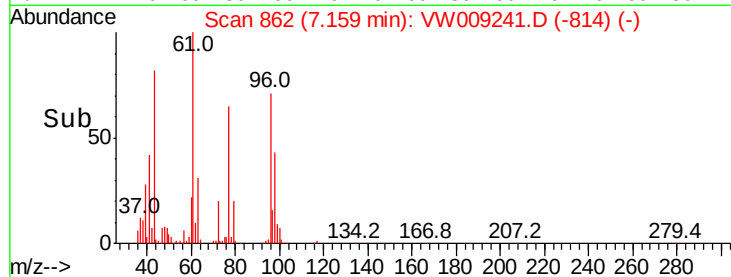
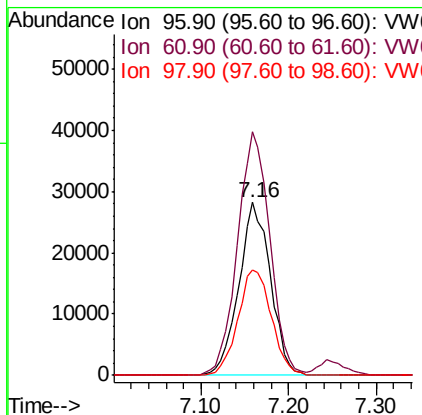
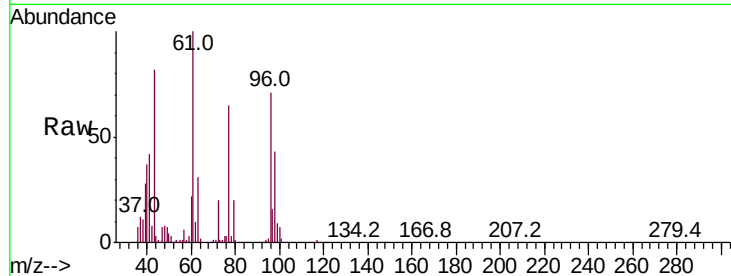
cis-1,2-Dichloroethene
 Concen: 19.522 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VW009241.D
 Acq: 19 Mar 2019 15:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0319SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.9	0.0	289.8
98	64.3	0.0	130.8

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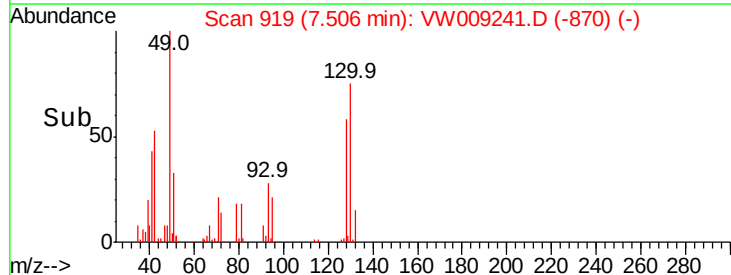
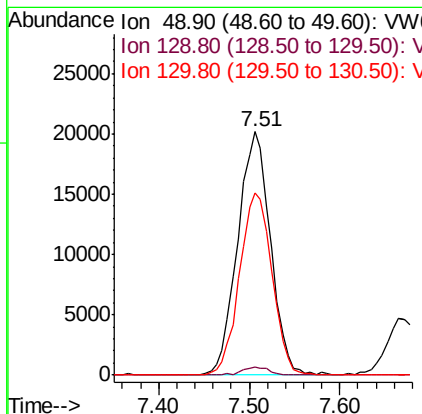
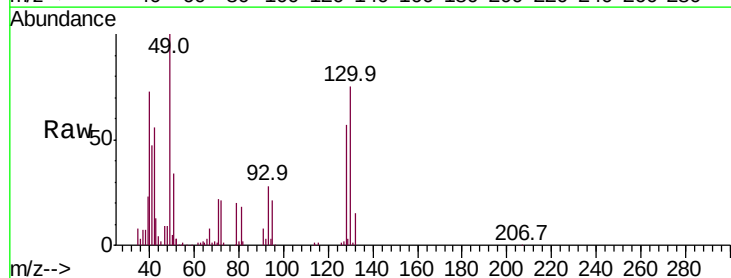
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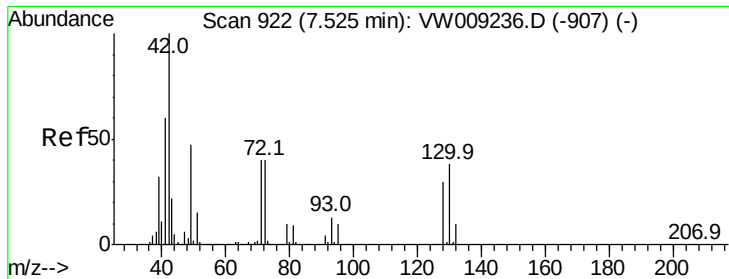


#28

Bromochloromethane
 Concen: 18.016 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VW009241.D
 Acq: 19 Mar 2019 15:12

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	1.4#
130	73.8	58.6	88.0





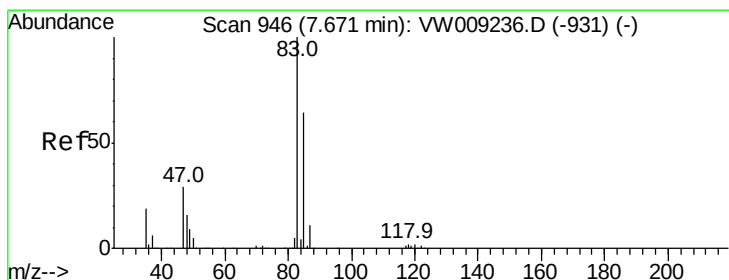
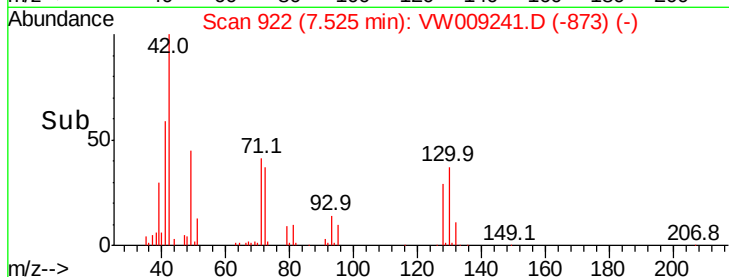
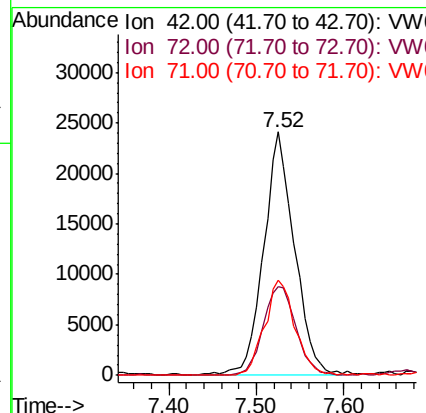
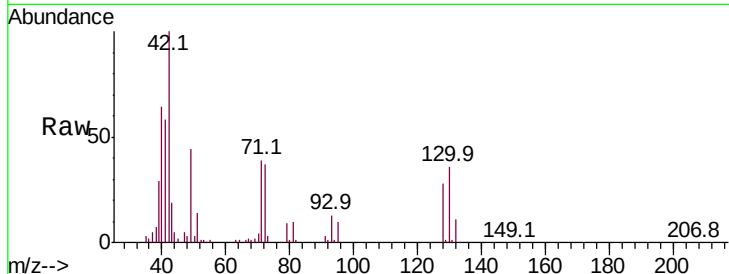
#29
Tetrahydrofuran
Concen: 86.984 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW009241.D
Acq: 19 Mar 2019 15:12

Instrument :
MSVOA_W
ClientSampleId :
VW0319SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.8	32.4	48.6
71	38.6	30.1	45.1

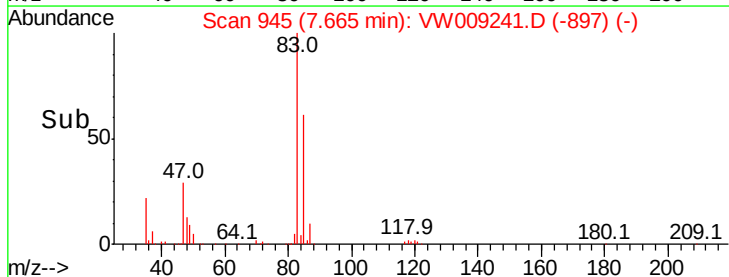
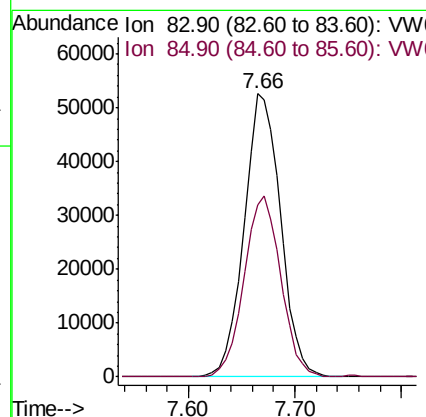
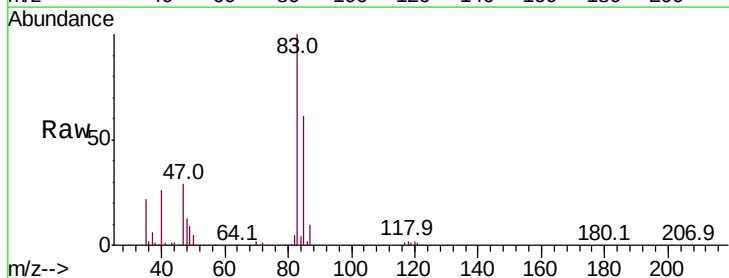
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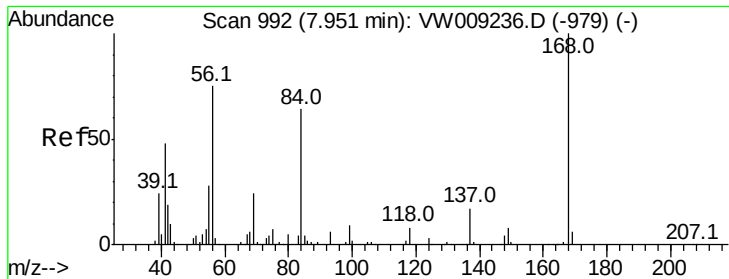
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#30
Chloroform
Concen: 18.969 ug/l
RT: 7.66 min Scan# 945
Delta R.T. -0.01 min
Lab File: VW009241.D
Acq: 19 Mar 2019 15:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.7	51.0	76.6





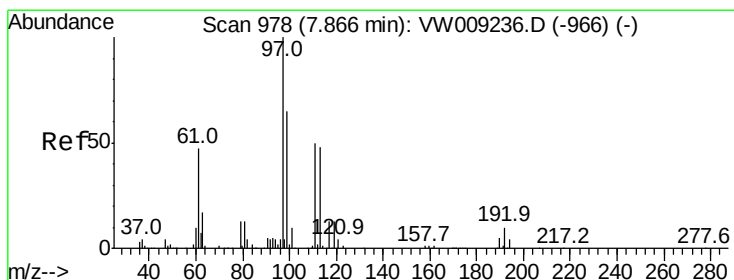
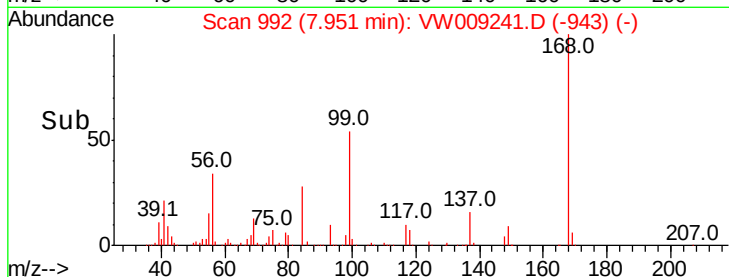
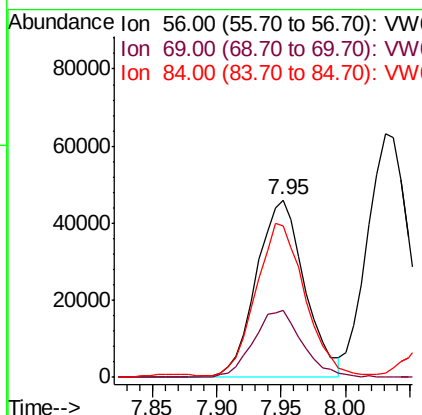
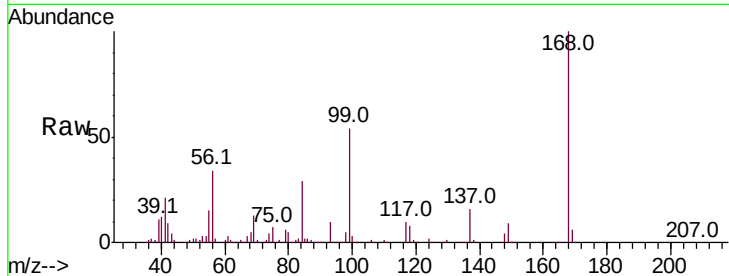
#31
Cyclohexane
Concen: 20.068 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW009241.D
Acq: 19 Mar 2019 15:12

Instrument :
MSVOA_W
ClientSampleId :
VW0319SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.6	26.1	39.1
84	83.9	68.6	103.0

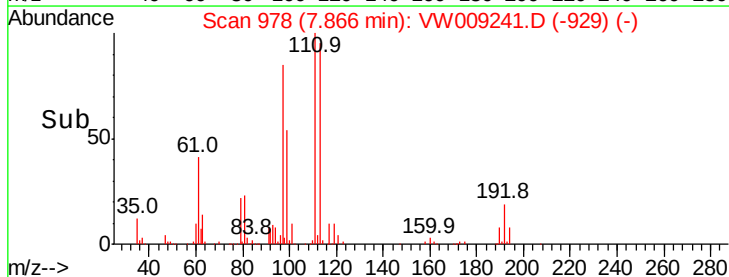
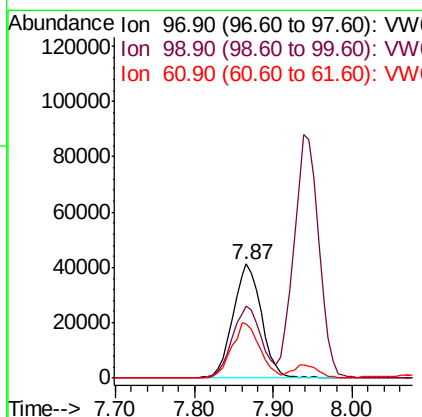
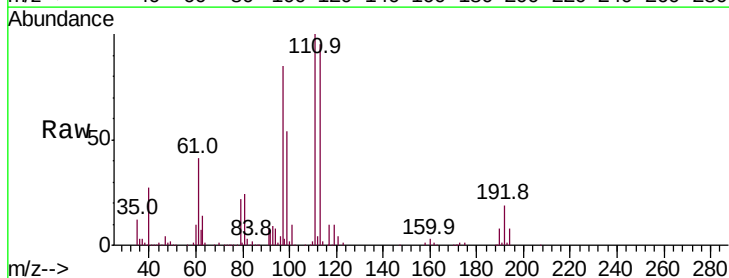
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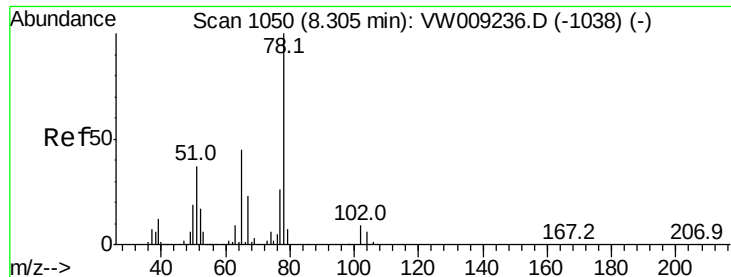
MMDadoda
3/22/2019 3:53:07 AM



#32
1,1,1-Trichloroethane
Concen: 19.516 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.00 min
Lab File: VW009241.D
Acq: 19 Mar 2019 15:12

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.9	77.9
61	47.8	36.8	55.2





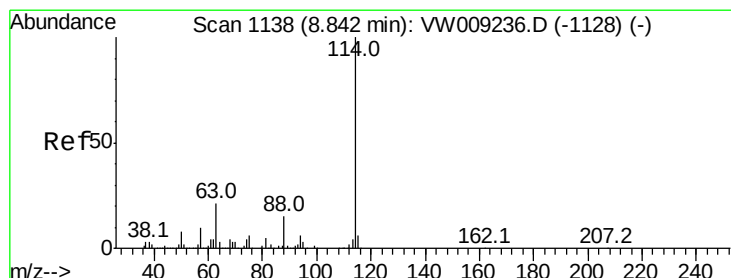
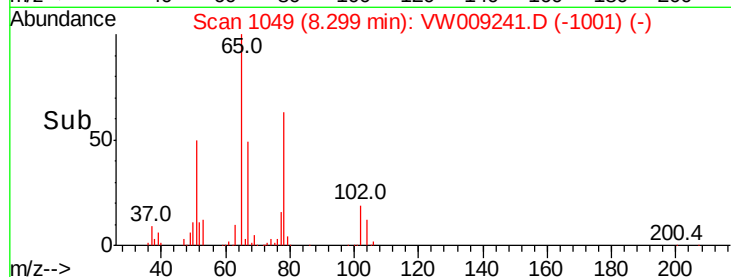
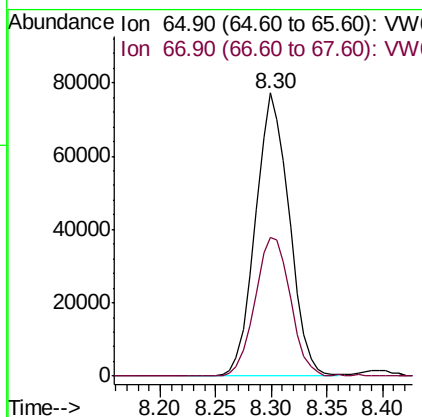
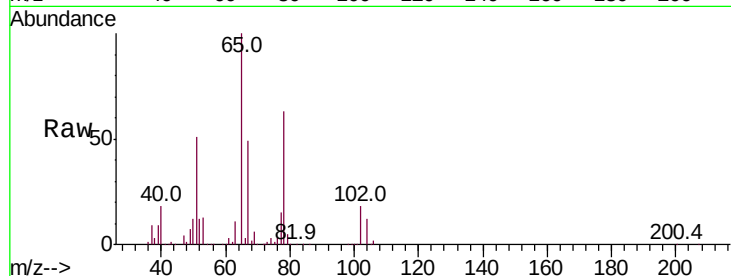
#33
 1,2-Dichloroethane-d4
 Concen: 44.879 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW009241.D
 Acq: 19 Mar 2019 15:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0319SBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	102.4

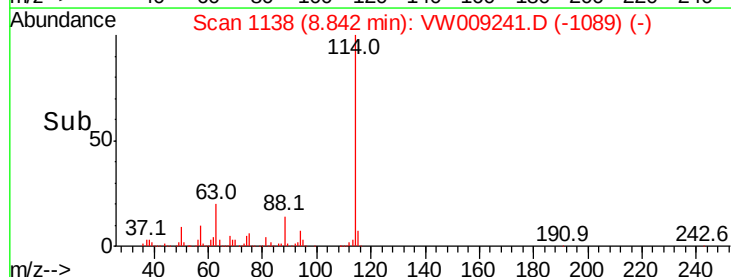
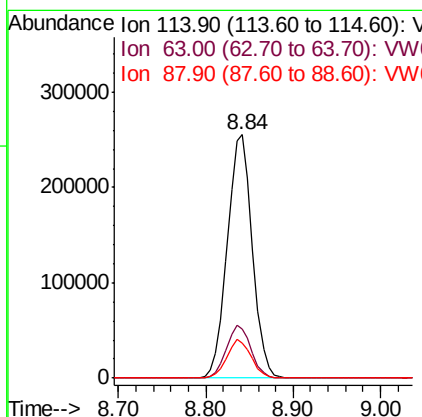
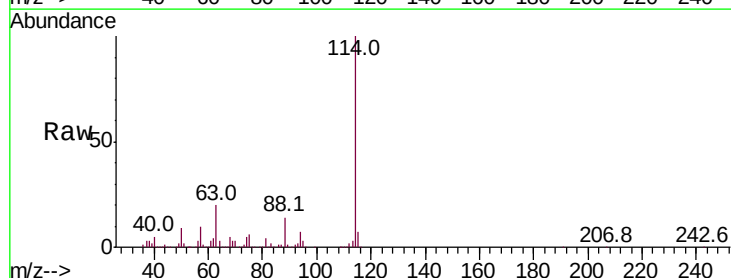
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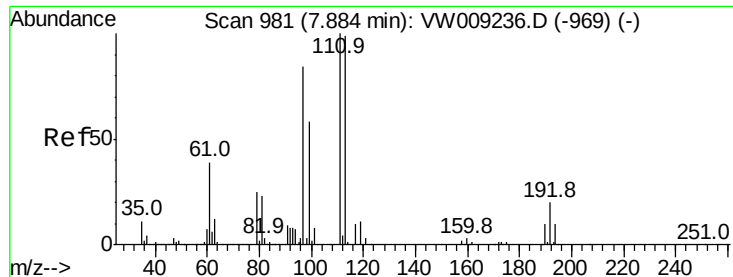
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW009241.D
 Acq: 19 Mar 2019 15:12

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	42.2
88	14.5	0.0	30.8





#35

Dibromofluoromethane

Concen: 47.323 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW009241.D

Acq: 19 Mar 2019 15:12

Instrument :

MSVOA_W

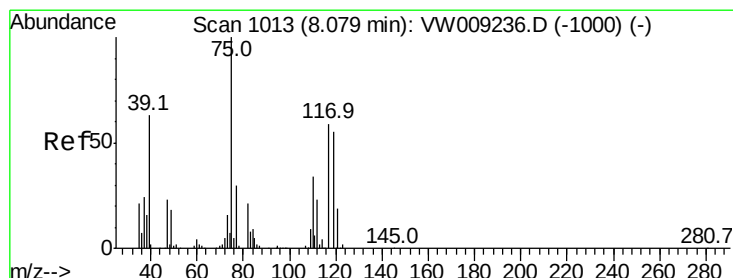
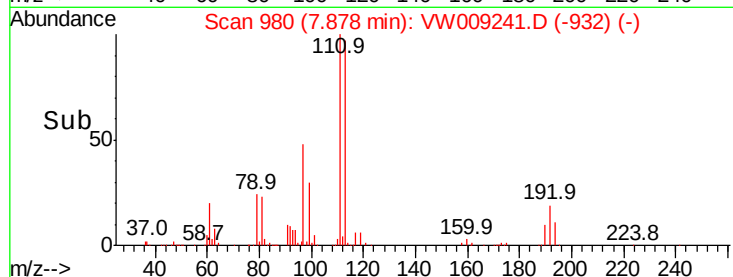
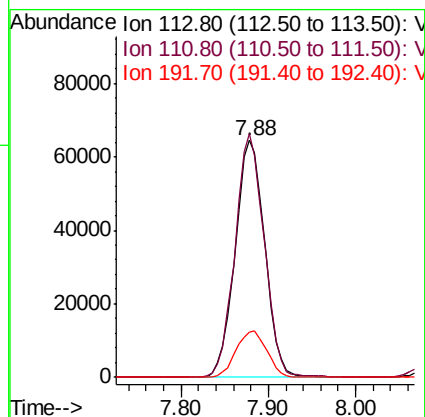
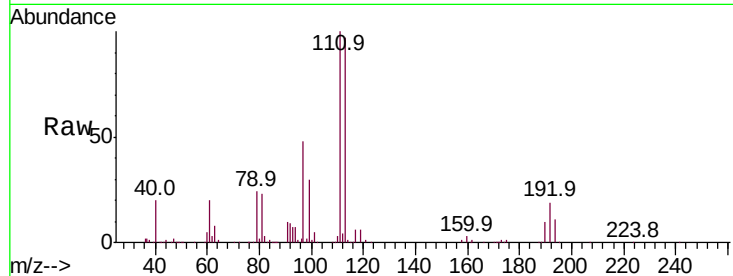
ClientSampleId :

