

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112118\
 Data File : VW006975.D
 Acq On : 20 Nov 2018 14:39
 Operator : SY/AP
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 11/21/2018 11:32:33 AM

Quant Time: Nov 21 03:14:20 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	120711	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	193113	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	180631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	91640	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	25119	21.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.52%	
35) Dibromofluoromethane	7.89	113	21493	19.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.42%	
50) Toluene-d8	10.32	98	94241	19.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.14%	
62) 4-Bromofluorobenzene	12.62	95	37820	19.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	39.92%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	26168	21.96	ug/l	100
3) Chloromethane	2.21	50	20702	20.84	ug/l	100
4) Vinyl Chloride	2.36	62	19708	20.17	ug/l	97
5) Bromomethane	2.78	94	10106	19.38	ug/l	99
6) Chloroethane	2.92	64	10484	19.46	ug/l	92
7) Trichlorofluoromethane	3.26	101	40471	21.06	ug/l	97
8) Diethyl Ether	3.69	74	13600	21.96	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	26338	21.14	ug/l	99
10) Methyl Iodide	4.28	142	26860	18.83	ug/l	99
11) Tert butyl alcohol	5.22	59	8130	107.22	ug/l #	89
12) 1,1-Dichloroethene	4.04	96	21968	20.11	ug/l	95
13) Acrolein	3.91	56	9721	123.04	ug/l	100
14) Allyl chloride	4.68	41	36819	20.32	ug/l	99
15) Acrylonitrile	5.38	53	23959	102.95	ug/l	97
16) Acetone	4.15	43	17407	101.45	ug/l	93
17) Carbon Disulfide	4.38	76	69903	19.79	ug/l	98
18) Methyl Acetate	4.68	43	12482	20.43	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	62539	21.92	ug/l	97
20) Methylene Chloride	4.92	84	32962	19.44	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	26532	20.85	ug/l	95
22) Diisopropyl ether	6.32	45	74888	21.23	ug/l	96
23) Vinyl Acetate	6.26	43	201487	107.57	ug/l	99
24) 1,1-Dichloroethane	6.23	63	43996	20.50	ug/l	99
25) 2-Butanone	7.18	43	30777	104.73	ug/l	99
26) 2,2-Dichloropropane	7.17	77	40457	20.97	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	27377	20.20	ug/l	98
28) Bromochloromethane	7.52	49	15227	18.99	ug/l #	98
29) Tetrahydrofuran	7.54	42	20116	105.69	ug/l	99
30) Chloroform	7.68	83	46155	20.25	ug/l	97
31) Cyclohexane	7.96	56	48797	21.44	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	44100	21.48	ug/l	98
36) 1,1-Dichloropropene	8.09	75	40263	21.34	ug/l	99
37) Ethyl Acetate	7.26	43	14681	21.47	ug/l	98
38) Carbon Tetrachloride	8.07	117	37682	20.85	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	47938	20.30	ug/l	99
40) Benzene	8.33	78	103281	20.28	ug/l	99
41) Methacrylonitrile	7.49	41	9602	22.61	ug/l	89
42) 1,2-Dichloroethane	8.40	62	30123	20.37	ug/l	100
43) Isopropyl Acetate	8.43	43	26859	20.61	ug/l	99
44) Trichloroethene	9.09	130	29381	20.58	ug/l	98
45) 1,2-Dichloropropane	9.37	63	25891	20.62	ug/l	98
46) Dibromomethane	9.46	93	13008	20.69	ug/l	96
47) Bromodichloromethane	9.65	83	35097	21.18	ug/l	99
48) Methyl methacrylate	9.44	41	12197	19.41	ug/l	98
49) 1,4-Dioxane	9.48	88	3731	399.19	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	67331	102.24	ug/l	99
52) Toluene	10.39	92	67531	19.48	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	32508	20.25	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	40289	20.78	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	19265	20.82	ug/l	96
56) Ethyl methacrylate	10.65	69	21136	19.68	ug/l	98
57) 1,3-Dichloropropane	10.93	76	31834	20.53	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	61158	108.98	ug/l	99
59) 2-Hexanone	10.97	43	46509	103.13	ug/l	99
60) Dibromochloromethane	11.13	129	21768	20.65	ug/l	100
61) 1,2-Dibromoethane	11.24	107	17298	20.44	ug/l	98
64) Tetrachloroethene	10.87	164	22807	19.63	ug/l	95
65) Chlorobenzene	11.66	112	75022	19.90	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	23476	20.58	ug/l	99
67) Ethyl Benzene	11.73	91	138214	19.96	ug/l	98
68) m/p-Xylenes	11.84	106	109980	40.48	ug/l	98
69) o-Xylene	12.17	106	51374	20.05	ug/l	100
70) Styrene	12.18	104	81520	19.99	ug/l	100
71) Bromoform	12.35	173	11037	20.54	ug/l #	100
73) Isopropylbenzene	12.47	105	140744	19.76	ug/l	99
74) N-amyl acetate	12.27	43	23579	19.75	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	19233	20.29	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	14959m	12.61	ug/l	
77) Bromobenzene	12.75	156	30891	20.19	ug/l	96
78) n-propylbenzene	12.81	91	170492	19.76	ug/l	99
79) 2-Chlorotoluene	12.90	91	97710	19.64	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	121339	19.70	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	5624	19.61	ug/l	94
82) 4-Chlorotoluene	12.99	91	102972	19.73	ug/l	100
83) tert-Butylbenzene	13.21	119	104970	19.69	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	122005	19.88	ug/l	99
85) sec-Butylbenzene	13.39	105	150134	19.93	ug/l	99
86) p-Isopropyltoluene	13.50	119	132551	19.95	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	61965	19.84	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	62544	20.09	ug/l	98
89) n-Butylbenzene	13.83	91	123072	19.68	ug/l	100
90) Hexachloroethane	14.10	117	18206	18.76	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	55097	20.13	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3341	20.87	ug/l	90

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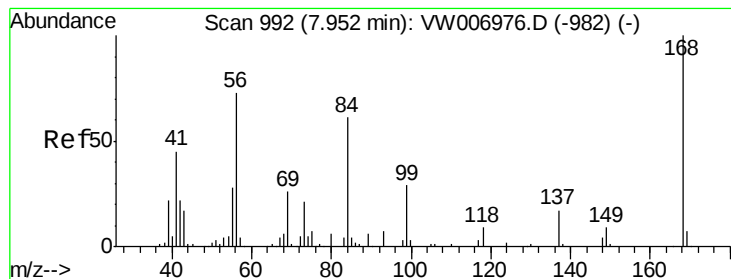
Manual Integrations
APPROVED

MMDadoda
11/21/2018 11:32:33 AM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	35100	19.45	ug/l	99
94) Hexachlorobutadiene	15.24	225	19278	19.65	ug/l	98
95) Naphthalene	15.38	128	63145	19.28	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	29391	19.63	ug/l	98

(#) = 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: VW006975.D

Acq: 20 Nov 2018 14:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tgt Ion:168 Resp: 120711

Ion Ratio Lower Upper

168 100

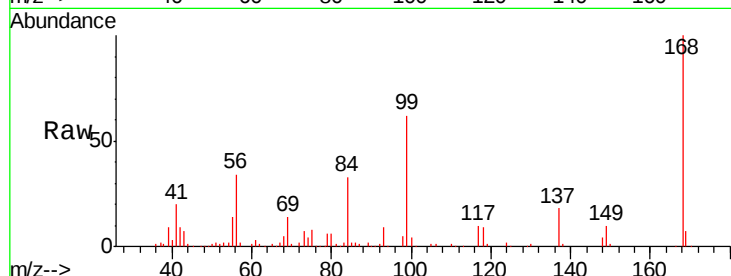
99 61.9 48.2 72.4

Manual Integrations

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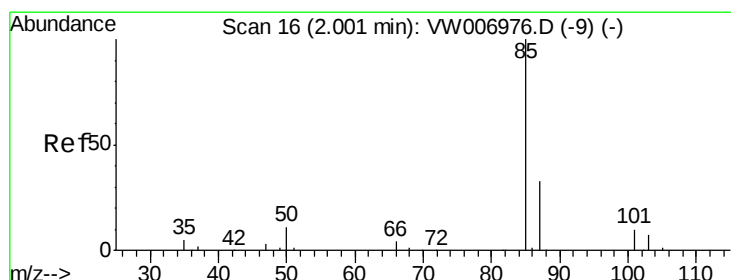
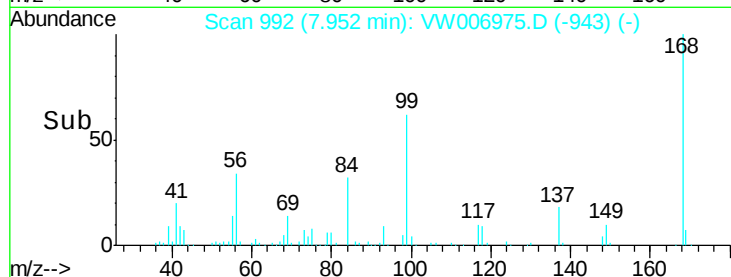
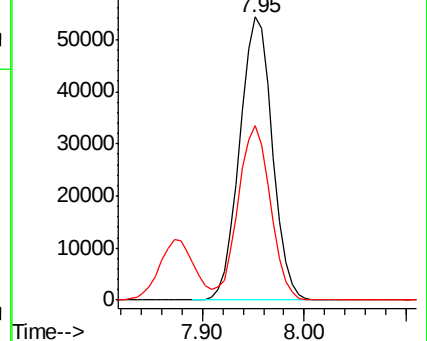
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 21.96 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW006975.D

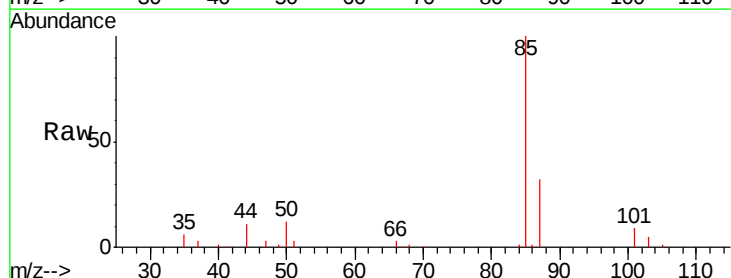
Acq: 20 Nov 2018 14:39

Tgt Ion: 85 Resp: 26168

Ion Ratio Lower Upper

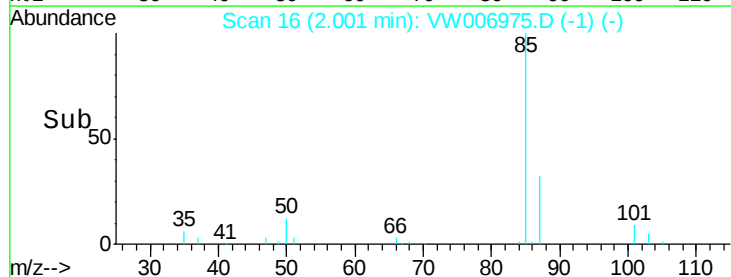
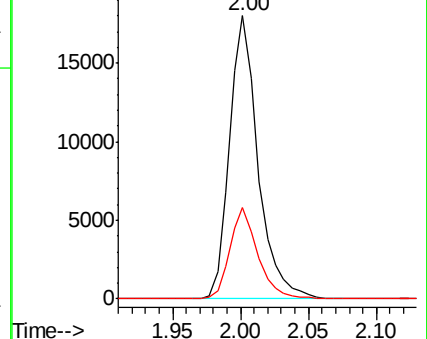
85 100

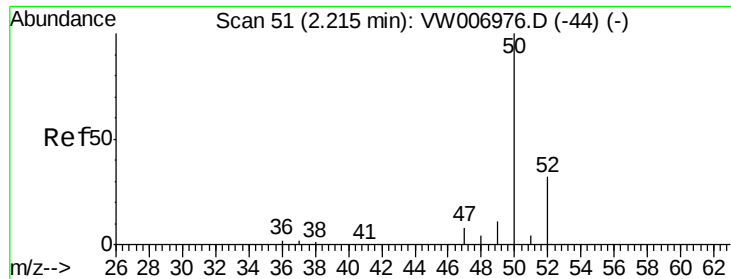
87 32.4 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 20.84 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tgt Ion: 50 Resp: 20702

Ion Ratio Lower Upper

50 100

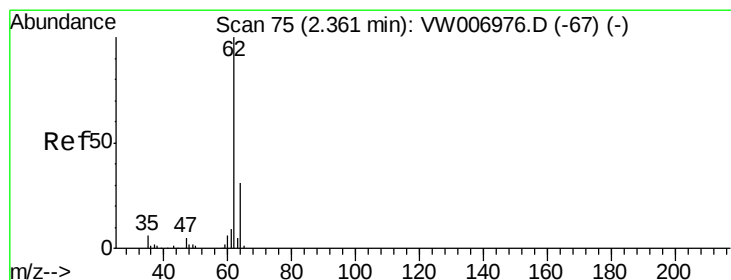
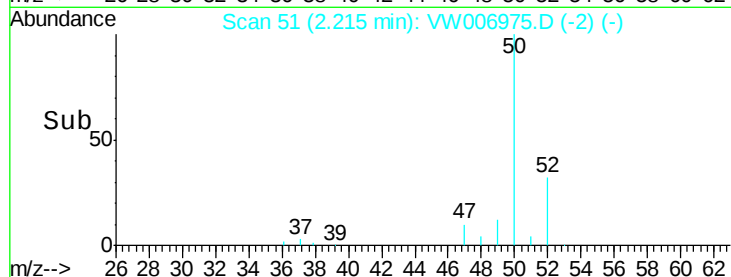
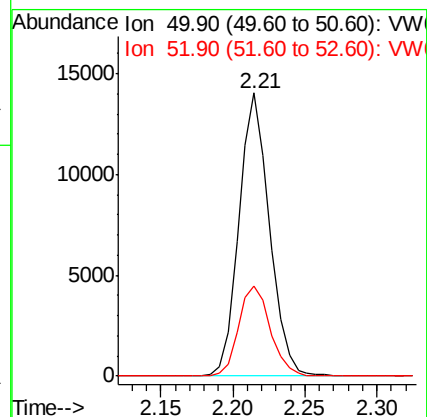
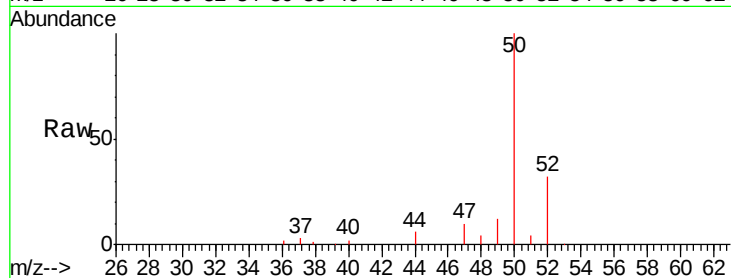
52 31.9 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.17 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW006975.D

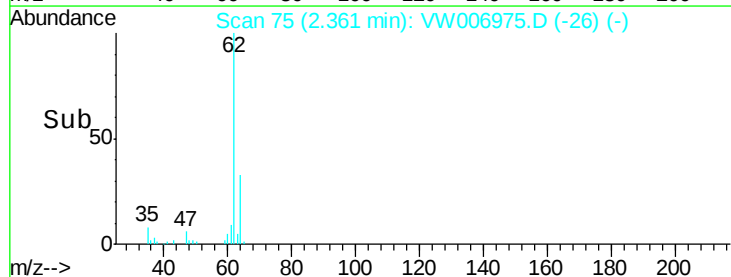
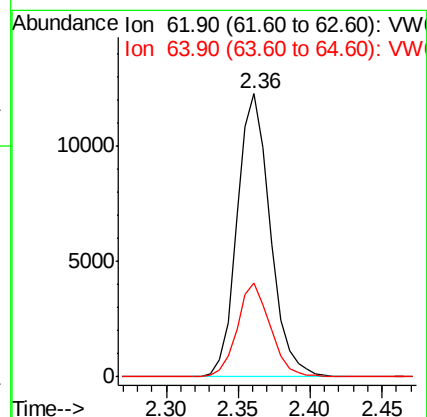
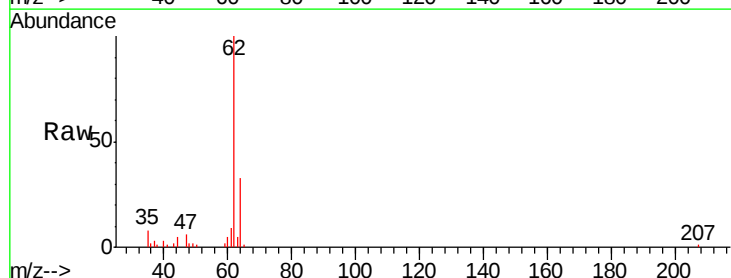
Acq: 20 Nov 2018 14:39

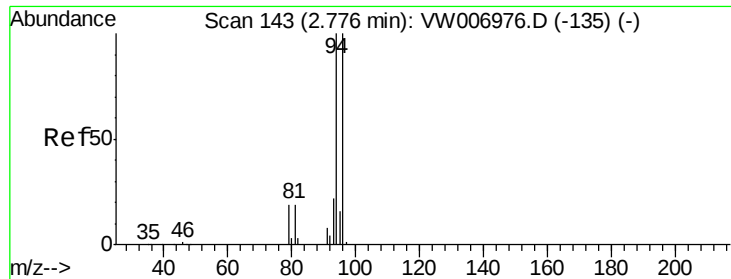
Tgt Ion: 62 Resp: 19708

Ion Ratio Lower Upper

62 100

64 33.3 25.2 37.8





#5

Bromomethane

Concen: 19.38 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tgt Ion: 94 Resp: 10106

Ion Ratio Lower Upper

94 100

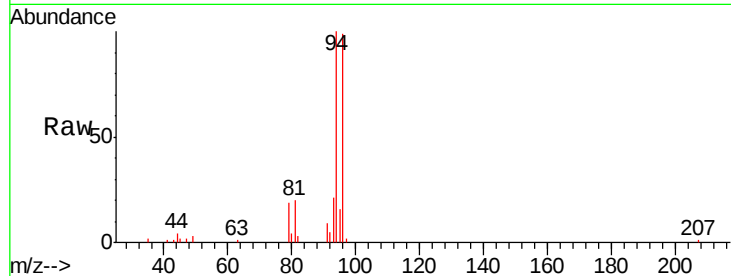
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Manual Integrations

APPROVED

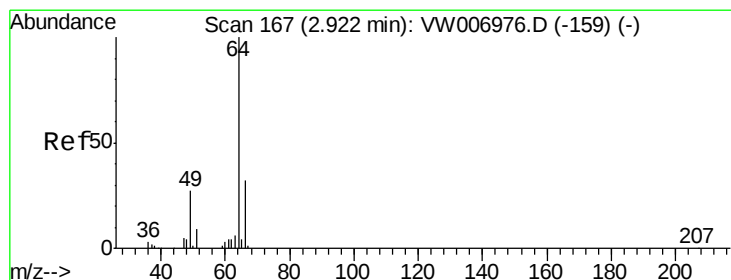
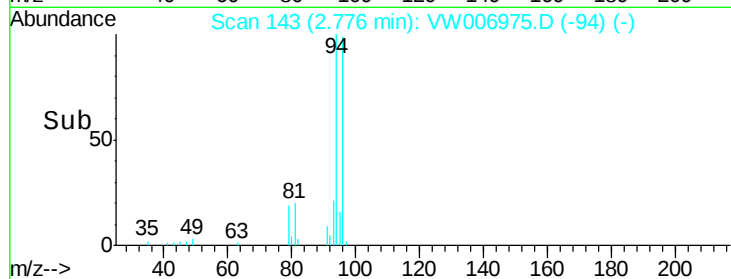
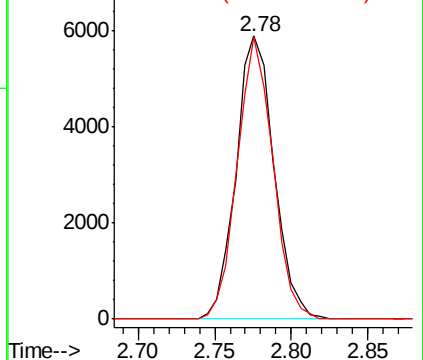
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 19.46 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW006975.D

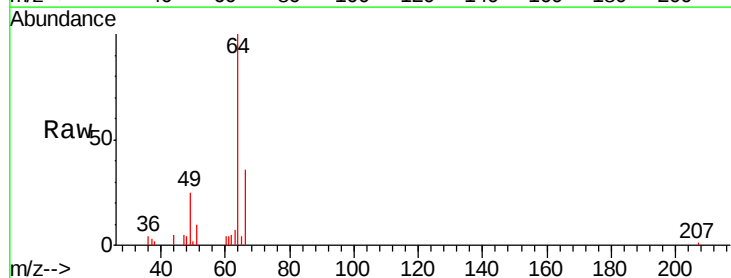
Acq: 20 Nov 2018 14:39

Tgt Ion: 64 Resp: 10484

Ion Ratio Lower Upper

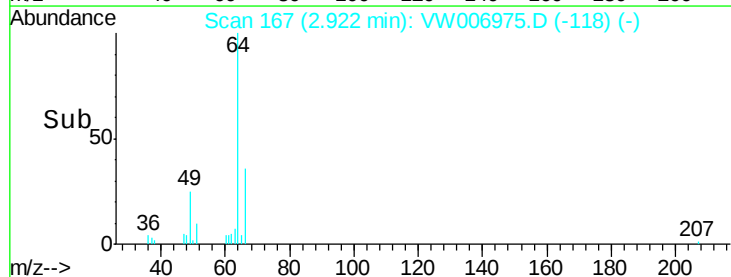
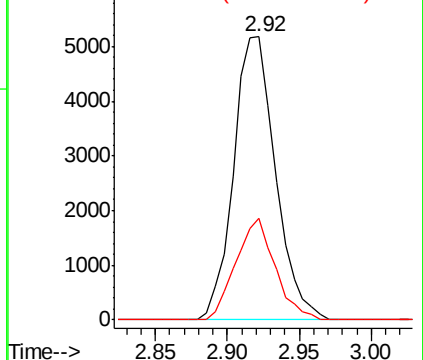
64 100

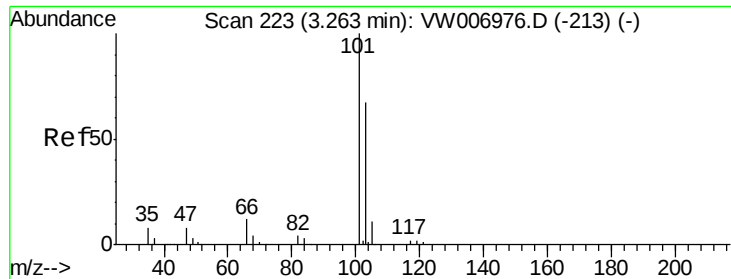
66 35.8 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

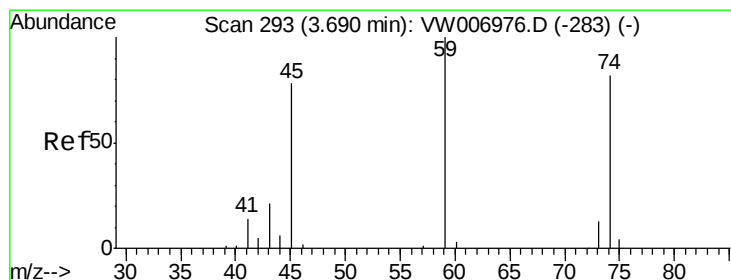
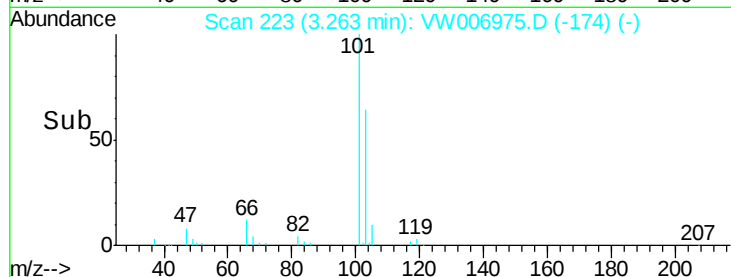
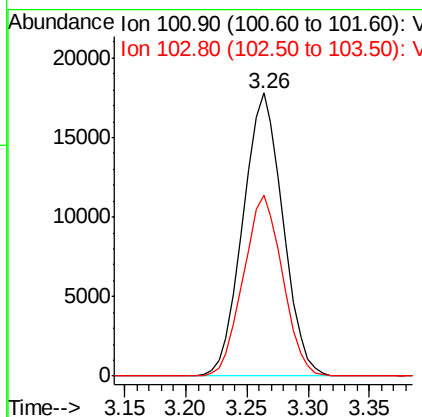
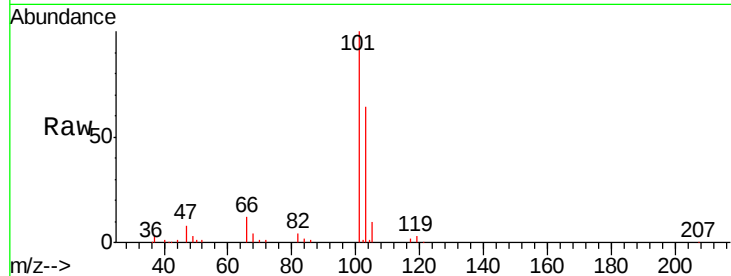
Trichlorofluoromethane
 Concen: 21.06 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW006975.D
 Acq: 20 Nov 2018 14:39

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Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.1	53.4	80.2

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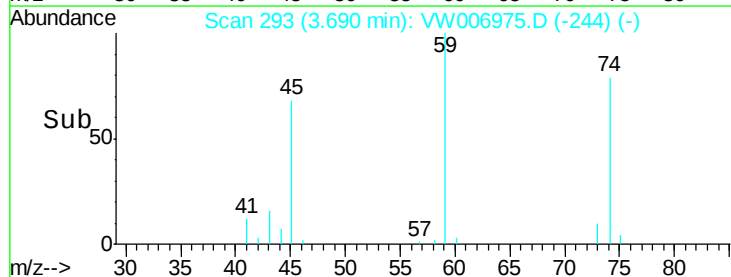
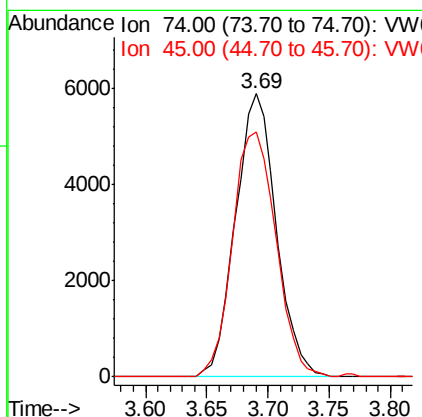
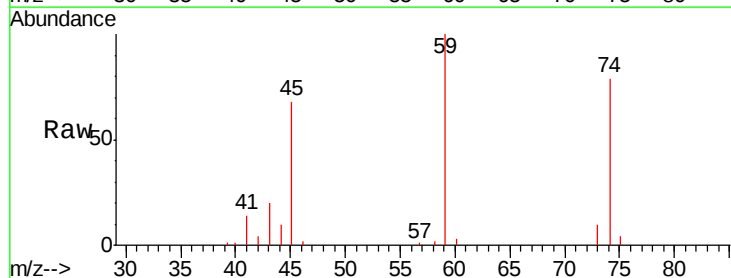
MMDadoda
 11/21/2018 11:32:33 AM

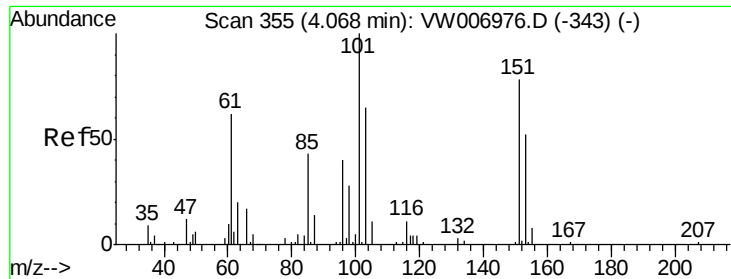


#8

Diethyl Ether
 Concen: 21.96 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VW006975.D
 Acq: 20 Nov 2018 14:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.2	48.4	145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.14 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

Instrument :

MSVOA_W

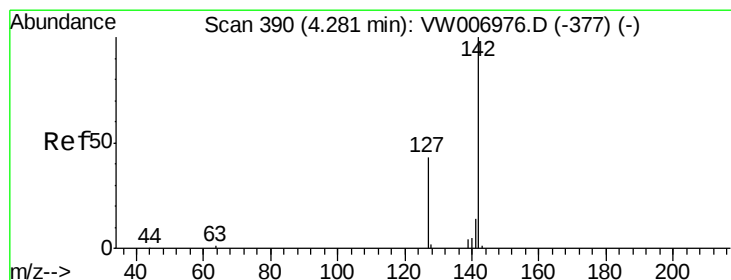
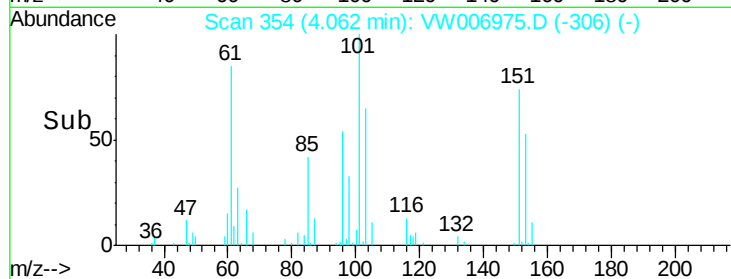
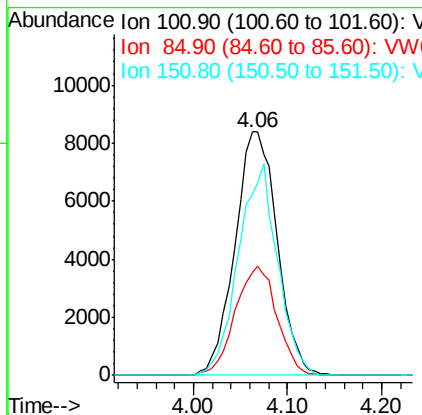
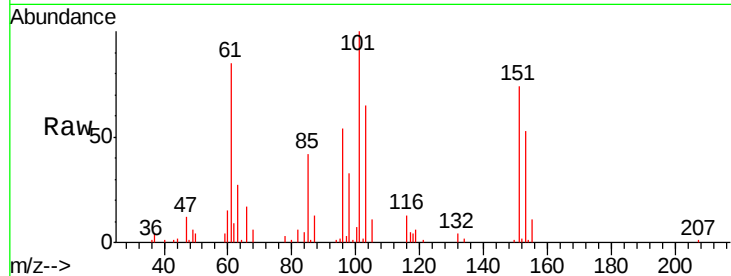
ClientSampleId :

