

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112118\
 Data File : VW006979.D
 Acq On : 20 Nov 2018 16:21
 Operator : SY/AP
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 11/21/2018 11:32:36 AM

Quant Time: Nov 21 03:20:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 02:56:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	117237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	187580	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	176332	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	83947	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	173293	150.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	301.96%	
35) Dibromofluoromethane	7.88	113	169621	160.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	320.24%	
50) Toluene-d8	10.33	98	694599	148.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	296.98%	
62) 4-Bromofluorobenzene	12.62	95	263312	143.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	286.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	163594	141.33	ug/l	99
3) Chloromethane	2.21	50	144802	150.11	ug/l	99
4) Vinyl Chloride	2.36	62	140540	148.08	ug/l	100
5) Bromomethane	2.78	94	67312	132.88	ug/l	94
6) Chloroethane	2.92	64	74543	142.48	ug/l	99
7) Trichlorofluoromethane	3.26	101	287578	154.09	ug/l	96
8) Diethyl Ether	3.69	74	88920	147.87	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	172863	142.87	ug/l	99
10) Methyl Iodide	4.28	142	237153	171.23	ug/l	99
11) Tert butyl alcohol	5.22	59	55148	748.82	ug/l #	87
12) 1,1-Dichloroethene	4.04	96	163585	154.16	ug/l	96
13) Acrolein	3.90	56	50564	658.96	ug/l	98
14) Allyl chloride	4.67	41	278160	158.04	ug/l	100
15) Acrylonitrile	5.38	53	175006	774.30	ug/l	99
16) Acetone	4.15	43	123878	743.37	ug/l	98
17) Carbon Disulfide	4.38	76	558986	162.93	ug/l	98
18) Methyl Acetate	4.68	43	88567	149.24	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	414796	149.70	ug/l	100
20) Methylene Chloride	4.92	84	184944	112.30	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	187539	151.71	ug/l	95
22) Diisopropyl ether	6.32	45	524507	153.11	ug/l	99
23) Vinyl Acetate	6.26	43	1417476	779.17	ug/l	100
24) 1,1-Dichloroethane	6.22	63	325221	156.05	ug/l	99
25) 2-Butanone	7.18	43	207399	726.66	ug/l	100
26) 2,2-Dichloropropane	7.17	77	272043	145.16	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	205615	156.20	ug/l	99
28) Bromochloromethane	7.52	49	119770	153.77	ug/l #	98
29) Tetrahydrofuran	7.53	42	139992	757.33	ug/l	99
30) Chloroform	7.68	83	334606	151.13	ug/l	97
31) Cyclohexane	7.96	56	287453	130.04	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	291095	145.97	ug/l	100
36) 1,1-Dichloropropene	8.09	75	256201	139.77	ug/l	100
37) Ethyl Acetate	7.26	43	93827	141.25	ug/l	98
38) Carbon Tetrachloride	8.07	117	250643	142.79	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	336159	146.54	ug/l	98
40) Benzene	8.33	78	727058	146.94	ug/l	99
41) Methacrylonitrile	7.49	41	60176	145.88	ug/l	96
42) 1,2-Dichloroethane	8.40	62	210596	146.60	ug/l	99
43) Isopropyl Acetate	8.43	43	199072	157.27	ug/l	98
44) Trichloroethene	9.09	130	198885	143.39	ug/l	99
45) 1,2-Dichloropropane	9.37	63	176702	144.87	ug/l	99
46) Dibromomethane	9.46	93	91882	150.42	ug/l	98
47) Bromodichloromethane	9.65	83	235544	146.36	ug/l	98
48) Methyl methacrylate	9.44	41	95560	156.56	ug/l	99
49) 1,4-Dioxane	9.48	88	25920	2855.05	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	464144	725.57	ug/l	100
52) Toluene	10.39	92	494784	146.94	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	246284	157.98	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	288346	153.09	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	131858	146.72	ug/l	99
56) Ethyl methacrylate	10.65	69	166836	159.93	ug/l	98
57) 1,3-Dichloropropane	10.93	76	223076	148.12	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	389005	713.63	ug/l	100
59) 2-Hexanone	10.97	43	318739	727.62	ug/l	99
60) Dibromochloromethane	11.13	129	160063	156.31	ug/l	99
61) 1,2-Dibromoethane	11.24	107	124975	152.02	ug/l	99
64) Tetrachloroethene	10.87	164	166237	146.54	ug/l	98
65) Chlorobenzene	11.66	112	542388	147.38	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	174144	156.42	ug/l	99
67) Ethyl Benzene	11.73	91	987415	146.05	ug/l	98
68) m/p-Xylenes	11.84	106	767420	289.32	ug/l	100
69) o-Xylene	12.17	106	362898	145.09	ug/l	99
70) Styrene	12.18	104	588485	147.83	ug/l	99
71) Bromoform	12.35	173	84757	161.61	ug/l #	99
73) Isopropylbenzene	12.47	105	1001267	153.47	ug/l	100
74) N-amyl acetate	12.27	43	176034	160.99	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	132393	152.48	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	86668m	79.77	ug/l	
77) Bromobenzene	12.75	156	210648	150.32	ug/l	98
78) n-propylbenzene	12.81	91	1197801	151.57	ug/l	99
79) 2-Chlorotoluene	12.90	91	690050	151.44	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	856870	151.88	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	42968	163.53	ug/l	99
82) 4-Chlorotoluene	12.99	91	720988	150.78	ug/l	99
83) tert-Butylbenzene	13.21	119	732211	149.90	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	852923	151.74	ug/l	100
85) sec-Butylbenzene	13.39	105	1030096	149.28	ug/l	99
86) p-Isopropyltoluene	13.51	119	901400	148.07	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	411519	143.85	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	415292	145.60	ug/l	99
89) n-Butylbenzene	13.83	91	869785	151.82	ug/l	99
90) Hexachloroethane	14.10	117	146503	164.83	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	363138	144.87	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	23692	161.56	ug/l	95

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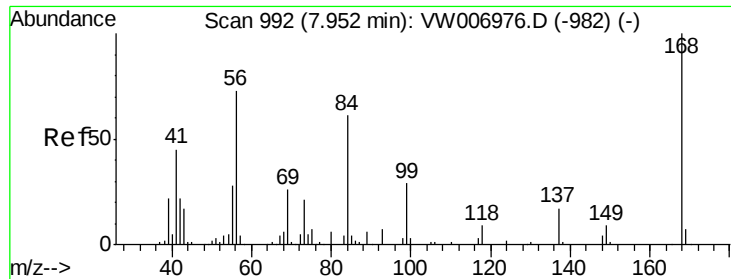
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	257384	155.71	ug/l	100
94) Hexachlorobutadiene	15.24	225	129042	143.60	ug/l	99
95) Naphthalene	15.38	128	482699	160.87	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	217371	158.51	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006979.D

Acq: 20 Nov 2018 16:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 168 Resp: 117237

Ion Ratio Lower Upper

168 100

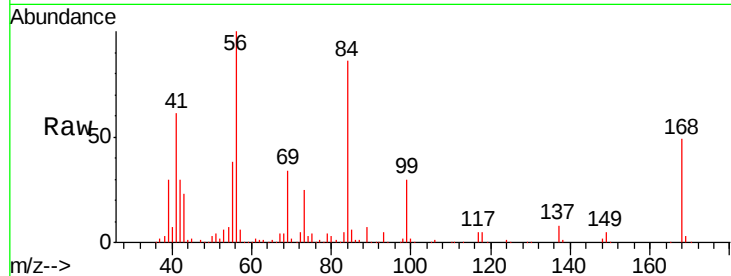
99 61.0 48.2 72.4

Manual Integrations

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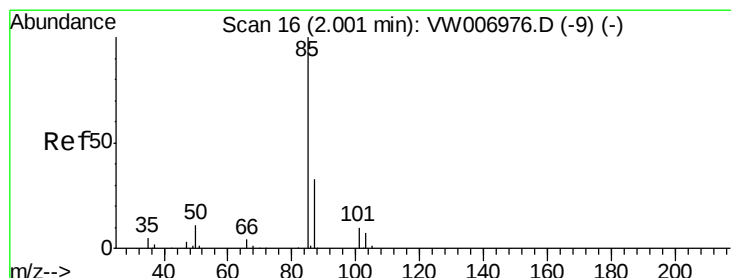
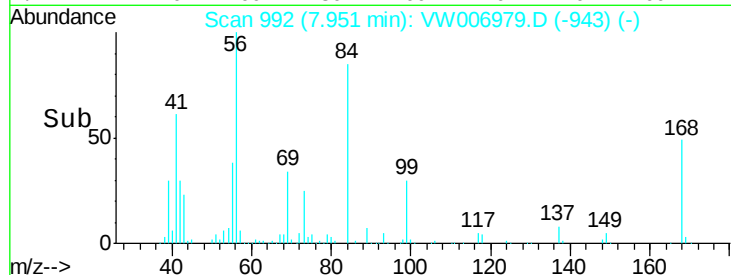
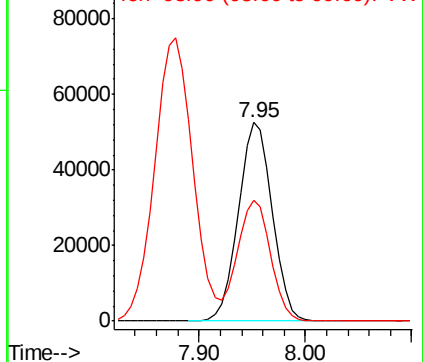
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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 141.33 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW006979.D

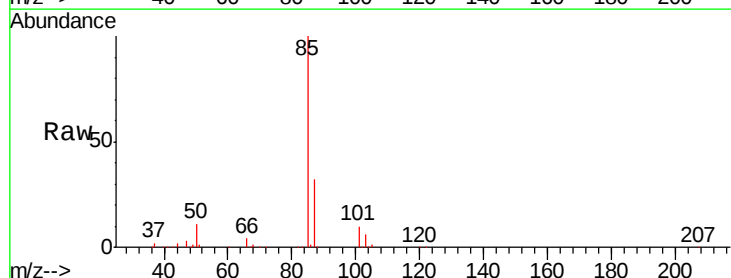
Acq: 20 Nov 2018 16:21

Tgt Ion: 85 Resp: 163594

Ion Ratio Lower Upper

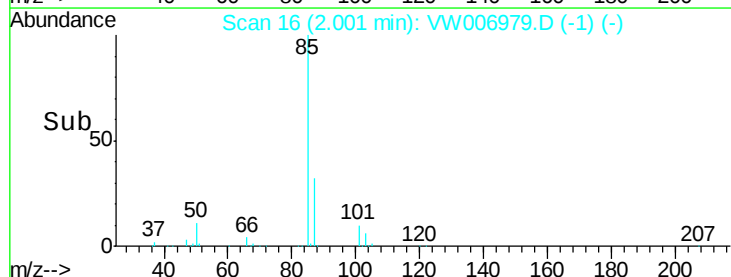
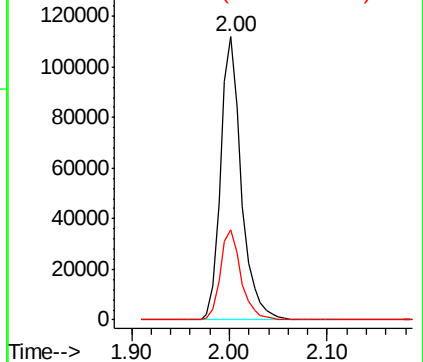
85 100

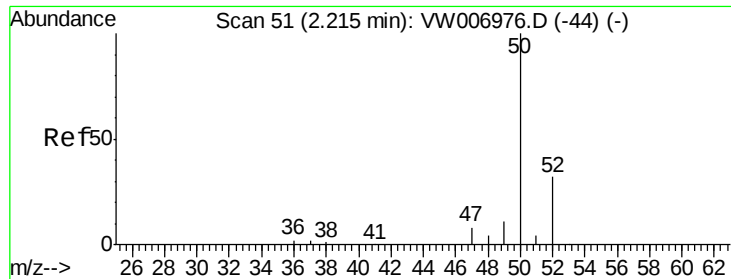
87 31.9 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 150.11 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW006979.D

Acq: 20 Nov 2018 16:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 50 Resp: 144802

Ion Ratio Lower Upper

50 100

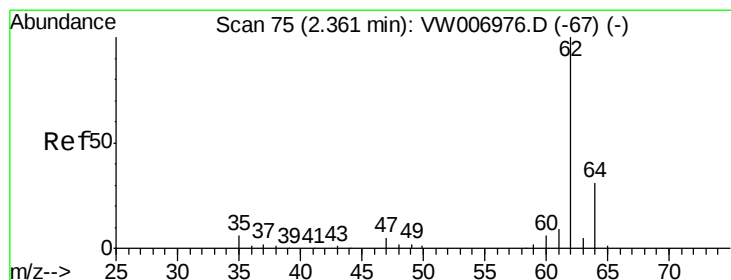
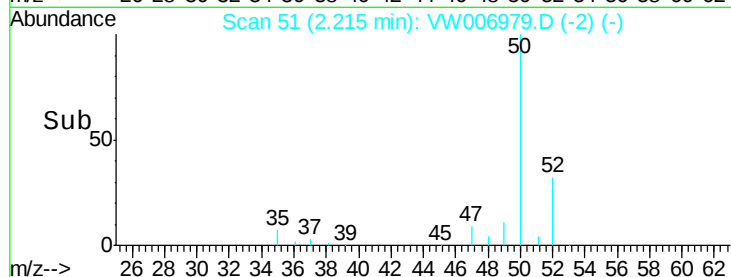
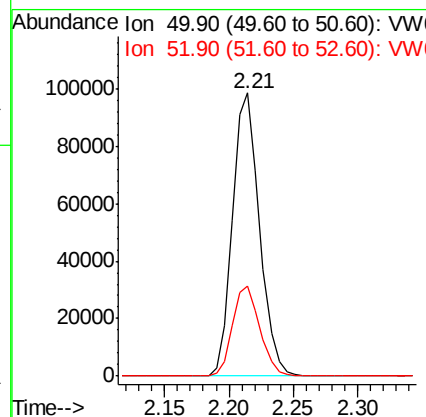
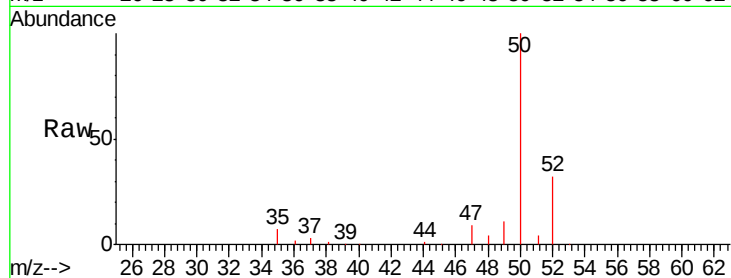
52 31.8 25.7 38.5

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#4

Vinyl Chloride

Concen: 148.08 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW006979.D

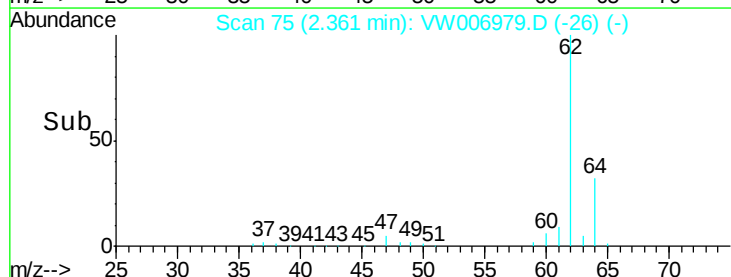
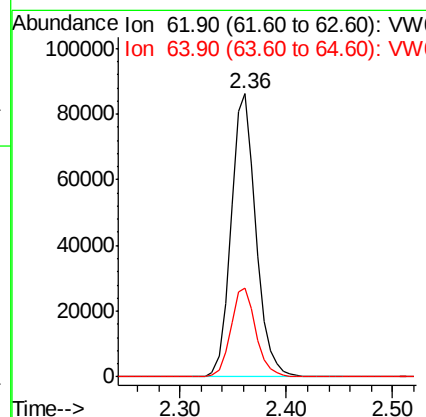
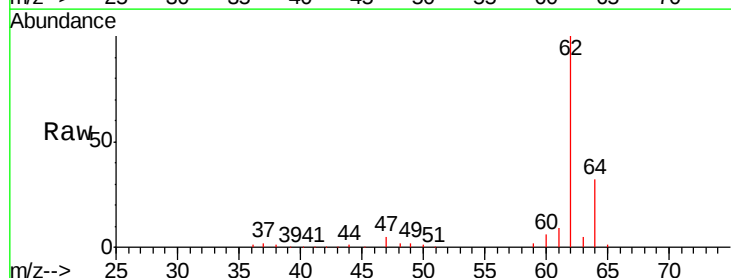
Acq: 20 Nov 2018 16:21

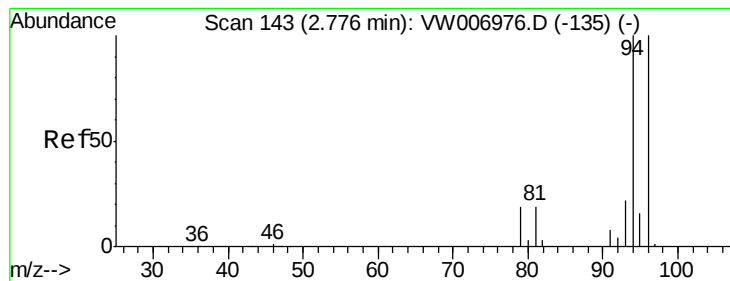
Tgt Ion: 62 Resp: 140540

Ion Ratio Lower Upper

62 100

64 31.6 25.2 37.8





#5

Bromomethane

Concen: 132.88 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW006979.D

Acq: 20 Nov 2018 16:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 94 Resp: 67312

Ion Ratio Lower Upper

94 100

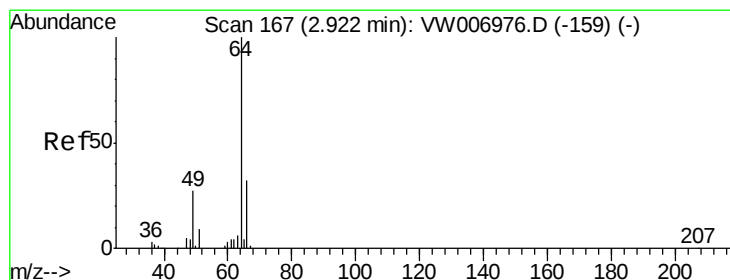
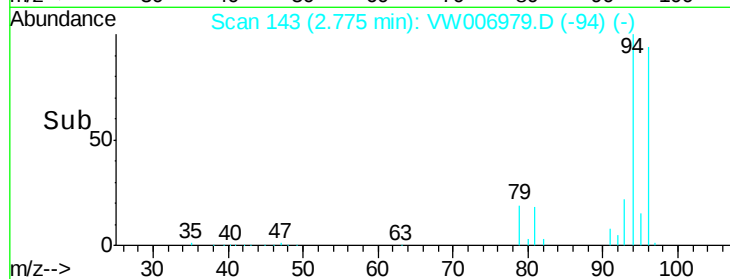
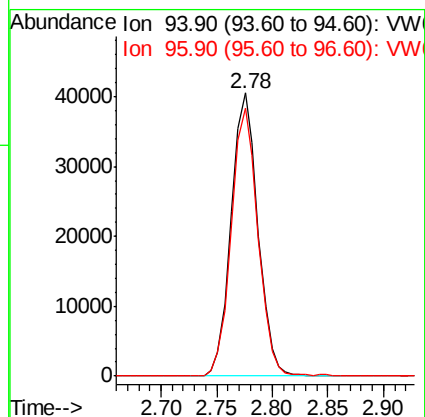
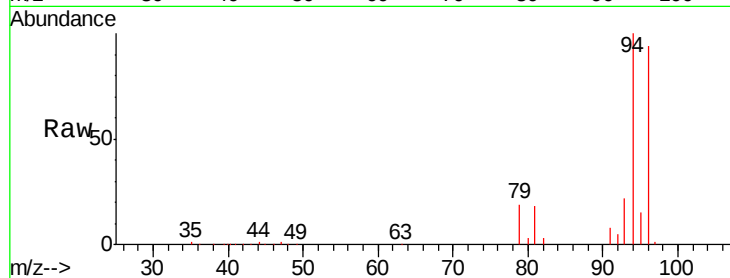
96 94.5 80.2 120.2

Manual Integrations

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#6

Chloroethane

Concen: 142.48 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW006979.D

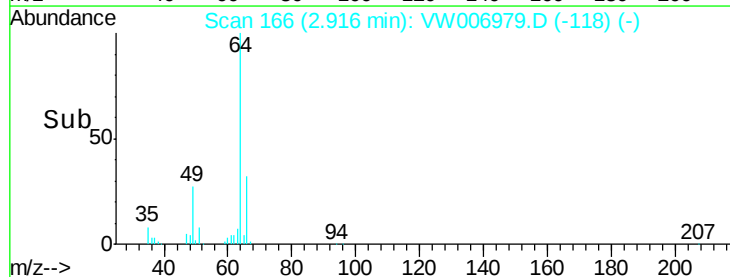
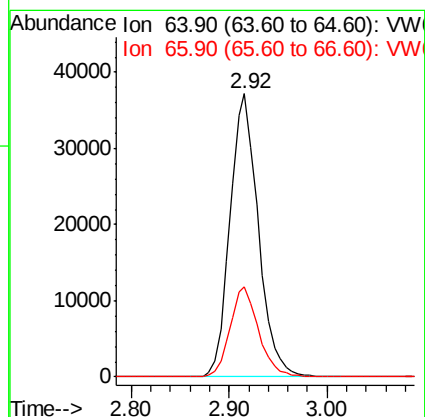
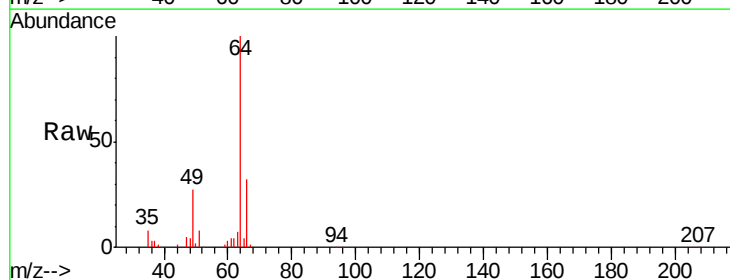
Acq: 20 Nov 2018 16:21

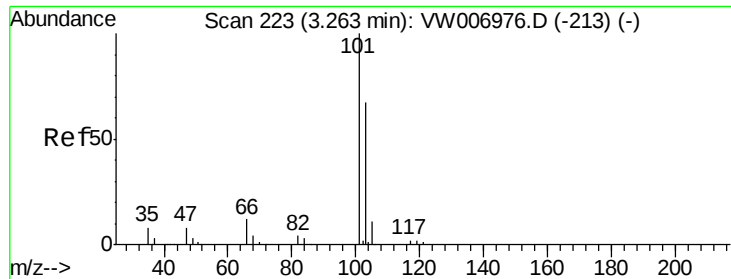
Tgt Ion: 64 Resp: 74543

Ion Ratio Lower Upper

64 100

66 31.9 25.3 37.9





#7

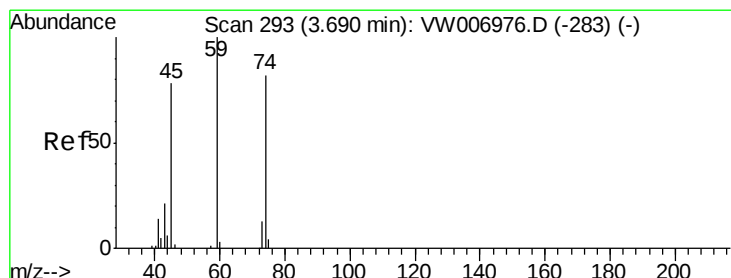
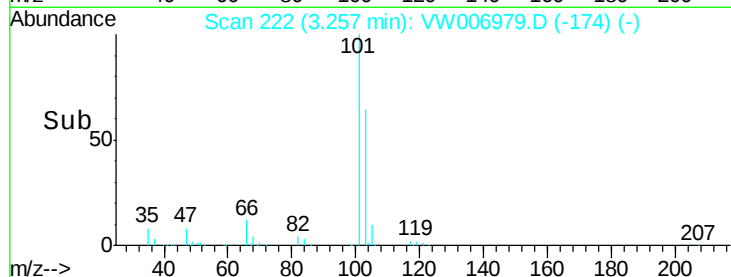
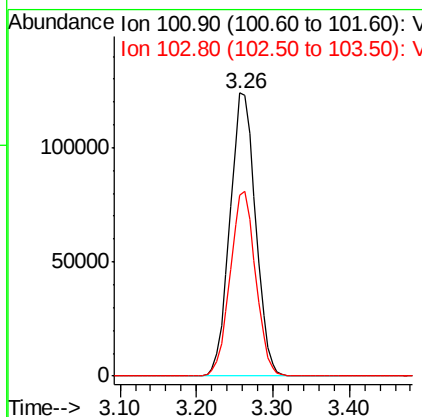
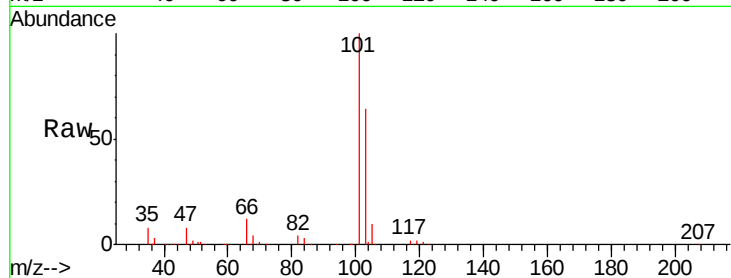
Trichlorofluoromethane
Concen: 154.09 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW006979.D
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Tgt Ion	Ratio	Resp	Lower	Upper
101	100	287578		
103	63.9	53.4	80.2	

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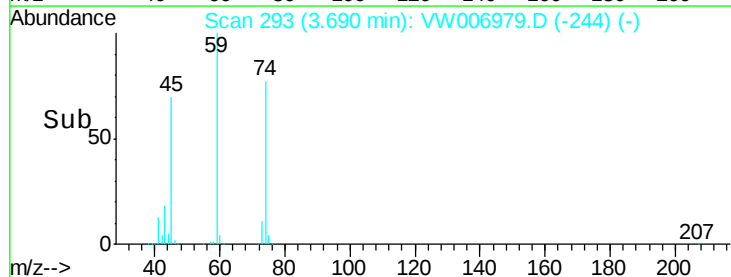
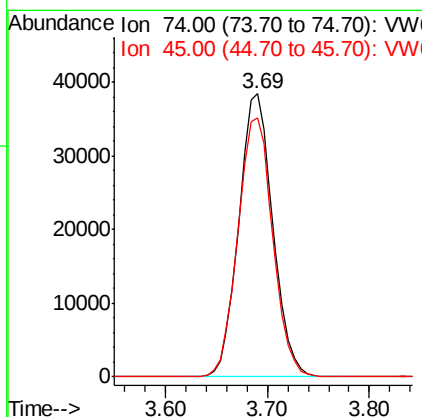
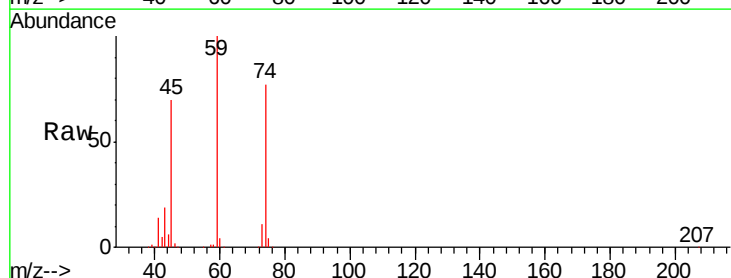
MMDadoda
11/21/2018 11:32:36 AM



#8

Diethyl Ether
Concen: 147.87 ug/l
RT: 3.69 min Scan# 293
Delta R.T. -0.00 min
Lab File: VW006979.D
Acq: 20 Nov 2018 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	88920		
45	93.9	48.4	145.2	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 142.87 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW006979.D

Acq: 20 Nov 2018 16:21

Instrument :

MSVOA_W

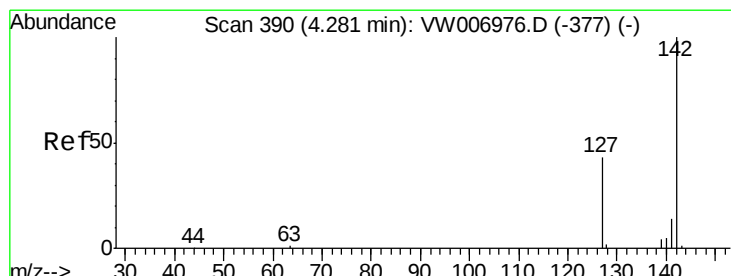
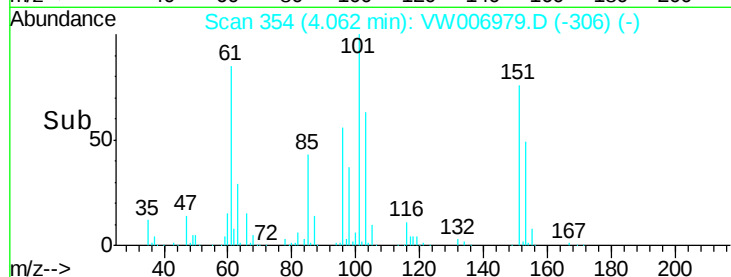
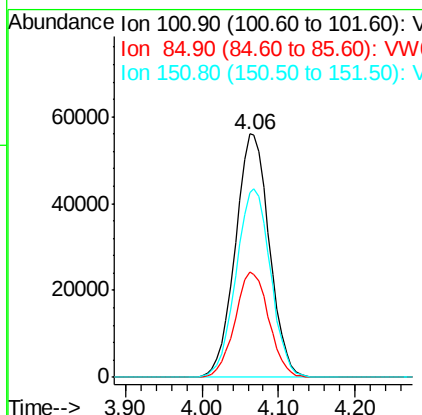
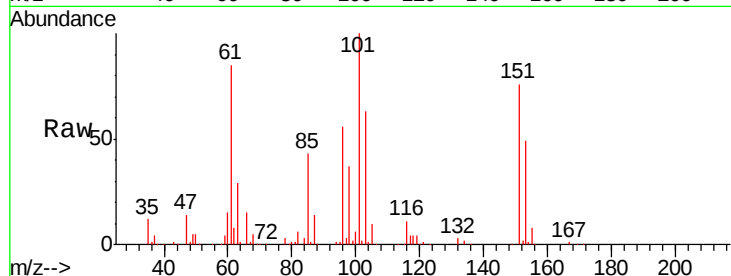
ClientSampleId :

VSTDIC150

Tgt Ion:	101	Resp:	172863
Ion Ratio	Lower	Upper	
101	100		
85	43.2	34.3	51.5
151	78.6	63.4	95.2

Manual Integrations
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#10

Methyl Iodide

Concen: 171.23 ug/l

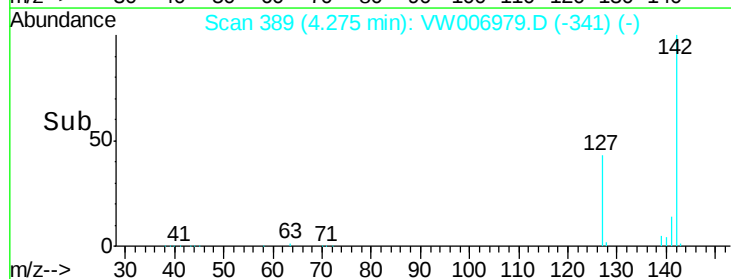
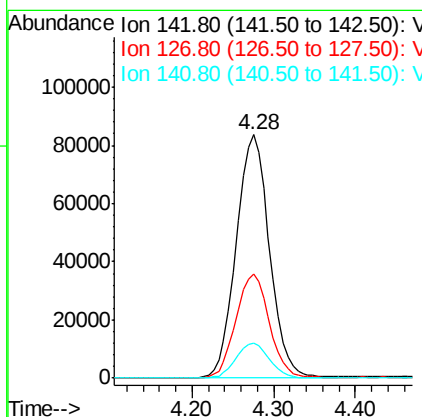
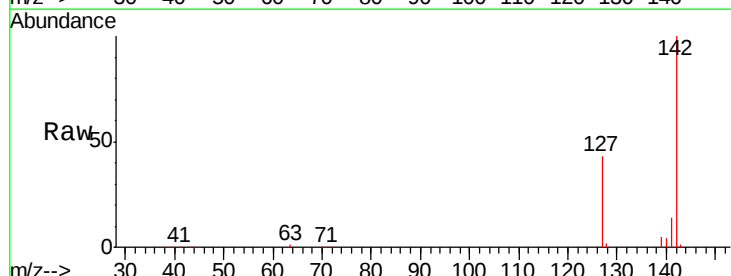
RT: 4.28 min Scan# 389

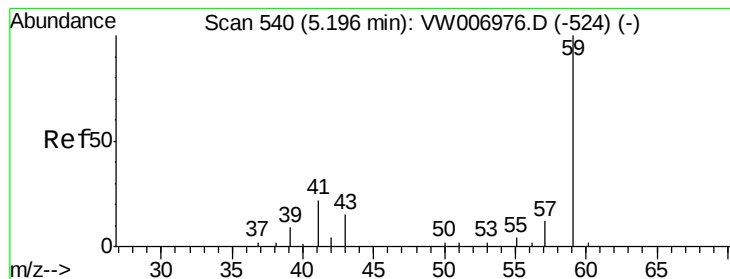
Delta R.T. -0.01 min

Lab File: VW006979.D

Acq: 20 Nov 2018 16:21

Tgt Ion:	142	Resp:	237153
Ion Ratio	Lower	Upper	
142	100		
127	43.3	35.3	52.9
141	14.6	11.7	17.5