VW0319SBS01

Tot Ion:	113	Resp:	151901
Ion Ratio	Lower	Upper	
113	100		
111	101.5	82.6	124.0
192	20.3	16.4	24.6

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#36

1,1-Dichloropropene

Concen: 19.838 ug/l

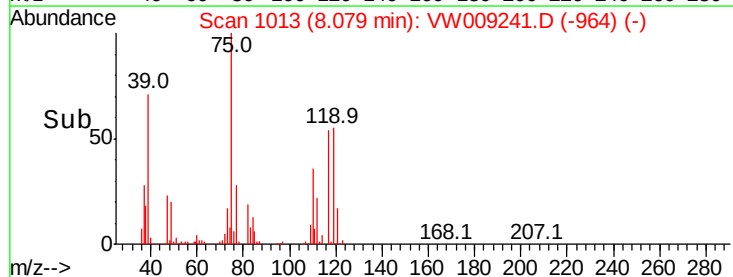
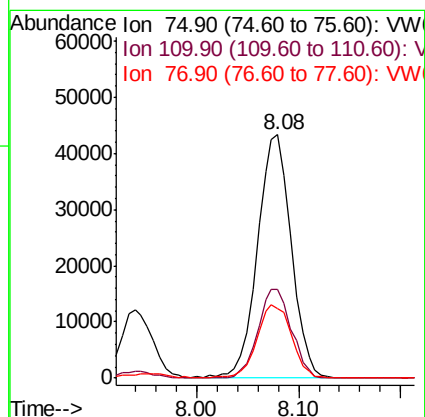
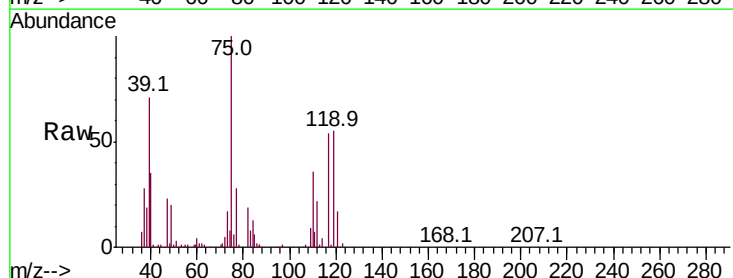
RT: 8.08 min Scan# 1013

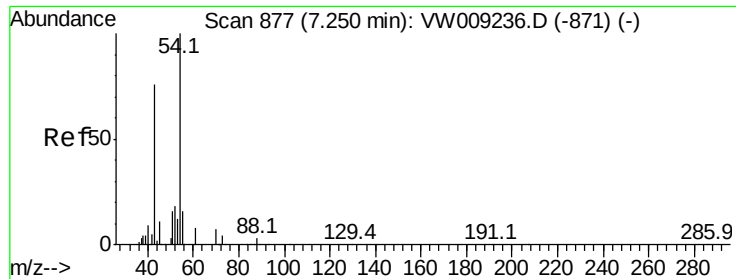
Delta R.T. -0.00 min

Lab File: VW009241.D

Acq: 19 Mar 2019 15:12

Tgt Ion:	75	Resp:	99892
Ion Ratio	Lower	Upper	
75	100		
110	36.2	16.8	50.4
77	30.9	24.6	36.8





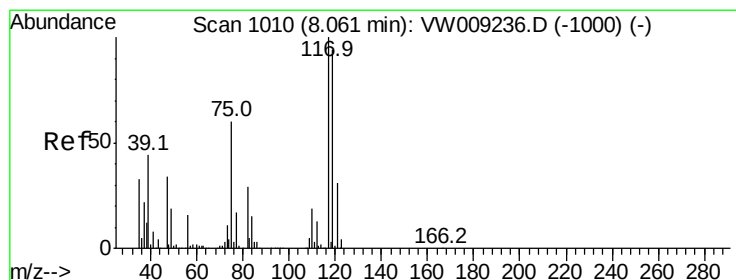
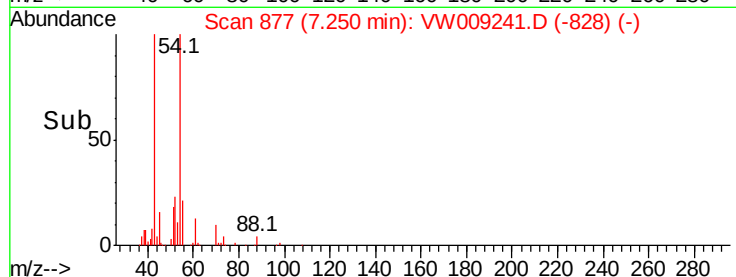
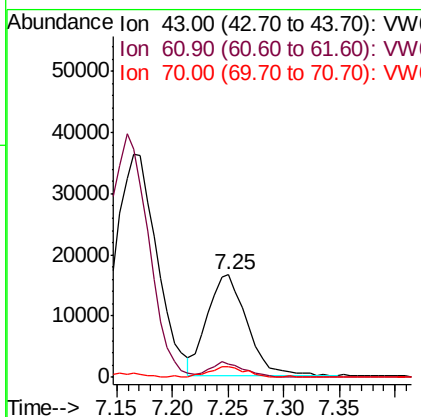
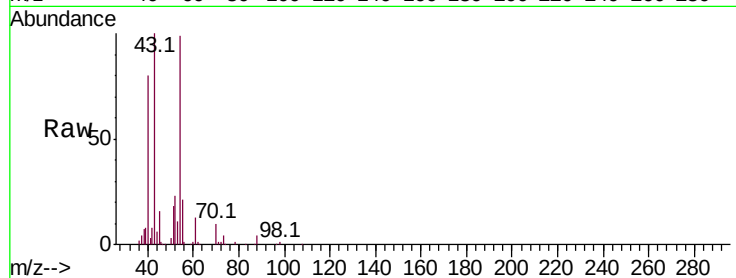
#37
Ethyl Acetate
Concen: 17.794 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW009241.D
Acq: 19 Mar 2019 15:12

Instrument :
MSVOA_W
ClientSampleId :
VW0319SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.0	15.0
70	10.0	7.3	10.9

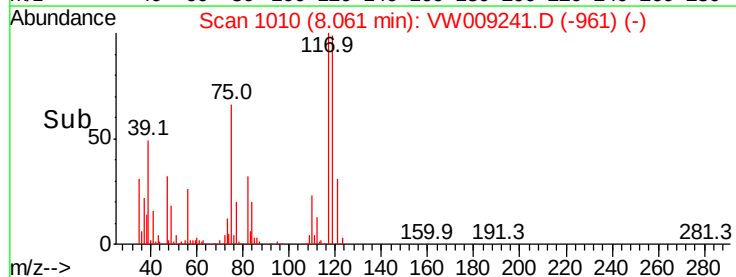
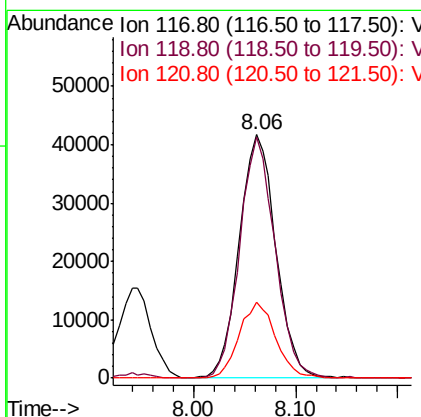
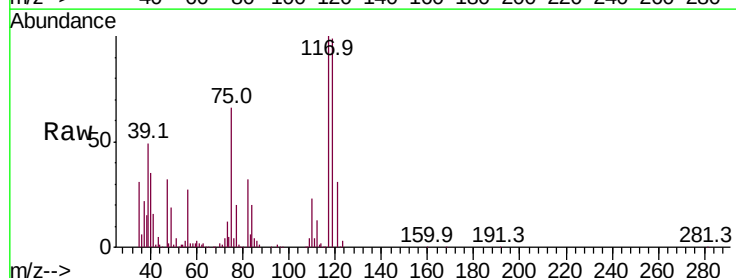
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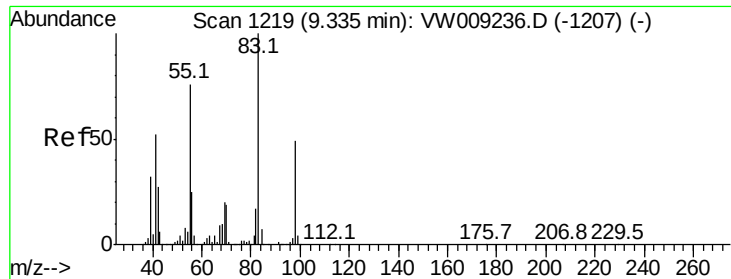
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#38
Carbon Tetrachloride
Concen: 19.573 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VW009241.D
Acq: 19 Mar 2019 15:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.1	75.4	113.0
121	31.0	24.9	37.3





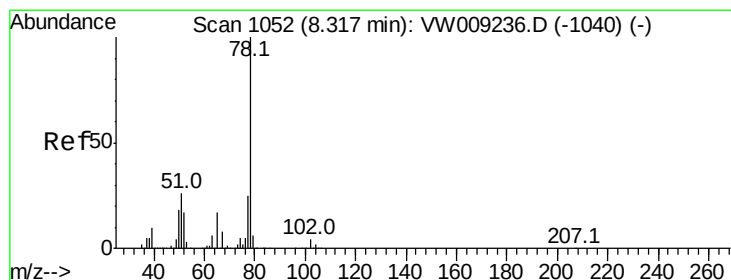
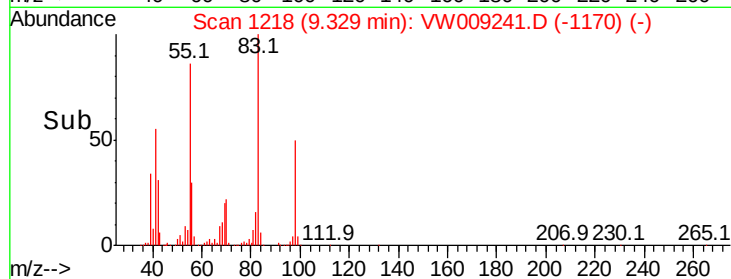
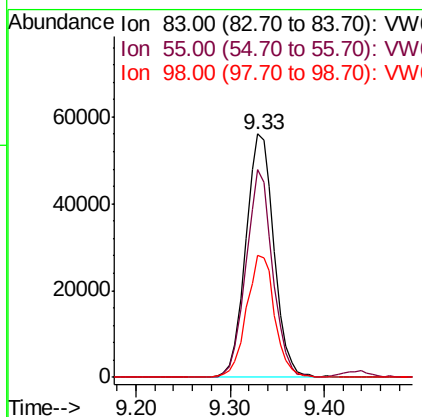
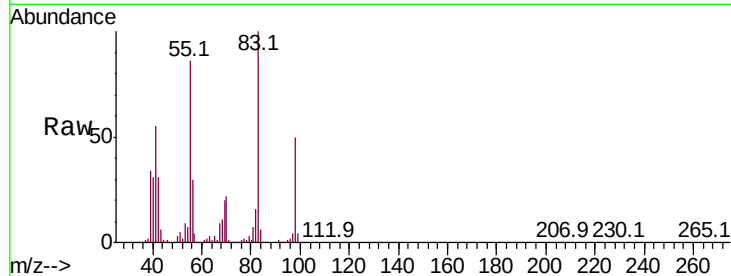
#39
Methylvlcyclohexane
Concen: 20.202 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW009241.D
Acq: 19 Mar 2019 15:12

Instrument :
MSVOA_W
ClientSampleId :
VW0319SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	117694		
55	85.5		61.1	91.7
98	50.3		39.0	58.4

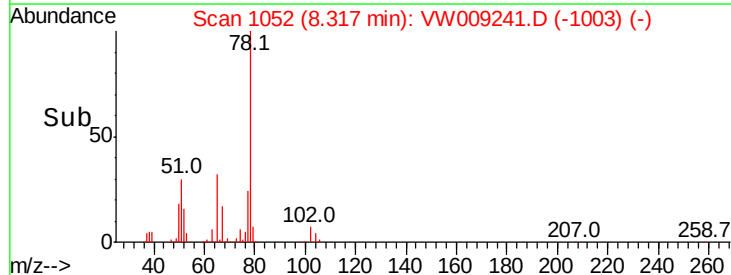
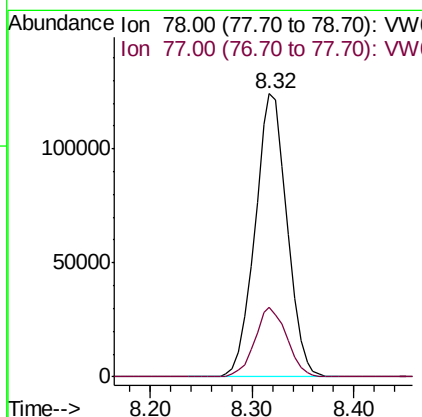
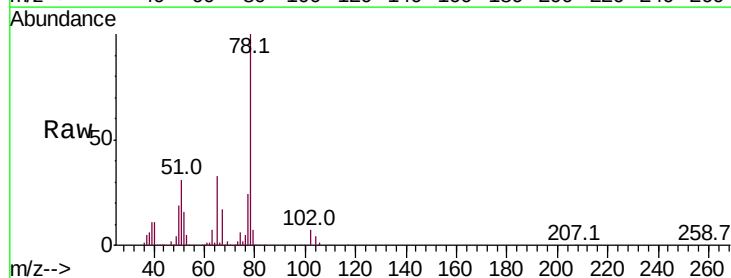
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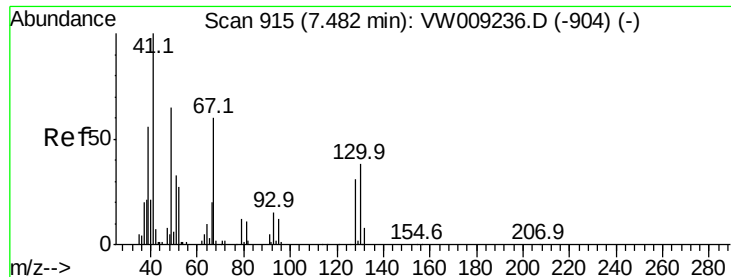
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#40
Benzene
Concen: 19.852 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW009241.D
Acq: 19 Mar 2019 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	271079		
77	24.4		19.8	29.6





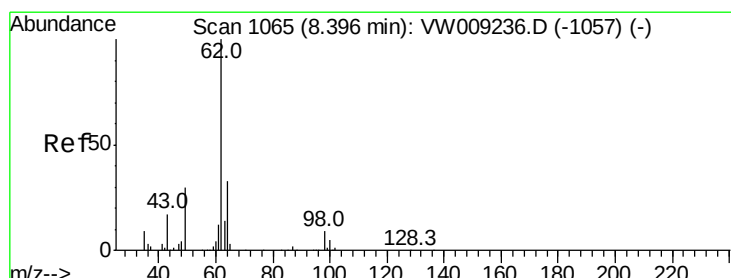
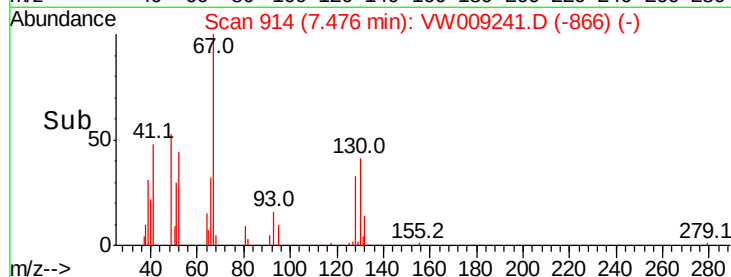
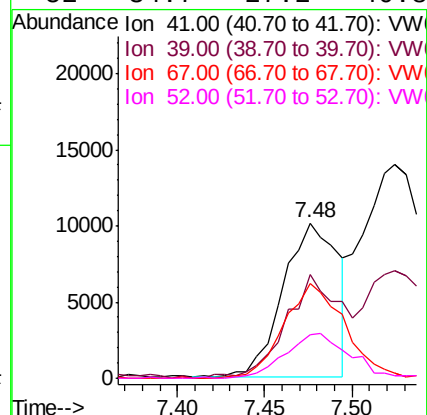
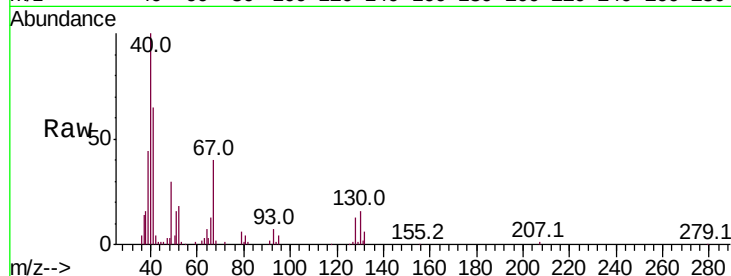
#41
Methacrylonitrile
Concen: 17.937 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW009241.D
Acq: 19 Mar 2019 15:12

Instrument :
MSVOA_W
ClientSampleId :
VW0319SBS01

Tot Ion	41	Resp	22213
Ion	Ratio	Lower	Upper
41	100		
39	68.1	52.5	78.7
67	68.7	56.6	84.8
52	34.7	27.2	40.8

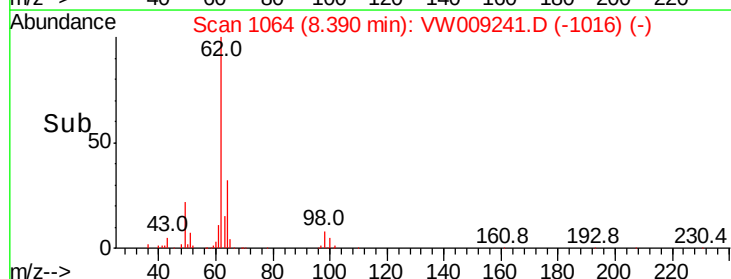
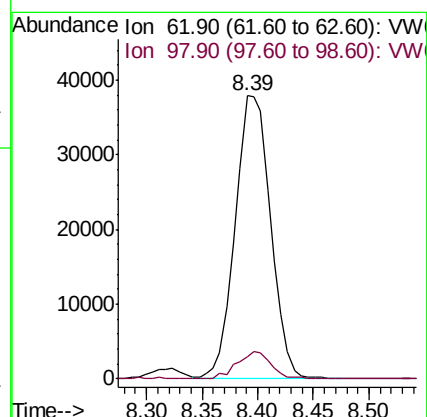
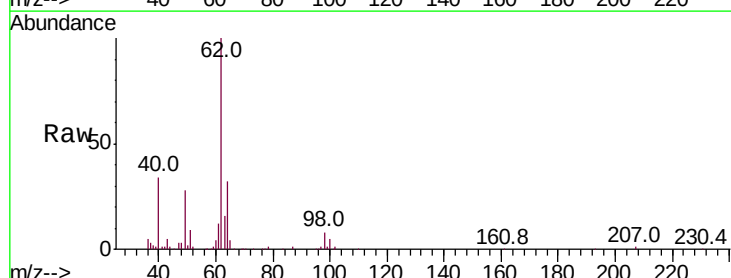
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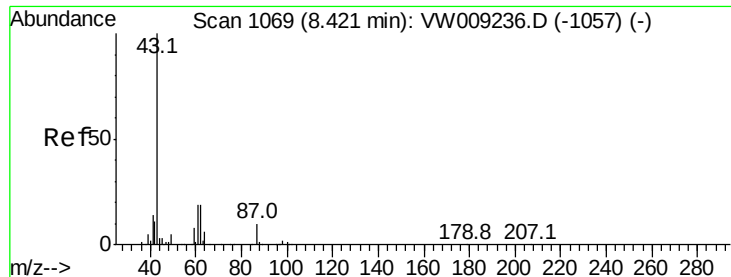
MMDadoda
3/22/2019 3:53:07 AM



#42
1,2-Dichloroethane
Concen: 18.802 ug/l
RT: 8.39 min Scan# 1064
Delta R.T. -0.01 min
Lab File: VW009241.D
Acq: 19 Mar 2019 15:12

Tgt Ion	62	Resp	83925
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	17.4





#43

Isopropyl Acetate

Concen: 17.465 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW009241.D

Acq: 19 Mar 2019 15:12

Instrument :

MSVOA_W

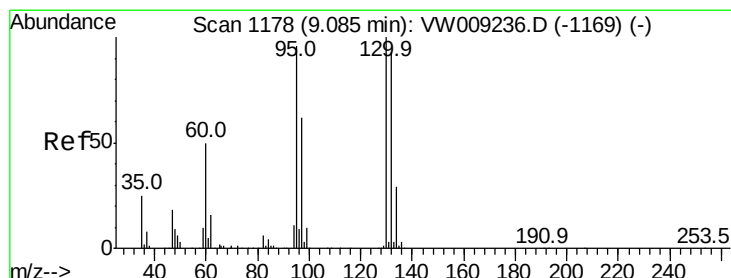
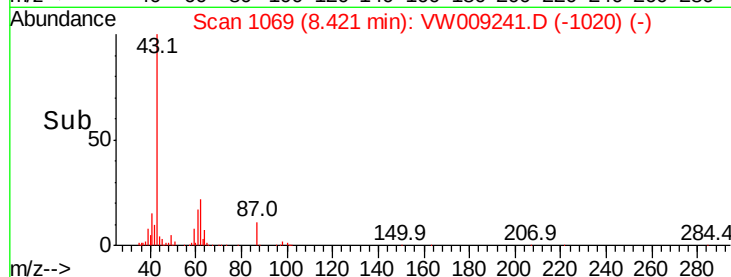
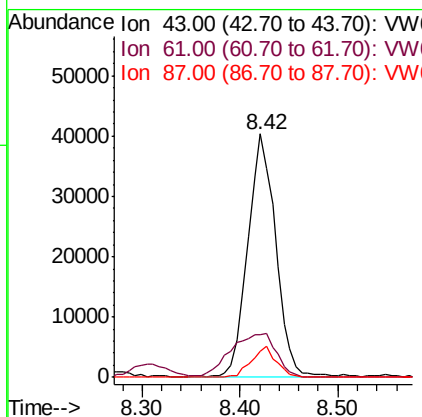
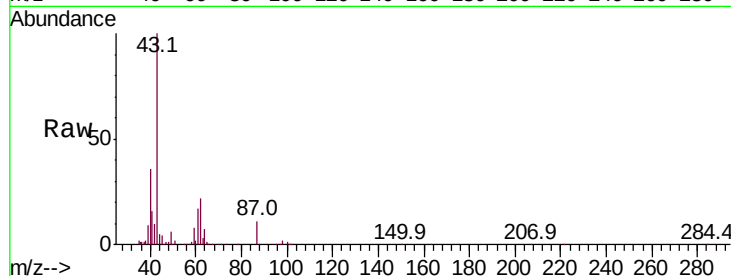
ClientSampleId :

VW0319SBS01

Tot Ion:	43	Resp:	80354
Ion	Ratio	Lower	Upper
43	100		
61	29.3	22.2	33.2
87	11.3	9.6	14.4

Manual Integrations
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3/22/2019 3:53:07 AM



#44

Trichloroethene

Concen: 19.777 ug/l

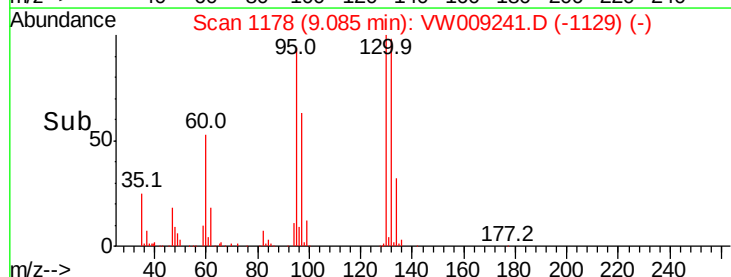
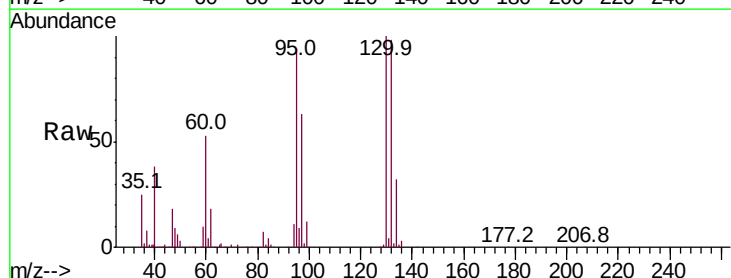
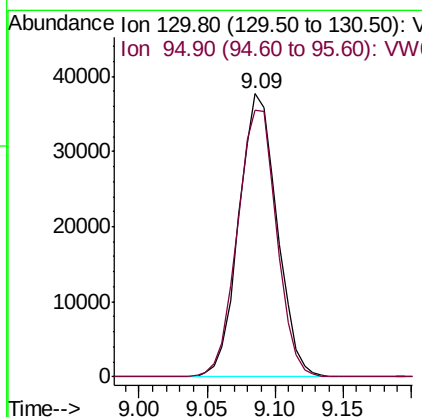
RT: 9.09 min Scan# 1178

