

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
 Data File : VW007203.D
 Acq On : 04 Dec 2018 23:44
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 12/5/2018 12:44:20 PM

Quant Time: Dec 05 07:29:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 04 14:18:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	104435	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	169945	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	157638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	78678	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	52840	54.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.68%	
35) Dibromofluoromethane	7.89	113	50596	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	
50) Toluene-d8	10.33	98	222700	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
62) 4-Bromofluorobenzene	12.62	95	85050	52.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	48480	42.429	ug/l	100
3) Chloromethane	2.22	50	62418	43.137	ug/l	98
4) Vinyl Chloride	2.36	62	41621	45.941	ug/l	100
5) Bromomethane	2.76	94	25014	55.099	ug/l	98
6) Chloroethane	2.92	64	24569	48.333	ug/l	96
7) Trichlorofluoromethane	3.26	101	79037	44.747	ug/l	100
8) Diethyl Ether	3.68	74	24594	49.953	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	48009	44.994	ug/l	99
10) Methyl Iodide	4.28	142	44224	48.654	ug/l	100
11) Tert butyl alcohol	5.17	59	25179	273.039	ug/l	99
12) 1,1-Dichloroethene	4.04	96	45410	45.413	ug/l	99
13) Acrolein	3.90	56	19845	291.278	ug/l	99
14) Allyl chloride	4.68	41	75205	46.921	ug/l	99
15) Acrylonitrile	5.38	53	56729	275.617	ug/l	99
16) Acetone	4.13	43	51888	225.419	ug/l	99
17) Carbon Disulfide	4.38	76	153939	46.704	ug/l	99
18) Methyl Acetate	4.68	43	27435	52.216	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	122657	52.100	ug/l	99
20) Methylene Chloride	4.93	84	57754	49.802	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	52295	46.837	ug/l	97
22) Diisopropyl ether	6.32	45	149573	51.984	ug/l	97
23) Vinyl Acetate	6.26	43	413117	263.135	ug/l	98
24) 1,1-Dichloroethane	6.22	63	88662	48.077	ug/l	100
25) 2-Butanone	7.17	43	68371	256.234	ug/l	100
26) 2,2-Dichloropropane	7.17	77	77846	43.926	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	57940	48.408	ug/l	100
28) Bromochloromethane	7.51	49	34580	52.002	ug/l	100
29) Tetrahydrofuran	7.53	42	44935	272.516	ug/l	99
30) Chloroform	7.68	83	93608	48.841	ug/l	97
31) Cyclohexane	7.96	56	85433	44.276	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	86534	47.977	ug/l	100
36) 1,1-Dichloropropene	8.09	75	76352	46.173	ug/l	99
37) Ethyl Acetate	7.26	43	31188	52.141	ug/l	98
38) Carbon Tetrachloride	8.07	117	76400	45.267	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	99641	45.013	ug/l	98
40) Benzene	8.33	78	219464	48.400	ug/l	100
41) Methacrylonitrile	7.49	41	19287	53.833	ug/l	99
42) 1,2-Dichloroethane	8.40	62	60404	47.665	ug/l	98
43) Isopropyl Acetate	8.43	43	61165	52.650	ug/l	98
44) Trichloroethene	9.10	130	60688	47.614	ug/l	100
45) 1,2-Dichloropropane	9.37	63	50758	48.104	ug/l	94
46) Dibromomethane	9.46	93	26629	48.566	ug/l	98
47) Bromodichloromethane	9.65	83	68218	47.299	ug/l	94
48) Methyl methacrylate	9.44	41	31738	52.639	ug/l	97
49) 1,4-Dioxane	9.45	88	11138	1162.838	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	156344	273.090	ug/l	98
52) Toluene	10.39	92	150688	47.774	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	71147	49.065	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	81087	47.717	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	38865	49.832	ug/l	97
56) Ethyl methacrylate	10.65	69	55717	54.767	ug/l	98
57) 1,3-Dichloropropane	10.93	76	65317	49.605	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	110099	269.432	ug/l	100
59) 2-Hexanone	10.97	43	113111	272.547	ug/l	100
60) Dibromochloromethane	11.13	129	47570	49.627	ug/l	97
61) 1,2-Dibromoethane	11.24	107	38209	51.078	ug/l	100
64) Tetrachloroethene	10.87	164	55264	47.984	ug/l	96
65) Chlorobenzene	11.66	112	166357	47.252	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.73	131	51196	47.085	ug/l	98
67) Ethyl Benzene	11.73	91	289379	45.098	ug/l	98
68) m/p-Xylenes	11.84	106	222856	88.530	ug/l	95
69) o-Xylene	12.17	106	108201	46.006	ug/l	91
70) Styrene	12.18	104	183055	47.547	ug/l	99
71) Bromoform	12.35	173	28513	52.385	ug/l #	96
73) Isopropylbenzene	12.47	105	293183	45.816	ug/l	99
74) N-amyl acetate	12.27	43	60755	53.550	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	44501	53.546	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	27117m	22.935	ug/l	
77) Bromobenzene	12.75	156	65730	47.586	ug/l	99
78) n-propylbenzene	12.80	91	347432	45.572	ug/l	97
79) 2-Chlorotoluene	12.90	91	199138	46.256	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	246609	45.048	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.52	75	14084	49.828	ug/l	97
82) 4-Chlorotoluene	12.99	91	220677	48.183	ug/l	95
83) tert-Butylbenzene	13.21	119	216335	45.221	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	260061	46.539	ug/l	99
85) sec-Butylbenzene	13.39	105	313484	45.900	ug/l	98
86) p-Isopropyltoluene	13.51	119	279681	46.002	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	135123	47.653	ug/l	95
88) 1,4-Dichlorobenzene	13.58	146	132138	46.134	ug/l	97
89) n-Butylbenzene	13.83	91	247849	43.625	ug/l	99
90) Hexachloroethane	14.10	117	41710	45.020	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	118182	48.144	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8690	53.977	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	76070	44.716	ug/l	98
94) Hexachlorobutadiene	15.24	225	41077	44.777	ug/l	97
95) Naphthalene	15.38	128	153246	50.264	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	67110	46.784	ug/l	99

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

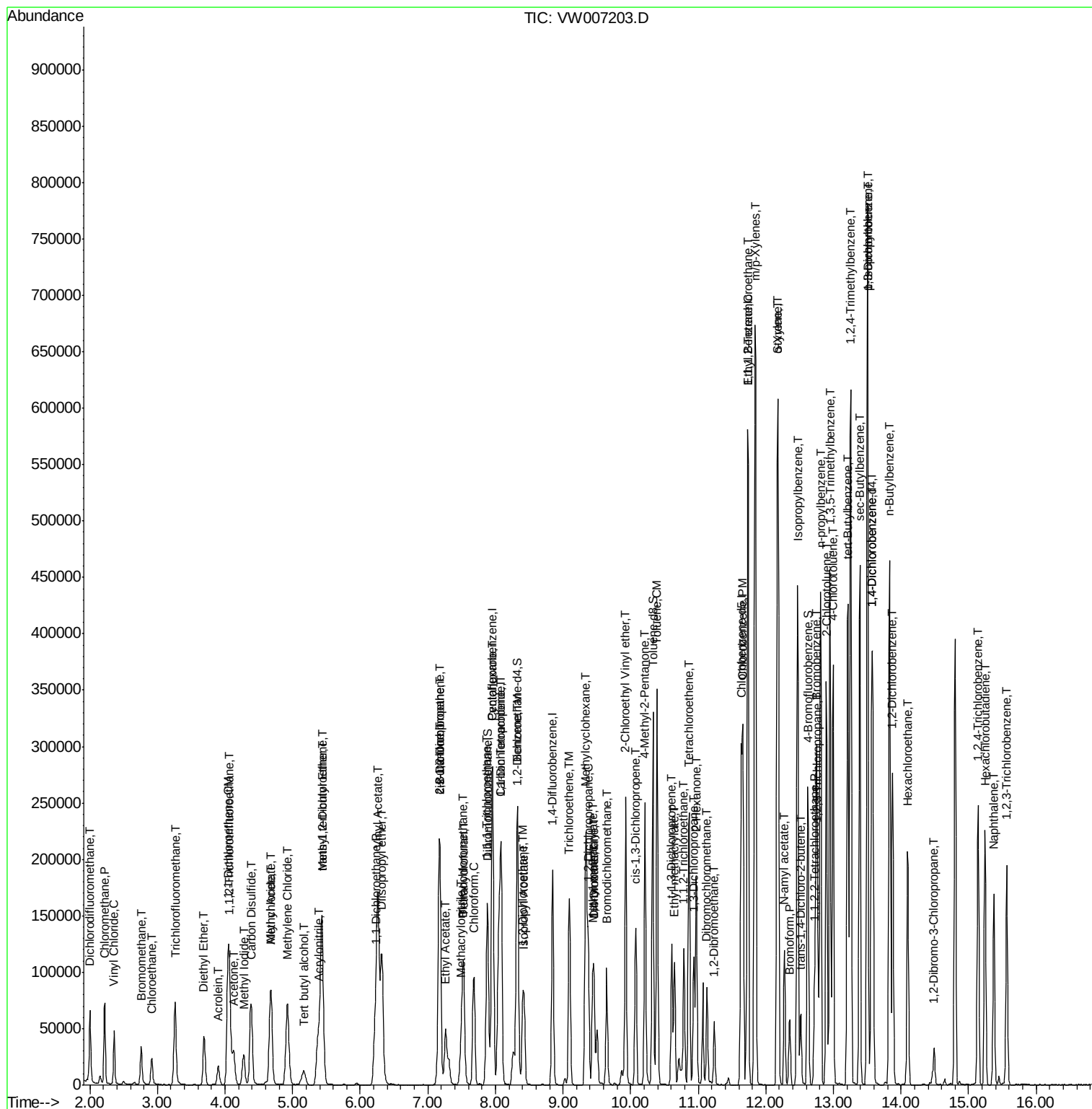
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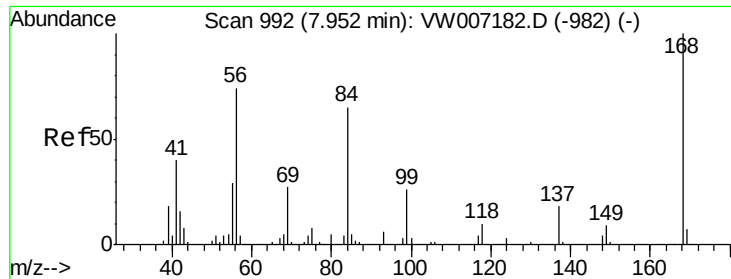
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007203.D

Acq: 04 Dec 2018 23:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 104435

Ion Ratio Lower Upper

168 100

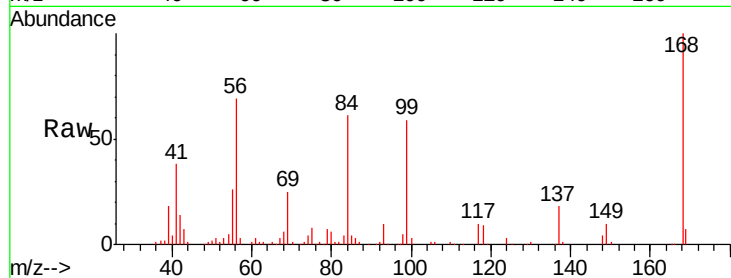
99 59.2 47.8 71.8

Manual Integrations

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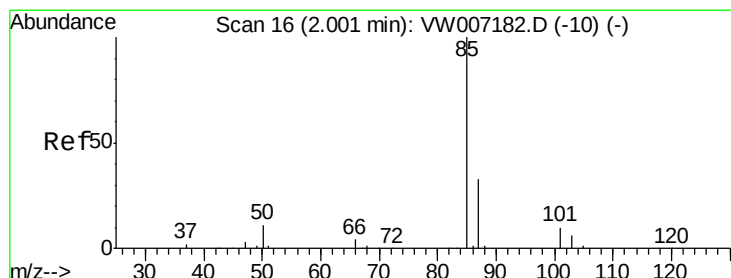
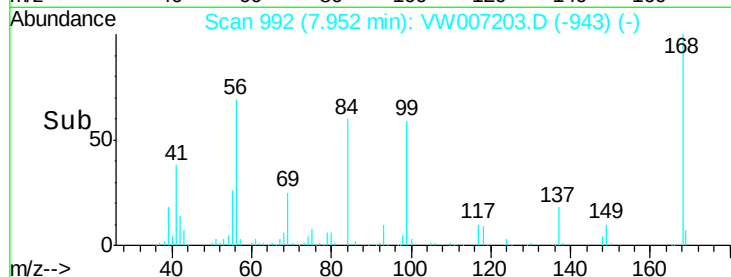
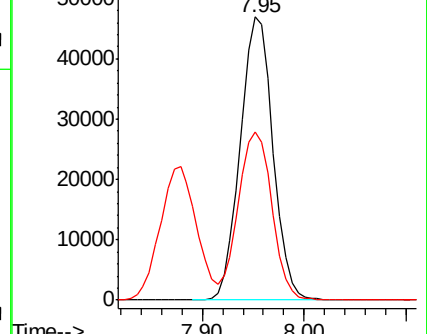
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 42.429 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW007203.D

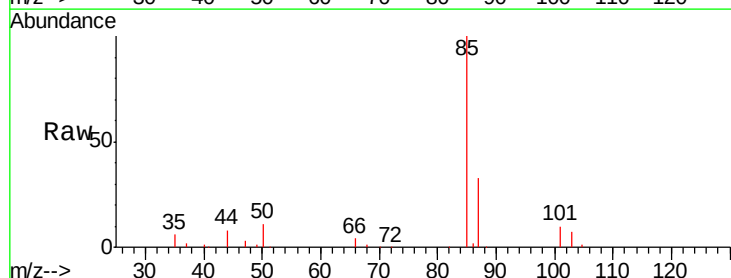
Acq: 04 Dec 2018 23:44

Tgt Ion: 85 Resp: 48480

Ion Ratio Lower Upper

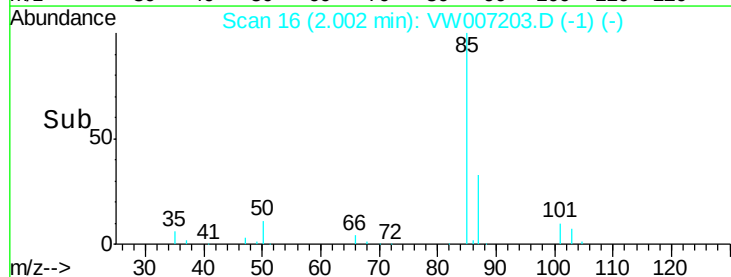
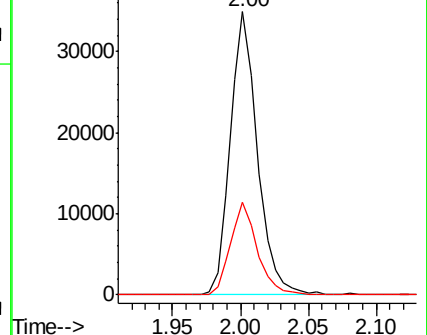
85 100

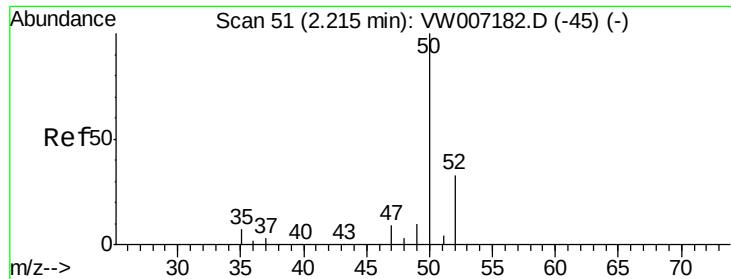
87 32.9 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 43.137 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW007203.D

Acq: 04 Dec 2018 23:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 62418

Ion Ratio Lower Upper

50 100

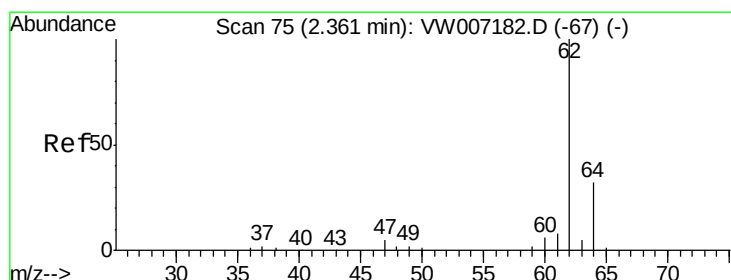
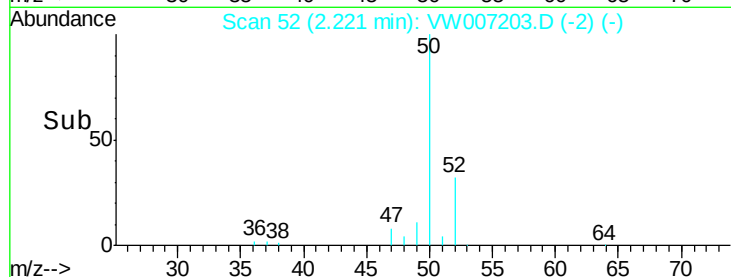
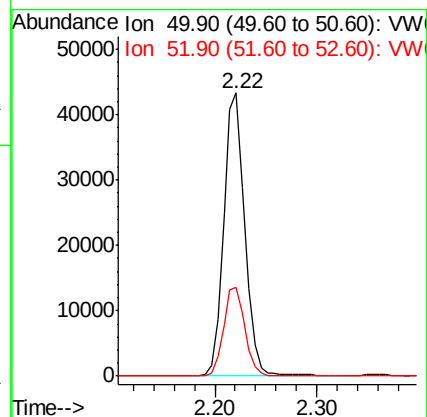
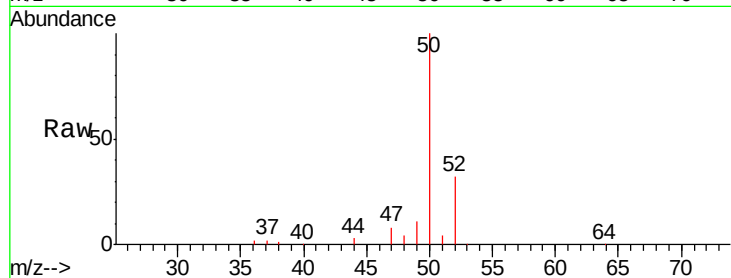
52 31.6 26.2 39.2

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#4

Vinyl Chloride

Concen: 45.941 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW007203.D

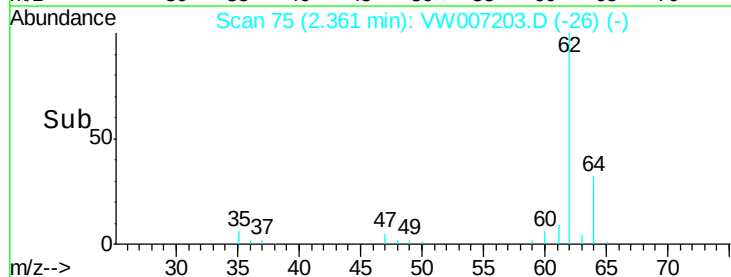
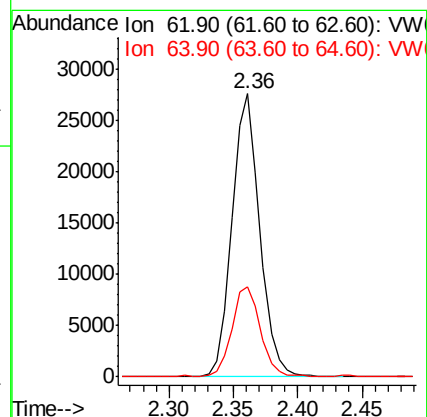
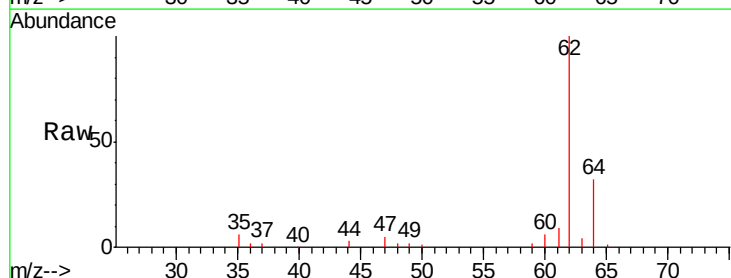
Acq: 04 Dec 2018 23:44

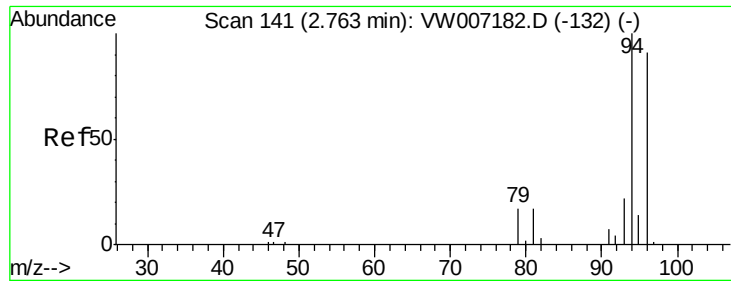
Tgt Ion: 62 Resp: 41621

Ion Ratio Lower Upper

62 100

64 31.4 25.3 37.9





#5

Bromomethane

Concen: 55.099 ug/l

RT: 2.76 min Scan# 141

Delta R.T. 0.00 min

Lab File: VW007203.D

Acq: 04 Dec 2018 23:44

Instrument :

MSVOA_W

ClientSampleId :

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Tgt Ion: 94 Resp: 25014

Ion Ratio Lower Upper

94 100

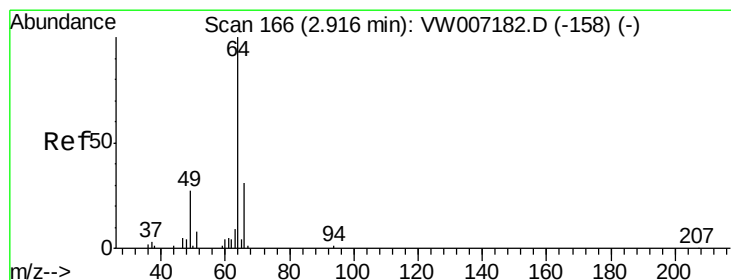
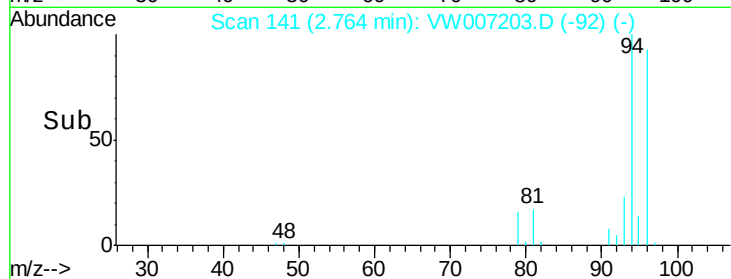
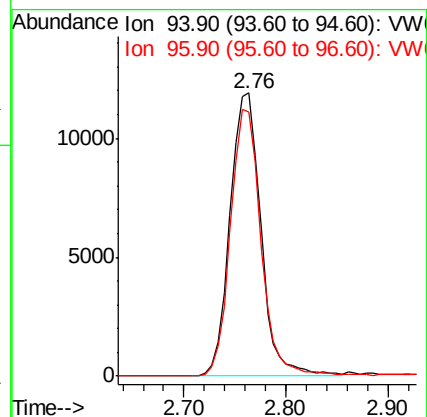
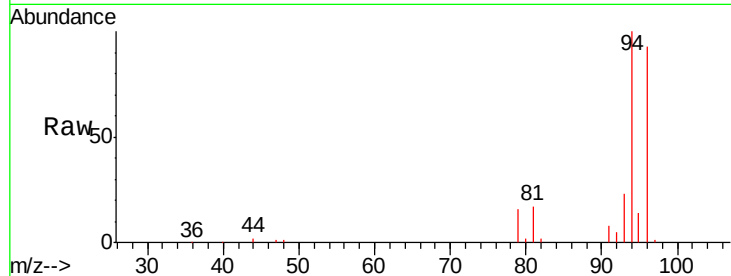
96 93.2 72.8 109.2

Manual Integrations

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#6

Chloroethane

Concen: 48.333 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW007203.D

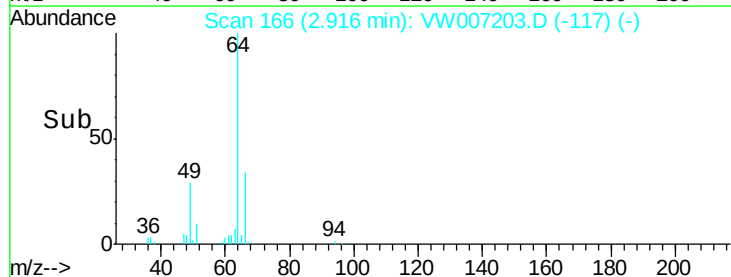
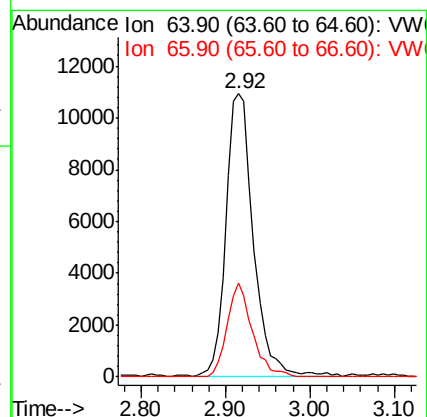
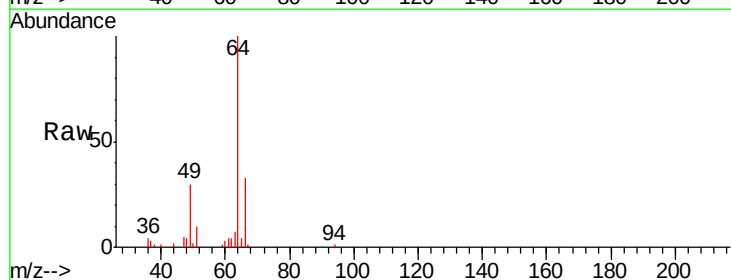
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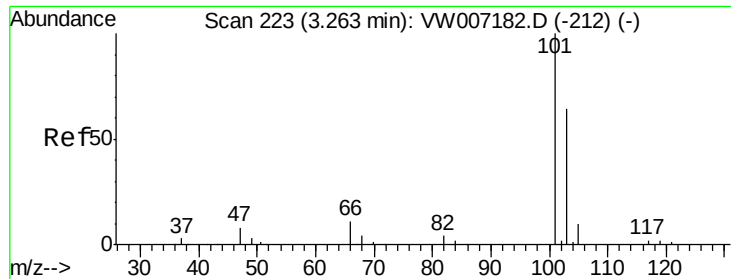
Tgt Ion: 64 Resp: 24569

Ion Ratio Lower Upper

64 100

66 33.3 25.0 37.6





#7

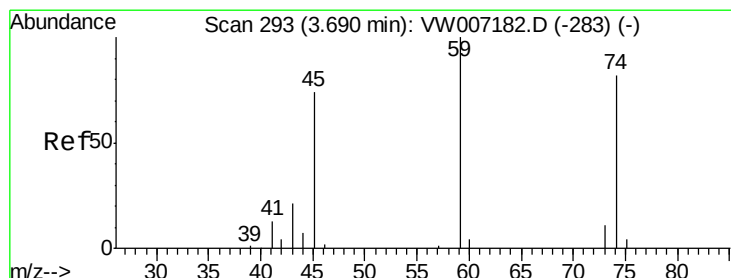
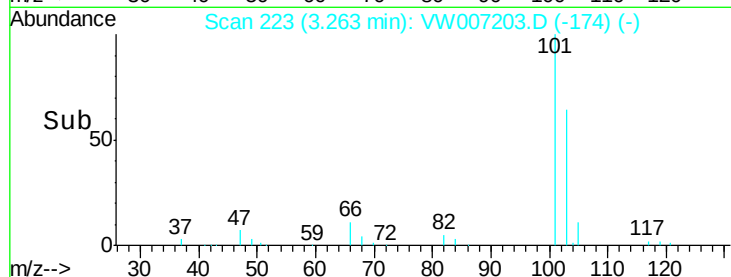
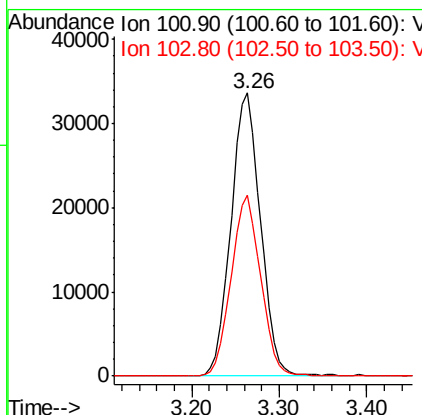
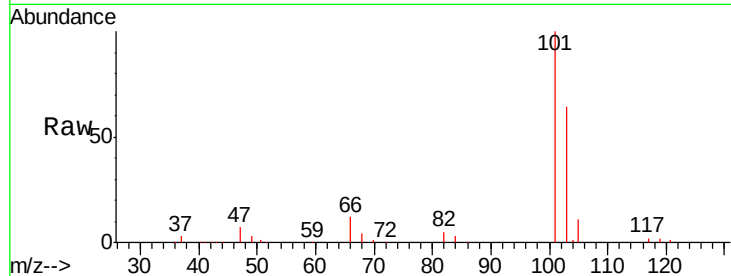
Trichlorofluoromethane
Concen: 44.747 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.00 min
Lab File: VW007203.D
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Tgt Ion	Ratio	Lower	Upper
101	100		
103	63.7	50.9	76.3

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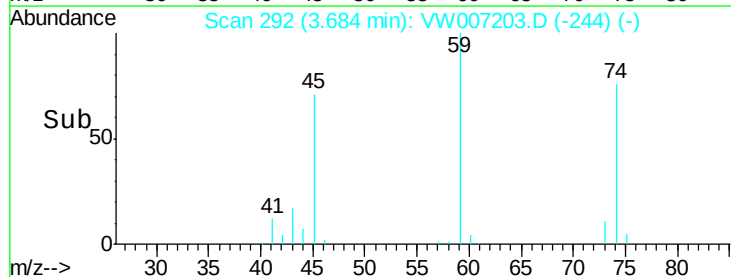
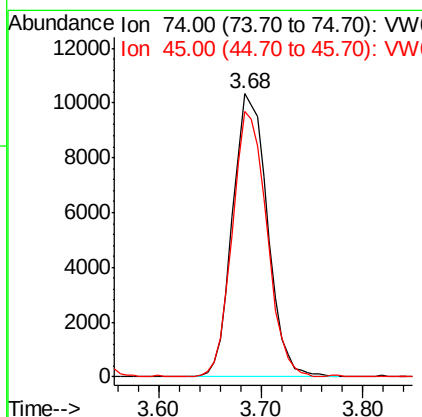
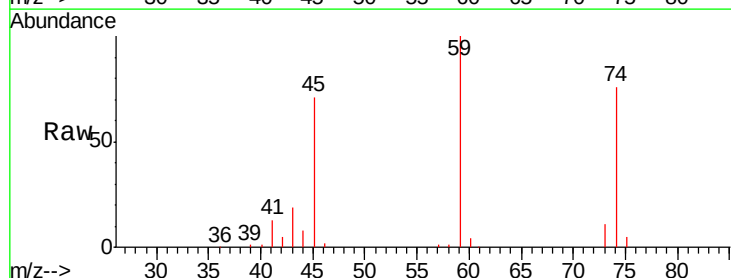
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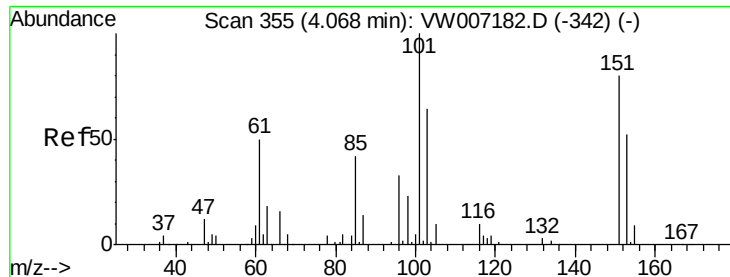


#8

Diethyl Ether
Concen: 49.953 ug/l
RT: 3.68 min Scan# 292
Delta R.T. -0.01 min
Lab File: VW007203.D
Acq: 04 Dec 2018 23:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.3	47.2	141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.994 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW007203.D

Acq: 04 Dec 2018 23:44

Instrument :

MSVOA_W

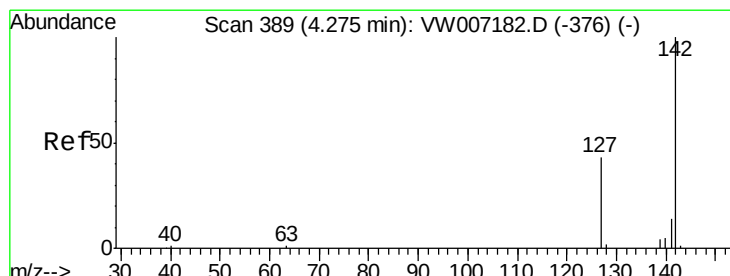
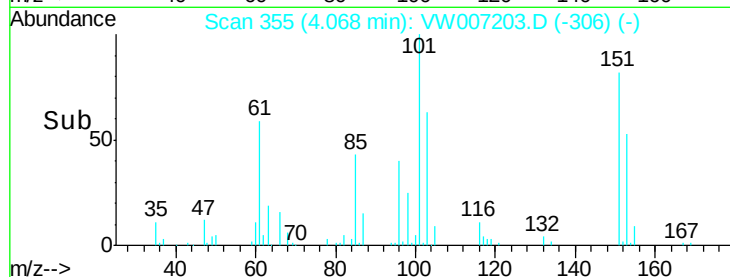
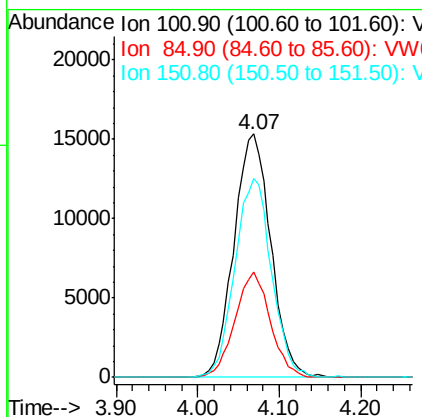
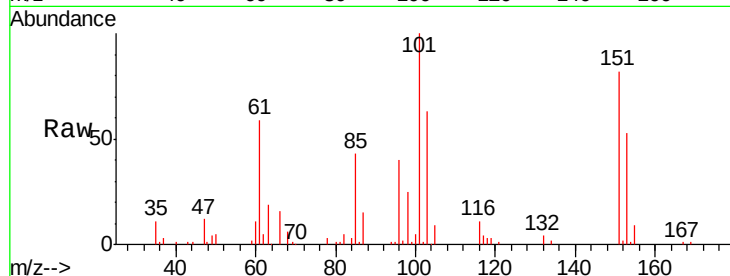
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	48009
Ion Ratio	Lower	Upper	
101	100		
85	41.4	33.4	50.2
151	81.0	63.9	95.9

