

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112218\
 Data File : VW007016.D
 Acq On : 21 Nov 2018 22:38
 Operator : VAY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/26/2018 1:04:51 PM

Quant Time: Nov 22 05:55:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	105031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	166694	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	160599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	80031	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	52419	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
35) Dibromofluoromethane	7.88	113	47317	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
50) Toluene-d8	10.32	98	212218	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
62) 4-Bromofluorobenzene	12.62	95	82992	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	53206	51.307	ug/l	98
3) Chloromethane	2.21	50	47593	55.071	ug/l	99
4) Vinyl Chloride	2.36	62	45998	54.097	ug/l	99
5) Bromomethane	2.78	94	25636	56.487	ug/l	95
6) Chloroethane	2.92	64	26039	55.554	ug/l	97
7) Trichlorofluoromethane	3.26	101	86906	51.978	ug/l	99
8) Diethyl Ether	3.69	74	29888	55.477	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	54050	49.864	ug/l	99
10) Methyl Iodide	4.28	142	73059	58.879	ug/l	99
11) Tert butyl alcohol	5.20	59	21483	320.931	ug/l #	87
12) 1,1-Dichloroethene	4.04	96	49796	52.380	ug/l	99
13) Acrolein	3.90	56	18238	265.301	ug/l	99
14) Allyl chloride	4.68	41	85679	54.336	ug/l	100
15) Acrylonitrile	5.37	53	62805	310.167	ug/l	100
16) Acetone	4.14	43	45338	303.683	ug/l	99
17) Carbon Disulfide	4.39	76	170238	55.388	ug/l	97
18) Methyl Acetate	4.68	43	30064	56.548	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	148343	59.760	ug/l	98
20) Methylene Chloride	4.92	84	66435	56.546	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	58617	52.930	ug/l	96
22) Diisopropyl ether	6.32	45	177009	57.675	ug/l	98
23) Vinyl Acetate	6.26	43	494642	303.496	ug/l	100
24) 1,1-Dichloroethane	6.22	63	100673	53.920	ug/l	98
25) 2-Butanone	7.18	43	78030	305.163	ug/l	100
26) 2,2-Dichloropropane	7.17	77	85829	51.120	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	65619	55.641	ug/l	99
28) Bromochloromethane	7.51	49	37119	53.193	ug/l	96
29) Tetrahydrofuran	7.54	42	50340	303.979	ug/l	98
30) Chloroform	7.68	83	106392	53.637	ug/l	100
31) Cyclohexane	7.96	56	97781	49.375	ug/l	100
32) 1,1,1-Trichloroethane	7.88	97	95174	53.270	ug/l	99
36) 1,1-Dichloropropene	8.09	75	87149	53.500	ug/l	99
37) Ethyl Acetate	7.26	43	35545	60.216	ug/l	98
38) Carbon Tetrachloride	8.07	117	82265	52.738	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	107266	52.620	ug/l	97
40) Benzene	8.32	78	247223	56.224	ug/l	98
41) Methacrylonitrile	7.49	41	21417	58.423	ug/l	98
42) 1,2-Dichloroethane	8.40	62	70317	55.081	ug/l	99
43) Isopropyl Acetate	8.43	43	69133	61.458	ug/l	97
44) Trichloroethene	9.09	130	69004	55.982	ug/l	95
45) 1,2-Dichloropropane	9.37	63	61212	56.473	ug/l	99
46) Dibromomethane	9.46	93	31360	57.774	ug/l	98
47) Bromodichloromethane	9.65	83	80358	56.189	ug/l	98
48) Methyl methacrylate	9.44	41	33862	62.430	ug/l	100
49) 1,4-Dioxane	9.46	88	10278	1273.956	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	176800	311.011	ug/l	100
52) Toluene	10.39	92	171006	57.146	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	81665	58.947	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	96199	57.475	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	45589	57.085	ug/l	98
56) Ethyl methacrylate	10.65	69	58895	63.532	ug/l	99
57) 1,3-Dichloropropane	10.93	76	78807	58.885	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	121639	251.107	ug/l	99
59) 2-Hexanone	10.97	43	124473	319.750	ug/l	100
60) Dibromochloromethane	11.13	129	54673	60.081	ug/l	98
61) 1,2-Dibromoethane	11.24	107	44369	60.733	ug/l	100
64) Tetrachloroethene	10.87	164	58591	56.710	ug/l	97
65) Chlorobenzene	11.66	112	189508	56.537	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	58105	57.303	ug/l	99
67) Ethyl Benzene	11.73	91	341614	55.477	ug/l	98
68) m/p-Xylenes	11.84	106	266715	110.402	ug/l	99
69) o-Xylene	12.17	106	126986	55.745	ug/l	100
70) Styrene	12.18	104	207619	57.265	ug/l	99
71) Bromoform	12.35	173	29337	61.417	ug/l #	99
73) Isopropylbenzene	12.47	105	342797	55.113	ug/l	100
74) N-amyl acetate	12.27	43	66193	63.498	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	49930	60.319	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	38442m	61.128	ug/l	
77) Bromobenzene	12.75	156	76840	57.518	ug/l	99
78) n-propylbenzene	12.81	91	409662	54.374	ug/l	100
79) 2-Chlorotoluene	12.90	91	240458	55.352	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	295918	55.017	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	14968	59.755	ug/l	98
82) 4-Chlorotoluene	12.99	91	251065	55.073	ug/l	100
83) tert-Butylbenzene	13.21	119	254148	54.576	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	298618	55.725	ug/l	98
85) sec-Butylbenzene	13.39	105	356291	54.158	ug/l	99
86) p-Isopropyltoluene	13.51	119	316272	54.494	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	152483	55.909	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	153164	56.326	ug/l	99
89) n-Butylbenzene	13.83	91	299359	54.810	ug/l	100
90) Hexachloroethane	14.10	117	47777	56.385	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	136308	57.038	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8842	63.246	ug/l	97

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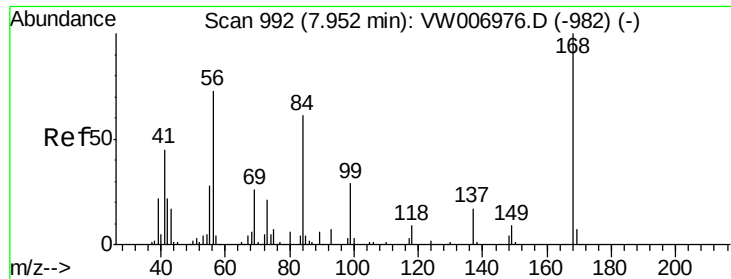
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Wed Nov 21 03:23:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	88189	55.963	ug/l	99
94) Hexachlorobutadiene	15.24	225	46716	54.532	ug/l	98
95) Naphthalene	15.38	128	171141	59.829	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	75931	58.079	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: VW007016.D

Acq: 21 Nov 2018 22:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 105031

Ion Ratio Lower Upper

168 100

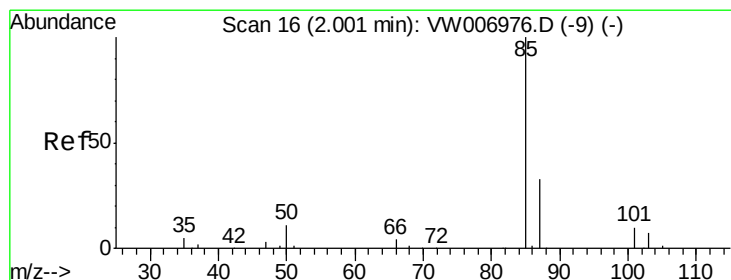
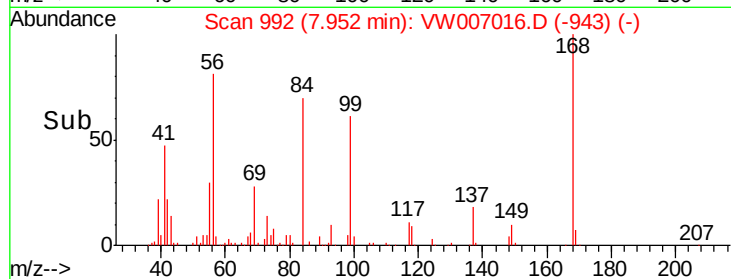
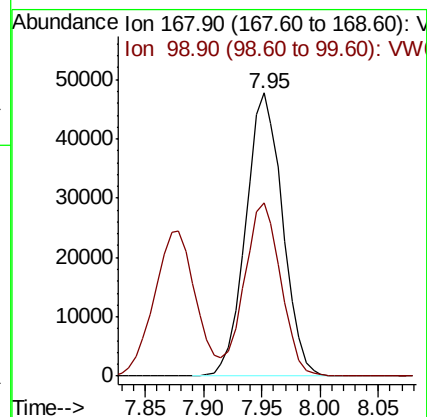
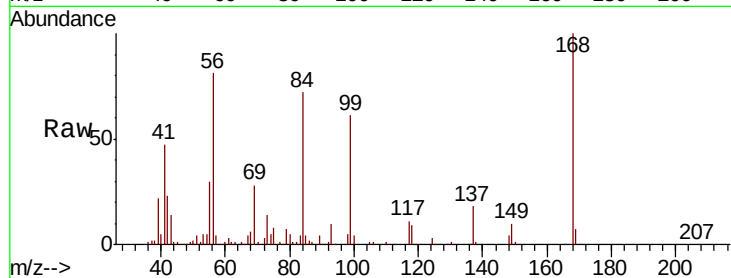
99 61.3 48.2 72.4

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 51.307 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW007016.D

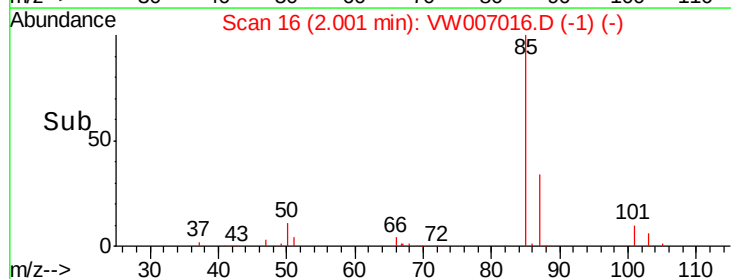
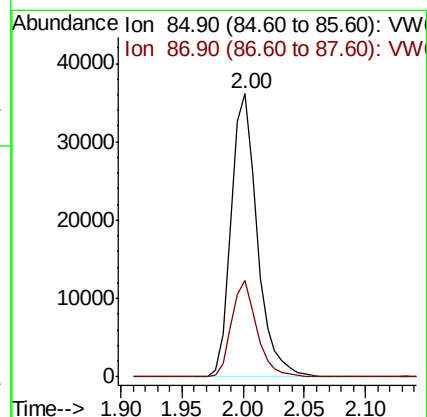
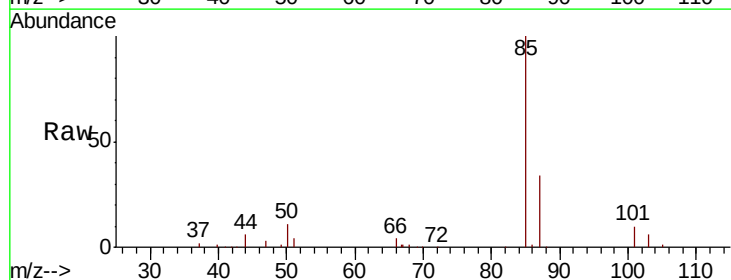
Acq: 21 Nov 2018 22:38

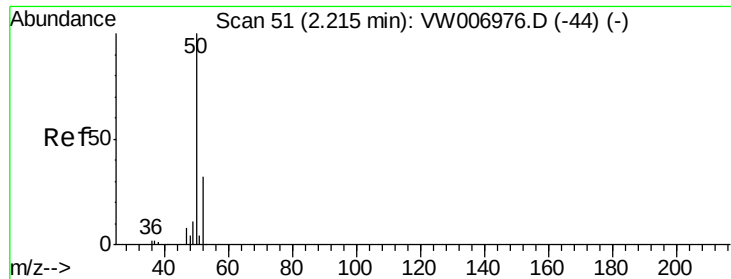
Tgt Ion: 85 Resp: 53206

Ion Ratio Lower Upper

85 100

87 34.0 16.3 48.9





#3

Chloromethane

Concen: 55.071 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW007016.D

Acq: 21 Nov 2018 22:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 47593

Ion Ratio Lower Upper

50 100

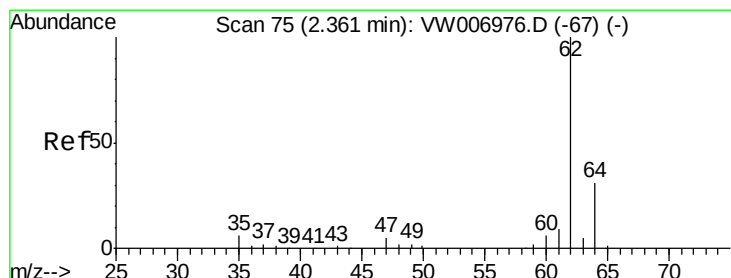
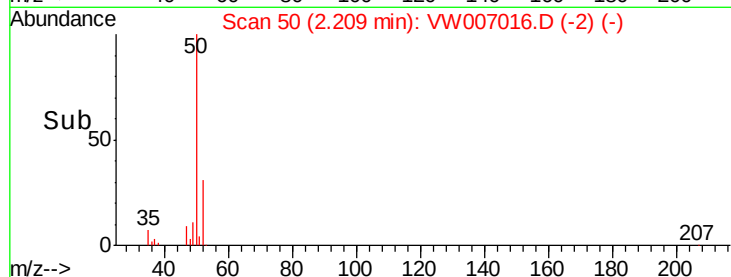
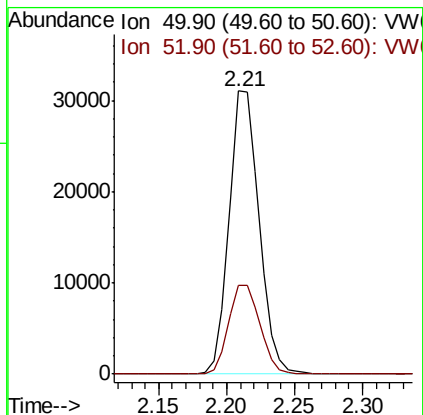
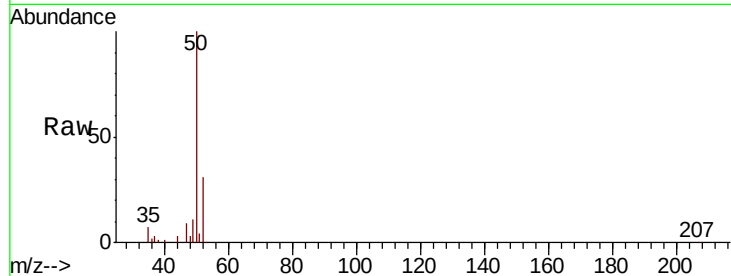
52 31.4 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 54.097 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW007016.D

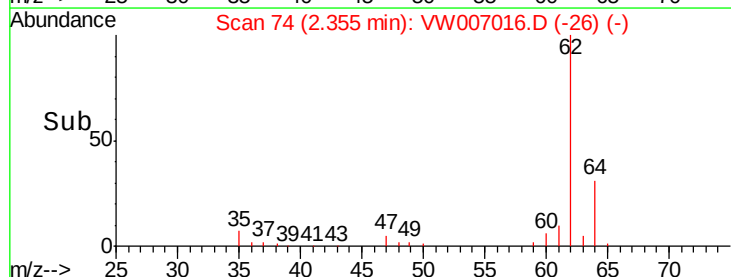
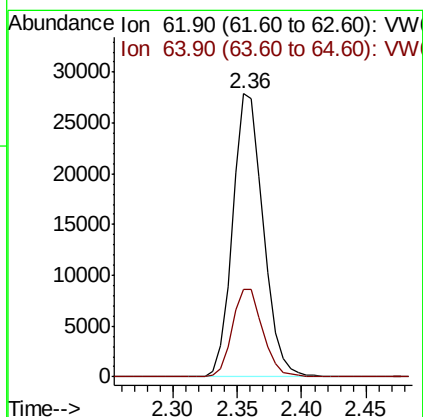
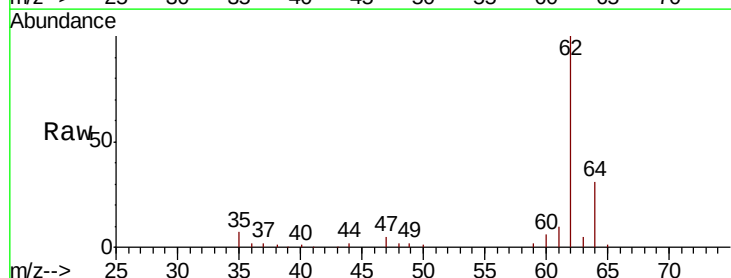
Acq: 21 Nov 2018 22:38

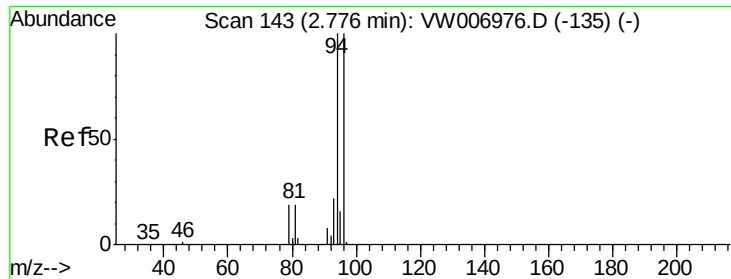
Tgt Ion: 62 Resp: 45998

Ion Ratio Lower Upper

62 100

64 30.9 25.2 37.8





#5

Bromomethane

Concen: 56.487 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW007016.D

Acq: 21 Nov 2018 22:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 25636

Ion Ratio Lower Upper

94 100

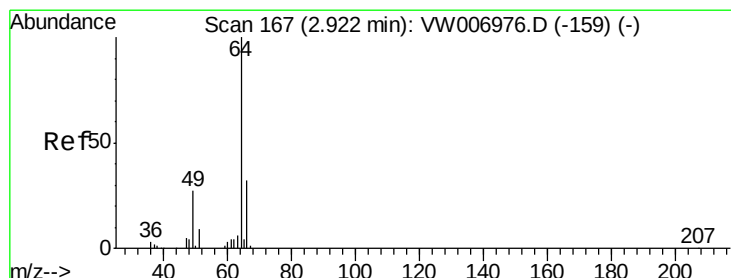
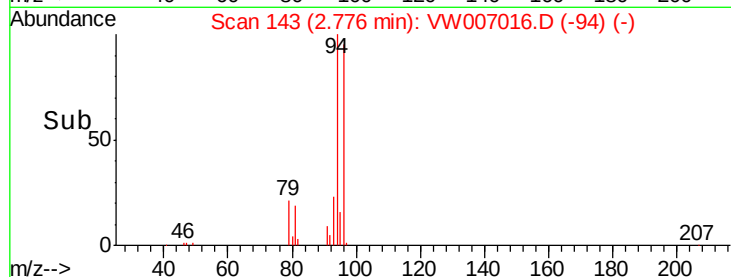
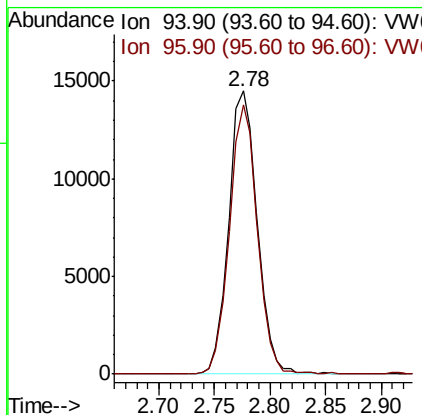
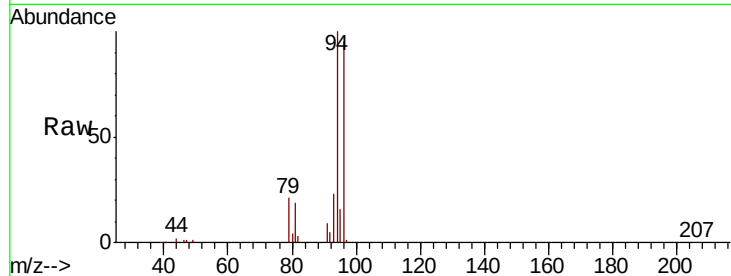
96 95.2 80.2 120.2

Manual Integrations

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#6

Chloroethane

Concen: 55.554 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW007016.D

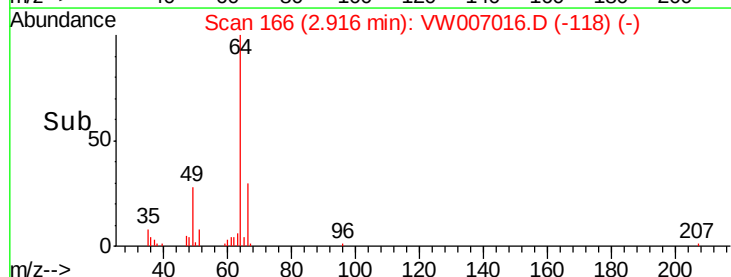
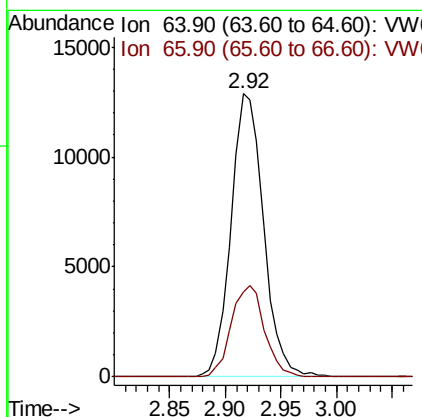
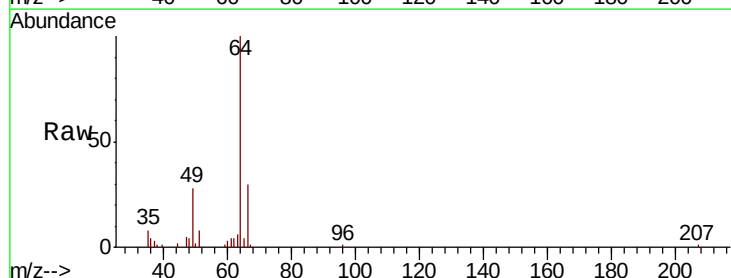
Acq: 21 Nov 2018 22:38

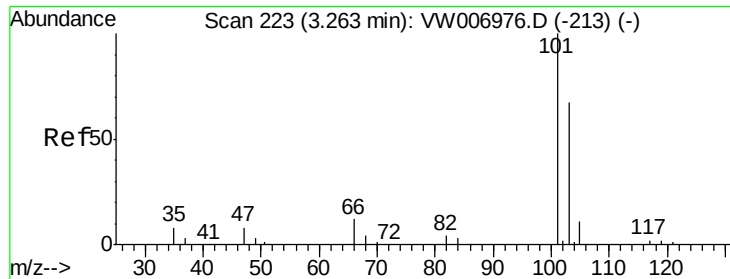
Tgt Ion: 64 Resp: 26039

Ion Ratio Lower Upper

64 100

66 29.9 25.3 37.9





#7

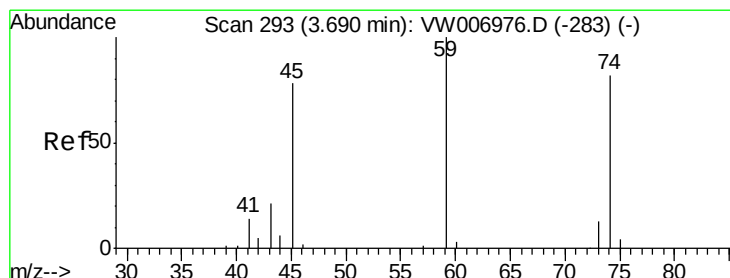
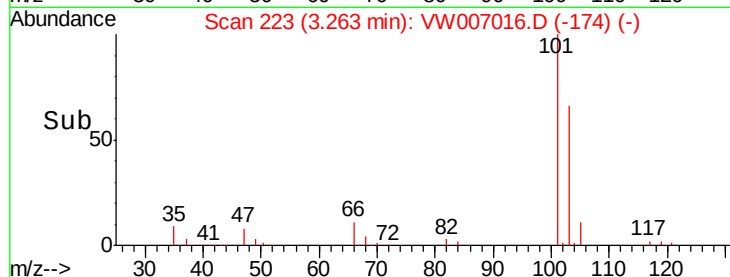
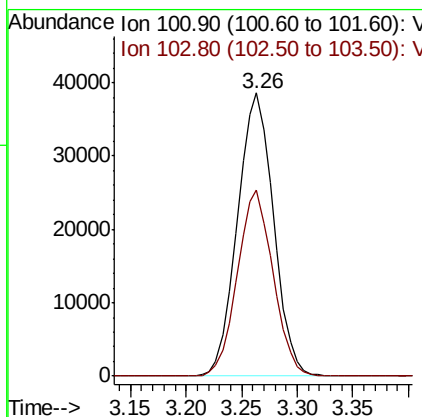
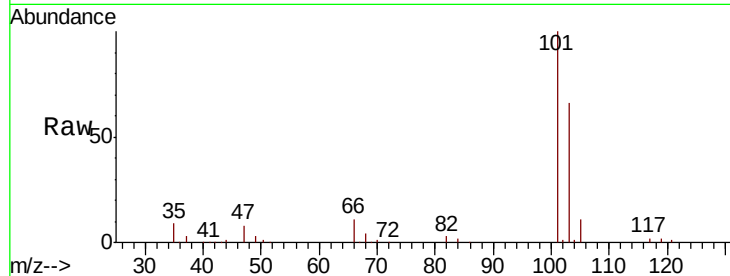
Trichlorofluoromethane
 Concen: 51.978 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW007016.D
 Acq: 21 Nov 2018 22:38

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.9	53.4	80.2

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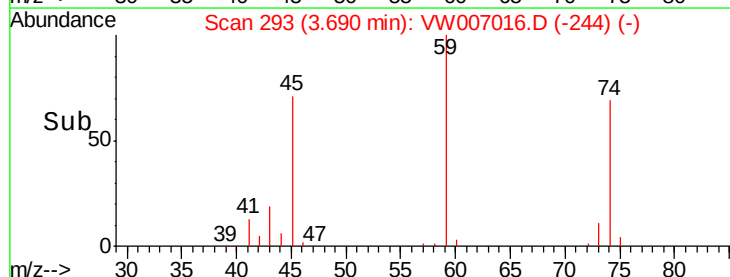
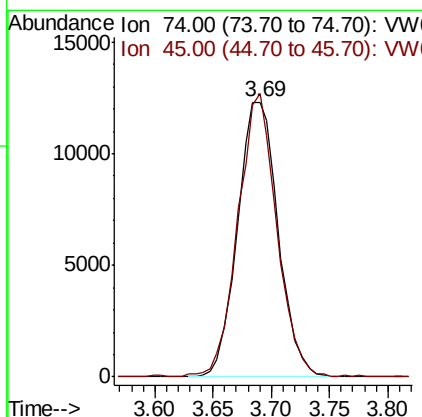
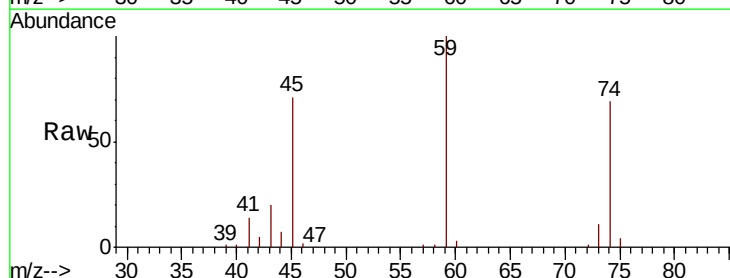
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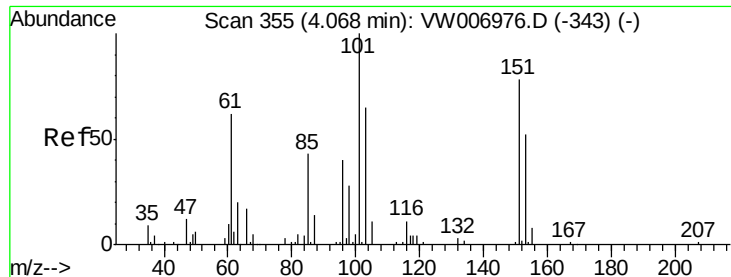


#8

Diethyl Ether
 Concen: 55.477 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VW007016.D
 Acq: 21 Nov 2018 22:38

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.6	48.4	145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.864 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW007016.D

Acq: 21 Nov 2018 22:38

Instrument :

MSVOA_W

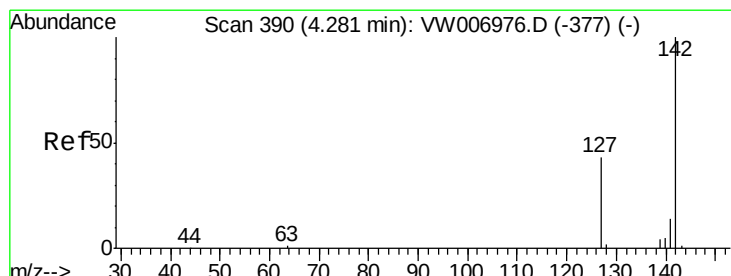
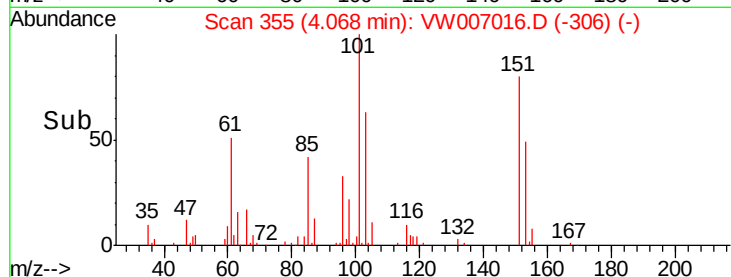
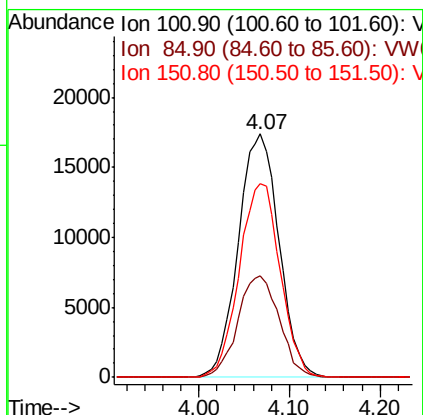
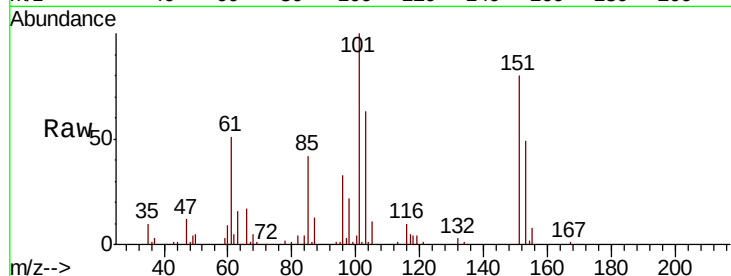
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	54050
Ion Ratio	Lower	Upper	
101	100		
85	42.5	34.3	51.5
151	79.7	63.4	95.2

Manual Integrations
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#10

Methyl Iodide

Concen: 58.879 ug/l

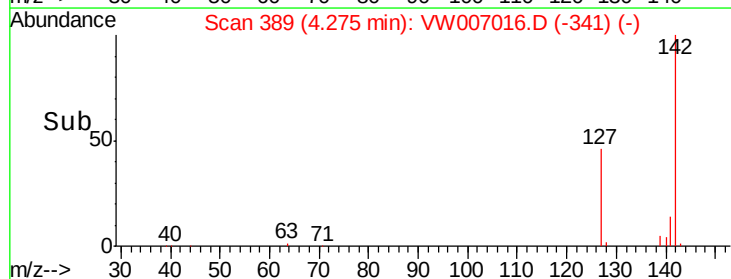
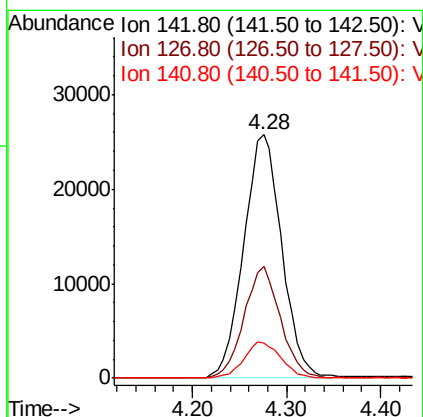
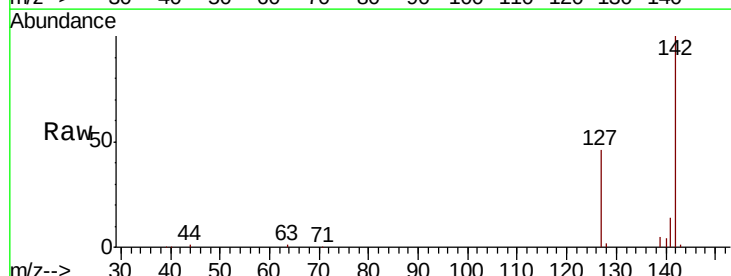
RT: 4.28 min Scan# 389