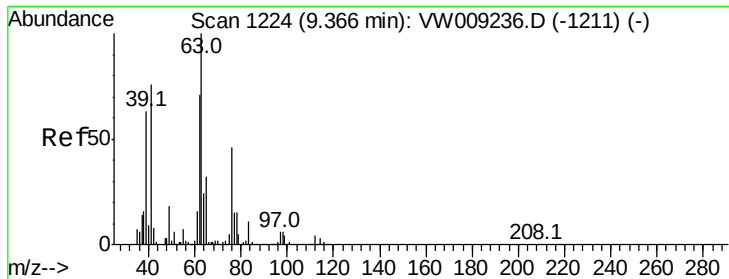
Delta R.T. -0.00 min

Lab File: VW009241.D

Acq: 19 Mar 2019 15:12

Tgt Ion:	130	Resp:	73979
Ion	Ratio	Lower	Upper
130	100		
95	94.3	0.0	192.6





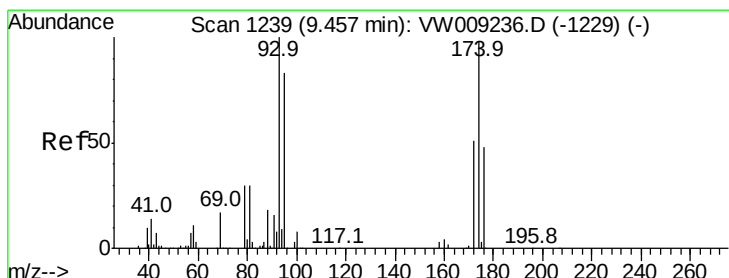
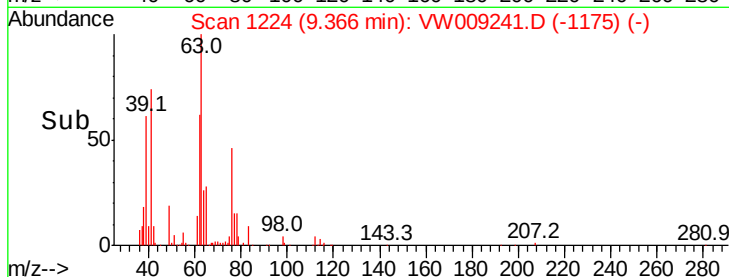
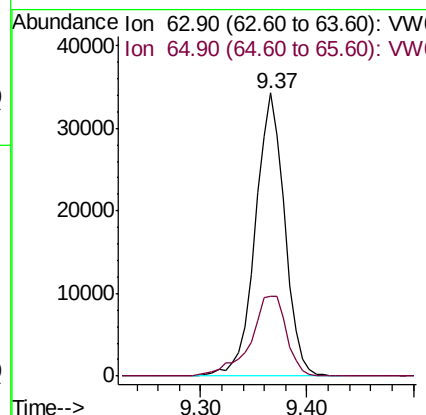
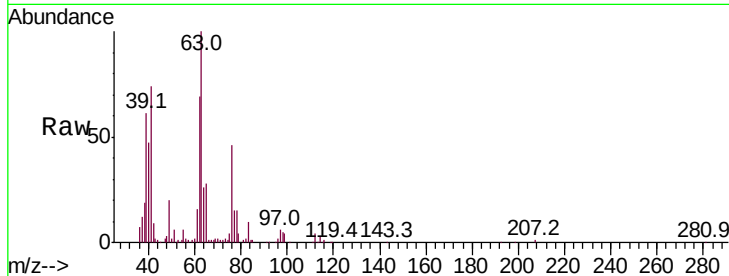
#45
 1,2-Dichloropropane
 Concen: 19.044 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW009241.D
 Acq: 19 Mar 2019 15:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0319SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.3	25.8	38.8

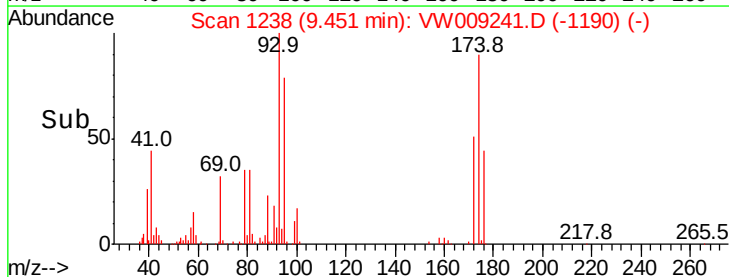
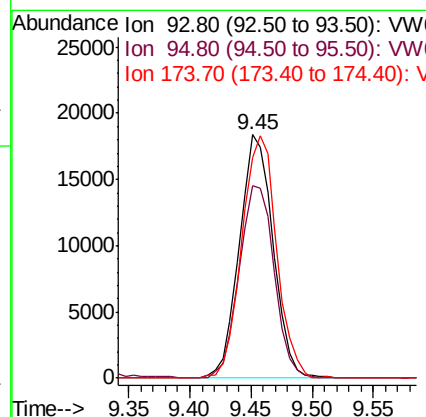
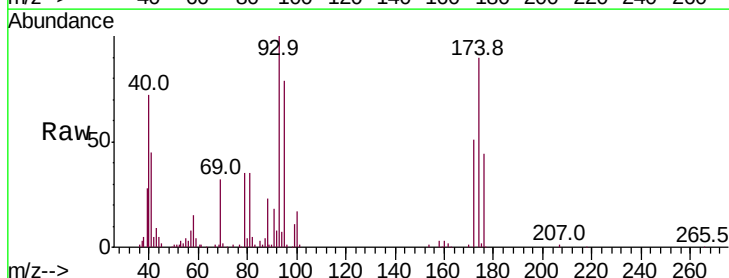
Manual Integrations
 APPROVED

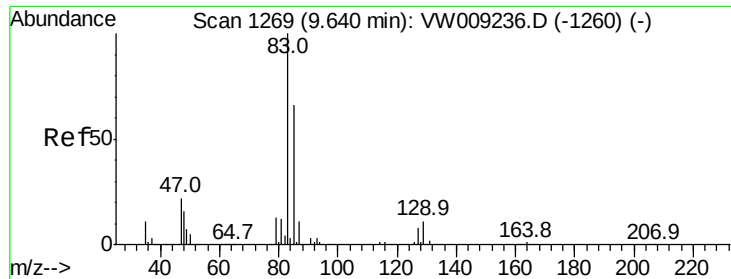
MMDadoda
 3/22/2019 3:53:07 AM



#46
 Dibromomethane
 Concen: 18.406 ug/l
 RT: 9.45 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: VW009241.D
 Acq: 19 Mar 2019 15:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.0	66.9	100.3
174	102.5	80.8	121.2





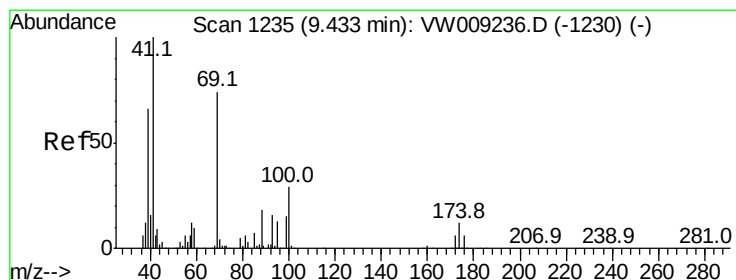
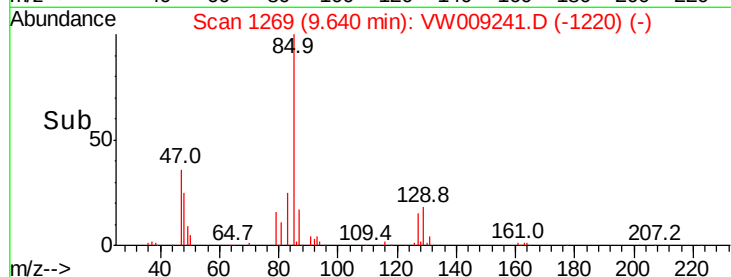
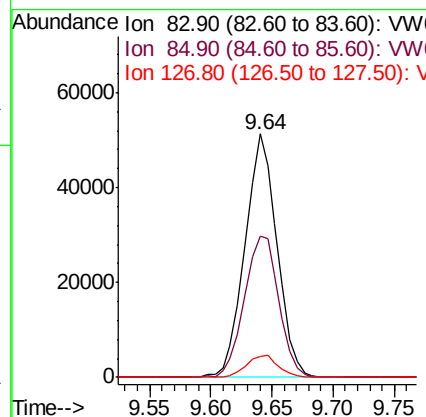
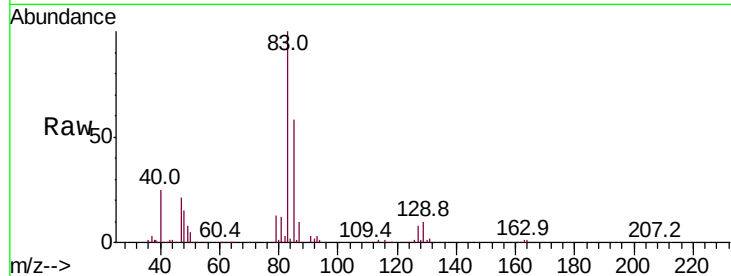
#47
Bromodichloromethane
Concen: 19.307 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VW009241.D
Acq: 19 Mar 2019 15:12

Instrument :
MSVOA_W
ClientSampleId :
VW0319SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	58.1	52.6	79.0
127	8.4	6.5	9.7

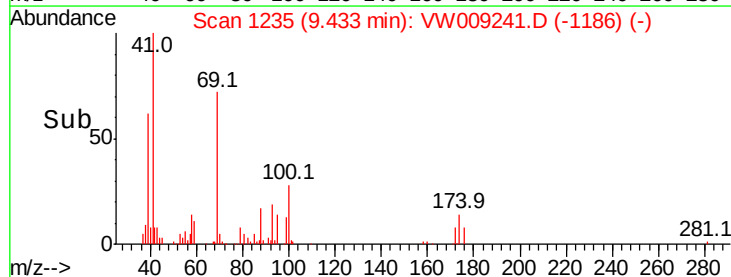
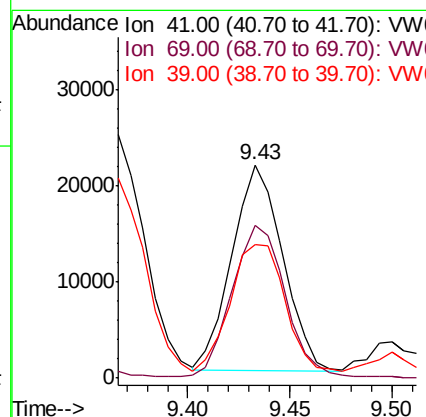
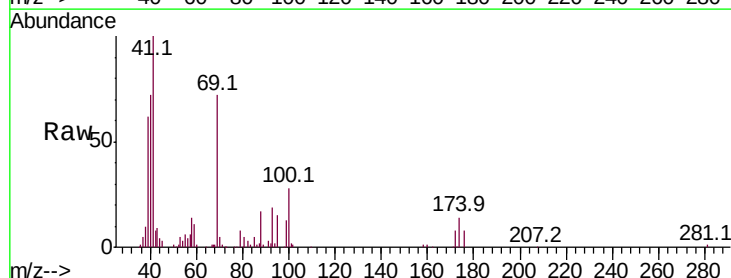
Manual Integrations
APPROVED

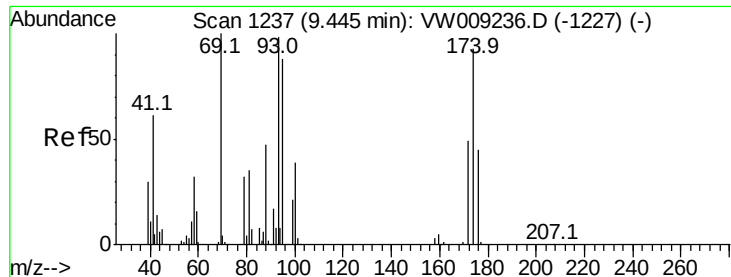
MMDadoda
3/22/2019 3:53:07 AM



#48
Methyl methacrylate
Concen: 17.477 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW009241.D
Acq: 19 Mar 2019 15:12

Tgt Ion	Ratio	Lower	Upper
41	100		
69	79.1	63.0	94.6
39	67.7	57.2	85.8





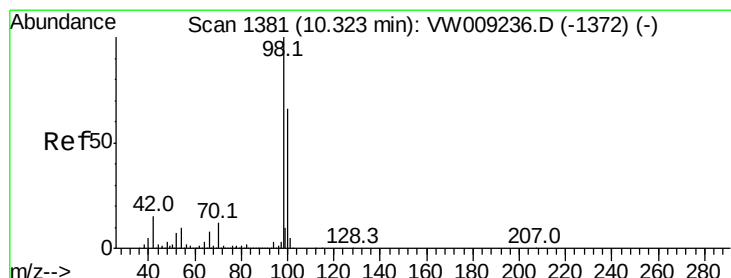
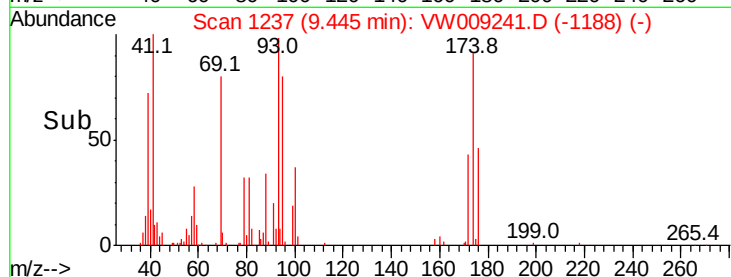
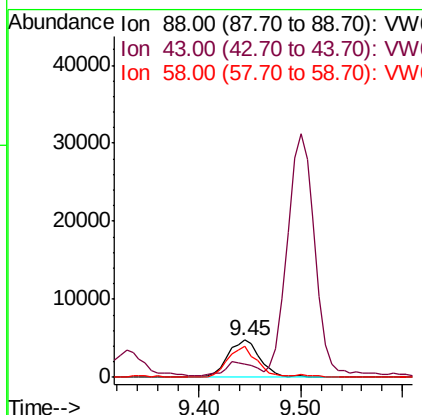
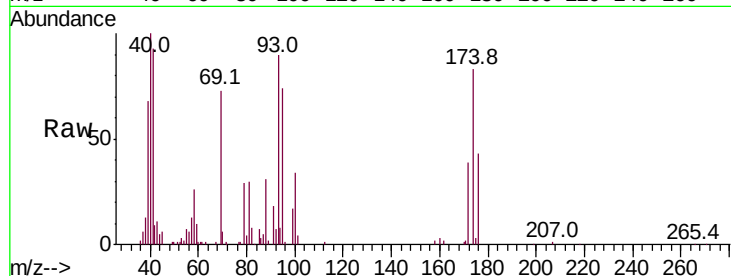
#49
1,4-Dioxane
Concen: 357.385 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW009241.D
Acq: 19 Mar 2019 15:12

Instrument :
MSVOA_W
ClientSampleId :
VW0319SBS01

Tot Ion	88	Resp	10581
Ion Ratio	Lower	Upper	
88	100		
43	34.4	29.7	44.5
58	76.8	58.1	87.1

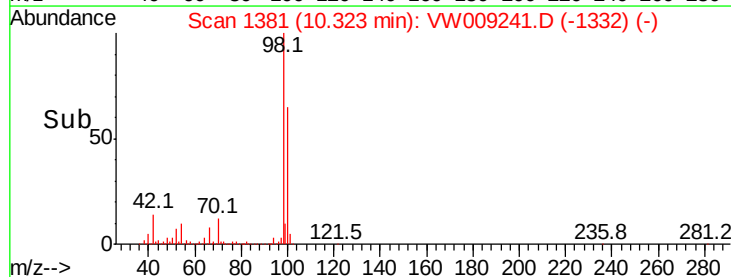
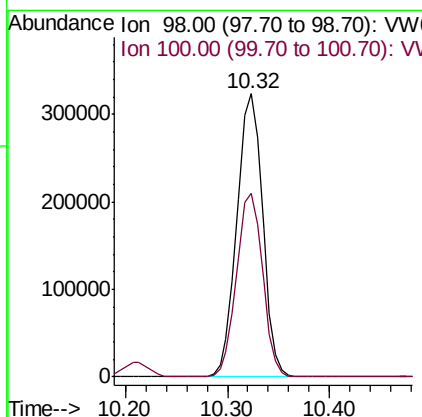
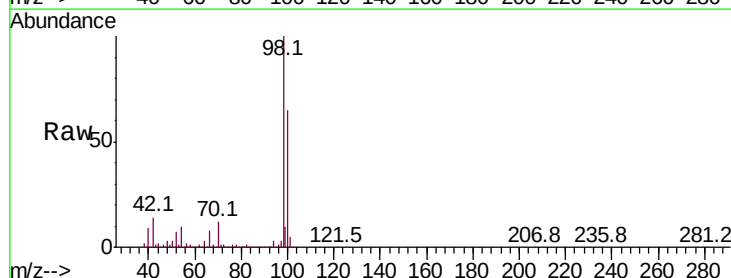
Manual Integrations
APPROVED

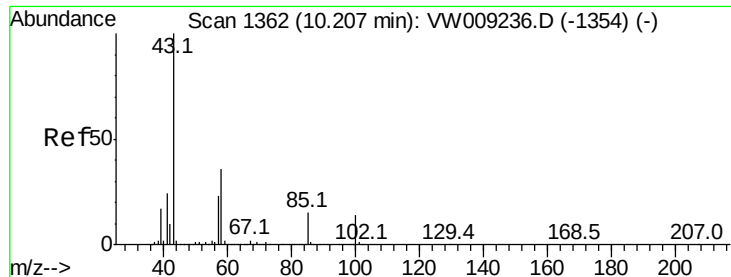
MMDadoda
3/22/2019 3:53:07 AM



#50
Toluene-d8
Concen: 48.525 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW009241.D
Acq: 19 Mar 2019 15:12

Tgt Ion	98	Resp	566047
Ion Ratio	Lower	Upper	
98	100		
100	65.6	52.6	79.0





#51

4-Methyl-2-Pentanone

Concen: 86.699 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW009241.D

Acq: 19 Mar 2019 15:12

Instrument :

MSVOA_W

ClientSampled :

VW0319SBS01

Tot Ion: 43 Resp: 207890

Ion Ratio Lower Upper

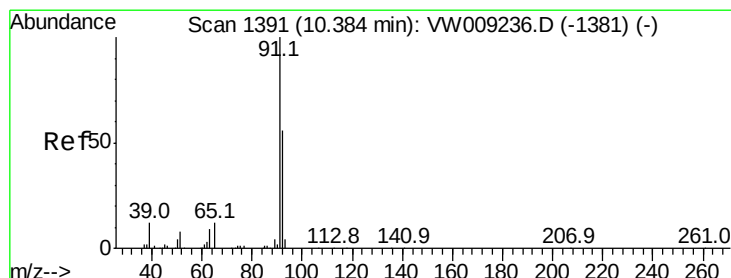
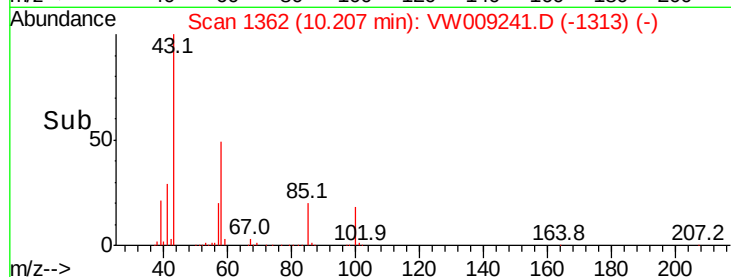
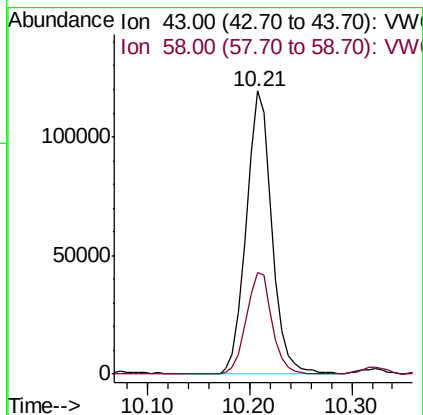
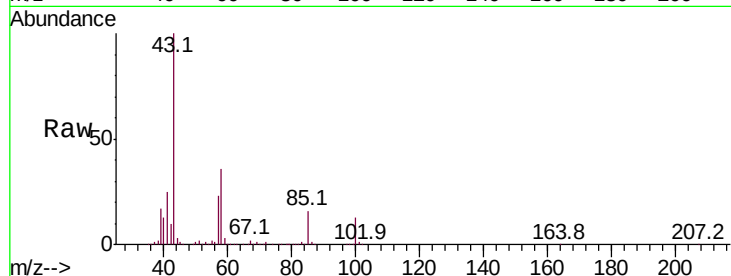
43 100

58 36.3 28.6 42.8

Manual Integrations
APPROVED

MMDadoda

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#52

Toluene

Concen: 19.656 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW009241.D

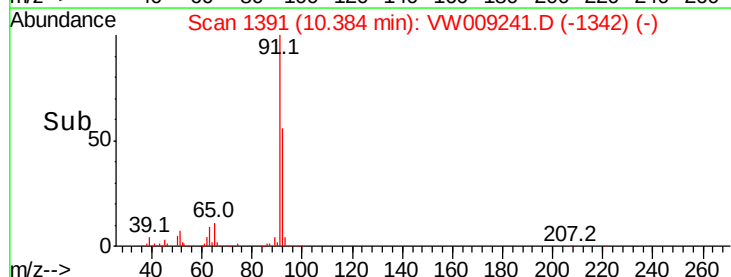
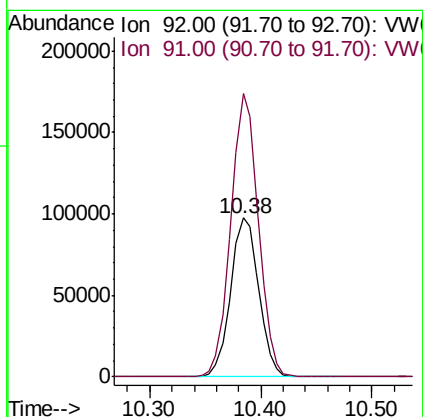
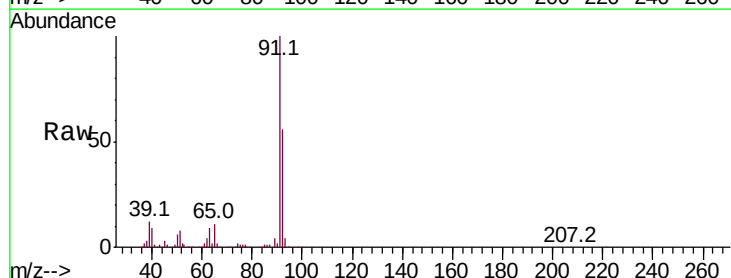
Acq: 19 Mar 2019 15:12