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#10

Methyl Iodide

Concen: 48.654 ug/l

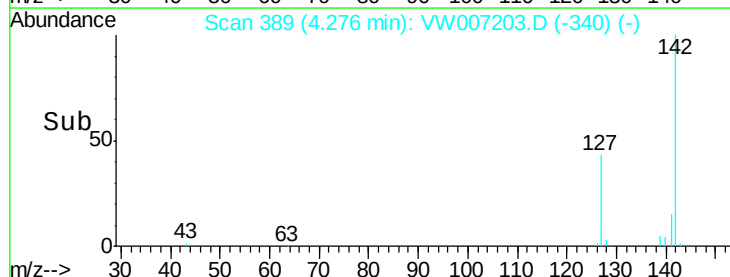
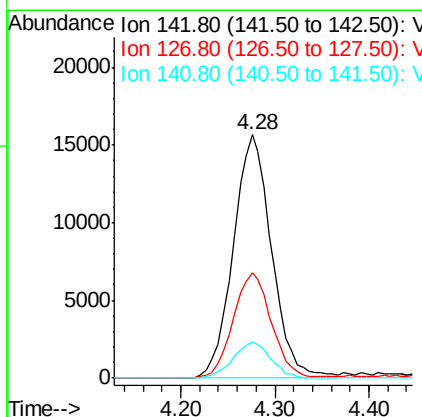
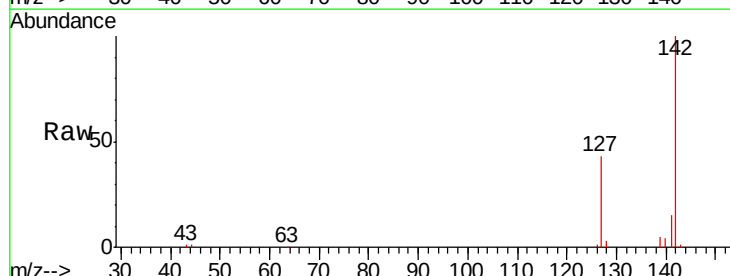
RT: 4.28 min Scan# 389

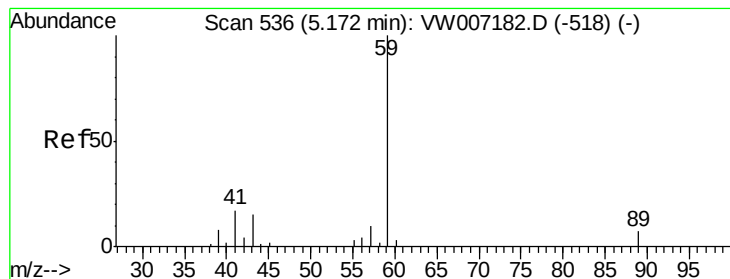
Delta R.T. 0.00 min

Lab File: VW007203.D

Acq: 04 Dec 2018 23:44

Tgt Ion:	142	Resp:	44224
Ion Ratio	Lower	Upper	
142	100		
127	43.4	34.9	52.3
141	14.5	11.7	17.5





#11

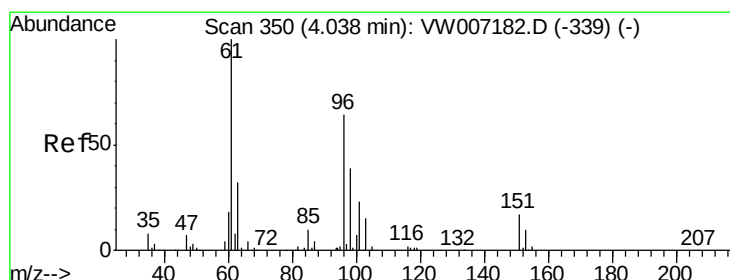
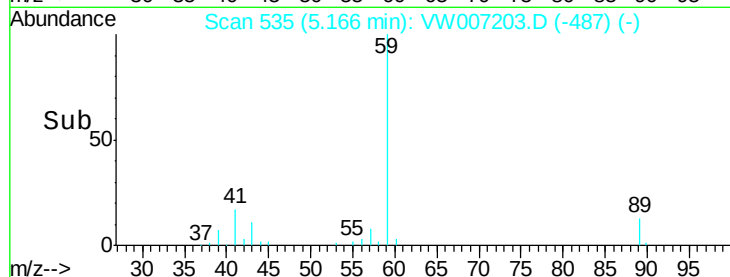
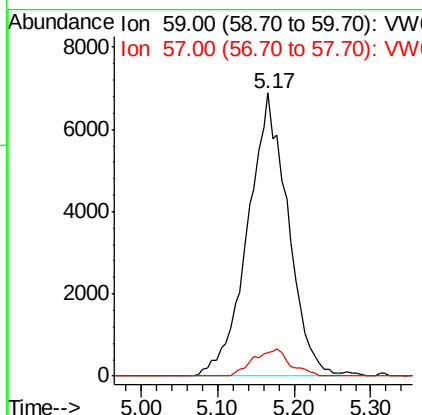
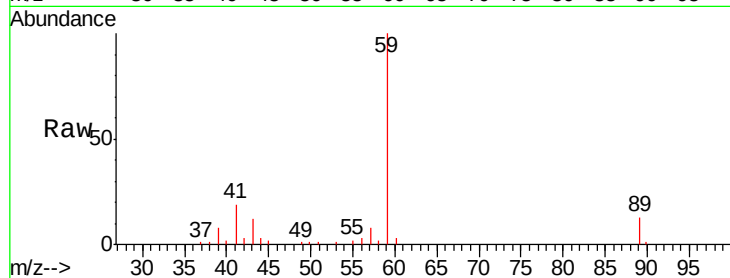
Tert butyl alcohol
Concen: 273.039 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.01 min
Lab File: VW007203.D
Acq: 04 Dec 2018 23:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	8.7	7.1	10.7

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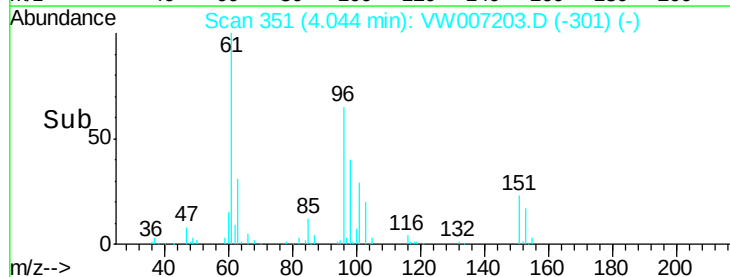
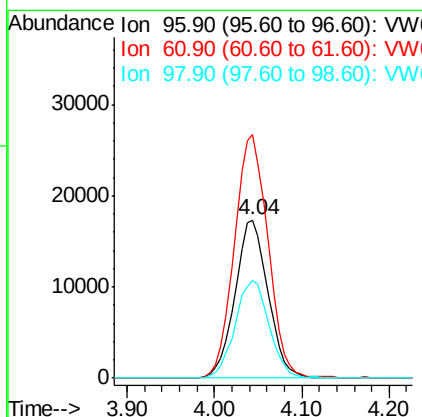
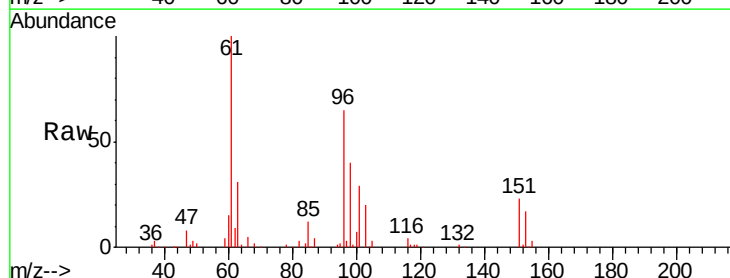
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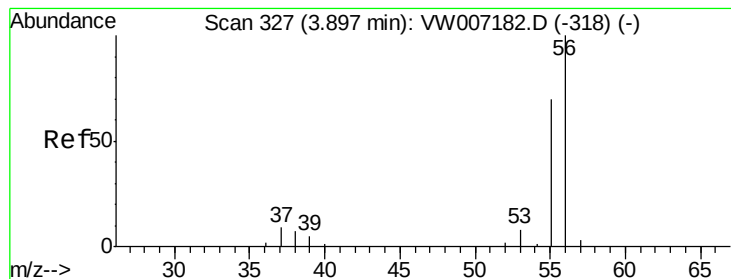


#12

1,1-Dichloroethene
Concen: 45.413 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.01 min
Lab File: VW007203.D
Acq: 04 Dec 2018 23:44

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.8	124.1	186.1
98	62.0	48.6	72.8





#13

Acrolein

Concen: 291.278 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW007203.D

Acq: 04 Dec 2018 23:44

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tgt Ion: 56 Resp: 19845

Ion Ratio Lower Upper

56 100

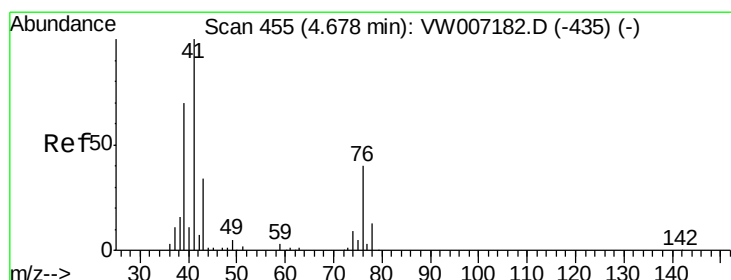
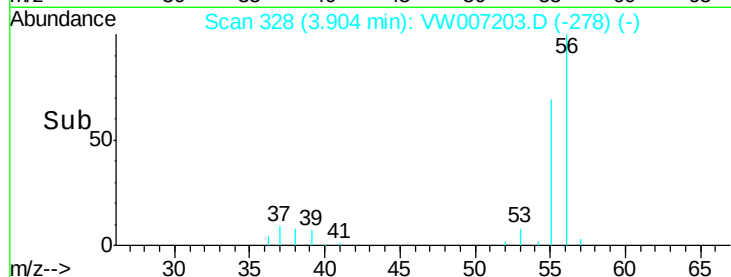
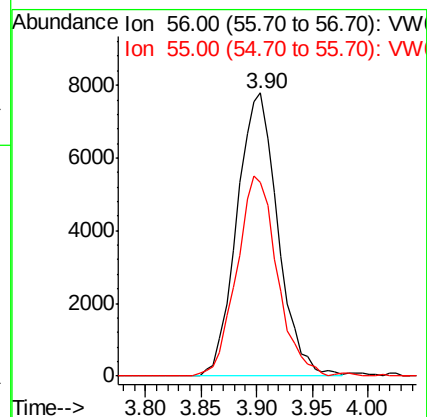
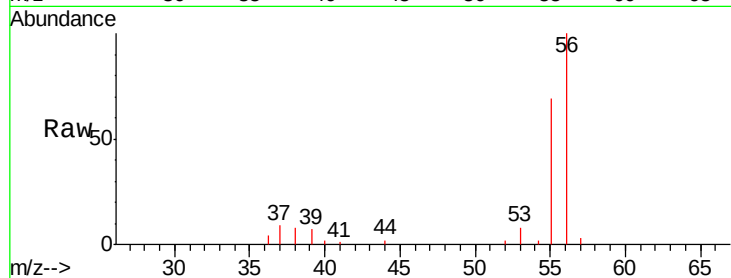
55 69.9 56.9 85.3

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#14

Allyl chloride

Concen: 46.921 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW007203.D

Acq: 04 Dec 2018 23:44

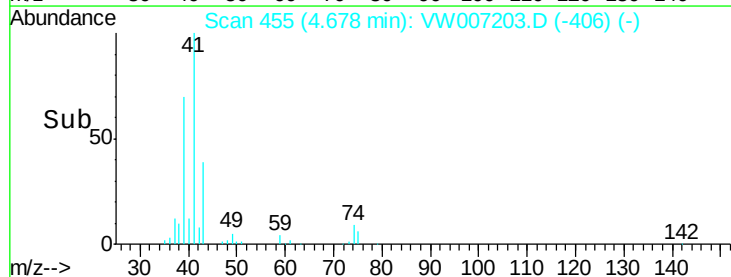
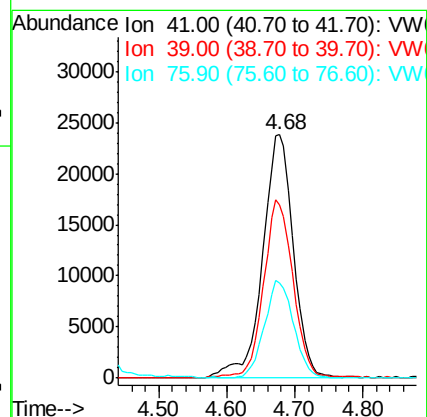
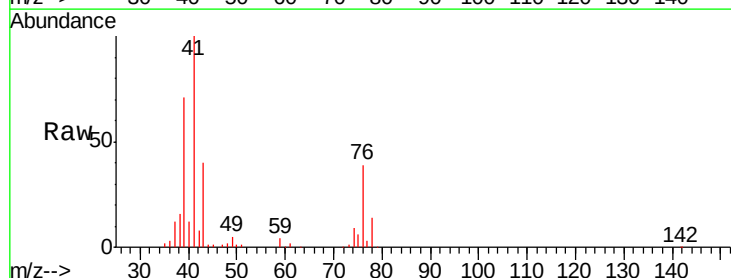
Tgt Ion: 41 Resp: 75205

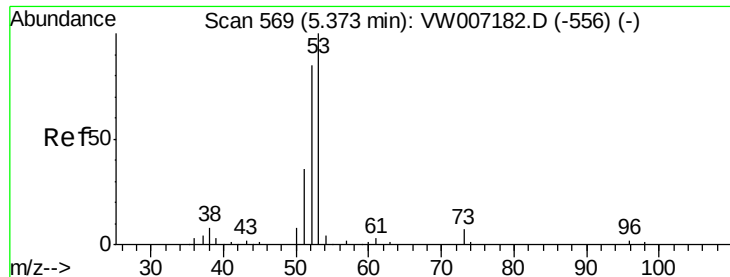
Ion Ratio Lower Upper

41 100

39 70.4 55.9 83.9

76 38.2 30.8 46.2





#15

Acrylonitrile

Concen: 275.617 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW007203.D

Acq: 04 Dec 2018 23:44

Instrument :

MSVOA_W

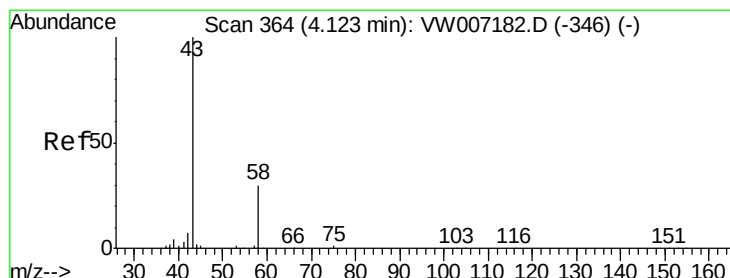
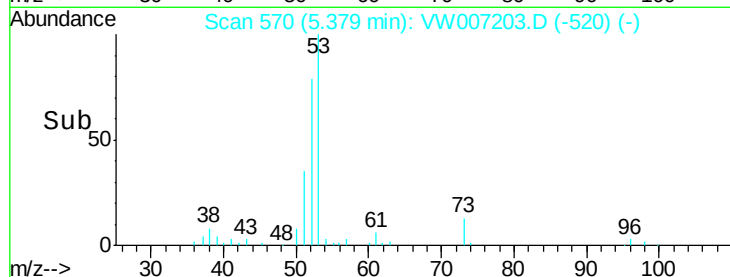
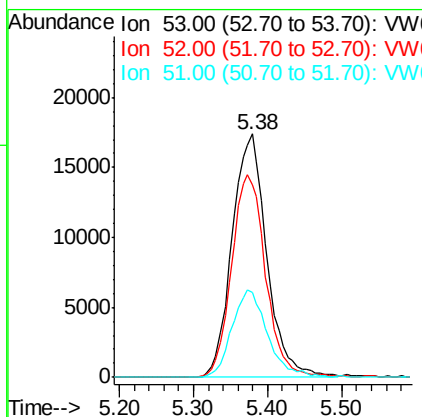
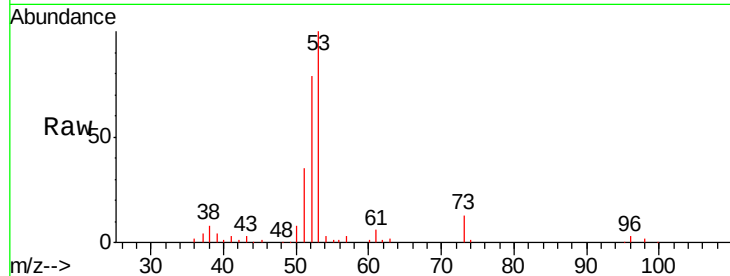
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	56729
Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.1	99.1
51	36.8	30.3	45.5

Manual Integrations
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#16

Acetone

Concen: 225.419 ug/l

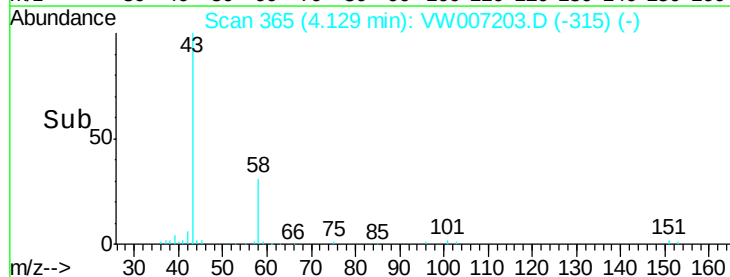
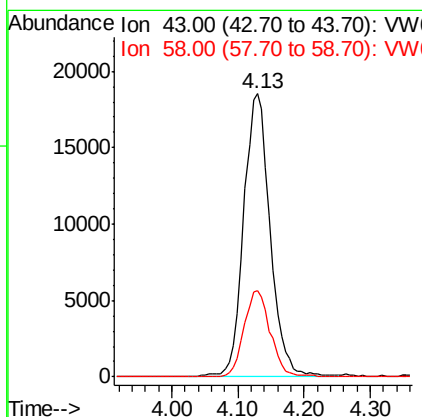
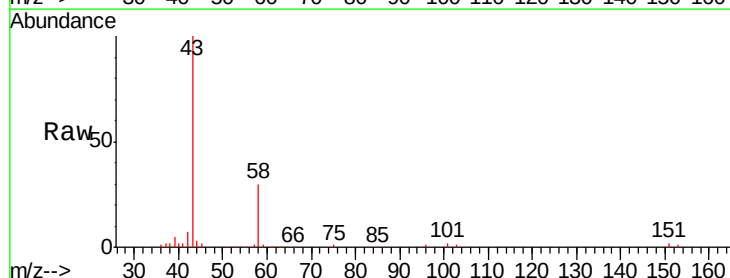
RT: 4.13 min Scan# 365

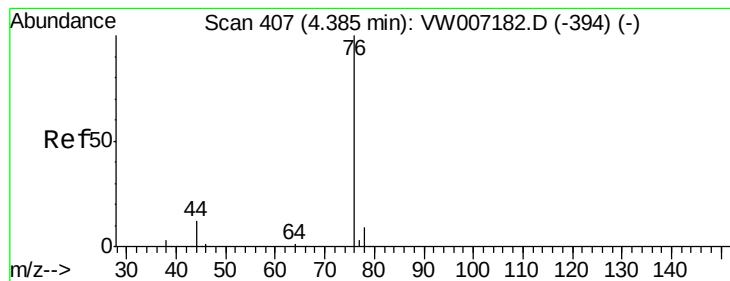
Delta R.T. 0.01 min

Lab File: VW007203.D

Acq: 04 Dec 2018 23:44

Tgt Ion:	43	Resp:	51888
Ion	Ratio	Lower	Upper
43	100		
58	30.4	23.8	35.8





#17

Carbon Disulfide

Concen: 46.704 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW007203.D

Acq: 04 Dec 2018 23:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 153939

Ion Ratio Lower Upper

76 100

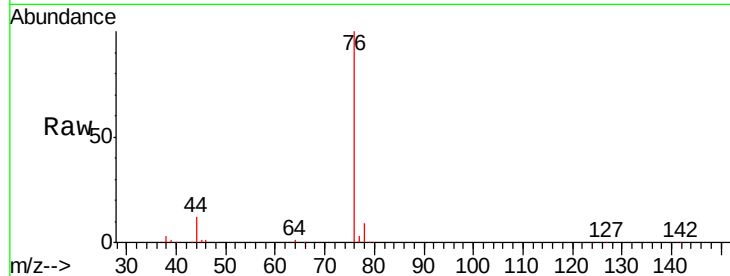
78 8.6 7.2 10.8

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.38

60000

50000

40000

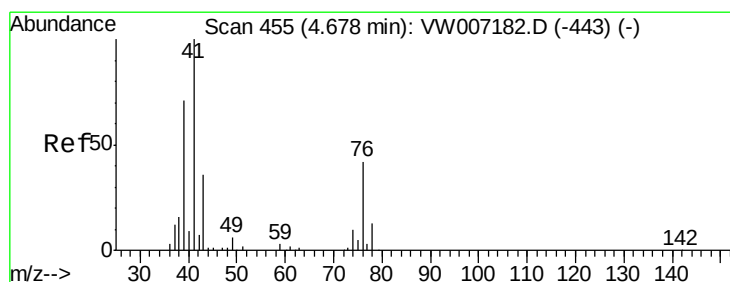
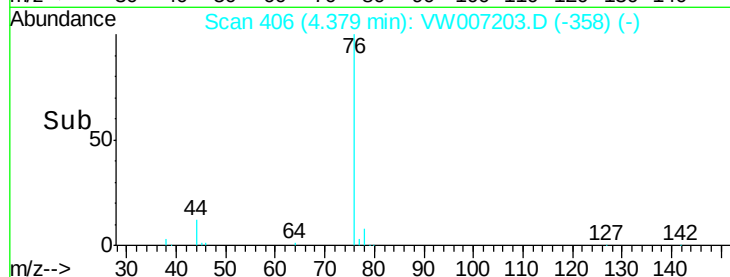
30000

20000

10000

0

Time-->



#18

Methyl Acetate

Concen: 52.216 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW007203.D

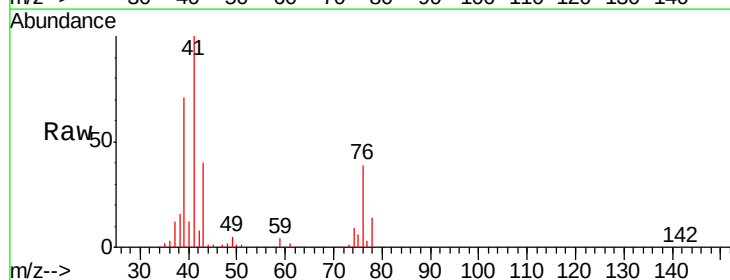
Acq: 04 Dec 2018 23:44

Tgt Ion: 43 Resp: 27435

Ion Ratio Lower Upper

43 100

74 25.8 20.1 30.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.68

10000

8000

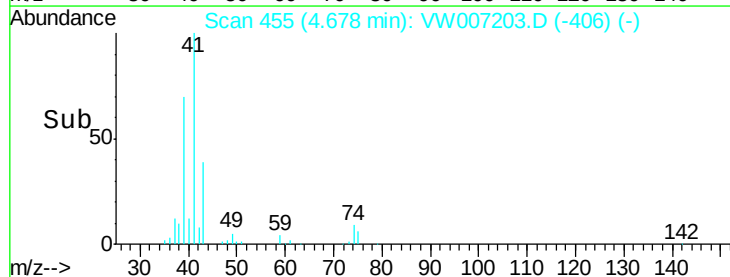
6000

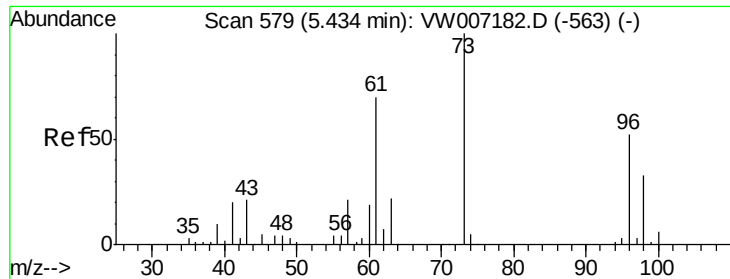
4000

2000

0

Time-->





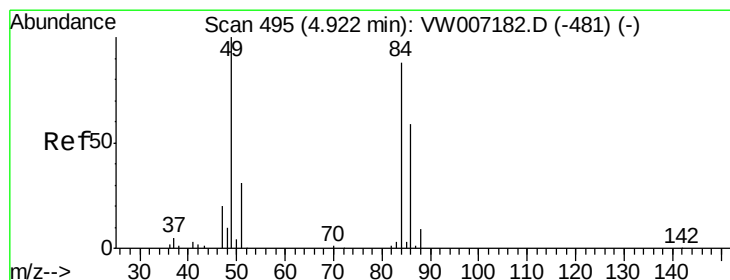
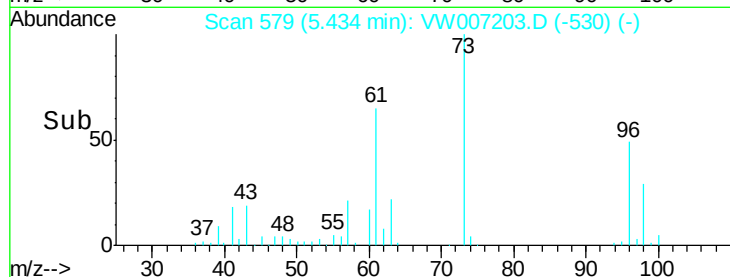
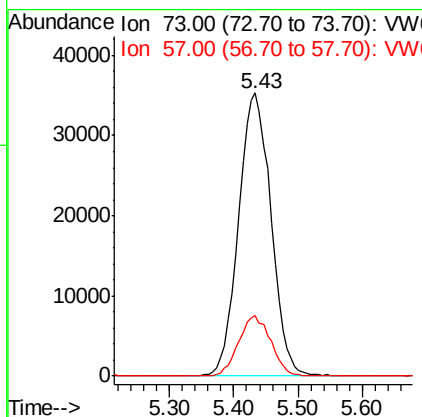
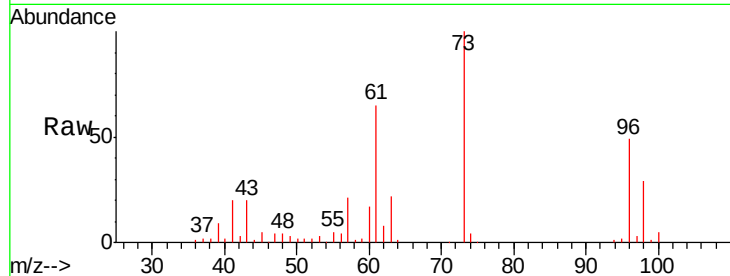
#19
Methyl tert-butyl Ether
Concen: 52.100 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW007203.D
Acq: 04 Dec 2018 23:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
73	100		
57	21.5	16.6	25.0

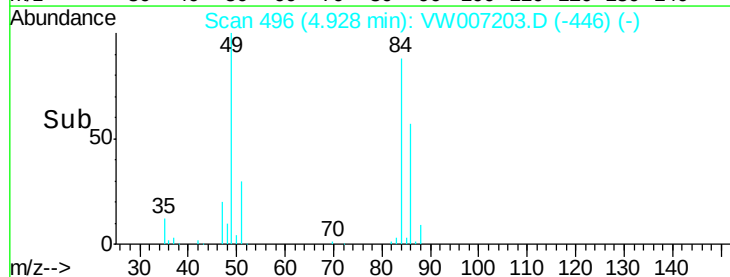
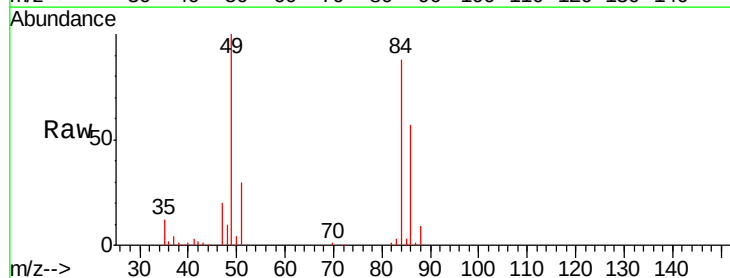
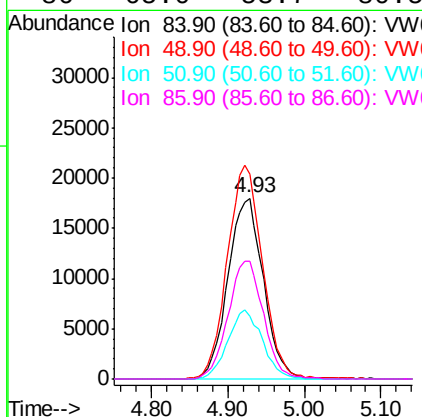
Manual Integrations
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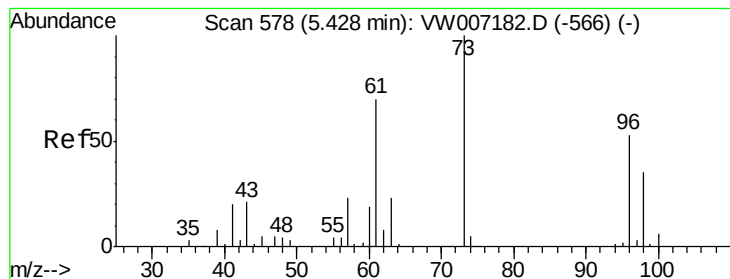
apatel
12/5/2018 12:44:20 PM



#20
Methylene Chloride
Concen: 49.802 ug/l
RT: 4.93 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW007203.D
Acq: 04 Dec 2018 23:44

Tgt Ion	Ratio	Lower	Upper
84	100		
49	112.8	90.6	135.8
51	34.5	27.6	41.4
86	65.0	53.7	80.5





#21

trans-1,2-Dichloroethene

Concen: 46.837 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.01 min

Lab File: VW007203.D

Acq: 04 Dec 2018 23:44

Instrument :

MSVOA_W

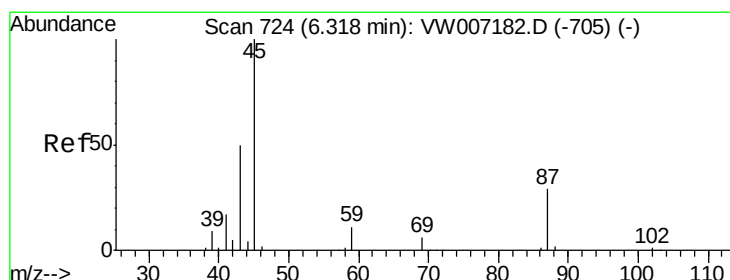
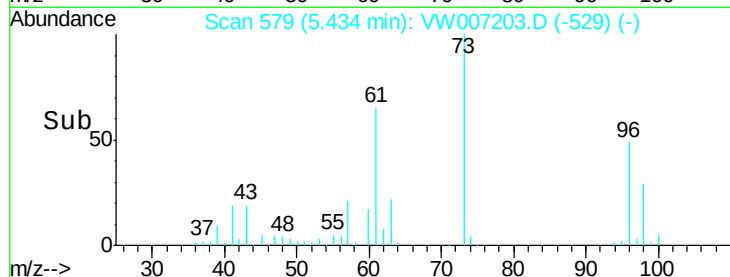
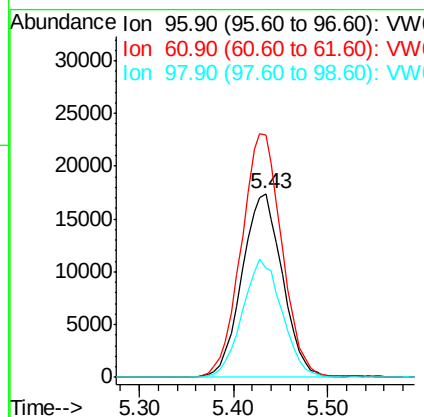
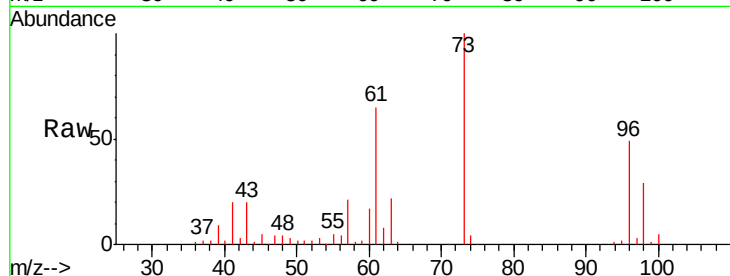
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	52295
Ion	Ratio	Lower	Upper
96	100		
61	131.7	105.5	158.3
98	59.8	52.6	79.0