VSTDIC020

Tgt Ion:	101	Resp:	26338
Ion Ratio	Lower	Upper	
101	100		
85	44.1	34.3	51.5
151	80.4	63.4	95.2

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#10

Methyl Iodide

Concen: 18.83 ug/l

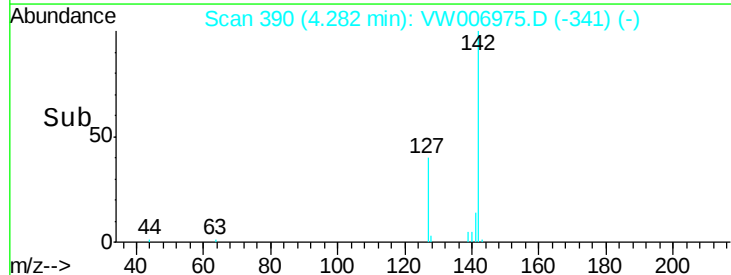
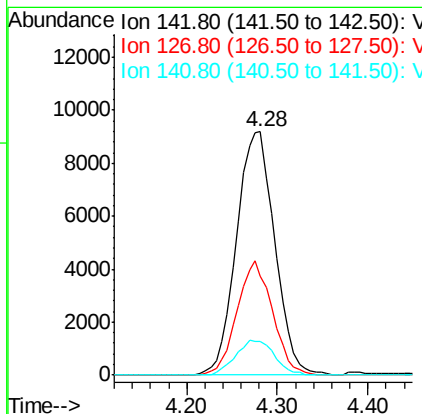
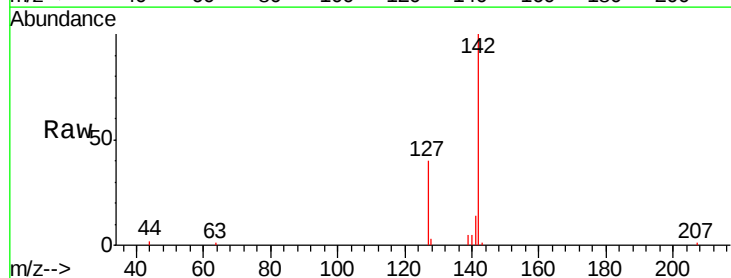
RT: 4.28 min Scan# 390

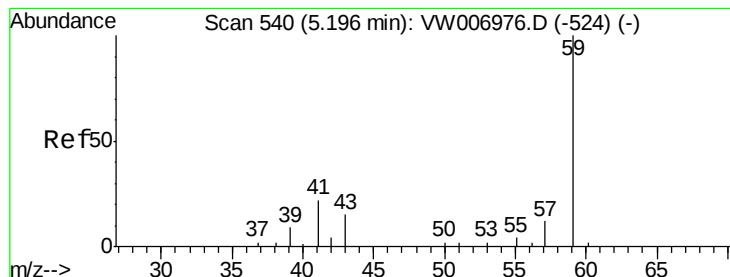
Delta R.T. 0.00 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

Tgt Ion:	142	Resp:	26860
Ion Ratio	Lower	Upper	
142	100		
127	43.6	35.3	52.9
141	14.3	11.7	17.5





#11

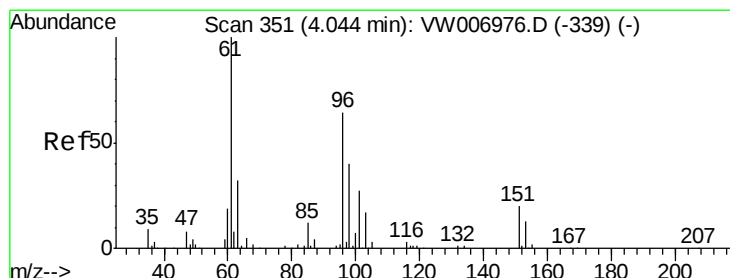
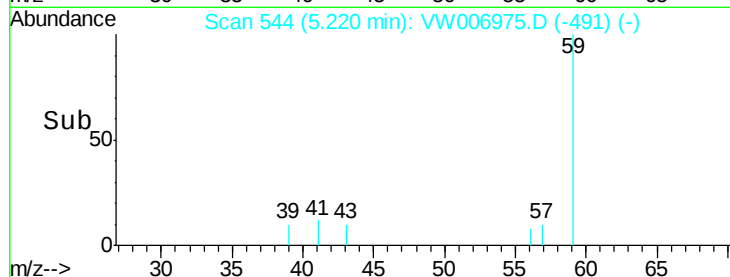
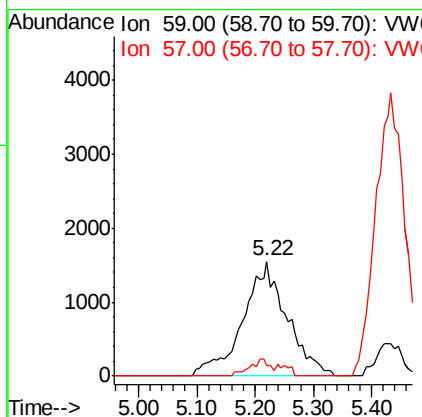
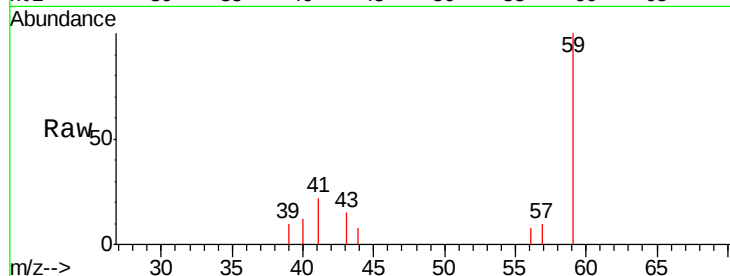
Tert butyl alcohol
 Concen: 107.22 ug/l
 RT: 5.22 min Scan# 544
 Delta R.T. 0.02 min
 Lab File: VW006975.D
 Acq: 20 Nov 2018 14:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
59	100		
57	6.8	8.6	13.0#

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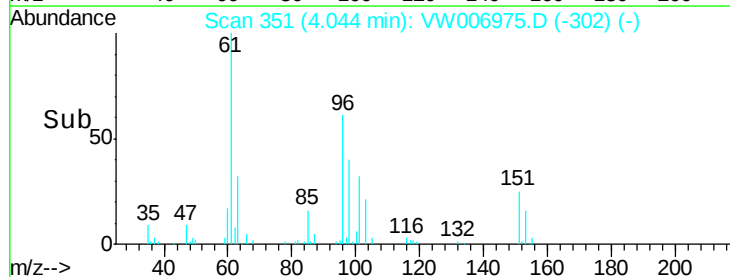
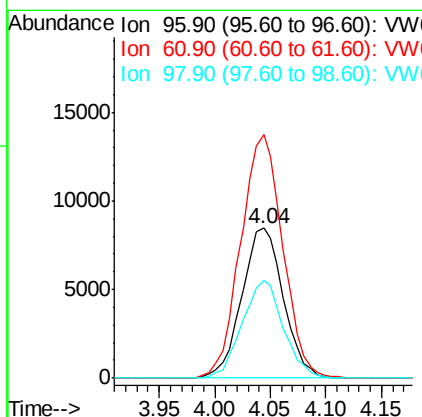
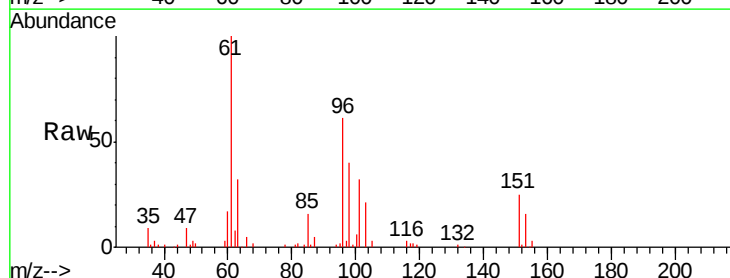
MMDadoda
 11/21/2018 11:32:33 AM

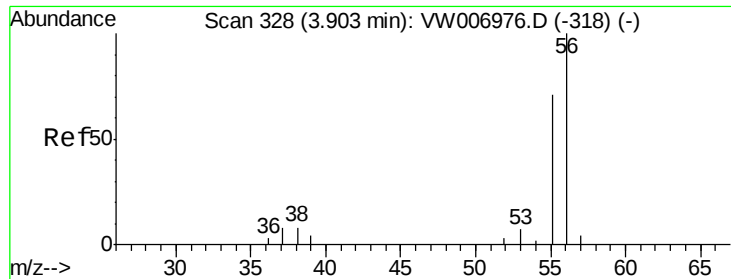


#12

1,1-Dichloroethene
 Concen: 20.11 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VW006975.D
 Acq: 20 Nov 2018 14:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.7	124.3	186.5
98	65.6	49.4	74.2





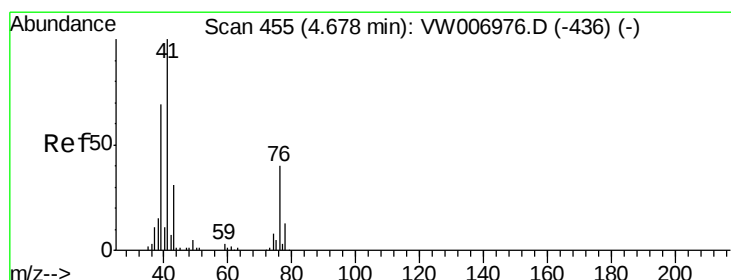
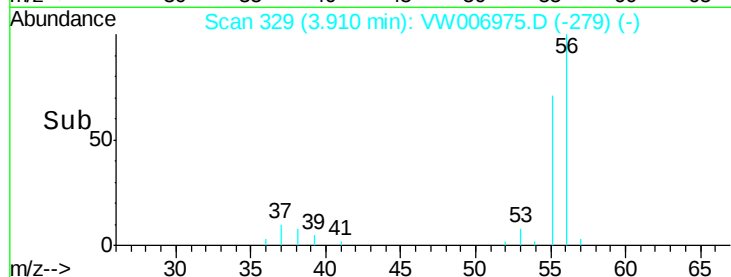
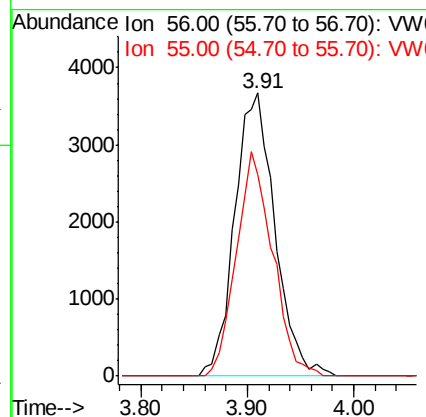
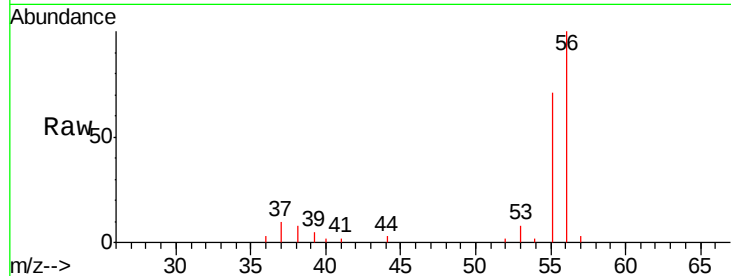
#13
Acrolein
Concen: 123.04 ug/l
RT: 3.91 min Scan# 329
Delta R.T. 0.01 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion: 56 Resp: 9721
Ion Ratio Lower Upper
56 100
55 71.8 57.5 86.3

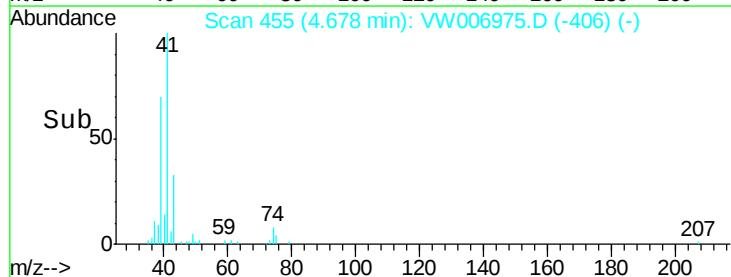
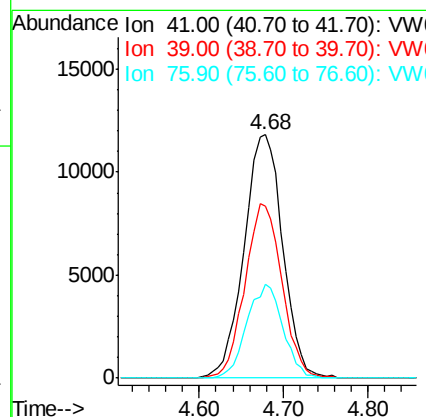
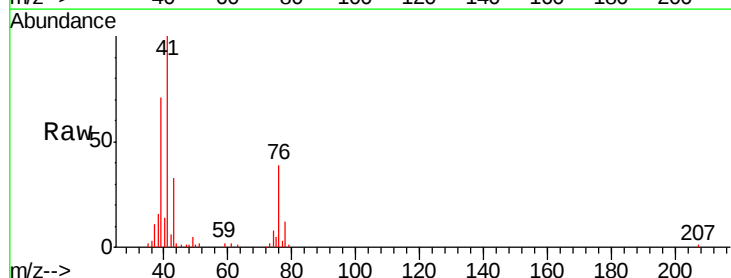
Manual Integrations
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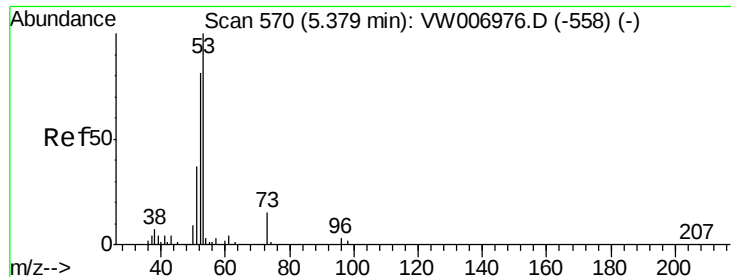
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#14
Allyl chloride
Concen: 20.32 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Tgt Ion: 41 Resp: 36819
Ion Ratio Lower Upper
41 100
39 68.4 55.4 83.2
76 35.8 29.6 44.4





#15

Acrylonitrile

Concen: 102.95 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.01 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

Instrument :

MSVOA_W

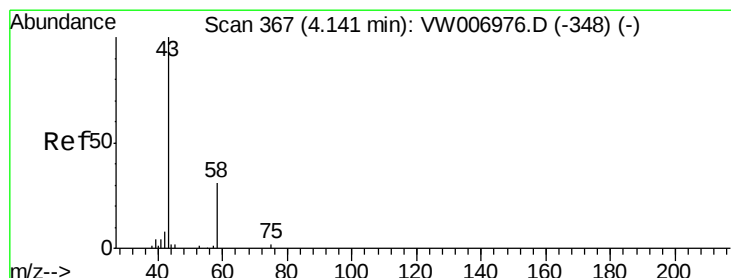
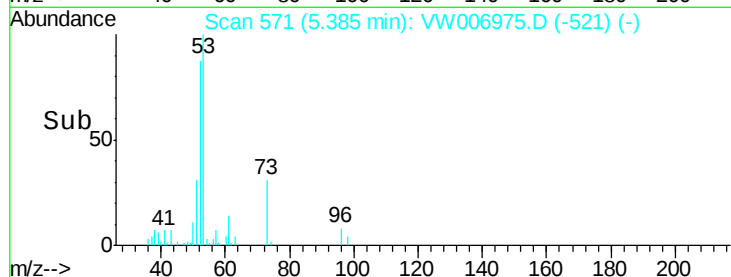
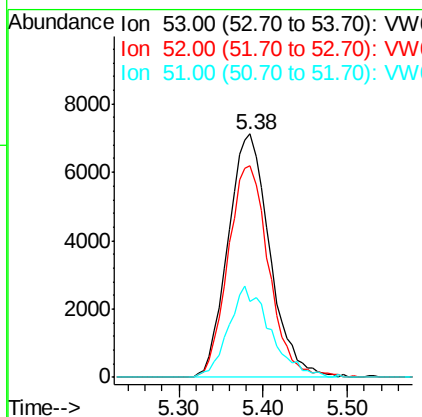
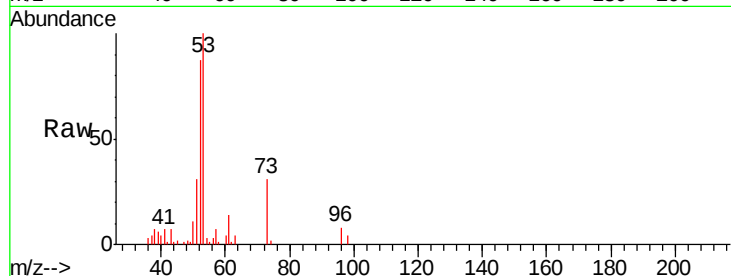
ClientSampleId :

VSTDIC020

Tgt Ion:	53	Resp:	23959
Ion	Ratio	Lower	Upper
53	100		
52	85.3	65.7	98.5
51	37.5	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 101.45 ug/l

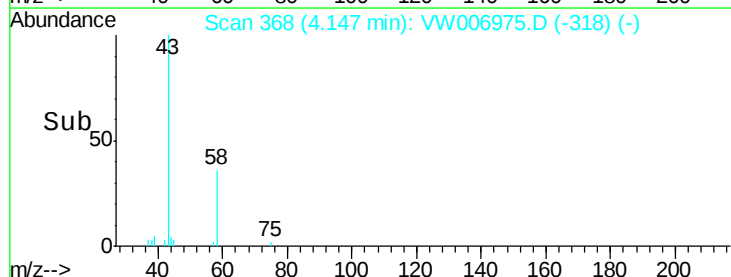
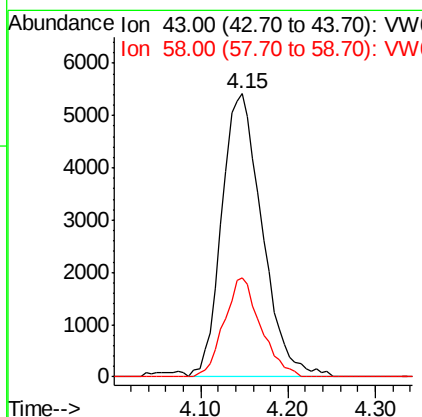
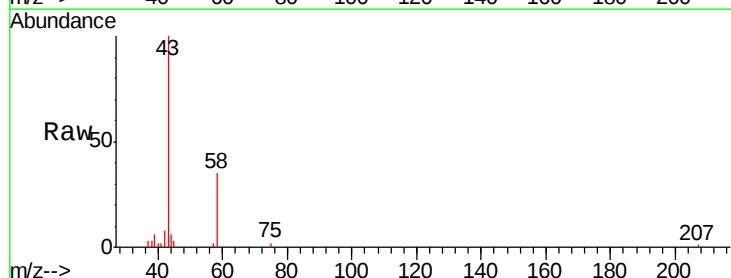
RT: 4.15 min Scan# 368

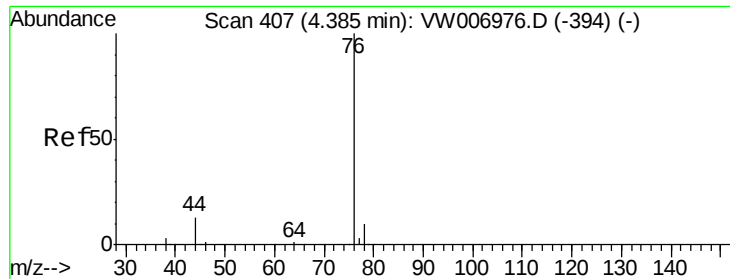
Delta R.T. 0.01 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

Tgt Ion:	43	Resp:	17407
Ion	Ratio	Lower	Upper
43	100		
58	35.1	24.8	37.2





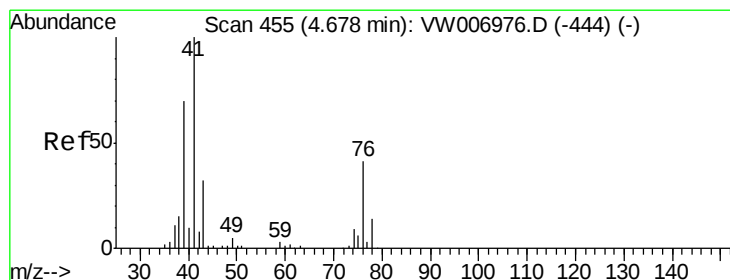
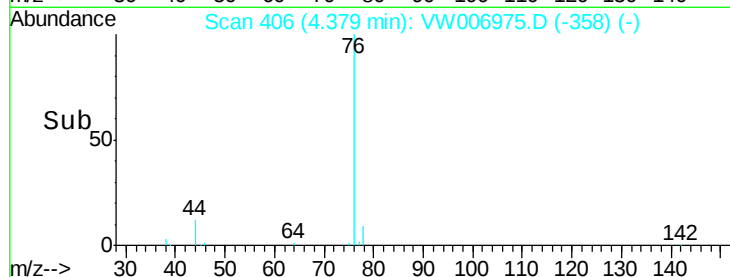
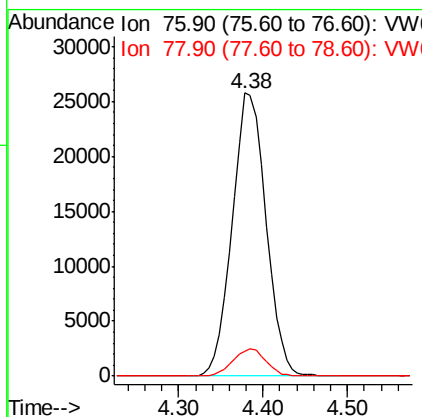
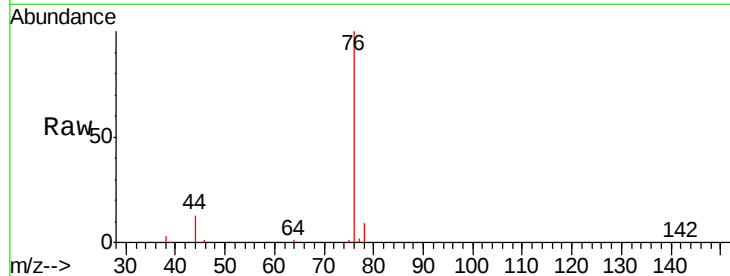
#17
Carbon Disulfide
Concen: 19.79 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion: 76 Resp: 69903
Ion Ratio Lower Upper
76 100
78 8.9 7.8 11.6

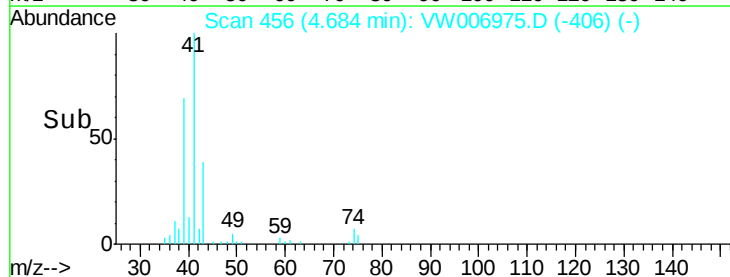
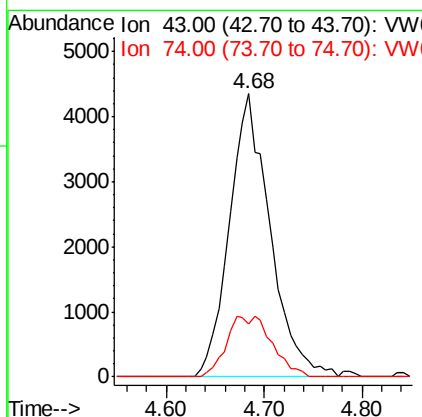
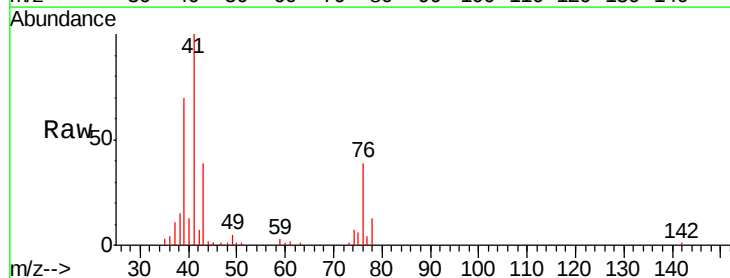
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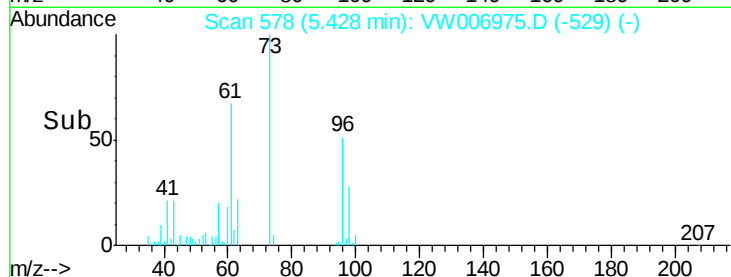
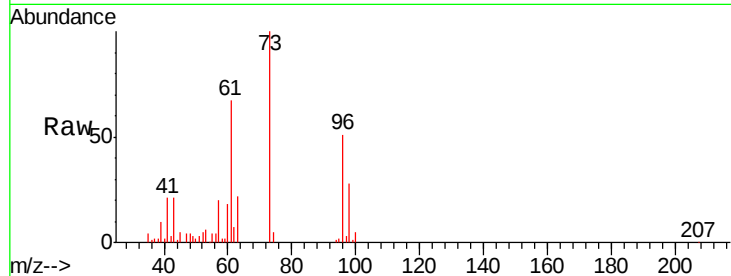
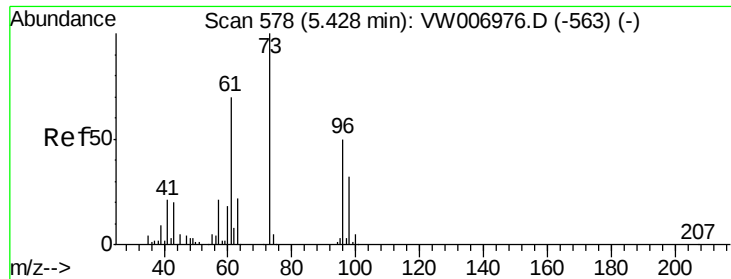
MMDadoda
11/21/2018 11:32:33 AM



#18
Methyl Acetate
Concen: 20.43 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Tgt Ion: 43 Resp: 12482
Ion Ratio Lower Upper
43 100
74 24.1 20.1 30.1





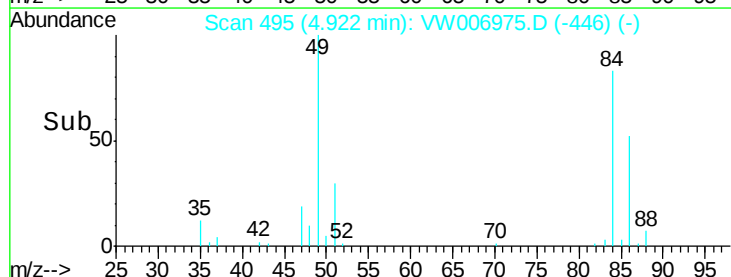
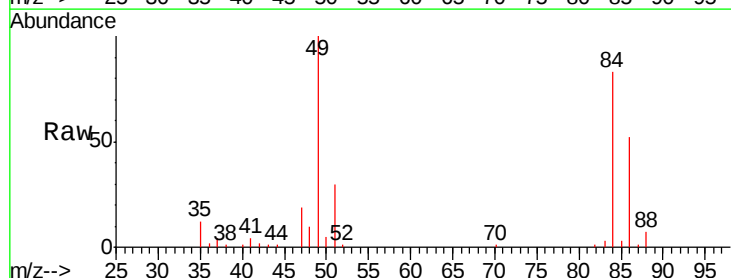
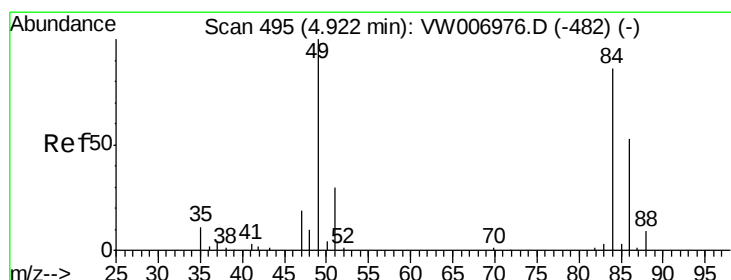
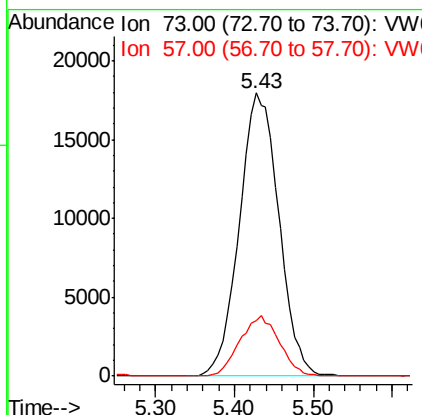
#19
Methyl tert-butyl Ether
Concen: 21.92 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Tgt Ion: 73 Resp: 62539
Ion Ratio Lower Upper
73 100
57 19.6 16.7 25.1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

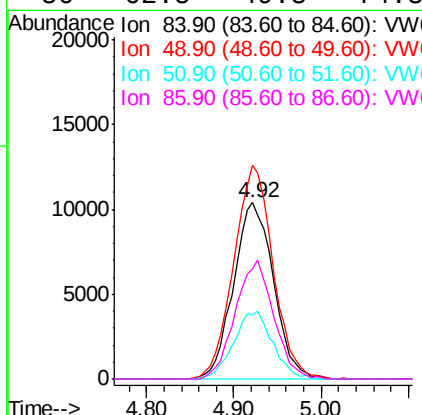
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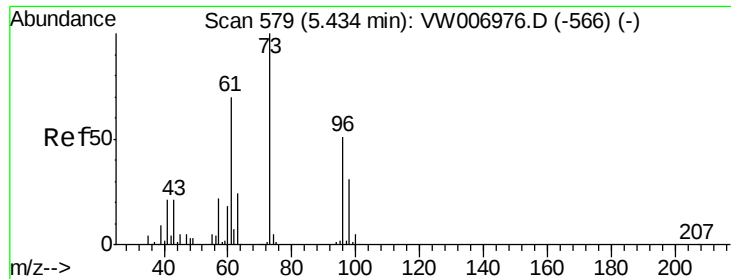
MMDadoda
11/21/2018 11:32:33 AM



