

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110618\
 Data File : VW006706.D
 Acq On : 07 Nov 2018 01:10
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.07G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 11/7/2018 2:06:21 PM

Quant Time: Nov 07 12:15:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	237777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	340520	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	324396	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	187436	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	102103	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
35) Dibromofluoromethane	7.88	113	109309	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
50) Toluene-d8	10.32	98	410817	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
62) 4-Bromofluorobenzene	12.62	95	151935	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	57433	46.594	ug/l	98
3) Chloromethane	2.21	50	74117	48.597	ug/l	98
4) Vinyl Chloride	2.37	62	105524	49.553	ug/l	99
5) Bromomethane	2.78	94	92489	51.752	ug/l	99
6) Chloroethane	2.93	64	76644	51.511	ug/l	98
7) Trichlorofluoromethane	3.26	101	95481	50.774	ug/l	92
8) Diethyl Ether	3.68	74	54245	52.770	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	104987	52.282	ug/l	98
10) Methyl Iodide	4.26	142	181115	49.743	ug/l	100
11) Tert butyl alcohol	5.24	59	28739	260.968	ug/l #	83
12) 1,1-Dichloroethene	4.03	96	98821	50.952	ug/l	96
13) Acrolein	3.89	56	29005	209.412	ug/l	98
14) Allyl chloride	4.66	41	134344	53.066	ug/l	99
15) Acrylonitrile	5.38	53	103123	279.781	ug/l	100
16) Acetone	4.15	43	85573	259.320	ug/l	99
17) Carbon Disulfide	4.37	76	284441	51.537	ug/l	99
18) Methyl Acetate	4.68	43	52283	55.099	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	151758	52.567	ug/l	98
20) Methylene Chloride	4.91	84	115058	54.318	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	118040	53.786	ug/l	98
22) Diisopropyl ether	6.32	45	291953	55.316	ug/l	98
23) Vinyl Acetate	6.26	43	825041	281.887	ug/l	99
24) 1,1-Dichloroethane	6.21	63	195505	54.656	ug/l	99
25) 2-Butanone	7.18	43	128366	272.608	ug/l	96
26) 2,2-Dichloropropane	7.17	77	111639	51.811	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	132841	54.104	ug/l	100
28) Bromochloromethane	7.51	49	75144	52.904	ug/l	98
29) Tetrahydrofuran	7.54	42	82427	278.306	ug/l	99
30) Chloroform	7.68	83	215026	54.829	ug/l	99
31) Cyclohexane	7.95	56	156745	48.146	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	176931	53.316	ug/l	100
36) 1,1-Dichloropropene	8.09	75	161068	53.787	ug/l	99
37) Ethyl Acetate	7.26	43	58353	56.231	ug/l	99
38) Carbon Tetrachloride	8.07	117	170197	54.392	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	199449	52.484	ug/l	99
40) Benzene	8.32	78	472032	55.496	ug/l	99
41) Methacrylonitrile	7.49	41	37265	58.562	ug/l	98
42) 1,2-Dichloroethane	8.40	62	133794	54.849	ug/l	100
43) Isopropyl Acetate	8.43	43	116553	56.284	ug/l	99
44) Trichloroethene	9.09	130	142246	54.195	ug/l	99
45) 1,2-Dichloropropane	9.37	63	112251	56.709	ug/l	100
46) Dibromomethane	9.46	93	65550	56.335	ug/l	99
47) Bromodichloromethane	9.65	83	156992	58.108	ug/l	100
48) Methyl methacrylate	9.44	41	56547	56.677	ug/l	97
49) 1,4-Dioxane	9.48	88	19694	1156.515	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	304981	286.765	ug/l	100
52) Toluene	10.39	92	314867	55.193	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	151268	58.176	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	174001	56.629	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	94890	57.476	ug/l	96
56) Ethyl methacrylate	10.65	69	107897	57.500	ug/l	97
57) 1,3-Dichloropropane	10.93	76	151493	56.509	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	248603	272.542	ug/l	99
59) 2-Hexanone	10.97	43	206200	285.463	ug/l	100
60) Dibromochloromethane	11.13	129	115933	59.269	ug/l	100
61) 1,2-Dibromoethane	11.24	107	93030	56.743	ug/l	99
64) Tetrachloroethene	10.87	164	135930	52.566	ug/l	98
65) Chlorobenzene	11.66	112	371733	54.456	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	133768	55.753	ug/l	99
67) Ethyl Benzene	11.73	91	621889	54.505	ug/l	99
68) m/p-Xylenes	11.84	106	501823	110.086	ug/l	99
69) o-Xylene	12.17	106	240480	55.413	ug/l	100
70) Styrene	12.18	104	399349	56.443	ug/l	99
71) Bromoform	12.35	173	74237	58.370	ug/l #	99
73) Isopropylbenzene	12.47	105	652402	52.837	ug/l	100
74) N-amyl acetate	12.27	43	117343	54.996	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	107807	55.281	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	79642m	54.459	ug/l	
77) Bromobenzene	12.75	156	171729	53.718	ug/l	100
78) n-propylbenzene	12.81	91	760871	53.574	ug/l	100
79) 2-Chlorotoluene	12.90	91	434915	53.360	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	555691	53.569	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	29228	51.664	ug/l	100
82) 4-Chlorotoluene	12.99	91	465257	53.955	ug/l	100
83) tert-Butylbenzene	13.21	119	498784	53.919	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	575263	54.066	ug/l	100
85) sec-Butylbenzene	13.39	105	697425	53.830	ug/l	100
86) p-Isopropyltoluene	13.51	119	635286	53.888	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	342327	54.373	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	339389	54.383	ug/l	100
89) n-Butylbenzene	13.83	91	568959	54.368	ug/l	100
90) Hexachloroethane	14.10	117	108701	56.102	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	305797	53.997	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16897	53.398	ug/l	98

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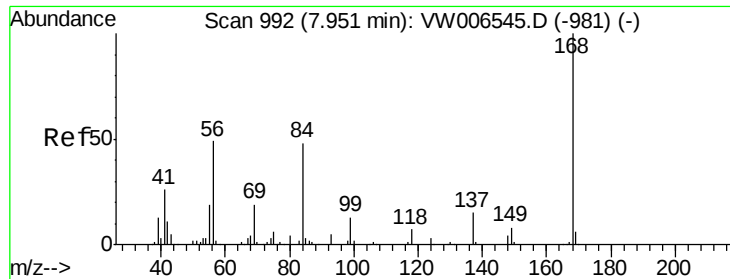
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	223313	53.030	ug/l	100
94) Hexachlorobutadiene	15.24	225	135707	51.707	ug/l	100
95) Naphthalene	15.38	128	371952	54.957	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	197214	53.287	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 237777

Ion Ratio Lower Upper

168 100

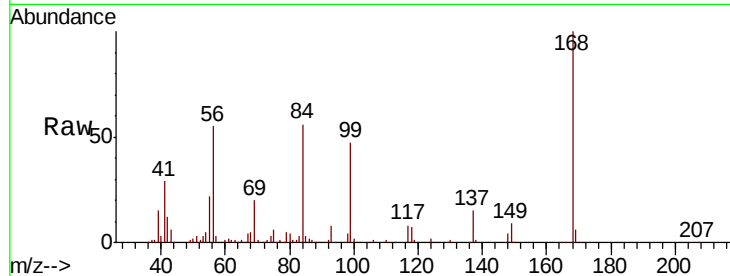
99 47.1 37.4 56.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

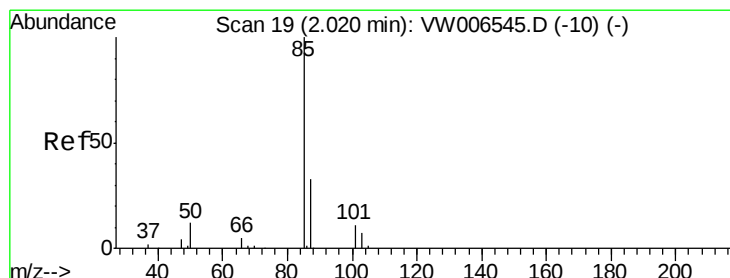
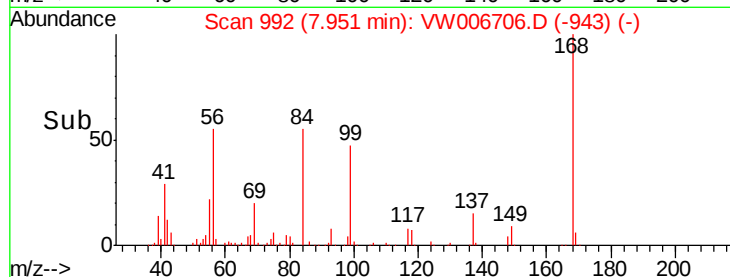
40000

20000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 46.594 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW006706.D

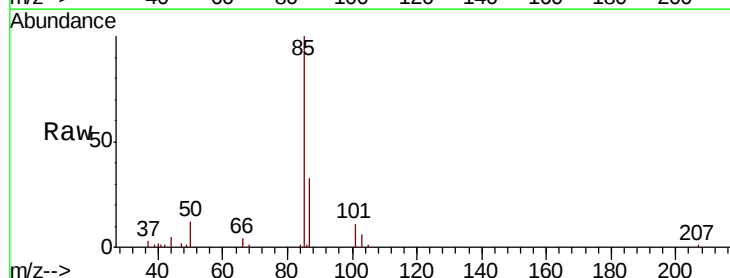
Acq: 07 Nov 2018 01:10

Tgt Ion: 85 Resp: 57433

Ion Ratio Lower Upper

85 100

87 32.6 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

15000

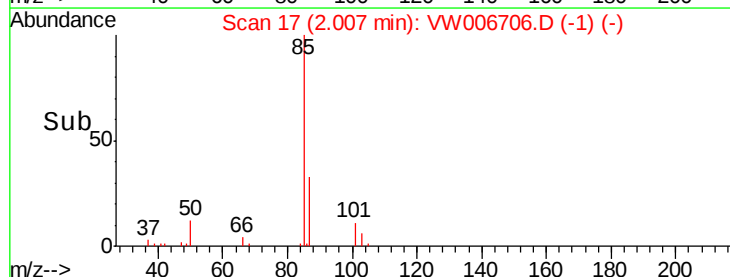
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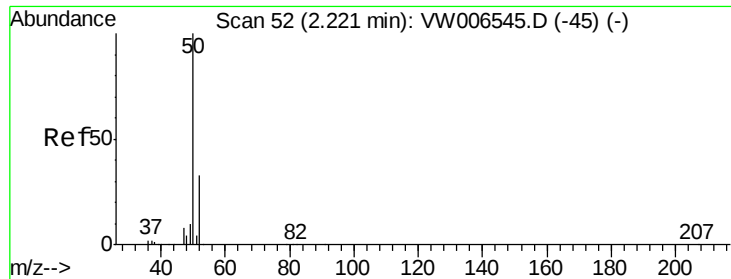
5000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 48.597 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 74117

Ion Ratio Lower Upper

50 100

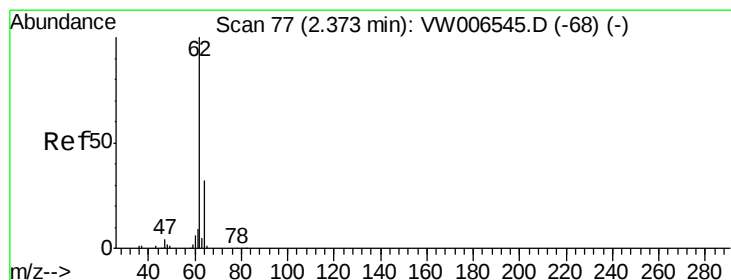
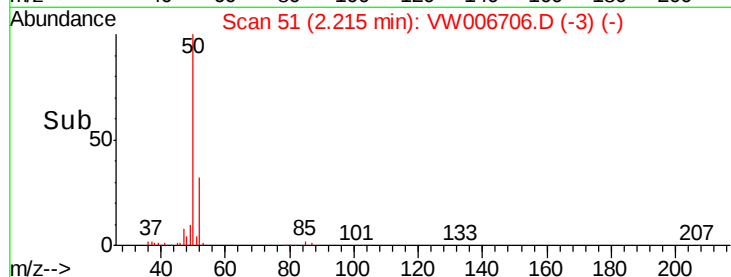
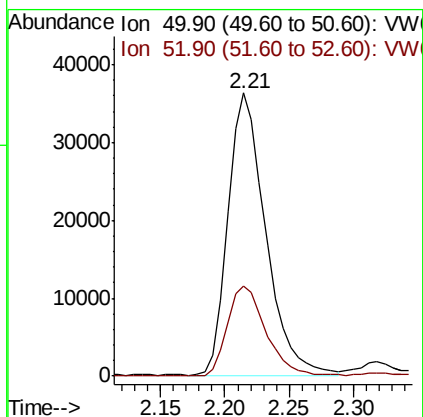
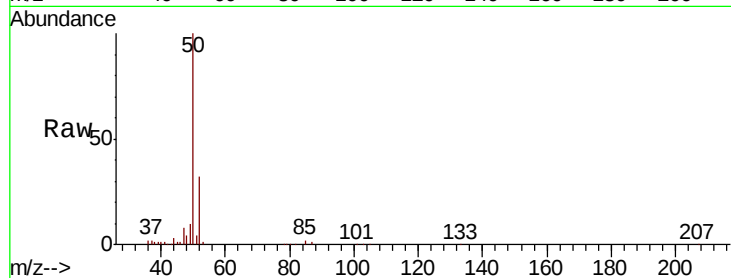
52 31.9 26.2 39.4

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#4

Vinyl Chloride

Concen: 49.553 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006706.D

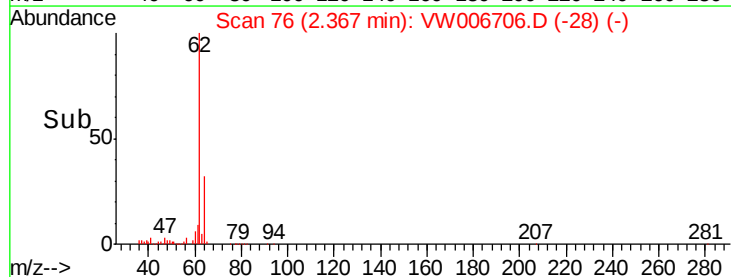
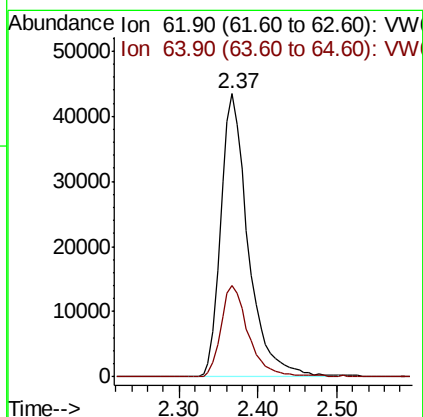
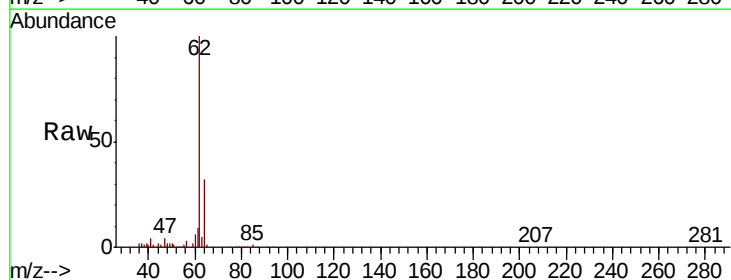
Acq: 07 Nov 2018 01:10

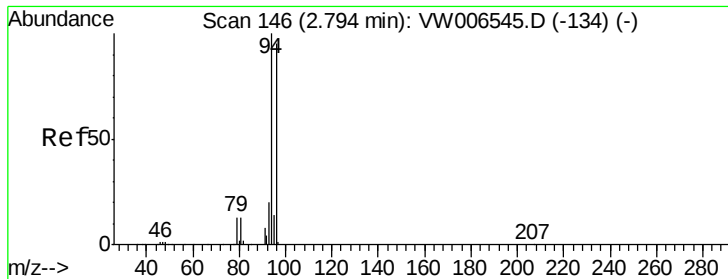
Tgt Ion: 62 Resp: 105524

Ion Ratio Lower Upper

62 100

64 32.4 25.4 38.0





#5

Bromomethane

Concen: 51.752 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

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Tot Ion: 94 Resp: 92489

Ion Ratio Lower Upper

94 100

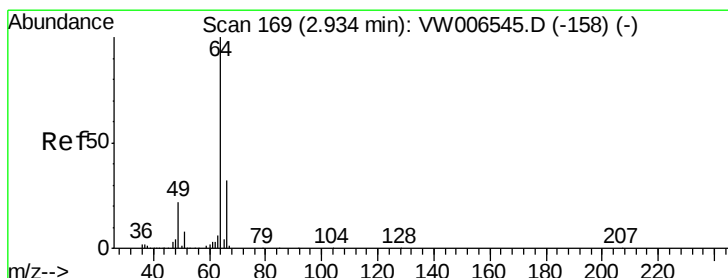
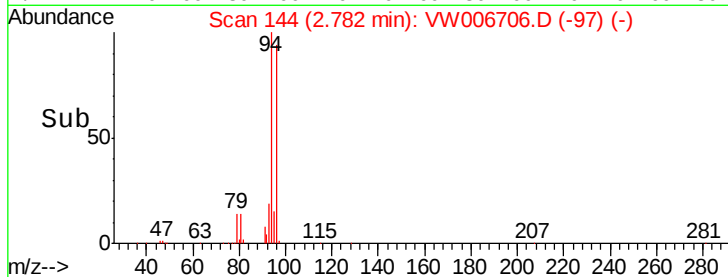
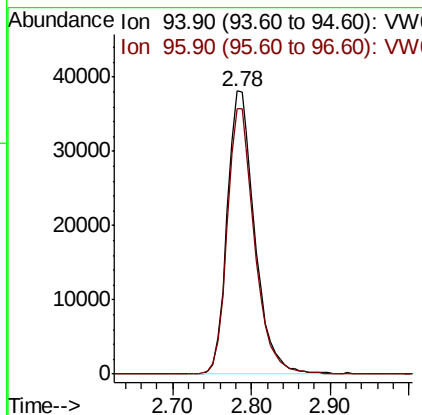
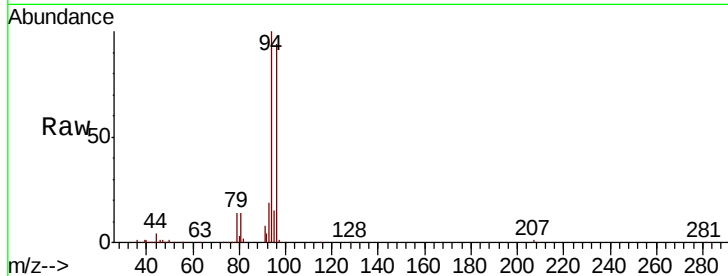
96 93.7 75.7 113.5

Manual Integrations

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#6

Chloroethane

Concen: 51.511 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW006706.D

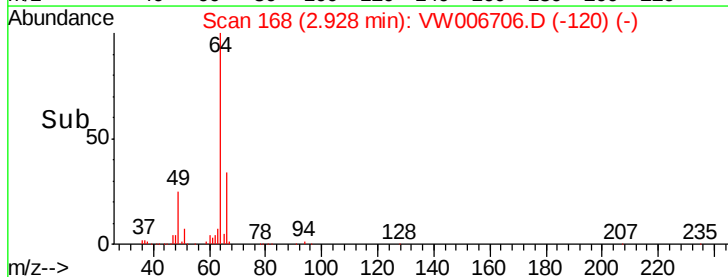
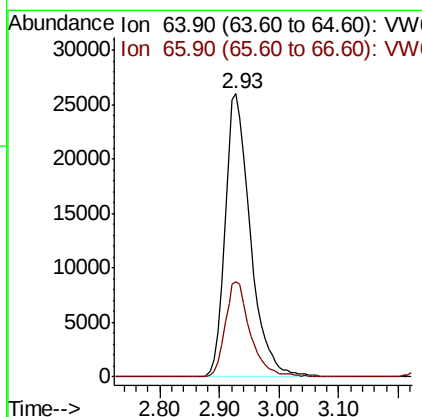
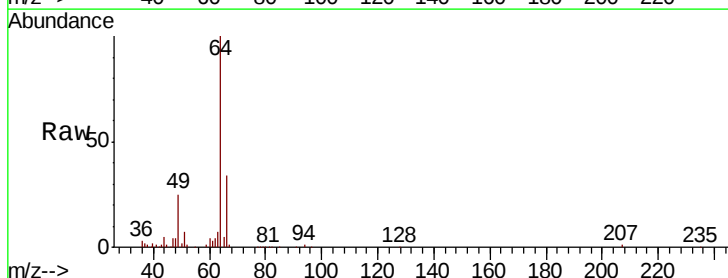
Acq: 07 Nov 2018 01:10

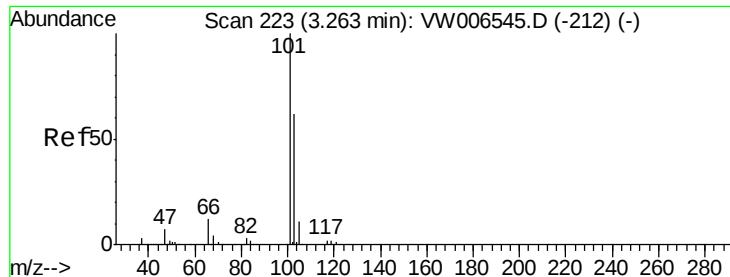
Tgt Ion: 64 Resp: 76644

Ion Ratio Lower Upper

64 100

66 33.6 25.9 38.9





#7

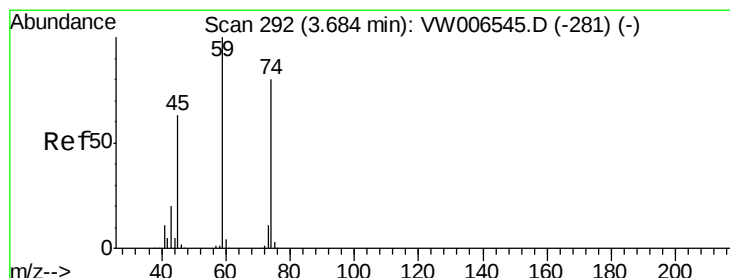
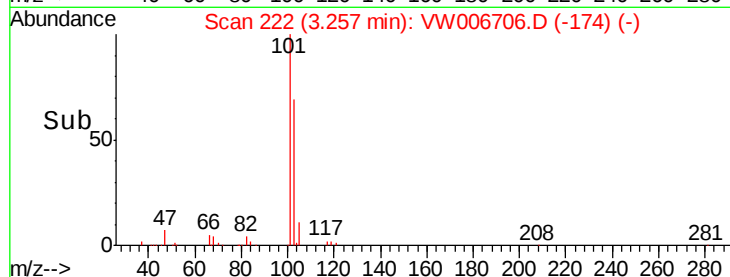
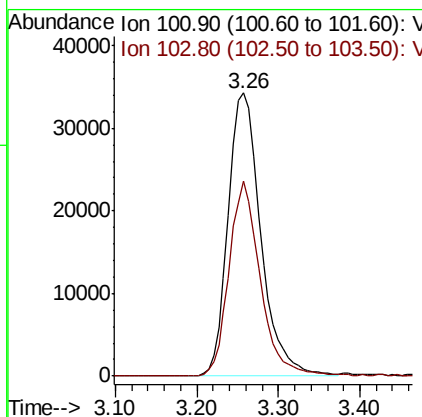
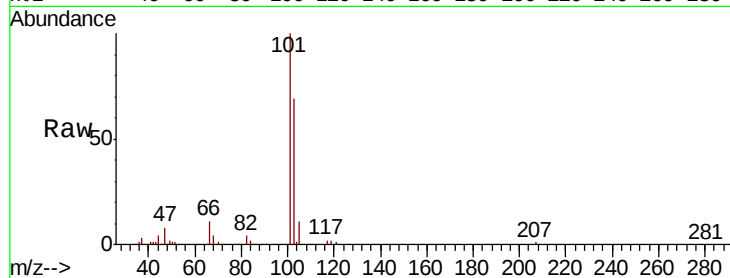
Trichlorofluoromethane
 Concen: 50.774 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006706.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	68.8	49.8	74.8

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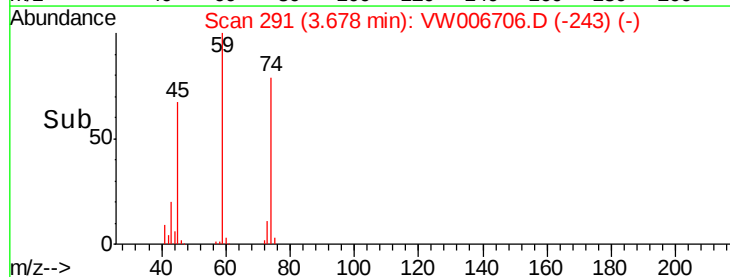
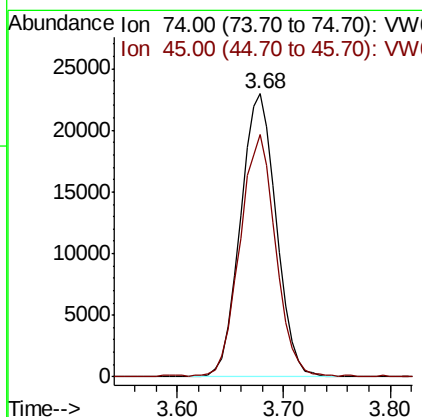
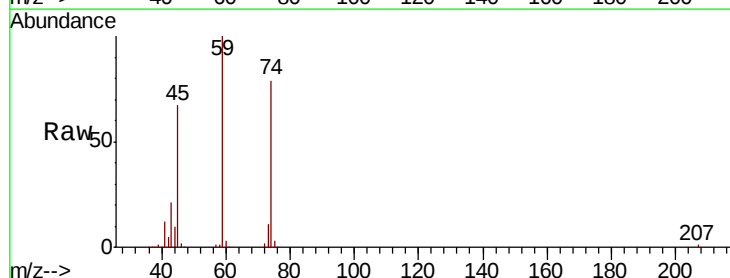
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 11/7/2018 2:06:21 PM

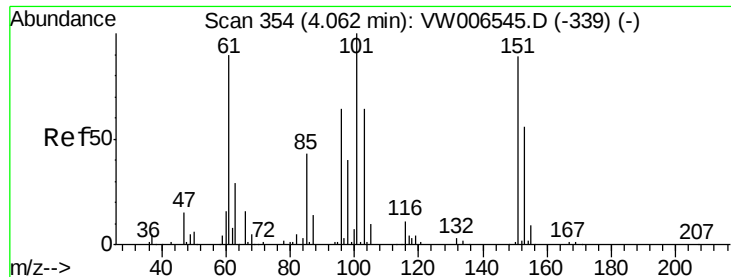


#8

Diethyl Ether
 Concen: 52.770 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006706.D
 Acq: 07 Nov 2018 01:10

Tgt Ion	Ratio	Lower	Upper
74	100		
45	84.3	41.1	123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.282 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Instrument :

MSVOA_W

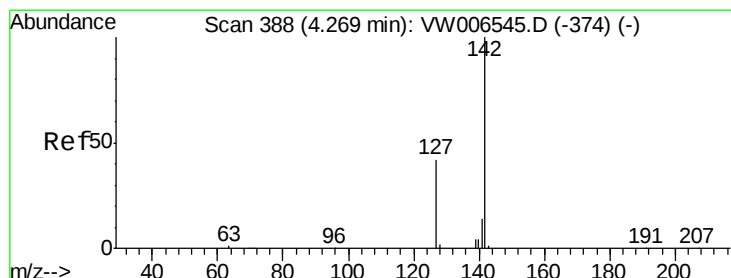
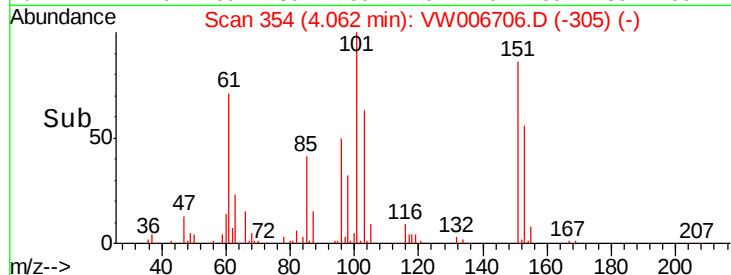
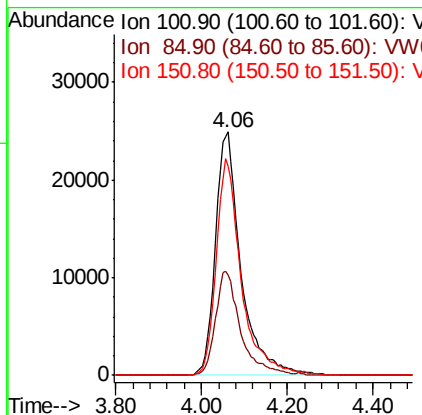
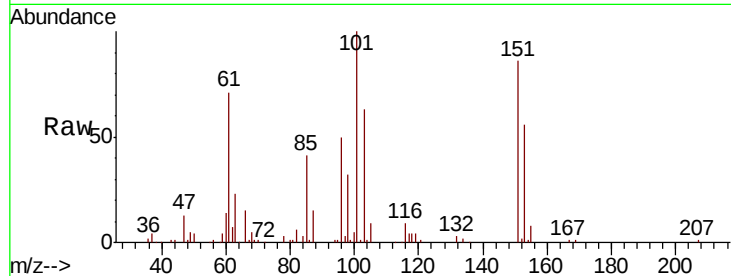
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	104987
Ion Ratio	Lower	Upper	
101	100		
85	41.8	34.2	51.2
151	86.8	70.7	106.1

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#10

Methyl Iodide

Concen: 49.743 ug/l

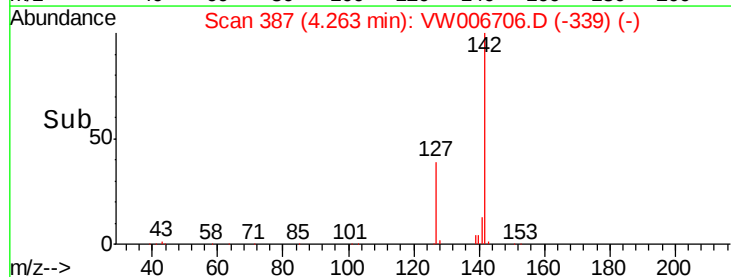
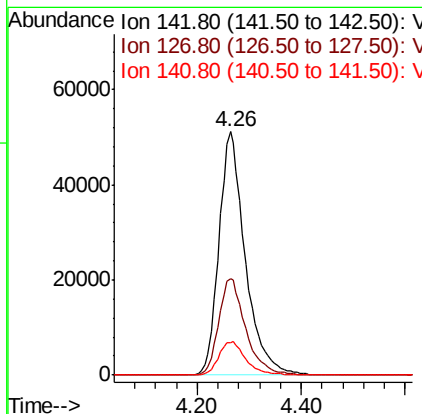
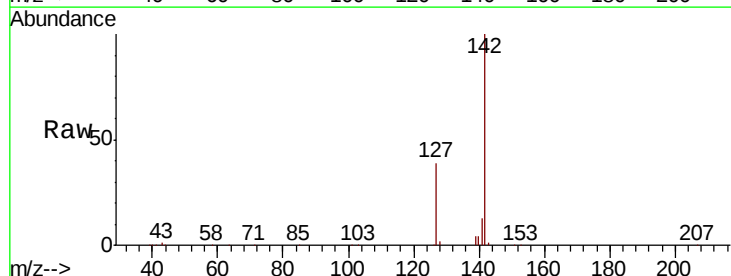
RT: 4.26 min Scan# 387

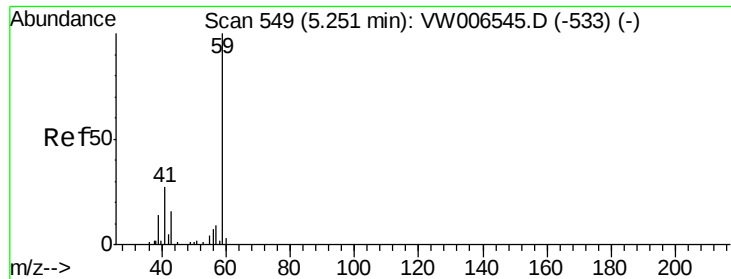
Delta R.T. -0.01 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Tgt Ion:	142	Resp:	181115
Ion Ratio	Lower	Upper	
142	100		
127	40.7	32.3	48.5
141	14.1	11.3	16.9