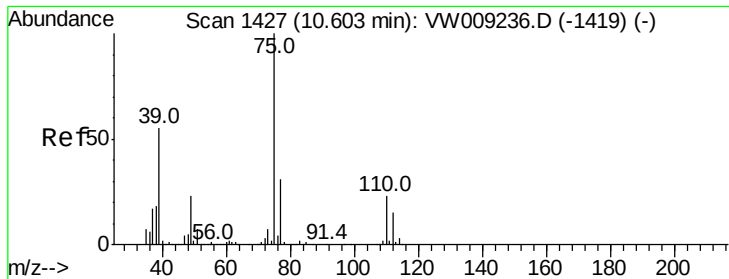
Tgt Ion: 92 Resp: 170061

Ion Ratio Lower Upper

92 100

91 175.4 140.1 210.1





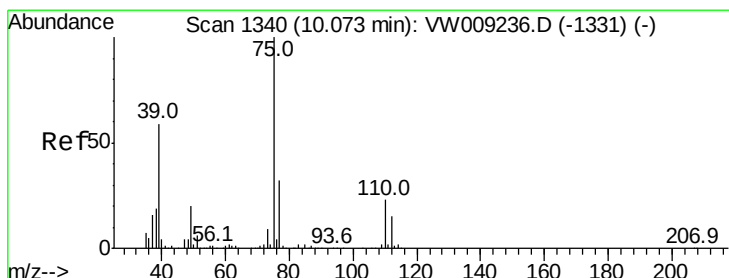
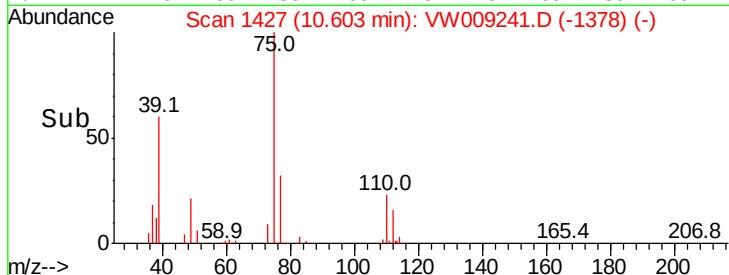
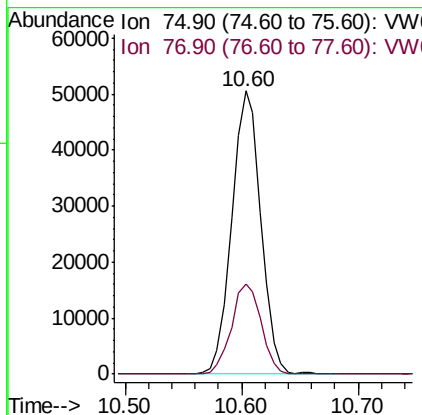
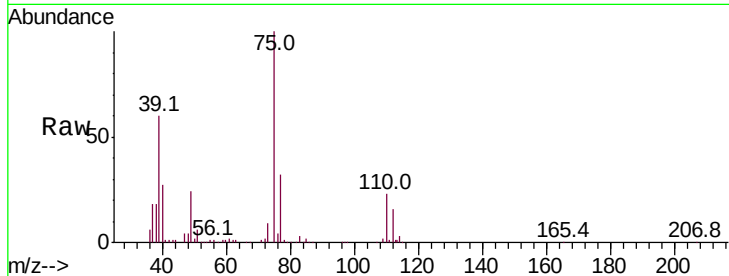
#53
t-1,3-Dichloropropene
Concen: 18.627 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW009241.D
Acq: 19 Mar 2019 15:12

Instrument :
MSVOA_W
ClientSampleId :
VW0319SBS01

Tot Ion: 75 Resp: 87618
Ion Ratio Lower Upper
75 100
77 32.0 24.8 37.2

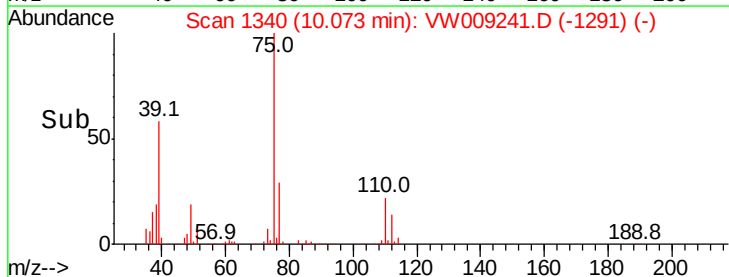
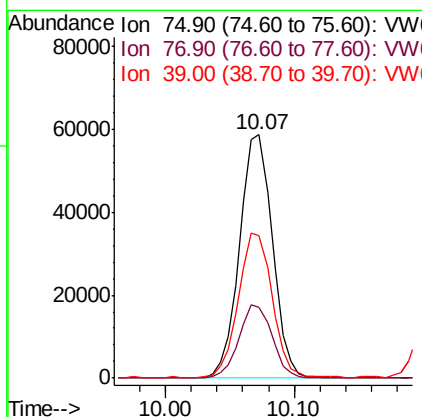
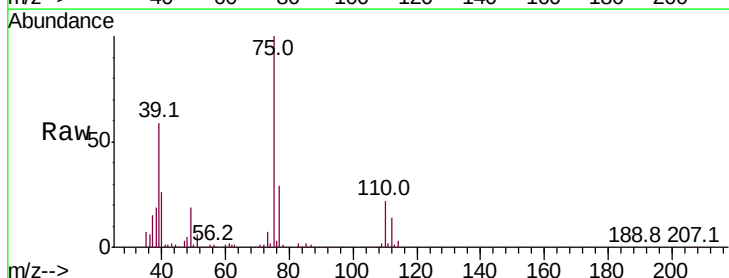
Manual Integrations
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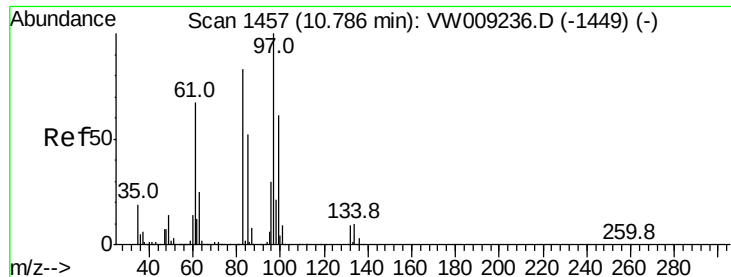
MMDadoda
3/22/2019 3:53:07 AM



#54
cis-1,3-Dichloropropene
Concen: 19.639 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW009241.D
Acq: 19 Mar 2019 15:12

Tgt Ion: 75 Resp: 103927
Ion Ratio Lower Upper
75 100
77 29.3 25.9 38.9
39 58.6 46.8 70.2





#55

1,1,2-Trichloroethane

Concen: 18.297 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW009241.D

Acq: 19 Mar 2019 15:12

Instrument :

MSVOA_W

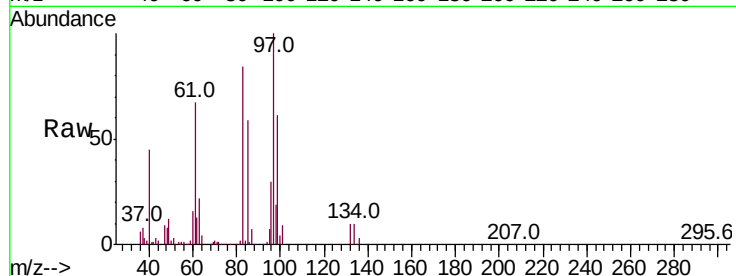
ClientSampleId :

VW0319SBS01

Tot Ion:	97	Resp:	47291
Ion	Ratio	Lower	Upper
97	100		
83	83.7	66.3	99.5
85	59.1	41.4	62.2
99	61.1	48.7	73.1

Manual Integrations
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MMDadoda
3/22/2019 3:53:07 AM



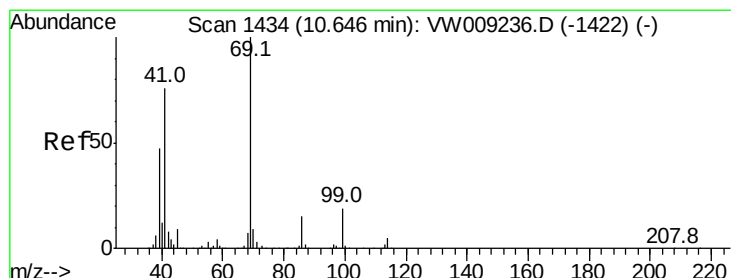
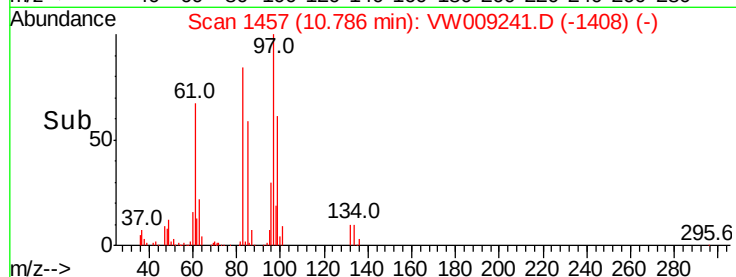
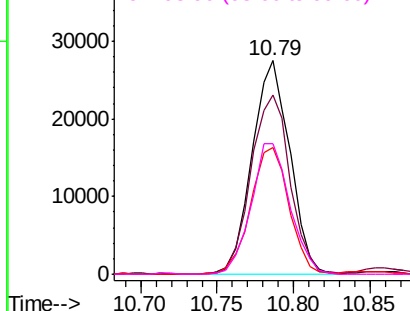
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 17.824 ug/l

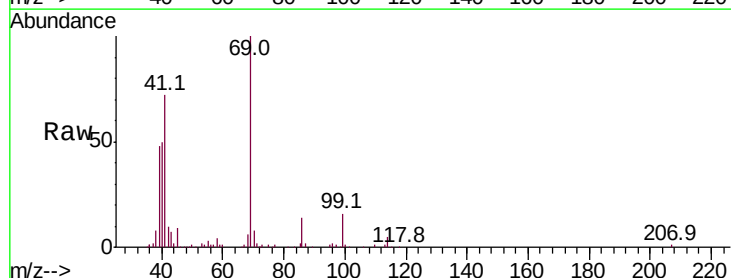
RT: 10.64 min Scan# 1433

Delta R.T. -0.01 min

Lab File: VW009241.D

Acq: 19 Mar 2019 15:12

Tgt Ion:	69	Resp:	54856
Ion	Ratio	Lower	Upper
69	100		
41	78.4	59.3	88.9
39	46.4	36.2	54.2

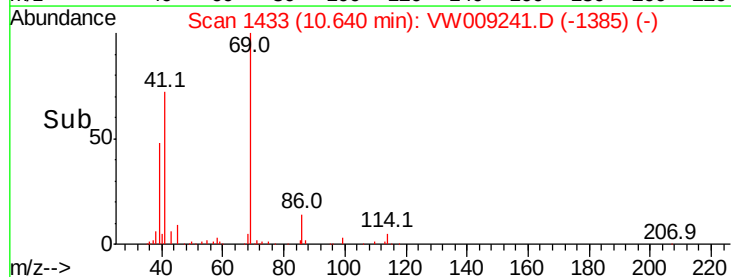
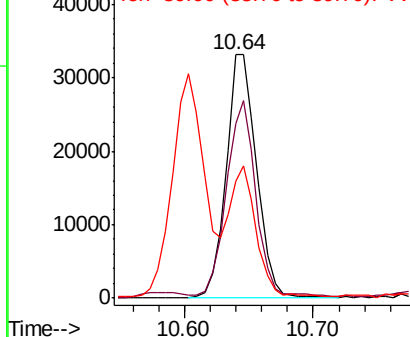


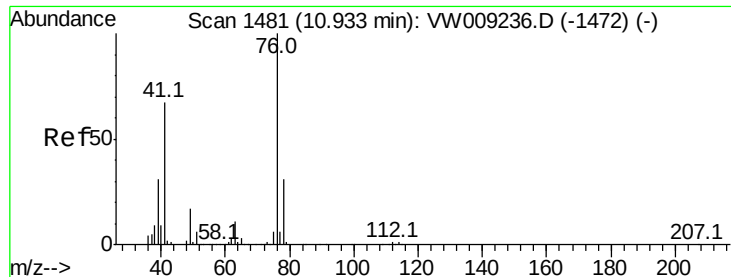
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





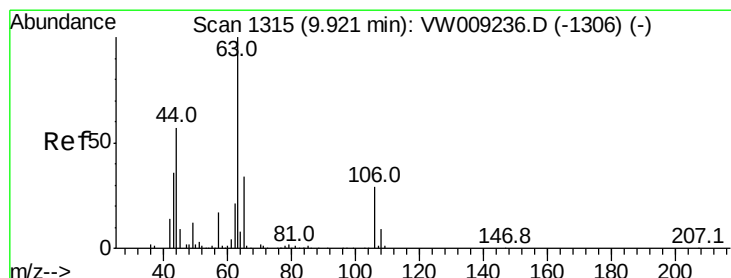
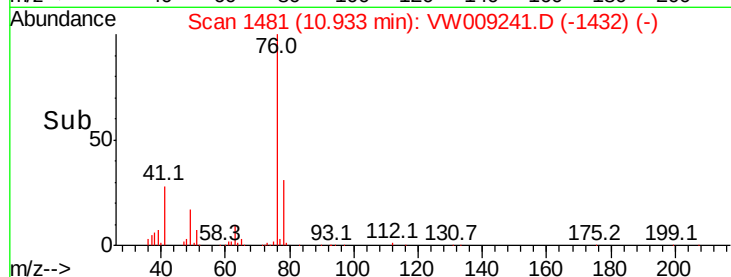
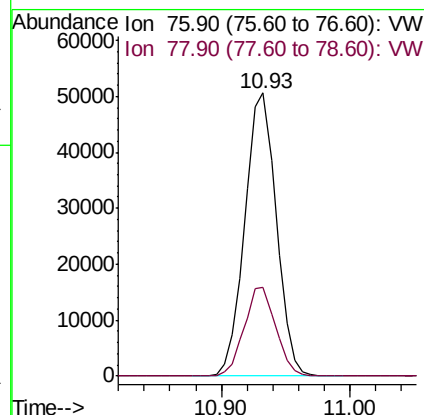
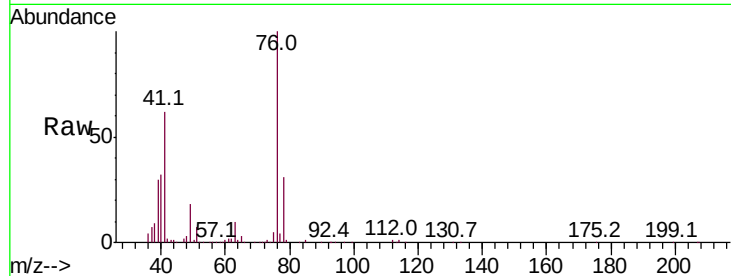
#57
 1,3-Dichloropropane
 Concen: 19.194 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW009241.D
 Acq: 19 Mar 2019 15:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0319SBS01

Tot Ion: 76 Resp: 85567
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.8 38.6

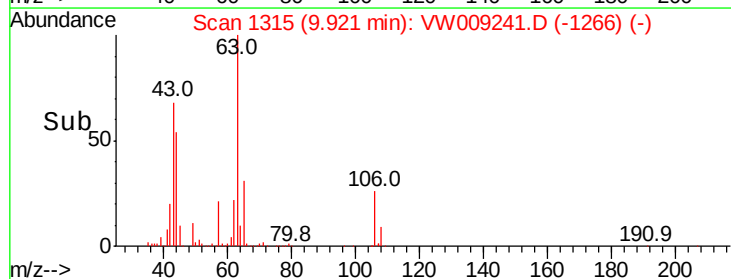
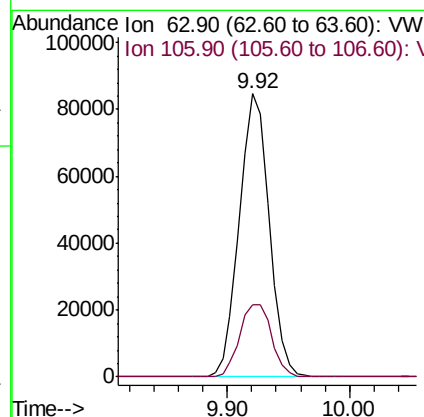
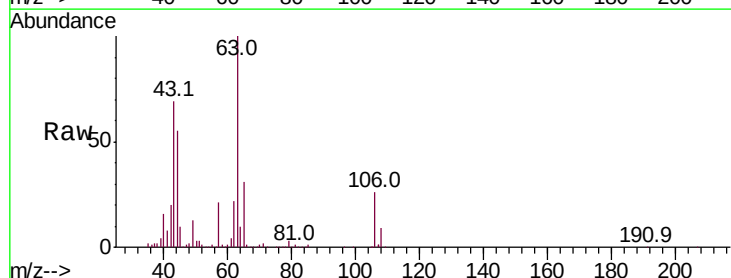
Manual Integrations
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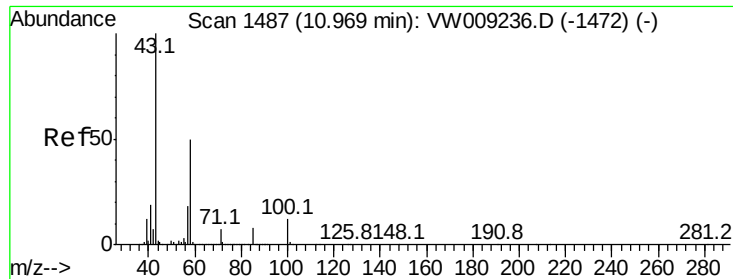
MMDadoda
 3/22/2019 3:53:07 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 158.818 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW009241.D
 Acq: 19 Mar 2019 15:12

Tgt Ion: 63 Resp: 143020
 Ion Ratio Lower Upper
 63 100
 106 27.7 22.9 34.3





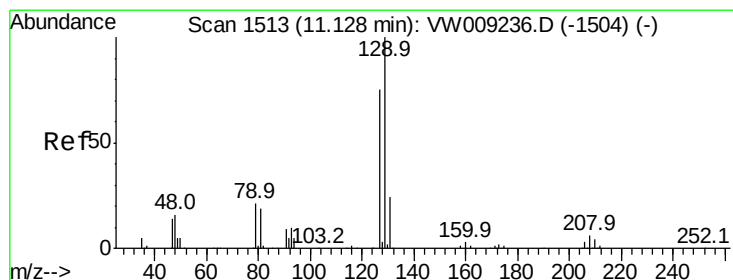
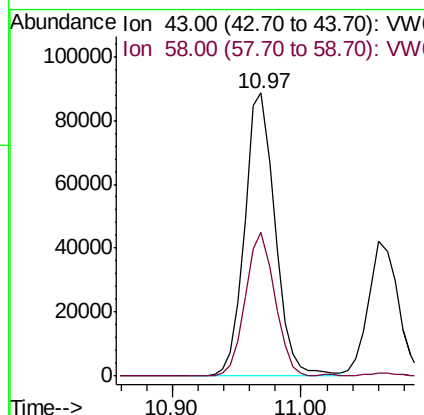
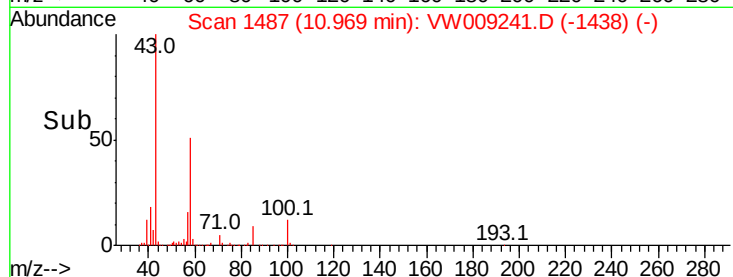
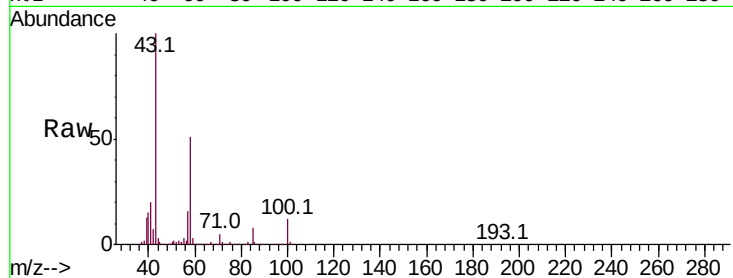
#59
2-Hexanone
Concen: 88.395 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW009241.D
Acq: 19 Mar 2019 15:12

Instrument :
MSVOA_W
ClientSampleId :
VW0319SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	49.4	24.2	72.6

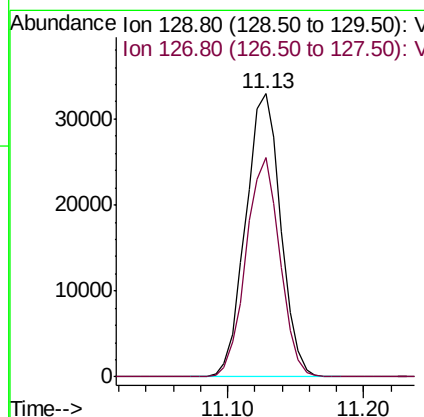
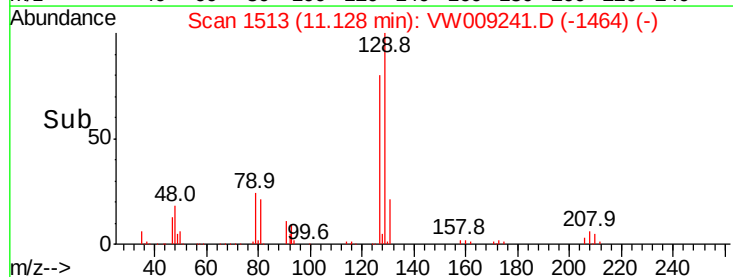
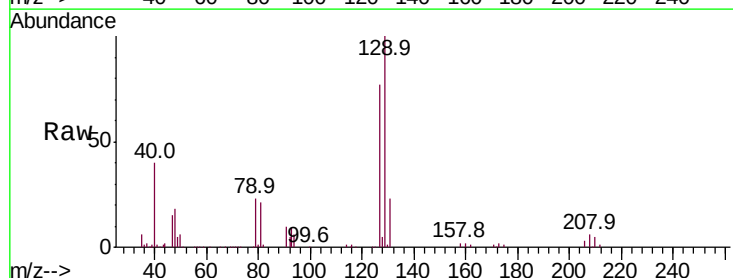
Manual Integrations
APPROVED

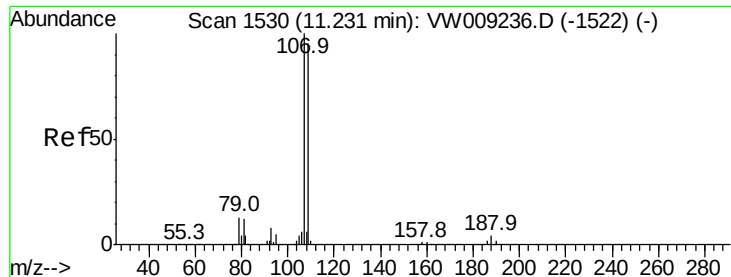
MMDadoda
3/22/2019 3:53:07 AM



#60
Dibromochloromethane
Concen: 18.621 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW009241.D
Acq: 19 Mar 2019 15:12