#11

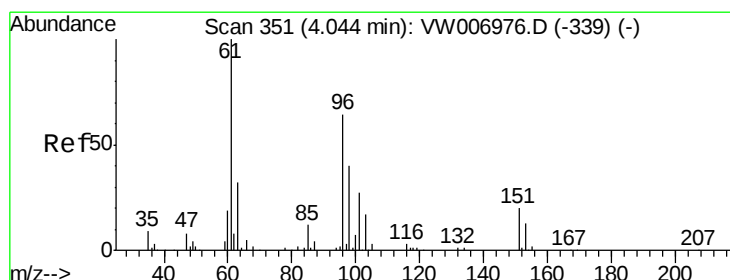
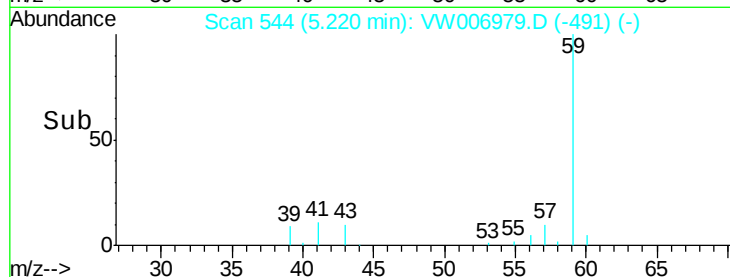
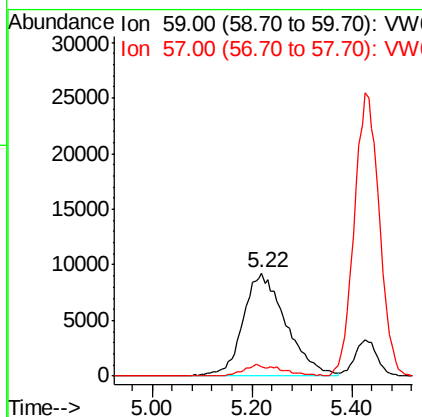
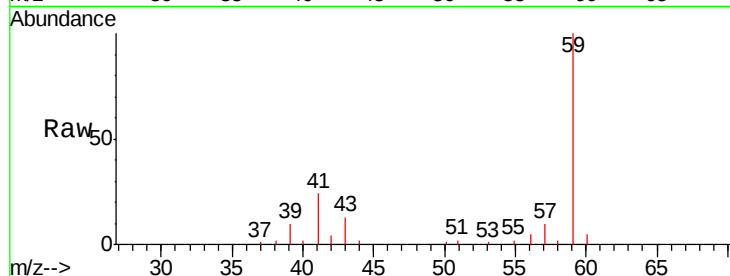
Tert butyl alcohol
Concen: 748.82 ug/l
RT: 5.22 min Scan# 544
Delta R.T. 0.02 min
Lab File: VW006979.D
Acq: 20 Nov 2018 16:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

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

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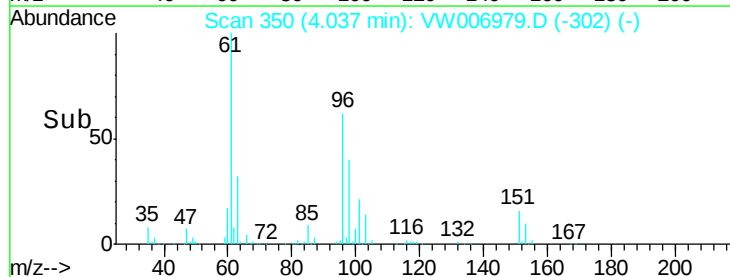
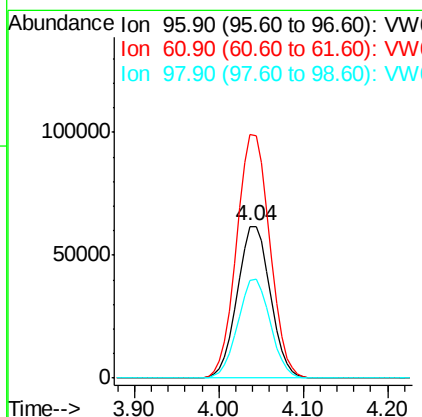
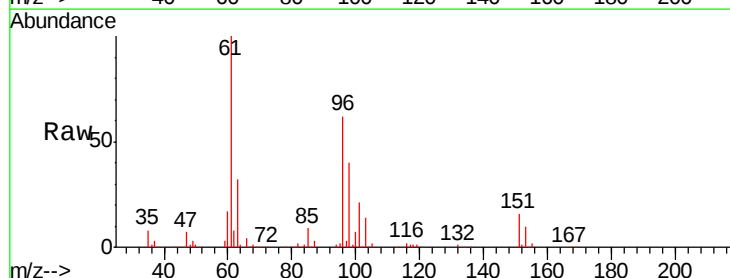
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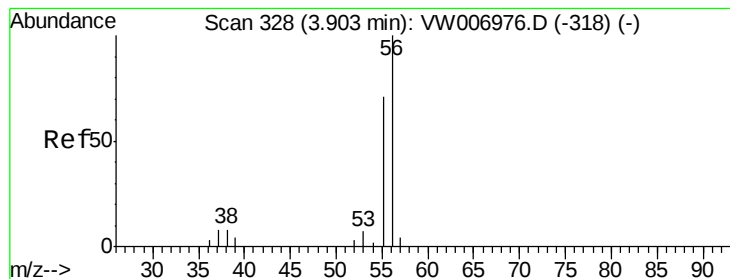


#12

1,1-Dichloroethene
Concen: 154.16 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW006979.D
Acq: 20 Nov 2018 16:21

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.3	124.3	186.5
98	64.0	49.4	74.2





#13

Acrolein

Concen: 658.96 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.00 min

Lab File: VW006979.D

Acq: 20 Nov 2018 16:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 56 Resp: 50564

Ion Ratio Lower Upper

56 100

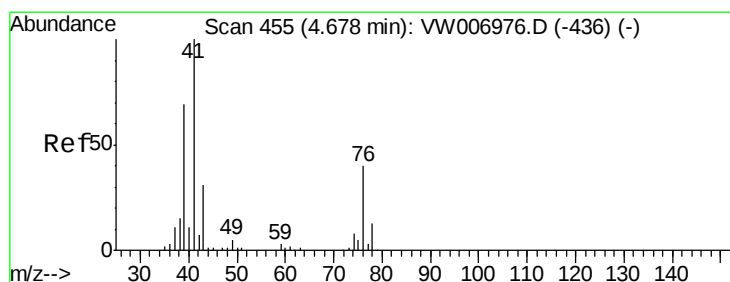
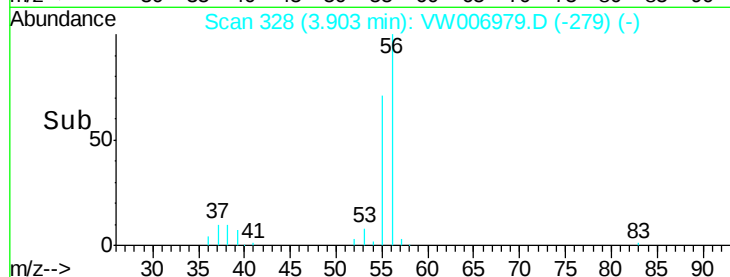
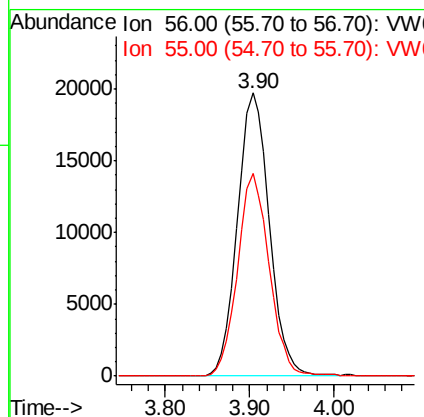
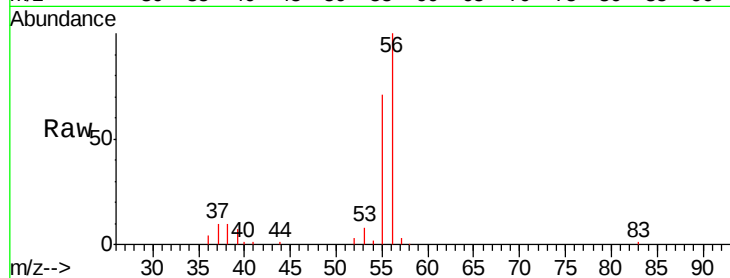
55 70.5 57.5 86.3

Manual Integrations

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#14

Allyl chloride

Concen: 158.04 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW006979.D

Acq: 20 Nov 2018 16:21

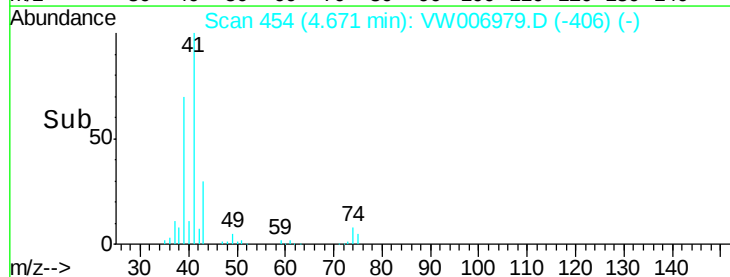
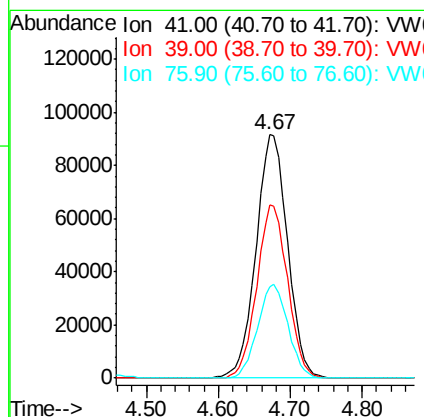
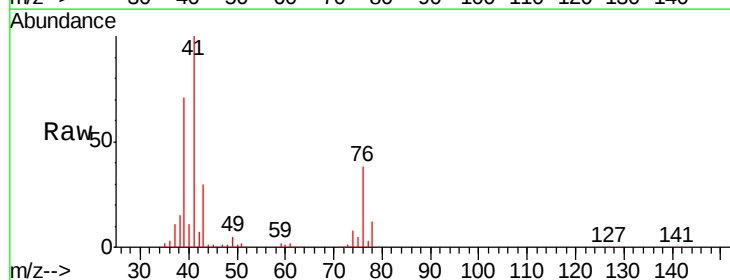
Tgt Ion: 41 Resp: 278160

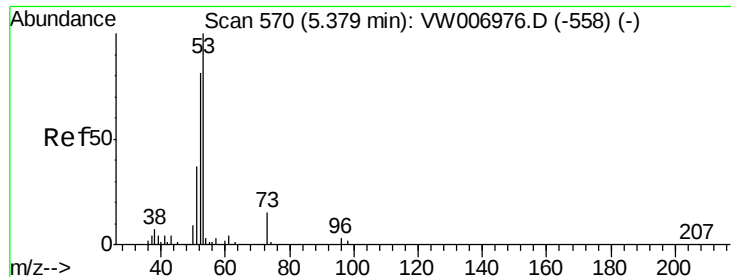
Ion Ratio Lower Upper

41 100

39 69.7 55.4 83.2

76 37.1 29.6 44.4





#15

Acrylonitrile

Concen: 774.30 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW006979.D

Acq: 20 Nov 2018 16:21

Instrument :

MSVOA_W

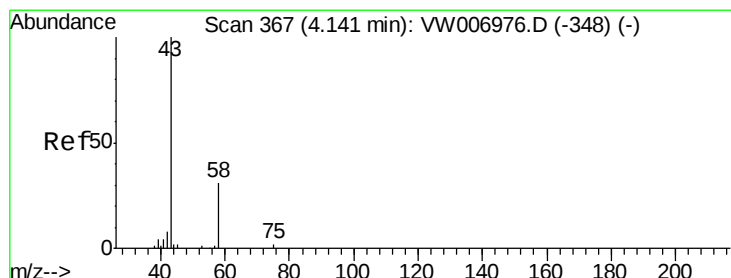
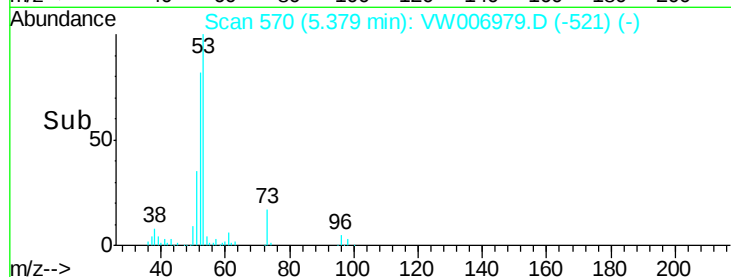
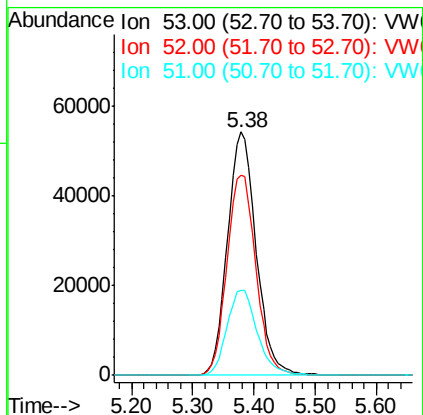
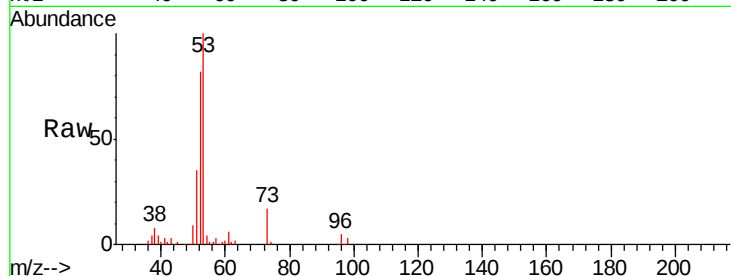
ClientSampleId :

VSTDIC150

Tgt Ion:	53	Resp:	175006
Ion	Ratio	Lower	Upper
53	100		
52	82.7	65.7	98.5
51	37.1	29.9	44.9

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#16

Acetone

Concen: 743.37 ug/l

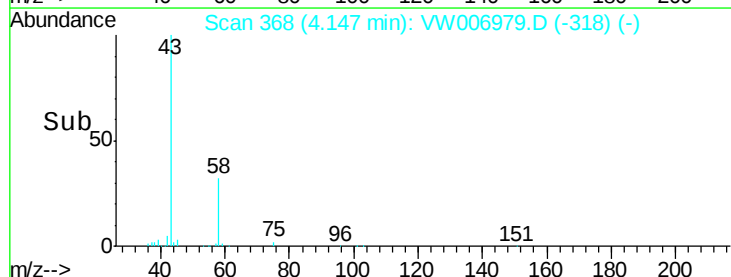
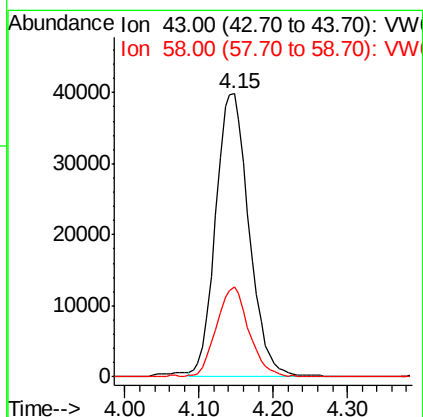
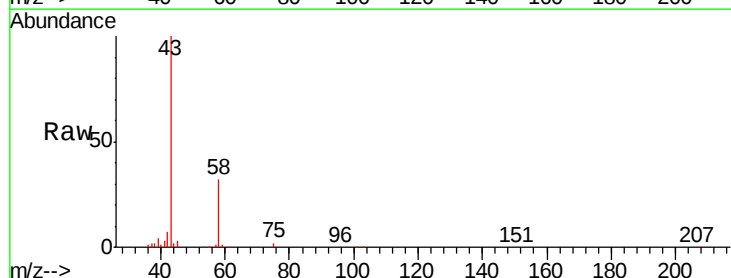
RT: 4.15 min Scan# 368

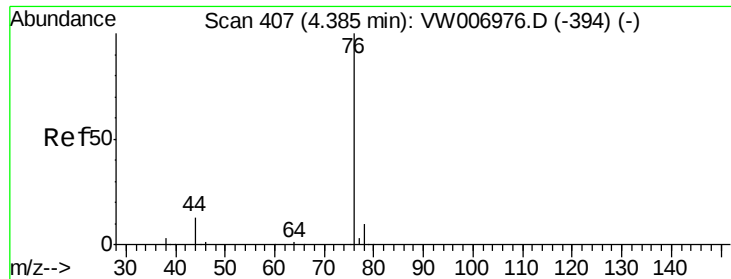
Delta R.T. 0.01 min

Lab File: VW006979.D

Acq: 20 Nov 2018 16:21

Tgt Ion:	43	Resp:	123878
Ion	Ratio	Lower	Upper
43	100		
58	31.9	24.8	37.2





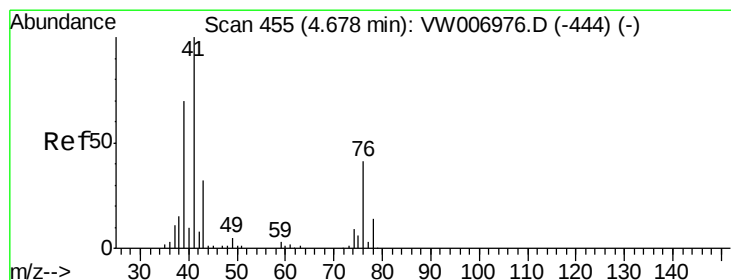
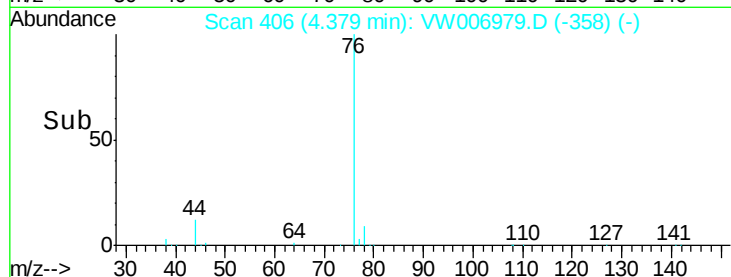
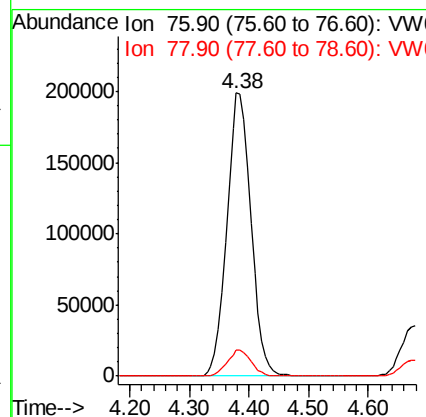
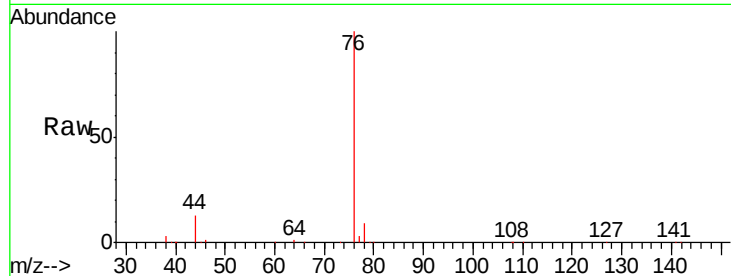
#17
Carbon Disulfide
Concen: 162.93 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW006979.D
Acq: 20 Nov 2018 16:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.8	11.6

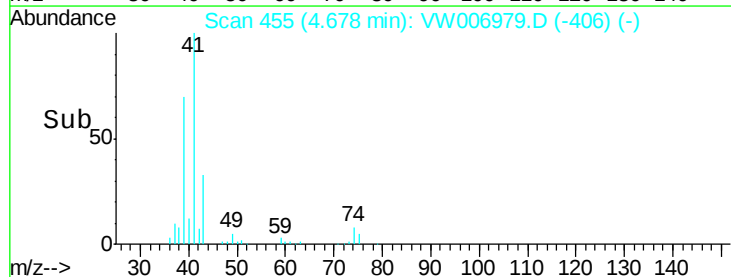
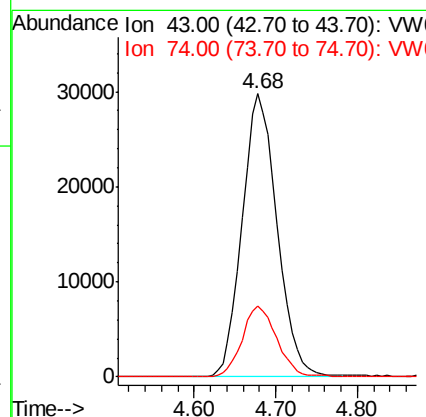
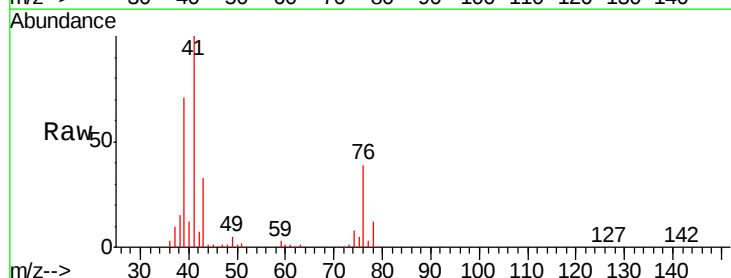
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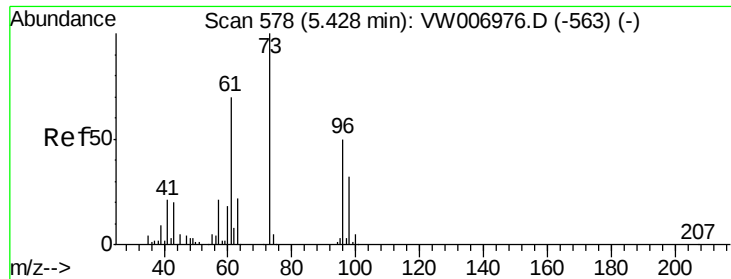
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#18
Methyl Acetate
Concen: 149.24 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW006979.D
Acq: 20 Nov 2018 16:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.7	20.1	30.1





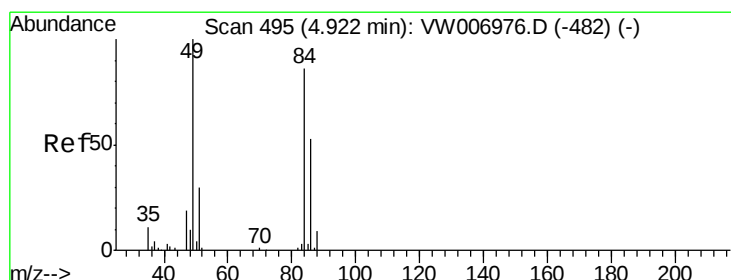
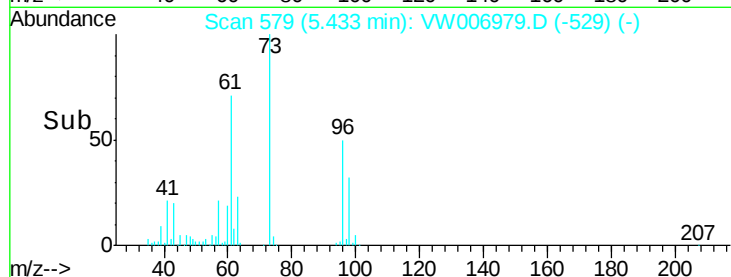
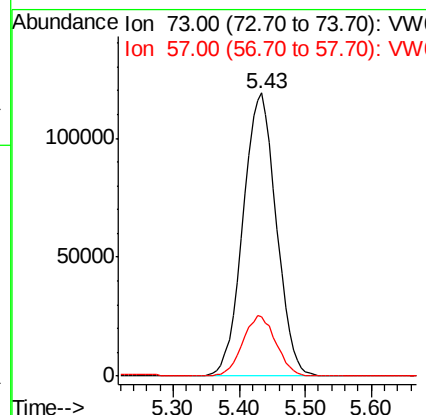
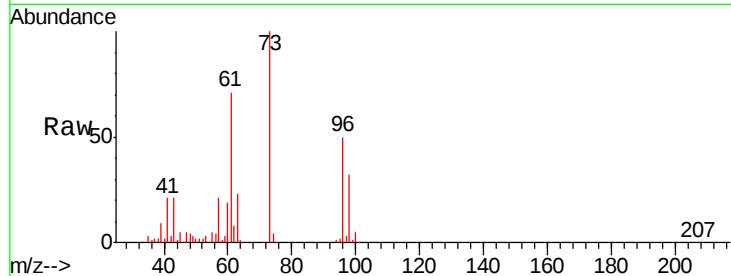
#19
Methyl tert-butyl Ether
Concen: 149.70 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW006979.D
Acq: 20 Nov 2018 16:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 73 Resp: 414796
Ion Ratio Lower Upper
73 100
57 21.0 16.7 25.1

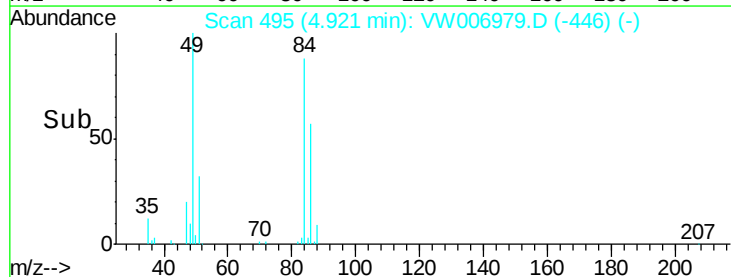
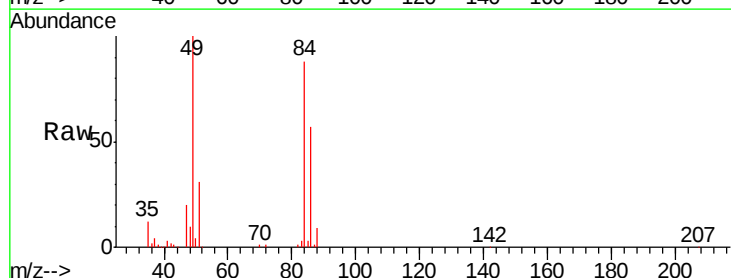
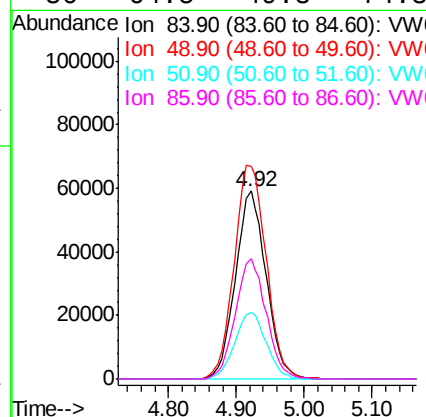
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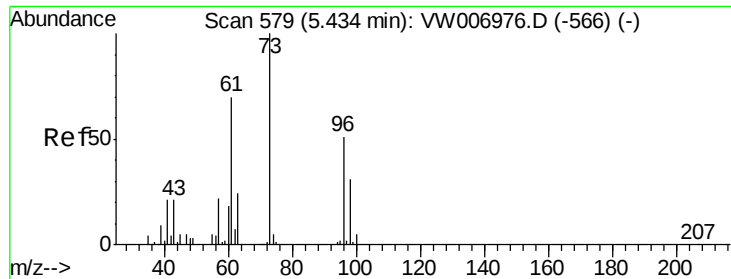
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#20
Methylene Chloride
Concen: 112.30 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW006979.D
Acq: 20 Nov 2018 16:21

Tgt Ion: 84 Resp: 184944
Ion Ratio Lower Upper
84 100
49 113.2 93.4 140.0
51 35.7 28.4 42.6
86 64.5 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 151.71 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW006979.D

Acq: 20 Nov 2018 16:21

Instrument :

MSVOA_W

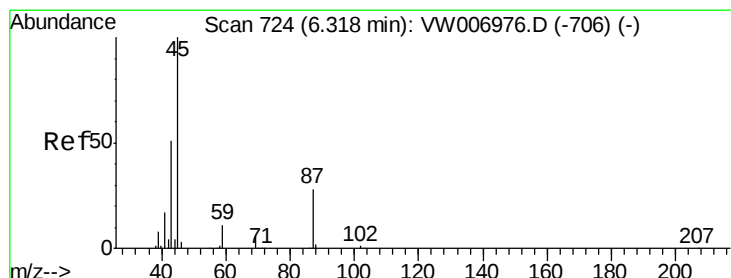
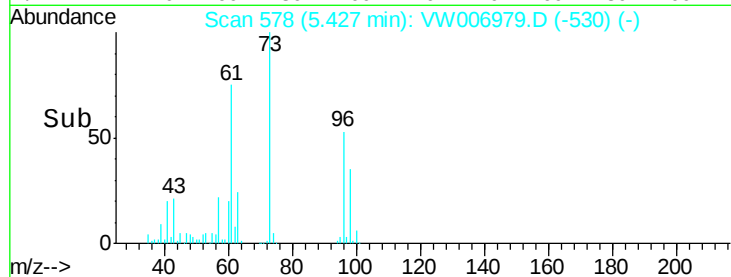
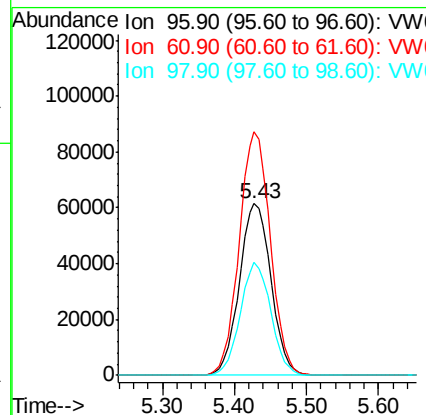
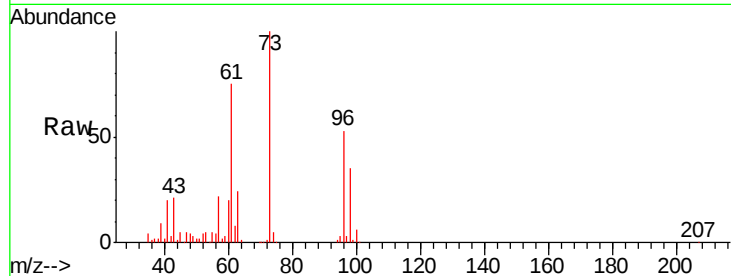
ClientSampleId :

VSTDIC150

Tgt Ion:	96	Resp:	187539
Ion	Ratio	Lower	Upper
96	100		
61	142.1	109.4	164.0
98	65.9	48.3	72.5

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#22

Diisopropyl ether

Concen: 153.11 ug/l

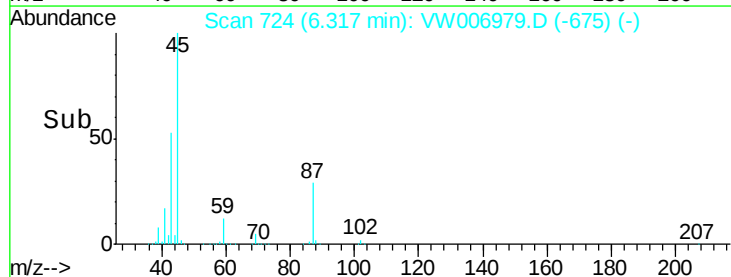
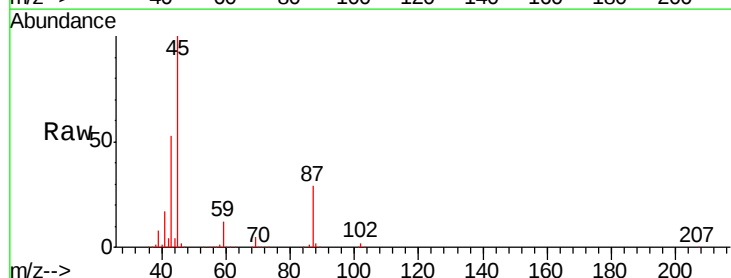
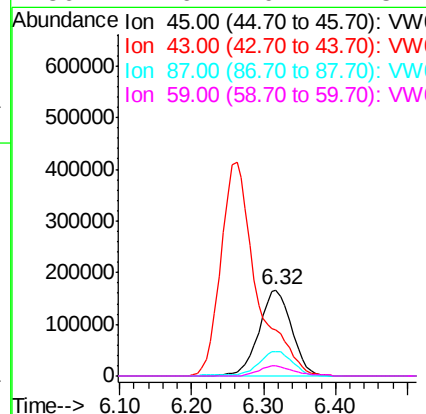
RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW006979.D

Acq: 20 Nov 2018 16:21

Tgt Ion:	45	Resp:	524507
Ion	Ratio	Lower	Upper
45	100		
43	52.5	42.5	63.7
87	28.6	22.8	34.2
59	11.6	9.1	13.7





#23

Vinyl Acetate

Concen: 779.17 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW006979.D

Acq: 20 Nov 2018 16:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 1417476