#11

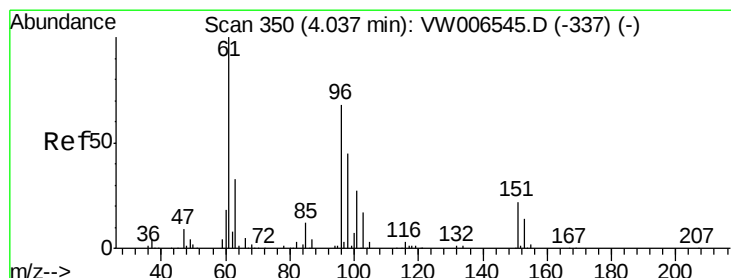
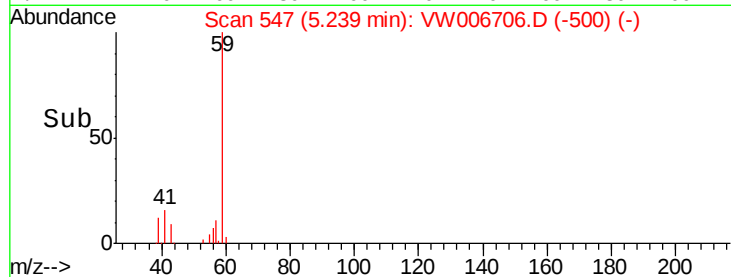
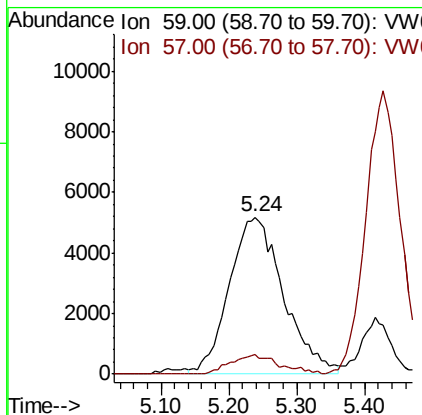
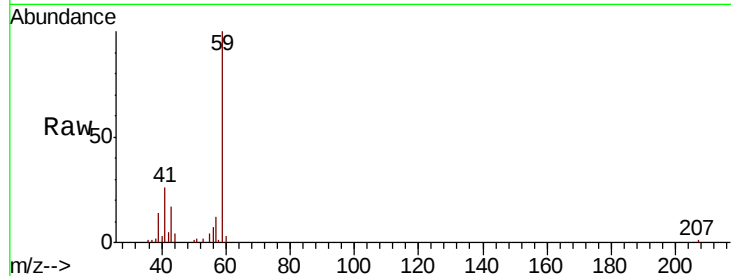
Tert butyl alcohol
 Concen: 260.968 ug/l
 RT: 5.24 min Scan# 547
 Delta R.T. -0.01 min
 Lab File: VW006706.D
 Acq: 07 Nov 2018 01:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	59.00	Resp	28739
Ion Ratio	100	Lower	Upper
59	100		
57	11.2	4.3	6.5#

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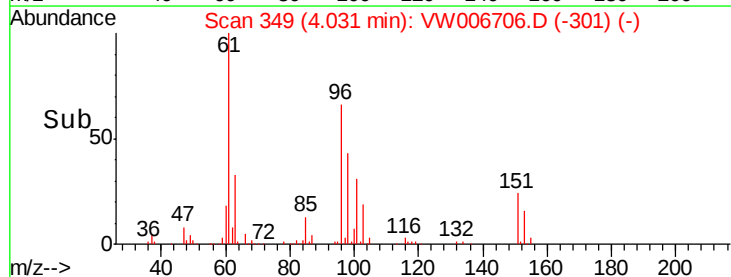
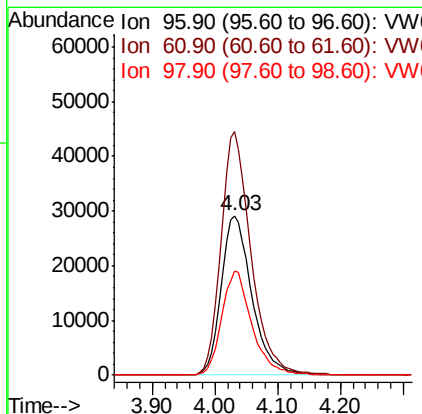
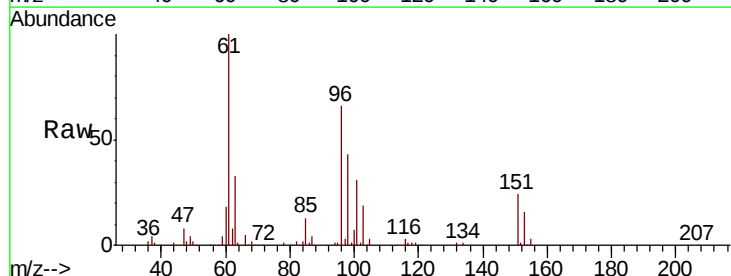
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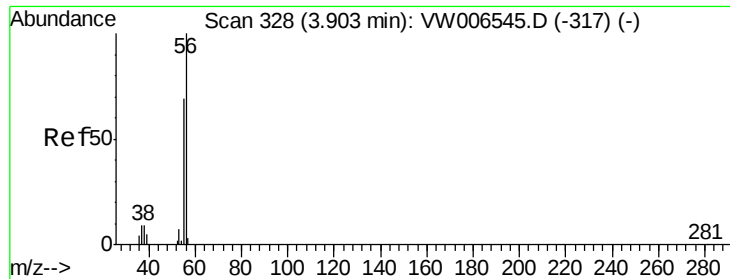


#12

1,1-Dichloroethene
 Concen: 50.952 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW006706.D
 Acq: 07 Nov 2018 01:10

Tgt Ion	96	Resp	98821
Ion Ratio	100	Lower	Upper
96	100		
61	152.5	117.0	175.4
98	64.9	52.5	78.7





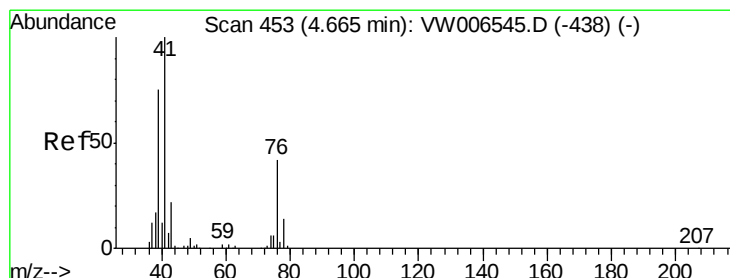
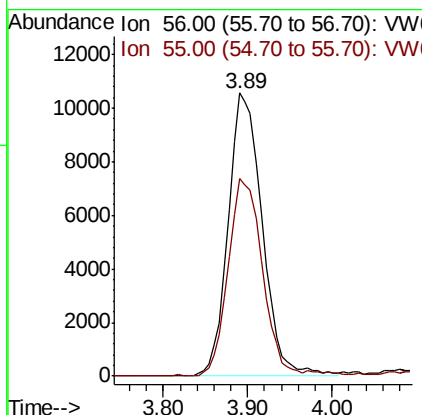
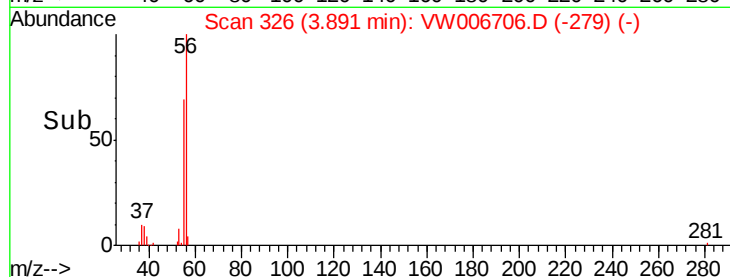
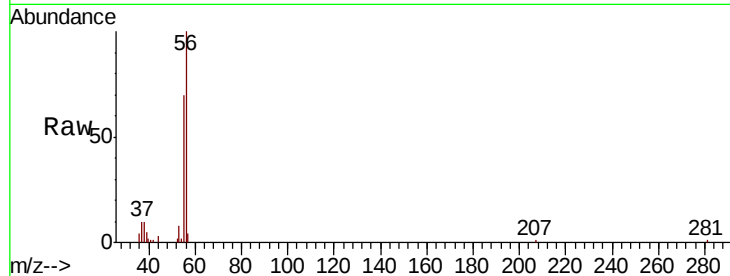
#13
Acrolein
Concen: 209.412 ug/l
RT: 3.89 min Scan# 326
Delta R.T. -0.01 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.8	56.9	85.3

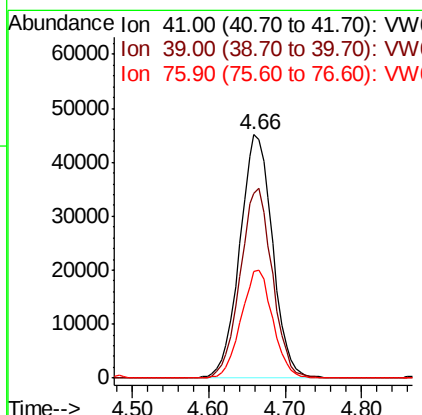
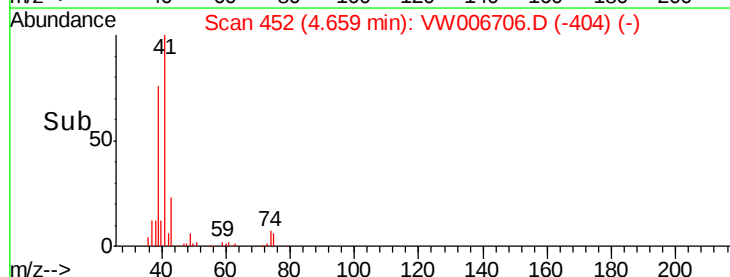
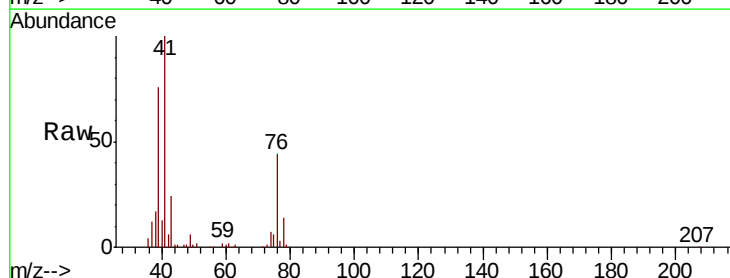
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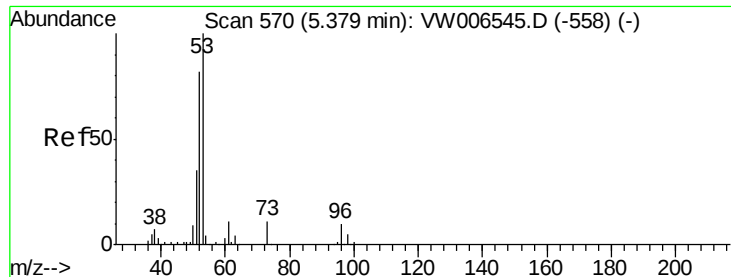
apatel
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#14
Allyl chloride
Concen: 53.066 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Tgt Ion	Ratio	Lower	Upper
41	100		
39	76.4	62.1	93.1
76	42.9	34.2	51.2





#15

Acrylonitrile

Concen: 279.781 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Instrument :

MSVOA_W

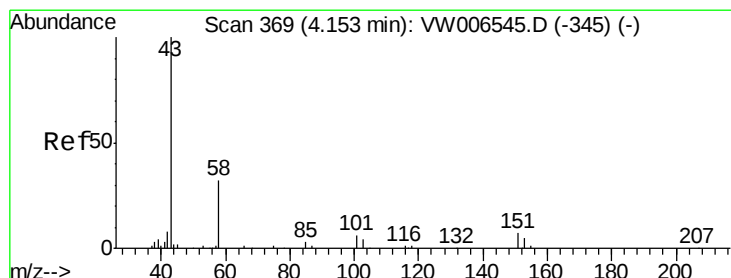
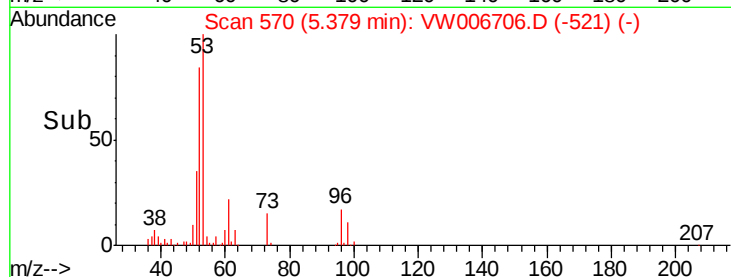
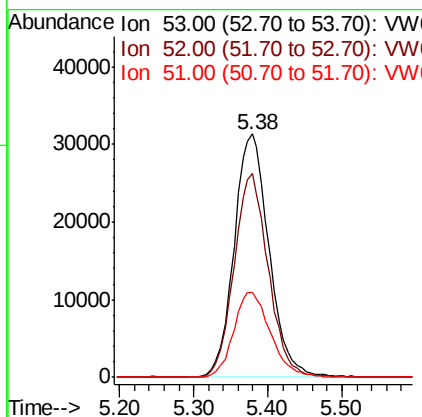
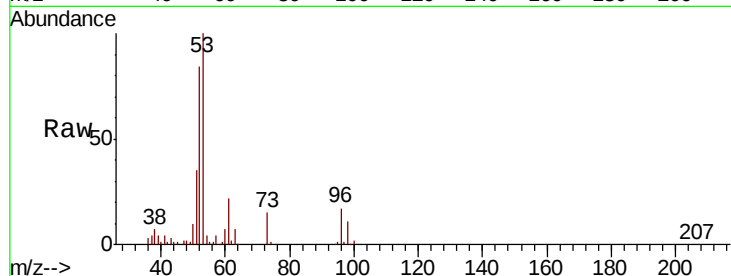
ClientSampleId :

VSTDCCC050

Tot Ion	53	Resp	103123
Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.8	98.8
51	37.0	29.6	44.4

Manual Integrations
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#16

Acetone

Concen: 259.320 ug/l

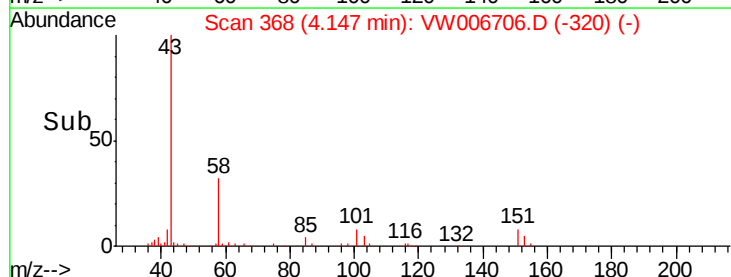
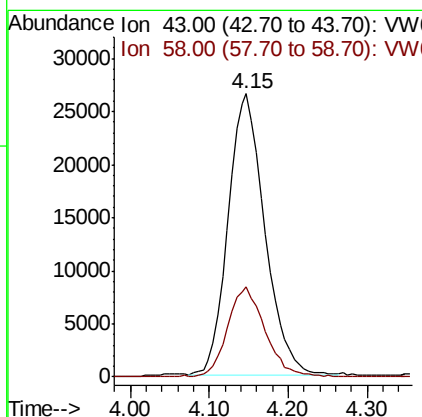
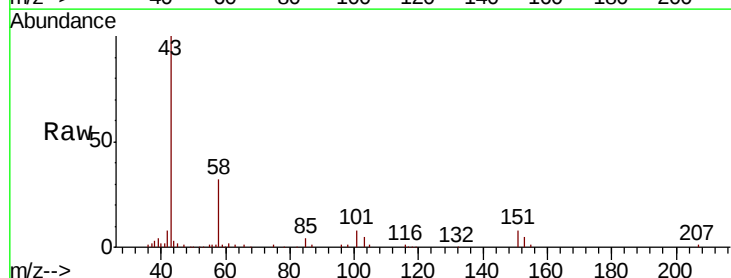
RT: 4.15 min Scan# 368

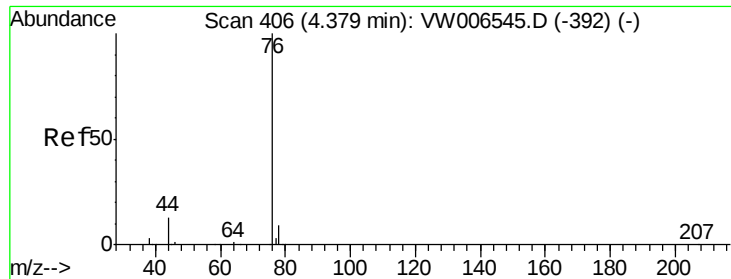
Delta R.T. -0.01 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Tgt Ion	43	Resp	85573
Ion	Ratio	Lower	Upper
43	100		
58	31.9	25.8	38.8





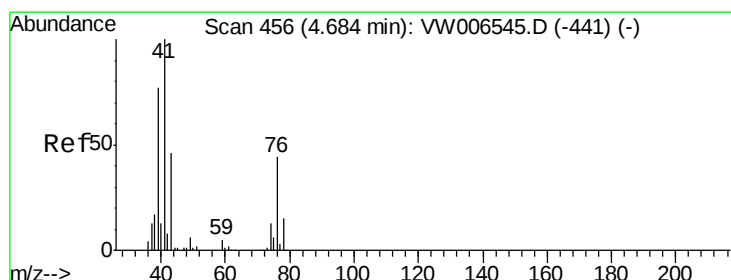
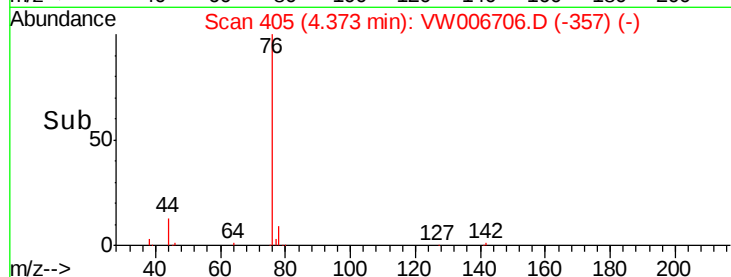
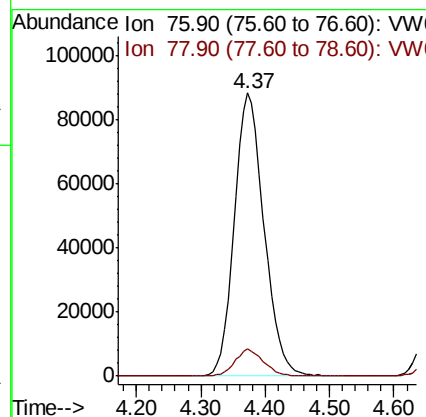
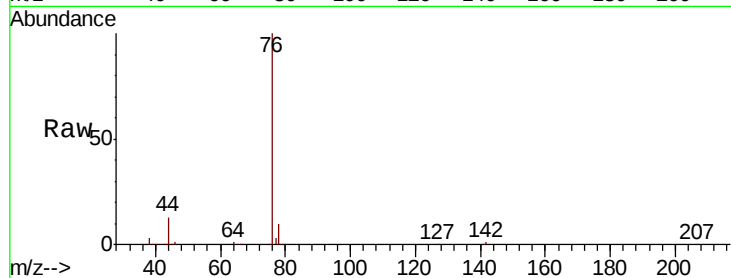
#17
Carbon Disulfide
Concen: 51.537 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.3	10.9

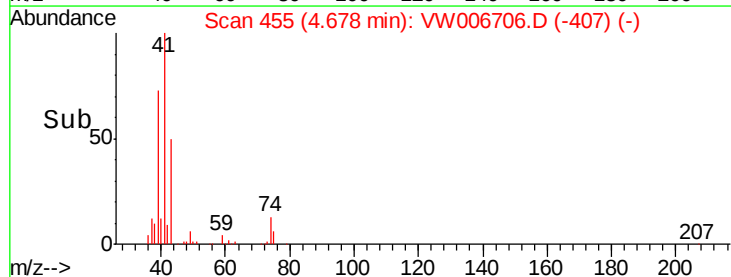
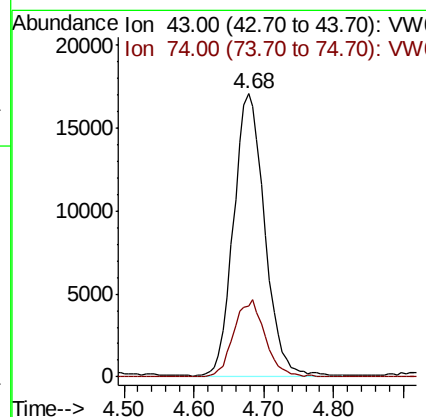
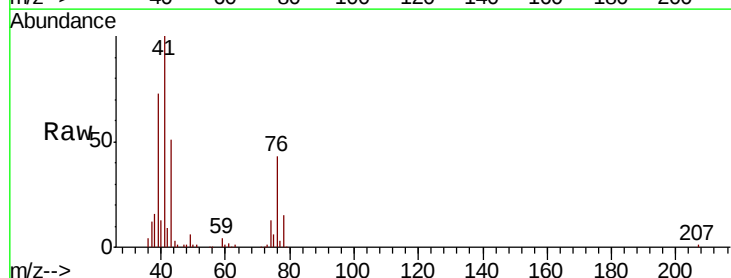
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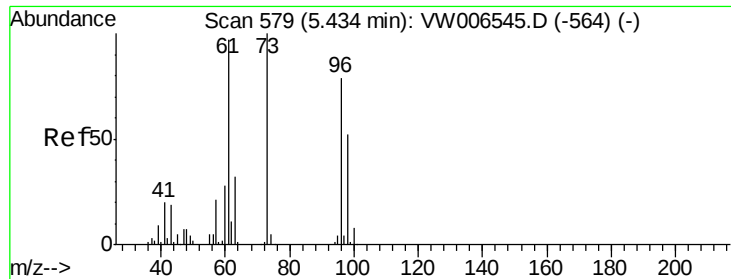
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#18
Methyl Acetate
Concen: 55.099 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.5	21.9	32.9





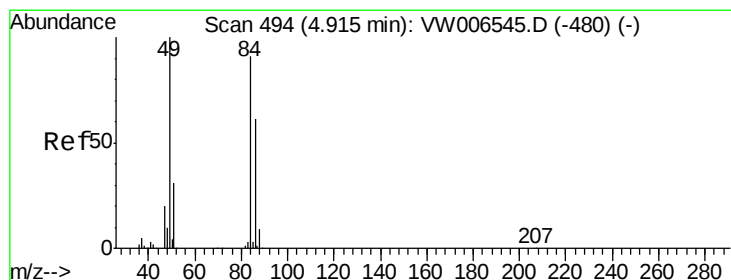
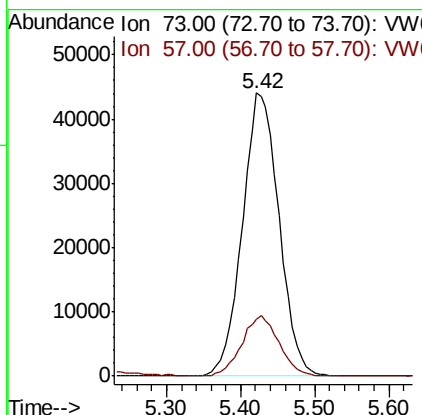
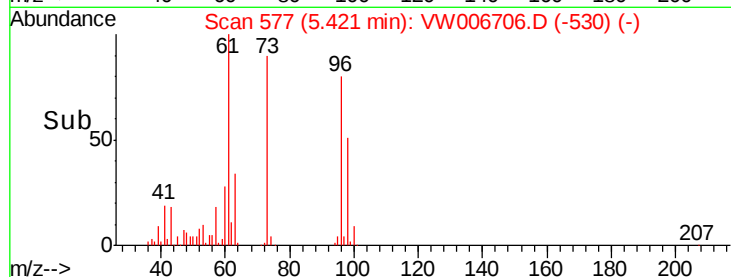
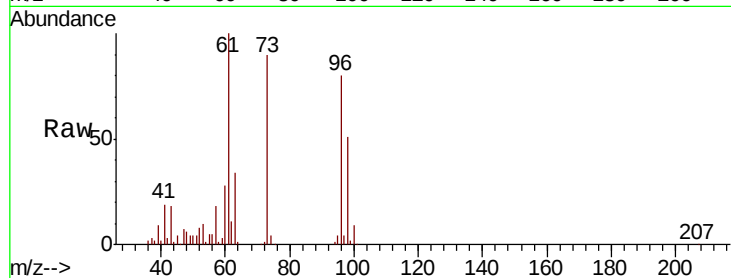
#19
Methvl tert-butvl Ether
Concen: 52.567 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 151758
Ion Ratio Lower Upper
73 100
57 20.0 16.7 25.1

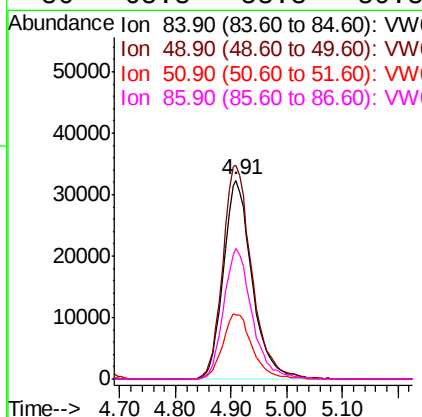
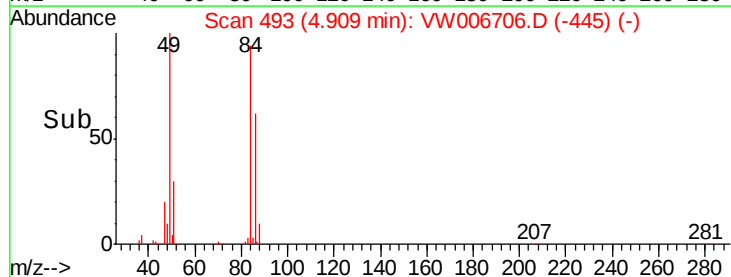
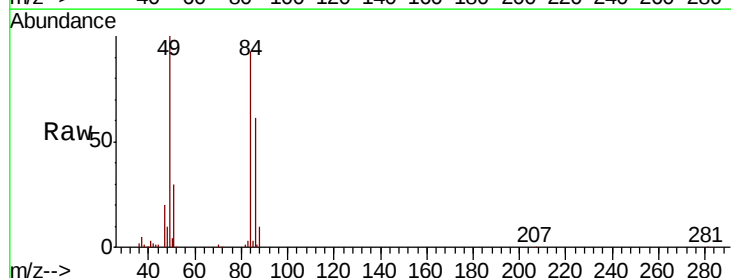
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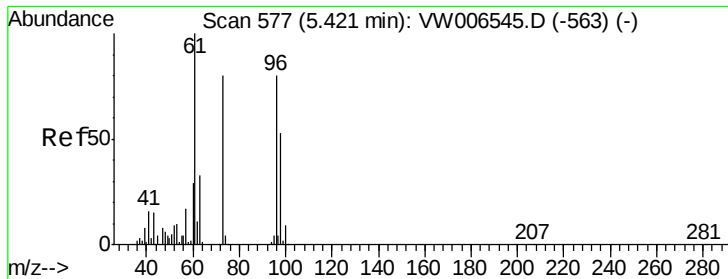
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#20
Methylene Chloride
Concen: 54.318 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Tgt Ion: 84 Resp: 115058
Ion Ratio Lower Upper
84 100
49 107.4 88.2 132.4
51 32.1 27.0 40.6
86 65.8 53.8 80.8





#21

trans-1,2-Dichloroethene

Concen: 53.786 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Instrument :

MSVOA_W

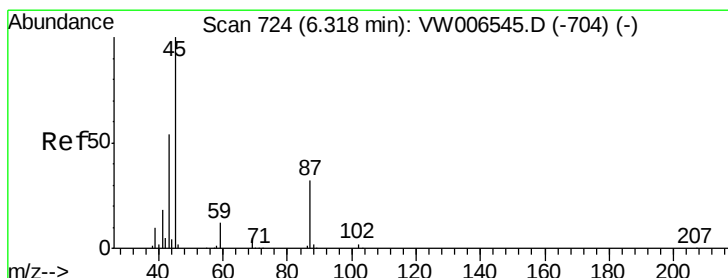
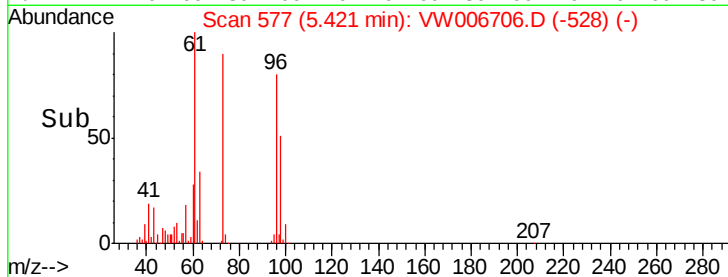
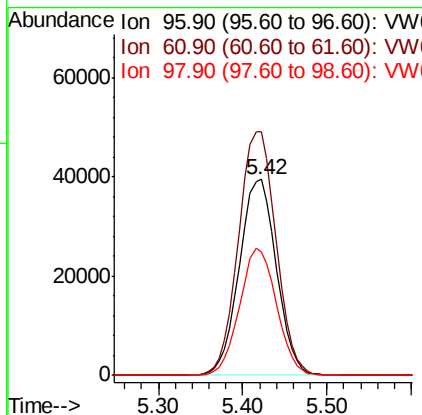
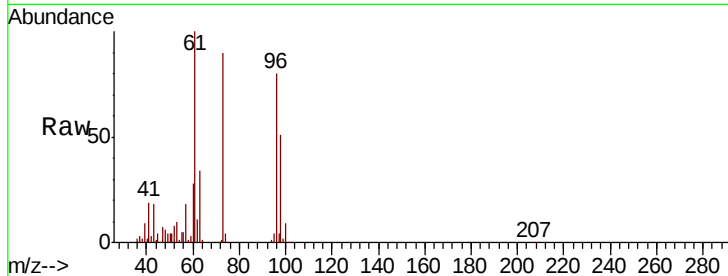
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	118040
Ion	Ratio	Lower	Upper
96	100		
61	124.4	100.6	150.8
98	63.2	52.9	79.3

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#22

Diisopropyl ether

Concen: 55.316 ug/l

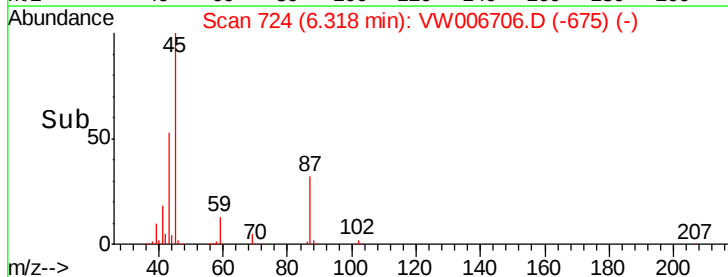
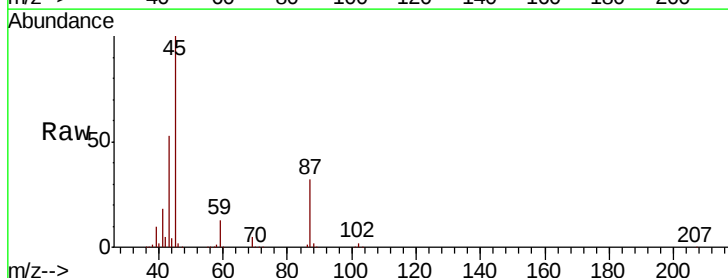
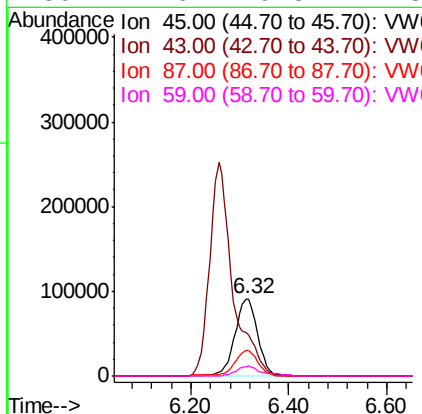
RT: 6.32 min Scan# 724

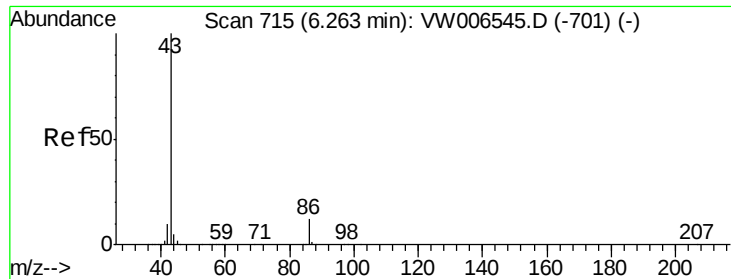
Delta R.T. 0.00 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Tgt Ion:	45	Resp:	291953
Ion	Ratio	Lower	Upper
45	100		
43	52.7	43.6	65.4
87	32.4	26.3	39.5
59	12.6	9.8	14.8