#20
Methylene Chloride
Concen: 19.44 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Tgt Ion: 84 Resp: 32962
Ion Ratio Lower Upper
84 100
49 121.0 93.4 140.0
51 36.2 28.4 42.6
86 62.5 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 20.85 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

Instrument :

MSVOA_W

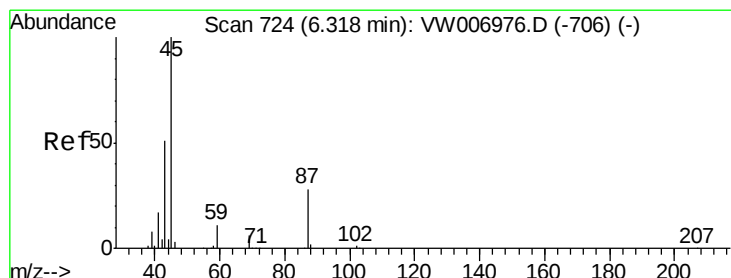
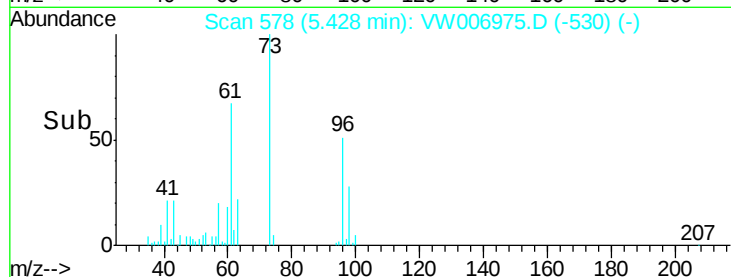
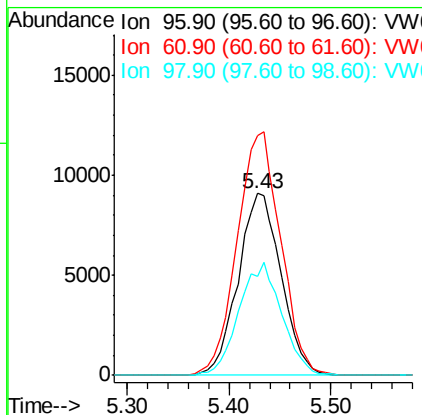
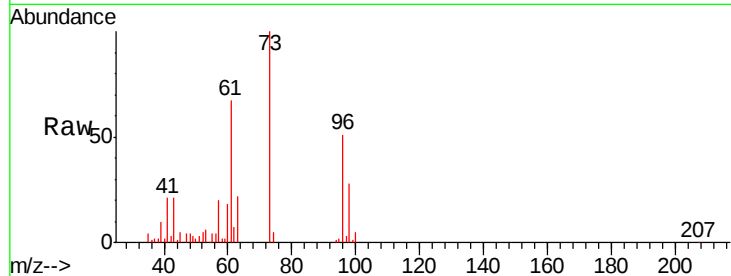
ClientSampleId :

VSTDIC020

Tgt Ion:	96	Resp:	26532
Ion	Ratio	Lower	Upper
96	100		
61	131.8	109.4	164.0
98	54.6	48.3	72.5

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#22

Diisopropyl ether

Concen: 21.23 ug/l

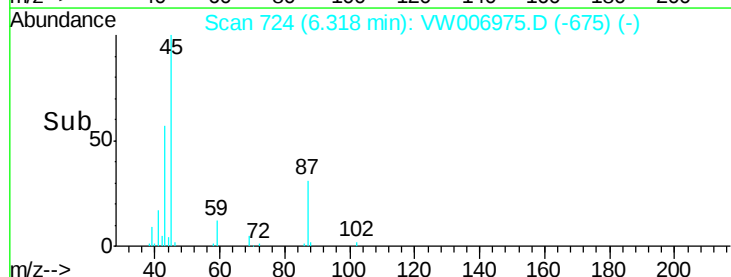
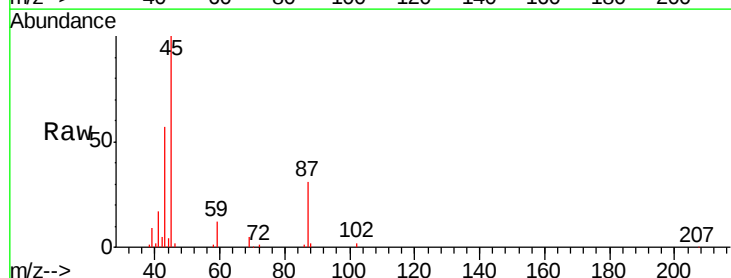
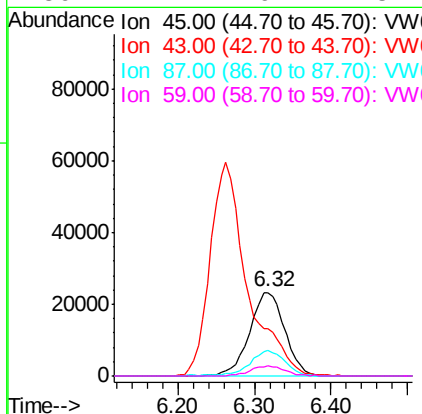
RT: 6.32 min Scan# 724

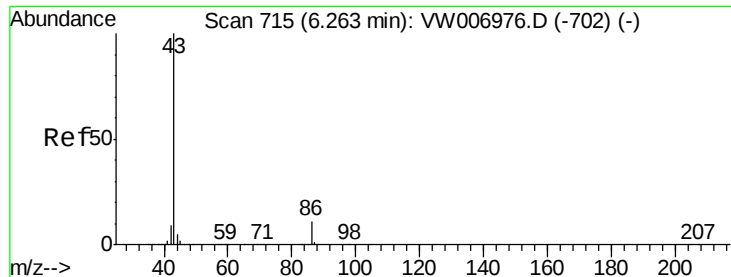
Delta R.T. 0.00 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

Tgt Ion:	45	Resp:	74888
Ion	Ratio	Lower	Upper
45	100		
43	56.2	42.5	63.7
87	30.5	22.8	34.2
59	12.1	9.1	13.7





#23

Vinyl Acetate

Concen: 107.57 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 201487

Ion Ratio Lower Upper

43 100

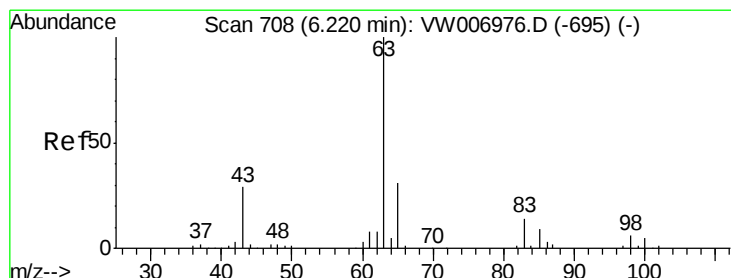
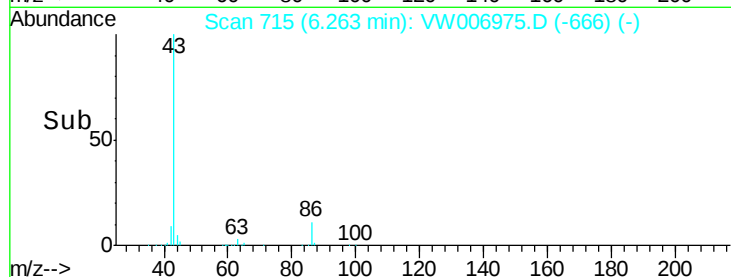
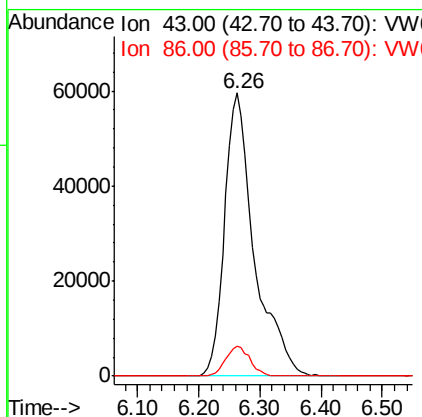
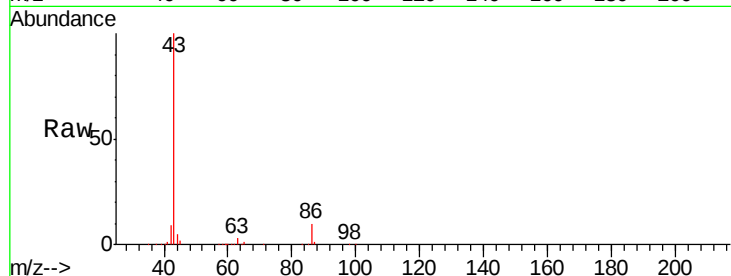
86 10.5 8.7 13.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.50 ug/l

RT: 6.23 min Scan# 709

Delta R.T. 0.01 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

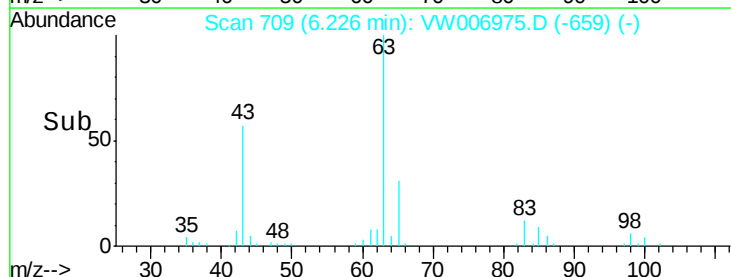
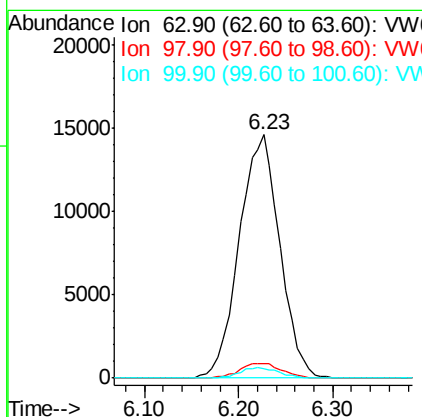
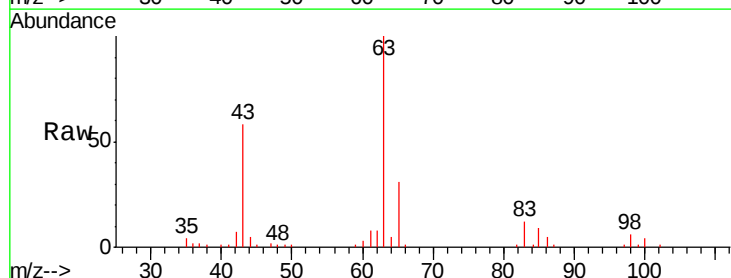
Tgt Ion: 63 Resp: 43996

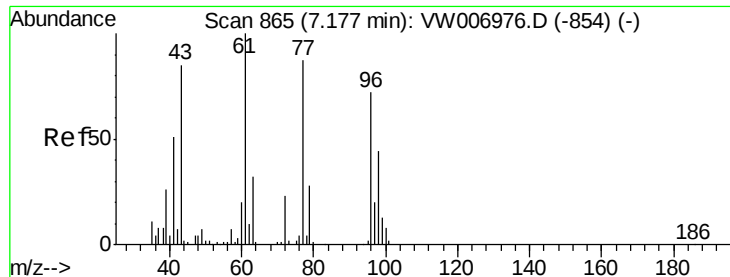
Ion Ratio Lower Upper

63 100

98 6.0 3.1 9.4

100 3.9 2.3 6.9





#25

2-Butanone

Concen: 104.73 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 30777

Ion Ratio Lower Upper

43 100

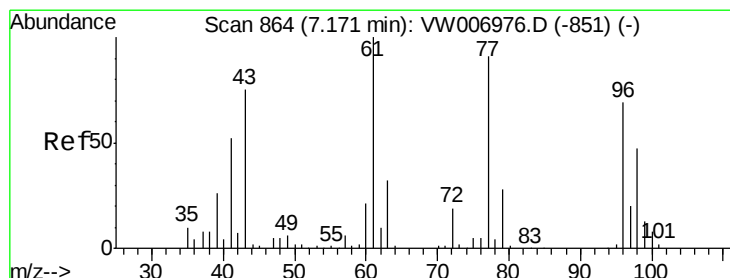
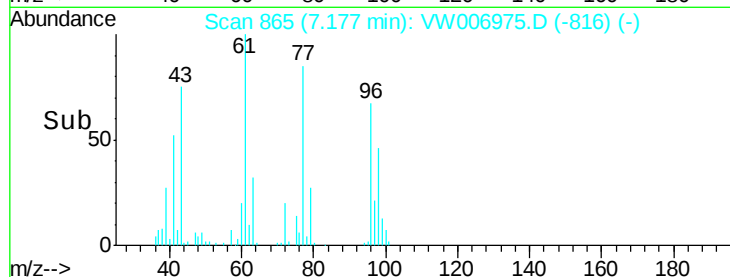
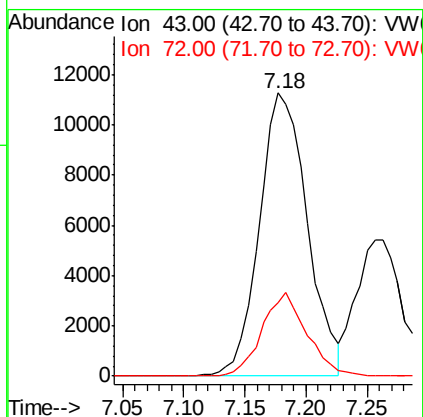
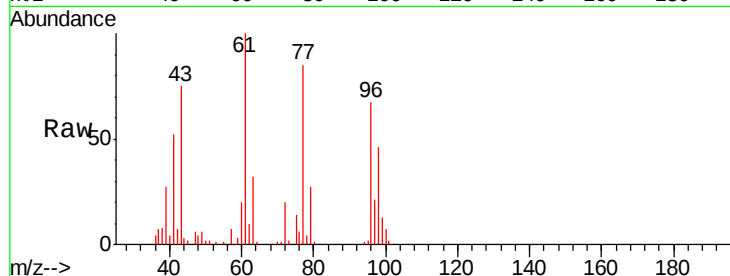
72 26.1 21.3 31.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.97 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006975.D

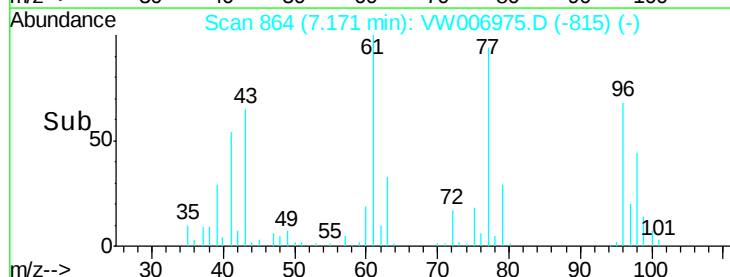
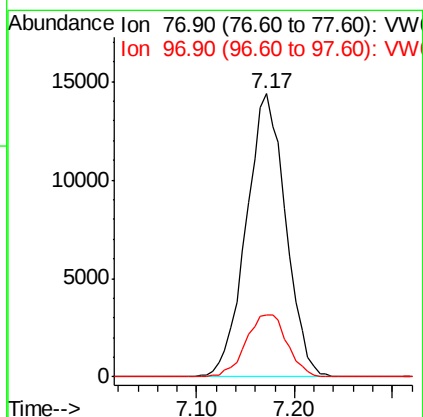
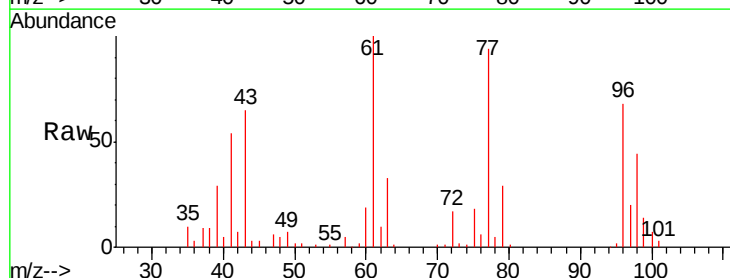
Acq: 20 Nov 2018 14:39

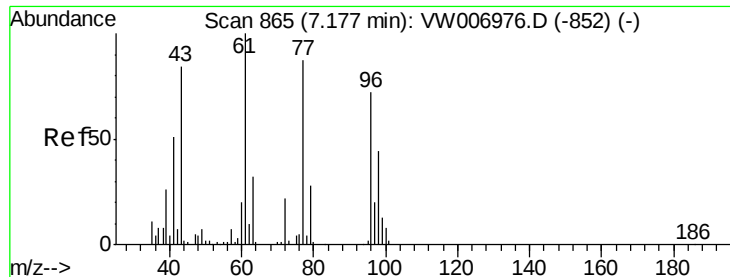
Tgt Ion: 77 Resp: 40457

Ion Ratio Lower Upper

77 100

97 22.8 11.4 34.1





#27

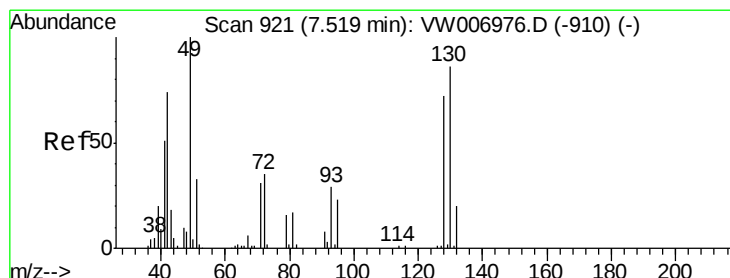
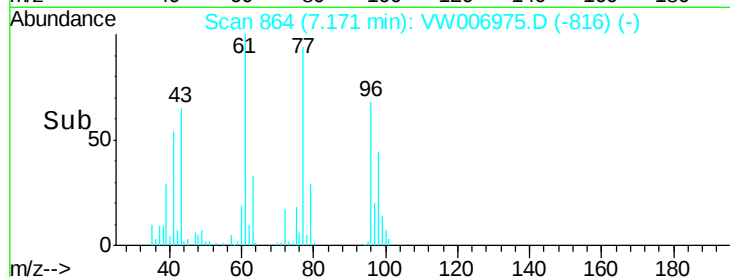
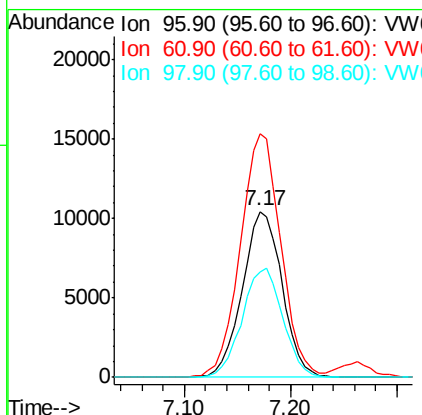
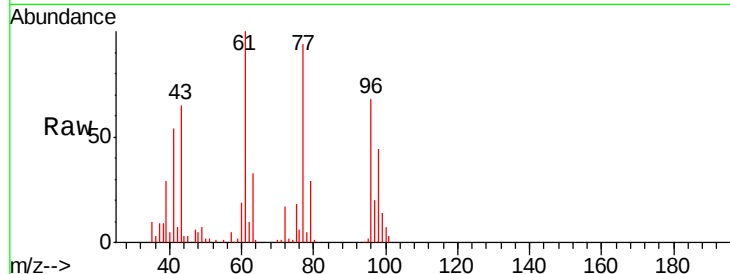
cis-1,2-Dichloroethene
Concen: 20.20 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.3	0.0	292.6
98	67.0	0.0	129.8

Manual Integrations
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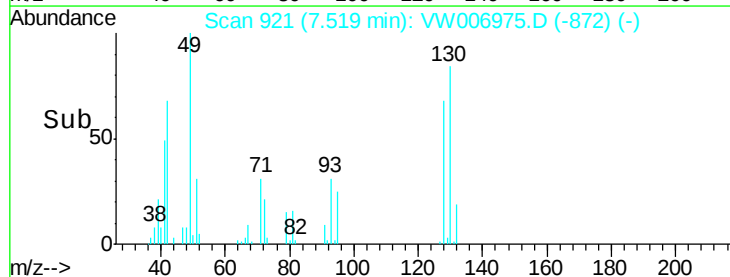
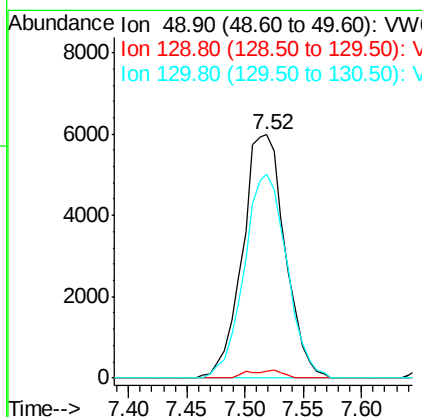
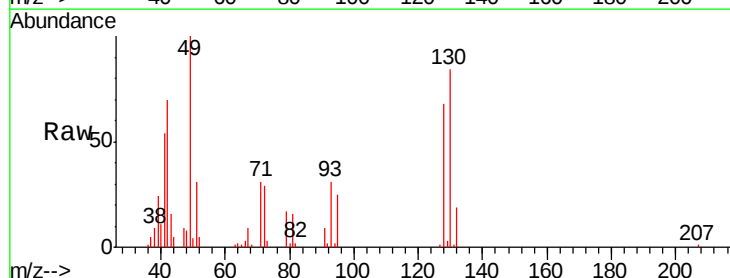
MMDadoda
11/21/2018 11:32:33 AM

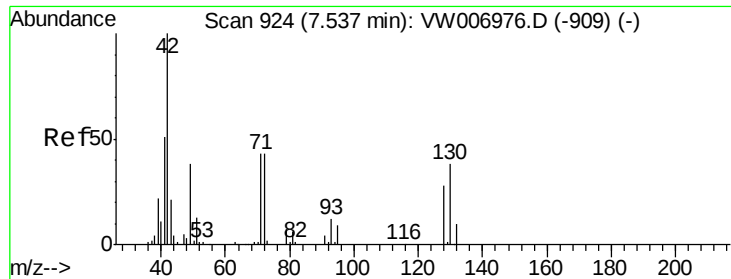


#28

Bromochloromethane
Concen: 18.99 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	2.0#
130	84.2	69.0	103.4





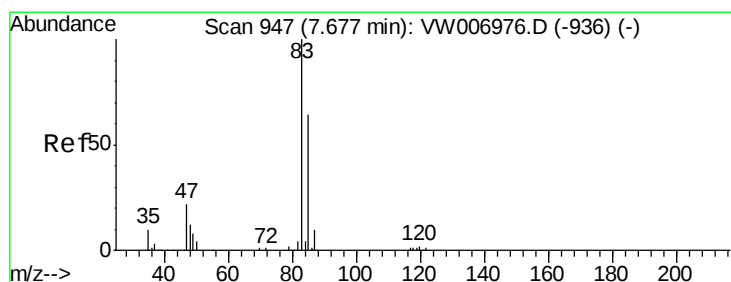
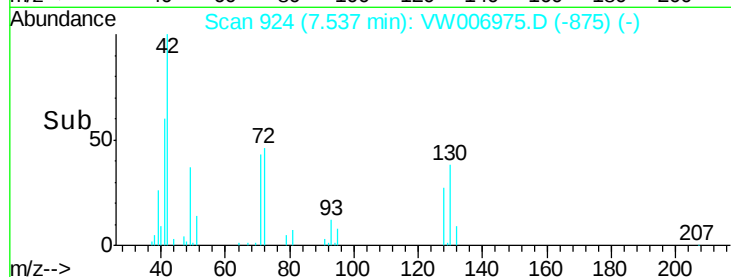
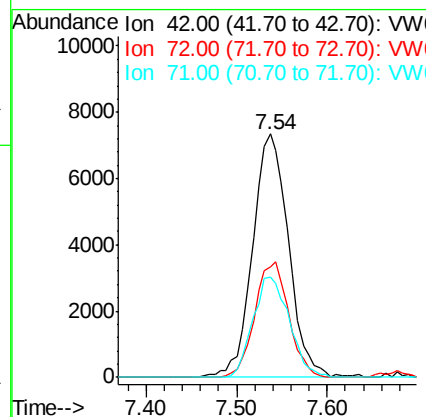
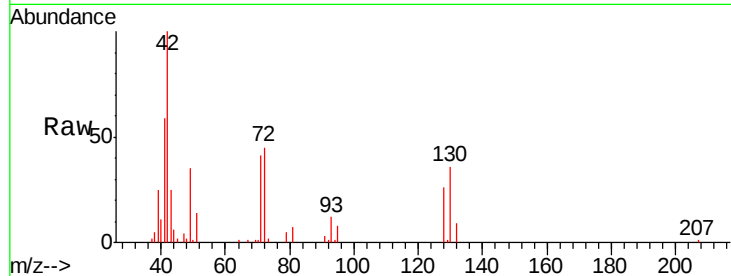
#29
Tetrahydrofuran
Concen: 105.69 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
42	100		
72	44.9	36.2	54.4
71	41.6	33.8	50.8

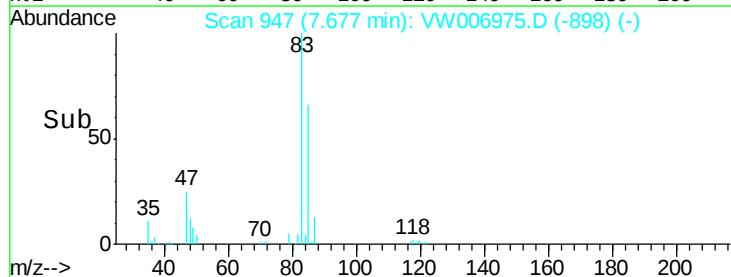
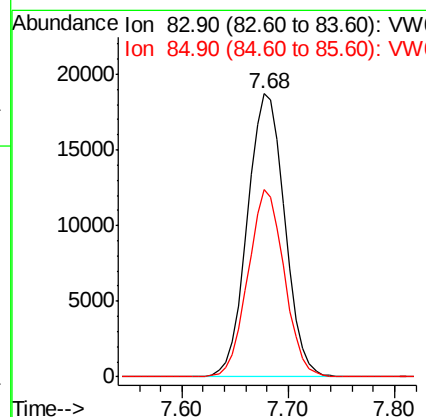
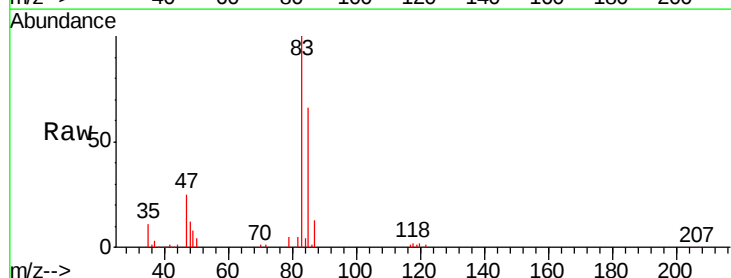
Manual Integrations
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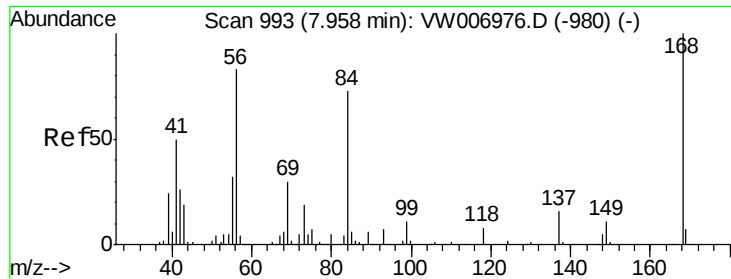
MMDadoda
11/21/2018 11:32:33 AM



#30
Chloroform
Concen: 20.25 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	50.9	76.3





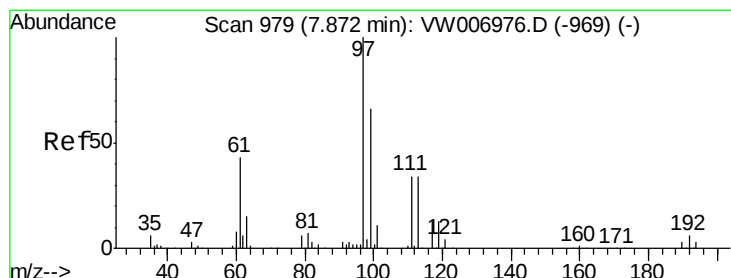
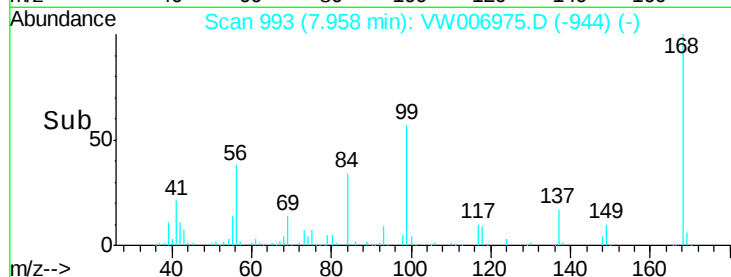
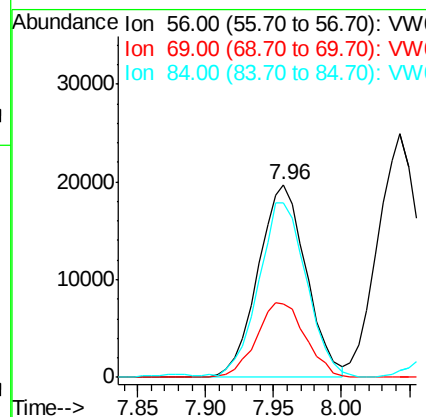
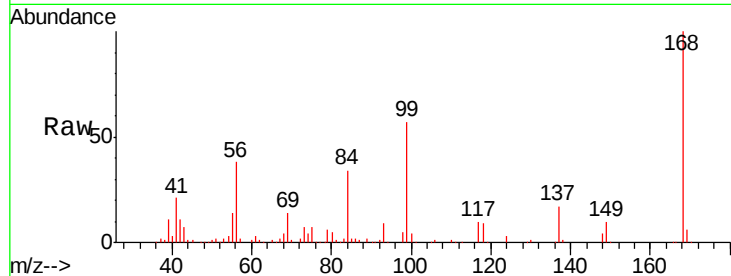
#31
Cyclohexane
Concen: 21.44 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
56	100		
69	37.8	29.1	43.7
84	89.6	70.6	105.8

