

Data File : VW006399.D
Acq On : 26 Oct 2018 09:54
Operator : SY/AP
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 53 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

apatel
10/26/2018 12:17:04 PM

Quant Time: Oct 26 11:43:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	196328	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	294349	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	275535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	159444	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	88896	54.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.24%	
35) Dibromofluoromethane	7.88	113	91459	52.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.16%	
50) Toluene-d8	10.33	98	328048	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
62) 4-Bromofluorobenzene	12.62	95	127580	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	51482	52.990	ug/l	96
3) Chloromethane	2.21	50	71638	57.283	ug/l	98
4) Vinyl Chloride	2.37	62	99966	55.973	ug/l	99
5) Bromomethane	2.79	94	91747	56.480	ug/l	97
6) Chloroethane	2.93	64	78360	61.224	ug/l	92
7) Trichlorofluoromethane	3.26	101	88121	52.965	ug/l	97
8) Diethyl Ether	3.68	74	50872	57.533	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	95193	54.596	ug/l	99
10) Methyl Iodide	4.26	142	171537	59.109	ug/l	99
11) Tert butyl alcohol	5.23	59	33345	304.610	ug/l	100
12) 1,1-Dichloroethene	4.03	96	90692	55.287	ug/l	93
13) Acrolein	3.90	56	23757	224.282	ug/l	95
14) Allyl chloride	4.67	41	124848	53.229	ug/l	98
15) Acrylonitrile	5.37	53	105595	332.951	ug/l	100
16) Acetone	4.15	43	88343	291.781	ug/l	98
17) Carbon Disulfide	4.37	76	247413	49.975	ug/l	100
18) Methyl Acetate	4.67	43	54002	65.927	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	152976	61.228	ug/l	99
20) Methylene Chloride	4.91	84	106068	61.977	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	106455	58.141	ug/l	96
22) Diisopropyl ether	6.31	45	279273	60.253	ug/l	98
23) Vinyl Acetate	6.26	43	793568	290.112	ug/l	99
24) 1,1-Dichloroethane	6.21	63	183385	61.316	ug/l	99
25) 2-Butanone	7.18	43	136932	311.413	ug/l	99
26) 2,2-Dichloropropane	7.16	77	94313	44.711	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	123713	61.227	ug/l	97
28) Bromochloromethane	7.51	49	71871	62.246	ug/l	93
29) Tetrahydrofuran	7.54	42	87298	322.990	ug/l	98
30) Chloroform	7.68	83	201682	61.894	ug/l	99
31) Cyclohexane	7.96	56	143300	48.113	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	163895	55.759	ug/l	99
36) 1,1-Dichloropropene	8.08	75	146144	53.867	ug/l	99
37) Ethyl Acetate	7.26	43	61394	60.906	ug/l	100
38) Carbon Tetrachloride	8.07	117	154685	52.009	ug/l	97

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	180941	50.172	ug/l	99
40) Benzene	8.32	78	438149	58.874	ug/l	99
41) Methacrylonitrile	7.49	41	35239	57.991	ug/l	91
42) 1,2-Dichloroethane	8.40	62	131442	60.115	ug/l	99
43) Isopropyl Acetate	8.43	43	120453	58.443	ug/l	99
44) Trichloroethene	9.09	130	131471	57.581	ug/l	99
45) 1,2-Dichloropropane	9.37	63	104828	58.864	ug/l	100
46) Dibromomethane	9.46	93	62309	61.388	ug/l	99
47) Bromodichloromethane	9.65	83	144070	58.545	ug/l	98
48) Methyl methacrylate	9.44	41	58396	59.774	ug/l	96
49) 1,4-Dioxane	9.48	88	21697	1388.550	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	319730	309.621	ug/l	99
52) Toluene	10.39	92	288945	57.912	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	134322	54.785	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	156418	55.588	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	89145	62.761	ug/l	99
56) Ethyl methacrylate	10.65	69	105798	60.758	ug/l	99
57) 1,3-Dichloropropane	10.93	76	143544	61.049	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	198342	298.096	ug/l	99
59) 2-Hexanone	10.97	43	216479	293.673	ug/l	97
60) Dibromochloromethane	11.13	129	105619	59.698	ug/l	99
61) 1,2-Dibromoethane	11.24	107	89001	62.711	ug/l	99
64) Tetrachloroethene	10.87	164	133340	62.338	ug/l	98
65) Chlorobenzene	11.66	112	340560	57.738	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	121951	58.178	ug/l	99
67) Ethyl Benzene	11.74	91	570376	55.798	ug/l	99
68) m/p-Xylenes	11.85	106	455432	112.722	ug/l	98
69) o-Xylene	12.17	106	218257	56.682	ug/l	99
70) Styrene	12.18	104	365067	58.303	ug/l	99
71) Bromoform	12.35	173	67644	57.856	ug/l #	99
73) Isopropylbenzene	12.47	105	599038	53.181	ug/l	100
74) N-amyl acetate	12.28	43	119898	54.802	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	104781	61.160	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	66322m	54.459	ug/l	
77) Bromobenzene	12.75	156	156601	56.760	ug/l	98
78) n-propylbenzene	12.81	91	695614	53.080	ug/l	100
79) 2-Chlorotoluene	12.90	91	401378	54.512	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	512601	53.981	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	24652	48.387	ug/l	98
82) 4-Chlorotoluene	12.99	91	424516	55.038	ug/l	99
83) tert-Butylbenzene	13.21	119	457385	53.835	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	526992	54.843	ug/l	100
85) sec-Butylbenzene	13.39	105	635709	52.964	ug/l	100
86) p-Isopropyltoluene	13.51	119	581209	53.536	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	307749	56.048	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	306423	56.049	ug/l	99
89) n-Butylbenzene	13.83	91	512752	51.644	ug/l	99
90) Hexachloroethane	14.10	117	95323	51.836	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	280421	57.255	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17240	56.204	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102718\
Quantitation Report (QT Reviewed)

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Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	204740	54.328	ug/l	100
94) Hexachlorobutadiene	15.24	225	122105	51.578	ug/l	99
95) Naphthalene	15.38	128	370430	59.089	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	183155	56.189	ug/l	99

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

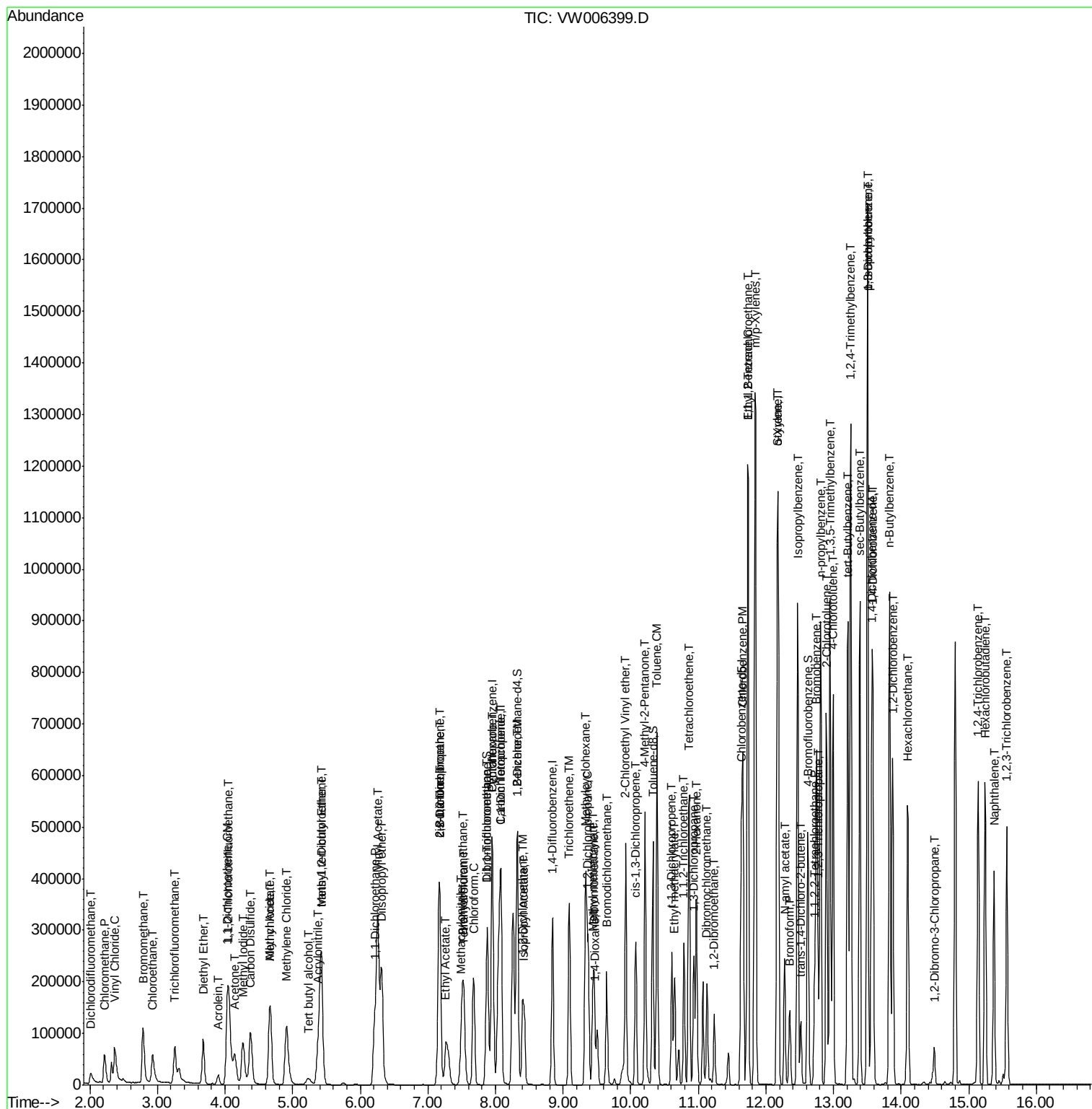
Data File : VW006399.D
Acq On : 26 Oct 2018 09:54
Operator : SY/AP
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 53 Sample Multiplier: 1

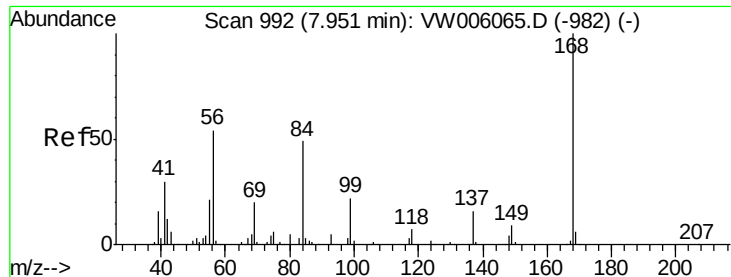
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006399.D

Acq: 26 Oct 2018 09:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 168 Resp: 196328

Ion Ratio Lower Upper

168 100

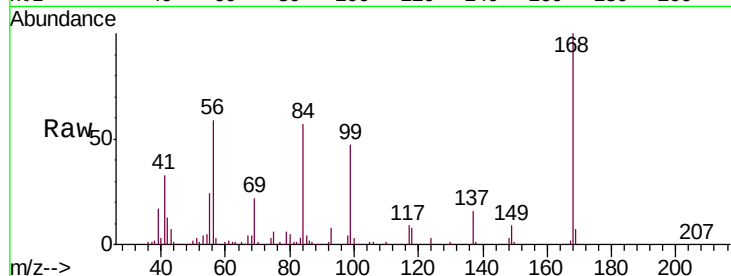
99 47.0 39.9 59.9

Manual Integrations

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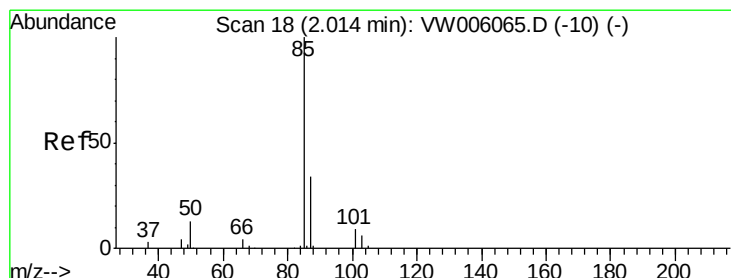
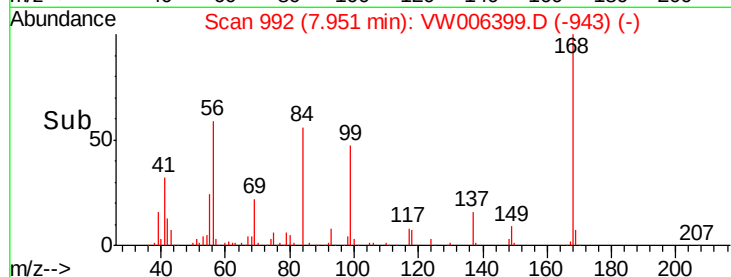
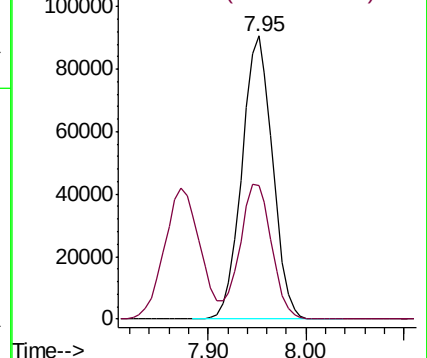
apatel

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 52.990 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW006399.D

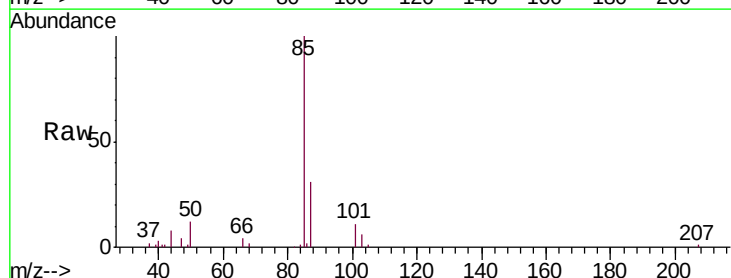
Acq: 26 Oct 2018 09:54

Tgt Ion: 85 Resp: 51482

Ion Ratio Lower Upper

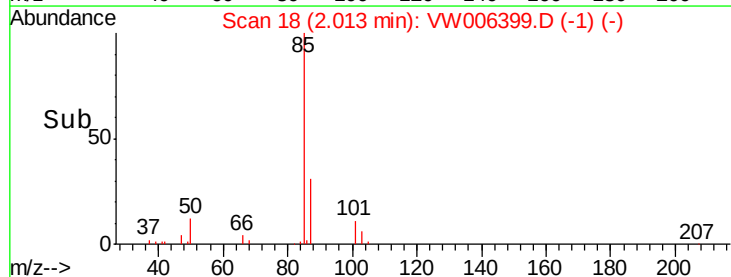
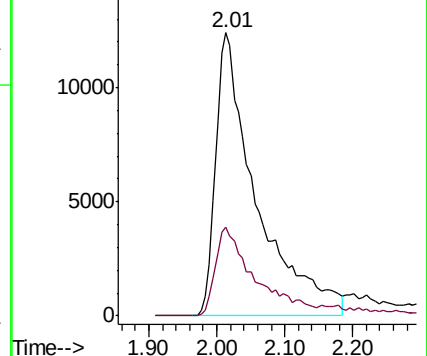
85 100

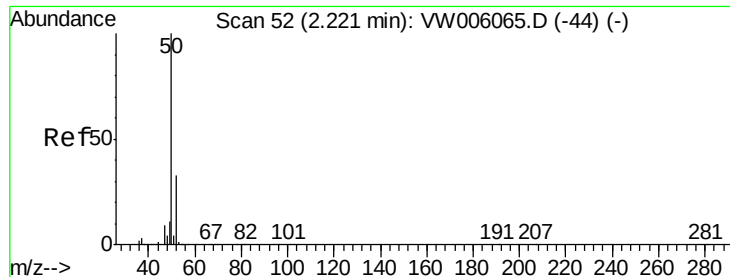
87 31.5 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 57.283 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006399.D

Acq: 26 Oct 2018 09:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 71638

Ion Ratio Lower Upper

50 100

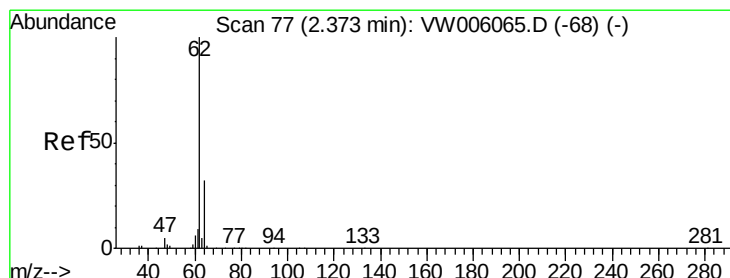
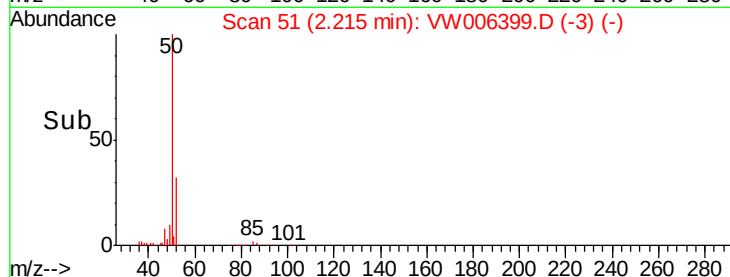
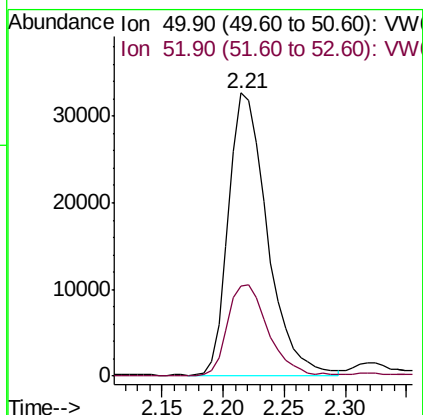
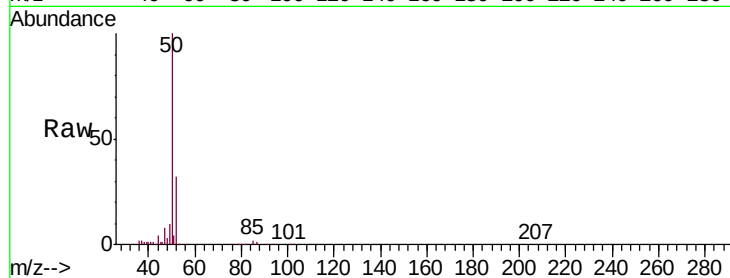
52 32.1 26.8 40.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 55.973 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006399.D

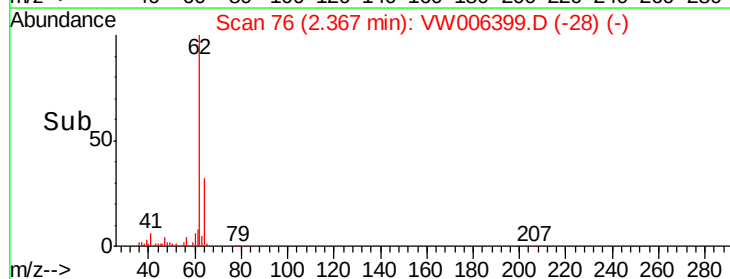
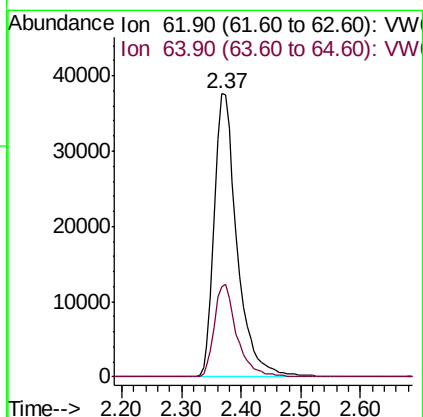
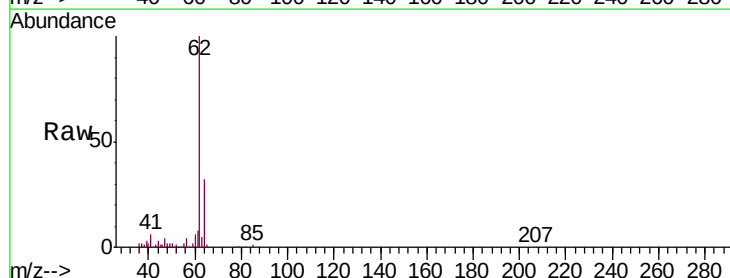
Acq: 26 Oct 2018 09:54

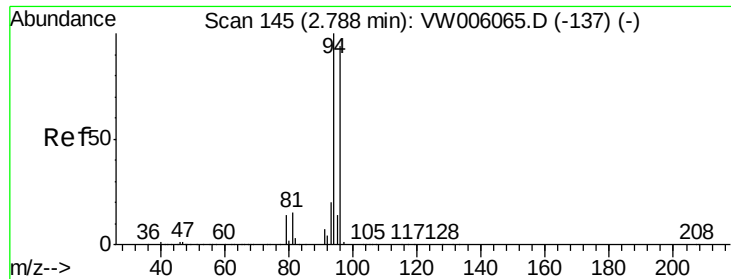
Tgt Ion: 62 Resp: 99966

Ion Ratio Lower Upper

62 100

64 31.8 25.9 38.9





#5

Bromomethane

Concen: 56.480 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.00 min

Lab File: VW006399.D

Acq: 26 Oct 2018 09:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 91747

Ion Ratio Lower Upper

94 100

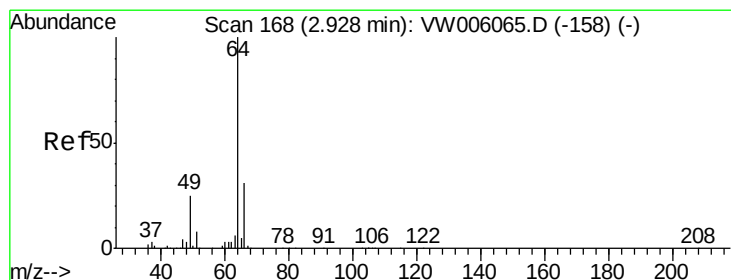
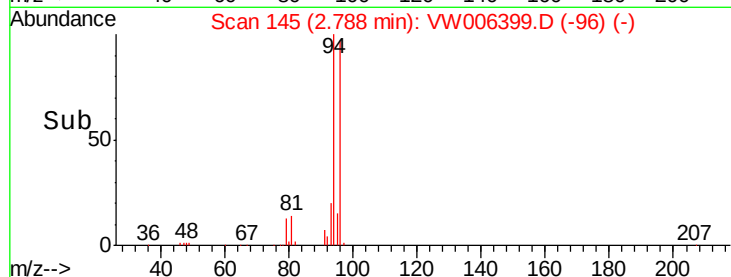
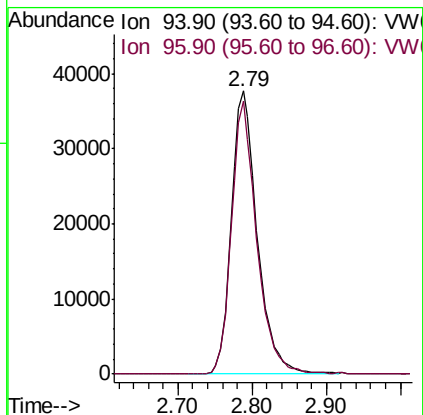
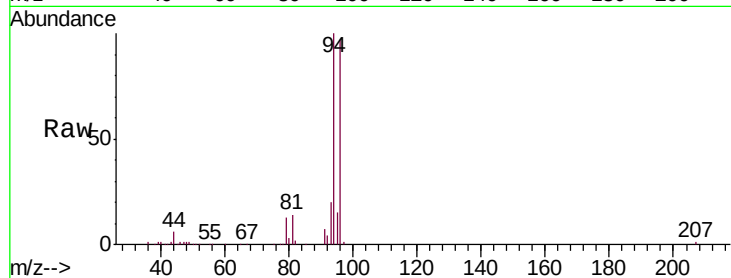
96 96.5 74.9 112.3

Manual Integrations

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#6

Chloroethane

Concen: 61.224 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW006399.D

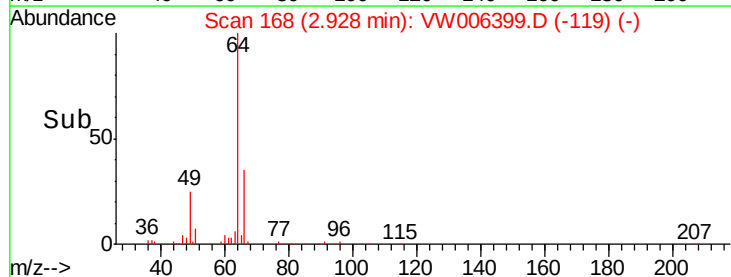
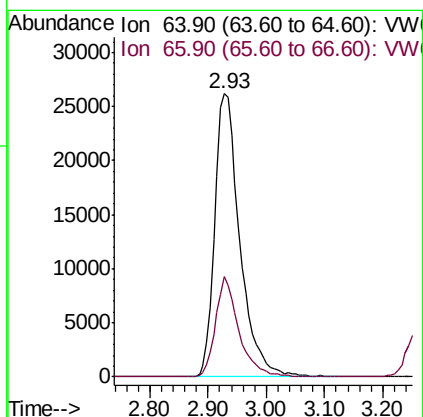
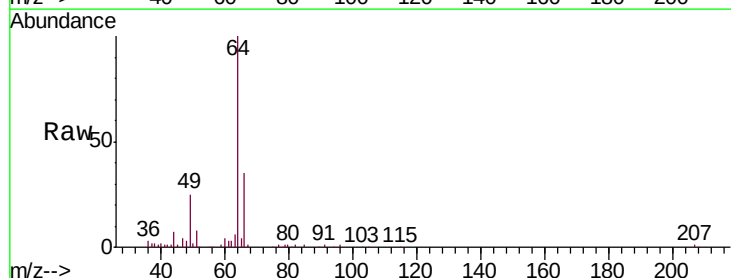
Acq: 26 Oct 2018 09:54

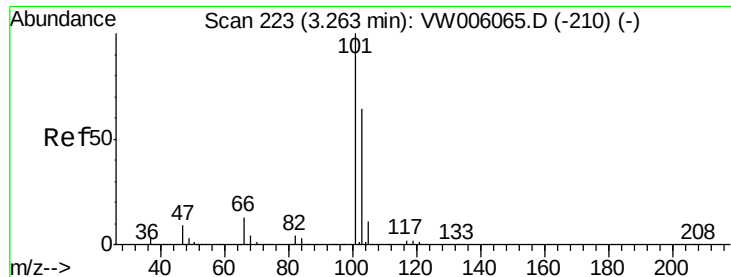
Tgt Ion: 64 Resp: 78360

Ion Ratio Lower Upper

64 100

66 35.5 24.9 37.3





#7

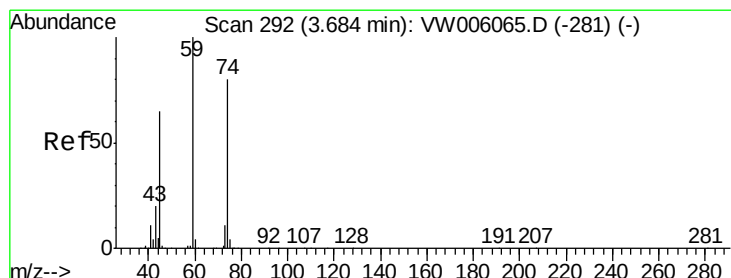
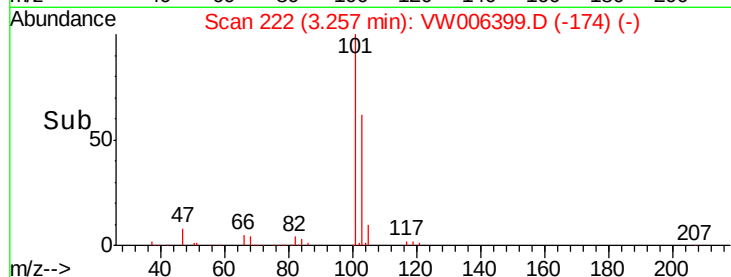
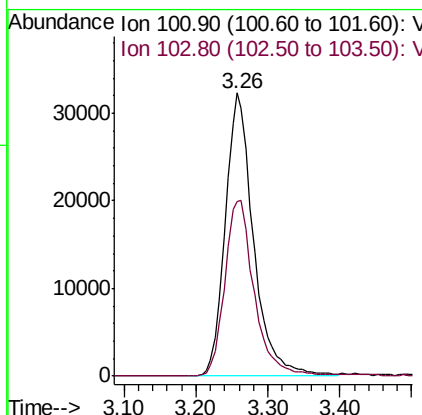
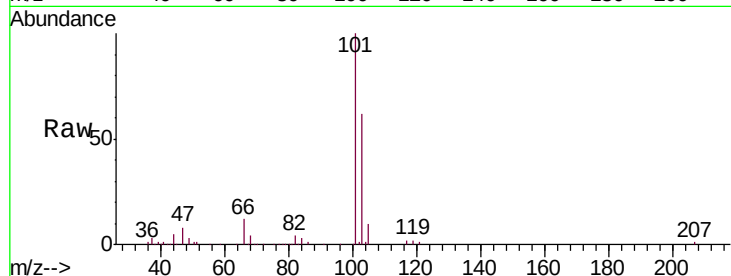
Trichlorofluoromethane
 Concen: 52.965 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006399.D
 Acq: 26 Oct 2018 09:54

Instrument :
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 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	88121		
103	61.6	51.2	76.8	

Manual Integrations
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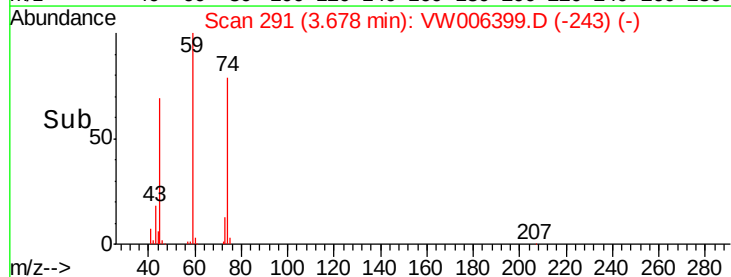
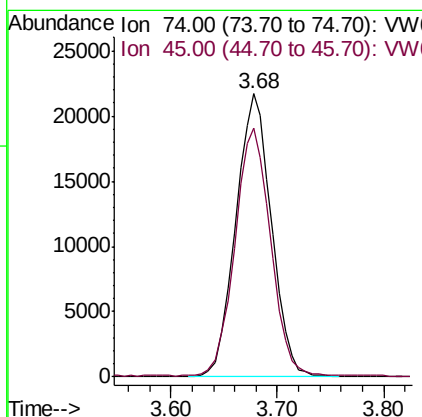
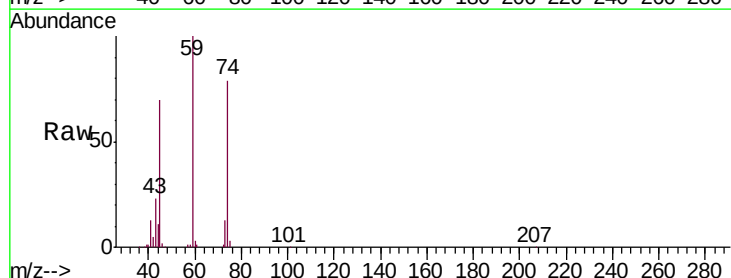
apatel
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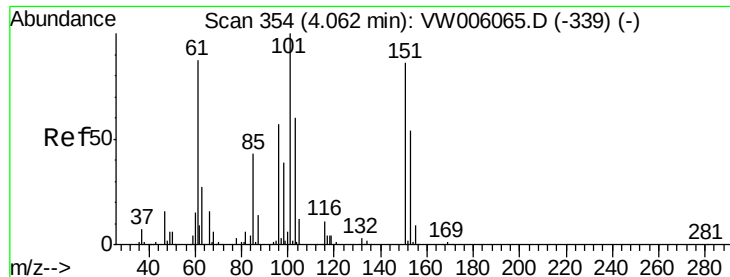


#8

Diethyl Ether
 Concen: 57.533 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006399.D
 Acq: 26 Oct 2018 09:54

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	50872		
45	88.0	42.8	128.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.596 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW006399.D

Acq: 26 Oct 2018 09:54

Instrument :

MSVOA_W

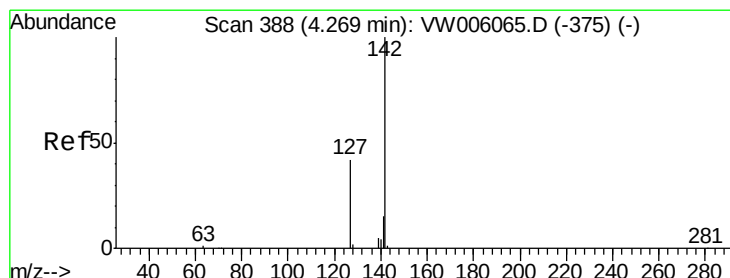
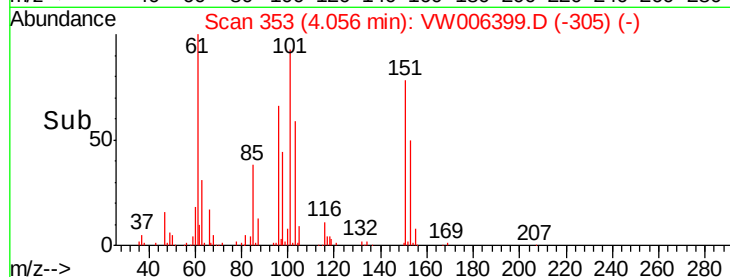
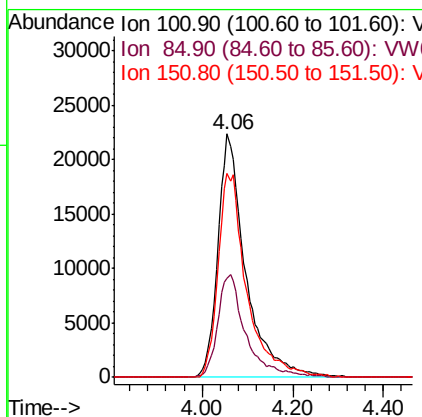
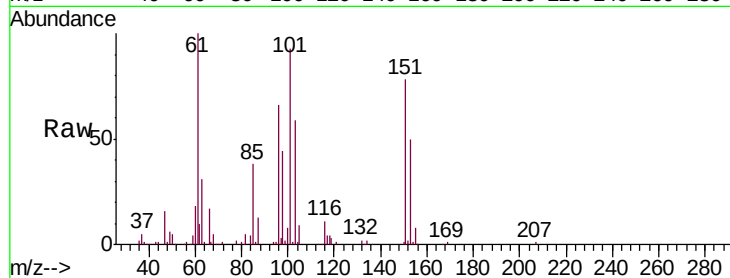
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	101	Resp:	95193
Ion Ratio	Lower	Upper	
101	100		
85	42.8	34.9	52.3
151	86.6	70.4	105.6