#23

Vinyl Acetate

Concen: 281.887 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 825041

Ion Ratio Lower Upper

43 100

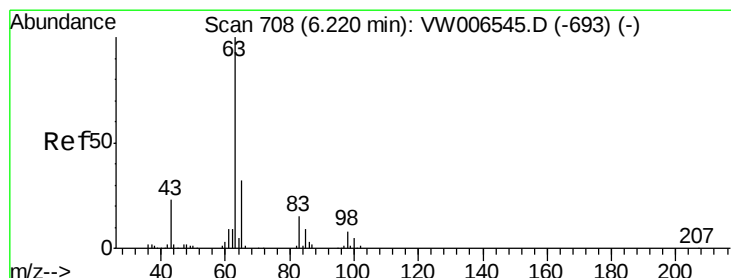
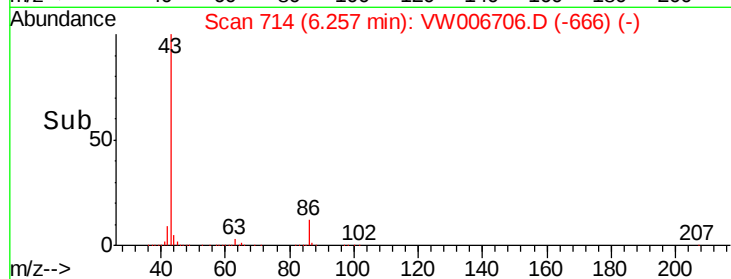
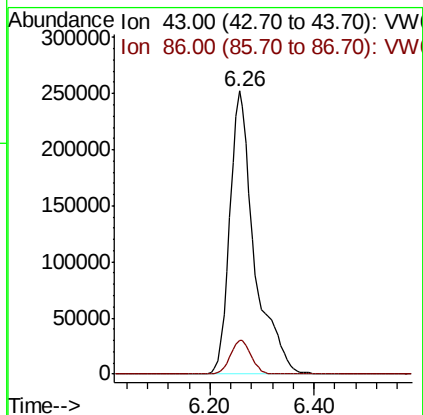
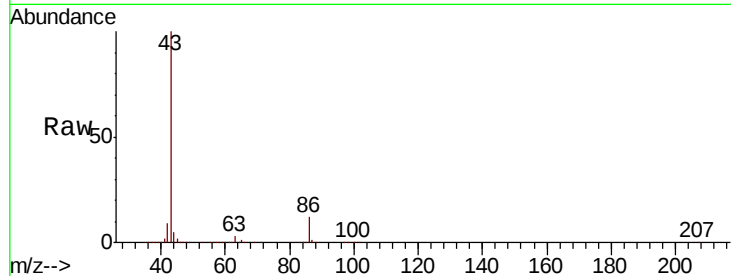
86 11.9 9.8 14.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 54.656 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

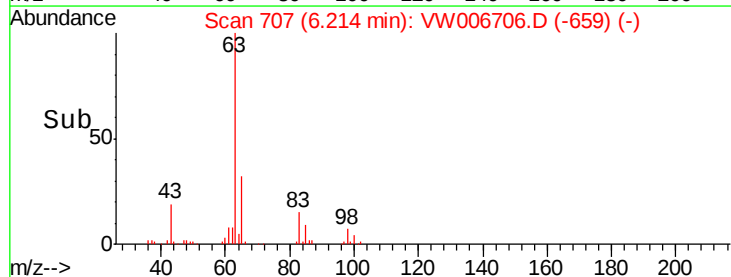
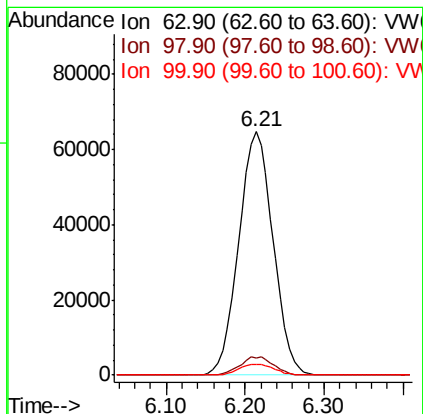
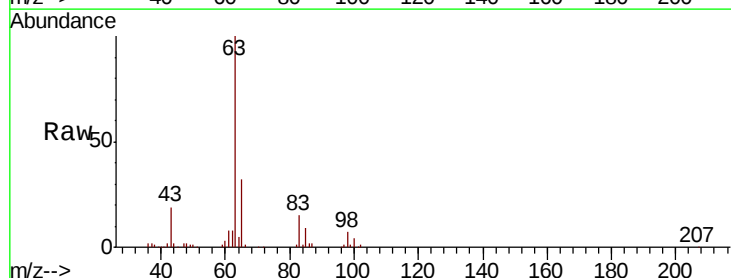
Tgt Ion: 63 Resp: 195505

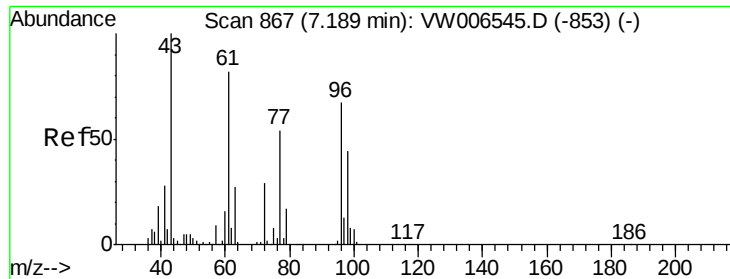
Ion Ratio Lower Upper

63 100

98 7.0 3.8 11.4

100 4.4 2.4 7.2





#25

2-Butanone

Concen: 272.608 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 128366

Ion Ratio Lower Upper

43 100

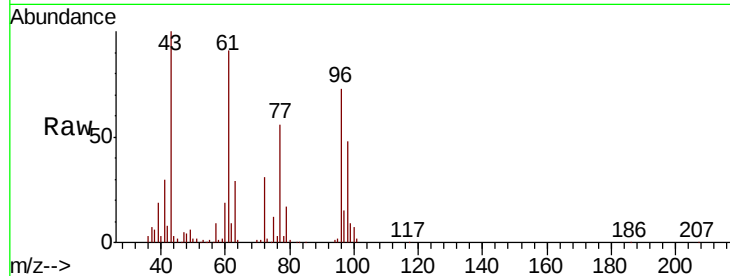
72 31.2 23.2 34.8

Manual Integrations

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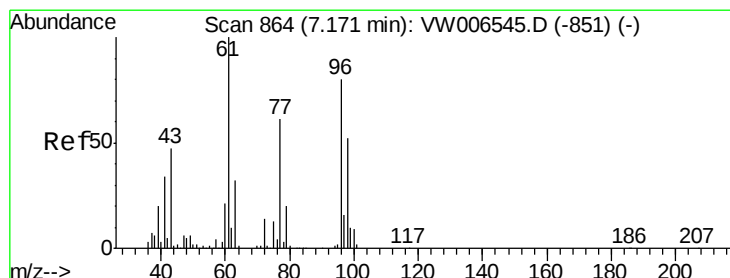
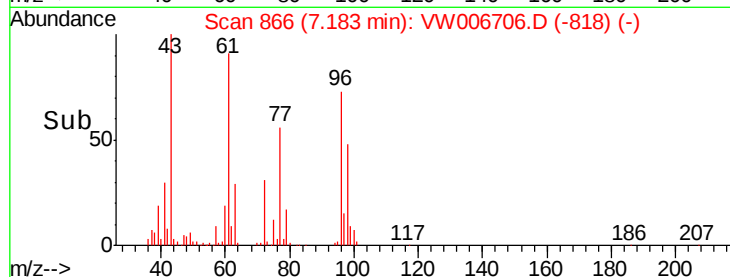
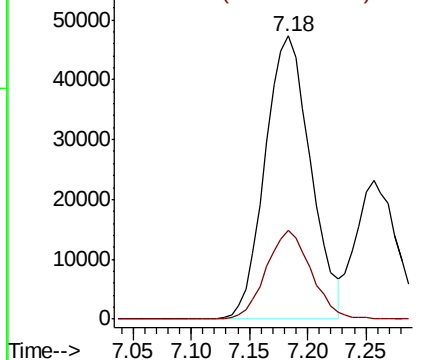
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 51.811 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006706.D

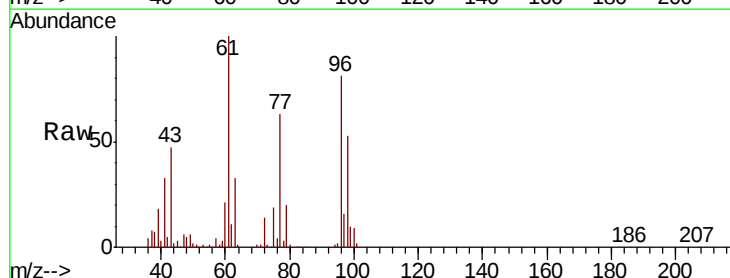
Acq: 07 Nov 2018 01:10

Tgt Ion: 77 Resp: 111639

Ion Ratio Lower Upper

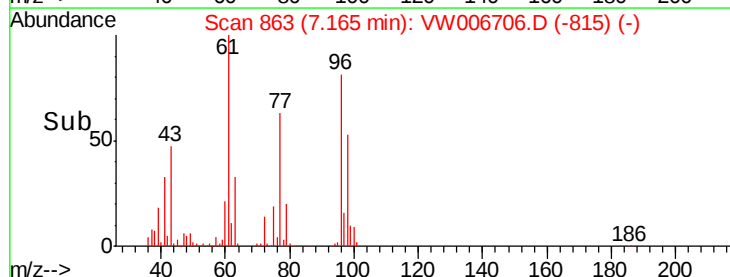
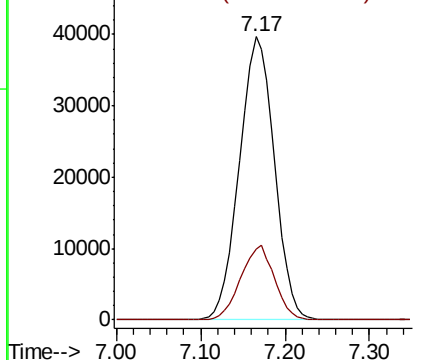
77 100

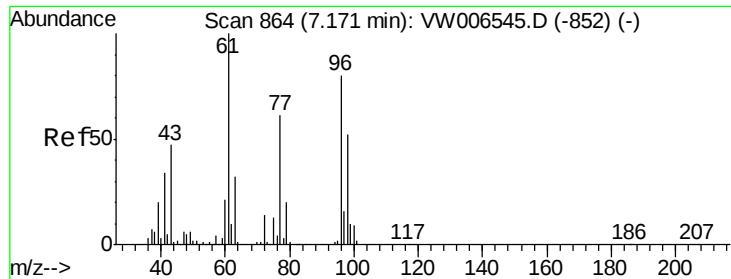
97 25.3 12.8 38.4



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW





#27

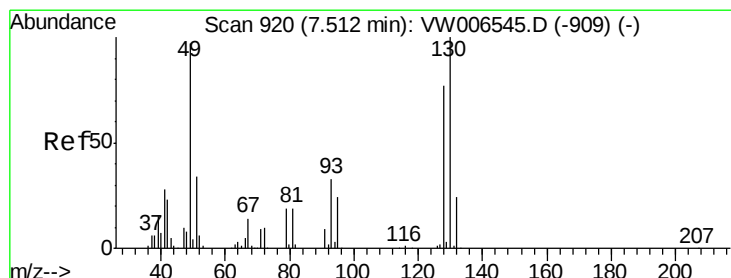
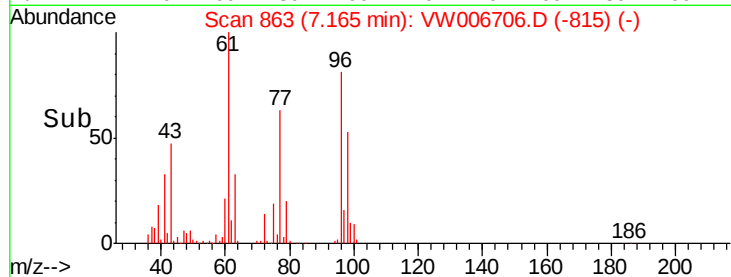
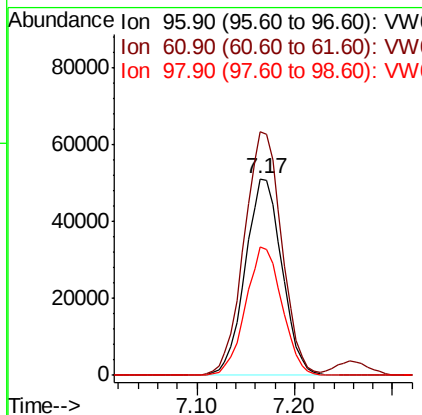
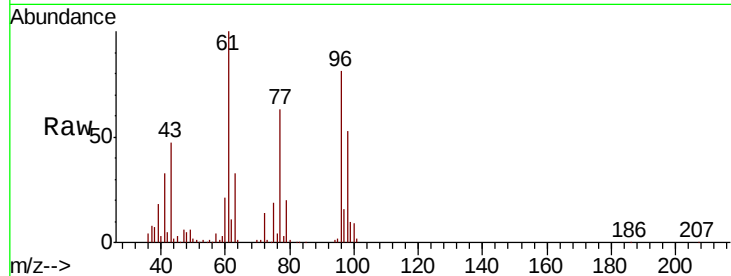
cis-1,2-Dichloroethene
Concen: 54.104 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	126.8	0.0	254.2
98	64.6	0.0	129.6

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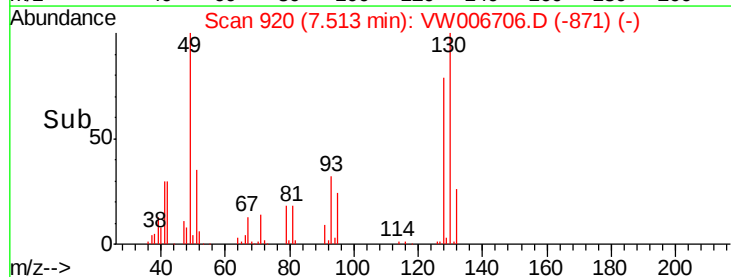
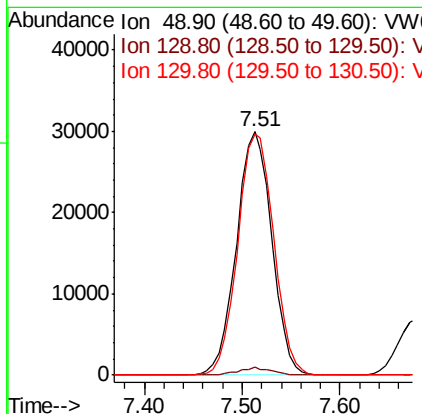
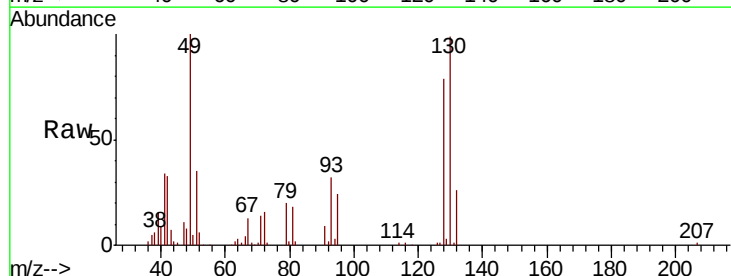
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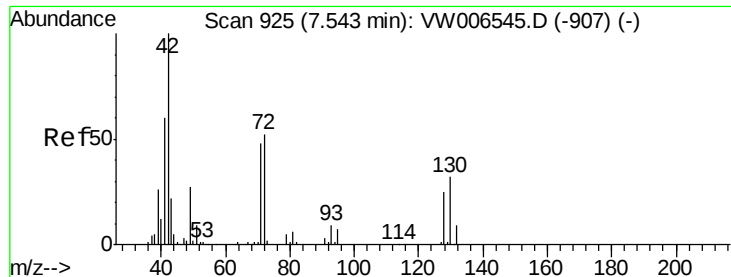


#28

Bromochloromethane
Concen: 52.904 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.6
130	101.0	82.2	123.2





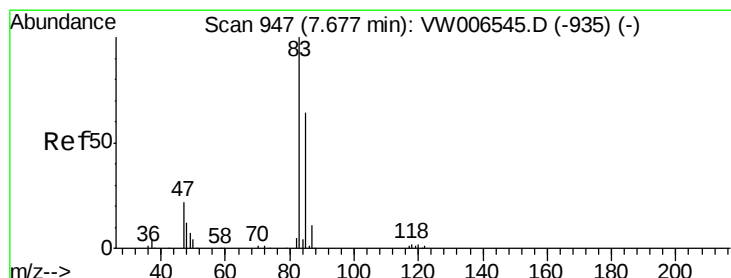
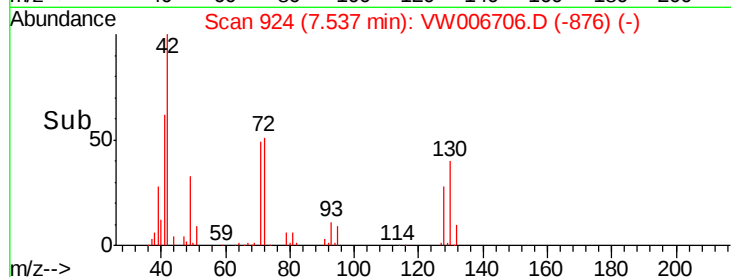
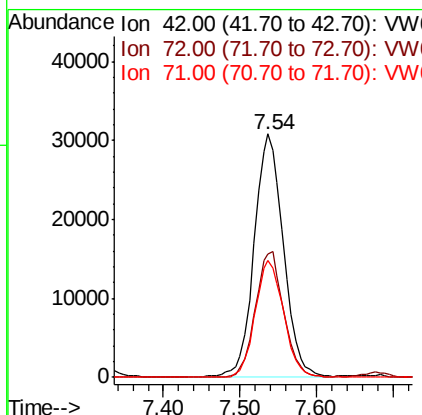
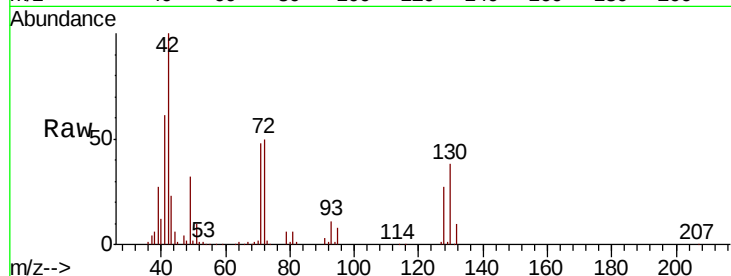
#29
Tetrahydrofuran
Concen: 278.306 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.9	39.2	58.8
71	46.7	37.6	56.4

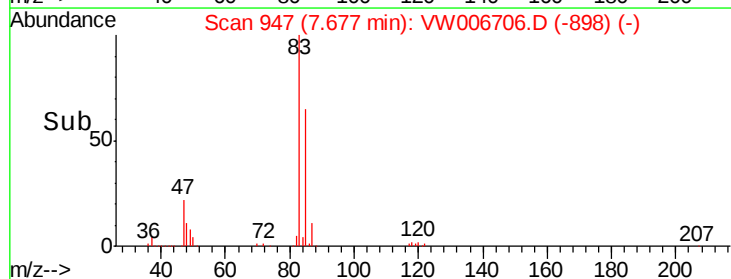
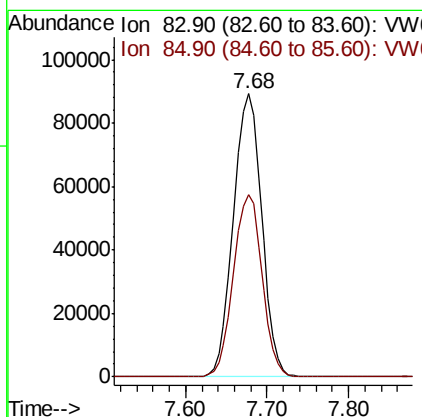
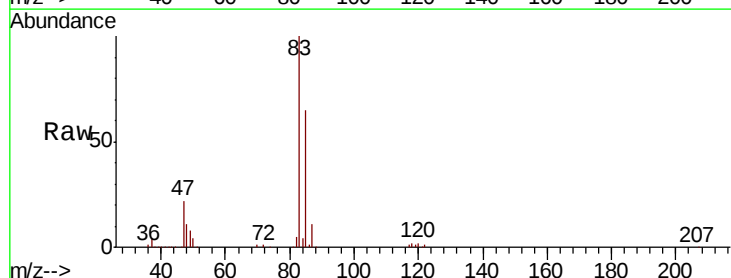
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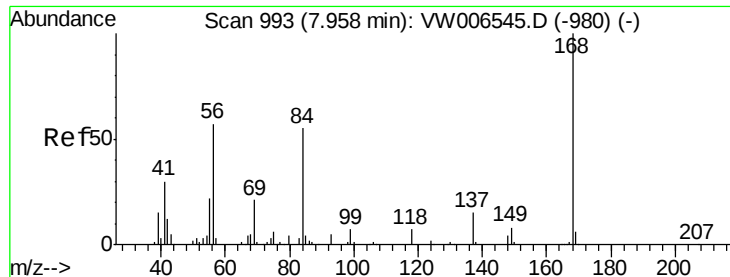
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#30
Chloroform
Concen: 54.829 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.3	76.9





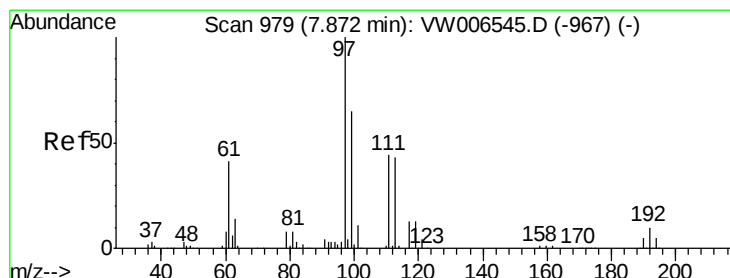
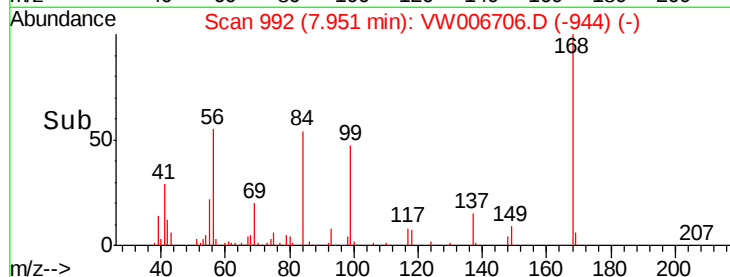
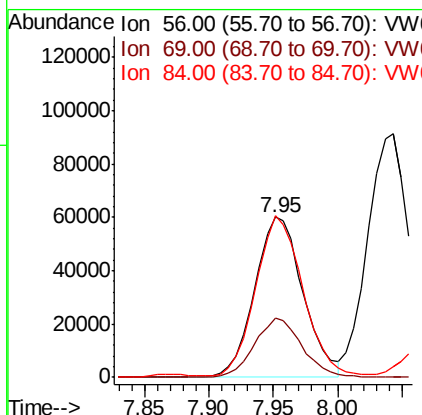
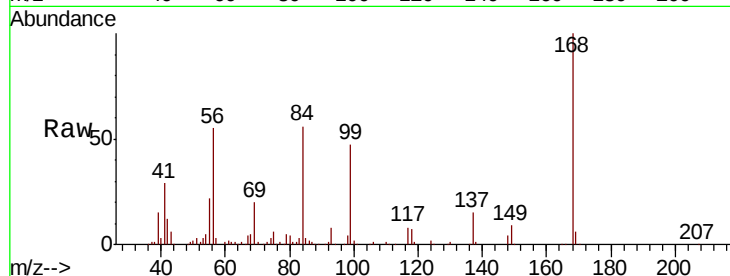
#31
Cyclohexane
Concen: 48.146 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.9	29.0	43.4
84	99.2	77.8	116.6

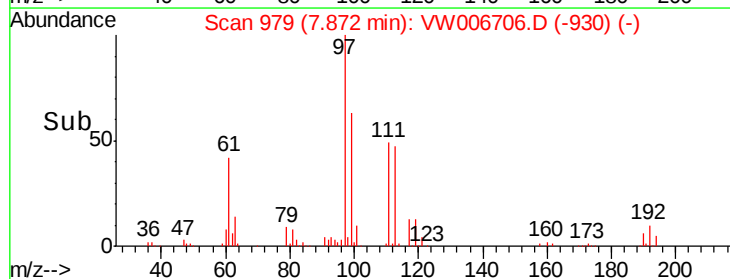
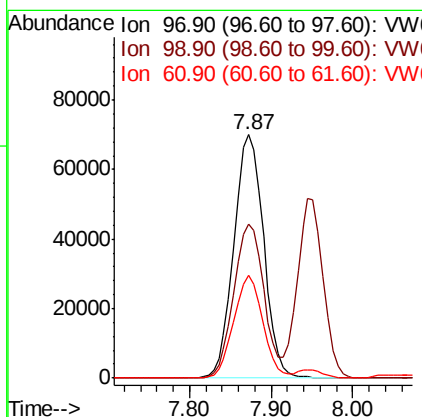
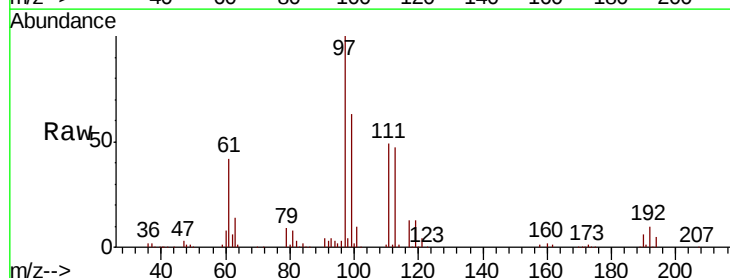
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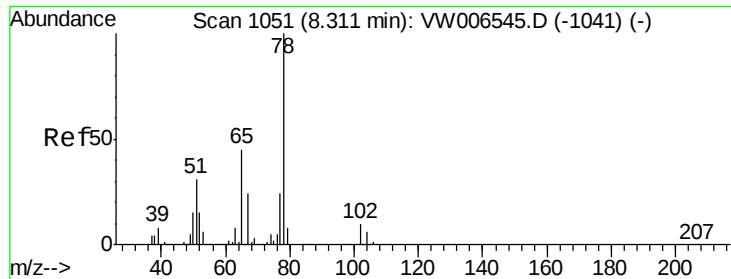
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#32
1,1,1-Trichloroethane
Concen: 53.316 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.7	77.5
61	41.1	32.9	49.3





#33

1,2-Dichloroethane-d4

Concen: 49.955 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 65 Resp: 102103

Ion Ratio Lower Upper

65 100

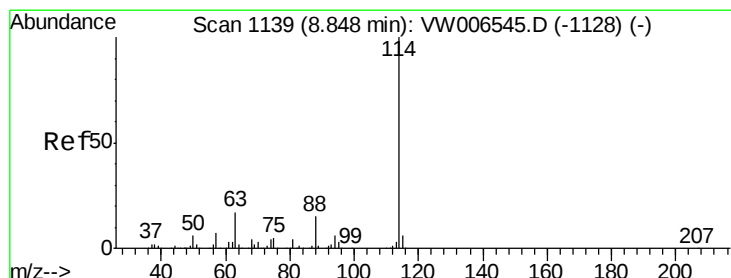
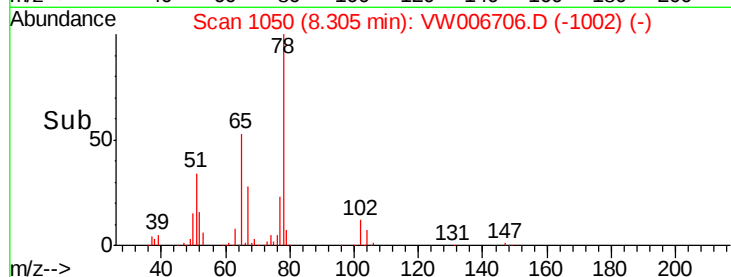
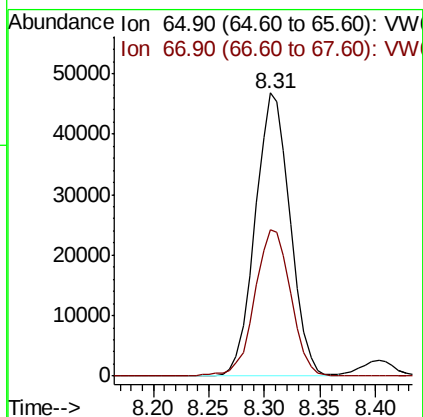
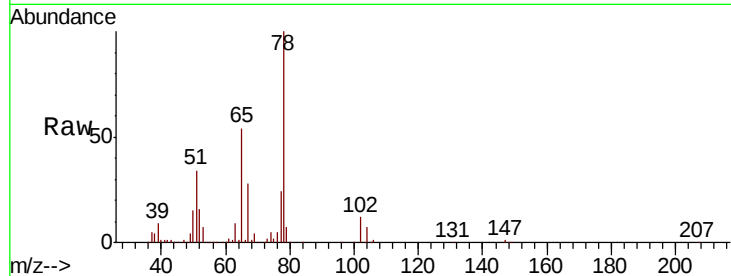
67 53.7 0.0 104.4

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

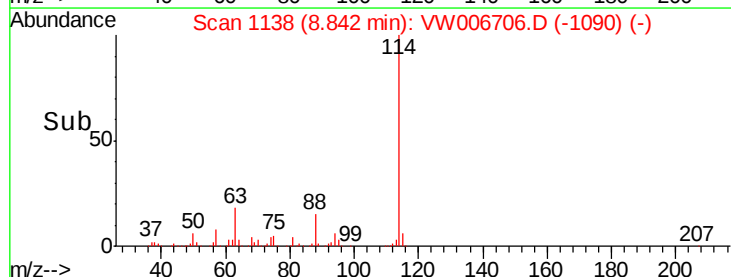
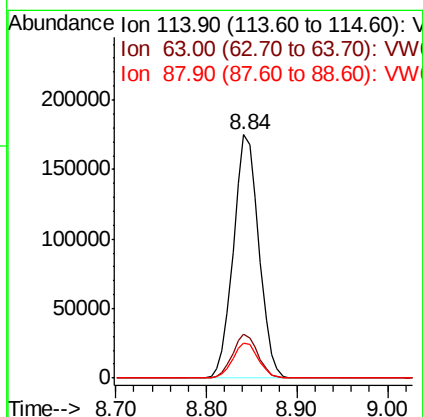
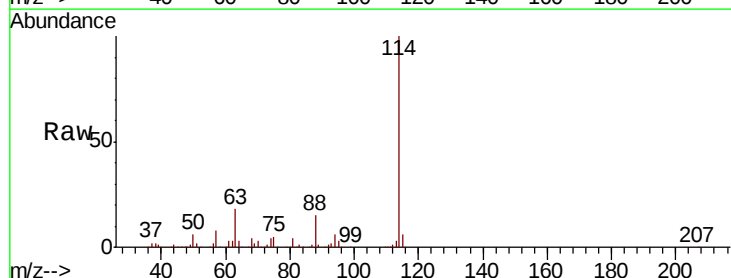
Tgt Ion: 114 Resp: 340520

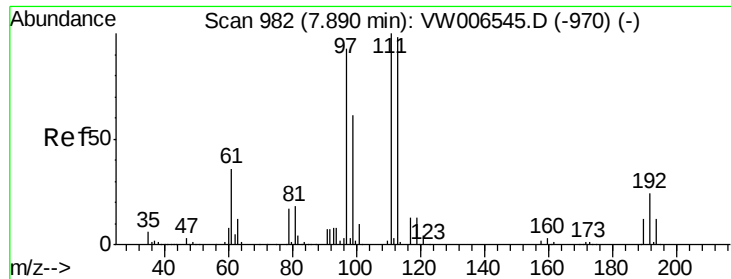
Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.4

88 14.6 0.0 29.0





#35

Dibromofluoromethane

Concen: 51.150 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Instrument :