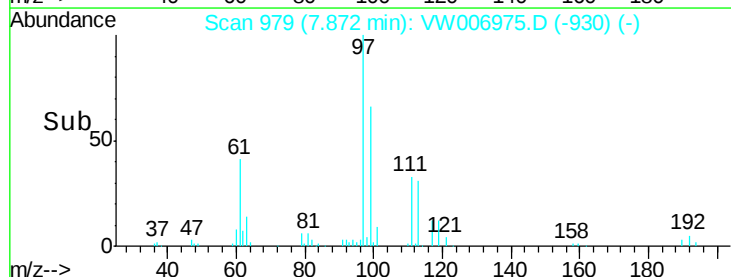
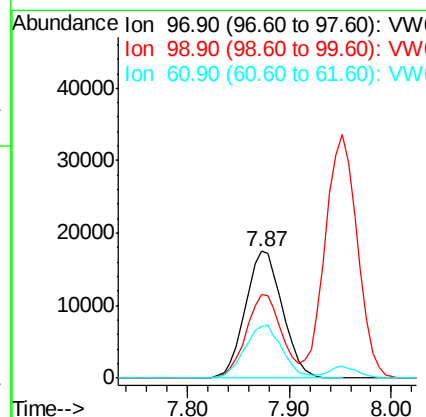
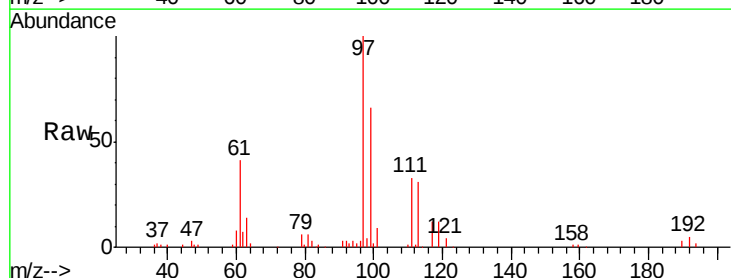
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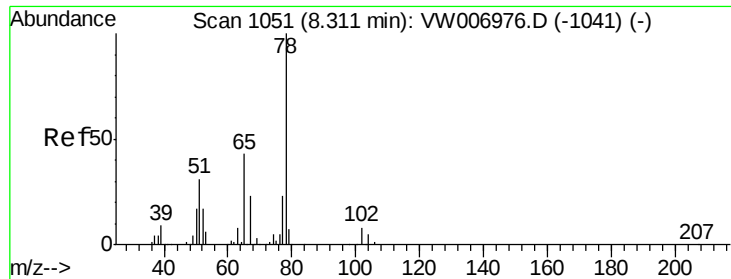
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#32
1,1,1-Trichloroethane
Concen: 21.48 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.9	77.9
61	42.4	33.4	50.2





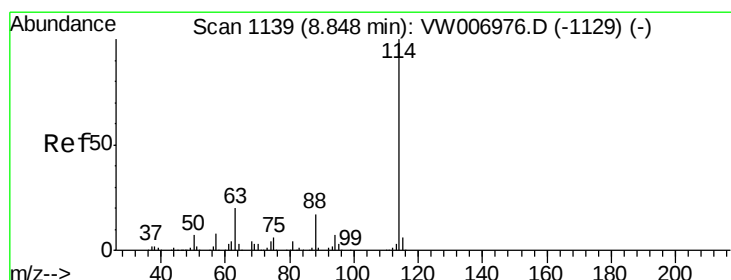
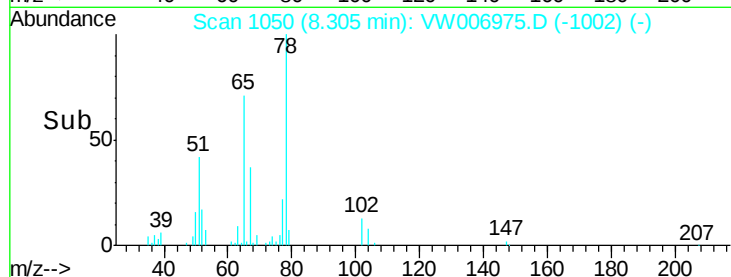
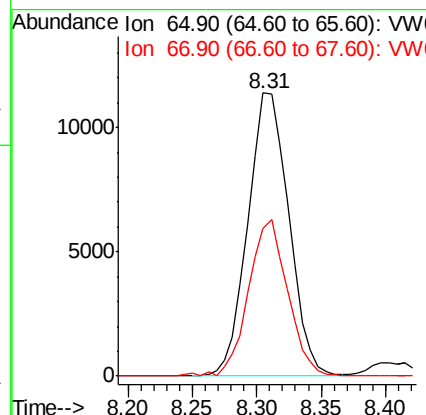
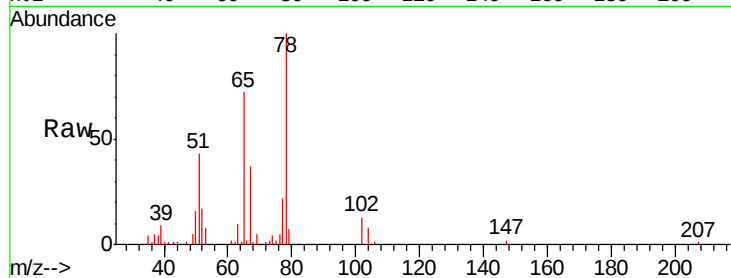
#33
 1,2-Dichloroethane-d4
 Concen: 21.26 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006975.D
 Acq: 20 Nov 2018 14:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	25119		
67	52.4	0.0	106.2	

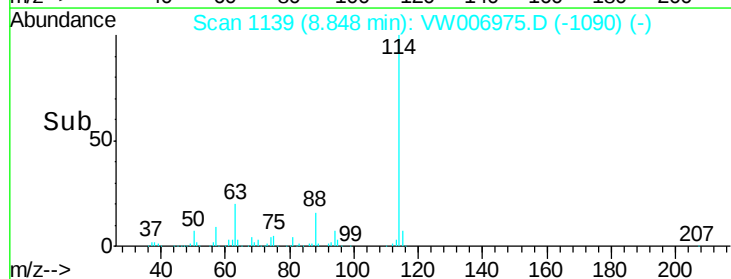
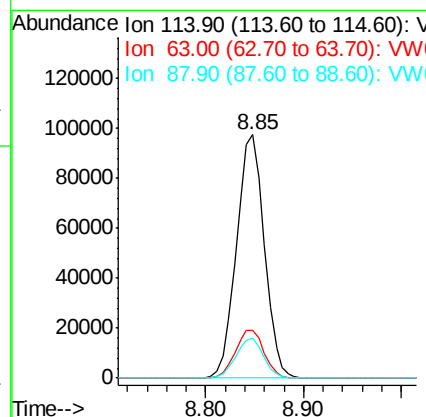
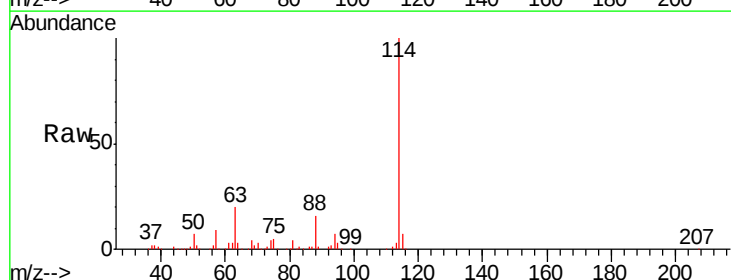
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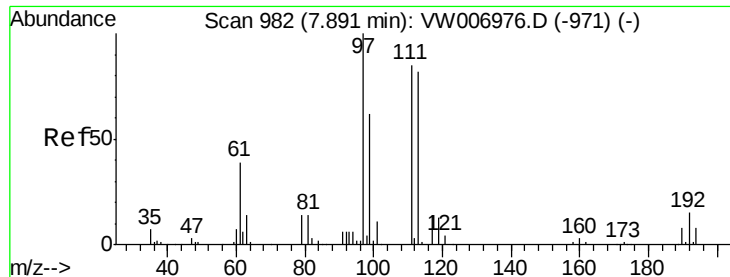
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 11/21/2018 11:32:33 AM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006975.D
 Acq: 20 Nov 2018 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	193113		
63	19.6	0.0	39.4	
88	16.4	0.0	34.2	





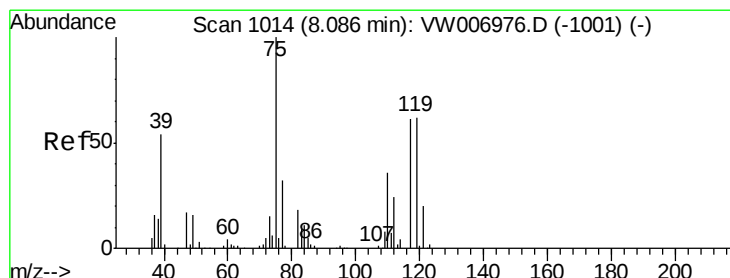
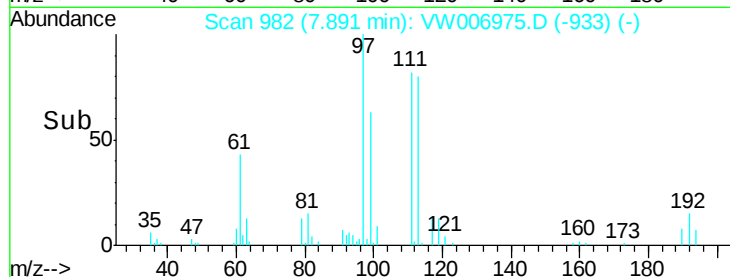
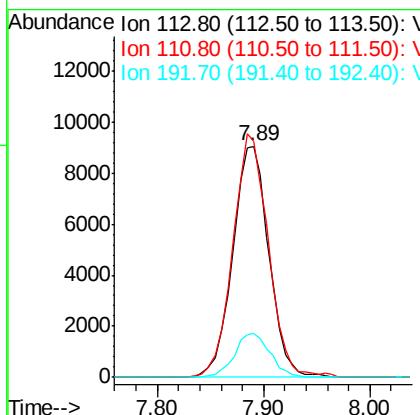
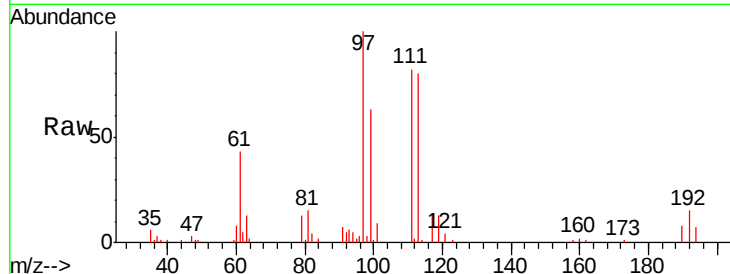
#35
Dibromofluoromethane
Concen: 19.71 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	21493		
111	103.6	81.0	121.6	
192	18.7	15.0	22.6	

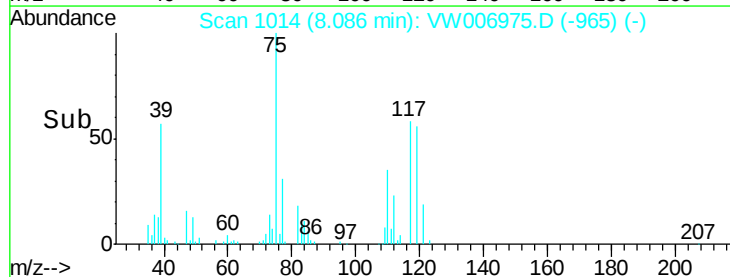
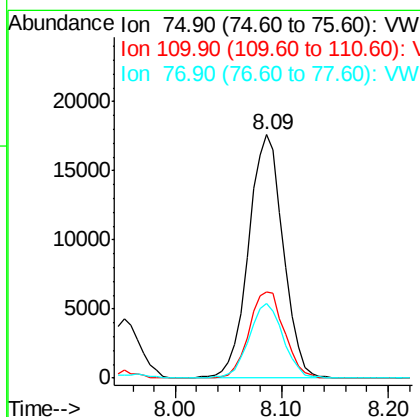
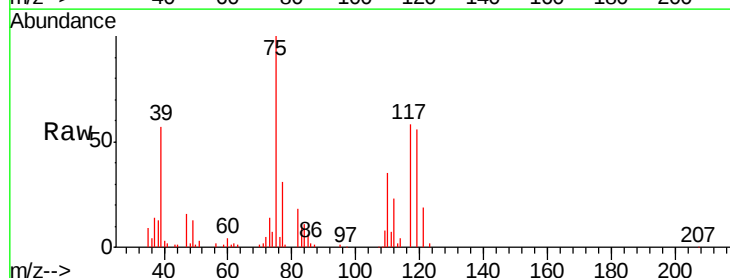
Manual Integrations
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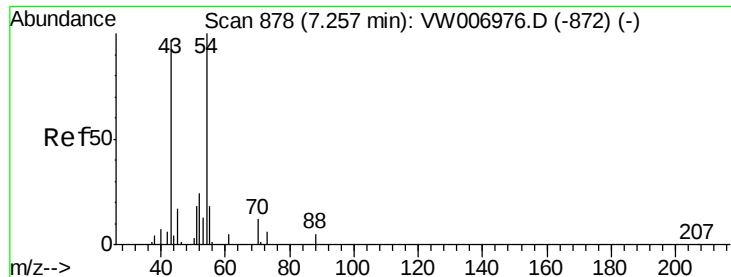
MMDadoda
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#36
1,1-Dichloropropene
Concen: 21.34 ug/l
RT: 8.09 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	40263		
110	35.8	18.0	54.0	
77	30.2	24.9	37.3	





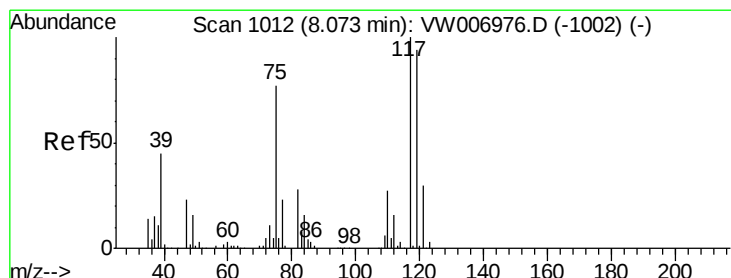
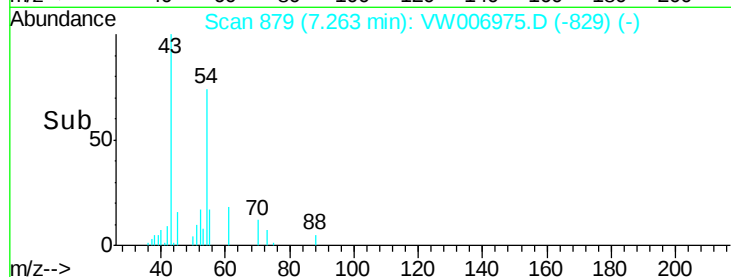
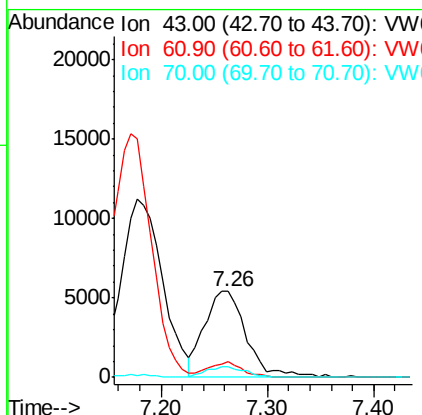
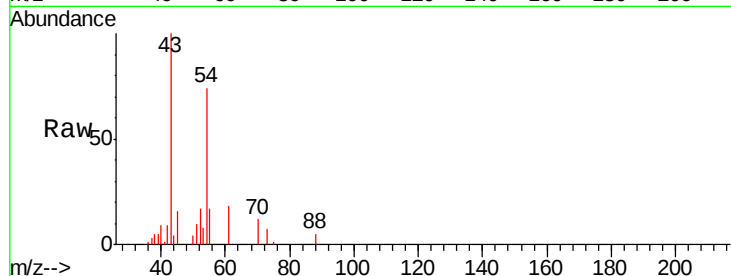
#37
Ethyl Acetate
Concen: 21.47 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.4	15.6
70	11.5	8.8	13.2

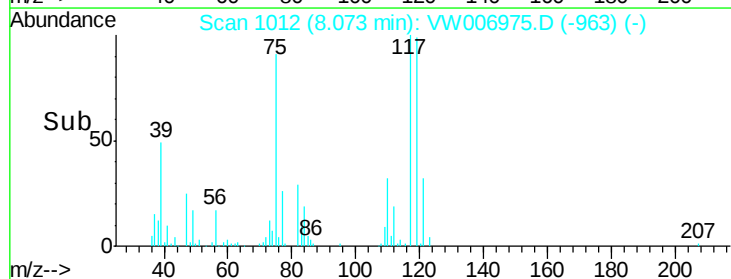
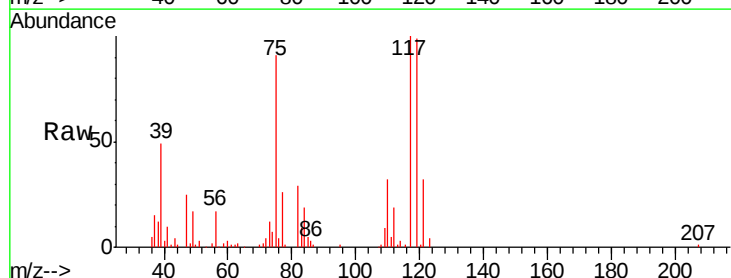
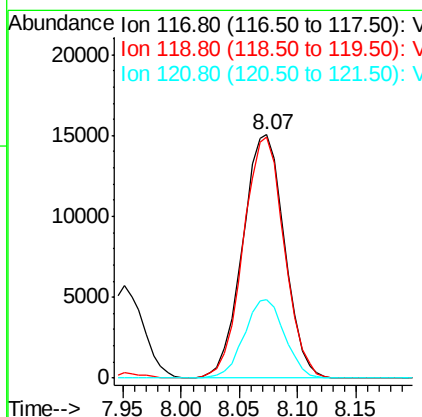
Manual Integrations
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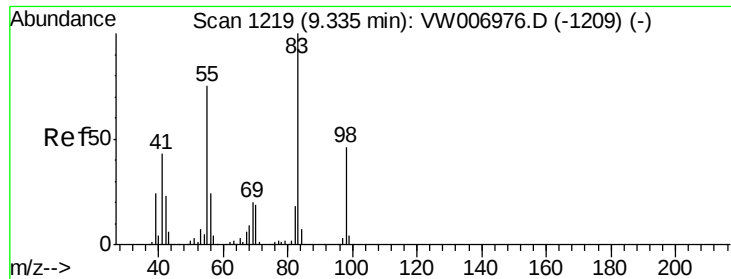
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#38
Carbon Tetrachloride
Concen: 20.85 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.8	74.9	112.3
121	32.0	23.6	35.4





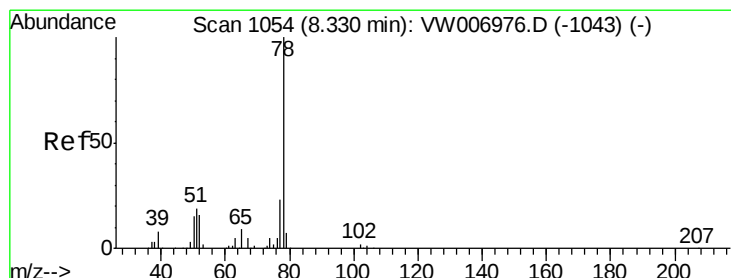
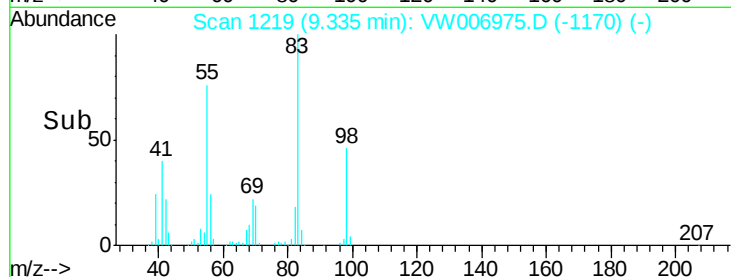
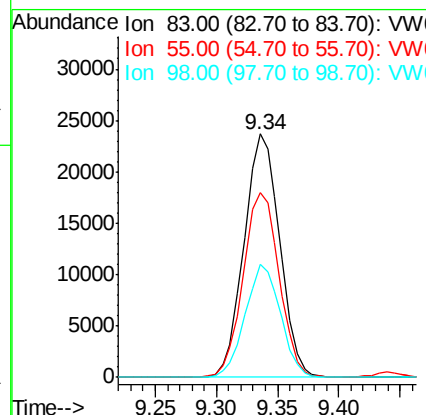
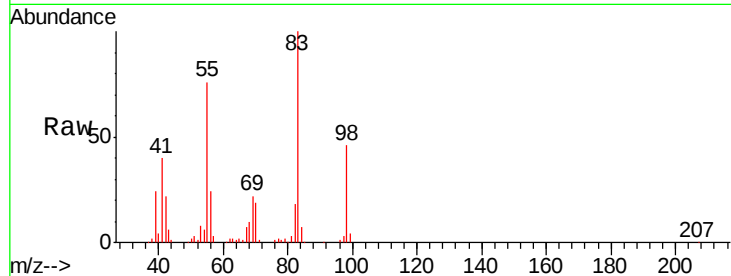
#39
Methylcyclohexane
Concen: 20.30 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.7	59.6	89.4
98	46.4	37.1	55.7

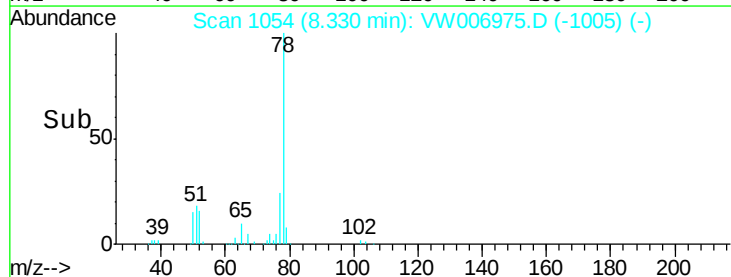
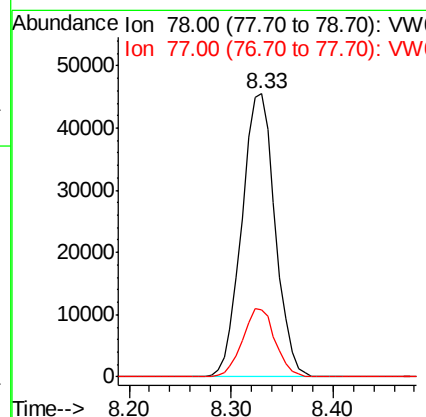
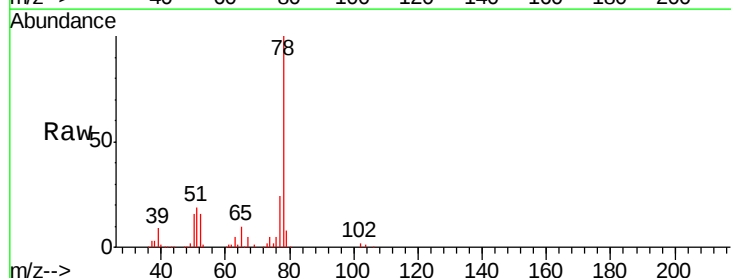
Manual Integrations
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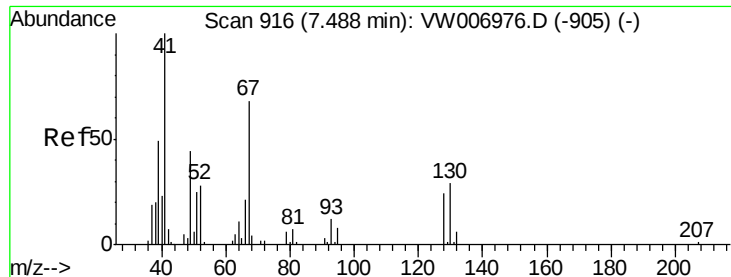
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#40
Benzene
Concen: 20.28 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.6	28.0





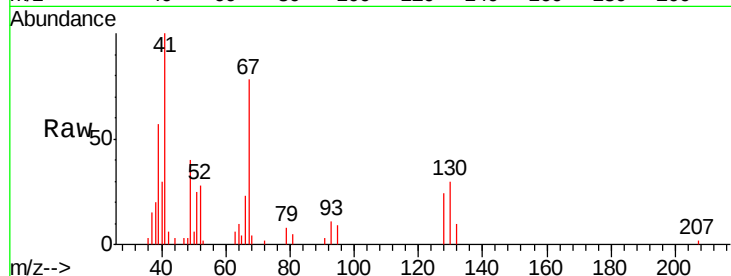
#41
Methacrylonitrile
Concen: 22.61 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

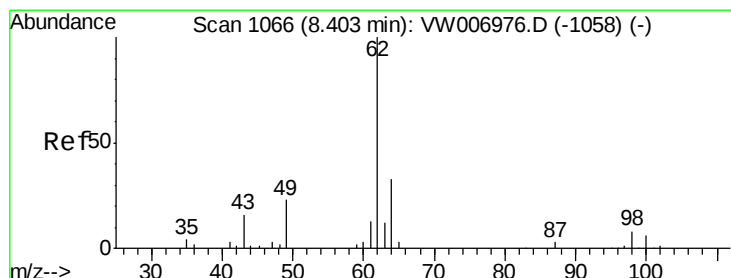
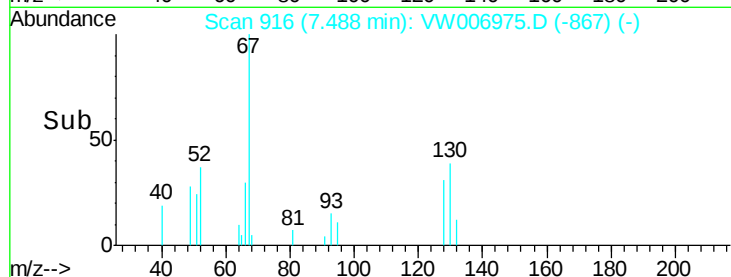
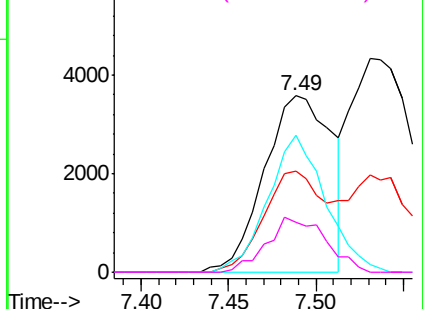
Tgt Ion	Ratio	Lower	Upper
41	100		
39	48.9	48.6	73.0
67	66.5	59.8	89.8
52	27.2	24.8	37.2

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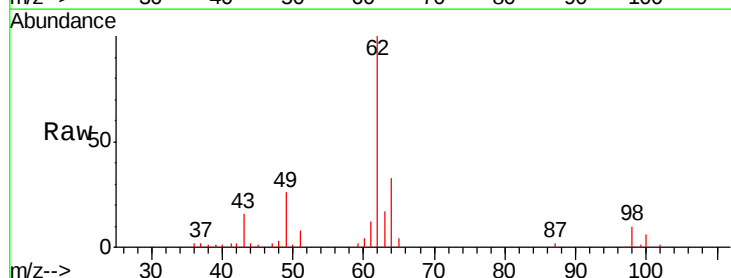


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

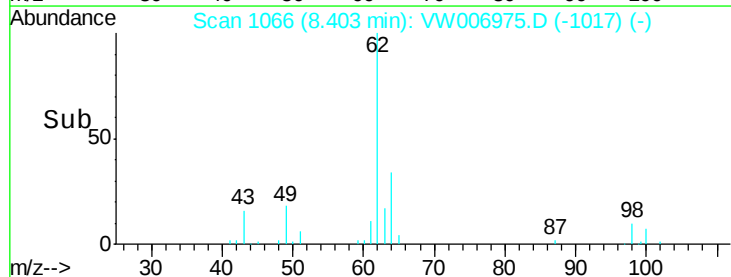
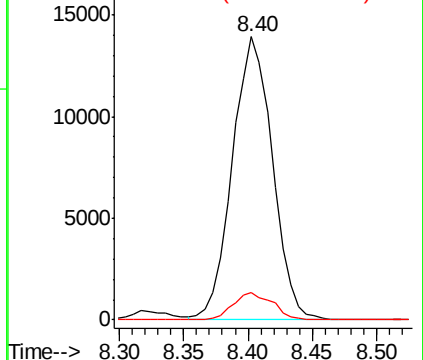


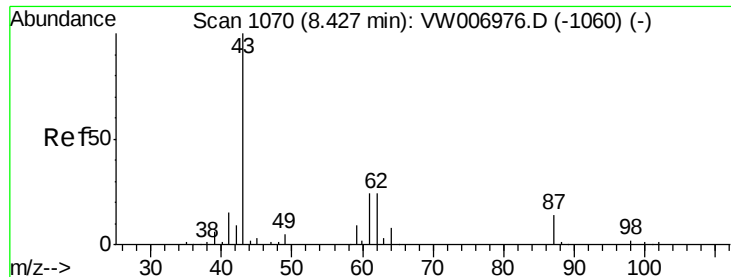
#42
1,2-Dichloroethane
Concen: 20.37 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.5	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: 20.61 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

Instrument :

MSVOA_W

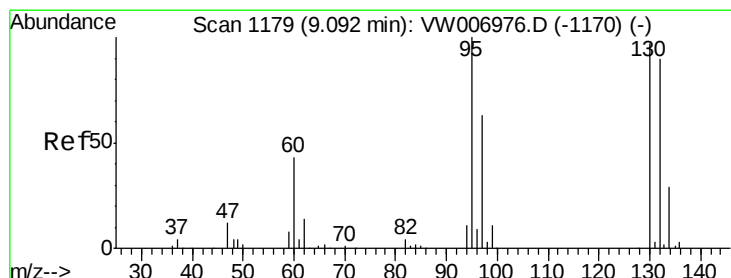
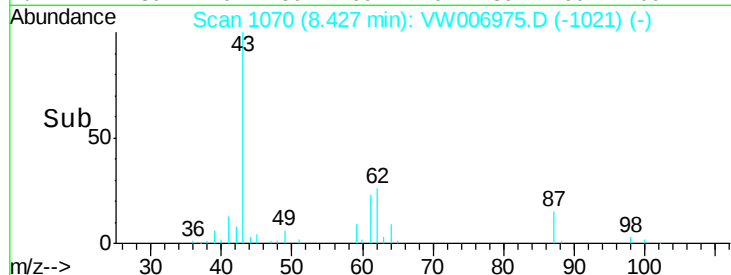
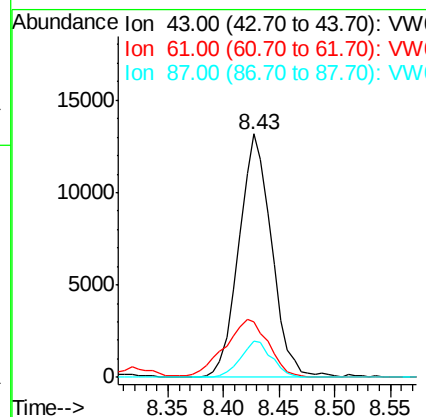
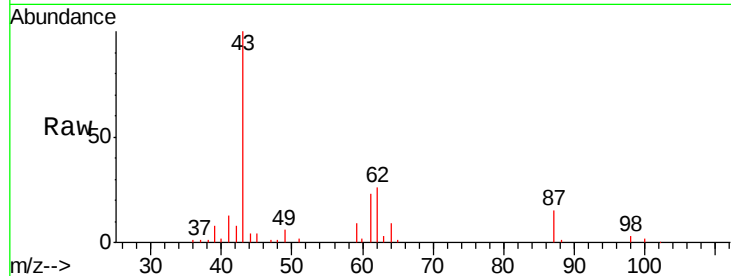
ClientSampleId :