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#10

Methyl Iodide

Concen: 59.109 ug/l

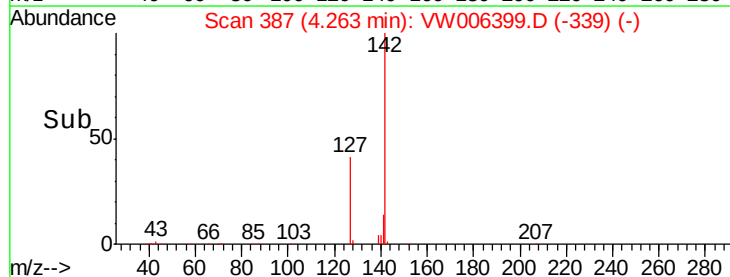
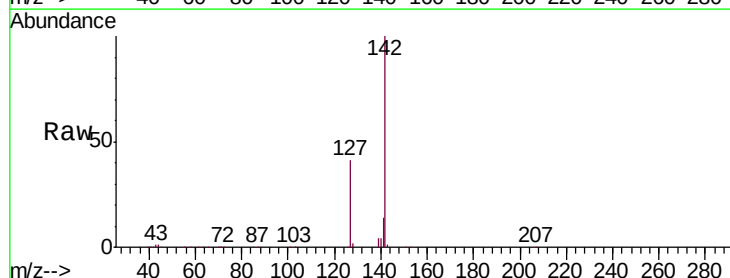
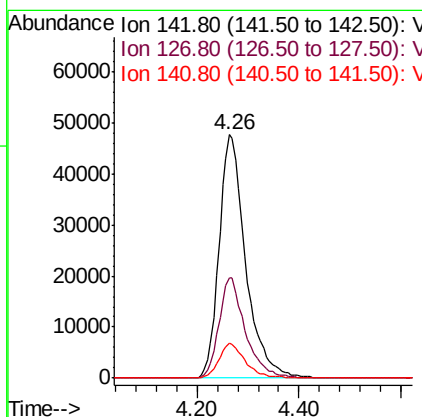
RT: 4.26 min Scan# 387

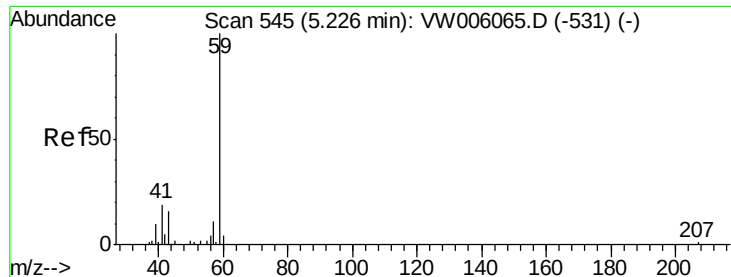
Delta R.T. -0.01 min

Lab File: VW006399.D

Acq: 26 Oct 2018 09:54

Tgt Ion:	142	Resp:	171537
Ion Ratio	Lower	Upper	
142	100		
127	41.1	33.6	50.4
141	14.2	11.6	17.4





#11

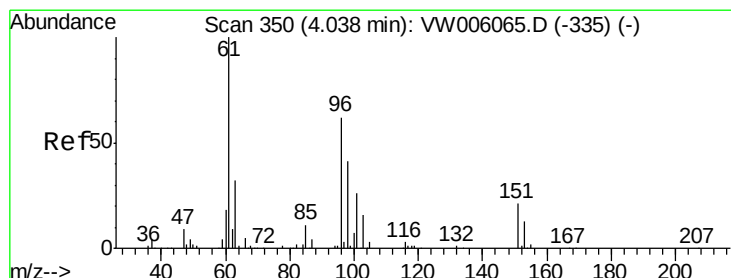
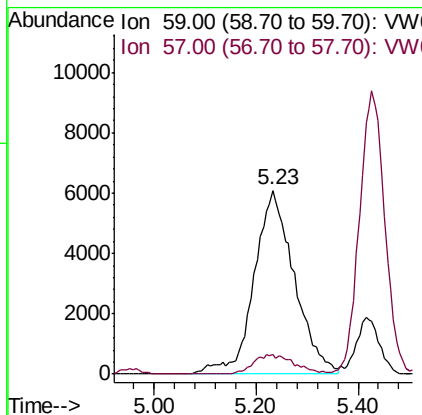
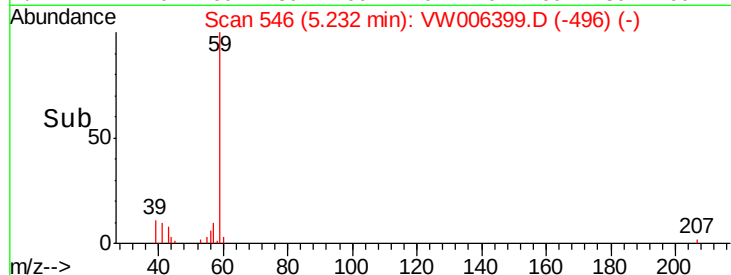
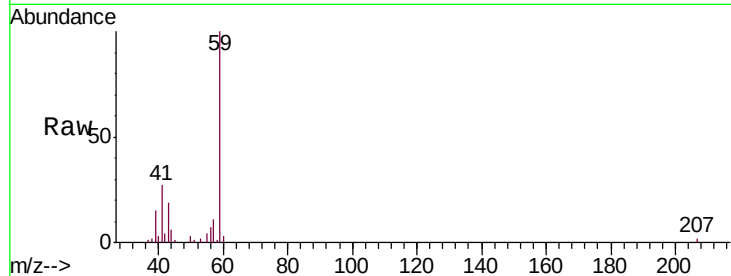
Tert butyl alcohol
Concen: 304.610 ug/l
RT: 5.23 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW006399.D
Acq: 26 Oct 2018 09:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 33345
Ion Ratio Lower Upper
59 100
57 11.0 8.7 13.1

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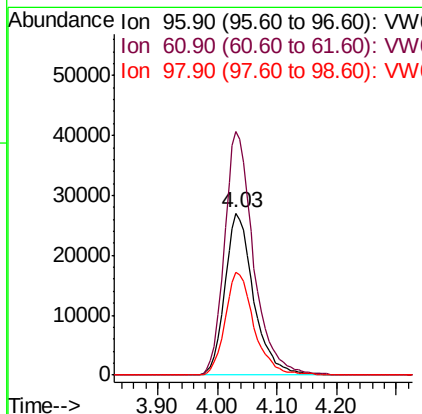
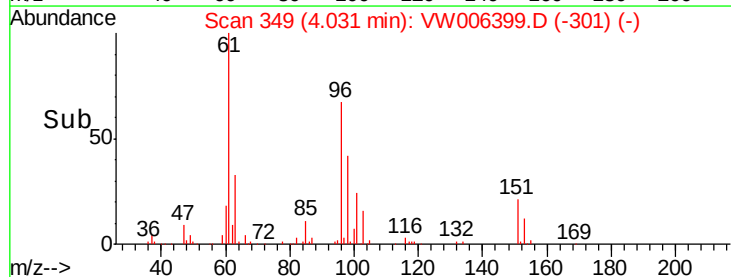
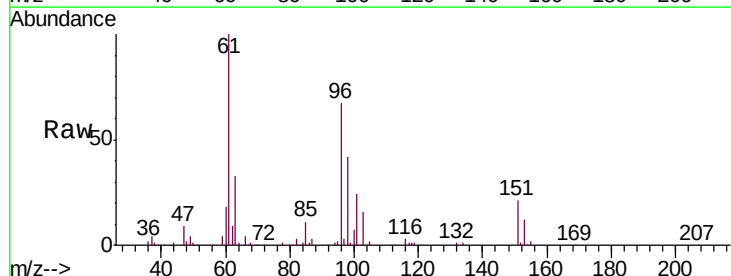
apatel
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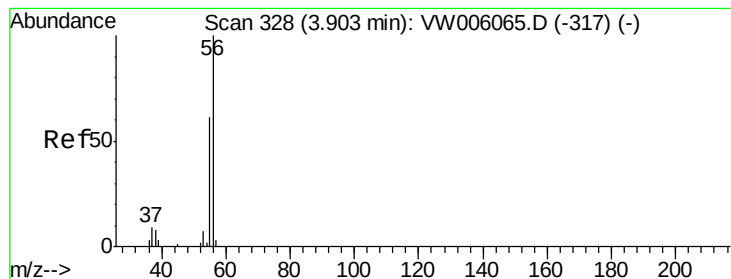


#12

1,1-Dichloroethene
Concen: 55.287 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006399.D
Acq: 26 Oct 2018 09:54

Tgt Ion: 96 Resp: 90692
Ion Ratio Lower Upper
96 100
61 150.3 129.3 193.9
98 63.6 53.1 79.7





#13

Acrolein

Concen: 224.282 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006399.D

Acq: 26 Oct 2018 09:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 23757

Ion Ratio Lower Upper

56 100

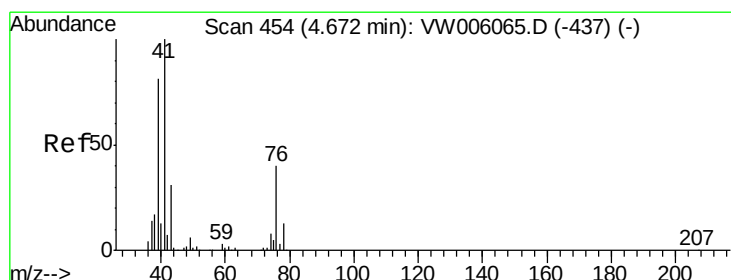
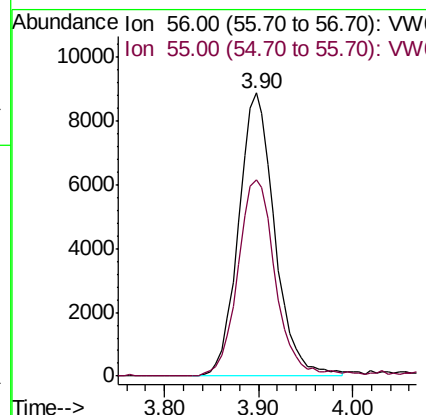
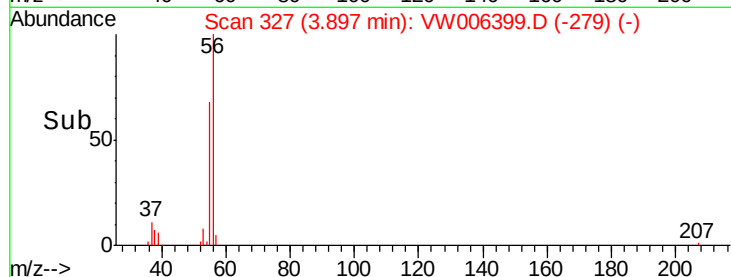
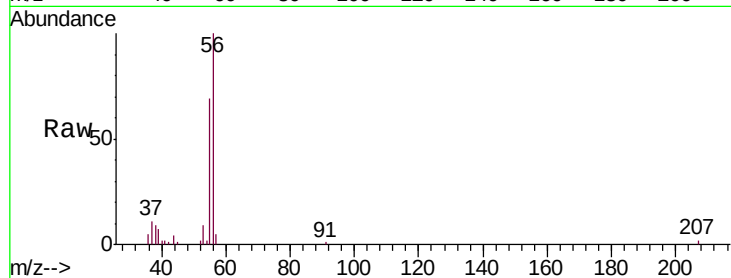
55 71.9 54.5 81.7

Manual Integrations

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#14

Allyl chloride

Concen: 53.229 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW006399.D

Acq: 26 Oct 2018 09:54

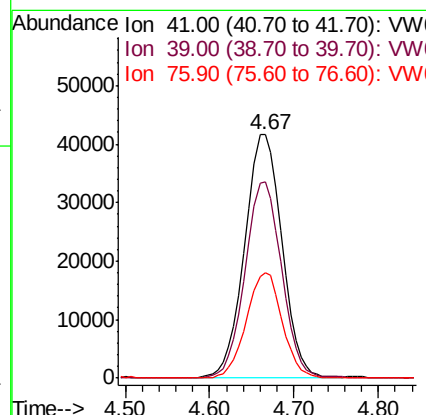
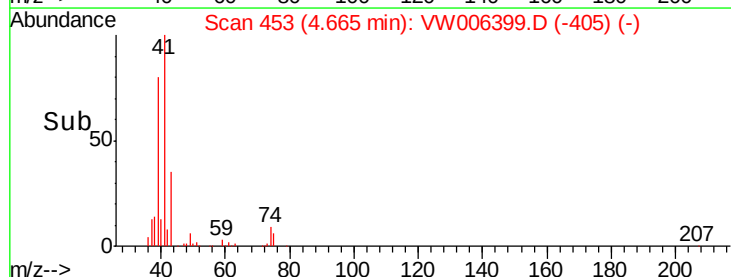
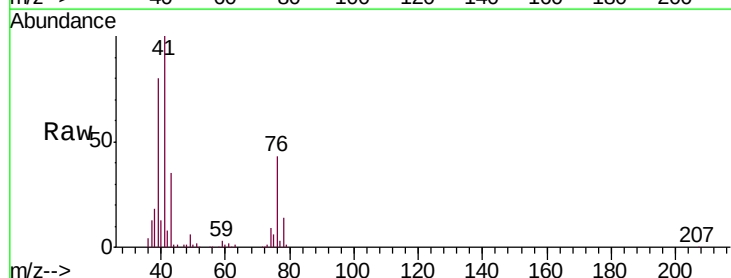
Tgt Ion: 41 Resp: 124848

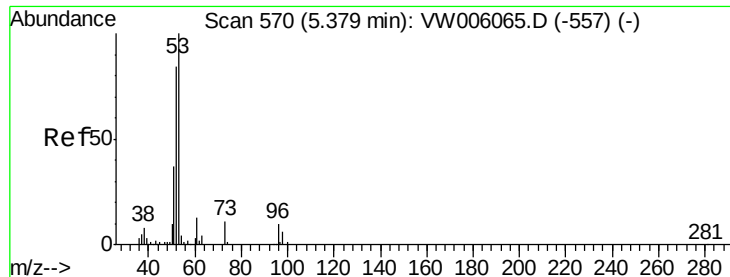
Ion Ratio Lower Upper

41 100

39 78.8 64.1 96.1

76 41.8 32.2 48.4





#15

Acrylonitrile

Concen: 332.951 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW006399.D

Acq: 26 Oct 2018 09:54

Instrument :

MSVOA_W

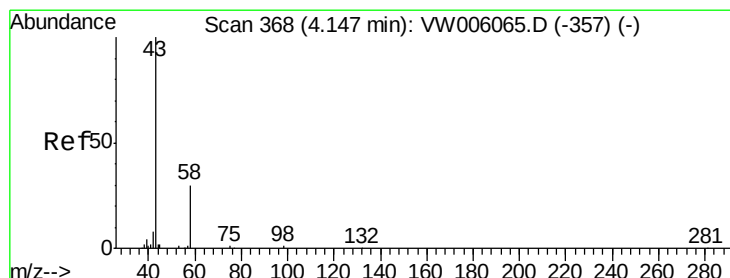
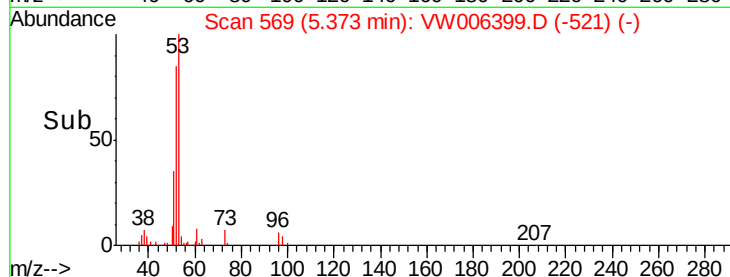
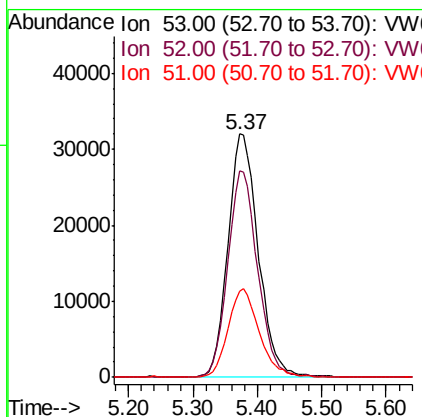
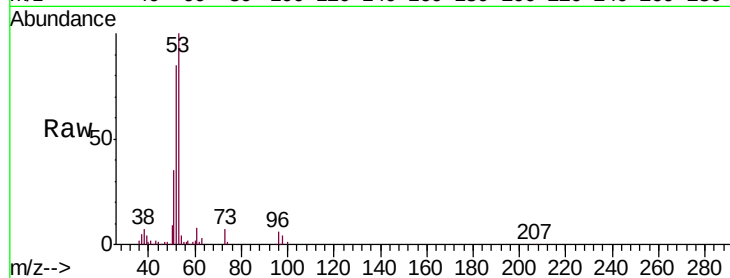
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	53	Resp:	105595
Ion Ratio		Lower	Upper
53	100		
52	83.2	66.9	100.3
51	37.4	30.1	45.1

Manual Integrations
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#16

Acetone

Concen: 291.781 ug/l

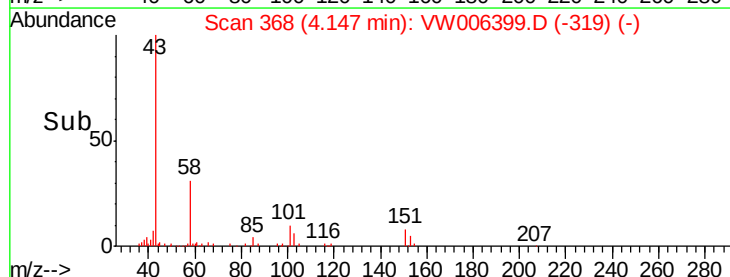
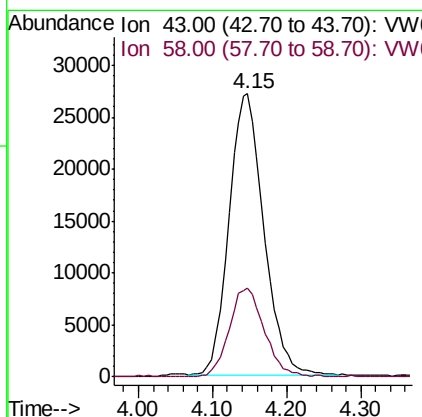
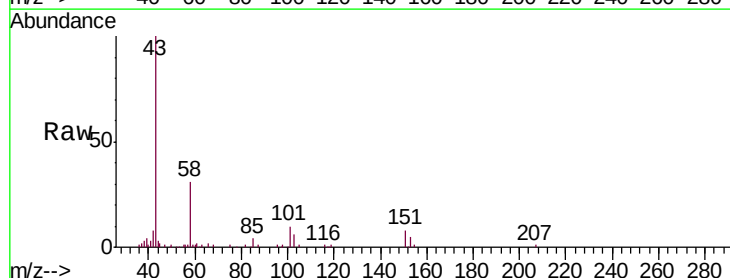
RT: 4.15 min Scan# 368

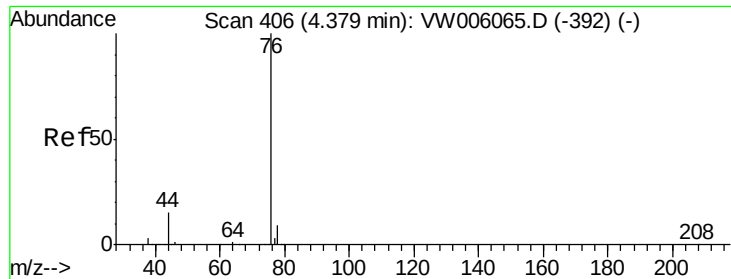
Delta R.T. 0.00 min

Lab File: VW006399.D

Acq: 26 Oct 2018 09:54

Tgt Ion:	43	Resp:	88343
Ion Ratio		Lower	Upper
43	100		
58	31.3	24.0	36.0





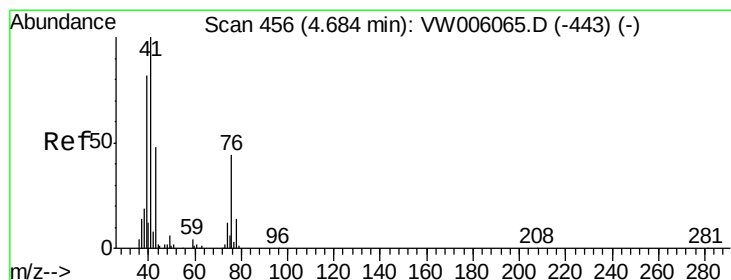
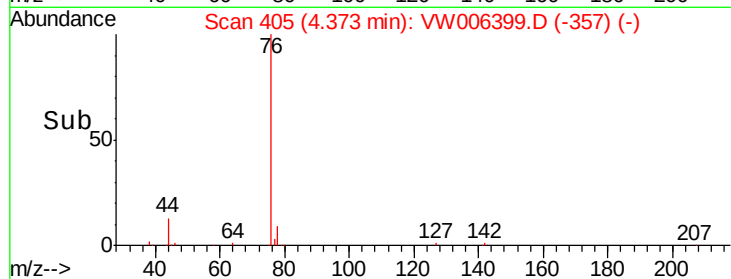
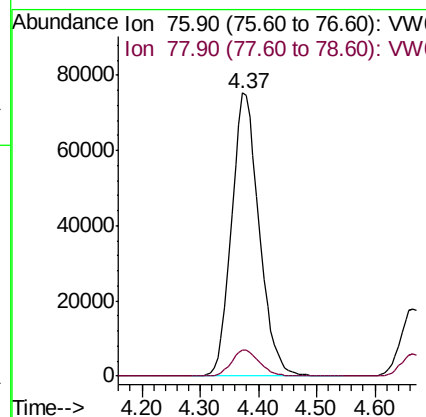
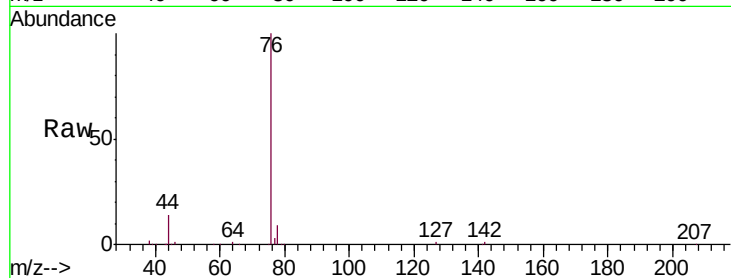
#17
Carbon Disulfide
Concen: 49.975 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW006399.D
Acq: 26 Oct 2018 09:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.5	11.3

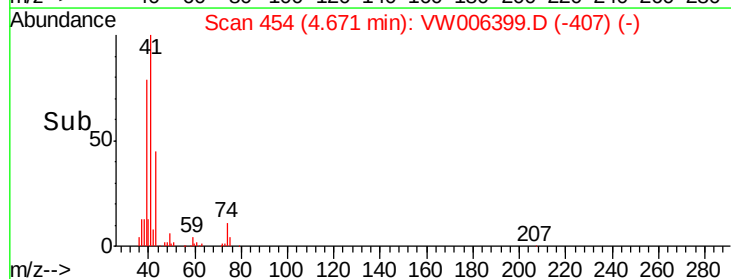
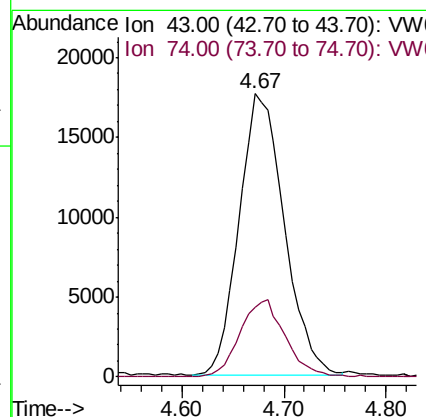
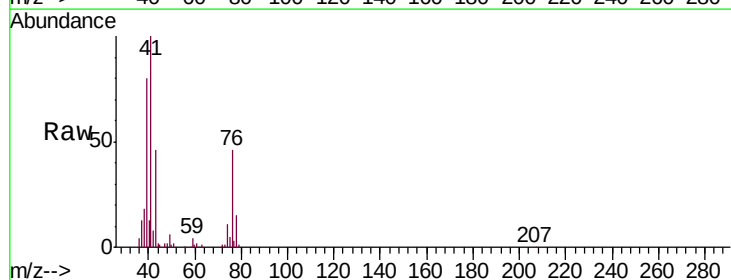
Manual Integrations
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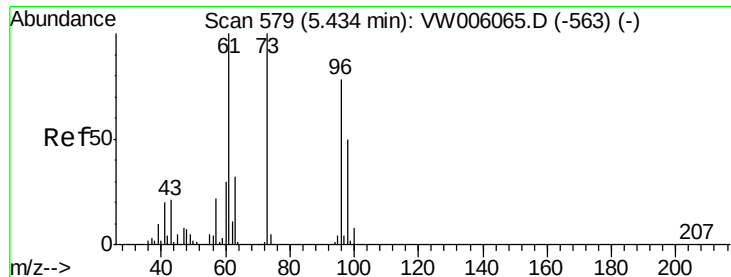
apatel
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#18
Methyl Acetate
Concen: 65.927 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW006399.D
Acq: 26 Oct 2018 09:54

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.5	20.5	30.7





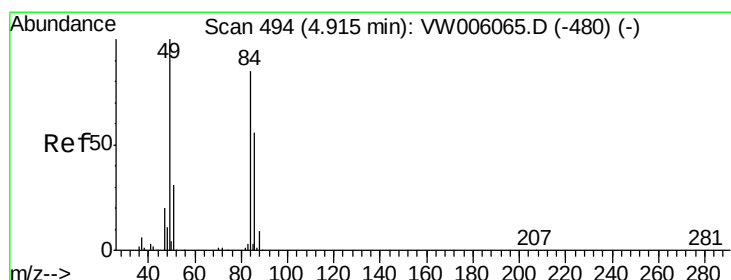
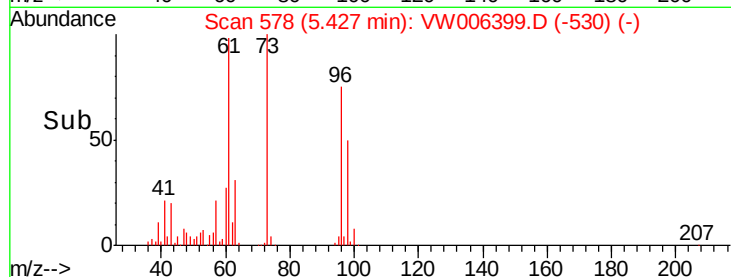
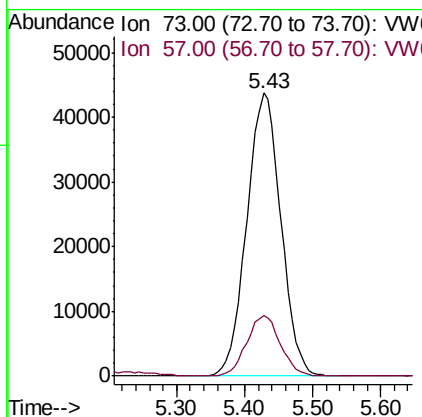
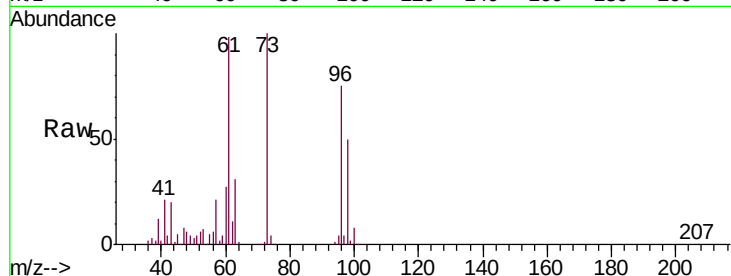
#19
Methyl tert-butyl Ether
Concen: 61.228 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006399.D
Acq: 26 Oct 2018 09:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 152976
Ion Ratio Lower Upper
73 100
57 21.5 17.4 26.2

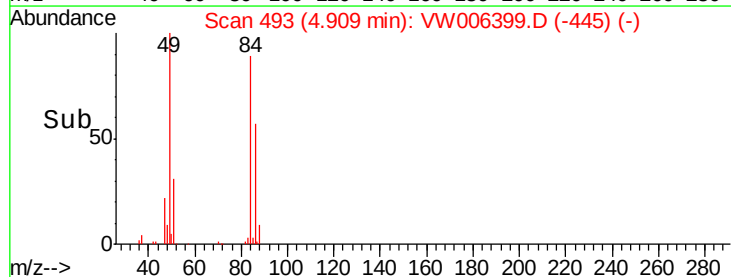
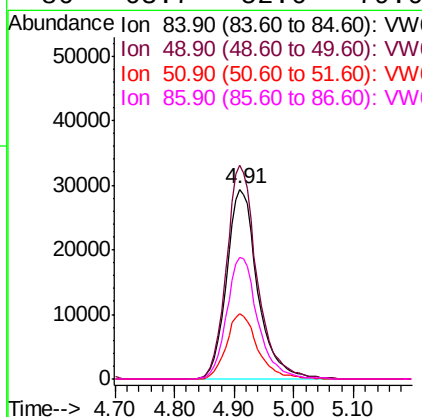
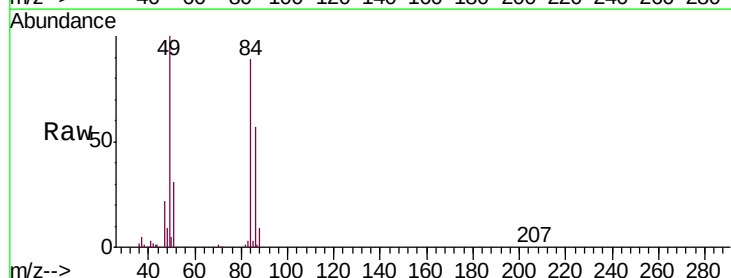
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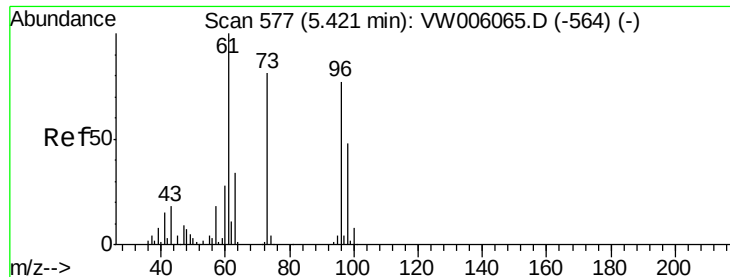
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#20
Methylene Chloride
Concen: 61.977 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006399.D
Acq: 26 Oct 2018 09:54

Tgt Ion: 84 Resp: 106068
Ion Ratio Lower Upper
84 100
49 112.4 93.6 140.4
51 34.4 29.0 43.4
86 63.7 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 58.141 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW006399.D

Acq: 26 Oct 2018 09:54

Instrument :

MSVOA_W

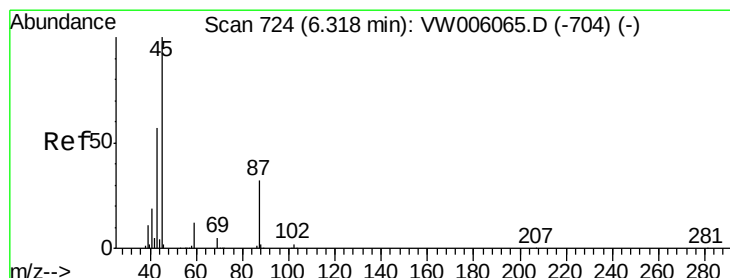
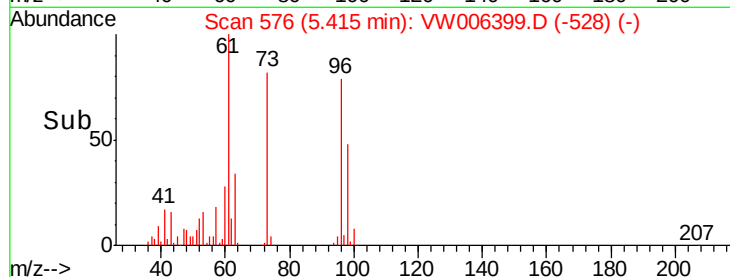
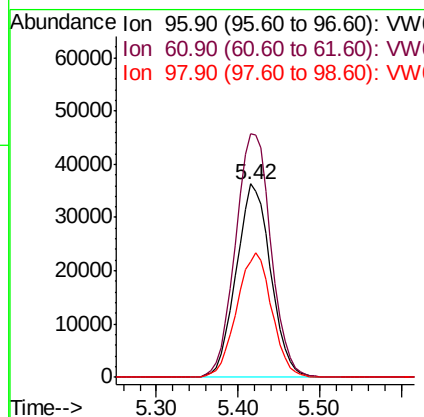
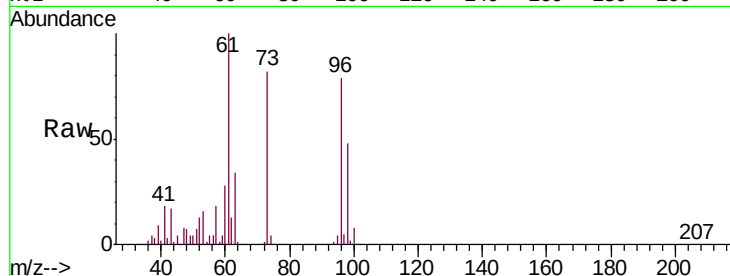
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	106455
Ion	Ratio	Lower	Upper
96	100		
61	126.0	104.5	156.7
98	60.1	50.6	75.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 60.253 ug/l