MSVOA_W

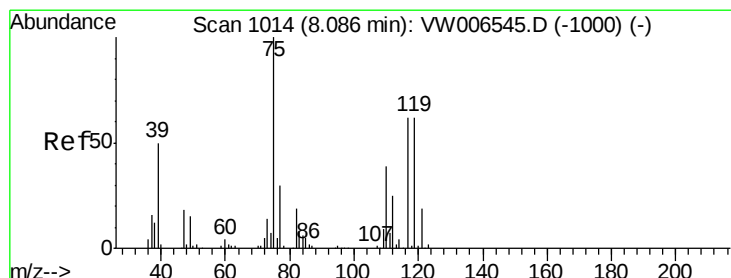
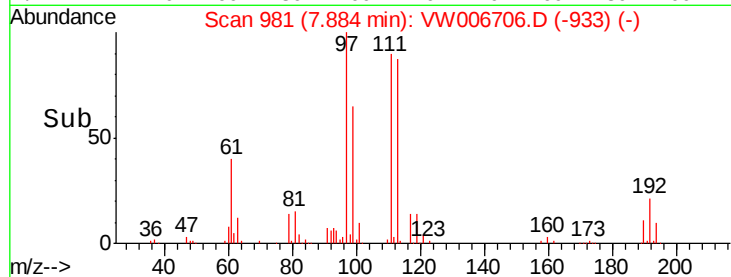
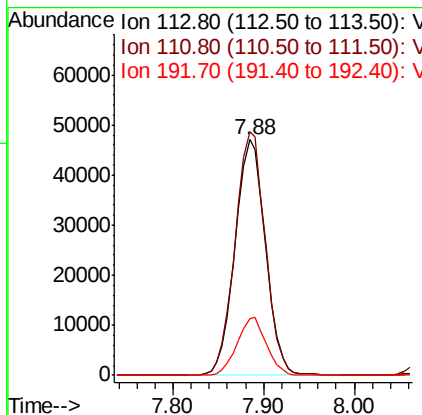
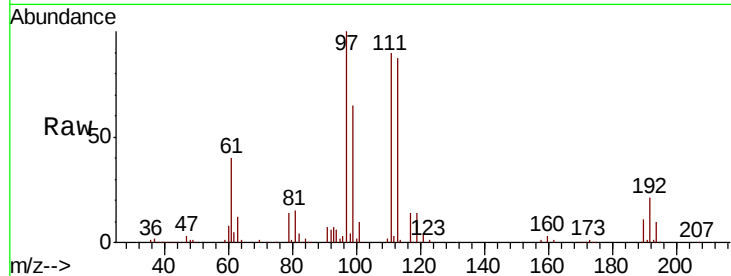
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	109309
Ion Ratio	Lower	Upper	
113	100		
111	103.3	82.2	123.2
192	23.6	19.0	28.6

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#36

1,1-Dichloropropene

Concen: 53.787 ug/l

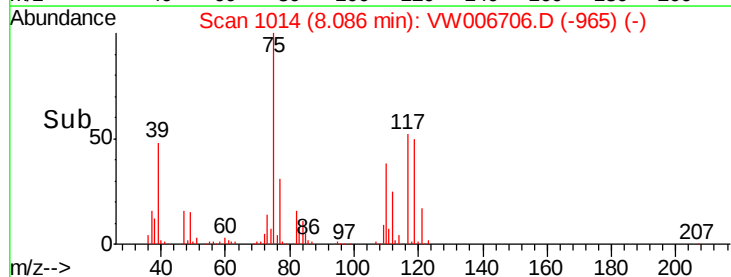
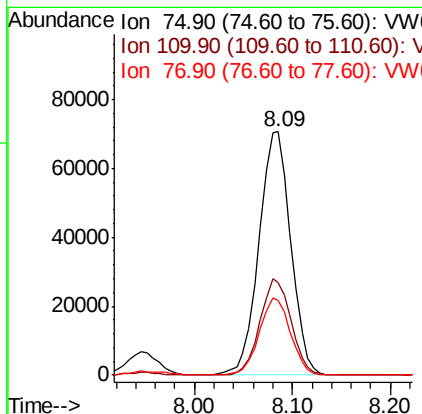
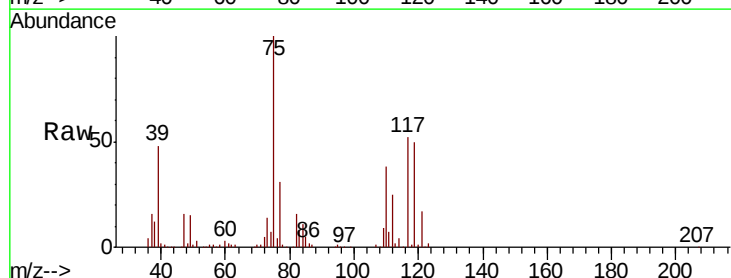
RT: 8.09 min Scan# 1014

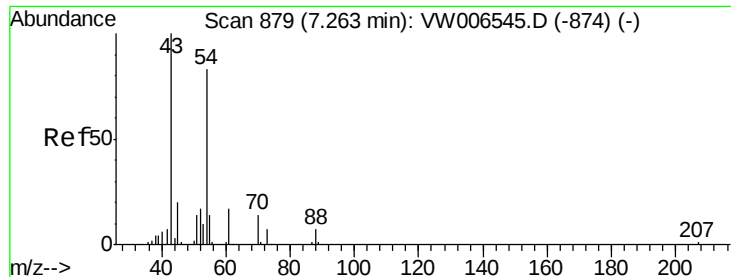
Delta R.T. 0.00 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Tgt Ion:	75	Resp:	161068
Ion Ratio	Lower	Upper	
75	100		
110	38.8	19.5	58.5
77	31.3	24.6	37.0





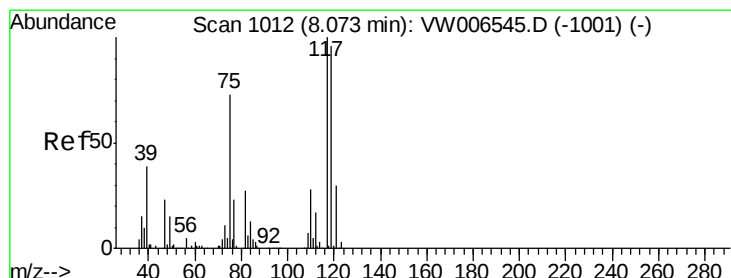
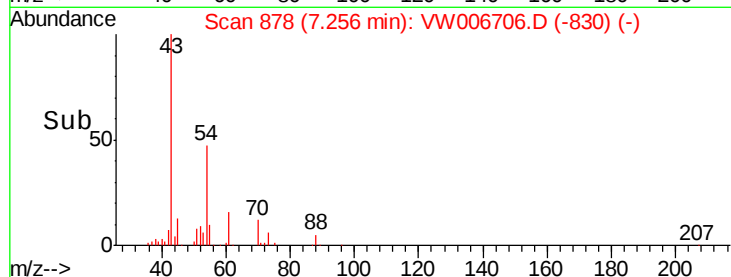
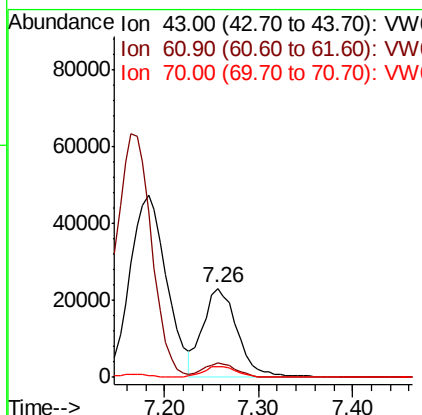
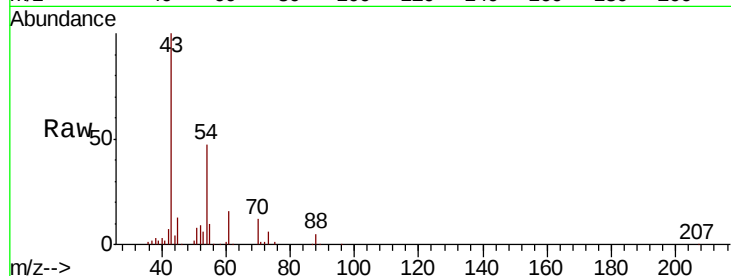
#37
Ethyl Acetate
Concen: 56.231 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	12.1	18.1
70	11.6	9.8	14.6

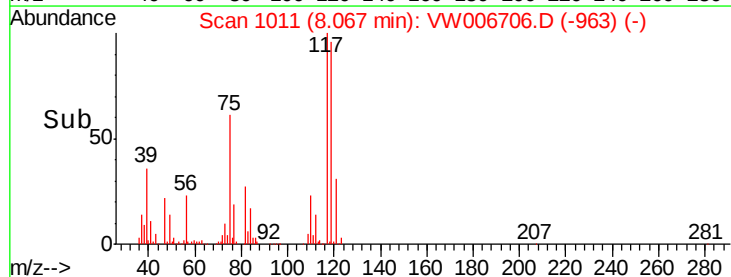
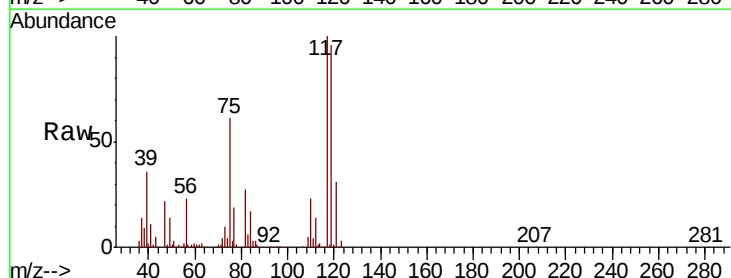
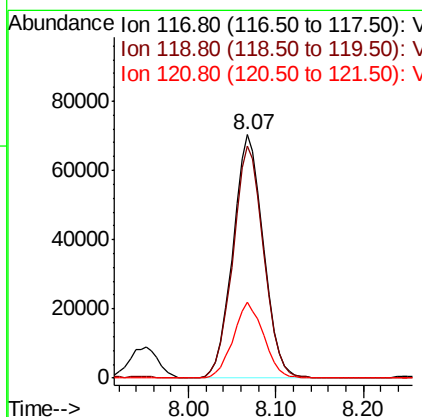
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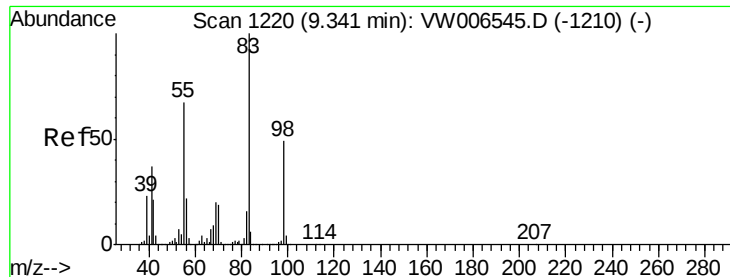
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#38
Carbon Tetrachloride
Concen: 54.392 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.3	114.5
121	31.2	24.1	36.1





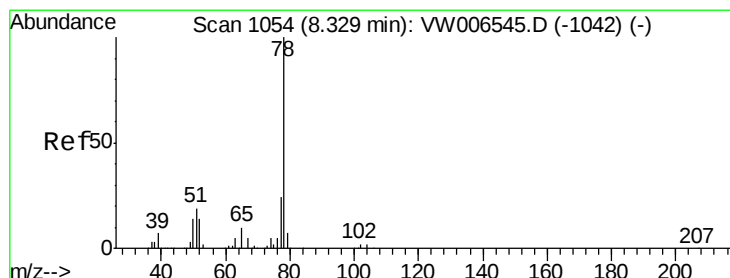
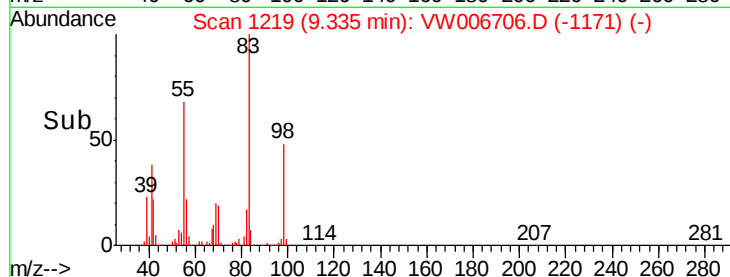
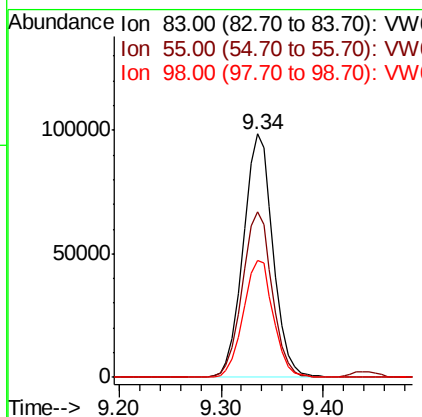
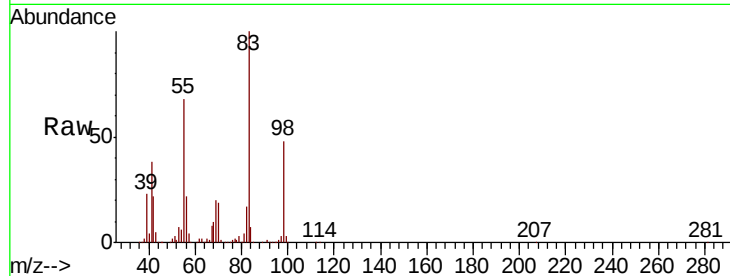
#39
Methvlcvclohexane
Concen: 52.484 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	199449
Ion Ratio	Lower	Upper	
83	100		
55	68.0	53.7	80.5
98	47.9	39.2	58.8

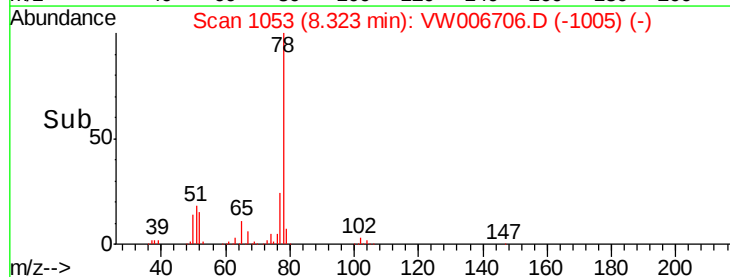
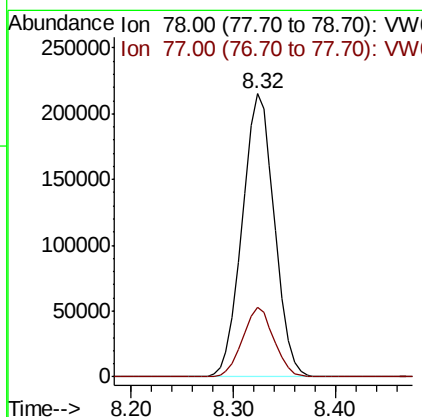
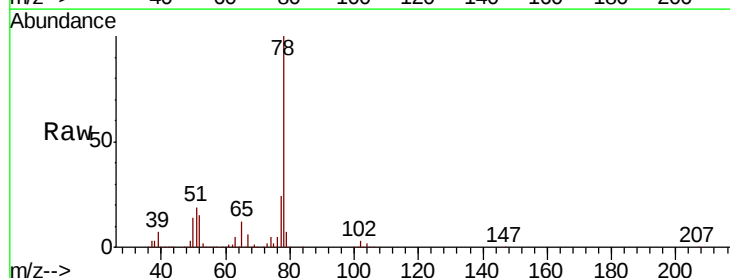
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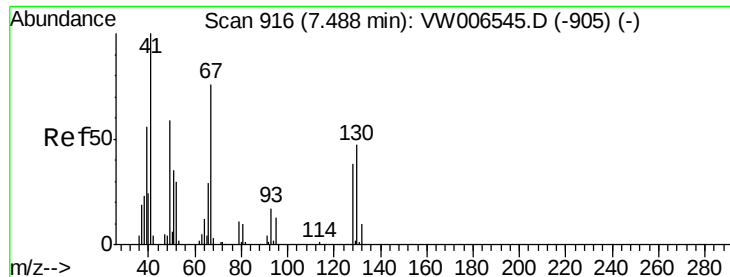
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#40
Benzene
Concen: 55.496 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Tgt Ion	78	Resp	472032
Ion Ratio	Lower	Upper	
78	100		
77	24.4	19.2	28.8





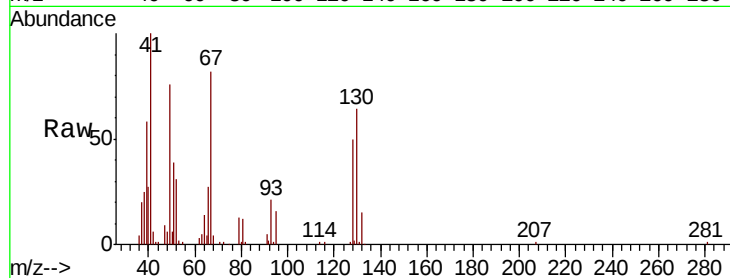
#41
Methacrylonitrile
Concen: 58.562 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

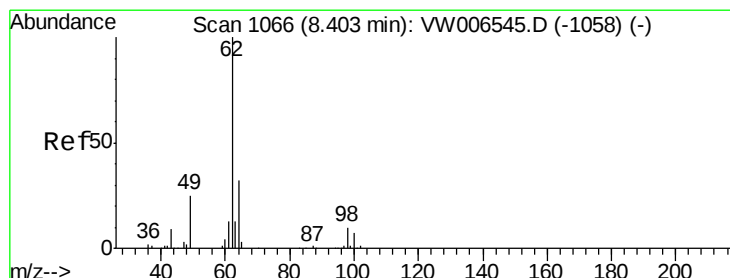
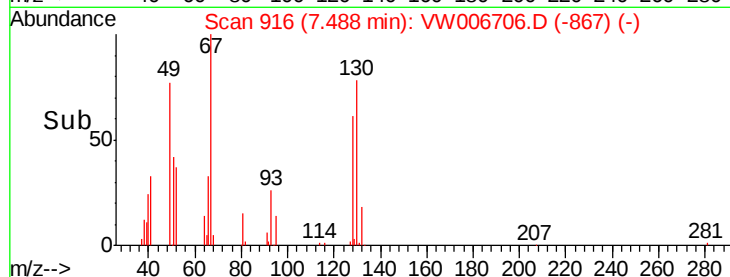
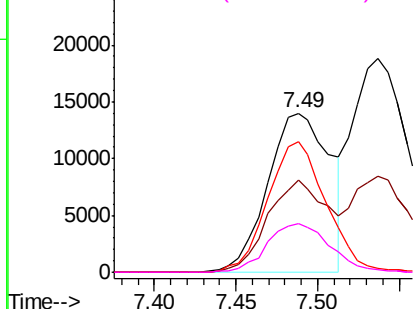
Tot Ion	Ratio	Lower	Upper
41	100		
39	55.6	44.5	66.7
67	76.8	63.8	95.8
52	30.7	26.3	39.5

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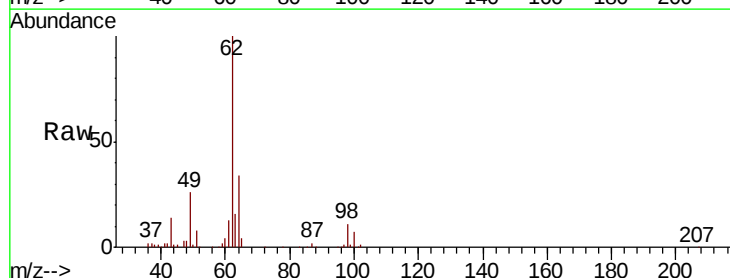


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

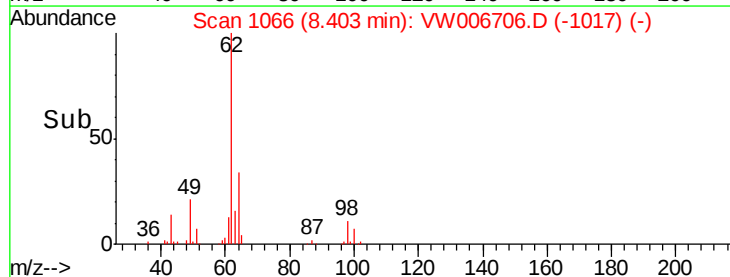
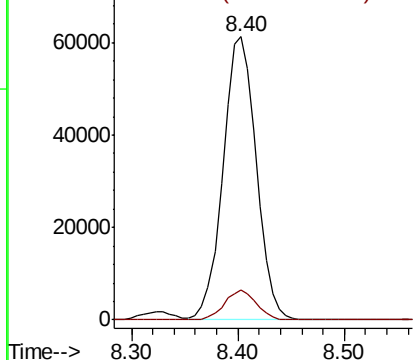


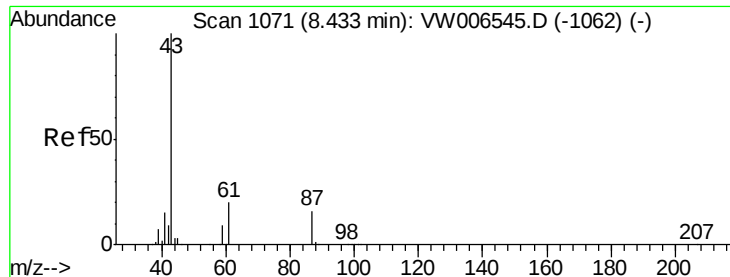
#42
1,2-Dichloroethane
Concen: 54.849 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.8



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





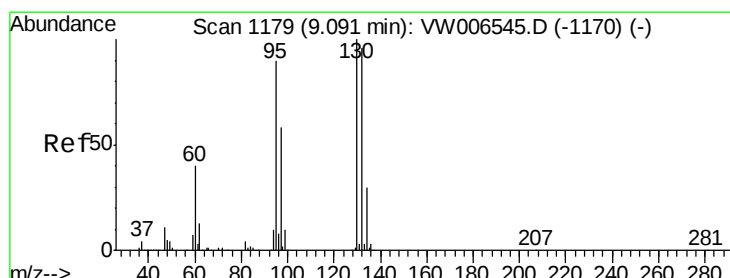
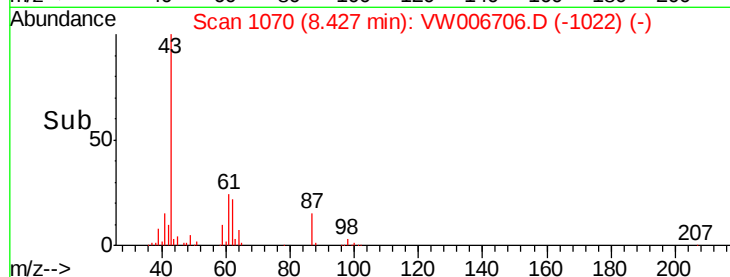
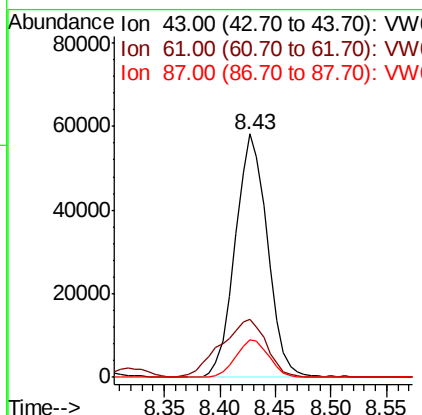
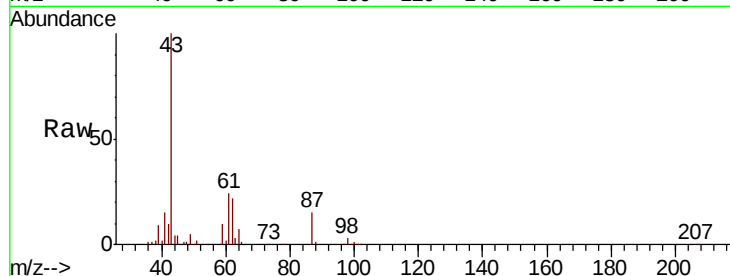
#43
Isopropyl Acetate
Concen: 56.284 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. -0.01 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	33.6	27.2	40.8
87	15.9	12.9	19.3

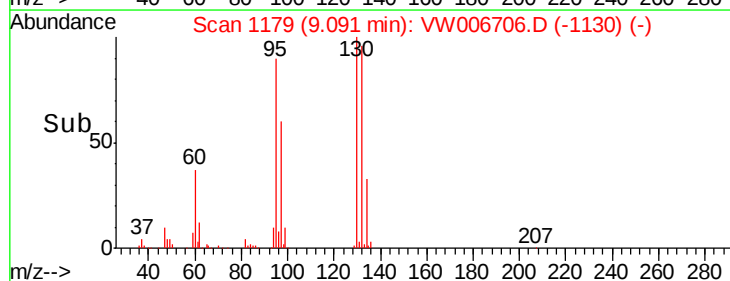
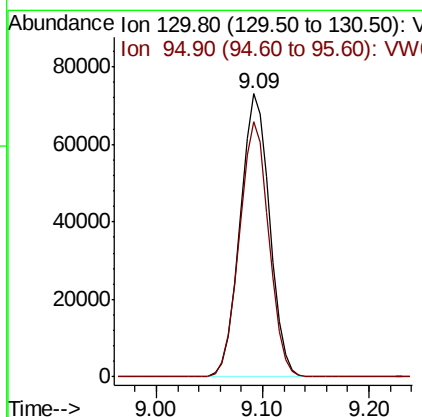
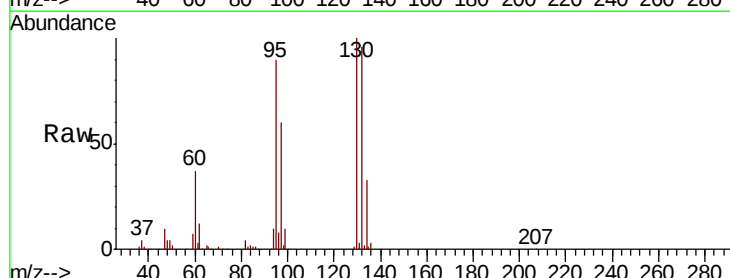
Manual Integrations
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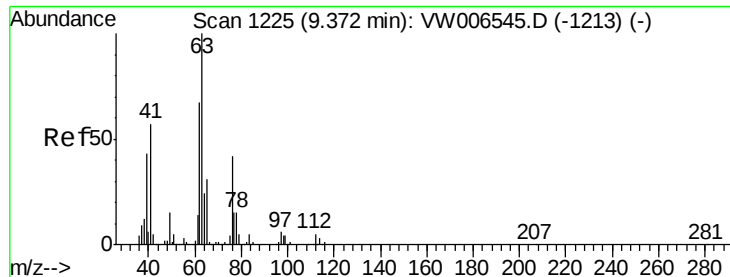
apatel
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#44
Trichloroethene
Concen: 54.195 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.2	0.0	179.2





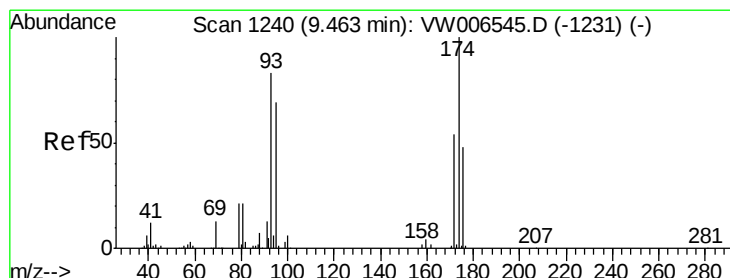
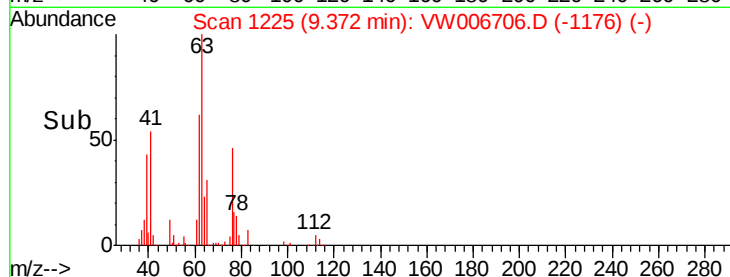
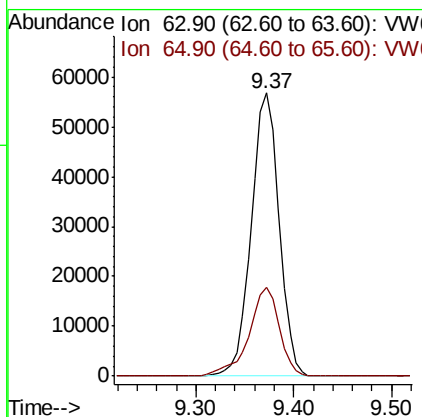
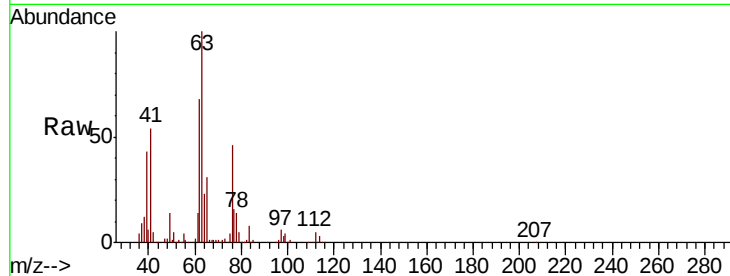
#45
 1,2-Dichloropropane
 Concen: 56.709 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006706.D
 Acq: 07 Nov 2018 01:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.5	25.1	37.7

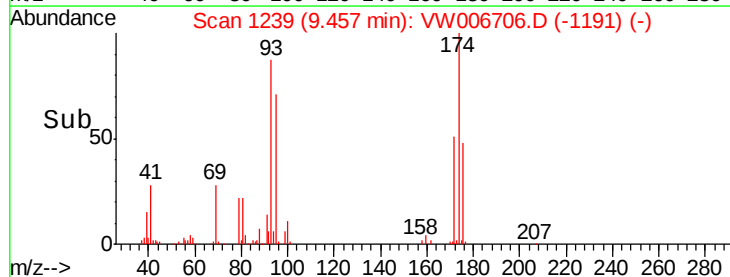
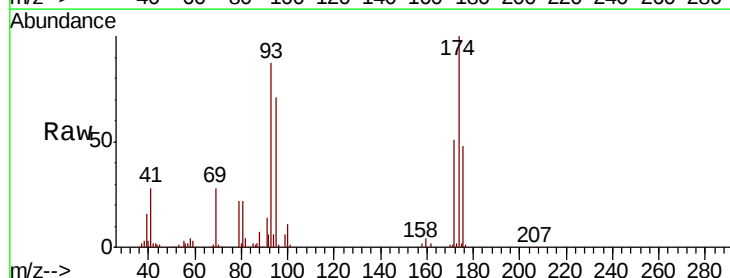
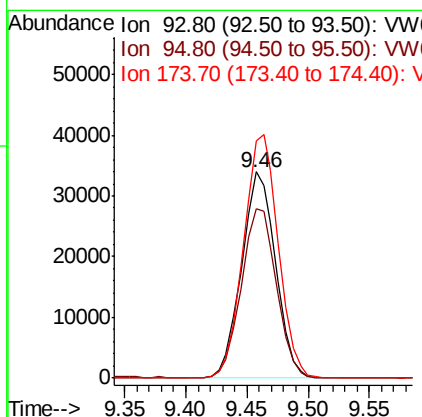
Manual Integrations
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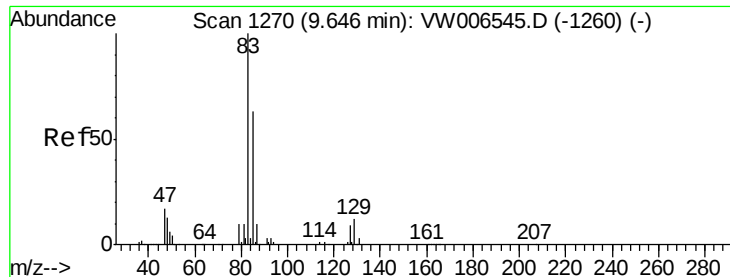
apatel
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#46
 Dibromomethane
 Concen: 56.335 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW006706.D
 Acq: 07 Nov 2018 01:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.7	67.2	100.8
174	120.6	97.3	145.9





#47

Bromodichloromethane

Concen: 58.108 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Instrument :

MSVOA_W

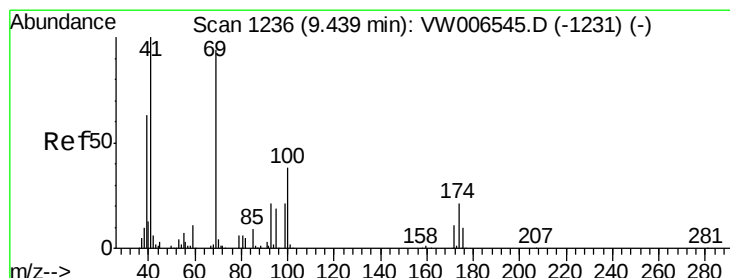
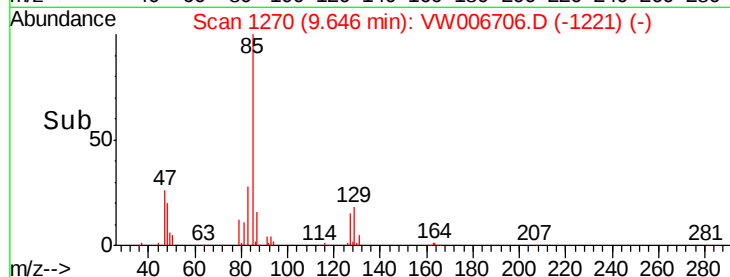
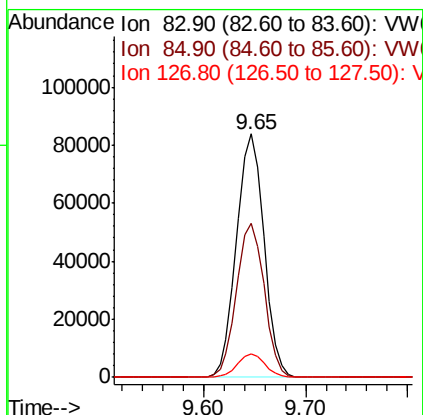
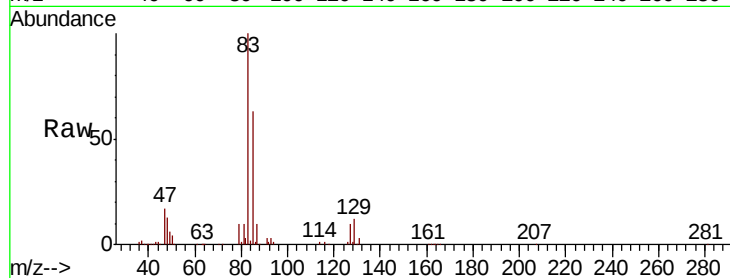
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	156992
Ion	Ratio	Lower	Upper
83	100		
85	63.2	50.6	75.8
127	9.5	7.5	11.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 56.677 ug/l