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#22

Diisopropyl ether

Concen: 51.984 ug/l

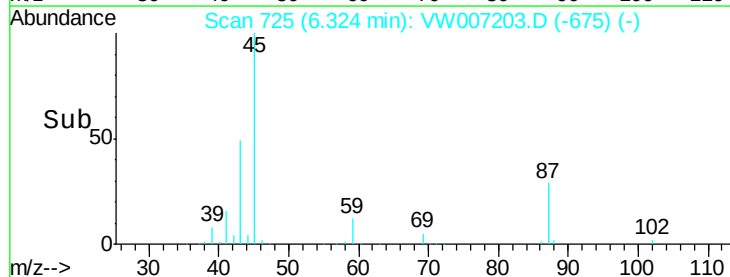
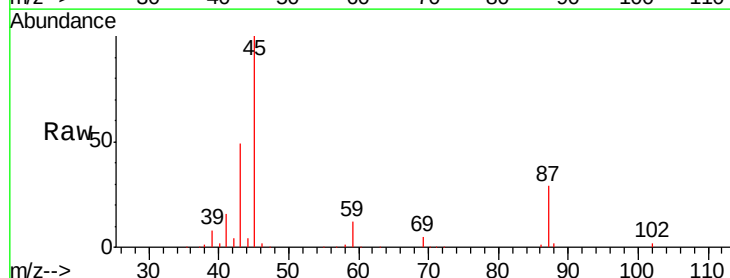
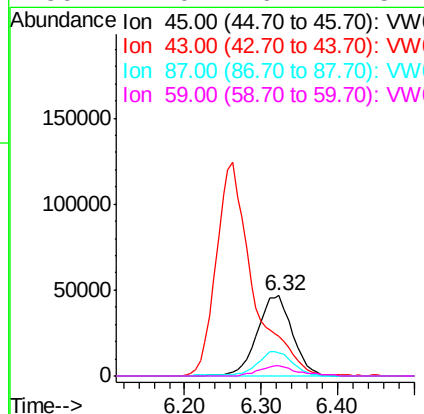
RT: 6.32 min Scan# 725

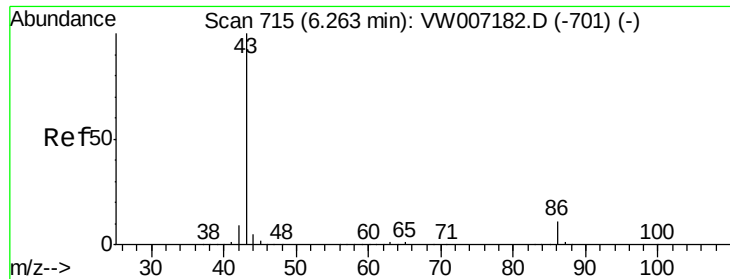
Delta R.T. 0.01 min

Lab File: VW007203.D

Acq: 04 Dec 2018 23:44

Tgt Ion:	45	Resp:	149573
Ion	Ratio	Lower	Upper
45	100		
43	48.2	40.8	61.2
87	28.6	24.0	36.0
59	12.0	9.1	13.7





#23

Vinyl Acetate

Concen: 263.135 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW007203.D

Acq: 04 Dec 2018 23:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 413117

Ion Ratio Lower Upper

43 100

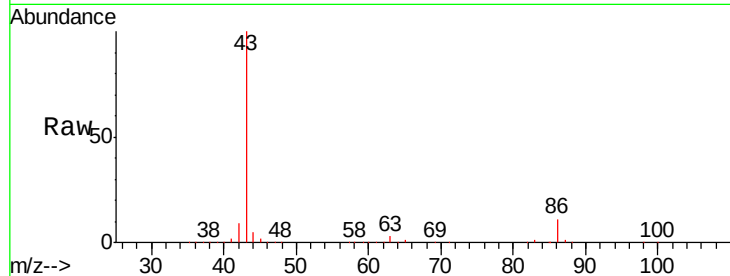
86 10.6 9.0 13.6

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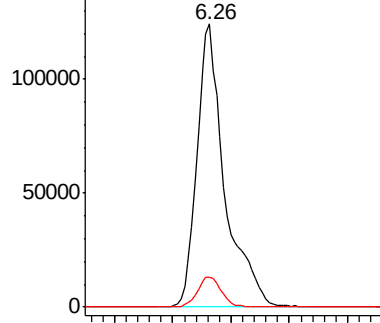
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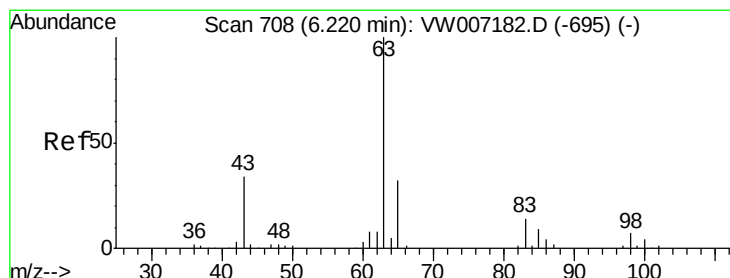
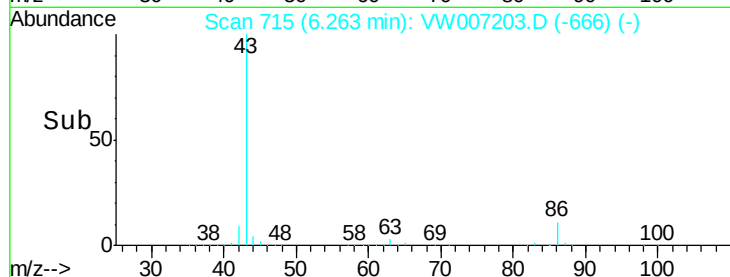


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 48.077 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW007203.D

Acq: 04 Dec 2018 23:44

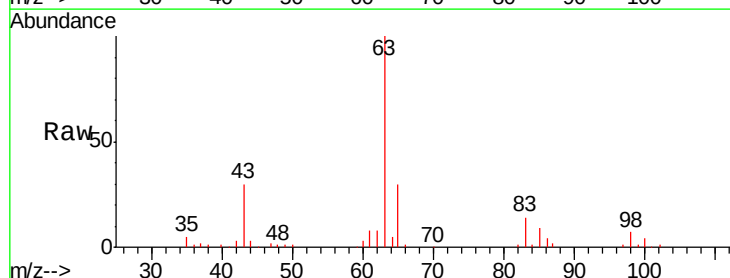
Tgt Ion: 63 Resp: 88662

Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.5

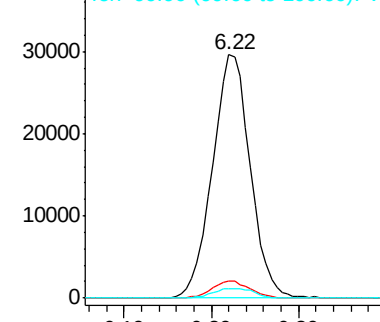
100 4.0 2.1 6.2



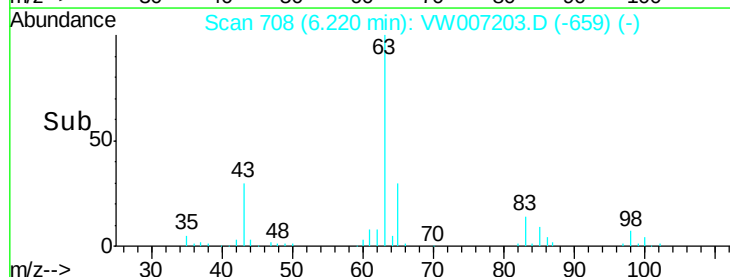
Abundance Ion 62.90 (62.60 to 63.60): VW

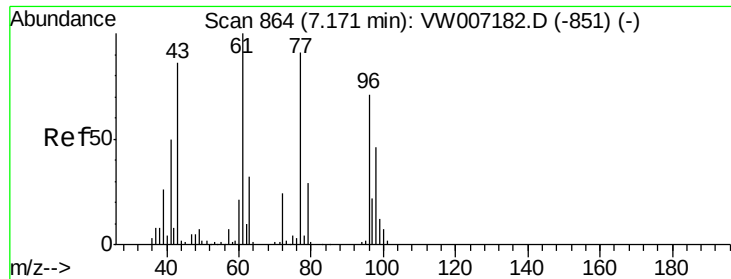
Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->





#25

2-Butanone

Concen: 256.234 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW007203.D

Acq: 04 Dec 2018 23:44

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tgt Ion: 43 Resp: 68371

Ion Ratio Lower Upper

43 100

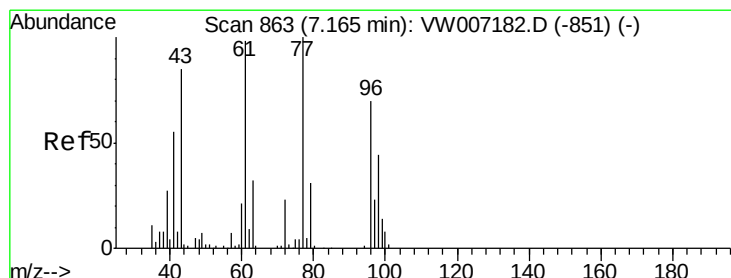
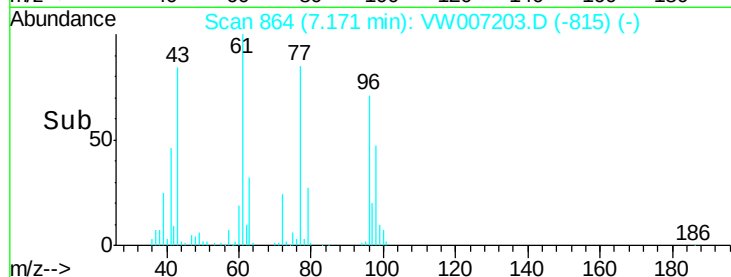
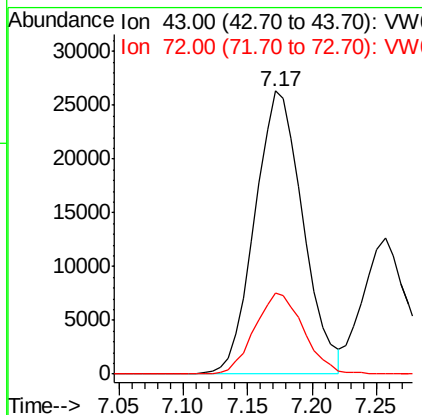
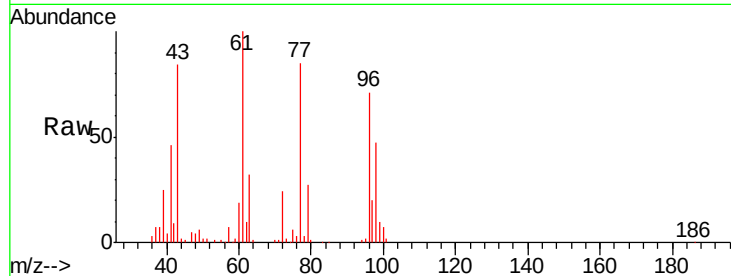
72 28.5 22.8 34.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 43.926 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW007203.D

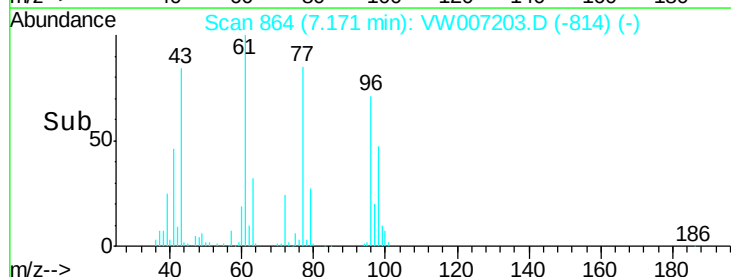
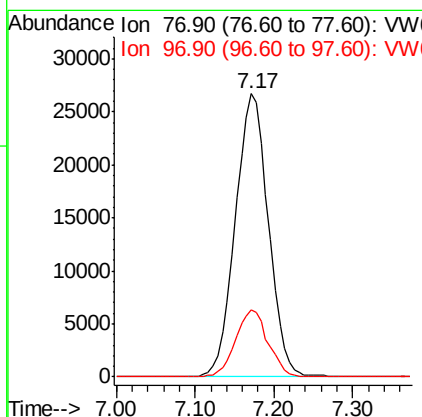
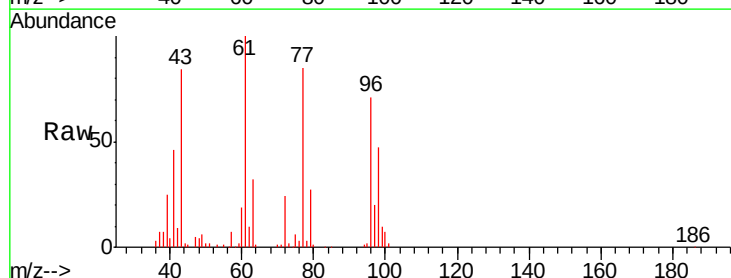
Acq: 04 Dec 2018 23:44

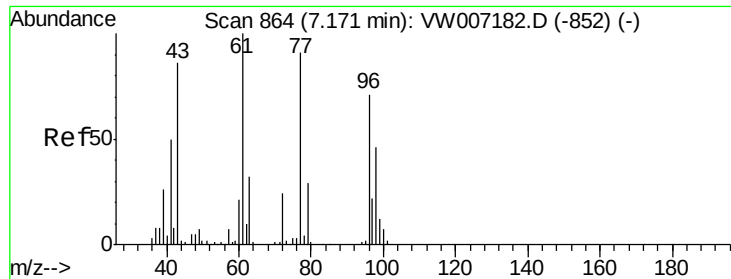
Tgt Ion: 77 Resp: 77846

Ion Ratio Lower Upper

77 100

97 23.0 11.5 34.4





#27

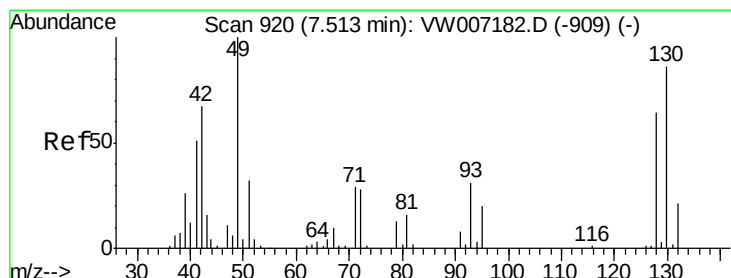
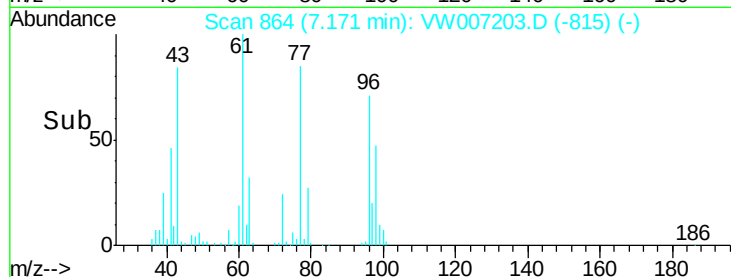
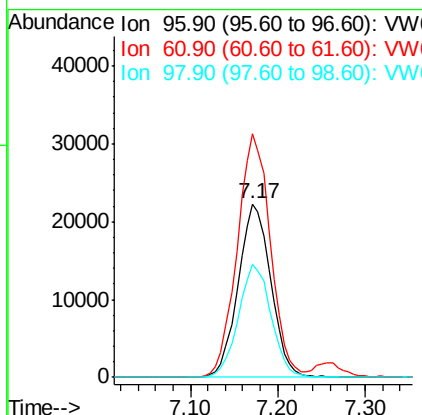
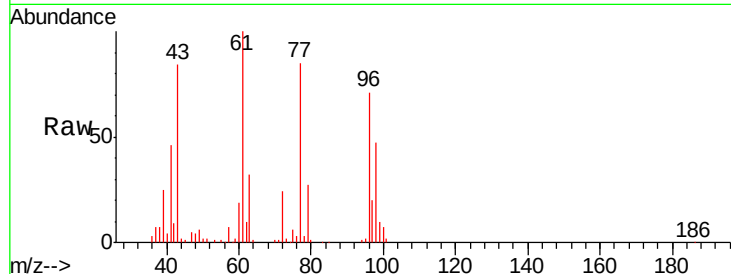
cis-1,2-Dichloroethene
Concen: 48.408 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW007203.D
Acq: 04 Dec 2018 23:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.0	0.0	282.4
98	64.8	0.0	129.8

Manual Integrations
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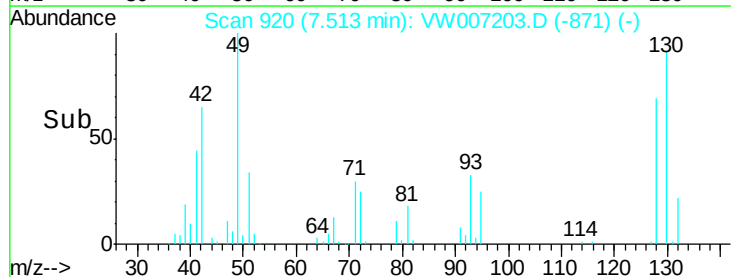
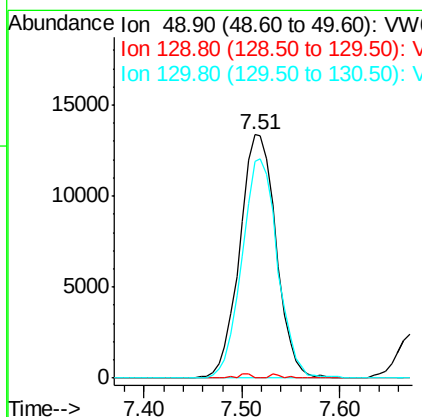
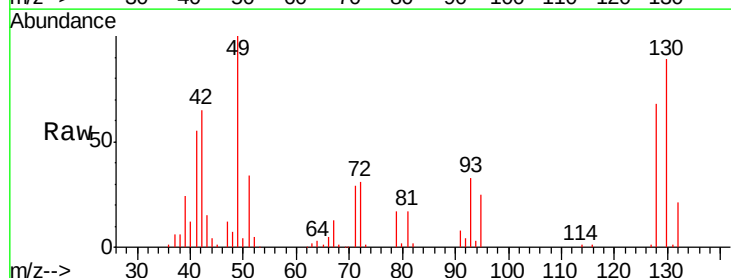
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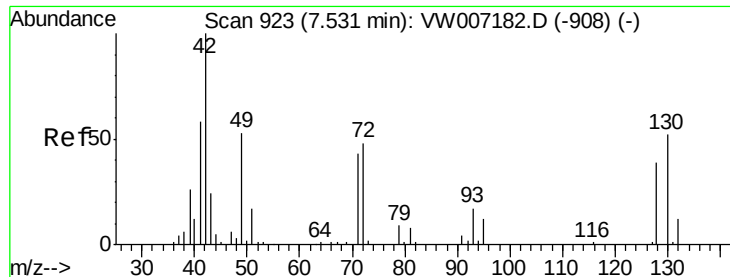


#28

Bromochloromethane
Concen: 52.002 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW007203.D
Acq: 04 Dec 2018 23:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	3.8
130	88.3	70.3	105.5





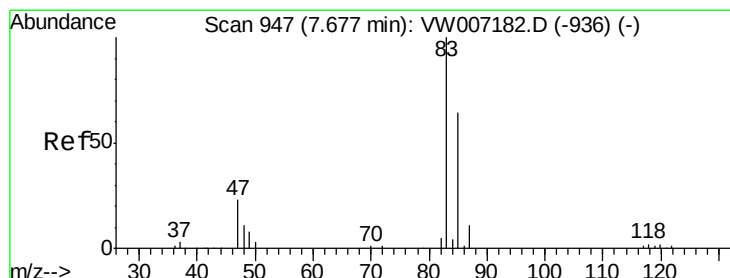
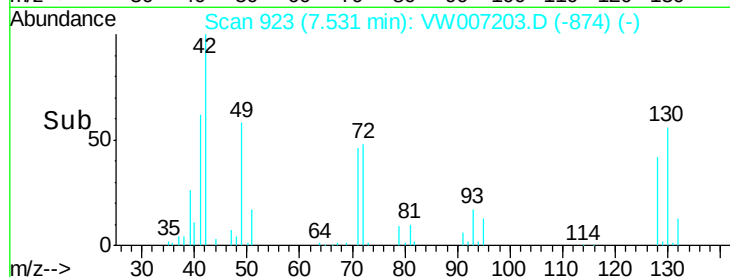
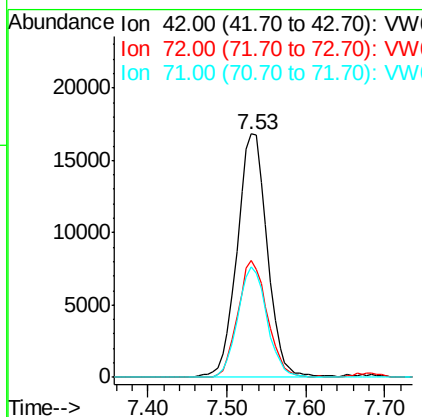
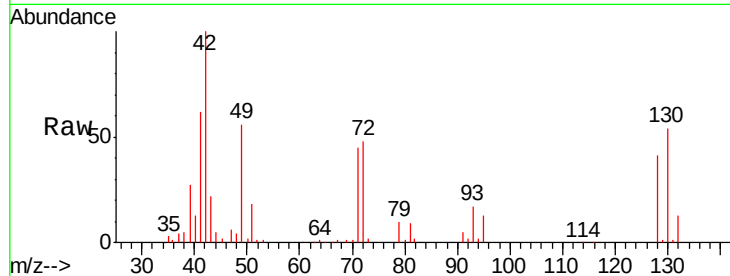
#29
Tetrahydrofuran
Concen: 272.516 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW007203.D
Acq: 04 Dec 2018 23:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	46.6	36.6	55.0
71	43.8	34.8	52.2

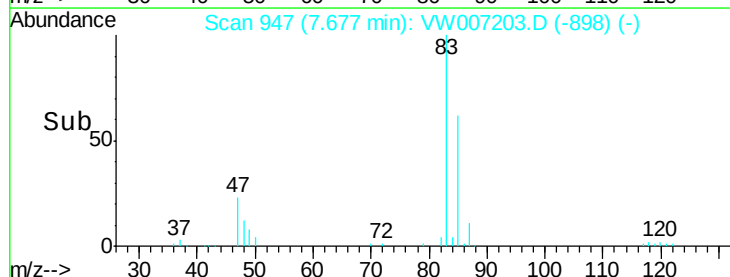
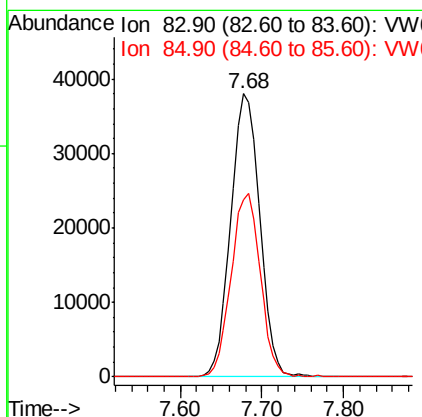
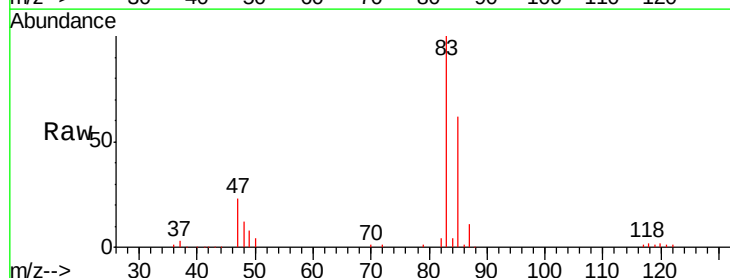
Manual Integrations
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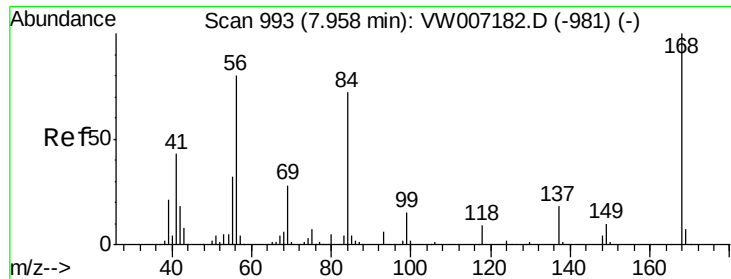
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#30
Chloroform
Concen: 48.841 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW007203.D
Acq: 04 Dec 2018 23:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.4	51.5	77.3





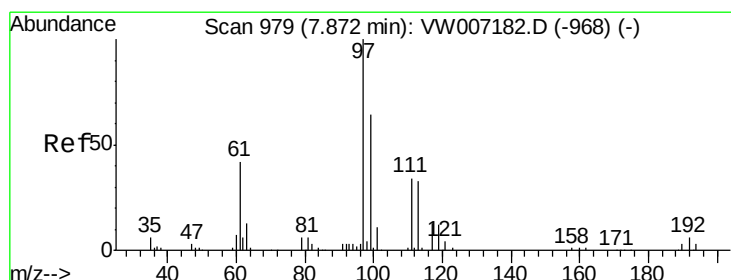
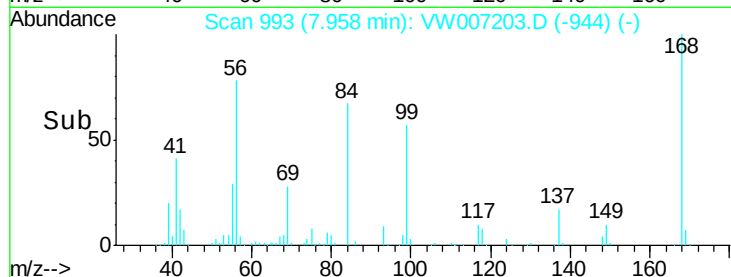
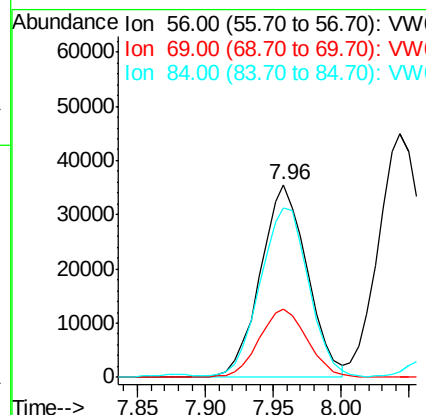
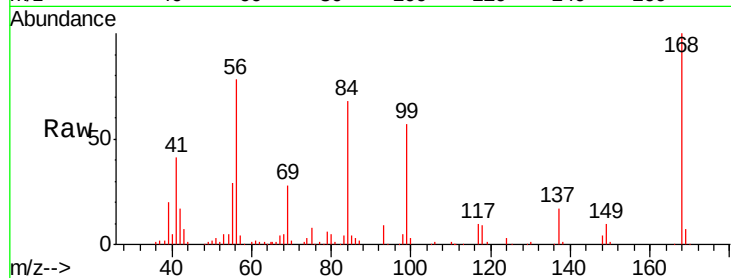
#31
Cyclohexane
Concen: 44.276 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW007203.D
Acq: 04 Dec 2018 23:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	35.7	28.2	42.2
84	87.1	72.1	108.1

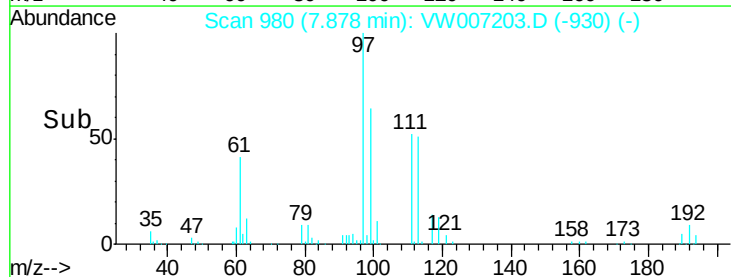
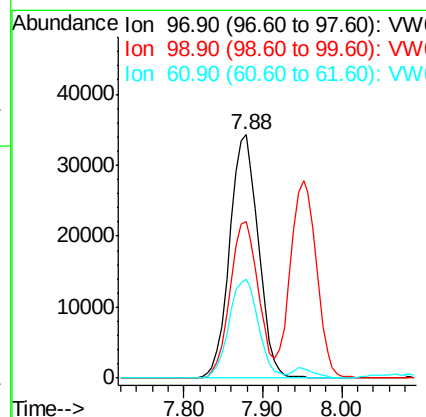
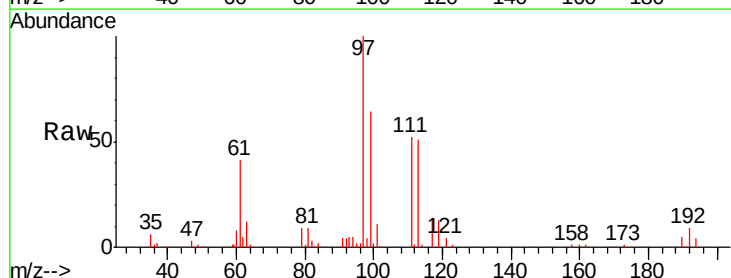
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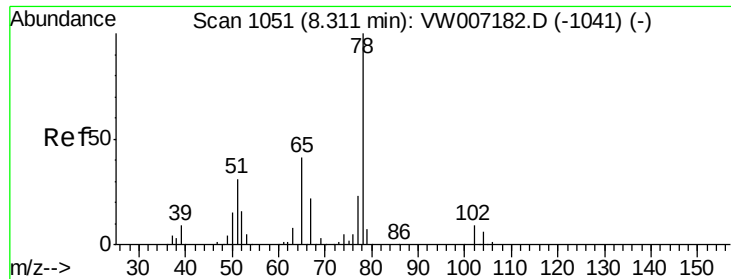
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#32
1,1,1-Trichloroethane
Concen: 47.977 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.01 min
Lab File: VW007203.D
Acq: 04 Dec 2018 23:44

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.3	76.9
61	41.8	33.2	49.8





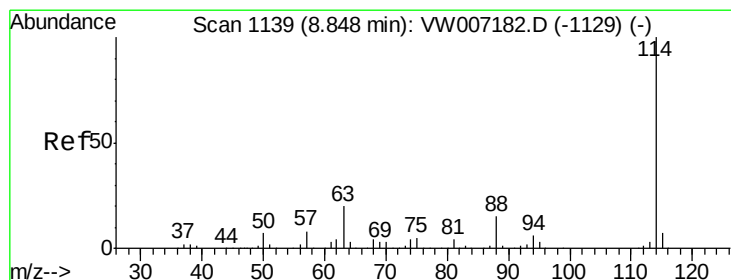
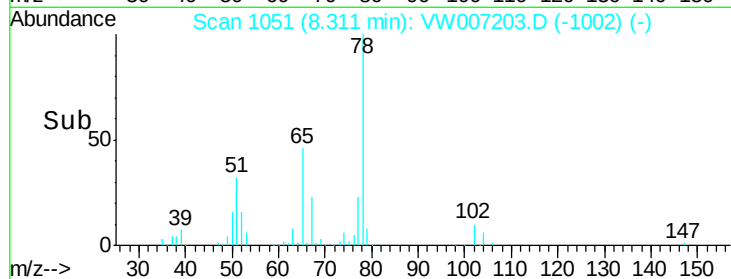
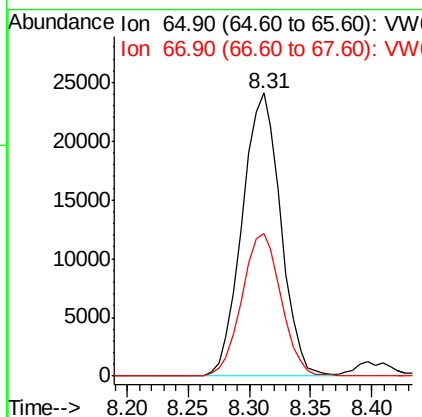
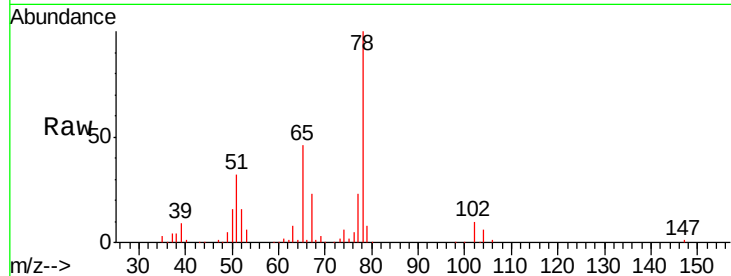
#33
 1,2-Dichloroethane-d4
 Concen: 54.344 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW007203.D
 Acq: 04 Dec 2018 23:44

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tgt Ion: 65 Resp: 52840
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 106.4

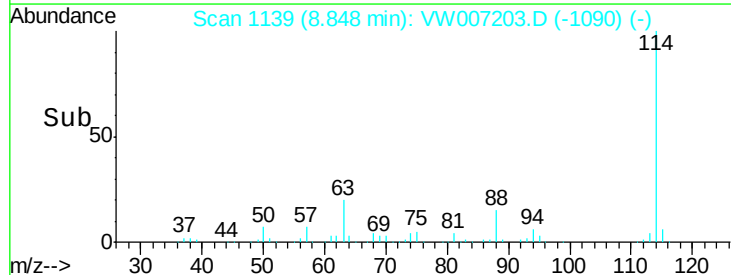
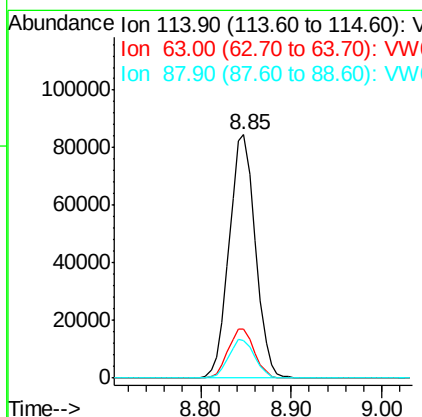
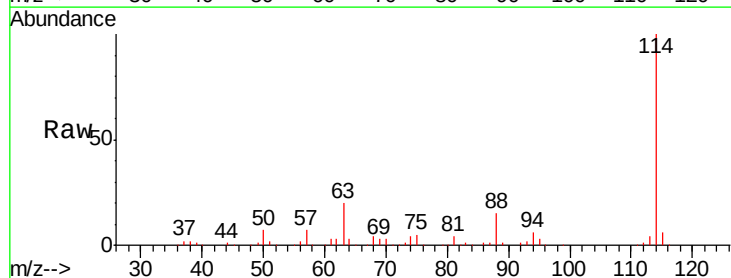
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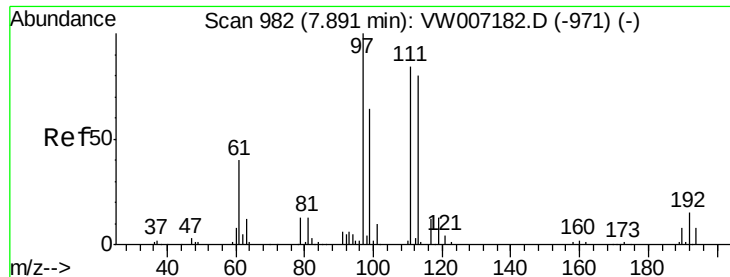
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW007203.D
 Acq: 04 Dec 2018 23:44