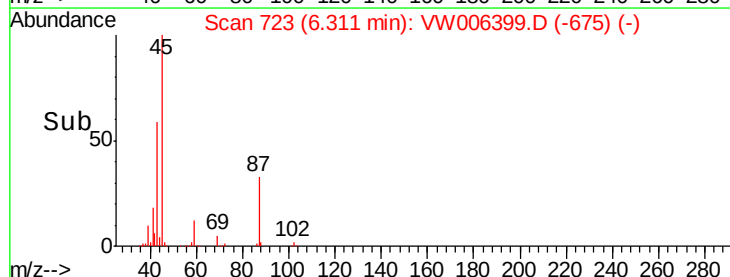
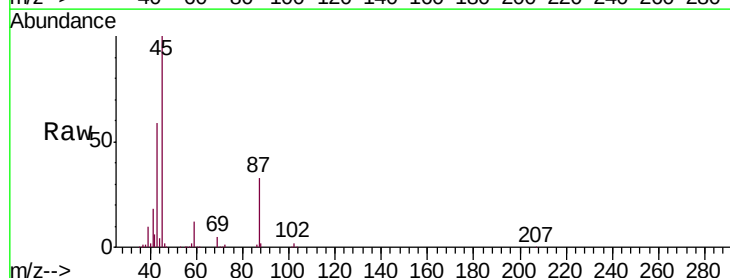
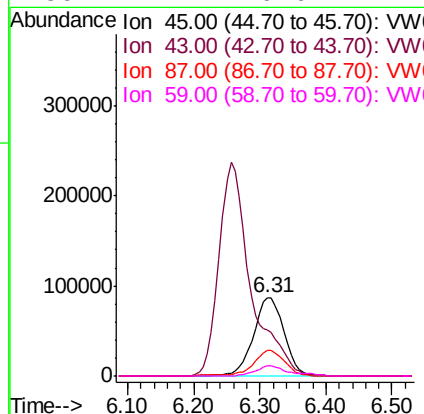
RT: 6.31 min Scan# 723

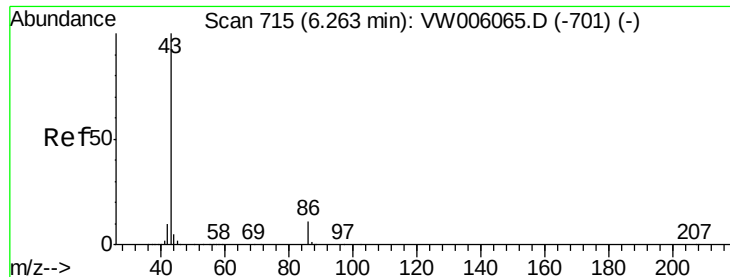
Delta R.T. -0.01 min

Lab File: VW006399.D

Acq: 26 Oct 2018 09:54

Tgt Ion:	45	Resp:	279273
Ion	Ratio	Lower	Upper
45	100		
43	58.8	45.7	68.5
87	33.0	25.9	38.9
59	12.1	9.6	14.4





#23

Vinyl Acetate

Concen: 290.112 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006399.D

Acq: 26 Oct 2018 09:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 793568

Ion Ratio Lower Upper

43 100

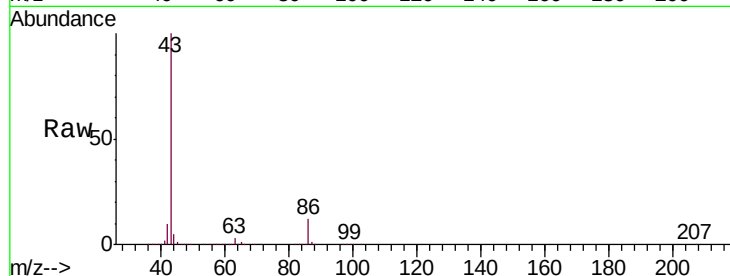
86 11.7 9.0 13.6

Manual Integrations

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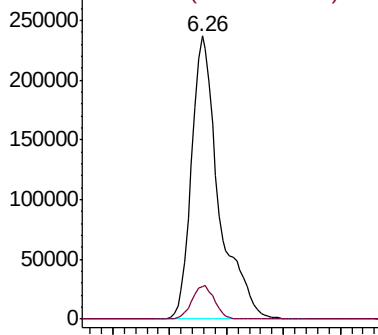
apatel

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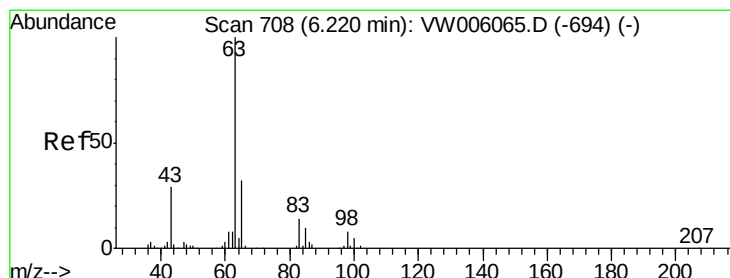
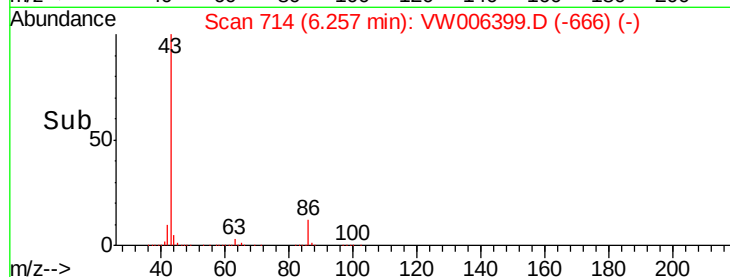


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 61.316 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006399.D

Acq: 26 Oct 2018 09:54

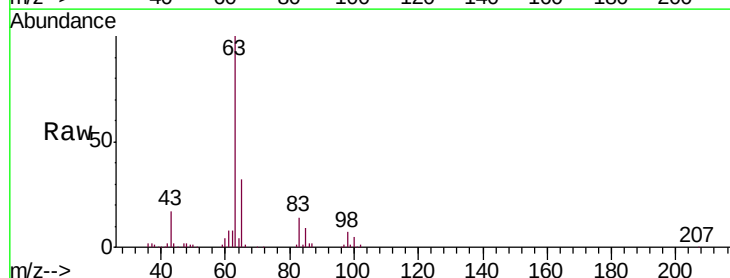
Tgt Ion: 63 Resp: 183385

Ion Ratio Lower Upper

63 100

98 7.1 3.8 11.2

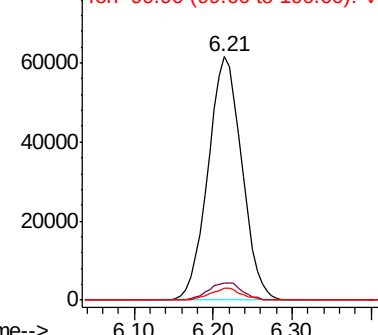
100 4.7 2.5 7.5



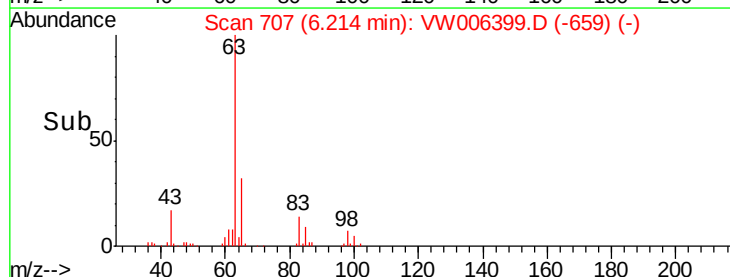
Abundance Ion 62.90 (62.60 to 63.60): VW

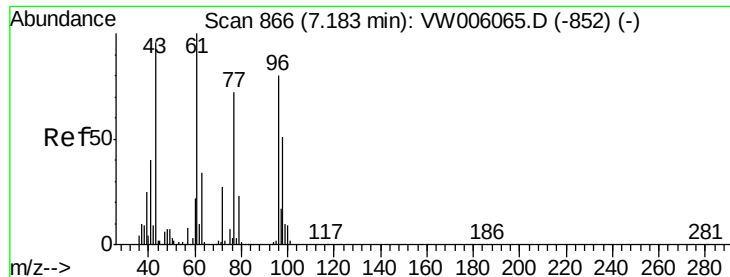
Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->





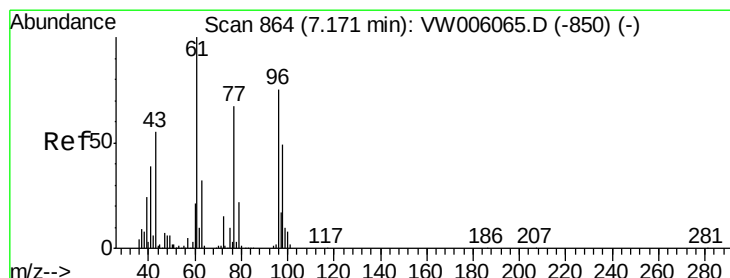
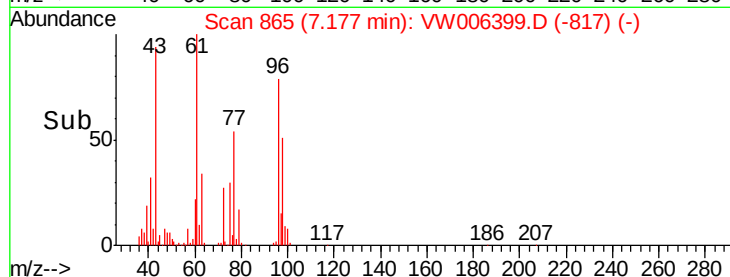
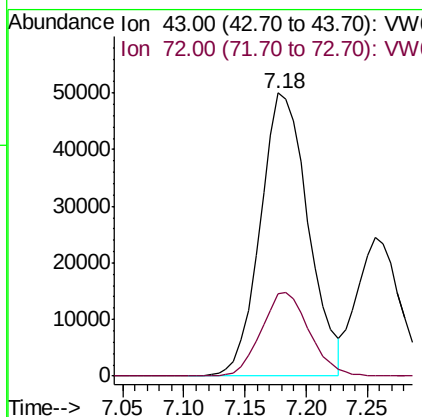
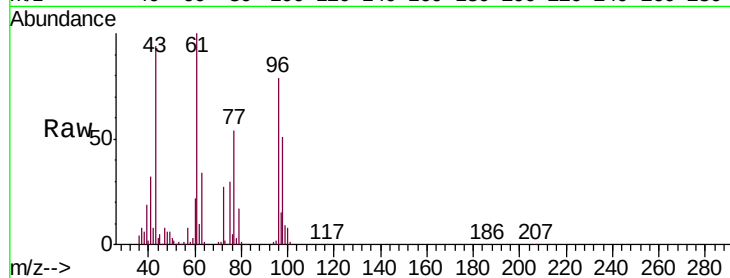
#25
2-Butanone
Concen: 311.413 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.01 min
Lab File: VW006399.D
Acq: 26 Oct 2018 09:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 136932
Ion Ratio Lower Upper
43 100
72 29.0 22.8 34.2

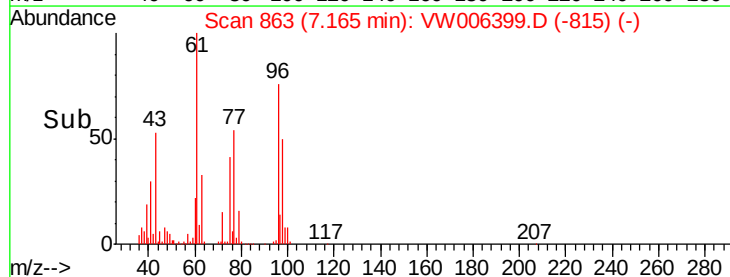
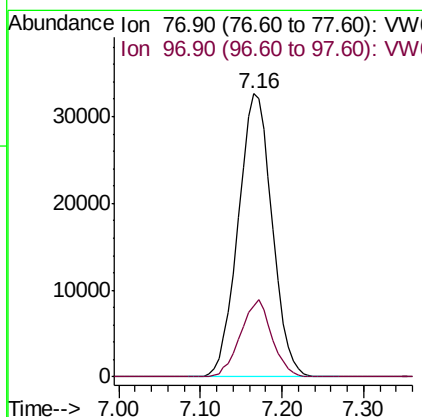
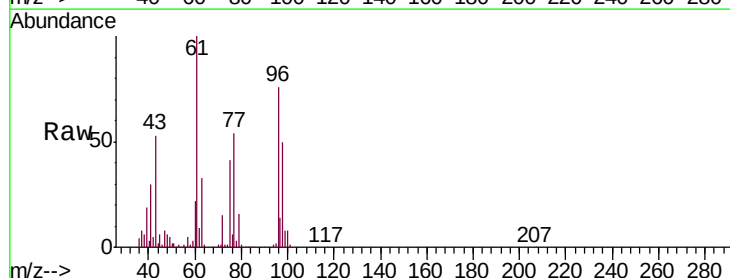
Manual Integrations
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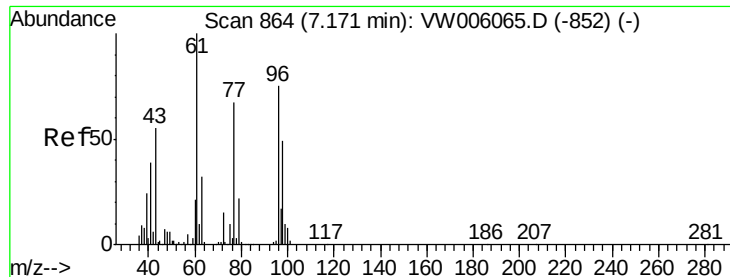
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#26
2,2-Dichloropropane
Concen: 44.711 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW006399.D
Acq: 26 Oct 2018 09:54

Tgt Ion: 77 Resp: 94313
Ion Ratio Lower Upper
77 100
97 25.3 12.2 36.4





#27

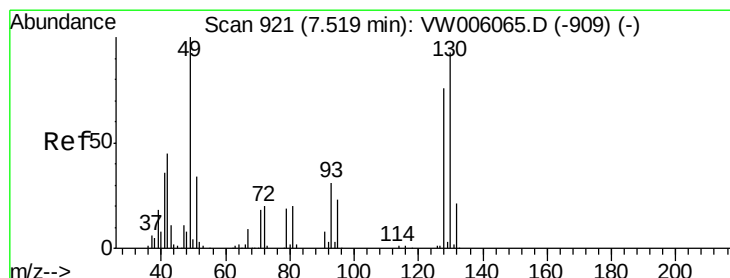
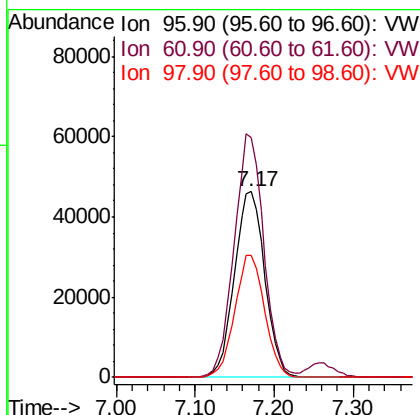
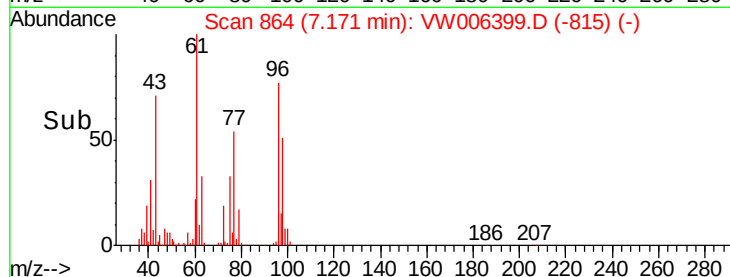
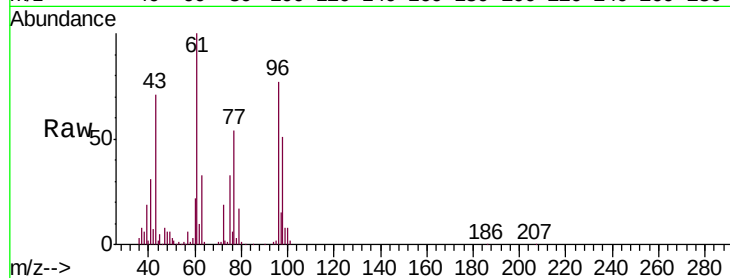
cis-1,2-Dichloroethene
Concen: 61.227 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW006399.D
Acq: 26 Oct 2018 09:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	123713		
61	128.3	0.0	267.2	
98	64.8	0.0	128.6	

Manual Integrations
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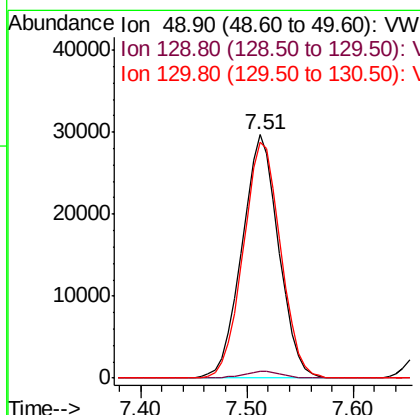
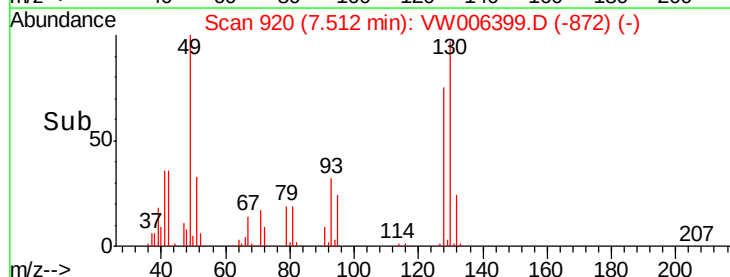
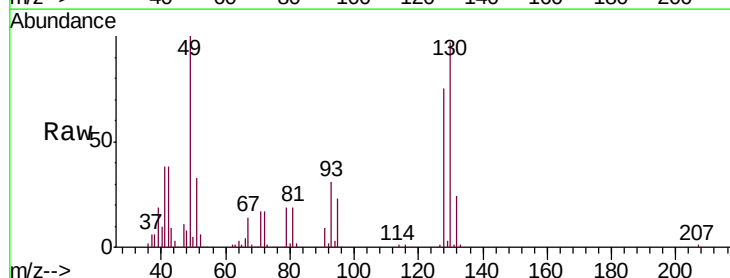
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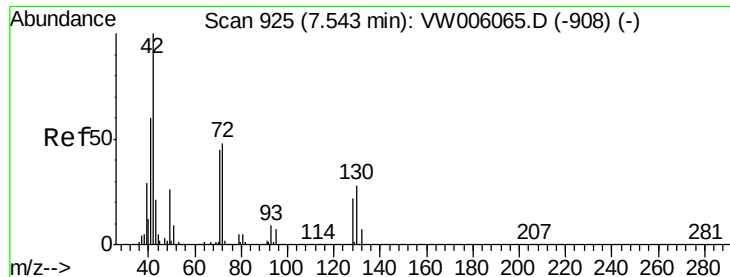


#28

Bromochloromethane
Concen: 62.246 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW006399.D
Acq: 26 Oct 2018 09:54

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	71871		
129	2.7	0.0	5.0	
130	98.9	73.8	110.8	





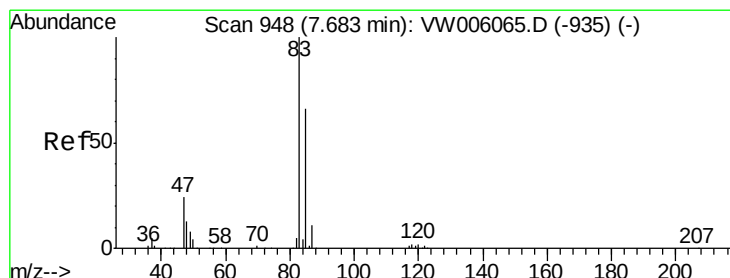
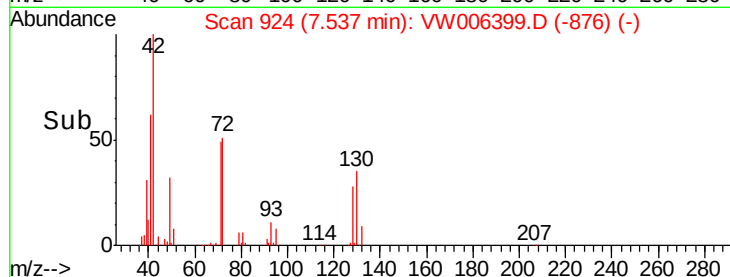
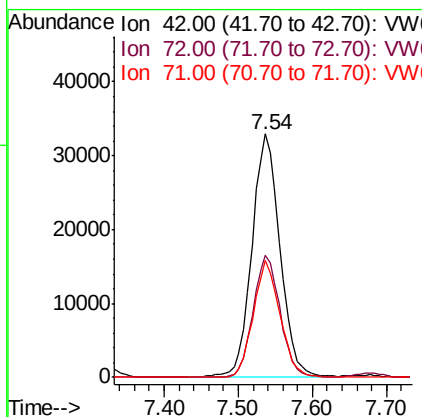
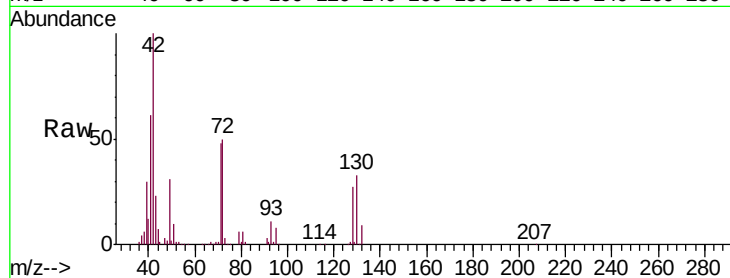
#29
Tetrahydrofuran
Concen: 322.990 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006399.D
Acq: 26 Oct 2018 09:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	48.2	38.0	57.0
71	45.4	35.3	52.9

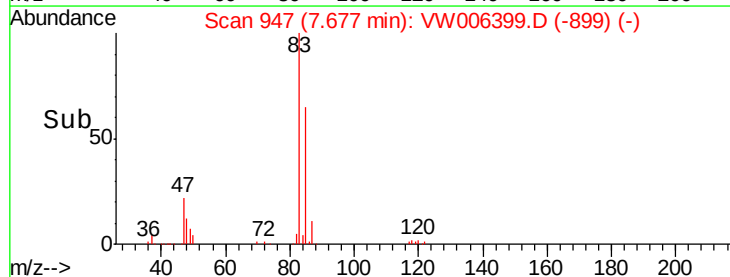
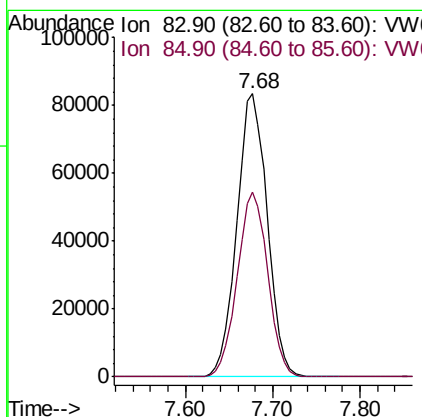
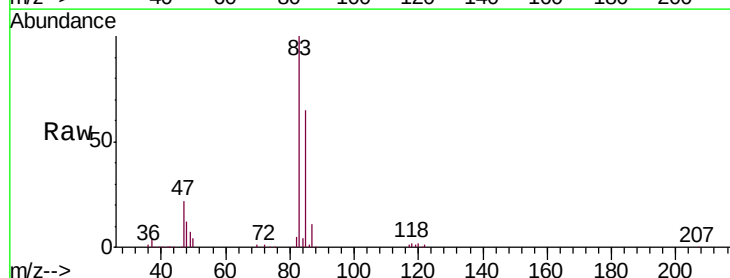
Manual Integrations
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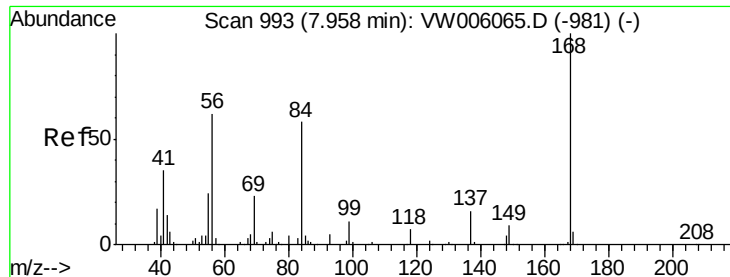
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#30
Chloroform
Concen: 61.894 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006399.D
Acq: 26 Oct 2018 09:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	52.6	79.0





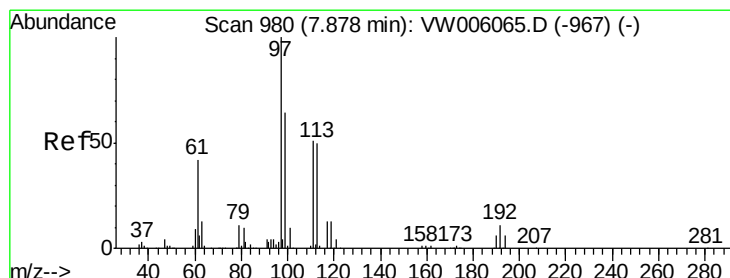
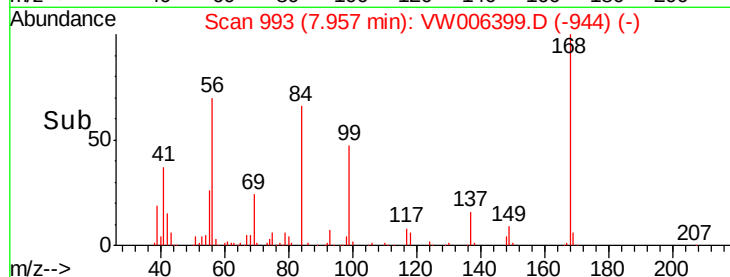
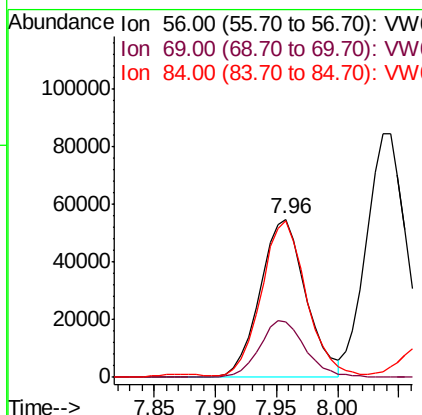
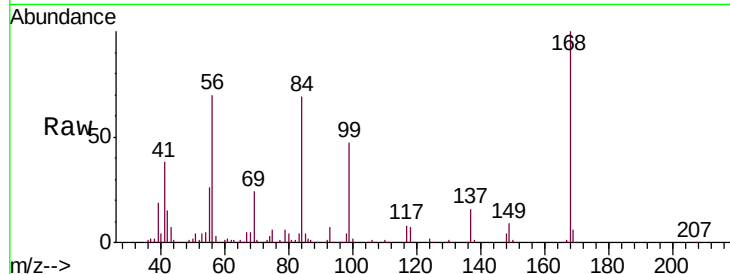
#31
Cyclohexane
Concen: 48.113 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW006399.D
Acq: 26 Oct 2018 09:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
56	100		
69	34.9	29.4	44.0
84	97.6	74.0	111.0

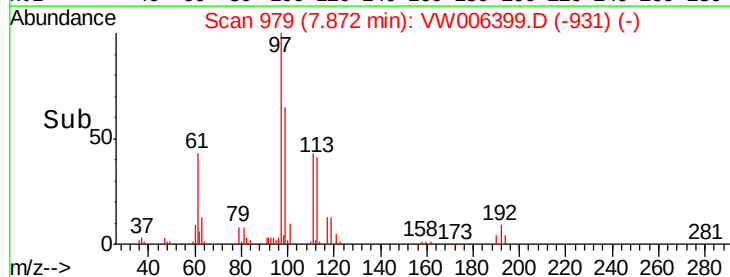
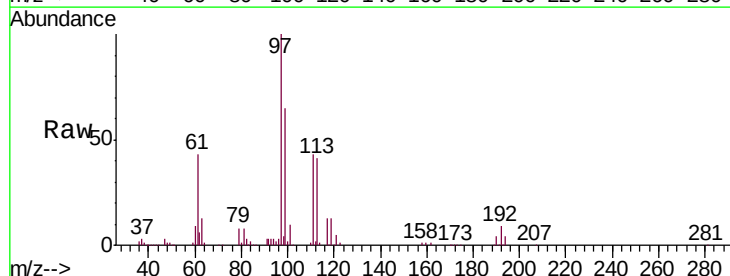
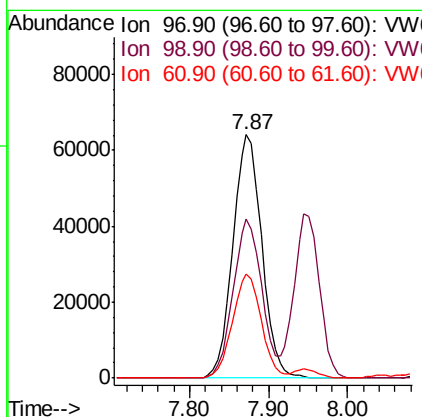
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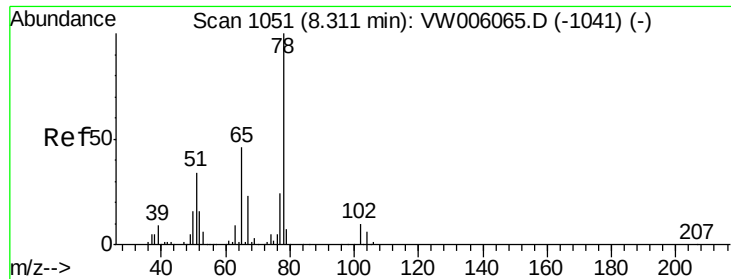
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#32
1,1,1-Trichloroethane
Concen: 55.759 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW006399.D
Acq: 26 Oct 2018 09:54

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	50.9	76.3
61	42.5	33.7	50.5





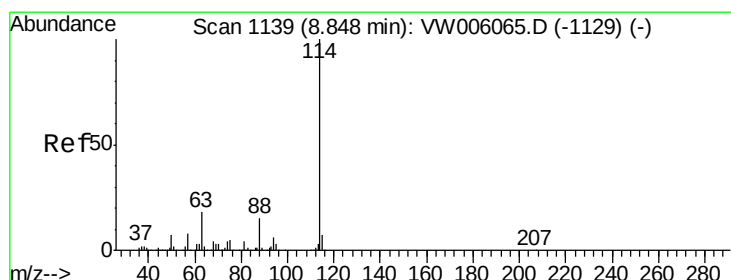
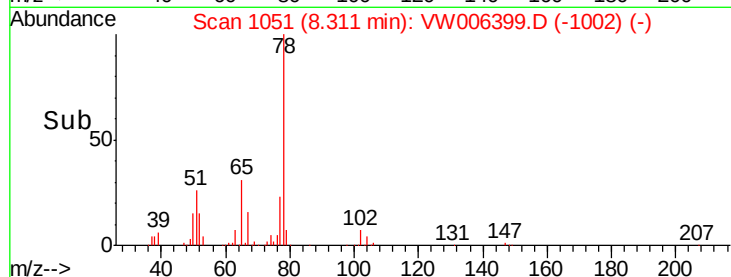
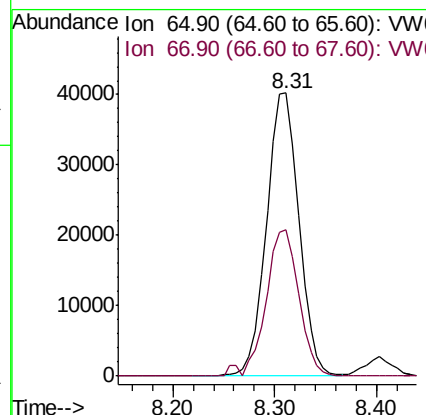
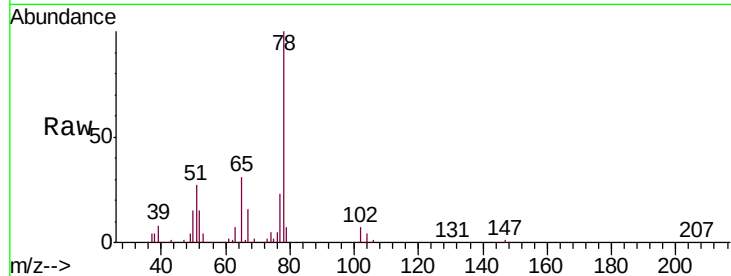
#33
 1,2-Dichloroethane-d4
 Concen: 54.616 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006399.D
 Acq: 26 Oct 2018 09:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	88896		
67	52.8	0.0	101.0	