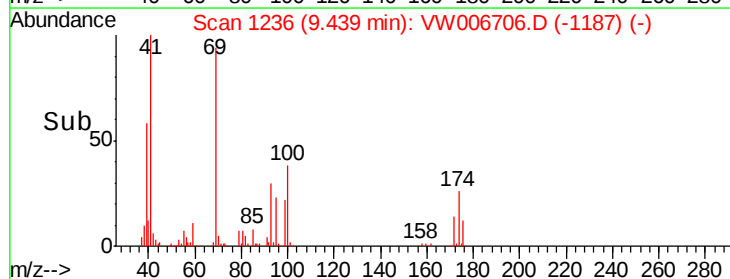
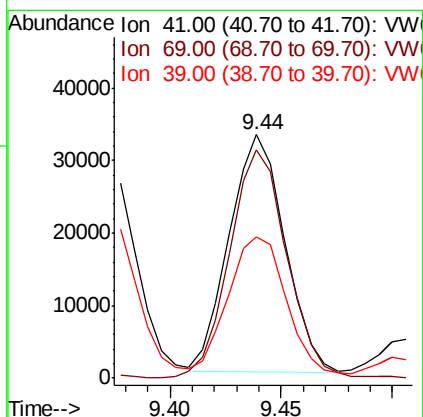
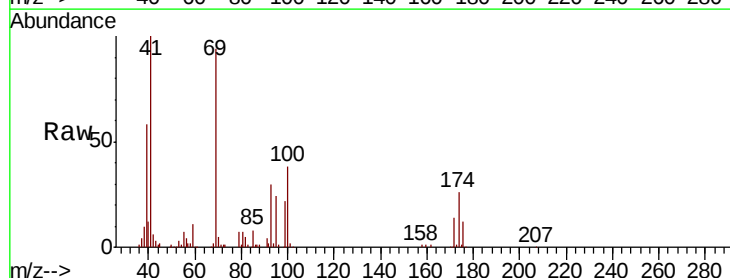
RT: 9.44 min Scan# 1236

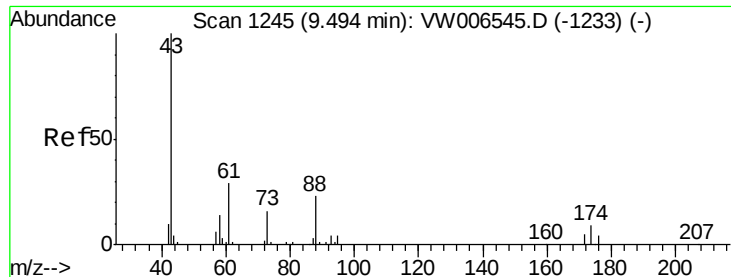
Delta R.T. 0.00 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Tgt Ion:	41	Resp:	56547
Ion	Ratio	Lower	Upper
41	100		
69	100.1	77.8	116.8
39	64.2	48.7	73.1





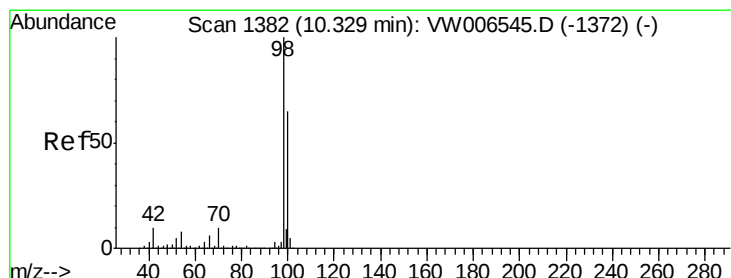
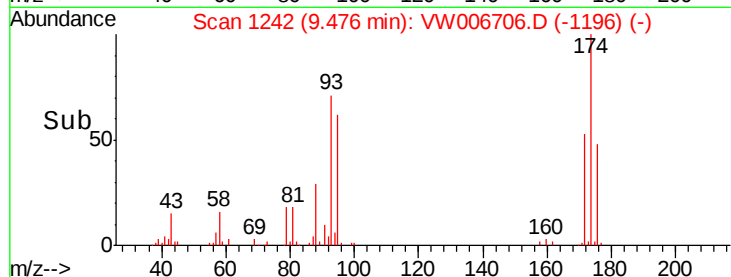
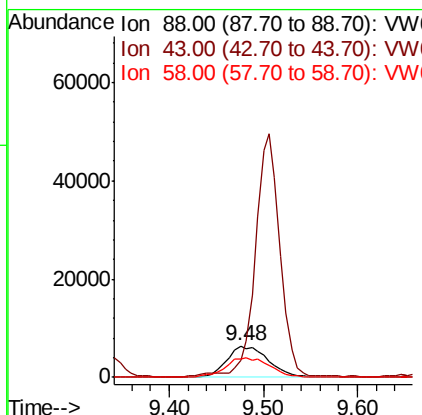
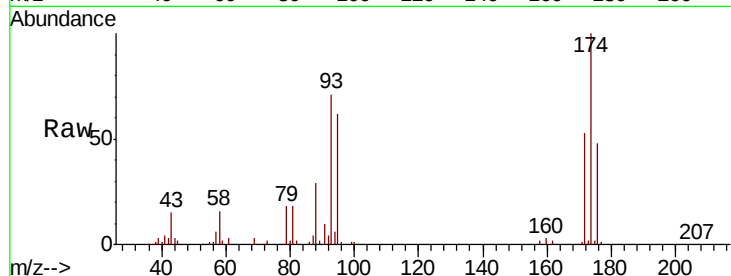
#49
1,4-Dioxane
Concen: 1156.515 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. -0.02 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	19694
Ion Ratio	Lower	Upper	
88	100		
43	0.0	356.6	534.8#
58	66.4	51.4	77.2

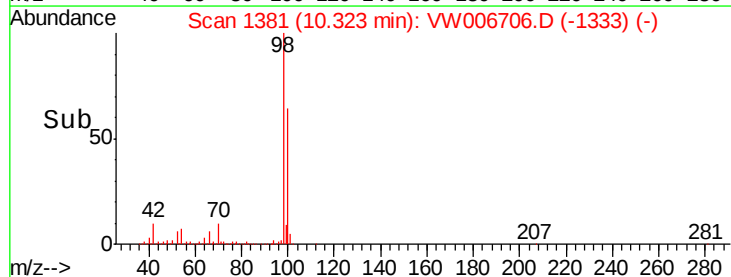
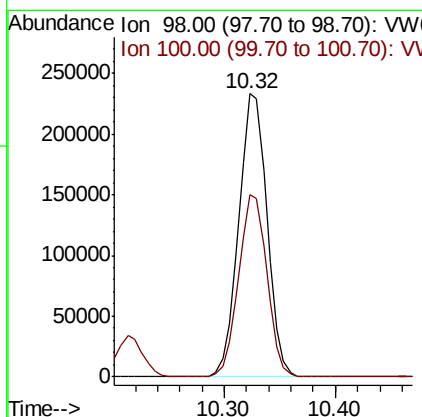
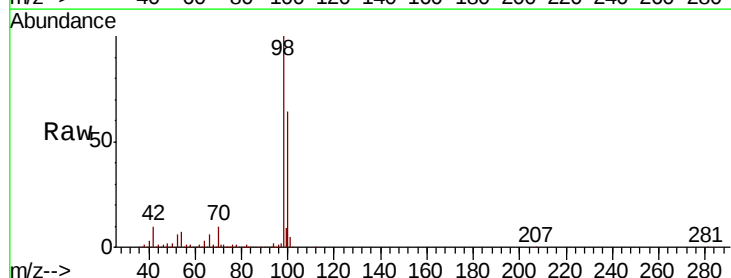
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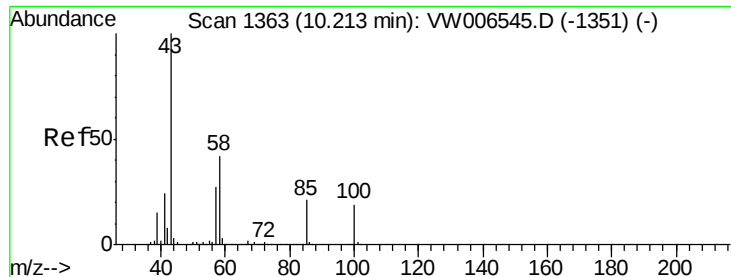
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#50
Toluene-d8
Concen: 50.498 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Tgt Ion	98	Resp	410817
Ion Ratio	Lower	Upper	
98	100		
100	64.4	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 286.765 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 304981

Ion Ratio Lower Upper

43 100

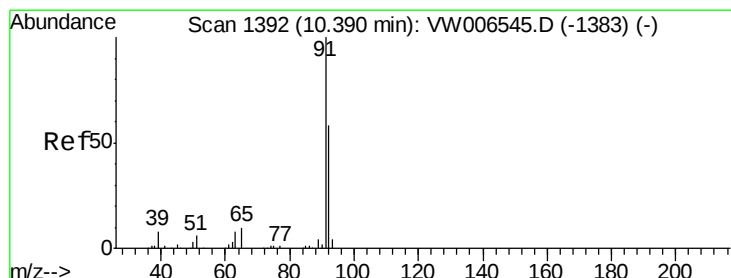
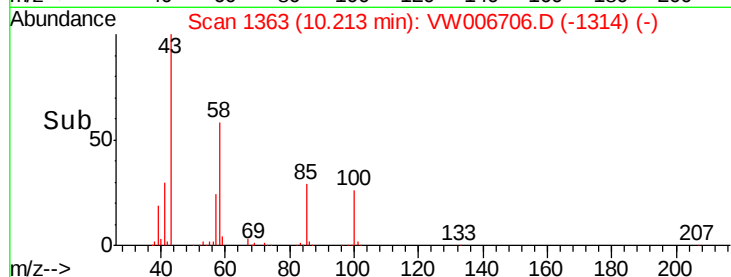
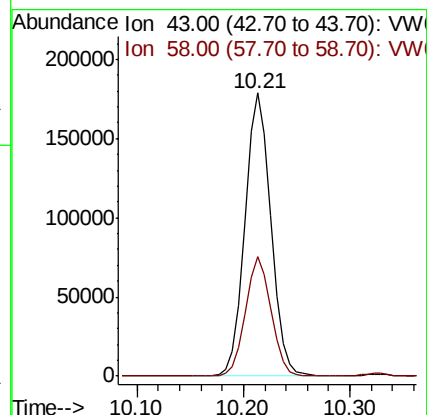
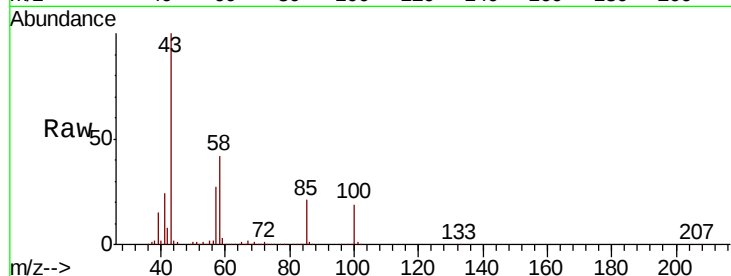
58 41.7 33.4 50.0

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#52

Toluene

Concen: 55.193 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006706.D

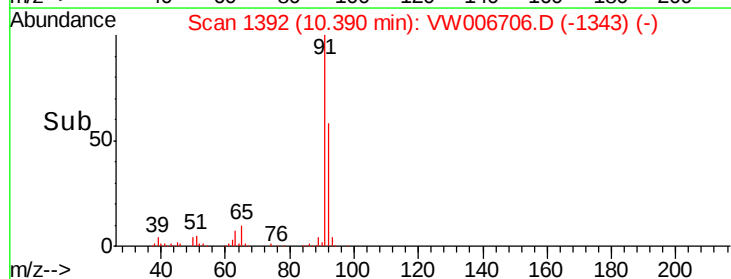
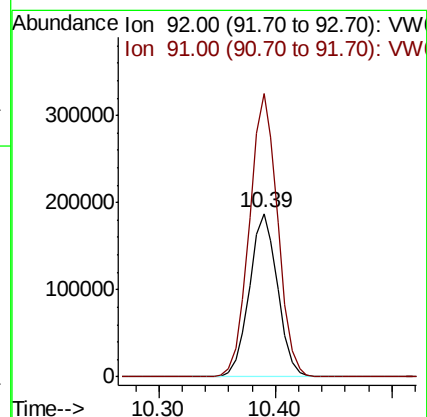
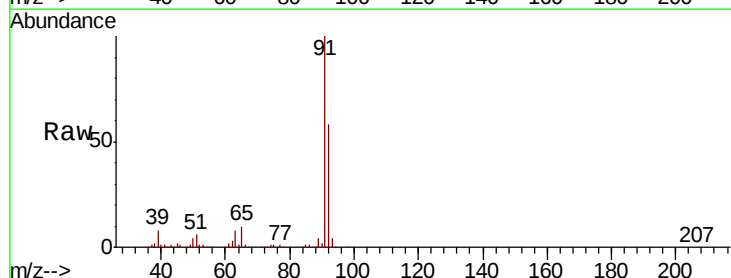
Acq: 07 Nov 2018 01:10

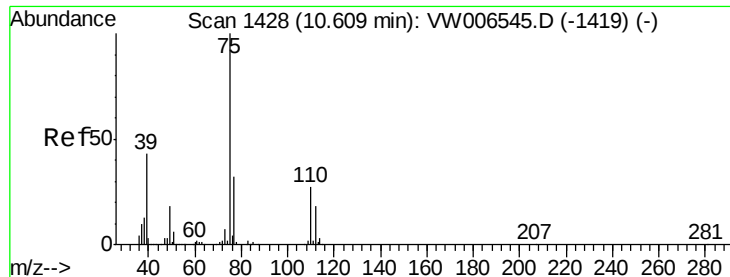
Tgt Ion: 92 Resp: 314867

Ion Ratio Lower Upper

92 100

91 174.4 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 58.176 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 75 Resp: 151268

Ion Ratio Lower Upper

75 100

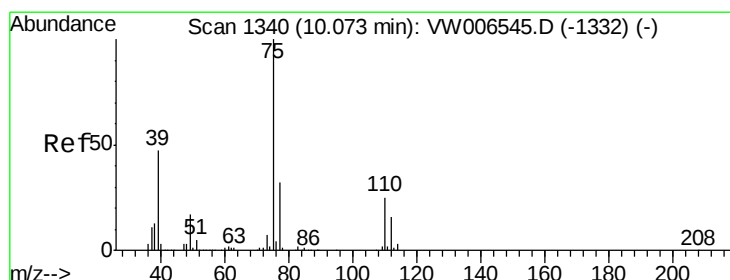
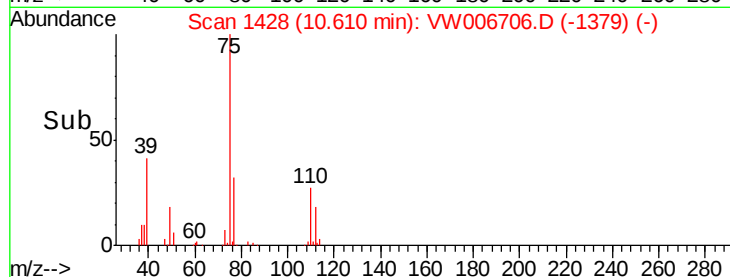
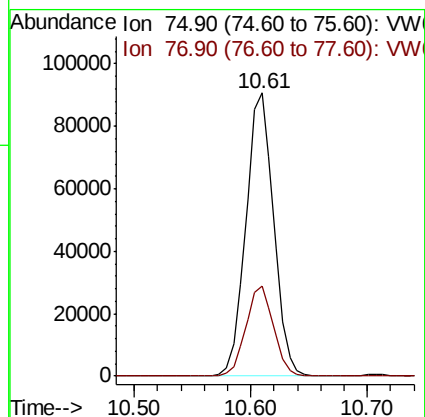
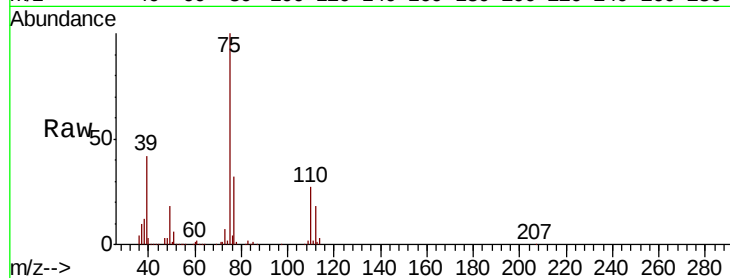
77 31.8 25.6 38.4

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 56.629 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

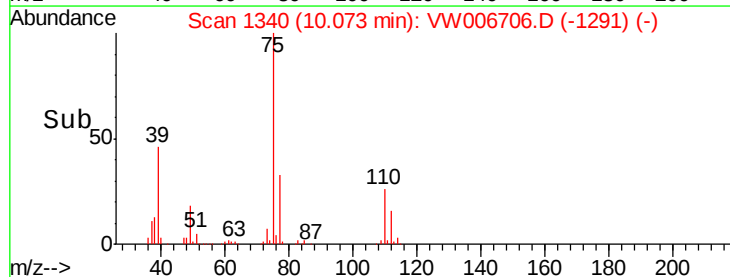
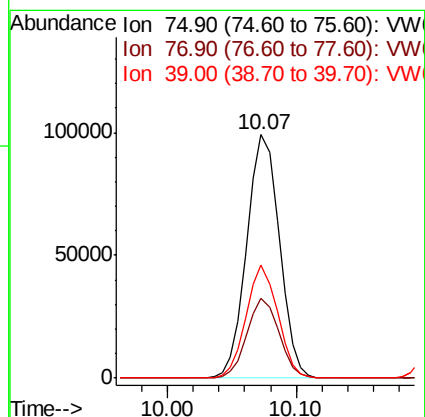
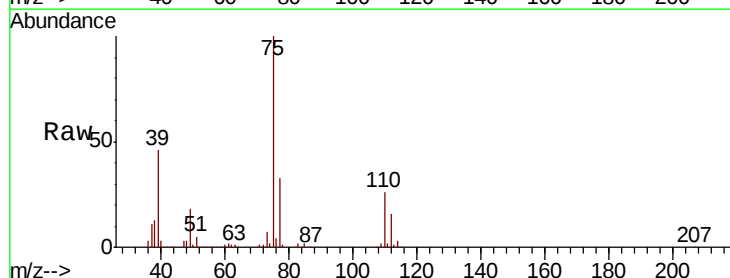
Tgt Ion: 75 Resp: 174001

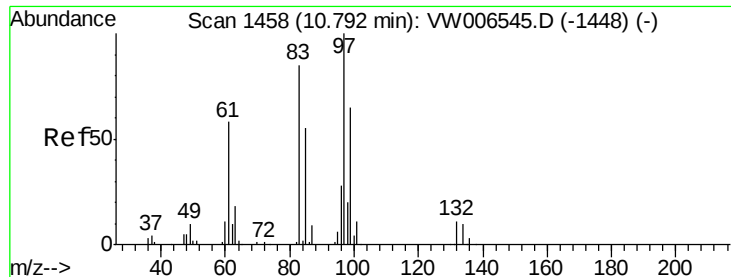
Ion Ratio Lower Upper

75 100

77 32.7 25.7 38.5

39 46.2 37.3 55.9





#55

1,1,2-Trichloroethane

Concen: 57.476 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.01 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Instrument :

MSVOA_W

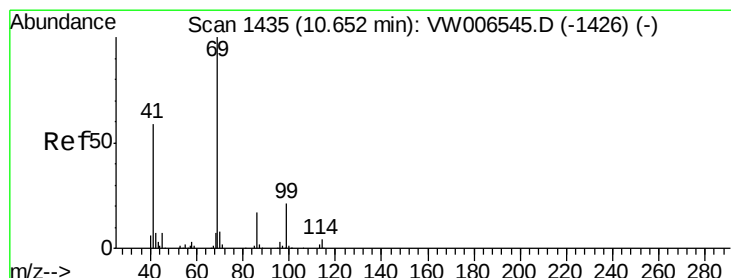
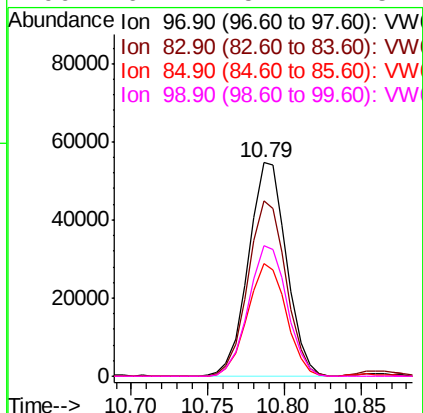
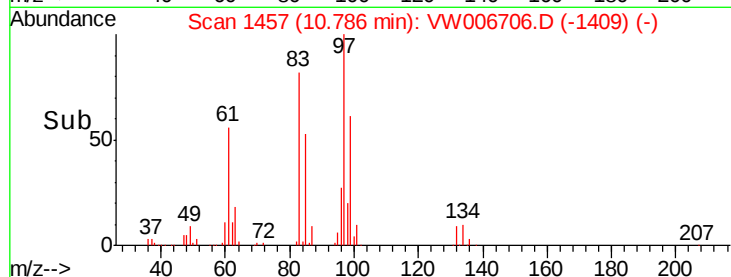
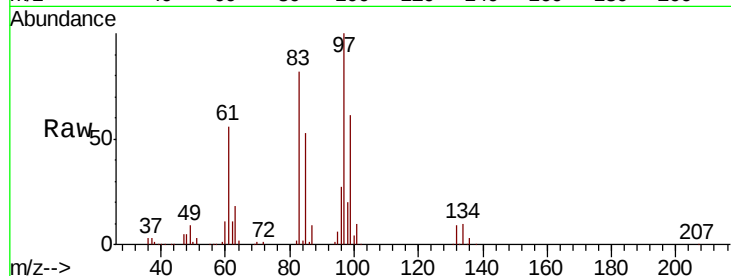
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	94890
Ion	Ratio	Lower	Upper
97	100		
83	81.8	67.9	101.9
85	52.5	44.0	66.0
99	61.1	52.2	78.2

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#56

Ethyl methacrylate

Concen: 57.500 ug/l

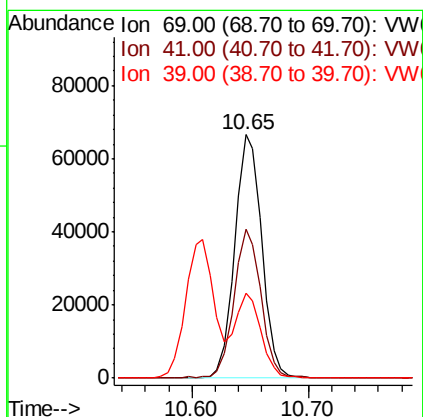
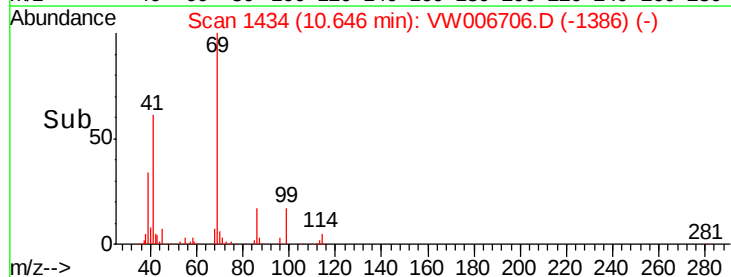
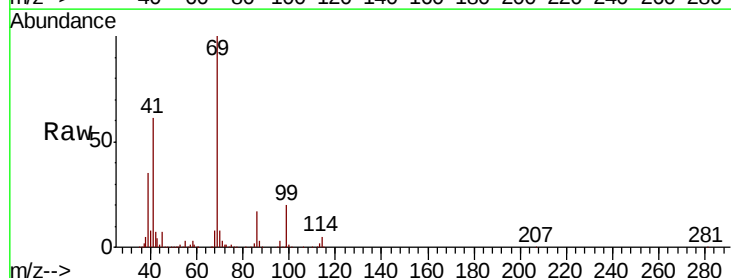
RT: 10.65 min Scan# 1434

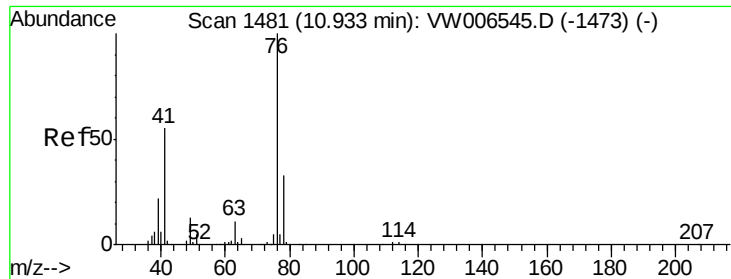
Delta R.T. -0.01 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Tgt Ion:	69	Resp:	107897
Ion	Ratio	Lower	Upper
69	100		
41	61.4	47.4	71.2
39	33.5	25.3	37.9





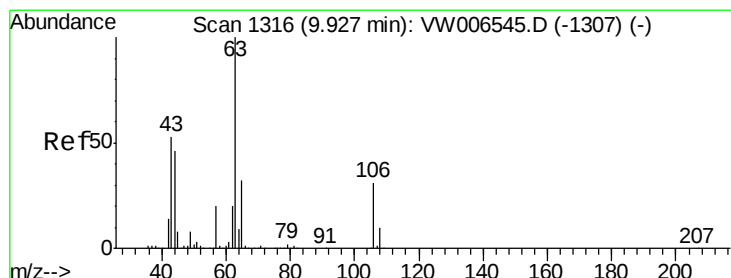
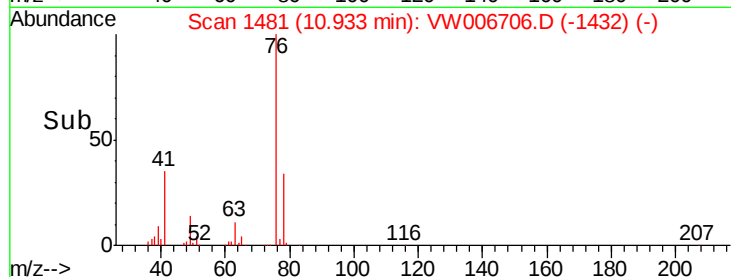
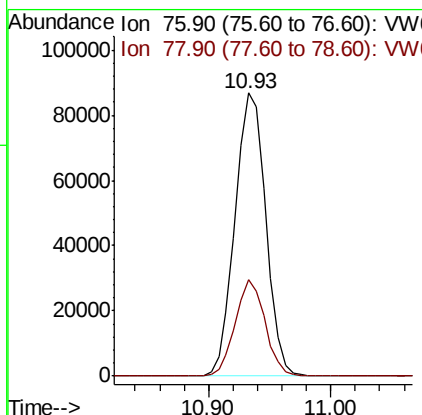
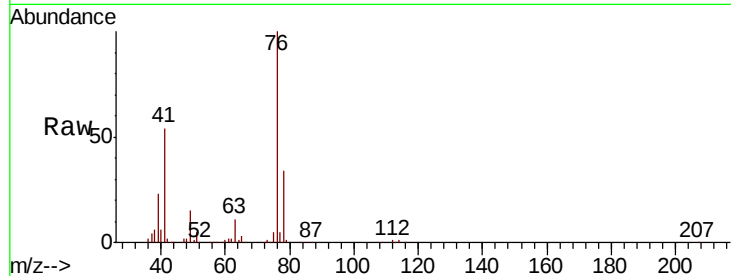
#57
 1,3-Dichloropropane
 Concen: 56.509 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW006706.D
 Acq: 07 Nov 2018 01:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 151493
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.2 39.4

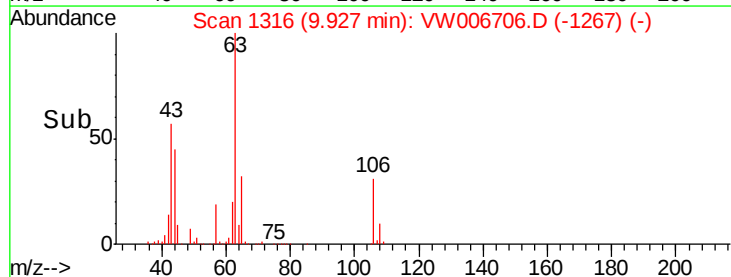
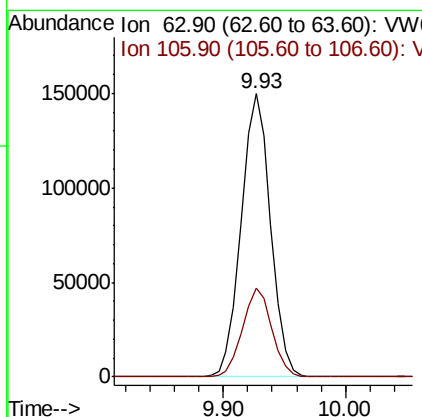
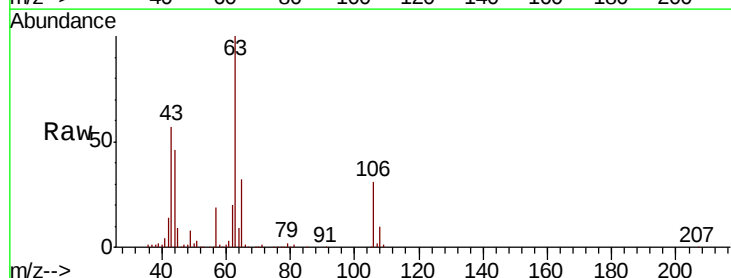
Manual Integrations
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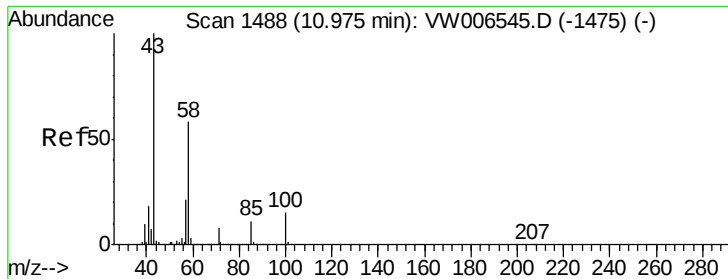
apatel
 11/7/2018 2:06:21 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 272.542 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006706.D
 Acq: 07 Nov 2018 01:10

Tgt Ion: 63 Resp: 248603
 Ion Ratio Lower Upper
 63 100
 106 31.3 25.4 38.2





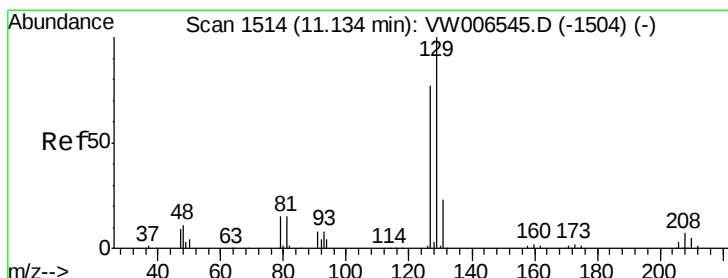
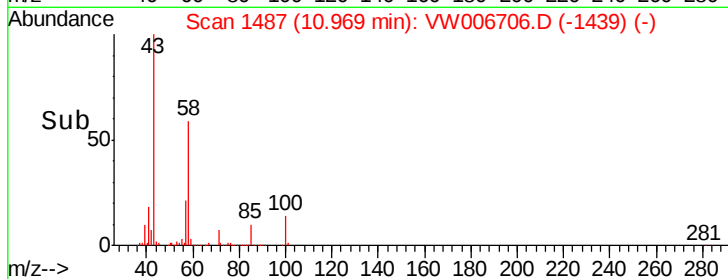
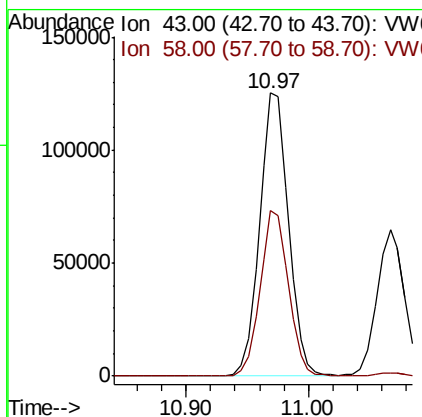
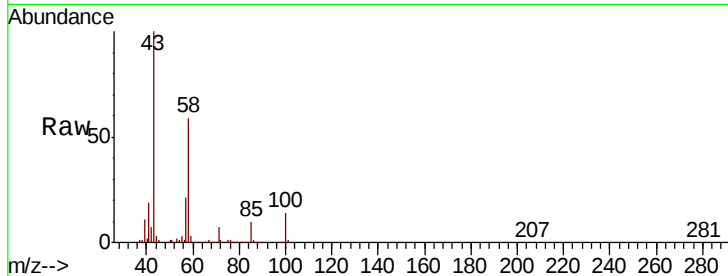
#59
2-Hexanone
Concen: 285.463 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	57.5	28.8	86.4