Tgt Ion: 114 Resp: 169945
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.2
 88 15.2 0.0 30.0





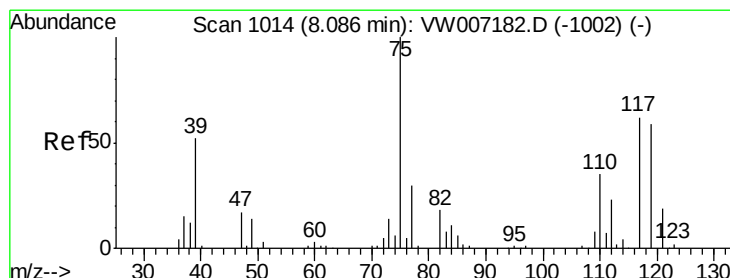
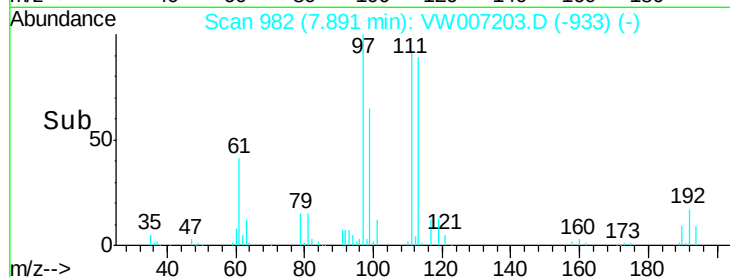
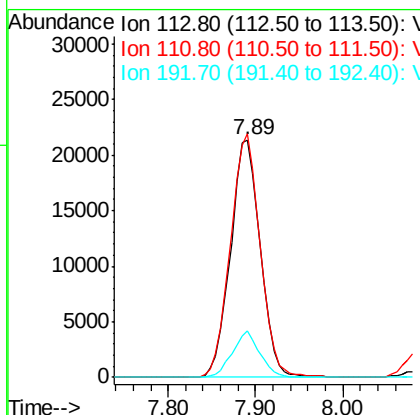
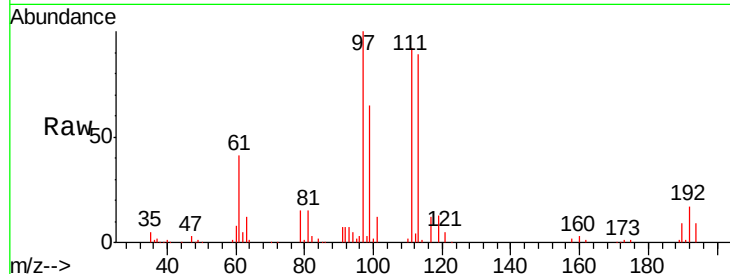
#35
 Dibromofluoromethane
 Concen: 51.995 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW007203.D
 Acq: 04 Dec 2018 23:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	50596		
111	102.8	82.2	123.4	
192	18.0	14.4	21.6	

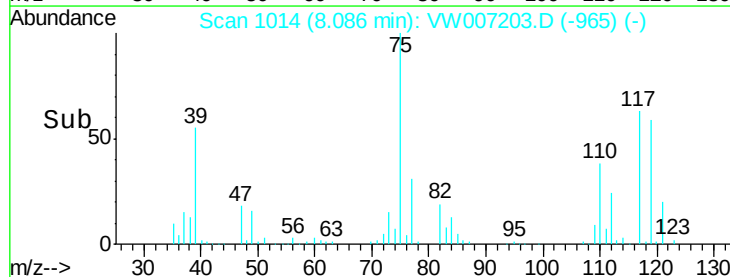
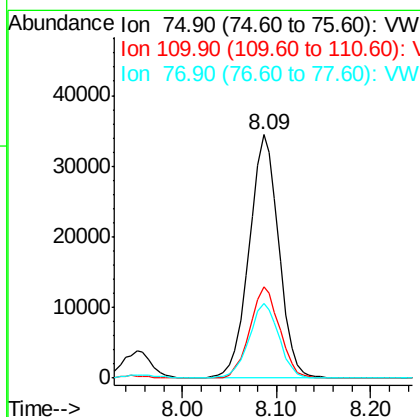
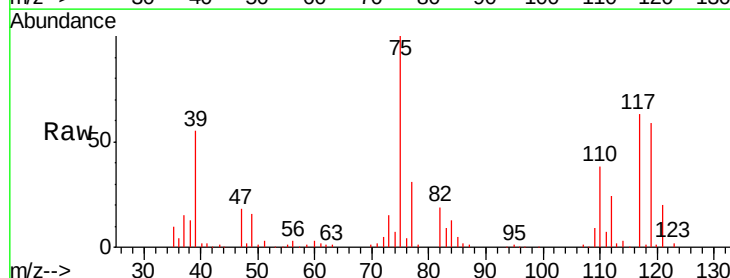
Manual Integrations
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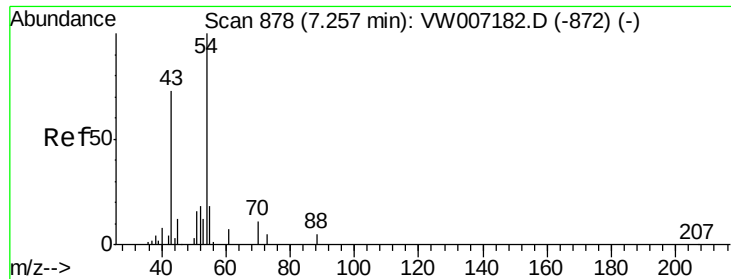
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#36
 1,1-Dichloropropene
 Concen: 46.173 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW007203.D
 Acq: 04 Dec 2018 23:44

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	76352		
110	37.2	18.3	54.9	
77	31.0	24.9	37.3	





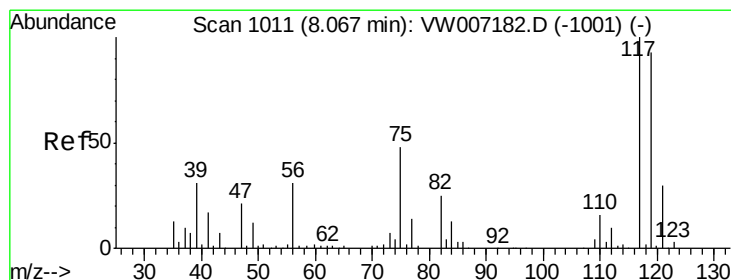
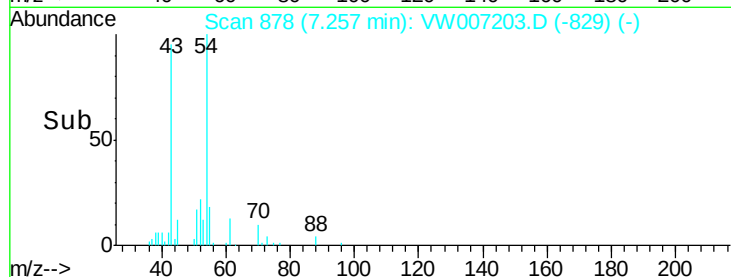
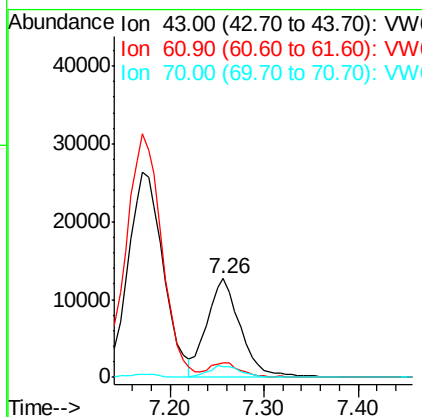
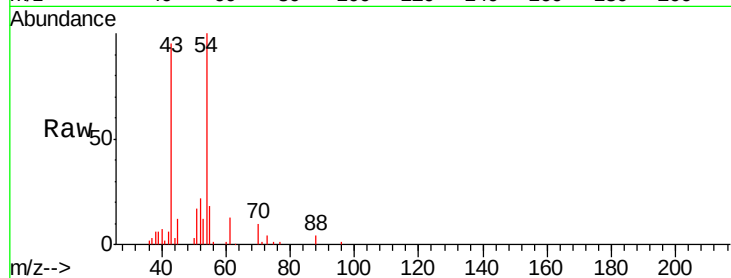
#37
Ethyl Acetate
Concen: 52.141 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW007203.D
Acq: 04 Dec 2018 23:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.0	12.1	18.1
70	11.3	9.1	13.7

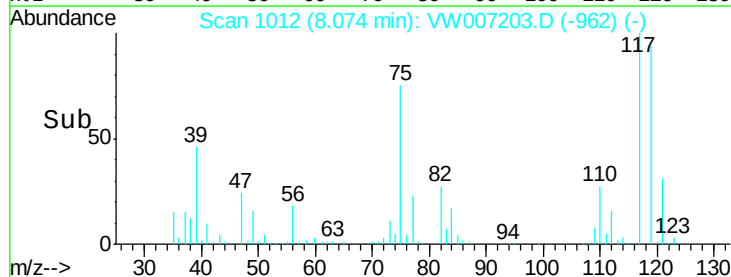
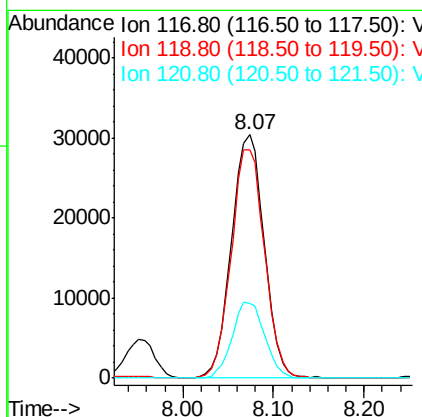
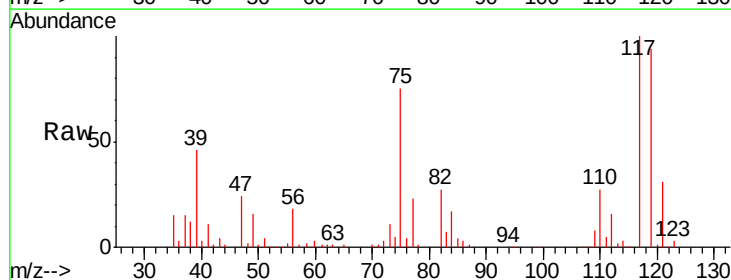
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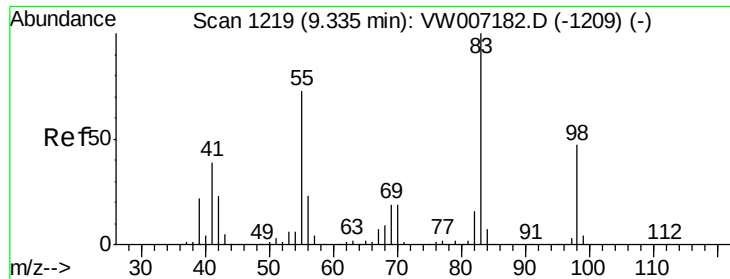
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#38
Carbon Tetrachloride
Concen: 45.267 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VW007203.D
Acq: 04 Dec 2018 23:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	74.1	111.1
121	30.6	23.9	35.9





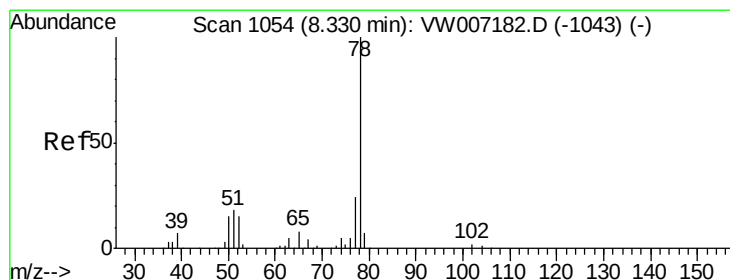
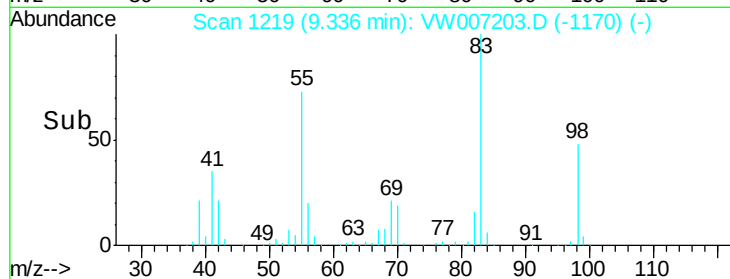
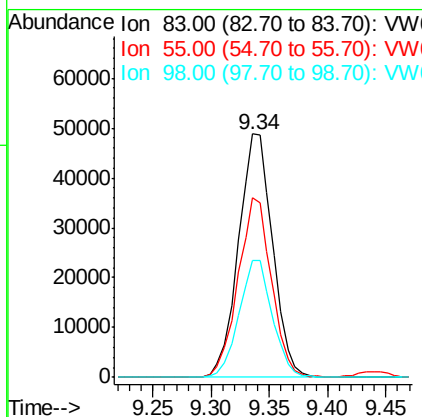
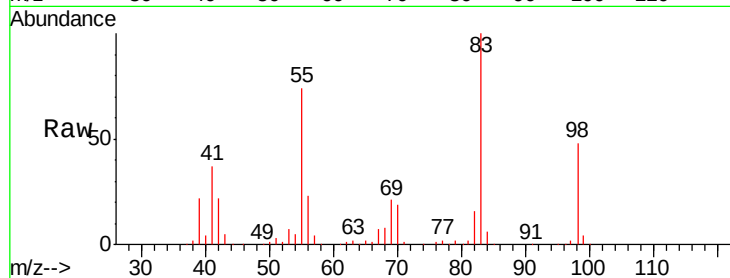
#39
Methylcyclohexane
Concen: 45.013 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW007203.D
Acq: 04 Dec 2018 23:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	73.6	58.1	87.1
98	47.9	37.3	55.9

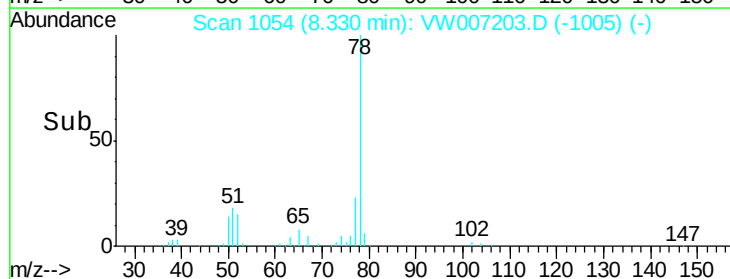
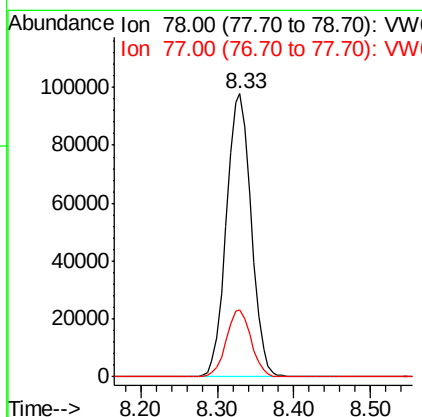
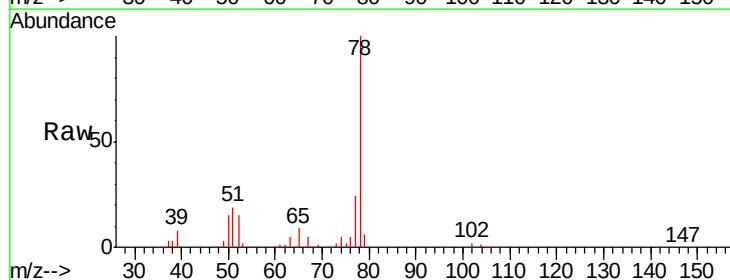
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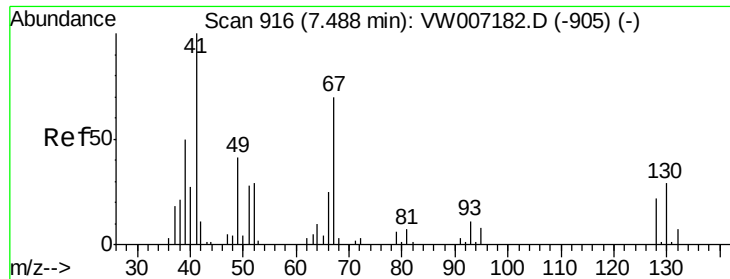
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#40
Benzene
Concen: 48.400 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW007203.D
Acq: 04 Dec 2018 23:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.9	28.3





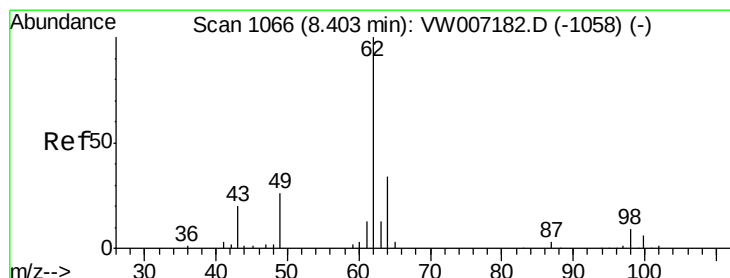
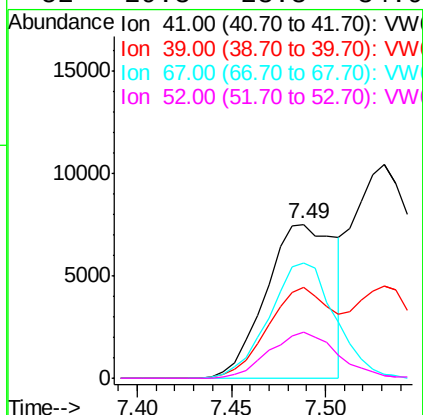
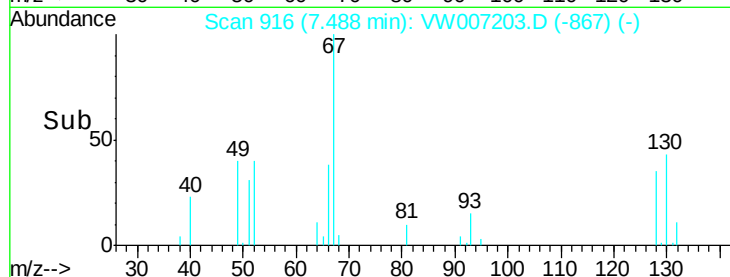
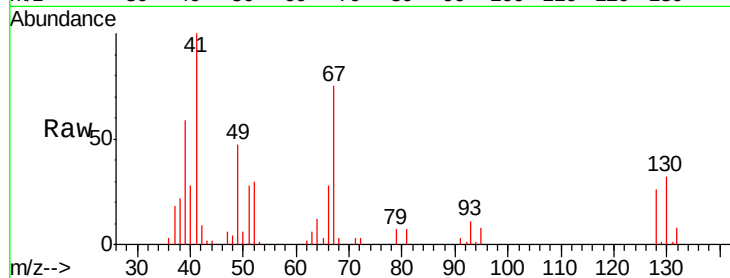
#41
Methacrylonitrile
Concen: 53.833 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW007203.D
Acq: 04 Dec 2018 23:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.2	43.4	65.0	
67	70.5	57.4	86.0	
52	29.3	23.3	34.9	

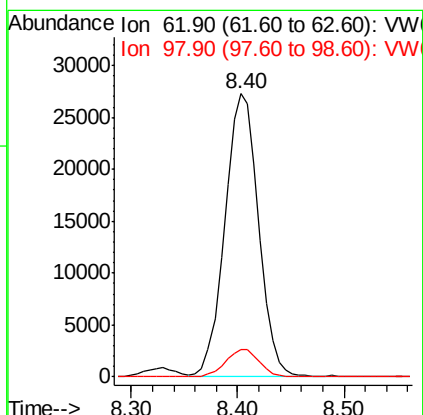
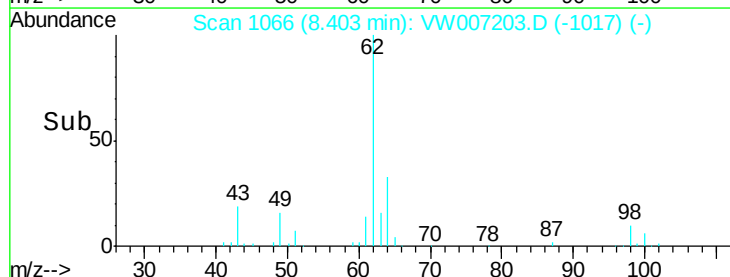
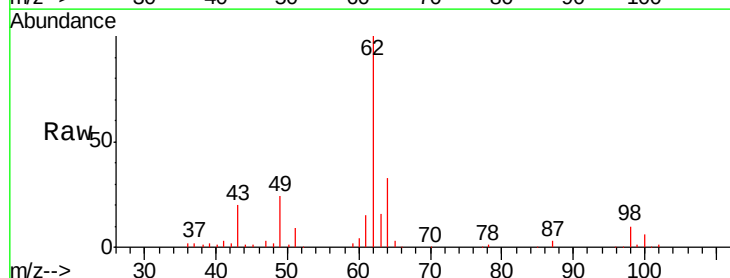
Manual Integrations
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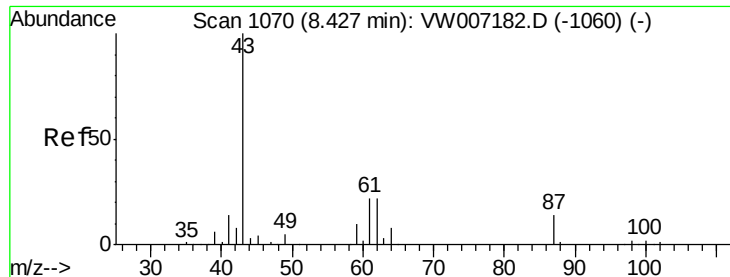
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#42
1,2-Dichloroethane
Concen: 47.665 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW007203.D
Acq: 04 Dec 2018 23:44

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.7	0.0	17.8	





#43

Isopropyl Acetate

Concen: 52.650 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW007203.D

Acq: 04 Dec 2018 23:44

Instrument :

MSVOA_W

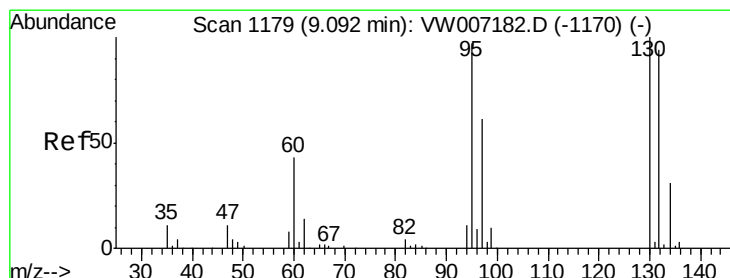
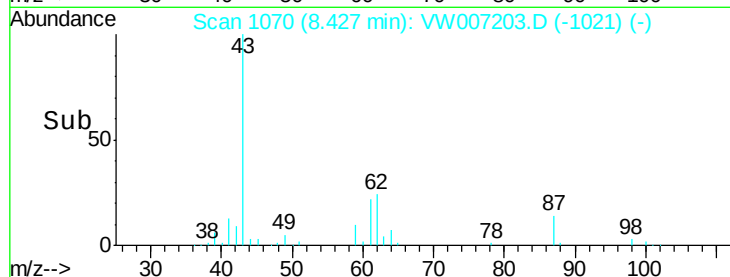
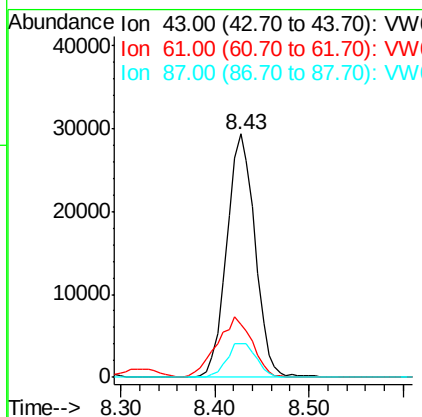
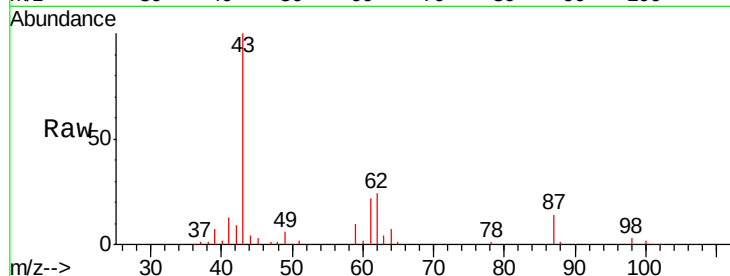
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	61165
Ion	Ratio	Lower	Upper
43	100		
61	30.8	25.4	38.0
87	14.7	11.4	17.0

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#44

Trichloroethene

Concen: 47.614 ug/l

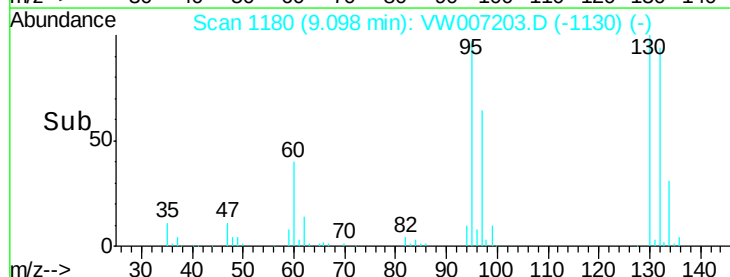
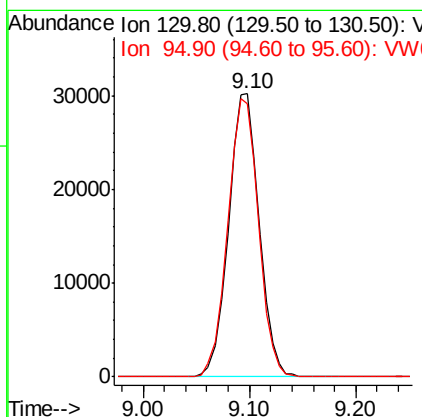
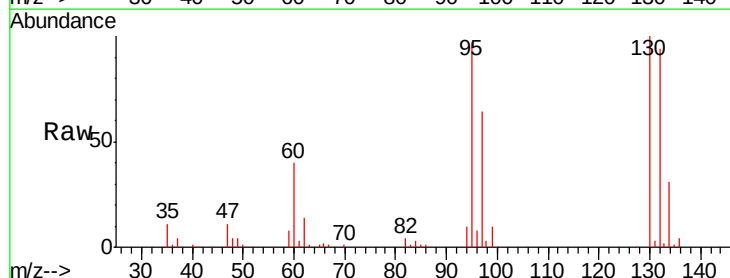
RT: 9.10 min Scan# 1180

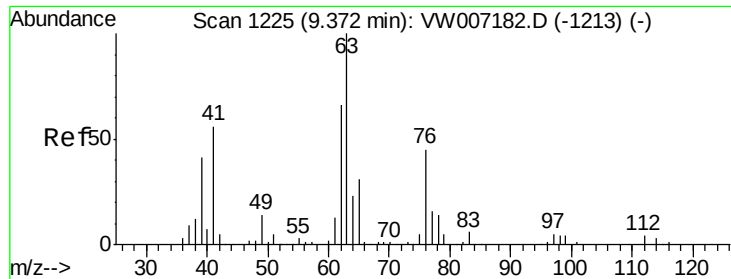
Delta R.T. 0.01 min

Lab File: VW007203.D

Acq: 04 Dec 2018 23:44

Tgt Ion:	130	Resp:	60688
Ion	Ratio	Lower	Upper
130	100		
95	96.5	0.0	194.0





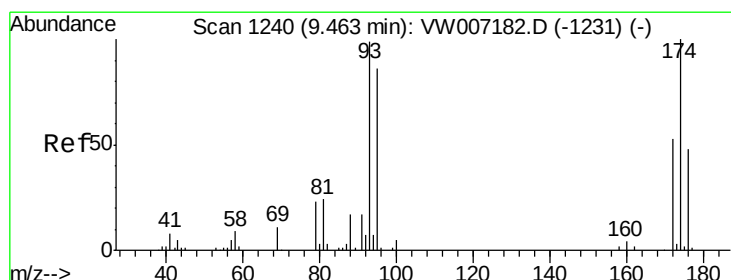
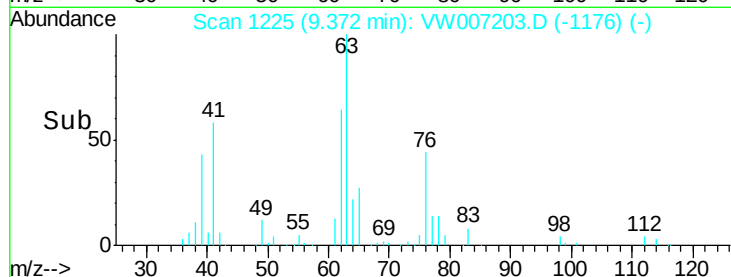
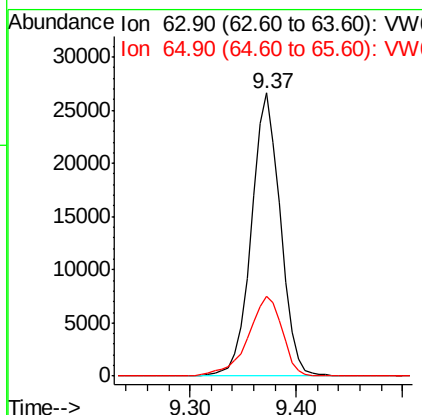
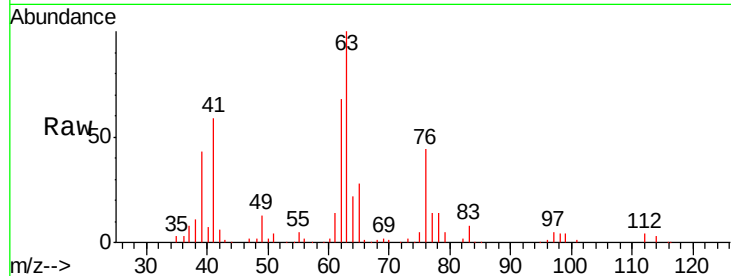
#45
 1,2-Dichloropropane
 Concen: 48.104 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW007203.D
 Acq: 04 Dec 2018 23:44

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tgt Ion: 63 Resp: 50758
 Ion Ratio Lower Upper
 63 100
 65 28.1 25.0 37.4

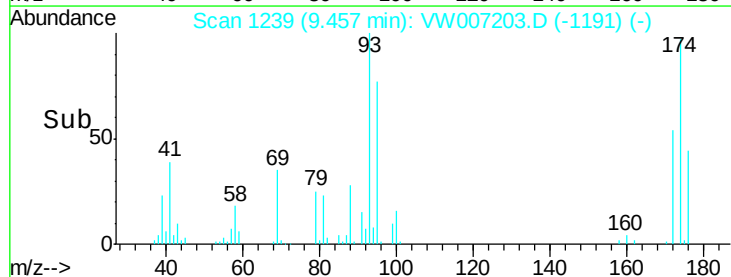
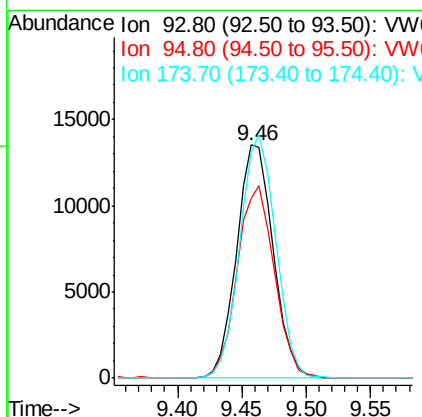
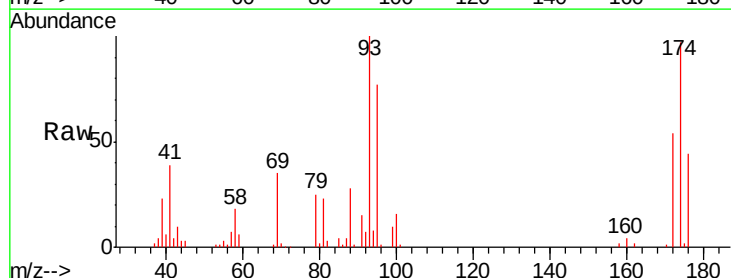
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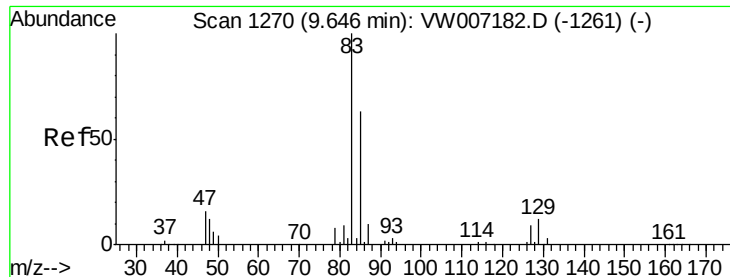
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#46
 Dibromomethane
 Concen: 48.566 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW007203.D
 Acq: 04 Dec 2018 23:44

Tgt Ion: 93 Resp: 26629
 Ion Ratio Lower Upper
 93 100
 95 83.5 68.7 103.1
 174 102.0 82.9 124.3