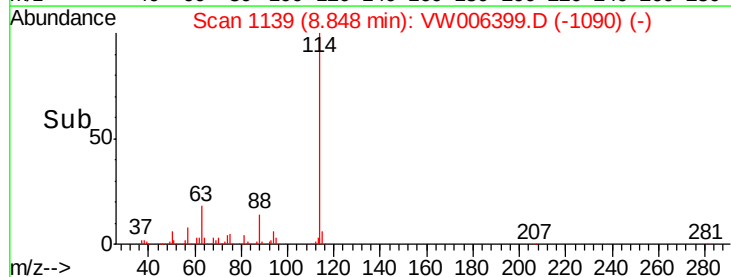
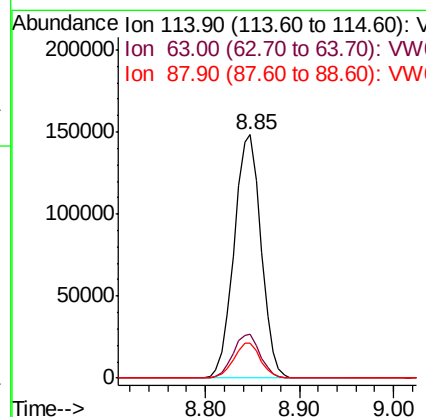
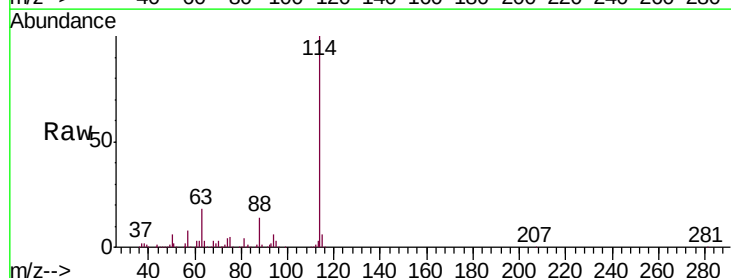
Manual Integrations
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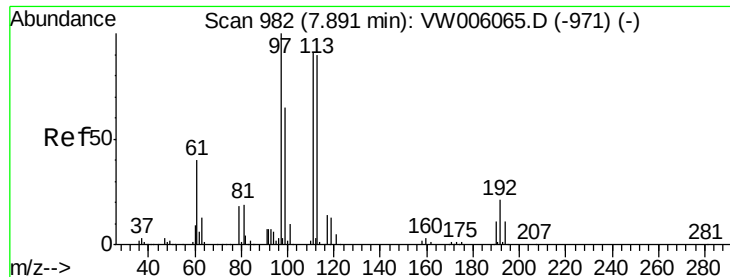
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006399.D
 Acq: 26 Oct 2018 09:54

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	294349		
63	17.9	0.0	36.8	
88	14.3	0.0	29.0	





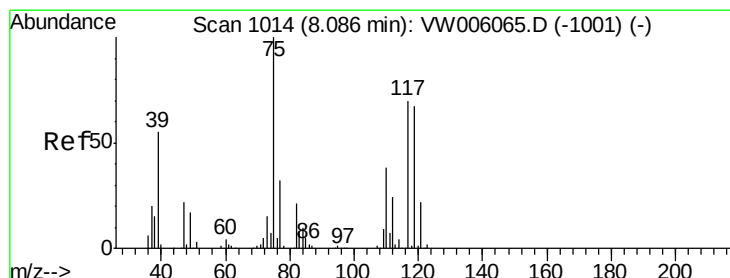
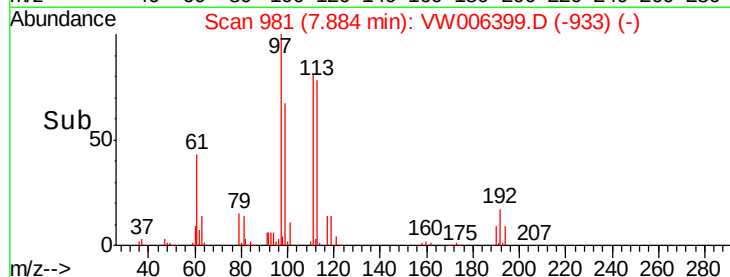
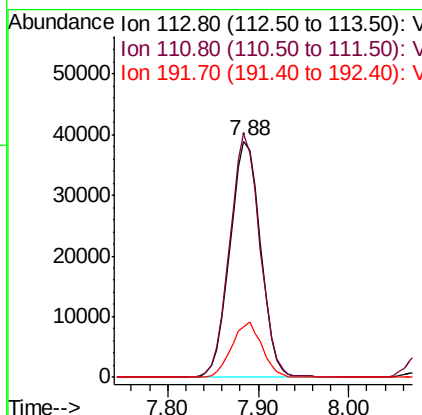
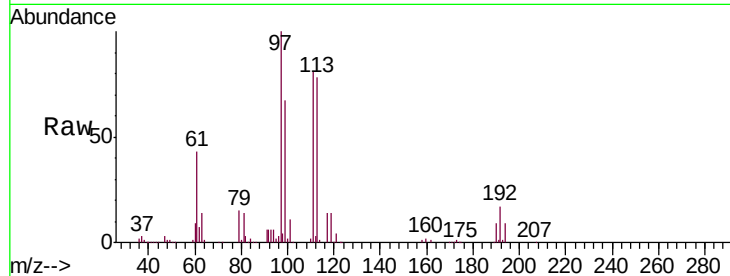
#35
 Dibromofluoromethane
 Concen: 52.584 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006399.D
 Acq: 26 Oct 2018 09:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.4	122.0
192	23.0	18.7	28.1

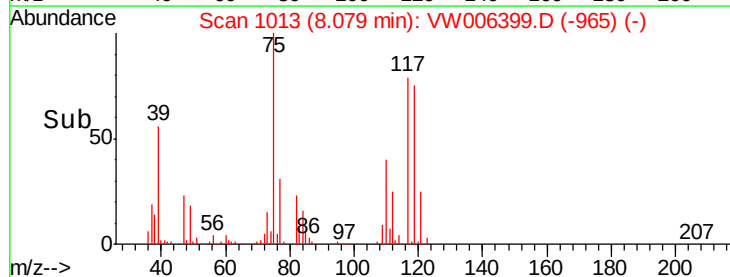
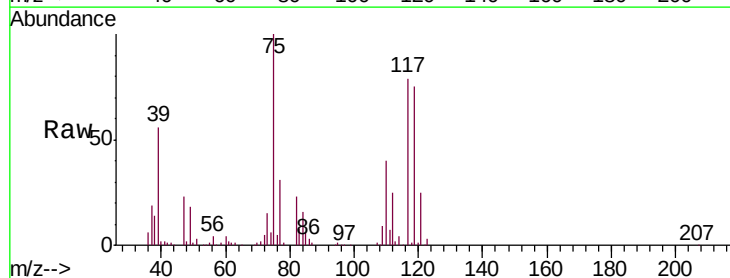
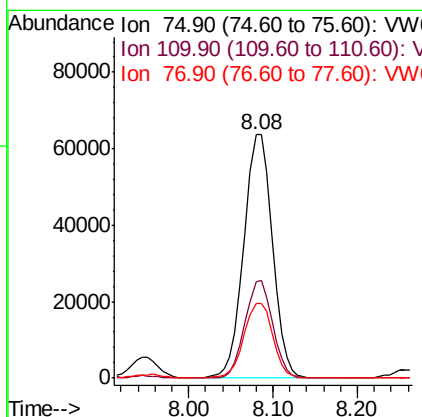
Manual Integrations
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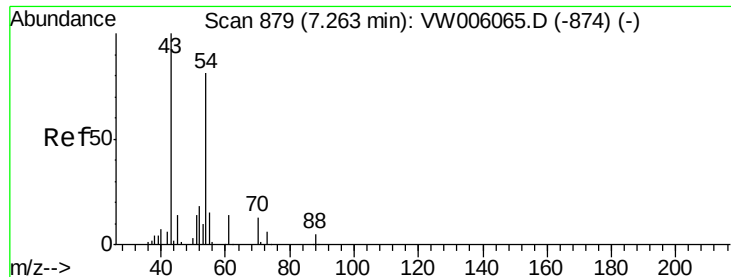
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#36
 1,1-Dichloropropene
 Concen: 53.867 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW006399.D
 Acq: 26 Oct 2018 09:54

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.7	19.1	57.1
77	31.1	25.0	37.4





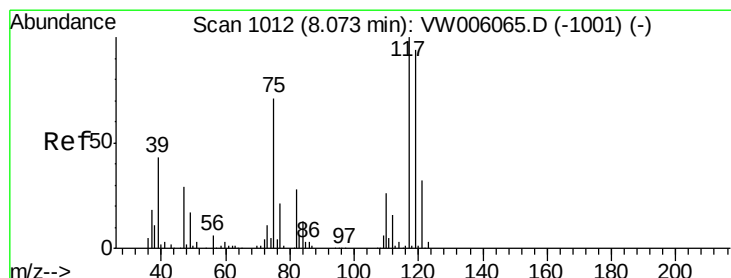
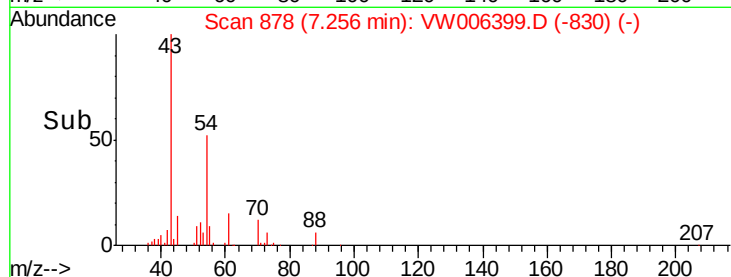
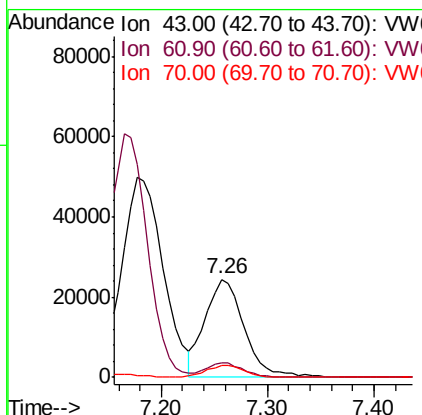
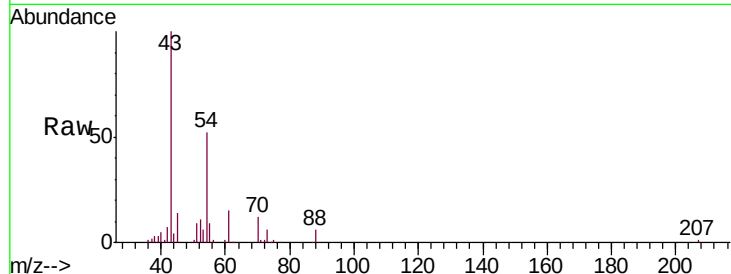
#37
Ethyl Acetate
Concen: 60.906 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006399.D
Acq: 26 Oct 2018 09:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 61394
Ion Ratio Lower Upper
43 100
61 14.5 11.5 17.3
70 11.8 9.2 13.8

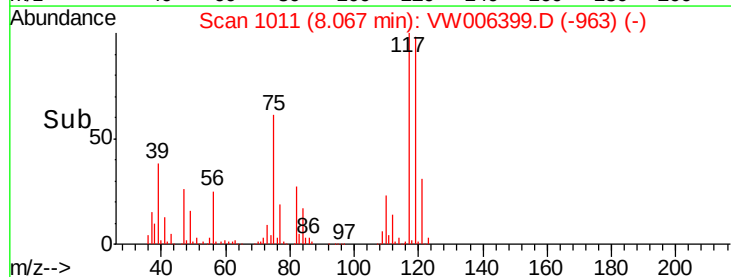
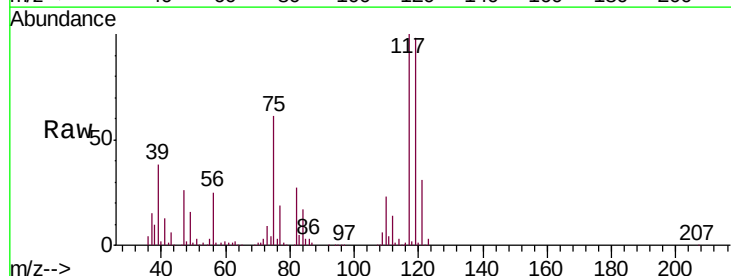
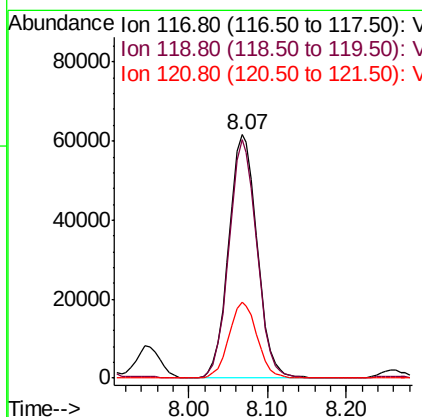
Manual Integrations
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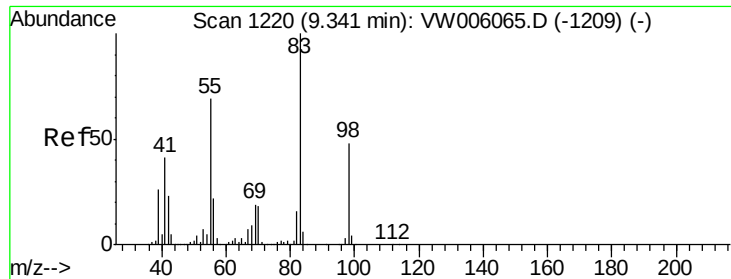
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#38
Carbon Tetrachloride
Concen: 52.009 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006399.D
Acq: 26 Oct 2018 09:54

Tgt Ion: 117 Resp: 154685
Ion Ratio Lower Upper
117 100
119 98.1 75.2 112.8
121 31.2 25.3 37.9





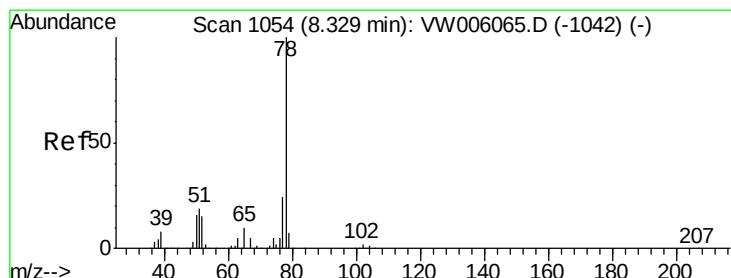
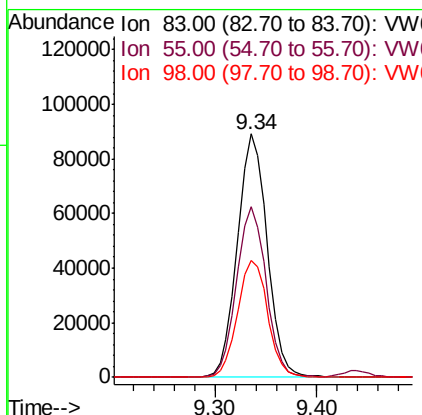
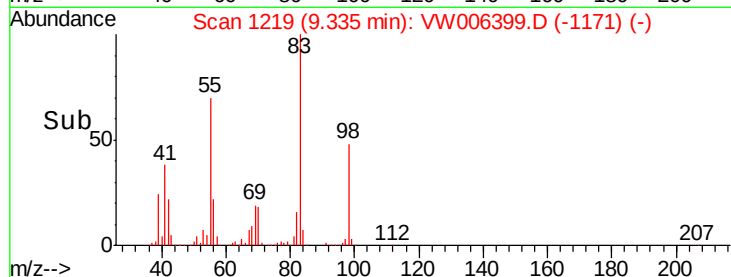
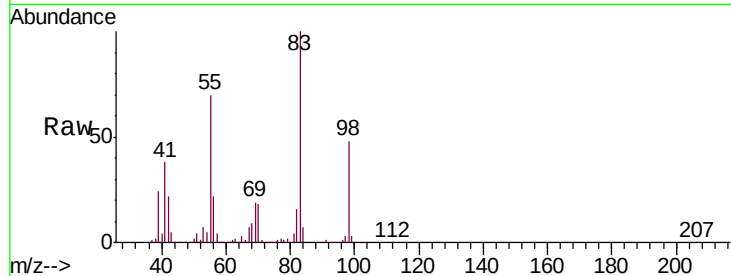
#39
Methylcyclohexane
Concen: 50.172 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006399.D
Acq: 26 Oct 2018 09:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
55	70.0	55.0	82.6
98	47.8	38.6	57.8

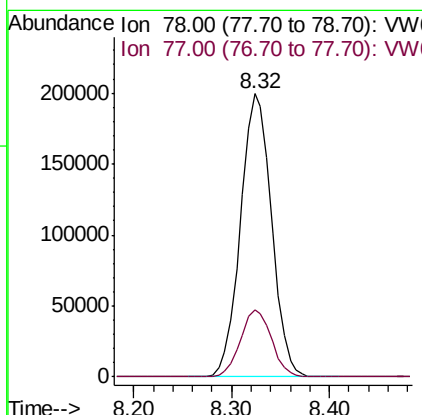
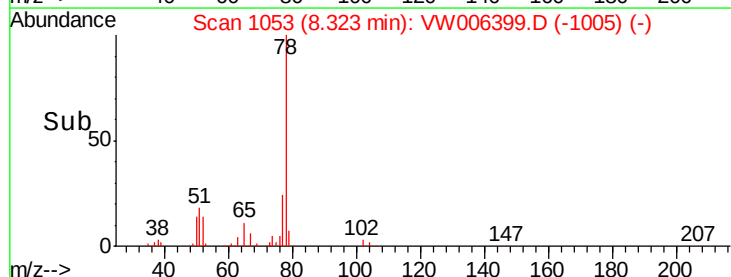
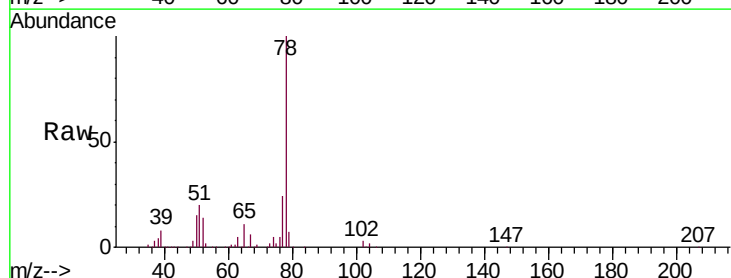
Manual Integrations
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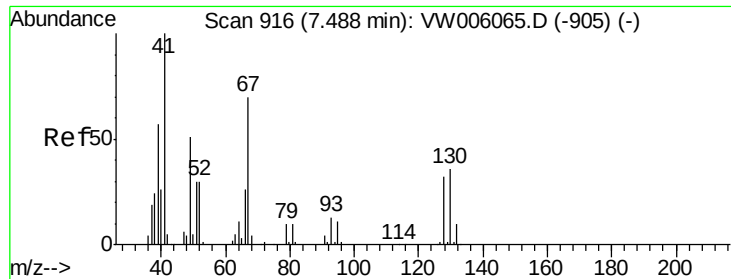
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#40
Benzene
Concen: 58.874 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006399.D
Acq: 26 Oct 2018 09:54

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.4	29.0





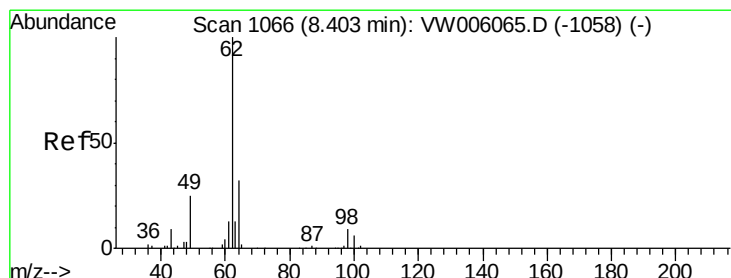
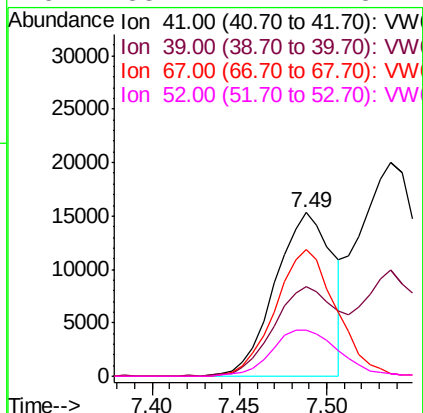
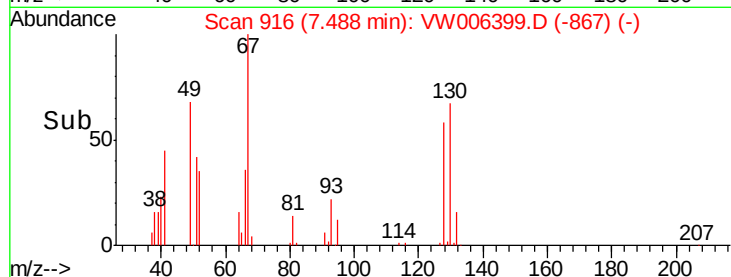
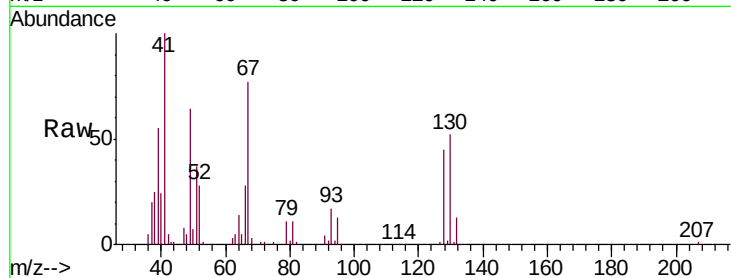
#41
Methacrylonitrile
Concen: 57.991 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW006399.D
Acq: 26 Oct 2018 09:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
41	100		
39	62.9	46.2	69.4
67	82.1	57.7	86.5
52	33.1	24.7	37.1

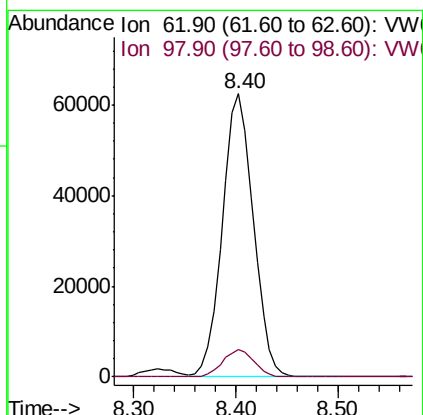
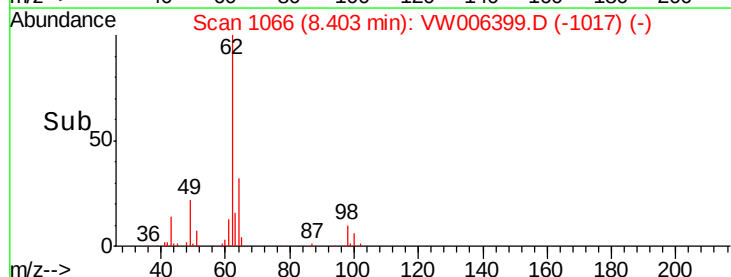
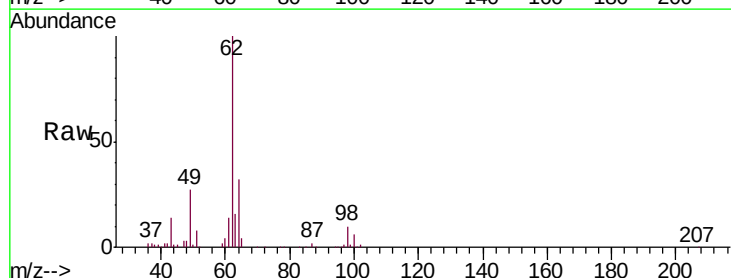
Manual Integrations
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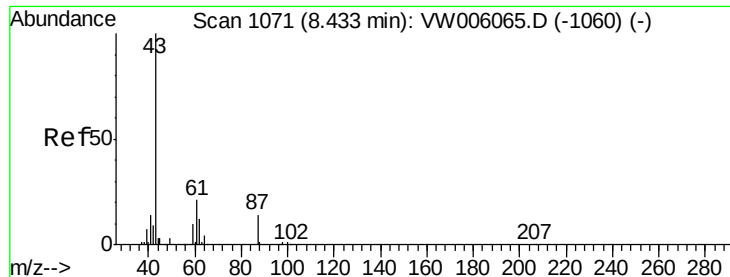
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#42
1,2-Dichloroethane
Concen: 60.115 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW006399.D
Acq: 26 Oct 2018 09:54

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	18.4





#43

Isopropyl Acetate

Concen: 58.443 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006399.D

Acq: 26 Oct 2018 09:54

Instrument :

MSVOA_W

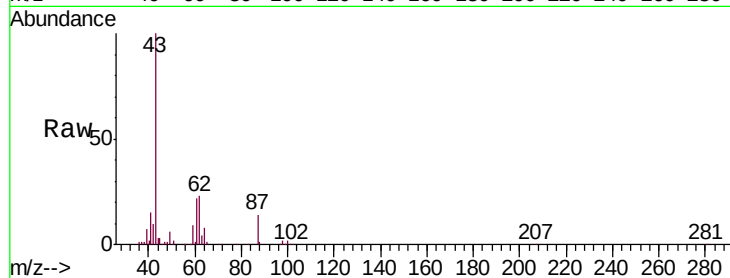
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	43	Resp:	120453
Ion	Ratio	Lower	Upper
43	100		
61	32.0	25.5	38.3
87	15.2	11.7	17.5

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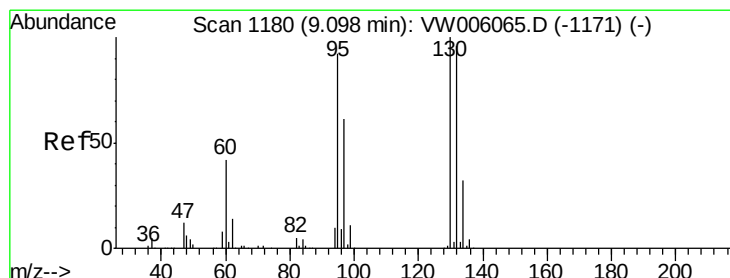
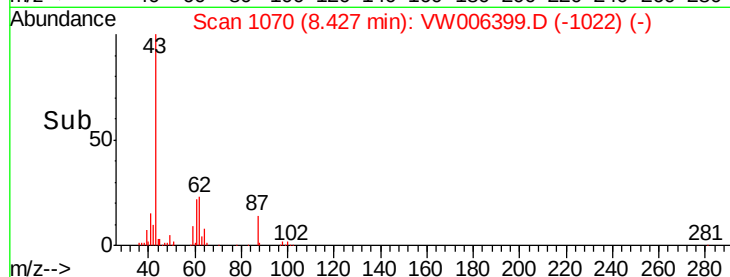
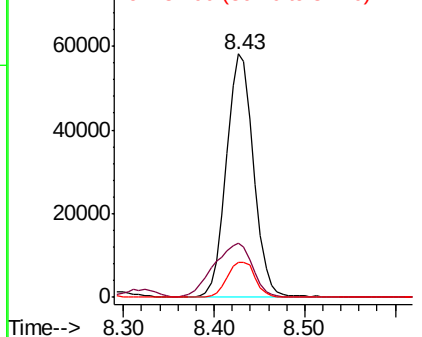


Abundance

Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 57.581 ug/l

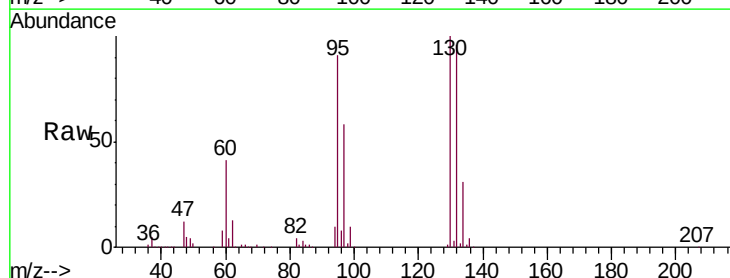
RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW006399.D

Acq: 26 Oct 2018 09:54

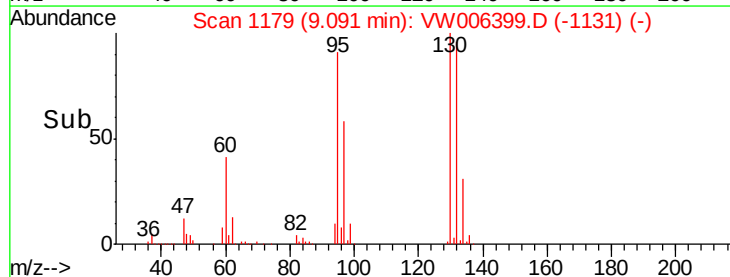
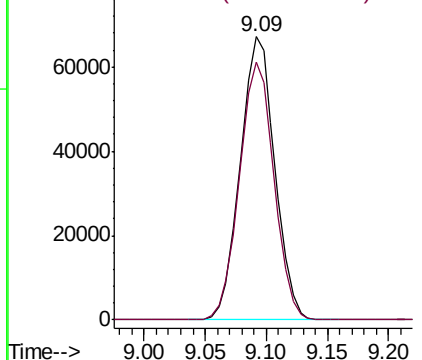
Tgt Ion:	130	Resp:	131471
Ion	Ratio	Lower	Upper
130	100		
95	90.9	0.0	183.2

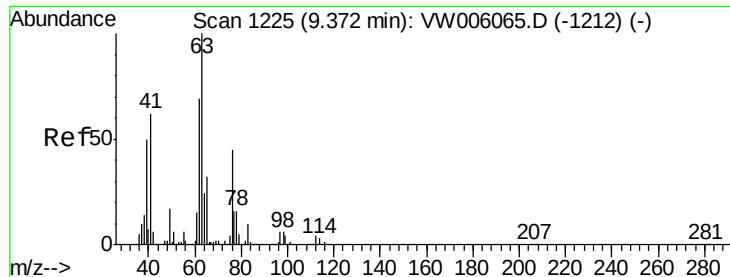


Abundance

Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW





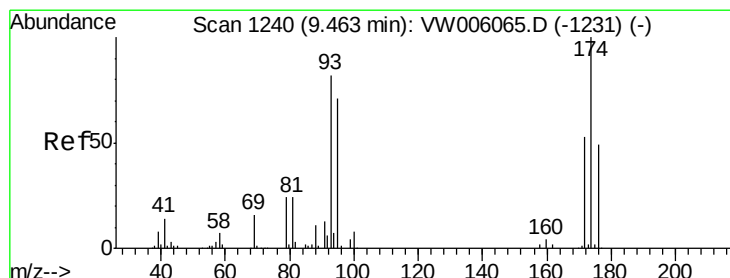
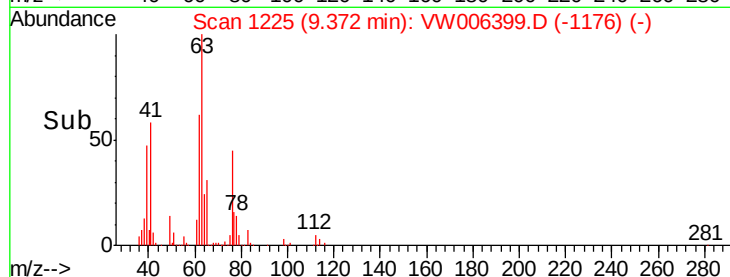
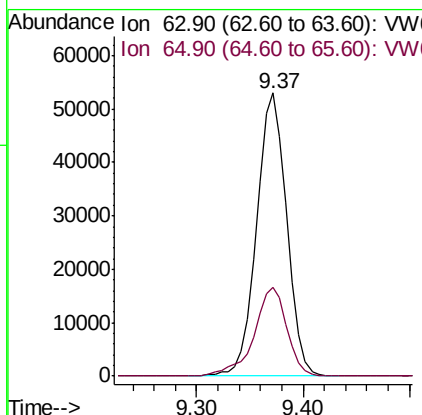
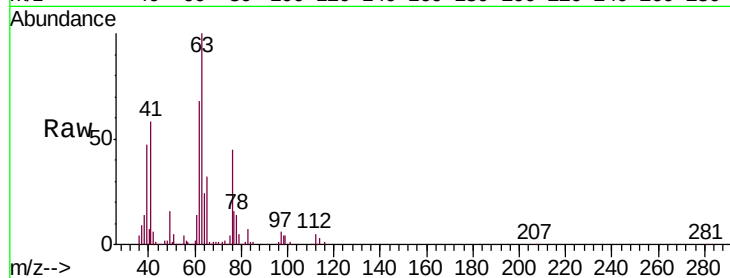
#45
 1,2-Dichloropropane
 Concen: 58.864 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW006399.D
 Acq: 26 Oct 2018 09:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 63 Resp: 104828
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.4 38.0