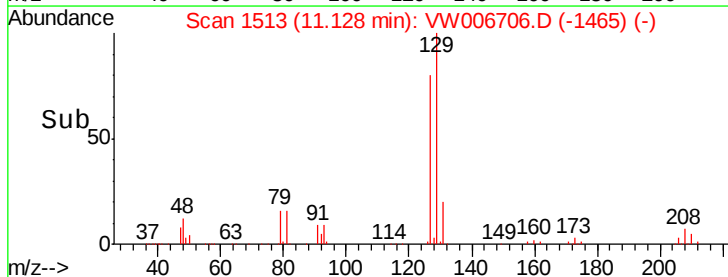
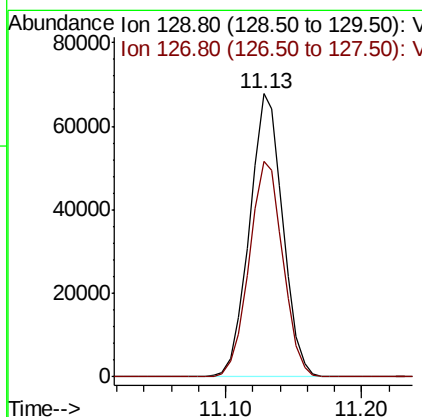
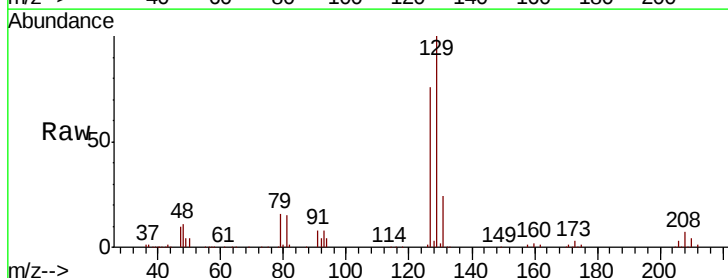
Manual Integrations
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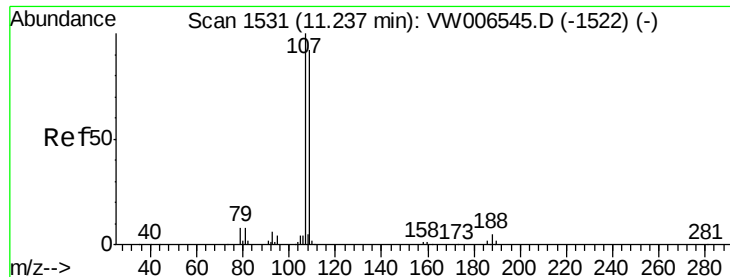
apatel
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#60
Dibromochloromethane
Concen: 59.269 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.2	38.8	116.3





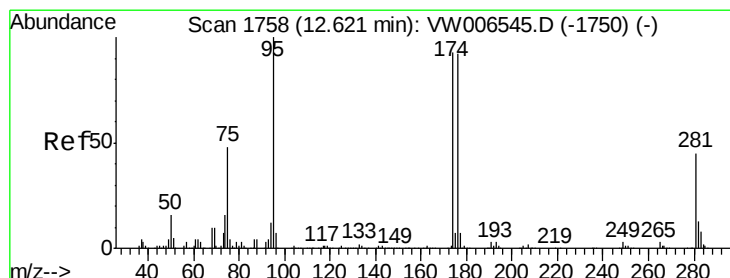
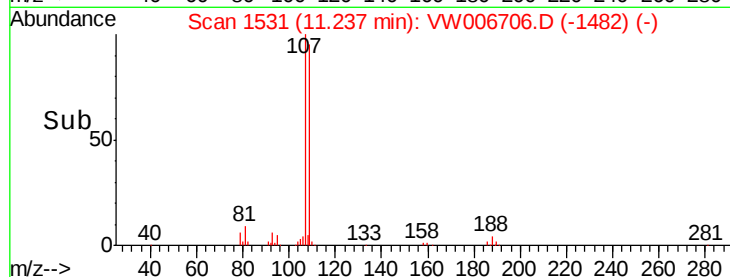
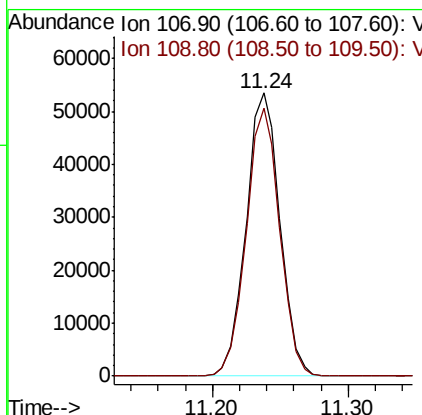
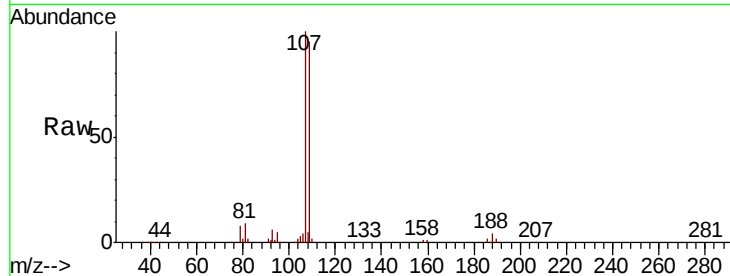
#61
 1,2-Dibromoethane
 Concen: 56.743 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006706.D
 Acq: 07 Nov 2018 01:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.8	75.8	113.6

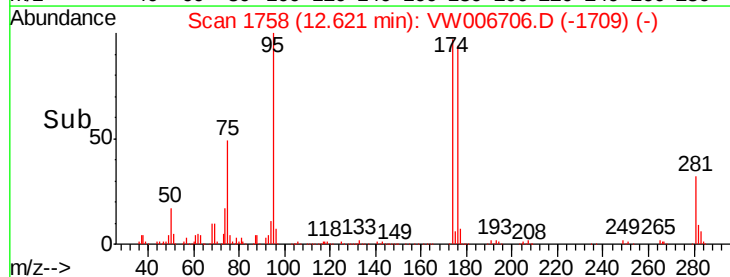
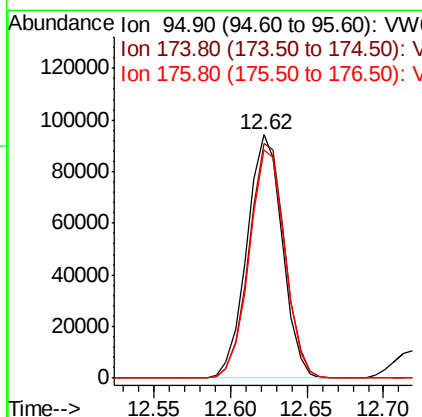
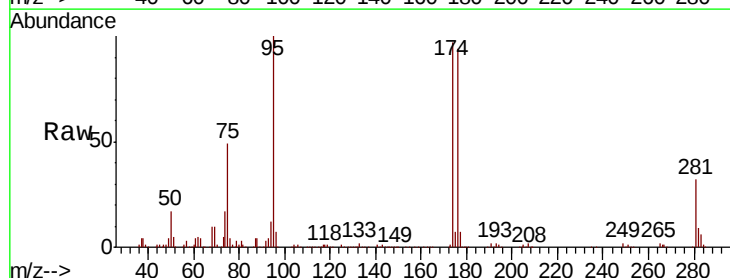
Manual Integrations
 APPROVED

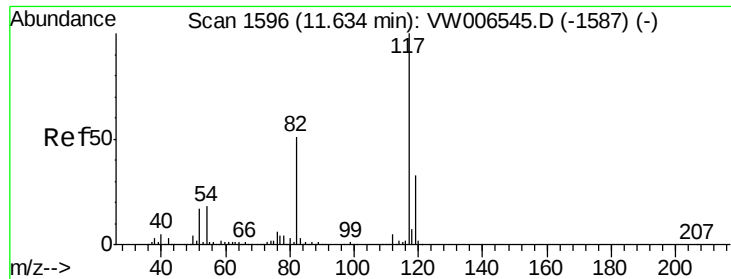
apatel
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#62
 4-Bromofluorobenzene
 Concen: 51.515 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006706.D
 Acq: 07 Nov 2018 01:10

Tgt Ion	Ratio	Lower	Upper
95	100		
174	97.4	0.0	192.4
176	94.1	0.0	187.4





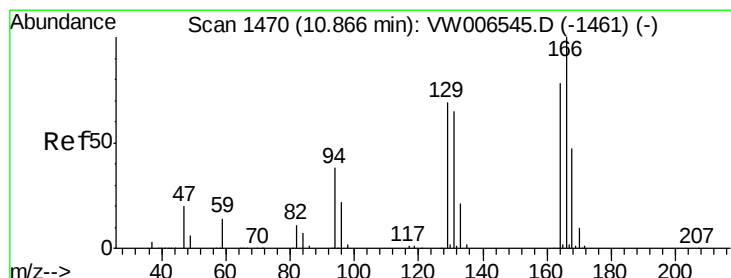
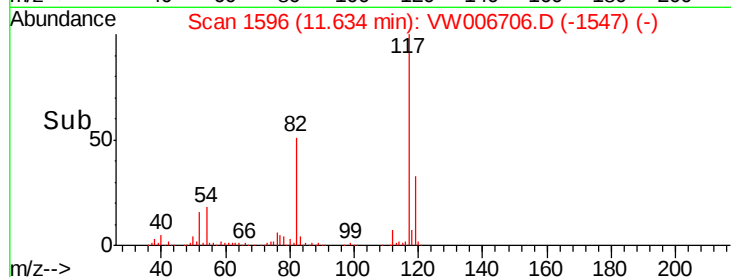
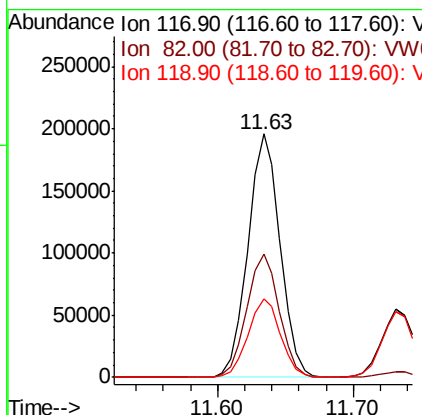
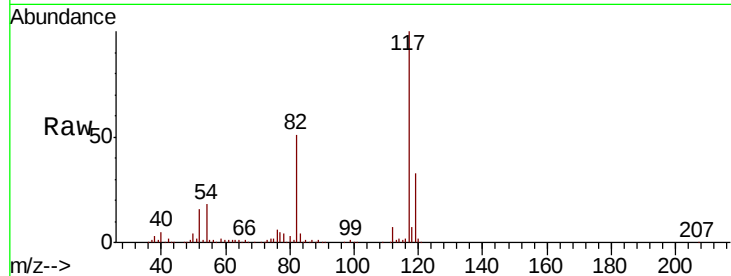
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.9	40.8	61.2
119	32.5	26.1	39.1

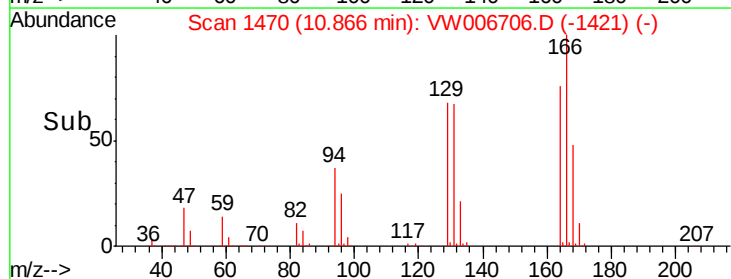
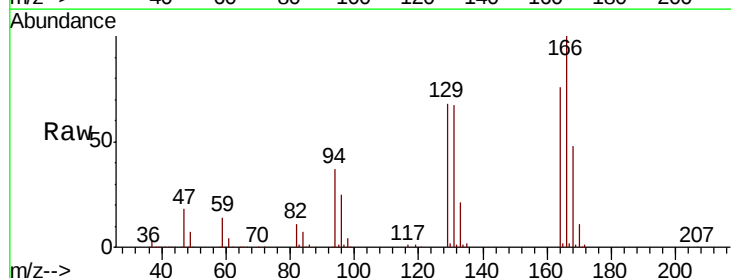
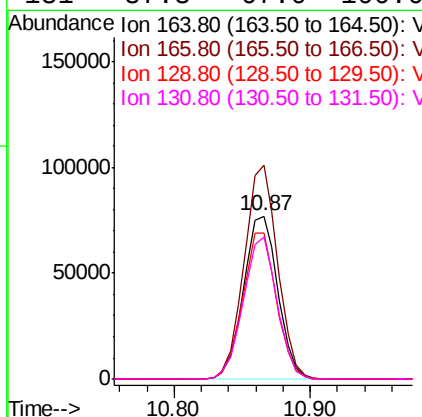
Manual Integrations
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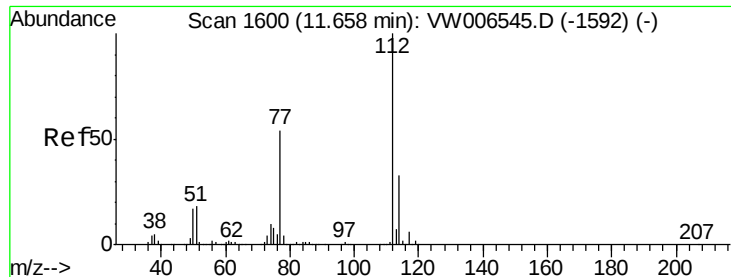
apatel
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#64
Tetrachloroethene
Concen: 52.566 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.1	102.8	154.2
129	89.6	70.9	106.3
131	87.3	67.0	100.6





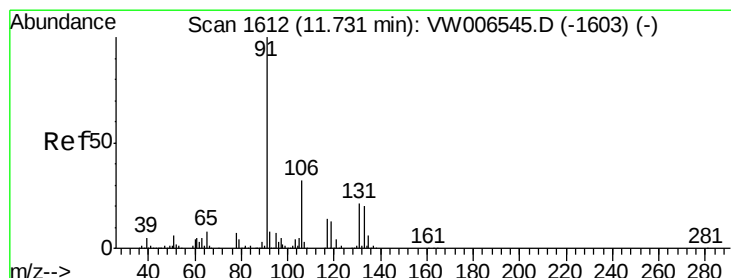
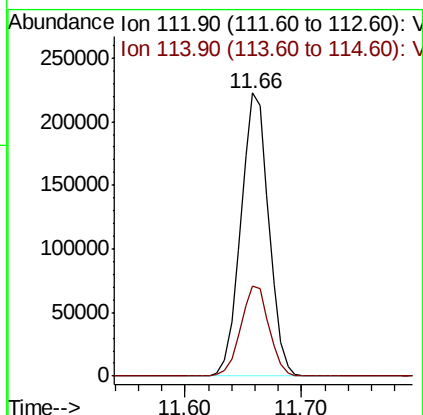
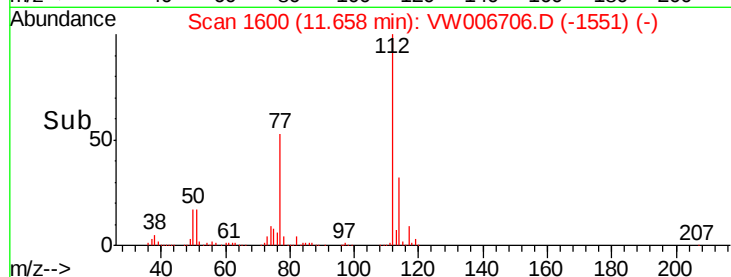
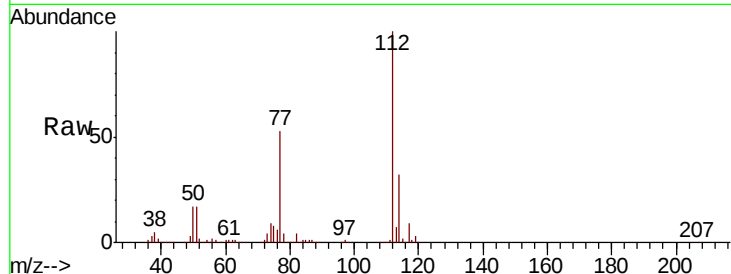
#65
Chlorobenzene
Concen: 54.456 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 371733
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.2

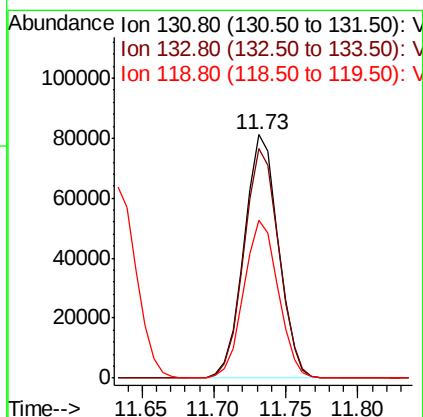
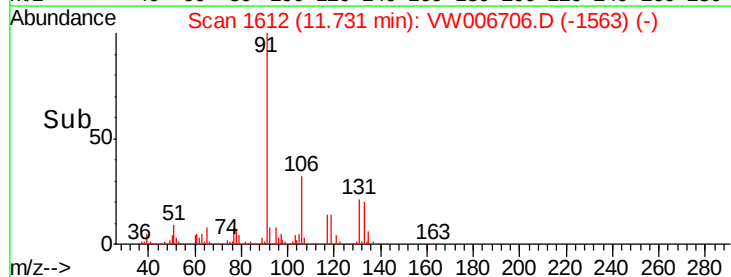
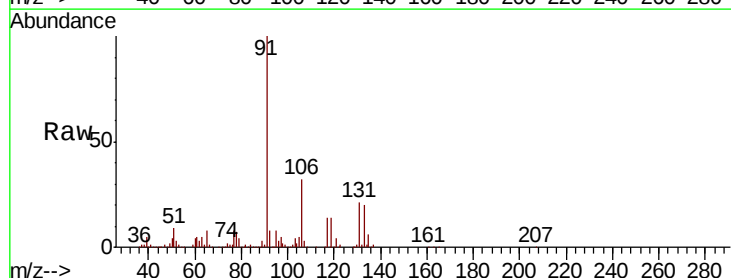
Manual Integrations
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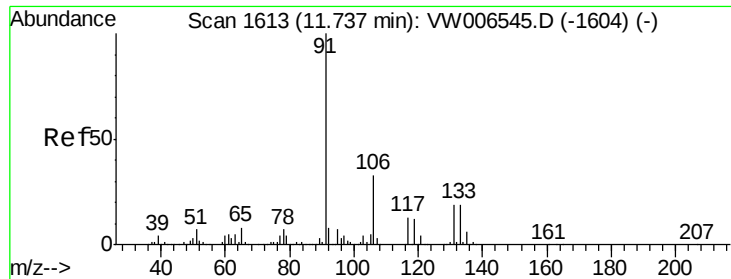
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#66
1,1,1,2-Tetrachloroethane
Concen: 55.753 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Tgt Ion:131 Resp: 133768
Ion Ratio Lower Upper
131 100
133 95.8 47.5 142.5
119 65.0 31.9 95.5





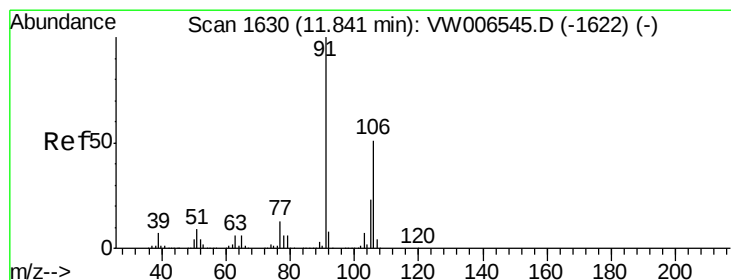
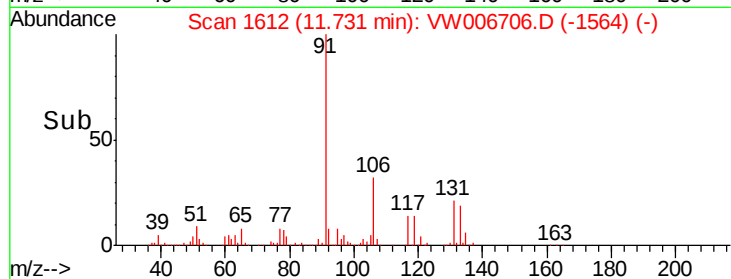
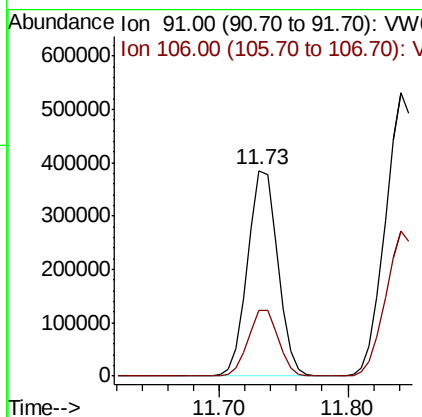
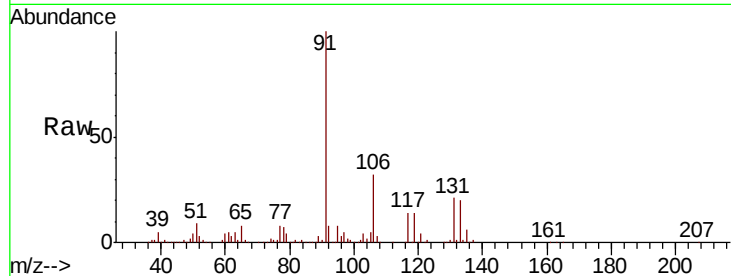
#67
Ethyl Benzene
Concen: 54.505 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.1	26.3	39.5

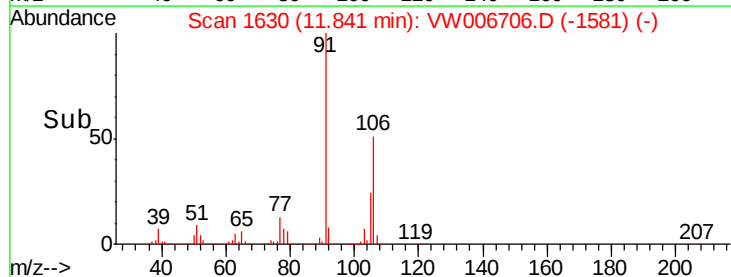
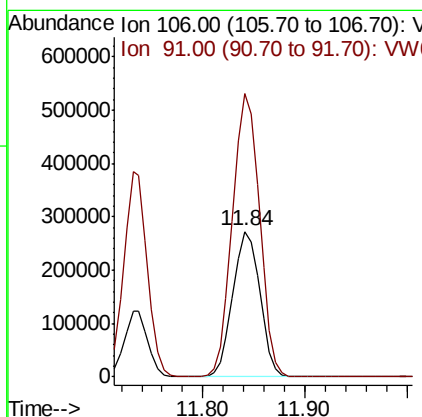
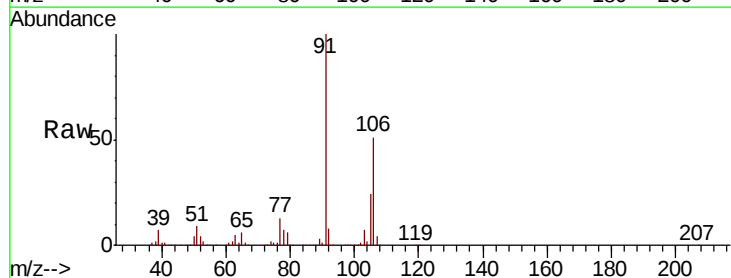
Manual Integrations
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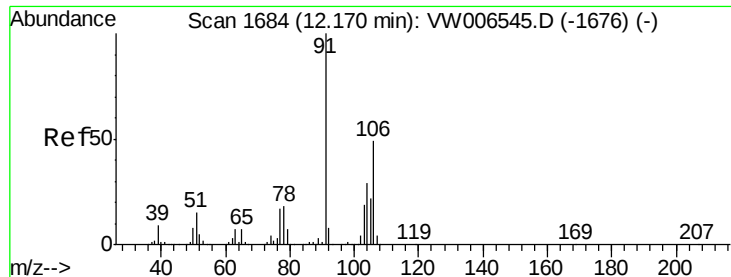
apatel
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#68
m/p-Xylenes
Concen: 110.086 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Tgt Ion	Ratio	Lower	Upper
106	100		
91	194.6	156.7	235.1





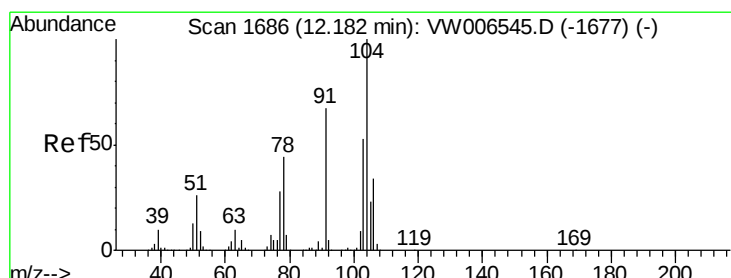
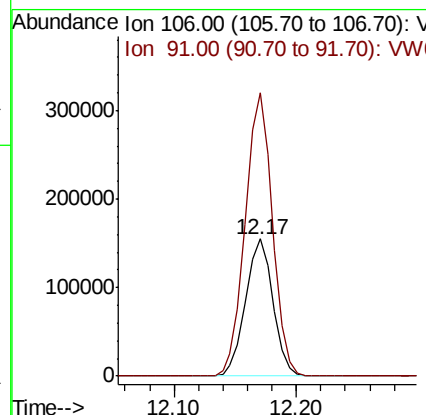
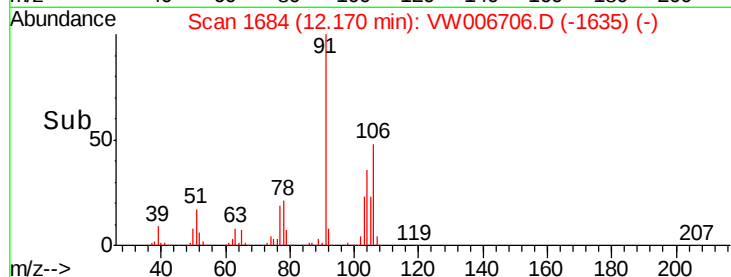
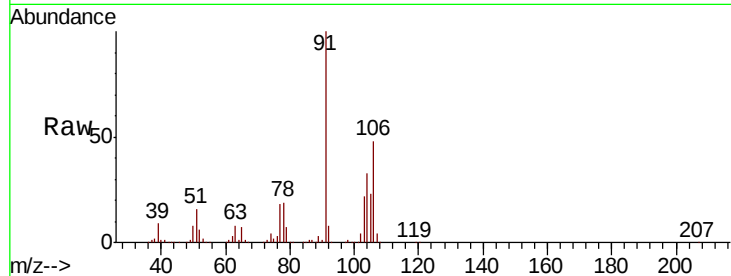
#69
o-Xylene
Concen: 55.413 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	205.3	102.8	308.4

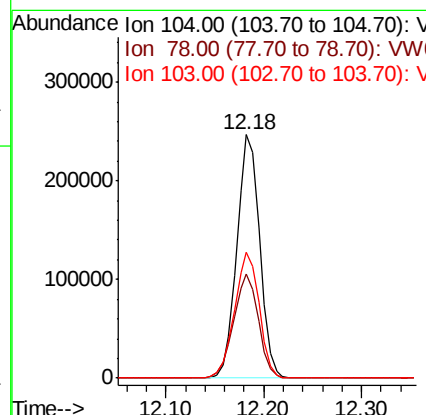
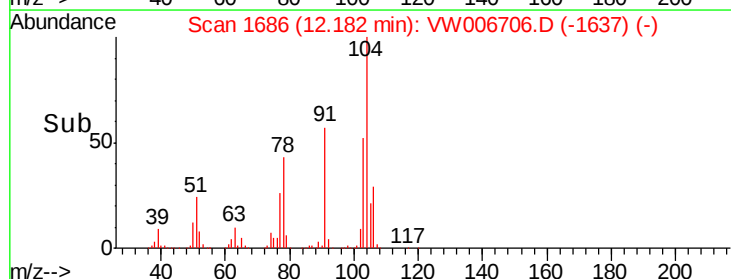
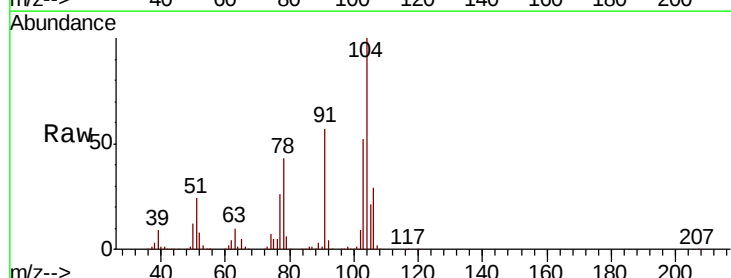
Manual Integrations
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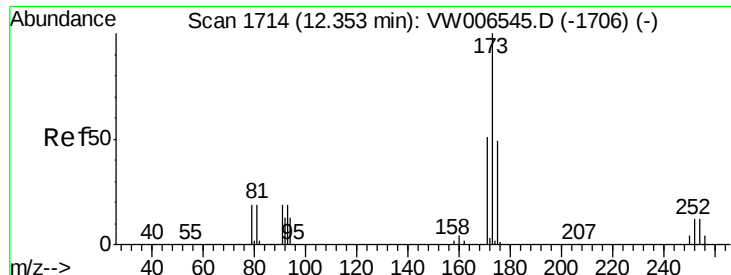
apatel
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#70
Styrene
Concen: 56.443 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Tgt Ion	Ratio	Lower	Upper
104	100		
78	46.1	37.2	55.8
103	55.6	44.2	66.2





#71

Bromoform

Concen: 58.370 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 74237

Ion Ratio Lower Upper

173 100

175 48.8 24.1 72.4

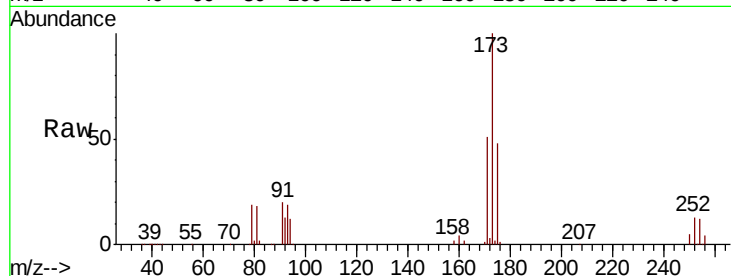
254 0.2 0.1 0.1#

Manual Integrations

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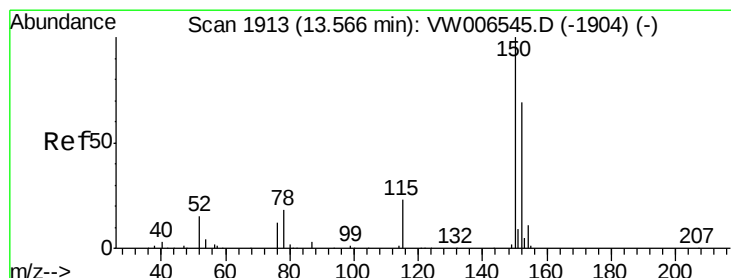
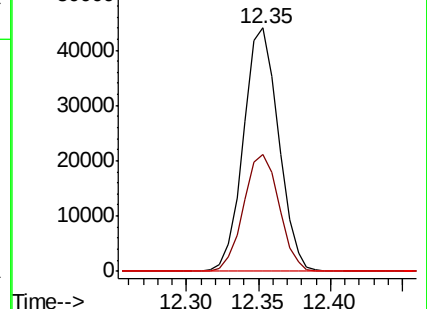
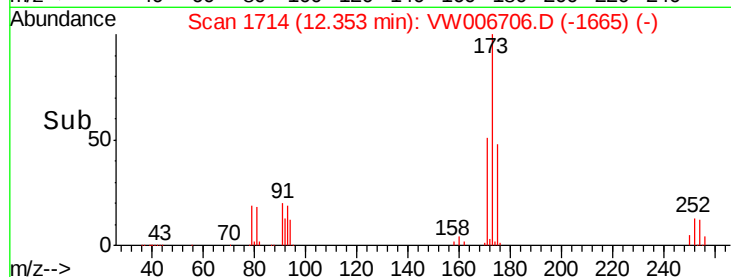
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