#47

Bromodichloromethane

Concen: 47.299 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW007203.D

Acq: 04 Dec 2018 23:44

Instrument :

MSVOA_W

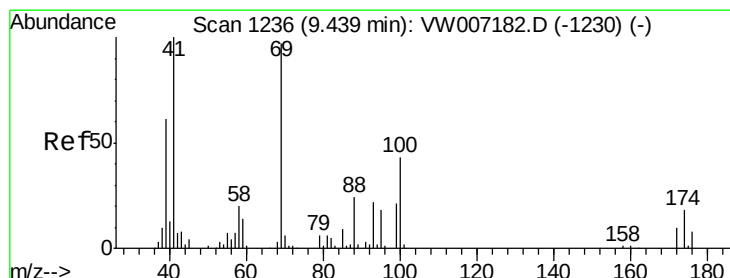
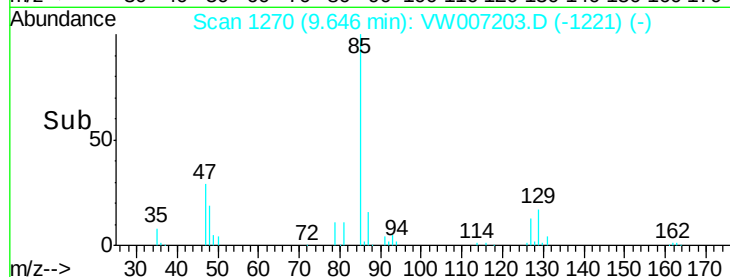
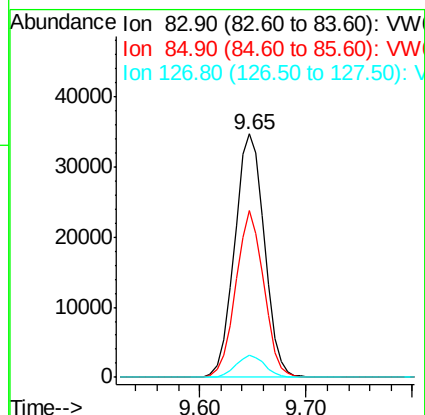
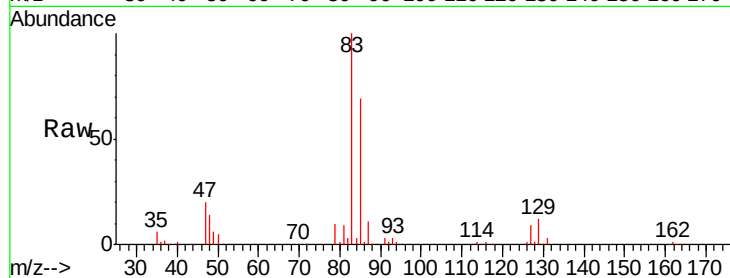
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	68218
Ion Ratio	Lower	Upper	
83	100		
85	68.6	50.6	76.0
127	9.1	7.3	10.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.639 ug/l

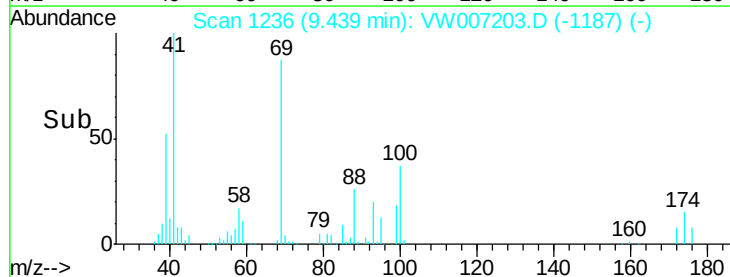
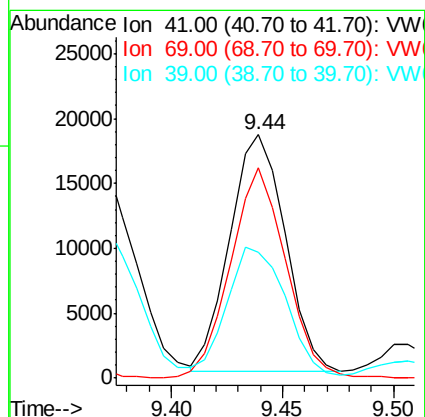
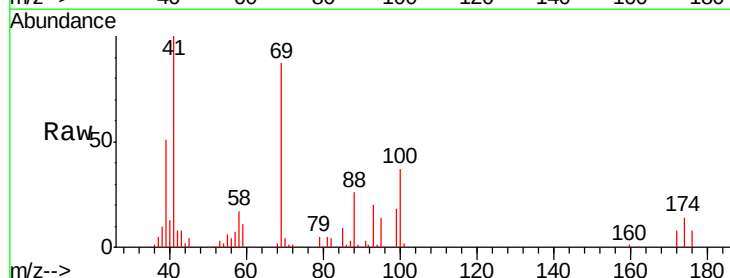
RT: 9.44 min Scan# 1236

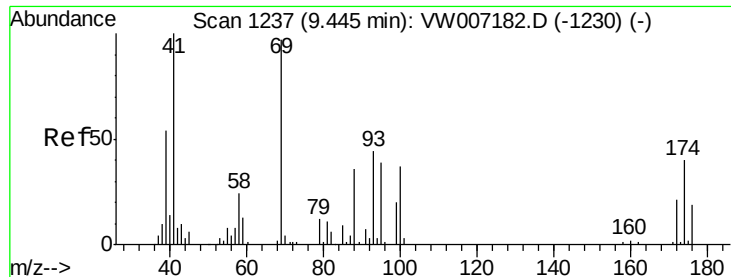
Delta R.T. 0.00 min

Lab File: VW007203.D

Acq: 04 Dec 2018 23:44

Tgt Ion:	41	Resp:	31738
Ion Ratio	Lower	Upper	
41	100		
69	88.9	69.6	104.4
39	56.2	42.4	63.6





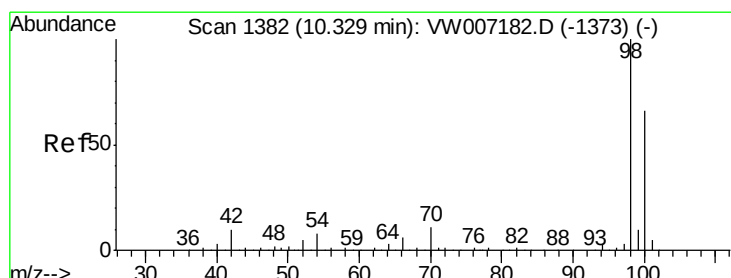
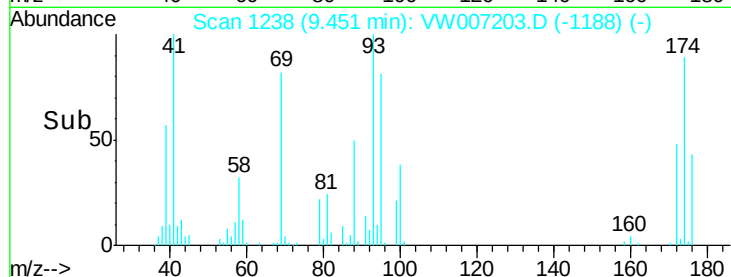
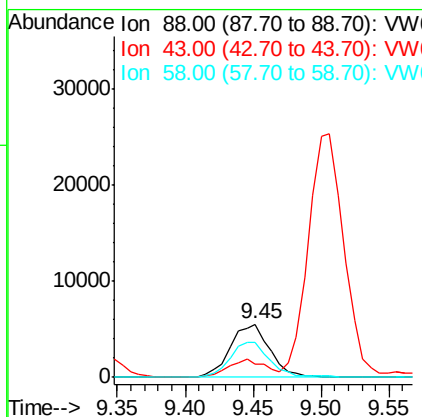
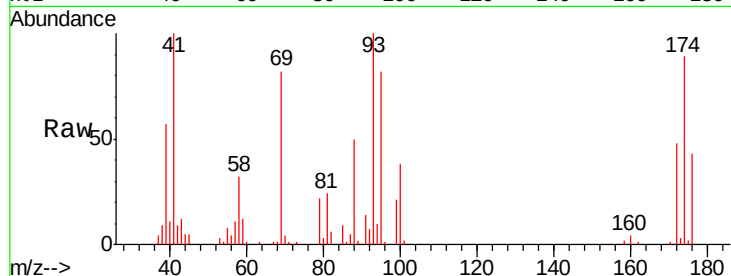
#49
1,4-Dioxane
Concen: 1162.838 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VW007203.D
Acq: 04 Dec 2018 23:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	11138		
43	32.8	25.8	38.8	
58	67.7	58.9	88.3	

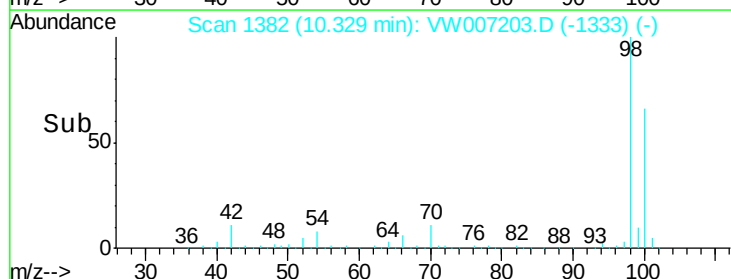
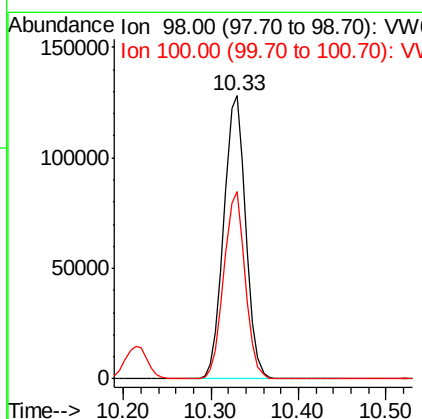
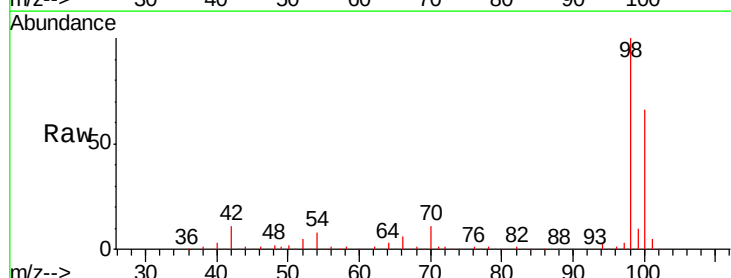
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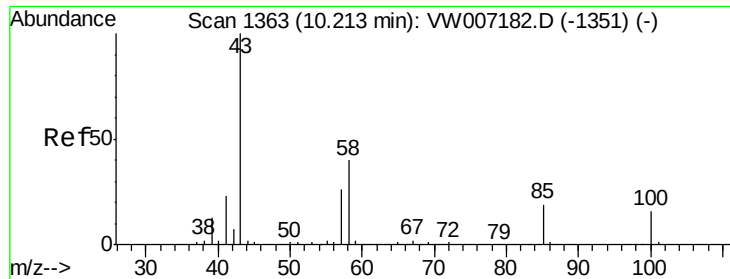
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#50
Toluene-d8
Concen: 51.954 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW007203.D
Acq: 04 Dec 2018 23:44

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	222700		
100	64.5	52.7	79.1	





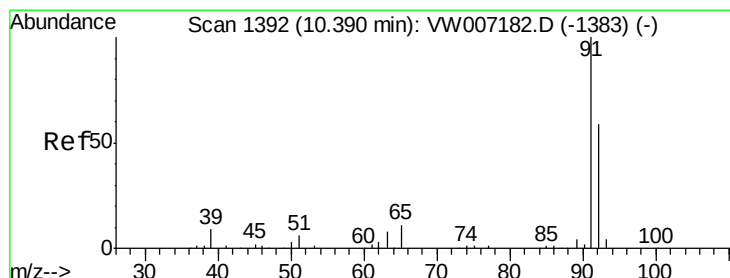
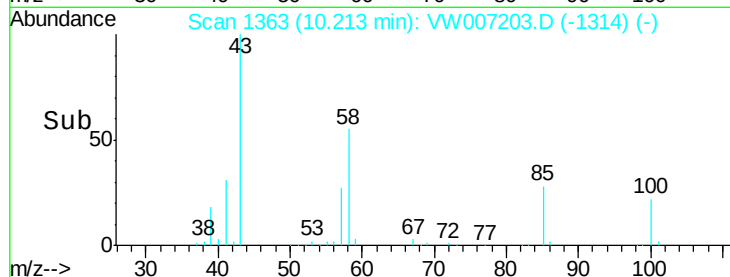
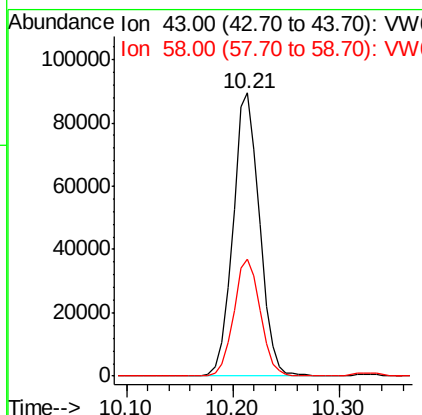
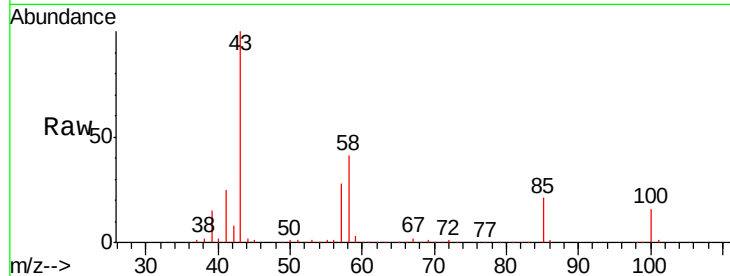
#51
4-Methyl-2-Pentanone
Concen: 273.090 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW007203.D
Acq: 04 Dec 2018 23:44

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tgt Ion: 43 Resp: 156344
Ion Ratio Lower Upper
43 100
58 41.4 32.3 48.5

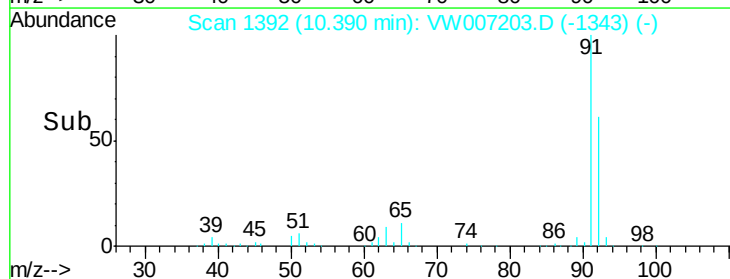
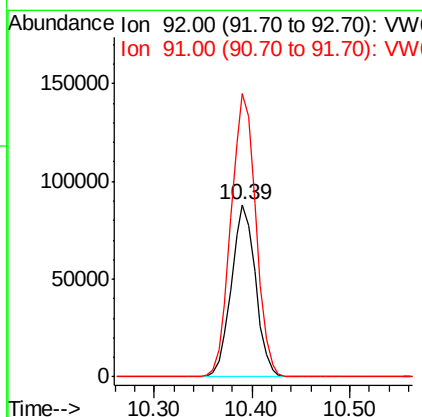
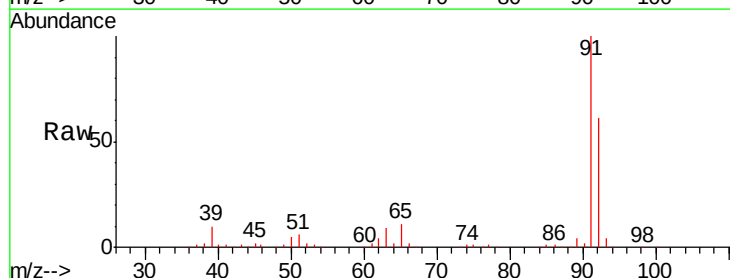
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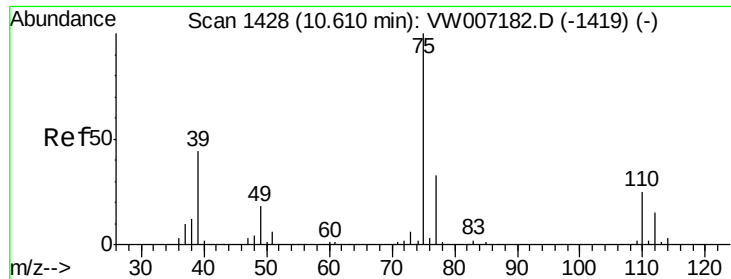
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#52
Toluene
Concen: 47.774 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW007203.D
Acq: 04 Dec 2018 23:44

Tgt Ion: 92 Resp: 150688
Ion Ratio Lower Upper
92 100
91 169.5 136.0 204.0





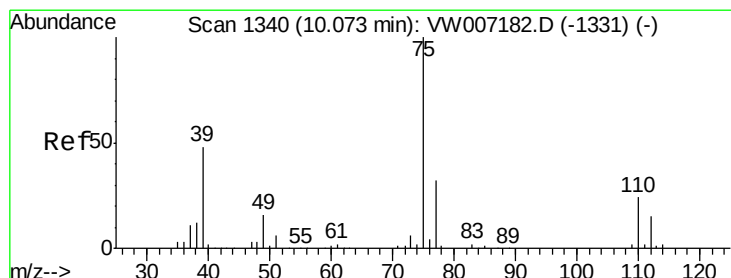
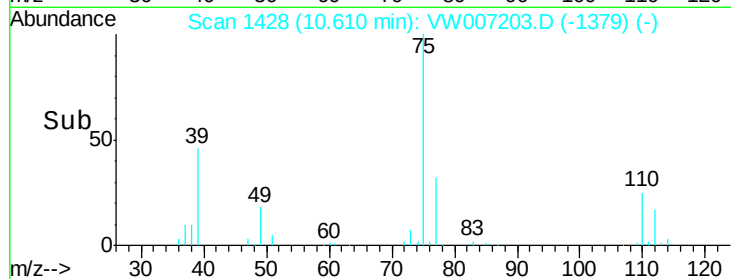
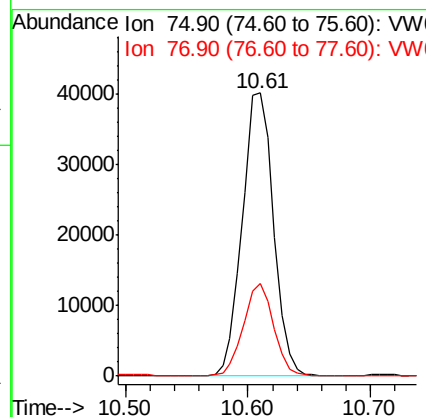
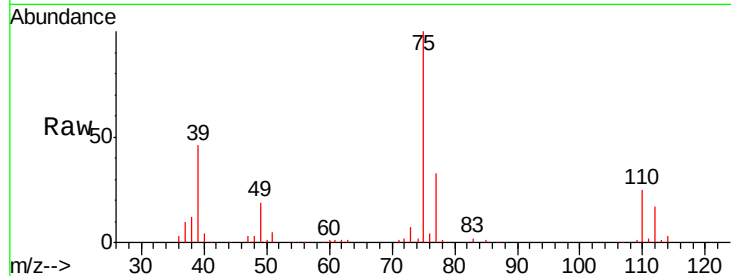
#53
t-1,3-Dichloropropene
Concen: 49.065 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW007203.D
Acq: 04 Dec 2018 23:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 71147
Ion Ratio Lower Upper
75 100
77 32.4 26.2 39.2

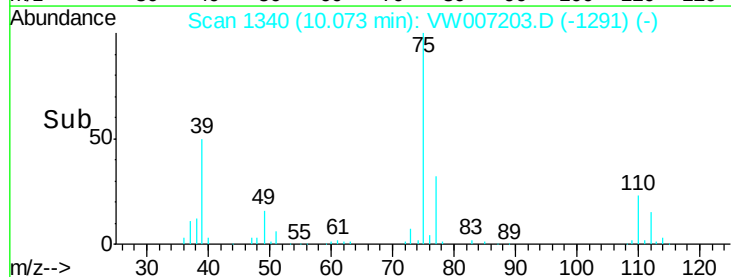
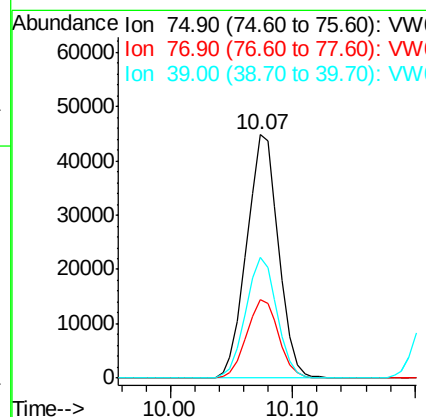
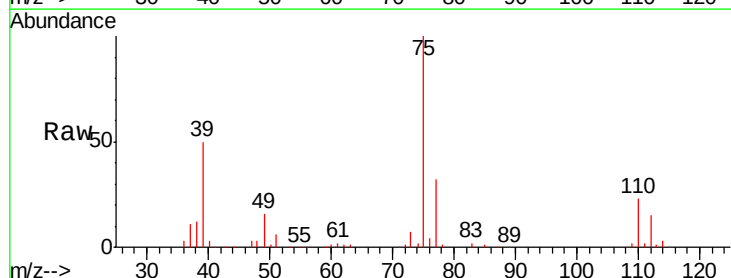
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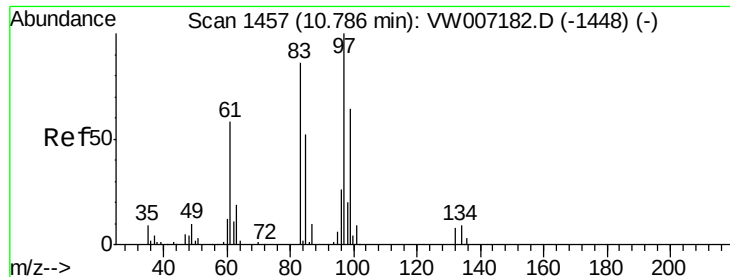
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#54
cis-1,3-Dichloropropene
Concen: 47.717 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW007203.D
Acq: 04 Dec 2018 23:44

Tgt Ion: 75 Resp: 81087
Ion Ratio Lower Upper
75 100
77 32.0 26.0 39.0
39 49.8 38.0 57.0





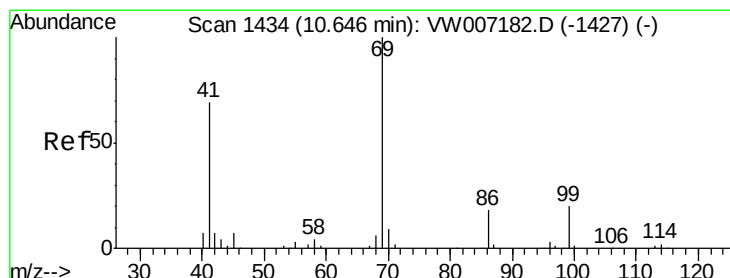
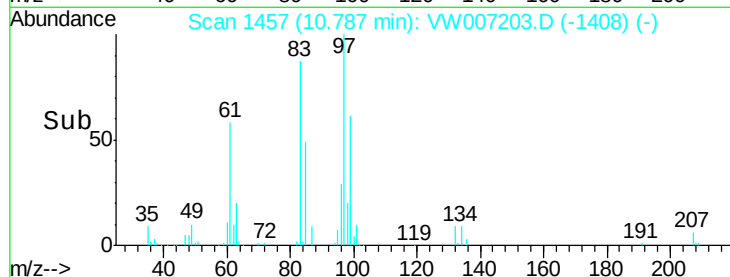
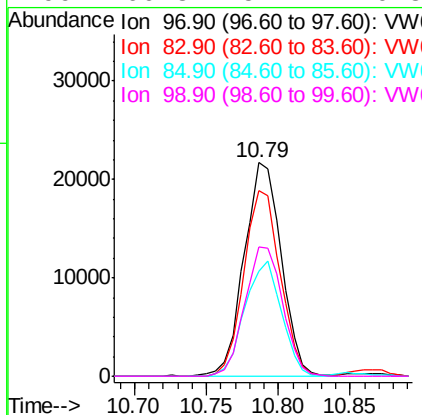
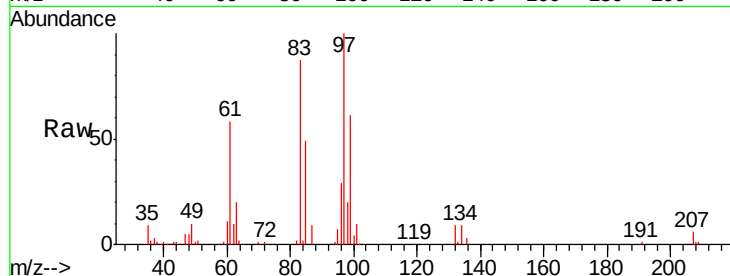
#55
 1,1,2-Trichloroethane
 Concen: 49.832 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW007203.D
 Acq: 04 Dec 2018 23:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	38865		
83	86.8	68.6	102.8	
85	49.3	41.4	62.2	
99	60.8	51.2	76.8	

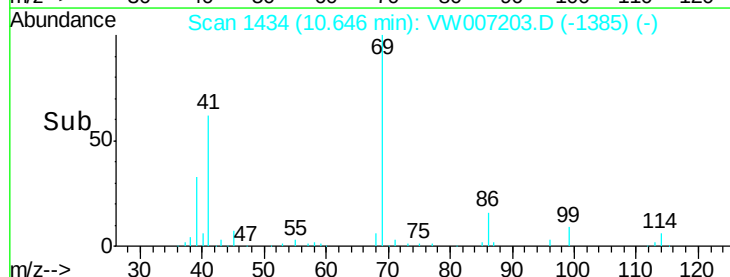
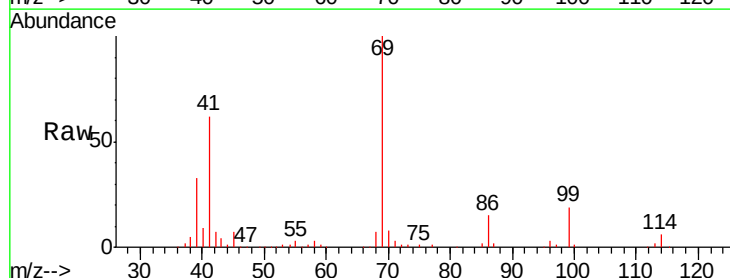
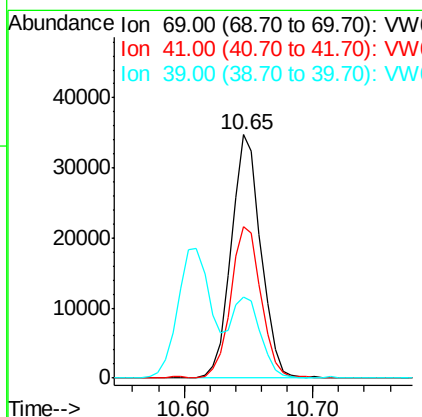
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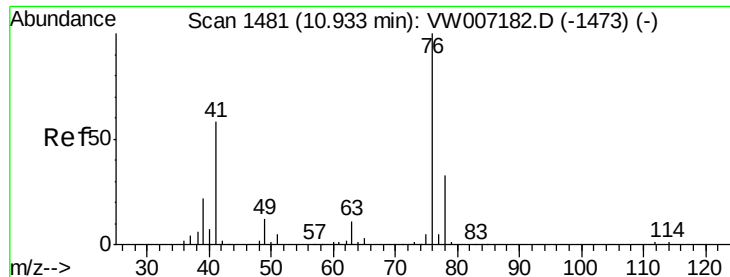
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#56
 Ethyl methacrylate
 Concen: 54.767 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW007203.D
 Acq: 04 Dec 2018 23:44

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	55717		
41	64.0	51.8	77.6	
39	33.9	28.7	43.1	





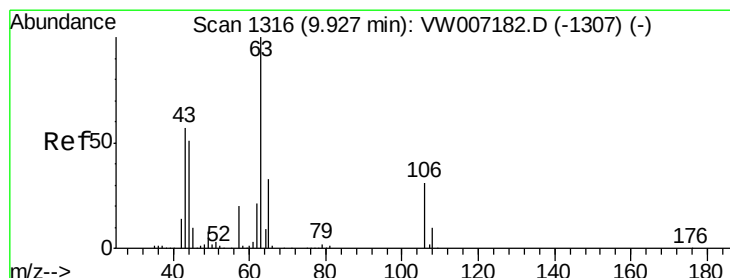
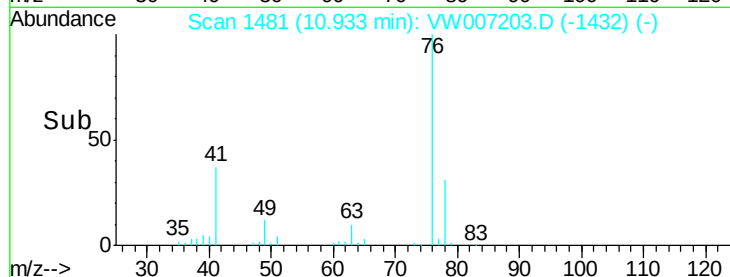
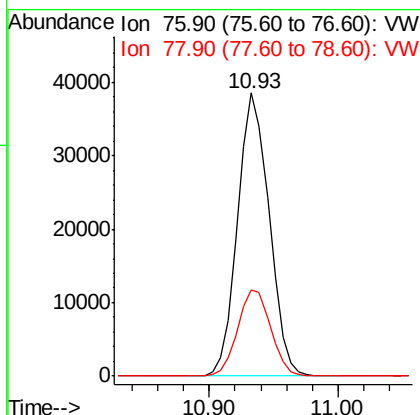
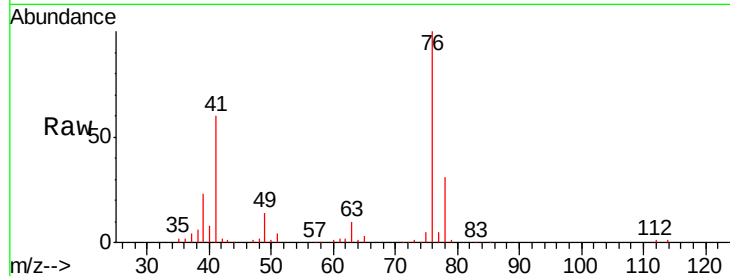
#57
 1,3-Dichloropropane
 Concen: 49.605 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW007203.D
 Acq: 04 Dec 2018 23:44

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tgt Ion: 76 Resp: 65317
 Ion Ratio Lower Upper
 76 100
 78 31.7 26.6 40.0

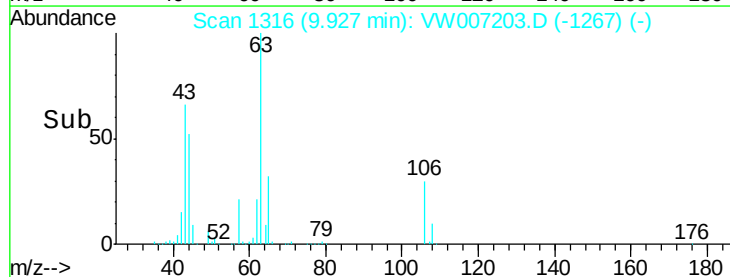
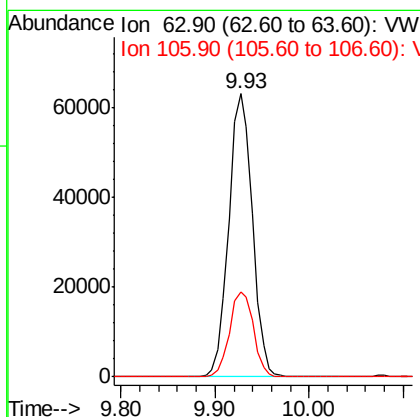
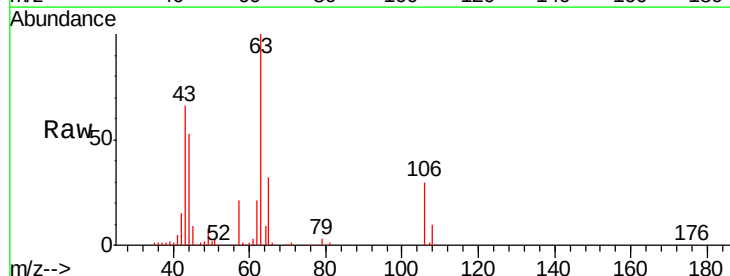
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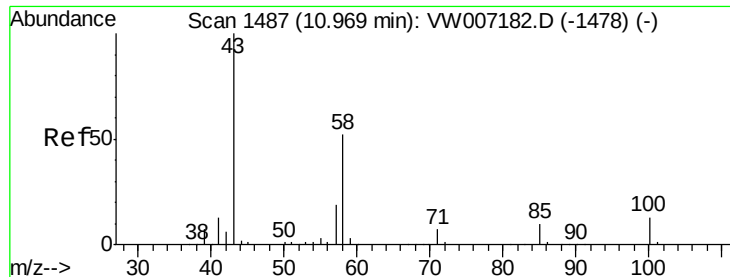
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#58
 2-Chloroethyl Vinyl ether
 Concen: 269.432 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW007203.D
 Acq: 04 Dec 2018 23:44