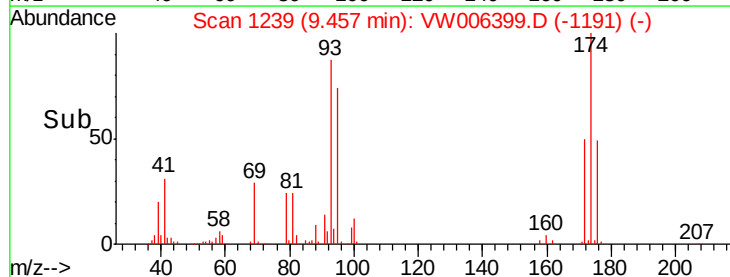
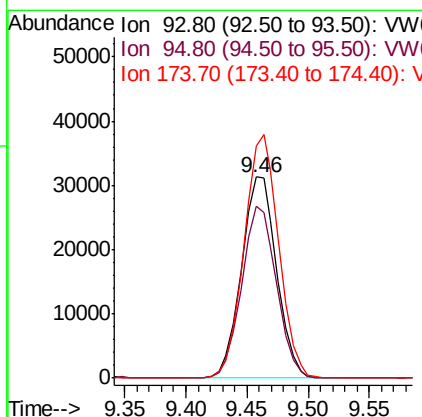
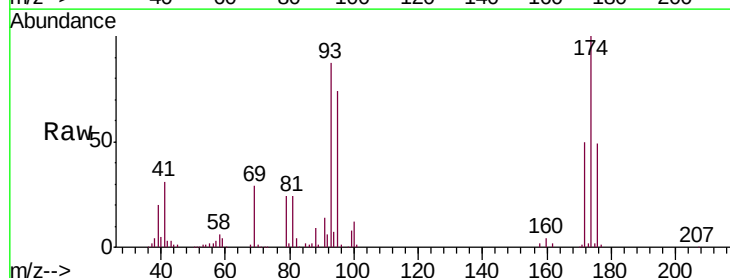
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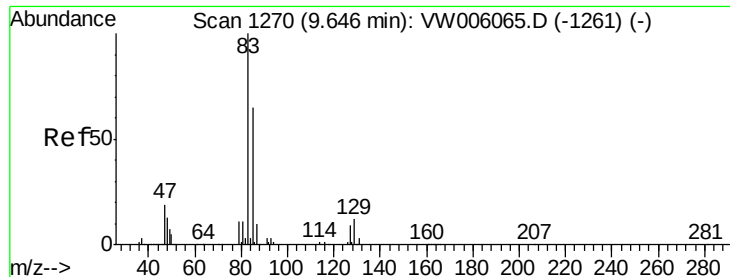
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#46
 Dibromomethane
 Concen: 61.388 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW006399.D
 Acq: 26 Oct 2018 09:54

Tgt Ion: 93 Resp: 62309
 Ion Ratio Lower Upper
 93 100
 95 84.6 67.7 101.5
 174 119.2 93.7 140.5





#47

Bromodichloromethane

Concen: 58.545 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006399.D

Acq: 26 Oct 2018 09:54

Instrument :

MSVOA_W

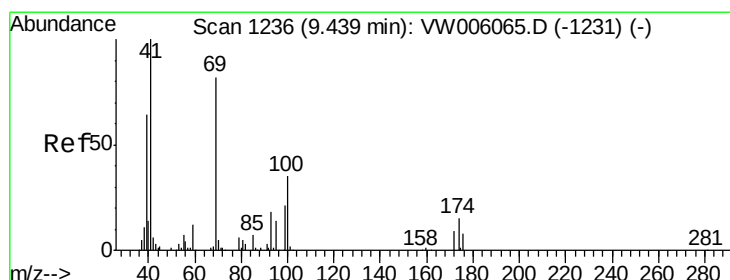
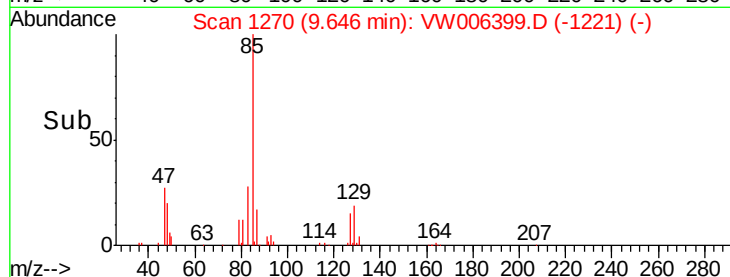
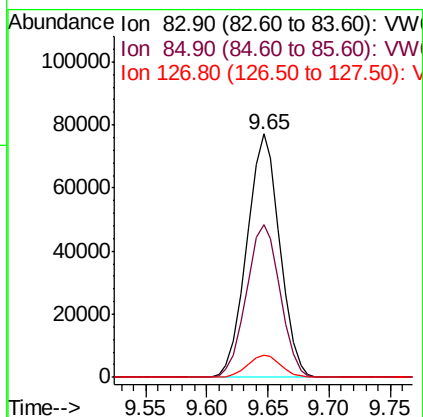
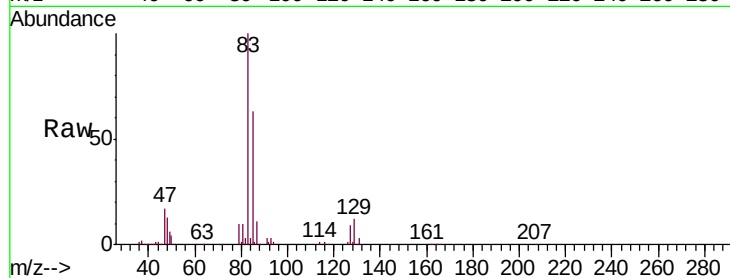
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	144070
Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.8	77.8
127	9.3	6.9	10.3

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#48

Methyl methacrylate

Concen: 59.774 ug/l

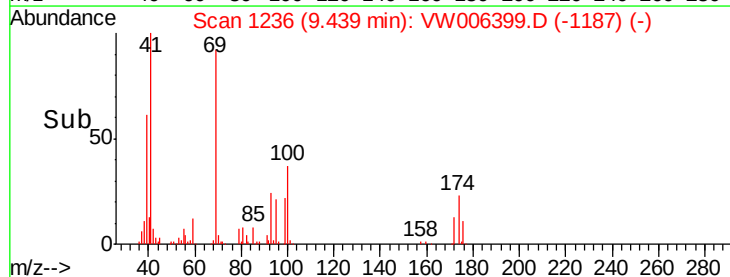
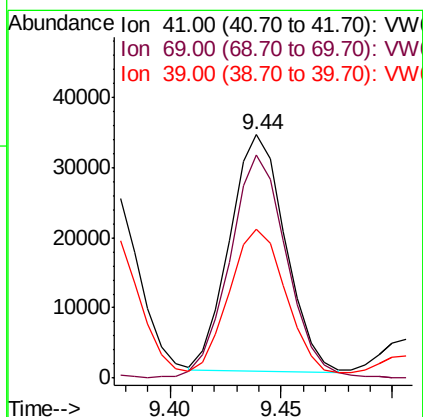
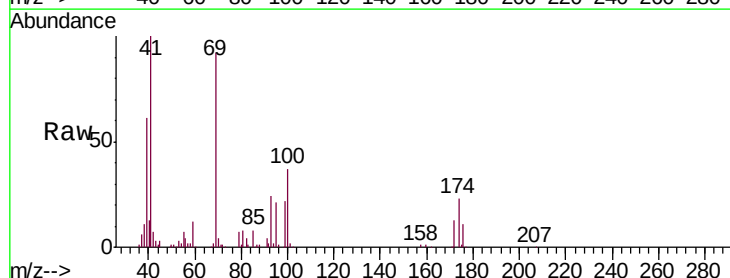
RT: 9.44 min Scan# 1236

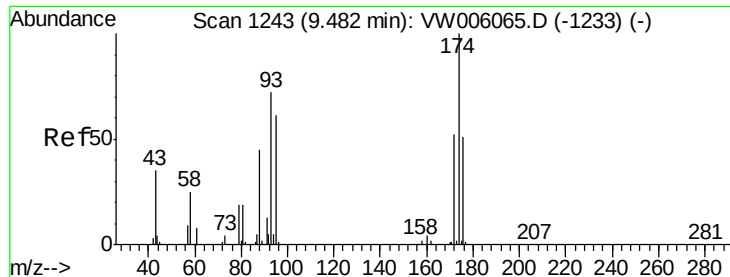
Delta R.T. -0.00 min

Lab File: VW006399.D

Acq: 26 Oct 2018 09:54

Tgt Ion:	41	Resp:	58396
Ion	Ratio	Lower	Upper
41	100		
69	96.2	71.8	107.8
39	66.1	52.5	78.7





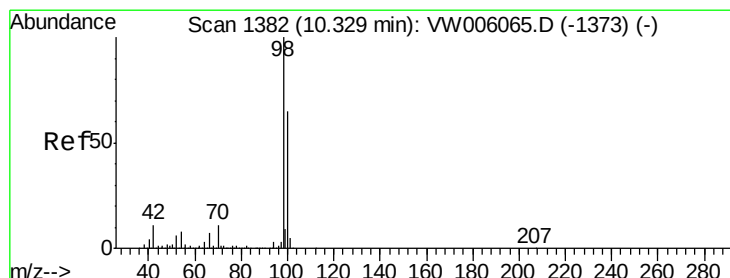
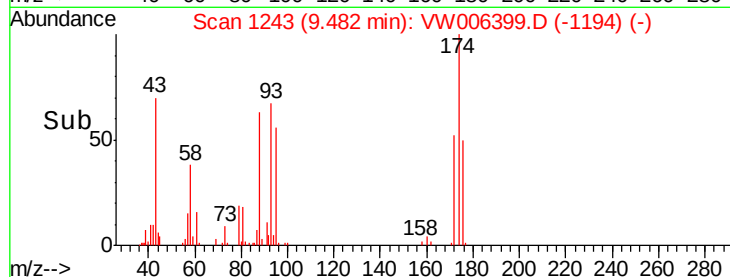
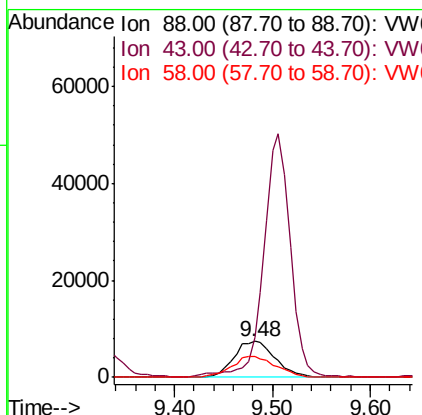
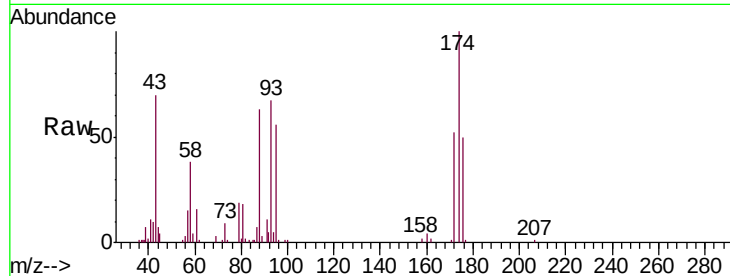
#49
1,4-Dioxane
Concen: 1388.550 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. -0.00 min
Lab File: VW006399.D
Acq: 26 Oct 2018 09:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	62.8	51.2	76.8

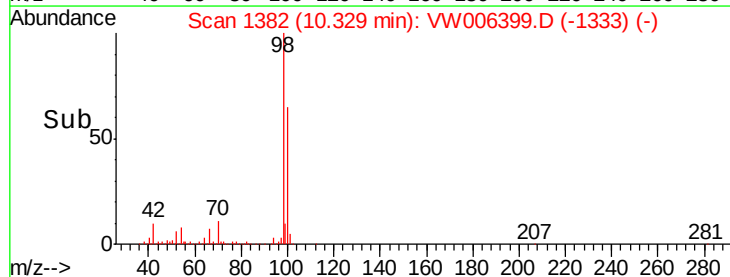
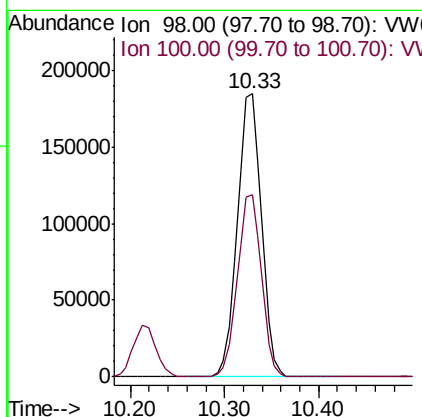
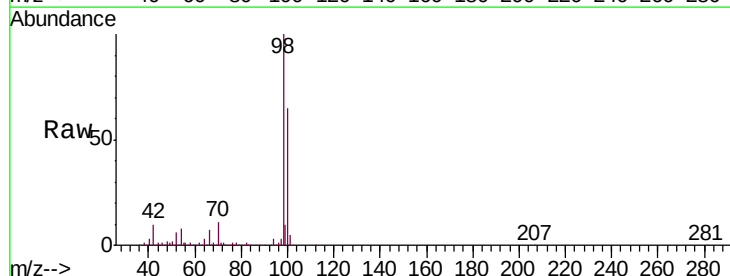
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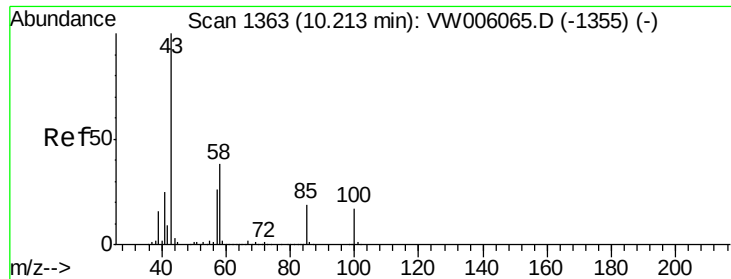
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#50
Toluene-d8
Concen: 49.575 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006399.D
Acq: 26 Oct 2018 09:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.6	77.4





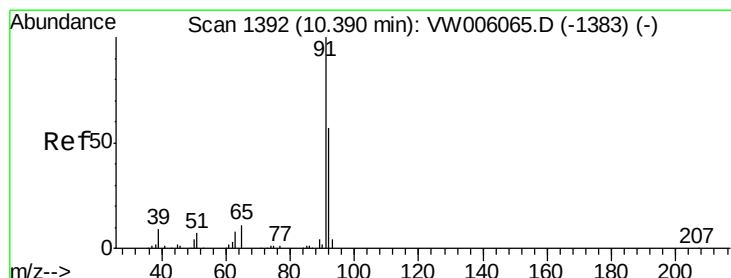
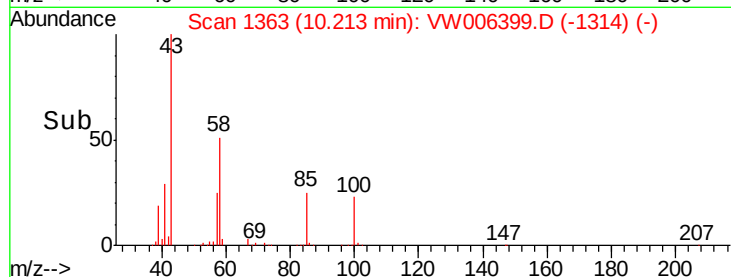
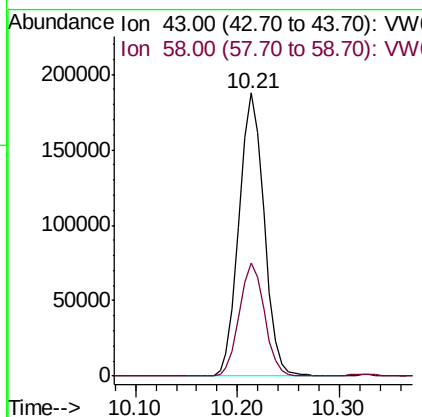
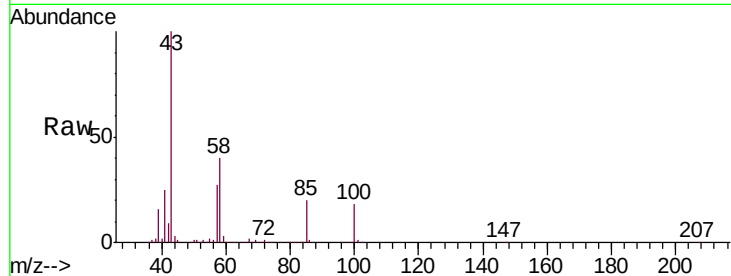
#51
 4-Methyl-2-Pentanone
 Concen: 309.621 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW006399.D
 Acq: 26 Oct 2018 09:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 319730
 Ion Ratio Lower Upper
 43 100
 58 40.1 31.5 47.3

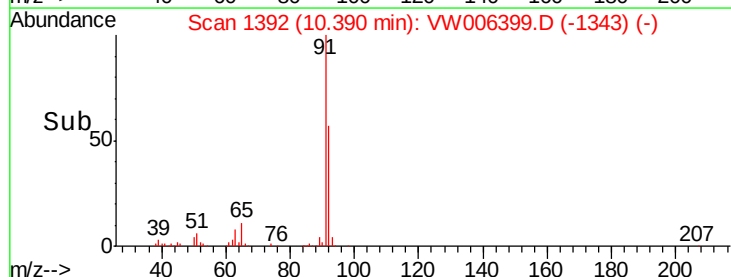
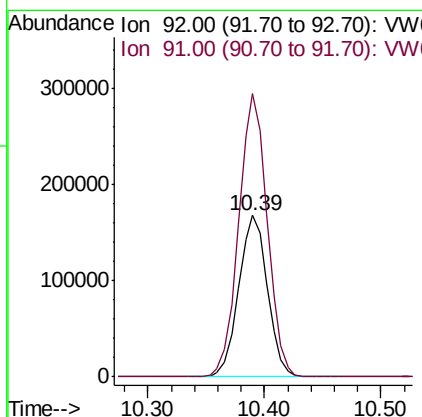
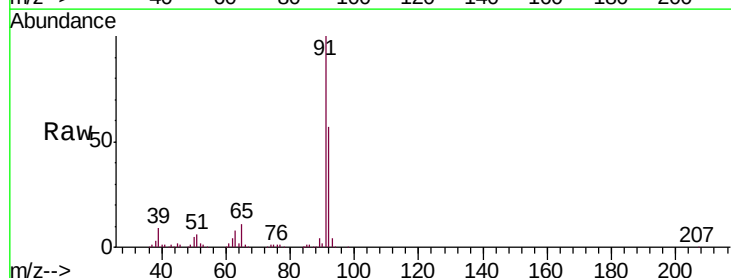
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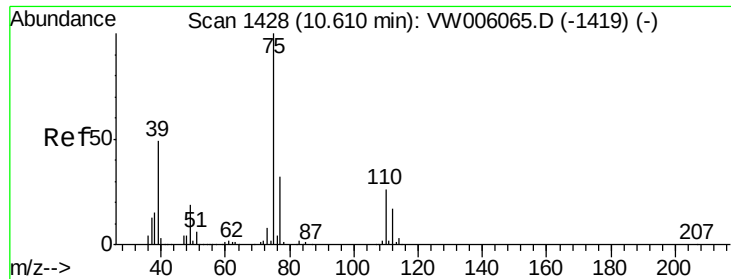
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#52
 Toluene
 Concen: 57.912 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW006399.D
 Acq: 26 Oct 2018 09:54

Tgt Ion: 92 Resp: 288945
 Ion Ratio Lower Upper
 92 100
 91 173.5 140.0 210.0





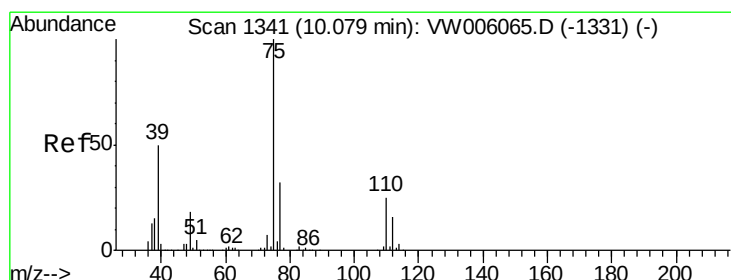
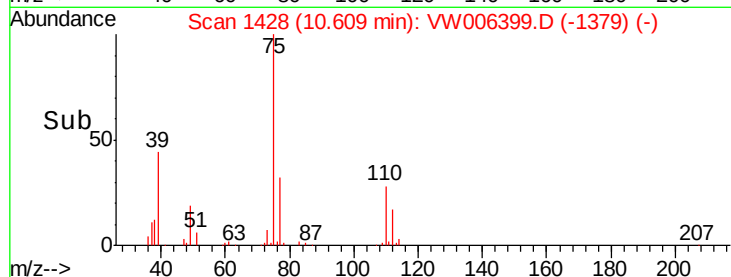
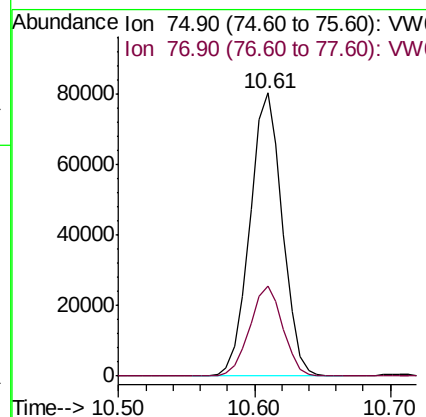
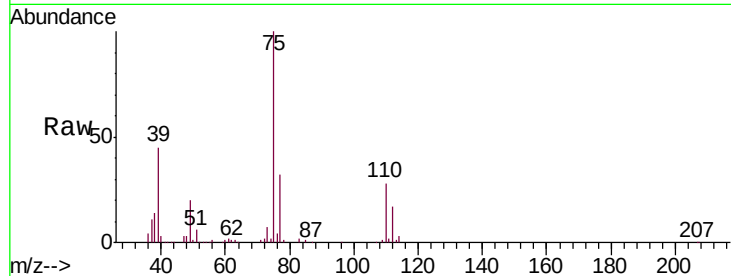
#53
 t-1,3-Dichloropropene
 Concen: 54.785 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW006399.D
 Acq: 26 Oct 2018 09:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 75 Resp: 134322
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.4 38.2

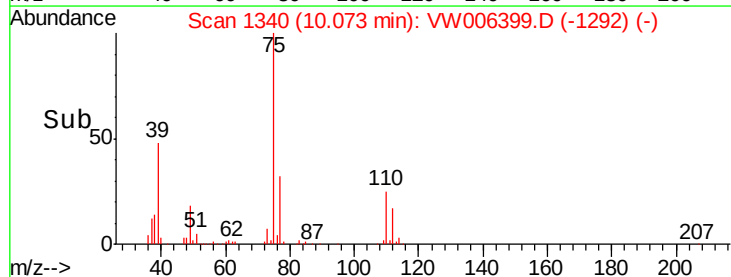
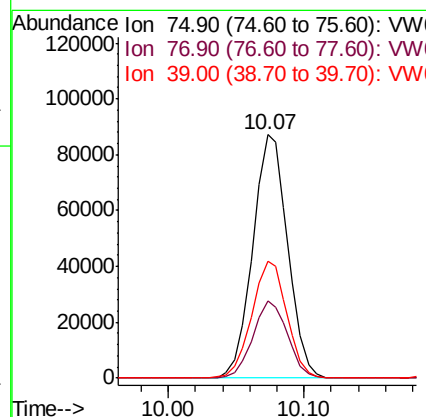
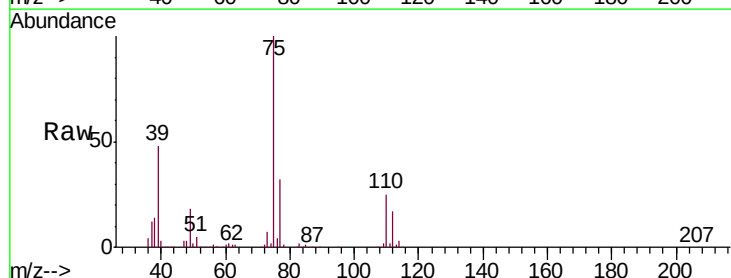
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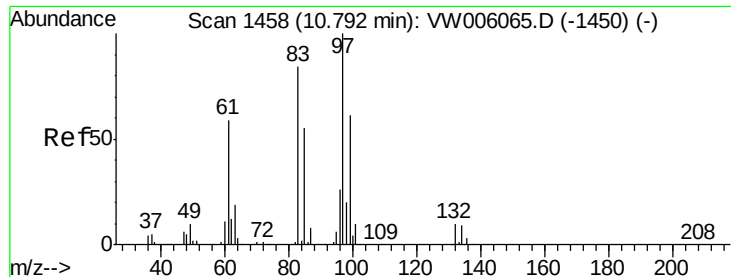
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#54
 cis-1,3-Dichloropropene
 Concen: 55.588 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.01 min
 Lab File: VW006399.D
 Acq: 26 Oct 2018 09:54

Tgt Ion: 75 Resp: 156418
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.2 37.8
 39 48.1 39.9 59.9





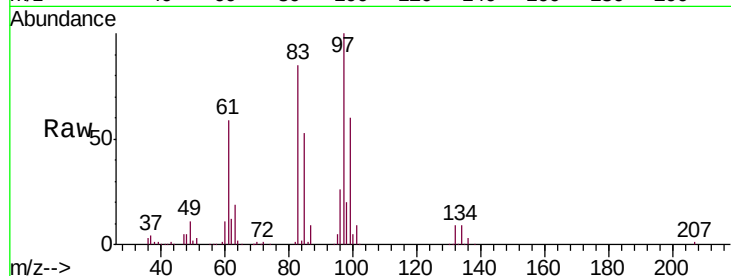
#55
 1,1,2-Trichloroethane
 Concen: 62.761 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW006399.D
 Acq: 26 Oct 2018 09:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

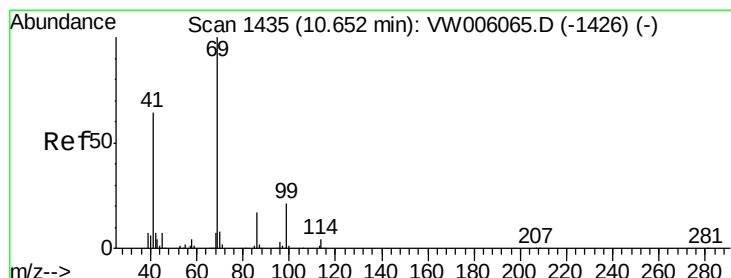
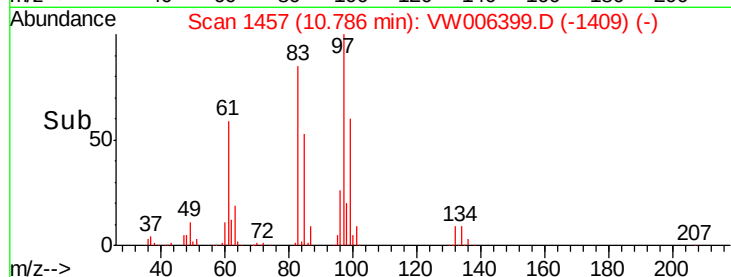
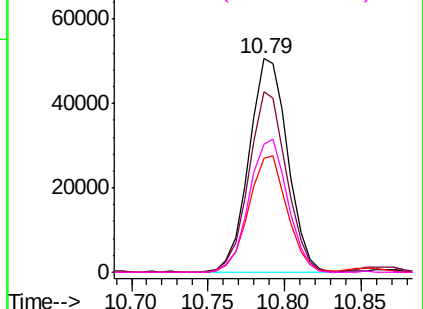
Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.6	67.2	100.8
85	53.3	43.7	65.5
99	60.2	48.5	72.7

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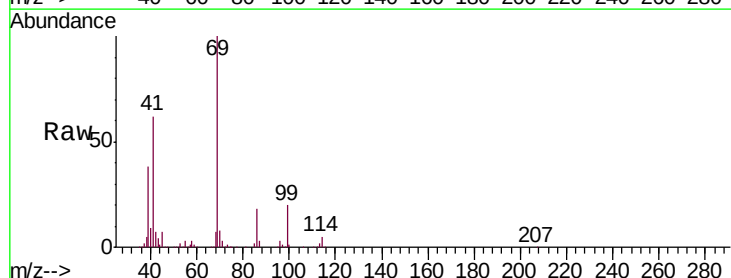


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

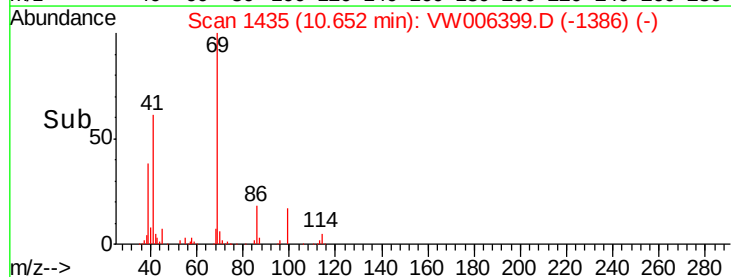
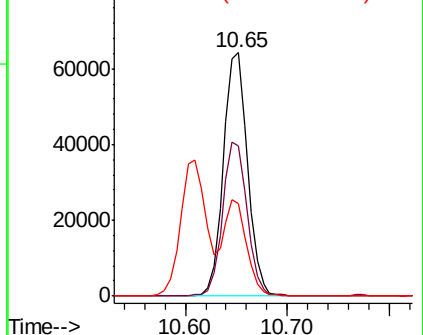


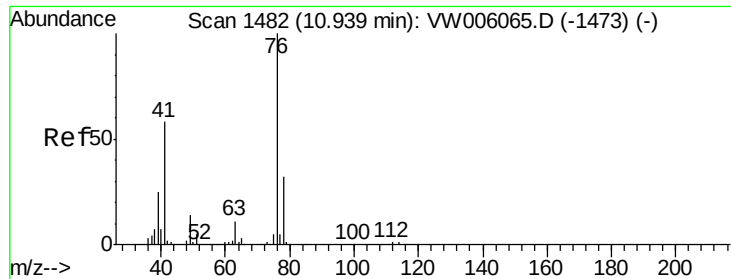
#56
 Ethyl methacrylate
 Concen: 60.758 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW006399.D
 Acq: 26 Oct 2018 09:54

Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.9	52.8	79.2
39	38.2	30.6	45.8



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: 61.049 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.01 min

Lab File: VW006399.D

Acq: 26 Oct 2018 09:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 143544

Ion Ratio Lower Upper

76 100

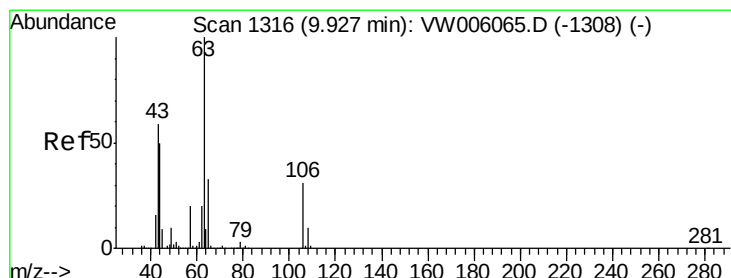
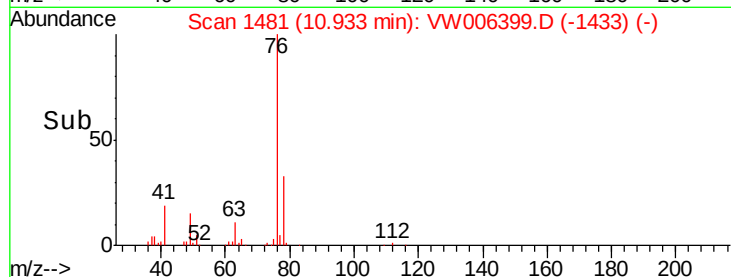
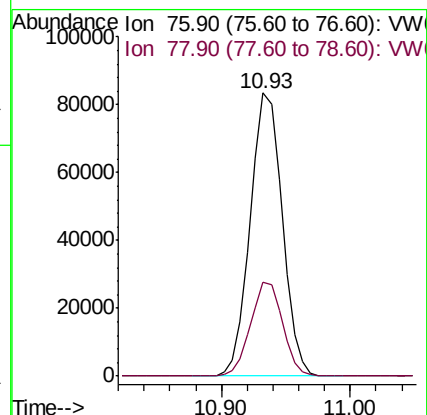
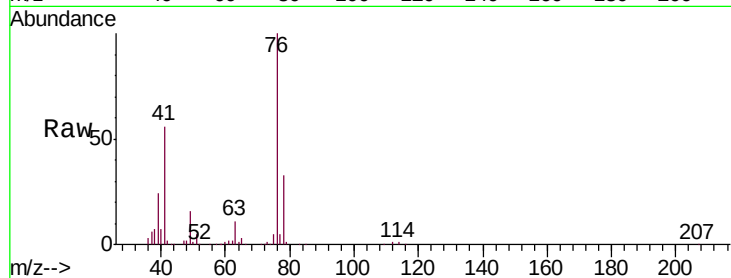
78 33.0 25.9 38.9

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#58

2-Chloroethyl Vinyl ether

Concen: 298.096 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW006399.D

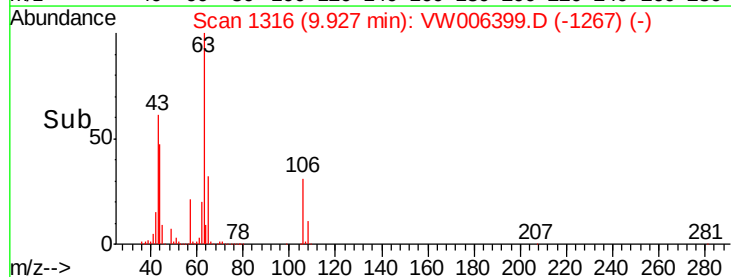
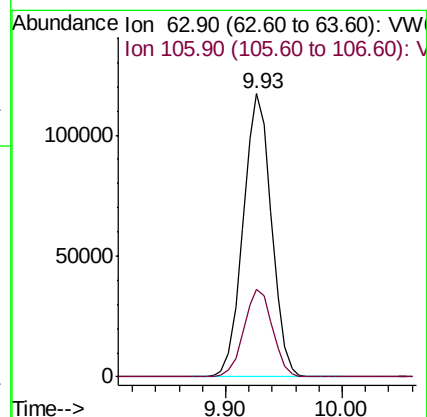
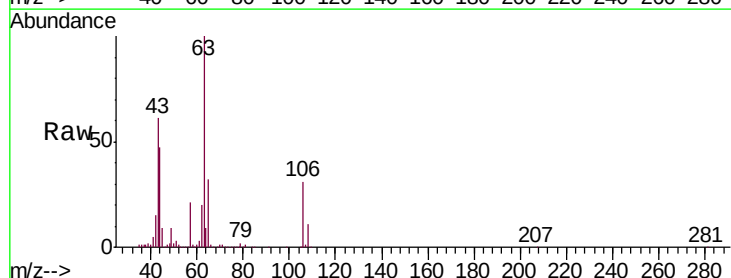
Acq: 26 Oct 2018 09:54