Ion Ratio Lower Upper

43 100

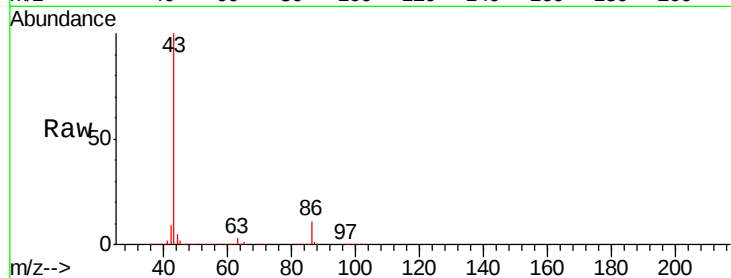
86 10.7 8.7 13.1

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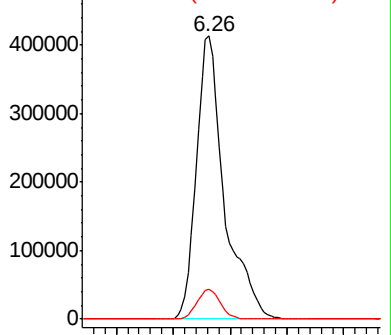
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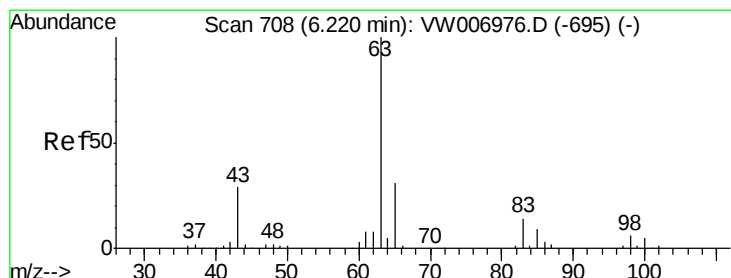
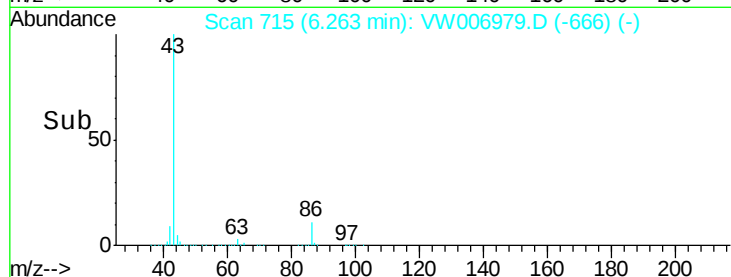


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 156.05 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW006979.D

Acq: 20 Nov 2018 16:21

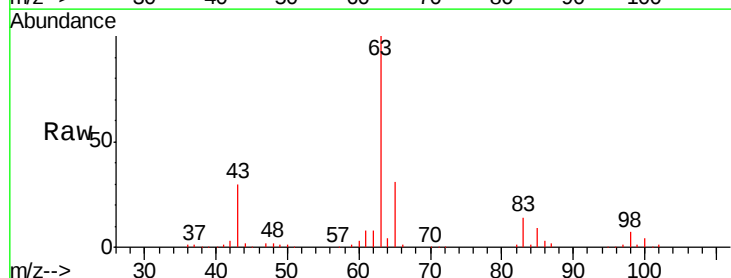
Tgt Ion: 63 Resp: 325221

Ion Ratio Lower Upper

63 100

98 6.5 3.1 9.4

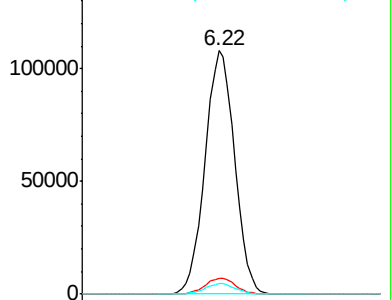
100 4.5 2.3 6.9



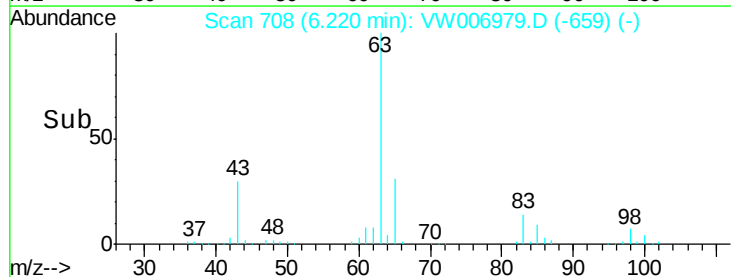
Abundance Ion 62.90 (62.60 to 63.60): VW

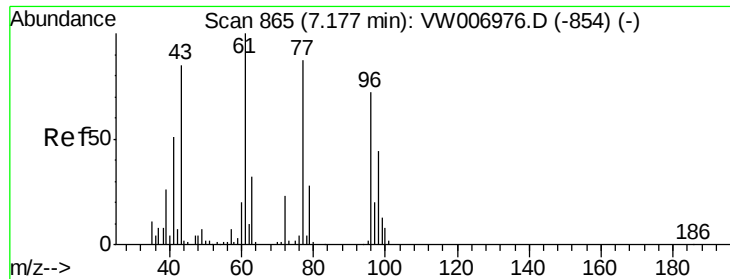
Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->





#25

2-Butanone

Concen: 726.66 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW006979.D

Acq: 20 Nov 2018 16:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 207399

Ion Ratio Lower Upper

43 100

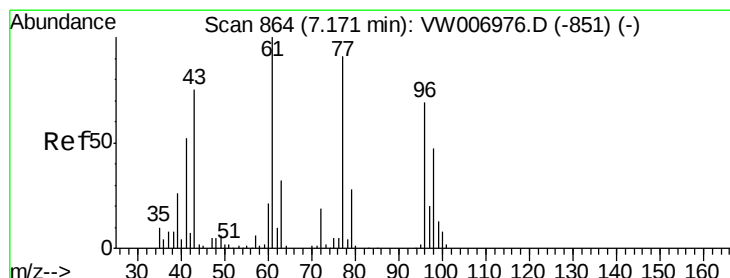
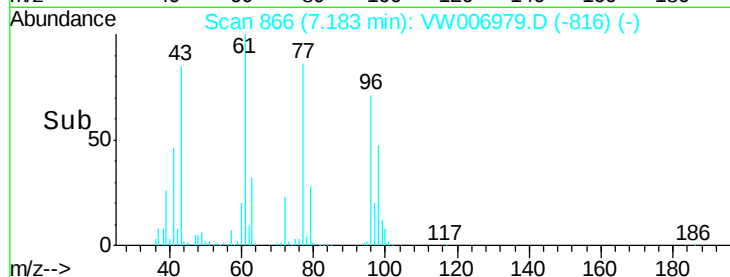
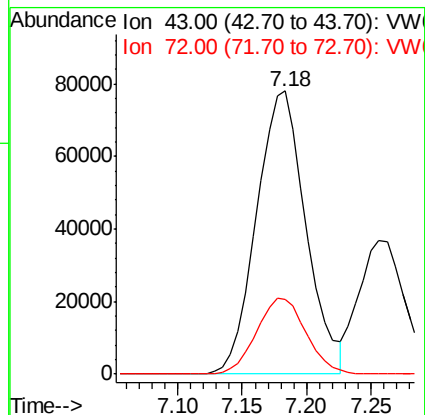
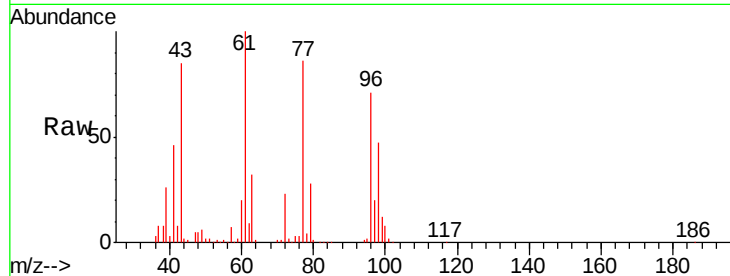
72 26.5 21.3 31.9

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#26

2,2-Dichloropropane

Concen: 145.16 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW006979.D

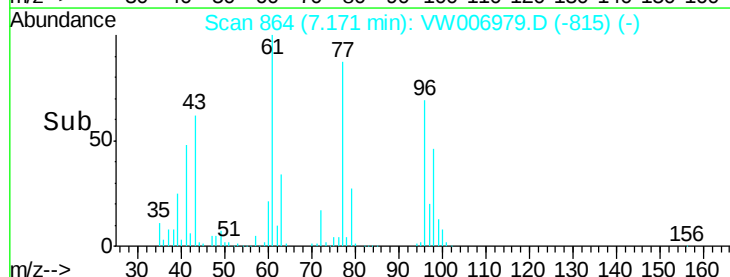
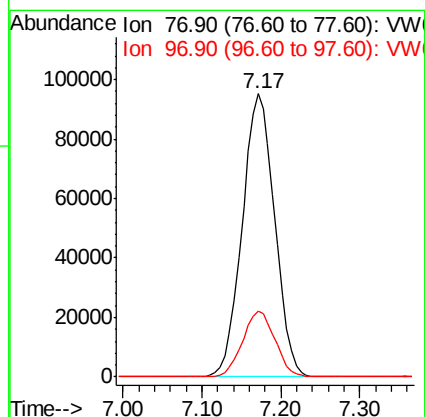
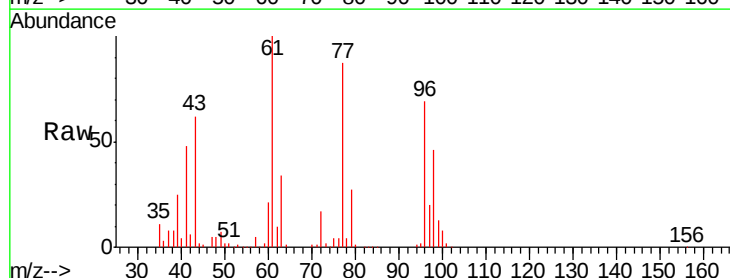
Acq: 20 Nov 2018 16:21

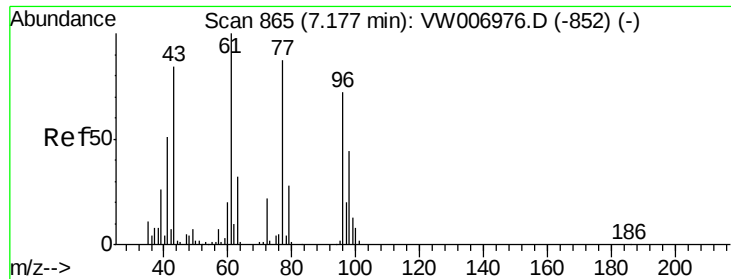
Tgt Ion: 77 Resp: 272043

Ion Ratio Lower Upper

77 100

97 23.2 11.4 34.1





#27

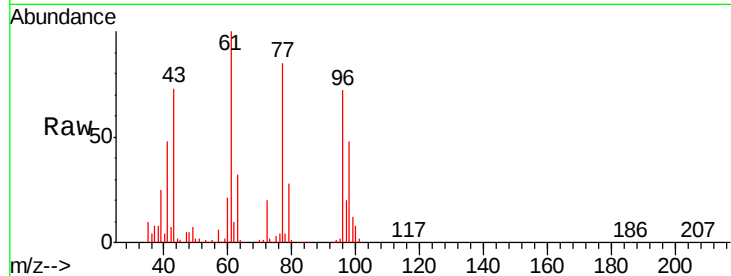
cis-1,2-Dichloroethene
Concen: 156.20 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.00 min
Lab File: VW006979.D
Acq: 20 Nov 2018 16:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

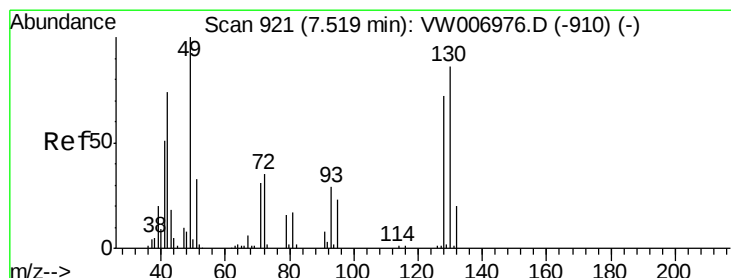
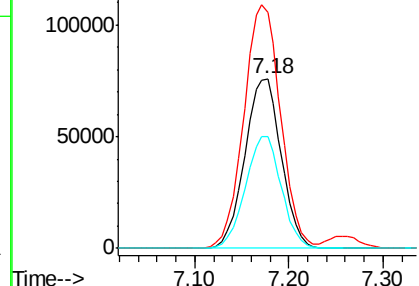
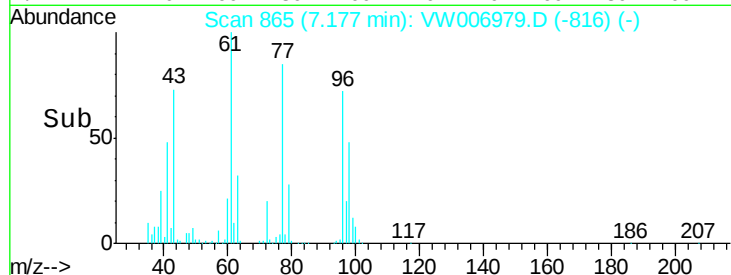
Tgt Ion	Ratio	Resp	Lower	Upper
96	100	205615		
61	145.1	0.0	292.6	
98	65.1	0.0	129.8	

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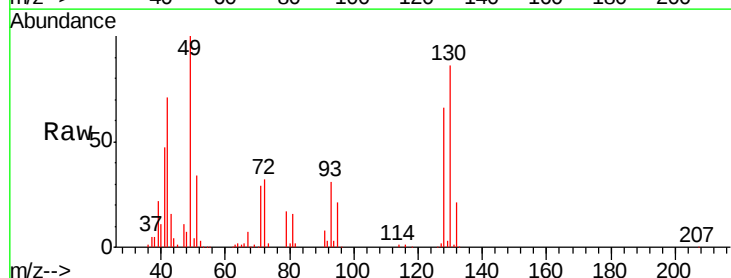
Abundance Ion 95.90 (95.60 to 96.60): VW
150000 Ion 60.90 (60.60 to 61.60): VW
100000 Ion 97.90 (97.60 to 98.60): VW



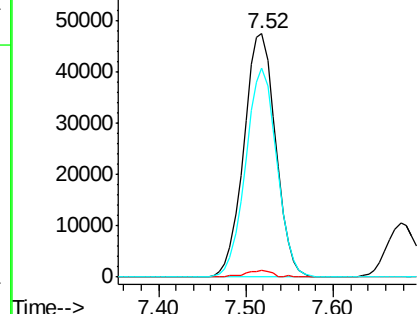
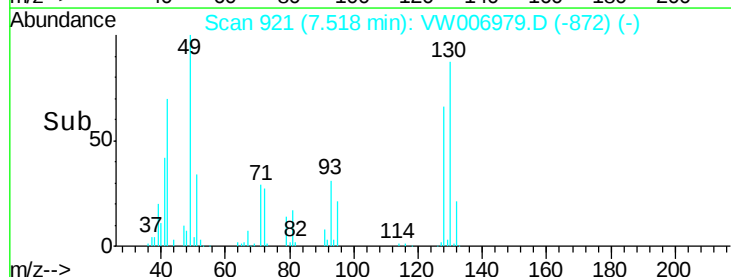
#28

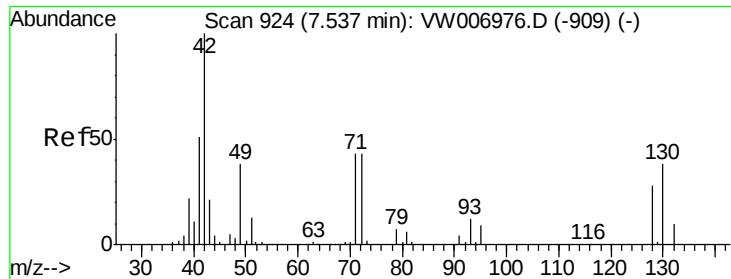
Bromochloromethane
Concen: 153.77 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW006979.D
Acq: 20 Nov 2018 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	119770		
129	2.2	0.0	2.0#	
130	84.0	69.0	103.4	



Abundance Ion 48.90 (48.60 to 49.60): VW
60000 Ion 128.80 (128.50 to 129.50): V
50000 Ion 129.80 (129.50 to 130.50): V





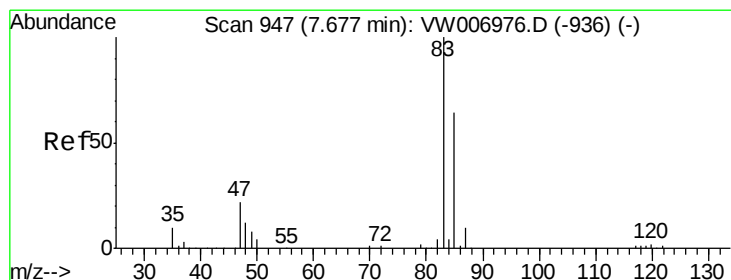
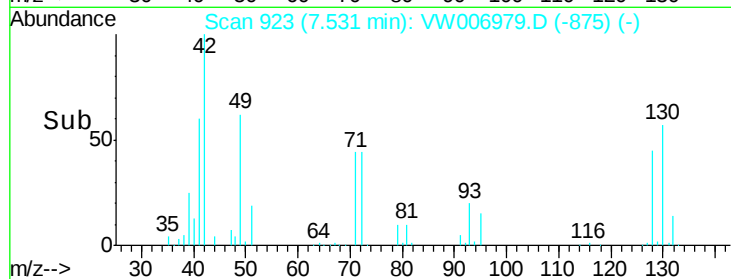
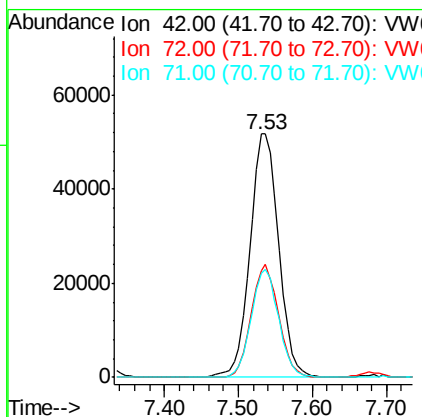
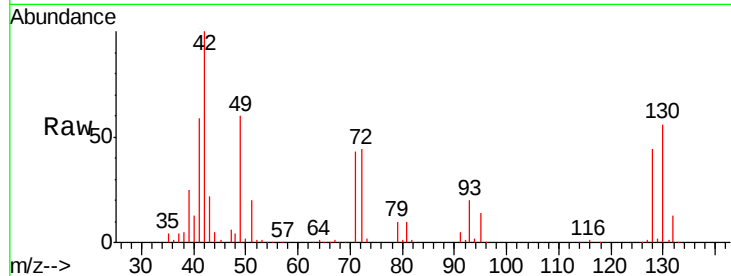
#29
Tetrahydrofuran
Concen: 757.33 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW006979.D
Acq: 20 Nov 2018 16:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
42	100		
72	44.0	36.2	54.4
71	42.5	33.8	50.8

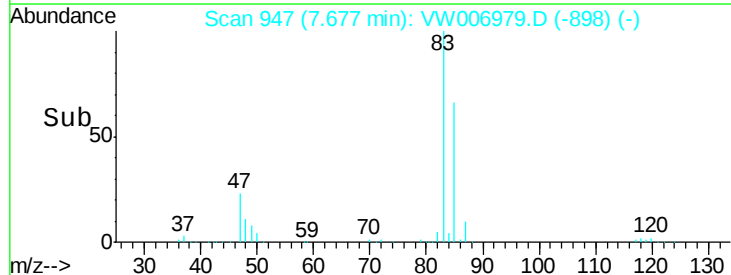
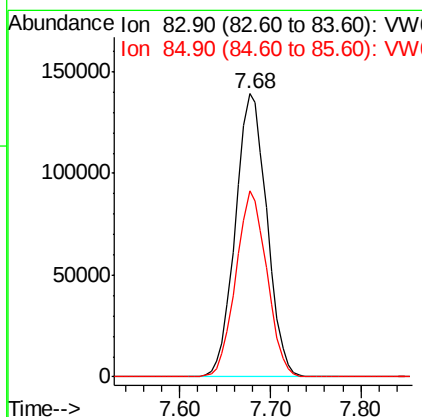
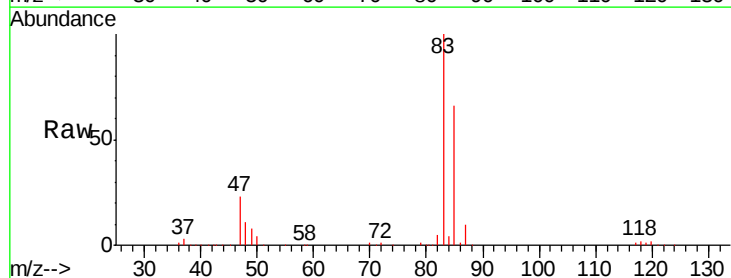
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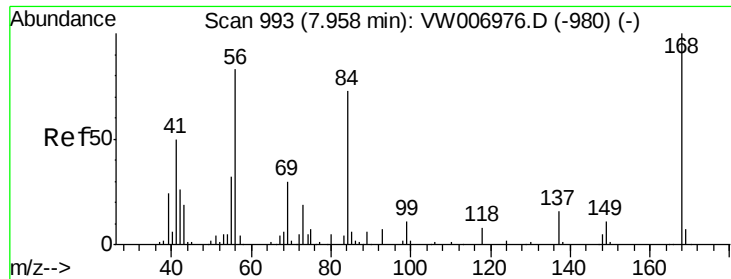
MMDadoda
11/21/2018 11:32:36 AM



#30
Chloroform
Concen: 151.13 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW006979.D
Acq: 20 Nov 2018 16:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	50.9	76.3





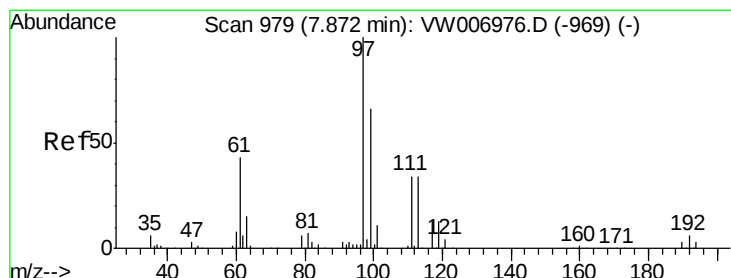
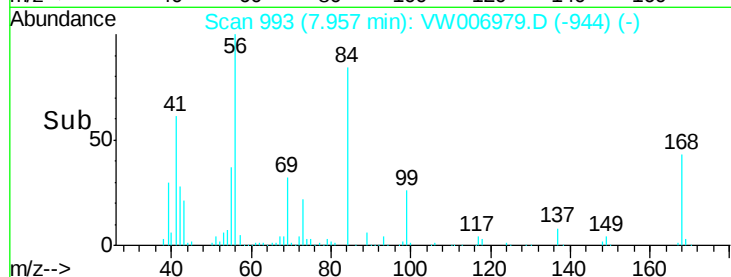
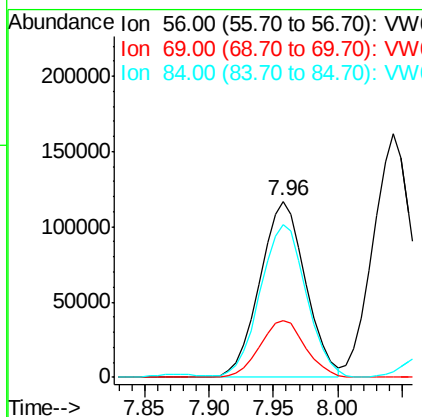
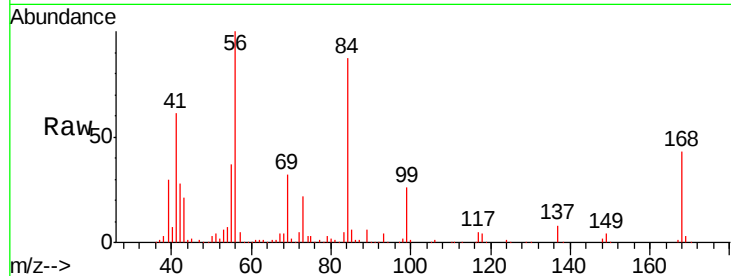
#31
Cyclohexane
Concen: 130.04 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW006979.D
Acq: 20 Nov 2018 16:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
56	100		
69	32.0	29.1	43.7
84	85.3	70.6	105.8

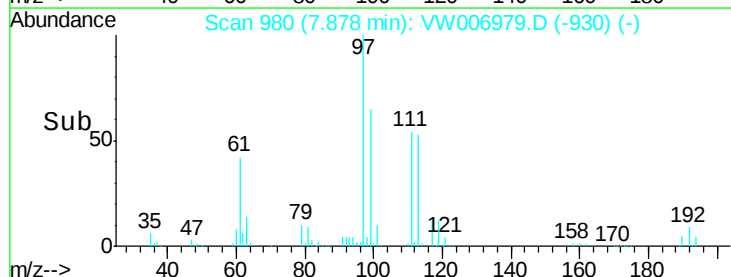
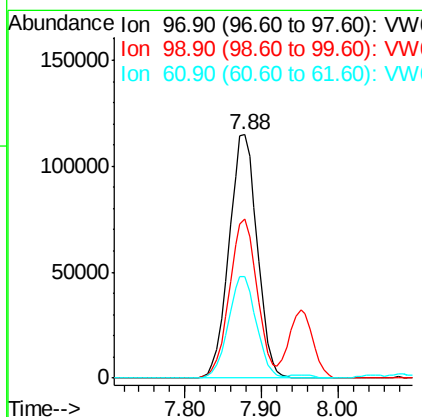
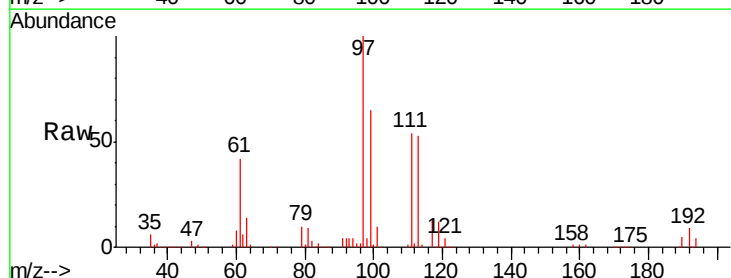
Manual Integrations
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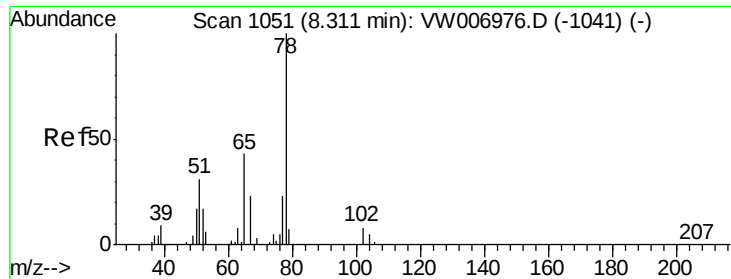
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#32
1,1,1-Trichloroethane
Concen: 145.97 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.01 min
Lab File: VW006979.D
Acq: 20 Nov 2018 16:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.9	77.9
61	41.4	33.4	50.2





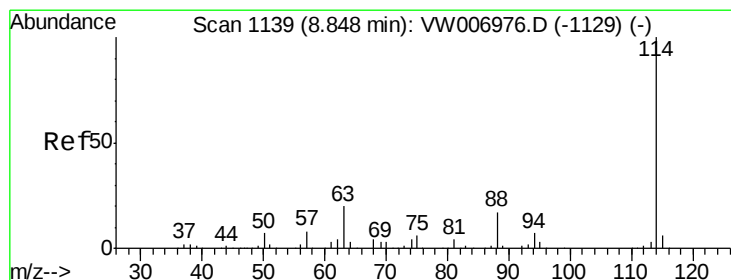
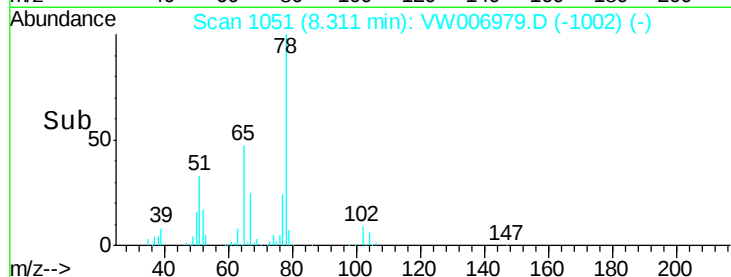
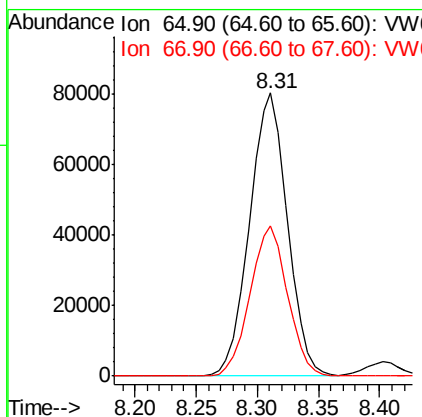
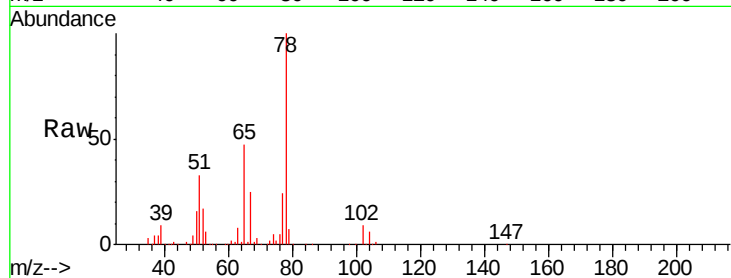
#33
 1,2-Dichloroethane-d4
 Concen: 150.98 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006979.D
 Acq: 20 Nov 2018 16:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	173293		
67	52.6	0.0	106.2	

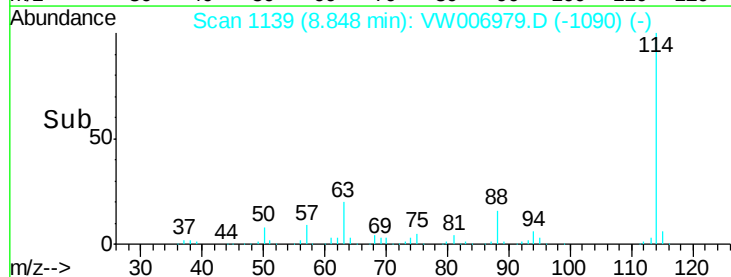
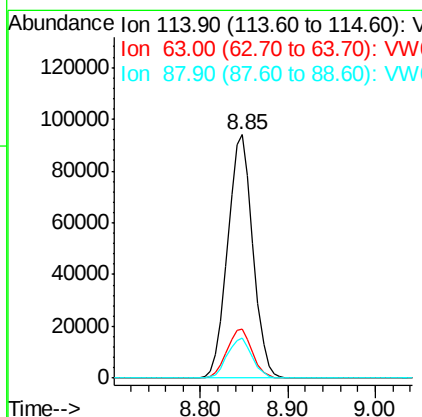
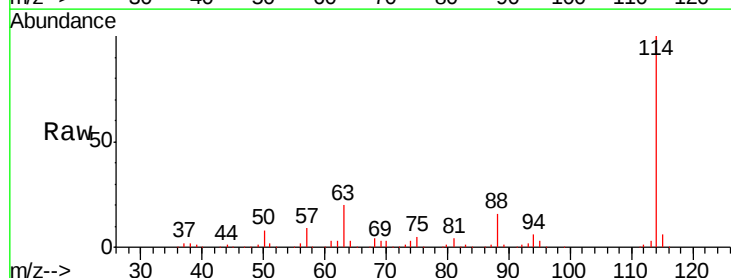
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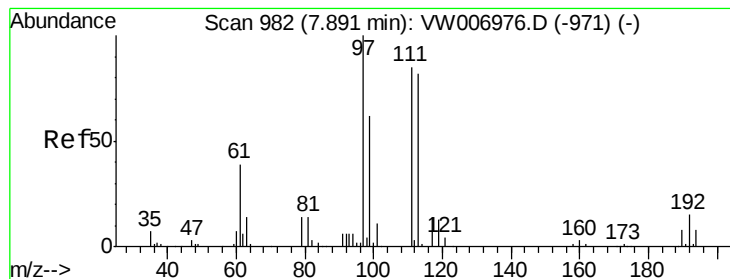
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 11/21/2018 11:32:36 AM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006979.D
 Acq: 20 Nov 2018 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	187580		
63	19.9	0.0	39.4	
88	16.4	0.0	34.2	





#35

Dibromofluoromethane

Concen: 160.12 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006979.D

Acq: 20 Nov 2018 16:21

Instrument :