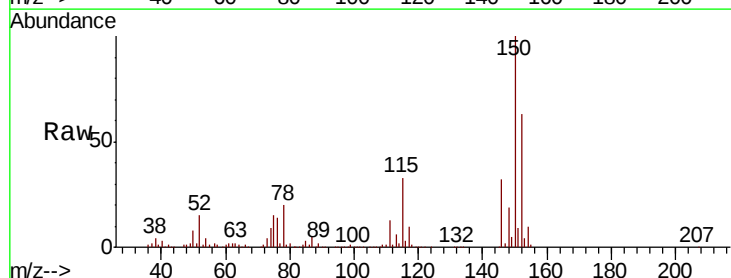
Tgt Ion:152 Resp: 187436

Ion Ratio Lower Upper

152 100

115 54.4 26.6 79.8

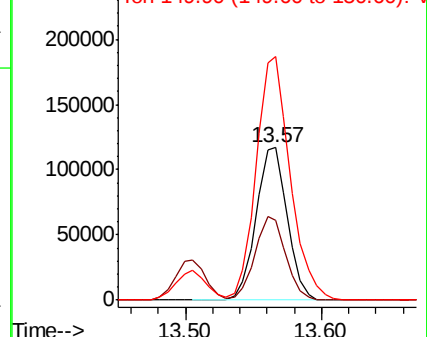
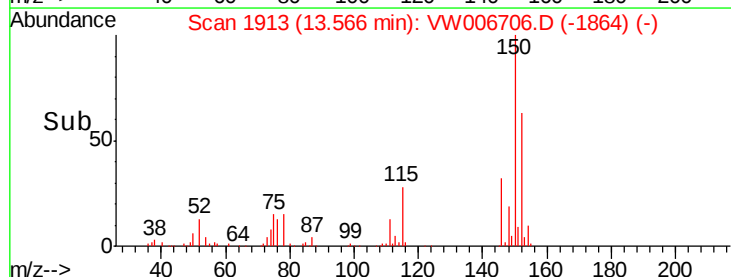
150 174.6 0.0 344.6

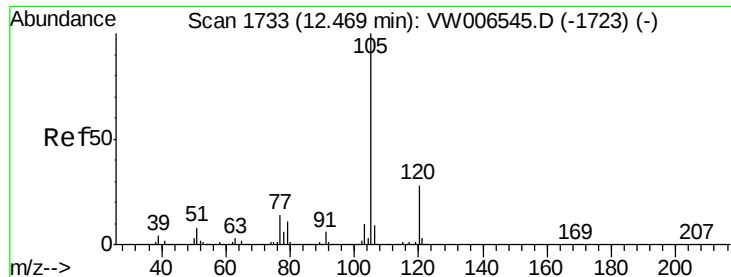


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





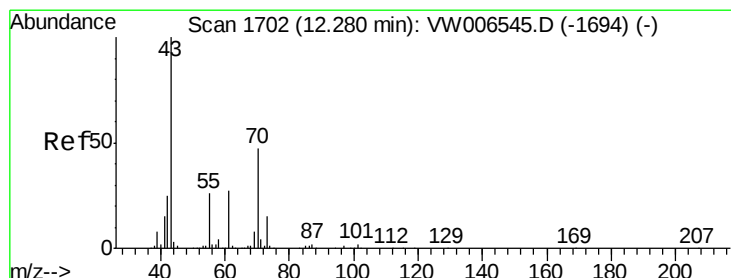
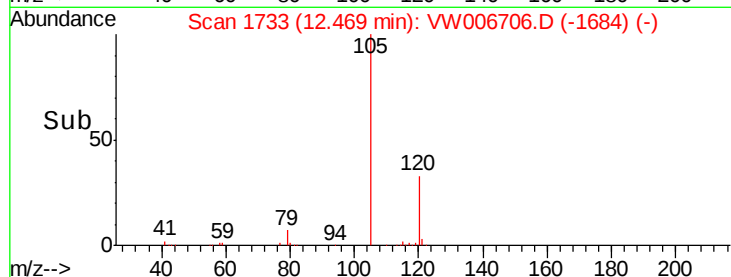
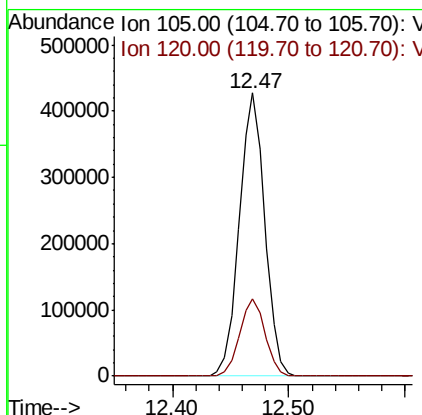
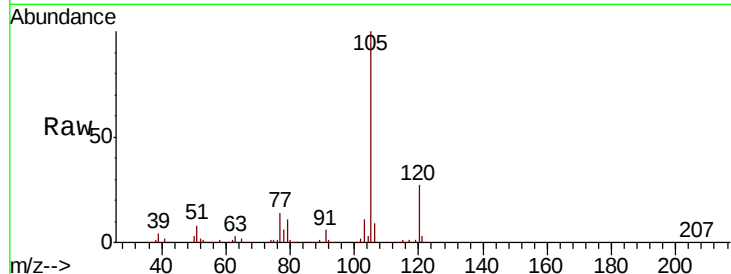
#73
Isopropylbenzene
Concen: 52.837 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 105 Resp: 652402
Ion Ratio Lower Upper
105 100
120 27.3 13.7 41.1

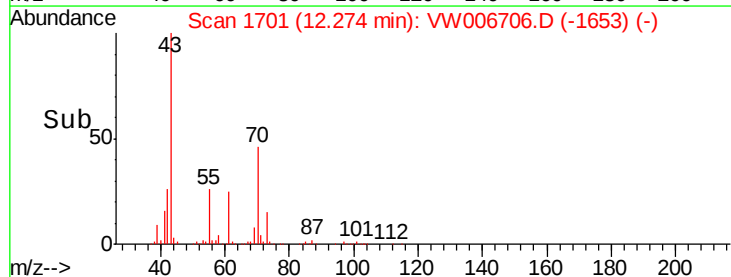
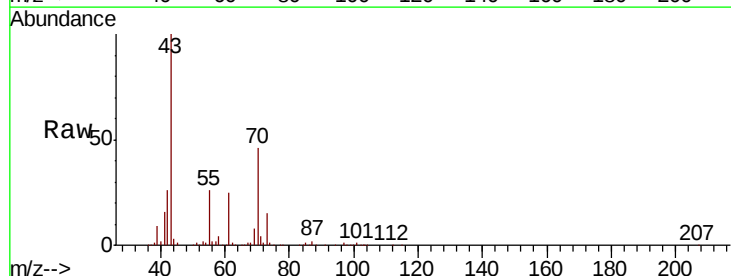
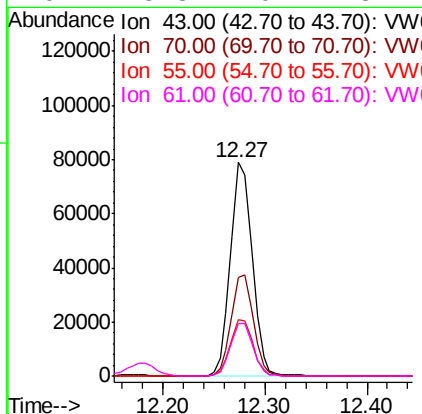
Manual Integrations
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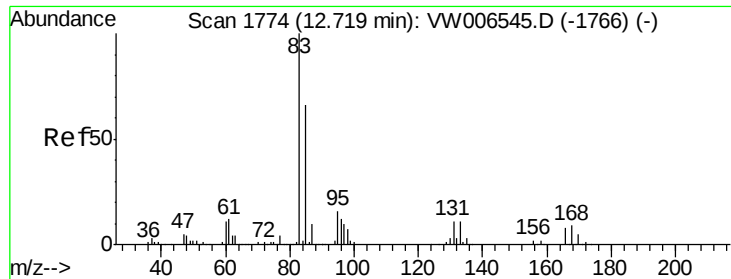
apatel
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#74
N-ethyl acetate
Concen: 54.996 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.01 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Tgt Ion: 43 Resp: 117343
Ion Ratio Lower Upper
43 100
70 47.9 36.9 55.3
55 27.0 20.7 31.1
61 25.3 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 55.281 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Instrument :

MSVOA_W

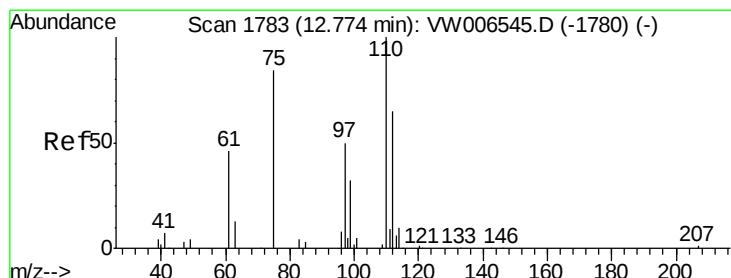
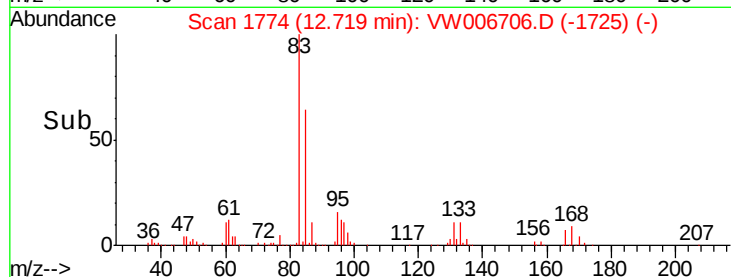
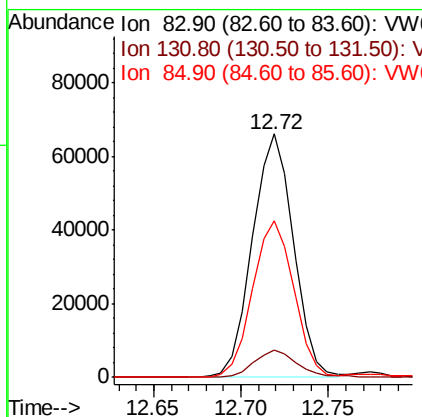
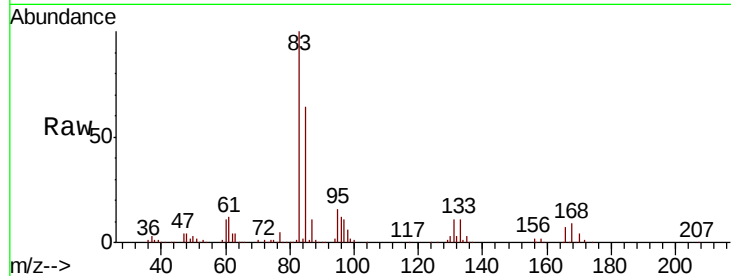
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	107807
Ion Ratio	Lower	Upper	
83	100		
131	11.9	5.9	17.7
85	64.8	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 54.459 ug/l m

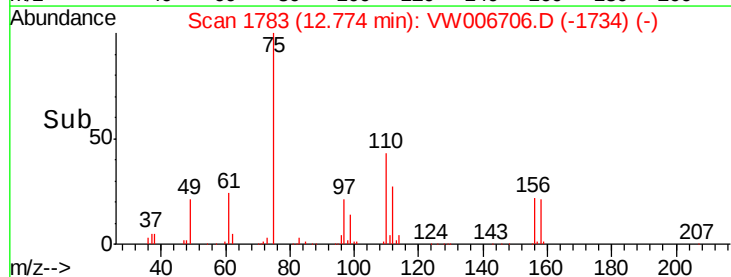
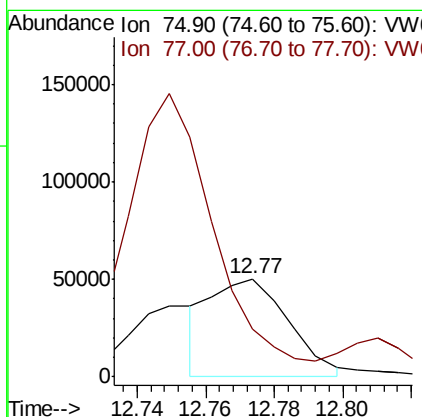
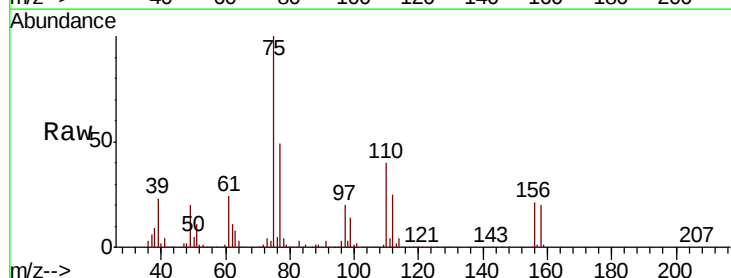
RT: 12.77 min Scan# 1783

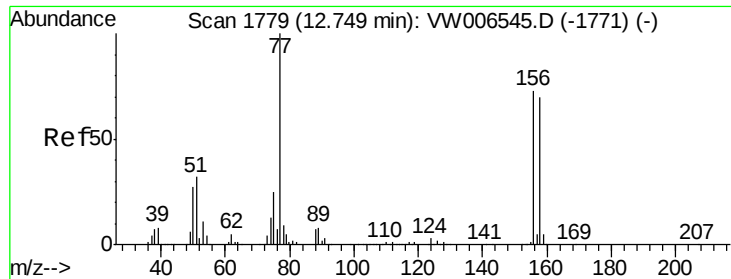
Delta R.T. 0.00 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Tgt Ion:	75	Resp:	79642
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 53.718 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Instrument :

MSVOA_W

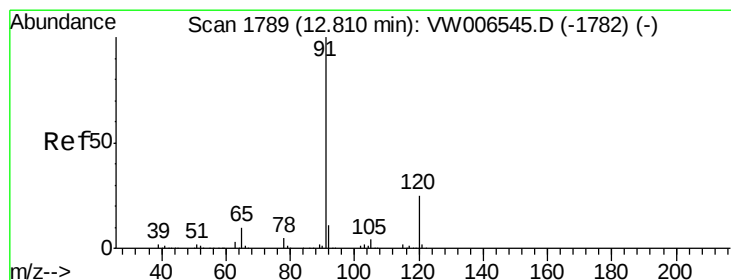
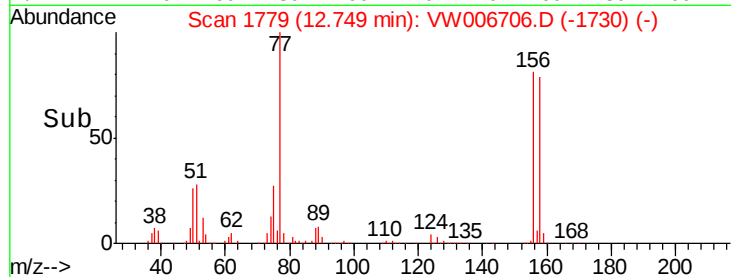
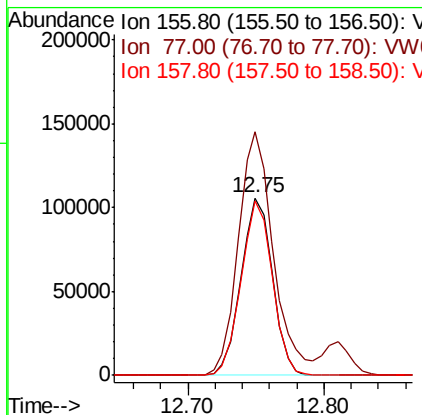
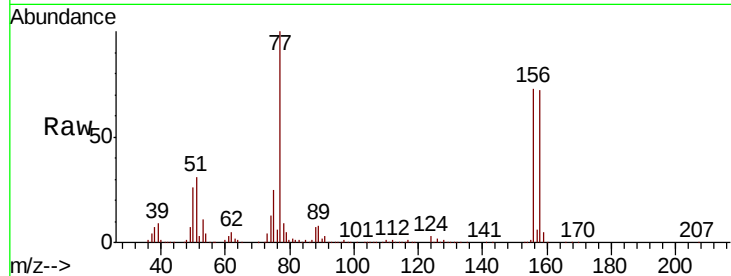
ClientSampled :

VSTDCCC050

Tot Ion:	156	Resp:	171729
Ion	Ratio	Lower	Upper
156	100		
77	152.2	75.9	227.8
158	97.5	48.6	145.9

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#78

n-propylbenzene

Concen: 53.574 ug/l

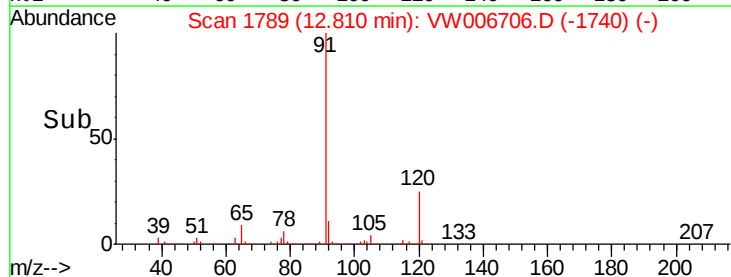
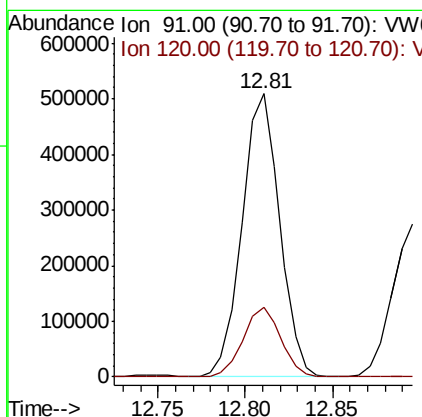
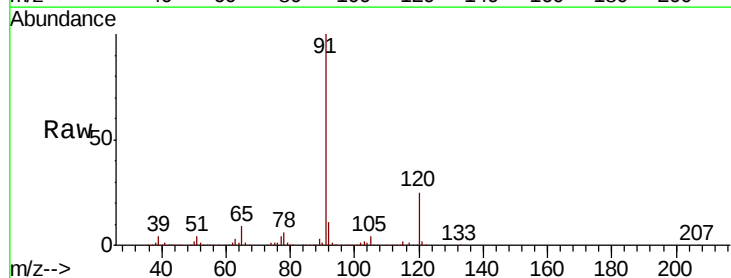
RT: 12.81 min Scan# 1789

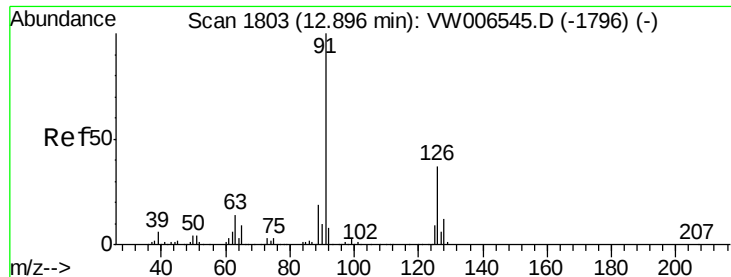
Delta R.T. 0.00 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Tgt Ion:	91	Resp:	760871
Ion	Ratio	Lower	Upper
91	100		
120	24.6	12.4	37.0





#79

2-Chlorotoluene

Concen: 53.360 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 434915

Ion Ratio Lower Upper

91 100

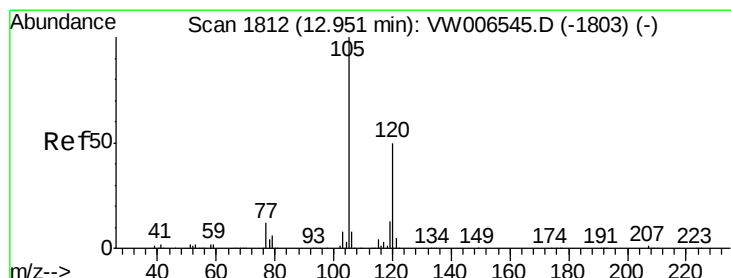
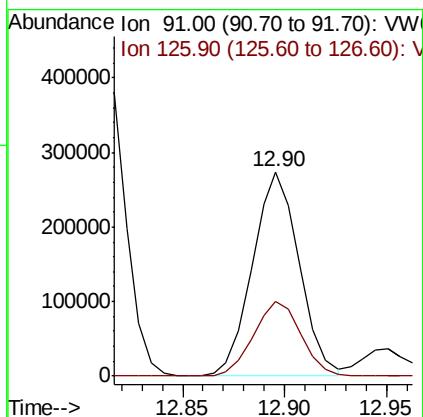
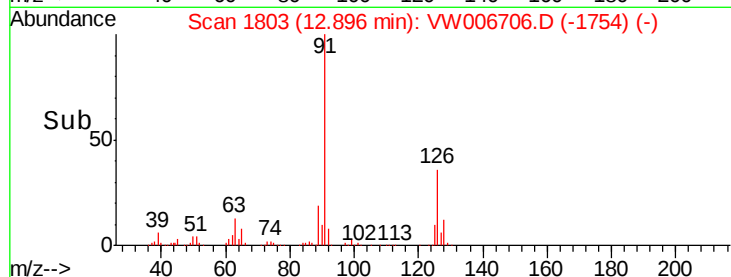
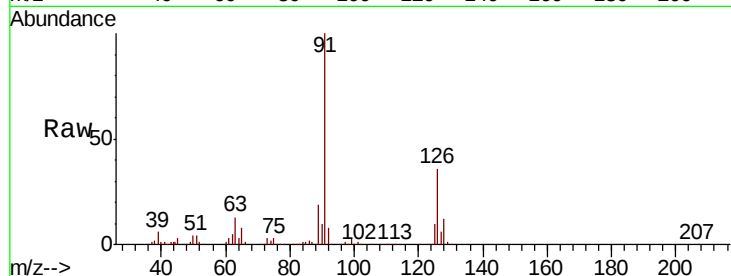
126 37.0 18.5 55.5

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#80

1,3,5-Trimethylbenzene

Concen: 53.569 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006706.D

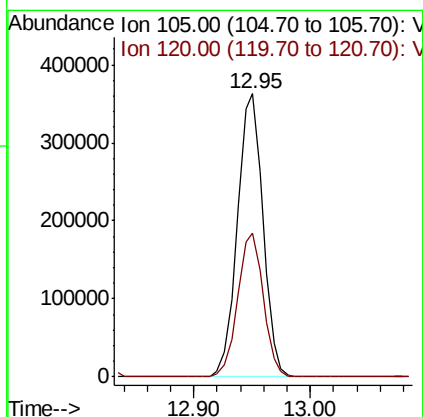
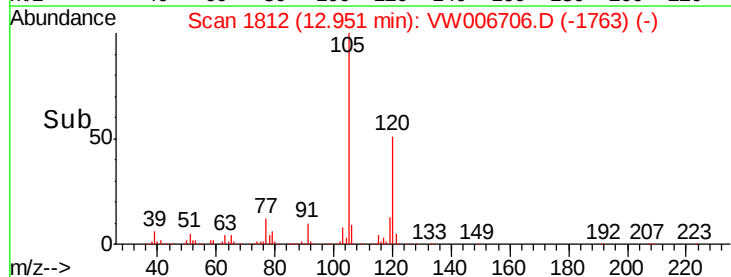
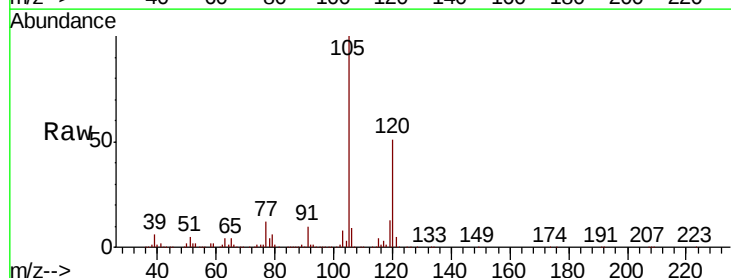
Acq: 07 Nov 2018 01:10

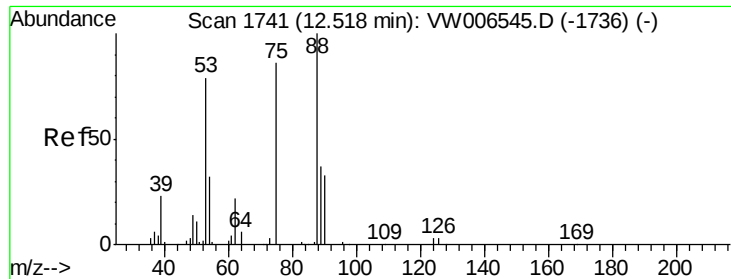
Tgt Ion: 105 Resp: 555691

Ion Ratio Lower Upper

105 100

120 50.7 25.1 75.3





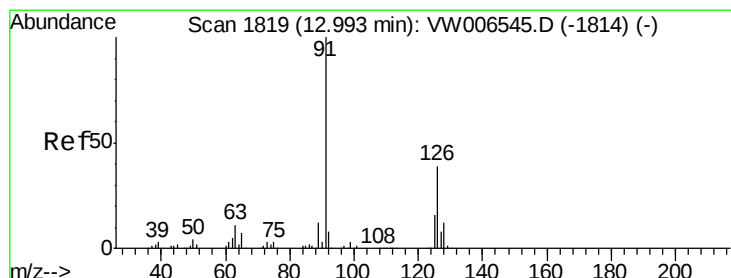
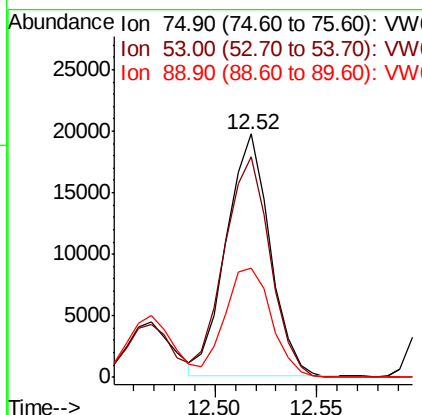
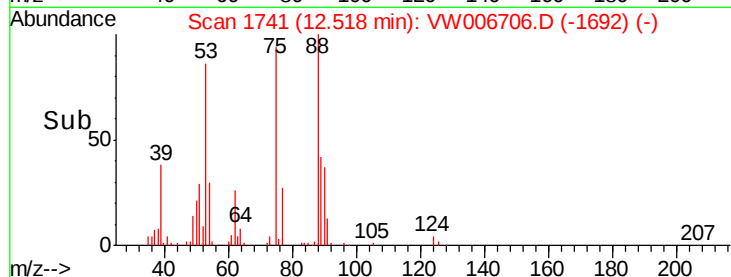
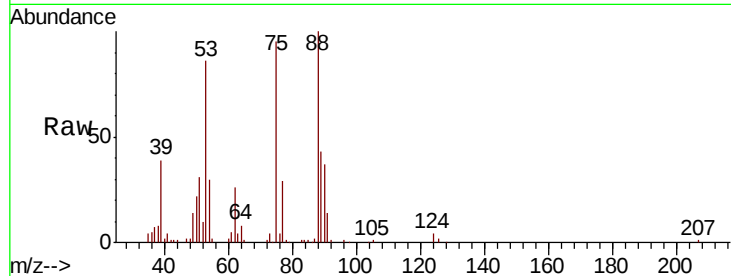
#81
trans-1,4-Dichloro-2-butene
Concen: 51.664 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.3	77.2	115.8
89	47.7	38.6	58.0

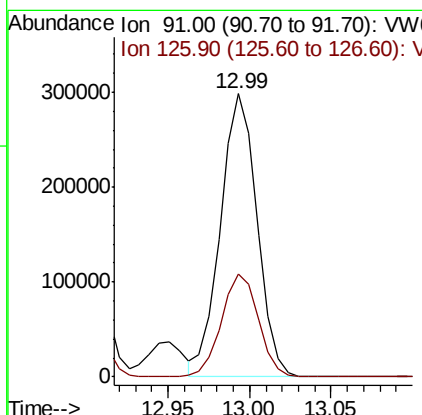
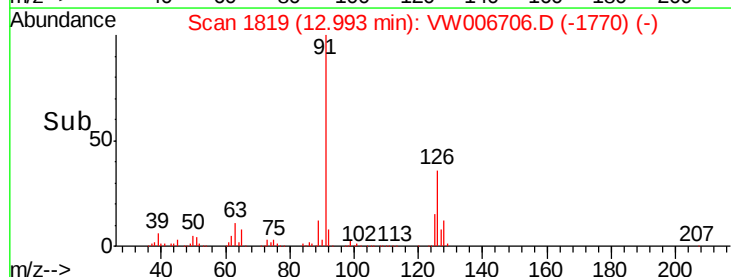
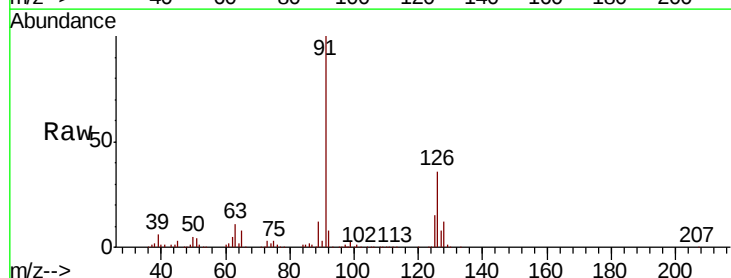
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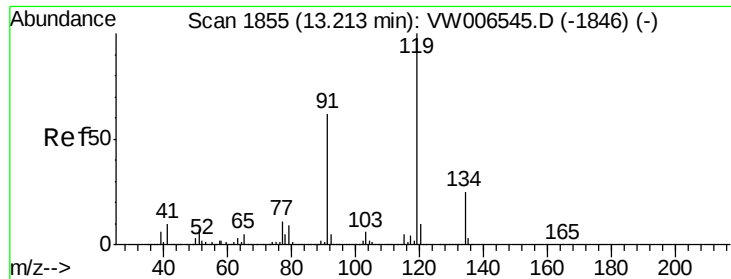
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#82
4-Chlorotoluene
Concen: 53.955 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.7	18.5	55.5





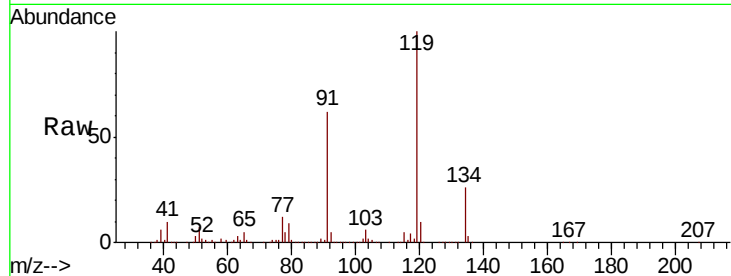
#83
tert-Butylbenzene
Concen: 53.919 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.6	30.4	91.3
134	26.7	13.5	40.4

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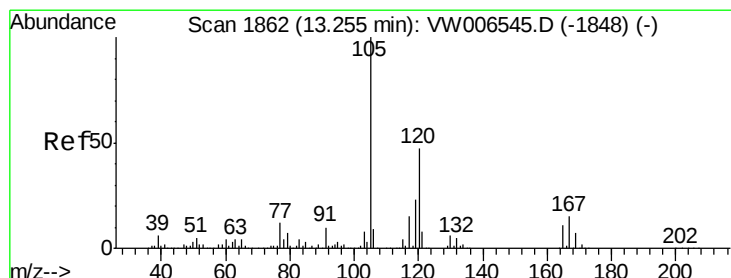
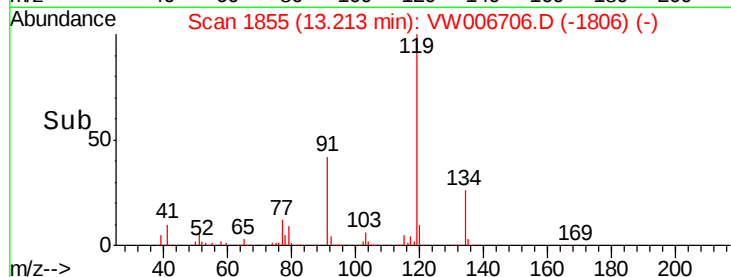
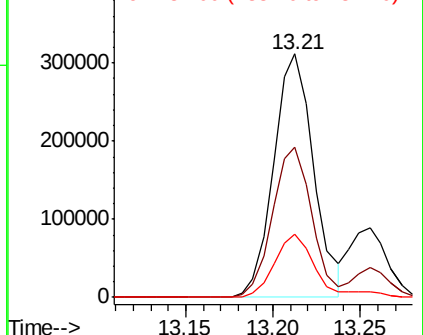