Tgt Ion	Ratio	Lower	Upper
129	100		
127	74.9	38.1	114.5





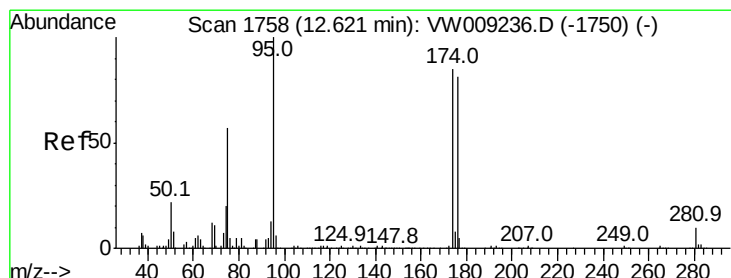
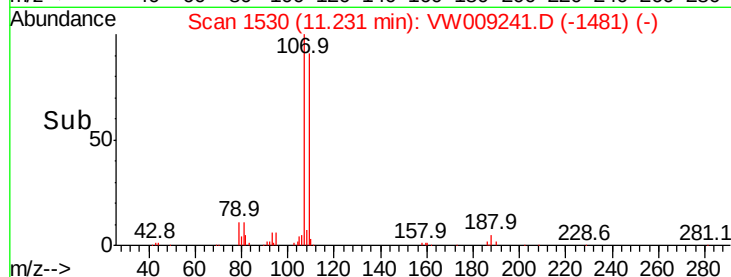
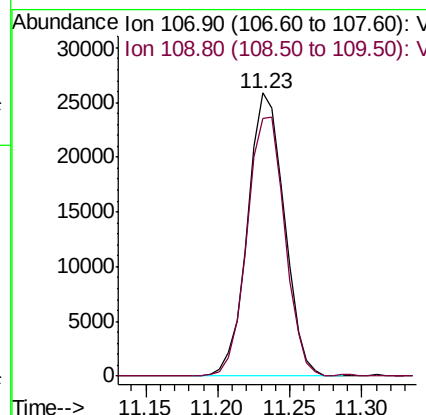
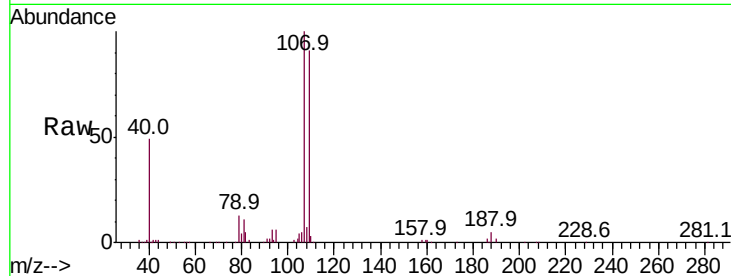
#61
 1,2-Dibromoethane
 Concen: 18.518 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW009241.D
 Acq: 19 Mar 2019 15:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0319SBS01

Tot Ion:107 Resp: 45587
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.1 112.7

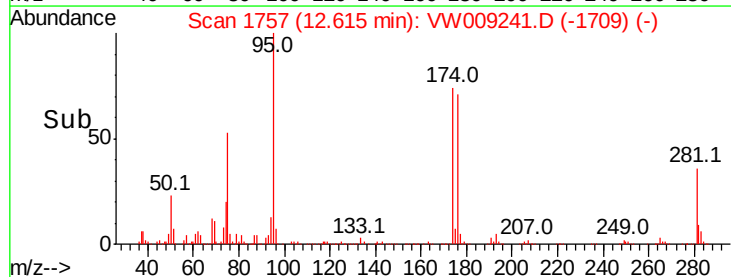
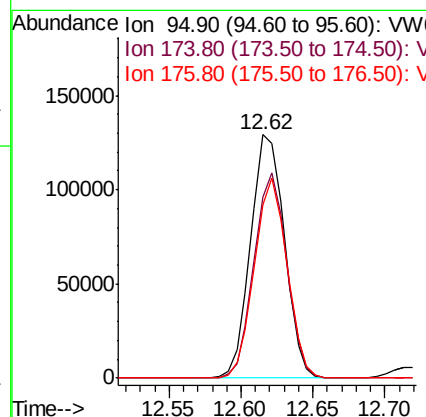
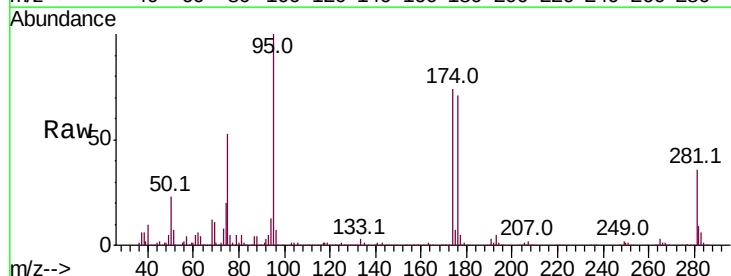
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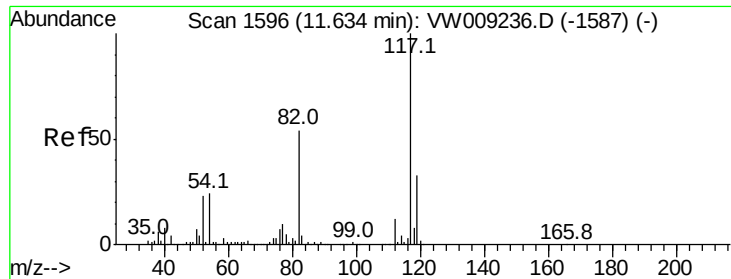
MMDadoda
 3/22/2019 3:53:07 AM



#62
 4-Bromofluorobenzene
 Concen: 49.116 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VW009241.D
 Acq: 19 Mar 2019 15:12

Tgt Ion: 95 Resp: 210364
 Ion Ratio Lower Upper
 95 100
 174 81.4 0.0 168.4
 176 79.4 0.0 161.6





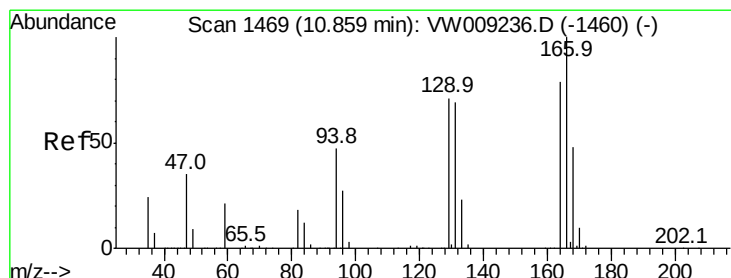
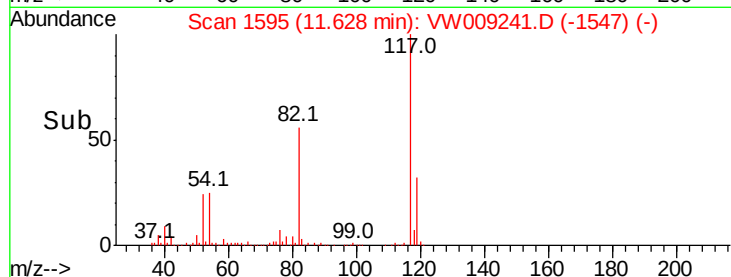
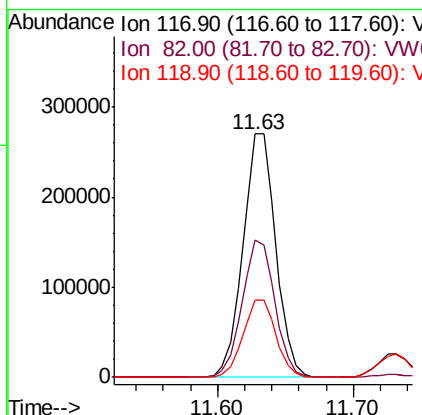
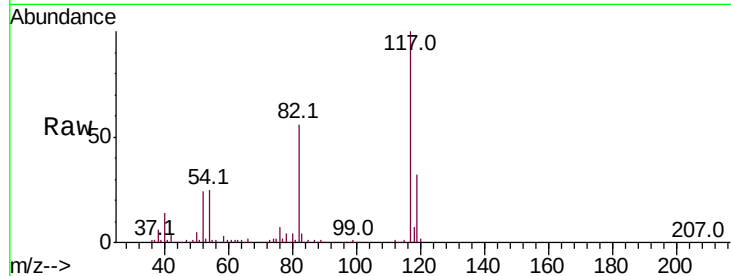
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW009241.D
Acq: 19 Mar 2019 15:12

Instrument :
MSVOA_W
ClientSampleId :
VW0319SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.4	43.6	65.4
119	31.5	26.0	39.0

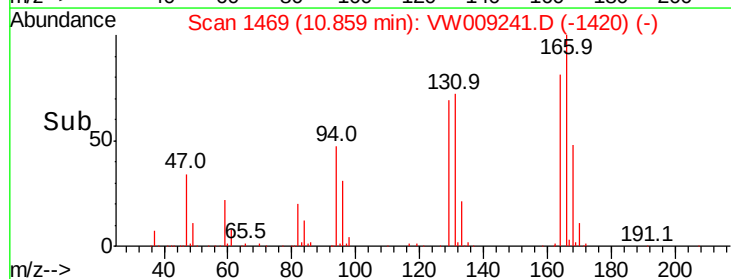
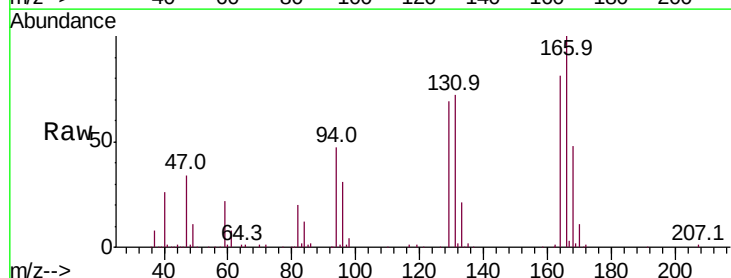
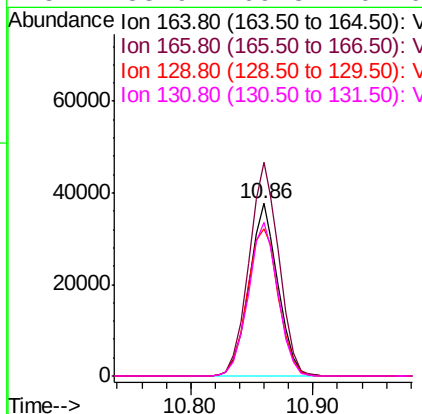
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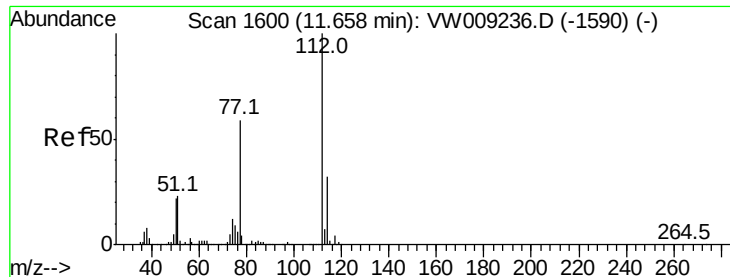
MMDadoda
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#64
Tetrachloroethene
Concen: 19.825 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW009241.D
Acq: 19 Mar 2019 15:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.7	100.9	151.3
129	85.3	72.0	108.0
131	88.9	69.8	104.6





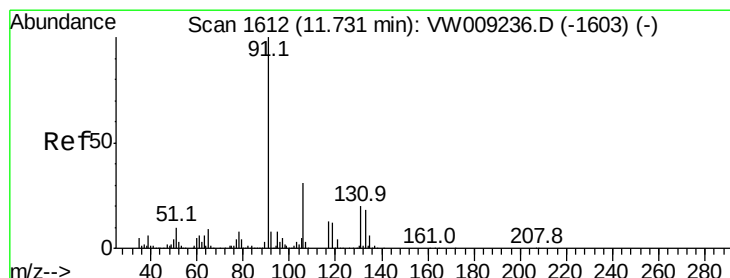
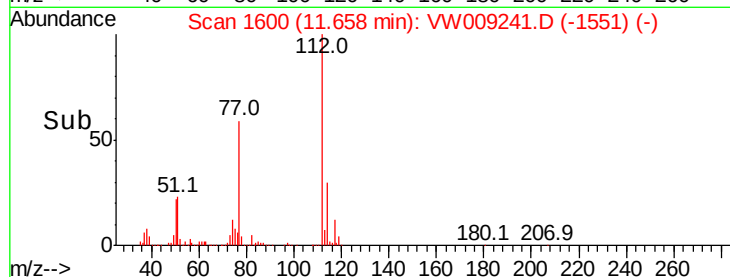
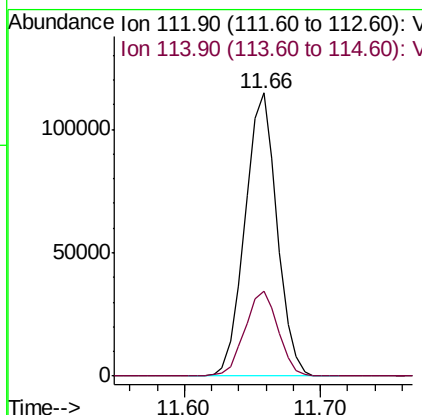
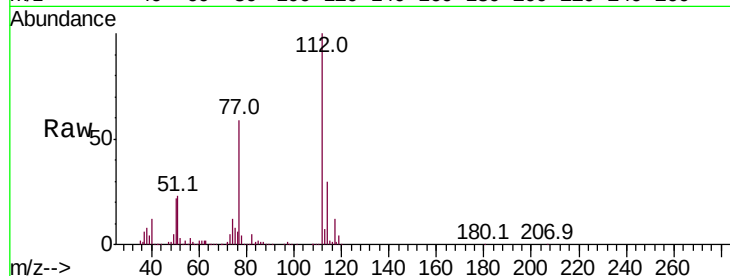
#65
Chlorobenzene
Concen: 20.095 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW009241.D
Acq: 19 Mar 2019 15:12

Instrument :
MSVOA_W
ClientSampleId :
VW0319SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	29.9	25.6	38.4

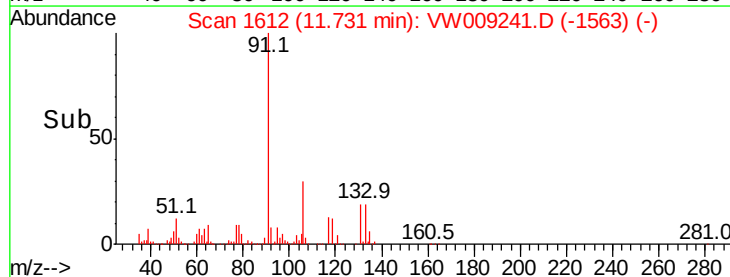
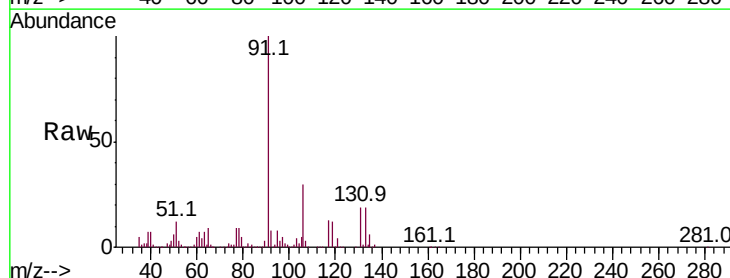
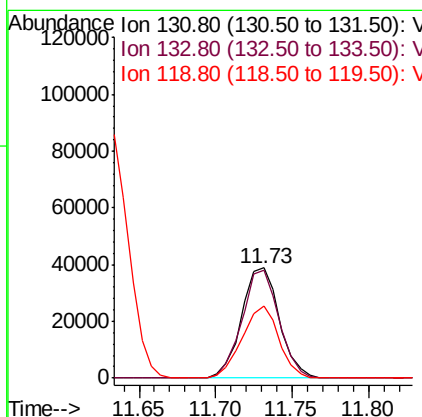
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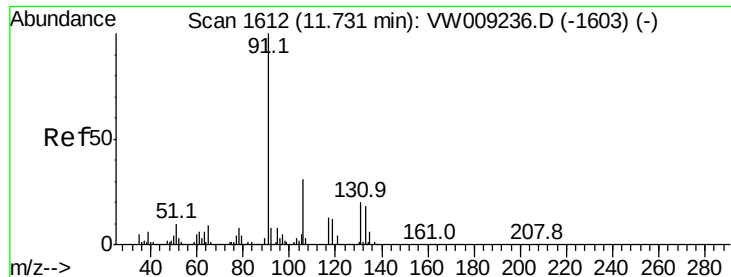
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.036 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW009241.D
Acq: 19 Mar 2019 15:12

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.6	47.3	141.8
119	63.6	31.6	95.0





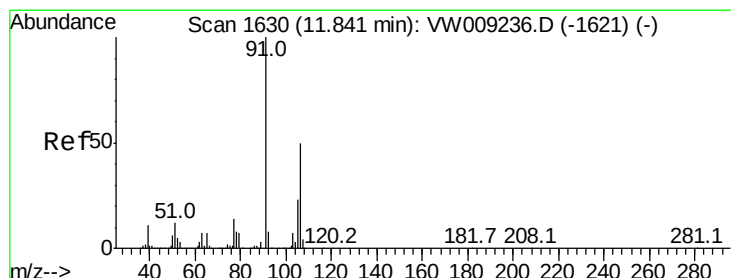
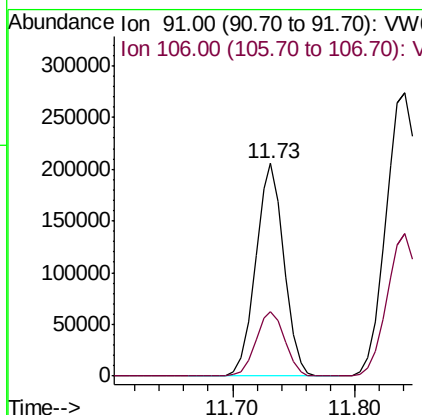
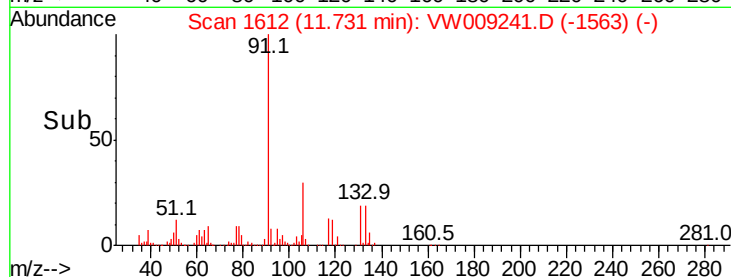
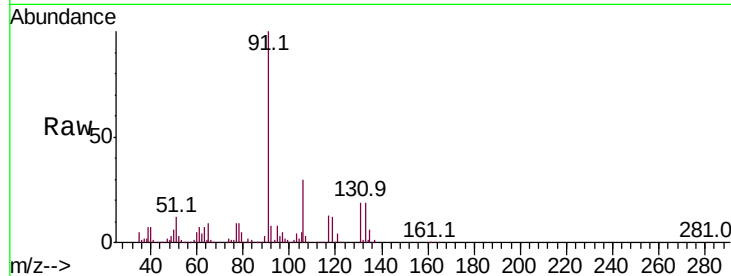
#67
Ethyl Benzene
Concen: 20.219 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW009241.D
Acq: 19 Mar 2019 15:12

Instrument :
MSVOA_W
ClientSampleId :
VW0319SBS01

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
106	30.1	24.6	36.8	

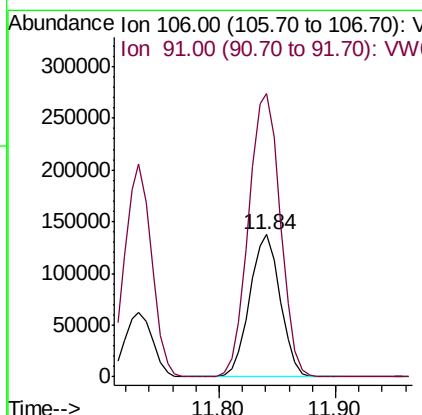
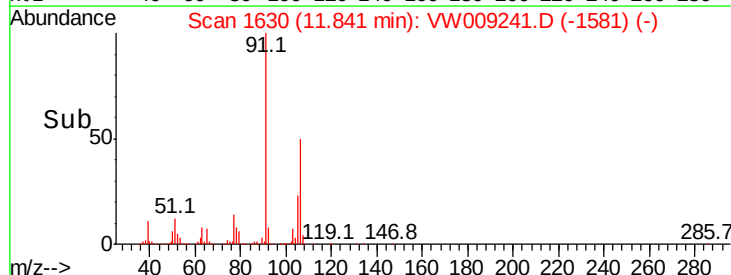
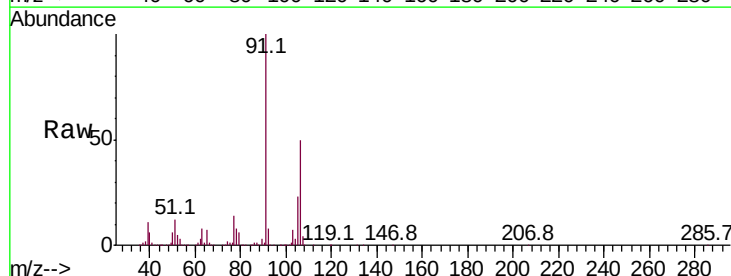
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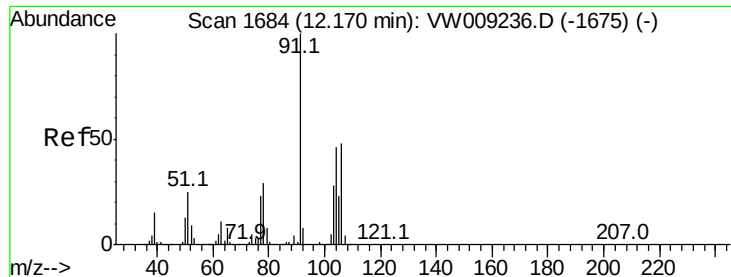
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3/22/2019 3:53:07 AM



#68
m/p-Xylenes
Concen: 39.836 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW009241.D
Acq: 19 Mar 2019 15:12

Tgt Ion	Ion	Ratio	Lower	Upper
106	100			
91	207.5	163.1	244.7	





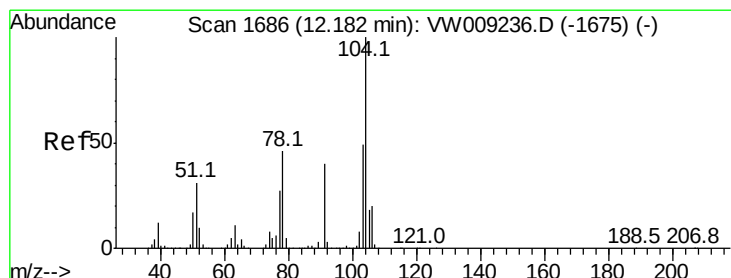
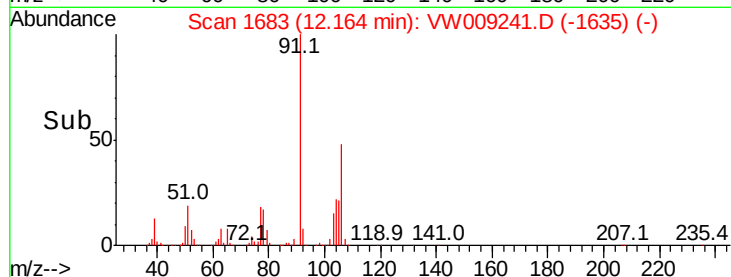
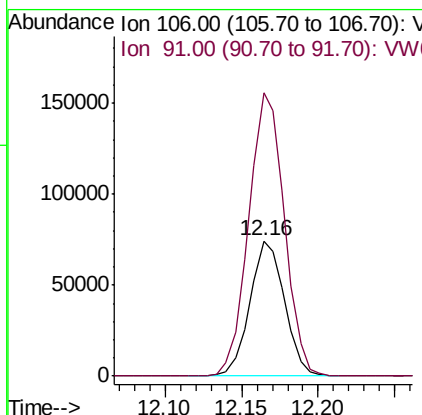
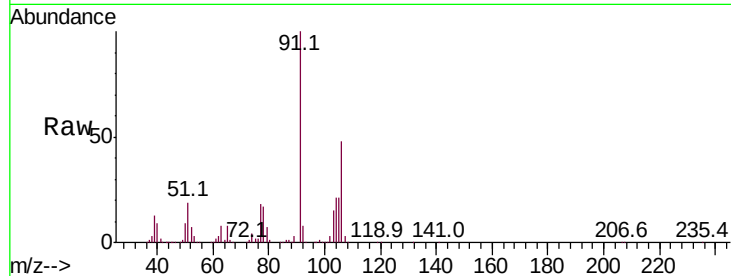
#69
o-Xylene
Concen: 19.990 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW009241.D
Acq: 19 Mar 2019 15:12