Tgt Ion: 63 Resp: 110099
 Ion Ratio Lower Upper
 63 100
 106 30.3 24.1 36.1





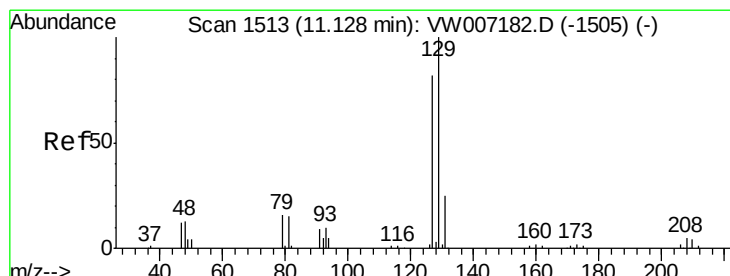
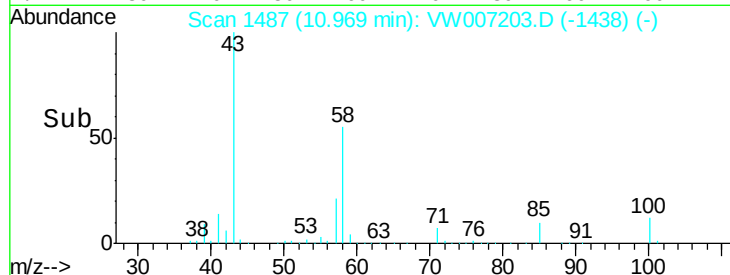
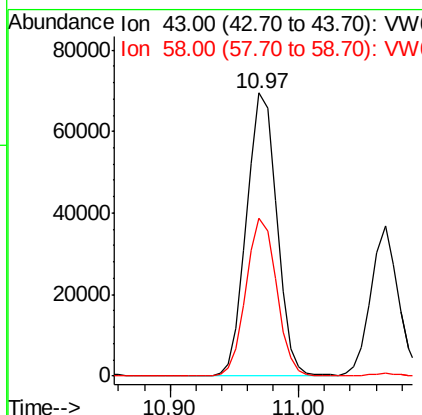
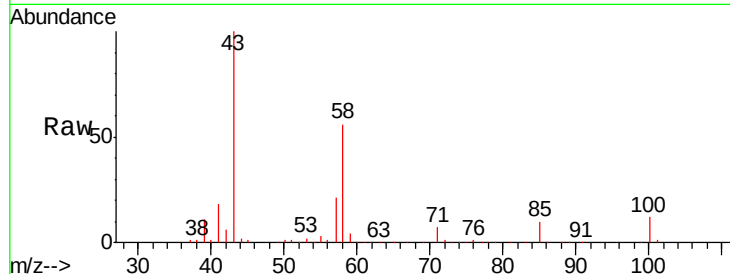
#59
2-Hexanone
Concen: 272.547 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW007203.D
Acq: 04 Dec 2018 23:44

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tgt Ion: 43 Resp: 113111
Ion Ratio Lower Upper
43 100
58 56.2 28.1 84.4

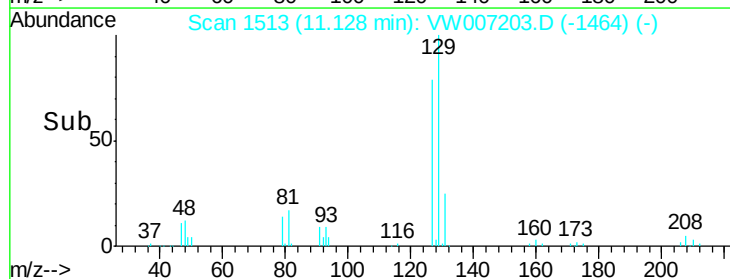
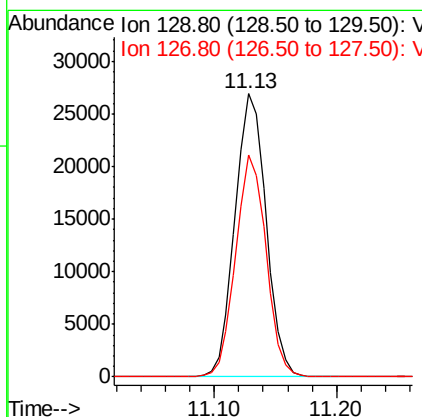
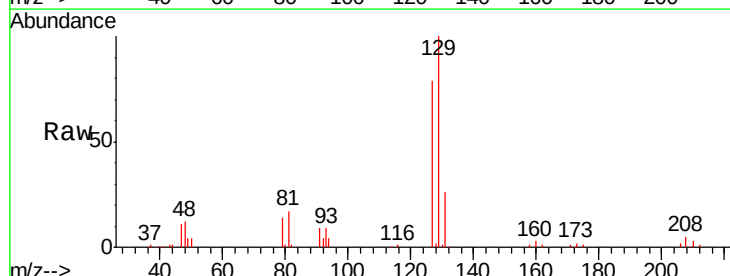
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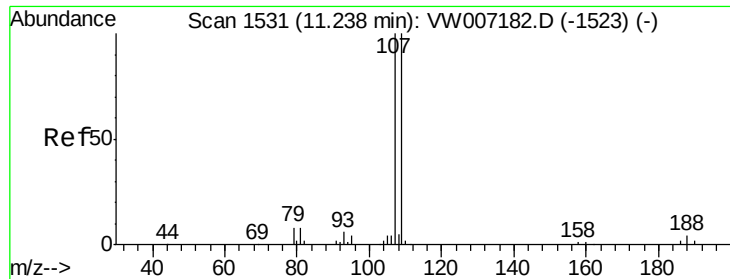
apatel
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#60
Dibromochloromethane
Concen: 49.627 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW007203.D
Acq: 04 Dec 2018 23:44

Tgt Ion: 129 Resp: 47570
Ion Ratio Lower Upper
129 100
127 76.7 39.8 119.4





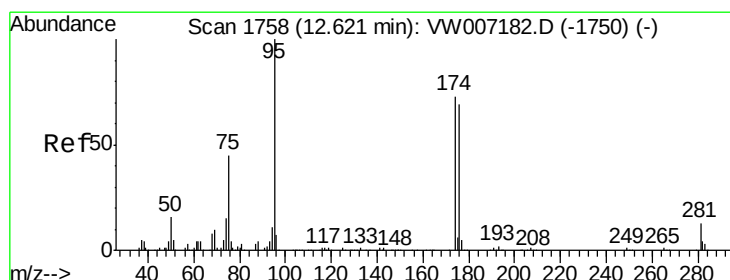
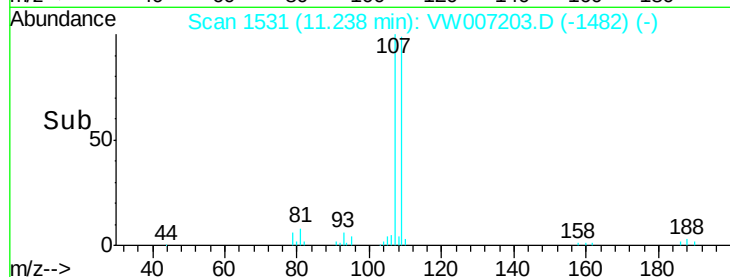
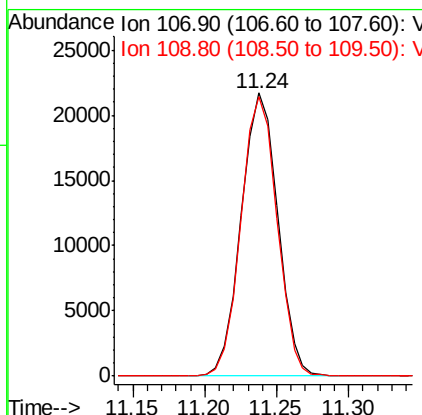
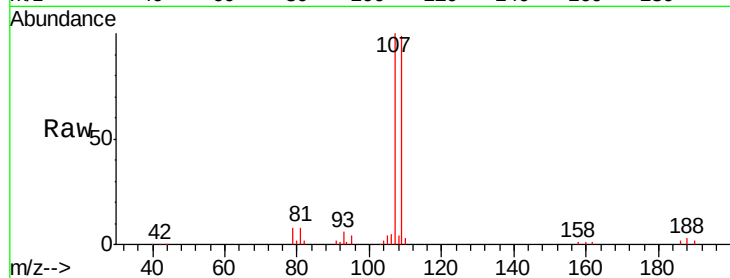
#61
 1,2-Dibromoethane
 Concen: 51.078 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW007203.D
 Acq: 04 Dec 2018 23:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 107 Resp: 38209
 Ion Ratio Lower Upper
 107 100
 109 97.0 77.3 115.9

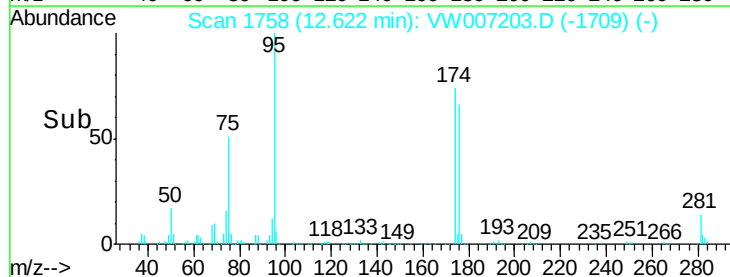
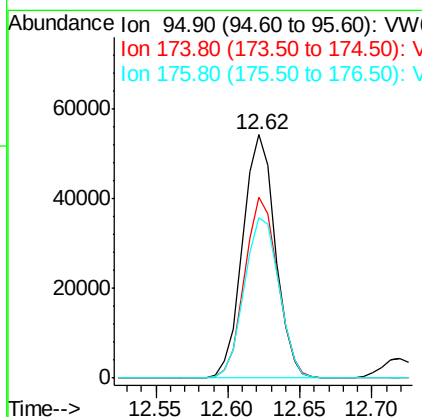
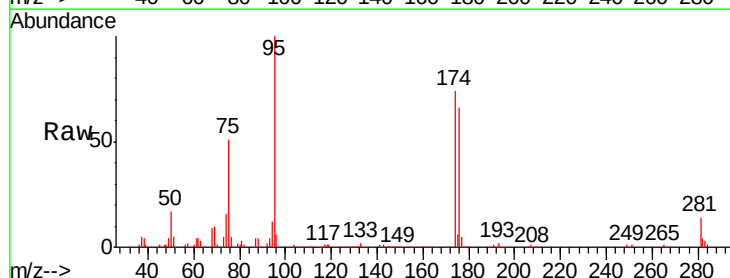
Manual Integrations
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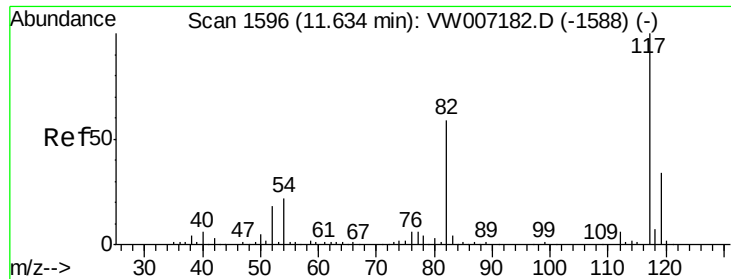
apatel
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#62
 4-Bromofluorobenzene
 Concen: 52.568 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW007203.D
 Acq: 04 Dec 2018 23:44

Tgt Ion: 95 Resp: 85050
 Ion Ratio Lower Upper
 95 100
 174 75.1 0.0 148.0
 176 70.3 0.0 139.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW007203.D

Acq: 04 Dec 2018 23:44

Instrument :

MSVOA_W

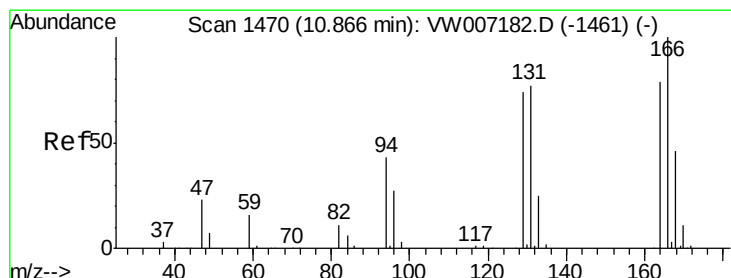
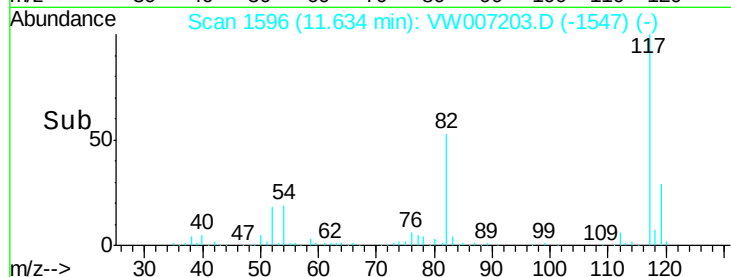
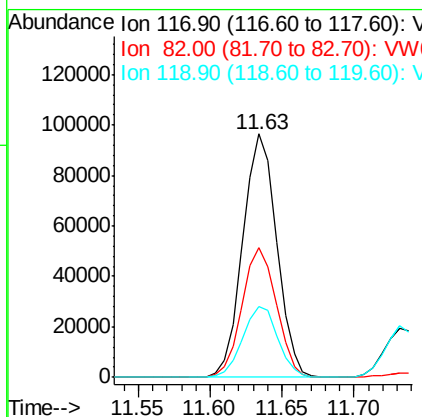
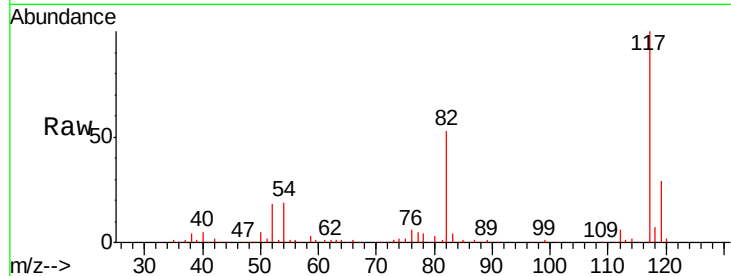
ClientSampleId :

VSTDCCC050

Tgt Ion:	117	Resp:	157638
Ion	Ratio	Lower	Upper
117	100		
82	53.1	47.4	71.2
119	29.2	26.8	40.2

Manual Integrations
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#64

Tetrachloroethene

Concen: 47.984 ug/l

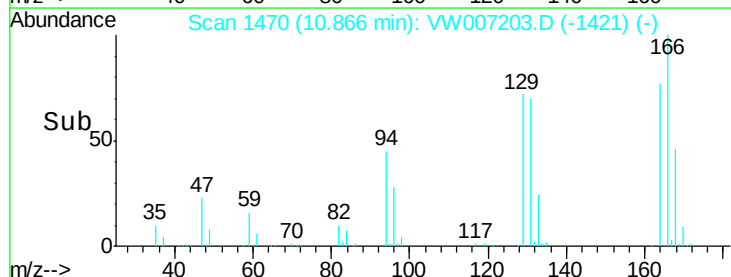
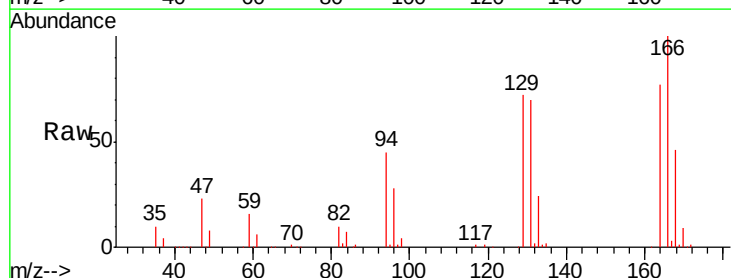
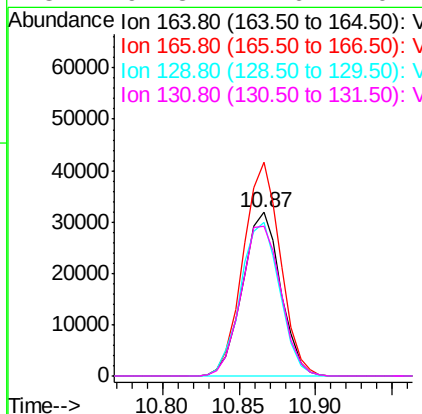
RT: 10.87 min Scan# 1470

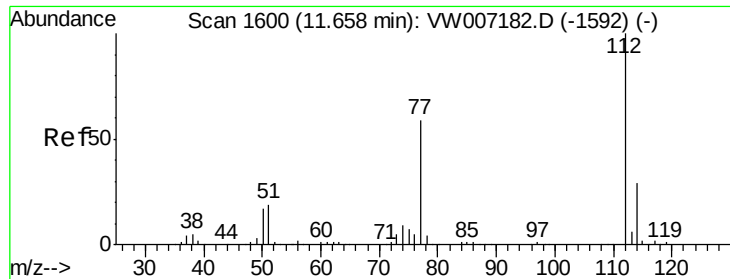
Delta R.T. 0.00 min

Lab File: VW007203.D

Acq: 04 Dec 2018 23:44

Tgt Ion:	164	Resp:	55264
Ion	Ratio	Lower	Upper
164	100		
166	130.5	101.0	151.4
129	94.1	74.6	111.8
131	91.3	77.6	116.4





#65

Chlorobenzene

Concen: 47.252 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW007203.D

Acq: 04 Dec 2018 23:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion:112 Resp: 166357

Ion Ratio Lower Upper

112 100

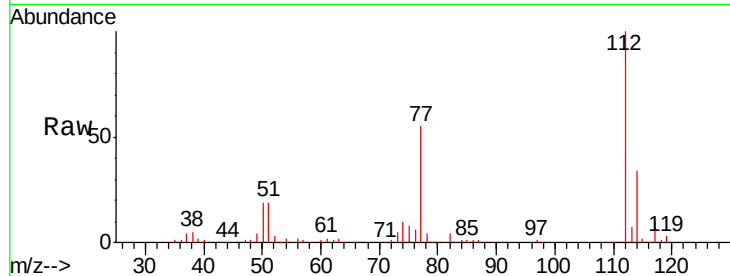
114 33.7 23.0 34.4

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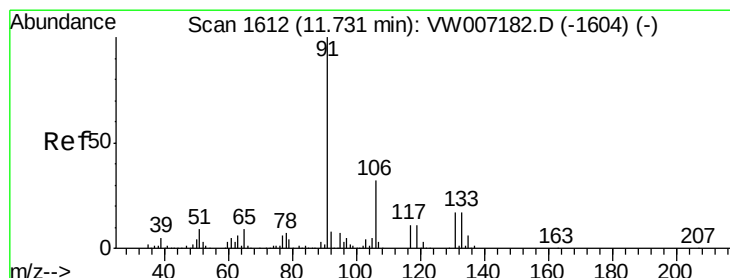
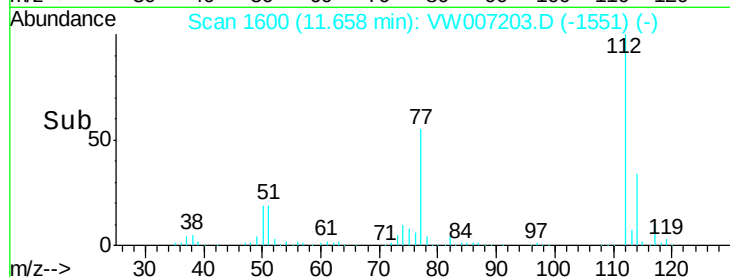
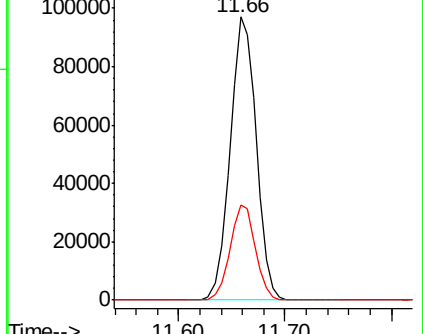
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 47.085 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW007203.D

Acq: 04 Dec 2018 23:44

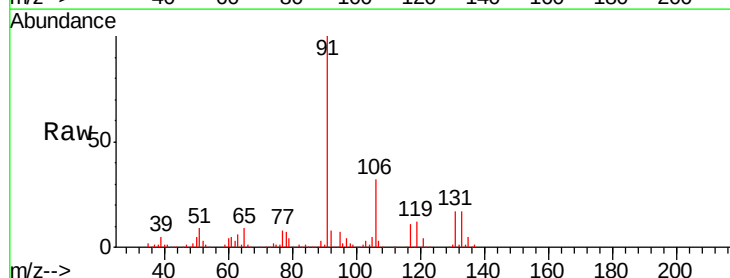
Tgt Ion:131 Resp: 51196

Ion Ratio Lower Upper

131 100

133 98.8 48.0 144.2

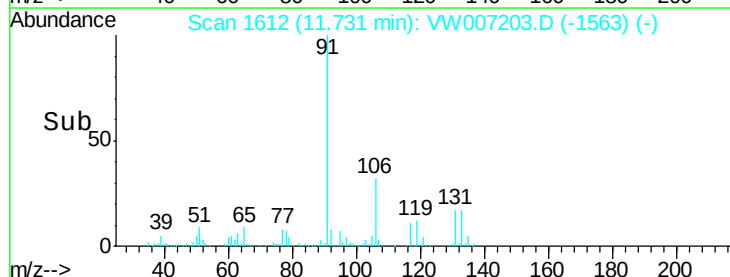
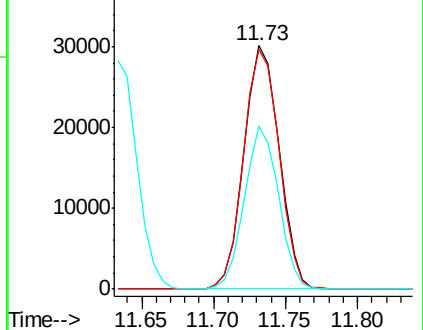
119 64.7 32.8 98.4

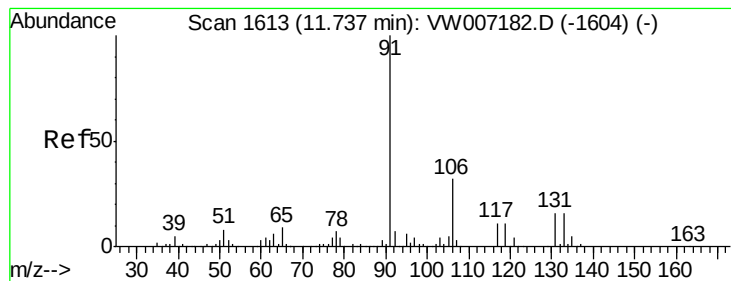


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 45.098 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.01 min

Lab File: VW007203.D

Acq: 04 Dec 2018 23:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 289379

Ion Ratio Lower Upper

91 100

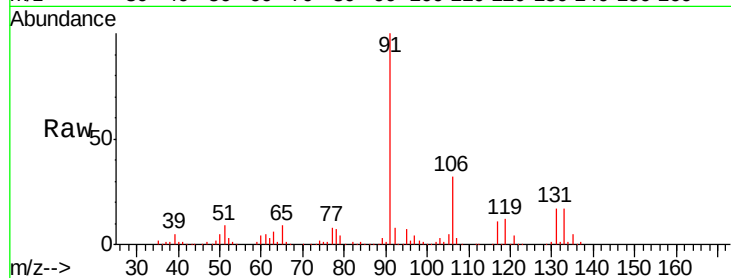
106 31.6 26.0 39.0

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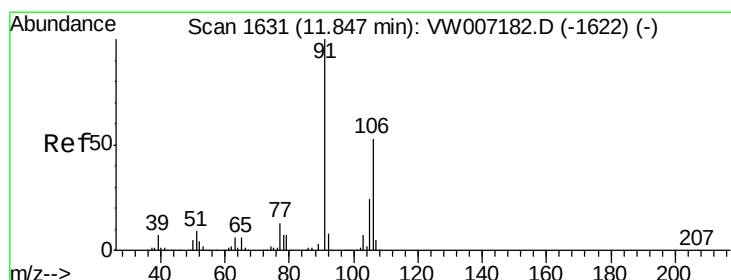
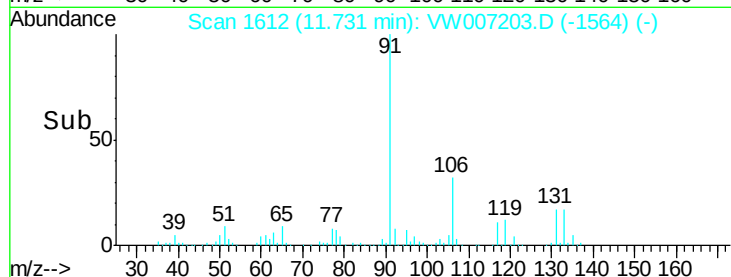
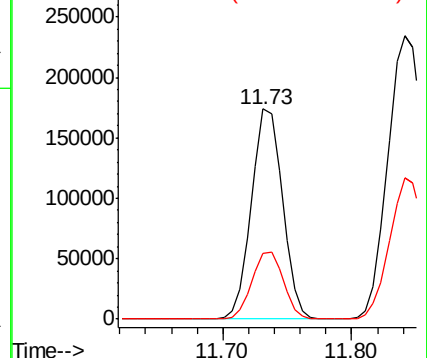
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 88.530 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.01 min

Lab File: VW007203.D

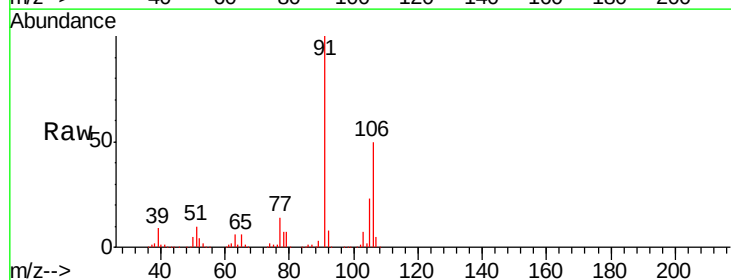
Acq: 04 Dec 2018 23:44

Tgt Ion: 106 Resp: 222856

Ion Ratio Lower Upper

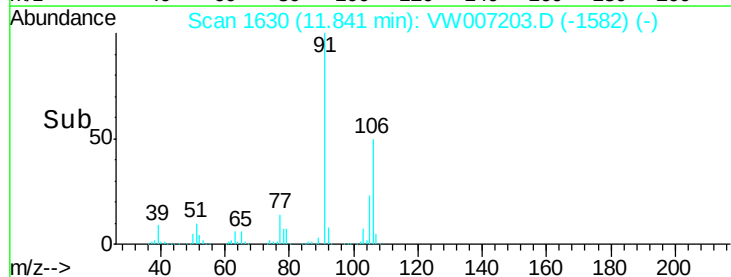
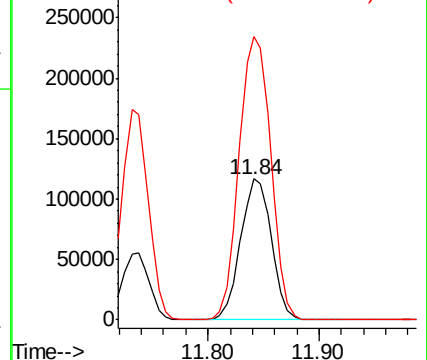
106 100

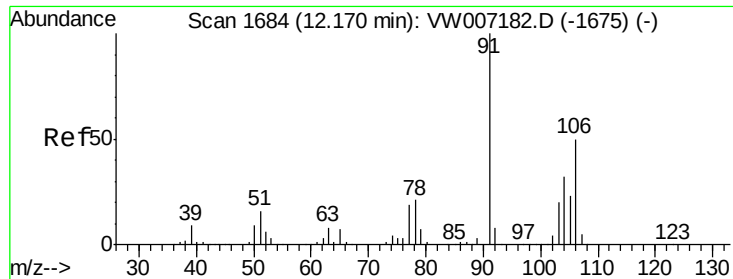
91 207.6 160.2 240.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





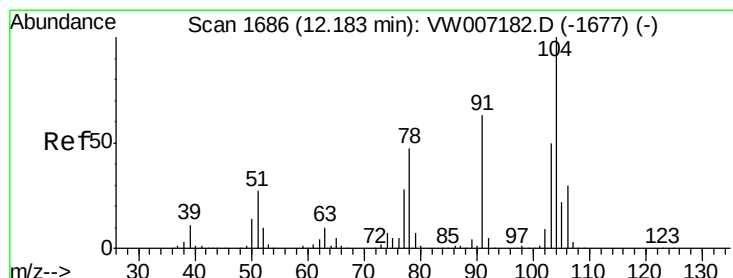
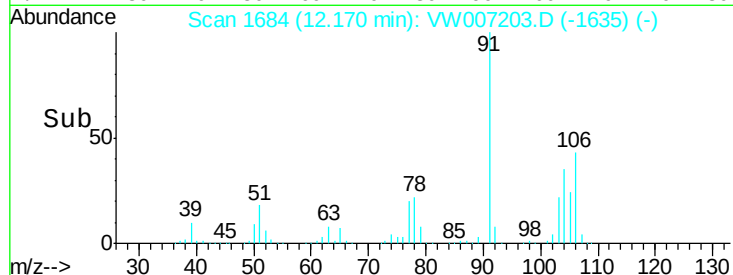
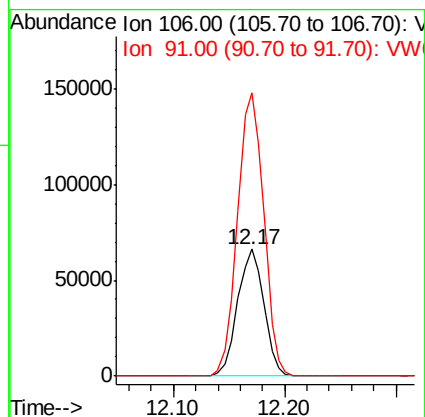
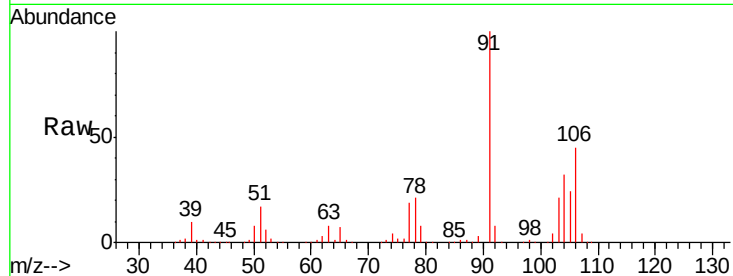
#69
o-Xylene
Concen: 46.006 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007203.D
Acq: 04 Dec 2018 23:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 108201
Ion Ratio Lower Upper
106 100
91 223.3 104.9 314.7

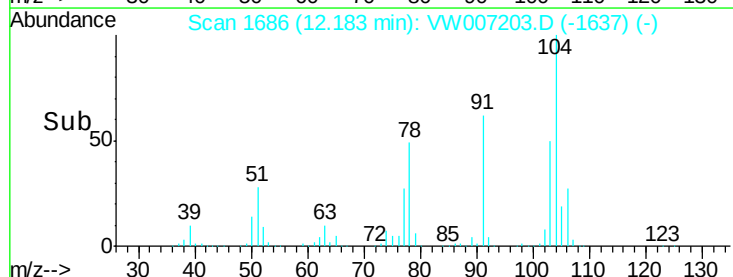
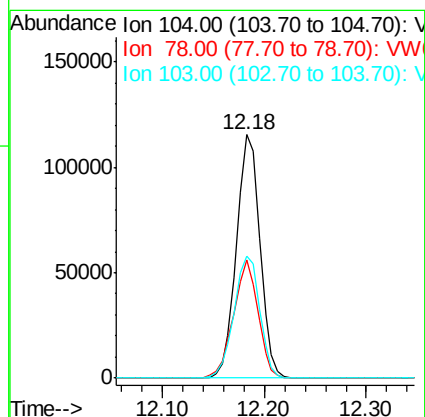
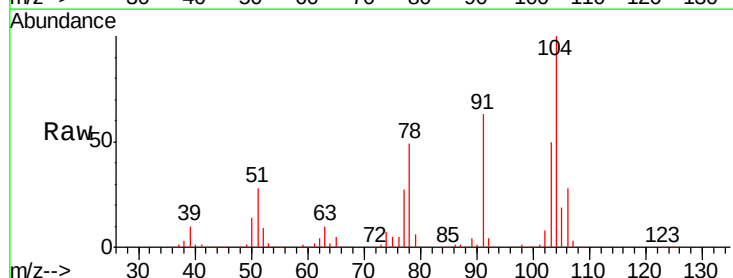
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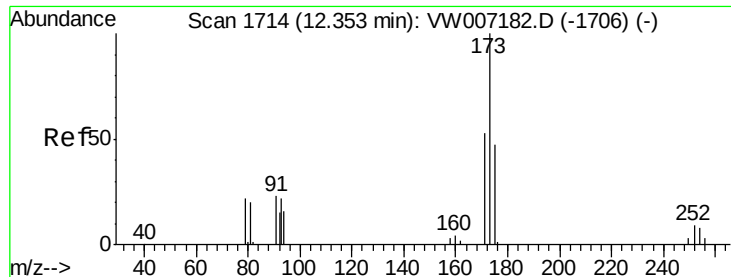
apatel
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#70
Styrene
Concen: 47.547 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW007203.D
Acq: 04 Dec 2018 23:44

Tgt Ion:104 Resp: 183055
Ion Ratio Lower Upper
104 100
78 50.8 40.6 60.8
103 55.0 43.0 64.4





#71

Bromoform

Concen: 52.385 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW007203.D

Acq: 04 Dec 2018 23:44

Instrument :