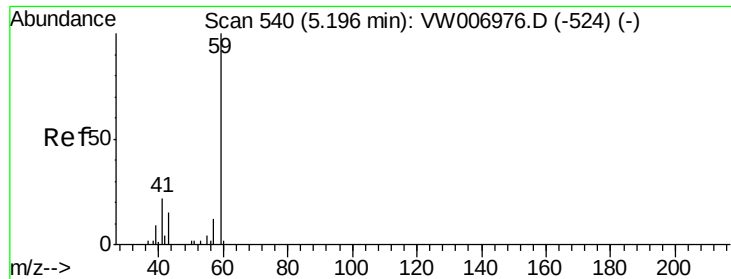
Delta R.T. -0.01 min

Lab File: VW007016.D

Acq: 21 Nov 2018 22:38

Tgt Ion:	142	Resp:	73059
Ion Ratio	Lower	Upper	
142	100		
127	43.6	35.3	52.9
141	14.5	11.7	17.5





#11

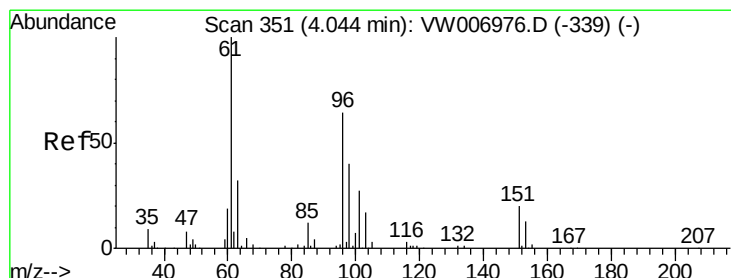
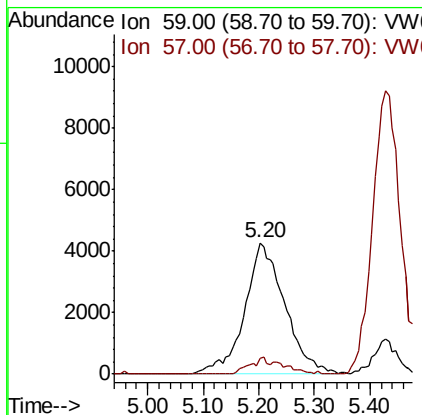
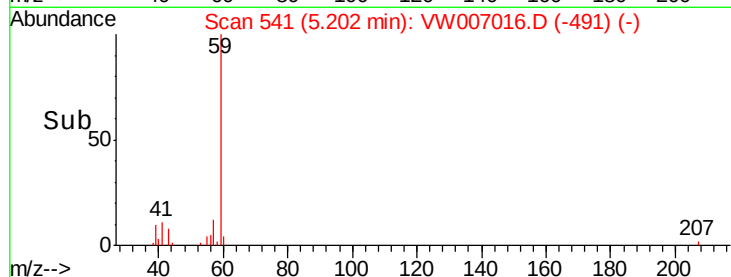
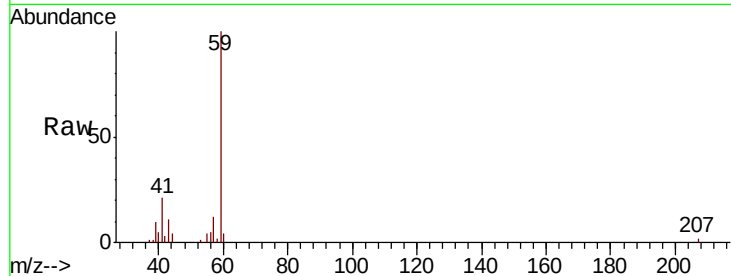
Tert butyl alcohol
Concen: 320.931 ug/l
RT: 5.20 min Scan# 541
Delta R.T. 0.01 min
Lab File: VW007016.D
Acq: 21 Nov 2018 22:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	5.8	8.6	13.0#

Manual Integrations
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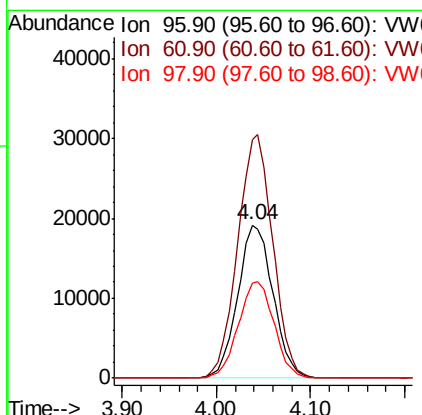
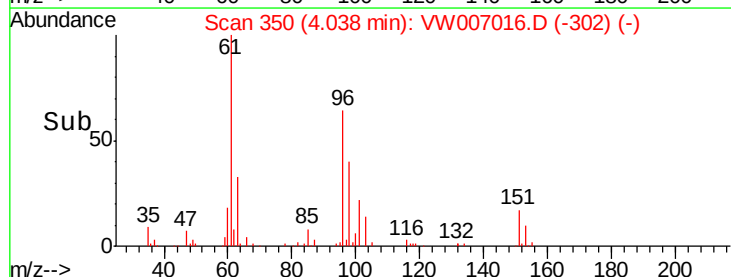
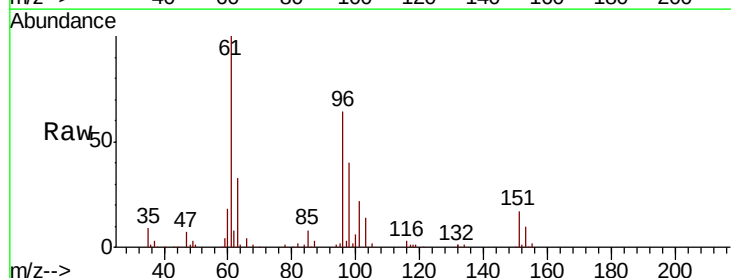
MMDadoda
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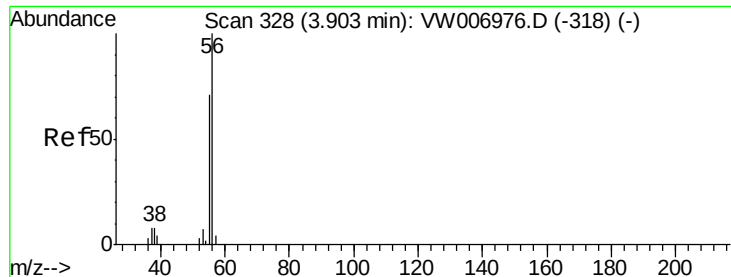


#12

1,1-Dichloroethene
Concen: 52.380 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW007016.D
Acq: 21 Nov 2018 22:38

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.1	124.3	186.5
98	62.4	49.4	74.2





#13

Acrolein

Concen: 265.301 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.00 min

Lab File: VW007016.D

Acq: 21 Nov 2018 22:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 18238

Ion Ratio Lower Upper

56 100

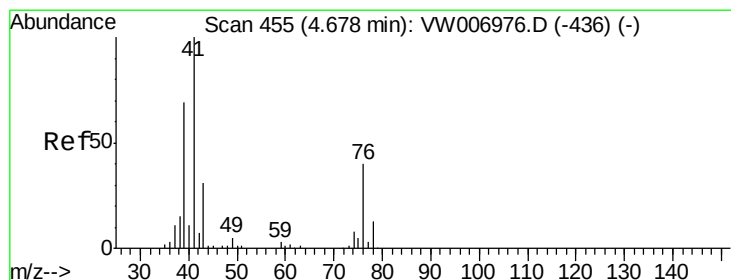
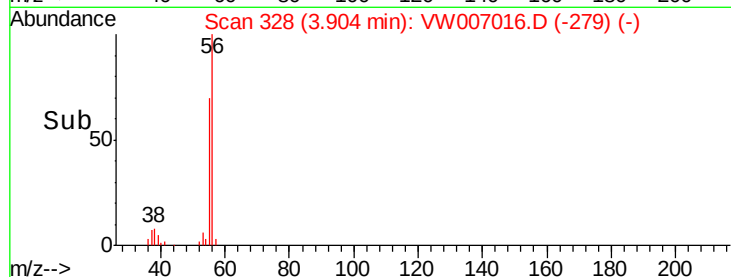
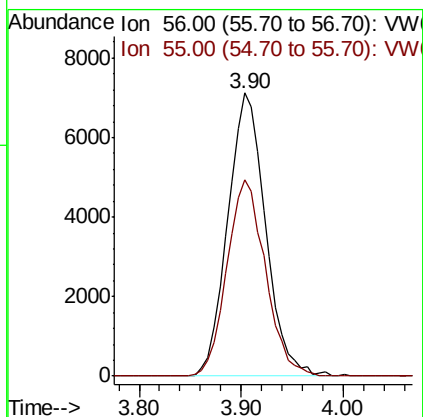
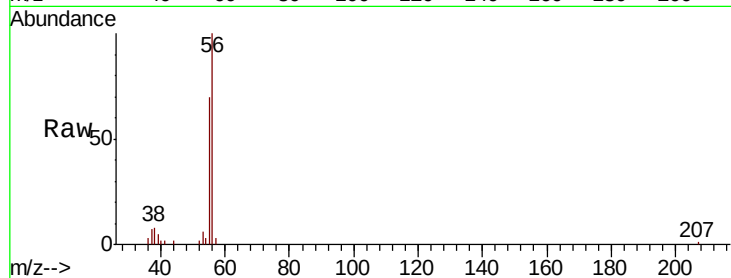
55 70.8 57.5 86.3

Manual Integrations

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#14

Allyl chloride

Concen: 54.336 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW007016.D

Acq: 21 Nov 2018 22:38

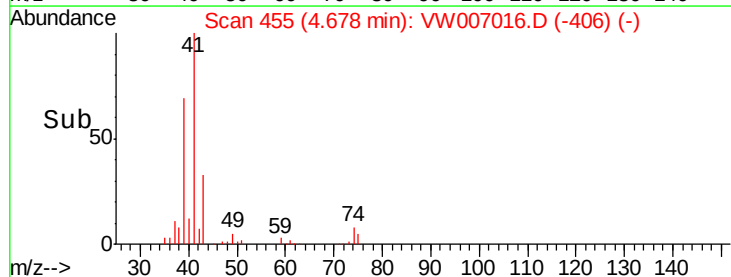
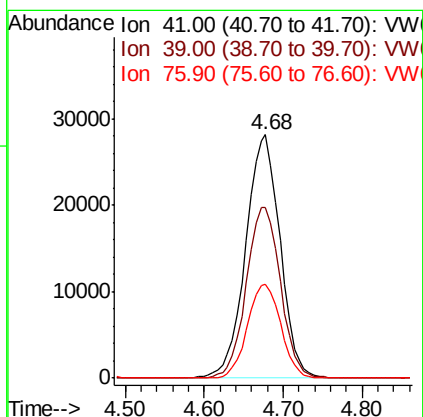
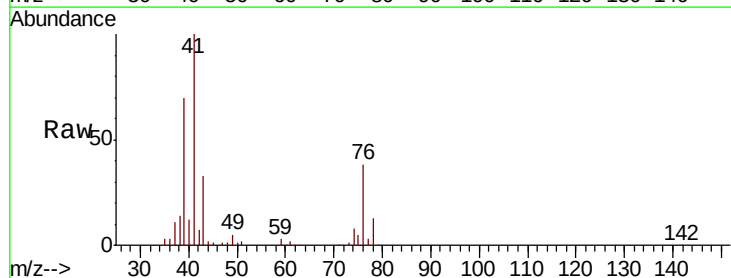
Tgt Ion: 41 Resp: 85679

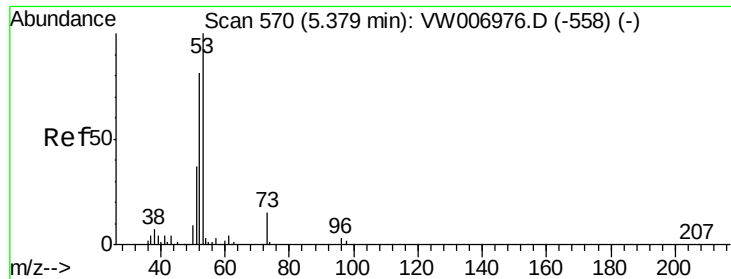
Ion Ratio Lower Upper

41 100

39 69.7 55.4 83.2

76 37.2 29.6 44.4





#15

Acrylonitrile

Concen: 310.167 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW007016.D

Acq: 21 Nov 2018 22:38

Instrument :

MSVOA_W

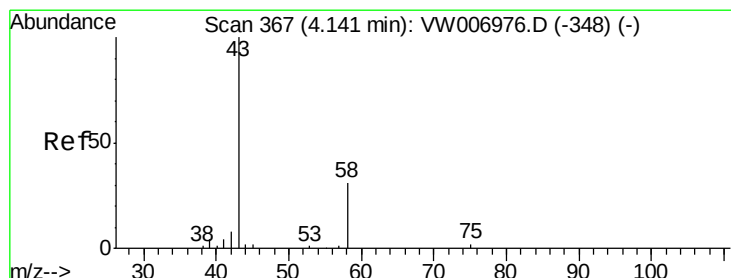
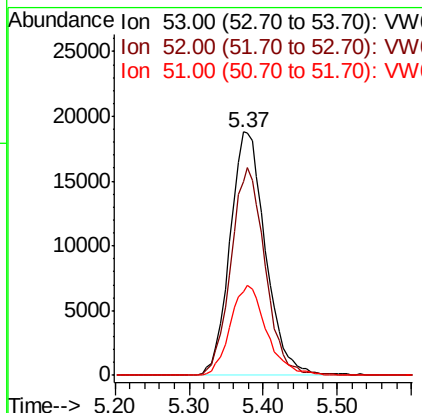
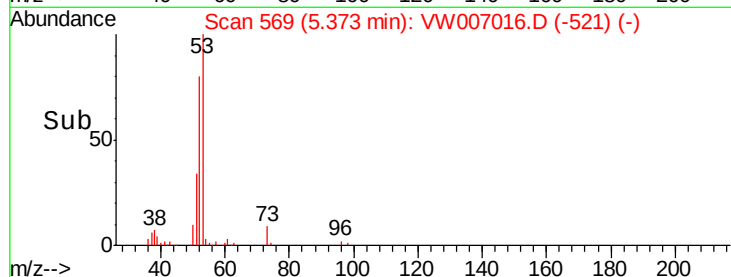
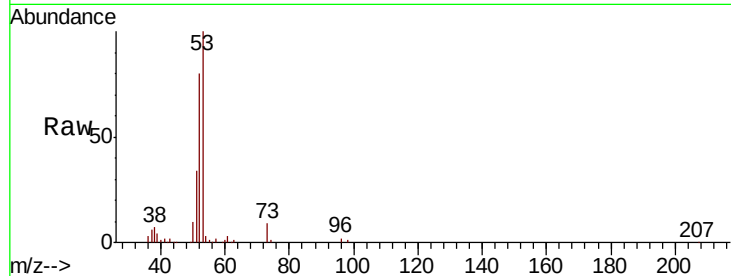
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	62805
Ion Ratio	Lower	Upper	
53	100		
52	82.0	65.7	98.5
51	37.6	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 303.683 ug/l

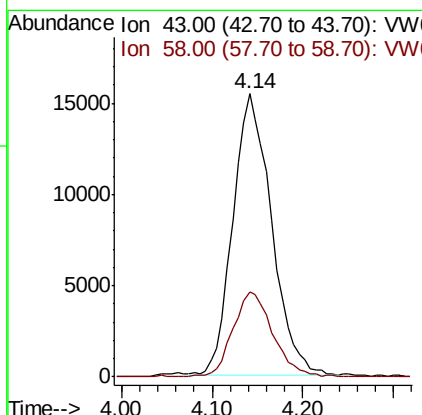
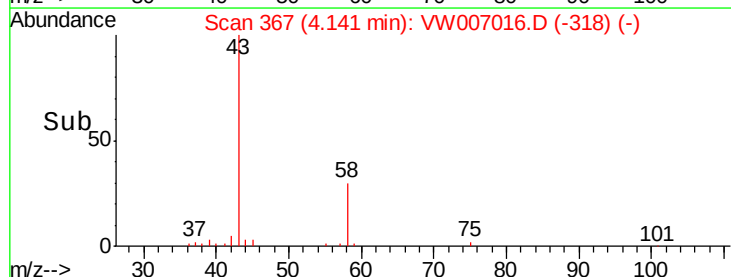
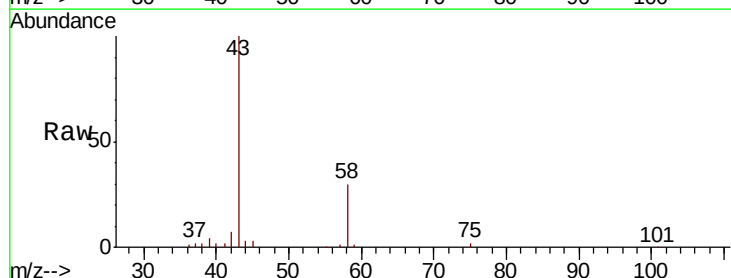
RT: 4.14 min Scan# 367

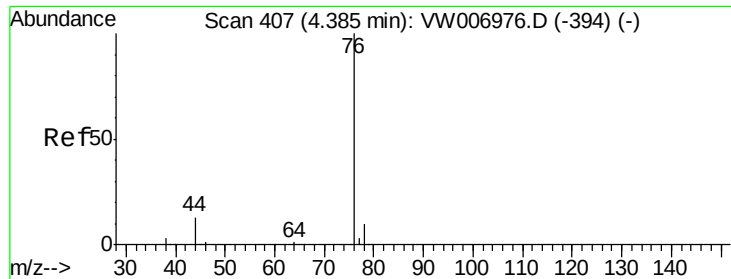
Delta R.T. 0.00 min

Lab File: VW007016.D

Acq: 21 Nov 2018 22:38

Tgt Ion:	43	Resp:	45338
Ion Ratio	Lower	Upper	
43	100		
58	30.2	24.8	37.2





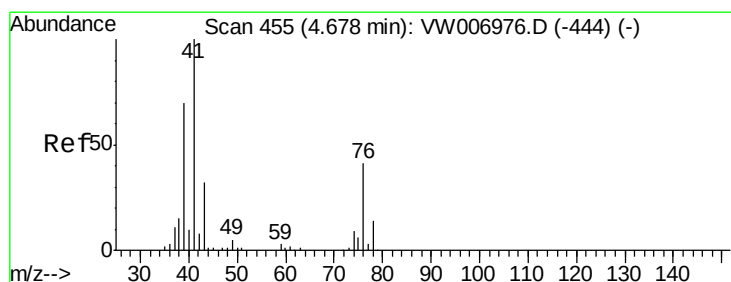
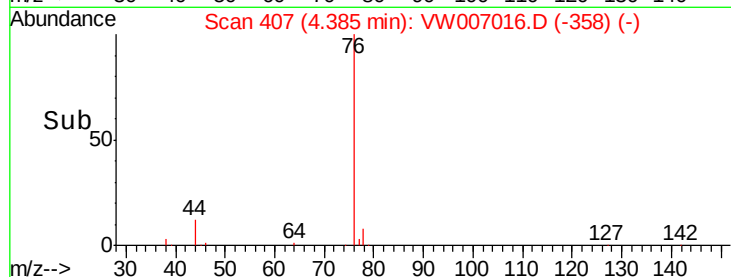
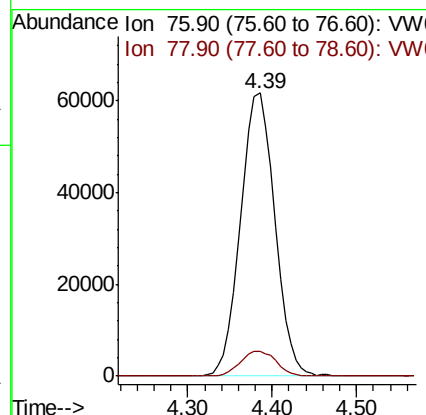
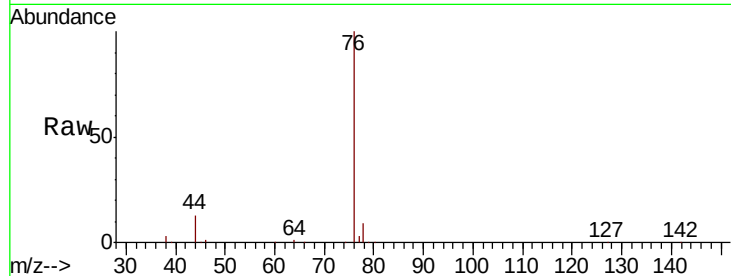
#17
Carbon Disulfide
Concen: 55.388 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW007016.D
Acq: 21 Nov 2018 22:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.8	11.6

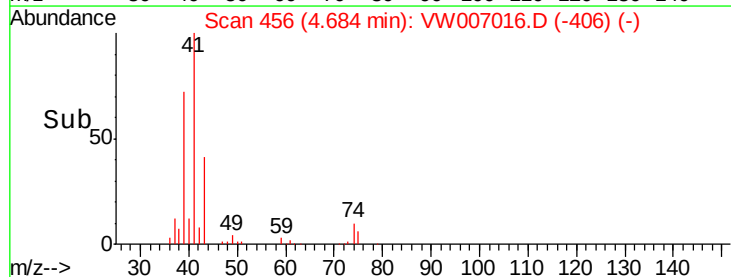
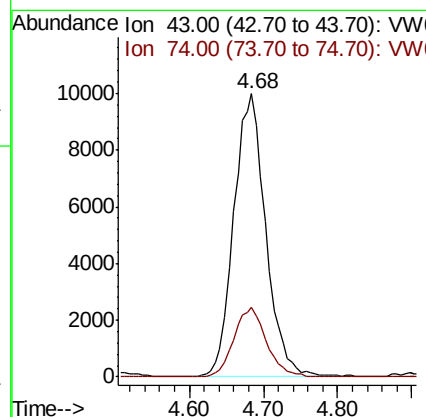
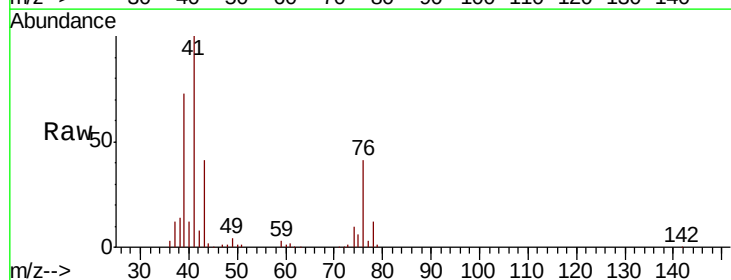
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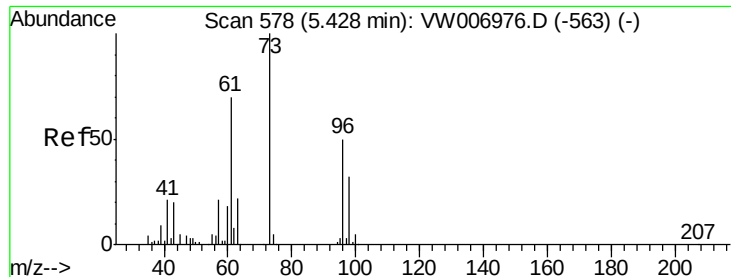
MMDadoda
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#18
Methyl Acetate
Concen: 56.548 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW007016.D
Acq: 21 Nov 2018 22:38

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.7	20.1	30.1





#19

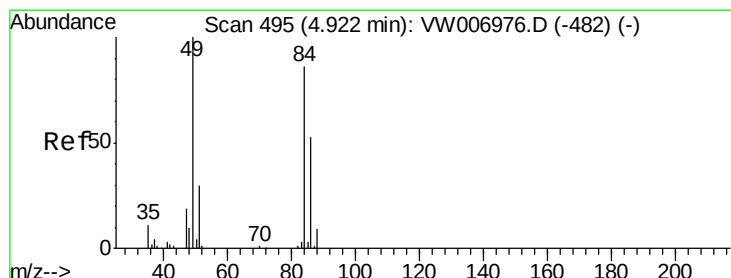
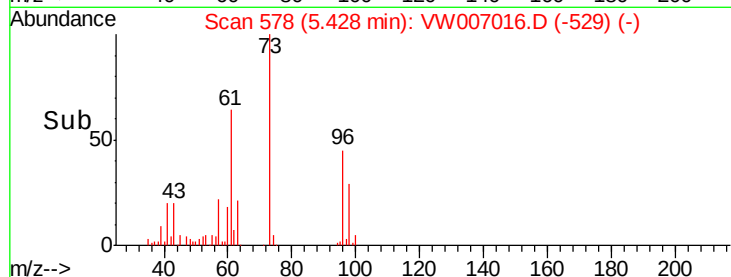
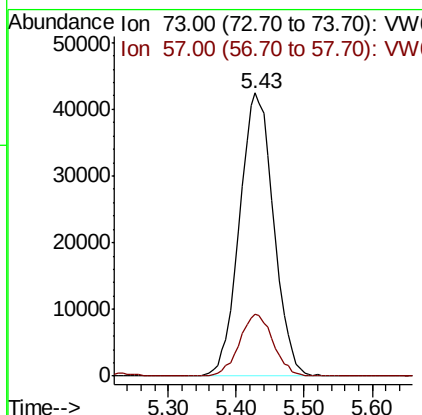
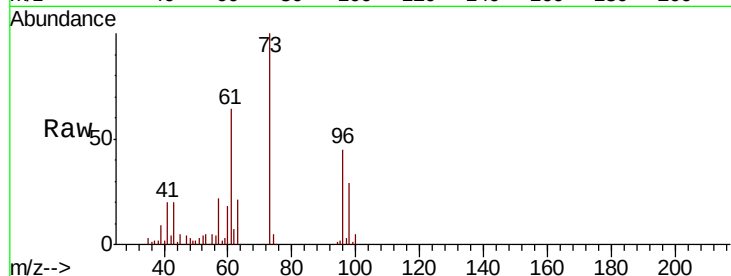
Methyl tert-butyl Ether
 Concen: 59.760 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: VW007016.D
 Acq: 21 Nov 2018 22:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 73 Resp: 148343
 Ion Ratio Lower Upper
 73 100
 57 21.7 16.7 25.1

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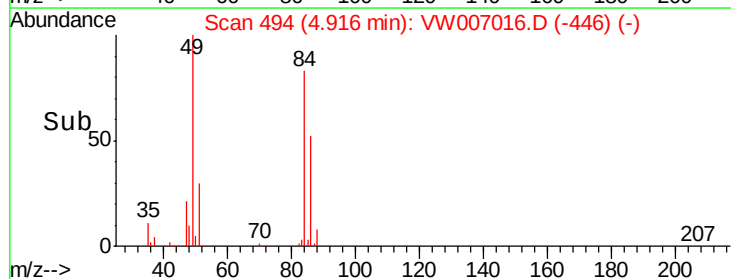
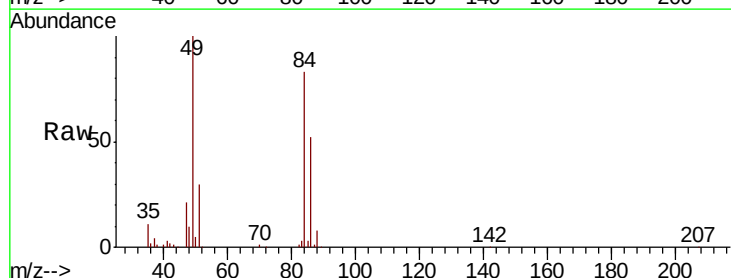
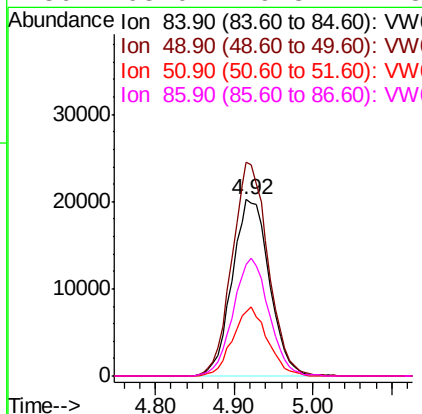
MMDadoda
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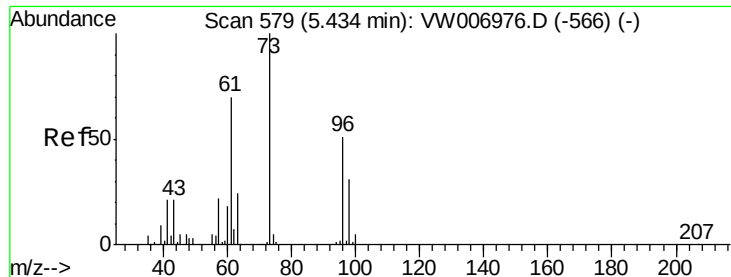


#20

Methylene Chloride
 Concen: 56.546 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: VW007016.D
 Acq: 21 Nov 2018 22:38

Tgt Ion: 84 Resp: 66435
 Ion Ratio Lower Upper
 84 100
 49 120.9 93.4 140.0
 51 36.6 28.4 42.6
 86 63.0 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 52.930 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW007016.D

Acq: 21 Nov 2018 22:38

Instrument :

MSVOA_W

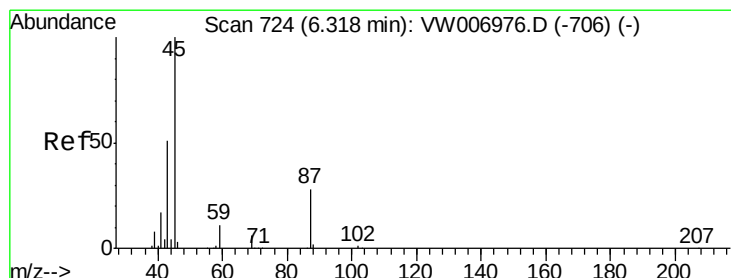
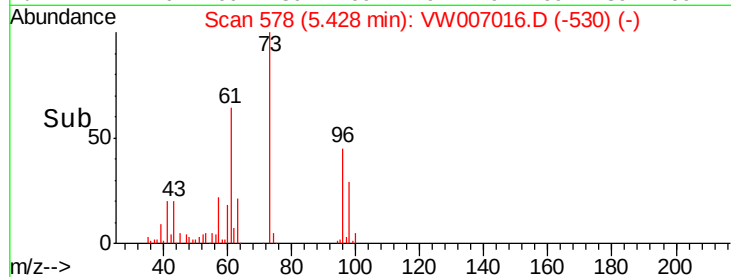
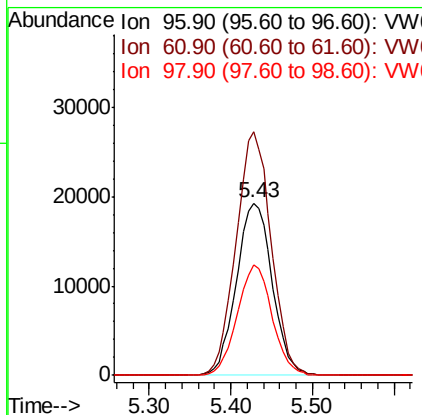
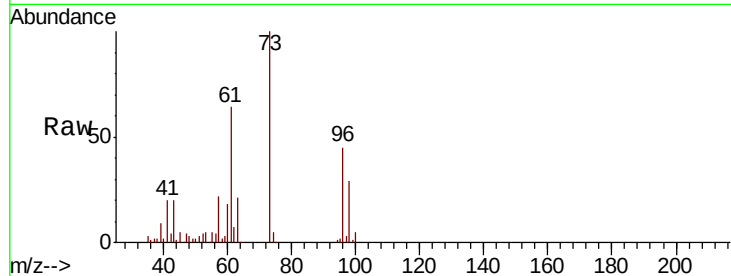
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	58617
Ion	Ratio	Lower	Upper
96	100		
61	141.4	109.4	164.0
98	64.1	48.3	72.5

Manual Integrations
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#22

Diisopropyl ether

Concen: 57.675 ug/l

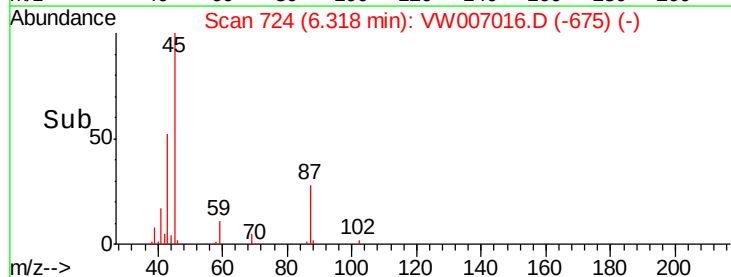
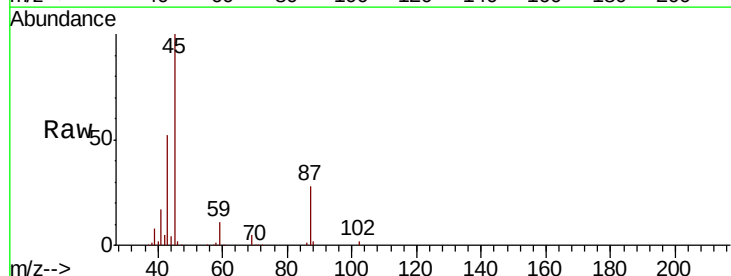
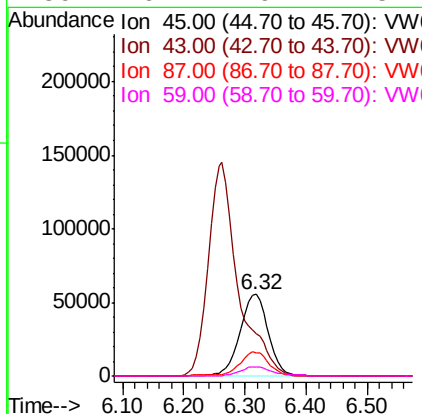
RT: 6.32 min Scan# 724