Instrument :
MSVOA_W
ClientSampleId :
VW0319SBS01

Tot Ion:106 Resp: 117257
Ion Ratio Lower Upper
106 100
91 215.7 108.6 325.8

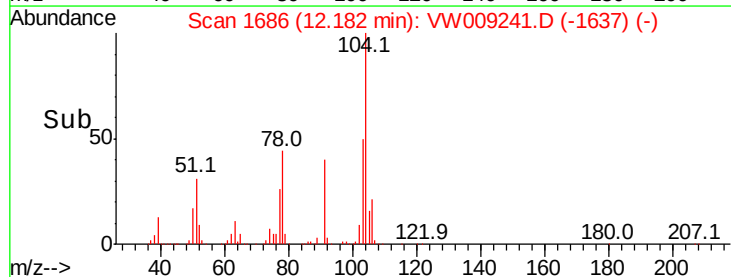
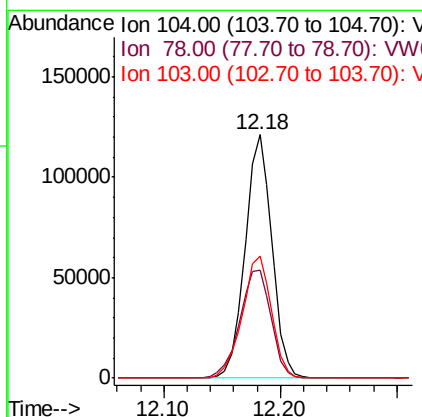
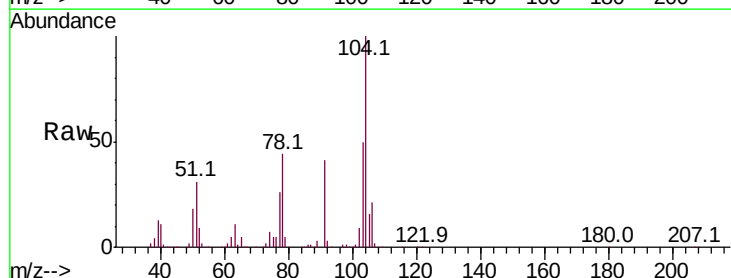
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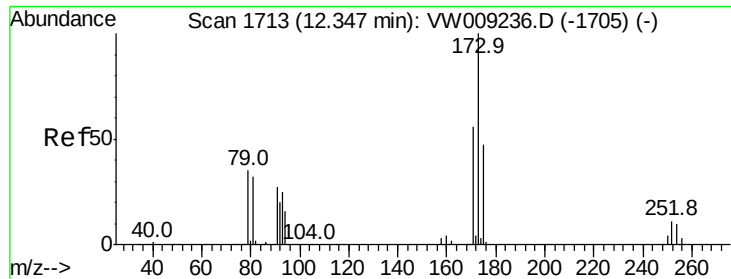
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#70
Styrene
Concen: 20.147 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW009241.D
Acq: 19 Mar 2019 15:12

Tgt Ion:104 Resp: 194842
Ion Ratio Lower Upper
104 100
78 51.8 42.2 63.4
103 54.5 44.6 66.8





#71

Bromoform

Concen: 18.366 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW009241.D

Acq: 19 Mar 2019 15:12

Instrument :

MSVOA_W

ClientSampleId :

VW0319SBS01

Tot Ion:173 Resp: 35255

Ion Ratio Lower Upper

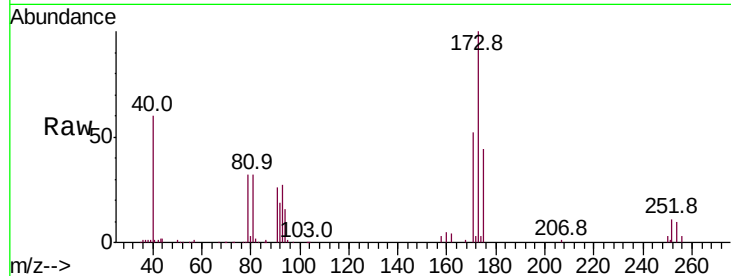
173 100

175 46.6 24.1 72.4

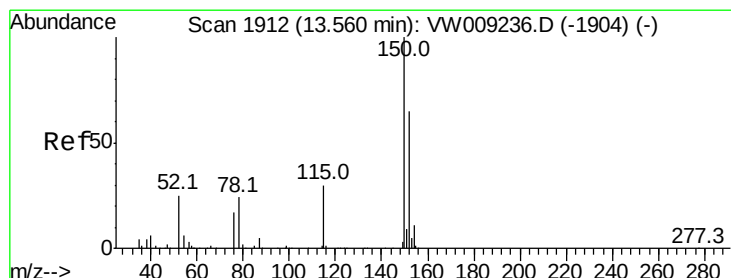
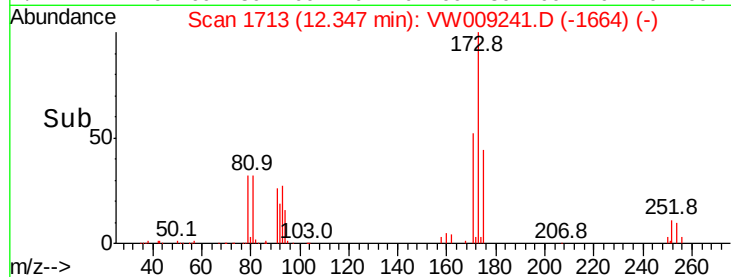
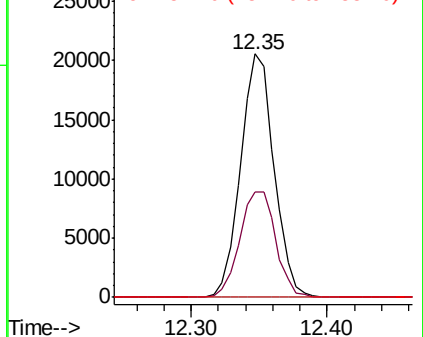
254 0.1 0.2 0.4#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW009241.D

Acq: 19 Mar 2019 15:12

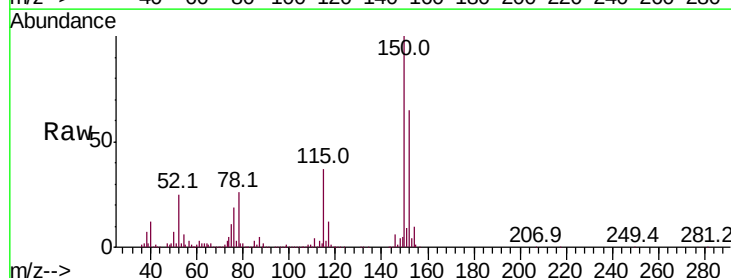
Tgt Ion:152 Resp: 253971

Ion Ratio Lower Upper

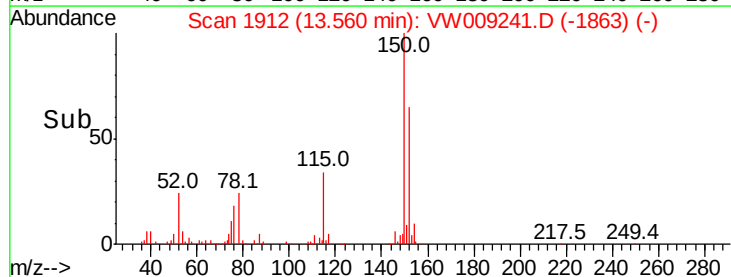
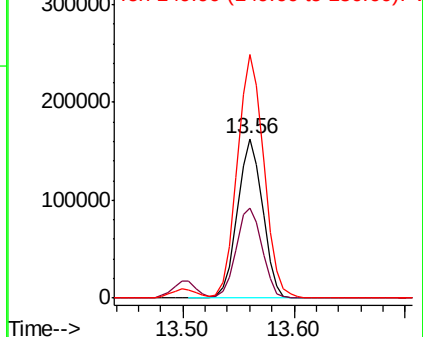
152 100

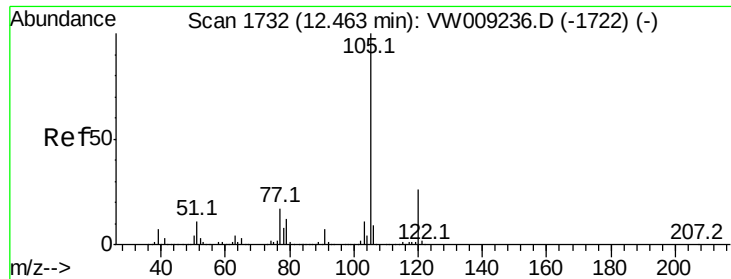
115 58.2 29.6 88.8

150 161.8 0.0 349.2



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





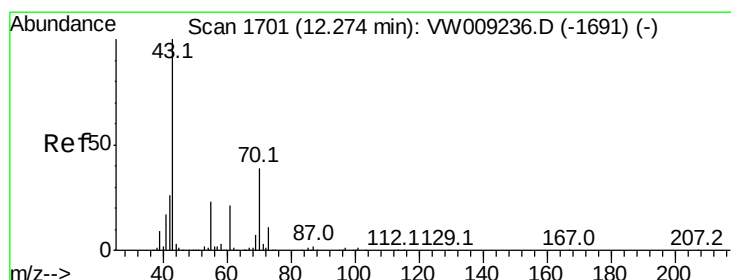
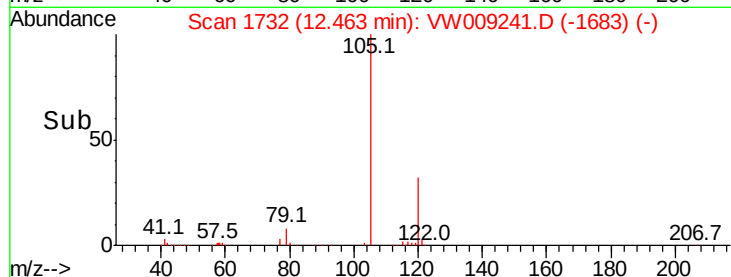
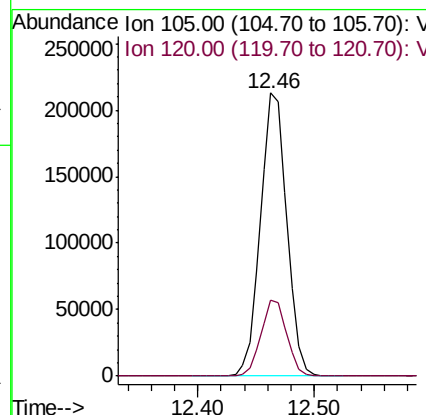
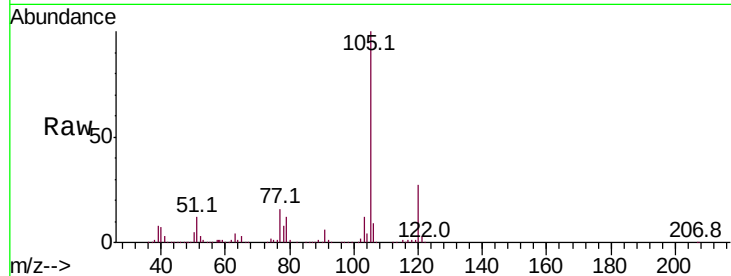
#73
Isopropylbenzene
Concen: 19.826 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW009241.D
Acq: 19 Mar 2019 15:12

Instrument :
MSVOA_W
ClientSampleId :
VW0319SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	336555		
120	26.2		13.0	39.0

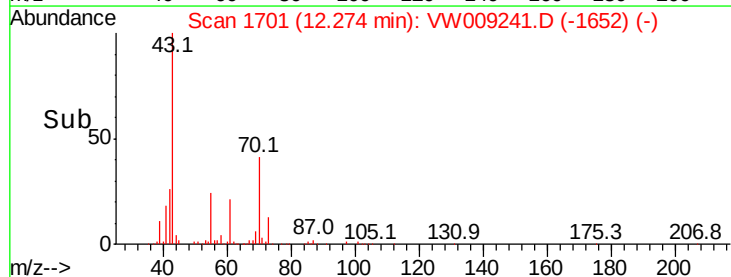
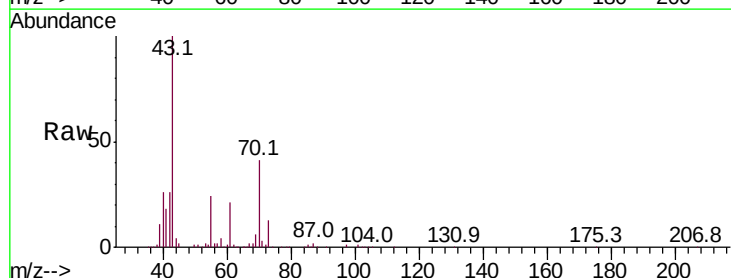
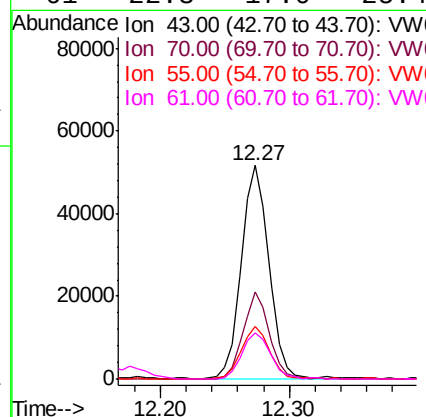
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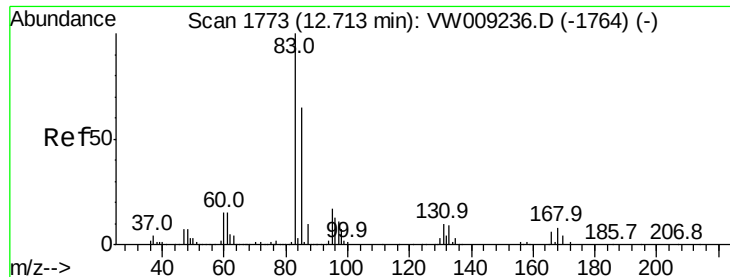
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#74
N-ethyl acetate
Concen: 17.385 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW009241.D
Acq: 19 Mar 2019 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	76982		
70	38.5		30.6	46.0
55	25.5		19.3	28.9
61	22.3		17.0	25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 17.486 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW009241.D

Acq: 19 Mar 2019 15:12

Instrument :

MSVOA_W

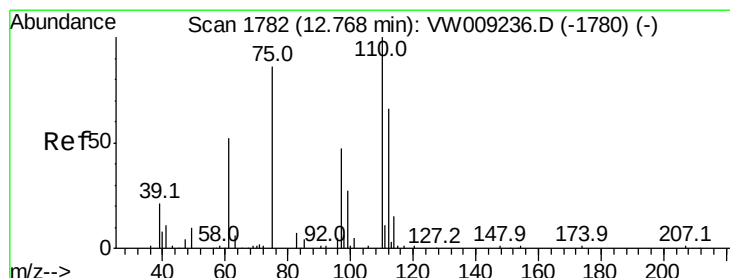
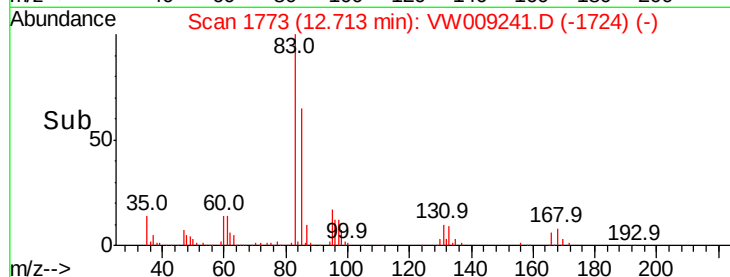
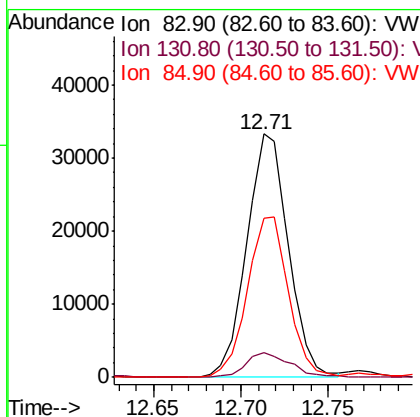
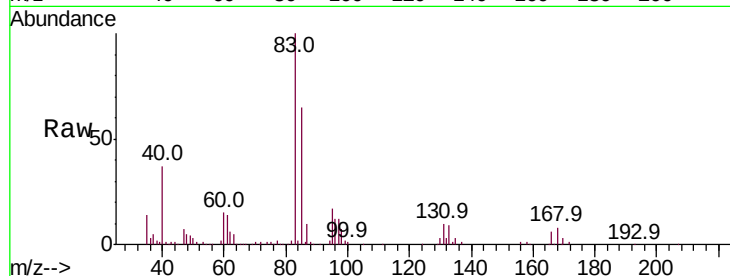
ClientSampleId :

VW0319SBS01

Tot Ion:	83	Resp:	55524
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.3	16.1
85	65.1	32.6	97.8

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#76

1,2,3-Trichloropropane

Concen: 16.849 ug/l m

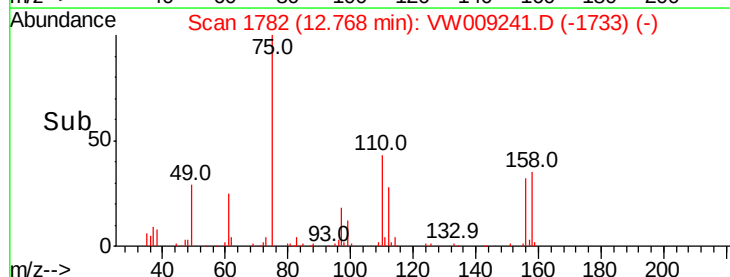
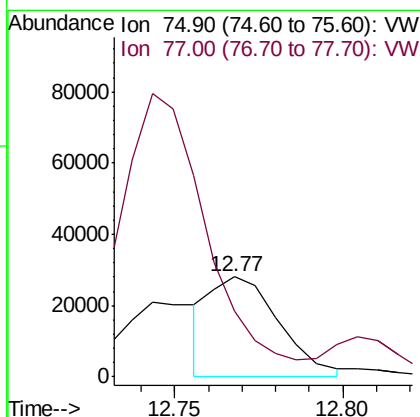
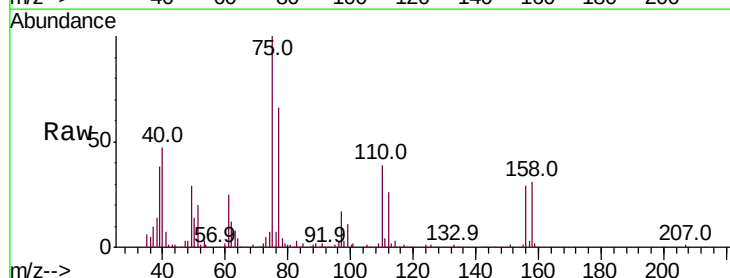
RT: 12.77 min Scan# 1782

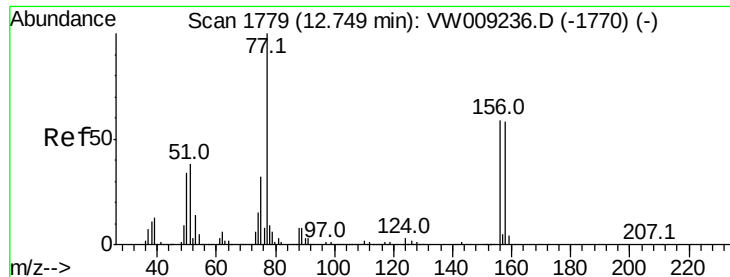
Delta R.T. -0.00 min

Lab File: VW009241.D

Acq: 19 Mar 2019 15:12

Tgt Ion:	75	Resp:	40213
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.966 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW009241.D

Acq: 19 Mar 2019 15:12

Instrument :

MSVOA_W

ClientSampled :

VW0319SBS01

Tot Ion:156 Resp: 76262

Ion Ratio Lower Upper

156 100

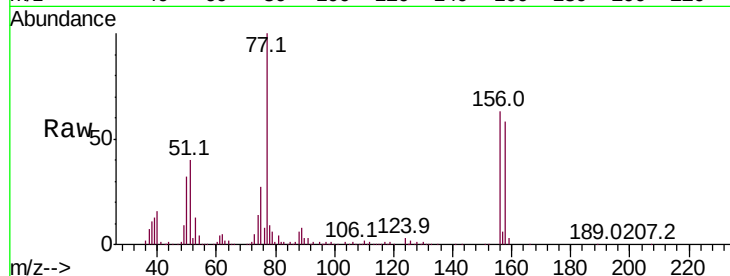
77 188.4 96.0 288.0

158 98.2 49.1 147.3

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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V

100000

80000

60000

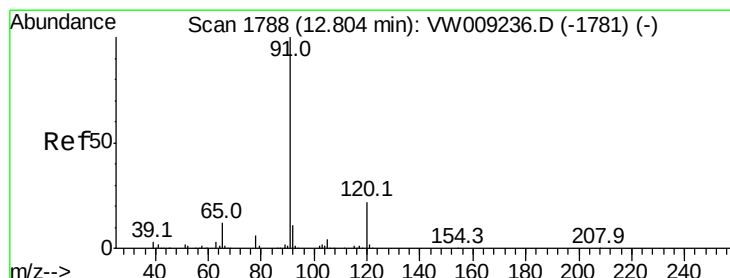
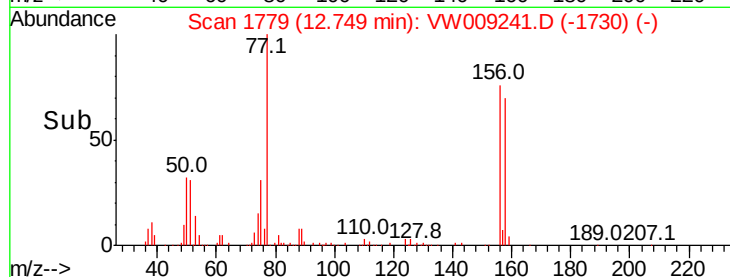
40000