VSTDIC020

Tgt Ion:	43	Resp:	26859
Ion	Ratio	Lower	Upper
43	100		
61	31.7	26.1	39.1
87	14.2	11.2	16.8

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#44

Trichloroethene

Concen: 20.58 ug/l

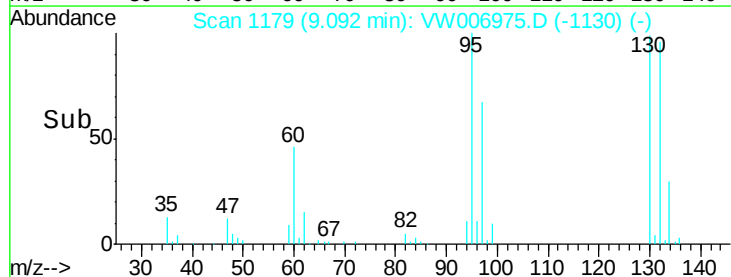
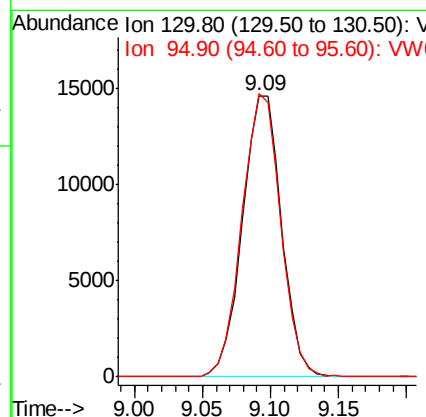
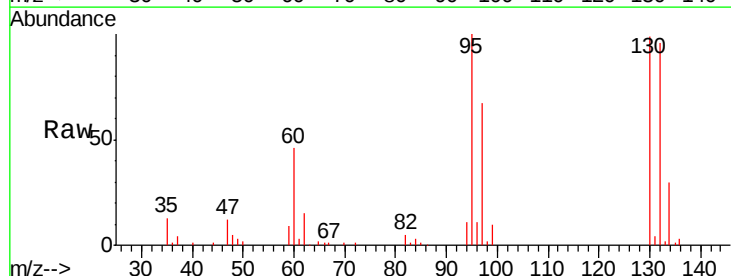
RT: 9.09 min Scan# 1179

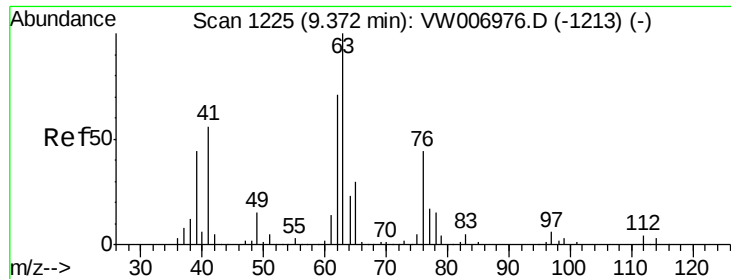
Delta R.T. 0.00 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

Tgt Ion:	130	Resp:	29381
Ion	Ratio	Lower	Upper
130	100		
95	100.7	0.0	206.4





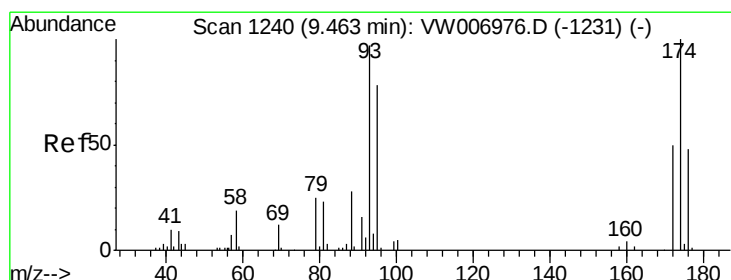
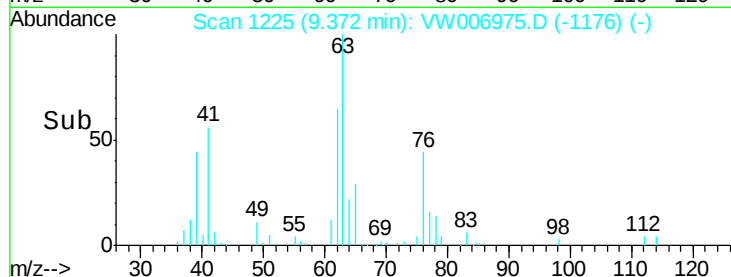
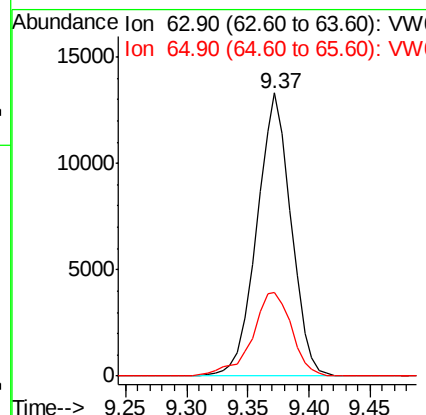
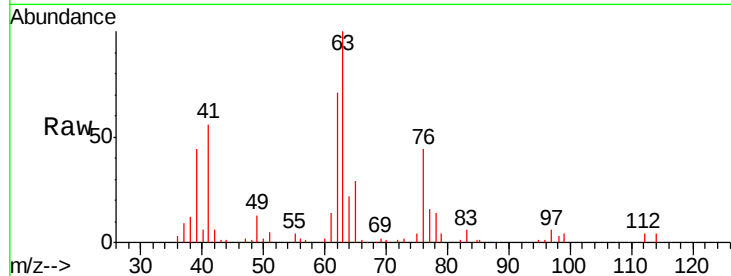
#45
 1,2-Dichloropropane
 Concen: 20.62 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006975.D
 Acq: 20 Nov 2018 14:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion: 63 Resp: 25891
 Ion Ratio Lower Upper
 63 100
 65 29.4 24.4 36.6

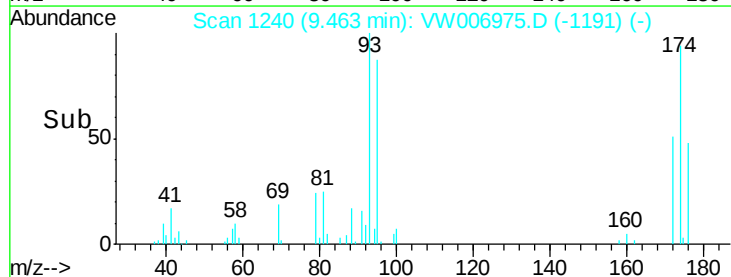
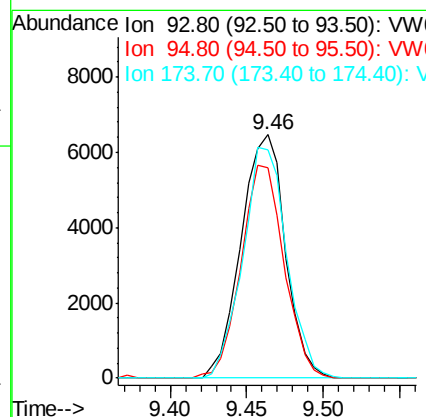
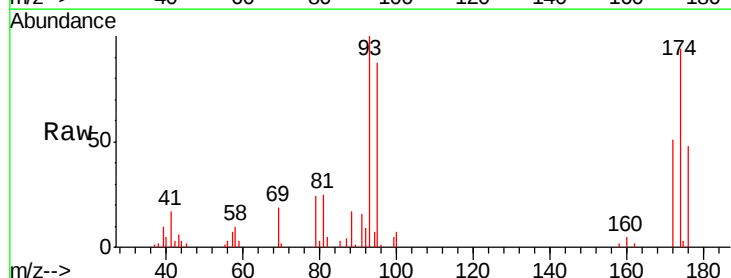
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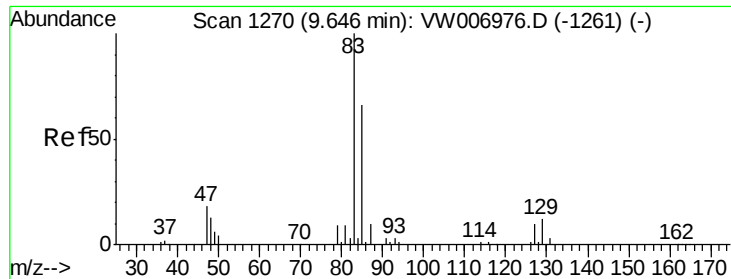
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#46
 Dibromomethane
 Concen: 20.69 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW006975.D
 Acq: 20 Nov 2018 14:39

Tgt Ion: 93 Resp: 13008
 Ion Ratio Lower Upper
 93 100
 95 85.4 66.1 99.1
 174 94.1 79.7 119.5





#47

Bromodichloromethane

Concen: 21.18 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

Instrument :

MSVOA_W

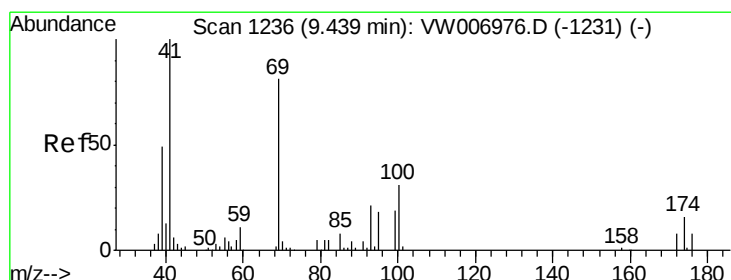
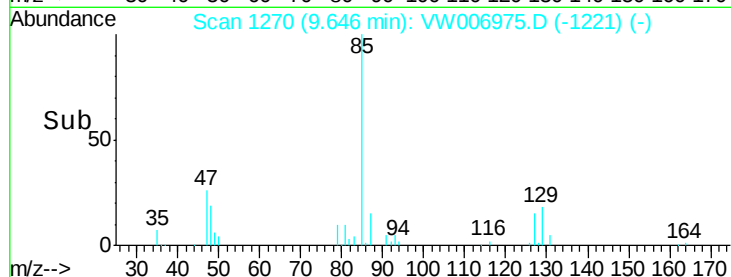
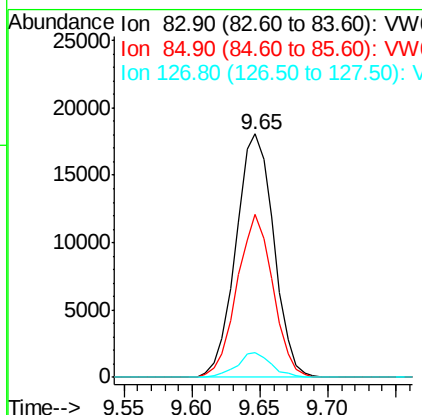
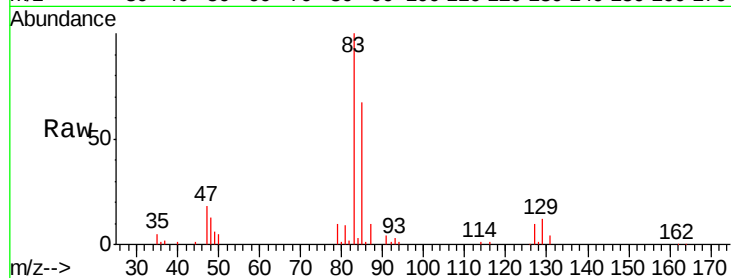
ClientSampleId :

VSTDIC020

Tgt Ion:	83	Resp:	35097
Ion Ratio	Lower	Upper	
83	100		
85	67.0	52.9	79.3
127	10.0	7.8	11.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.41 ug/l

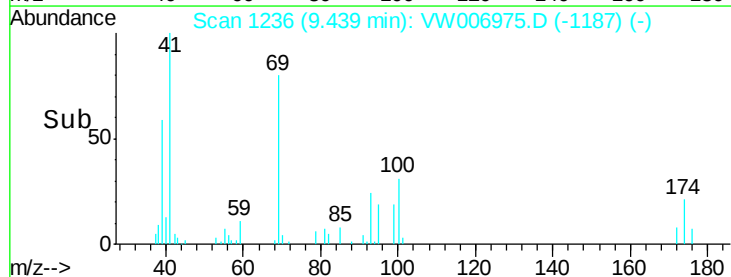
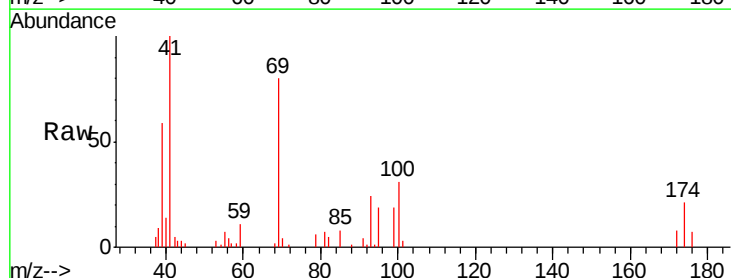
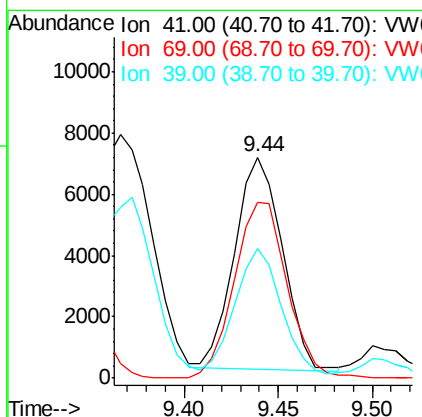
RT: 9.44 min Scan# 1236

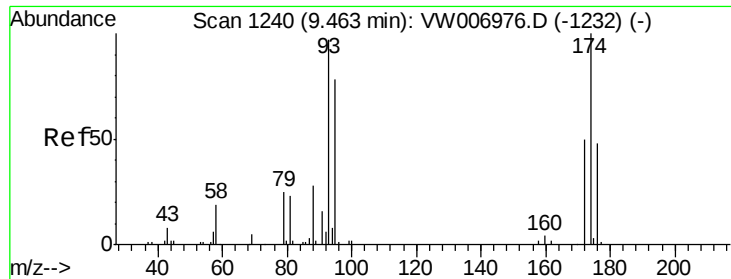
Delta R.T. 0.00 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

Tgt Ion:	41	Resp:	12197
Ion Ratio	Lower	Upper	
41	100		
69	91.4	71.4	107.0
39	56.5	44.8	67.2





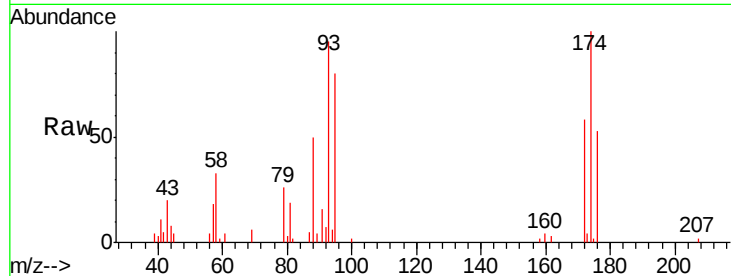
#49
1,4-Dioxane
Concen: 399.19 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.01 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

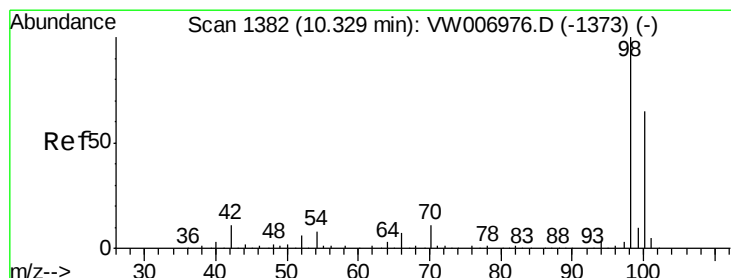
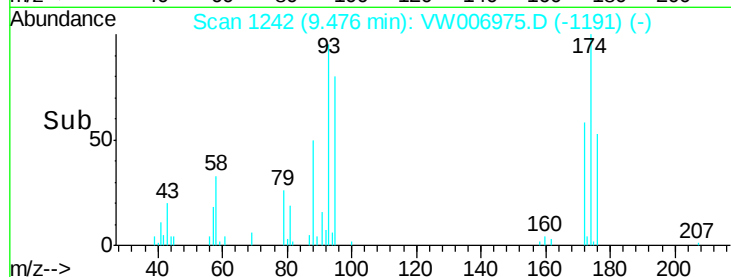
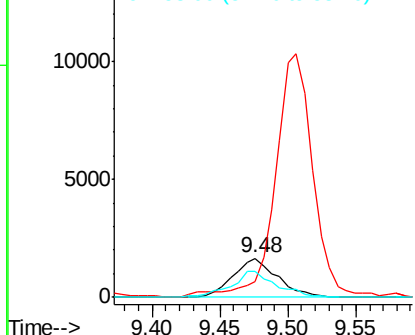
Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	68.3	59.0	88.6

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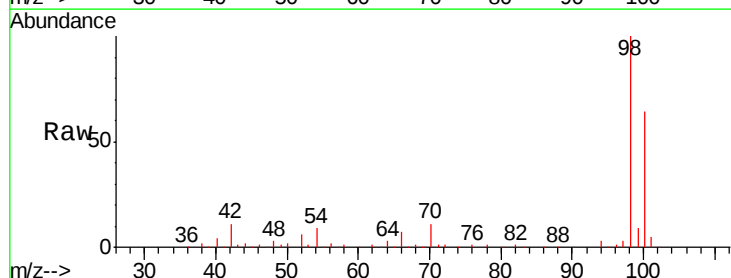


Abundance Ion 88.00 (87.70 to 88.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW

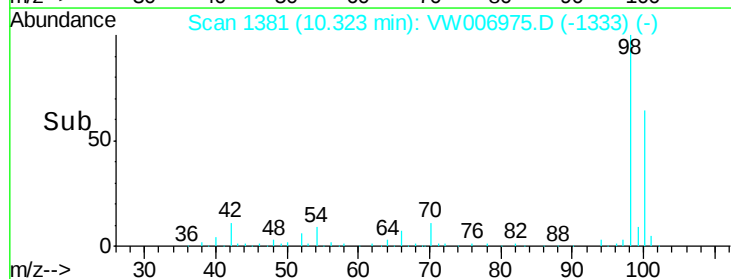
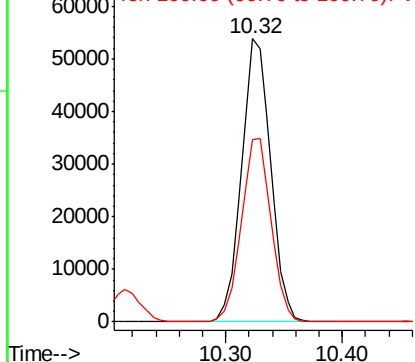


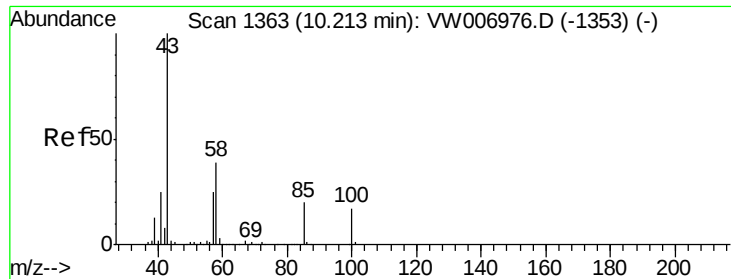
#50
Toluene-d8
Concen: 19.57 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.2	78.2



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW





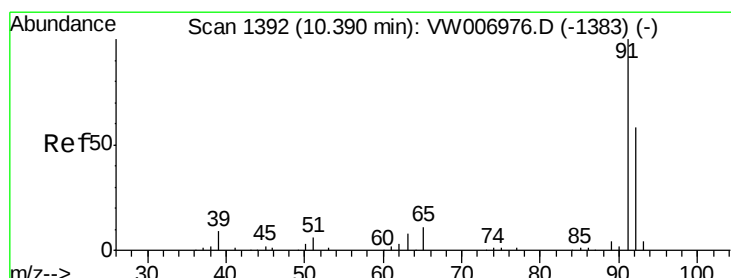
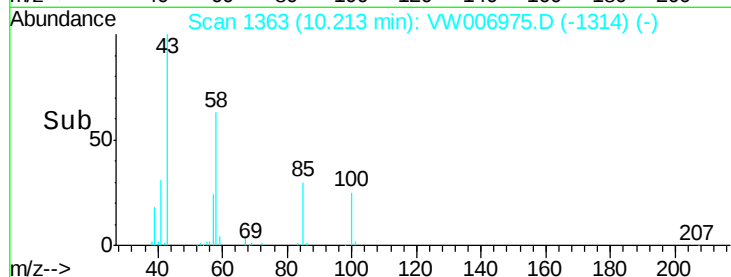
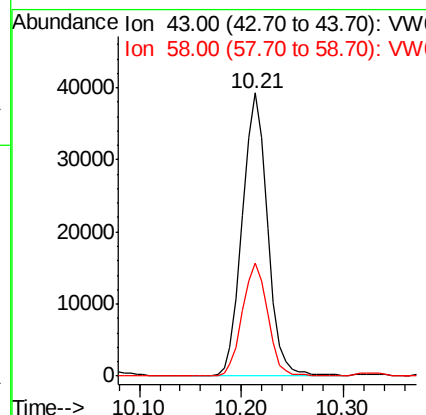
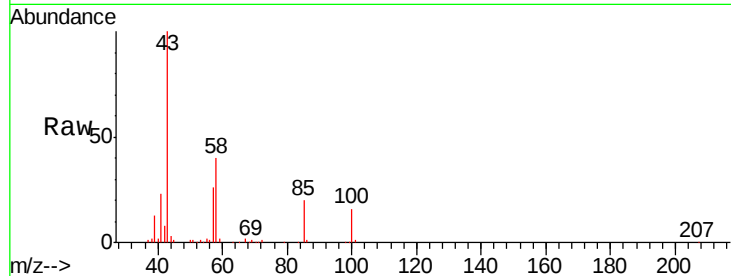
#51
 4-Methyl-2-Pentanone
 Concen: 102.24 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW006975.D
 Acq: 20 Nov 2018 14:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion: 43 Resp: 67331
 Ion Ratio Lower Upper
 43 100
 58 40.0 31.8 47.6

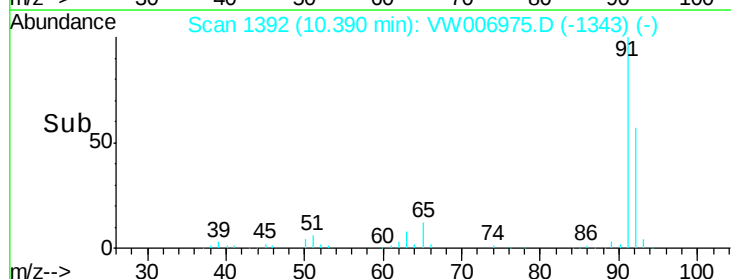
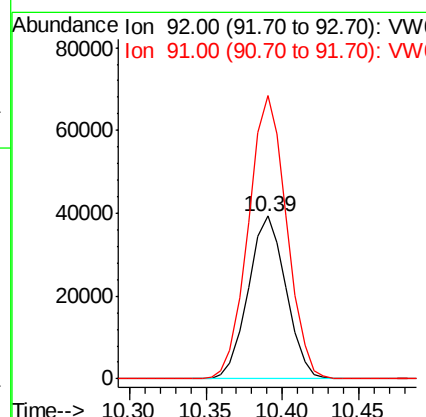
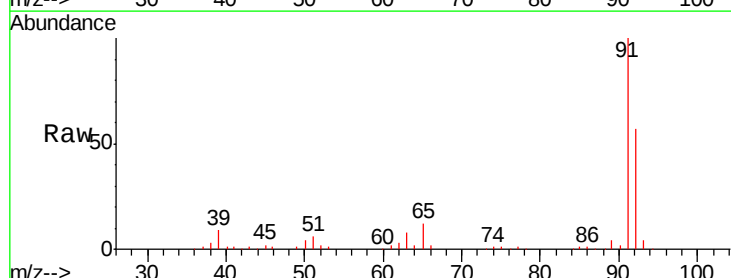
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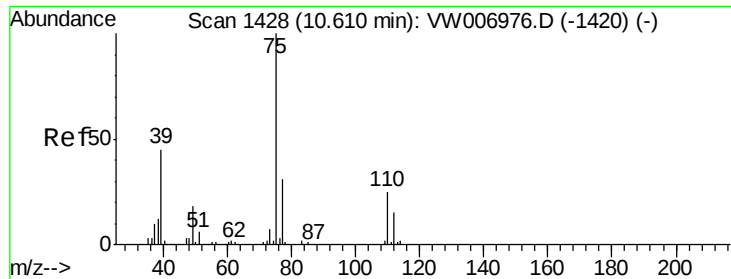
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#52
 Toluene
 Concen: 19.48 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW006975.D
 Acq: 20 Nov 2018 14:39

Tgt Ion: 92 Resp: 67531
 Ion Ratio Lower Upper
 92 100
 91 175.7 137.3 205.9





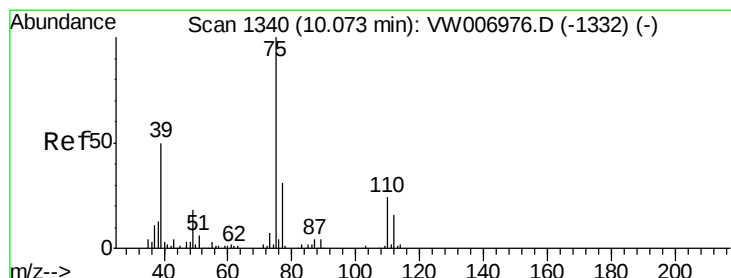
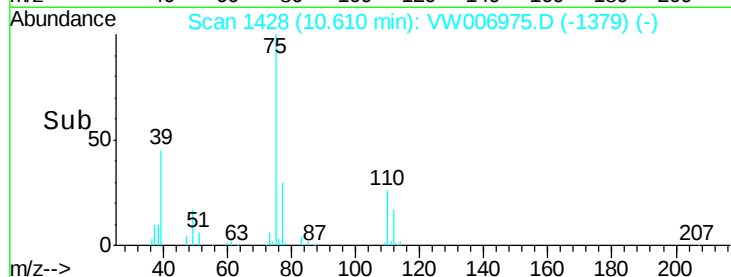
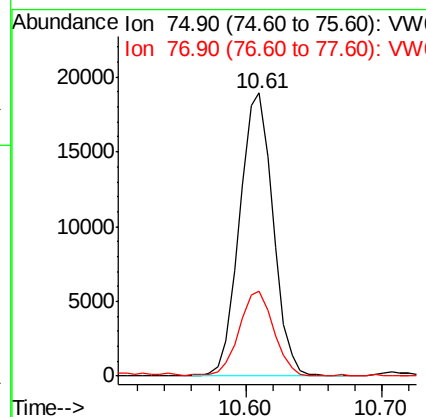
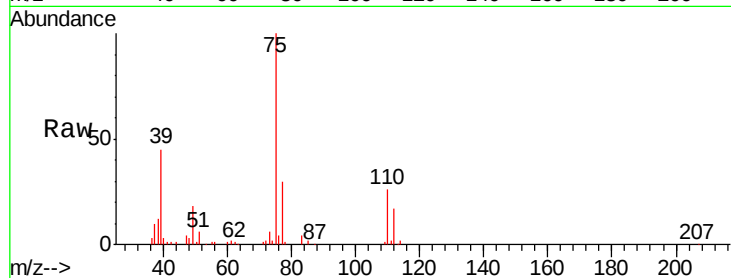
#53
 t-1,3-Dichloropropene
 Concen: 20.25 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW006975.D
 Acq: 20 Nov 2018 14:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion: 75 Resp: 32508
 Ion Ratio Lower Upper
 75 100
 77 29.4 24.7 37.1

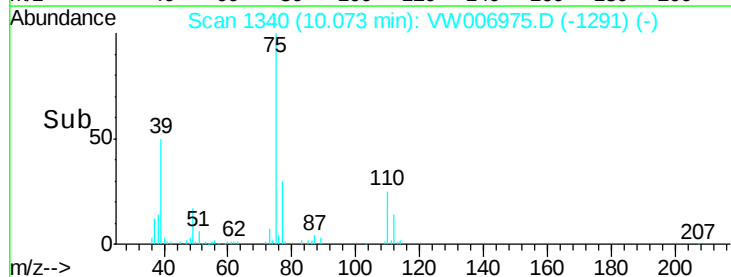
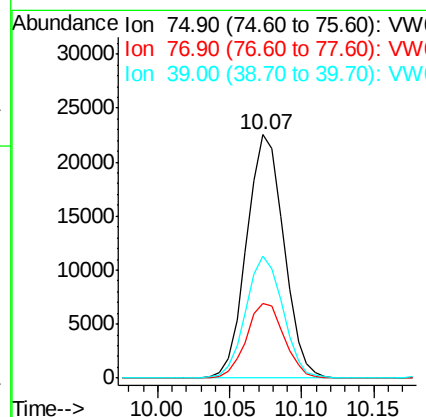
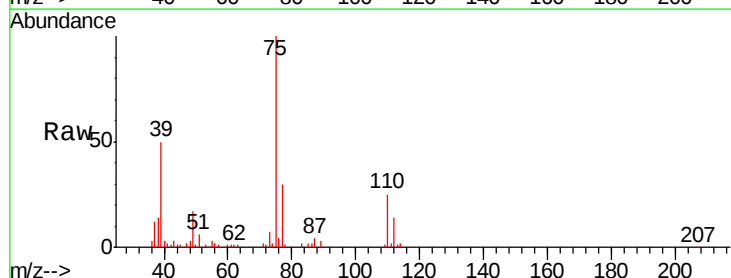
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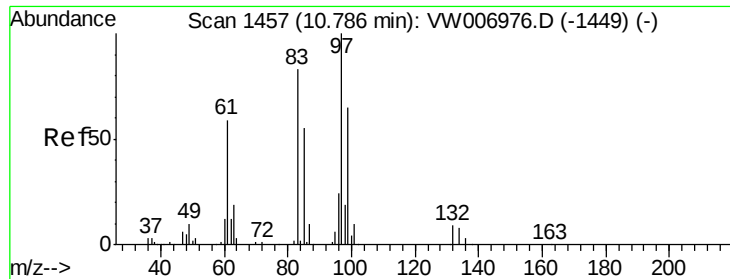
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#54
 cis-1,3-Dichloropropene
 Concen: 20.78 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW006975.D
 Acq: 20 Nov 2018 14:39