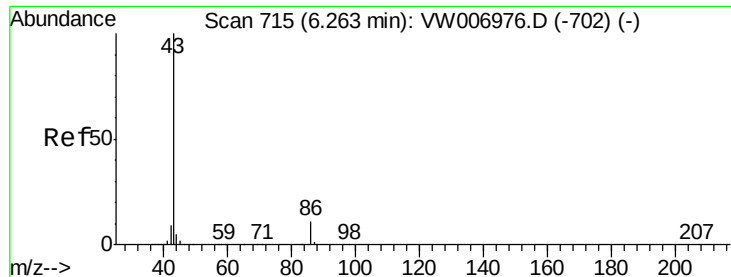
Delta R.T. 0.00 min

Lab File: VW007016.D

Acq: 21 Nov 2018 22:38

Tgt Ion:	45	Resp:	177009
Ion	Ratio	Lower	Upper
45	100		
43	51.9	42.5	63.7
87	27.8	22.8	34.2
59	10.7	9.1	13.7





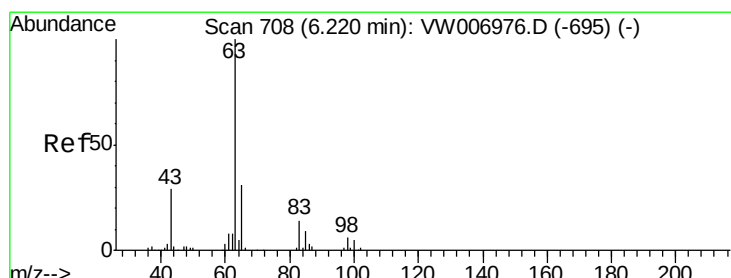
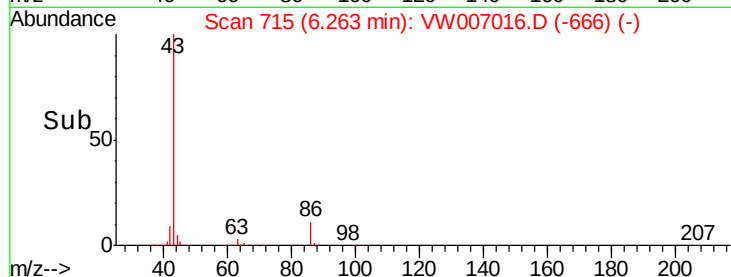
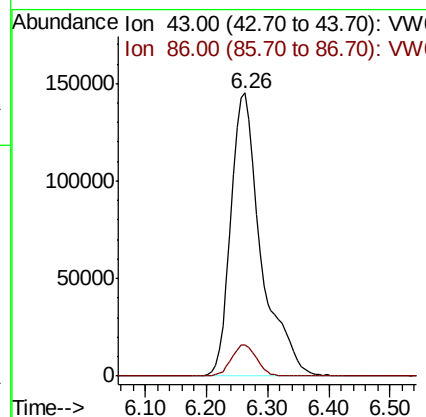
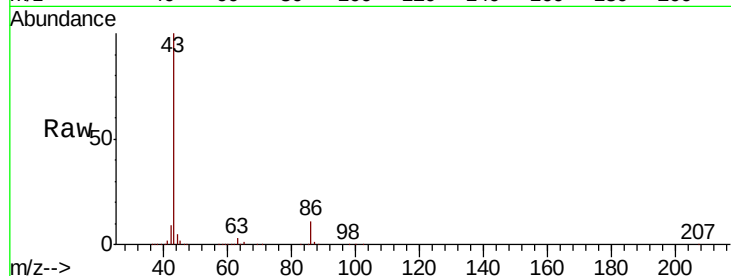
#23
 Vinyl Acetate
 Concen: 303.496 ug/l
 RT: 6.26 min Scan# 715
 Delta R.T. 0.00 min
 Lab File: VW007016.D
 Acq: 21 Nov 2018 22:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	43	Resp	494642
Ion Ratio	100	Lower	Upper
43	100		
86	10.9	8.7	13.1

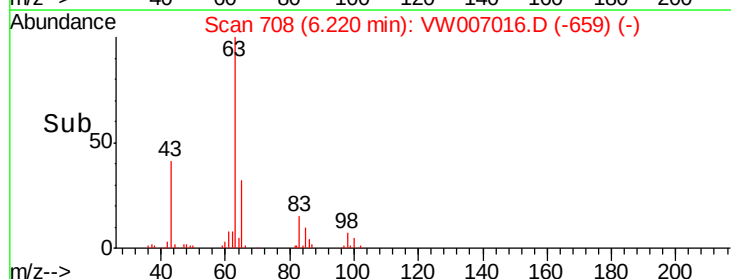
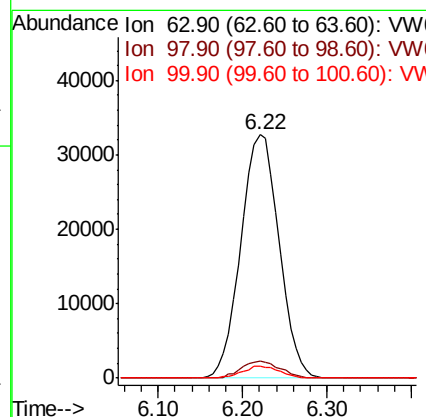
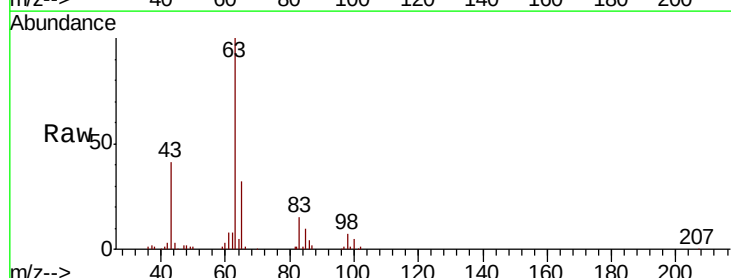
Manual Integrations
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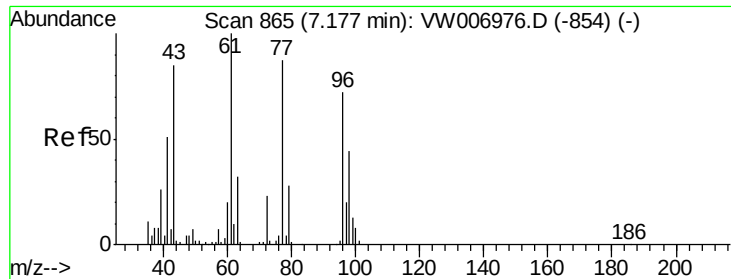
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#24
 1,1-Dichloroethane
 Concen: 53.920 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: VW007016.D
 Acq: 21 Nov 2018 22:38

Tgt Ion	63	Resp	100673
Ion Ratio	100	Lower	Upper
63	100		
98	7.1	3.1	9.4
100	4.8	2.3	6.9





#25

2-Butanone

Concen: 305.163 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW007016.D

Acq: 21 Nov 2018 22:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 78030

Ion Ratio Lower Upper

43 100

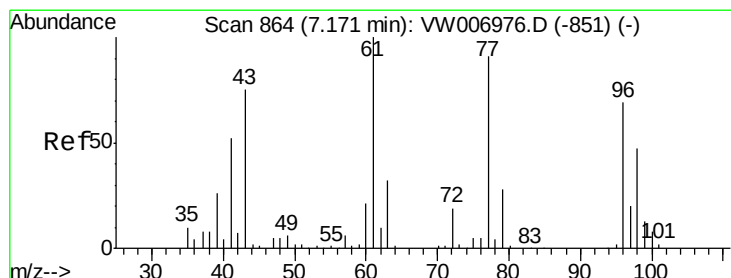
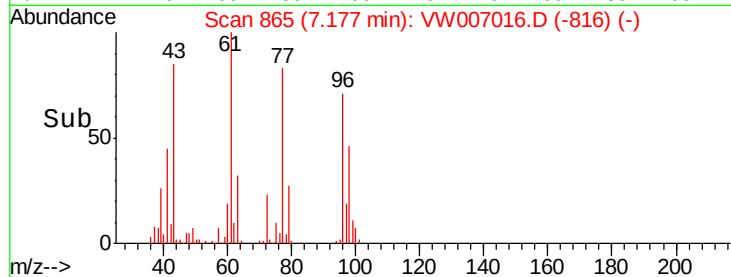
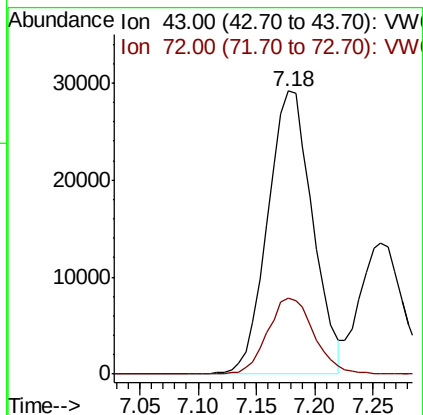
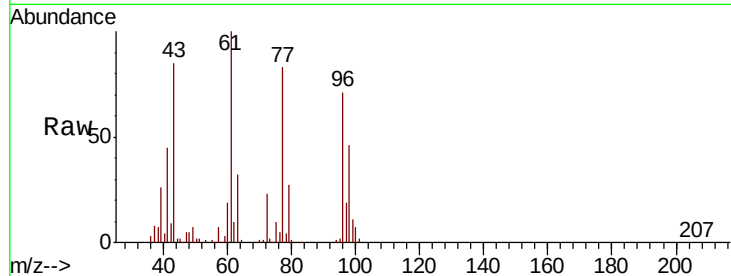
72 26.7 21.3 31.9

Manual Integrations

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11/26/2018 1:04:51 PM



#26

2,2-Dichloropropane

Concen: 51.120 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW007016.D

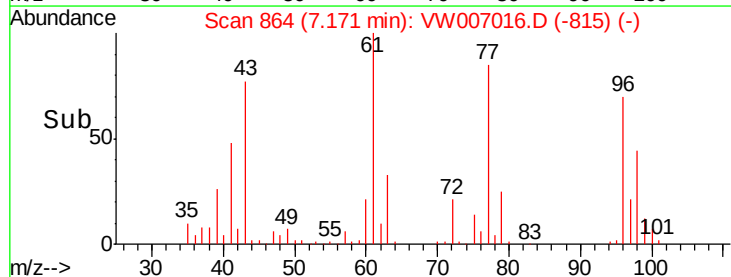
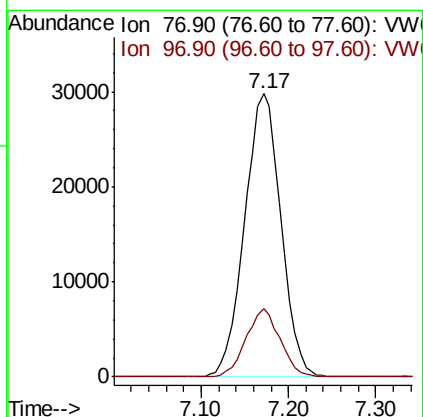
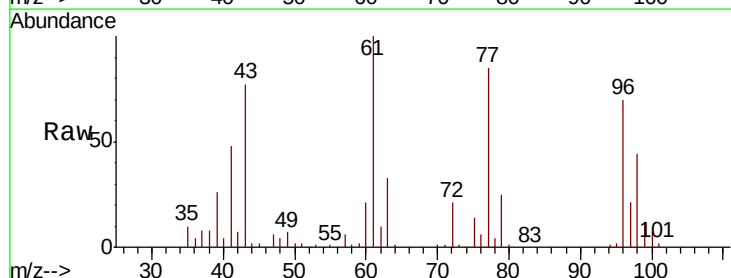
Acq: 21 Nov 2018 22:38

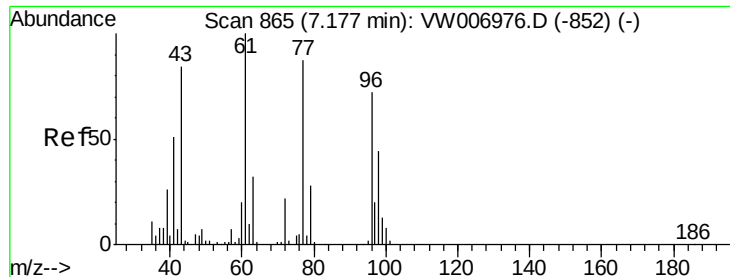
Tgt Ion: 77 Resp: 85829

Ion Ratio Lower Upper

77 100

97 22.7 11.4 34.1





#27

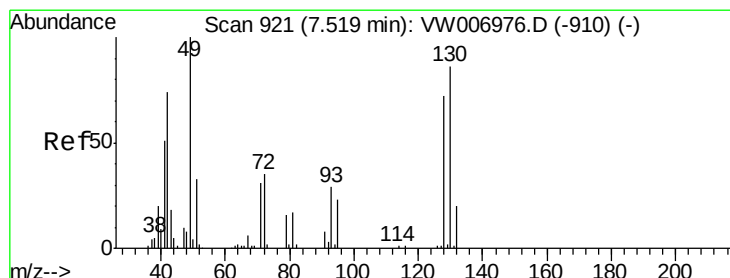
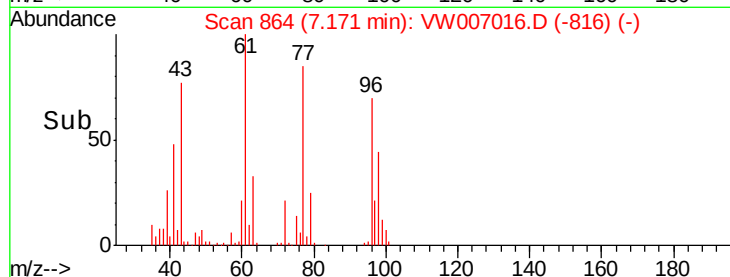
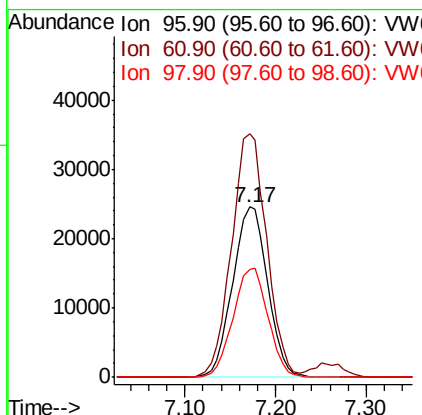
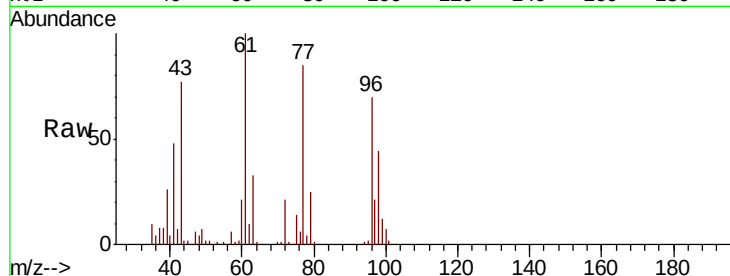
cis-1,2-Dichloroethene
Concen: 55.641 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW007016.D
Acq: 21 Nov 2018 22:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.4	0.0	292.6
98	63.9	0.0	129.8

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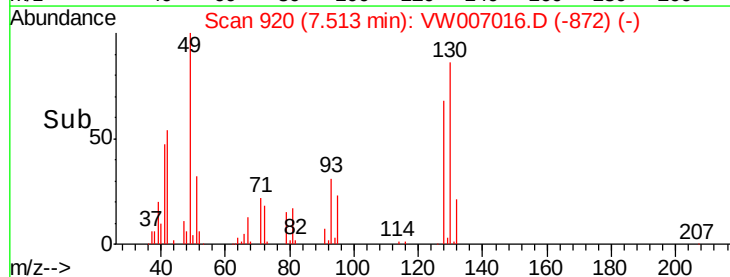
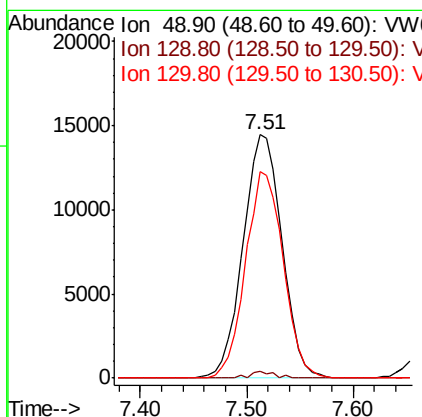
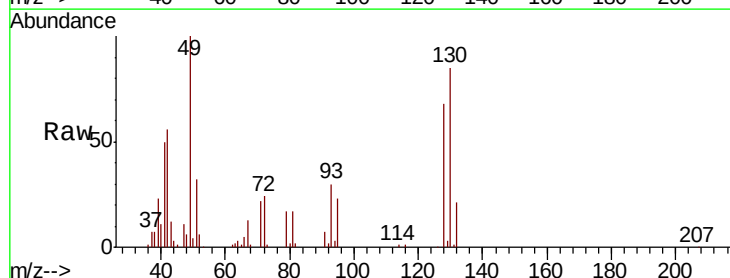
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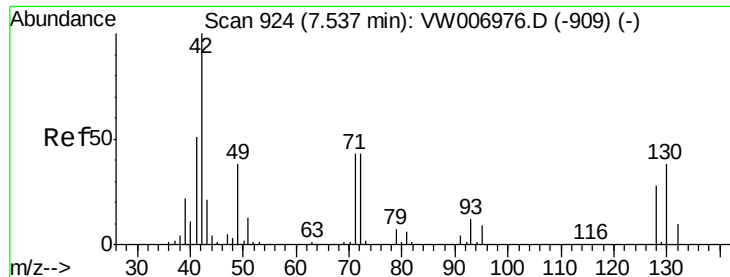


#28

Bromochloromethane
Concen: 53.193 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW007016.D
Acq: 21 Nov 2018 22:38

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	2.0
130	82.4	69.0	103.4





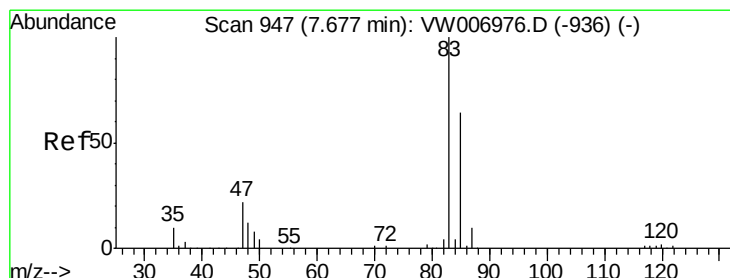
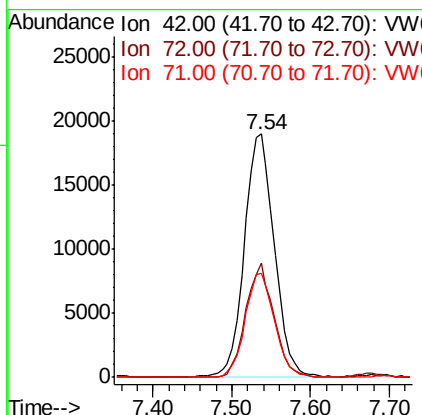
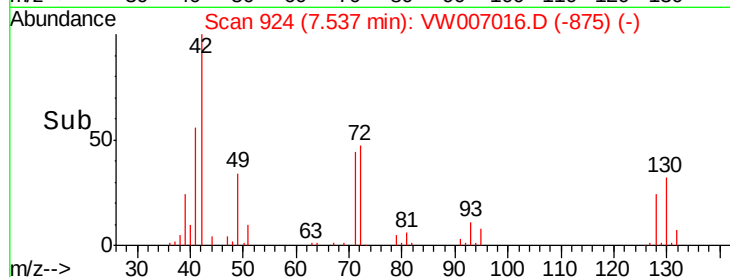
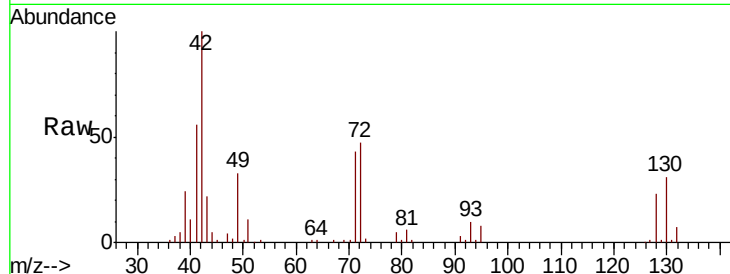
#29
Tetrahydrofuran
Concen: 303.979 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW007016.D
Acq: 21 Nov 2018 22:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.7	36.2	54.4
71	41.7	33.8	50.8

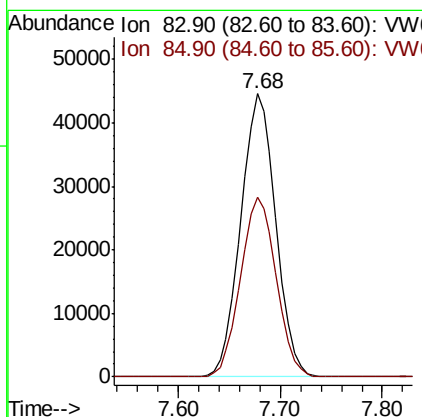
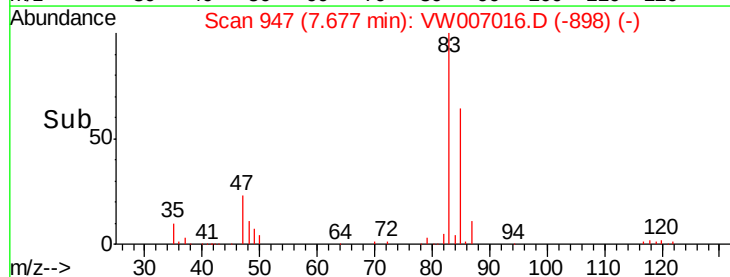
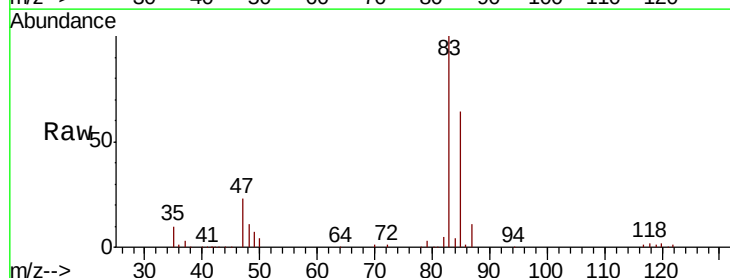
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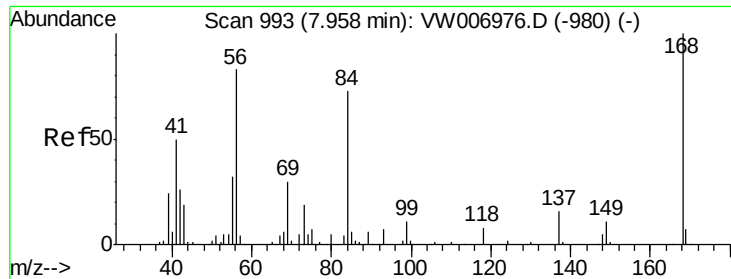
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#30
Chloroform
Concen: 53.637 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW007016.D
Acq: 21 Nov 2018 22:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.9	76.3





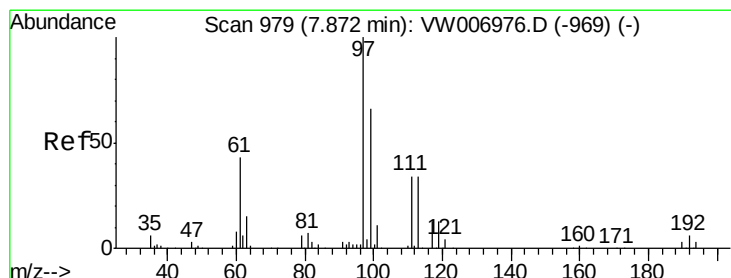
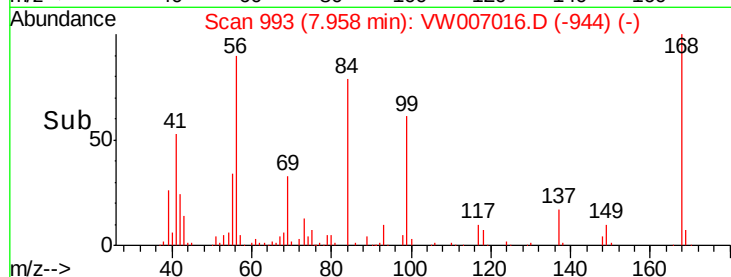
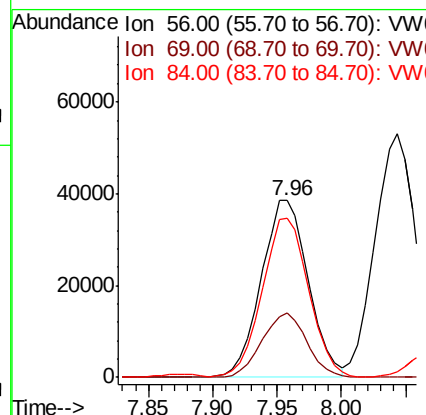
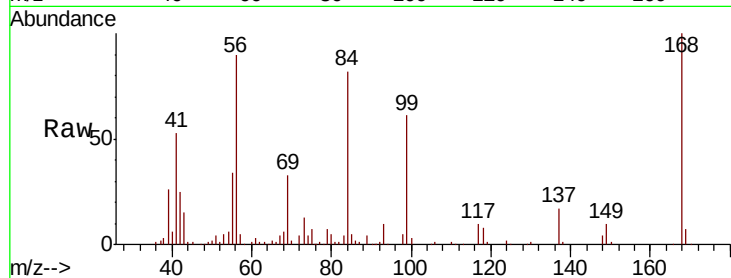
#31
Cyclohexane
Concen: 49.375 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW007016.D
Acq: 21 Nov 2018 22:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.3	29.1	43.7
84	88.7	70.6	105.8

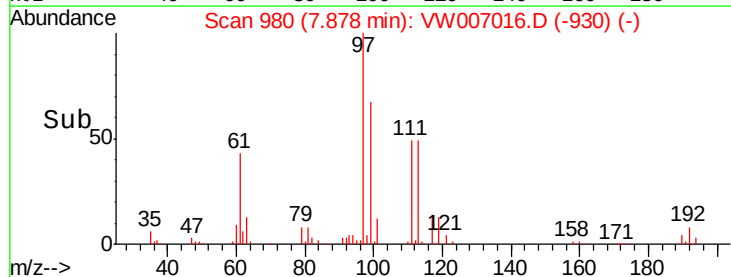
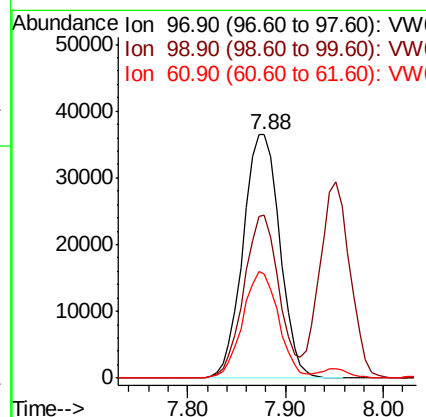
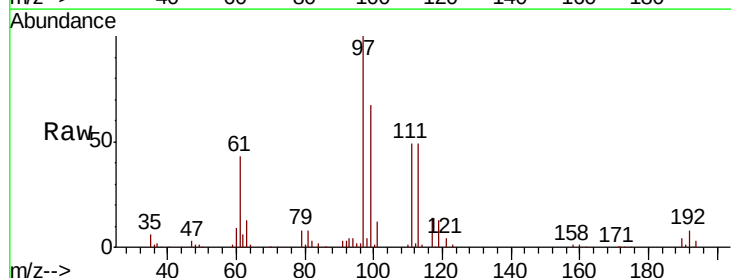
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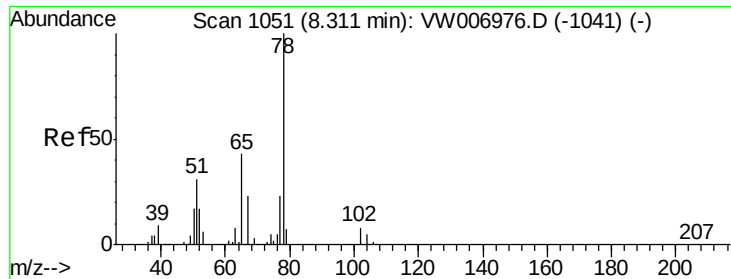
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#32
1,1,1-Trichloroethane
Concen: 53.270 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.01 min
Lab File: VW007016.D
Acq: 21 Nov 2018 22:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.9	77.9
61	42.8	33.4	50.2





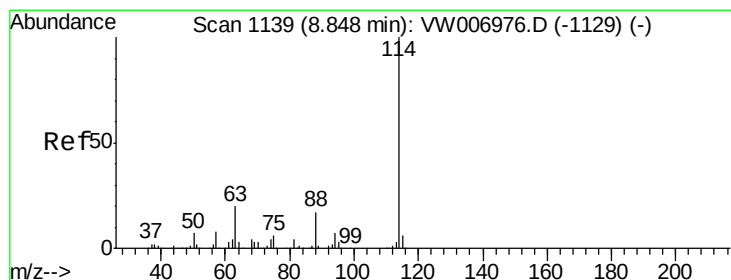
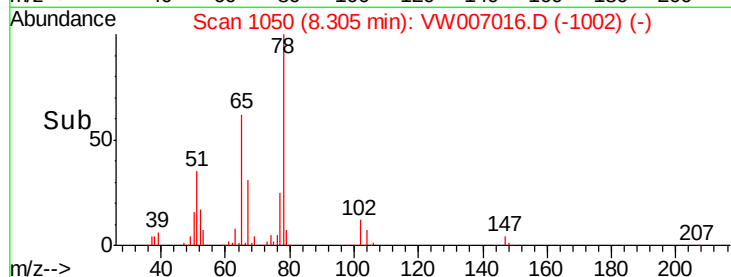
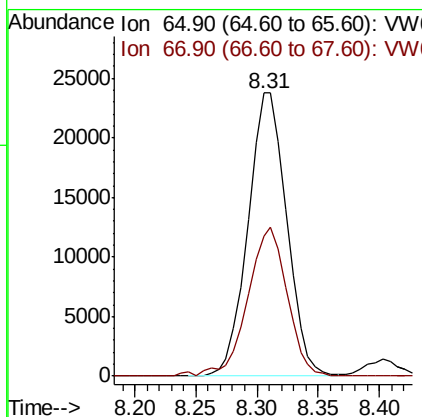
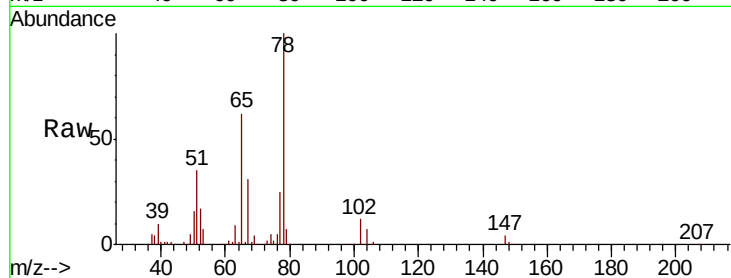
#33
 1,2-Dichloroethane-d4
 Concen: 50.978 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW007016.D
 Acq: 21 Nov 2018 22:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	106.2

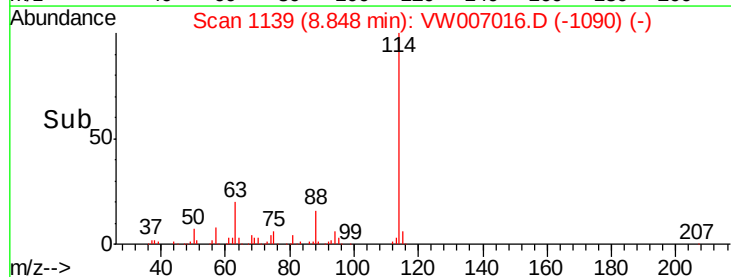
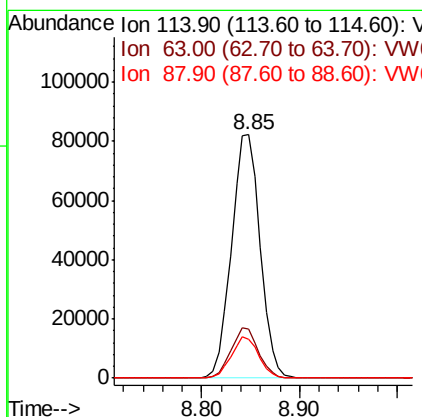
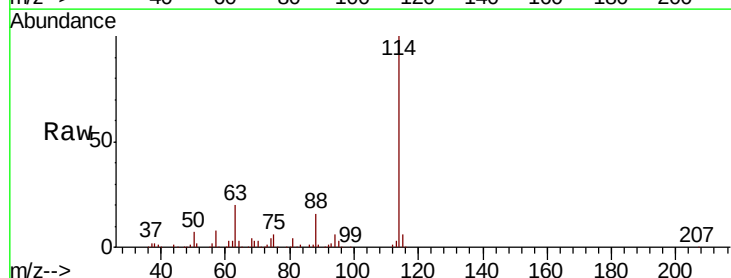
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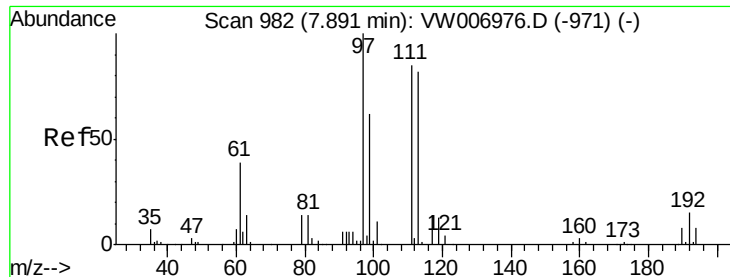
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW007016.D
 Acq: 21 Nov 2018 22:38