MSVOA_W

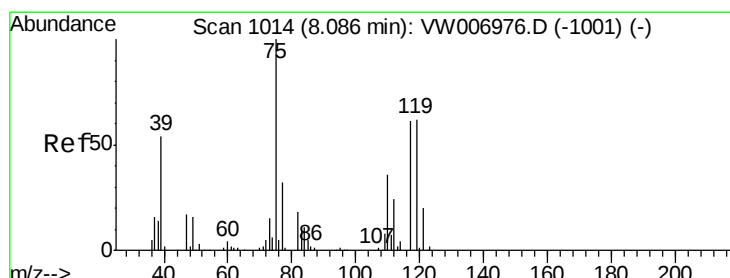
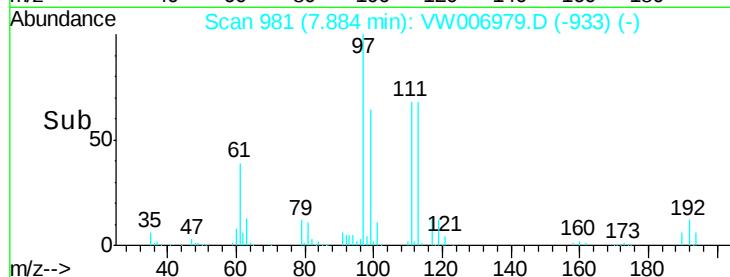
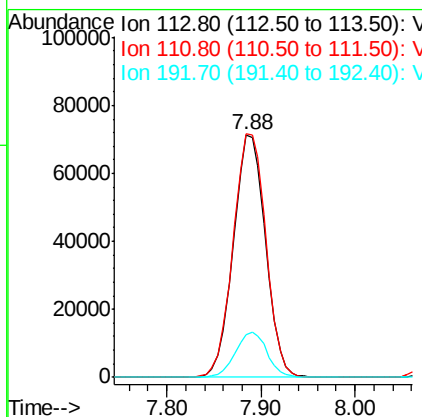
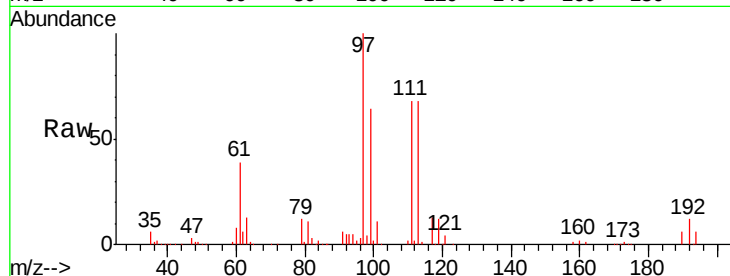
ClientSampleId :

VSTDIC150

Tgt Ion:	113	Resp:	169621
Ion Ratio	Lower	Upper	
113	100		
111	102.6	81.0	121.6
192	18.3	15.0	22.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 139.77 ug/l

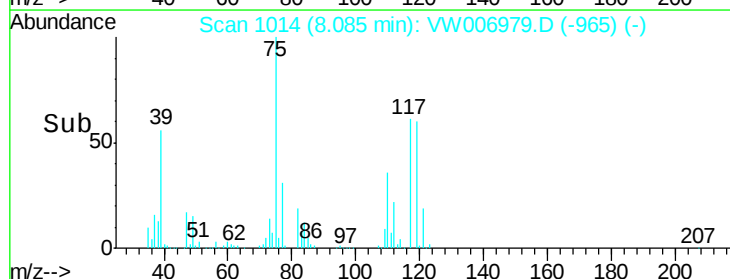
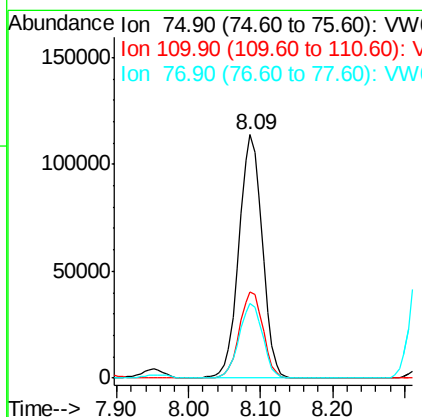
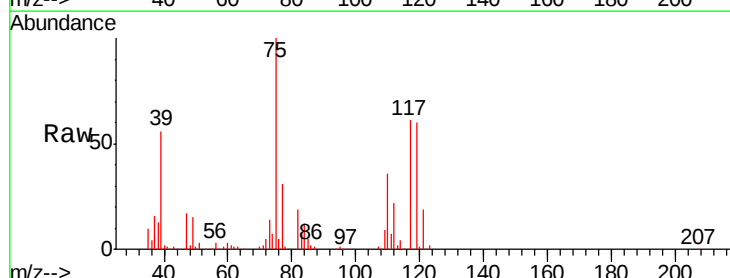
RT: 8.09 min Scan# 1014

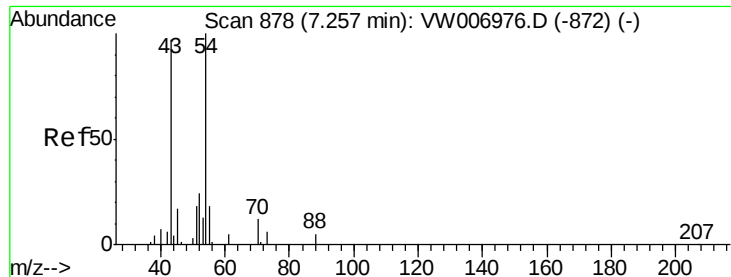
Delta R.T. -0.00 min

Lab File: VW006979.D

Acq: 20 Nov 2018 16:21

Tgt Ion:	75	Resp:	256201
Ion Ratio	Lower	Upper	
75	100		
110	35.8	18.0	54.0
77	31.0	24.9	37.3





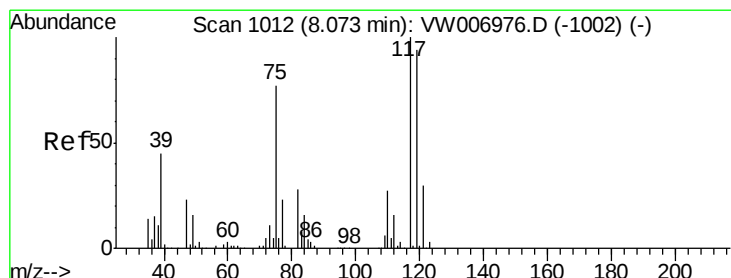
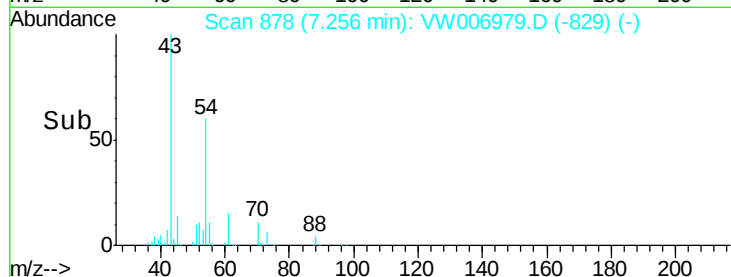
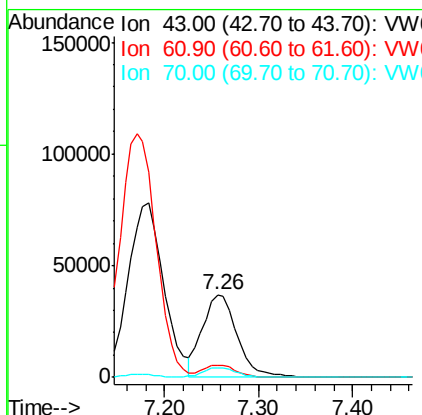
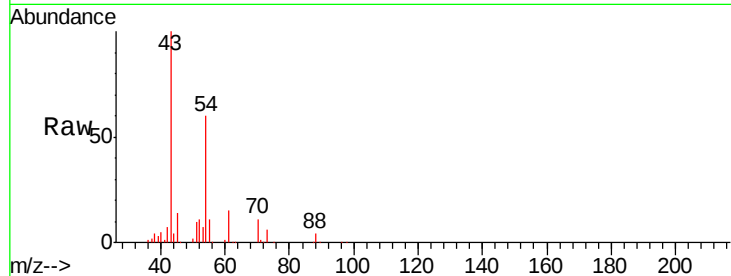
#37
Ethyl Acetate
Concen: 141.25 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW006979.D
Acq: 20 Nov 2018 16:21

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.4	15.6
70	11.7	8.8	13.2

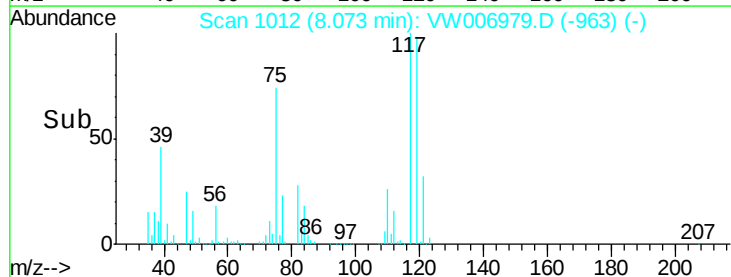
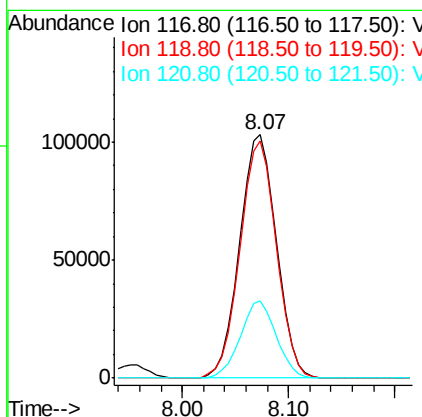
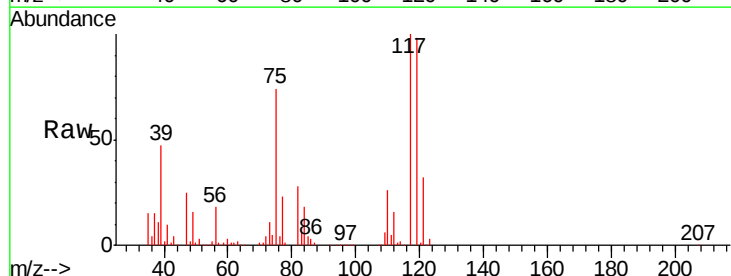
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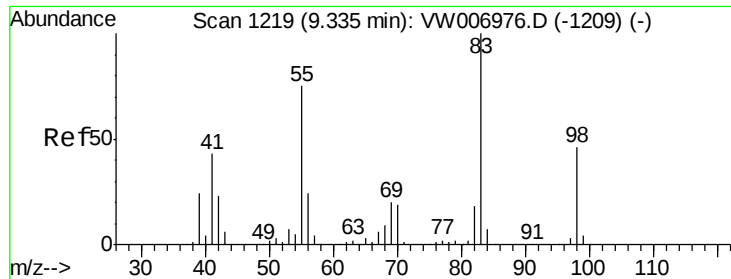
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#38
Carbon Tetrachloride
Concen: 142.79 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW006979.D
Acq: 20 Nov 2018 16:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	74.9	112.3
121	31.9	23.6	35.4





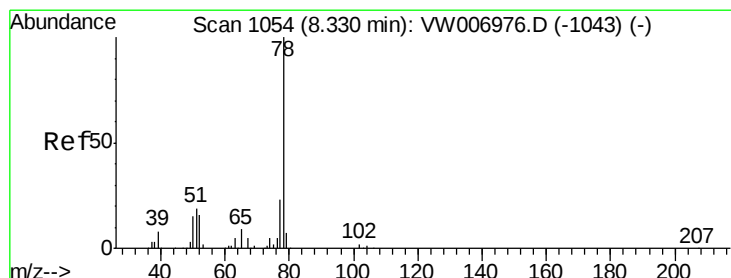
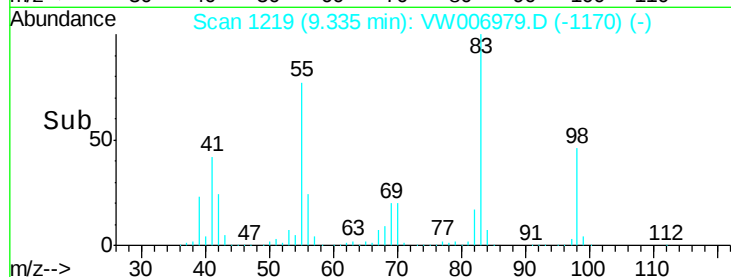
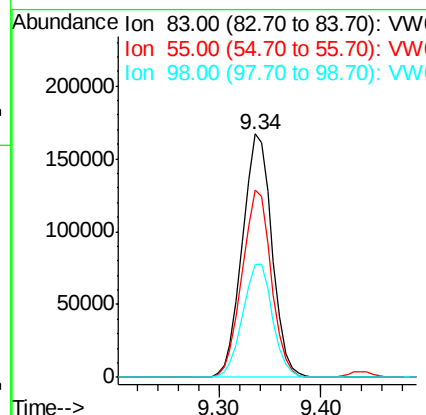
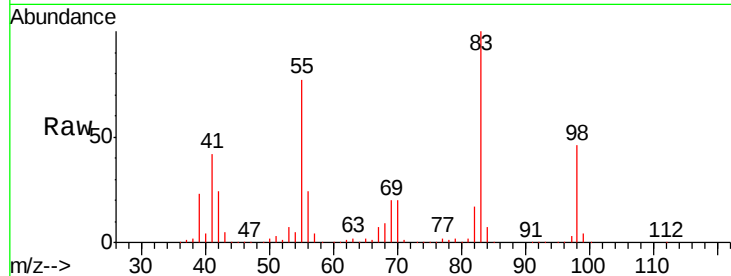
#39
Methylcyclohexane
Concen: 146.54 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW006979.D
Acq: 20 Nov 2018 16:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	336159		
55	76.7	59.6	89.4	
98	46.4	37.1	55.7	

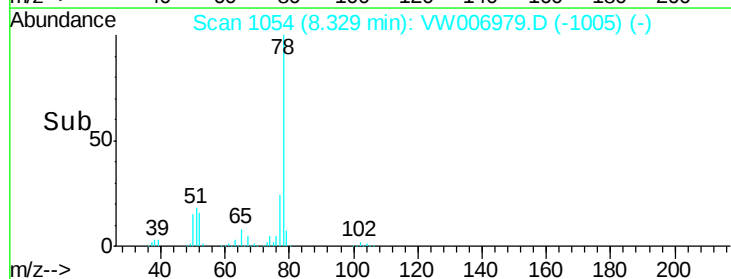
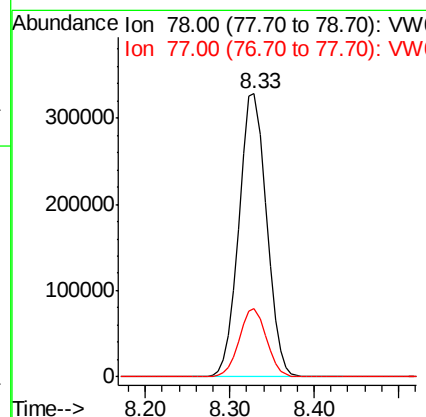
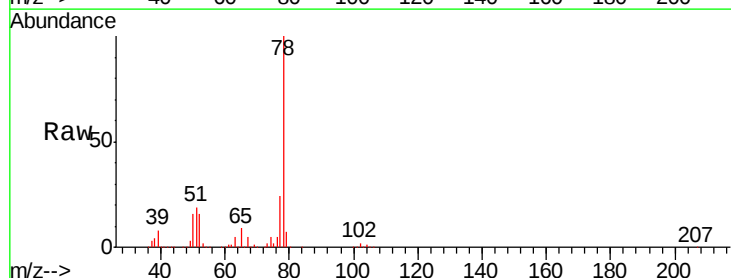
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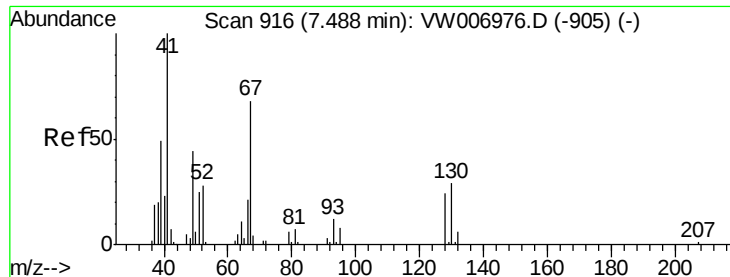
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#40
Benzene
Concen: 146.94 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW006979.D
Acq: 20 Nov 2018 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	727058		
77	24.0	18.6	28.0	





#41

Methacrylonitrile

Concen: 145.88 ug/l

RT: 7.49 min Scan# 916

Delta R.T. -0.00 min

Lab File: VW006979.D

Acq: 20 Nov 2018 16:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 41 Resp: 60176

Ion Ratio Lower Upper

41 100

39 53.5 48.6 73.0

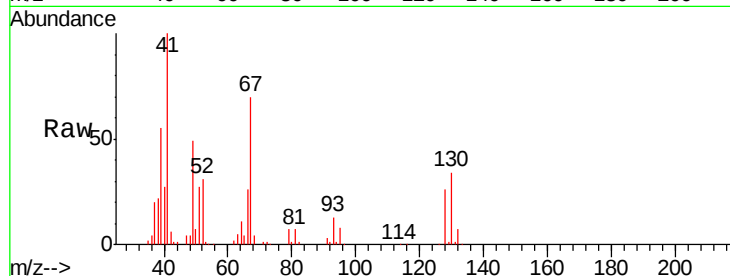
67 73.2 59.8 89.8

52 31.0 24.8 37.2

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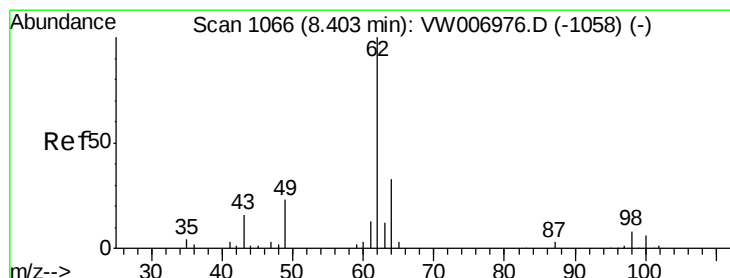
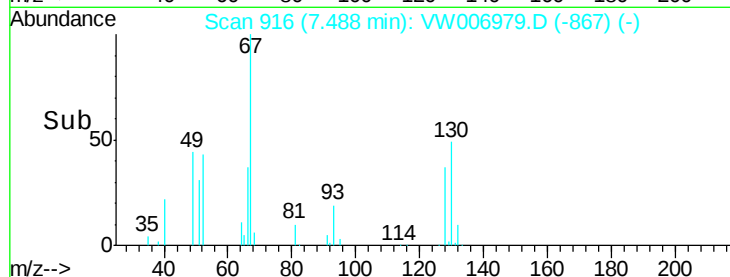
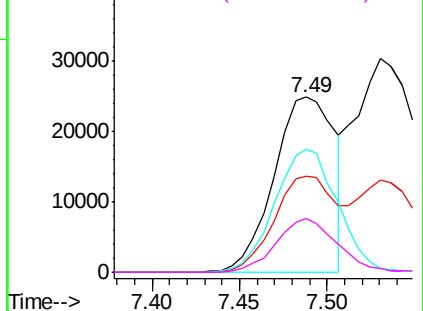


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 146.60 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VW006979.D

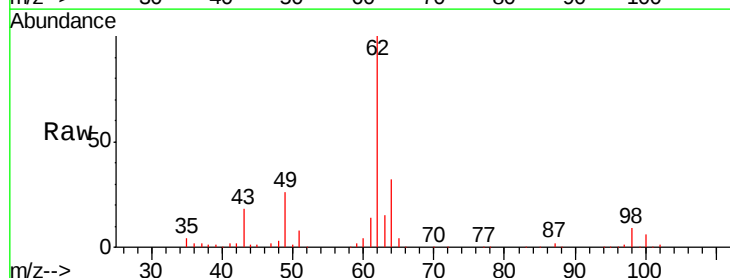
Acq: 20 Nov 2018 16:21

Tgt Ion: 62 Resp: 210596

Ion Ratio Lower Upper

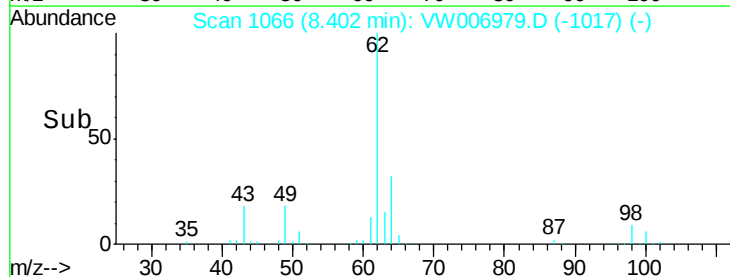
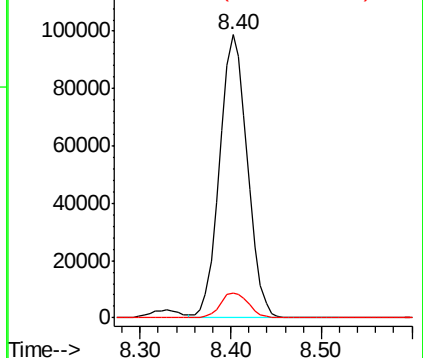
62 100

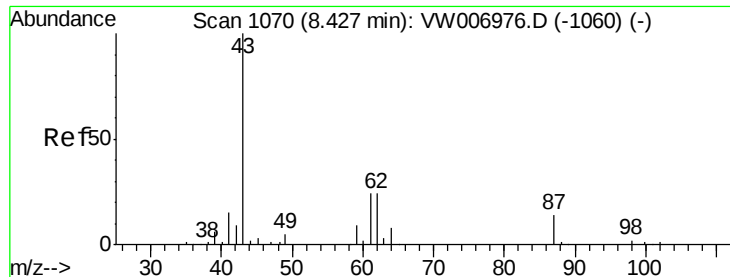
98 9.1 0.0 18.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 157.27 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW006979.D

Acq: 20 Nov 2018 16:21

Instrument :

MSVOA_W

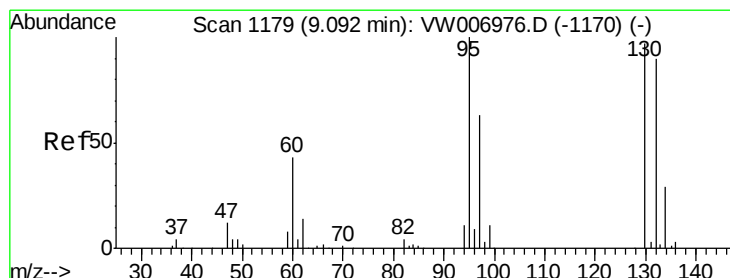
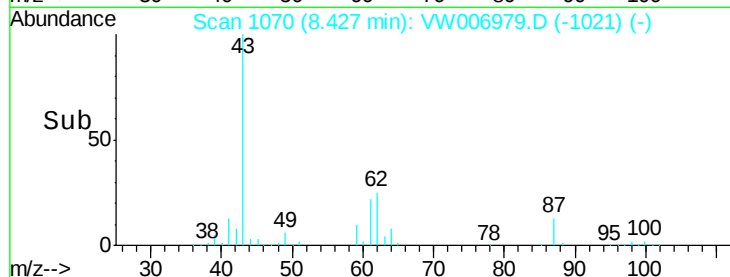
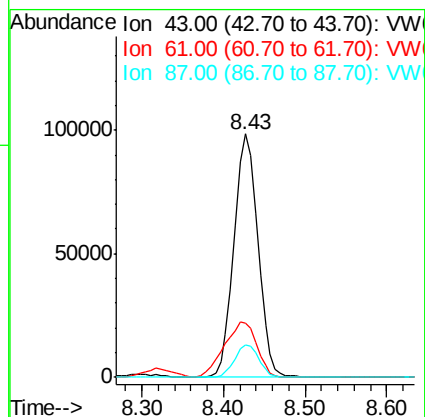
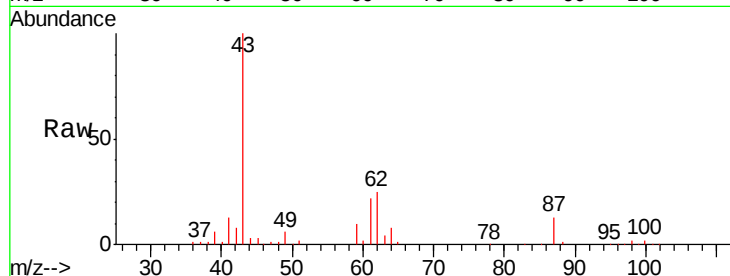
ClientSampleId :

VSTDIC150

Tgt Ion:	43	Resp:	199072
Ion	Ratio	Lower	Upper
43	100		
61	31.2	26.1	39.1
87	13.6	11.2	16.8

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#44

Trichloroethene

Concen: 143.39 ug/l

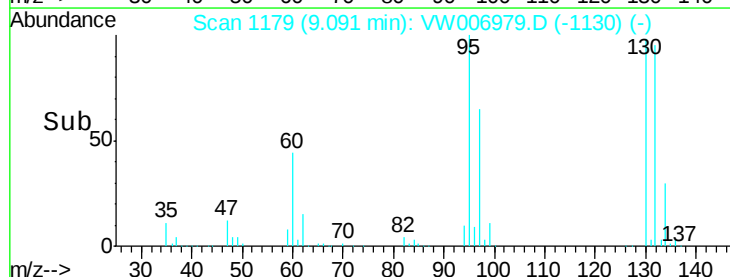
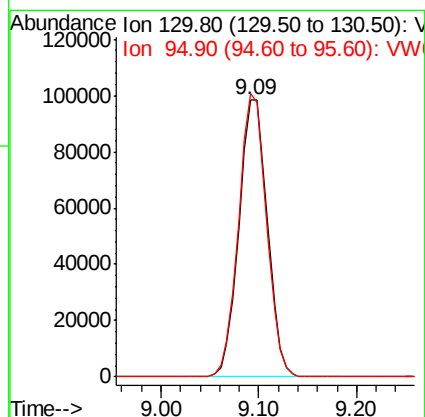
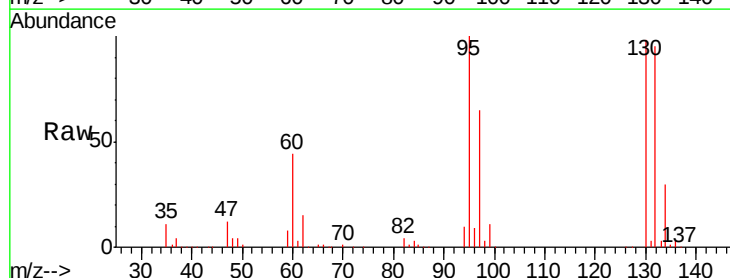
RT: 9.09 min Scan# 1179

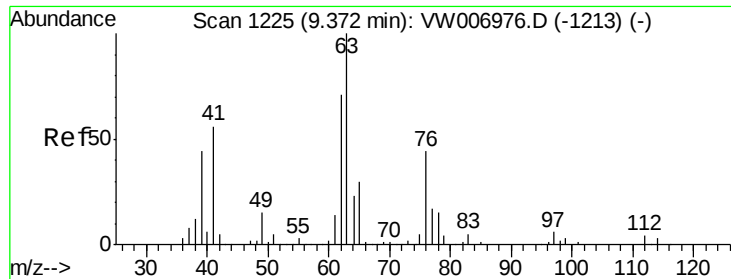
Delta R.T. -0.00 min

Lab File: VW006979.D

Acq: 20 Nov 2018 16:21

Tgt Ion:	130	Resp:	198885
Ion	Ratio	Lower	Upper
130	100		
95	102.0	0.0	206.4





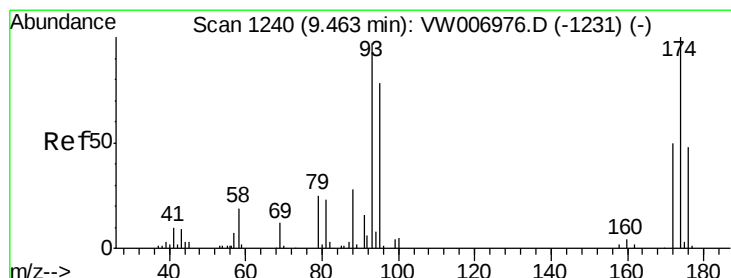
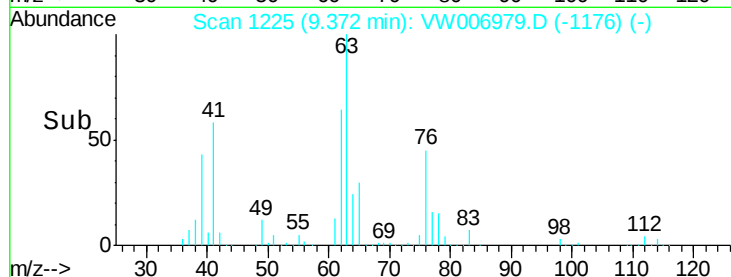
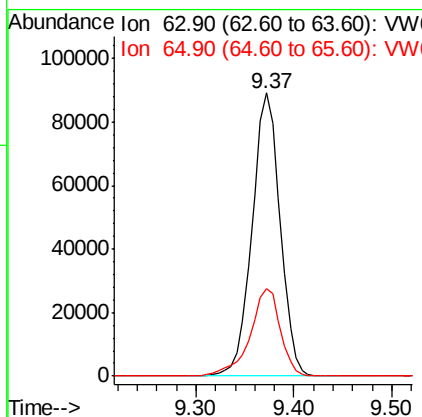
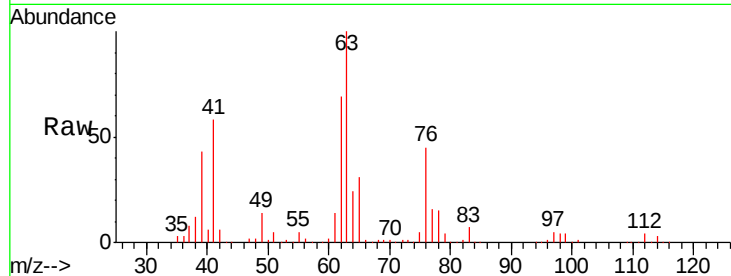
#45
 1,2-Dichloropropane
 Concen: 144.87 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW006979.D
 Acq: 20 Nov 2018 16:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion: 63 Resp: 176702
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.4 36.6

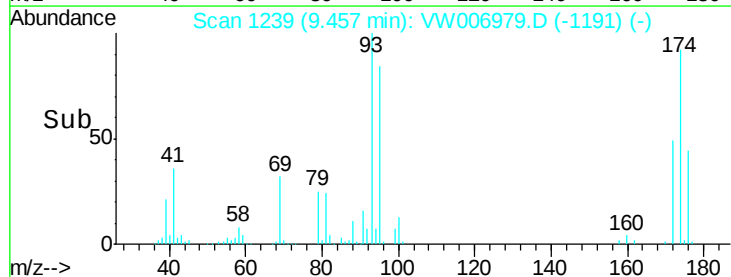
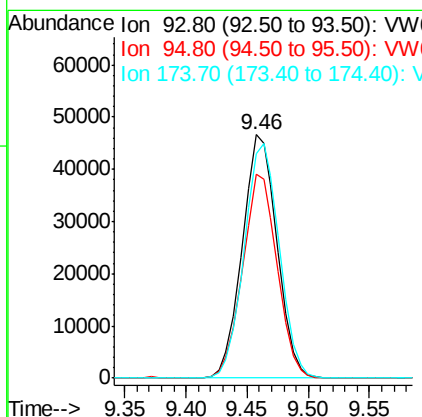
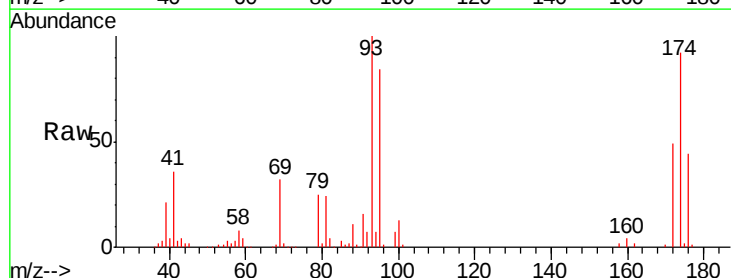
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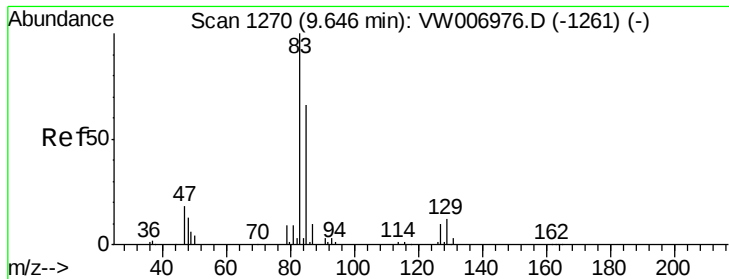
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#46
 Dibromomethane
 Concen: 150.42 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW006979.D
 Acq: 20 Nov 2018 16:21

Tgt Ion: 93 Resp: 91882
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.1 99.1
 174 97.5 79.7 119.5





#47

Bromodichloromethane

Concen: 146.36 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006979.D

Acq: 20 Nov 2018 16:21

Instrument :