Tgt Ion: 75 Resp: 40289
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.0 37.6
 39 50.1 39.9 59.9





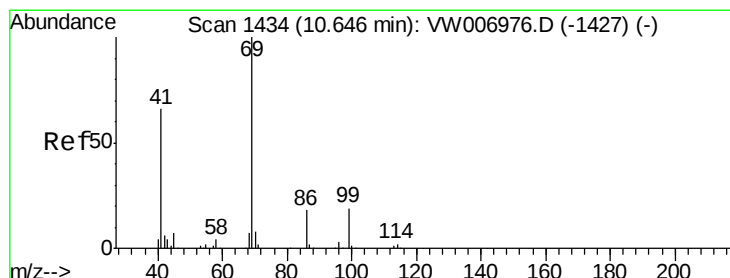
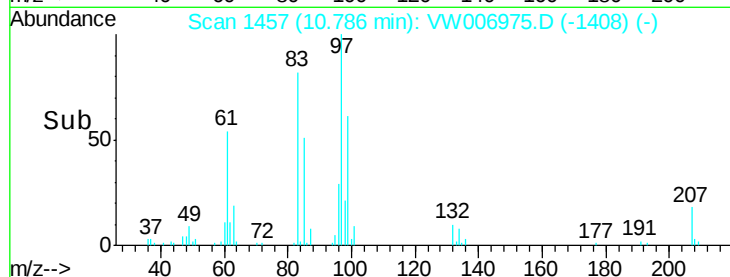
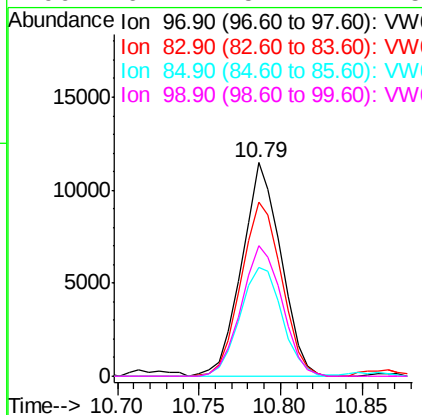
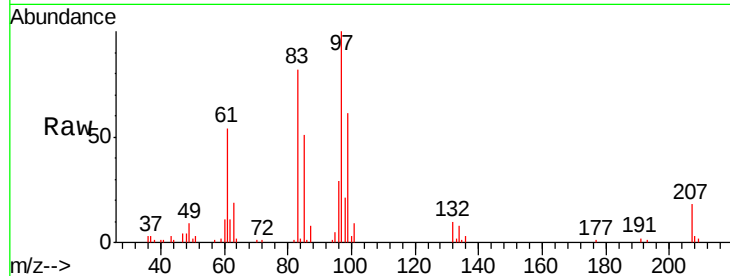
#55
 1,1,2-Trichloroethane
 Concen: 20.82 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW006975.D
 Acq: 20 Nov 2018 14:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.7	66.4	99.6
85	51.0	44.1	66.1
99	61.2	51.7	77.5

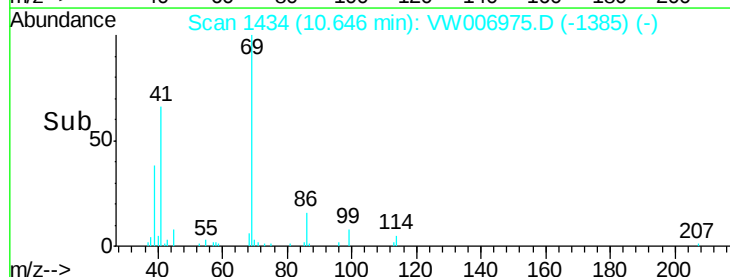
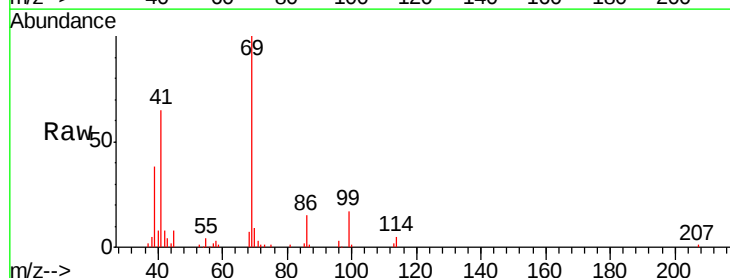
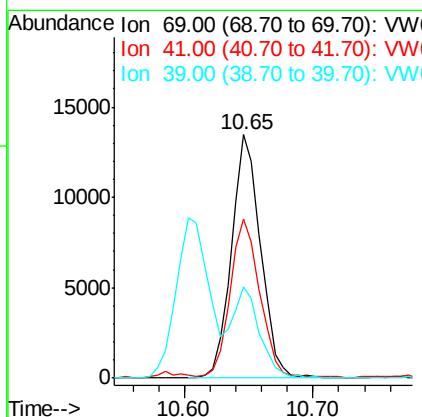
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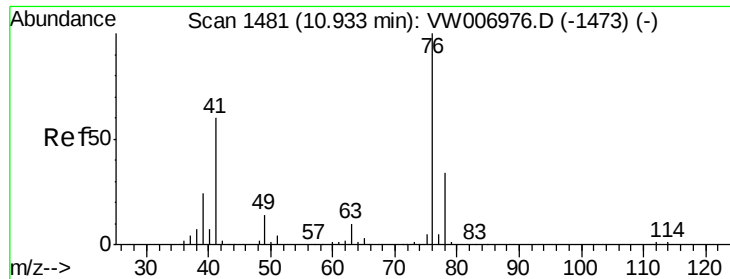
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#56
 Ethyl methacrylate
 Concen: 19.68 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW006975.D
 Acq: 20 Nov 2018 14:39

Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.9	53.4	80.0
39	36.8	28.2	42.4





#57

1,3-Dichloropropane

Concen: 20.53 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 31834

Ion Ratio Lower Upper

76 100

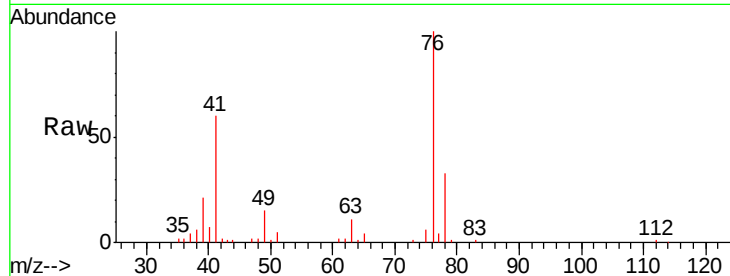
78 32.8 25.8 38.6

Manual Integrations

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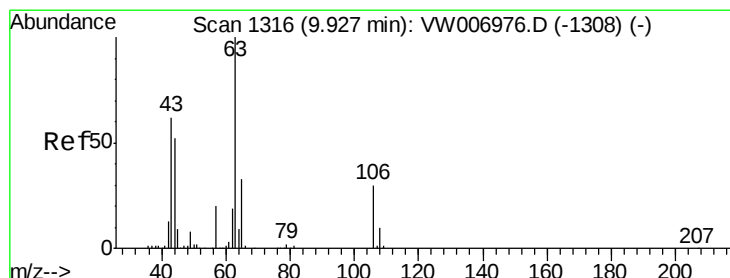
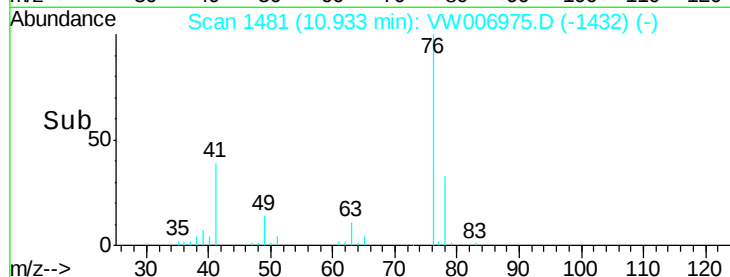
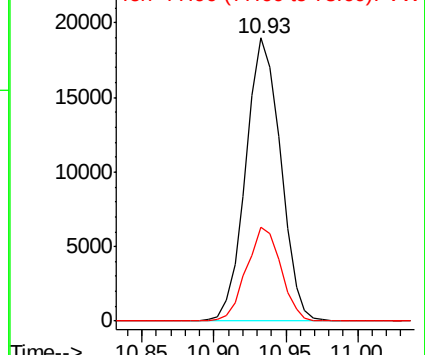
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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 108.98 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW006975.D

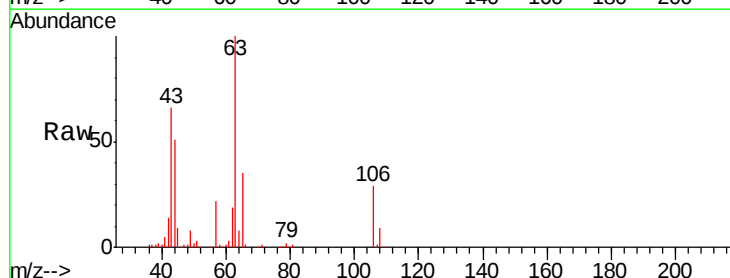
Acq: 20 Nov 2018 14:39

Tgt Ion: 63 Resp: 61158

Ion Ratio Lower Upper

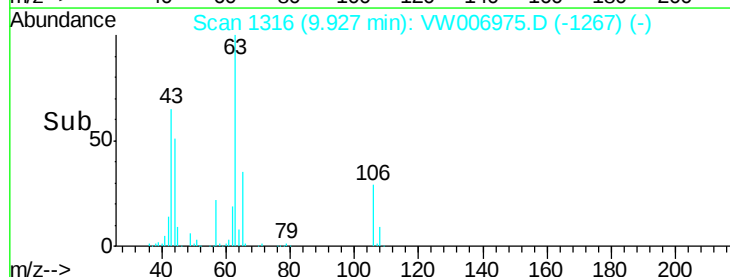
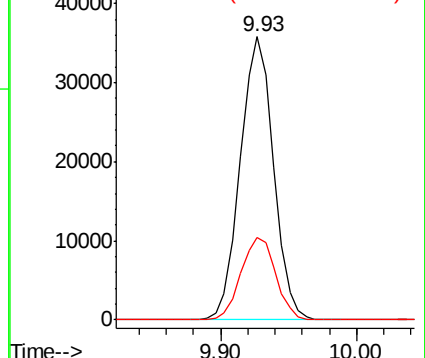
63 100

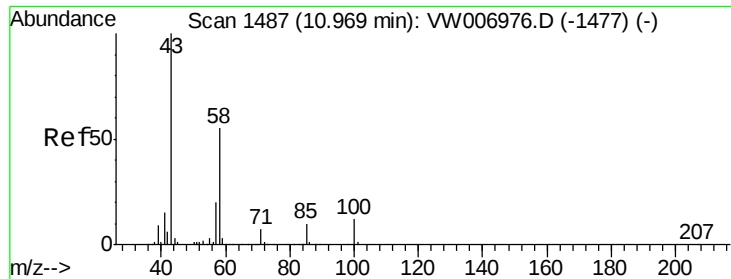
106 30.2 23.5 35.3



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V





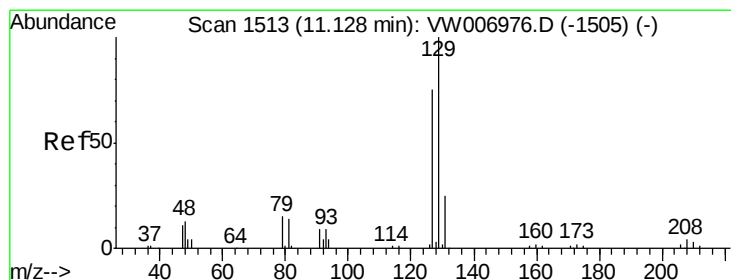
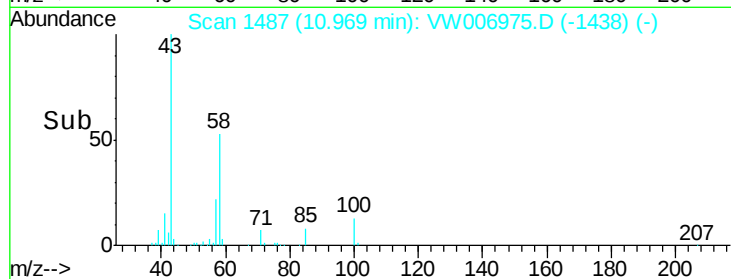
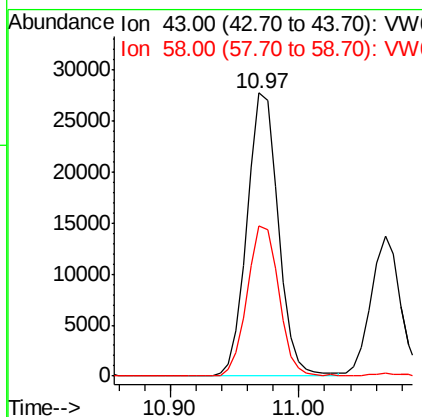
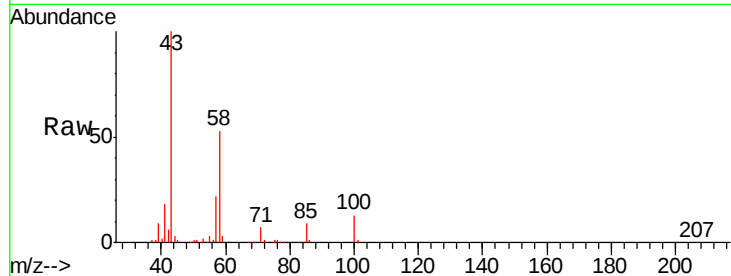
#59
2-Hexanone
Concen: 103.13 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 46509
Ion Ratio Lower Upper
43 100
58 53.7 27.3 81.8

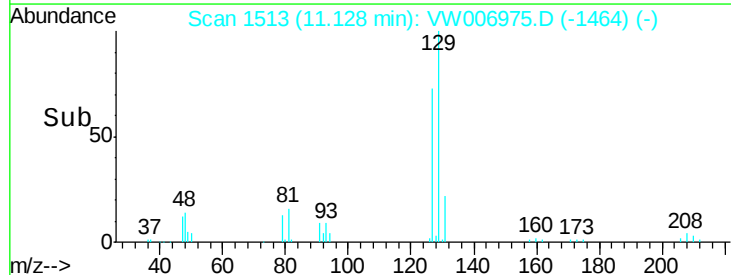
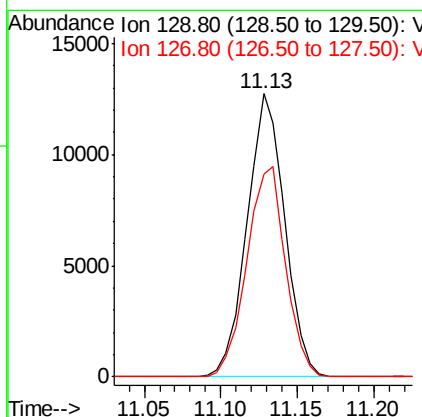
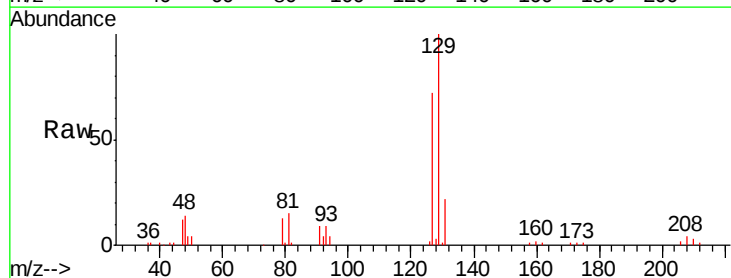
Manual Integrations
APPROVED

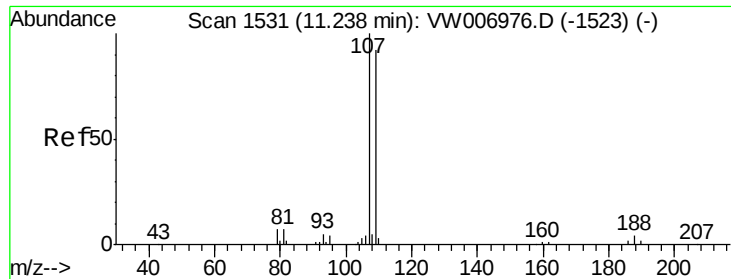
MMDadoda
11/21/2018 11:32:33 AM



#60
Dibromochloromethane
Concen: 20.65 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Tgt Ion: 129 Resp: 21768
Ion Ratio Lower Upper
129 100
127 76.4 38.3 114.8





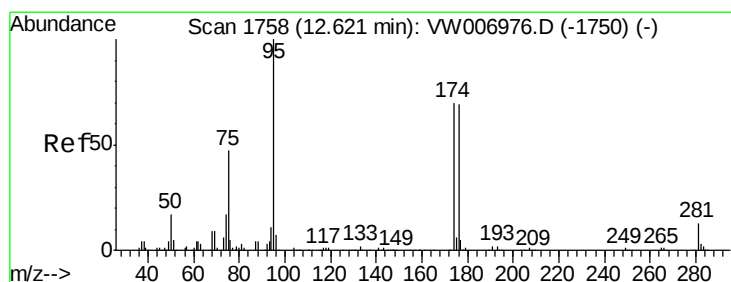
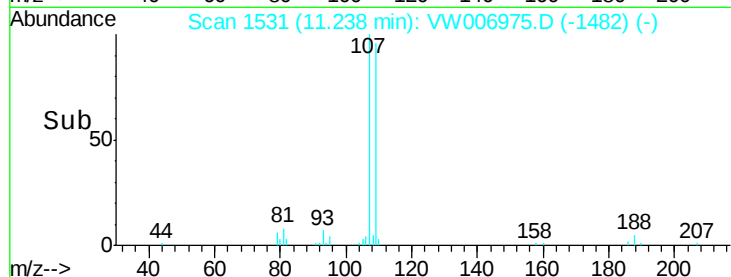
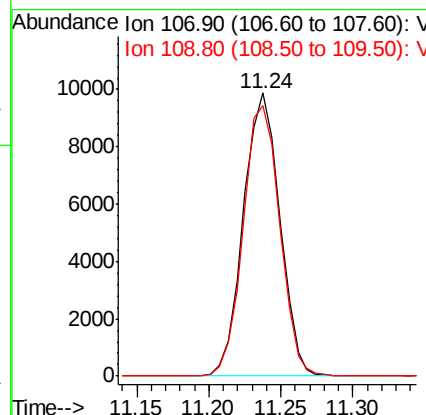
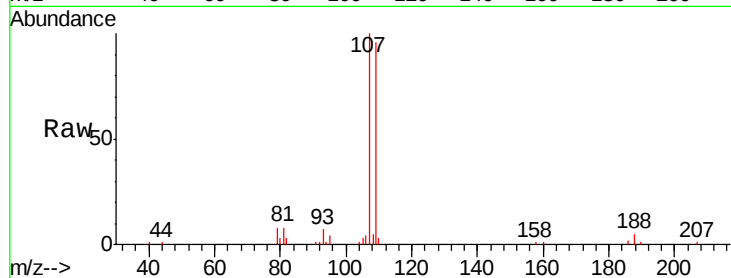
#61
 1,2-Dibromoethane
 Concen: 20.44 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006975.D
 Acq: 20 Nov 2018 14:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion: 107 Resp: 17298
 Ion Ratio Lower Upper
 107 100
 109 96.2 75.1 112.7

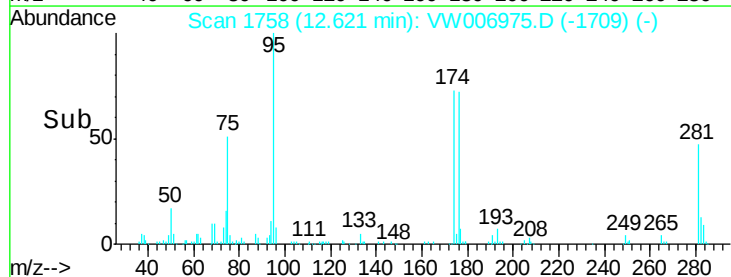
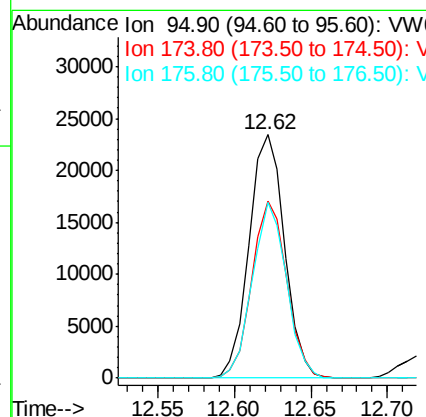
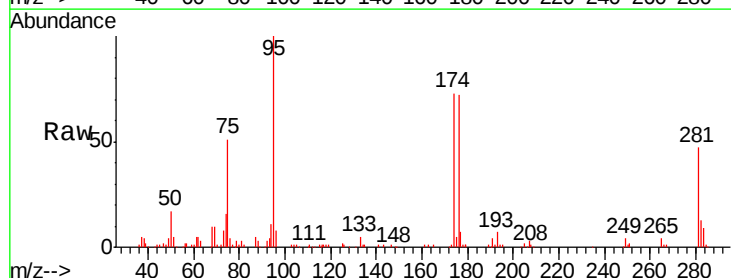
Manual Integrations
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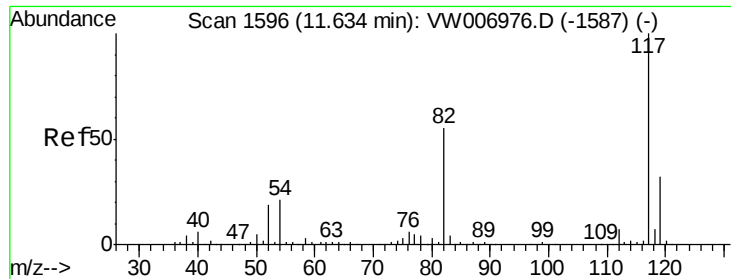
MMDadoda
 11/21/2018 11:32:33 AM



#62
 4-Bromofluorobenzene
 Concen: 19.96 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006975.D
 Acq: 20 Nov 2018 14:39

Tgt Ion: 95 Resp: 37820
 Ion Ratio Lower Upper
 95 100
 174 71.6 0.0 143.6
 176 69.5 0.0 140.4





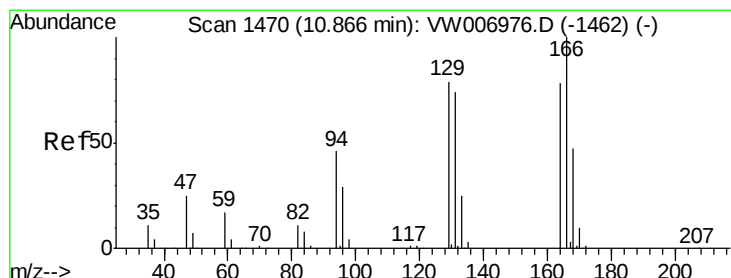
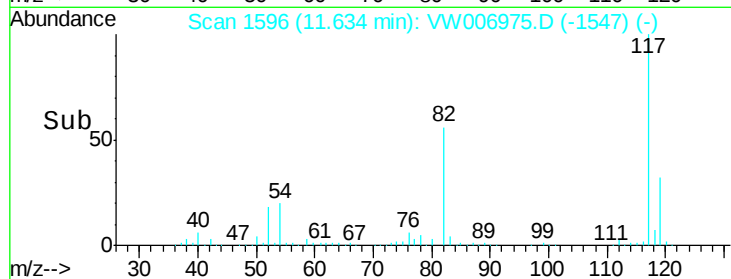
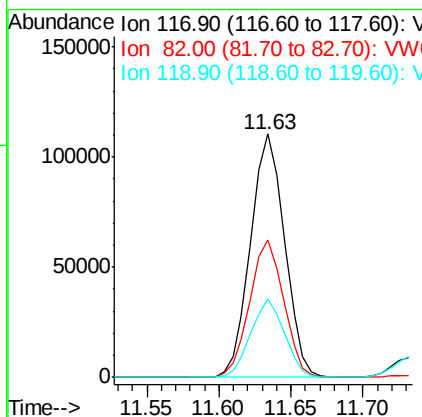
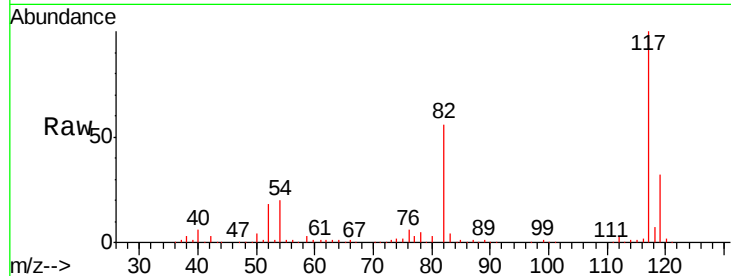
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	180631		
82	56.4	44.2	66.2	
119	32.4	25.9	38.9	

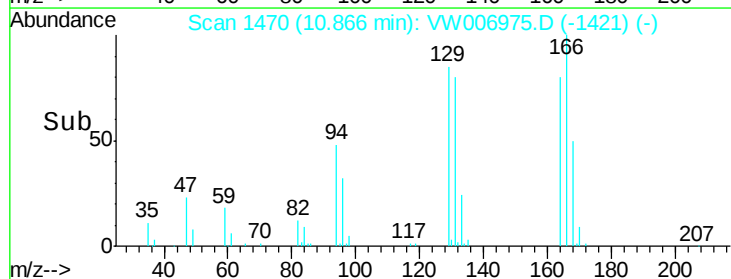
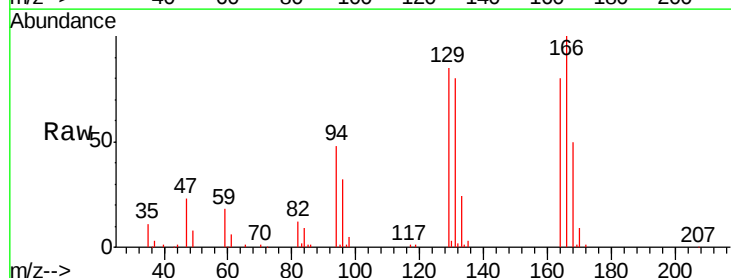
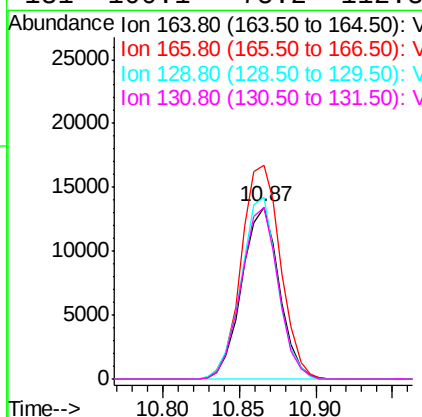
Manual Integrations
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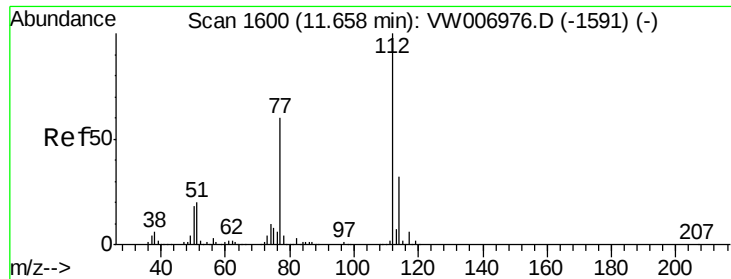
MMDadoda
11/21/2018 11:32:33 AM



#64
Tetrachloroethene
Concen: 19.63 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	22807		
166	124.3	102.1	153.1	
129	106.1	80.4	120.6	
131	100.1	75.2	112.8	





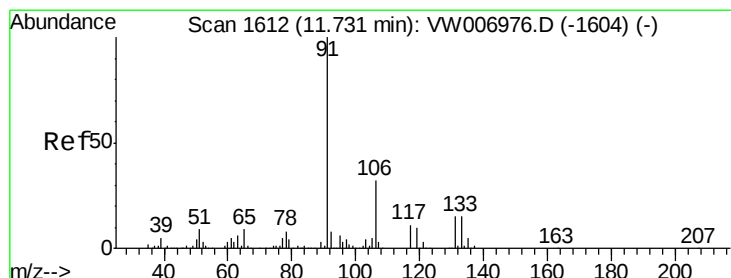
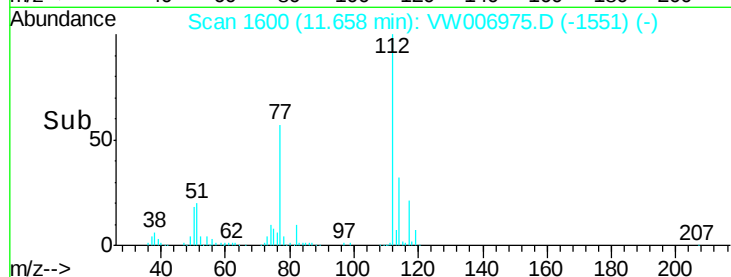
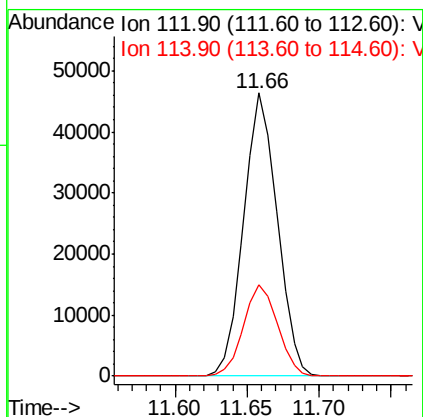
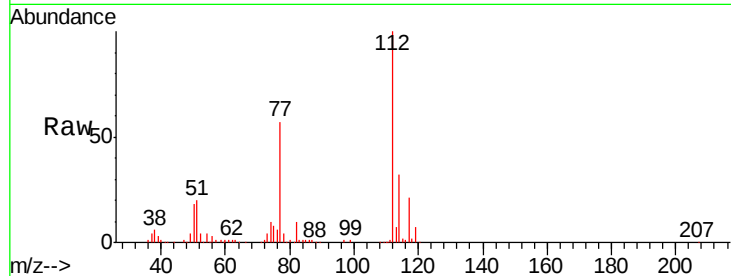
#65
Chlorobenzene
Concen: 19.90 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 75022
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.8