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.4
88	15.8	0.0	34.2





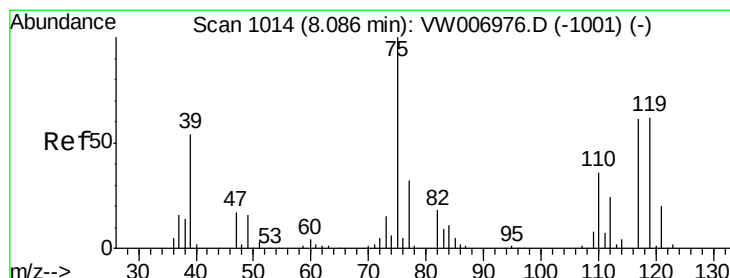
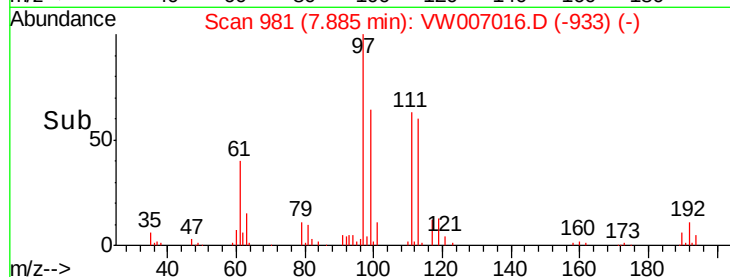
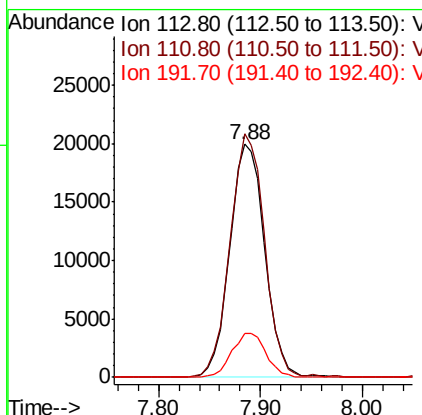
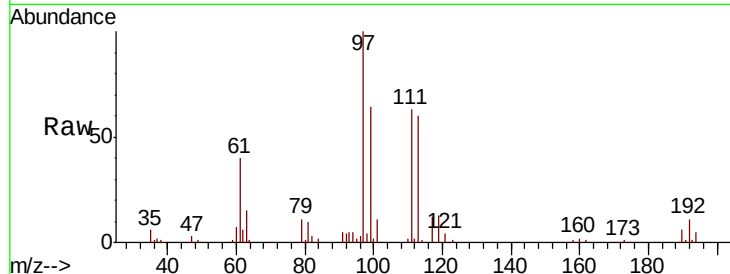
#35
Dibromofluoromethane
Concen: 50.264 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW007016.D
Acq: 21 Nov 2018 22:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.0	121.6
192	18.5	15.0	22.6

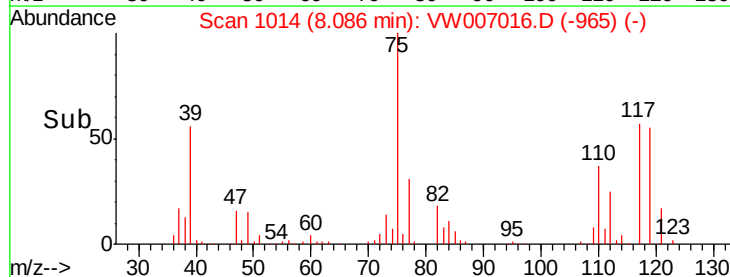
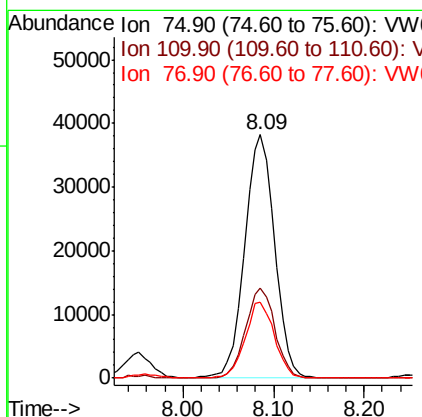
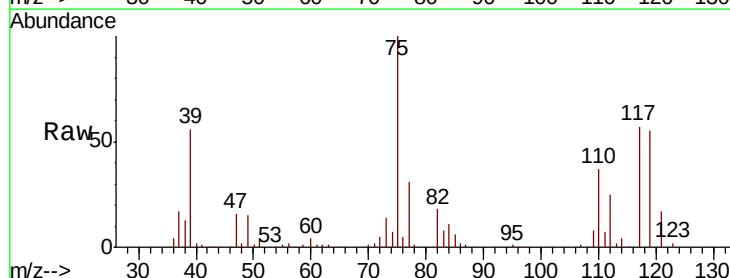
Manual Integrations
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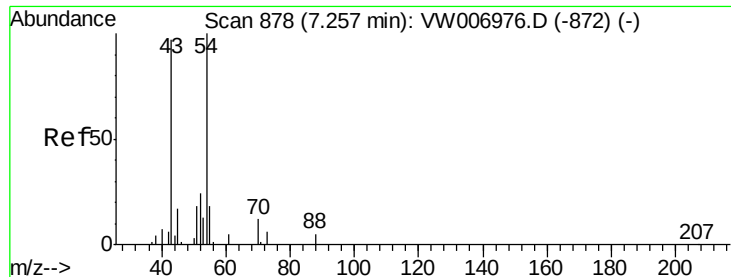
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#36
1,1-Dichloropropene
Concen: 53.500 ug/l
RT: 8.09 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VW007016.D
Acq: 21 Nov 2018 22:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.4	18.0	54.0
77	30.6	24.9	37.3





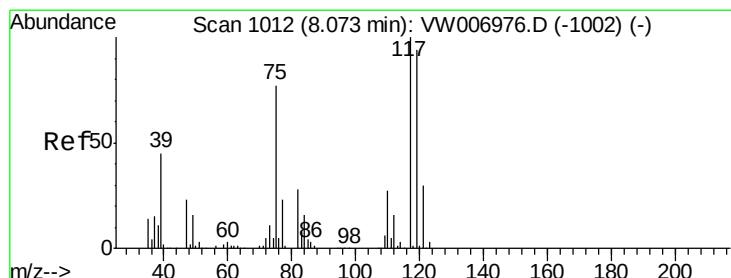
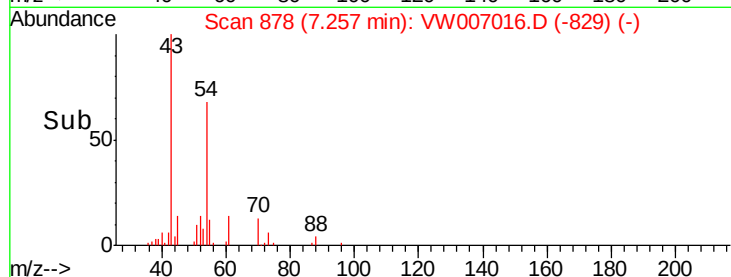
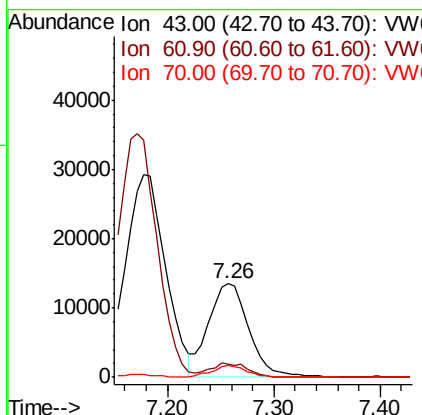
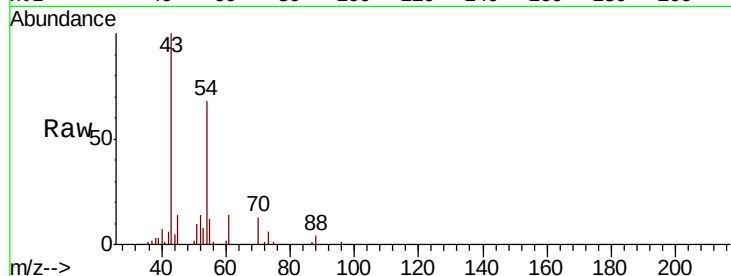
#37
Ethyl Acetate
Concen: 60.216 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW007016.D
Acq: 21 Nov 2018 22:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	10.4	15.6
70	10.9	8.8	13.2

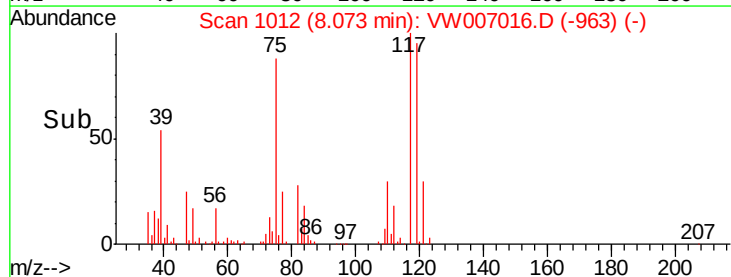
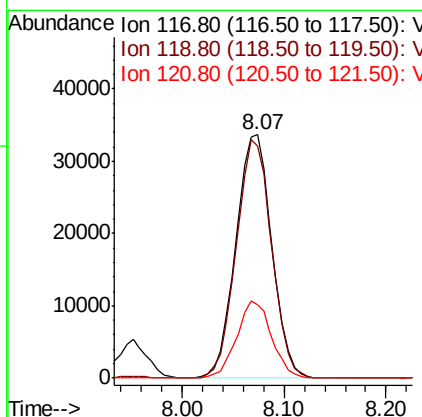
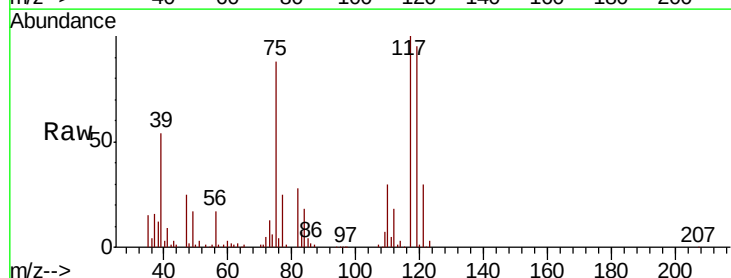
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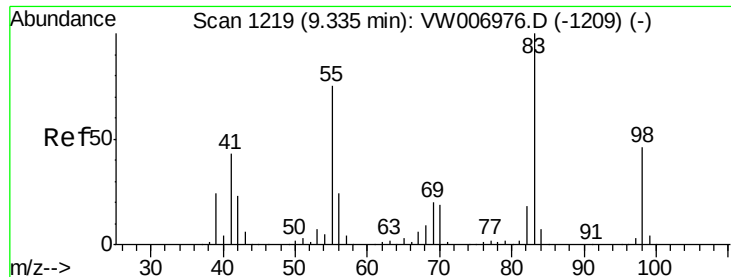
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#38
Carbon Tetrachloride
Concen: 52.738 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW007016.D
Acq: 21 Nov 2018 22:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	74.9	112.3
121	30.0	23.6	35.4





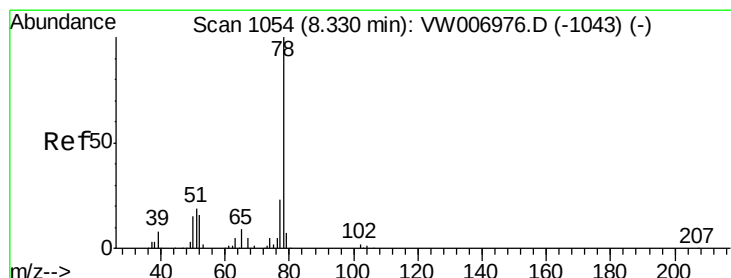
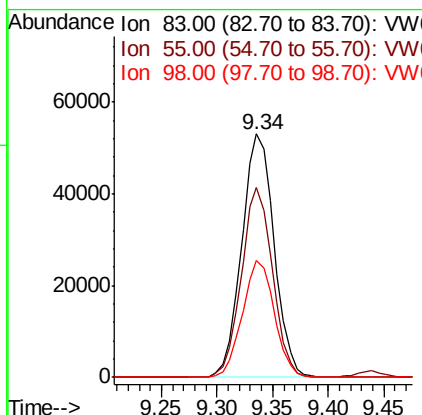
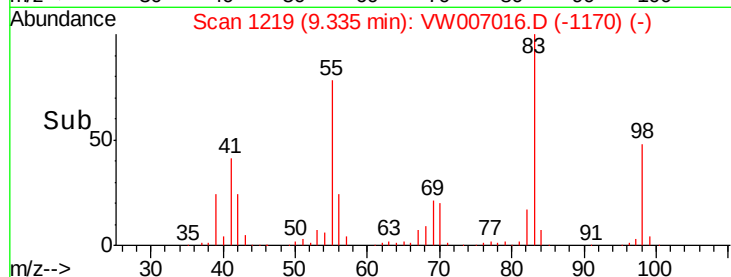
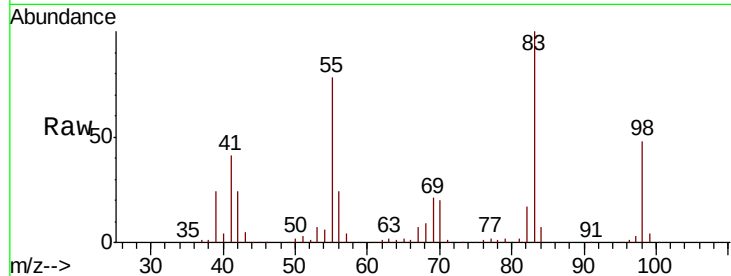
#39
Methylvlcyclohexane
Concen: 52.620 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW007016.D
Acq: 21 Nov 2018 22:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.0	59.6	89.4
98	48.0	37.1	55.7

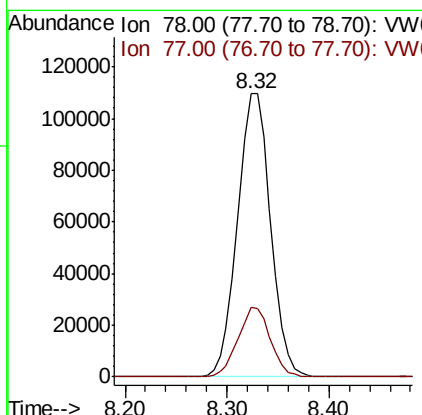
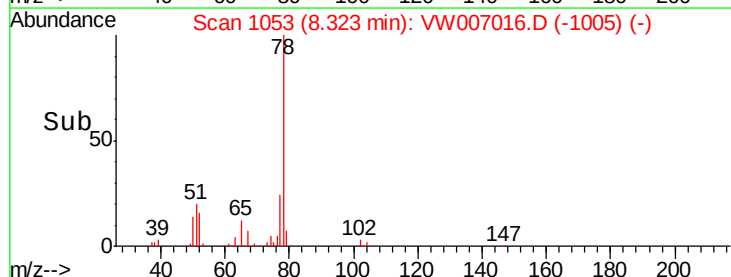
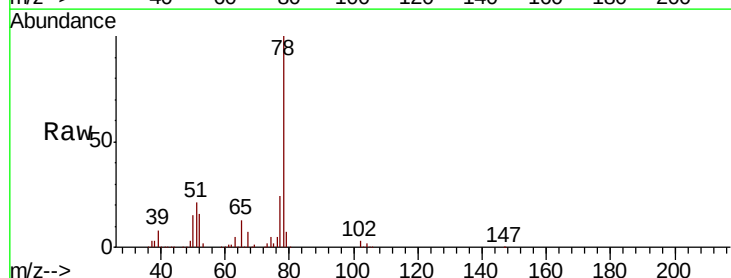
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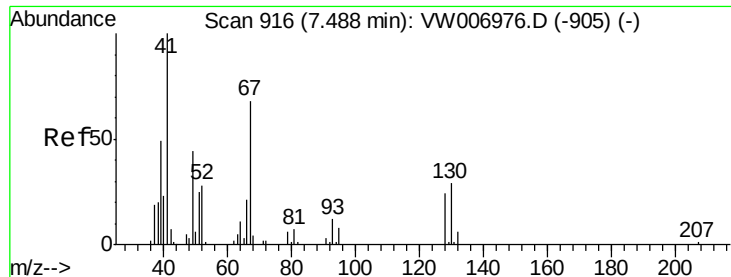
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#40
Benzene
Concen: 56.224 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW007016.D
Acq: 21 Nov 2018 22:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	18.6	28.0





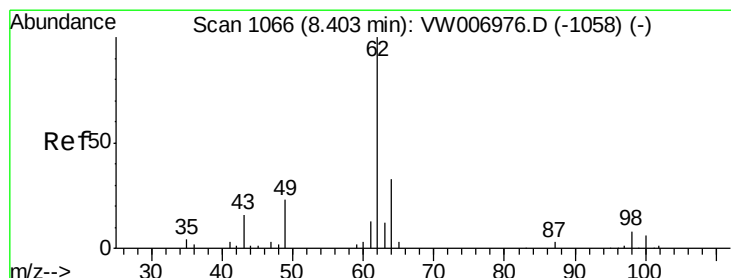
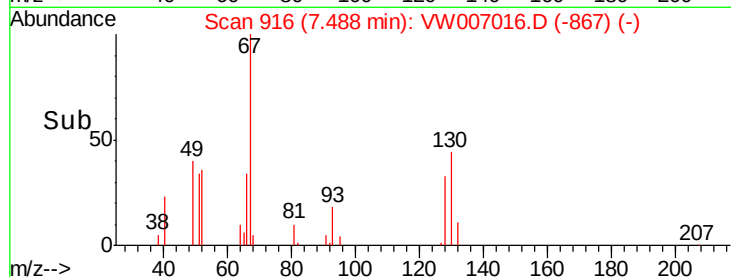
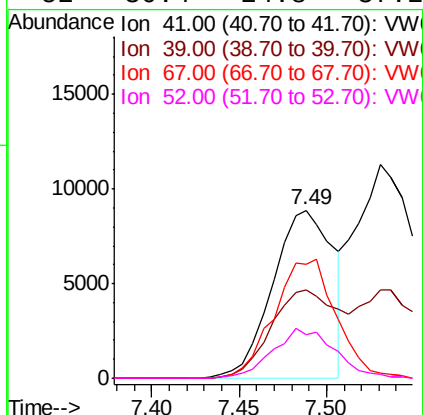
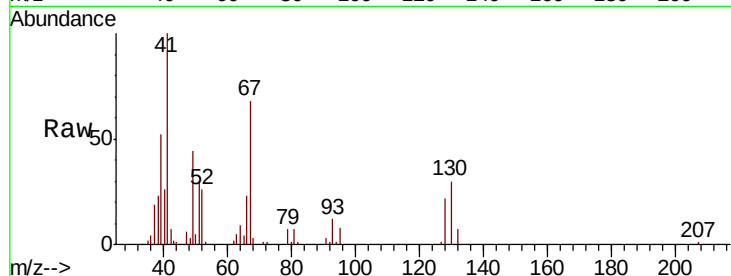
#41
Methacrylonitrile
Concen: 58.423 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW007016.D
Acq: 21 Nov 2018 22:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	21417
Ion	Ratio	Lower	Upper
41	100		
39	60.0	48.6	73.0
67	72.5	59.8	89.8
52	30.4	24.8	37.2

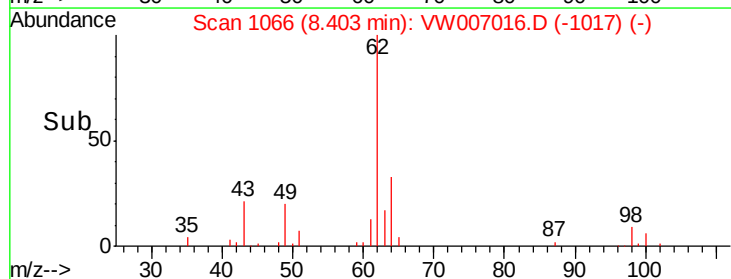
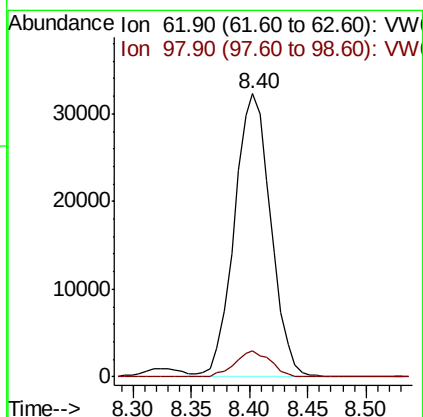
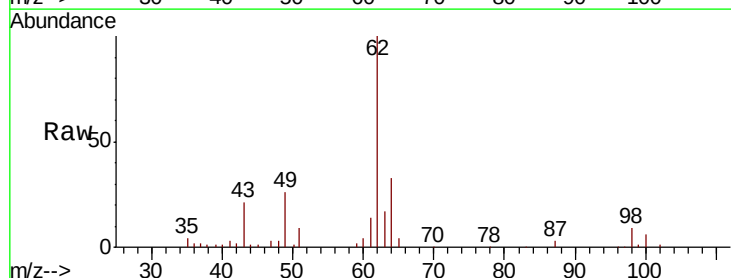
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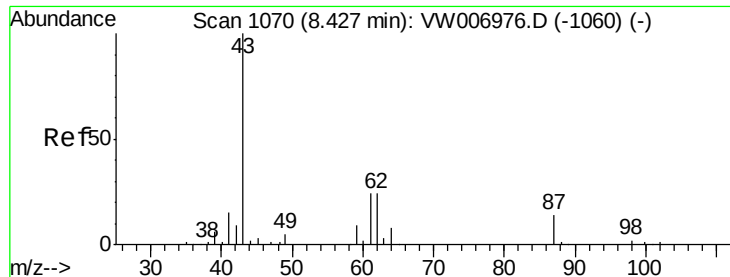
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#42
1,2-Dichloroethane
Concen: 55.081 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW007016.D
Acq: 21 Nov 2018 22:38

Tgt Ion	62	Resp	70317
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.6





#43

Isopropyl Acetate

Concen: 61.458 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW007016.D

Acq: 21 Nov 2018 22:38

Instrument :

MSVOA_W

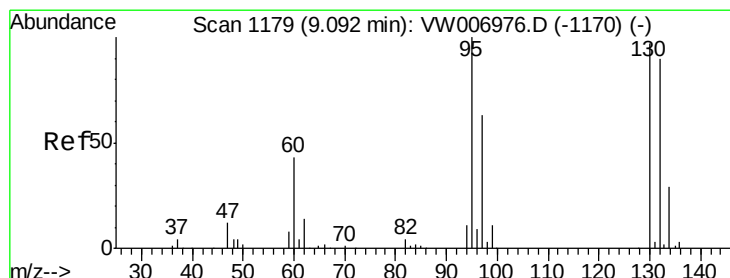
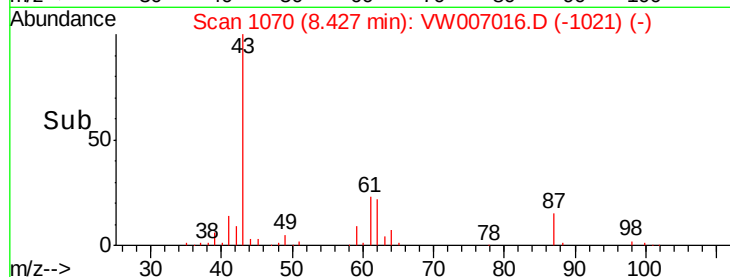
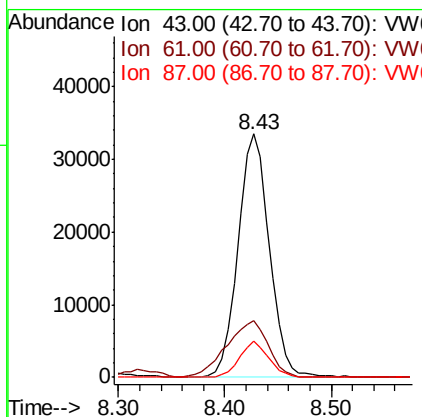
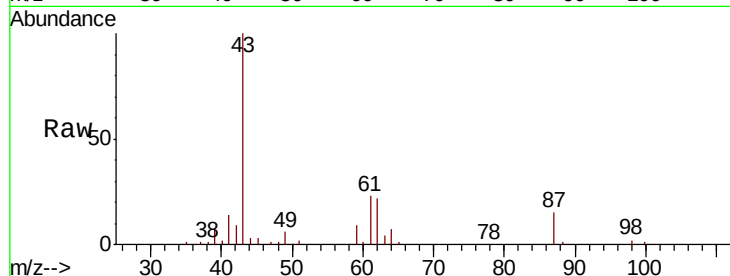
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	69133
Ion	Ratio	Lower	Upper
43	100		
61	30.6	26.1	39.1
87	13.8	11.2	16.8

Manual Integrations
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#44

Trichloroethene

Concen: 55.982 ug/l

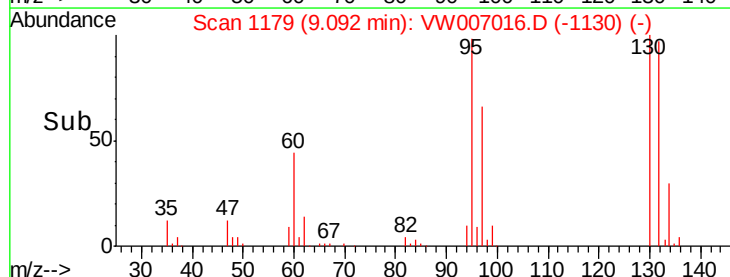
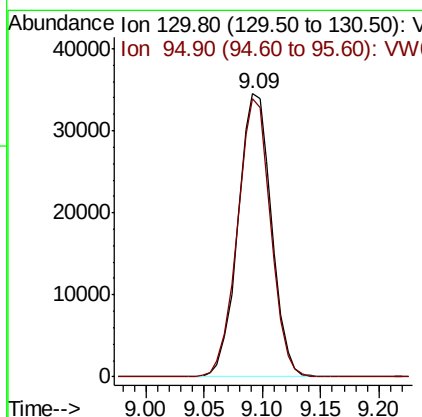
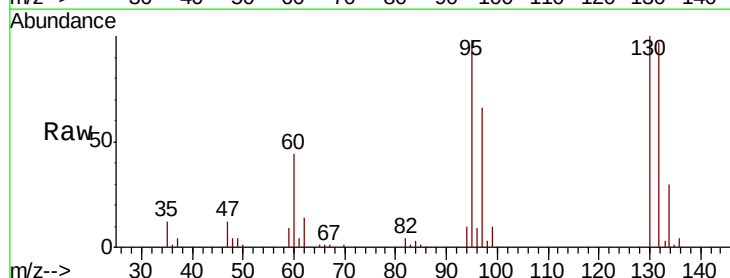
RT: 9.09 min Scan# 1179

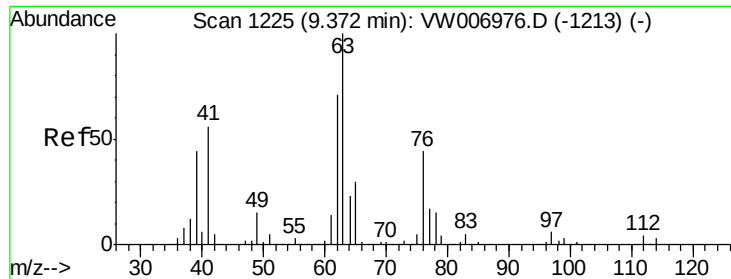
Delta R.T. 0.00 min

Lab File: VW007016.D

Acq: 21 Nov 2018 22:38

Tgt Ion:	130	Resp:	69004
Ion	Ratio	Lower	Upper
130	100		
95	98.2	0.0	206.4





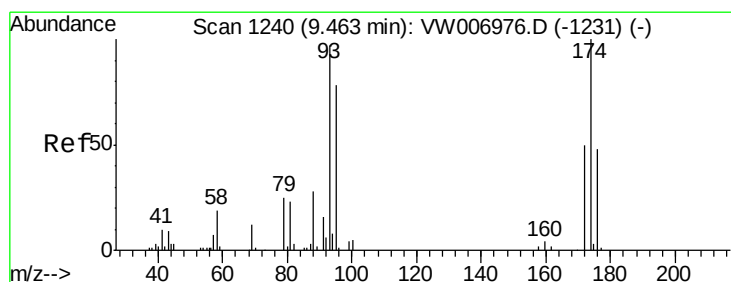
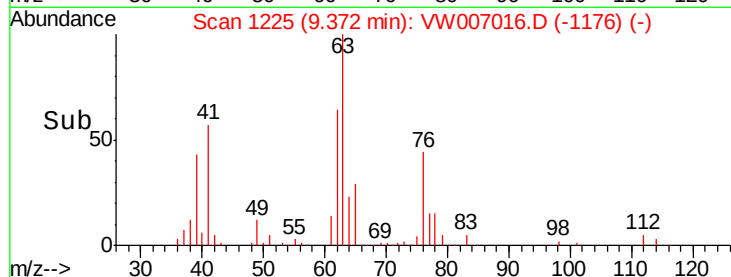
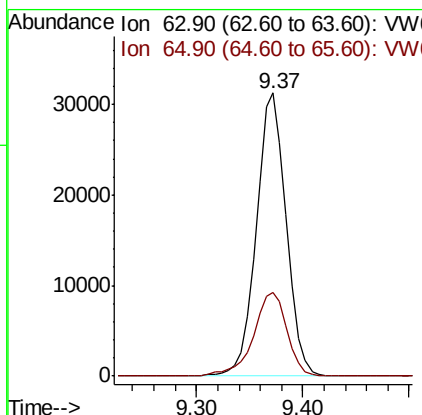
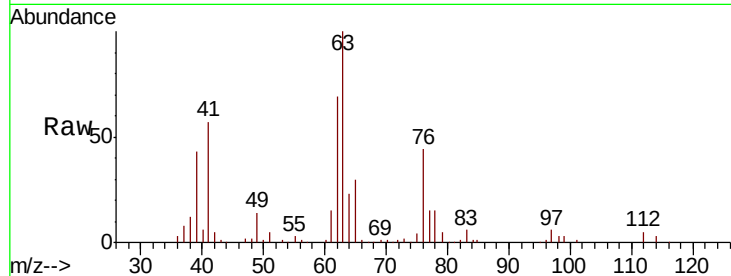
#45
 1,2-Dichloropropane
 Concen: 56.473 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW007016.D
 Acq: 21 Nov 2018 22:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 61212
 Ion Ratio Lower Upper
 63 100
 65 29.7 24.4 36.6

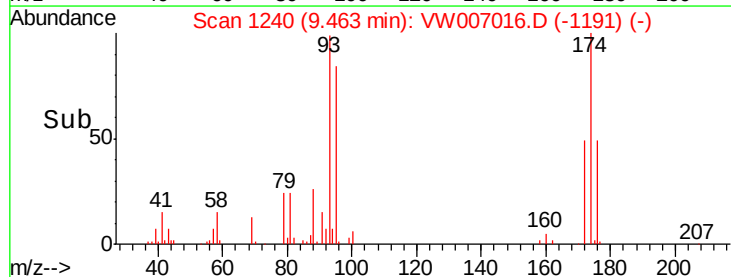
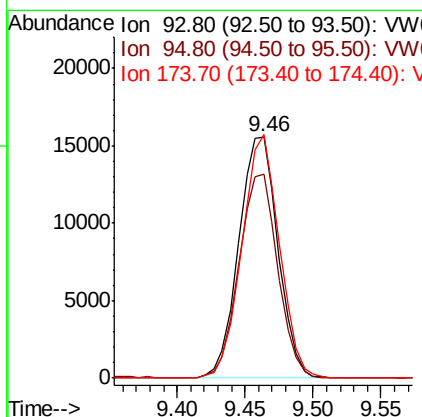
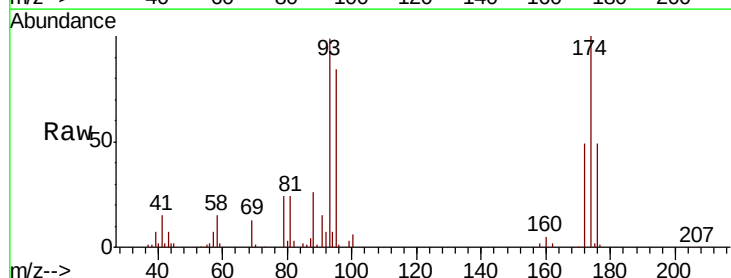
Manual Integrations
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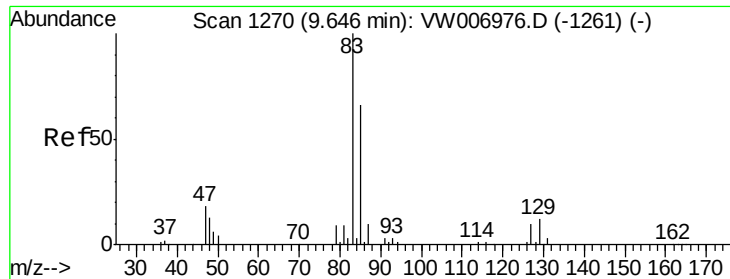
MMDadoda
 11/26/2018 1:04:51 PM



#46
 Dibromomethane
 Concen: 57.774 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW007016.D
 Acq: 21 Nov 2018 22:38

Tgt Ion: 93 Resp: 31360
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.1 99.1
 174 96.4 79.7 119.5