20000

0

12.70 12.75 12.80

Time-->



#78

n-propylbenzene

Concen: 19.863 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW009241.D

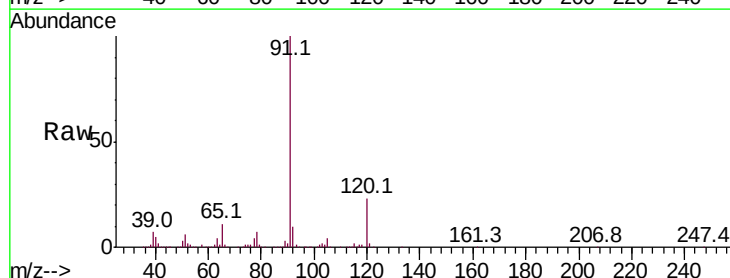
Acq: 19 Mar 2019 15:12

Tgt Ion: 91 Resp: 414107

Ion Ratio Lower Upper

91 100

120 22.2 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

300000

250000

200000

150000

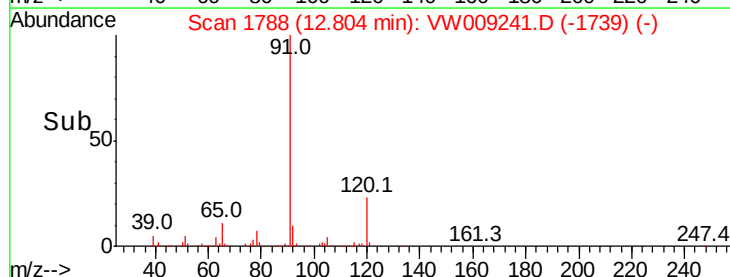
100000

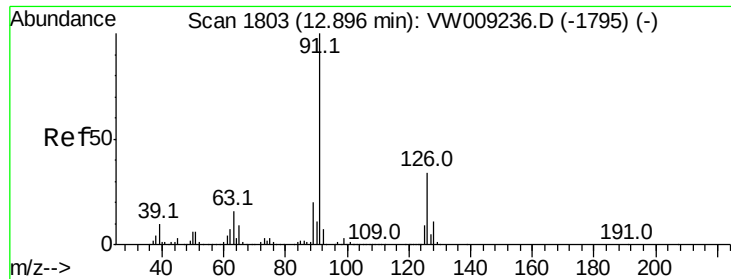
50000

0

12.75 12.80 12.85

Time-->





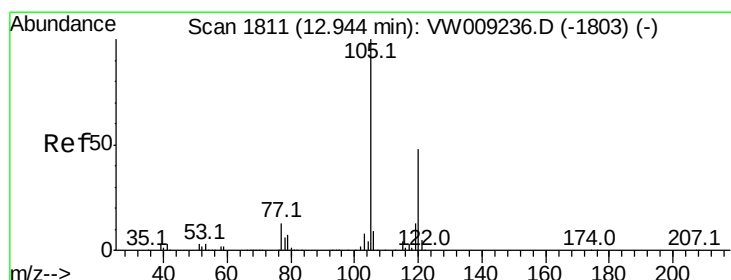
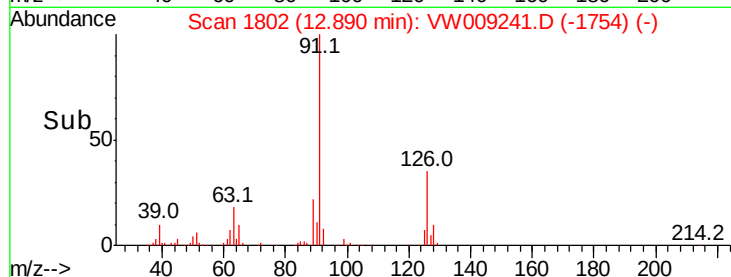
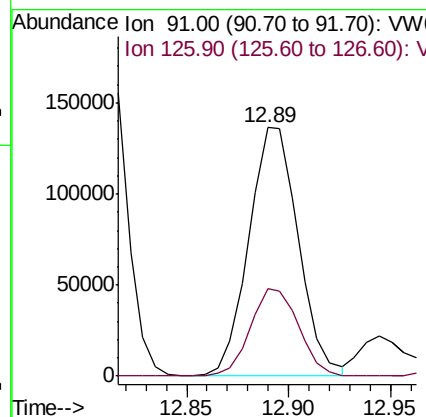
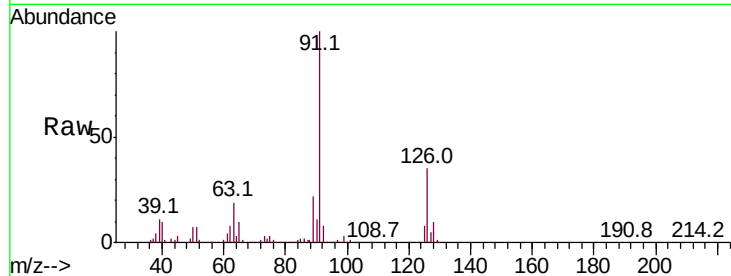
#79
2-Chlorotoluene
Concen: 19.447 ug/l
RT: 12.89 min Scan# 1802
Delta R.T. -0.01 min
Lab File: VW009241.D
Acq: 19 Mar 2019 15:12

Instrument :
MSVOA_W
ClientSampleId :
VW0319SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	34.6	17.0	51.0

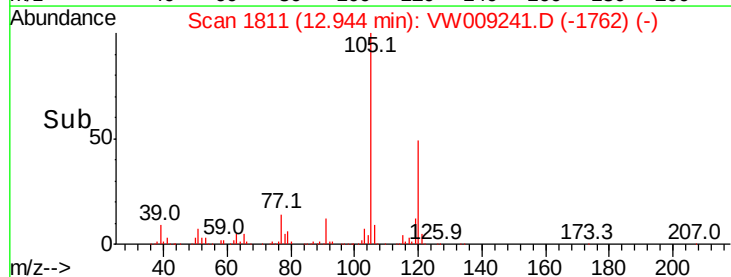
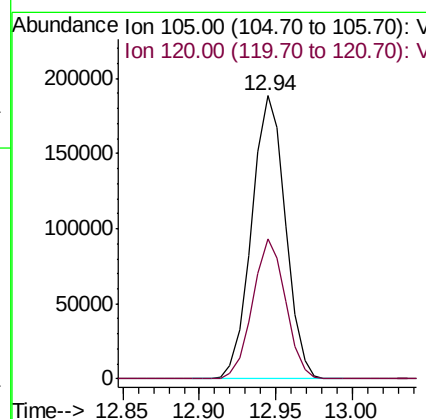
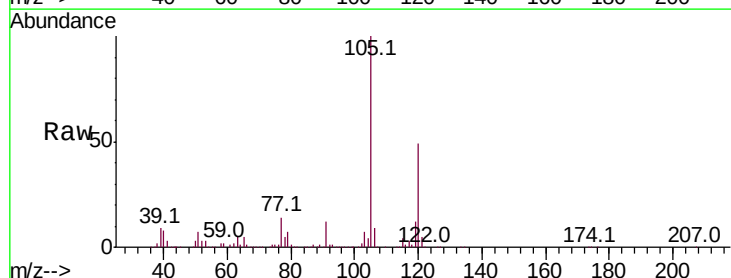
Manual Integrations
APPROVED

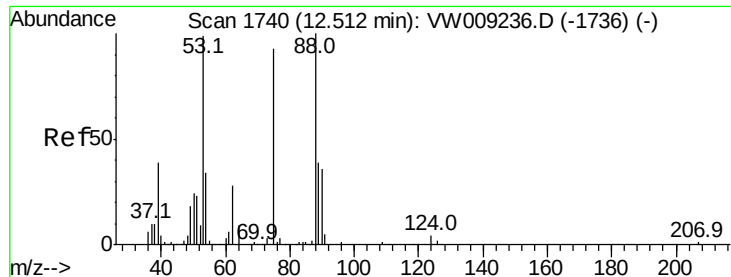
MMDadoda
3/22/2019 3:53:07 AM



#80
1,3,5-Trimethylbenzene
Concen: 20.021 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW009241.D
Acq: 19 Mar 2019 15:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.4	24.6	74.0





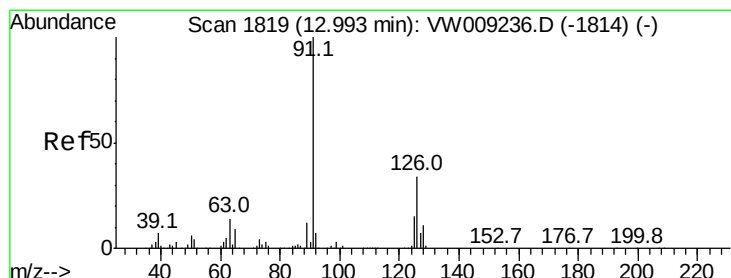
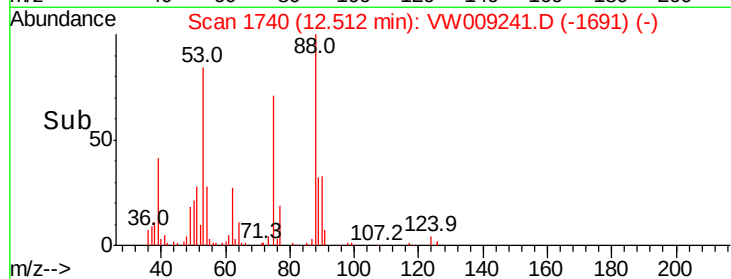
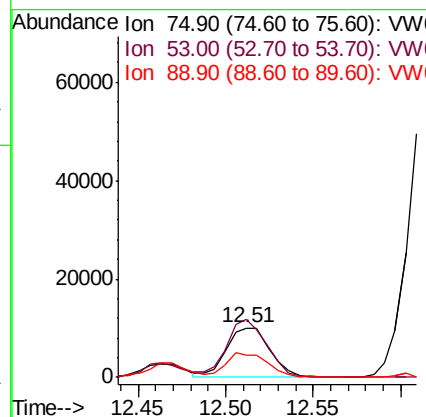
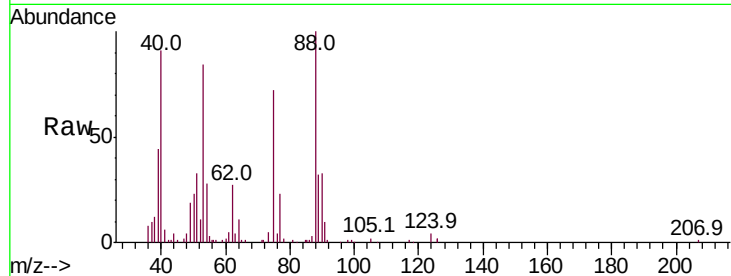
#81
trans-1,4-Dichloro-2-butene
Concen: 17.938 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW009241.D
Acq: 19 Mar 2019 15:12

Instrument :
MSVOA_W
ClientSampleId :
VW0319SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	108.9	86.7	130.1
89	47.8	36.4	54.6

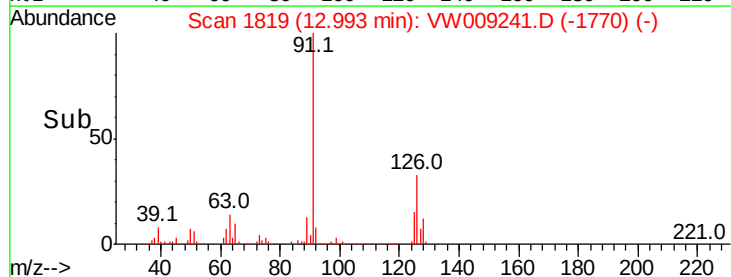
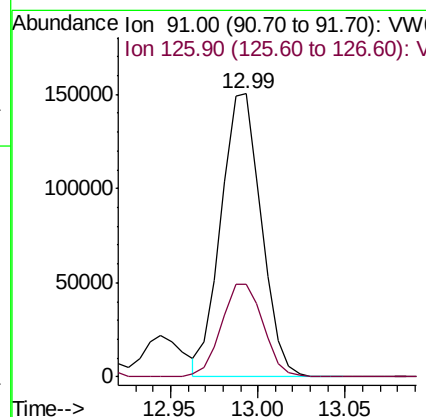
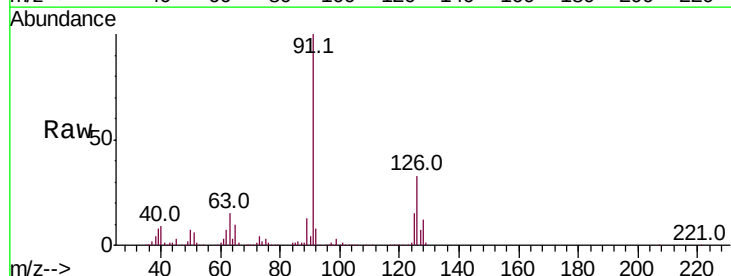
Manual Integrations
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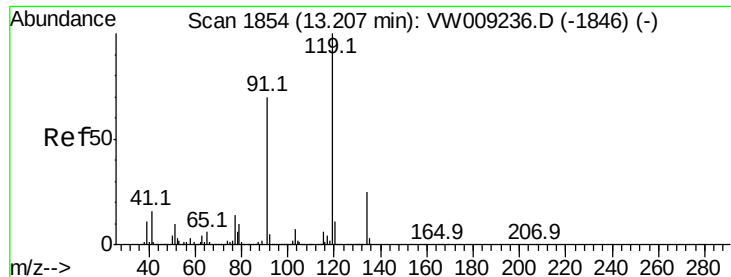
MMDadoda
3/22/2019 3:53:07 AM



#82
4-Chlorotoluene
Concen: 19.321 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW009241.D
Acq: 19 Mar 2019 15:12

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.2	16.9	50.6





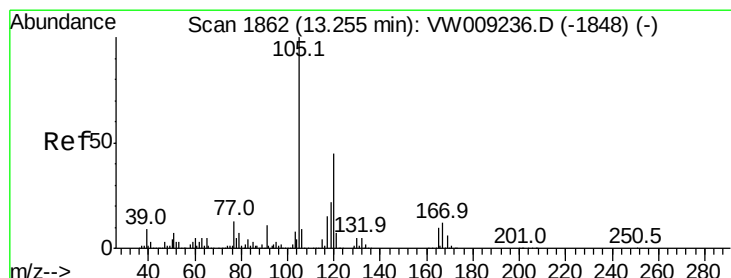
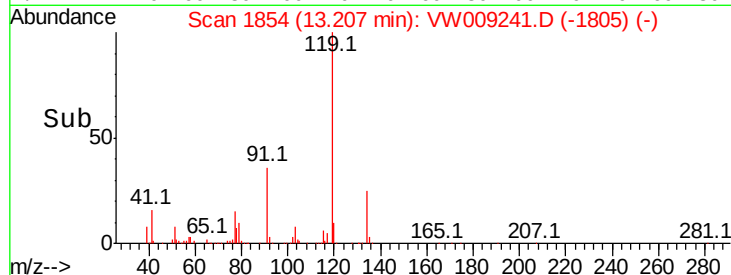
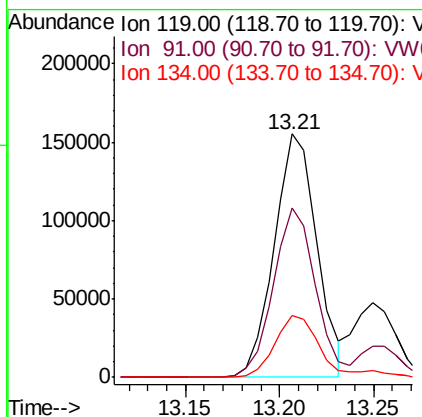
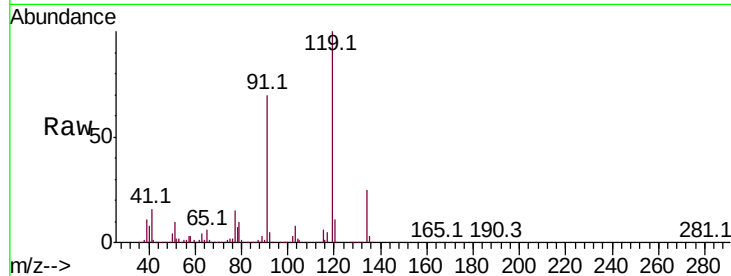
#83
 tert-Butylbenzene
 Concen: 19.788 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW009241.D
 Acq: 19 Mar 2019 15:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0319SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.1	34.4	103.2
134	25.5	12.7	38.1

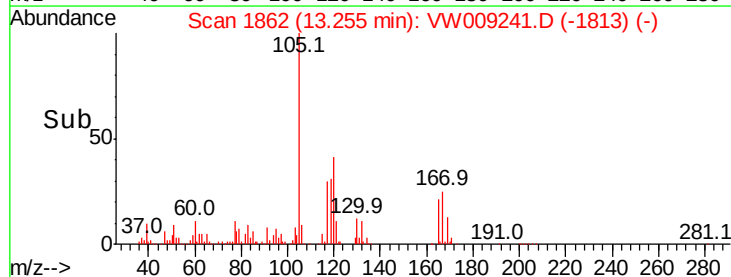
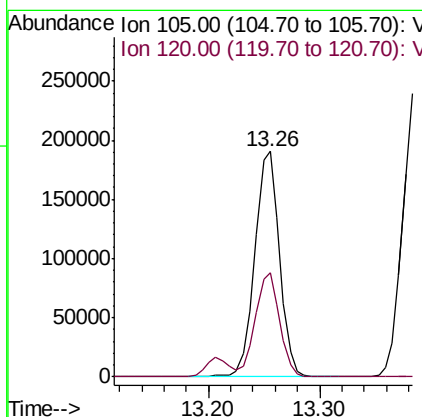
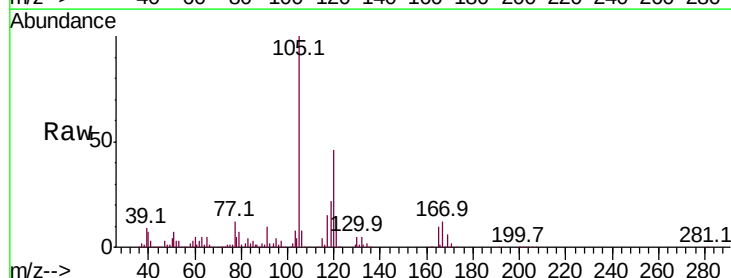
Manual Integrations
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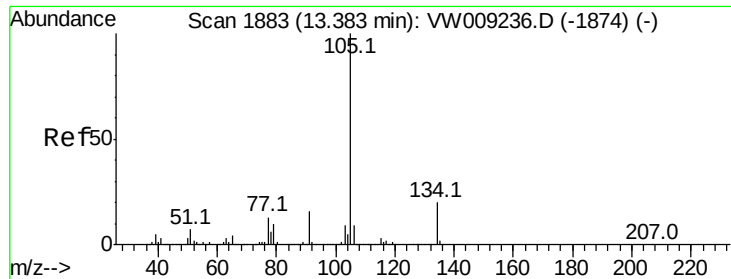
MMDadoda
 3/22/2019 3:53:07 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 19.851 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW009241.D
 Acq: 19 Mar 2019 15:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.8	68.3





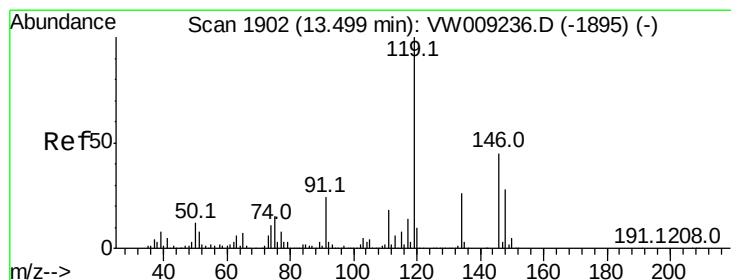
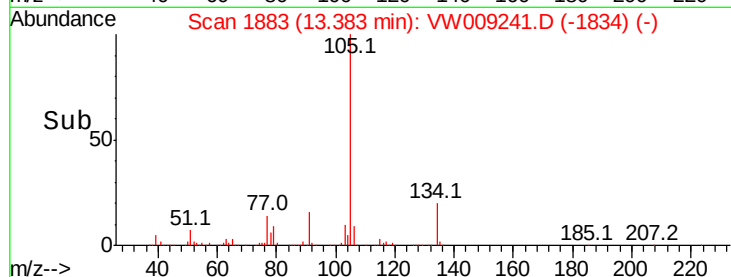
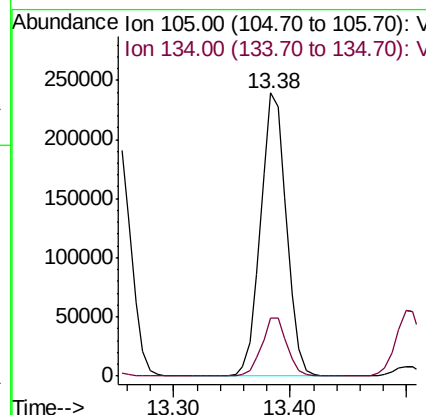
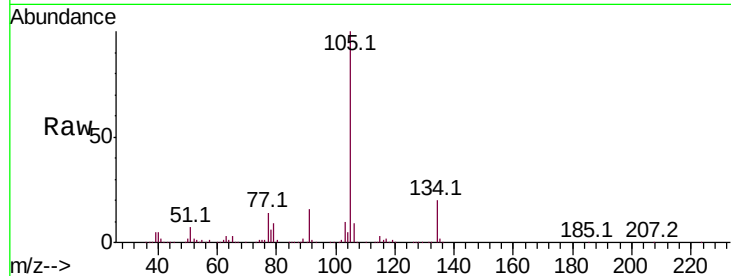
#85
 sec-Butylbenzene
 Concen: 20.306 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW009241.D
 Acq: 19 Mar 2019 15:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0319SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.2	30.6

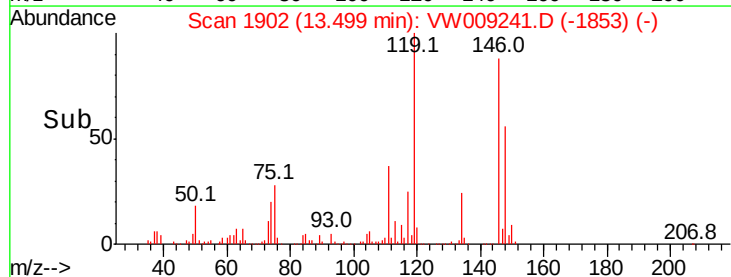
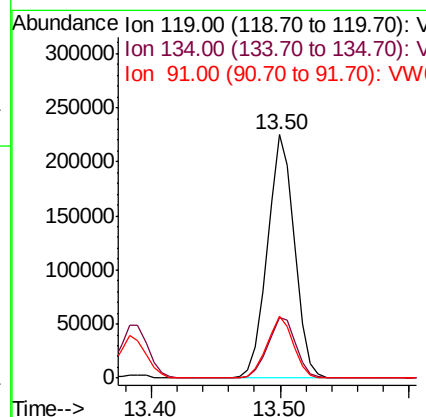
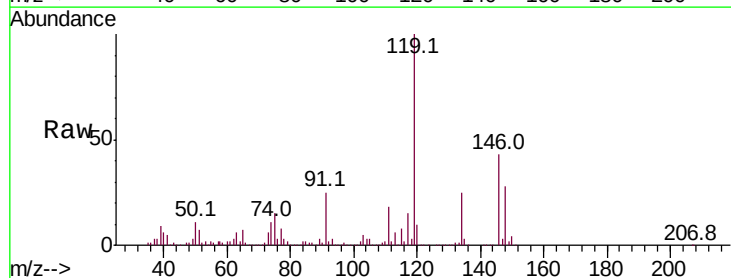
Manual Integrations
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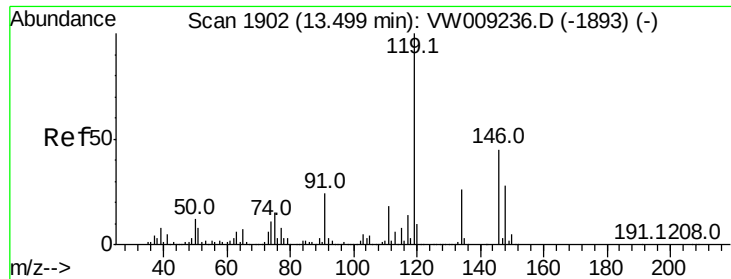
MMDadoda
 3/22/2019 3:53:07 AM



#86
 p-Isopropyltoluene
 Concen: 20.151 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW009241.D
 Acq: 19 Mar 2019 15:12

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.9	13.1	39.3
91	24.7	12.3	36.8





#87

1,3-Dichlorobenzene

Concen: 19.311 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW009241.D

Acq: 19 Mar 2019 15:12

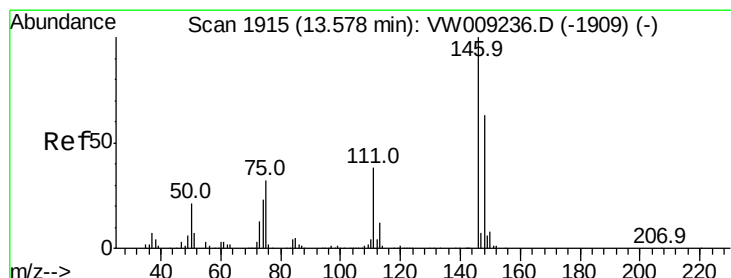
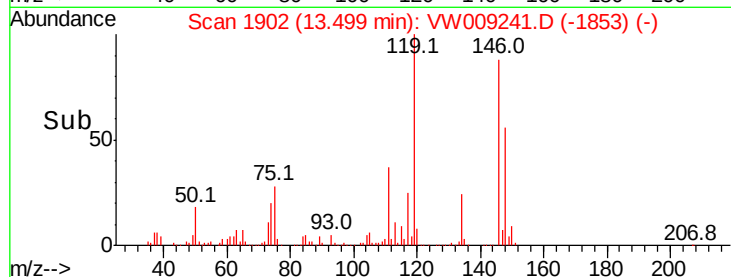
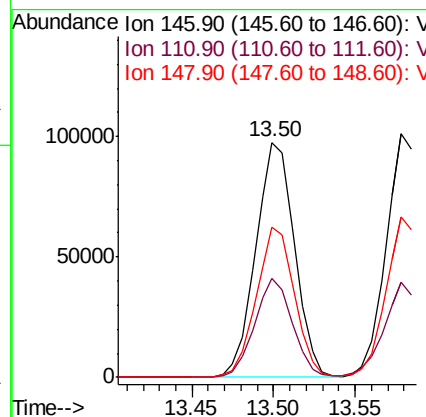
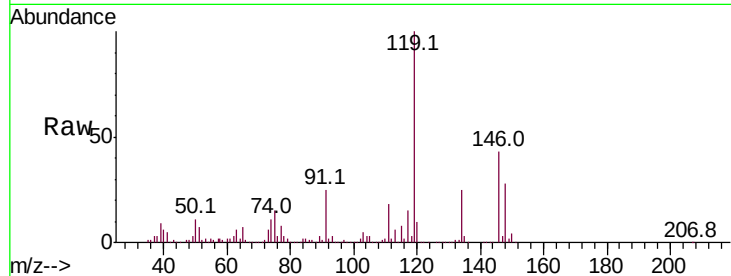
Instrument :
MSVOA_W