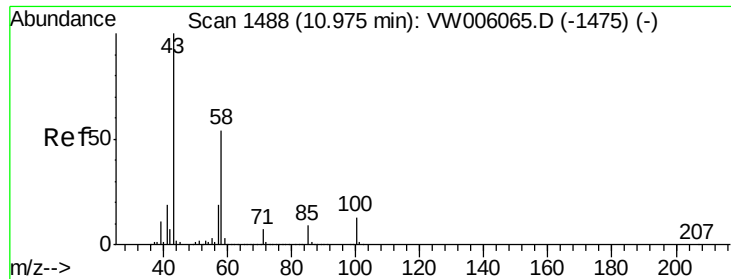
Tgt Ion: 63 Resp: 198342

Ion Ratio Lower Upper

63 100

106 31.2 24.5 36.7





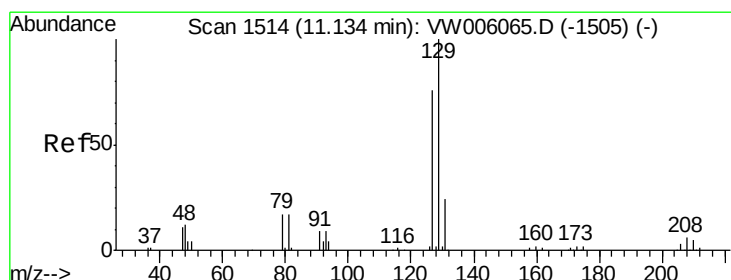
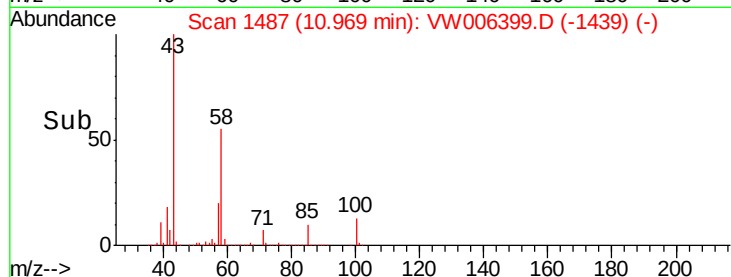
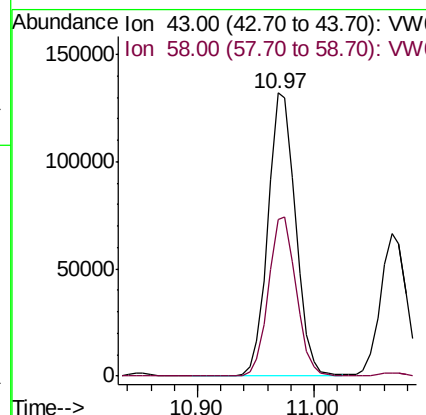
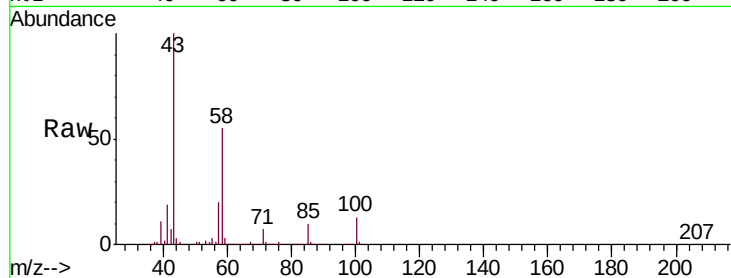
#59
2-Hexanone
Concen: 293.673 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VW006399.D
Acq: 26 Oct 2018 09:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 216479
Ion Ratio Lower Upper
43 100
58 56.2 26.9 80.6

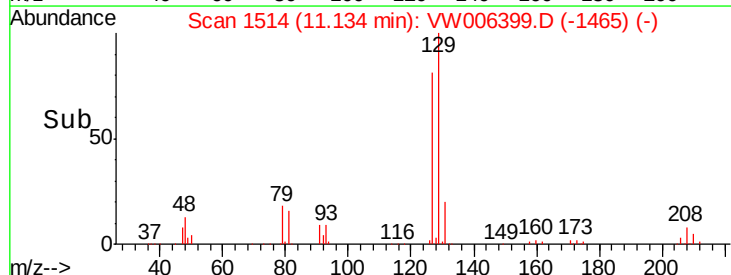
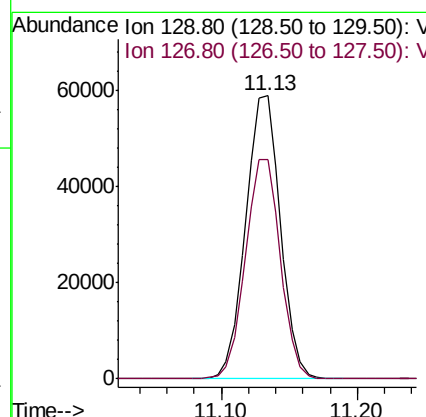
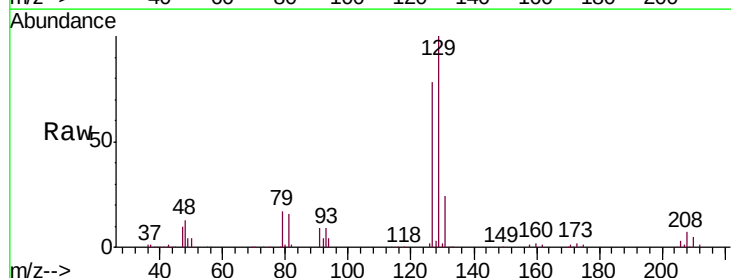
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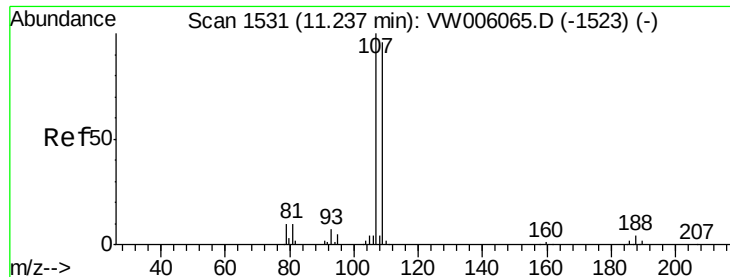
apatel
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#60
Dibromochloromethane
Concen: 59.698 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW006399.D
Acq: 26 Oct 2018 09:54

Tgt Ion: 129 Resp: 105619
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.7





#61

1,2-Dibromoethane

Concen: 62.711 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW006399.D

Acq: 26 Oct 2018 09:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 107 Resp: 89001

Ion Ratio Lower Upper

107 100

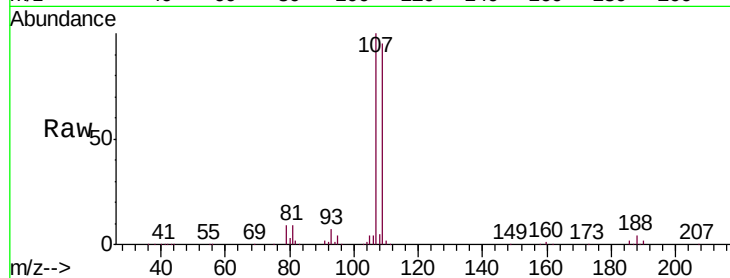
109 94.5 76.3 114.5

Manual Integrations

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

50000

40000

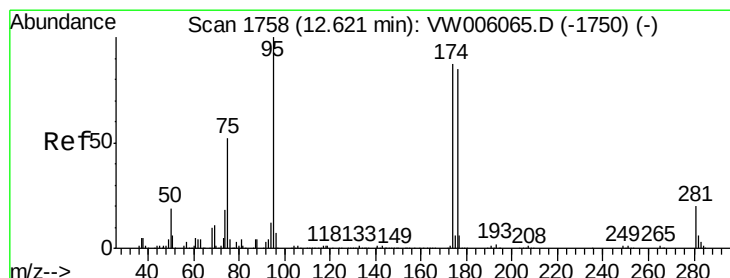
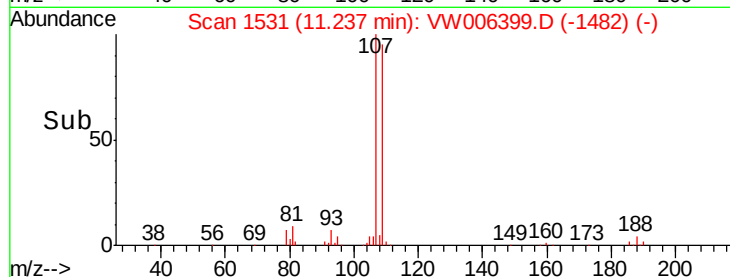
30000

20000

10000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.333 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006399.D

Acq: 26 Oct 2018 09:54

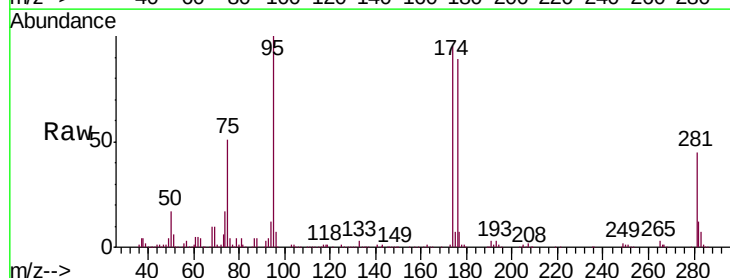
Tgt Ion: 95 Resp: 127580

Ion Ratio Lower Upper

95 100

174 96.4 0.0 186.0

176 92.1 0.0 181.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.62

100000

80000

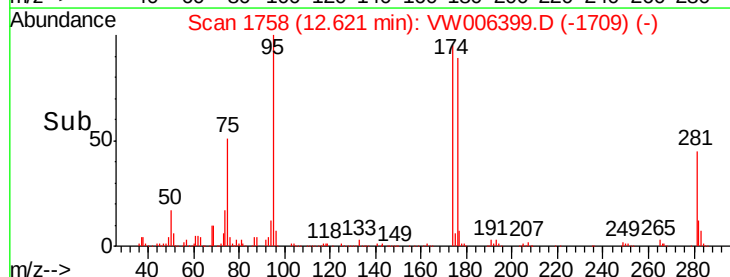
60000

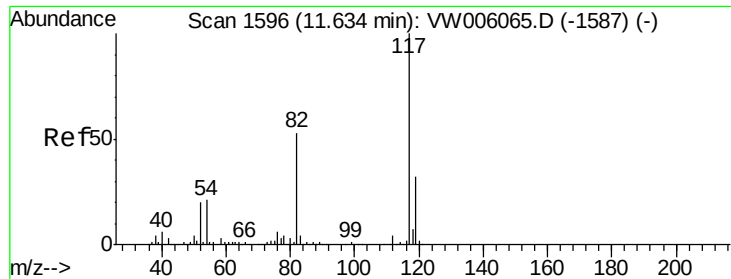
40000

20000

0

Time-->





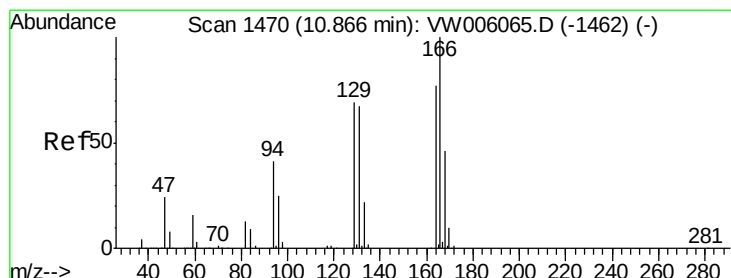
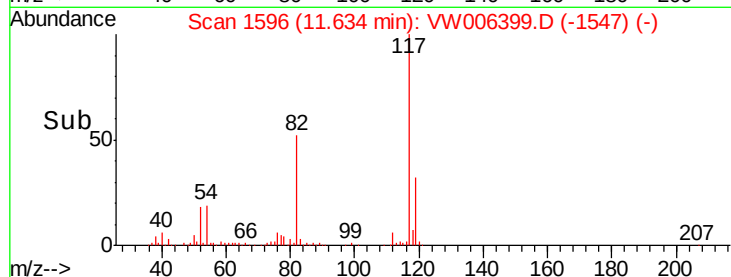
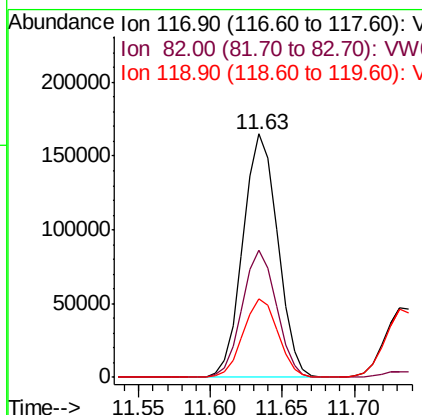
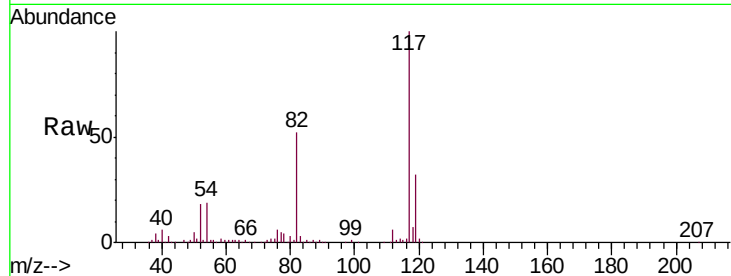
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006399.D
Acq: 26 Oct 2018 09:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	275535		
82	52.3	42.1	63.1	
119	32.4	25.8	38.6	

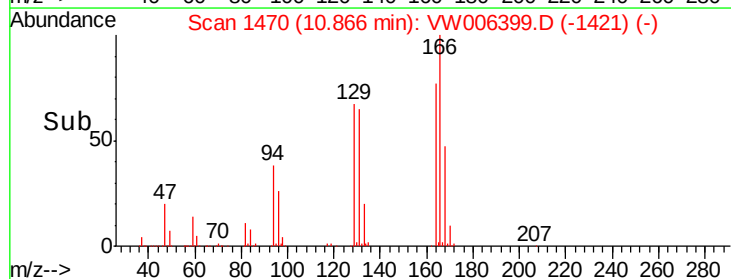
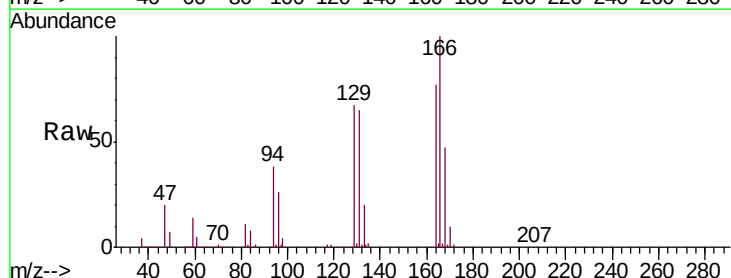
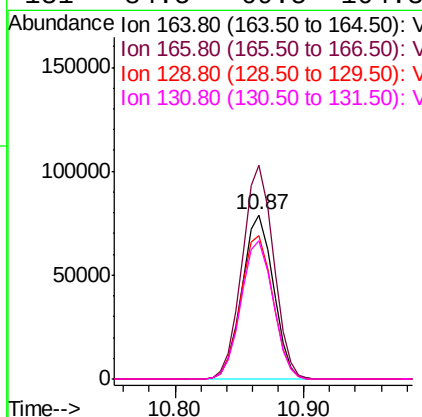
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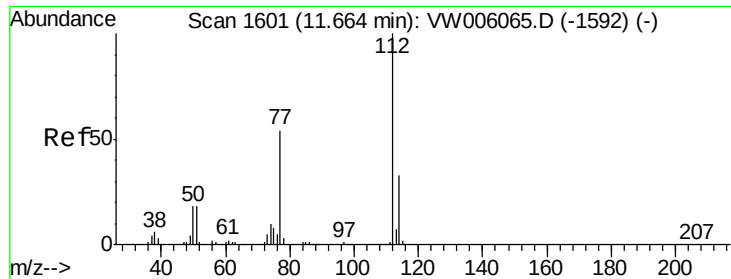
apatel
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#64
Tetrachloroethene
Concen: 62.338 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006399.D
Acq: 26 Oct 2018 09:54

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	133340		
166	130.1	103.4	155.0	
129	87.4	71.8	107.8	
131	84.5	69.5	104.3	





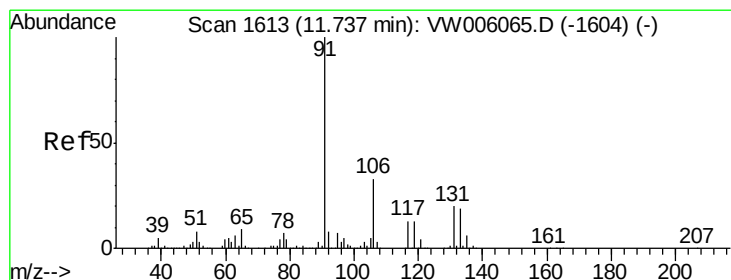
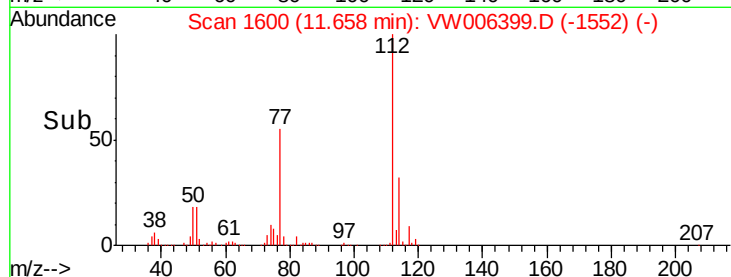
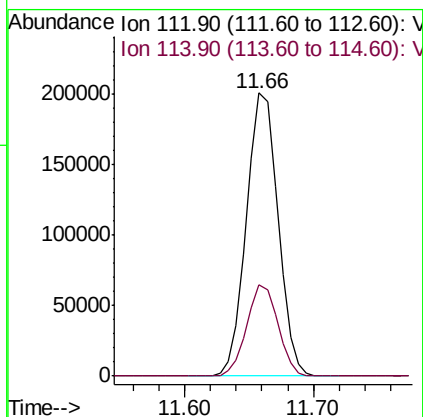
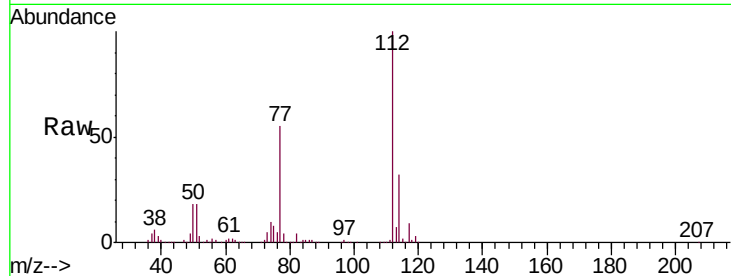
#65
Chlorobenzene
Concen: 57.738 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VW006399.D
Acq: 26 Oct 2018 09:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 340560
Ion Ratio Lower Upper
112 100
114 32.3 26.2 39.2

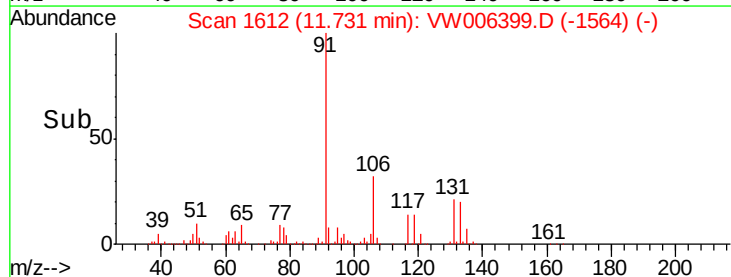
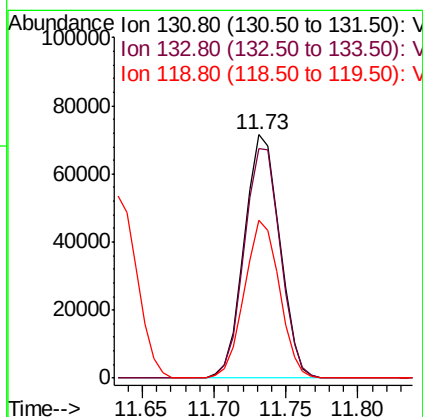
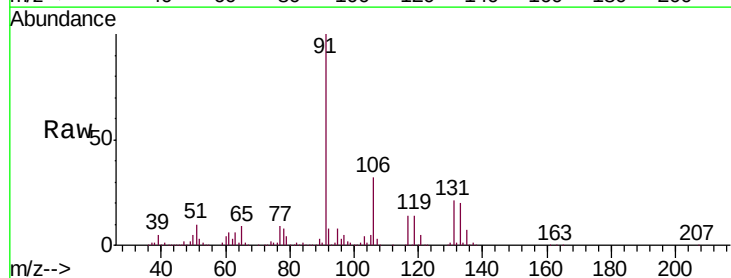
Manual Integrations
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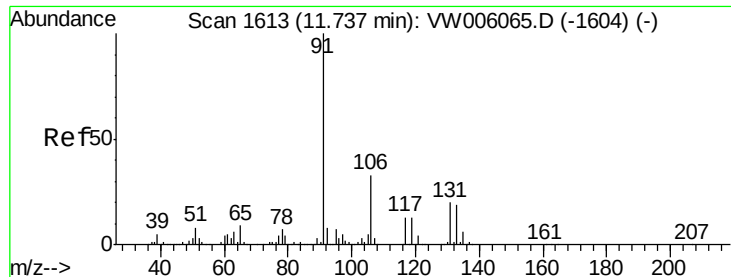
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#66
1,1,1,2-Tetrachloroethane
Concen: 58.178 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006399.D
Acq: 26 Oct 2018 09:54

Tgt Ion:131 Resp: 121951
Ion Ratio Lower Upper
131 100
133 96.3 48.1 144.3
119 64.1 31.6 94.7





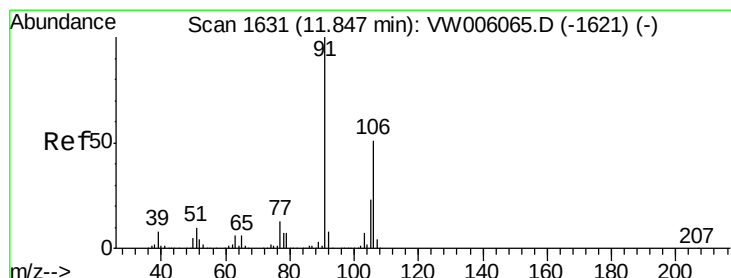
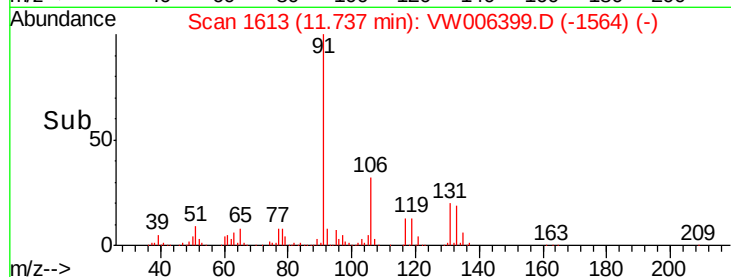
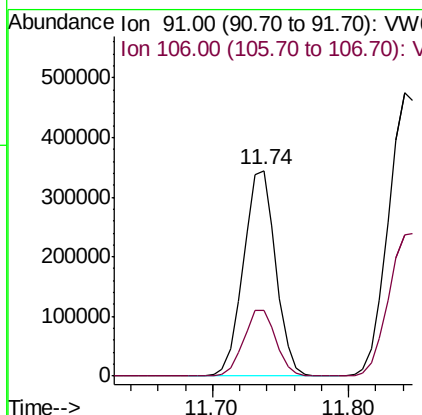
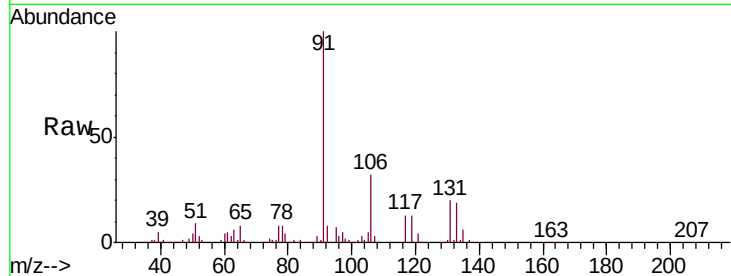
#67
Ethyl Benzene
Concen: 55.798 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006399.D
Acq: 26 Oct 2018 09:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 570376
Ion Ratio Lower Upper
91 100
106 32.2 26.1 39.1

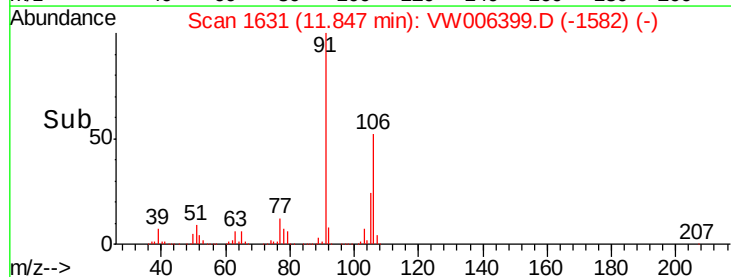
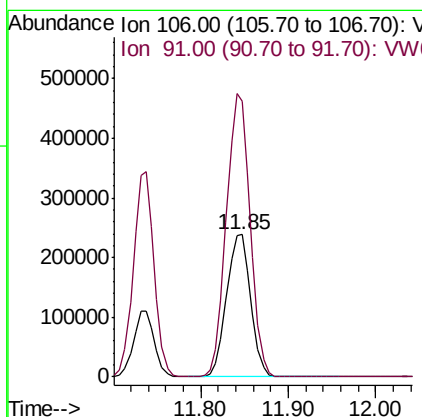
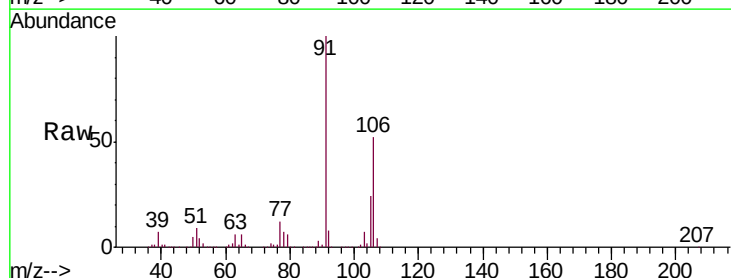
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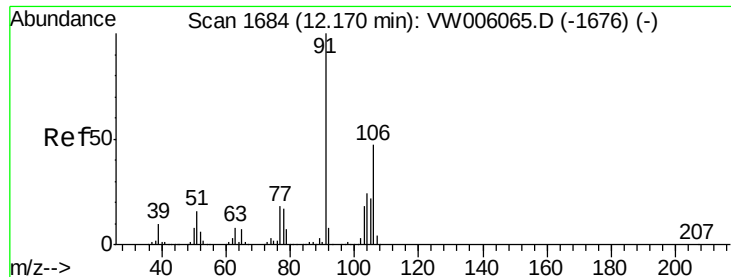
apatel
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#68
m/p-Xylenes
Concen: 112.722 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW006399.D
Acq: 26 Oct 2018 09:54

Tgt Ion: 106 Resp: 455432
Ion Ratio Lower Upper
106 100
91 196.5 159.1 238.7





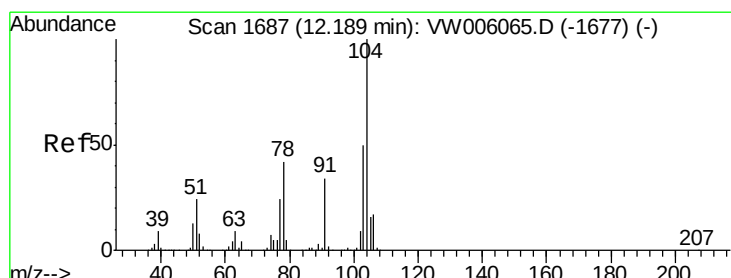
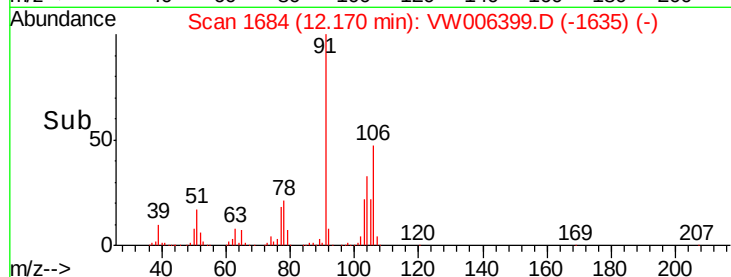
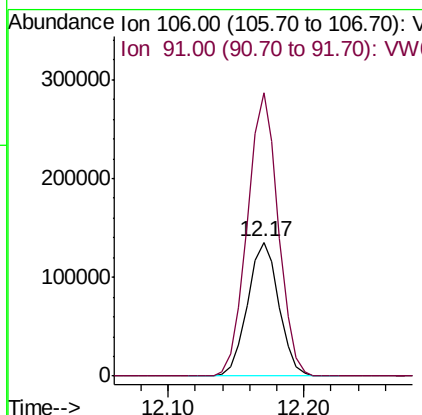
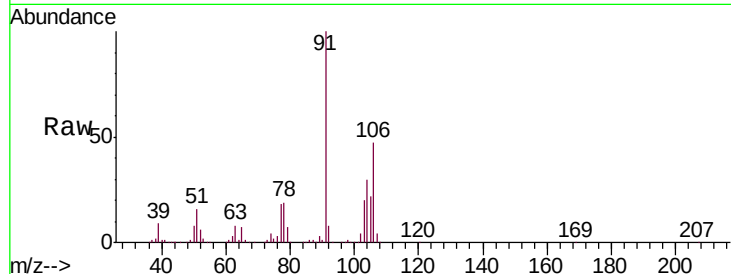
#69
o-Xylene
Concen: 56.682 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006399.D
Acq: 26 Oct 2018 09:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 218257
Ion Ratio Lower Upper
106 100
91 209.2 105.4 316.1

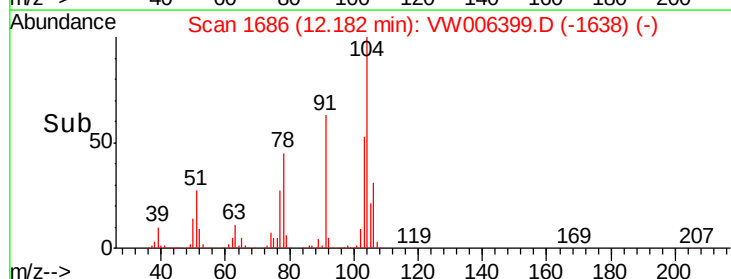
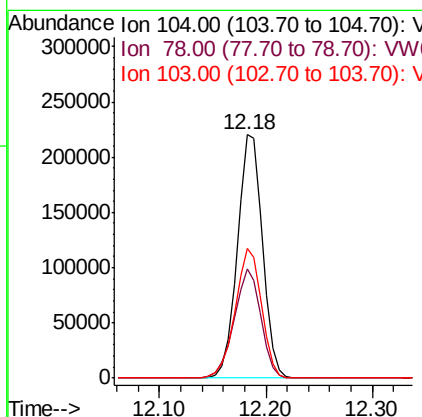
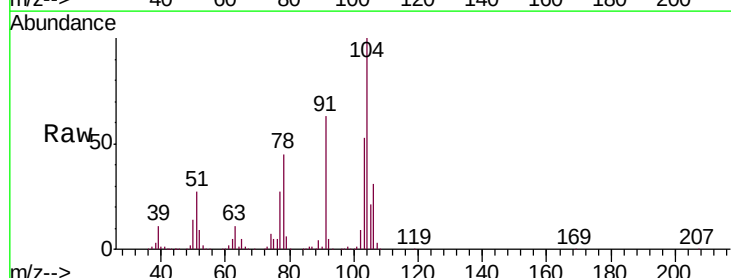
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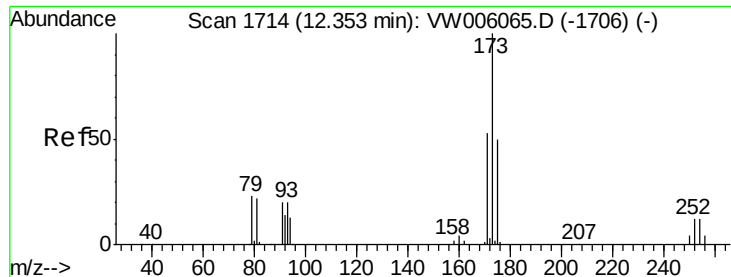
apatel
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#70
Styrene
Concen: 58.303 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VW006399.D
Acq: 26 Oct 2018 09:54

Tgt Ion:104 Resp: 365067
Ion Ratio Lower Upper
104 100
78 47.6 39.1 58.7
103 55.7 44.3 66.5





#71

Bromoform

Concen: 57.856 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006399.D

Acq: 26 Oct 2018 09:54

Instrument :