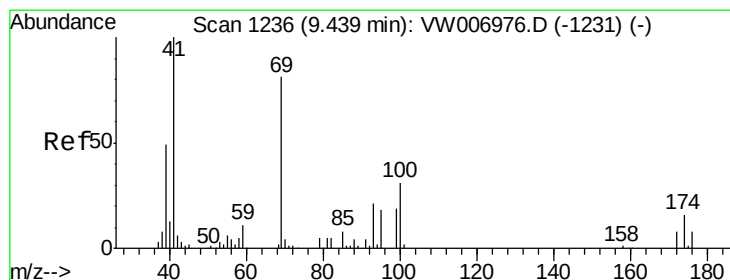
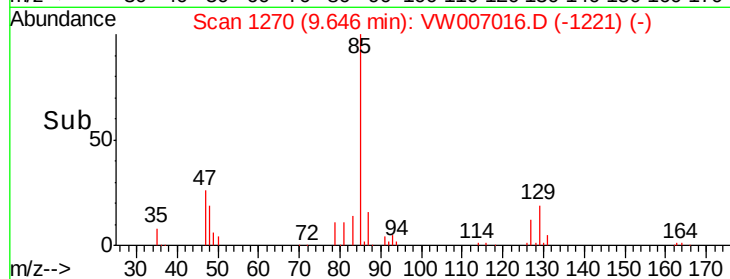
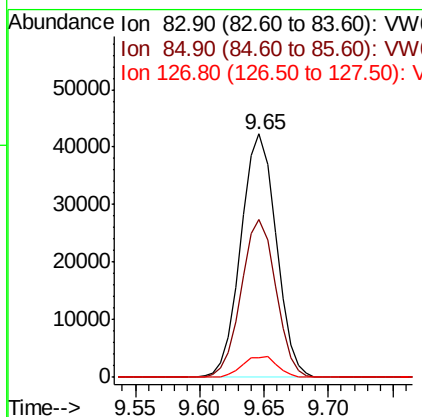
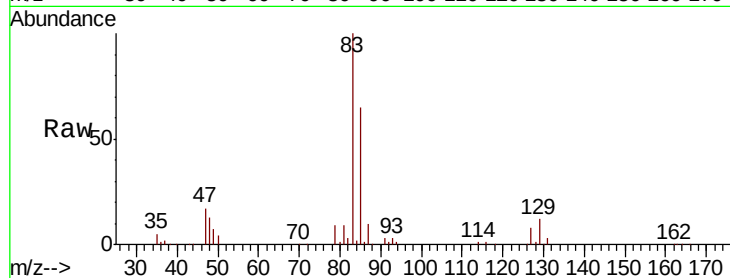
#47
Bromodichloromethane
Concen: 56.189 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW007016.D
Acq: 21 Nov 2018 22:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.9	79.3
127	7.8	7.8	11.6

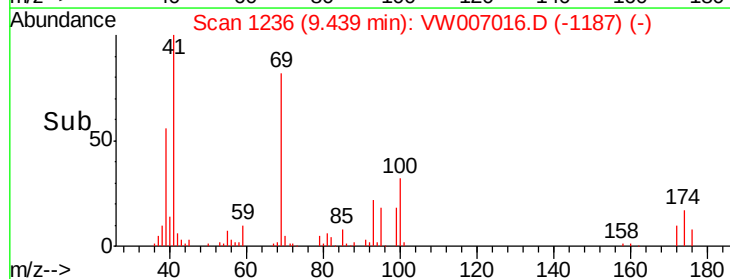
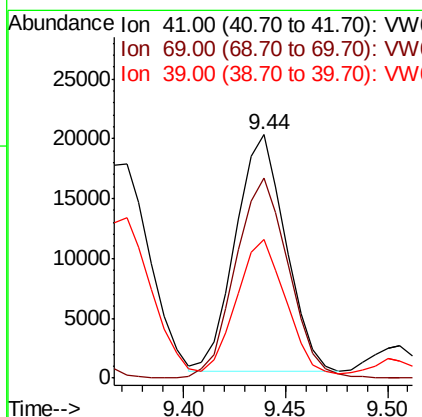
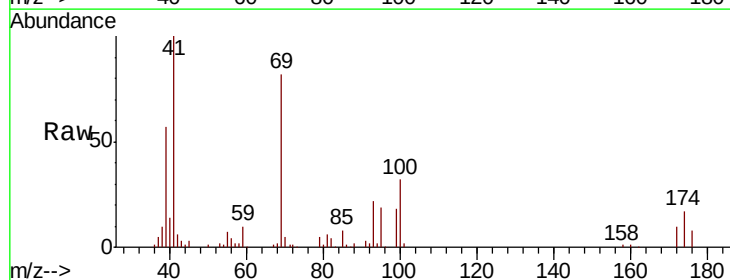
Manual Integrations
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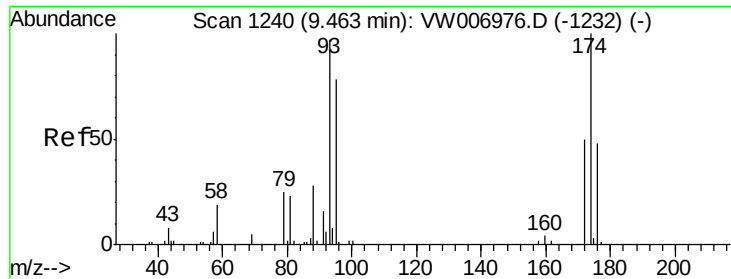
MMDadoda
11/26/2018 1:04:51 PM



#48
Methyl methacrylate
Concen: 62.430 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW007016.D
Acq: 21 Nov 2018 22:38

Tgt Ion	Ratio	Lower	Upper
41	100		
69	89.2	71.4	107.0
39	55.1	44.8	67.2





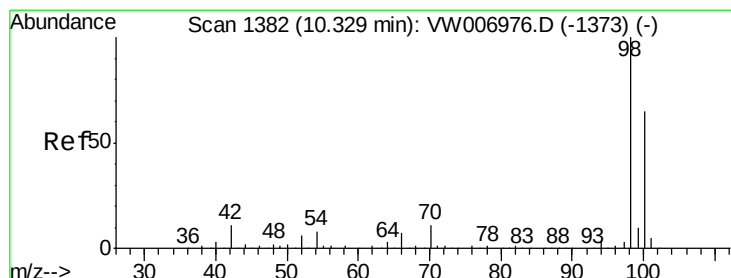
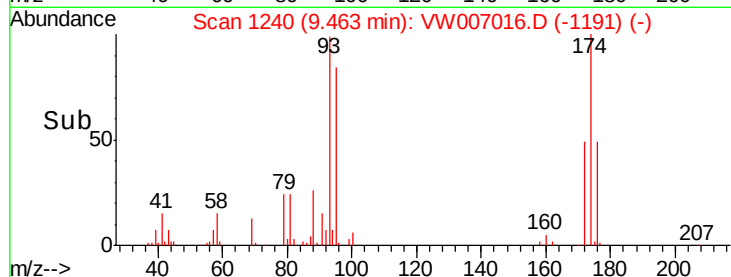
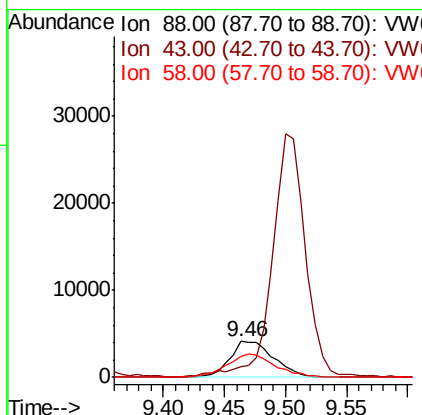
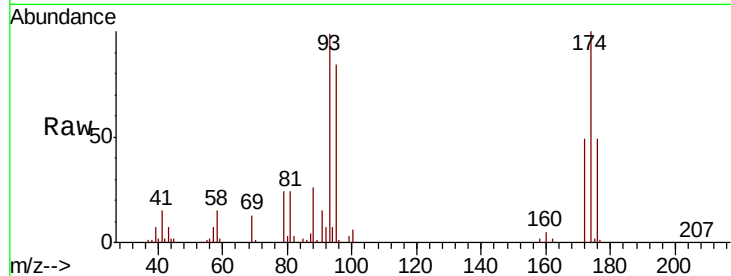
#49
1,4-Dioxane
Concen: 1273.956 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VW007016.D
Acq: 21 Nov 2018 22:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	10278
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	70.4	59.0	88.6

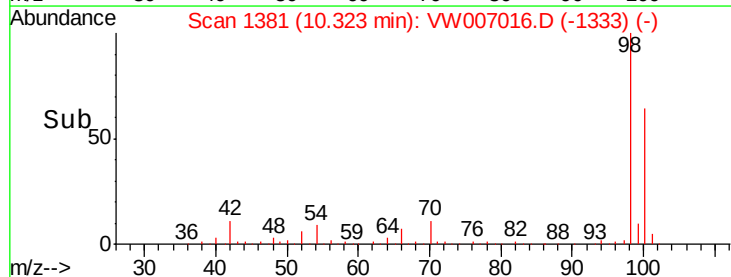
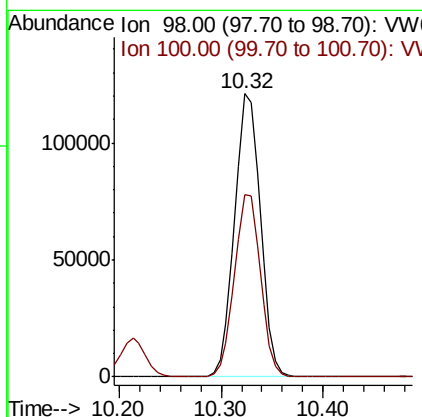
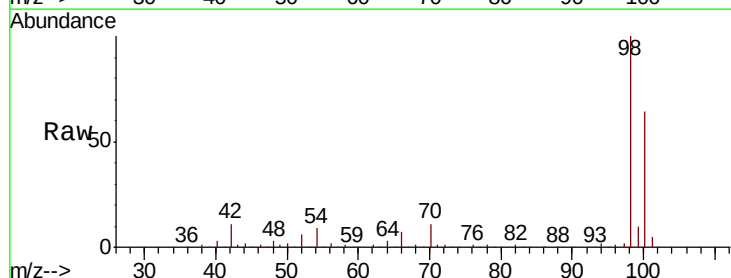
Manual Integrations
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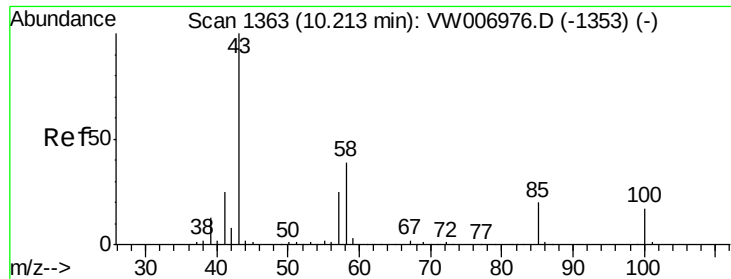
MMDadoda
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#50
Toluene-d8
Concen: 51.051 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW007016.D
Acq: 21 Nov 2018 22:38

Tgt Ion	98	Resp	212218
Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.2	78.2





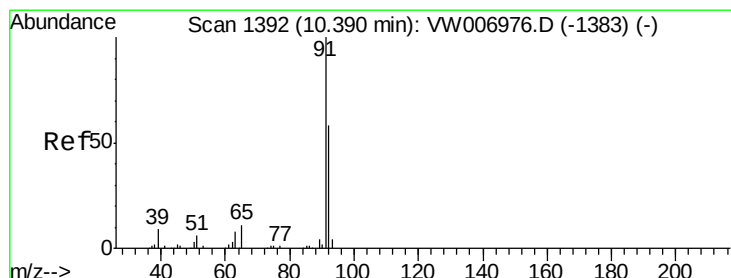
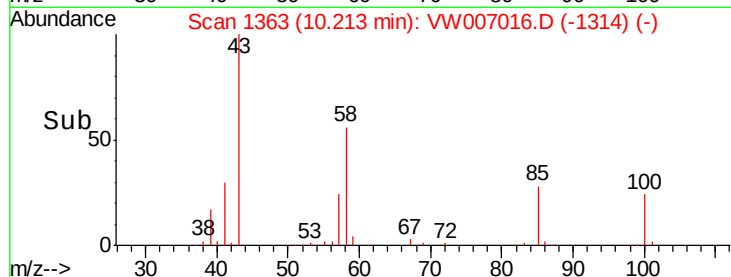
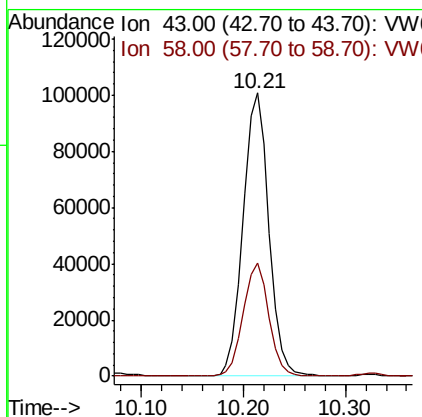
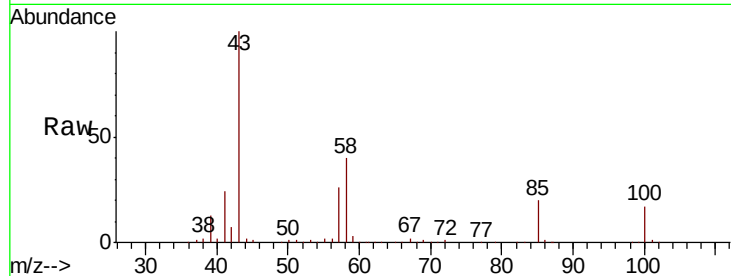
#51
4-Methyl-2-Pentanone
Concen: 311.011 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW007016.D
Acq: 21 Nov 2018 22:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 176800
Ion Ratio Lower Upper
43 100
58 39.8 31.8 47.6

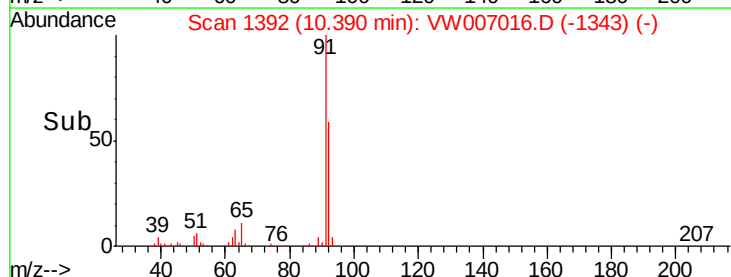
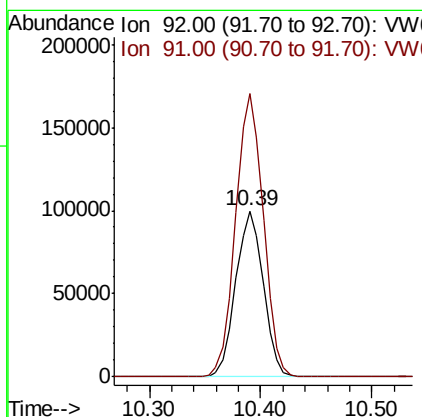
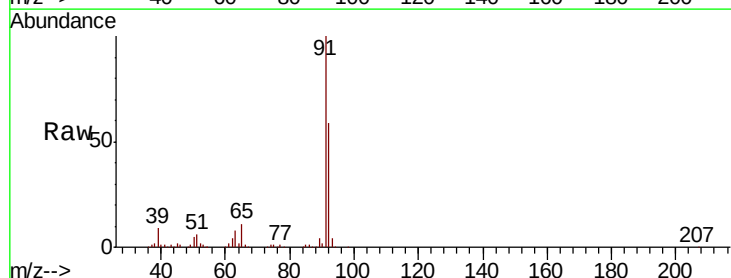
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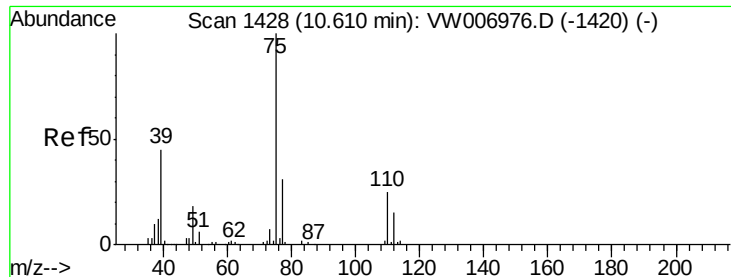
MMDadoda
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#52
Toluene
Concen: 57.146 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW007016.D
Acq: 21 Nov 2018 22:38

Tgt Ion: 92 Resp: 171006
Ion Ratio Lower Upper
92 100
91 171.5 137.3 205.9





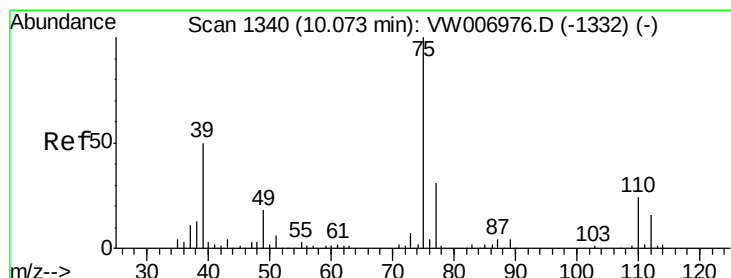
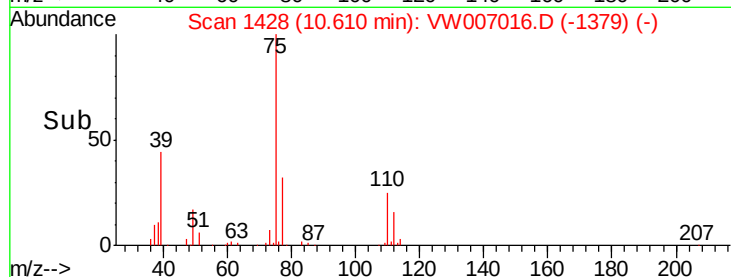
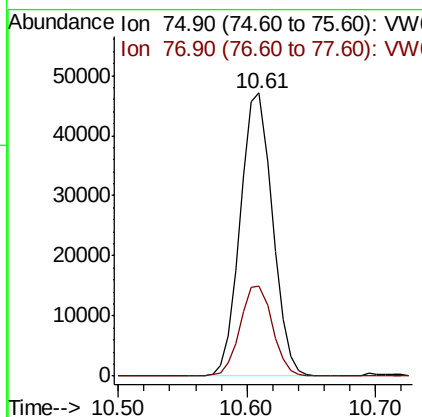
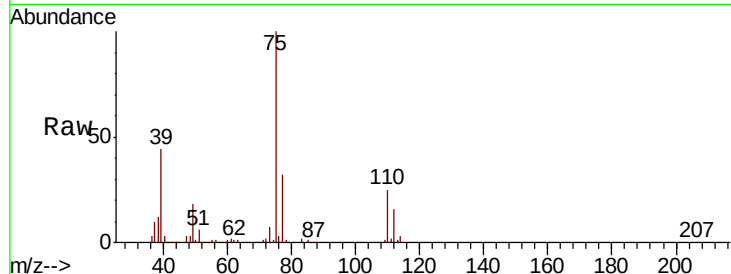
#53
t-1,3-Dichloropropene
Concen: 58.947 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW007016.D
Acq: 21 Nov 2018 22:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 81665
Ion Ratio Lower Upper
75 100
77 31.6 24.7 37.1

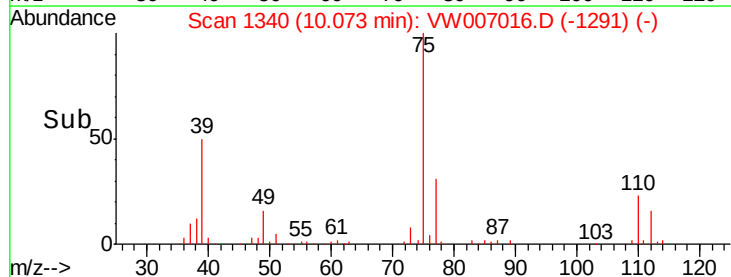
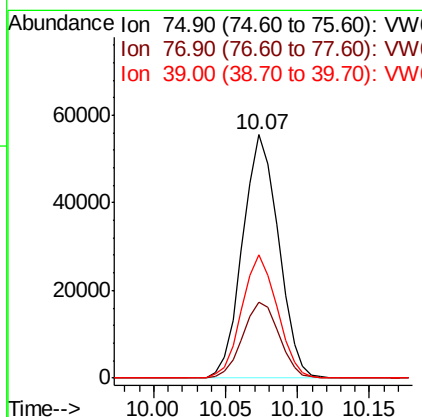
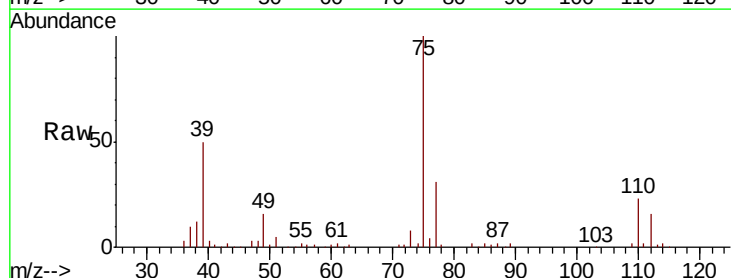
Manual Integrations
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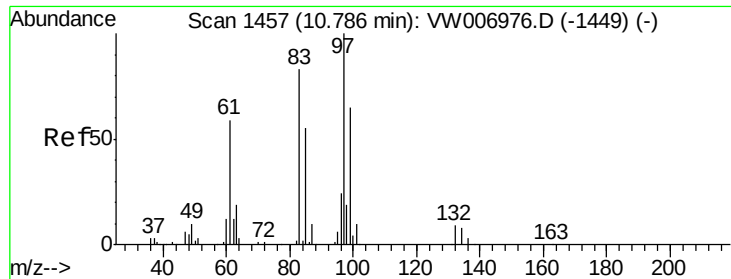
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#54
cis-1,3-Dichloropropene
Concen: 57.475 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW007016.D
Acq: 21 Nov 2018 22:38

Tgt Ion: 75 Resp: 96199
Ion Ratio Lower Upper
75 100
77 31.2 25.0 37.6
39 50.5 39.9 59.9





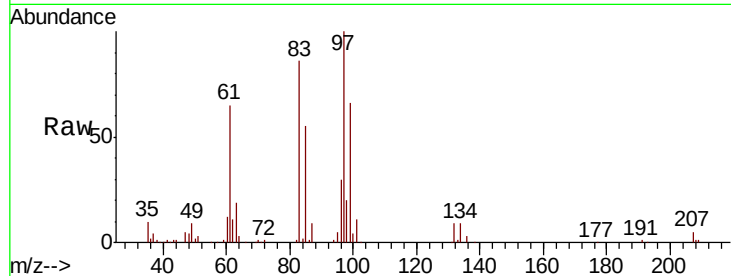
#55
1,1,2-Trichloroethane
Concen: 57.085 ug/l
RT: 10.79 min Scan# 1457
Delta R.T. 0.00 min
Lab File: VW007016.D
Acq: 21 Nov 2018 22:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	97	Resp	45589
Ion	Ratio	Lower	Upper
97	100		
83	86.1	66.4	99.6
85	54.9	44.1	66.1
99	65.9	51.7	77.5

Manual Integrations
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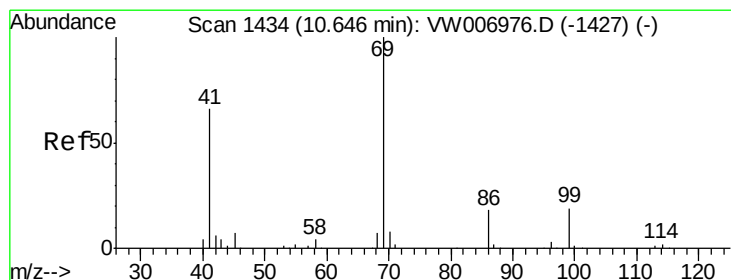
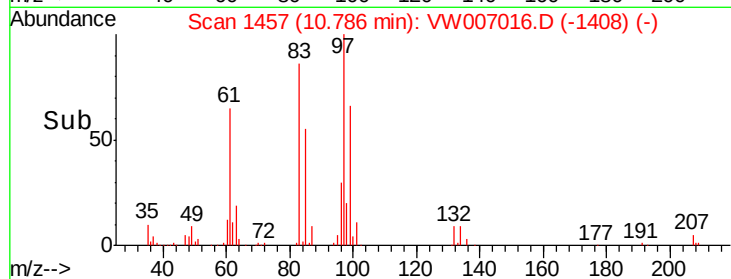
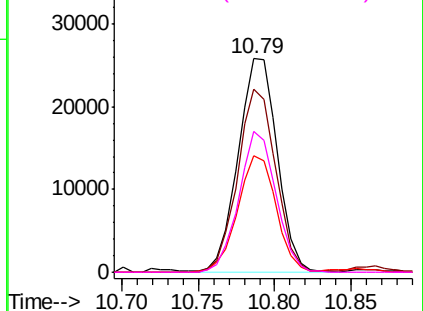
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

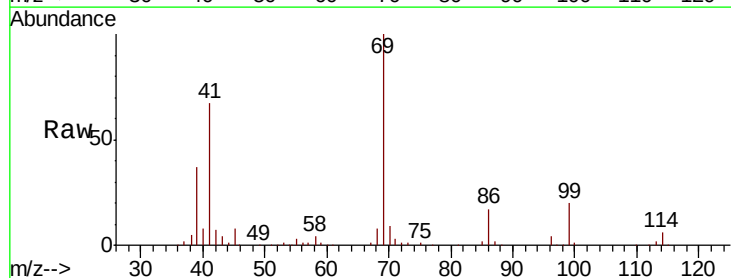
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
Ethyl methacrylate
Concen: 63.532 ug/l
RT: 10.65 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW007016.D
Acq: 21 Nov 2018 22:38

Tgt Ion	69	Resp	58895
Ion	Ratio	Lower	Upper
69	100		
41	66.6	53.4	80.0
39	34.6	28.2	42.4

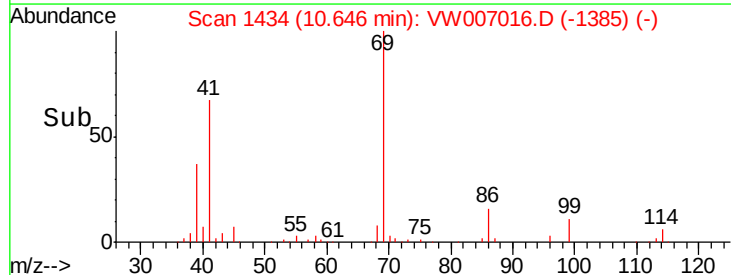
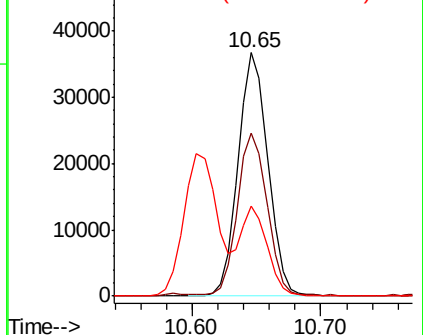


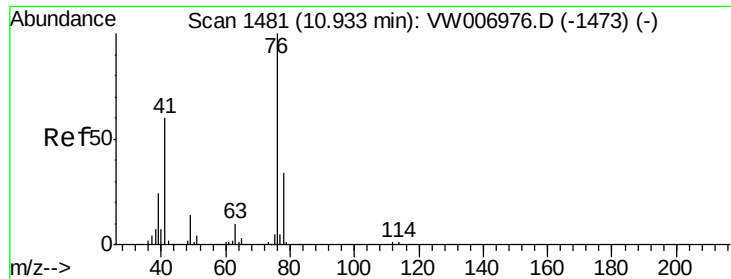
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





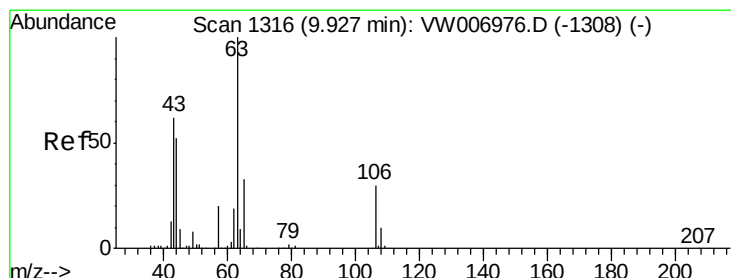
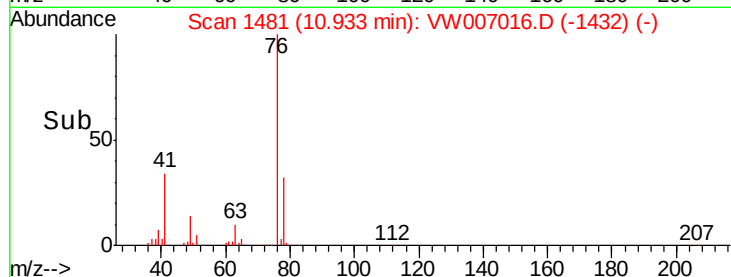
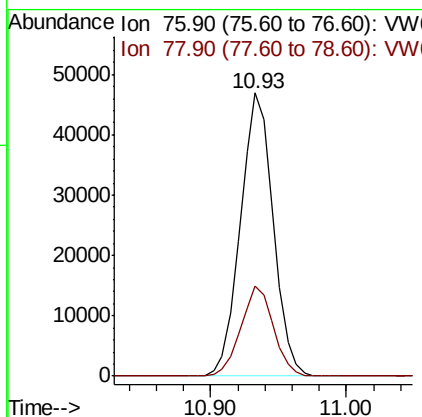
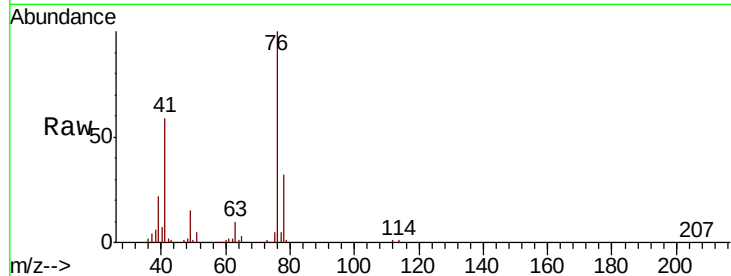
#57
 1,3-Dichloropropane
 Concen: 58.885 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW007016.D
 Acq: 21 Nov 2018 22:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 78807
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.8 38.6

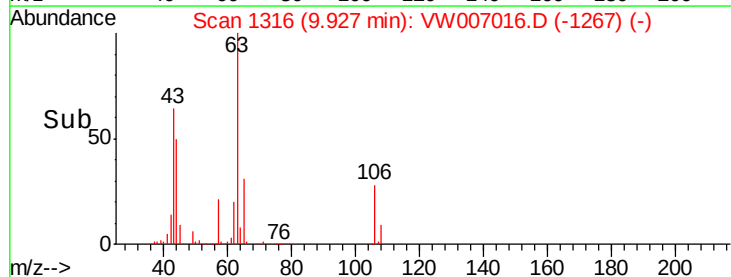
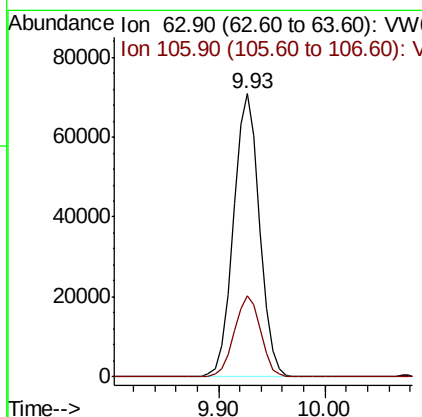
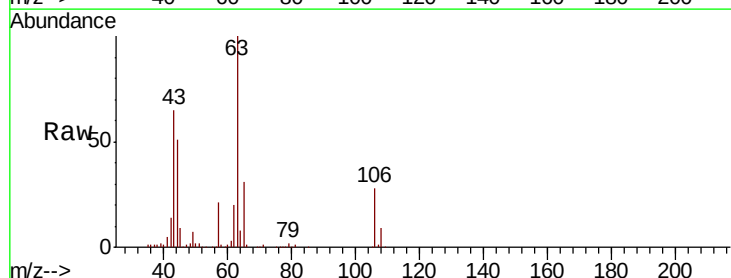
Manual Integrations
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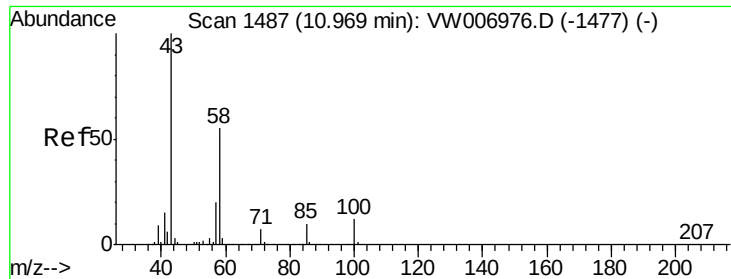
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 251.107 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW007016.D
 Acq: 21 Nov 2018 22:38