MSVOA_W

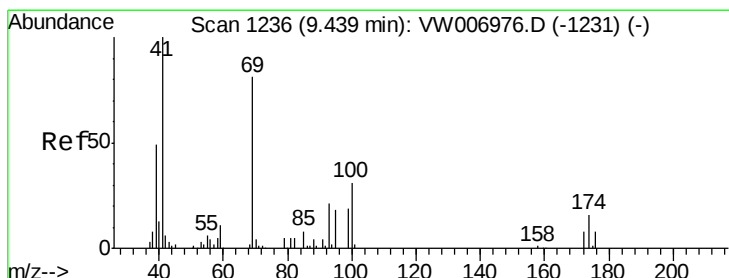
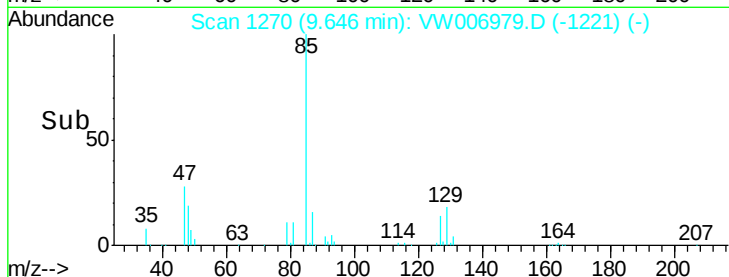
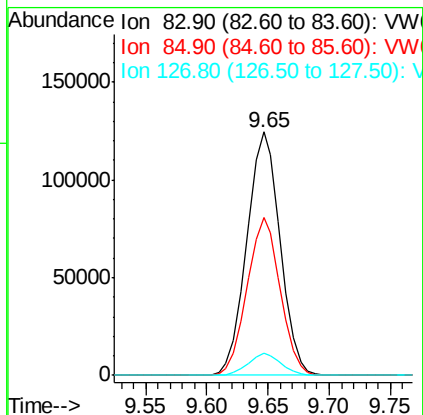
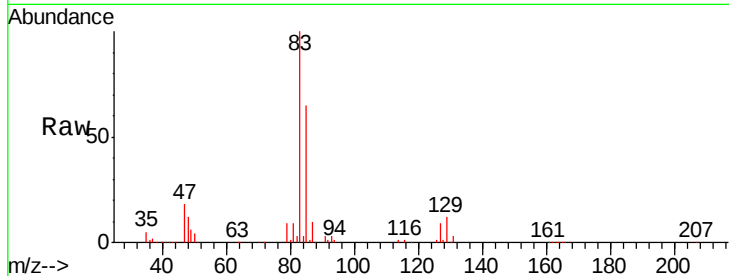
ClientSampleId :

VSTDIC150

Tgt Ion:	83	Resp:	235544
Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.9	79.3
127	8.9	7.8	11.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 156.56 ug/l

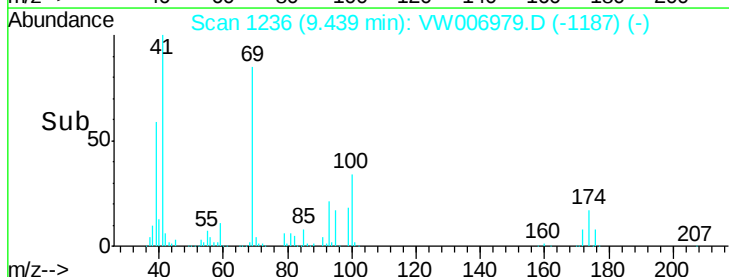
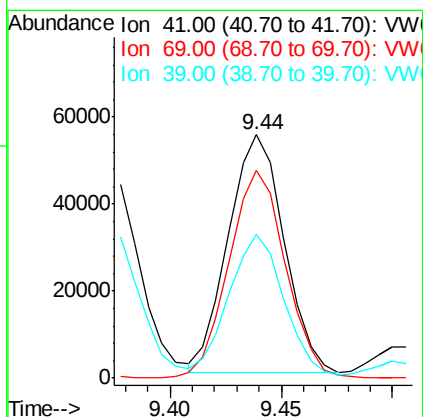
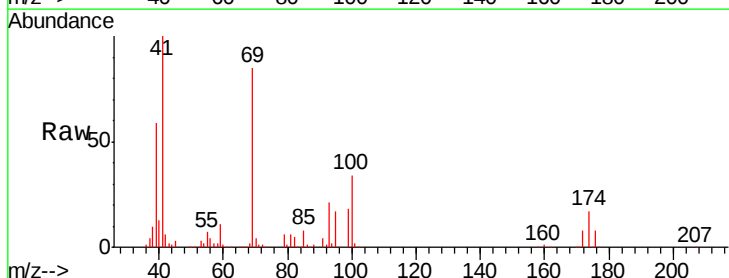
RT: 9.44 min Scan# 1236

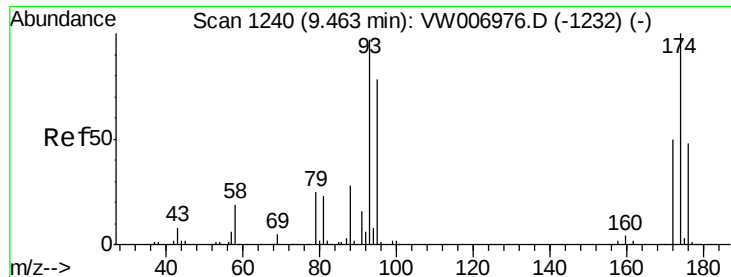
Delta R.T. -0.00 min

Lab File: VW006979.D

Acq: 20 Nov 2018 16:21

Tgt Ion:	41	Resp:	95560
Ion	Ratio	Lower	Upper
41	100		
69	89.1	71.4	107.0
39	57.4	44.8	67.2





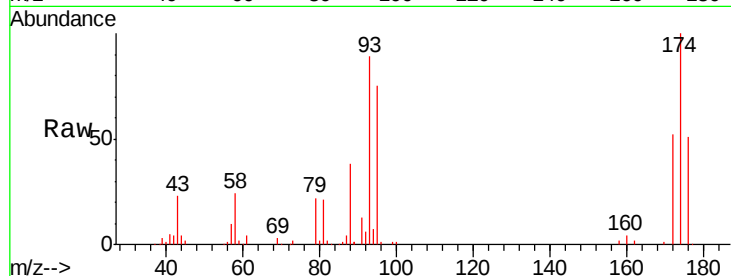
#49
1,4-Dioxane
Concen: 2855.05 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VW006979.D
Acq: 20 Nov 2018 16:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	25920		
43	0.0	0.0	0.0	0.0
58	71.6	59.0	88.6	

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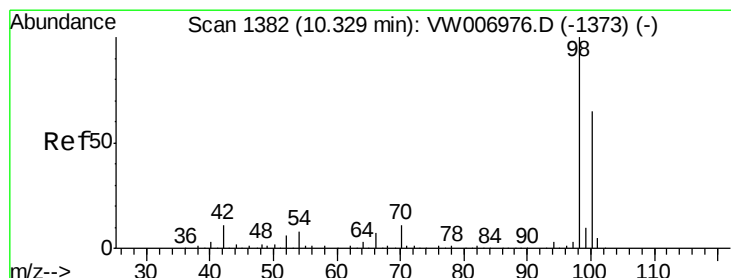
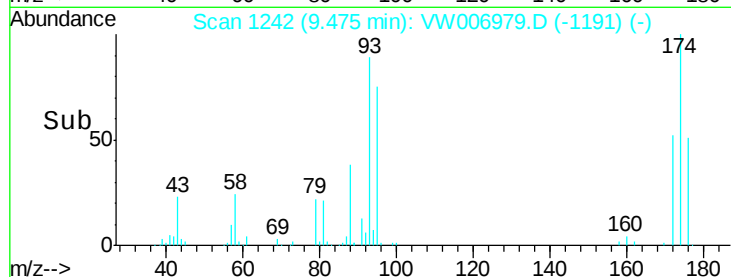
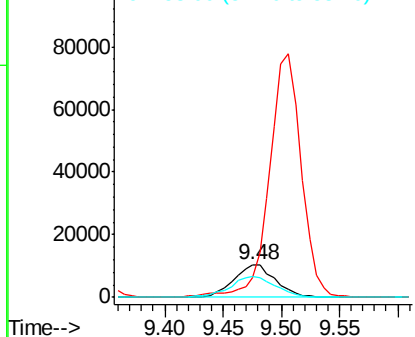


Abundance

Ion 88.00 (87.70 to 88.70): VW

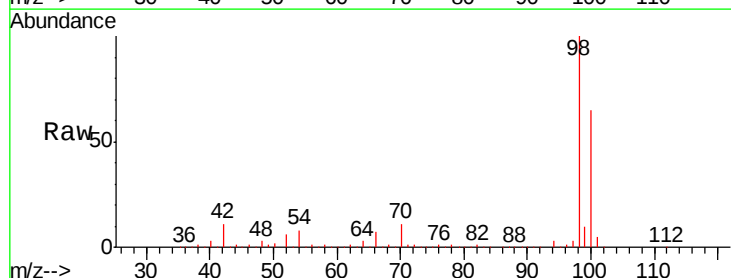
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
Toluene-d8
Concen: 148.49 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006979.D
Acq: 20 Nov 2018 16:21

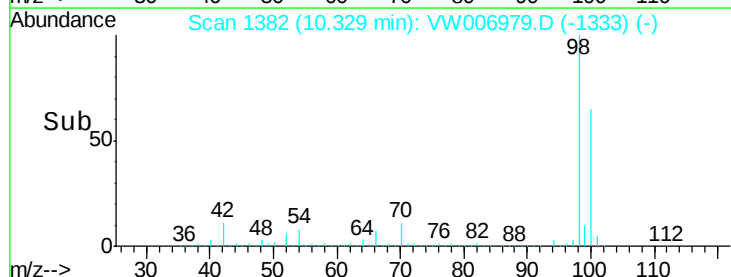
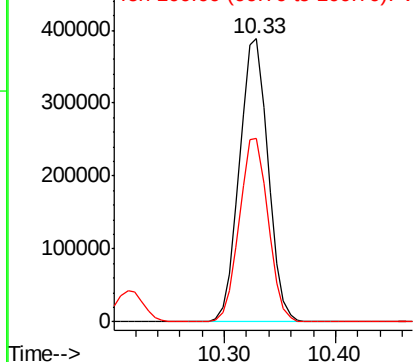
Tgt Ion	Ratio	Resp	Lower	Upper
98	100	694599		
100	65.2	52.2	78.2	

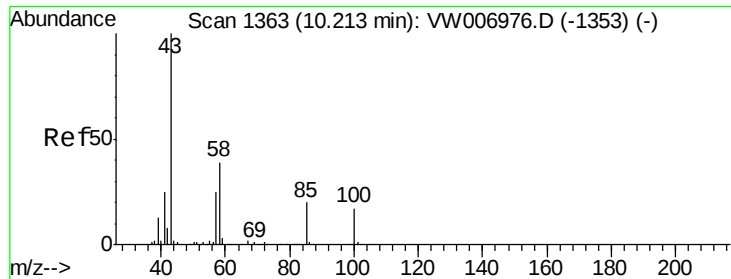


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





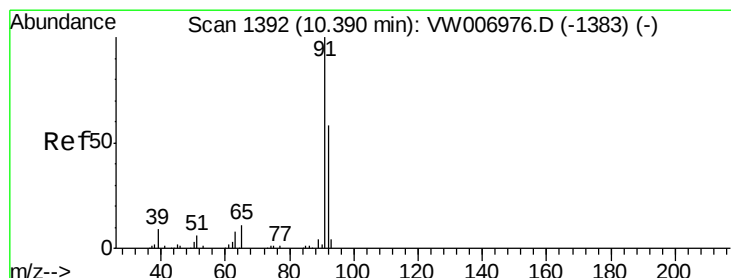
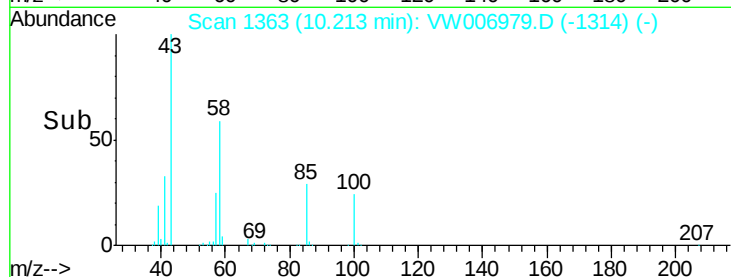
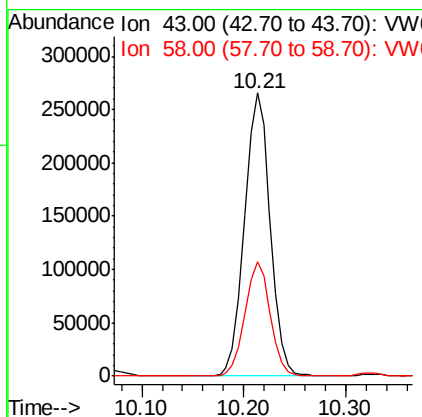
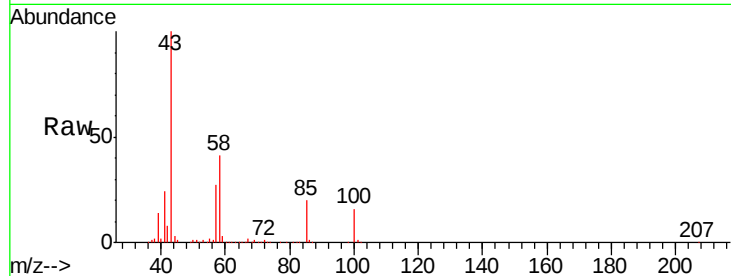
#51
 4-Methyl-2-Pentanone
 Concen: 725.57 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW006979.D
 Acq: 20 Nov 2018 16:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion: 43 Resp: 464144
 Ion Ratio Lower Upper
 43 100
 58 39.8 31.8 47.6

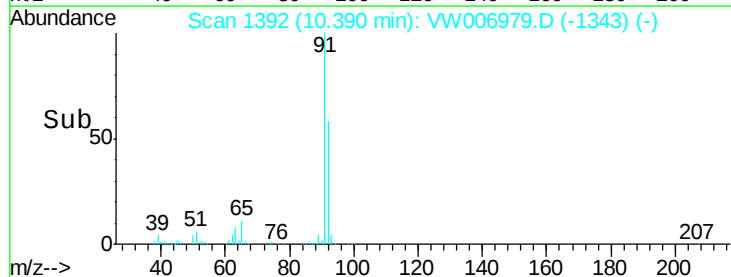
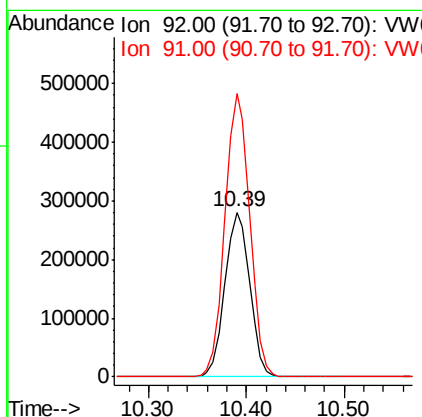
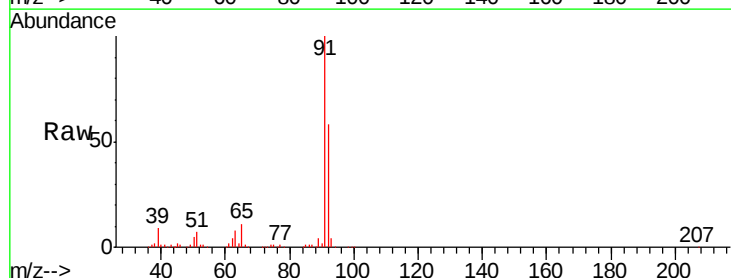
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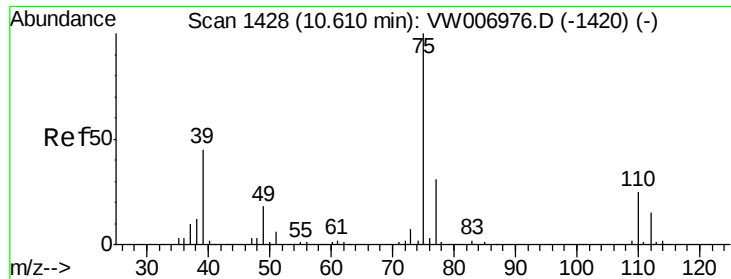
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#52
 Toluene
 Concen: 146.94 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW006979.D
 Acq: 20 Nov 2018 16:21

Tgt Ion: 92 Resp: 494784
 Ion Ratio Lower Upper
 92 100
 91 171.5 137.3 205.9





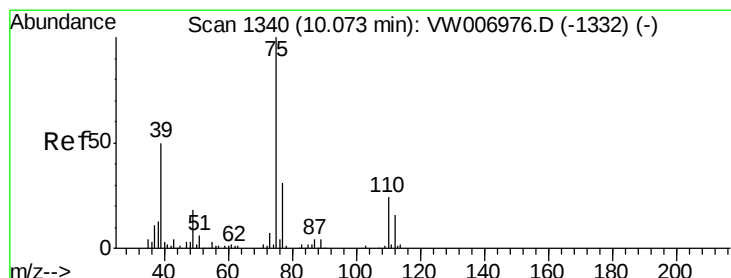
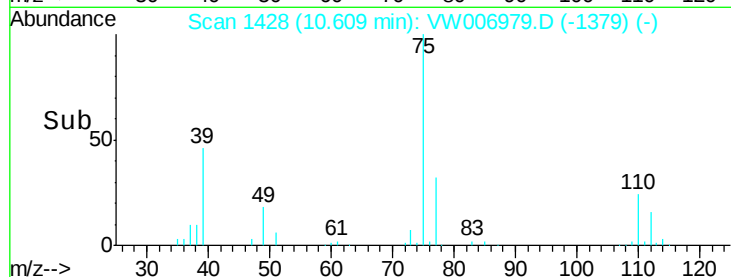
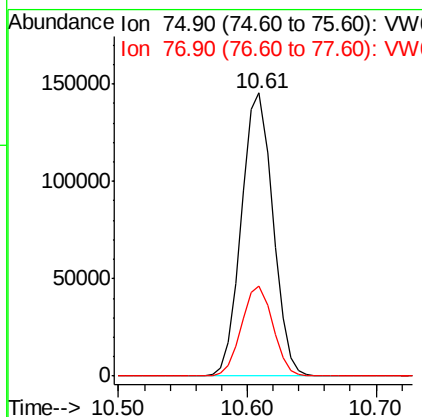
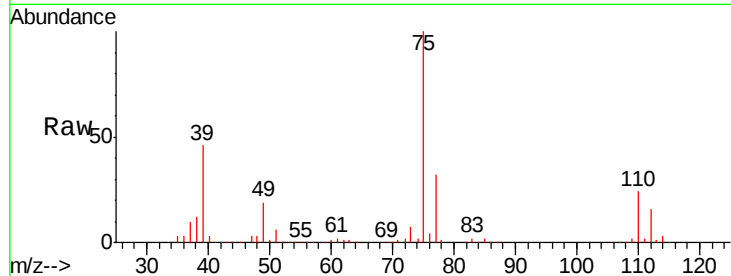
#53
 t-1,3-Dichloropropene
 Concen: 157.98 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW006979.D
 Acq: 20 Nov 2018 16:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion: 75 Resp: 246284
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.7 37.1

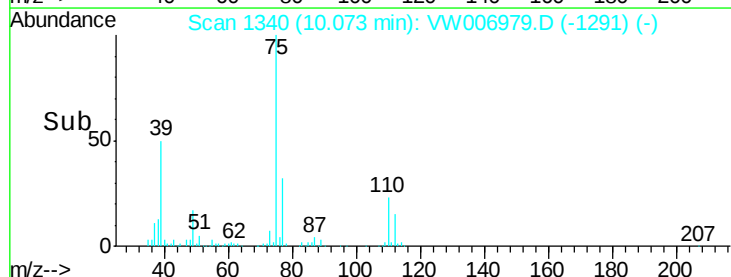
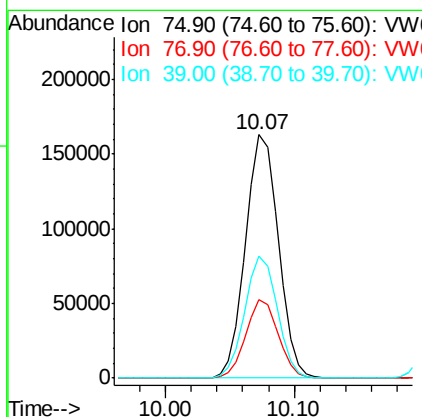
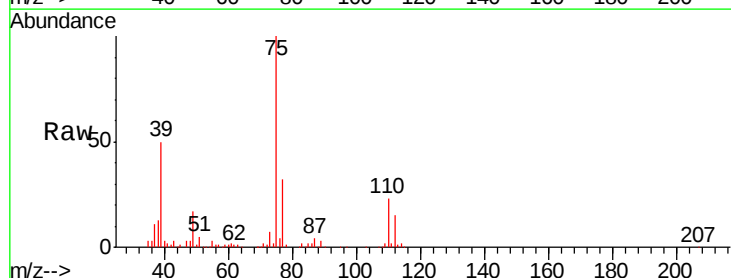
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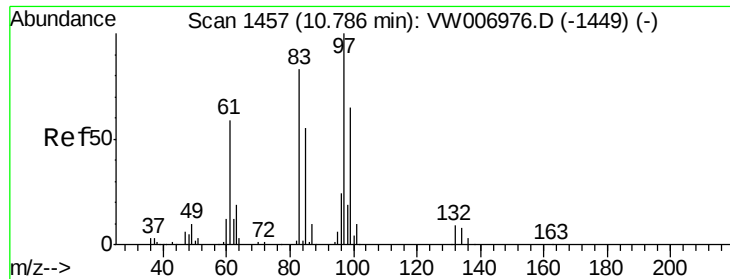
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#54
 cis-1,3-Dichloropropene
 Concen: 153.09 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW006979.D
 Acq: 20 Nov 2018 16:21

Tgt Ion: 75 Resp: 288346
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.0 37.6
 39 50.3 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 146.72 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW006979.D

Acq: 20 Nov 2018 16:21

Instrument :

MSVOA_W

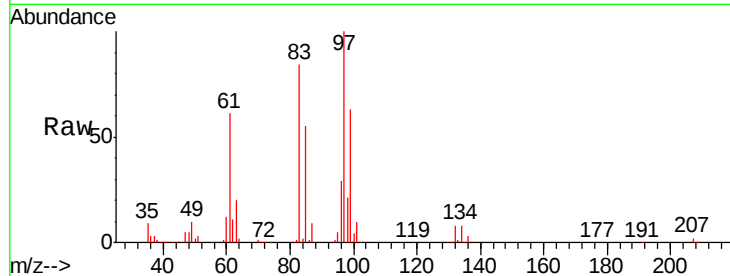
ClientSampleId :

VSTDIC150

Tgt Ion:	97	Resp:	131858
Ion	Ratio	Lower	Upper
97	100		
83	83.9	66.4	99.6
85	55.2	44.1	66.1
99	62.6	51.7	77.5

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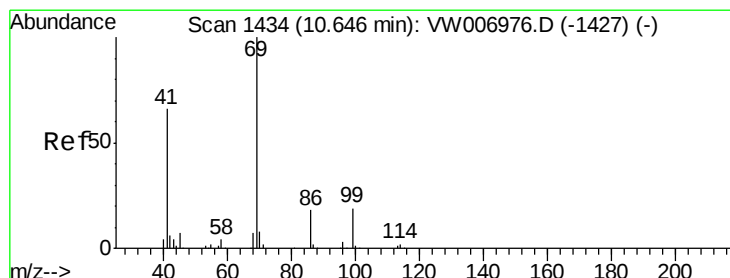
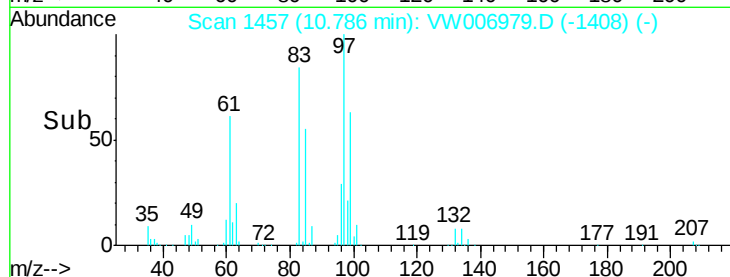
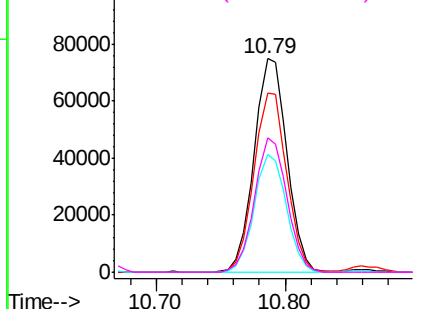


Abundance Ion 96.90 (96.60 to 97.60): VW

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: 159.93 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW006979.D

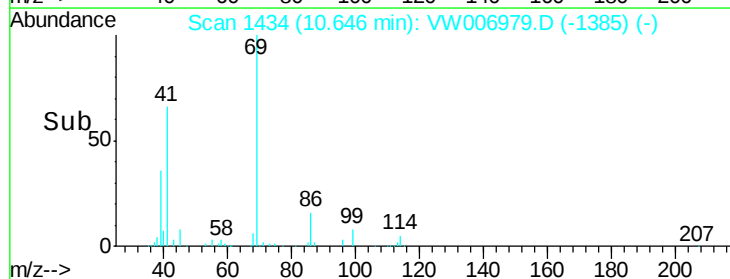
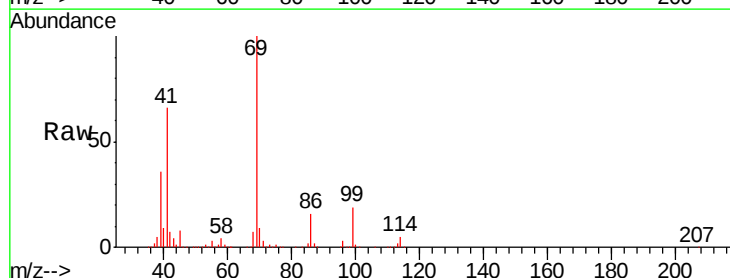
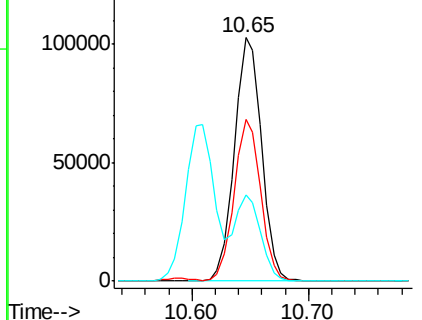
Acq: 20 Nov 2018 16:21

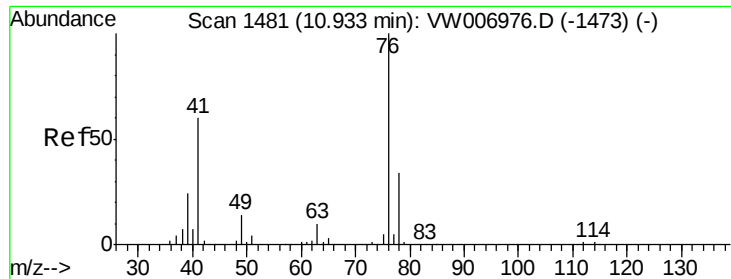
Tgt Ion:	69	Resp:	166836
Ion	Ratio	Lower	Upper
69	100		
41	64.6	53.4	80.0
39	34.3	28.2	42.4

Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 148.12 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW006979.D

Acq: 20 Nov 2018 16:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 76 Resp: 223076

Ion Ratio Lower Upper

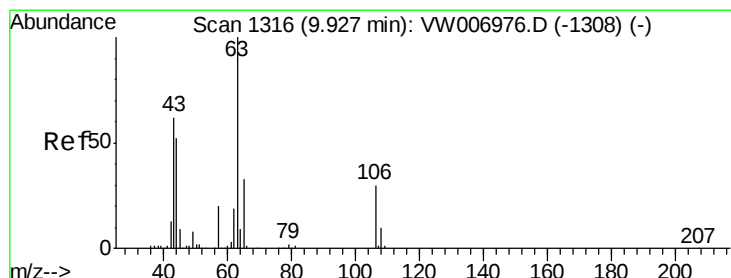
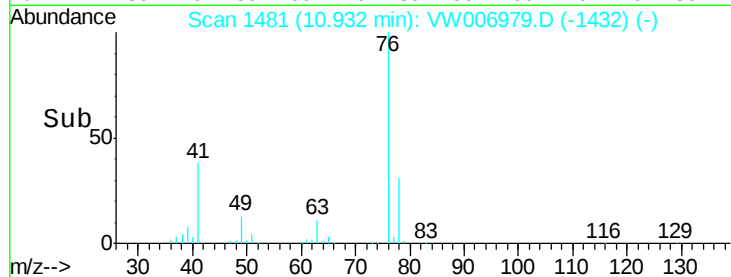
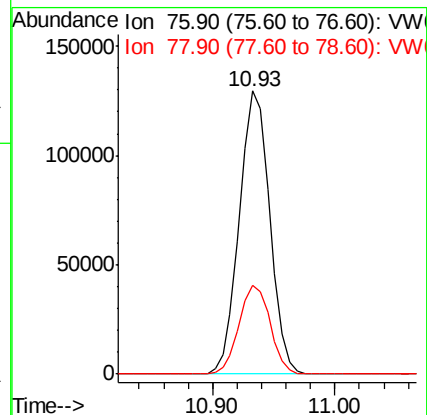
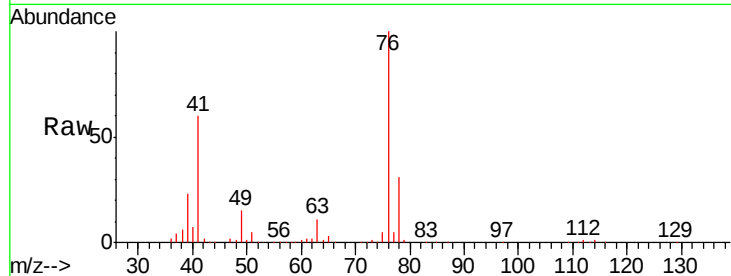
76 100

78 32.1 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 713.63 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW006979.D

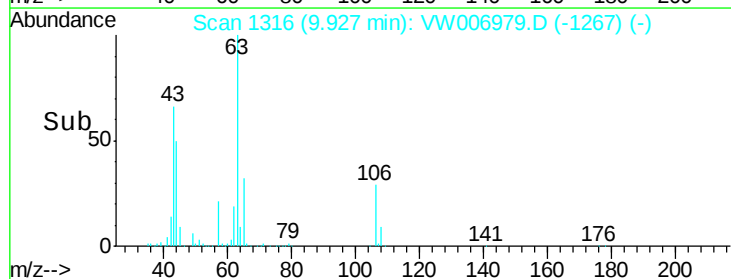
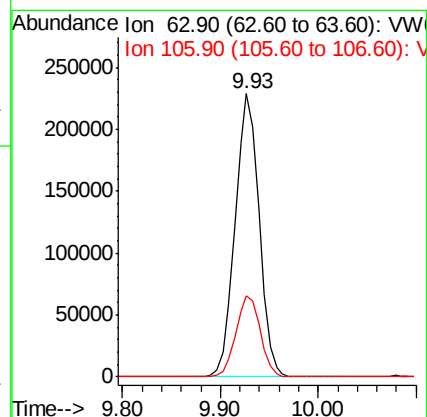
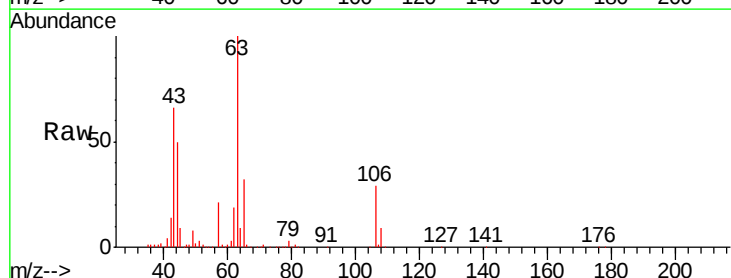
Acq: 20 Nov 2018 16:21

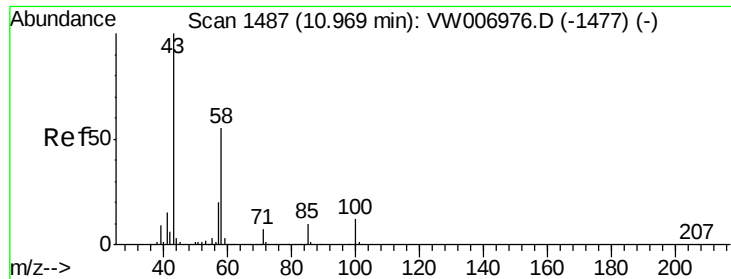
Tgt Ion: 63 Resp: 389005

Ion Ratio Lower Upper

63 100

106 29.1 23.5 35.3





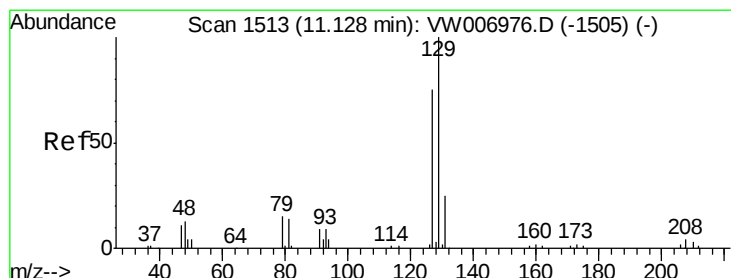
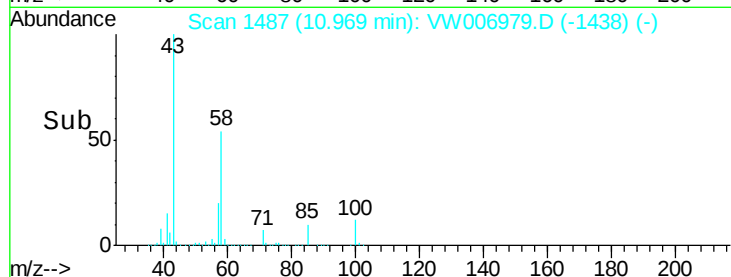
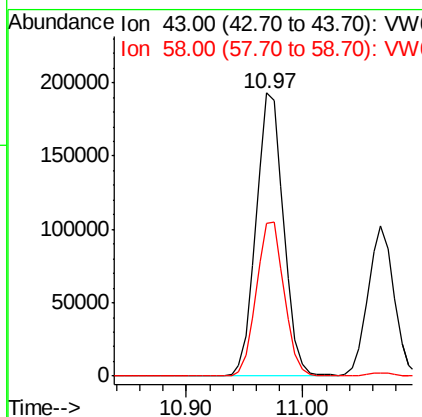
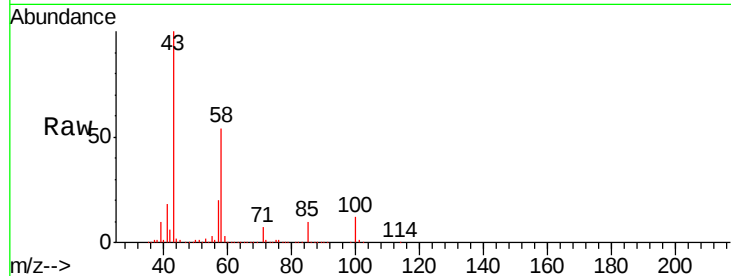
#59
2-Hexanone
Concen: 727.62 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW006979.D
Acq: 20 Nov 2018 16:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 318739
Ion Ratio Lower Upper
43 100
58 55.0 27.3 81.8