MSVOA_W

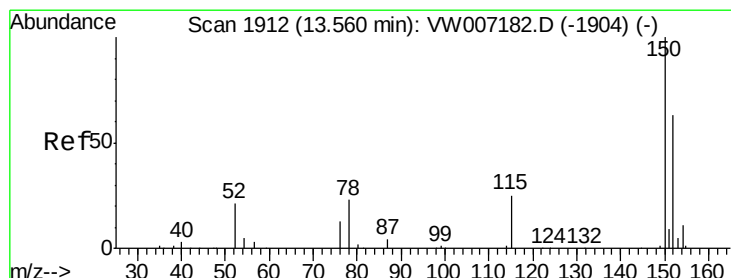
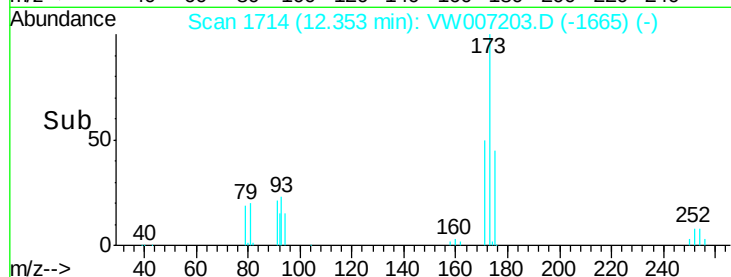
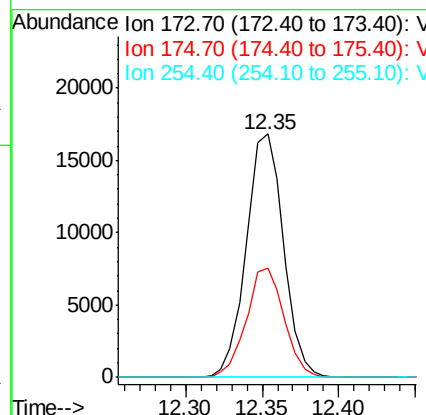
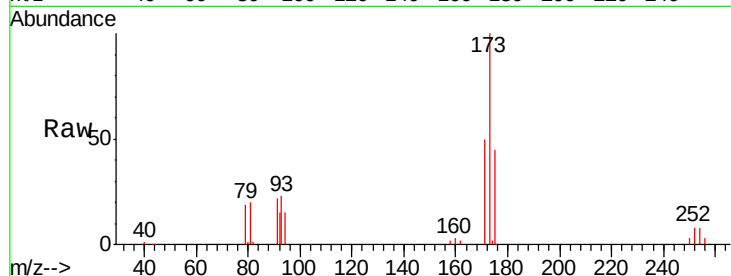
ClientSampleId :

VSTDCCC050

Tgt Ion:	173	Resp:	28513
Ion Ratio	Lower	Upper	
173	100		
175	45.4	24.0	72.0
254	0.0	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

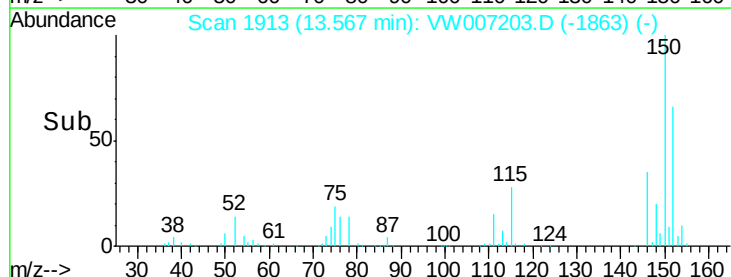
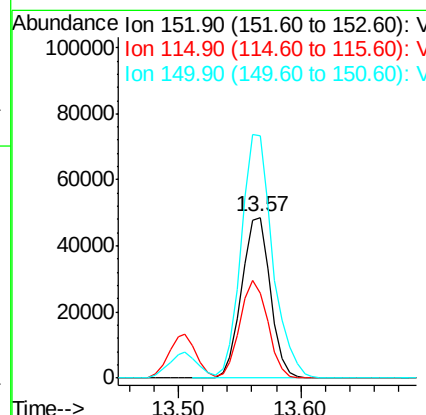
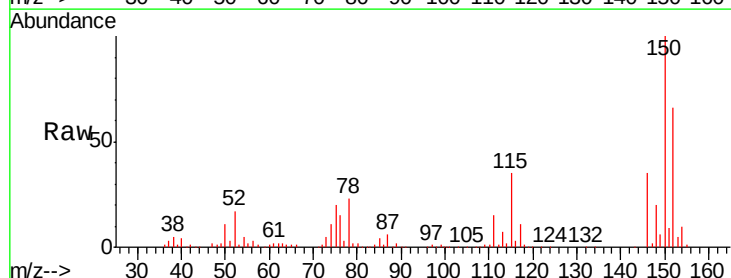
RT: 13.57 min Scan# 1913

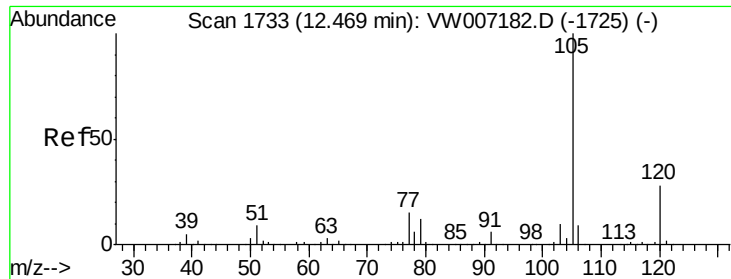
Delta R.T. 0.01 min

Lab File: VW007203.D

Acq: 04 Dec 2018 23:44

Tgt Ion:	152	Resp:	78678
Ion Ratio	Lower	Upper	
152	100		
115	59.6	31.3	93.8
150	166.1	0.0	358.0





#73

Isopropylbenzene

Concen: 45.816 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW007203.D

Acq: 04 Dec 2018 23:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 293183

Ion Ratio Lower Upper

105 100

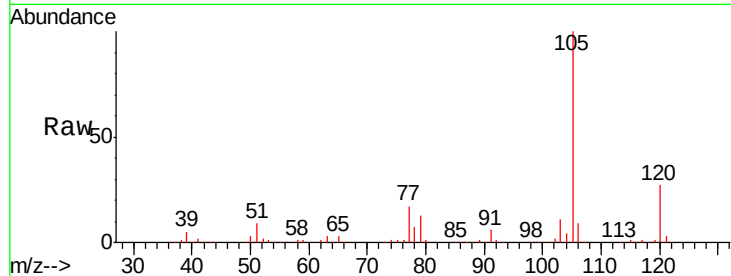
120 26.8 13.2 39.6

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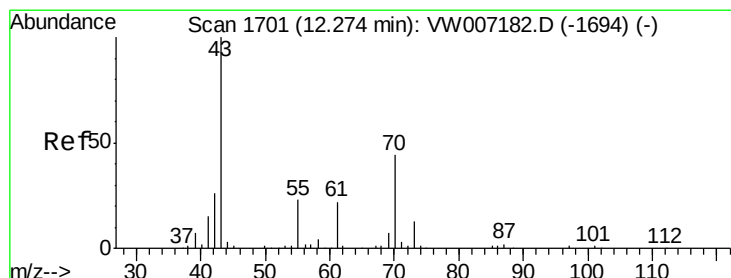
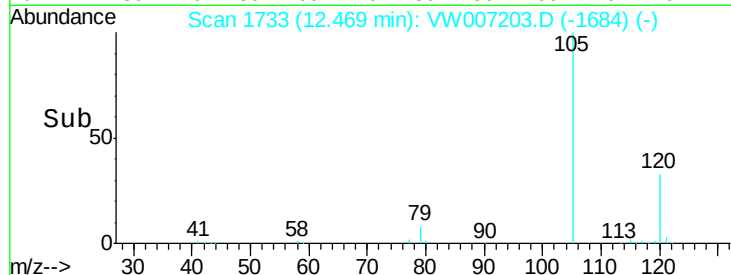
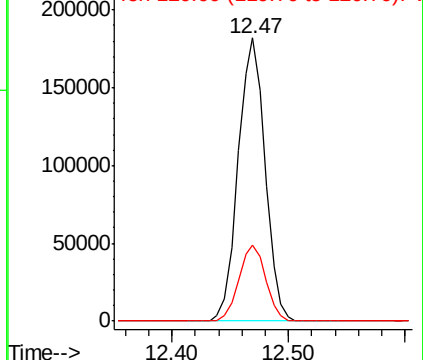
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.550 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW007203.D

Acq: 04 Dec 2018 23:44

Tgt Ion: 43 Resp: 60755

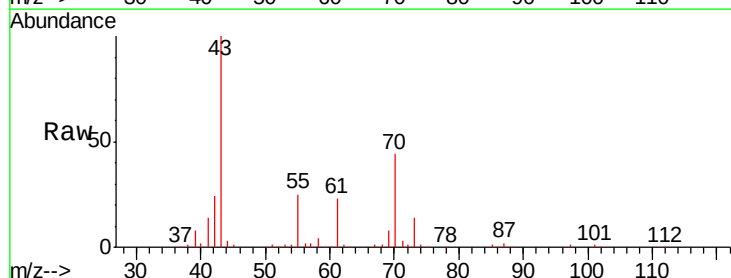
Ion Ratio Lower Upper

43 100

70 43.7 34.0 51.0

55 25.0 19.0 28.6

61 24.8 19.7 29.5

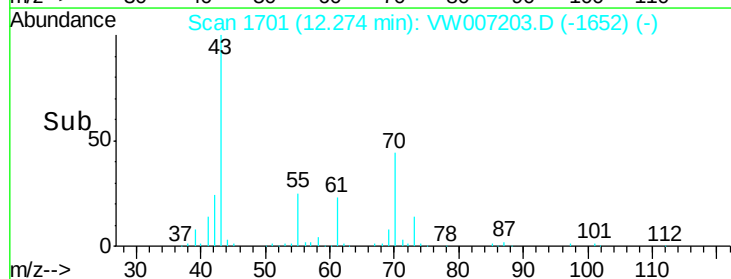
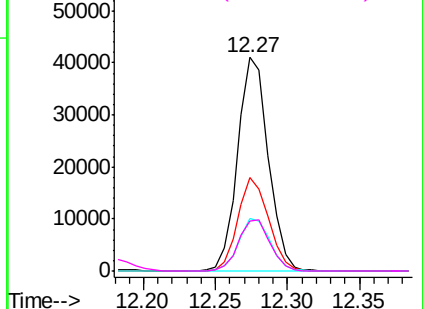


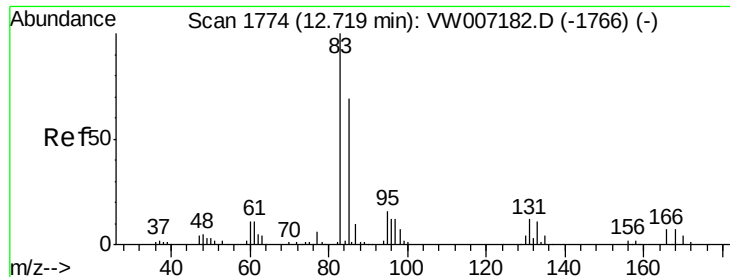
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 53.546 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW007203.D

Acq: 04 Dec 2018 23:44

Instrument :

MSVOA_W

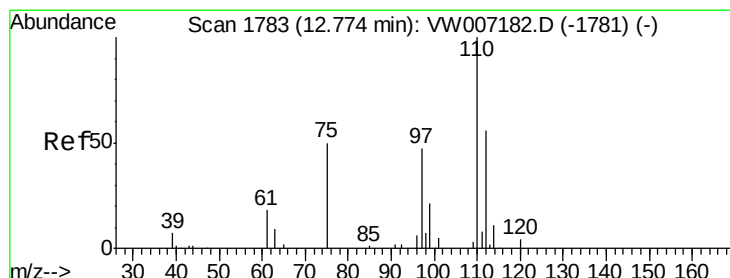
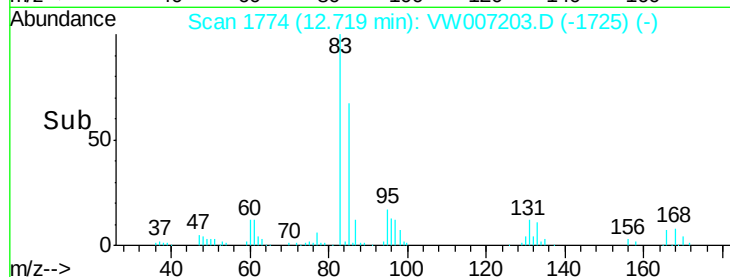
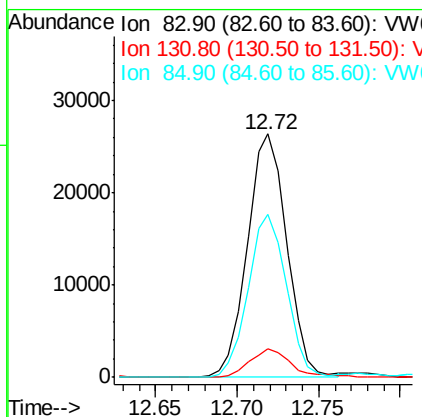
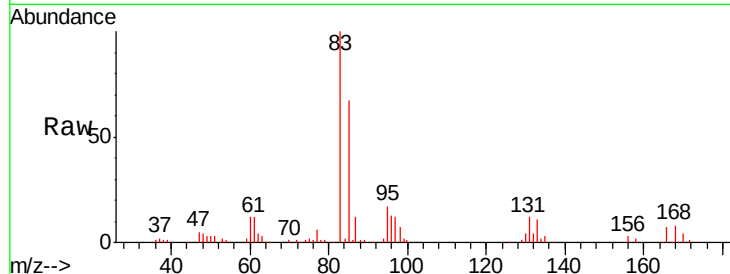
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	44501
Ion Ratio	Lower	Upper	
83	100		
131	12.2	6.0	18.1
85	65.0	33.0	99.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 22.935 ug/l m

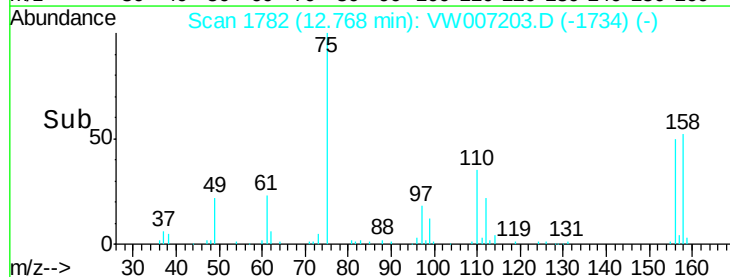
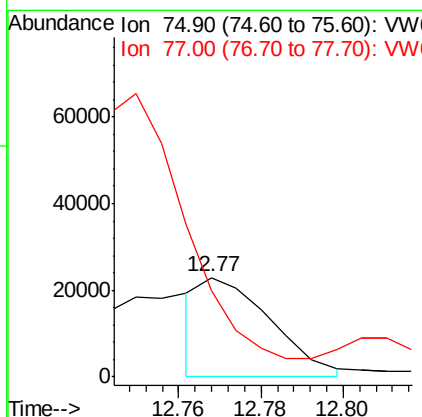
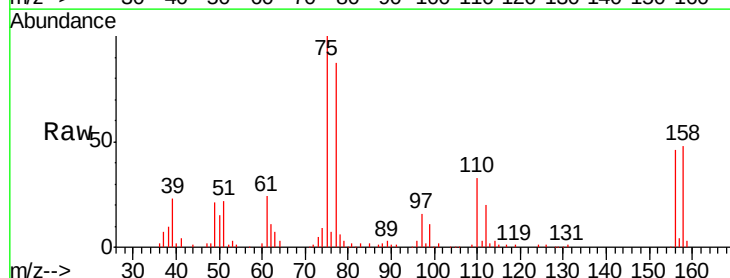
RT: 12.77 min Scan# 1782

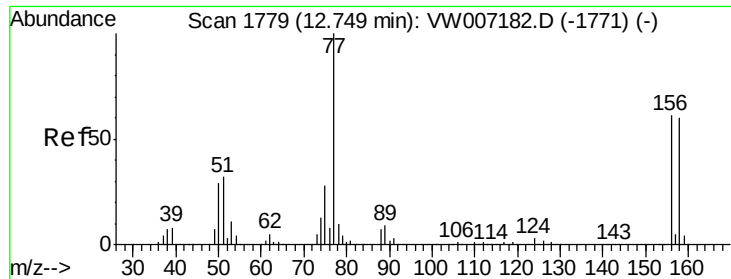
Delta R.T. -0.01 min

Lab File: VW007203.D

Acq: 04 Dec 2018 23:44

Tgt Ion:	75	Resp:	27117
Ion Ratio	Lower	Upper	
75	100		
77	447.8	0.0	0.0#





#77

Bromobenzene

Concen: 47.586 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW007203.D

Acq: 04 Dec 2018 23:44

Instrument :

MSVOA_W

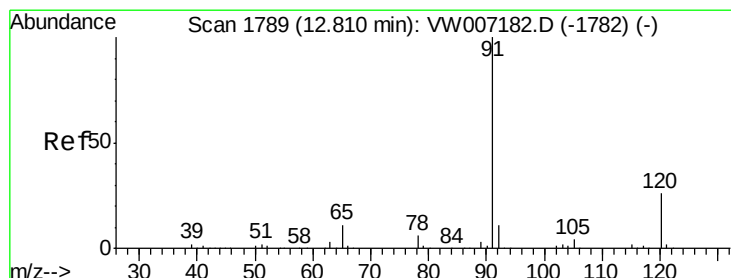
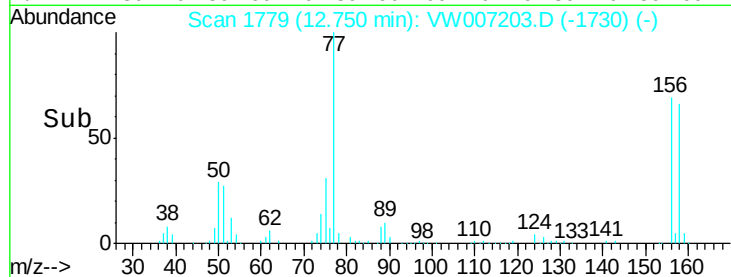
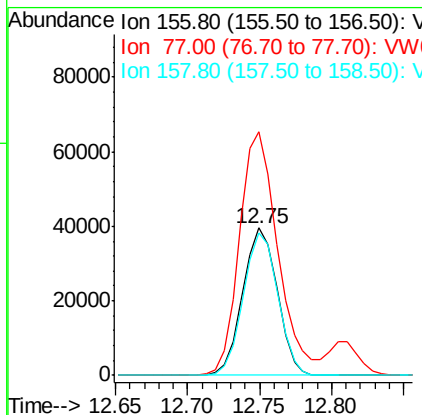
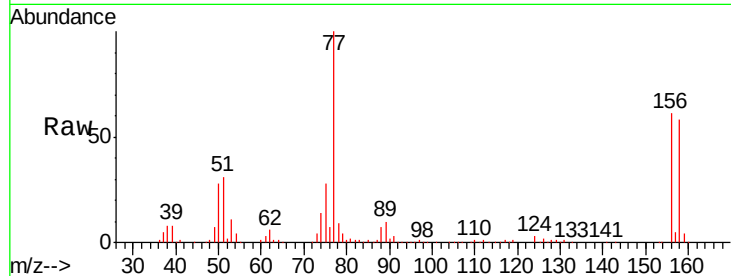
ClientSampleId :

VSTDCCC050

Tgt Ion	Resp	Lower	Upper
156	65730		
156	100		
77	184.7	92.0	276.1
158	96.0	49.0	147.0

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#78

n-propylbenzene

Concen: 45.572 ug/l

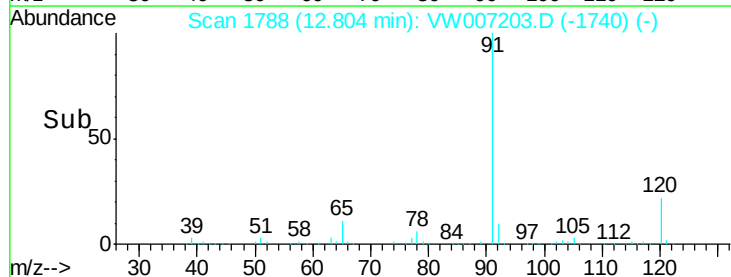
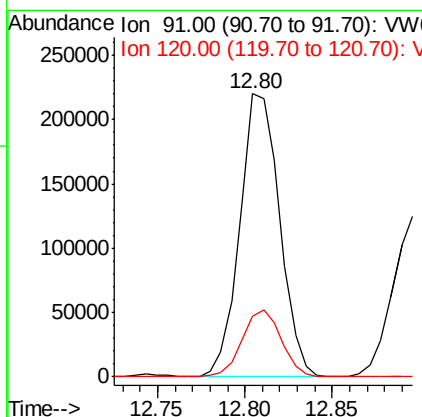
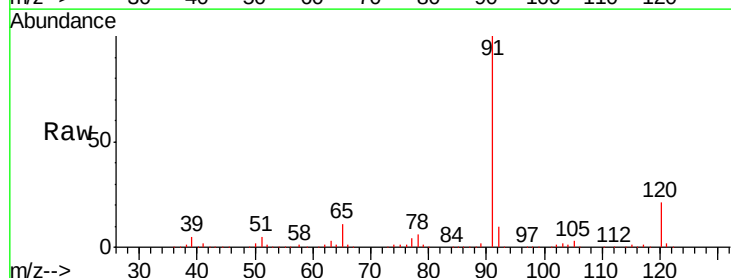
RT: 12.80 min Scan# 1788

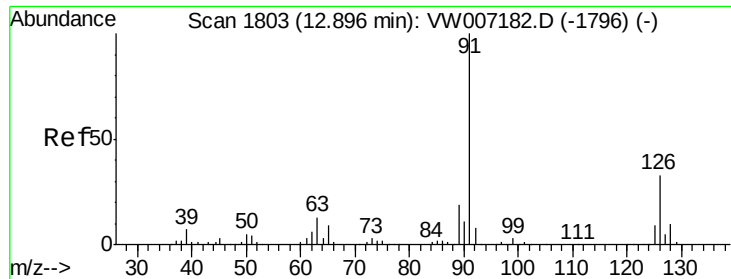
Delta R.T. -0.01 min

Lab File: VW007203.D

Acq: 04 Dec 2018 23:44

Tgt Ion	Resp	Lower	Upper
91	347432		
91	100		
120	23.5	12.5	37.5





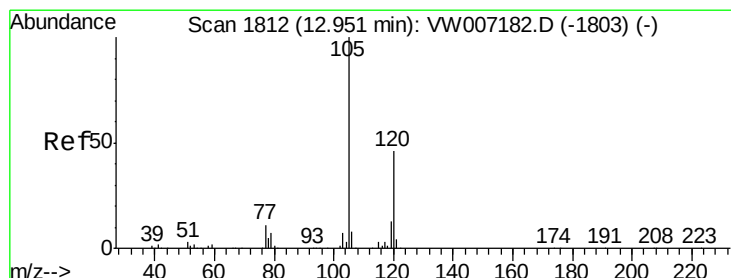
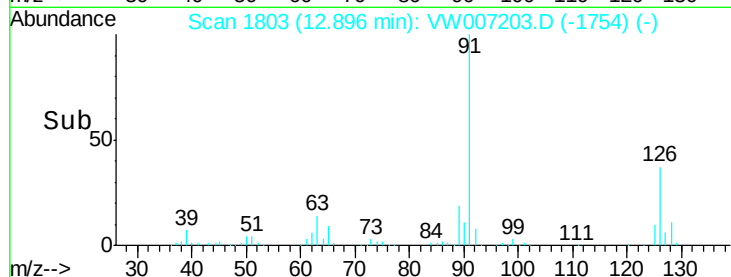
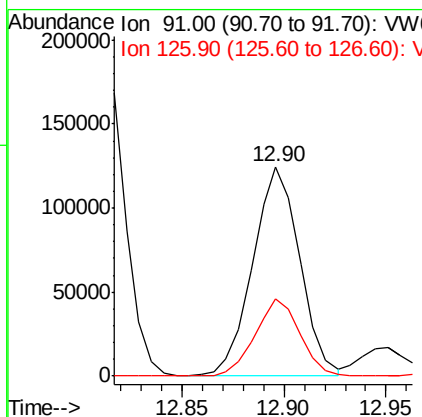
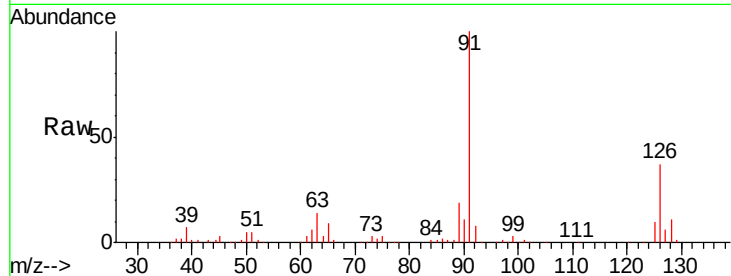
#79
 2-Chlorotoluene
 Concen: 46.256 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW007203.D
 Acq: 04 Dec 2018 23:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 91 Resp: 199138
 Ion Ratio Lower Upper
 91 100
 126 35.3 16.7 50.1

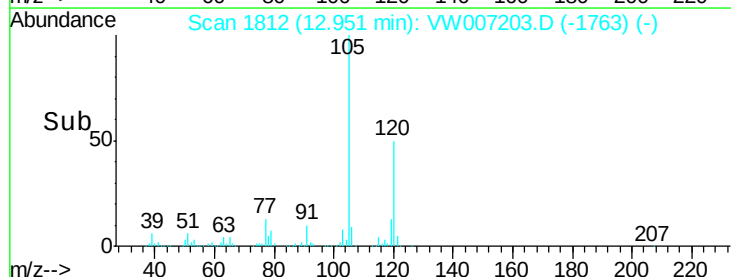
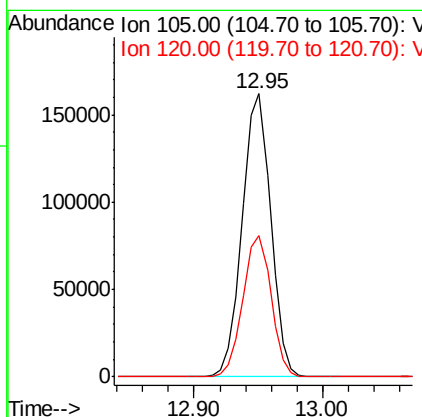
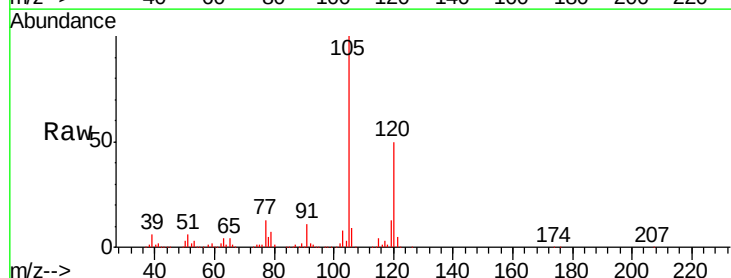
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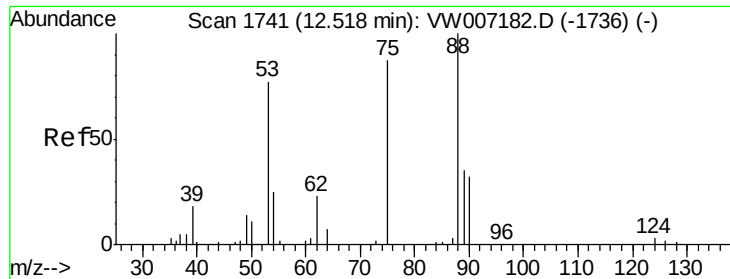
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#80
 1,3,5-Trimethylbenzene
 Concen: 45.048 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW007203.D
 Acq: 04 Dec 2018 23:44

Tgt Ion: 105 Resp: 246609
 Ion Ratio Lower Upper
 105 100
 120 49.7 23.8 71.5





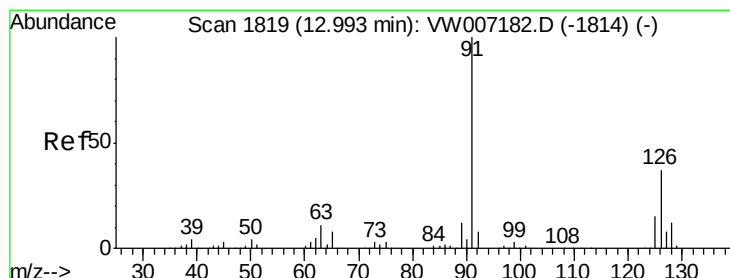
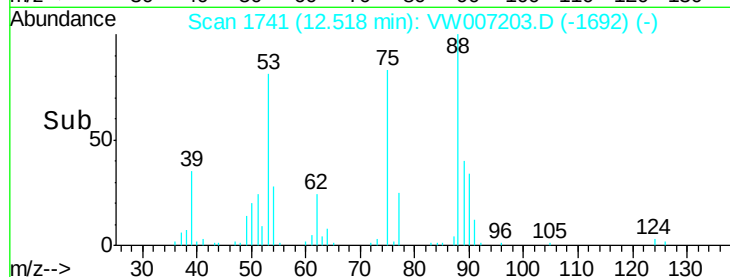
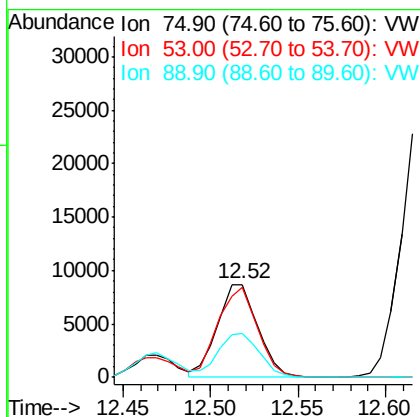
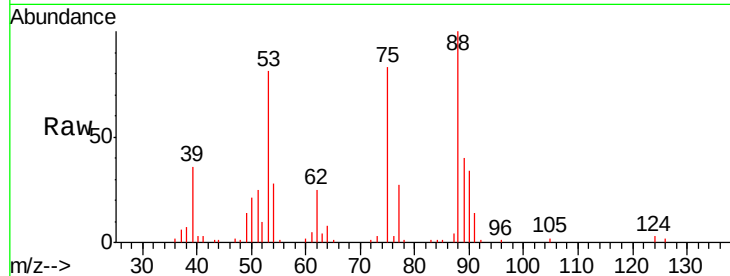
#81
trans-1,4-Dichloro-2-butene
Concen: 49.828 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW007203.D
Acq: 04 Dec 2018 23:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	94.6	72.8	109.2
89	47.2	36.4	54.6

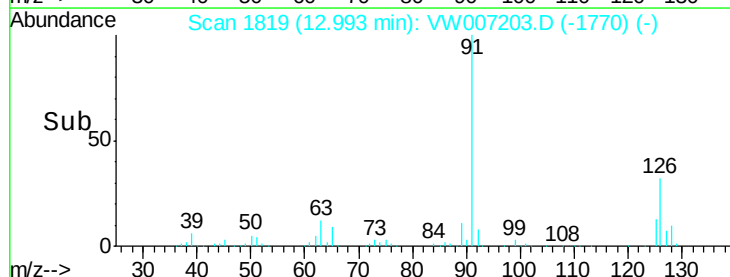
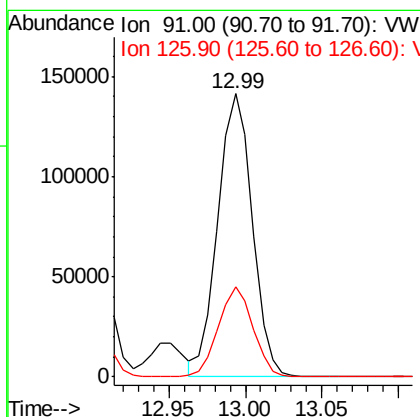
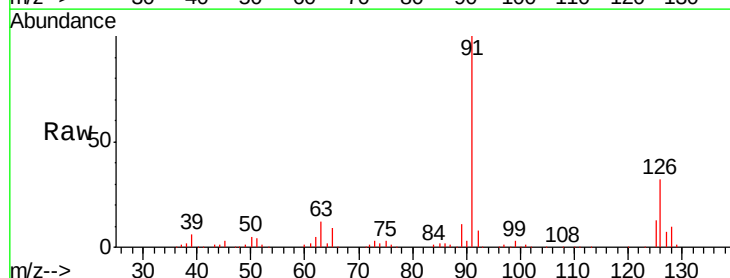
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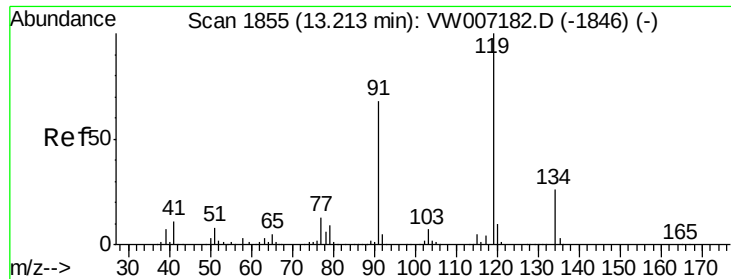
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#82
4-Chlorotoluene
Concen: 48.183 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW007203.D
Acq: 04 Dec 2018 23:44

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.1	17.4	52.3





#83

tert-Butylbenzene

Concen: 45.221 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW007203.D

Acq: 04 Dec 2018 23:44

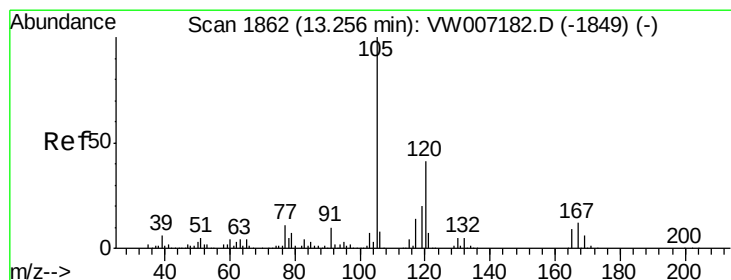
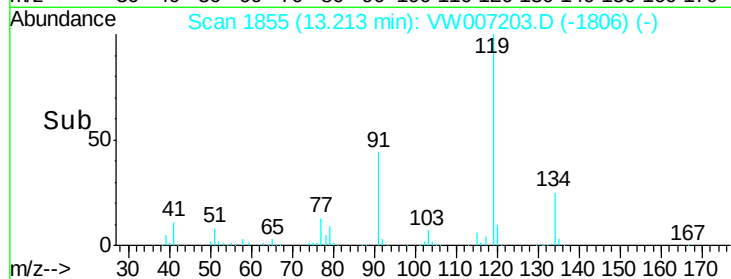
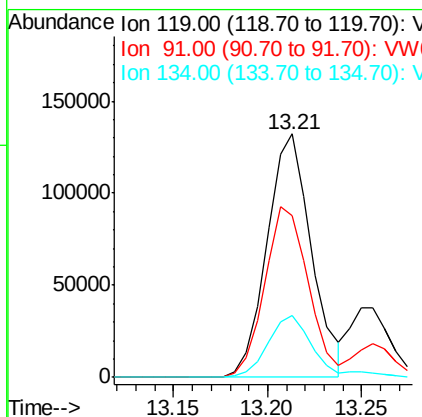
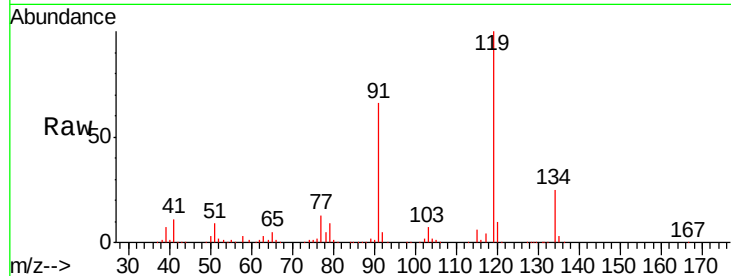
Instrument :
MSVOA_W

ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	216335		
91	68.8	34.0	101.8	
134	26.4	13.2	39.5	

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#84

1,2,4-Trimethylbenzene

Concen: 46.539 ug/l

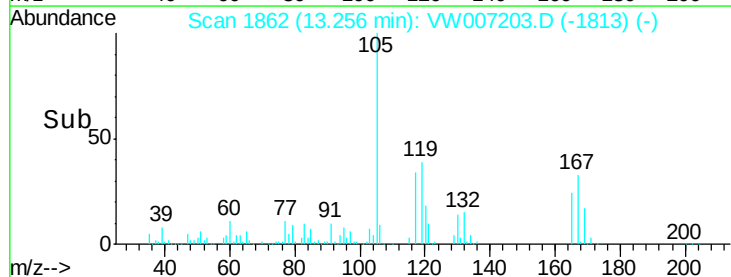
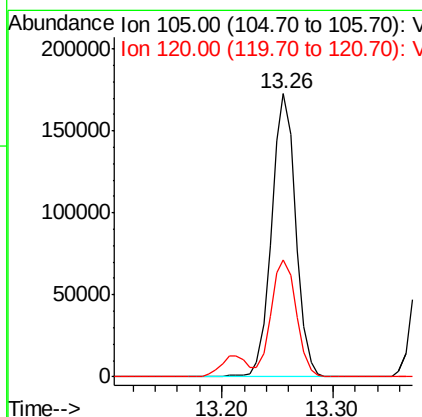
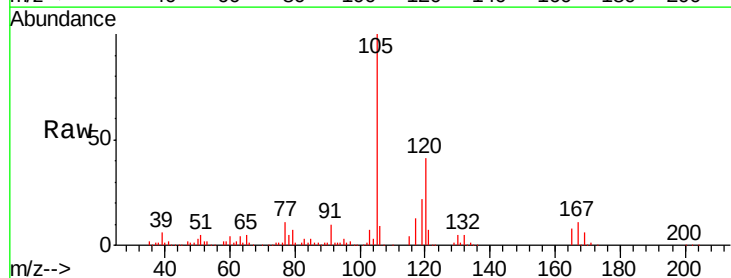
RT: 13.26 min Scan# 1862

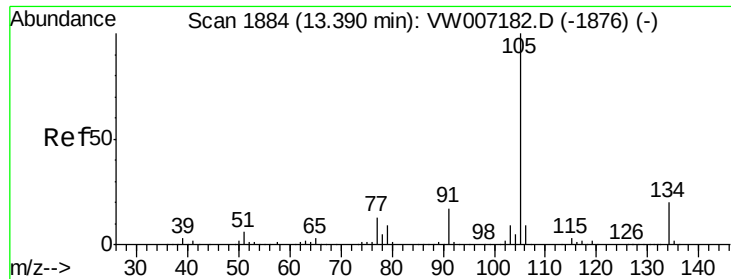
Delta R.T. 0.00 min

Lab File: VW007203.D

Acq: 04 Dec 2018 23:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	260061		
120	43.0	21.1	63.3	





#85

sec-Butylbenzene

Concen: 45.900 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW007203.D

Acq: 04 Dec 2018 23:44

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 313484

Ion Ratio Lower Upper

105 100

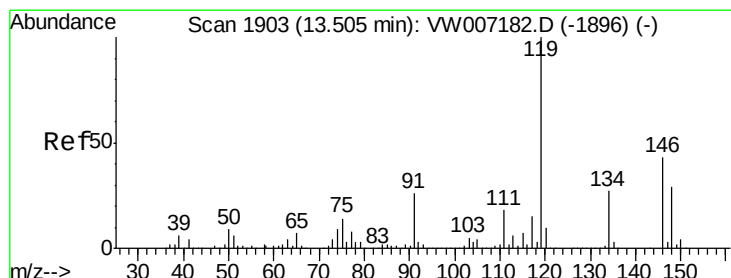
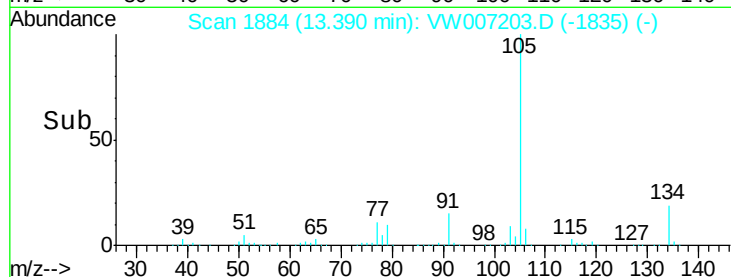
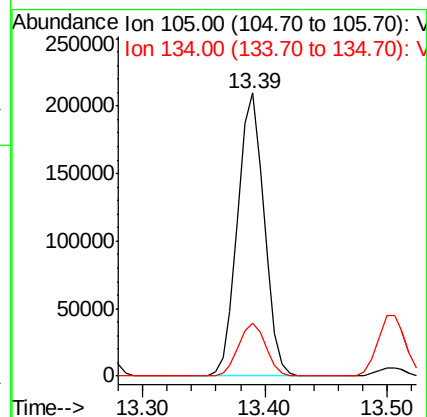
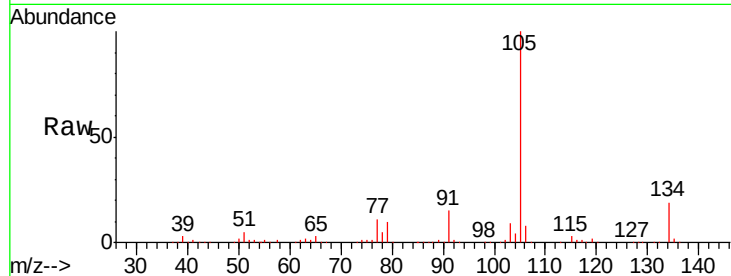
134 19.4 10.3 30.8

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#86

p-Isopropyltoluene

Concen: 46.002 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW007203.D

Acq: 04 Dec 2018 23:44

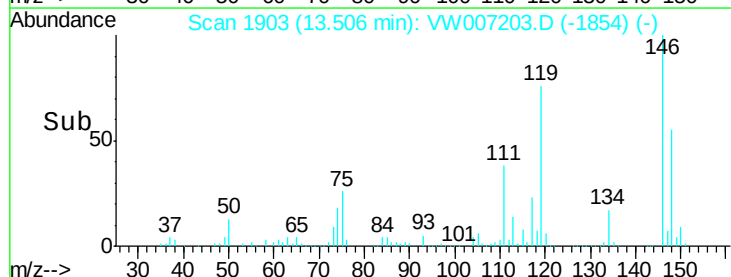
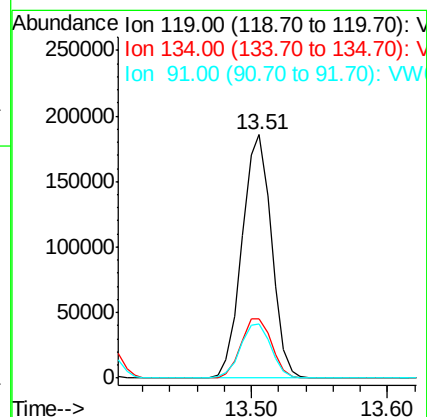
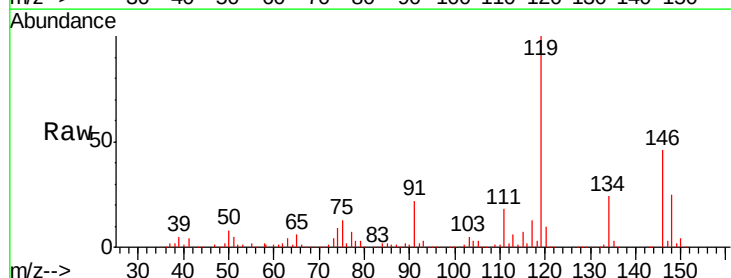
Tgt Ion:119 Resp: 279681

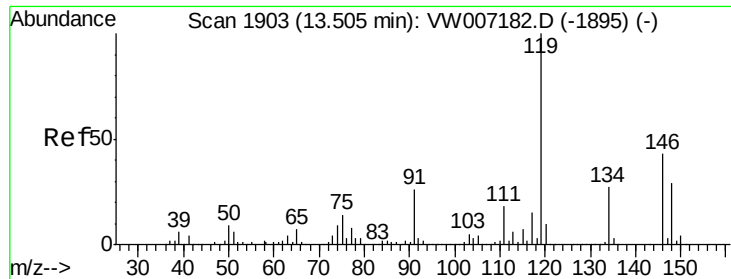
Ion Ratio Lower Upper

119 100

134 25.8 13.2 39.6

91 23.2 12.4 37.2





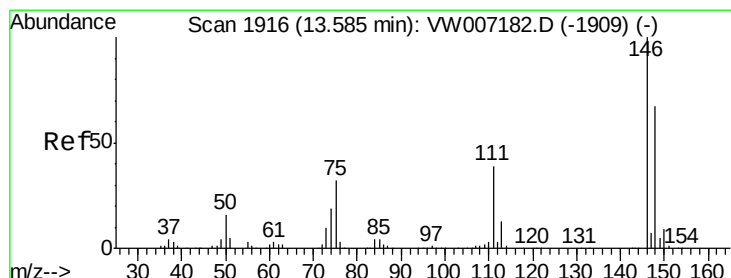
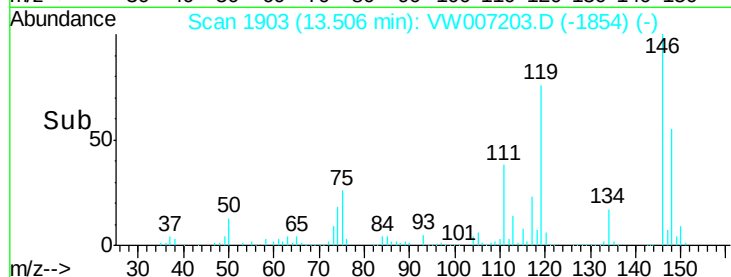
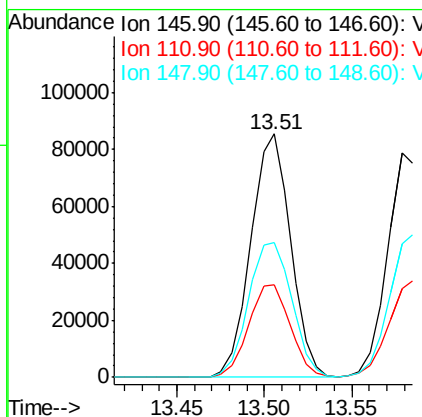
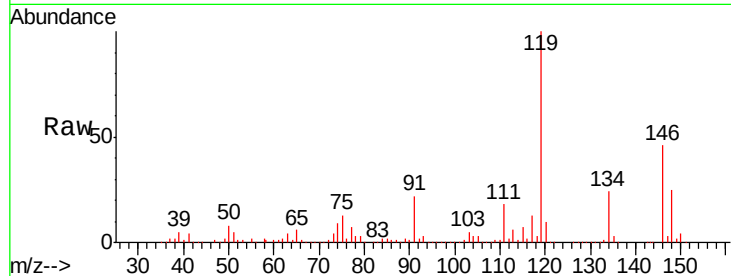
#87
 1,3-Dichlorobenzene
 Concen: 47.653 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007203.D
 Acq: 04 Dec 2018 23:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	21.1	63.4
148	60.6	32.8	98.4

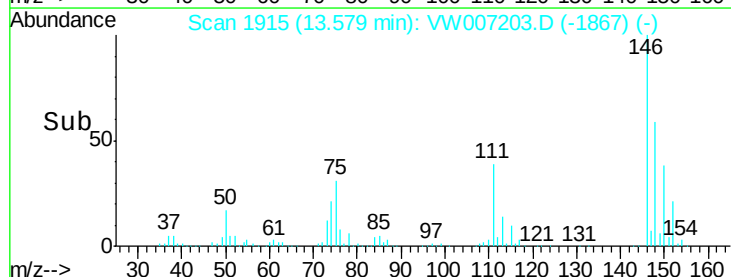
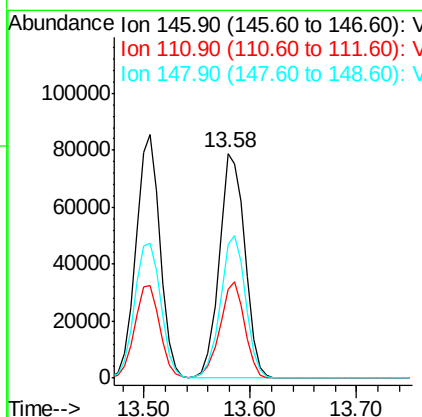
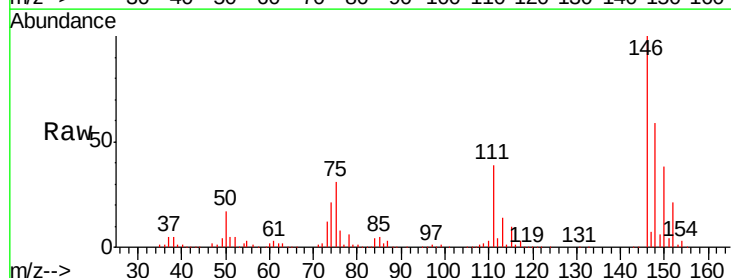
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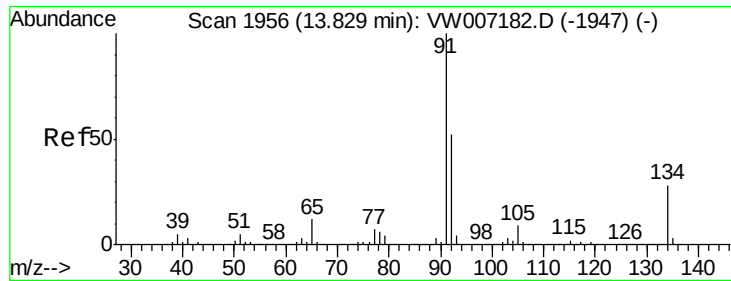
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#88
 1,4-Dichlorobenzene
 Concen: 46.134 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.01 min
 Lab File: VW007203.D
 Acq: 04 Dec 2018 23:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	19.6	58.8
148	62.5	32.6	98.0





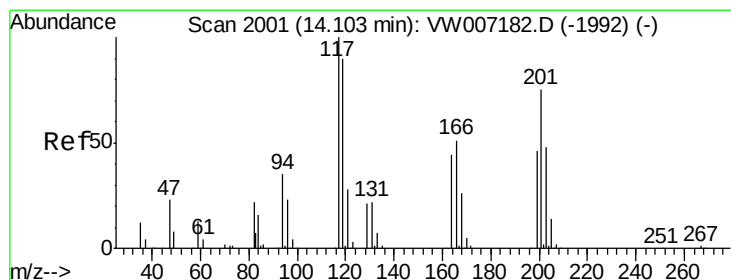
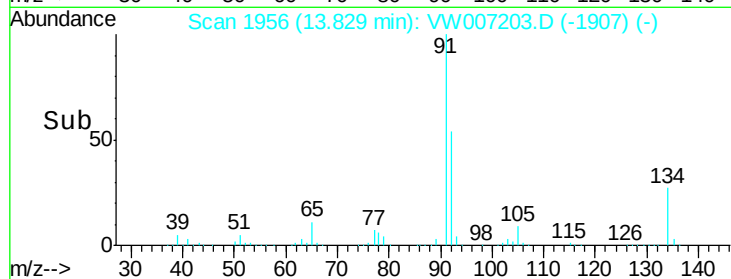
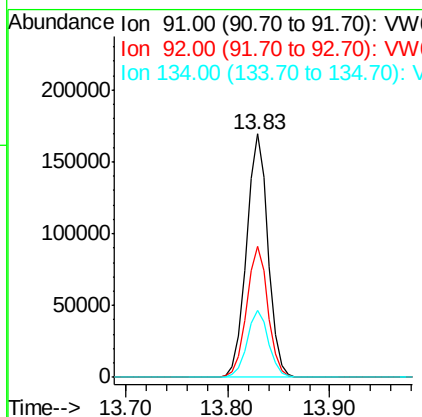
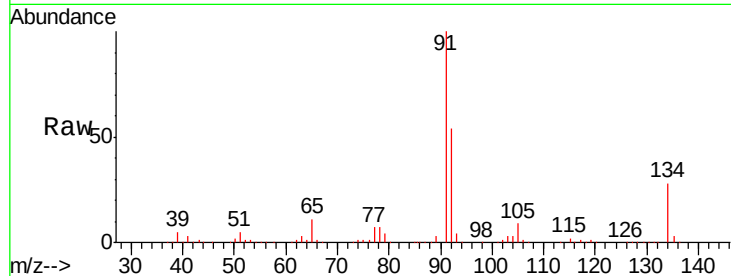
#89
n-Butylbenzene
Concen: 43.625 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW007203.D
Acq: 04 Dec 2018 23:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.5	79.5
134	27.4	14.1	42.2

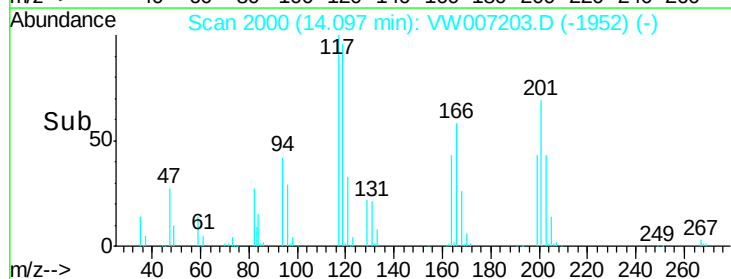
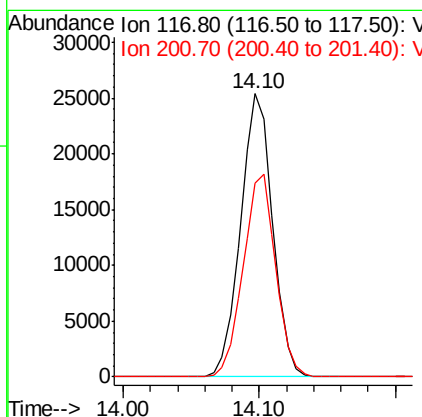
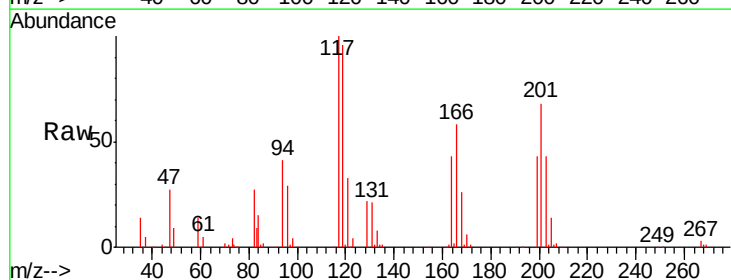
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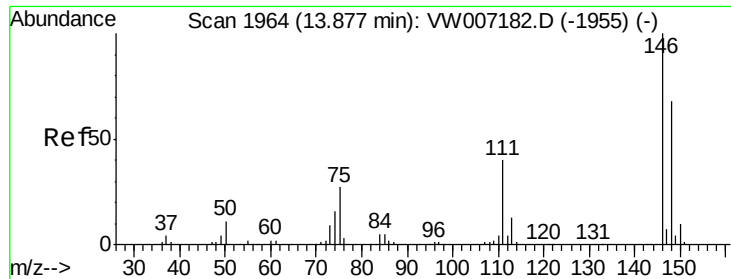
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#90
Hexachloroethane
Concen: 45.020 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: VW007203.D
Acq: 04 Dec 2018 23:44

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.7	36.0	108.1





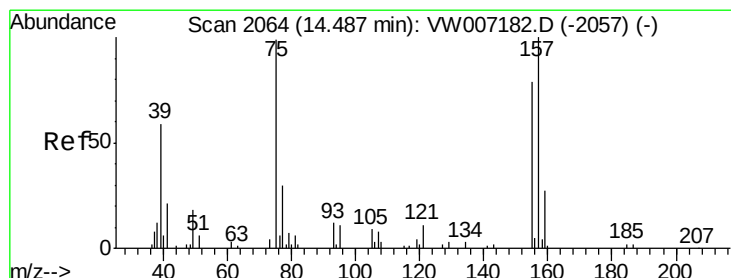
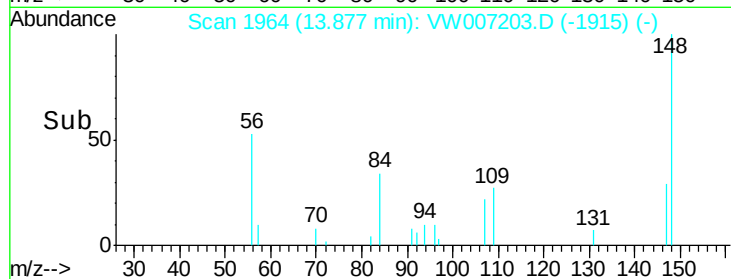
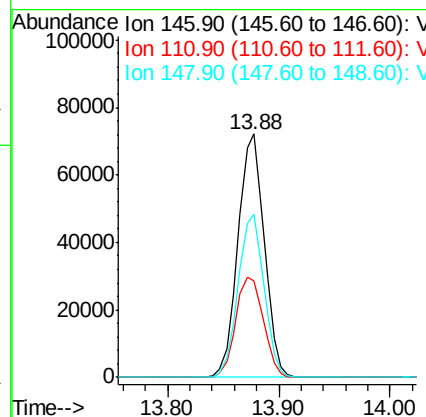
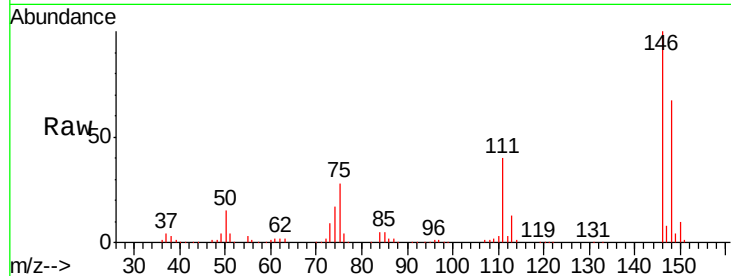
#91
 1,2-Dichlorobenzene
 Concen: 48.144 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW007203.D
 Acq: 04 Dec 2018 23:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	118182		
111	43.4	21.6	65.0	
148	65.9	32.7	98.1	

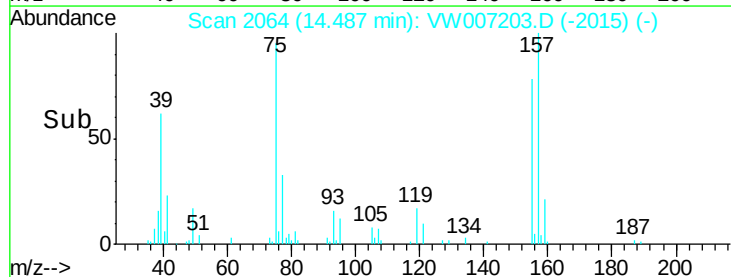
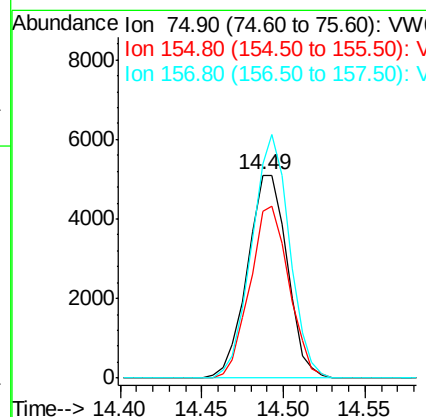
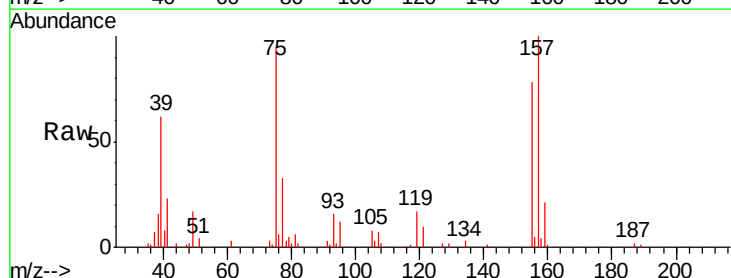
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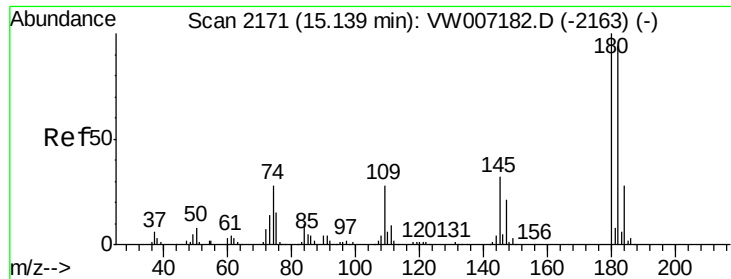
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.977 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW007203.D
 Acq: 04 Dec 2018 23:44

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	8690		
155	83.4	42.4	127.2	
157	113.6	55.3	165.9	





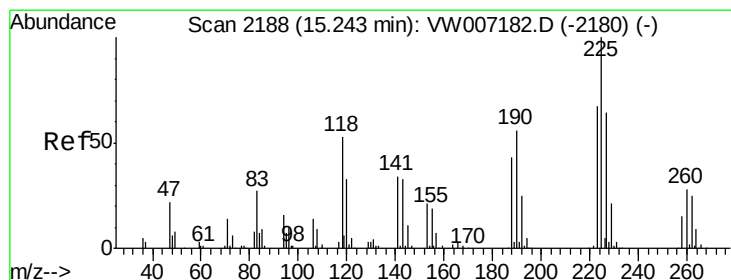
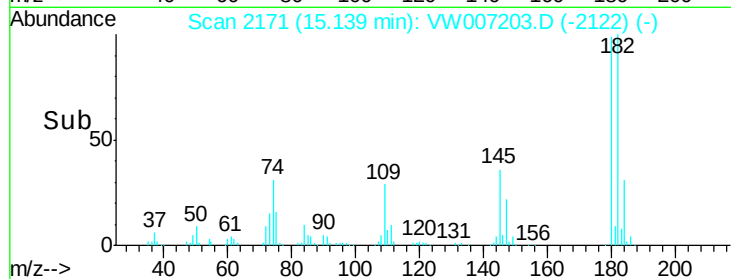
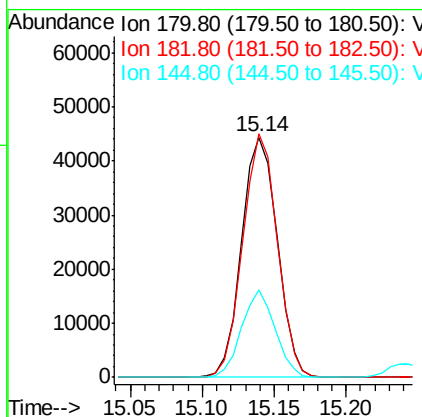
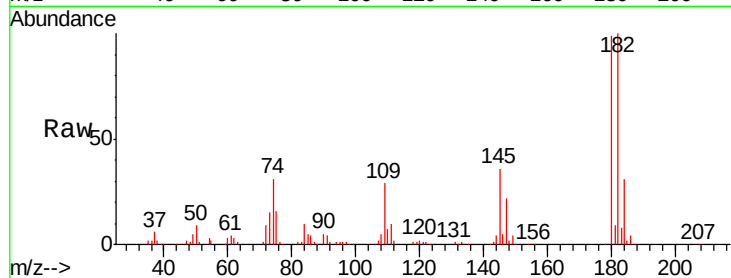
#93
1,2,4-Trichlorobenzene
Concen: 44.716 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VW007203.D
Acq: 04 Dec 2018 23:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	76070		
182	98.1	47.9	143.8	
145	34.2	16.6	49.7	

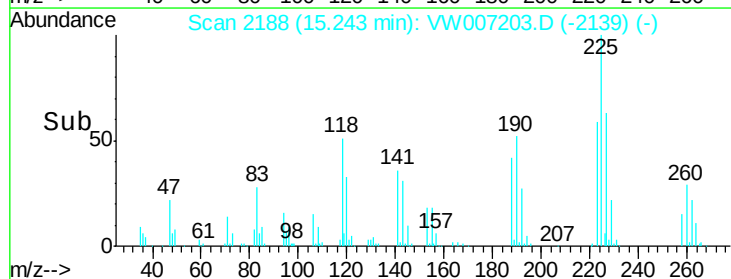
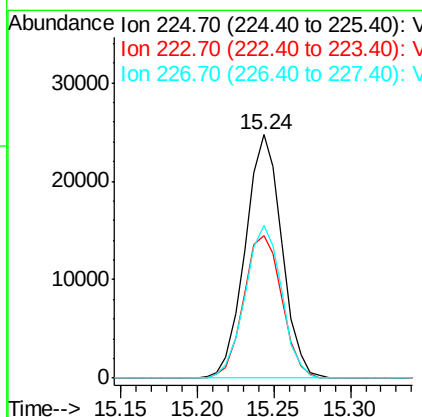
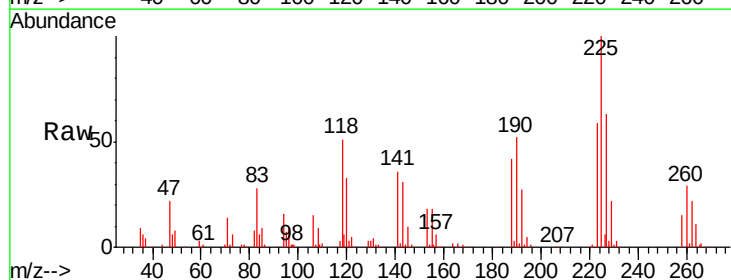
Manual Integrations
APPROVED

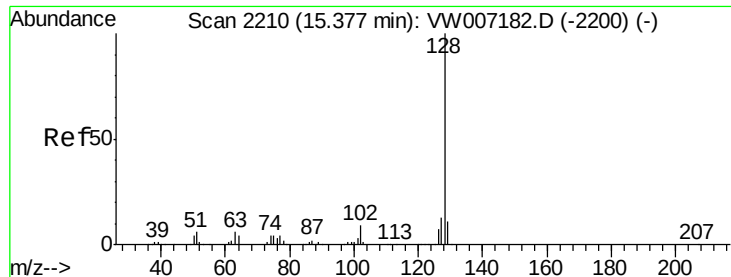
apatel
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#94
Hexachlorobutadiene
Concen: 44.777 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. 0.00 min
Lab File: VW007203.D
Acq: 04 Dec 2018 23:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	41077		
223	61.0	32.3	96.8	
227	62.7	32.1	96.3	





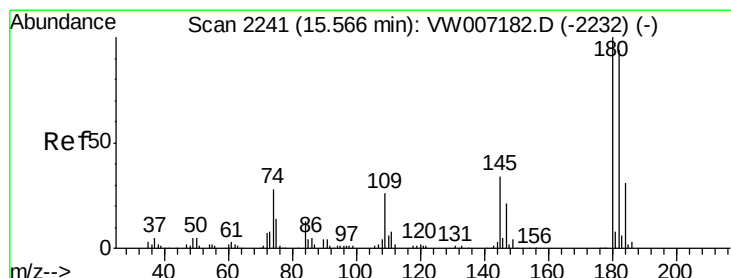
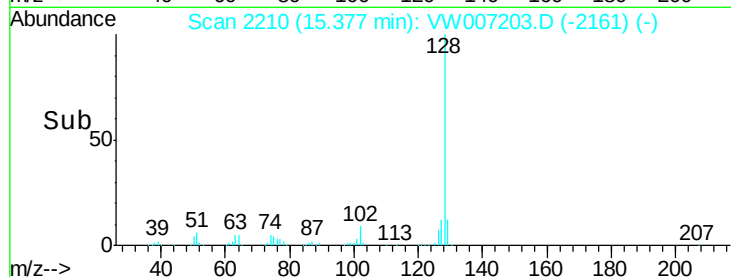
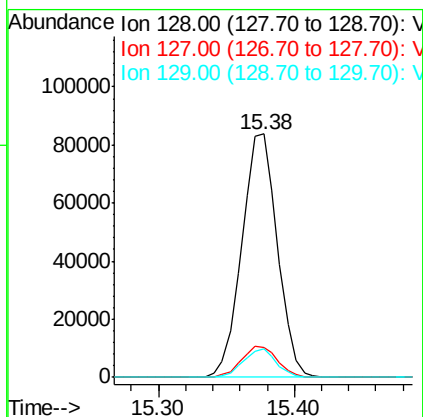
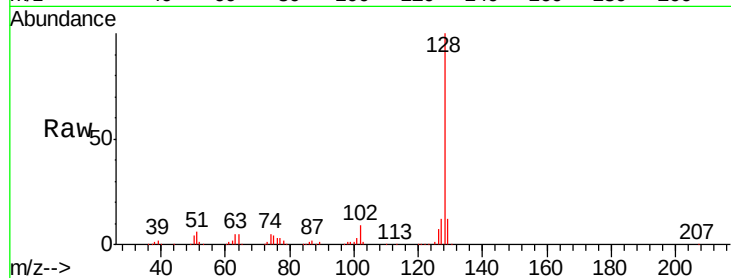
#95
Naphthalene
Concen: 50.264 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW007203.D
Acq: 04 Dec 2018 23:44

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	153246		
127	12.8	10.3	15.5	
129	11.0	8.6	13.0	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 46.784 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW007203.D
Acq: 04 Dec 2018 23:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	67110		
182	93.4	47.4	142.2	
145	35.5	17.6	52.8	