MSVOA_W

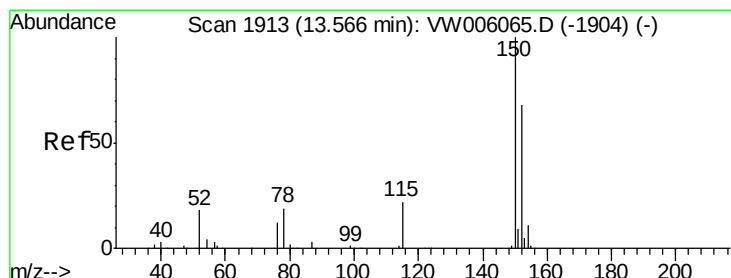
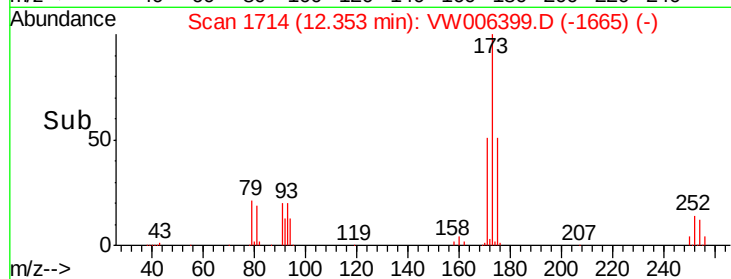
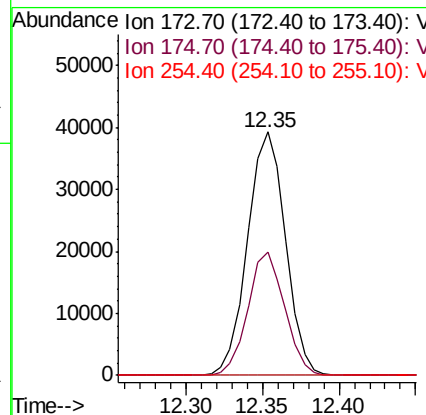
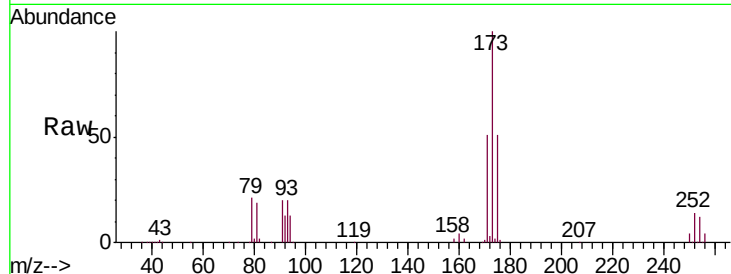
ClientSampleId :

VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.2	72.6
254	0.1	0.1	0.1

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

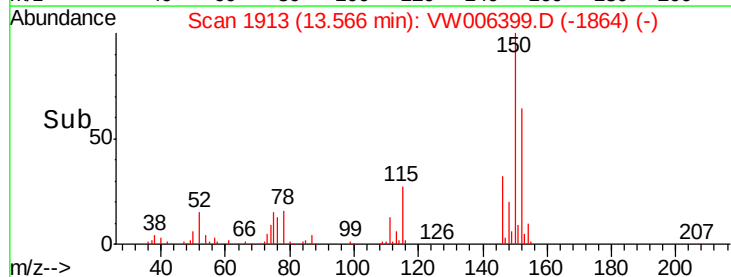
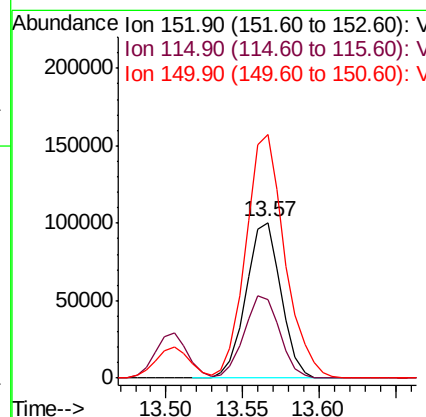
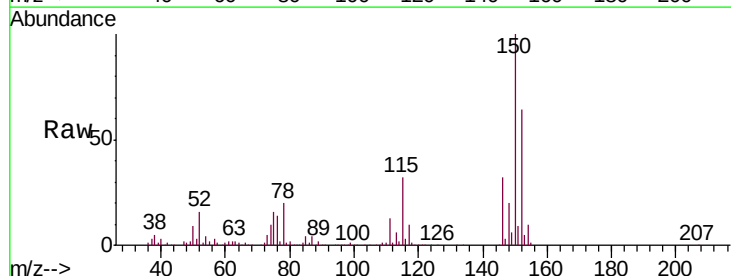
RT: 13.57 min Scan# 1913

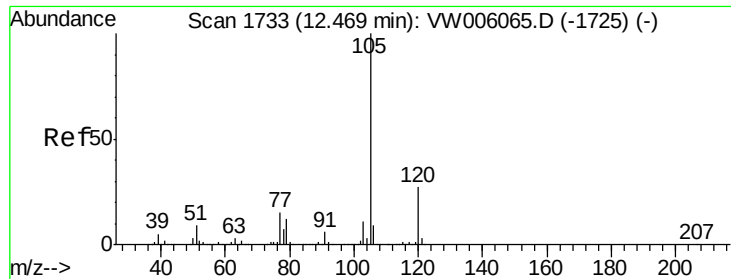
Delta R.T. -0.00 min

Lab File: VW006399.D

Acq: 26 Oct 2018 09:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.5	27.8	83.3
150	174.1	0.0	349.2





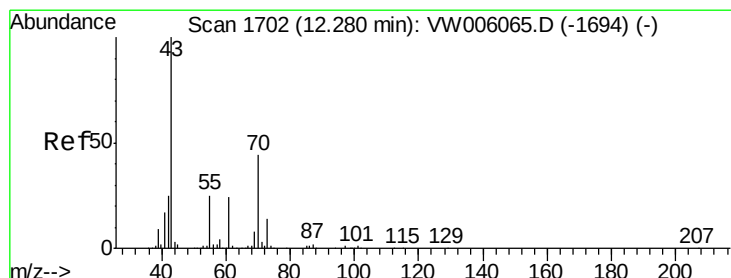
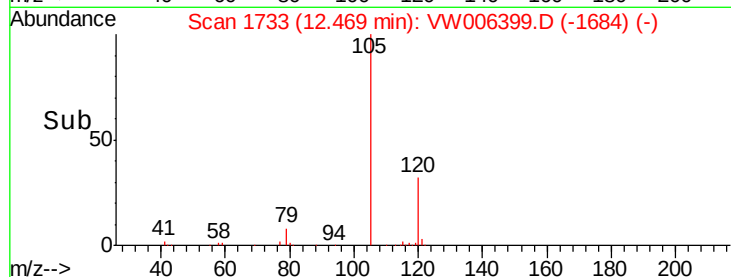
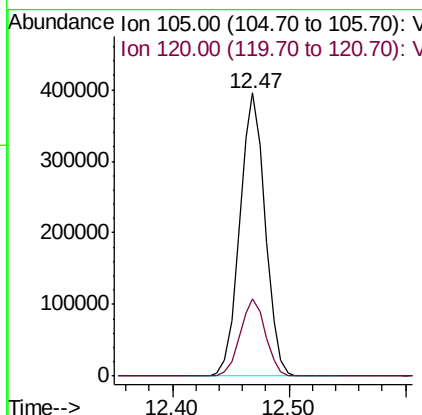
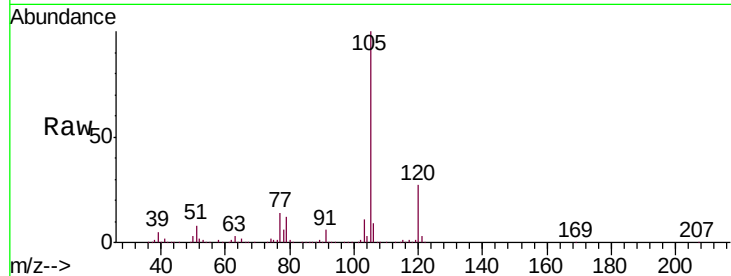
#73
Isopropylbenzene
Concen: 53.181 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW006399.D
Acq: 26 Oct 2018 09:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 105 Resp: 599038
Ion Ratio Lower Upper
105 100
120 27.3 13.6 40.7

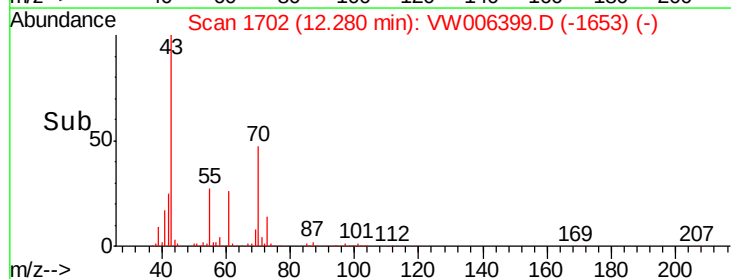
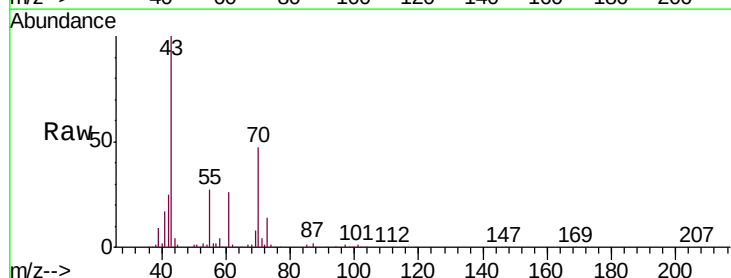
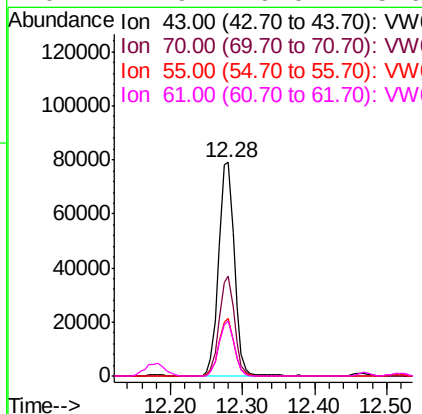
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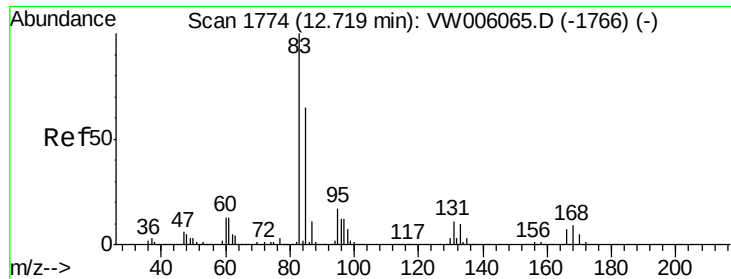
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#74
N-ethyl acetate
Concen: 54.802 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. -0.00 min
Lab File: VW006399.D
Acq: 26 Oct 2018 09:54

Tgt Ion: 43 Resp: 119898
Ion Ratio Lower Upper
43 100
70 45.7 34.2 51.4
55 26.2 19.2 28.8
61 24.9 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 61.160 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006399.D

Acq: 26 Oct 2018 09:54

Instrument :

MSVOA_W

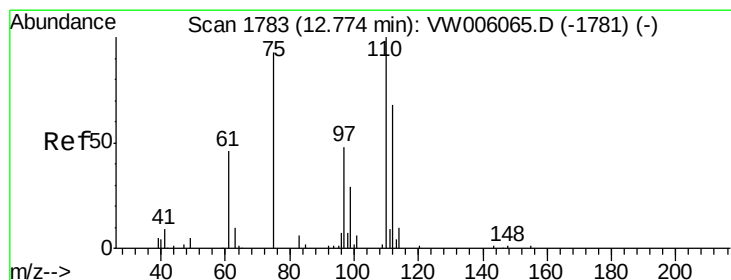
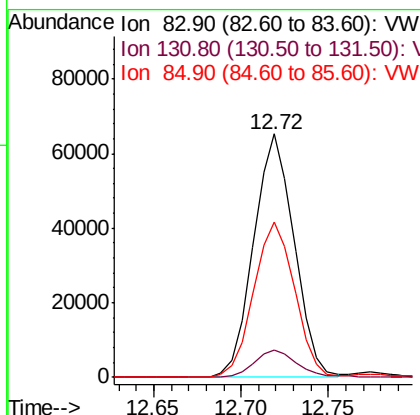
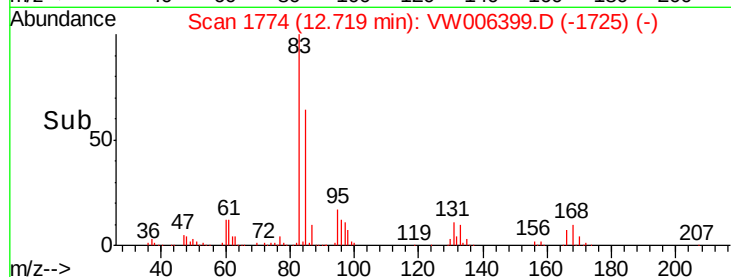
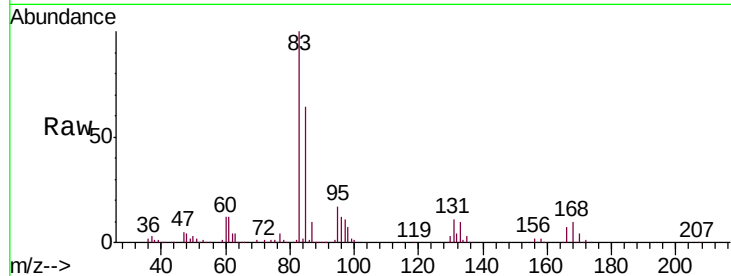
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	104781
Ion Ratio	Lower	Upper	
83	100		
131	11.9	5.9	17.7
85	64.7	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 54.459 ug/l m

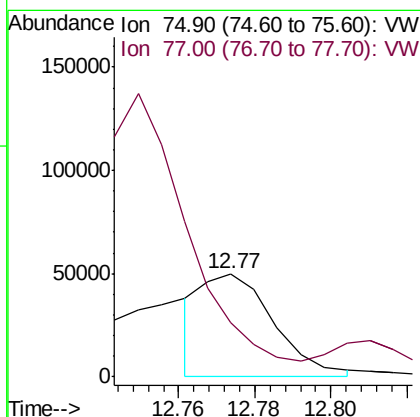
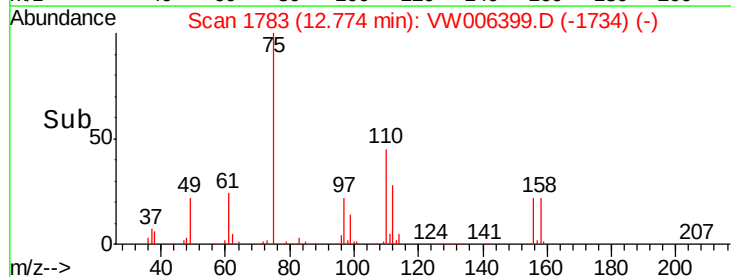
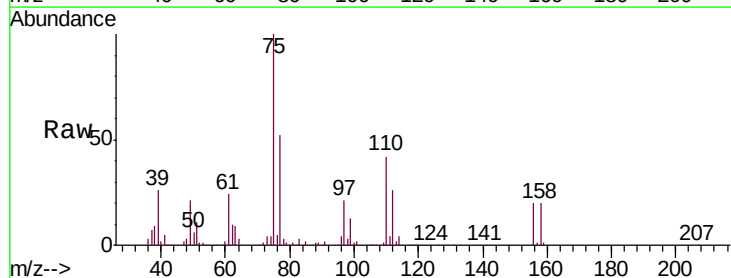
RT: 12.77 min Scan# 1783

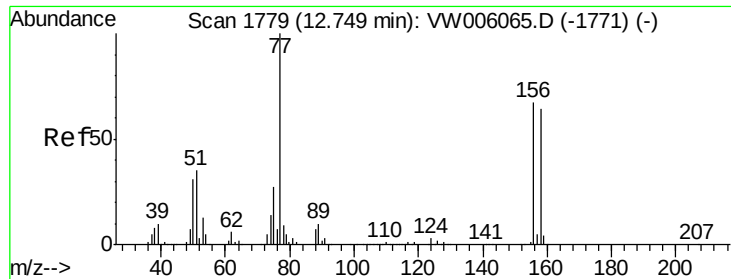
Delta R.T. -0.00 min

Lab File: VW006399.D

Acq: 26 Oct 2018 09:54

Tgt Ion:	75	Resp:	66322
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 56.760 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006399.D

Acq: 26 Oct 2018 09:54

Instrument :

MSVOA_W

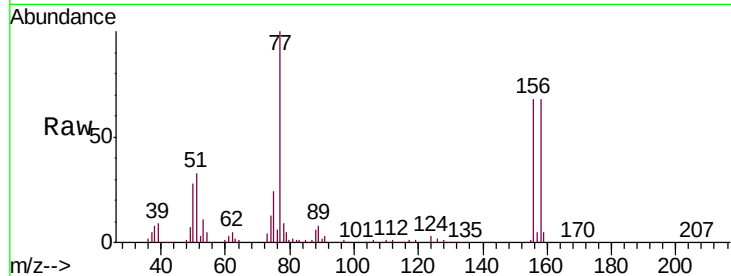
ClientSampleId :

VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
156	100		
77	155.4	79.1	237.4
158	98.1	48.5	145.6

Manual Integrations
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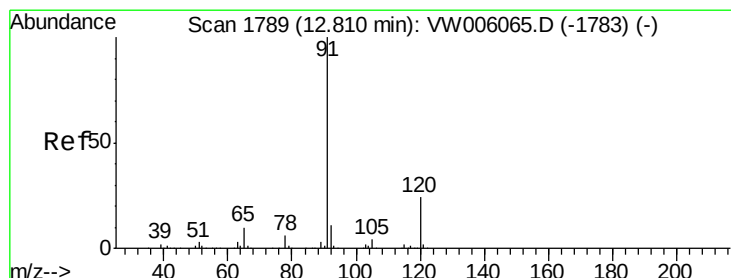
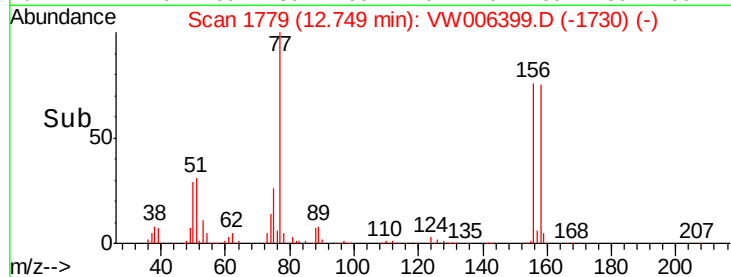
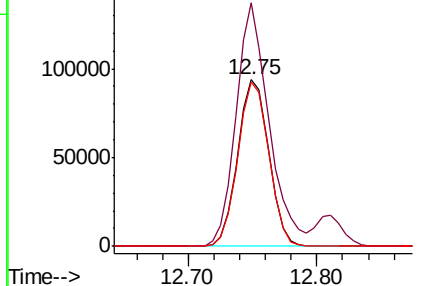
apatel
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.080 ug/l

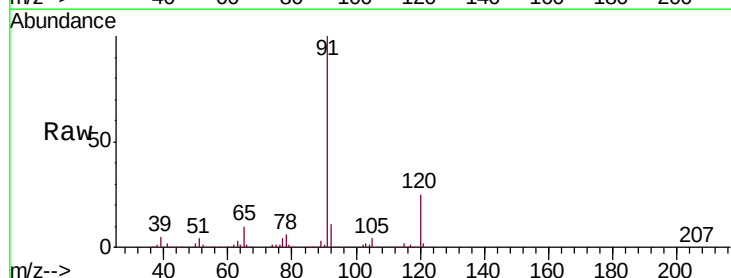
RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW006399.D

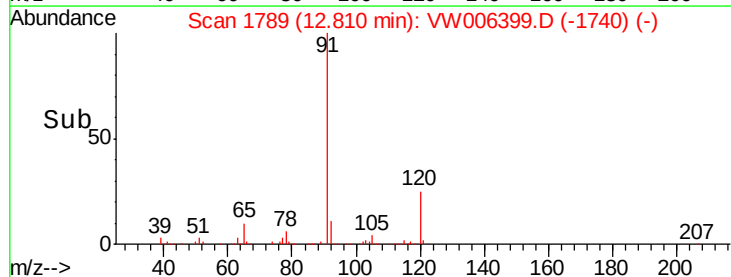
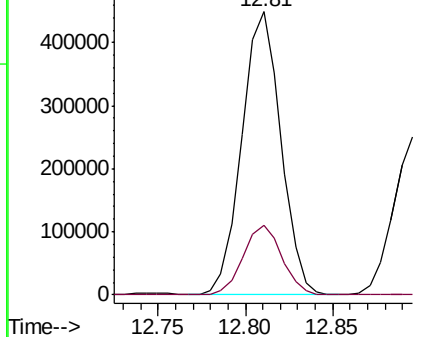
Acq: 26 Oct 2018 09:54

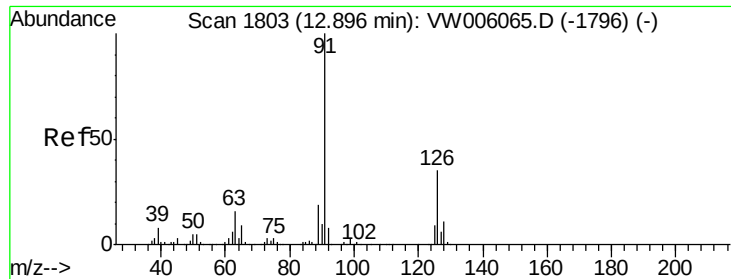
Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.4	12.2	36.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.512 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW006399.D

Acq: 26 Oct 2018 09:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 401378

Ion Ratio Lower Upper

91 100

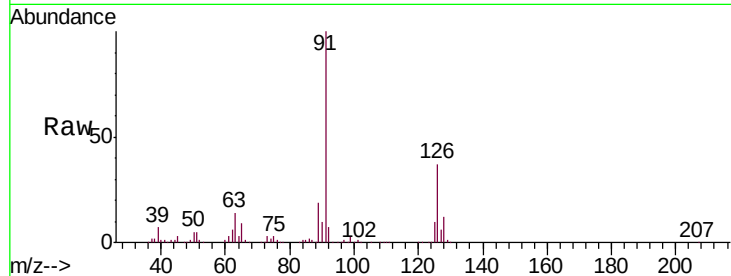
126 36.5 17.9 53.8

Manual Integrations

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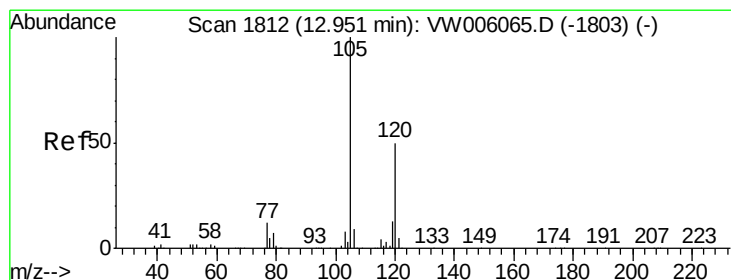
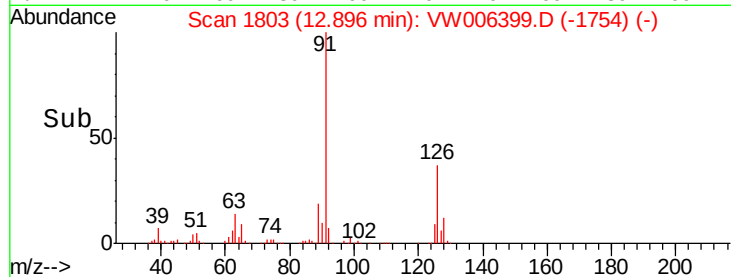
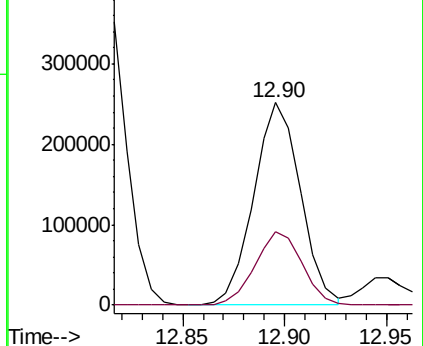
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 53.981 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW006399.D

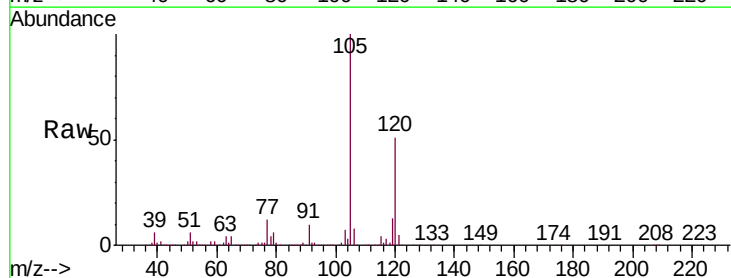
Acq: 26 Oct 2018 09:54

Tgt Ion: 105 Resp: 512601

Ion Ratio Lower Upper

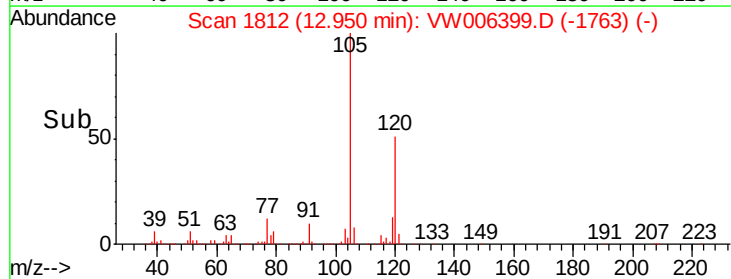
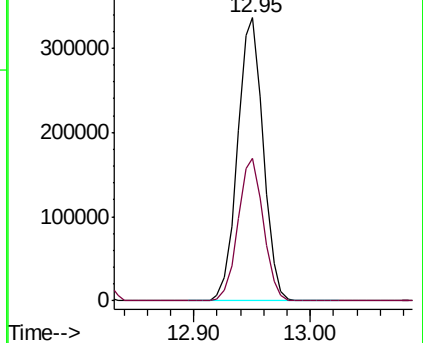
105 100

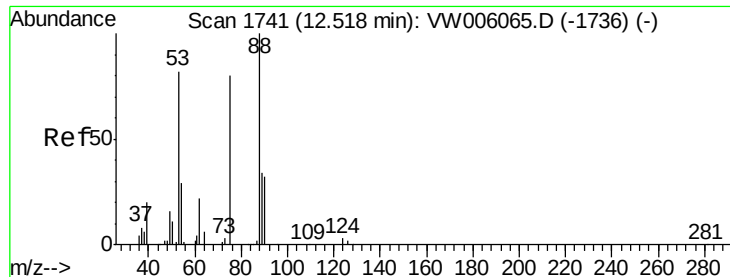
120 50.1 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





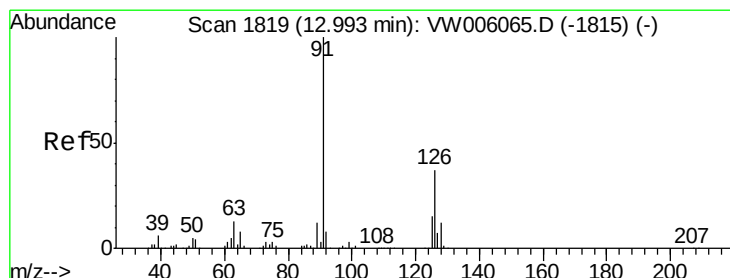
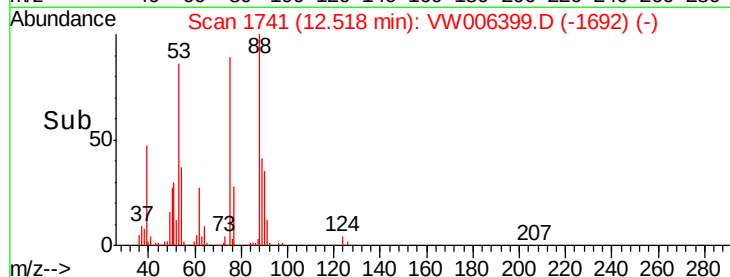
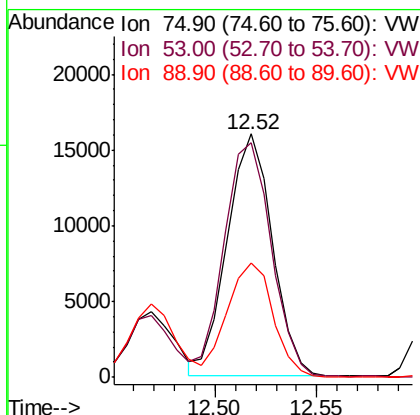
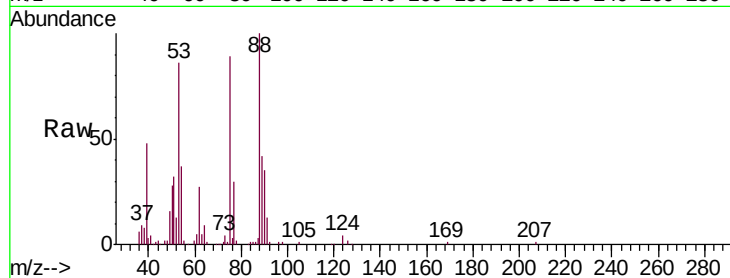
#81
trans-1,4-Dichloro-2-butene
Concen: 48.387 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW006399.D
Acq: 26 Oct 2018 09:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
75	100		
53	102.5	79.8	119.6
89	47.8	37.5	56.3

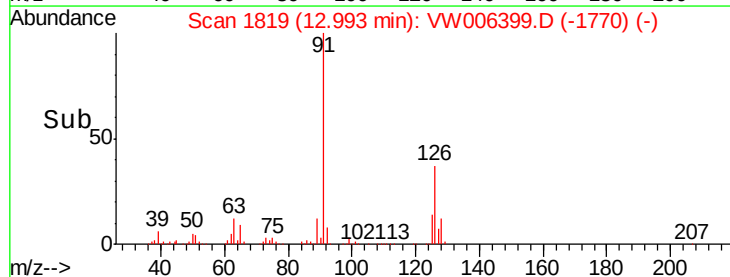
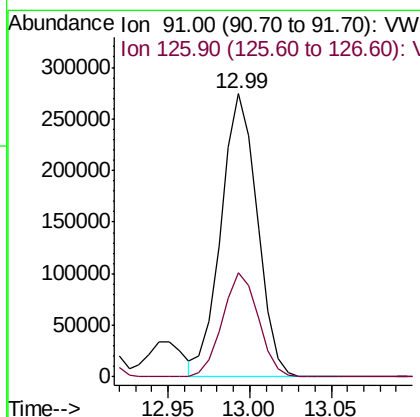
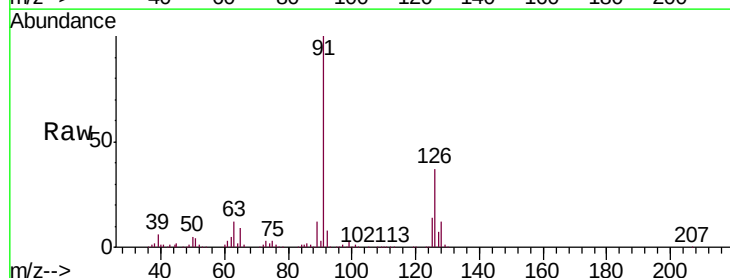
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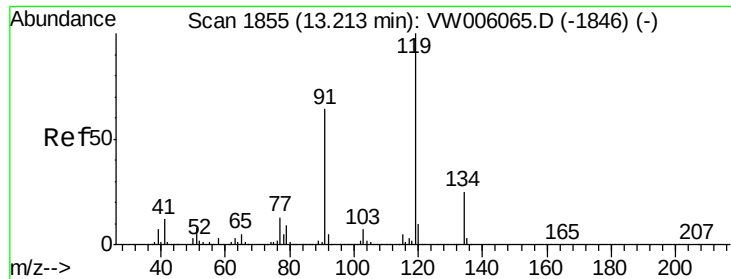
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#82
4-Chlorotoluene
Concen: 55.038 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW006399.D
Acq: 26 Oct 2018 09:54

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.5	18.1	54.3





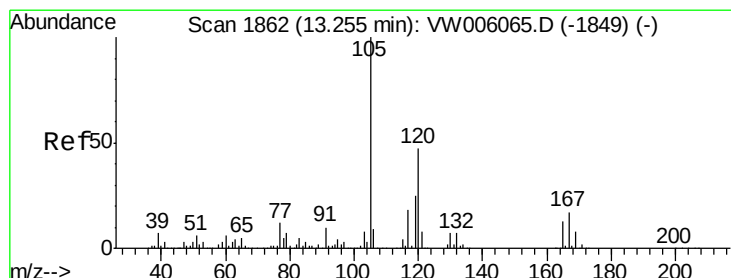
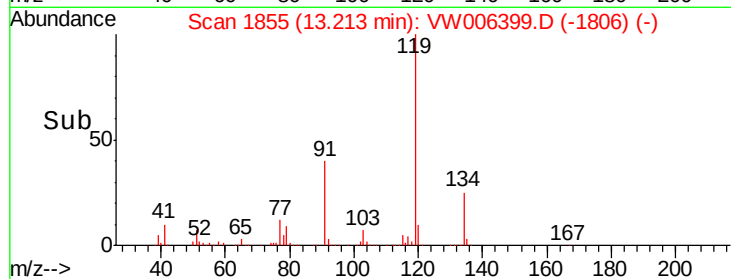
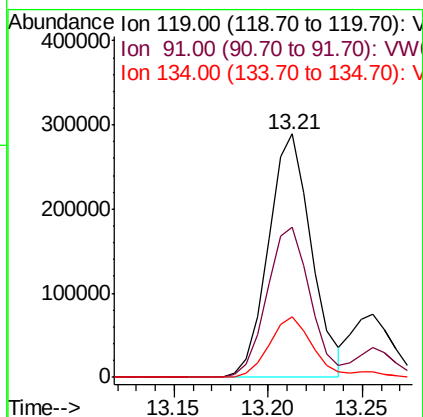
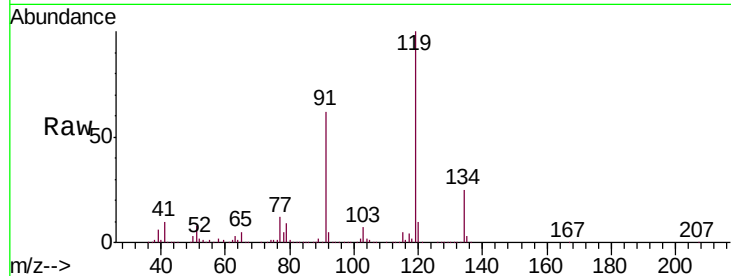
#83
 tert-Butylbenzene
 Concen: 53.835 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW006399.D
 Acq: 26 Oct 2018 09:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	457385		
91	62.1	32.3	96.9	
134	26.3	13.6	40.8	