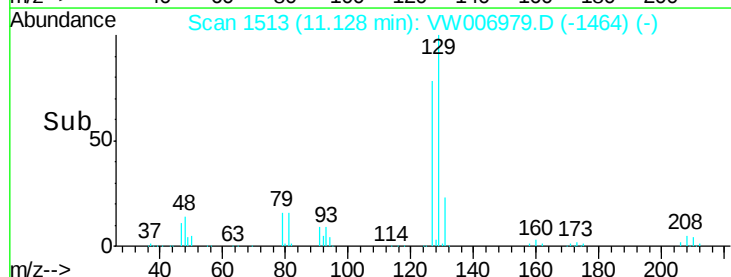
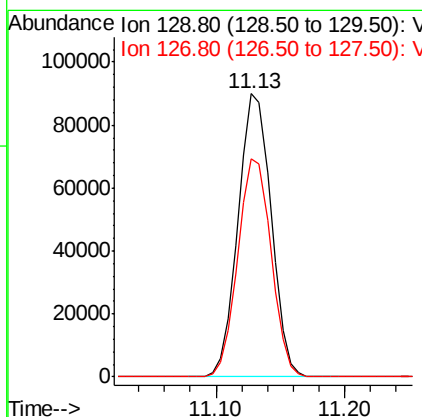
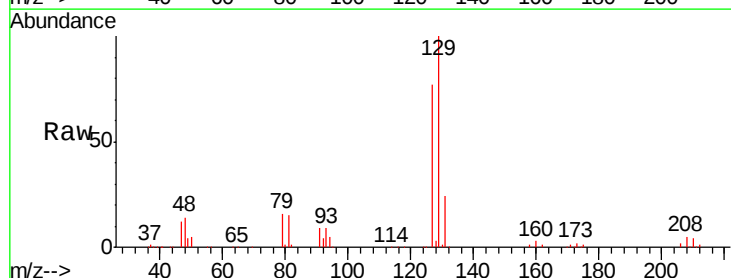
Manual Integrations
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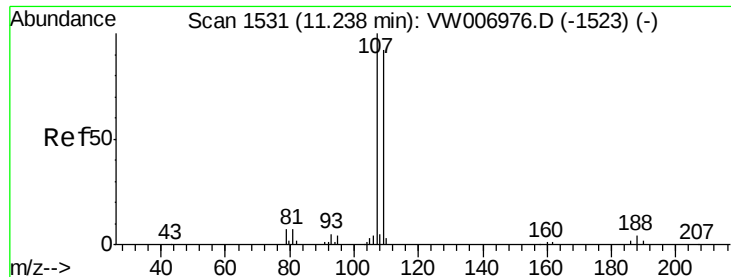
MMDadoda
11/21/2018 11:32:36 AM



#60
Dibromochloromethane
Concen: 156.31 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW006979.D
Acq: 20 Nov 2018 16:21

Tgt Ion: 129 Resp: 160063
Ion Ratio Lower Upper
129 100
127 77.5 38.3 114.8





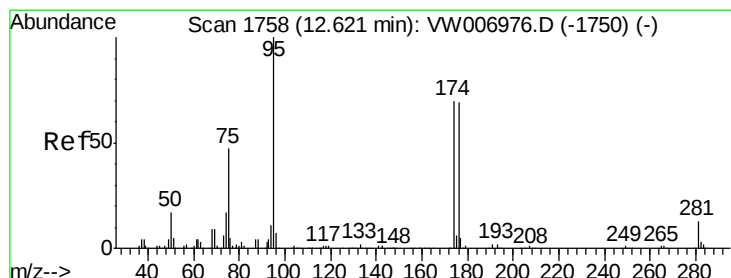
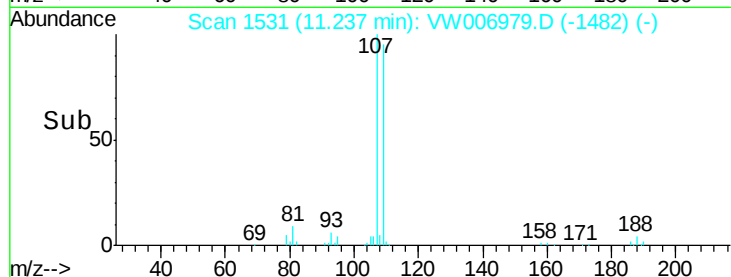
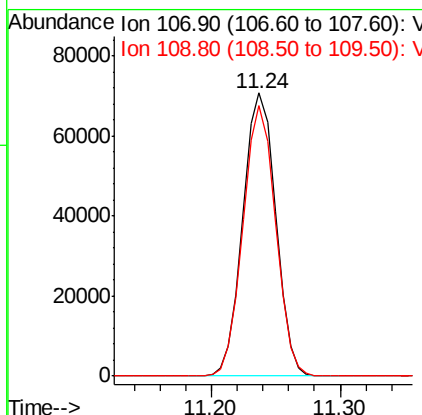
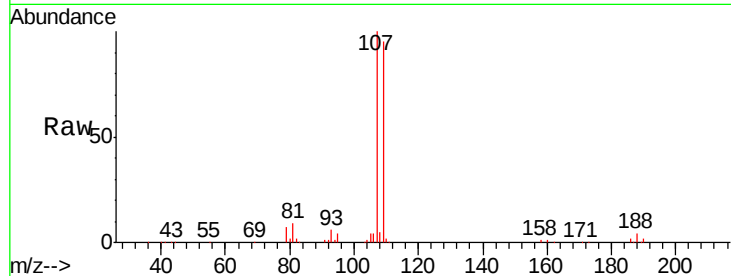
#61
 1,2-Dibromoethane
 Concen: 152.02 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006979.D
 Acq: 20 Nov 2018 16:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	124975		
109	94.4	75.1	112.7	

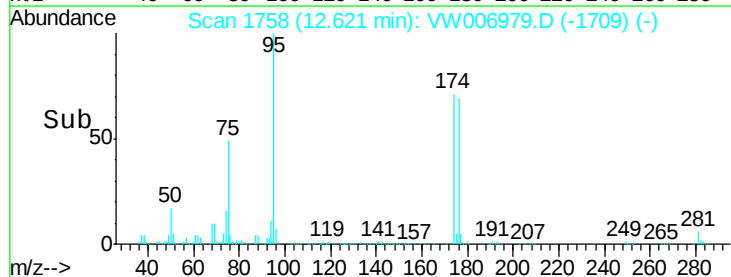
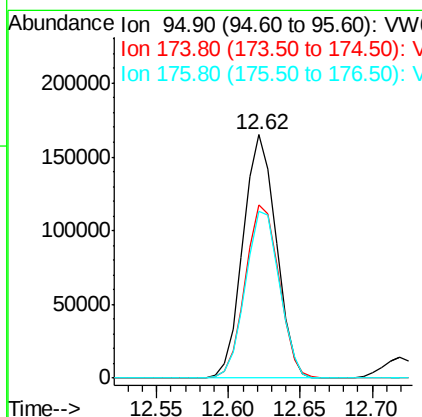
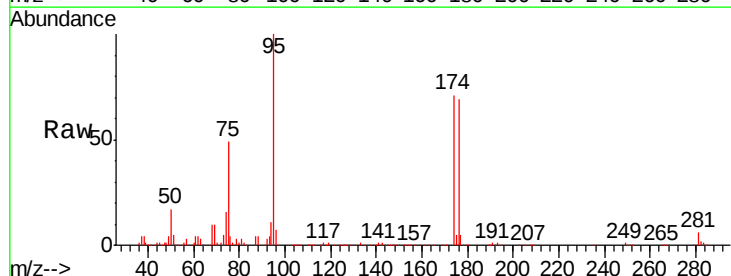
Manual Integrations
 APPROVED

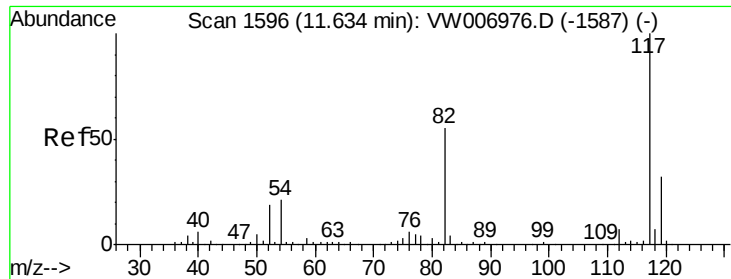
MMDadoda
 11/21/2018 11:32:36 AM



#62
 4-Bromofluorobenzene
 Concen: 143.04 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006979.D
 Acq: 20 Nov 2018 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	263312		
174	72.6	0.0	143.6	
176	70.3	0.0	140.4	





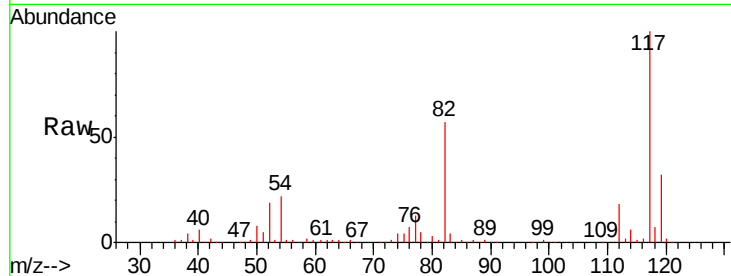
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006979.D
Acq: 20 Nov 2018 16:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	176332		
82	57.3	44.2	66.2	
119	31.6	25.9	38.9	

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MMDadoda
11/21/2018 11:32:36 AM

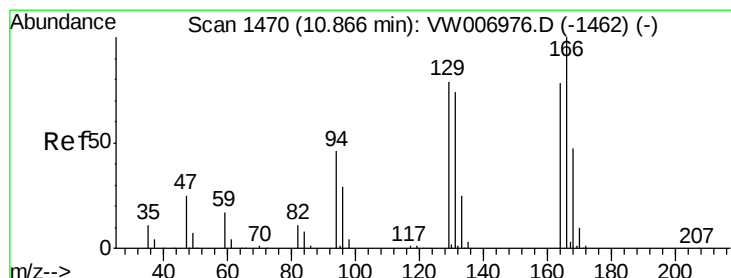
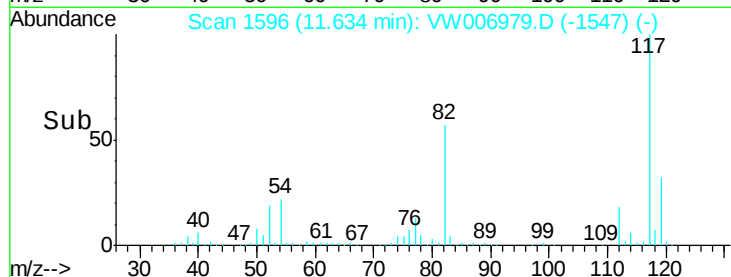
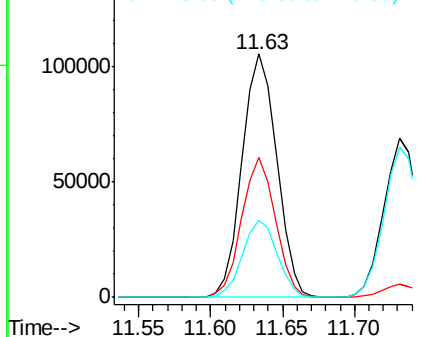


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 146.54 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006979.D
Acq: 20 Nov 2018 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	166237		
166	126.5	102.1	153.1	
129	102.0	80.4	120.6	
131	97.4	75.2	112.8	

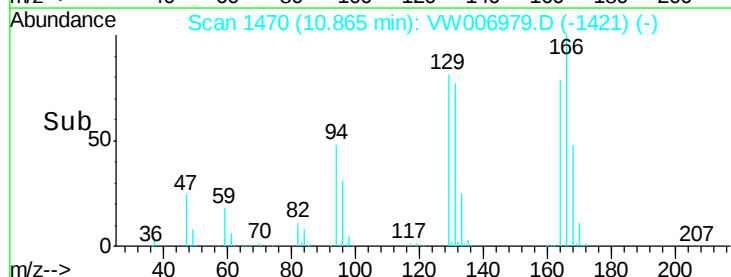
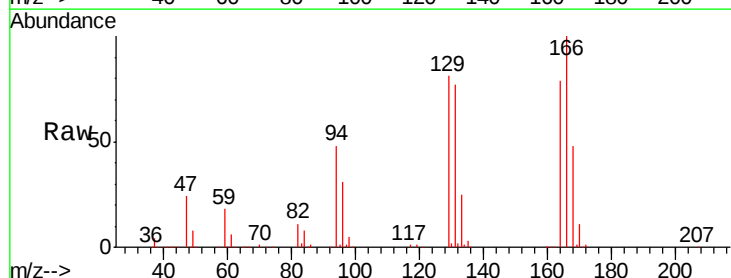
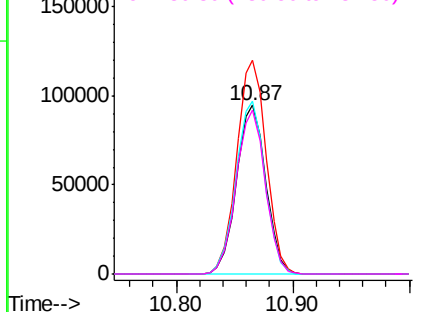
Abundance

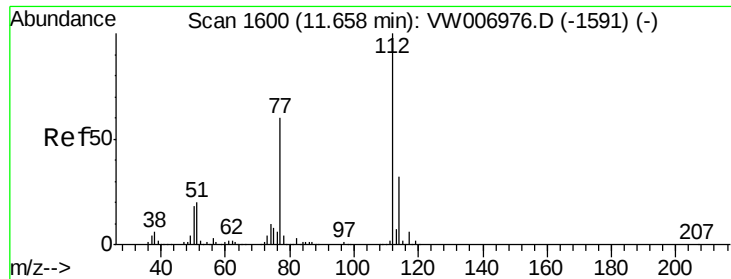
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





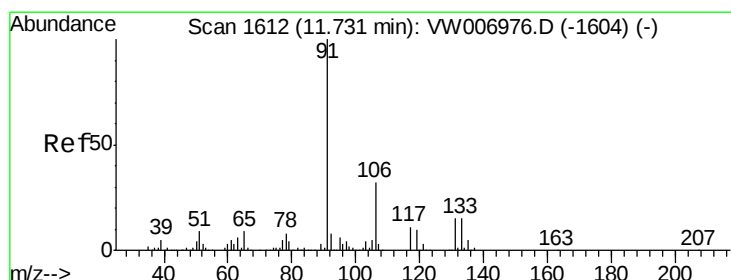
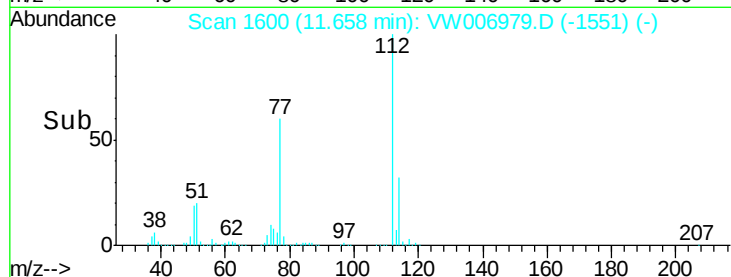
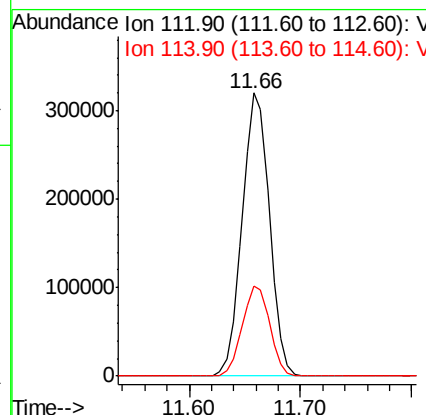
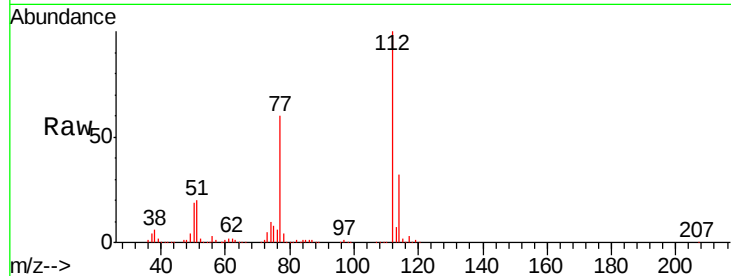
#65
Chlorobenzene
Concen: 147.38 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW006979.D
Acq: 20 Nov 2018 16:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.8	38.8

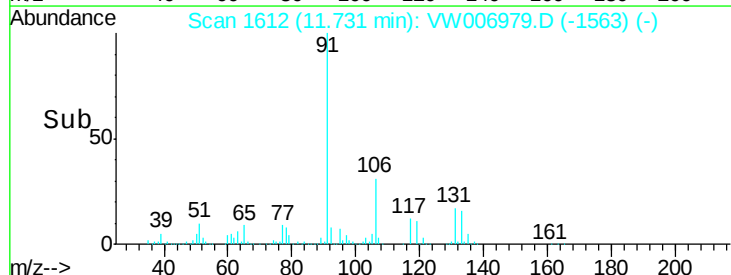
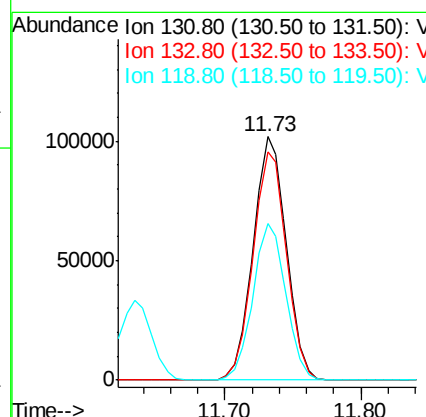
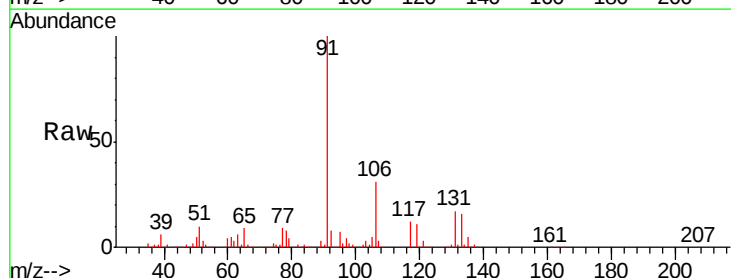
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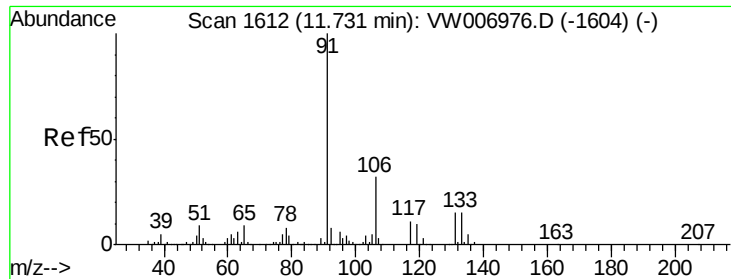
MMDadoda
11/21/2018 11:32:36 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 156.42 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW006979.D
Acq: 20 Nov 2018 16:21

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.4	47.7	143.1
119	63.8	31.8	95.3





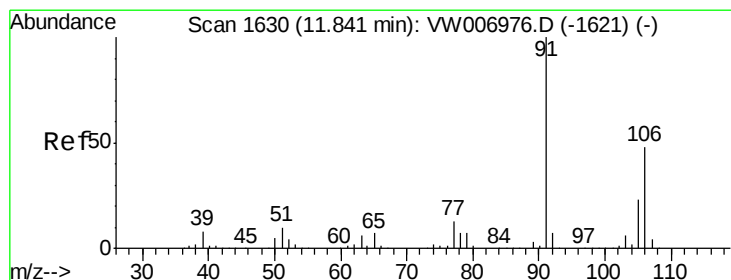
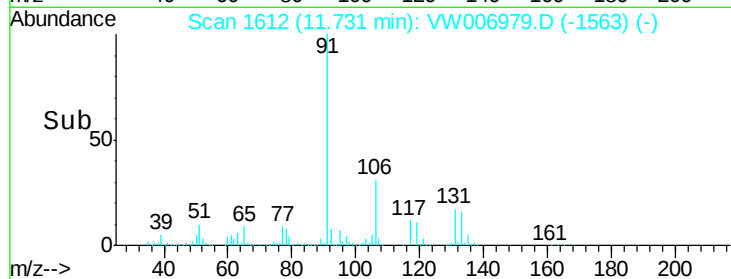
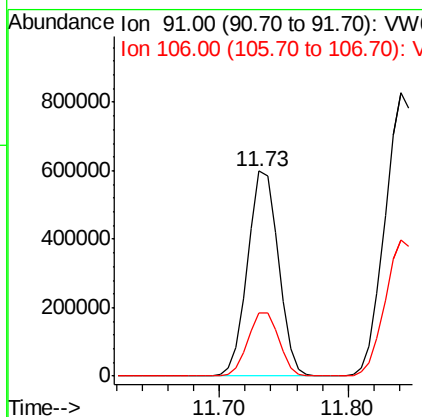
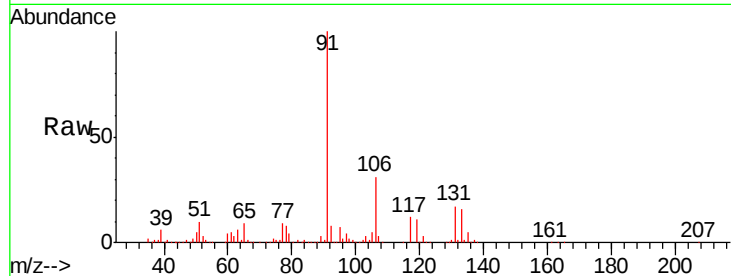
#67
Ethyl Benzene
Concen: 146.05 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW006979.D
Acq: 20 Nov 2018 16:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 987415
Ion Ratio Lower Upper
91 100
106 30.8 25.4 38.2

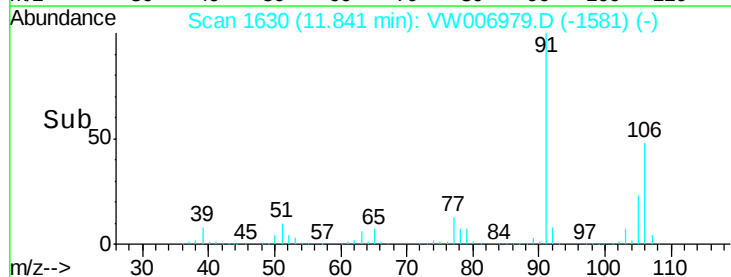
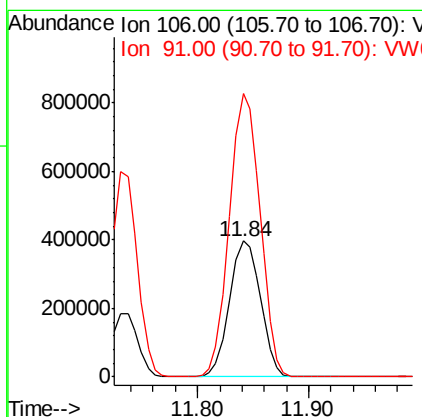
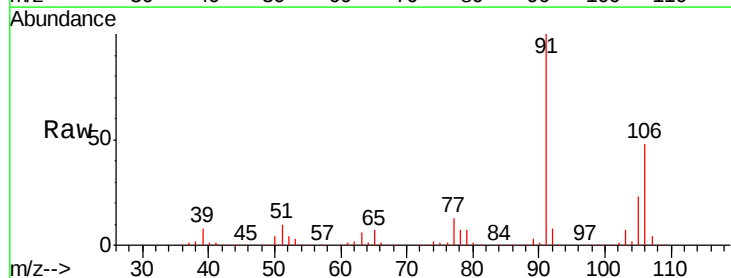
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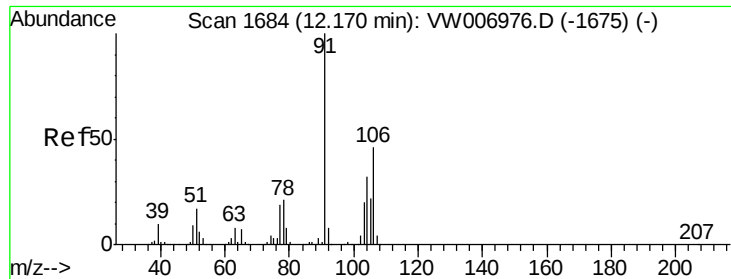
MMDadoda
11/21/2018 11:32:36 AM



#68
m/p-Xylenes
Concen: 289.32 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW006979.D
Acq: 20 Nov 2018 16:21

Tgt Ion: 106 Resp: 767420
Ion Ratio Lower Upper
106 100
91 206.7 164.8 247.2





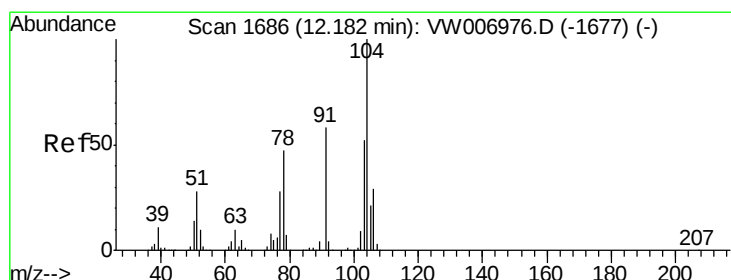
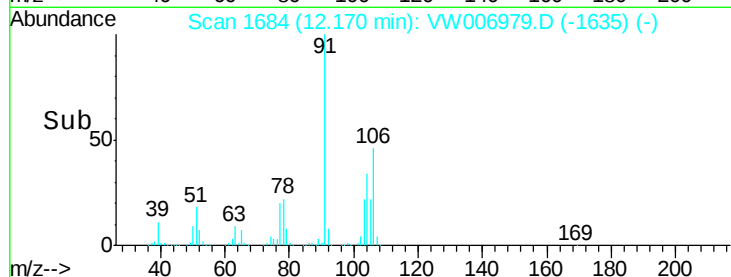
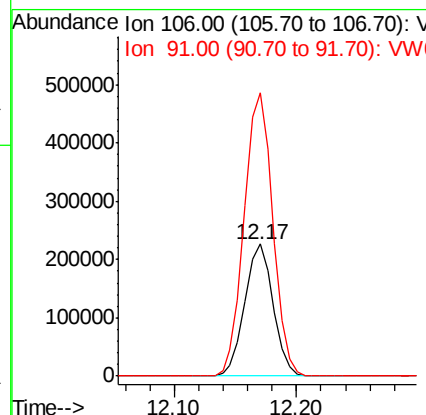
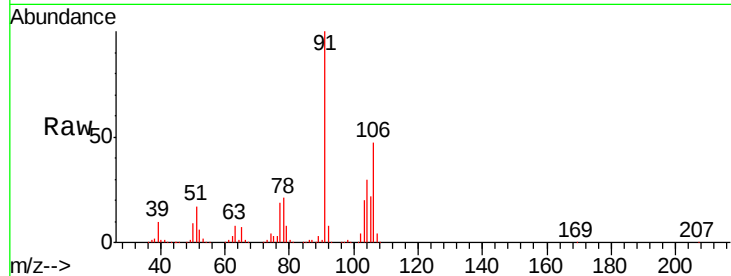
#69
o-Xylene
Concen: 145.09 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006979.D
Acq: 20 Nov 2018 16:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 362898
Ion Ratio Lower Upper
106 100
91 218.1 107.9 323.8

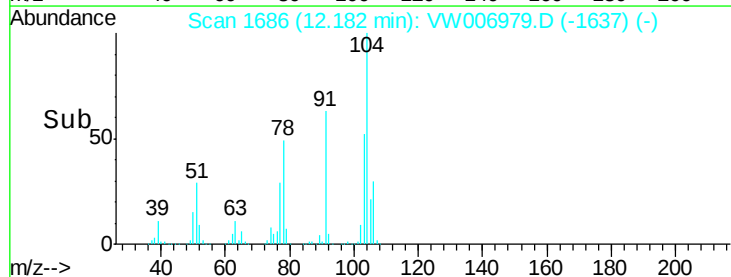
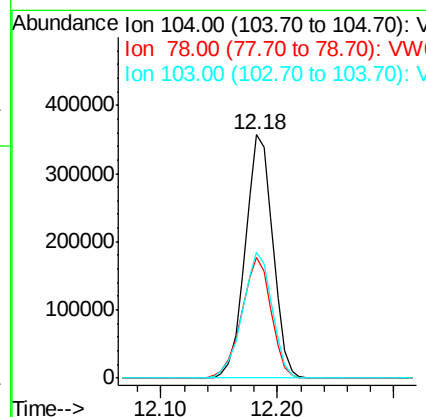
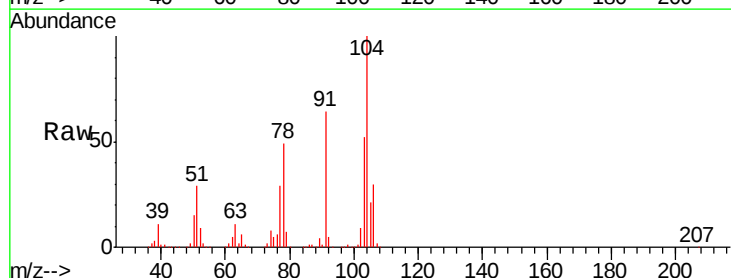
Manual Integrations
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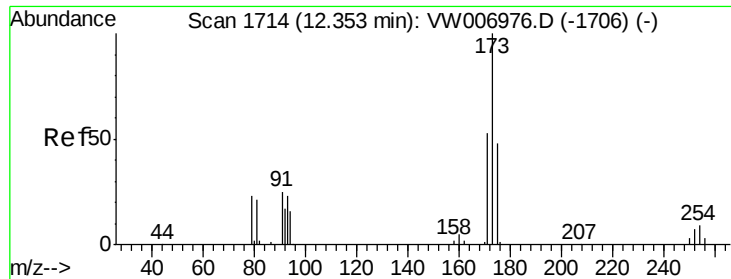
MMDadoda
11/21/2018 11:32:36 AM



#70
Styrene
Concen: 147.83 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW006979.D
Acq: 20 Nov 2018 16:21

Tgt Ion:104 Resp: 588485
Ion Ratio Lower Upper
104 100
78 53.0 41.8 62.8
103 55.4 44.4 66.6





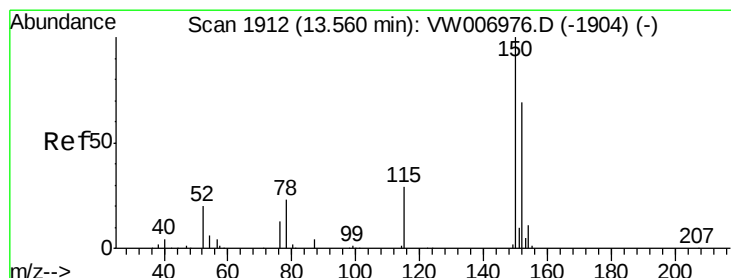
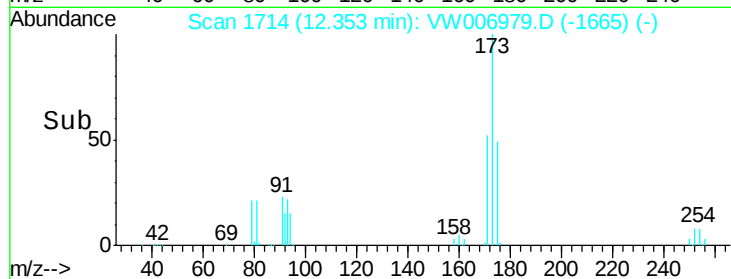
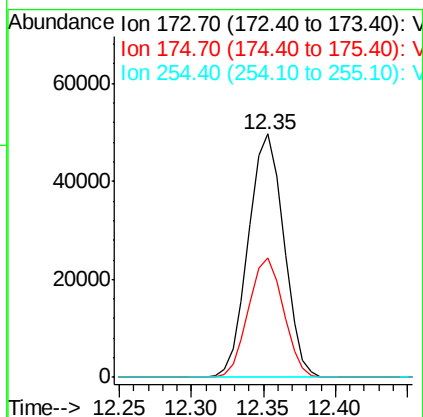
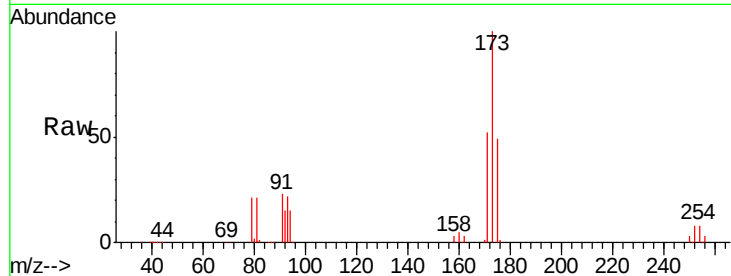
#71
Bromoform
Concen: 161.61 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW006979.D
Acq: 20 Nov 2018 16:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.0	72.0
254	0.1	0.0	0.0