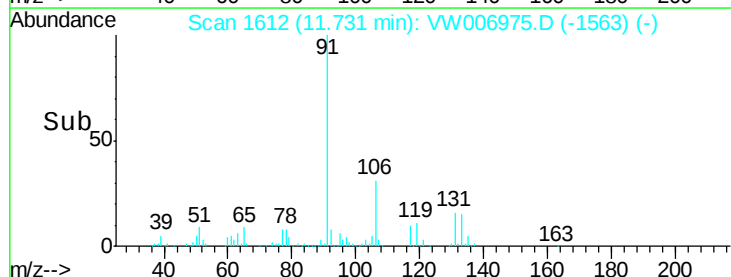
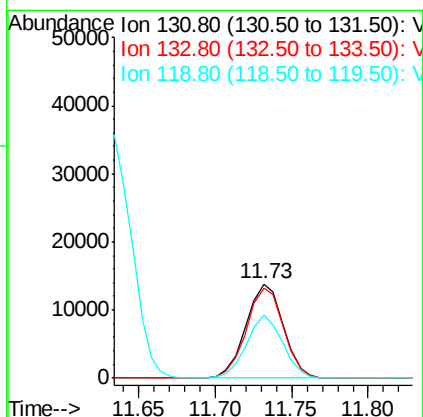
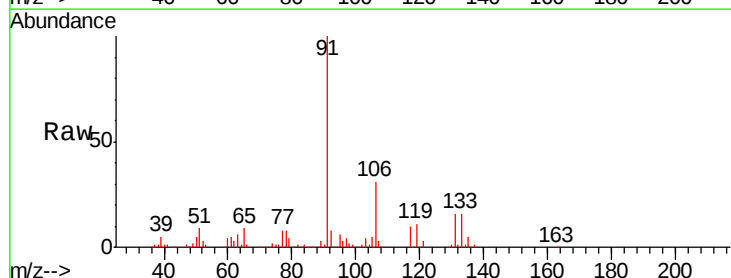
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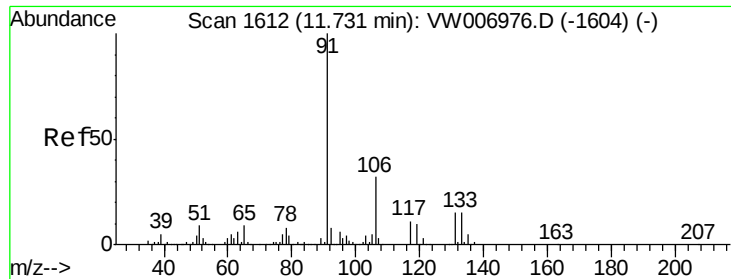
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.58 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Tgt Ion:131 Resp: 23476
Ion Ratio Lower Upper
131 100
133 95.7 47.7 143.1
119 65.1 31.8 95.3





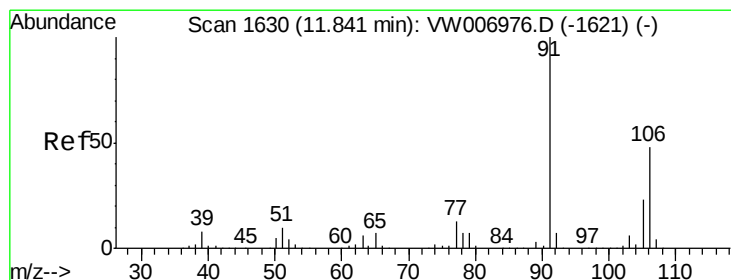
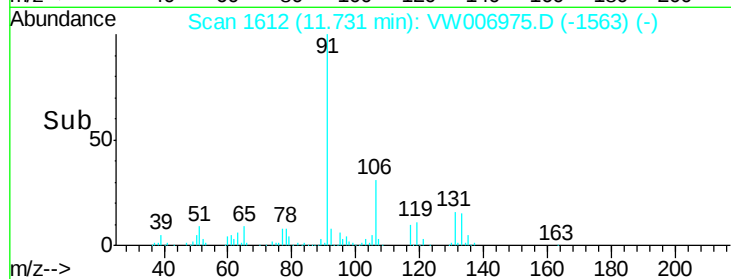
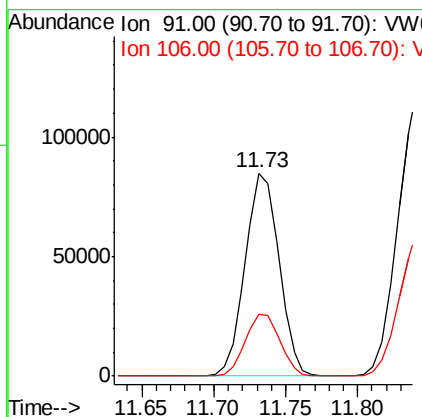
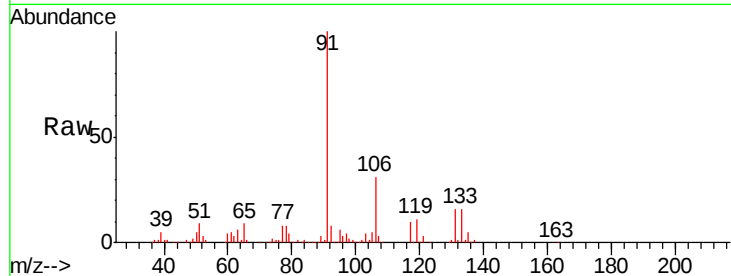
#67
Ethyl Benzene
Concen: 19.96 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 138214
Ion Ratio Lower Upper
91 100
106 30.5 25.4 38.2

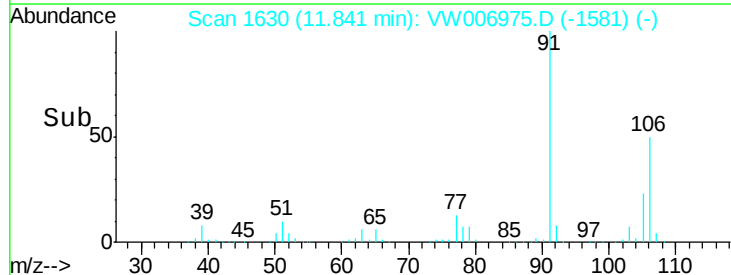
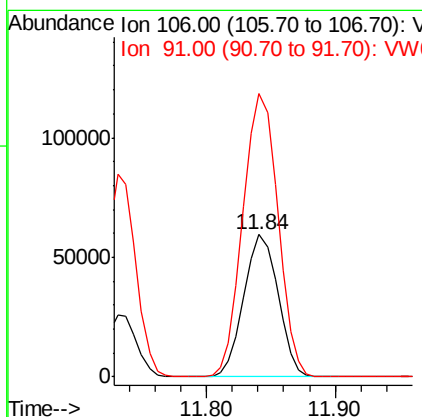
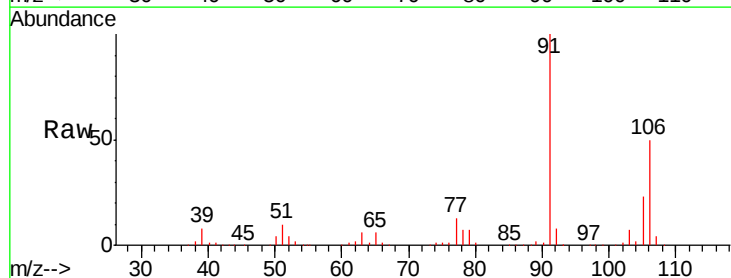
Manual Integrations
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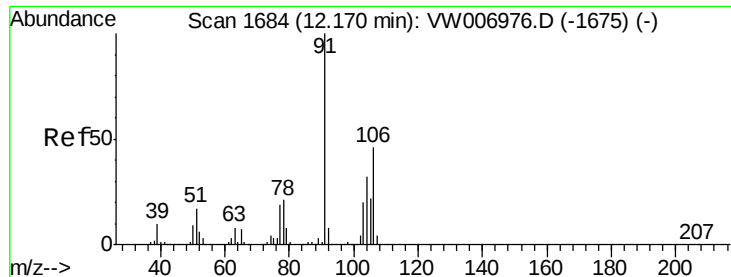
MMDadoda
11/21/2018 11:32:33 AM



#68
m/p-Xylenes
Concen: 40.48 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Tgt Ion: 106 Resp: 109980
Ion Ratio Lower Upper
106 100
91 203.3 164.8 247.2





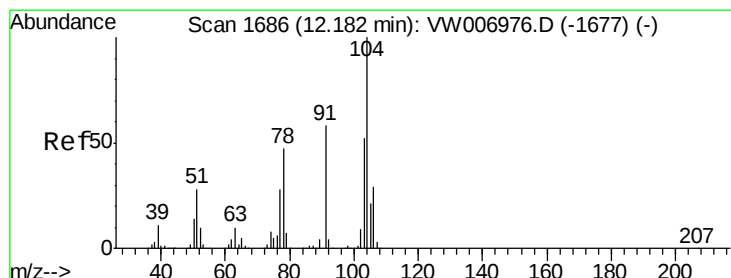
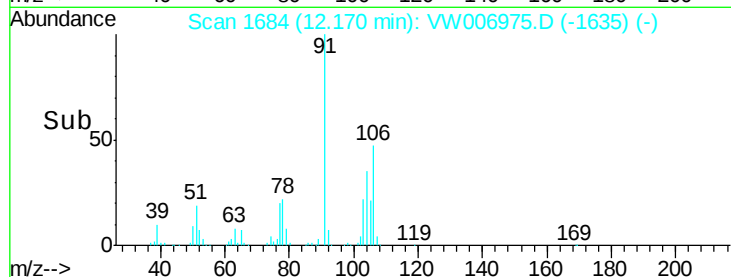
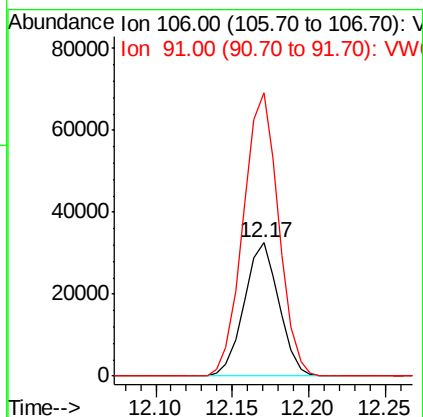
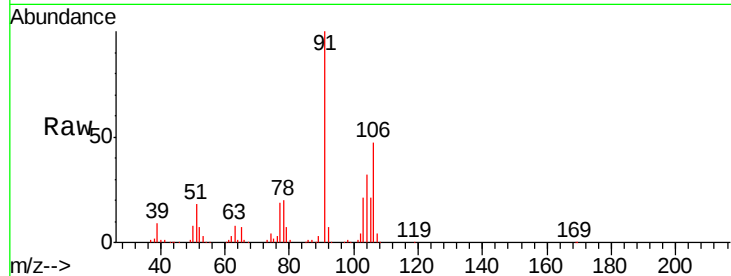
#69
o-Xylene
Concen: 20.05 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 51374
Ion Ratio Lower Upper
106 100
91 215.8 107.9 323.8

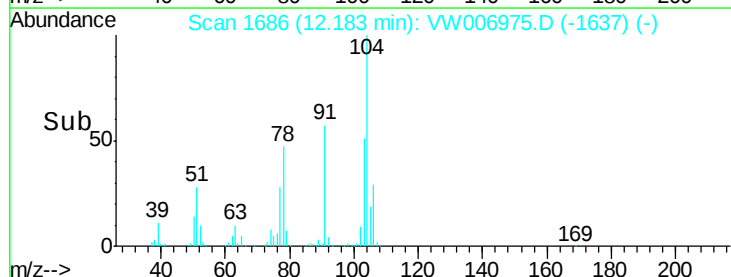
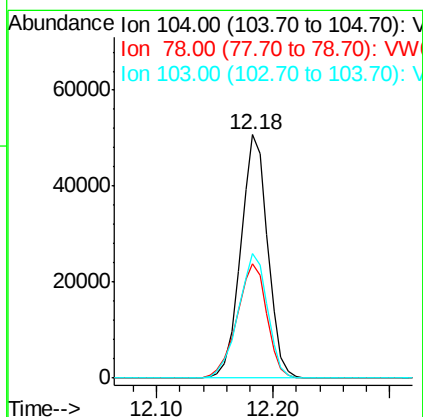
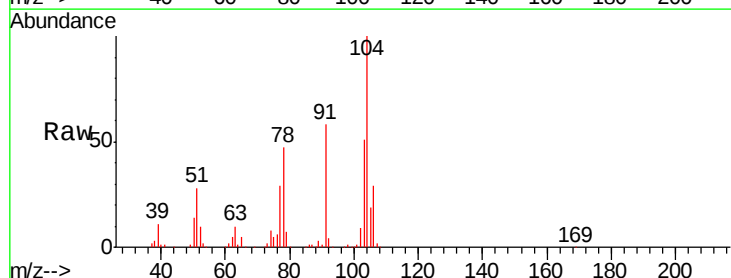
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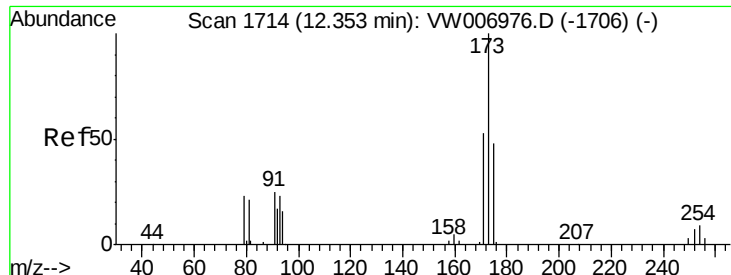
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#70
Styrene
Concen: 19.99 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Tgt Ion:104 Resp: 81520
Ion Ratio Lower Upper
104 100
78 52.3 41.8 62.8
103 55.8 44.4 66.6





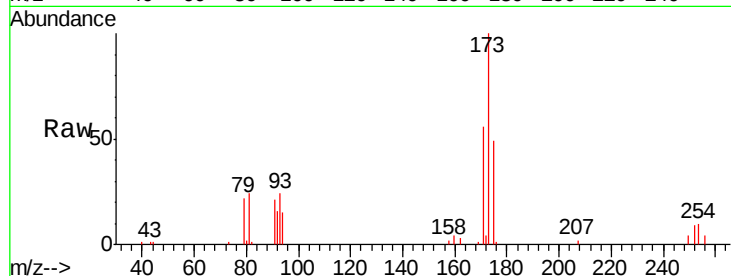
#71
Bromoform
Concen: 20.54 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

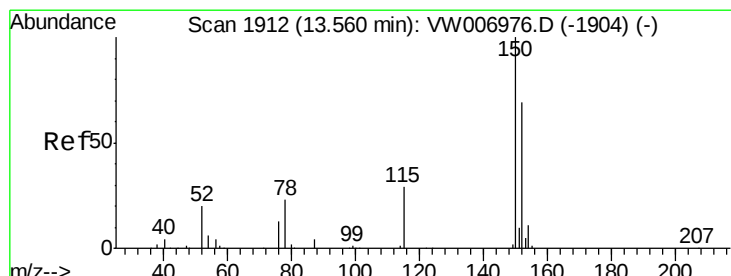
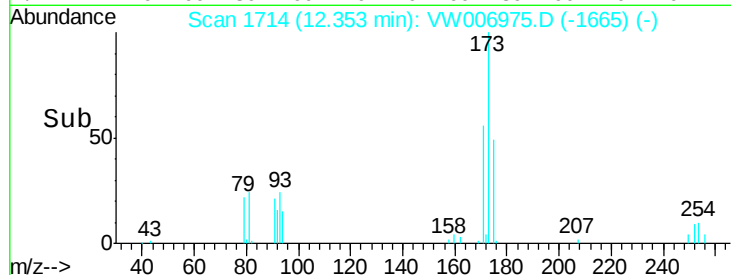
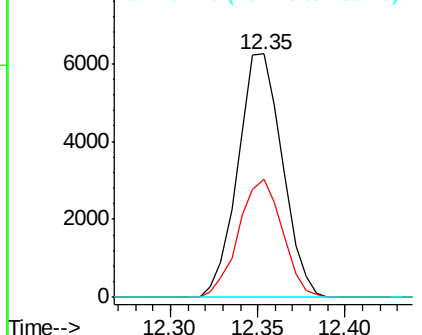
Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.7	24.0	72.0
254	0.0	0.0	0.0

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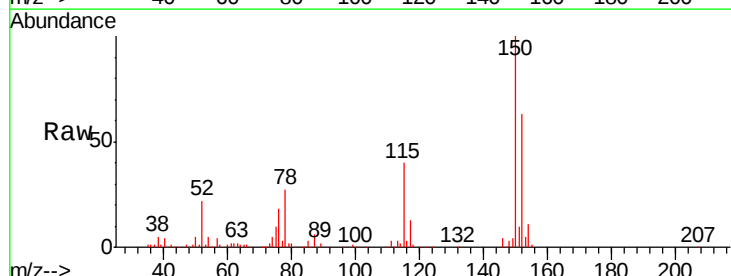


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

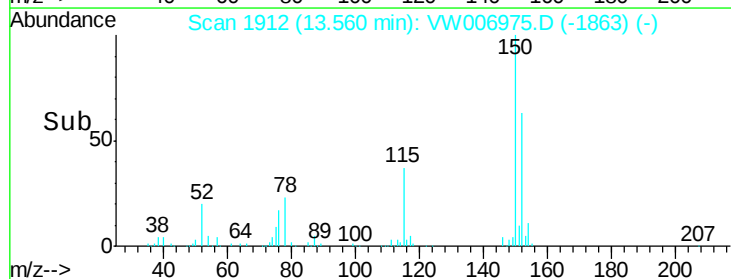
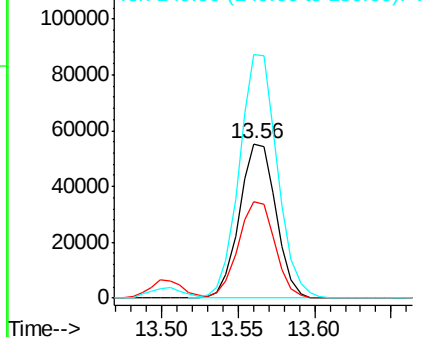


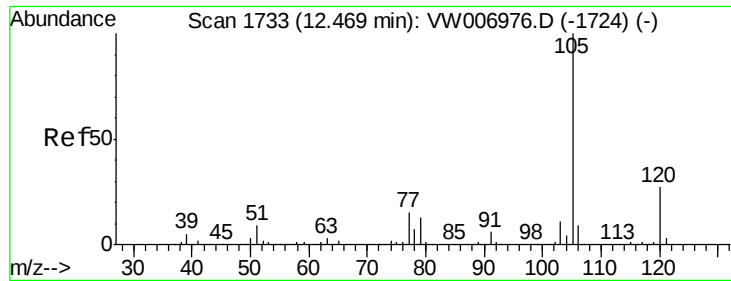
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.6	31.4	94.2
150	163.9	0.0	353.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.76 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tgt Ion: 105 Resp: 140744

Ion Ratio Lower Upper

105 100

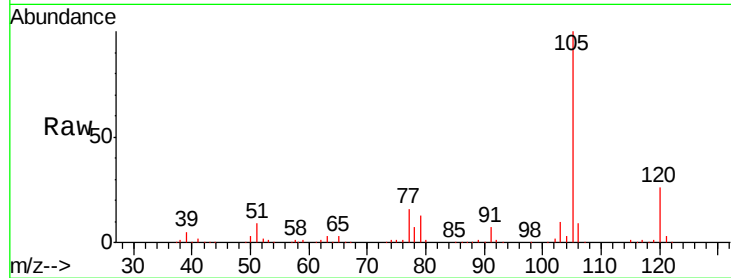
120 26.0 13.3 39.8

Manual Integrations

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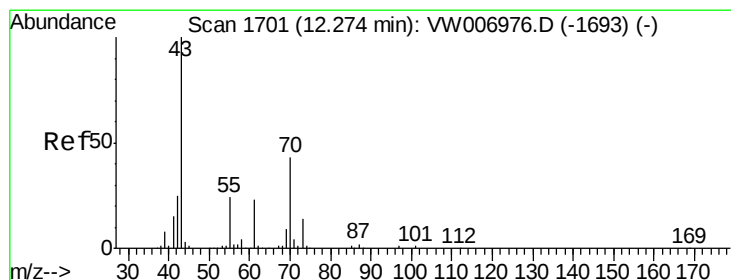
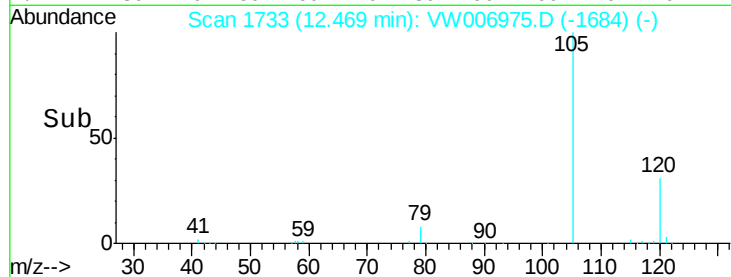
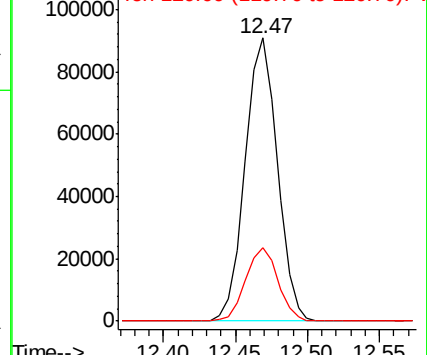
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.75 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

Tgt Ion: 43 Resp: 23579

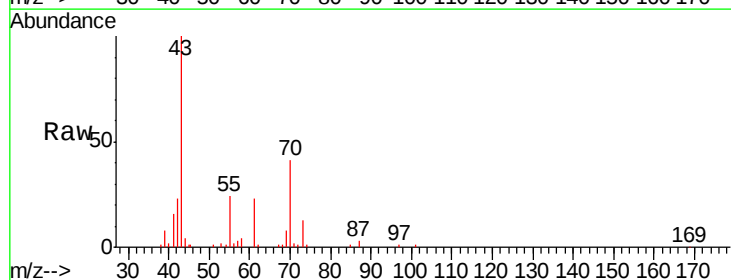
Ion Ratio Lower Upper

43 100

70 42.7 34.0 51.0

55 24.9 19.4 29.0

61 24.6 19.4 29.2

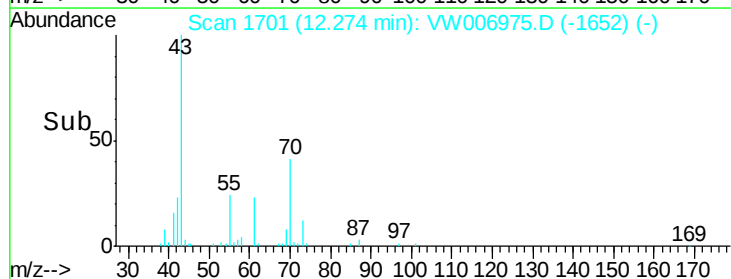
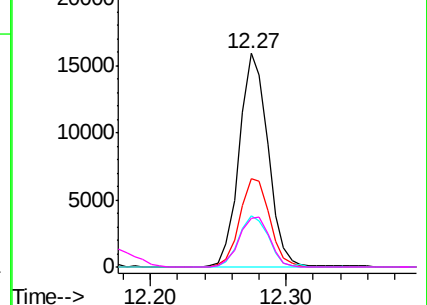


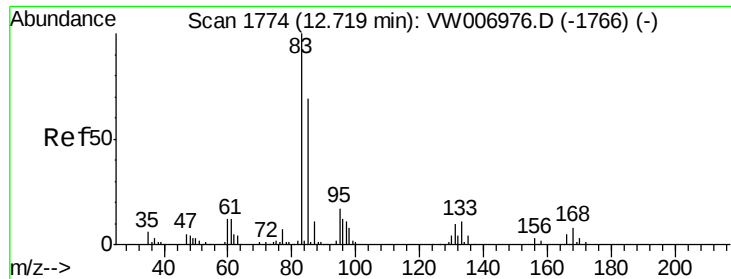
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 20.29 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

Instrument :

MSVOA_W

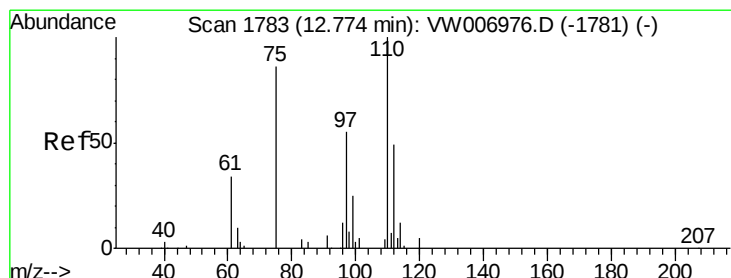
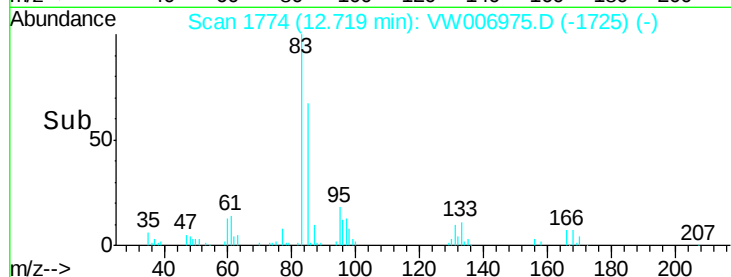
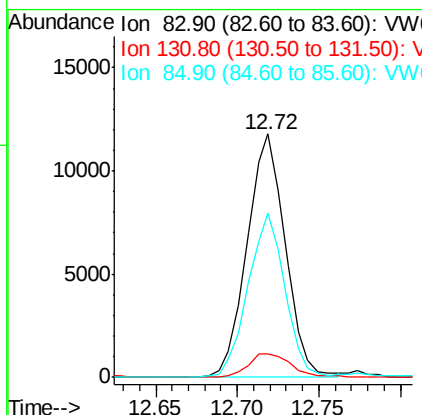
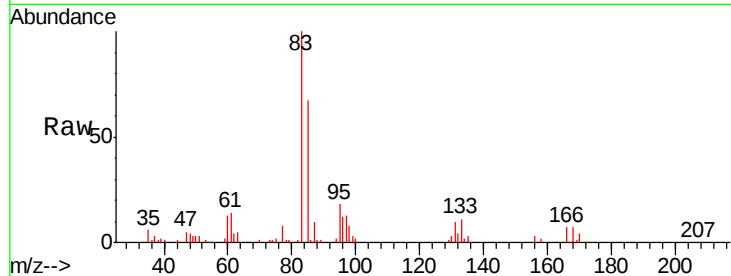
ClientSampleId :

VSTDIC020

Tgt Ion:	83	Resp:	19233
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.7	17.1
85	65.2	33.1	99.2

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#76

1,2,3-Trichloropropane

Concen: 12.61 ug/l m

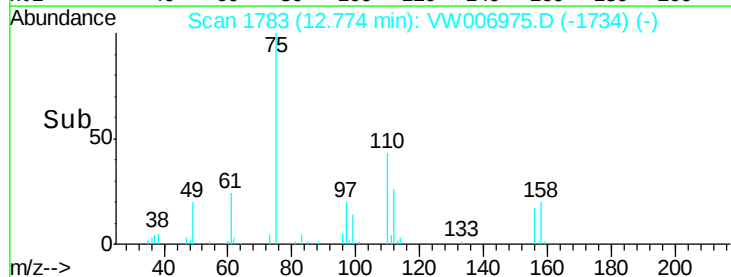
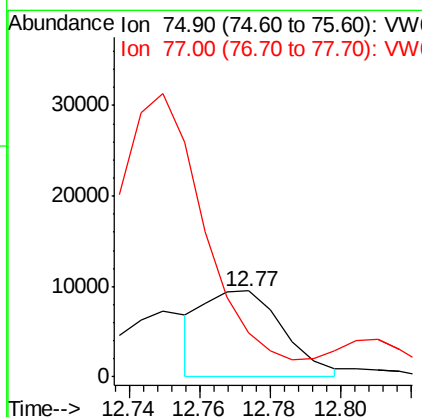
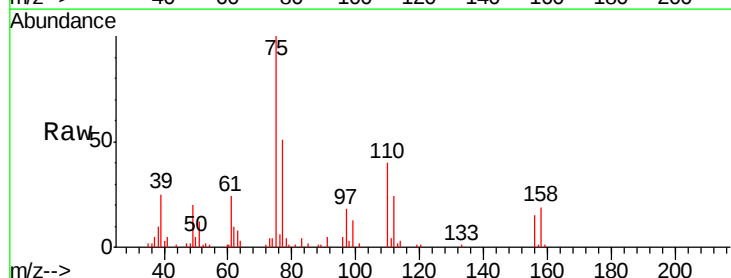
RT: 12.77 min Scan# 1783

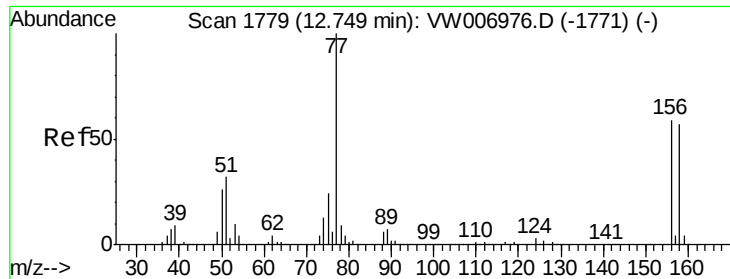
Delta R.T. 0.00 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

Tgt Ion:	75	Resp:	14959
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.19 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

Instrument :