Tgt Ion: 63 Resp: 121639
 Ion Ratio Lower Upper
 63 100
 106 28.9 23.5 35.3





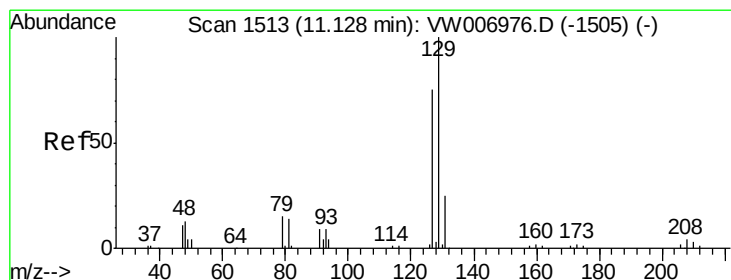
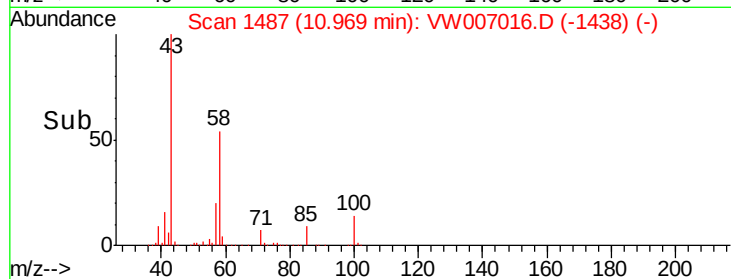
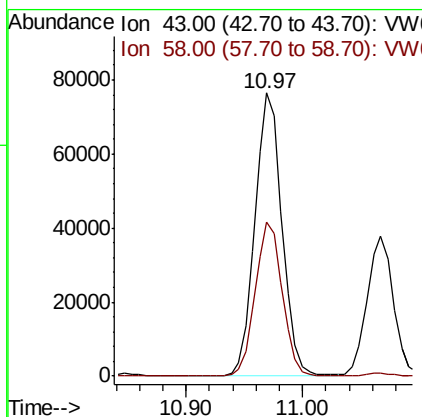
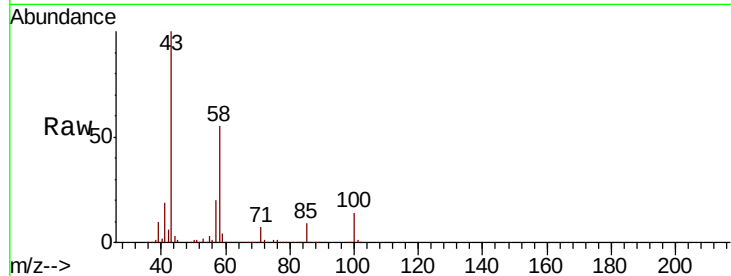
#59
2-Hexanone
Concen: 319.750 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW007016.D
Acq: 21 Nov 2018 22:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 124473
Ion Ratio Lower Upper
43 100
58 54.5 27.3 81.8

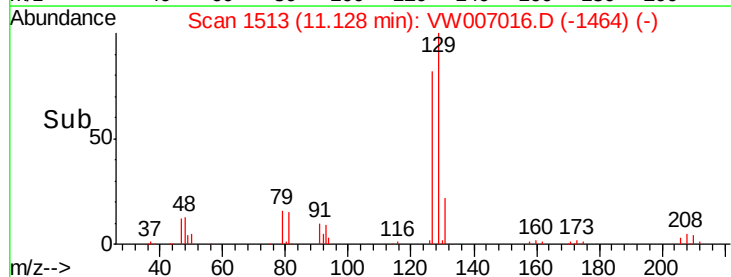
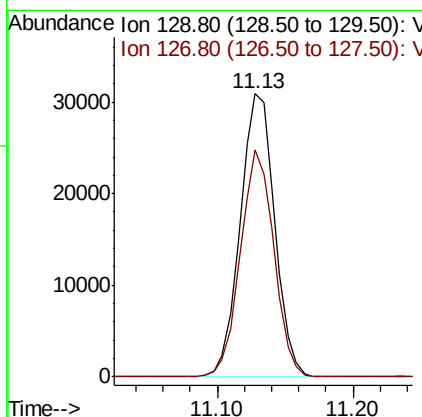
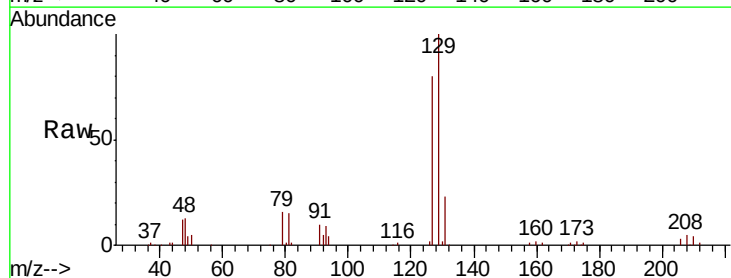
Manual Integrations
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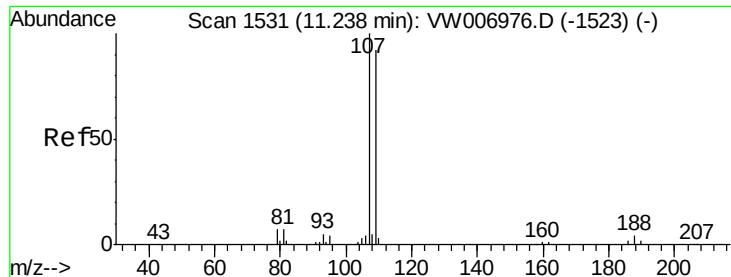
MMDadoda
11/26/2018 1:04:51 PM



#60
Dibromochloromethane
Concen: 60.081 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW007016.D
Acq: 21 Nov 2018 22:38

Tgt Ion: 129 Resp: 54673
Ion Ratio Lower Upper
129 100
127 77.8 38.3 114.8





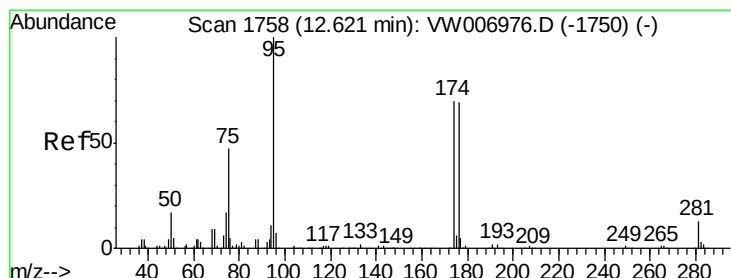
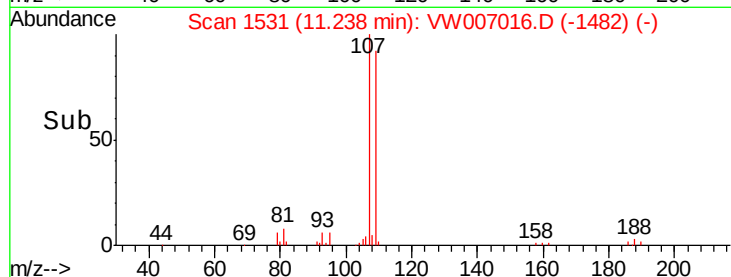
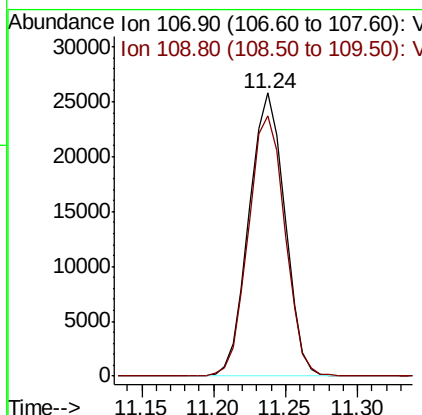
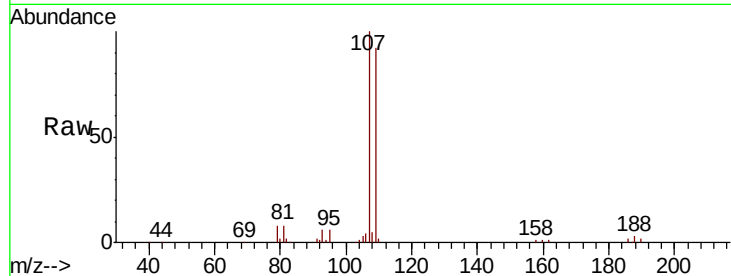
#61
 1,2-Dibromoethane
 Concen: 60.733 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW007016.D
 Acq: 21 Nov 2018 22:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 107 Resp: 44369
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.1 112.7

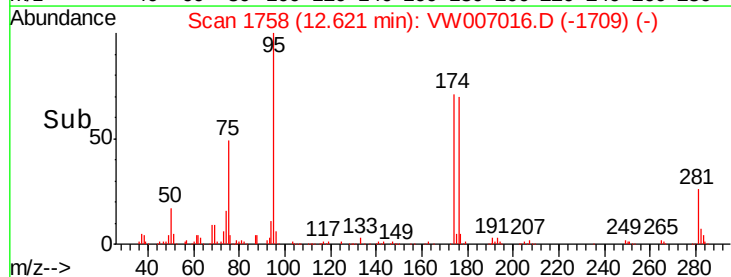
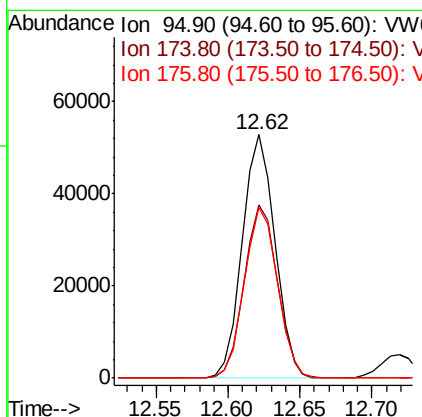
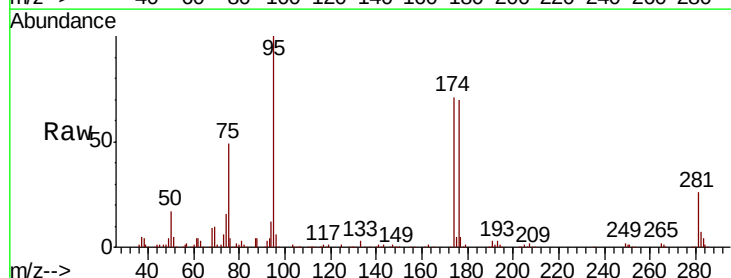
Manual Integrations
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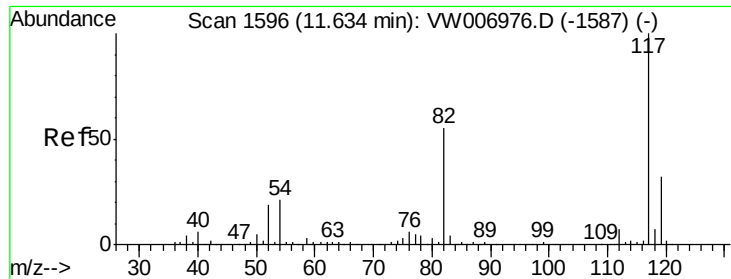
MMDadoda
 11/26/2018 1:04:51 PM



#62
 4-Bromofluorobenzene
 Concen: 50.734 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW007016.D
 Acq: 21 Nov 2018 22:38

Tgt Ion: 95 Resp: 82992
 Ion Ratio Lower Upper
 95 100
 174 72.2 0.0 143.6
 176 70.8 0.0 140.4





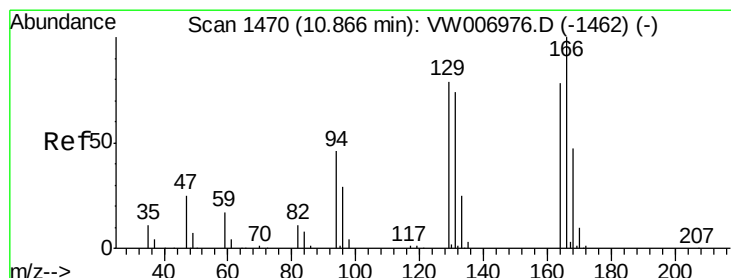
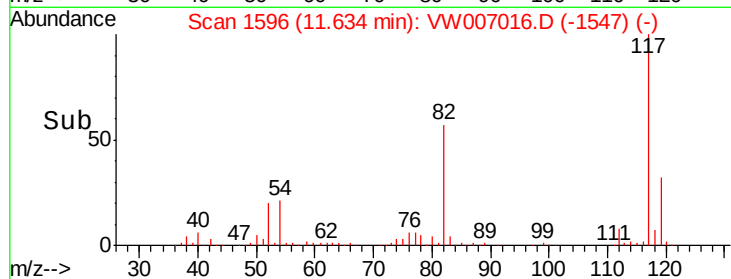
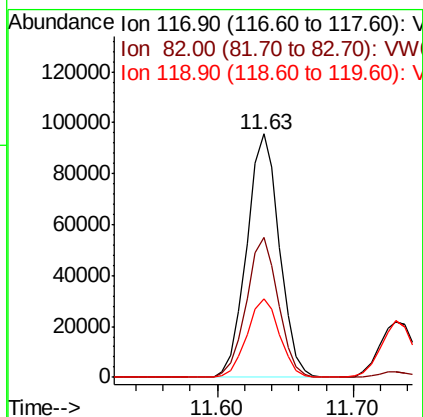
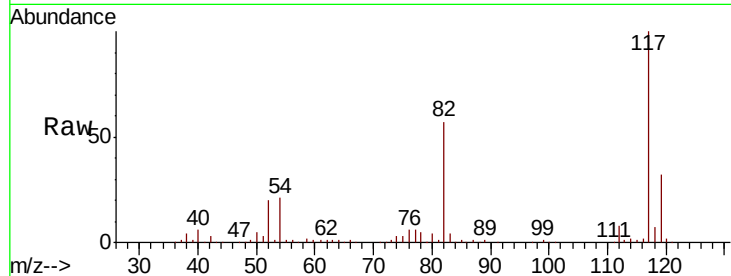
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007016.D
Acq: 21 Nov 2018 22:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.4	44.2	66.2
119	32.0	25.9	38.9

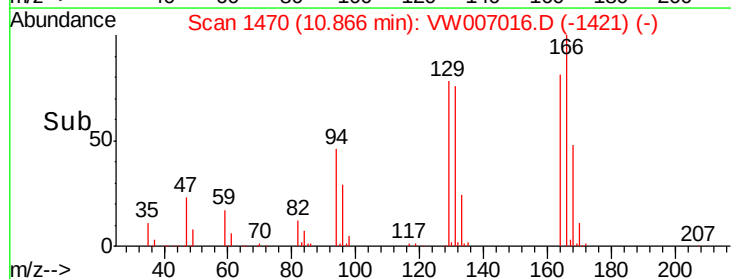
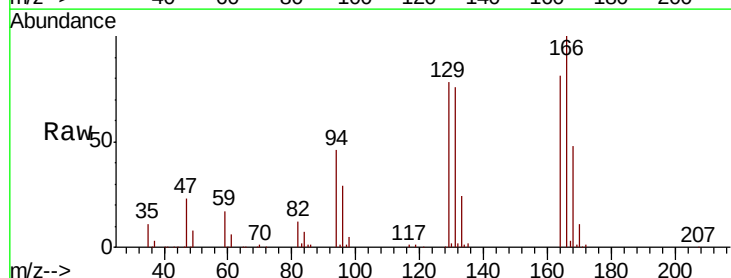
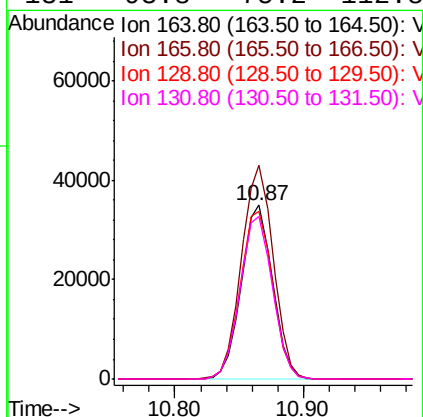
Manual Integrations
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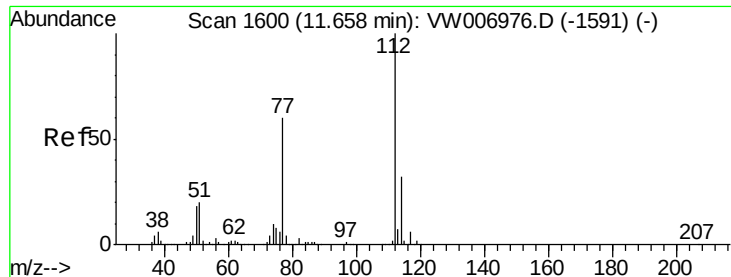
MMDadoda
11/26/2018 1:04:51 PM



#64
Tetrachloroethene
Concen: 56.710 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW007016.D
Acq: 21 Nov 2018 22:38

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.9	102.1	153.1
129	96.2	80.4	120.6
131	93.8	75.2	112.8





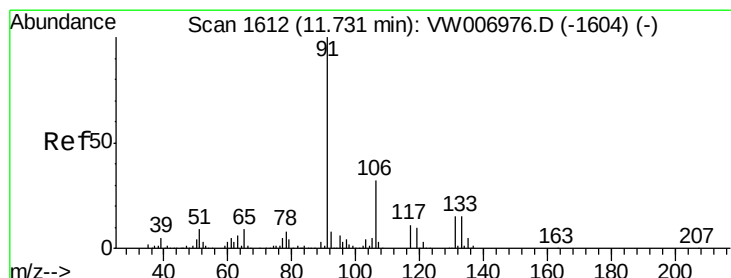
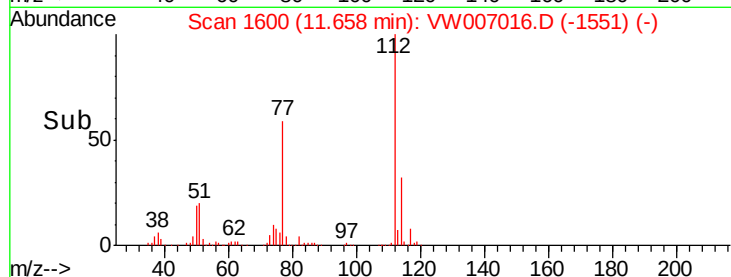
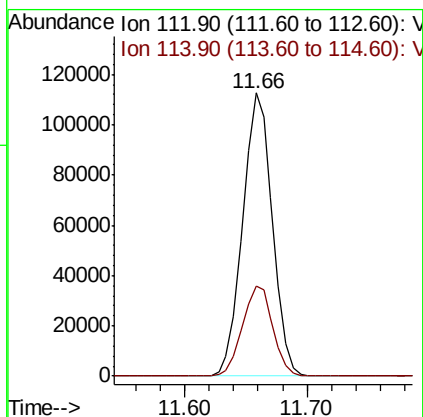
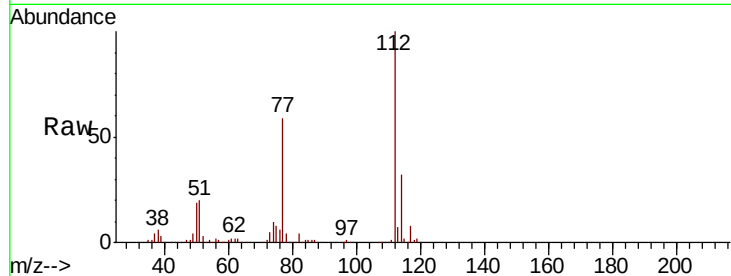
#65
Chlorobenzene
Concen: 56.537 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW007016.D
Acq: 21 Nov 2018 22:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 189508
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.8

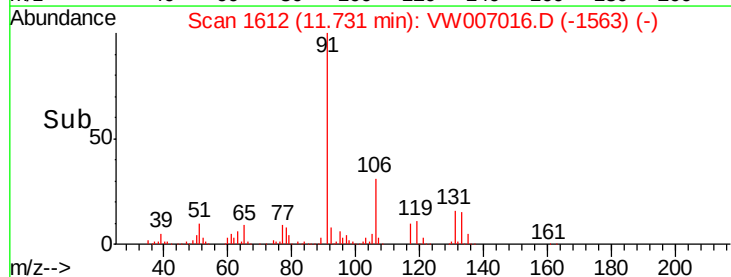
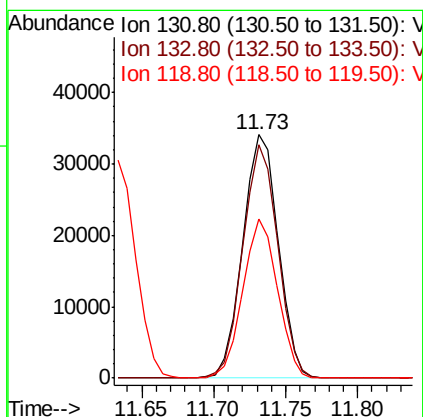
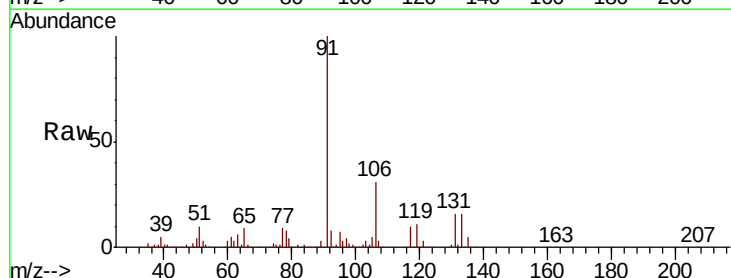
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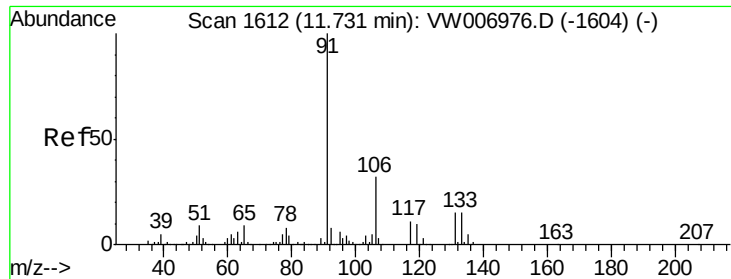
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#66
1,1,1,2-Tetrachloroethane
Concen: 57.303 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007016.D
Acq: 21 Nov 2018 22:38

Tgt Ion:131 Resp: 58105
Ion Ratio Lower Upper
131 100
133 94.6 47.7 143.1
119 63.9 31.8 95.3





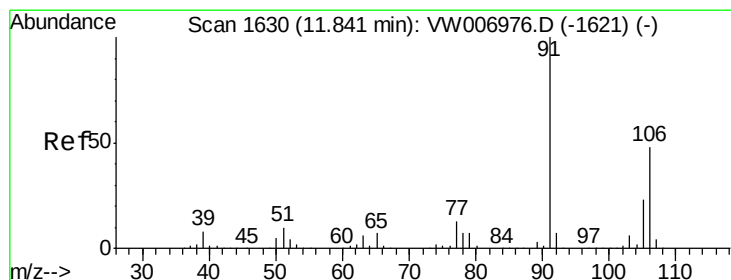
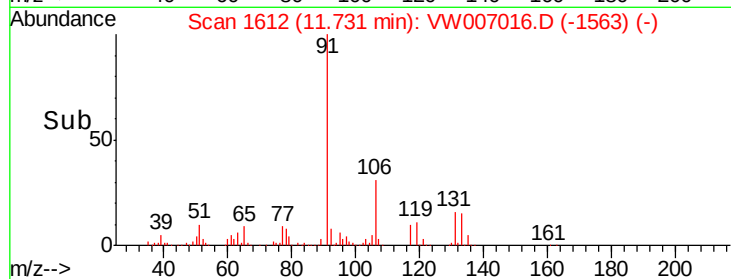
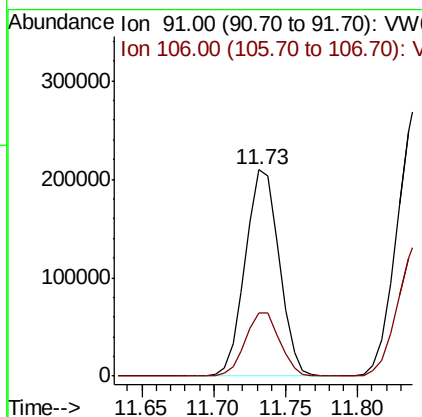
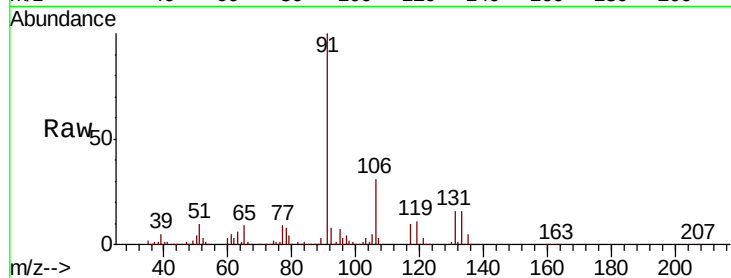
#67
Ethyl Benzene
Concen: 55.477 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007016.D
Acq: 21 Nov 2018 22:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 341614
Ion Ratio Lower Upper
91 100
106 31.0 25.4 38.2

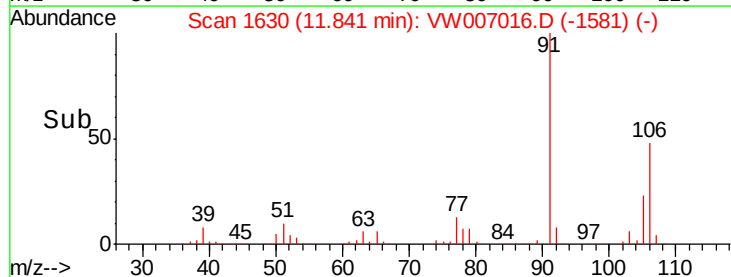
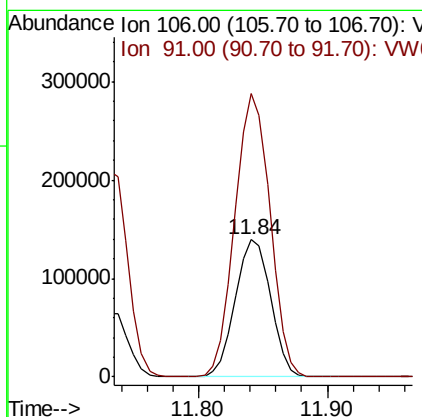
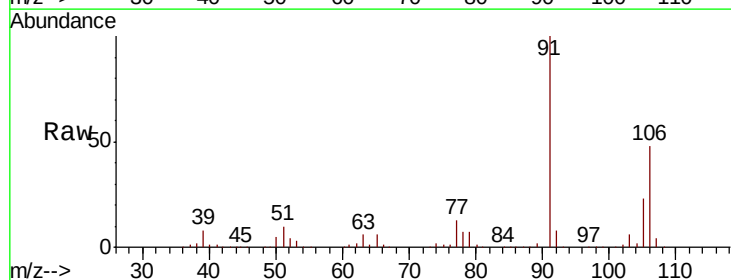
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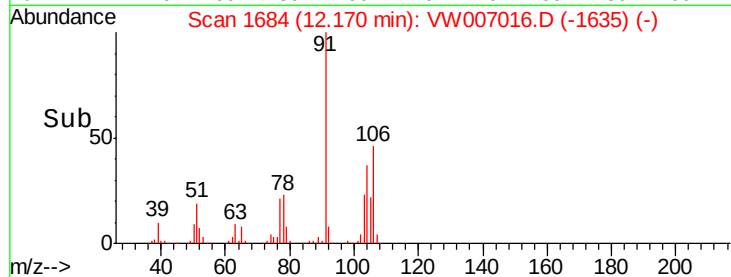
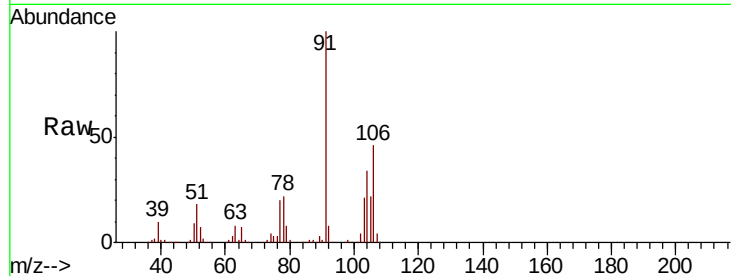
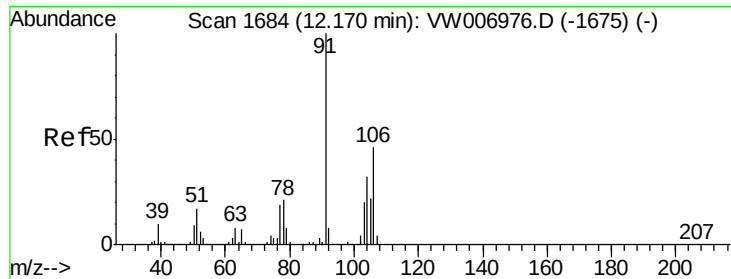
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#68
m/p-Xylenes
Concen: 110.402 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW007016.D
Acq: 21 Nov 2018 22:38

Tgt Ion: 106 Resp: 266715
Ion Ratio Lower Upper
106 100
91 204.4 164.8 247.2





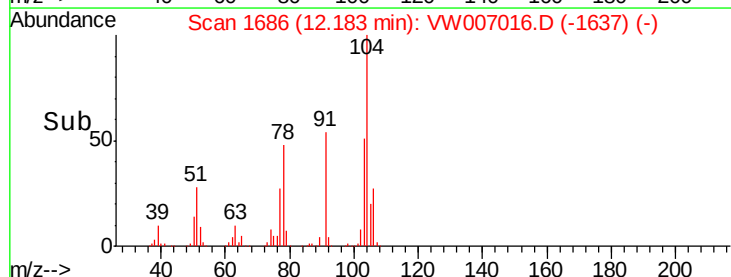
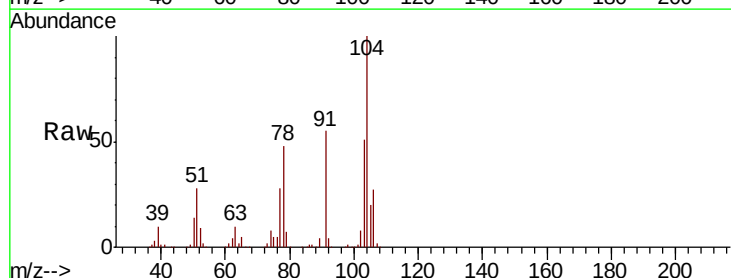
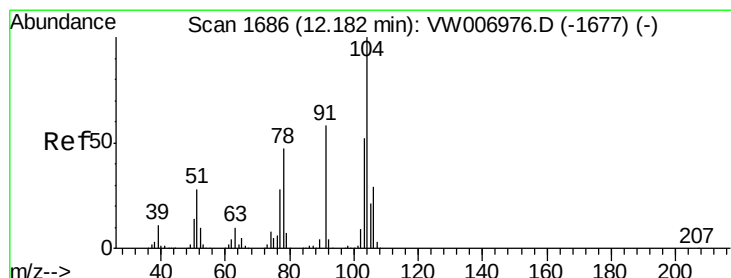
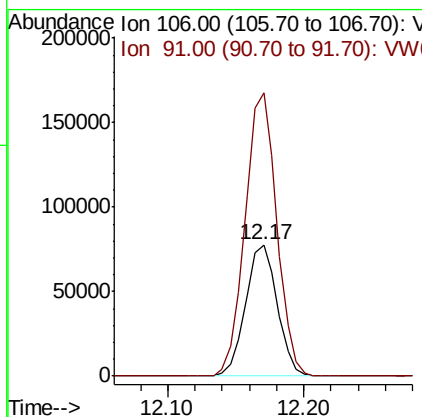
#69
o-Xylene
Concen: 55.745 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007016.D
Acq: 21 Nov 2018 22:38

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	126986		
91	215.4	107.9	323.8	

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

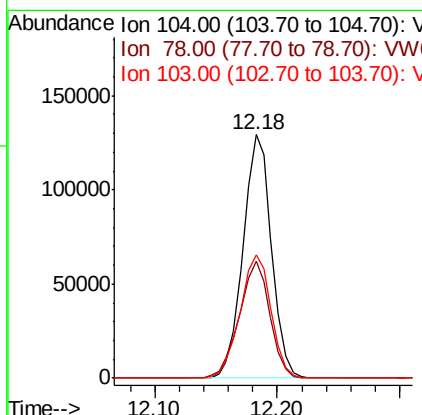
Manual Integrations
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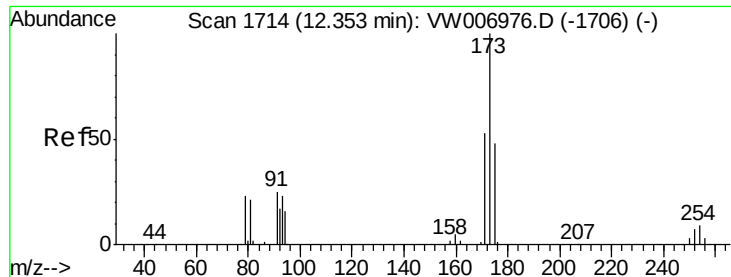
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#70
Styrene
Concen: 57.265 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW007016.D
Acq: 21 Nov 2018 22:38

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	207619		
78	51.8	41.8	62.8	
103	55.2	44.4	66.6	