ClientSampleId :
VW0319SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	160679		
111	40.7	20.1	60.2	
148	62.7	31.4	94.3	

Manual Integrations
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MMDadoda
3/22/2019 3:53:07 AM



#88

1,4-Dichlorobenzene

Concen: 19.373 ug/l

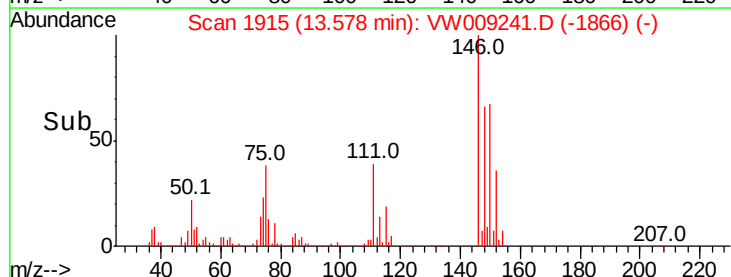
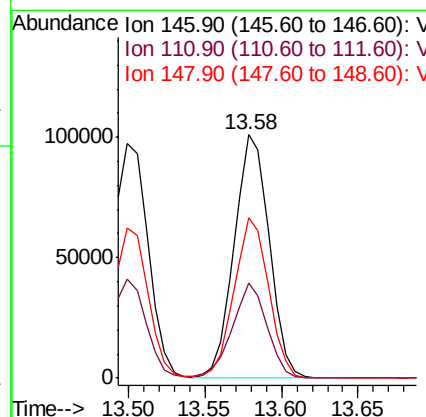
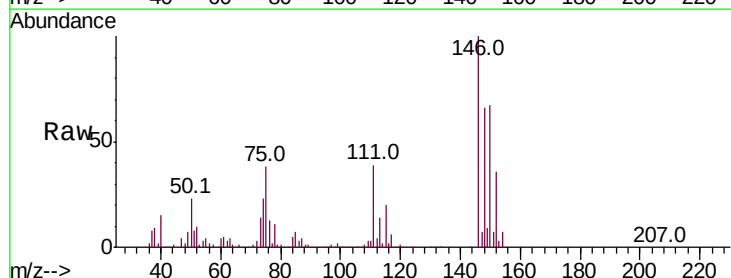
RT: 13.58 min Scan# 1915

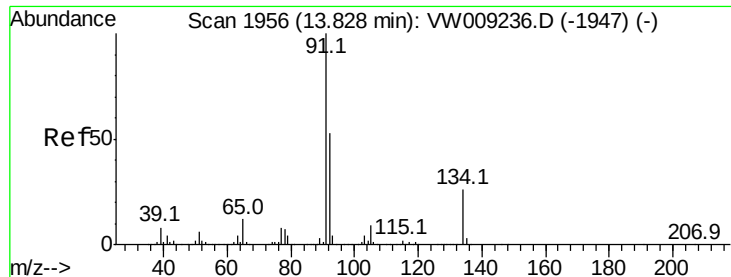
Delta R.T. -0.00 min

Lab File: VW009241.D

Acq: 19 Mar 2019 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	160498		
111	39.1	19.9	59.6	
148	65.0	32.2	96.6	





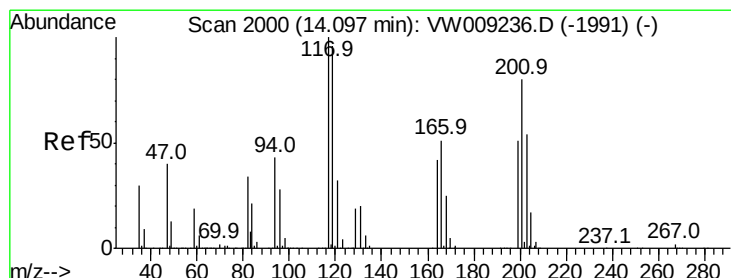
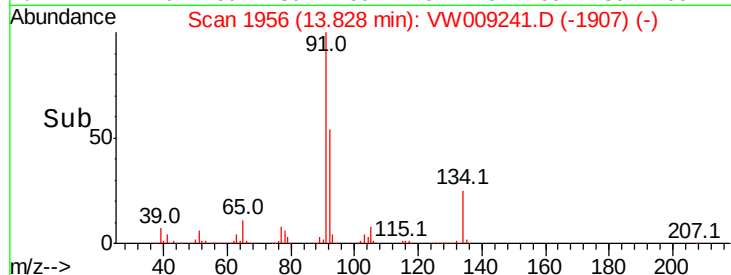
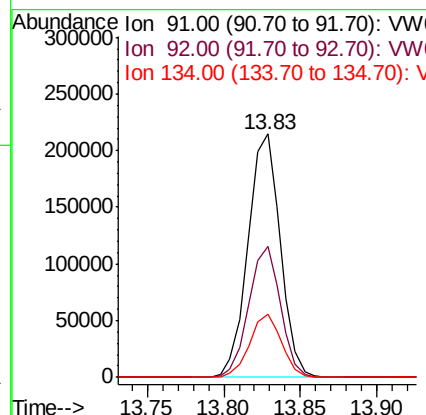
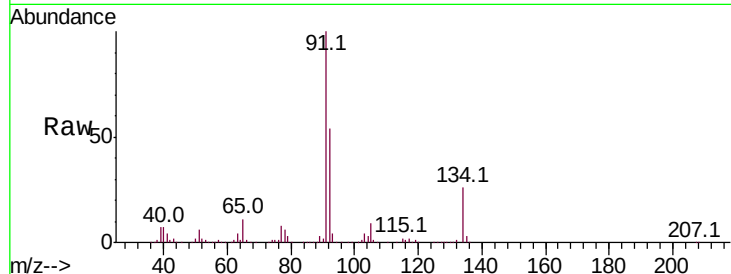
#89
n-Butylbenzene
Concen: 20.190 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW009241.D
Acq: 19 Mar 2019 15:12

Instrument :
MSVOA_W
ClientSampleId :
VW0319SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.1	26.4	79.0	
134	25.5	12.9	38.6	

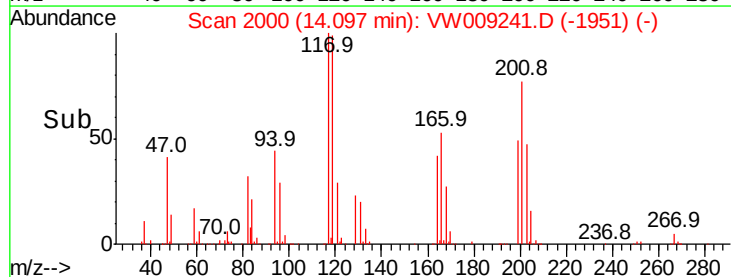
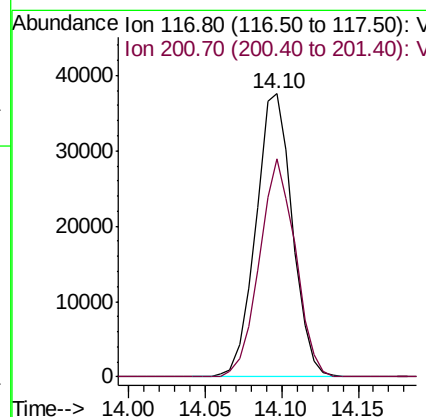
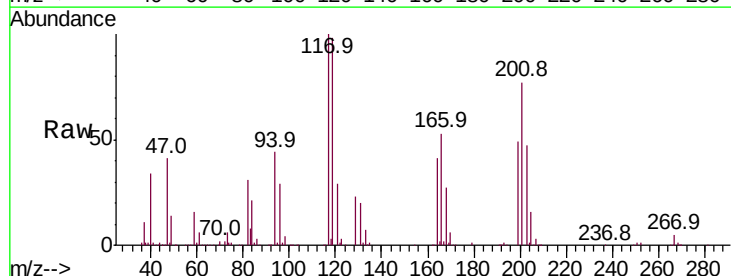
Manual Integrations
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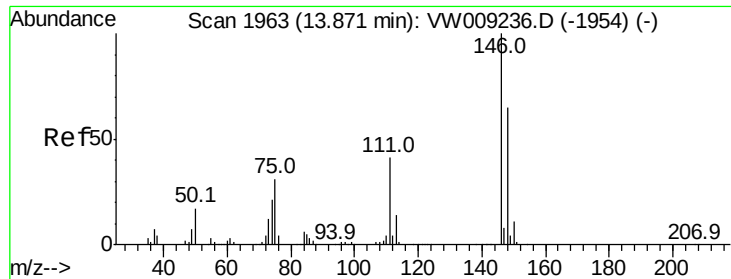
MMDadoda
3/22/2019 3:53:07 AM



#90
Hexachloroethane
Concen: 19.439 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW009241.D
Acq: 19 Mar 2019 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	76.1	38.2	114.6	





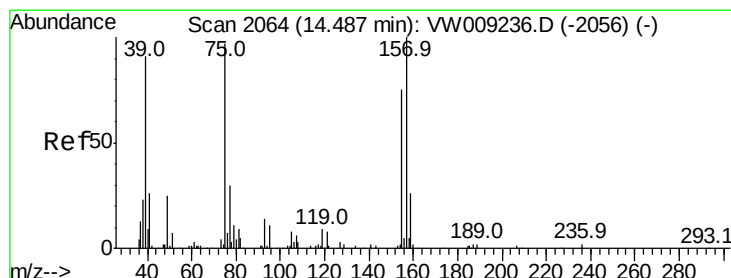
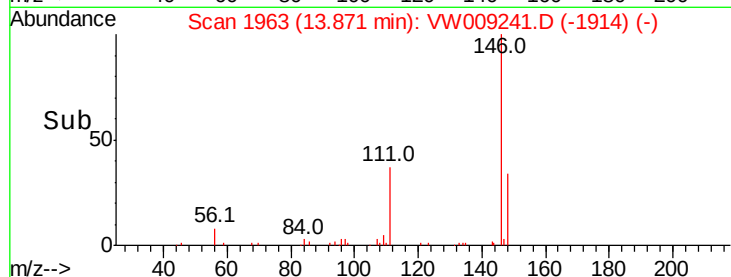
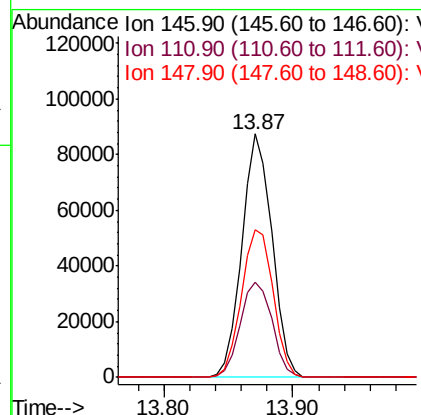
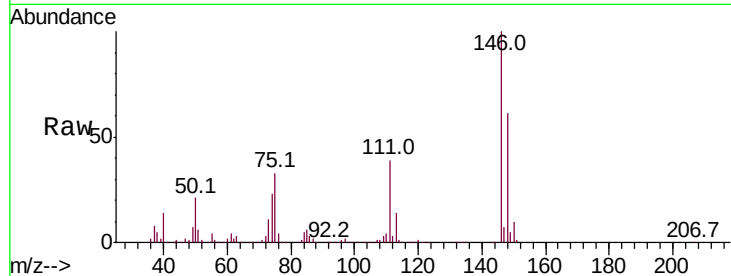
#91
 1,2-Dichlorobenzene
 Concen: 18.952 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW009241.D
 Acq: 19 Mar 2019 15:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0319SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	141403		
111	41.4	20.4	61.2	
148	63.7	31.9	95.9	

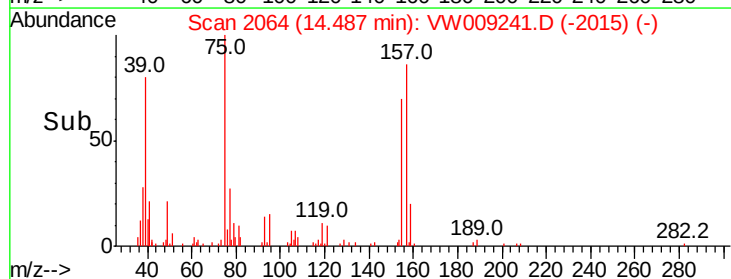
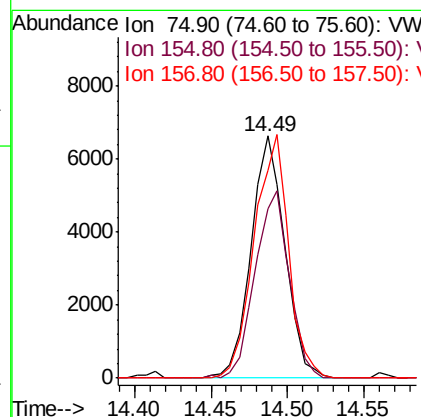
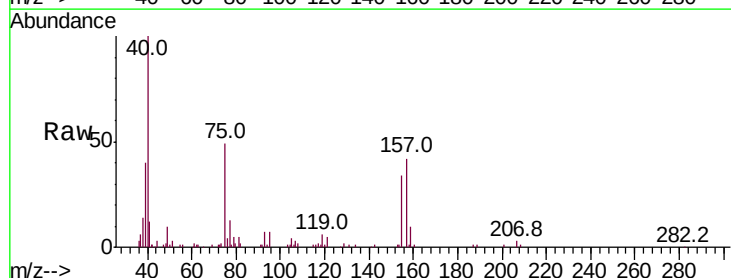
Manual Integrations
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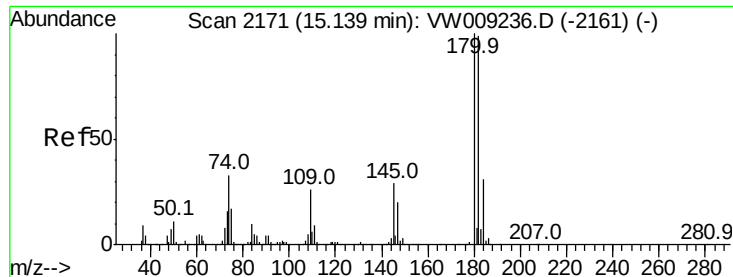
MMDadoda
 3/22/2019 3:53:07 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.941 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW009241.D
 Acq: 19 Mar 2019 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	10201		
155	78.3	39.3	117.8	
157	102.1	49.5	148.5	





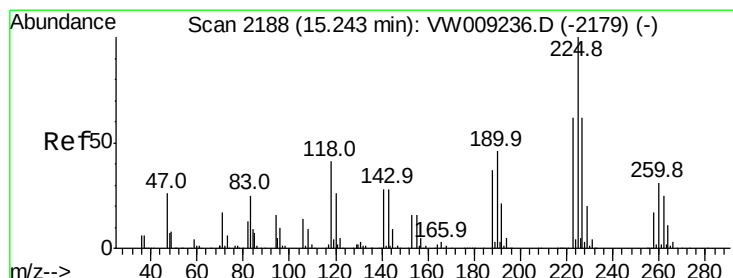
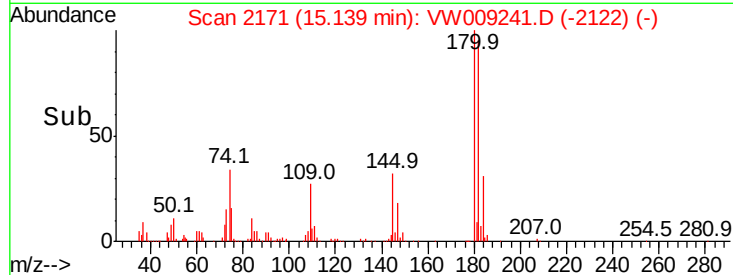
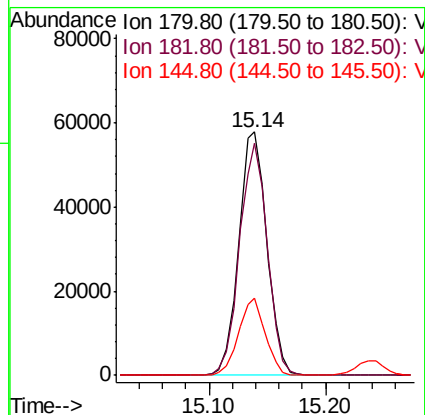
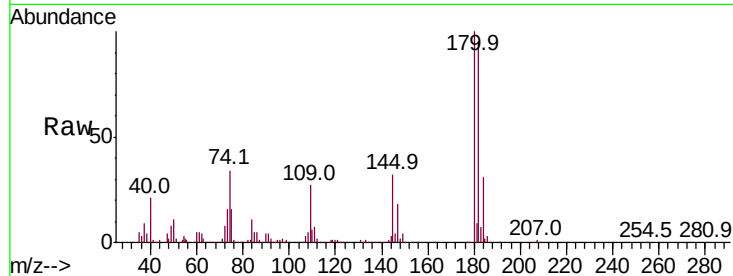
#93
 1,2,4-Trichlorobenzene
 Concen: 19.447 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW009241.D
 Acq: 19 Mar 2019 15:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0319SBS01

Tot Ion:	180	Resp:	97445
Ion Ratio	Lower	Upper	
180	100		
182	93.7	47.9	143.7
145	29.9	15.0	45.0

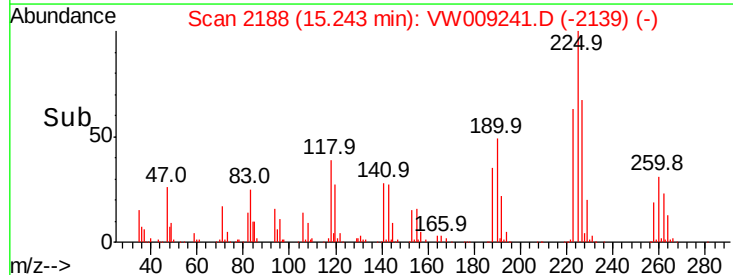
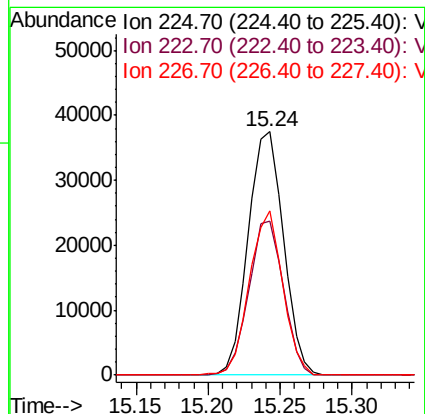
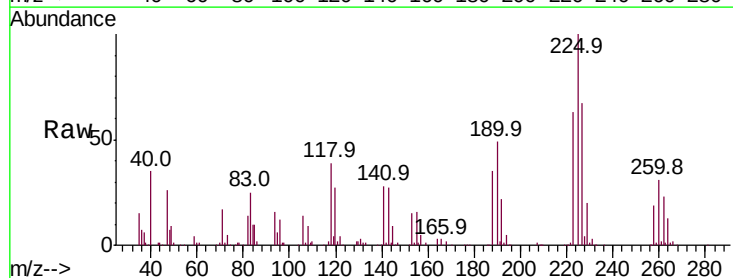
Manual Integrations
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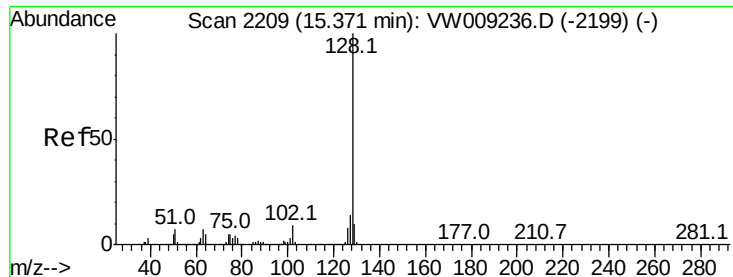
MMDadoda
 3/22/2019 3:53:07 AM



#94
 Hexachlorobutadiene
 Concen: 19.932 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW009241.D
 Acq: 19 Mar 2019 15:12

Tgt Ion:	225	Resp:	63522
Ion Ratio	Lower	Upper	
225	100		
223	62.0	31.4	94.3
227	63.7	32.1	96.5





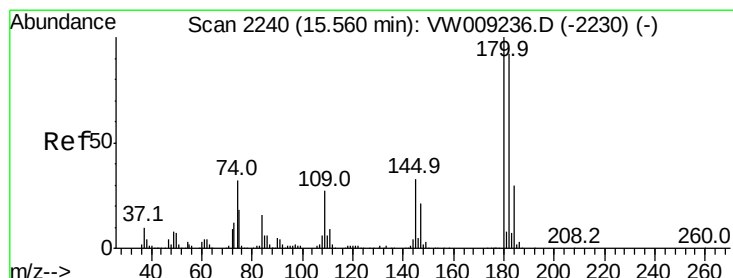
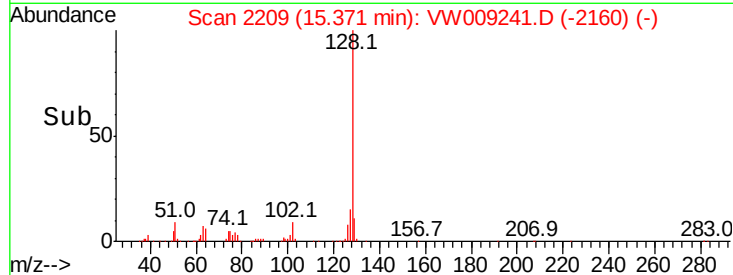
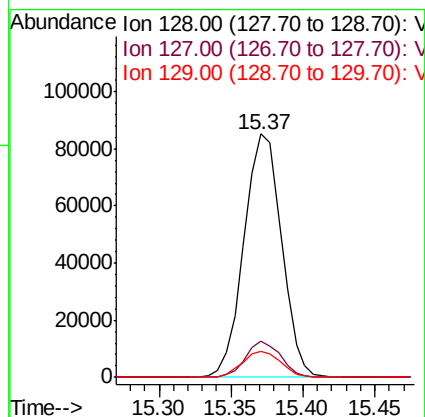
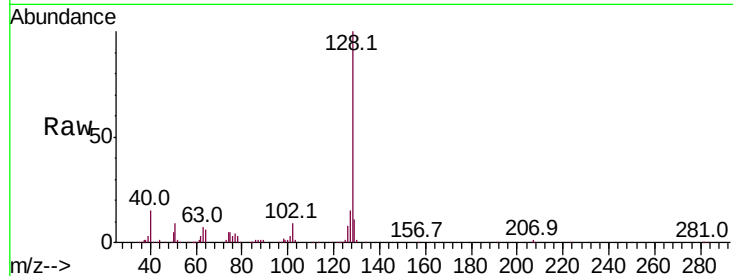
#95
Naphthalene
Concen: 17.789 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW009241.D
Acq: 19 Mar 2019 15:12

Instrument :
MSVOA_W
ClientSampleId :
VW0319SBS01

Tot Ion:	128	Resp:	154440
Ion Ratio	Lower	Upper	
128	100		
127	13.9	10.8	16.2
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
3/22/2019 3:53:07 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.049 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW009241.D
Acq: 19 Mar 2019 15:12

Tgt Ion:	180	Resp:	85204
Ion Ratio	Lower	Upper	
180	100		
182	96.1	47.3	141.9
145	32.5	16.0	48.0