Abundance

Ion 119.00 (118.70 to 119.70): V

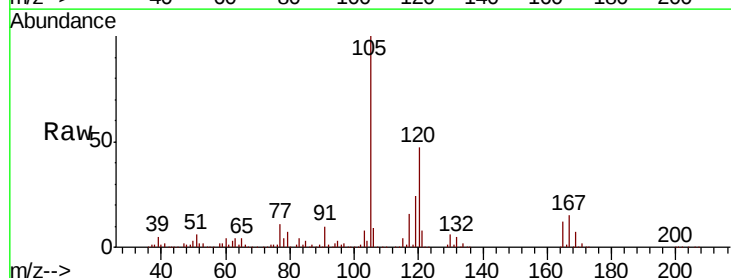
Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84
1,2,4-Trimethylbenzene
Concen: 54.066 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

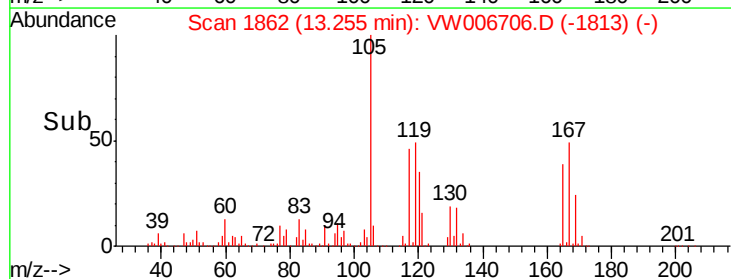
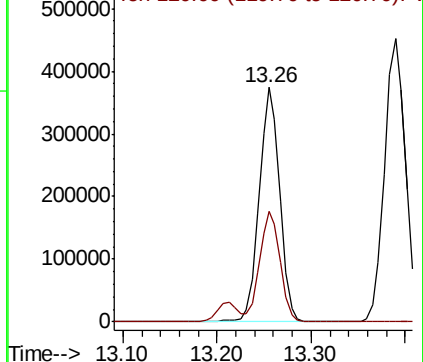
Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.2	69.6

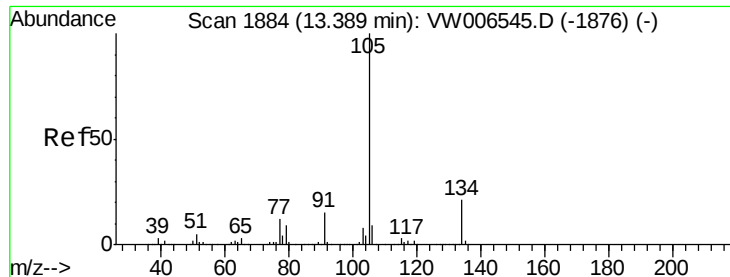


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





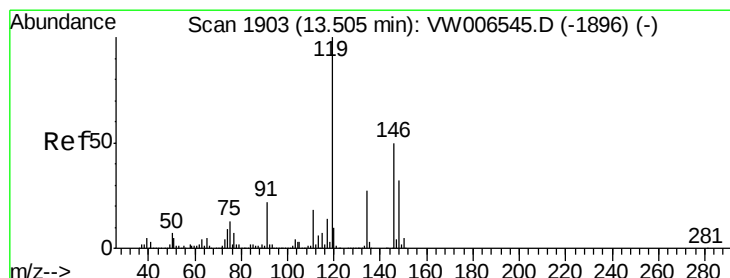
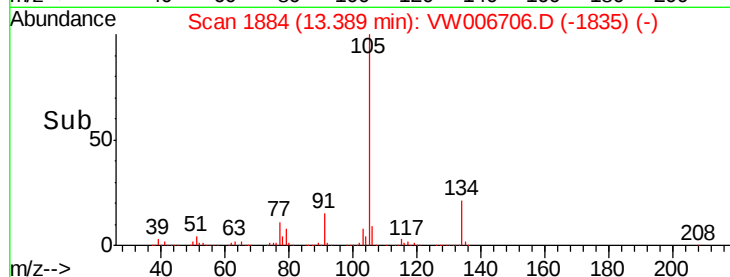
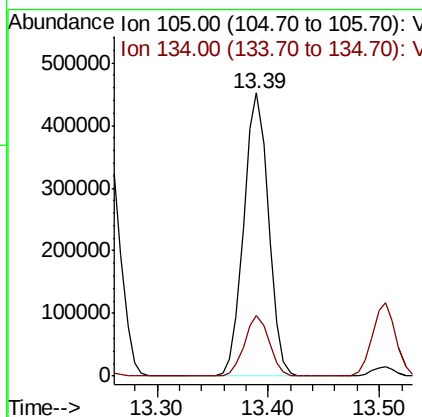
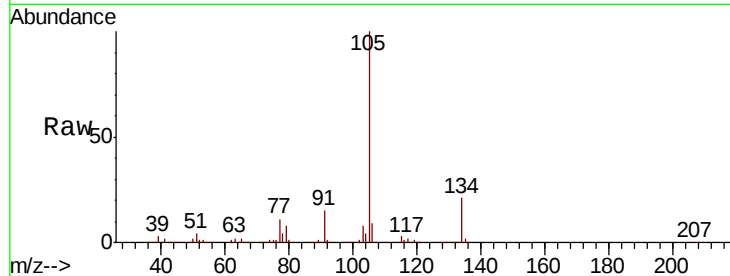
#85
 sec-Butylbenzene
 Concen: 53.830 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006706.D
 Acq: 07 Nov 2018 01:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.3	10.6	31.8

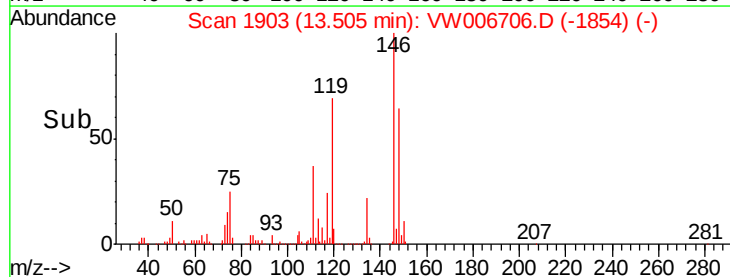
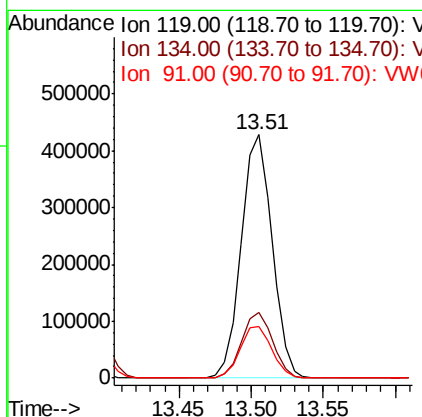
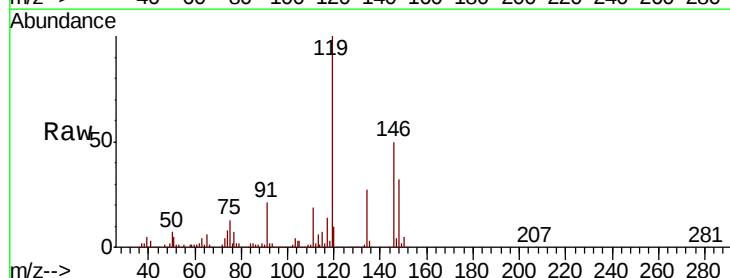
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#86
 p-Isopropyltoluene
 Concen: 53.888 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006706.D
 Acq: 07 Nov 2018 01:10

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.6	40.7
91	21.9	10.9	32.6





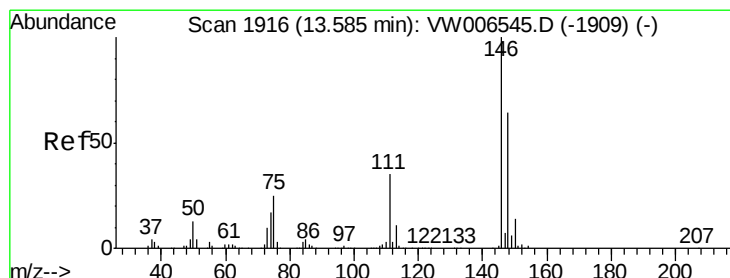
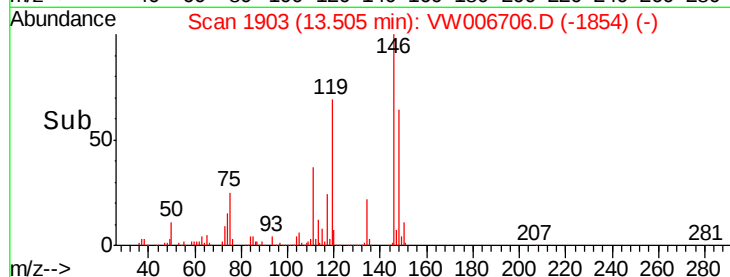
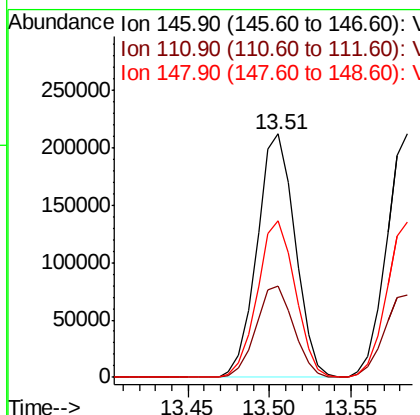
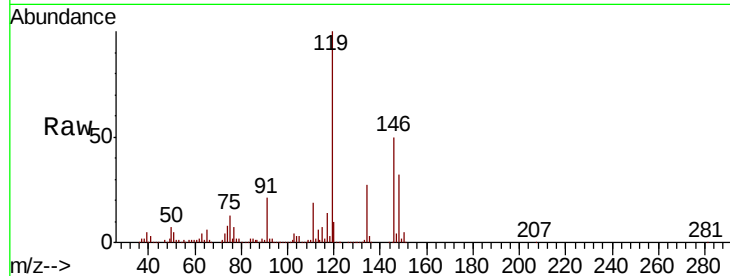
#87
 1,3-Dichlorobenzene
 Concen: 54.373 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006706.D
 Acq: 07 Nov 2018 01:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.6	55.6
148	64.1	32.1	96.3

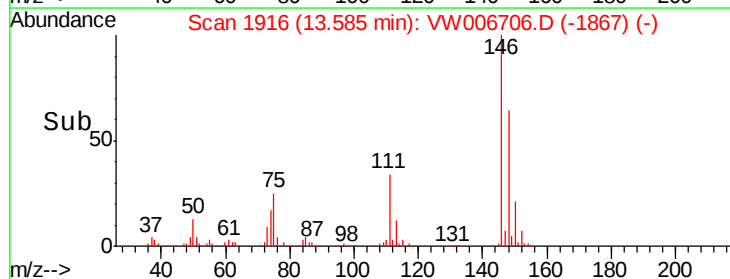
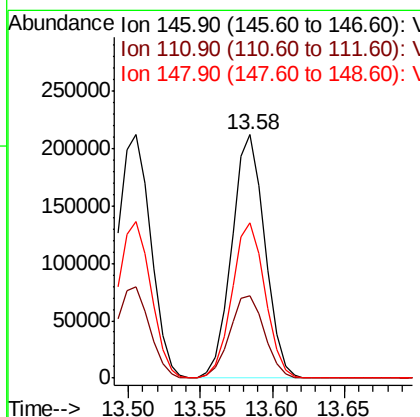
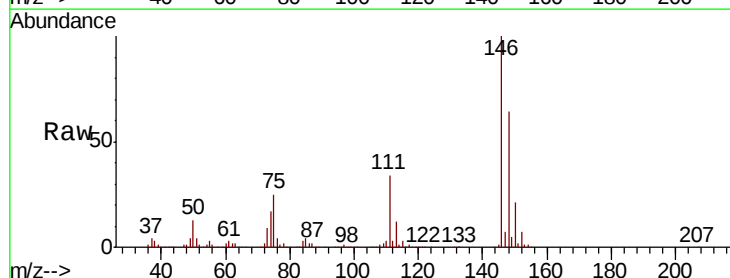
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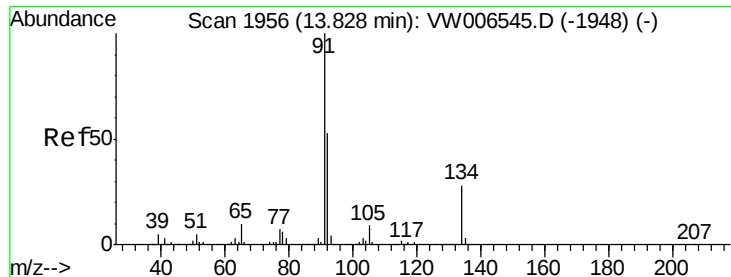
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#88
 1,4-Dichlorobenzene
 Concen: 54.383 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006706.D
 Acq: 07 Nov 2018 01:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.6	17.9	53.7
148	63.9	32.1	96.5





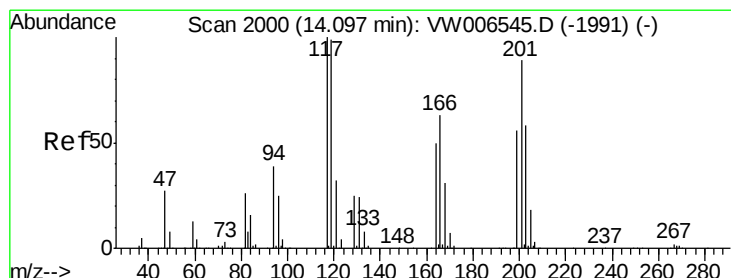
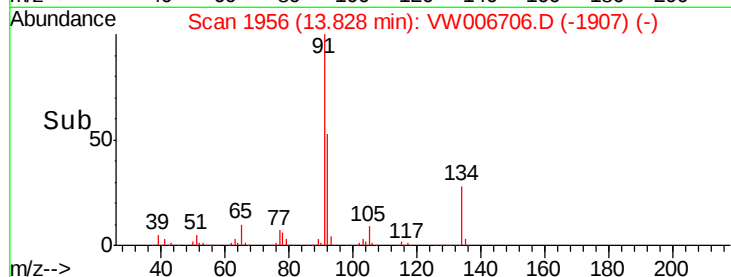
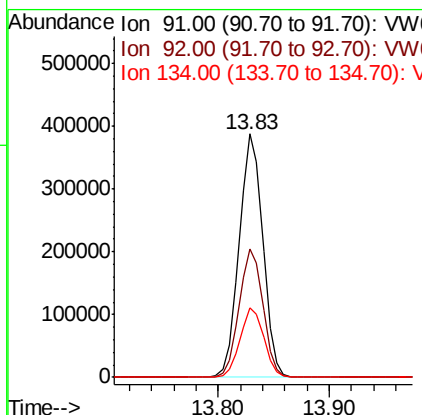
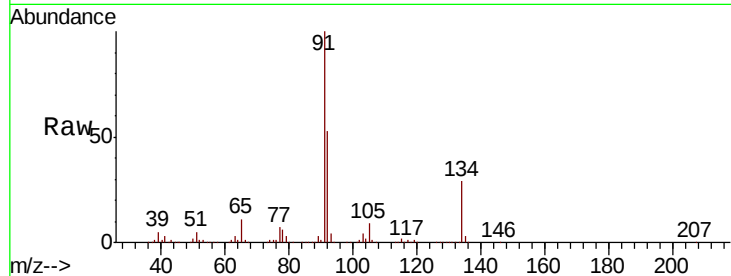
#89
n-Butylbenzene
Concen: 54.368 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.4	79.0
134	28.6	14.3	42.9

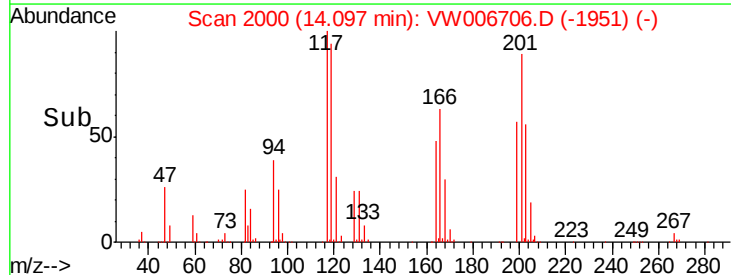
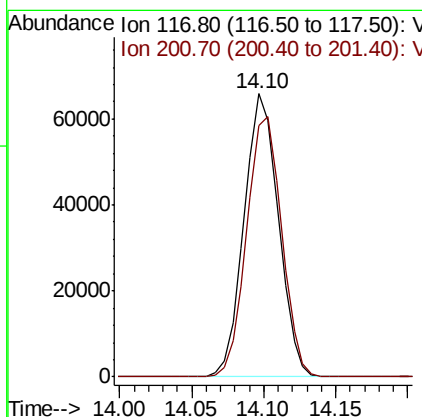
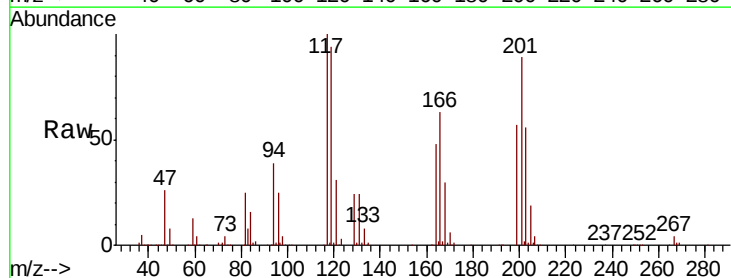
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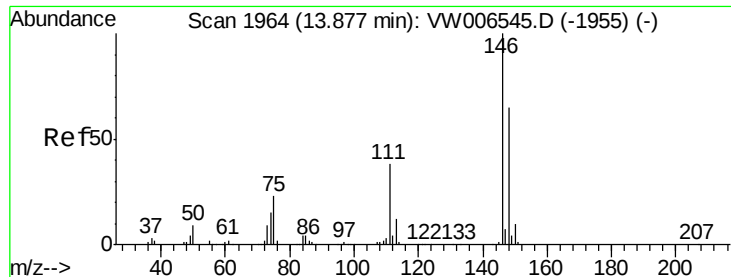
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#90
Hexachloroethane
Concen: 56.102 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.6	46.8	140.3





#91

1,2-Dichlorobenzene

Concen: 53.997 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Instrument :

MSVOA_W

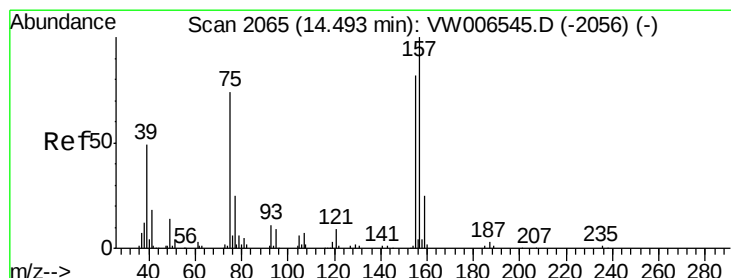
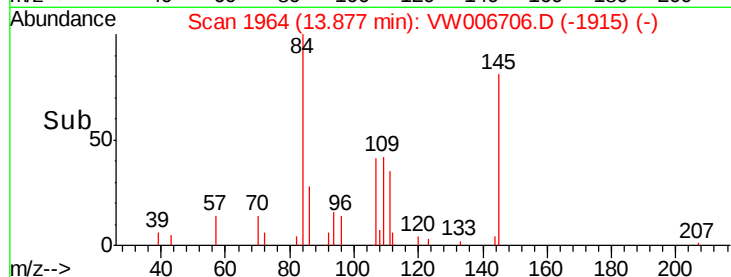
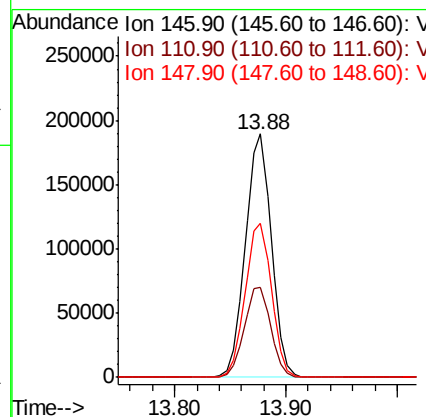
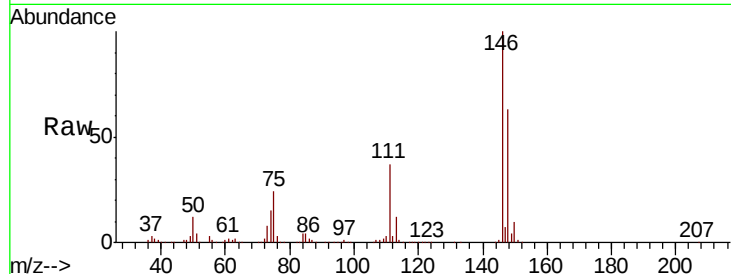
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	305797
Ion Ratio	Lower	Upper	
146	100		
111	37.8	19.1	57.5
148	64.2	32.0	96.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 53.398 ug/l

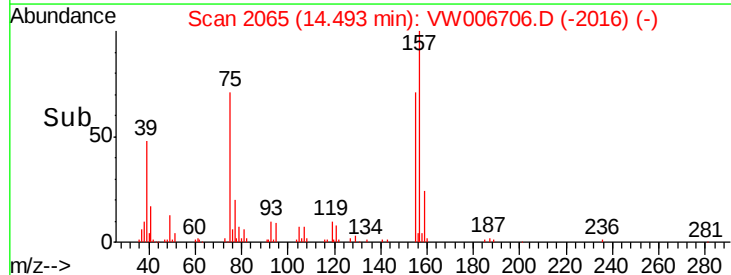
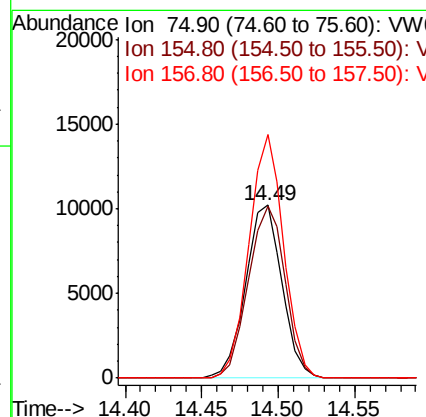
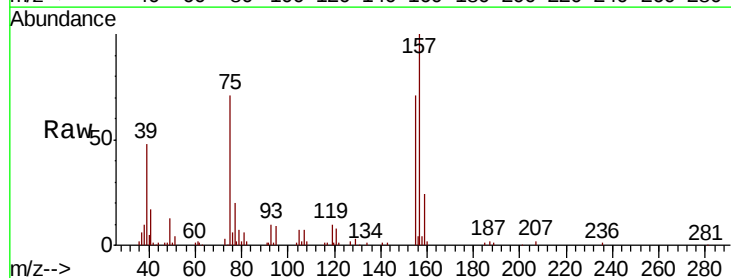
RT: 14.49 min Scan# 2065

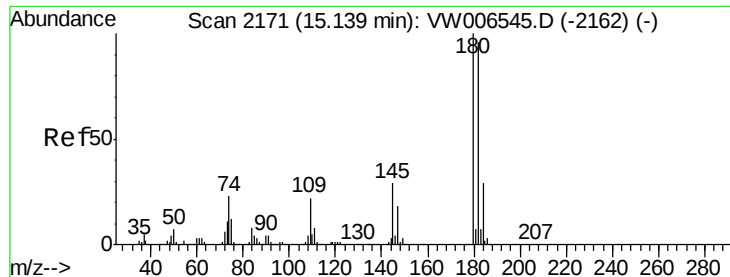
Delta R.T. 0.00 min

Lab File: VW006706.D

Acq: 07 Nov 2018 01:10

Tgt Ion:	75	Resp:	16897
Ion Ratio	Lower	Upper	
75	100		
155	100.6	50.6	151.8
157	133.5	65.0	195.0





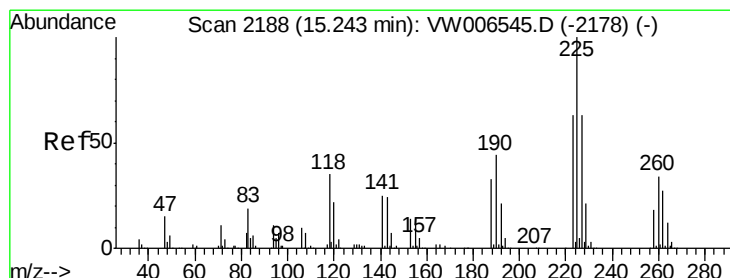
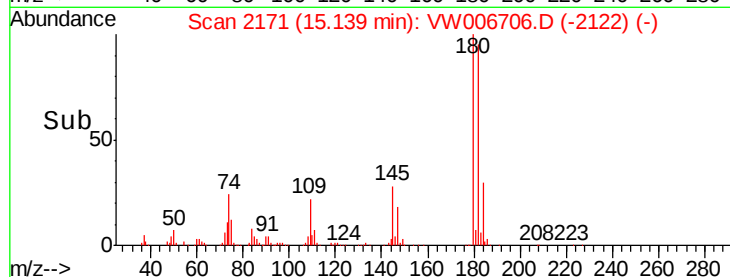
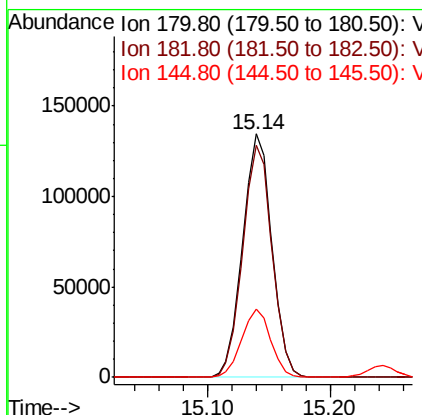
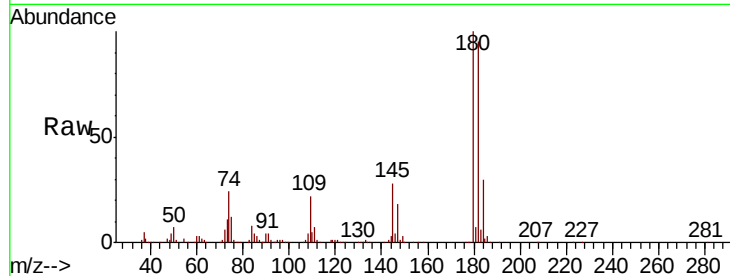
#93
 1,2,4-Trichlorobenzene
 Concen: 53.030 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006706.D
 Acq: 07 Nov 2018 01:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	223313		
182	95.6	47.5	142.6	
145	27.9	14.0	42.0	

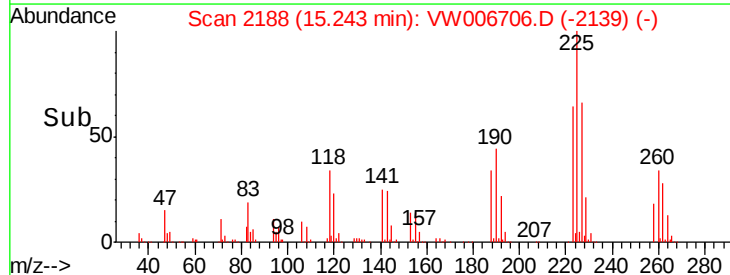
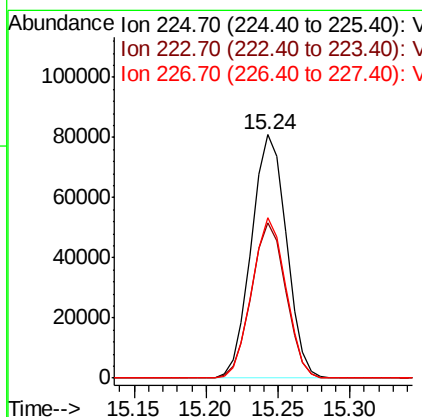
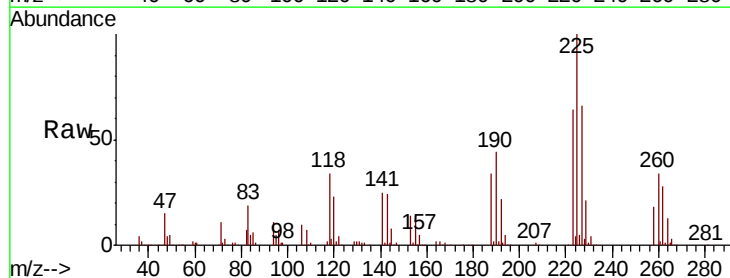
Manual Integrations
 APPROVED

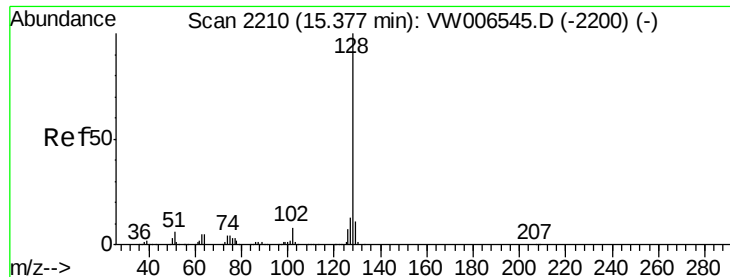
apatel
 11/7/2018 2:06:21 PM



#94
 Hexachlorobutadiene
 Concen: 51.707 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006706.D
 Acq: 07 Nov 2018 01:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	135707		
223	62.7	31.4	94.2	
227	64.0	32.2	96.6	





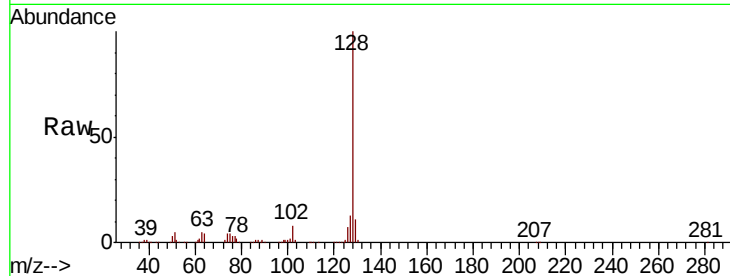
#95
Naphthalene
Concen: 54.957 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	371952		
127	13.1		10.3	15.5
129	10.9		8.7	13.1

Manual Integrations
APPROVED

apatel
11/7/2018 2:06:21 PM

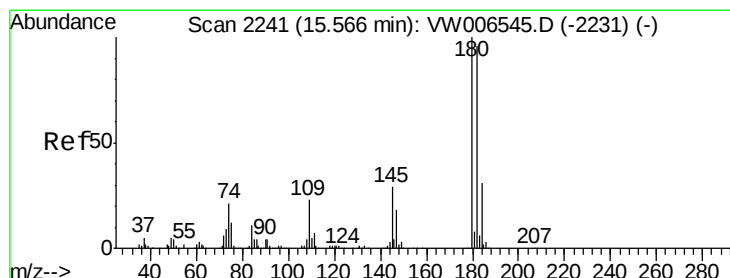
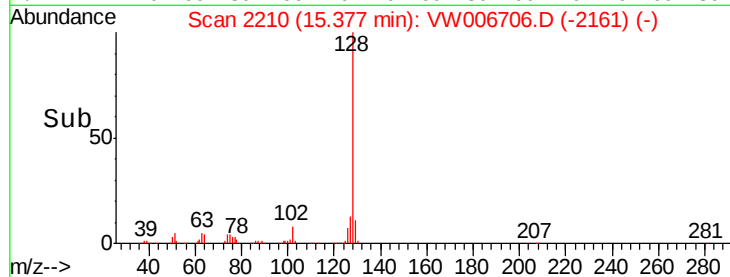
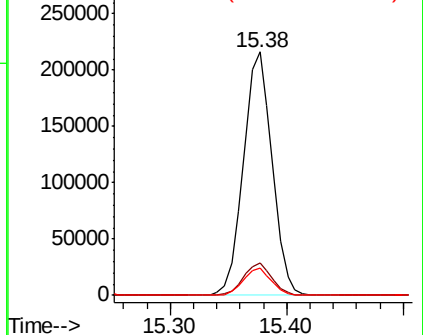


Abundance

Ion 128.00 (127.70 to 128.70): V

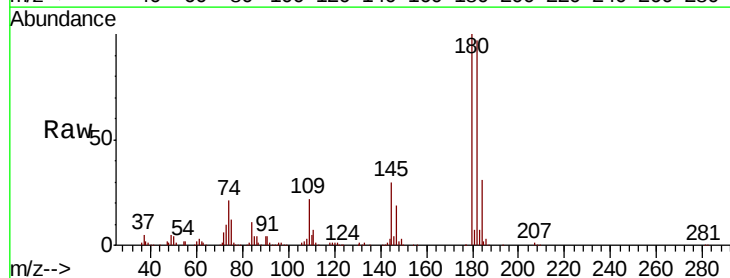
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 53.287 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006706.D
Acq: 07 Nov 2018 01:10

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	197214		
182	95.7		48.2	144.6
145	30.0		14.9	44.5



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