#71

Bromoform

Concen: 61.417 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW007016.D

Acq: 21 Nov 2018 22:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 29337

Ion Ratio Lower Upper

173 100

175 47.1 24.0 72.0

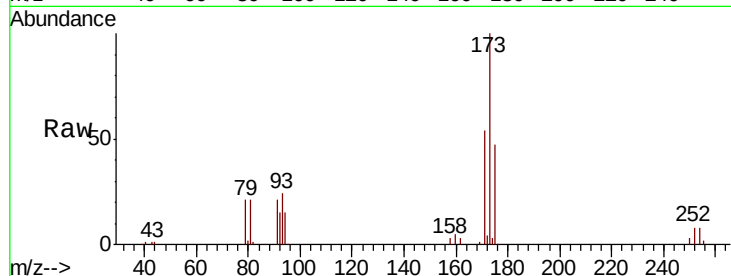
254 0.0 0.0 0.0

Manual Integrations

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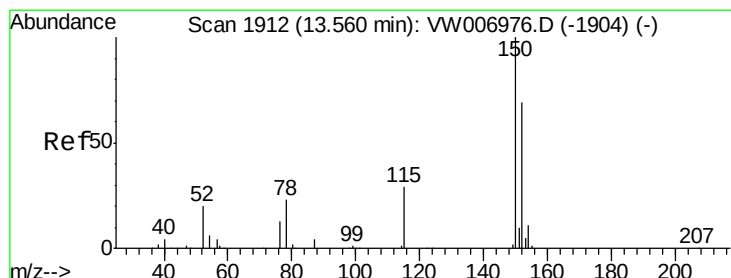
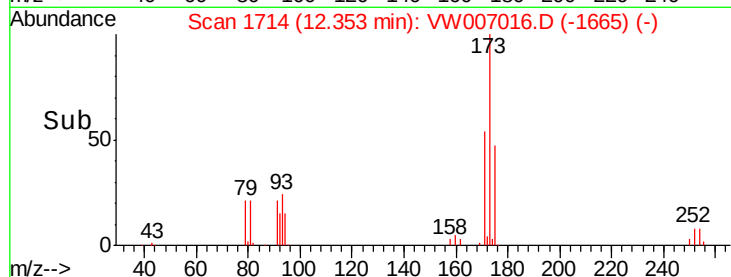
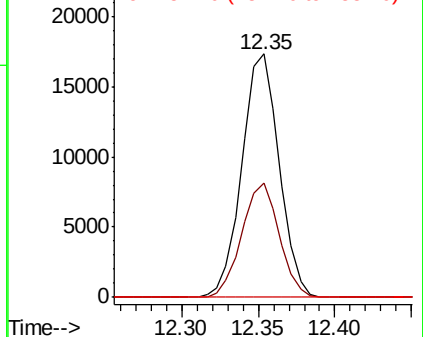
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Abundance Ion 172.70 (172.40 to 173.40): V

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: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW007016.D

Acq: 21 Nov 2018 22:38

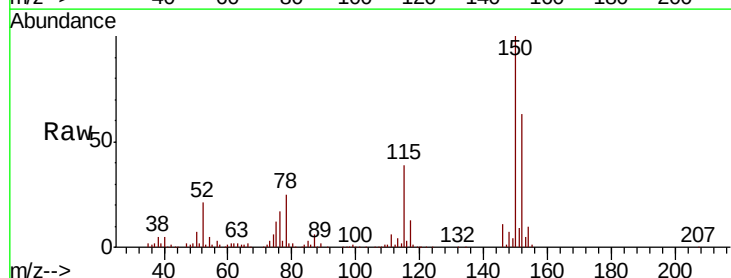
Tgt Ion:152 Resp: 80031

Ion Ratio Lower Upper

152 100

115 62.5 31.4 94.2

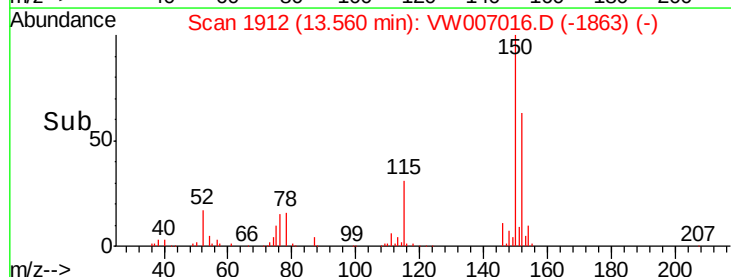
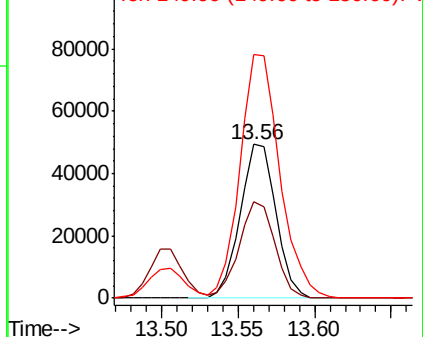
150 176.0 0.0 353.4

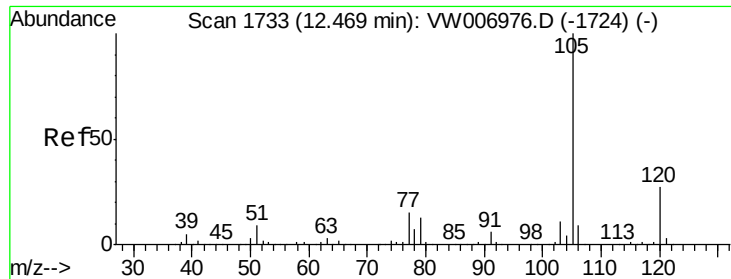


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





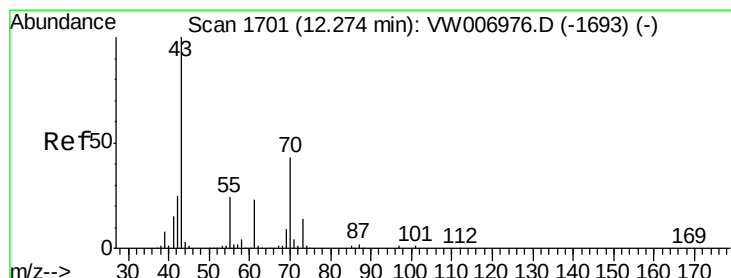
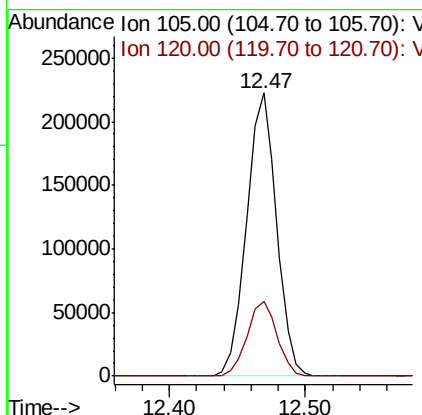
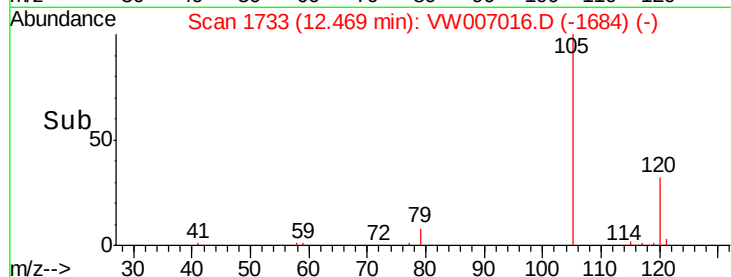
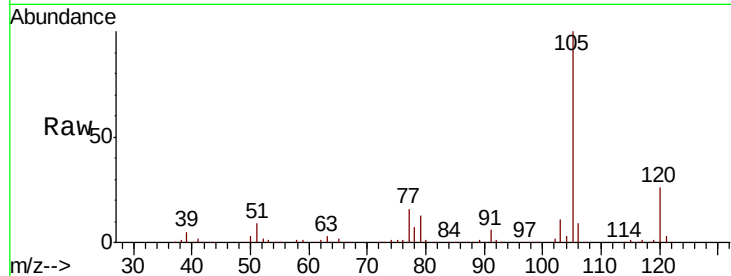
#73
Isopropylbenzene
Concen: 55.113 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW007016.D
Acq: 21 Nov 2018 22:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 105 Resp: 342797
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.8

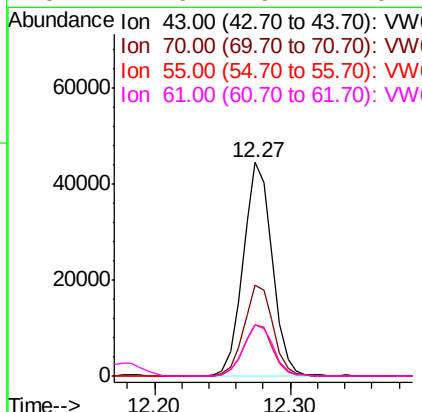
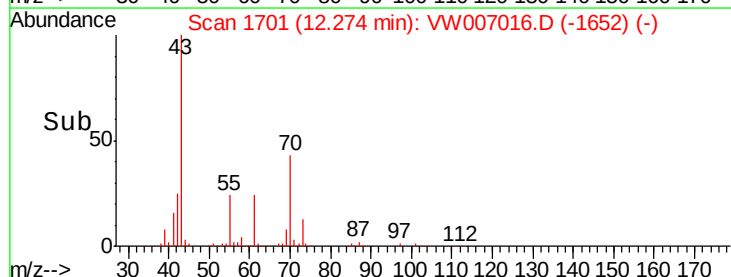
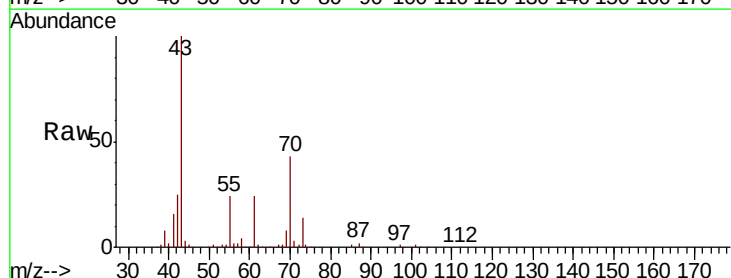
Manual Integrations
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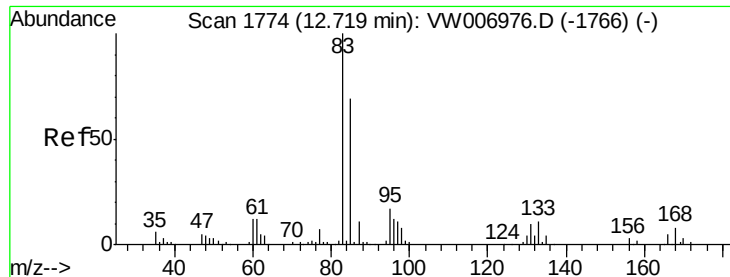
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#74
N-ethyl acetate
Concen: 63.498 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW007016.D
Acq: 21 Nov 2018 22:38

Tgt Ion: 43 Resp: 66193
Ion Ratio Lower Upper
43 100
70 42.5 34.0 51.0
55 24.2 19.4 29.0
61 24.6 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 60.319 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW007016.D

Acq: 21 Nov 2018 22:38

Instrument :

MSVOA_W

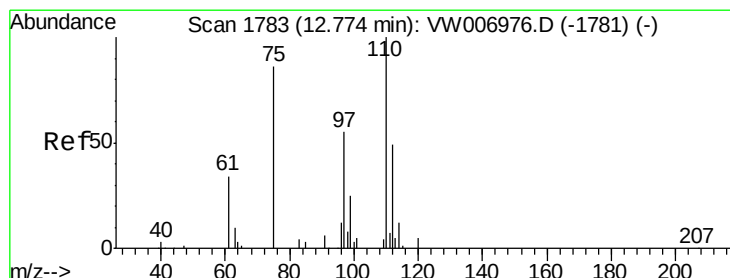
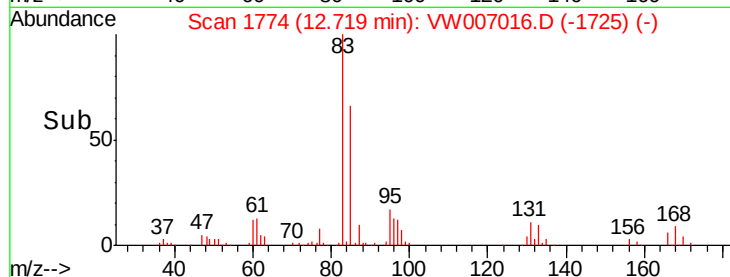
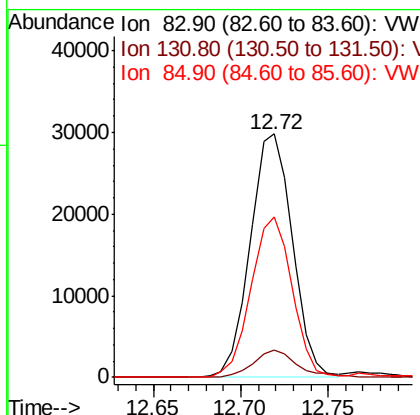
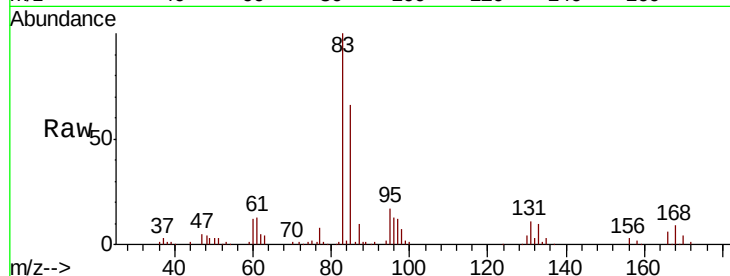
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	49930
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.7	17.1
85	64.2	33.1	99.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 61.128 ug/l m

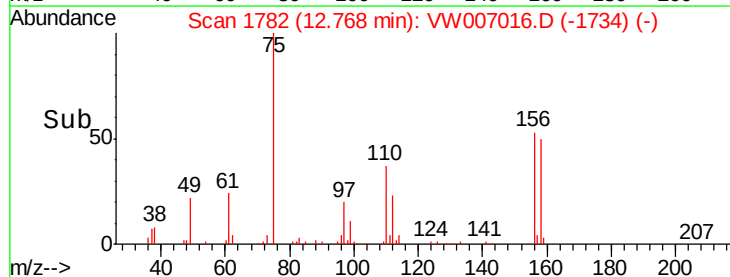
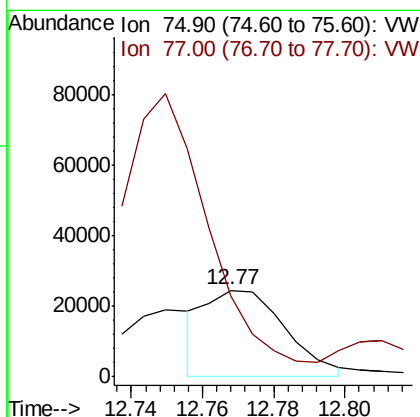
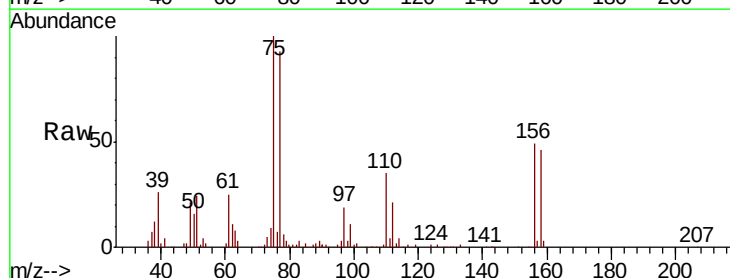
RT: 12.77 min Scan# 1782

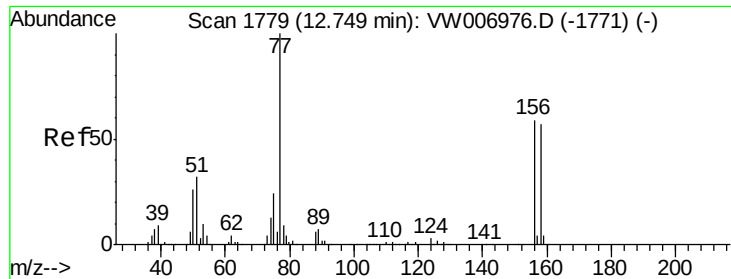
Delta R.T. -0.01 min

Lab File: VW007016.D

Acq: 21 Nov 2018 22:38

Tgt Ion:	75	Resp:	38442
Ion Ratio	Lower	Upper	
75	100		
77	375.3	0.0	0.0#





#77

Bromobenzene

Concen: 57.518 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW007016.D

Acq: 21 Nov 2018 22:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 76840

Ion Ratio Lower Upper

156 100

77 187.7 94.6 283.8

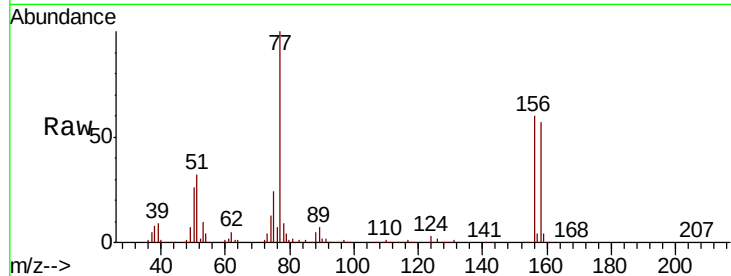
158 96.5 48.9 146.7

Manual Integrations

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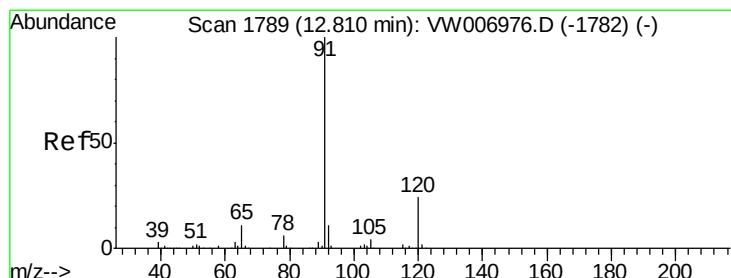
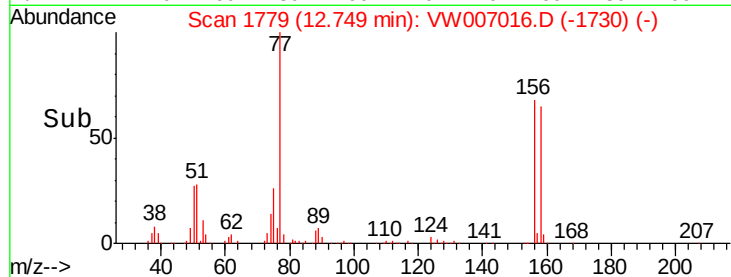
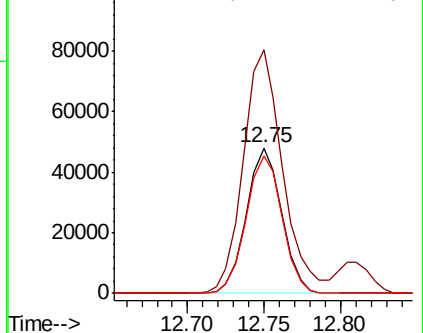
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.374 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW007016.D

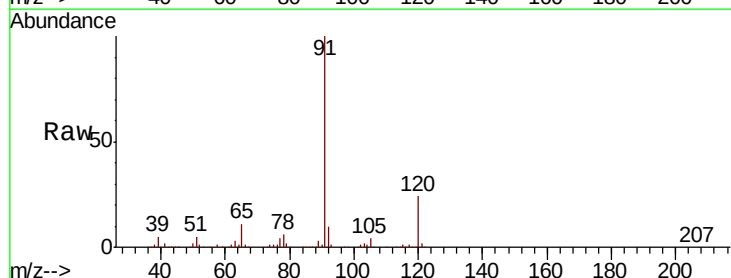
Acq: 21 Nov 2018 22:38

Tgt Ion: 91 Resp: 409662

Ion Ratio Lower Upper

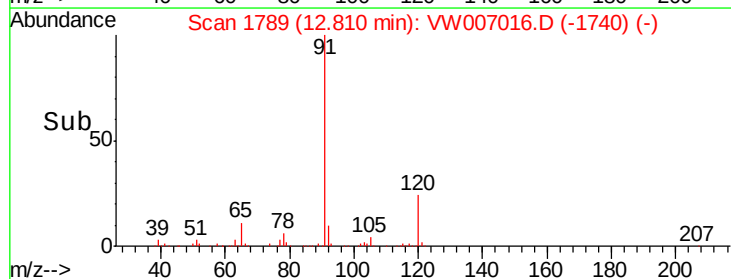
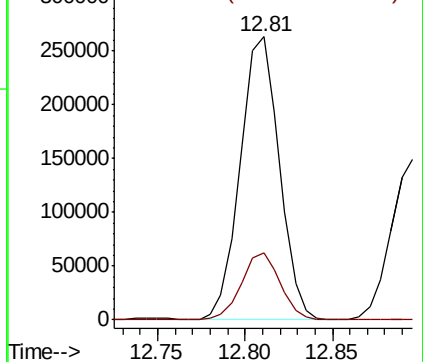
91 100

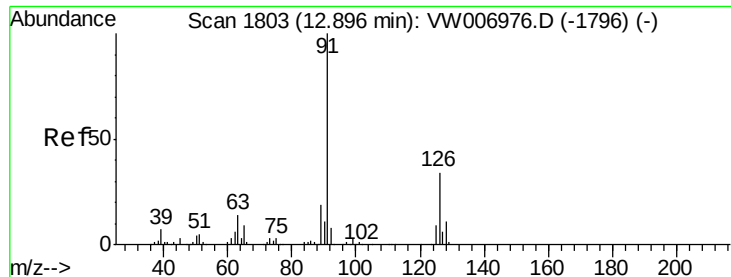
120 23.2 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





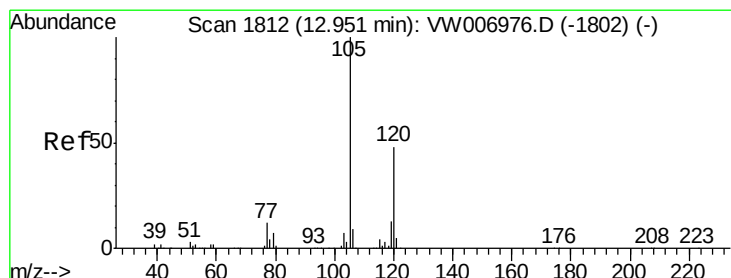
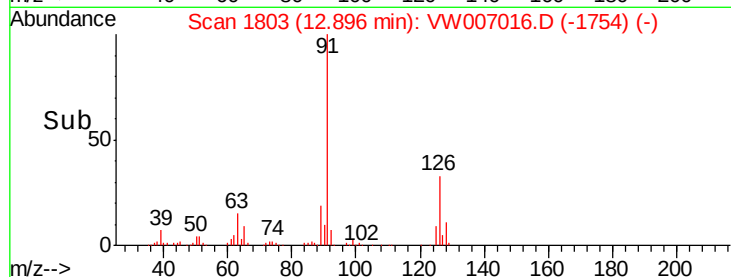
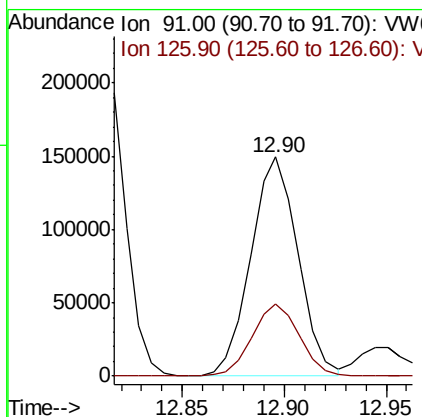
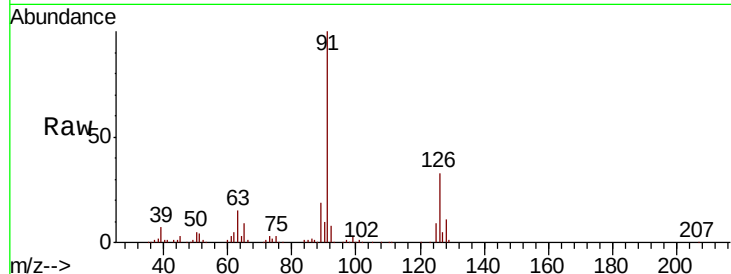
#79
2-Chlorotoluene
Concen: 55.352 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW007016.D
Acq: 21 Nov 2018 22:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 240458
Ion Ratio Lower Upper
91 100
126 33.0 16.7 50.0

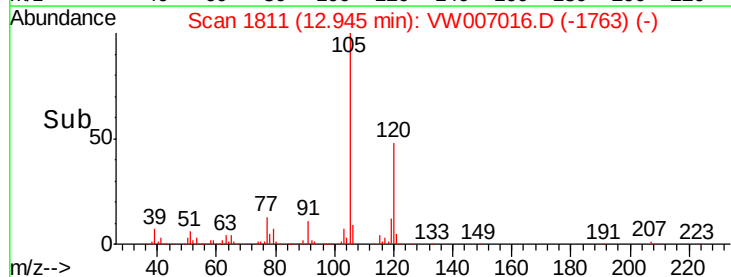
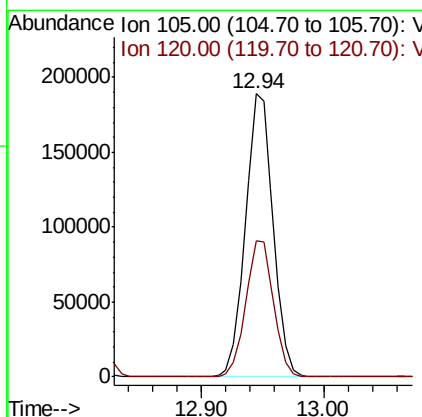
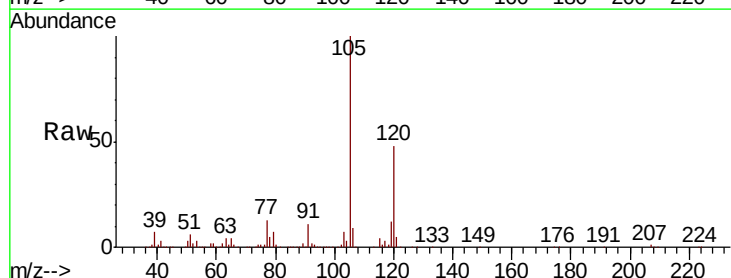
Manual Integrations
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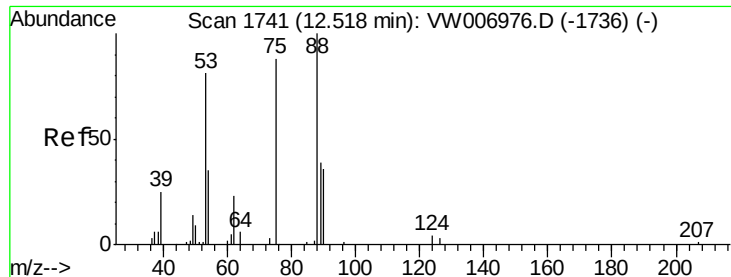
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 55.017 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.01 min
Lab File: VW007016.D
Acq: 21 Nov 2018 22:38

Tgt Ion: 105 Resp: 295918
Ion Ratio Lower Upper
105 100
120 48.3 23.8 71.2





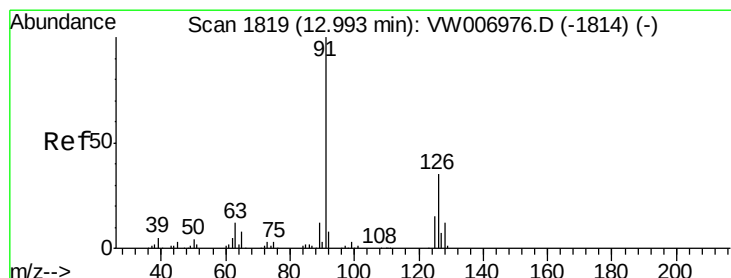
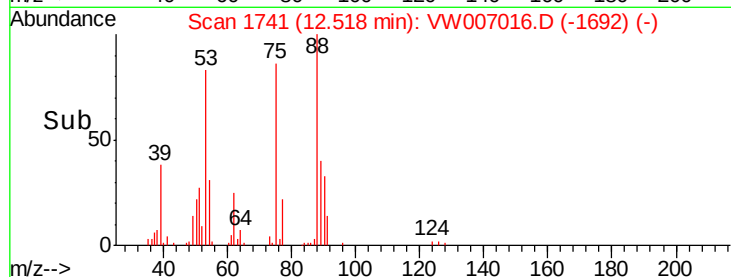
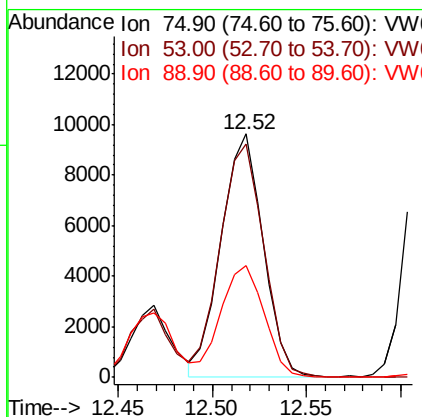
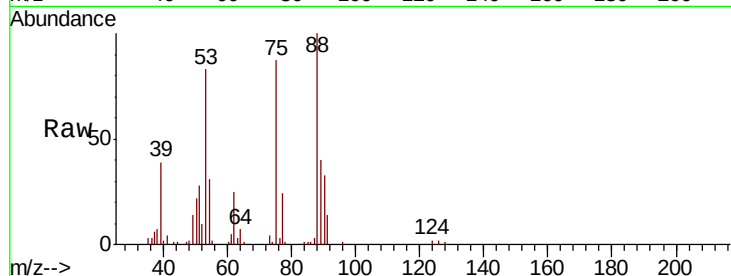
#81
trans-1,4-Dichloro-2-butene
Concen: 59.755 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW007016.D
Acq: 21 Nov 2018 22:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.1	77.6	116.4
89	47.9	39.3	58.9

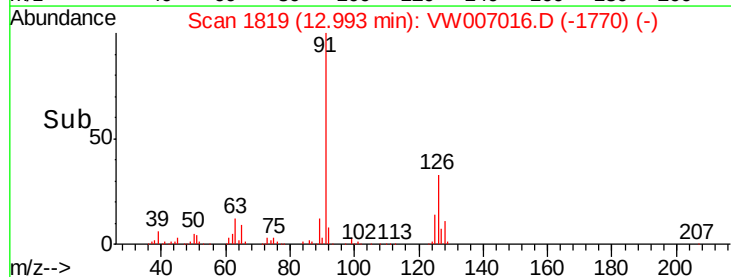
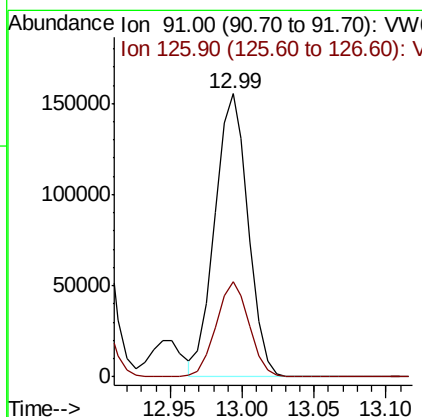
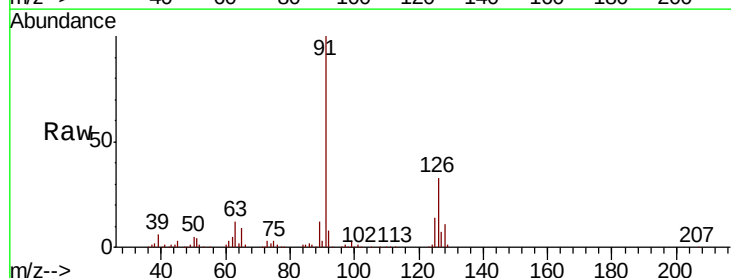
Manual Integrations
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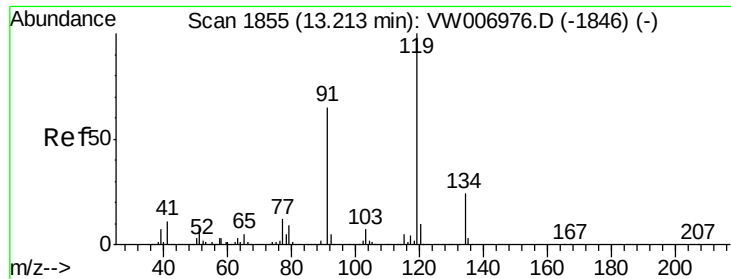
MMDadoda
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#82
4-Chlorotoluene
Concen: 55.073 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW007016.D
Acq: 21 Nov 2018 22:38

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.6	49.7





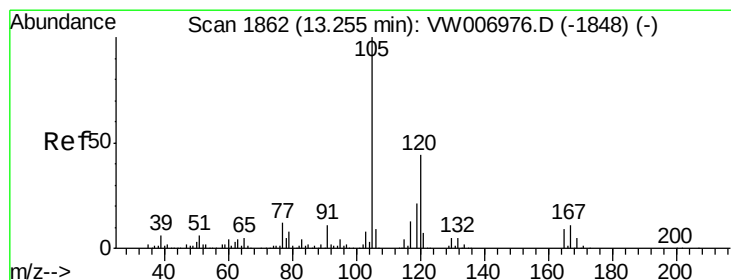
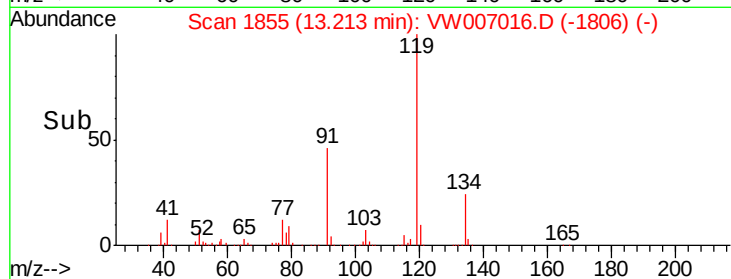
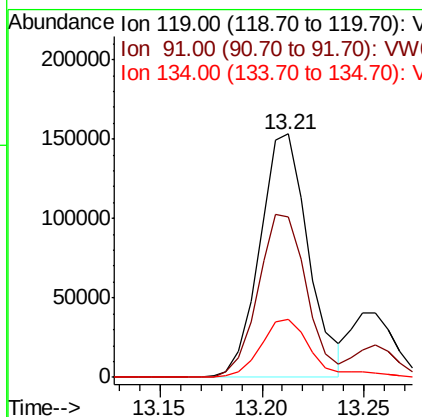
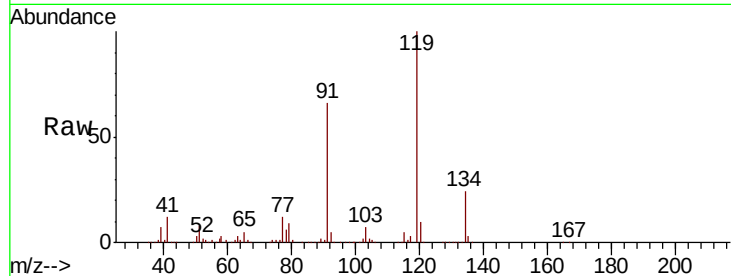
#83
 tert-Butylbenzene
 Concen: 54.576 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW007016.D
 Acq: 21 Nov 2018 22:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	254148		
91	66.8	33.5	100.5	
134	25.4	12.6	37.8	