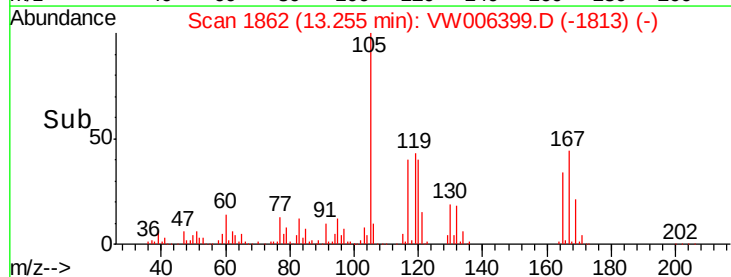
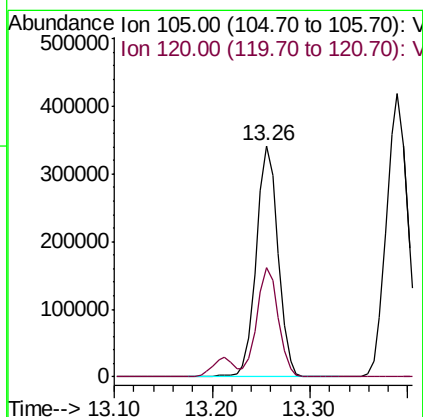
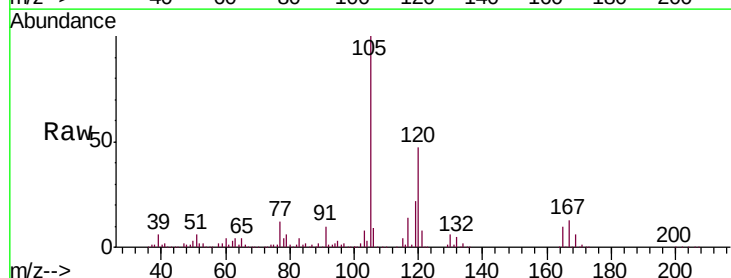
Manual Integrations
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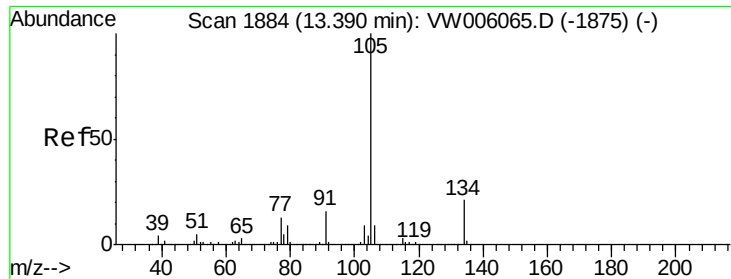
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#84
 1,2,4-Trimethylbenzene
 Concen: 54.843 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW006399.D
 Acq: 26 Oct 2018 09:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	526992		
120	46.0	23.1	69.3	





#85

sec-Butylbenzene

Concen: 52.964 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW006399.D

Acq: 26 Oct 2018 09:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 635709

Ion Ratio Lower Upper

105 100

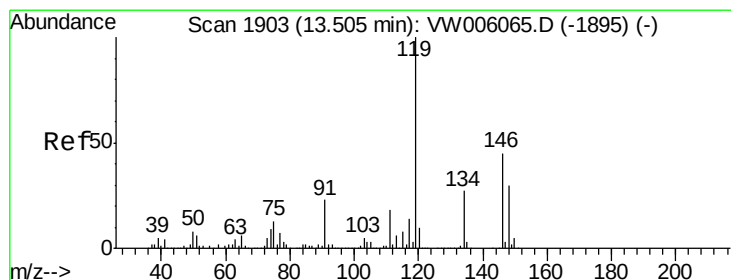
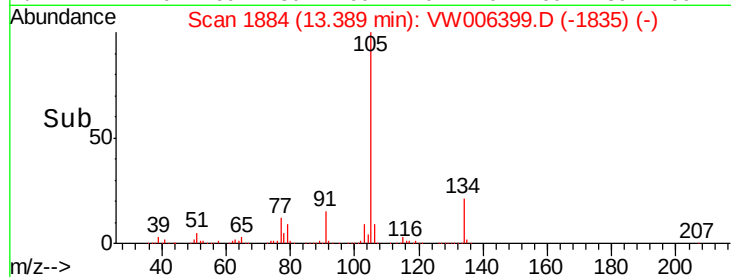
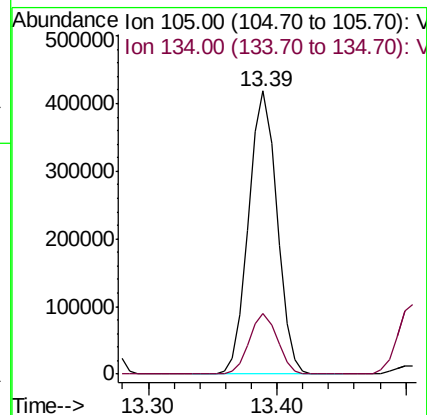
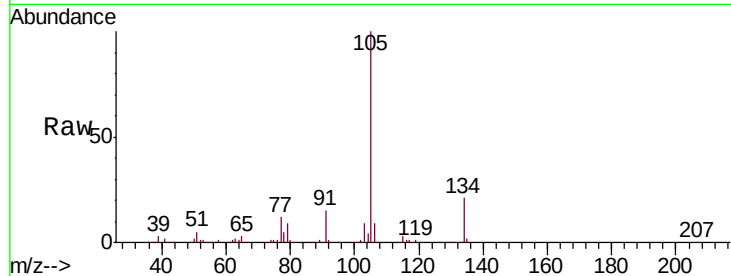
134 21.2 10.5 31.6

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 53.536 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006399.D

Acq: 26 Oct 2018 09:54

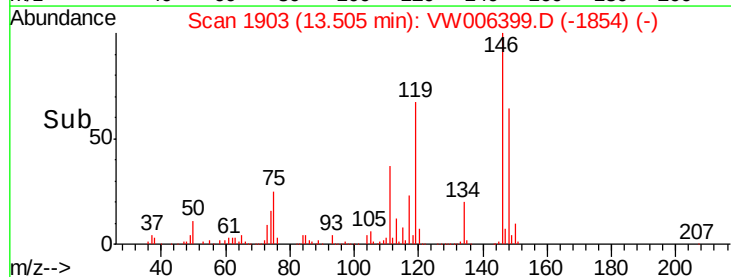
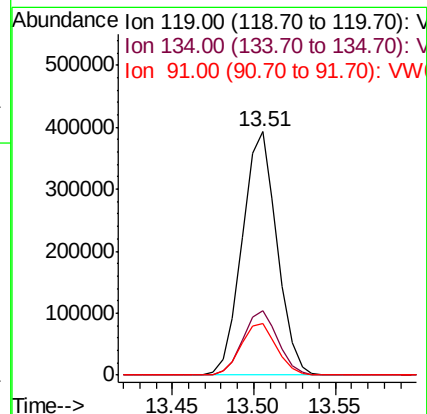
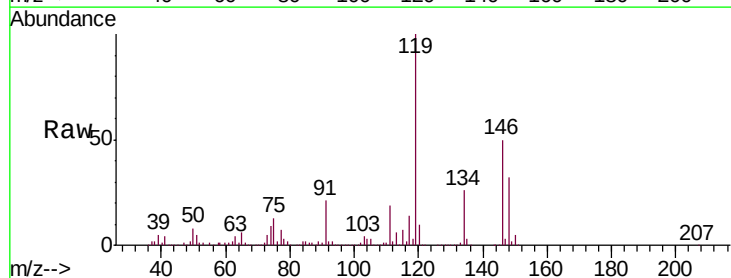
Tgt Ion:119 Resp: 581209

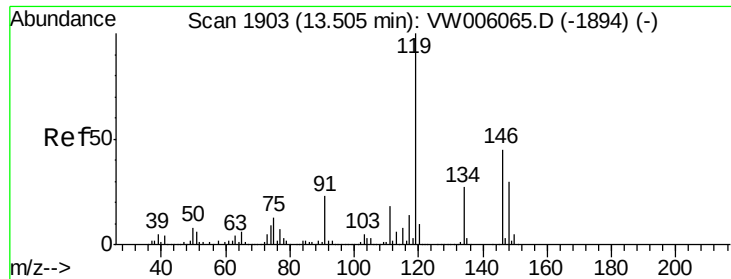
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

91 22.0 11.4 34.1





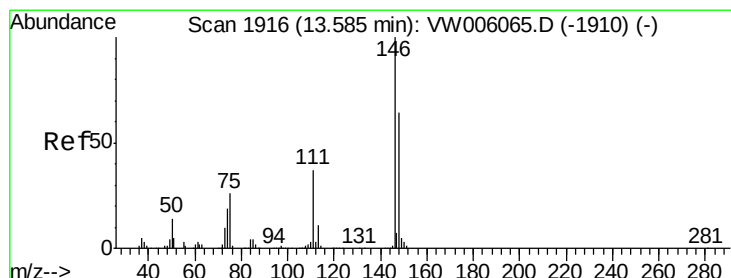
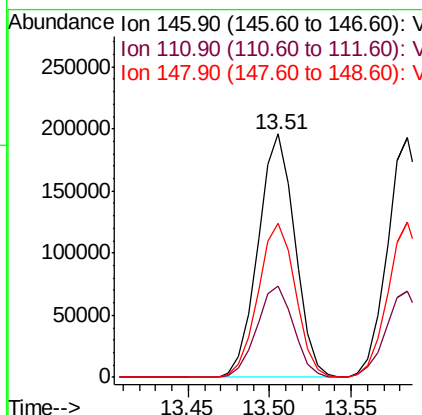
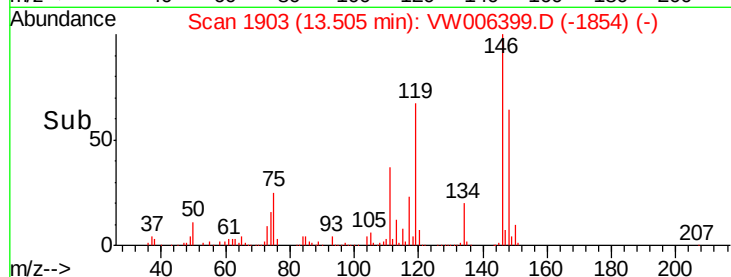
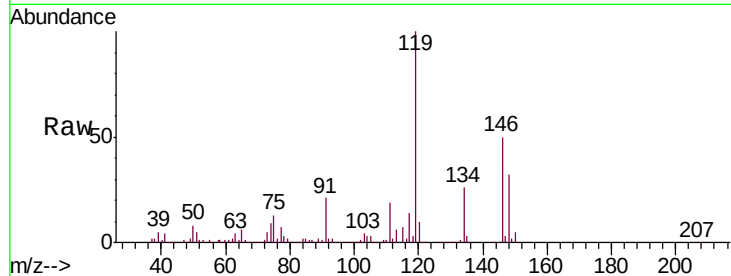
#87
 1,3-Dichlorobenzene
 Concen: 56.048 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006399.D
 Acq: 26 Oct 2018 09:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.1	57.5
148	64.4	32.0	96.2

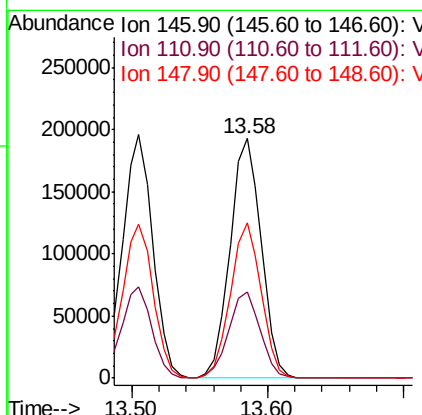
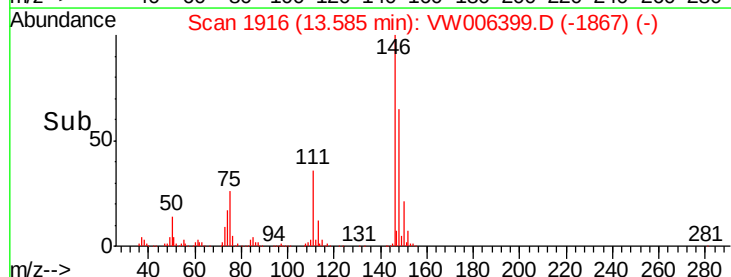
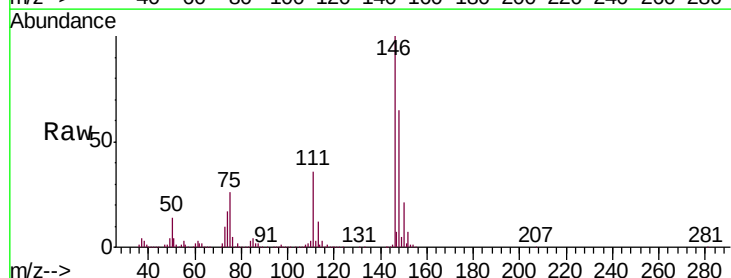
Manual Integrations
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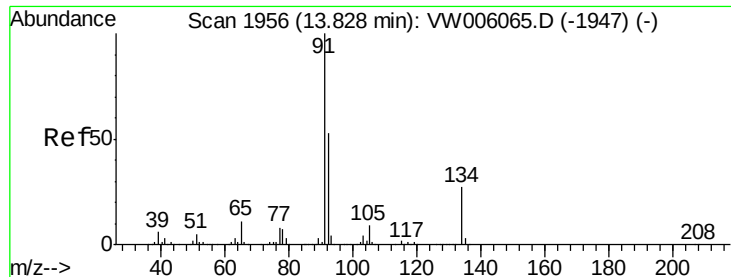
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#88
 1,4-Dichlorobenzene
 Concen: 56.049 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006399.D
 Acq: 26 Oct 2018 09:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.6	56.0
148	64.0	32.1	96.5





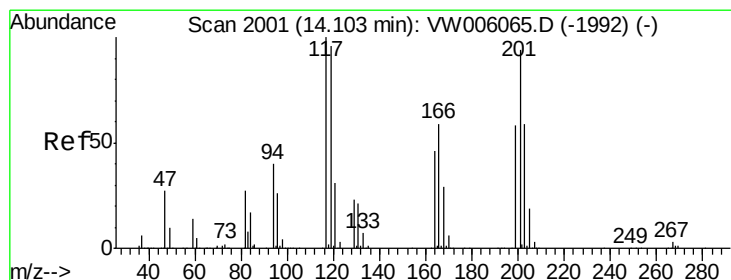
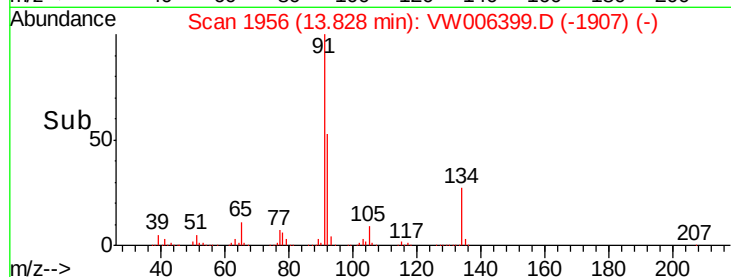
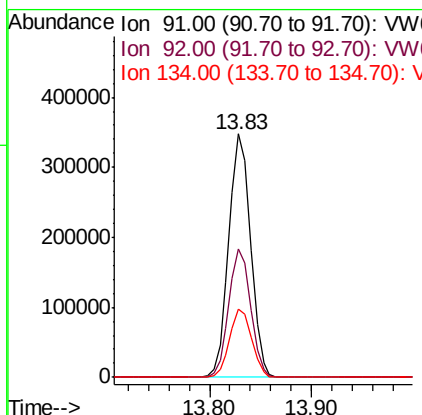
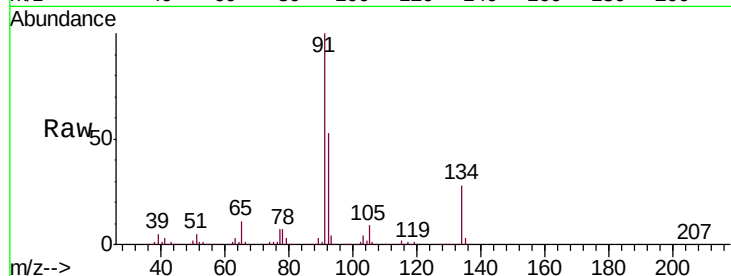
#89
n-Butylbenzene
Concen: 51.644 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006399.D
Acq: 26 Oct 2018 09:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.6	79.7
134	28.0	14.0	41.9

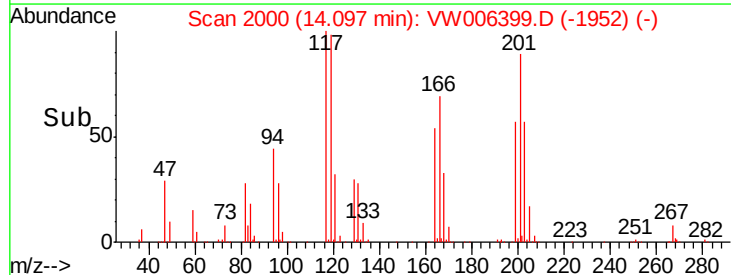
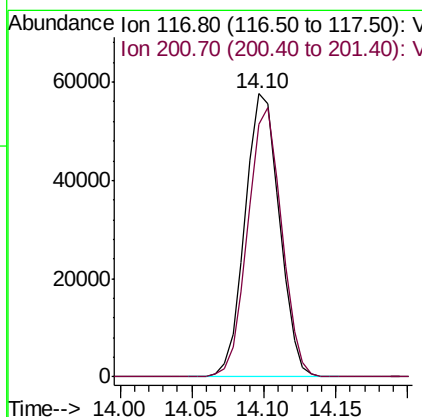
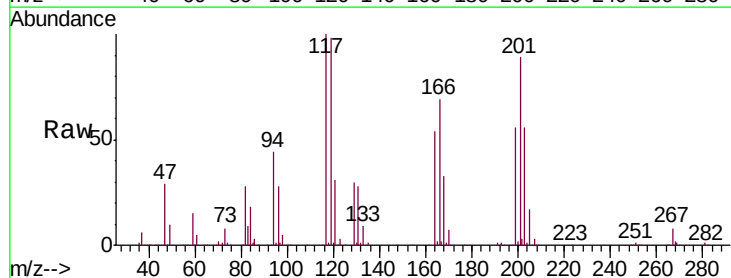
Manual Integrations
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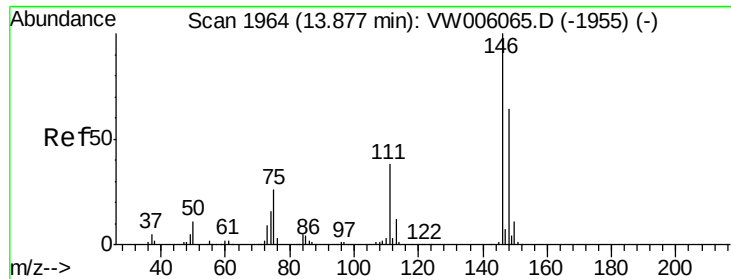
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#90
Hexachloroethane
Concen: 51.836 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: VW006399.D
Acq: 26 Oct 2018 09:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.1	45.3	135.9





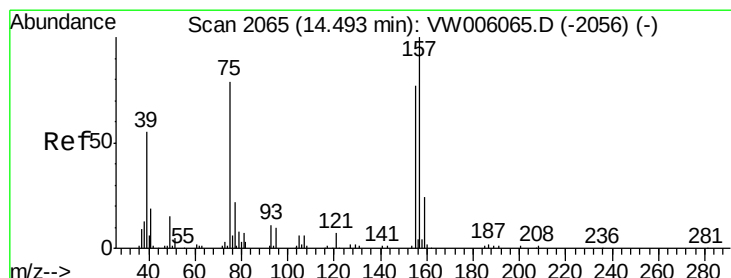
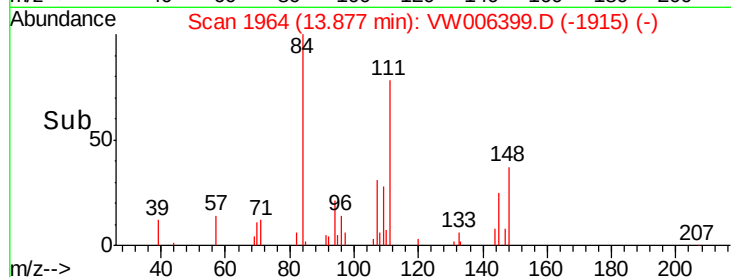
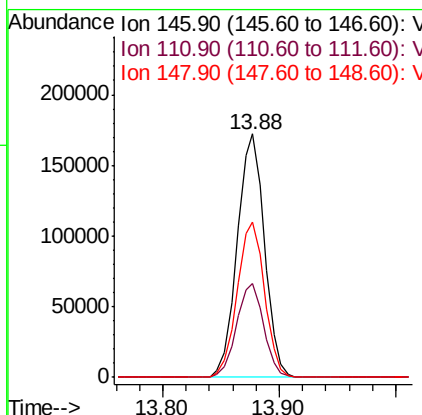
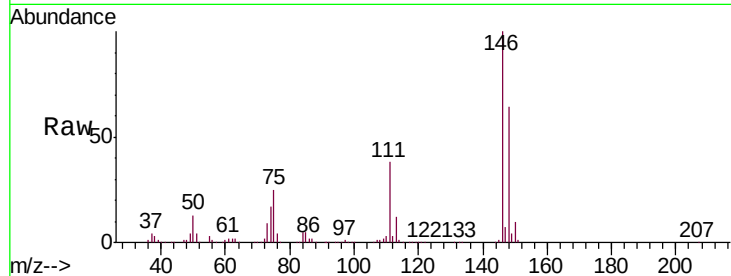
#91
 1,2-Dichlorobenzene
 Concen: 57.255 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006399.D
 Acq: 26 Oct 2018 09:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.6	58.7
148	63.9	32.2	96.6

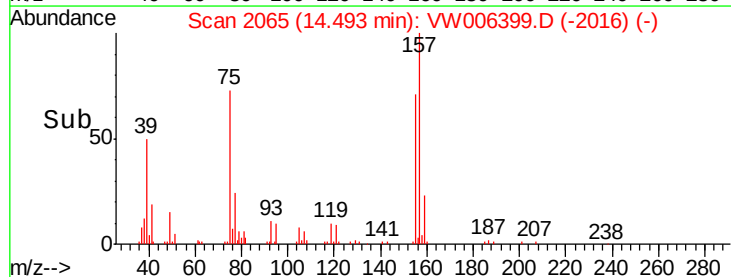
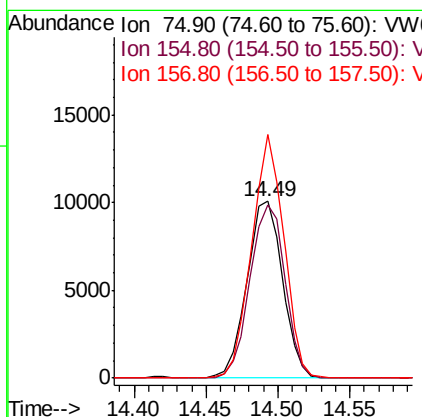
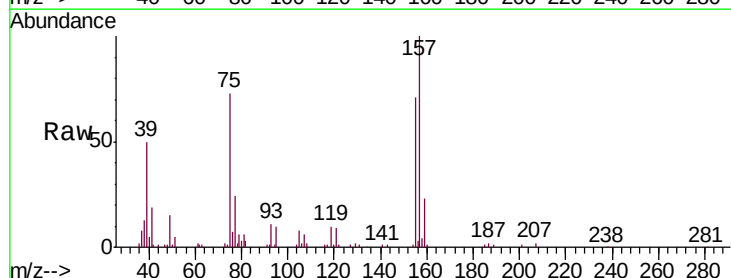
Manual Integrations
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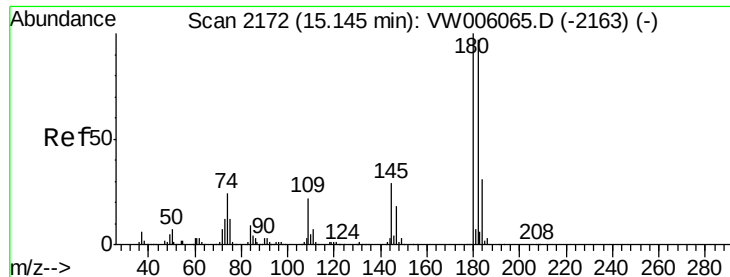
apatel
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.204 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW006399.D
 Acq: 26 Oct 2018 09:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.0	46.5	139.5
157	124.0	59.8	179.4





#93

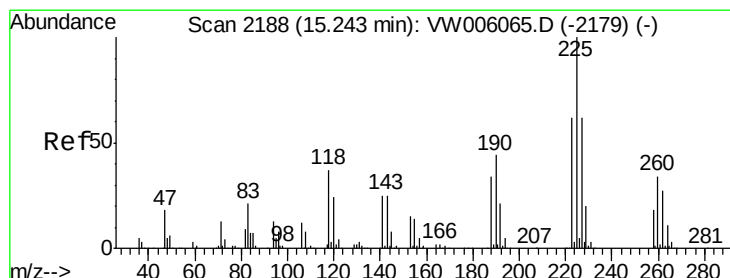
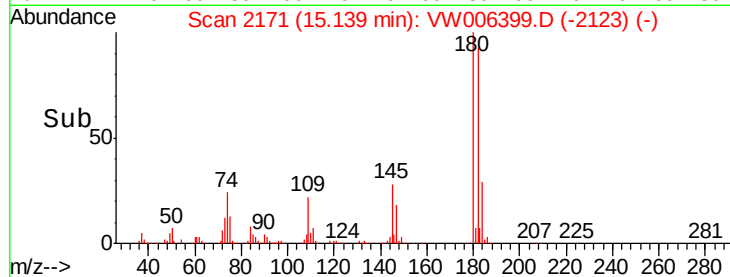
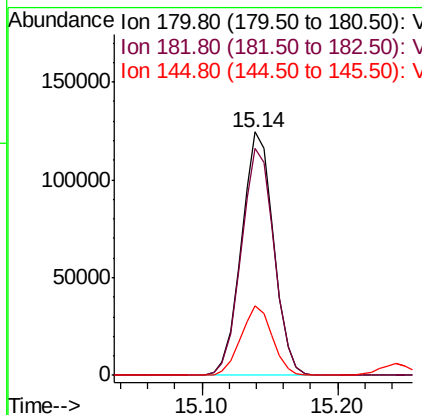
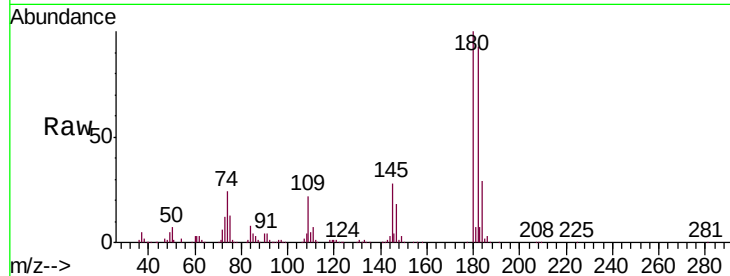
1,2,4-Trichlorobenzene
Concen: 54.328 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.01 min
Lab File: VW006399.D
Acq: 26 Oct 2018 09:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	204740		
182	95.4	47.9	143.6	
145	28.2	14.2	42.8	

Manual Integrations
APPROVED

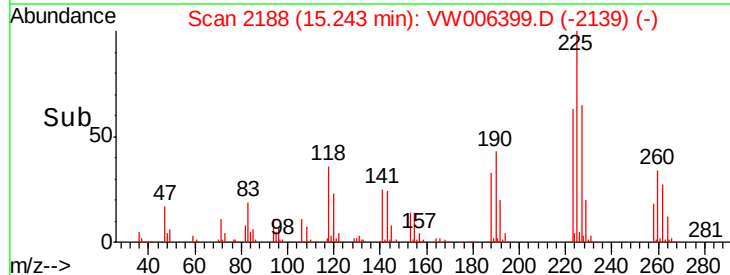
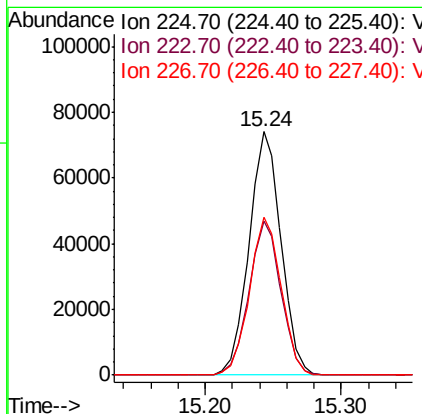
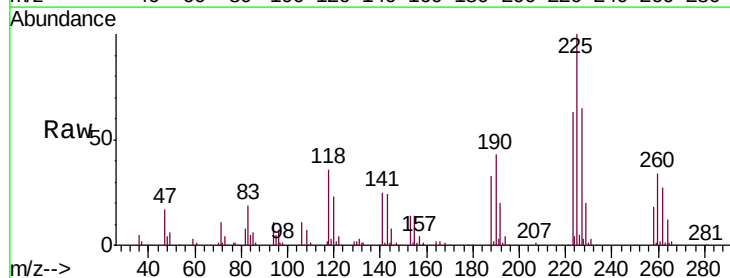
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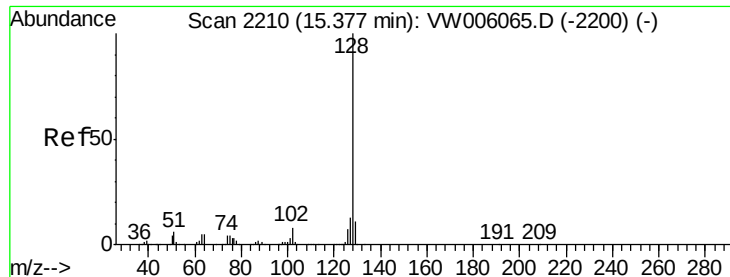


#94

Hexachlorobutadiene
Concen: 51.578 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW006399.D
Acq: 26 Oct 2018 09:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	122105		
223	63.3	31.1	93.5	
227	64.3	32.4	97.0	





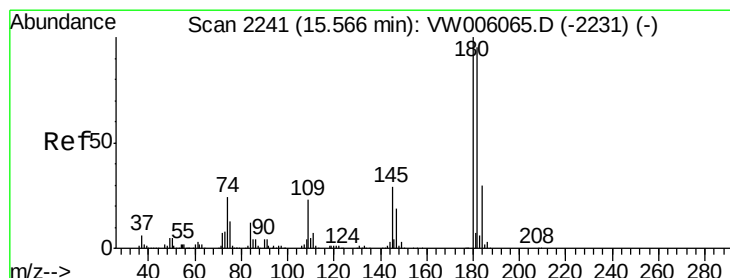
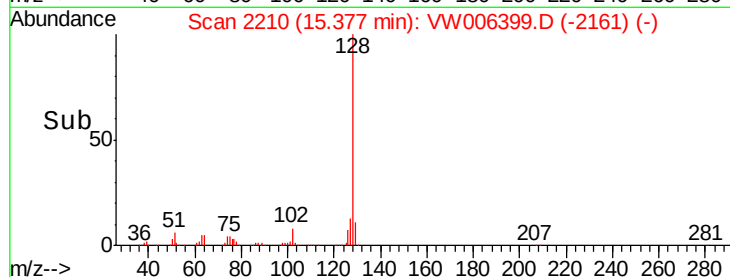
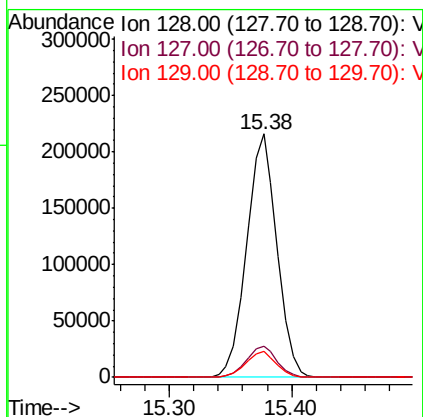
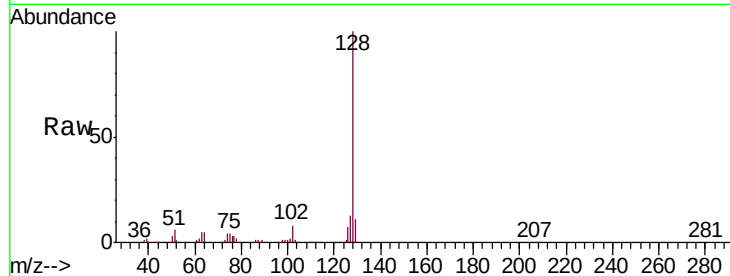
#95
Naphthalene
Concen: 59.089 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006399.D
Acq: 26 Oct 2018 09:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	370430		
127	12.8	10.3	15.5	
129	10.6	8.7	13.1	

Manual Integrations
APPROVED

apatel
10/26/2018 12:17:04 PM



#96
1,2,3-Trichlorobenzene
Concen: 56.189 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006399.D
Acq: 26 Oct 2018 09:54

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	183155		
182	96.6	47.8	143.3	
145	29.6	15.0	45.1	