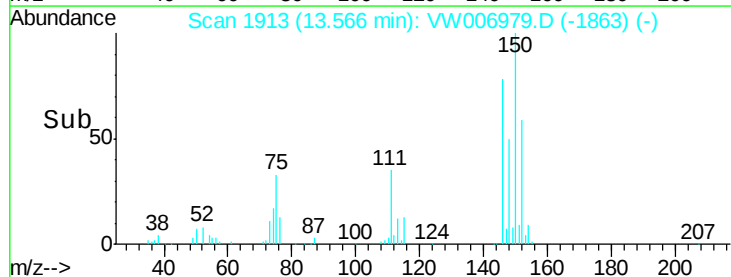
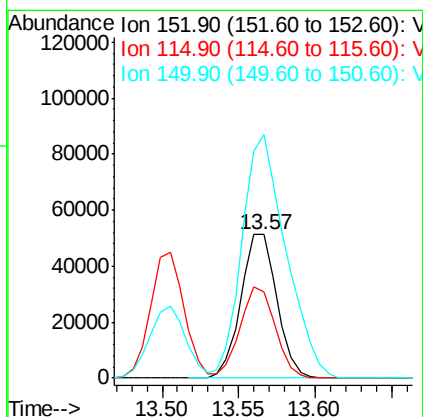
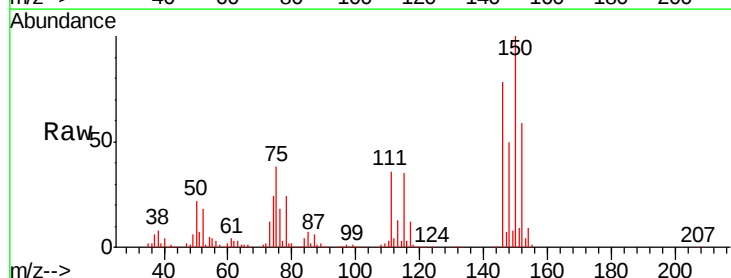
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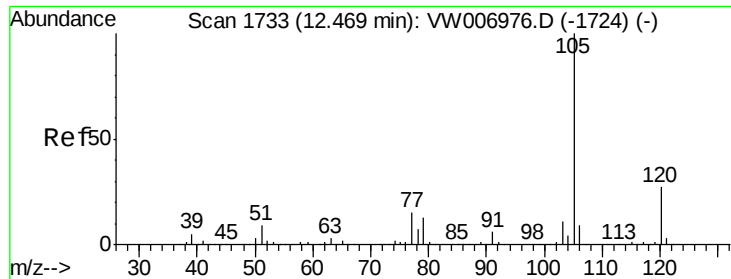
MMDadoda
11/21/2018 11:32:36 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW006979.D
Acq: 20 Nov 2018 16:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.4	31.4	94.2
150	206.1	0.0	353.4





#73

Isopropylbenzene

Concen: 153.47 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW006979.D

Acq: 20 Nov 2018 16:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 105 Resp: 1001267

Ion Ratio Lower Upper

105 100

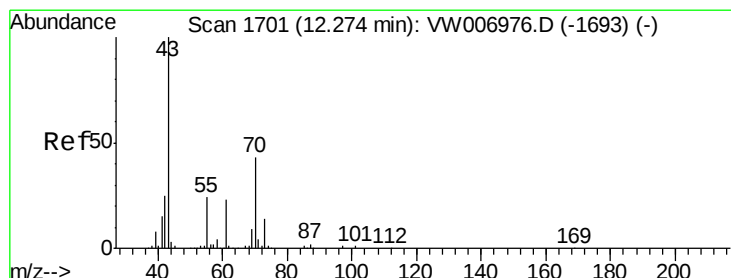
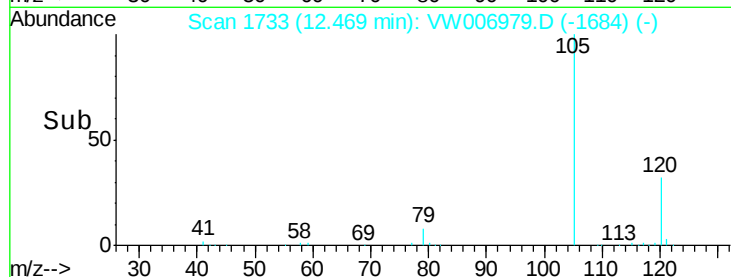
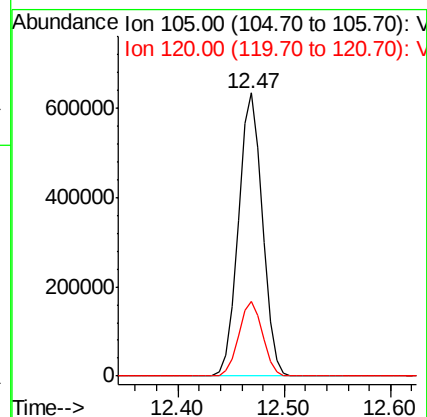
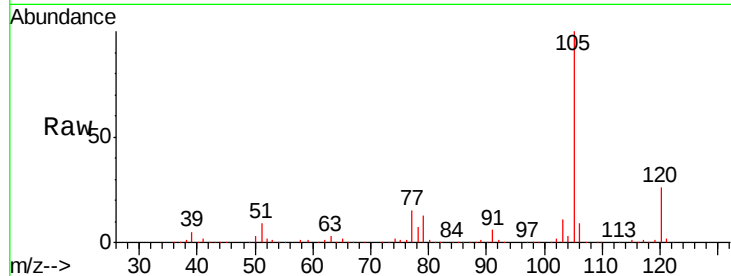
120 26.3 13.3 39.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 160.99 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW006979.D

Acq: 20 Nov 2018 16:21

Tgt Ion: 43 Resp: 176034

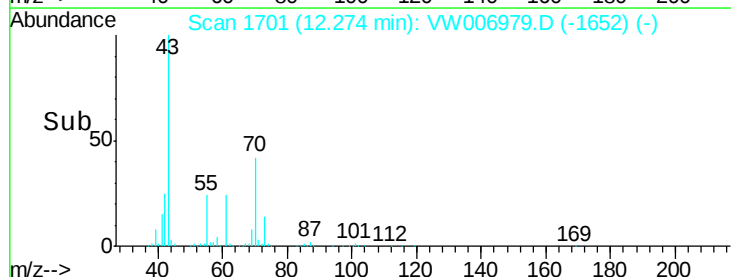
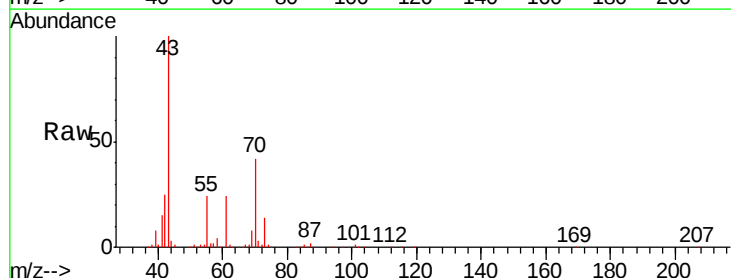
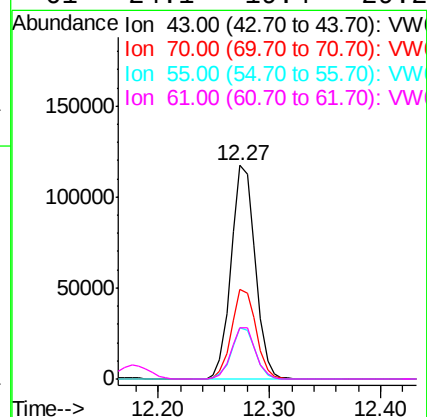
Ion Ratio Lower Upper

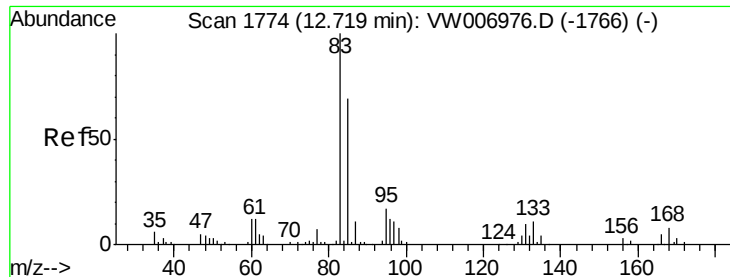
43 100

70 42.4 34.0 51.0

55 23.7 19.4 29.0

61 24.1 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 152.48 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006979.D

Acq: 20 Nov 2018 16:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 132393

Ion Ratio Lower Upper

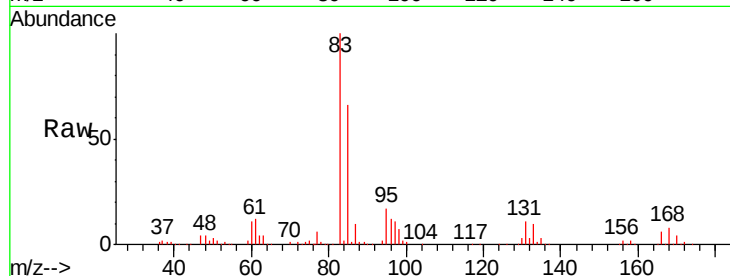
83 100

131 11.4 5.7 17.1

85 65.3 33.1 99.2

Manual Integrations
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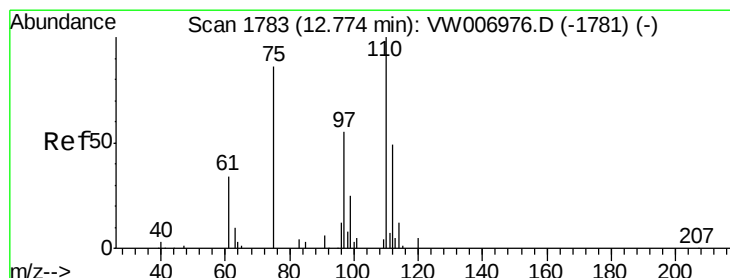
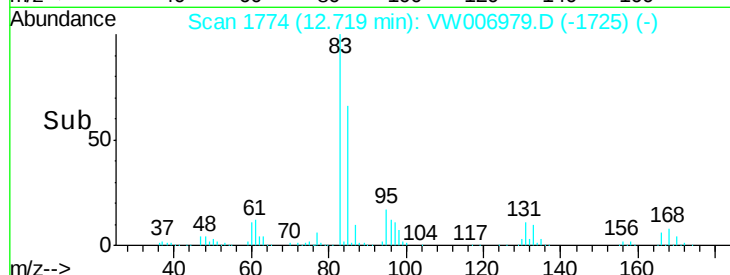
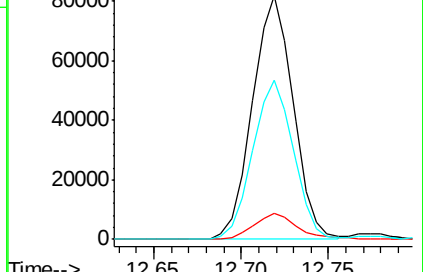
MMDadoda
11/21/2018 11:32:36 AM



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 79.77 ug/l m

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW006979.D

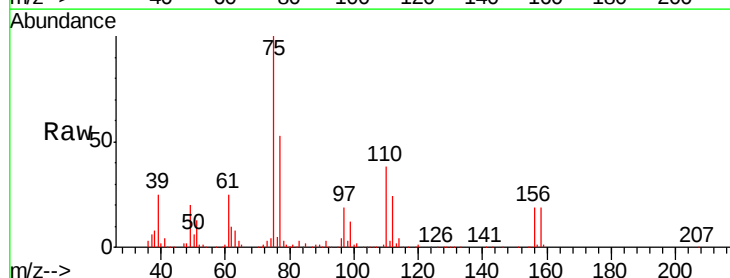
Acq: 20 Nov 2018 16:21

Tgt Ion: 75 Resp: 86668

Ion Ratio Lower Upper

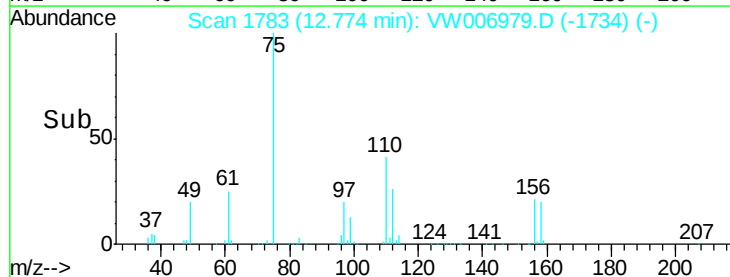
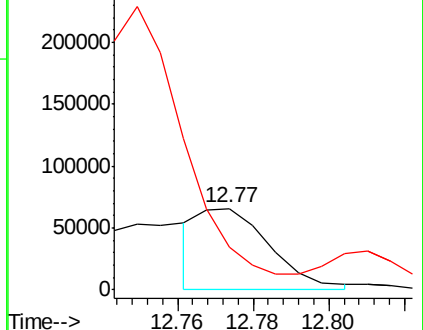
75 100

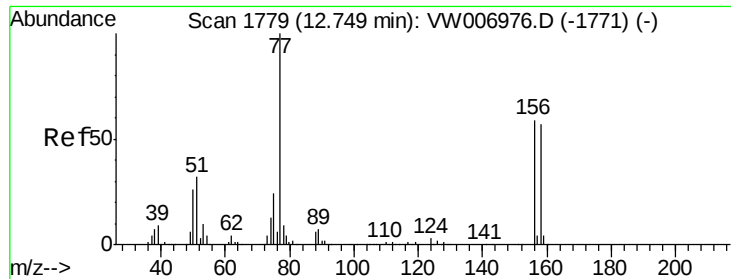
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 150.32 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006979.D

Acq: 20 Nov 2018 16:21

Instrument :

MSVOA_W

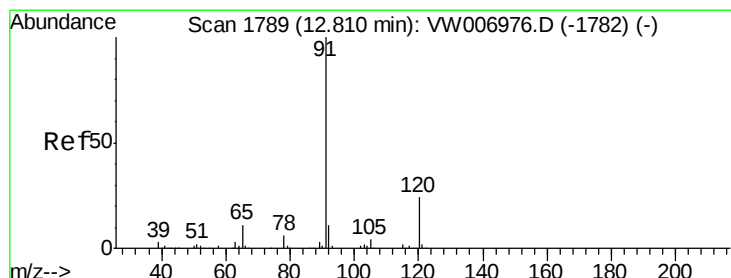
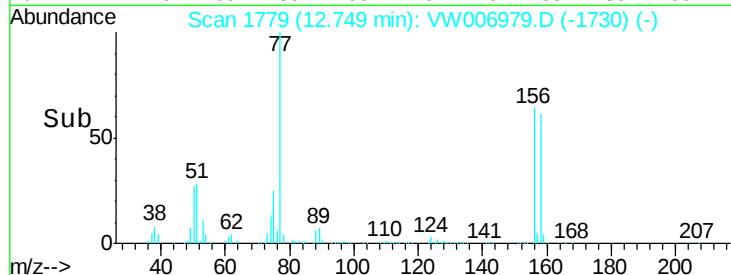
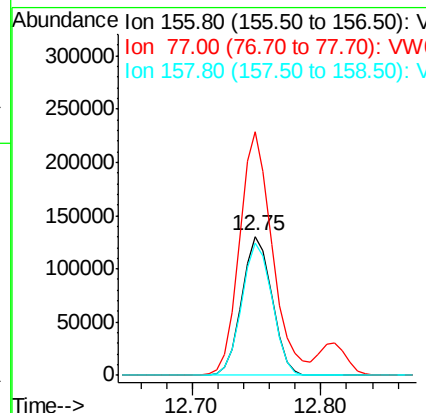
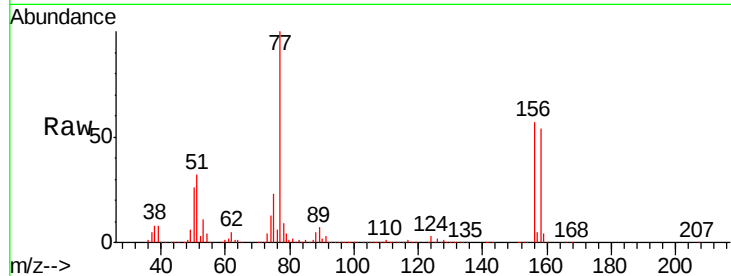
ClientSampleId :

VSTDIC150

Tgt Ion	Ratio	Lower	Upper
156	100		
77	191.8	94.6	283.8
158	96.5	48.9	146.7

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#78

n-propylbenzene

Concen: 151.57 ug/l

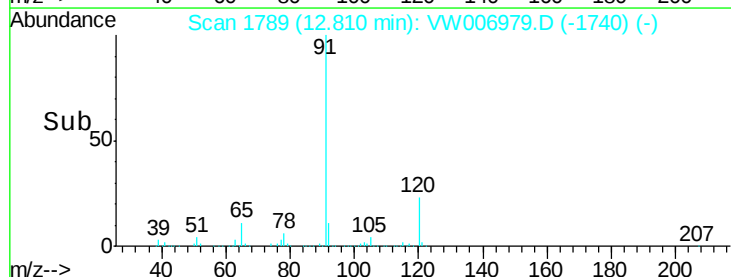
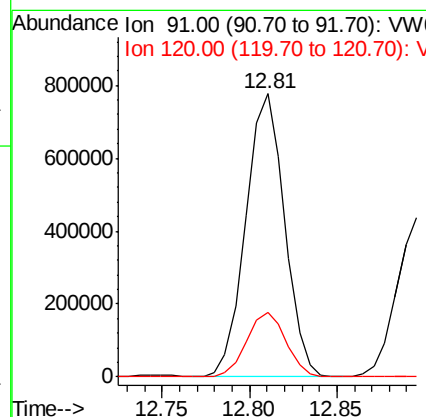
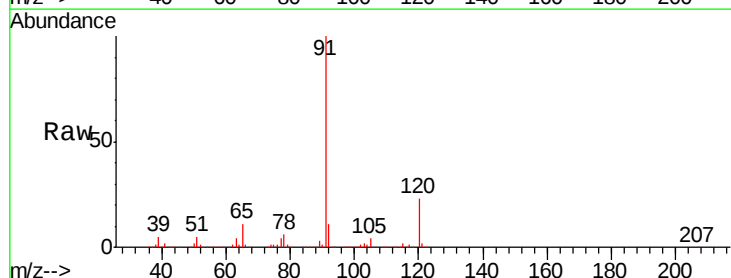
RT: 12.81 min Scan# 1789

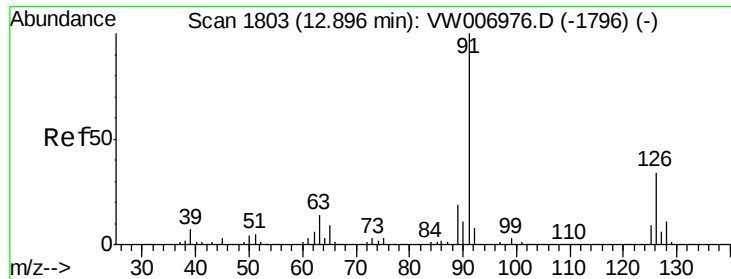
Delta R.T. -0.00 min

Lab File: VW006979.D

Acq: 20 Nov 2018 16:21

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.7	35.1





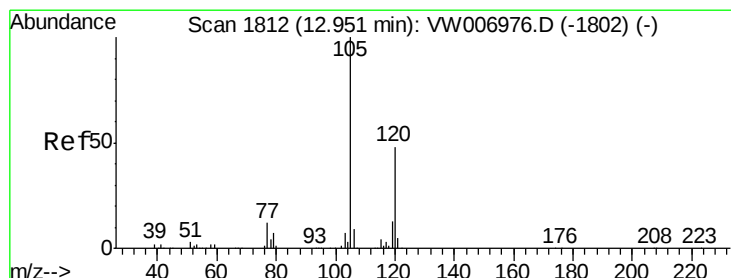
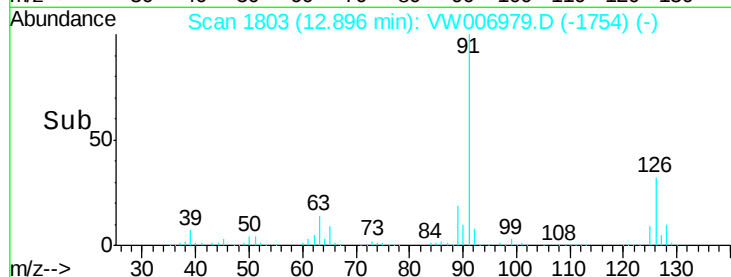
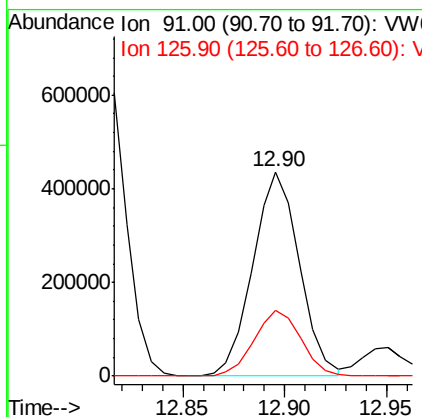
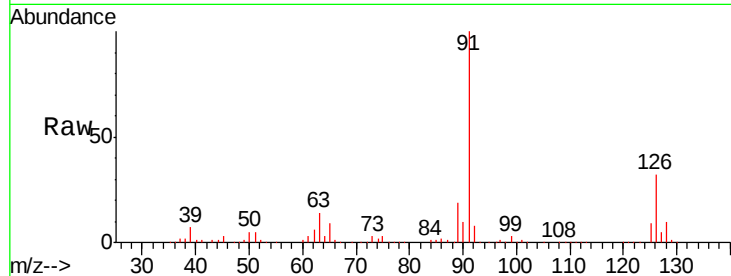
#79
2-Chlorotoluene
Concen: 151.44 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW006979.D
Acq: 20 Nov 2018 16:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 690050
Ion Ratio Lower Upper
91 100
126 32.7 16.7 50.0

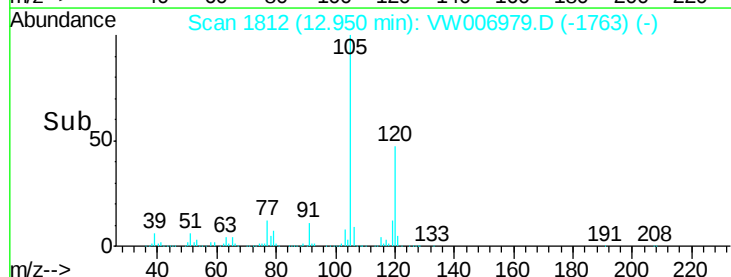
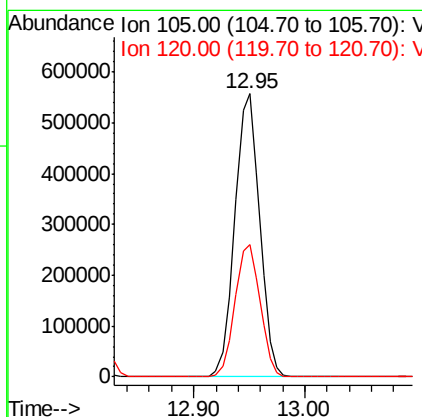
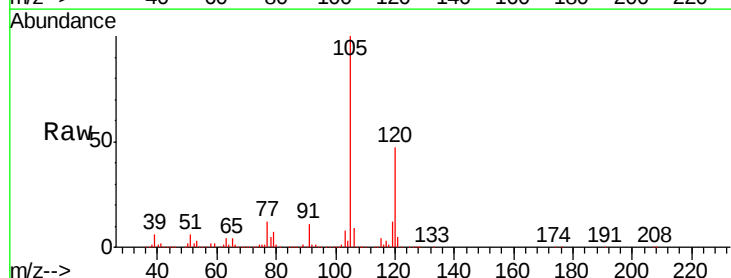
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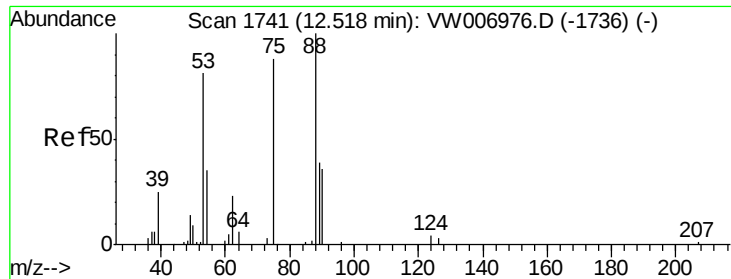
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#80
1,3,5-Trimethylbenzene
Concen: 151.88 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. -0.00 min
Lab File: VW006979.D
Acq: 20 Nov 2018 16:21

Tgt Ion: 105 Resp: 856870
Ion Ratio Lower Upper
105 100
120 47.6 23.8 71.2





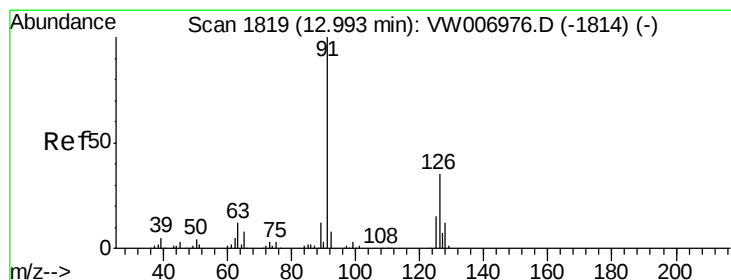
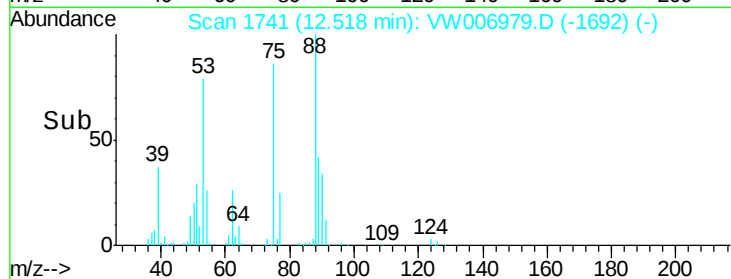
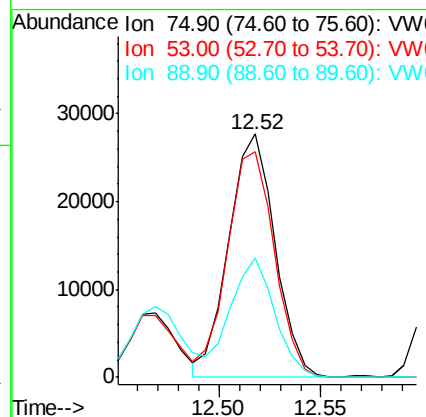
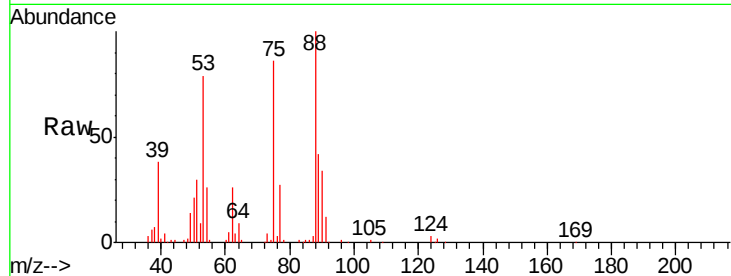
#81
 trans-1,4-Dichloro-2-butene
 Concen: 163.53 ug/l
 RT: 12.52 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VW006979.D
 Acq: 20 Nov 2018 16:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Tgt Ion	Ratio	Lower	Upper
75	100		
53	96.1	77.6	116.4
89	47.3	39.3	58.9

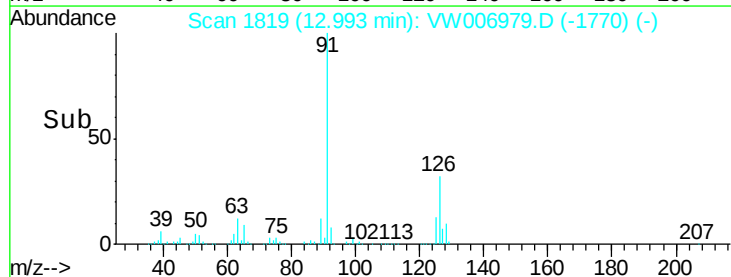
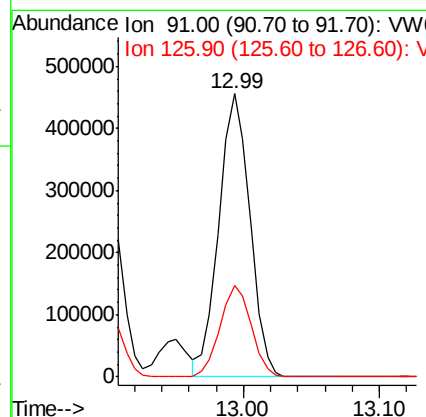
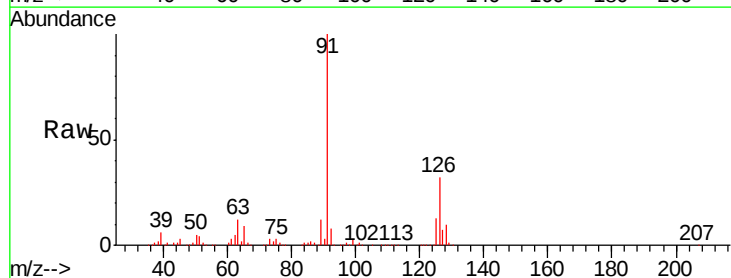
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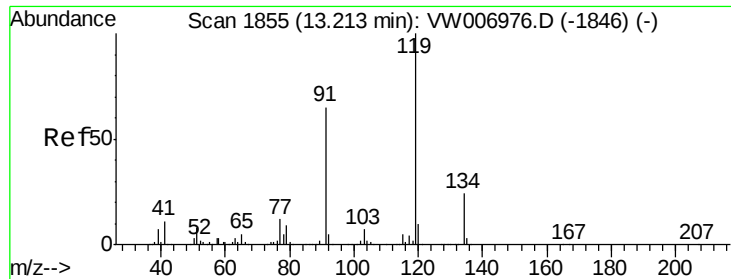
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#82
 4-Chlorotoluene
 Concen: 150.78 ug/l
 RT: 12.99 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: VW006979.D
 Acq: 20 Nov 2018 16:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.6	49.7





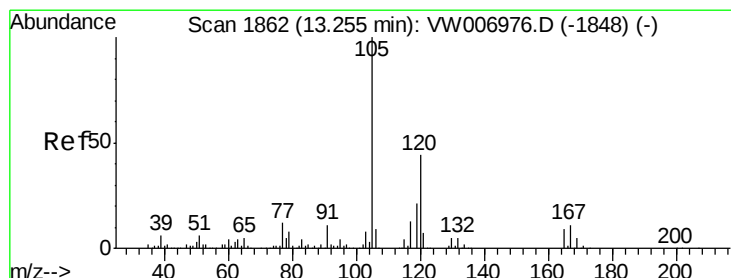
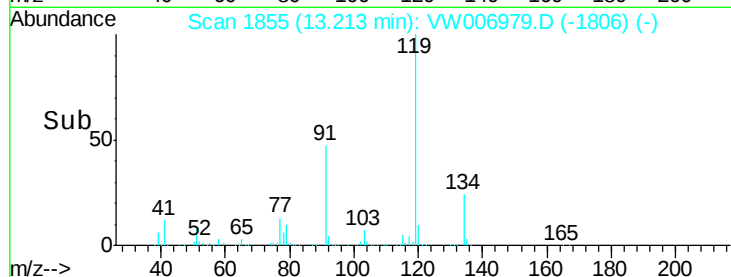
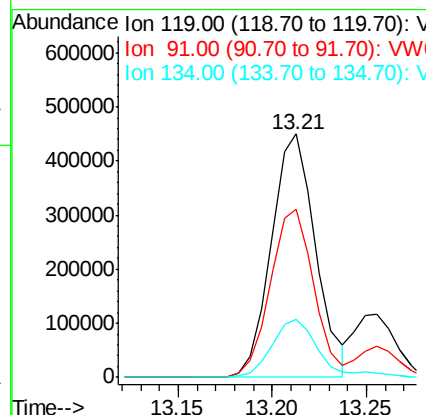
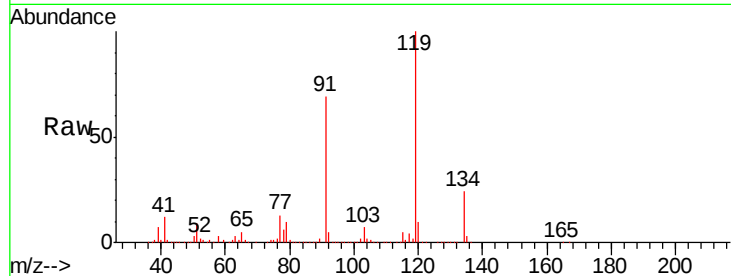
#83
 tert-Butylbenzene
 Concen: 149.90 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW006979.D
 Acq: 20 Nov 2018 16:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion	Ratio	Lower	Upper
119	100		
91	67.8	33.5	100.5
134	25.3	12.6	37.8