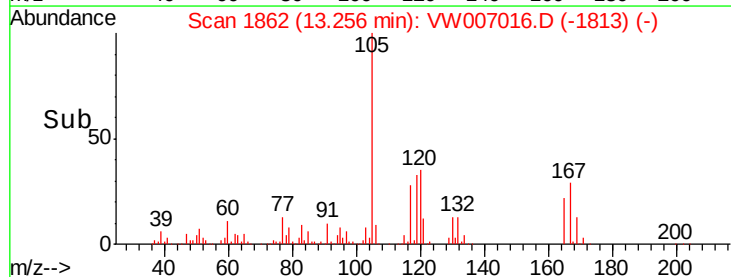
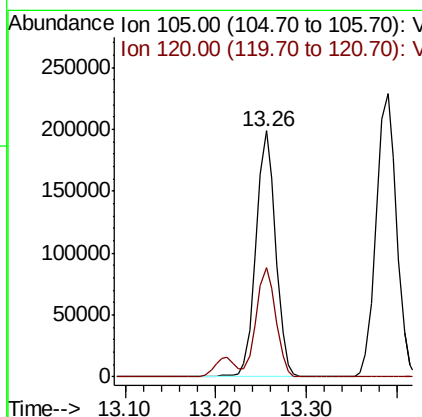
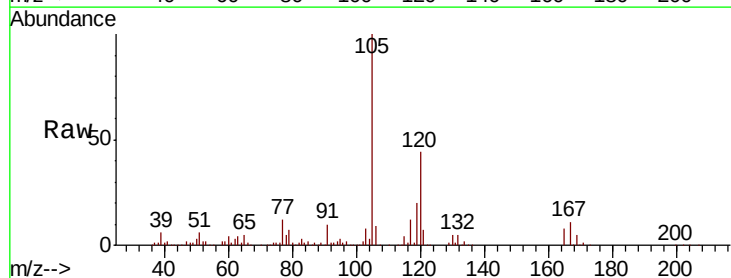
Manual Integrations
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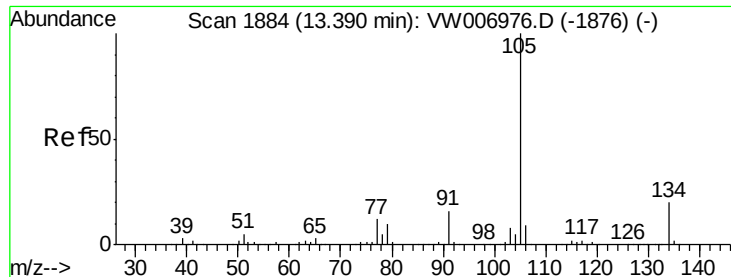
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#84
 1,2,4-Trimethylbenzene
 Concen: 55.725 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW007016.D
 Acq: 21 Nov 2018 22:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	298618		
120	44.8	21.8	65.3	





#85

sec-Butylbenzene

Concen: 54.158 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW007016.D

Acq: 21 Nov 2018 22:38

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 356291

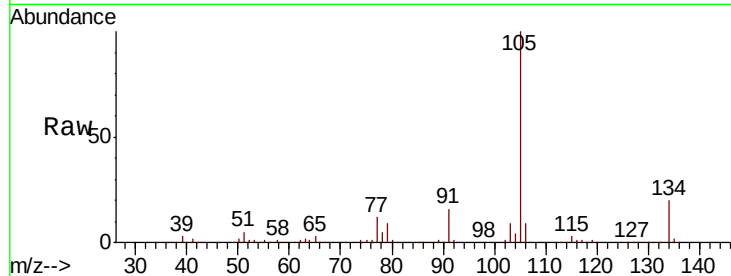
Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.3

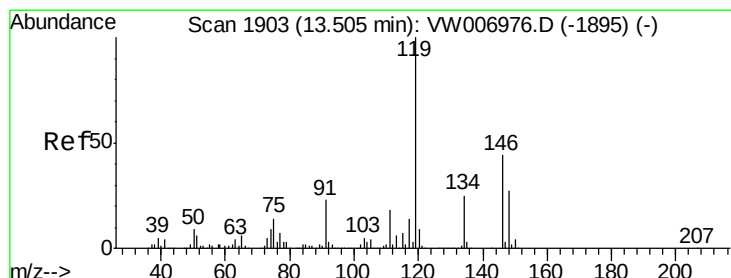
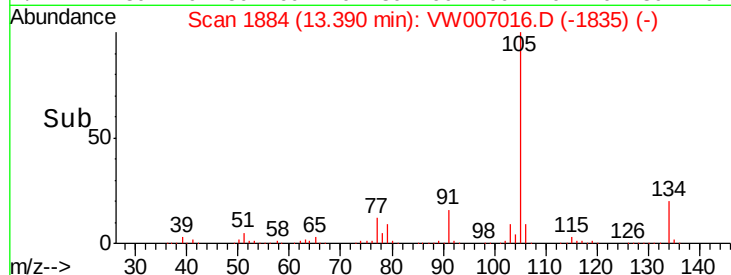
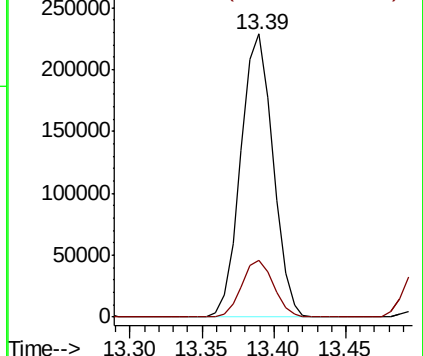
Manual Integrations
APPROVED

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.494 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW007016.D

Acq: 21 Nov 2018 22:38

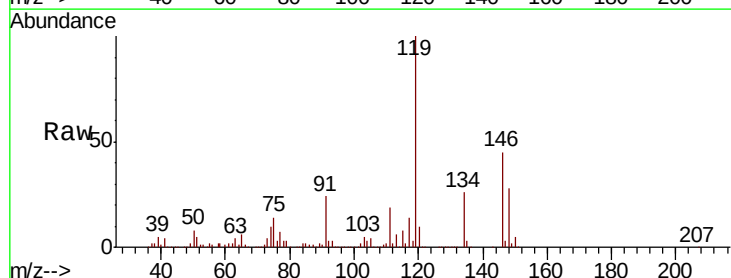
Tgt Ion:119 Resp: 316272

Ion Ratio Lower Upper

119 100

134 25.9 12.8 38.3

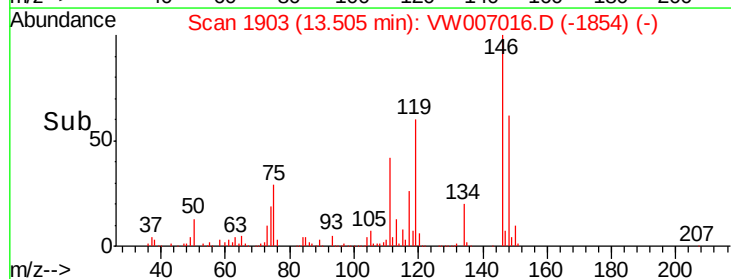
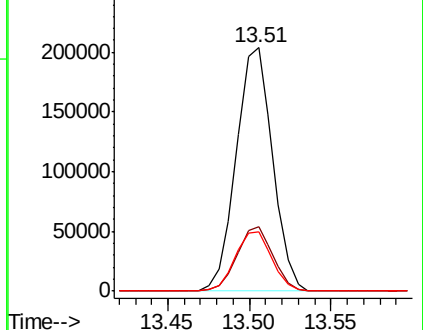
91 24.5 12.2 36.6

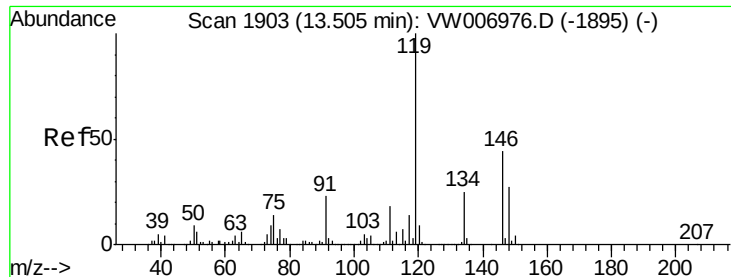


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





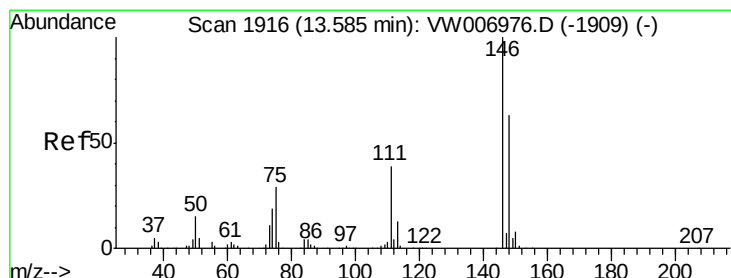
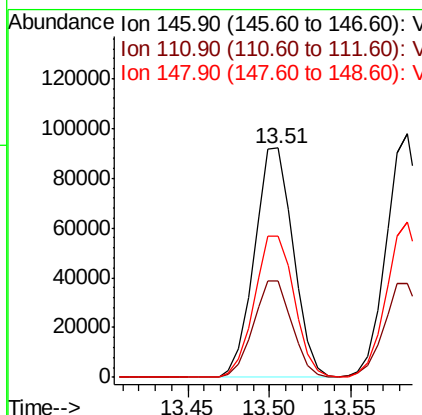
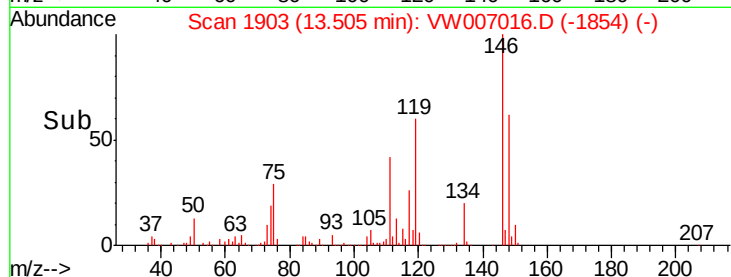
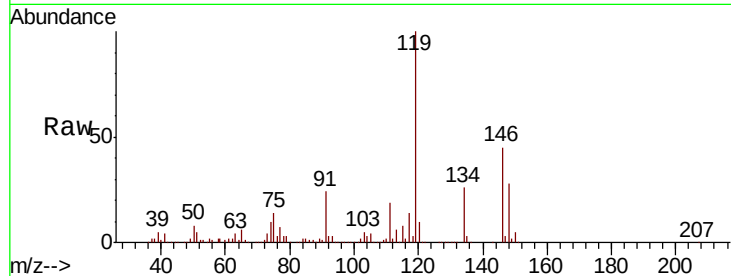
#87
 1,3-Dichlorobenzene
 Concen: 55.909 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007016.D
 Acq: 21 Nov 2018 22:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.1	63.3
148	63.3	31.6	94.8

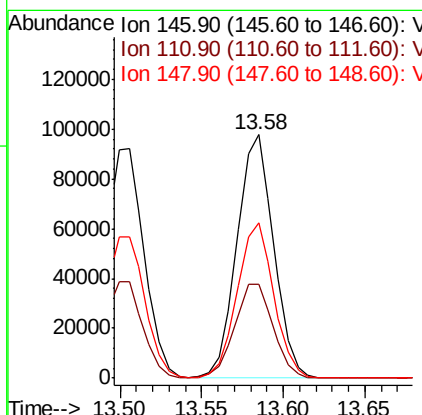
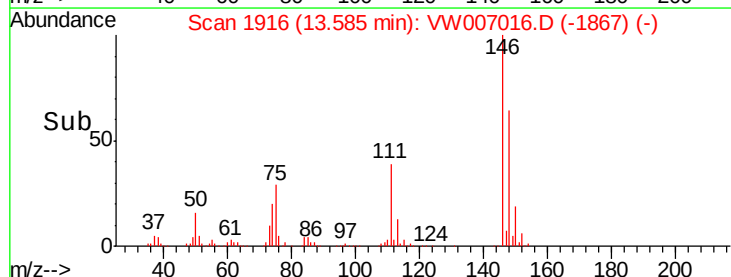
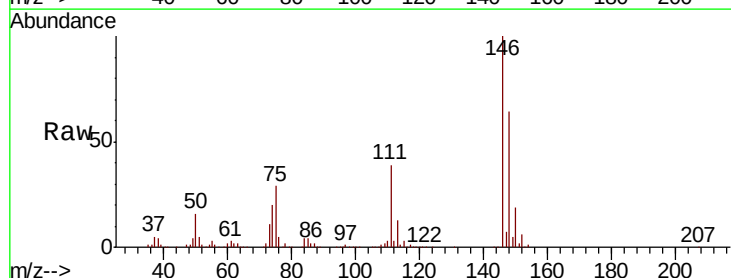
Manual Integrations
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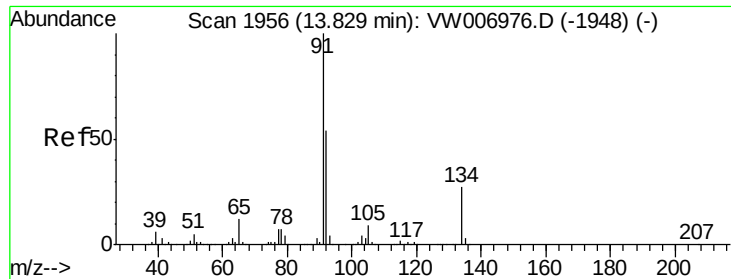
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#88
 1,4-Dichlorobenzene
 Concen: 56.326 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW007016.D
 Acq: 21 Nov 2018 22:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.6	61.8
148	63.5	32.3	96.8





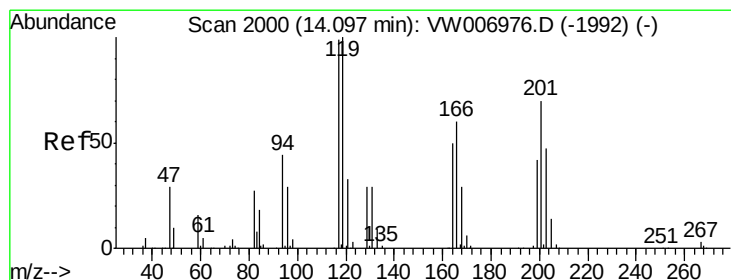
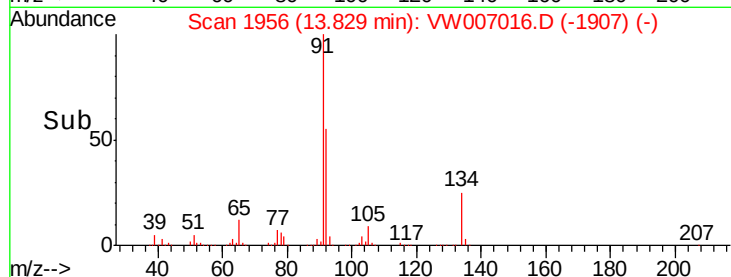
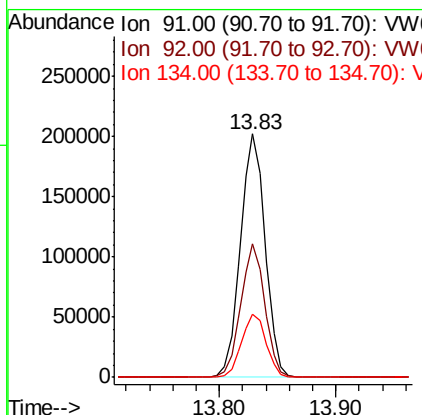
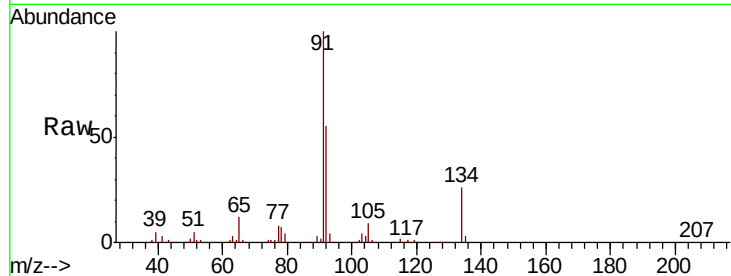
#89
n-Butylbenzene
Concen: 54.810 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW007016.D
Acq: 21 Nov 2018 22:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	299359		
92	53.4	26.8	80.4	
134	26.1	13.3	39.8	

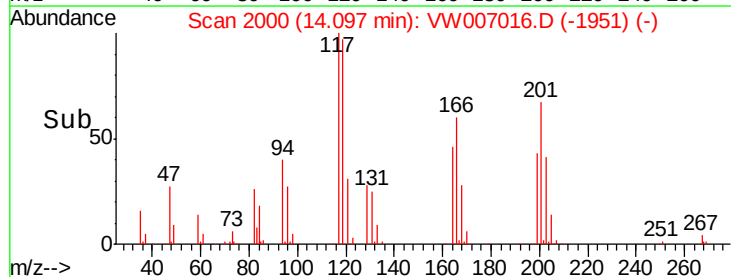
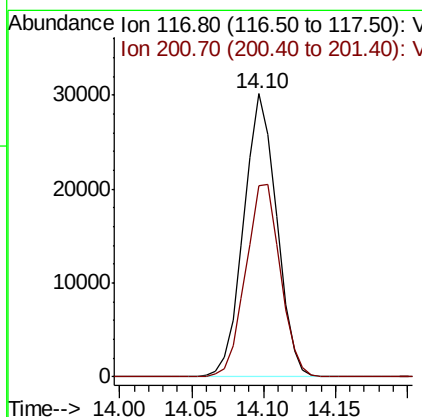
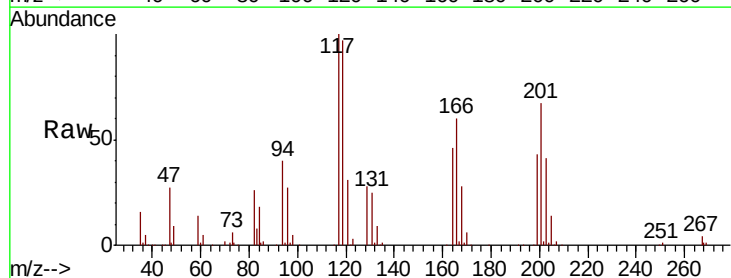
Manual Integrations
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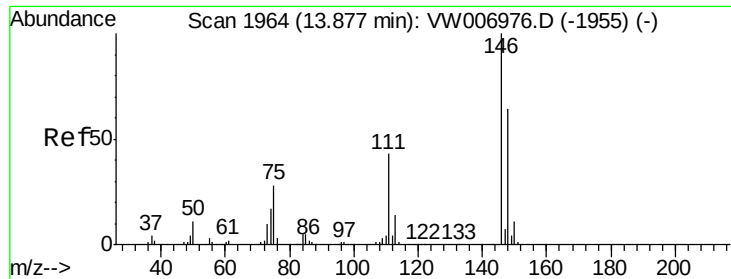
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#90
Hexachloroethane
Concen: 56.385 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW007016.D
Acq: 21 Nov 2018 22:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	47777		
201	71.4	35.9	107.5	





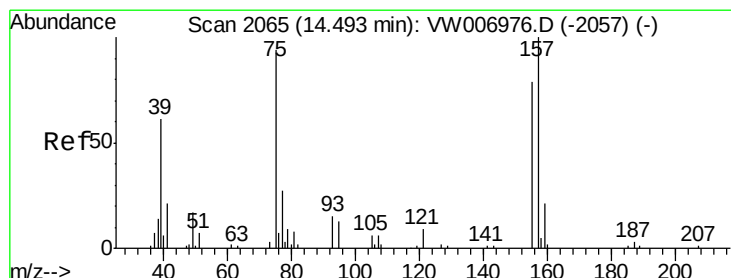
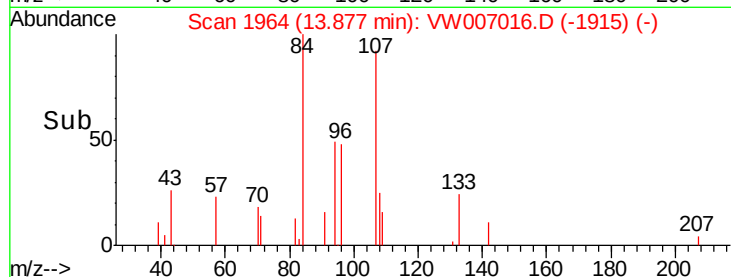
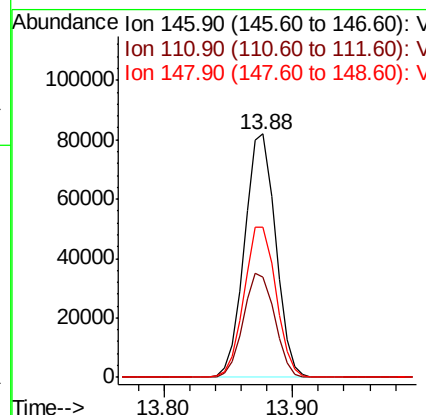
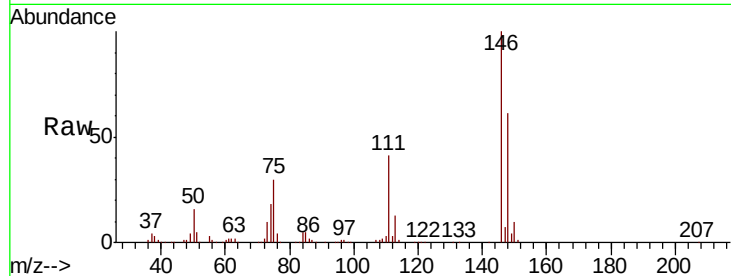
#91
 1,2-Dichlorobenzene
 Concen: 57.038 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW007016.D
 Acq: 21 Nov 2018 22:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.9	65.7
148	63.4	32.2	96.6

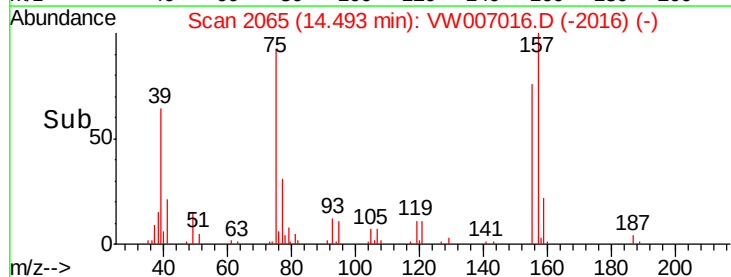
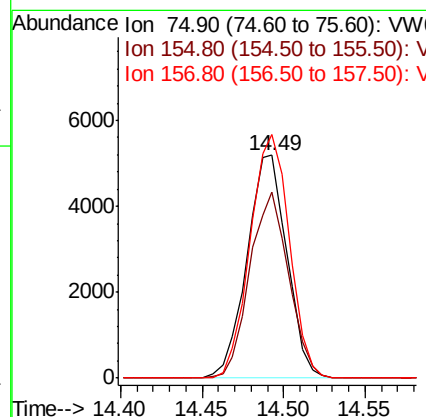
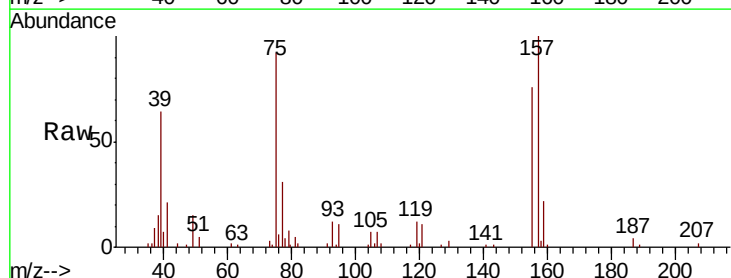
Manual Integrations
 APPROVED

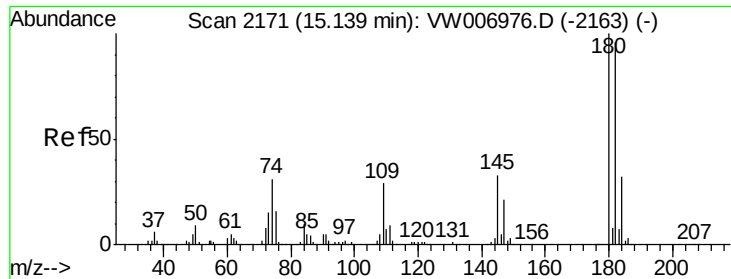
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 63.246 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW007016.D
 Acq: 21 Nov 2018 22:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.4	42.6	127.8
157	107.1	55.0	165.0





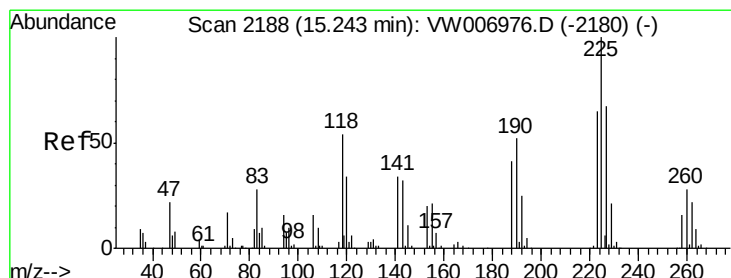
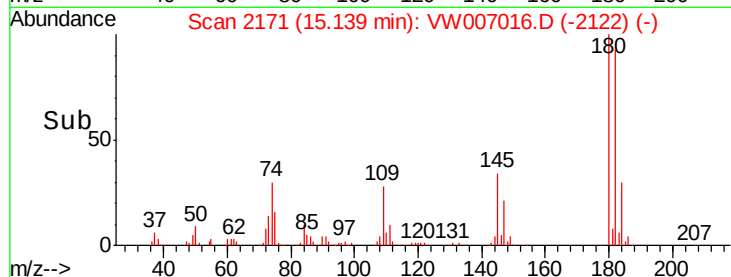
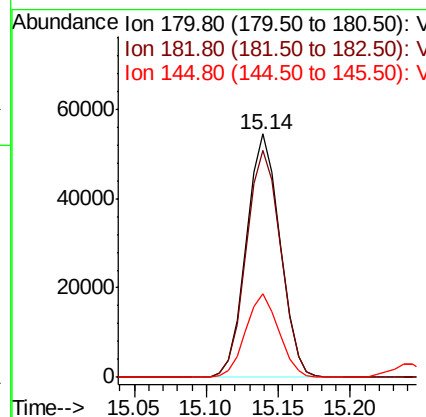
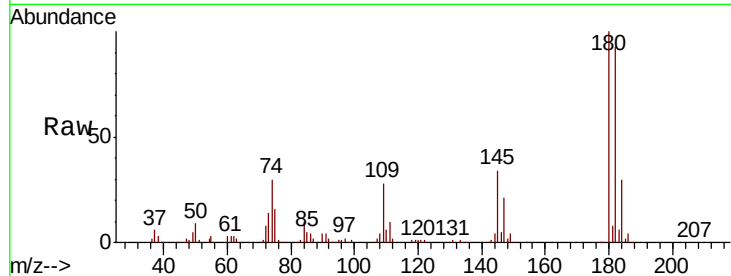
#93
 1,2,4-Trichlorobenzene
 Concen: 55.963 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW007016.D
 Acq: 21 Nov 2018 22:38

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.1	141.3
145	33.7	16.5	49.5

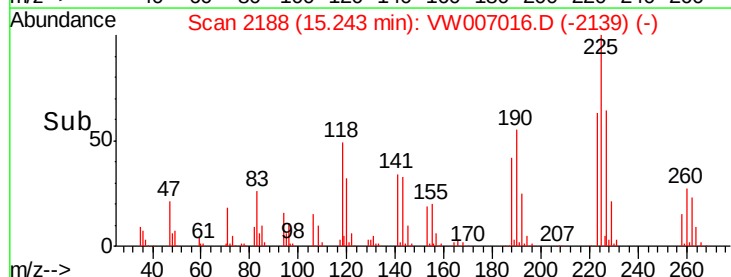
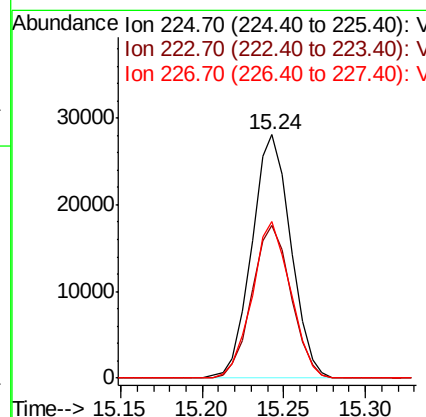
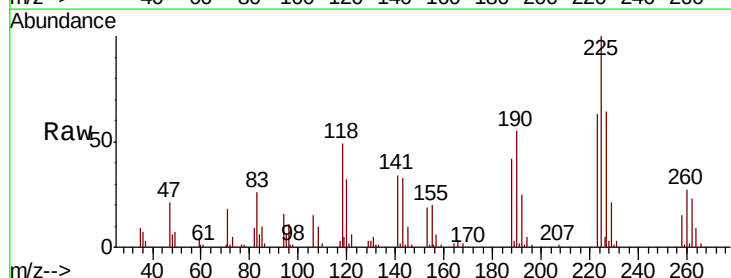
Manual Integrations
 APPROVED

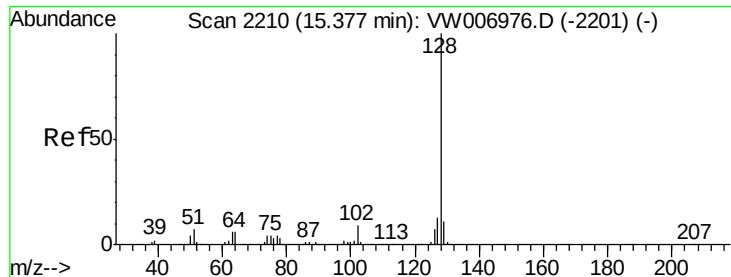
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 54.532 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW007016.D
 Acq: 21 Nov 2018 22:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	32.4	97.0
227	63.2	31.9	95.5





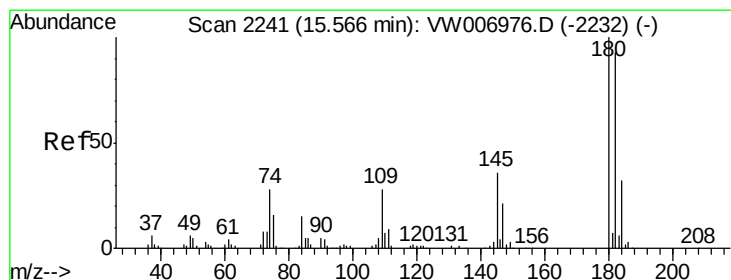
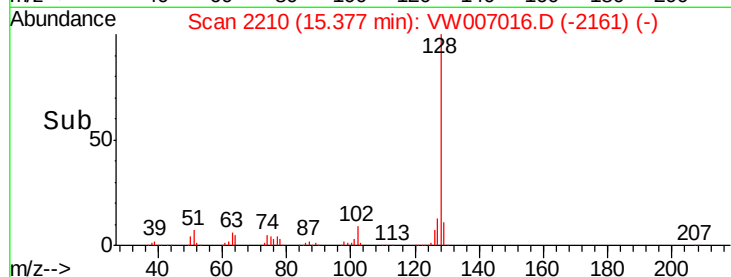
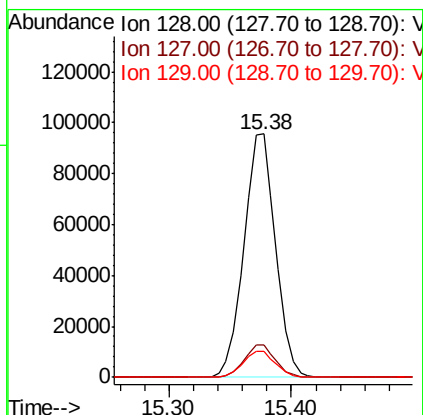
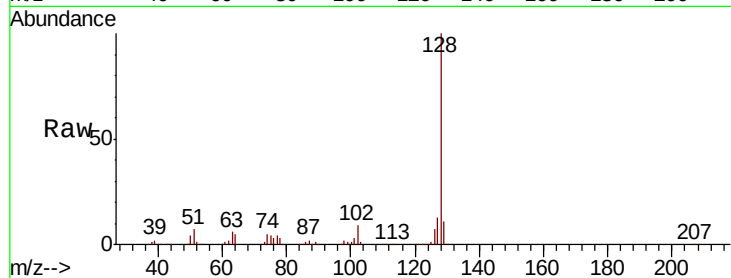
#95
Naphthalene
Concen: 59.829 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW007016.D
Acq: 21 Nov 2018 22:38

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/26/2018 1:04:51 PM



#96
1,2,3-Trichlorobenzene
Concen: 58.079 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW007016.D
Acq: 21 Nov 2018 22:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.0	141.2
145	35.1	18.0	54.0