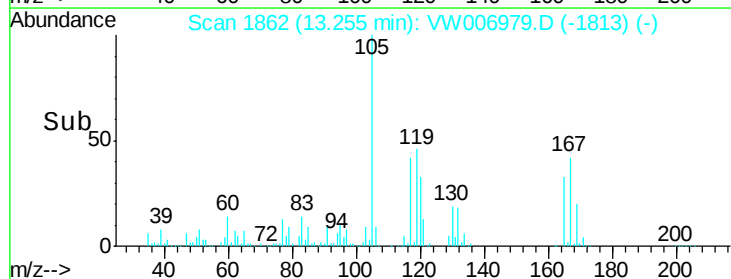
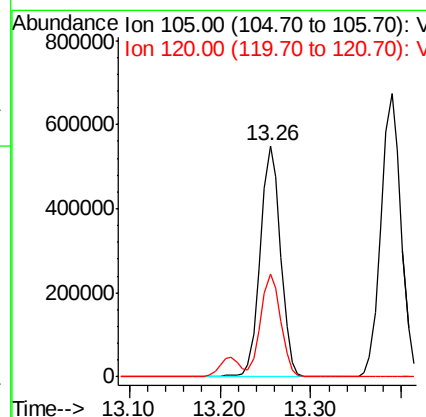
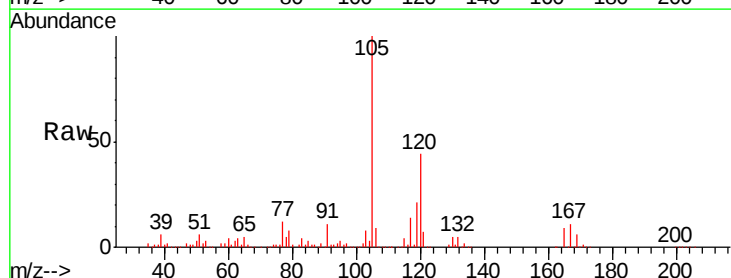
Manual Integrations
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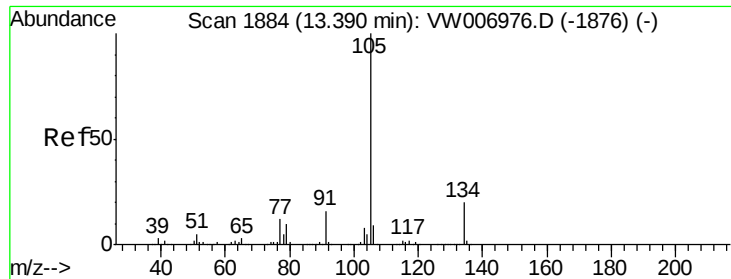
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 11/21/2018 11:32:36 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 151.74 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW006979.D
 Acq: 20 Nov 2018 16:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.7	21.8	65.3





#85

sec-Butylbenzene

Concen: 149.28 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW006979.D

Acq: 20 Nov 2018 16:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion:105 Resp: 1030096

Ion Ratio Lower Upper

105 100

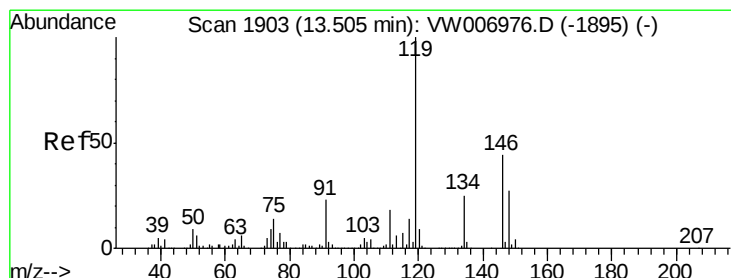
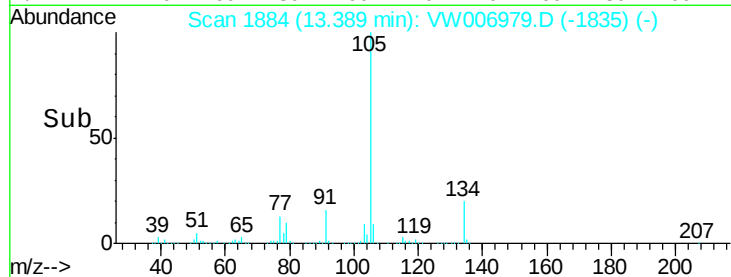
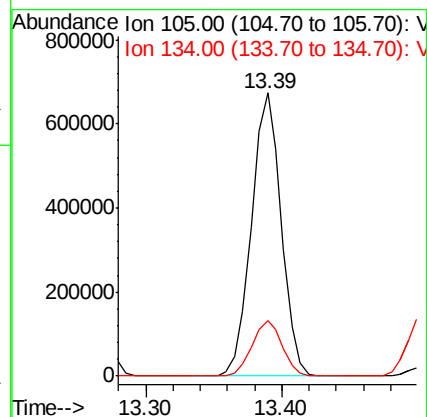
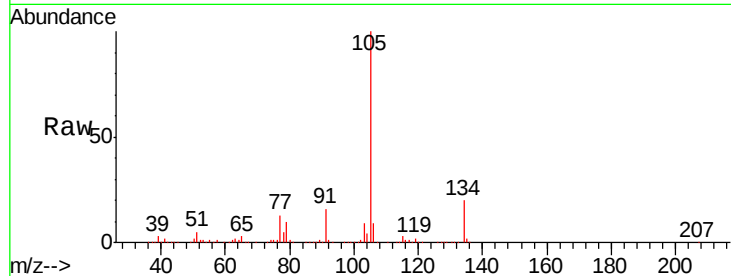
134 19.8 9.8 29.3

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#86

p-Isopropyltoluene

Concen: 148.07 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW006979.D

Acq: 20 Nov 2018 16:21

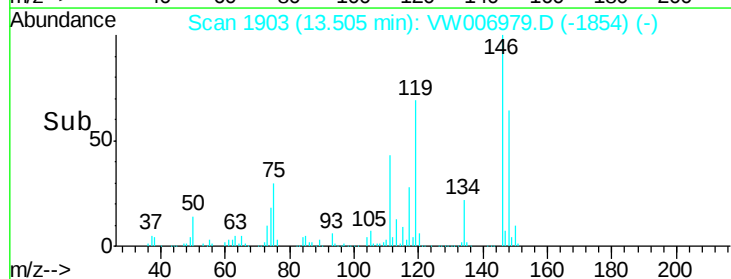
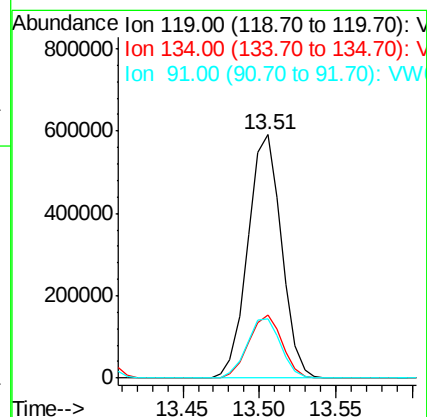
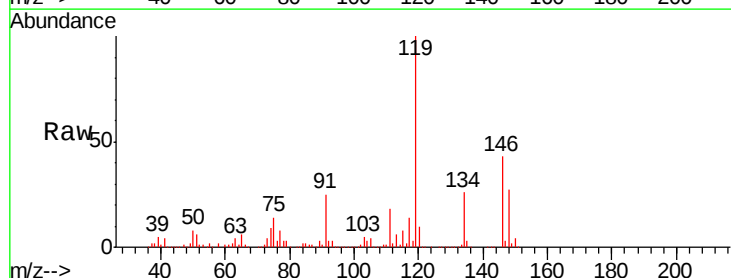
Tgt Ion:119 Resp: 901400

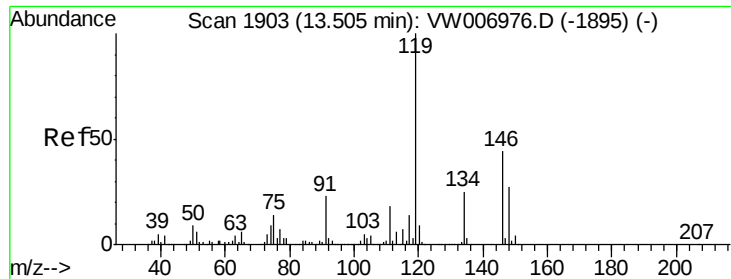
Ion Ratio Lower Upper

119 100

134 25.7 12.8 38.3

91 24.7 12.2 36.6





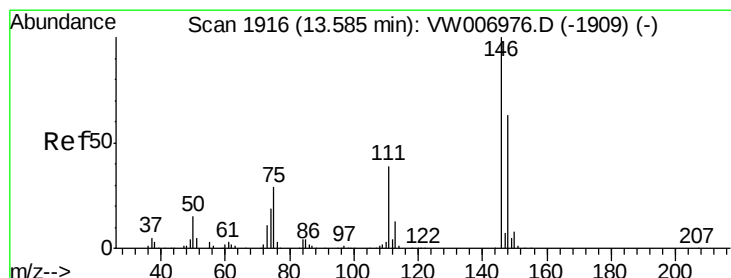
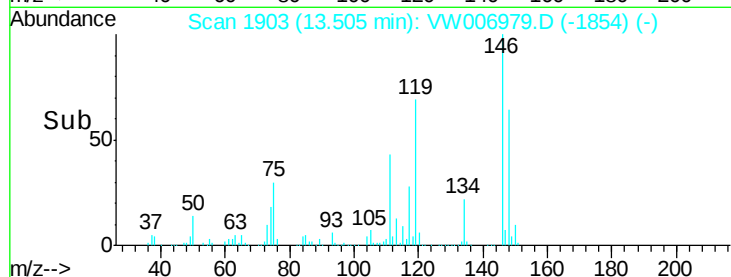
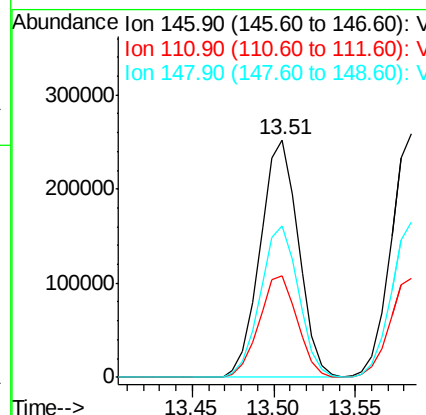
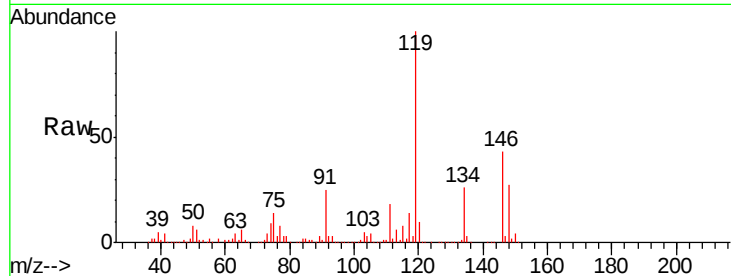
#87
 1,3-Dichlorobenzene
 Concen: 143.85 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006979.D
 Acq: 20 Nov 2018 16:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.1	63.3
148	63.6	31.6	94.8

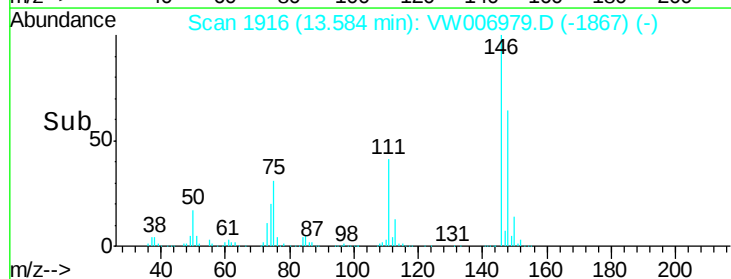
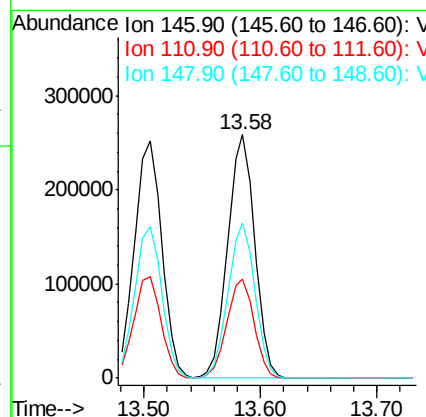
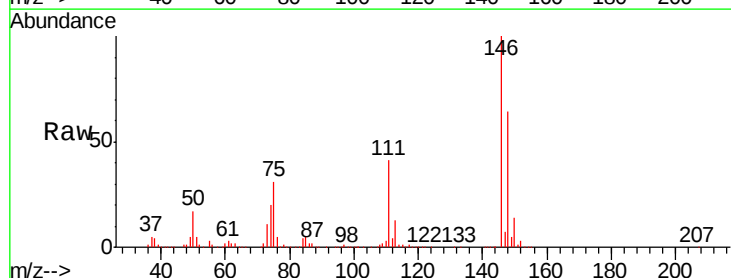
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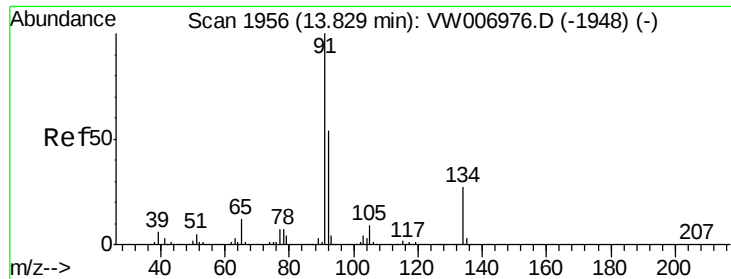
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#88
 1,4-Dichlorobenzene
 Concen: 145.60 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006979.D
 Acq: 20 Nov 2018 16:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.6	61.8
148	63.7	32.3	96.8





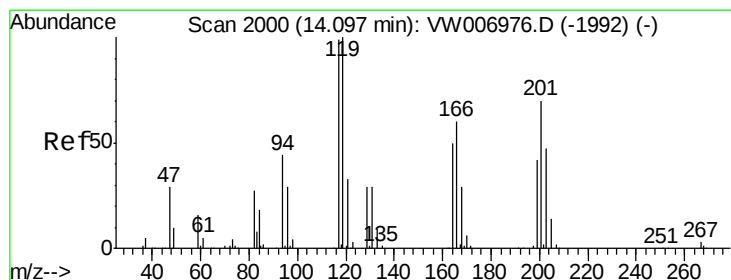
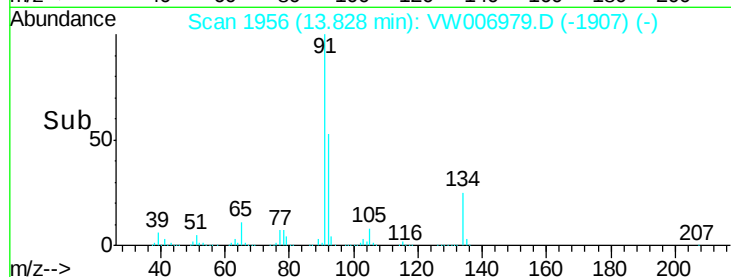
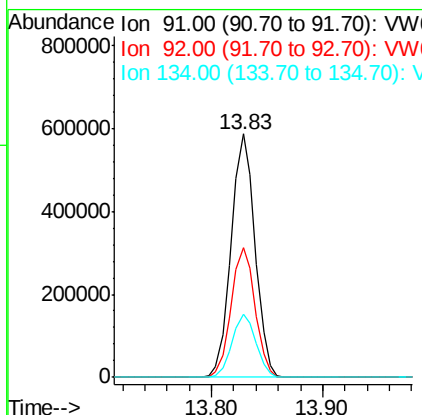
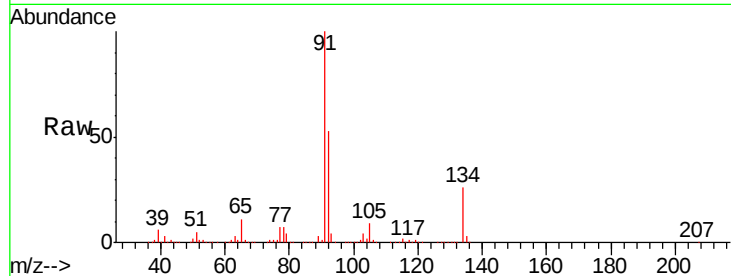
#89
n-Butylbenzene
Concen: 151.82 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006979.D
Acq: 20 Nov 2018 16:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	869785		
92	53.3	26.8	80.4	
134	26.1	13.3	39.8	

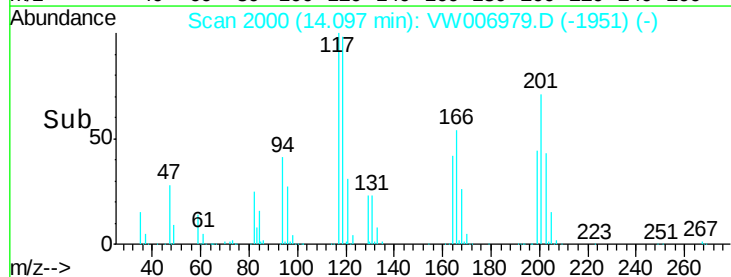
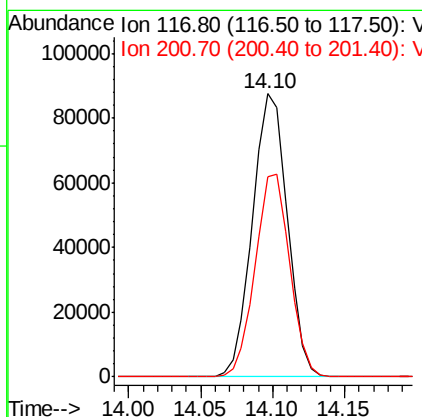
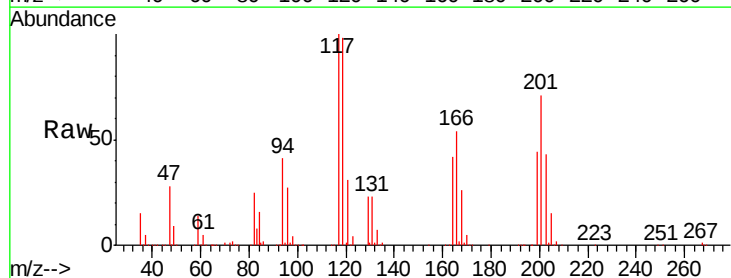
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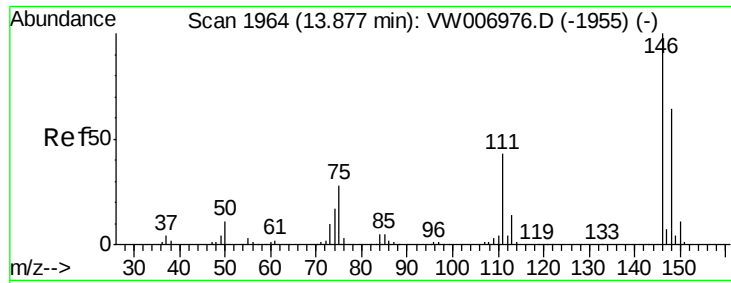
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#90
Hexachloroethane
Concen: 164.83 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW006979.D
Acq: 20 Nov 2018 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	146503		
201	71.0	35.9	107.5	





#91

1,2-Dichlorobenzene

Concen: 144.87 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. -0.00 min

Lab File: VW006979.D

Acq: 20 Nov 2018 16:21

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

Tgt Ion: 146 Resp: 363138

Ion Ratio Lower Upper

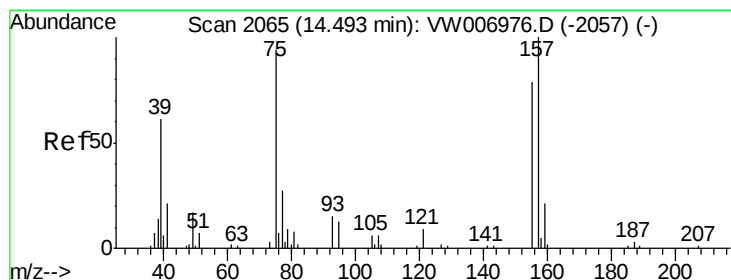
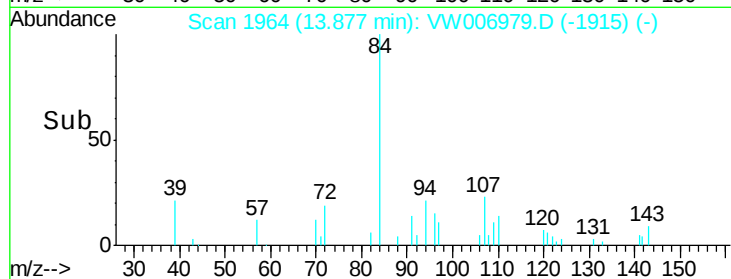
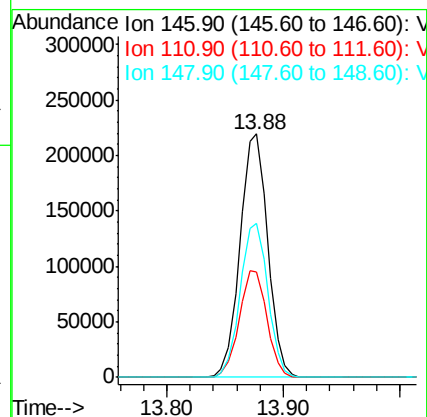
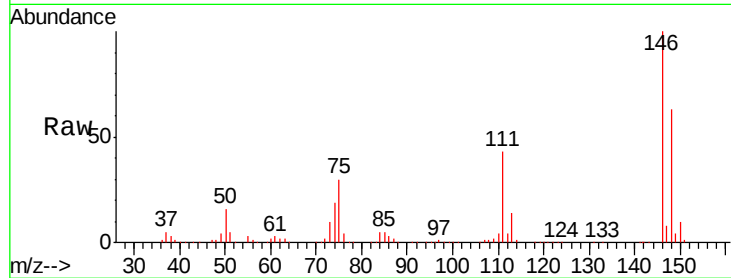
146 100

111 43.7 21.9 65.7

148 63.6 32.2 96.6

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#92

1,2-Dibromo-3-Chloropropane

Concen: 161.56 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. -0.01 min

Lab File: VW006979.D

Acq: 20 Nov 2018 16:21

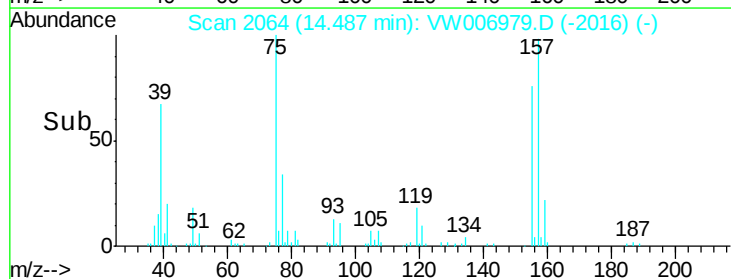
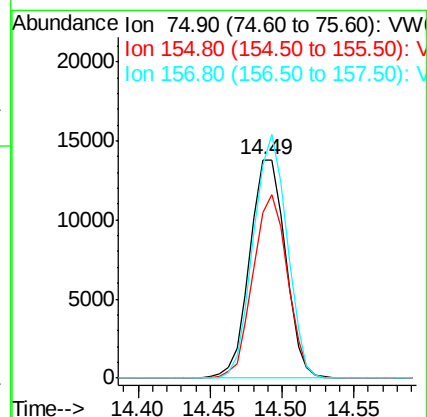
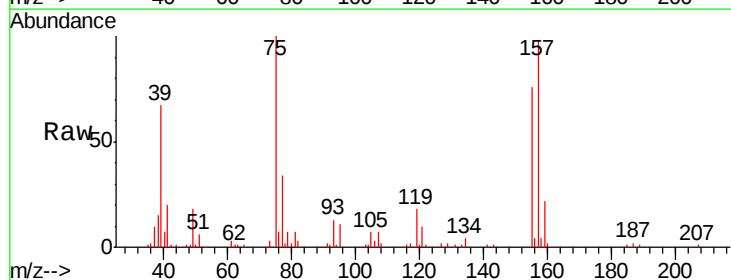
Tgt Ion: 75 Resp: 23692

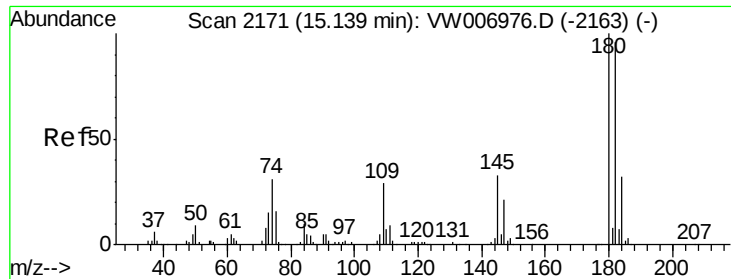
Ion Ratio Lower Upper

75 100

155 80.7 42.6 127.8

157 104.8 55.0 165.0





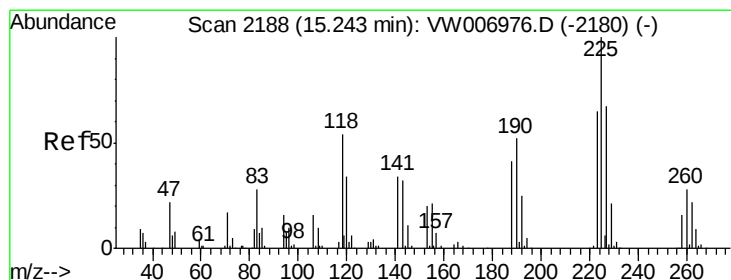
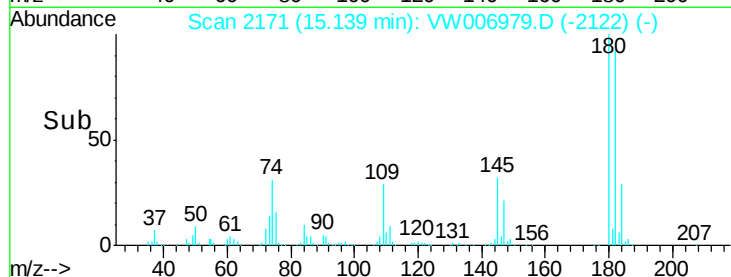
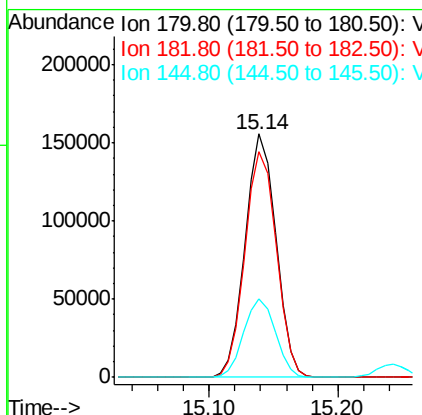
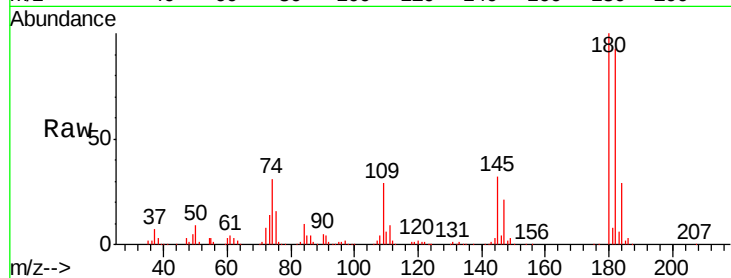
#93
1,2,4-Trichlorobenzene
Concen: 155.71 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW006979.D
Acq: 20 Nov 2018 16:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	257384		
182	94.5	47.1	141.3	
145	33.2	16.5	49.5	

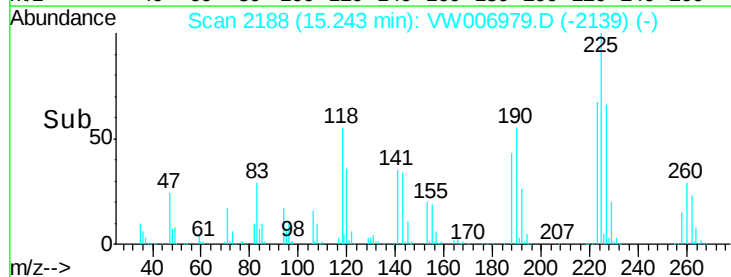
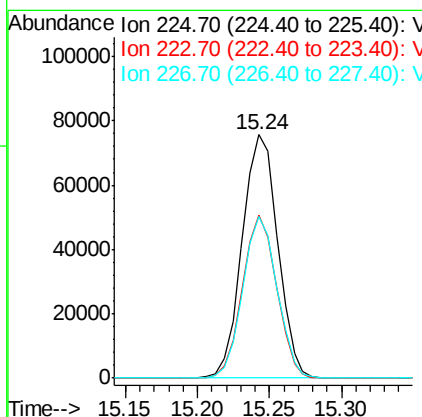
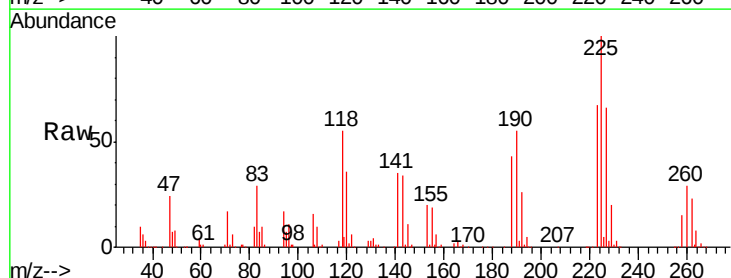
Manual Integrations
APPROVED

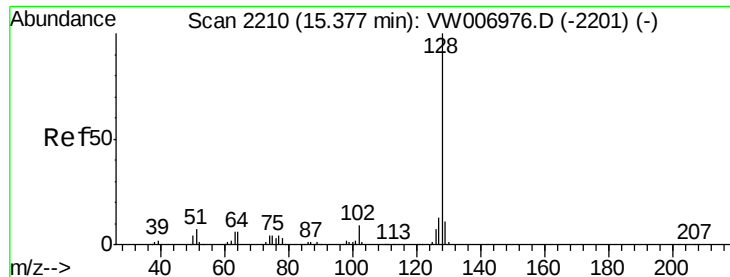
MMDadoda
11/21/2018 11:32:36 AM



#94
Hexachlorobutadiene
Concen: 143.60 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW006979.D
Acq: 20 Nov 2018 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	129042		
223	64.2	32.4	97.0	
227	64.2	31.9	95.5	





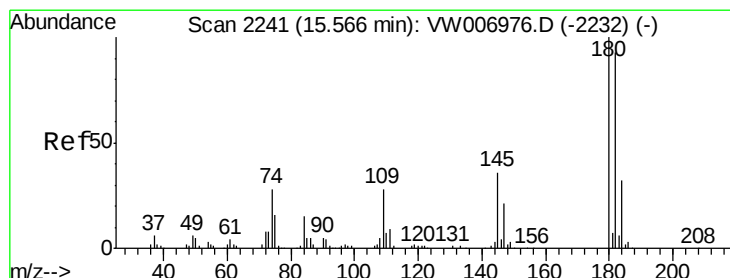
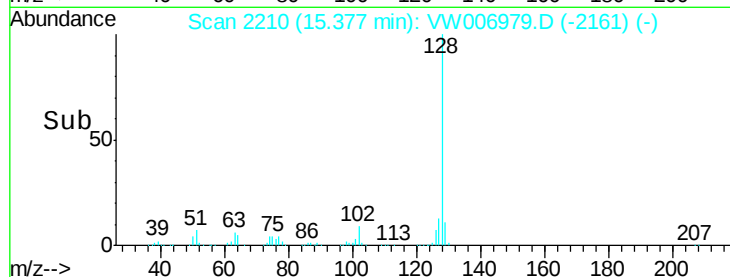
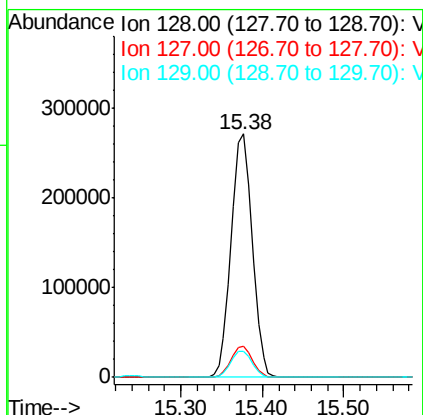
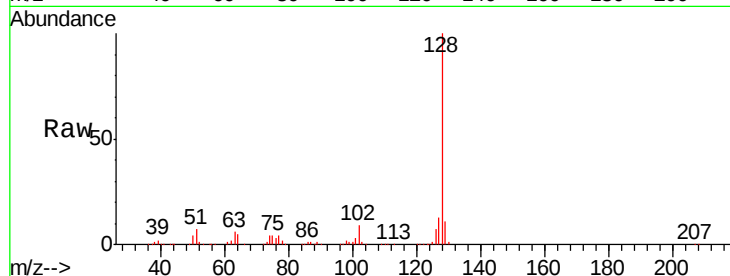
#95
Naphthalene
Concen: 160.87 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006979.D
Acq: 20 Nov 2018 16:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	482699		
127	12.9	10.5	15.7	
129	10.8	8.7	13.1	

Manual Integrations
APPROVED

MMDadoda
11/21/2018 11:32:36 AM



#96
1,2,3-Trichlorobenzene
Concen: 158.51 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006979.D
Acq: 20 Nov 2018 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	217371		
182	94.1	47.0	141.2	
145	35.7	18.0	54.0	