MSVOA_W

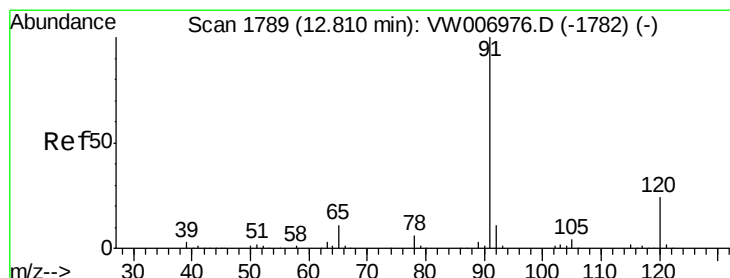
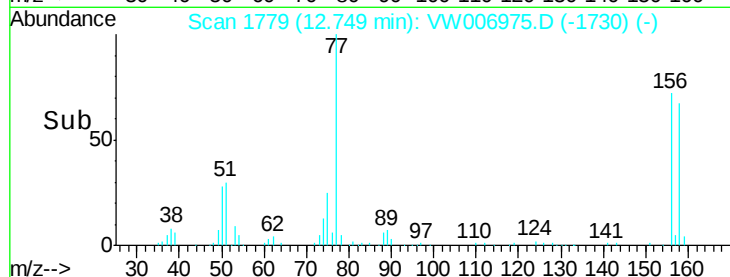
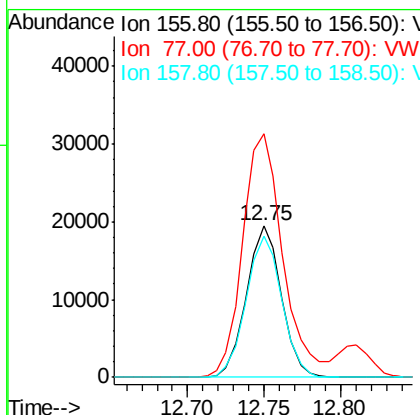
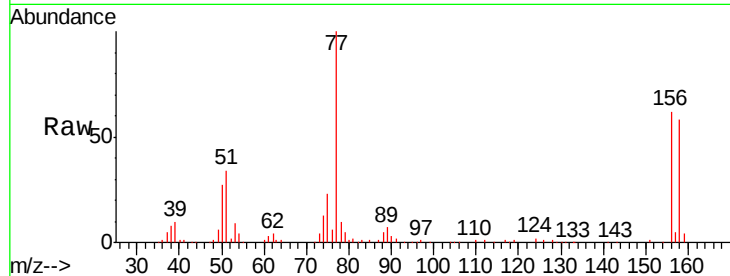
ClientSampleId :

VSTDIC020

Tgt Ion	Ratio	Lower	Upper
156	100		
77	183.1	94.6	283.8
158	95.4	48.9	146.7

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#78

n-propylbenzene

Concen: 19.76 ug/l

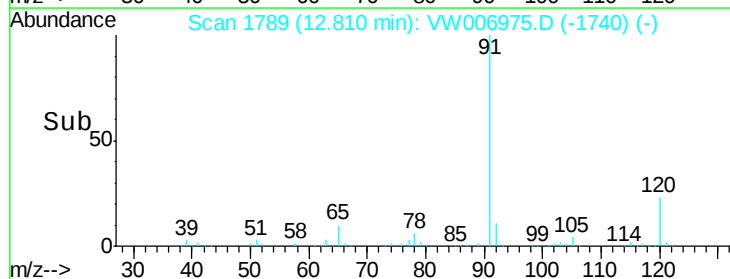
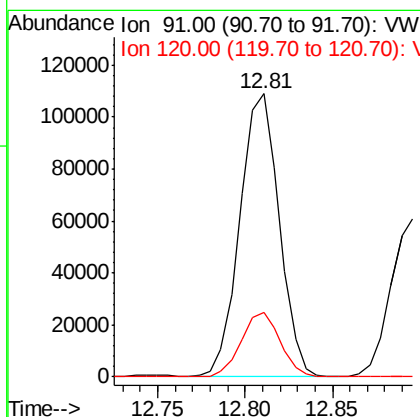
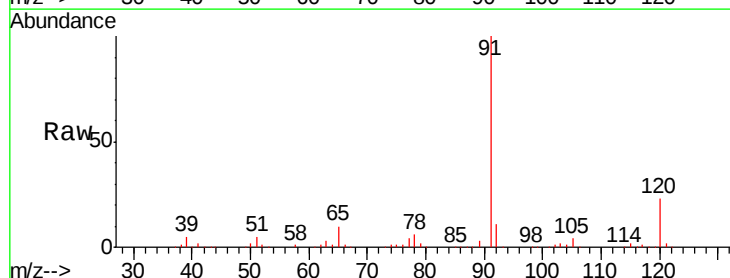
RT: 12.81 min Scan# 1789

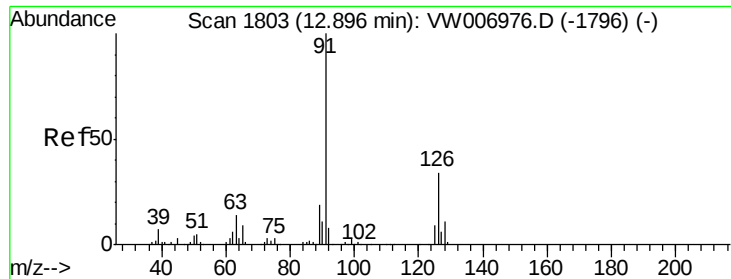
Delta R.T. 0.00 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.7	35.1





#79

2-Chlorotoluene

Concen: 19.64 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tgt Ion: 91 Resp: 97710

Ion Ratio Lower Upper

91 100

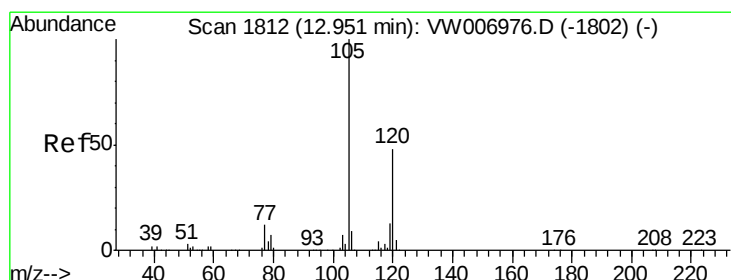
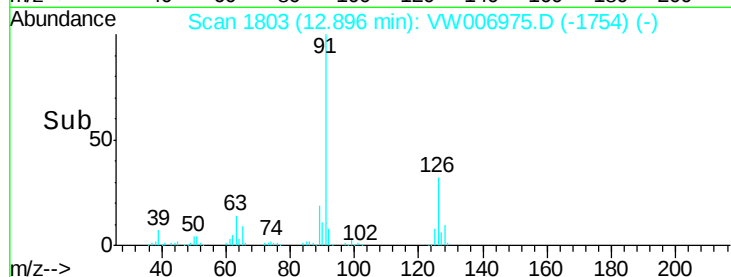
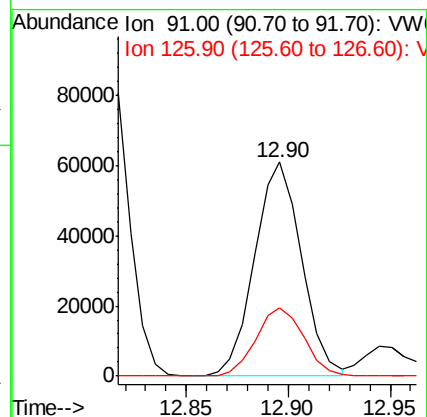
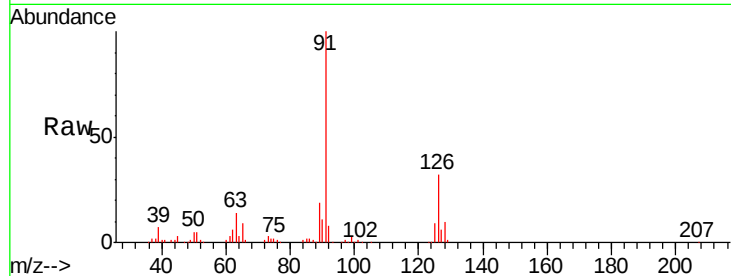
126 32.3 16.7 50.0

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#80

1,3,5-Trimethylbenzene

Concen: 19.70 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.01 min

Lab File: VW006975.D

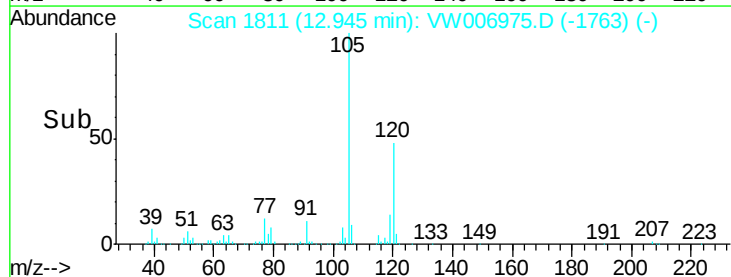
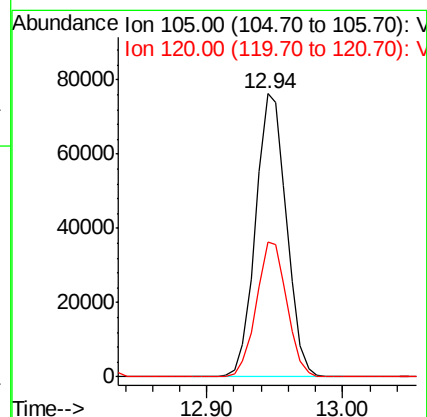
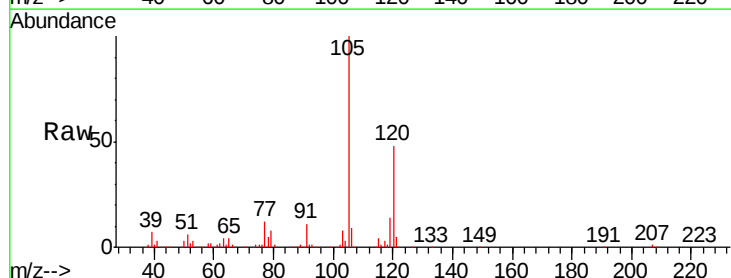
Acq: 20 Nov 2018 14:39

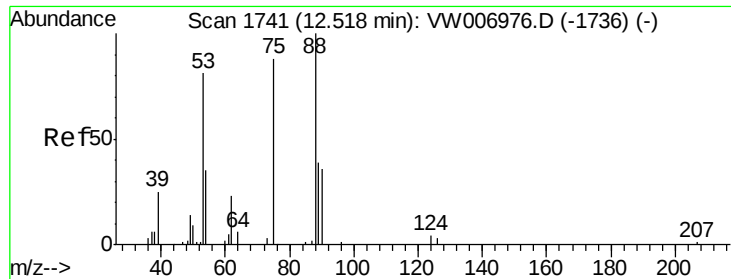
Tgt Ion: 105 Resp: 121339

Ion Ratio Lower Upper

105 100

120 47.3 23.8 71.2





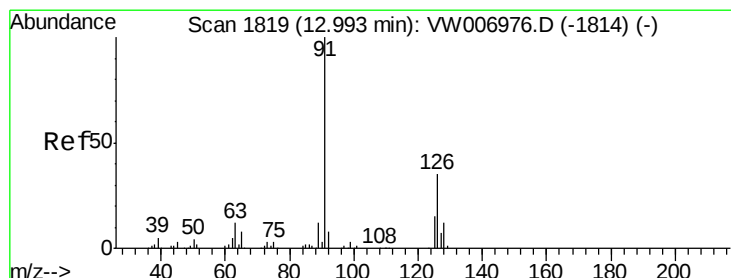
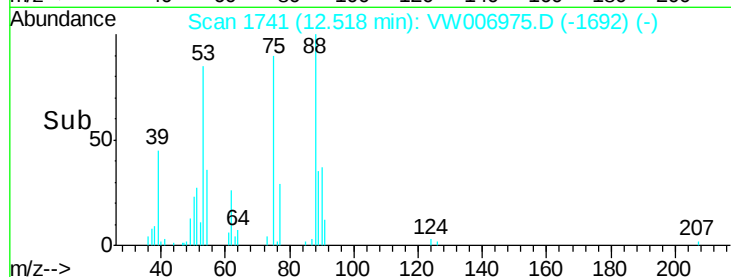
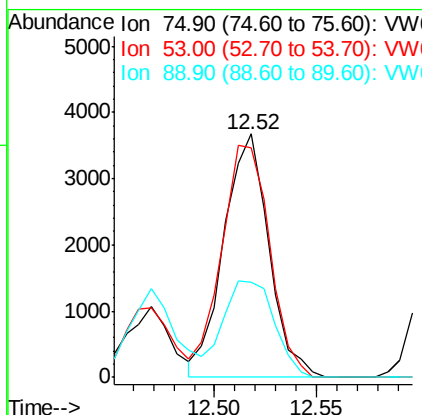
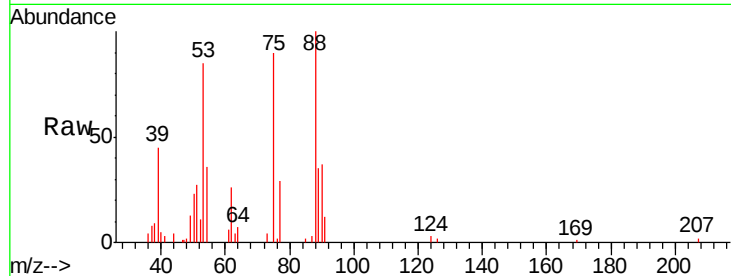
#81
trans-1,4-Dichloro-2-butene
Concen: 19.61 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
75	100		
53	102.2	77.6	116.4
89	44.8	39.3	58.9

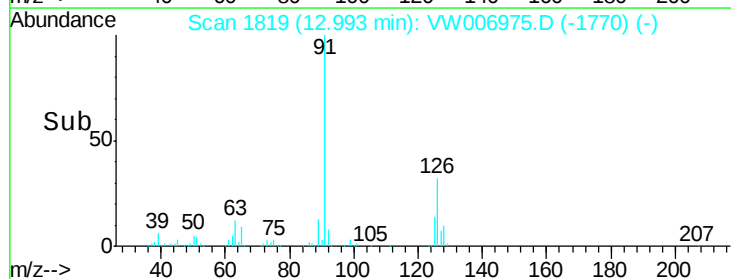
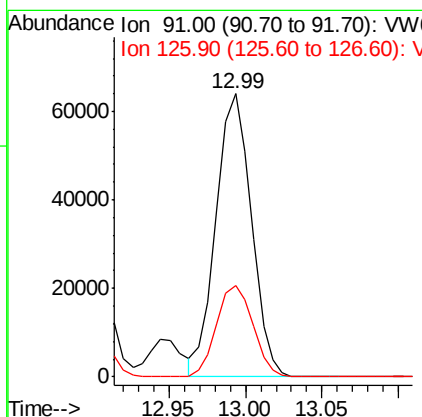
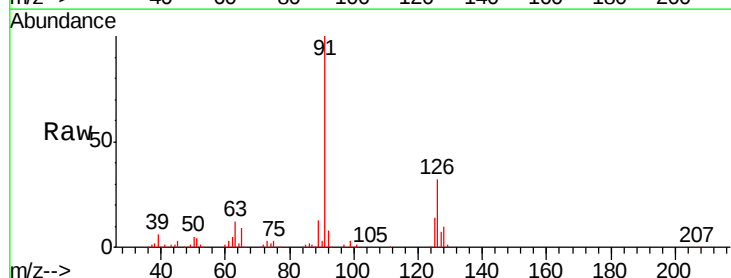
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#82
4-Chlorotoluene
Concen: 19.73 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.6	49.7





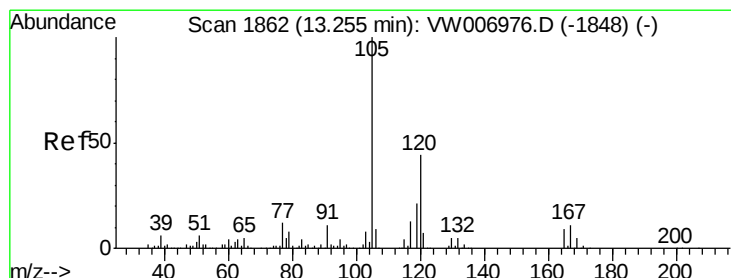
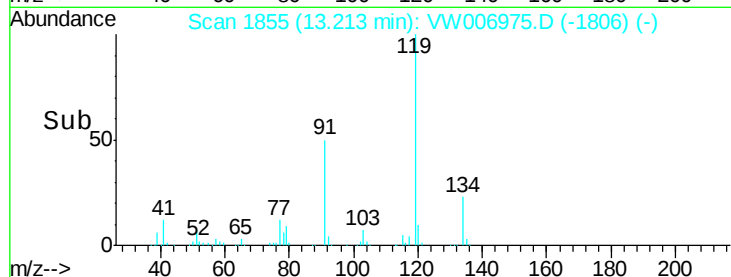
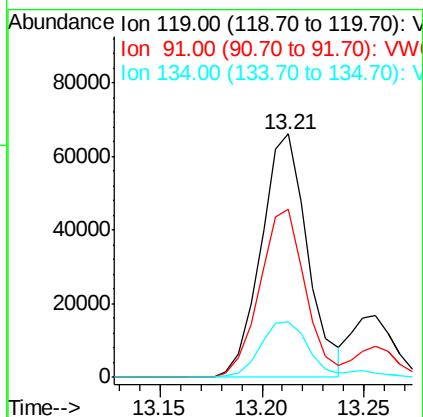
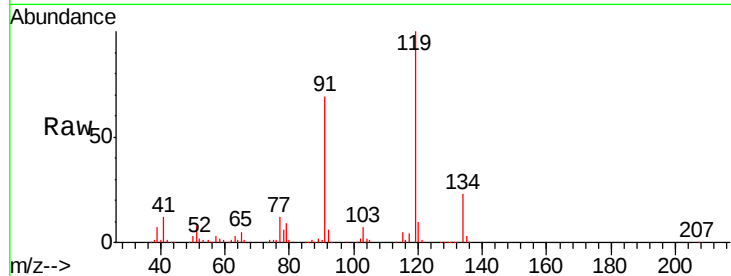
#83
 tert-Butylbenzene
 Concen: 19.69 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW006975.D
 Acq: 20 Nov 2018 14:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
119	100		
91	67.6	33.5	100.5
134	24.0	12.6	37.8

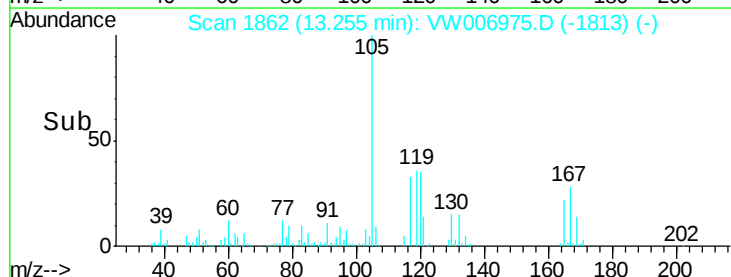
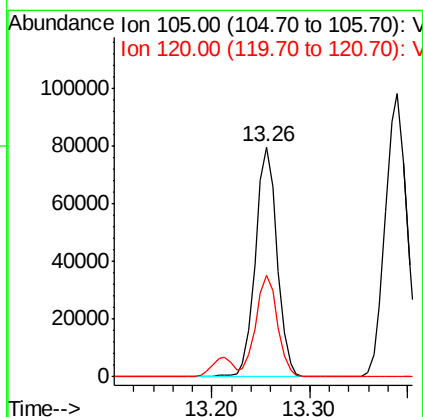
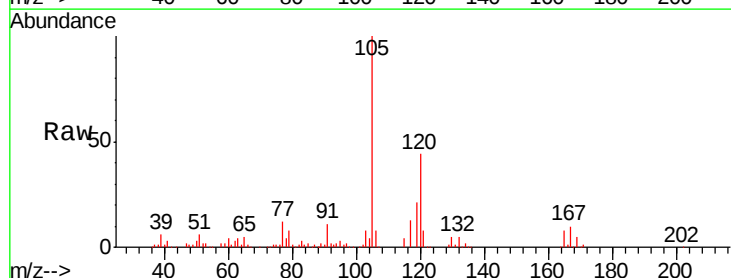
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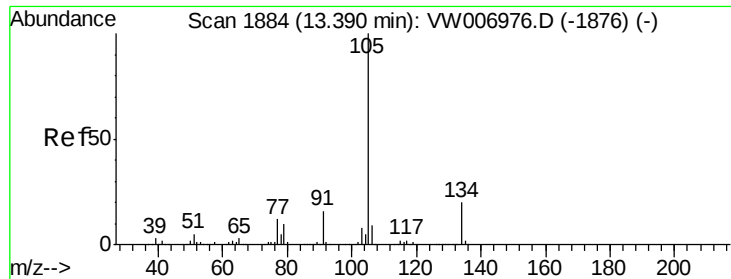
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.88 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006975.D
 Acq: 20 Nov 2018 14:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.3	21.8	65.3





#85

sec-Butylbenzene

Concen: 19.93 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tgt Ion:105 Resp: 150134

Ion Ratio Lower Upper

105 100

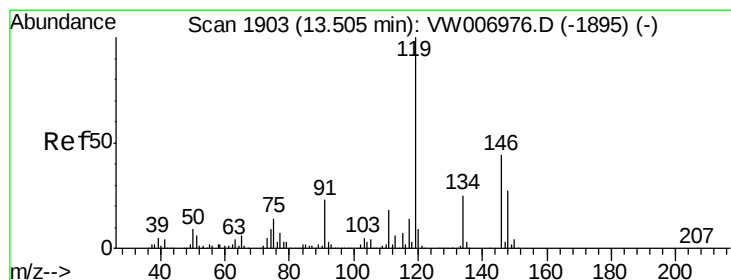
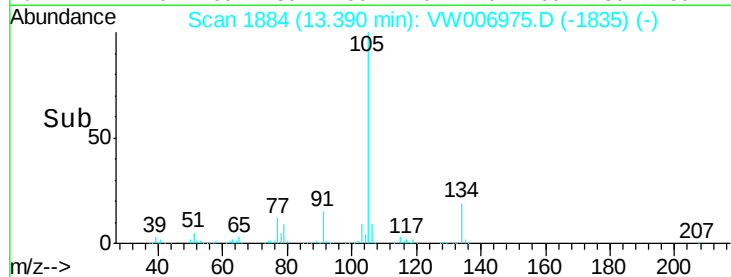
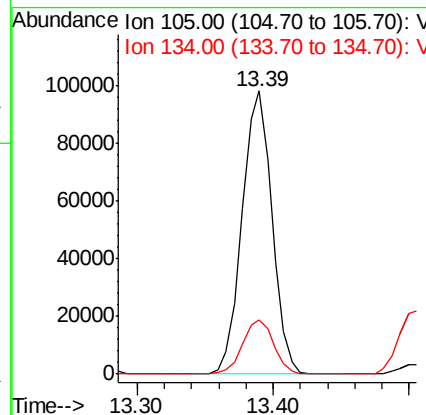
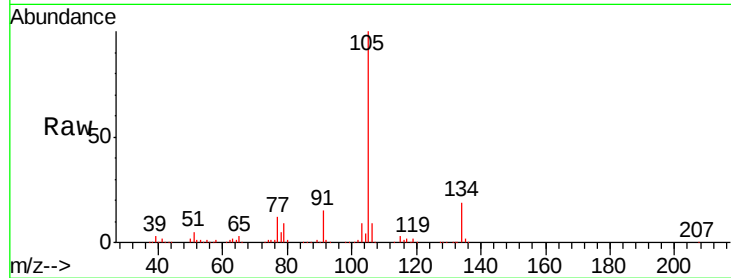
134 19.7 9.8 29.3

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#86

p-Isopropyltoluene

Concen: 19.95 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW006975.D

Acq: 20 Nov 2018 14:39

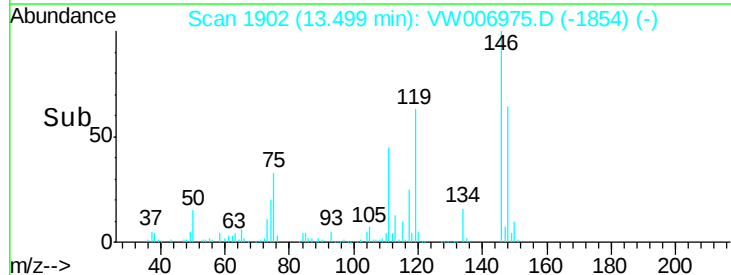
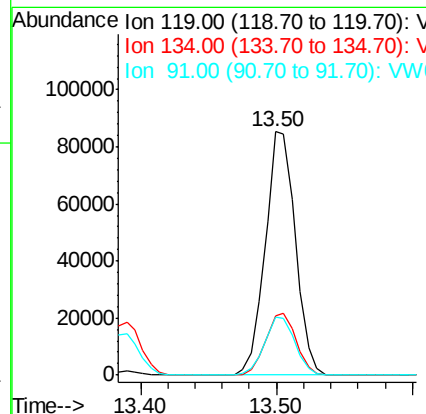
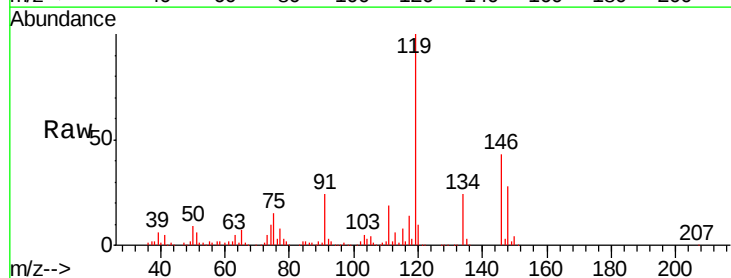
Tgt Ion:119 Resp: 132551

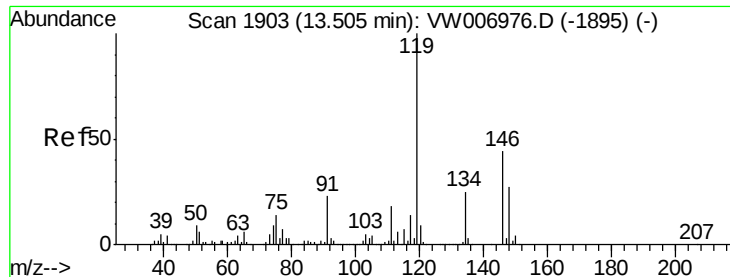
Ion Ratio Lower Upper

119 100

134 25.7 12.8 38.3

91 24.2 12.2 36.6





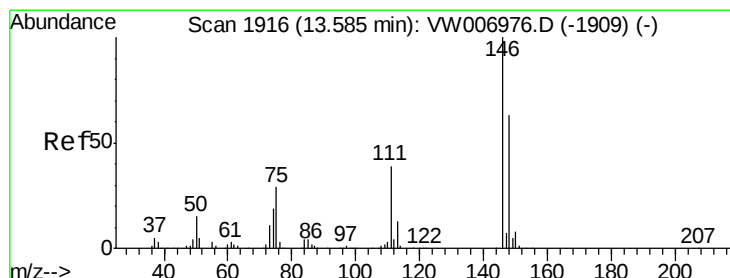
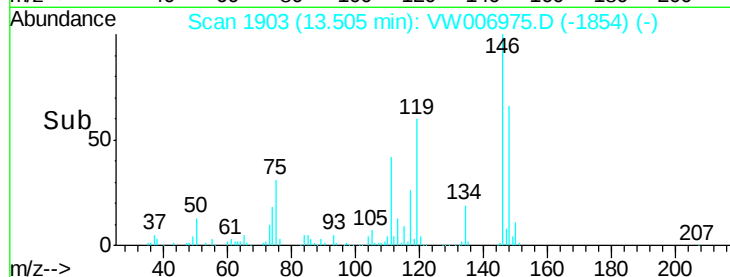
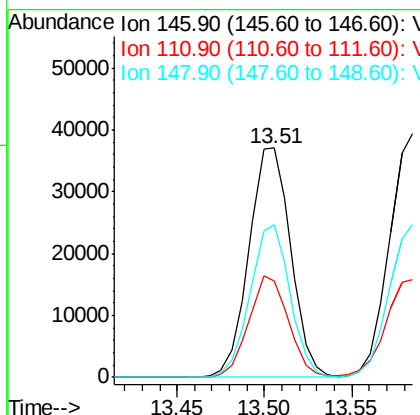
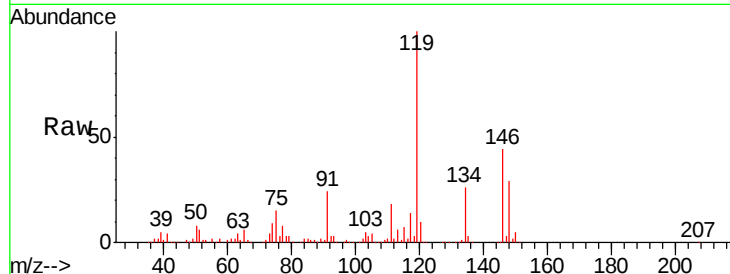
#87
 1,3-Dichlorobenzene
 Concen: 19.84 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006975.D
 Acq: 20 Nov 2018 14:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.1	63.3
148	63.6	31.6	94.8

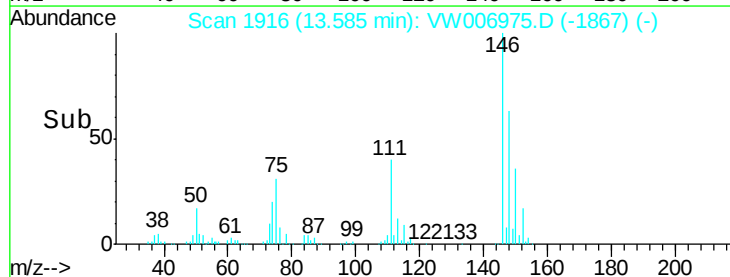
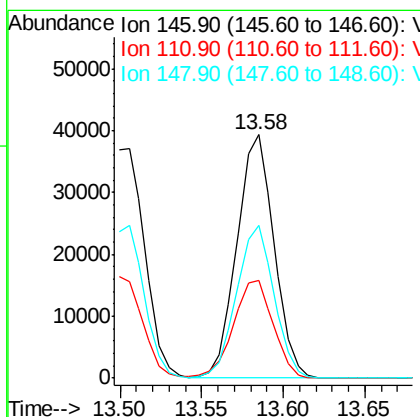
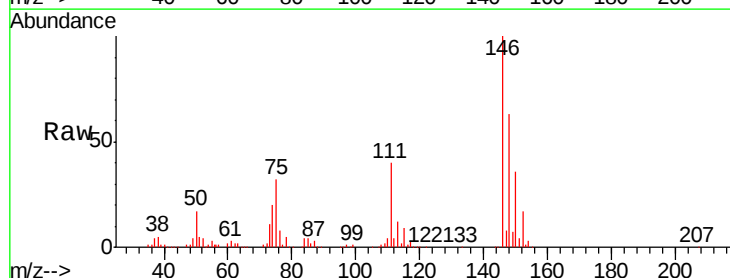
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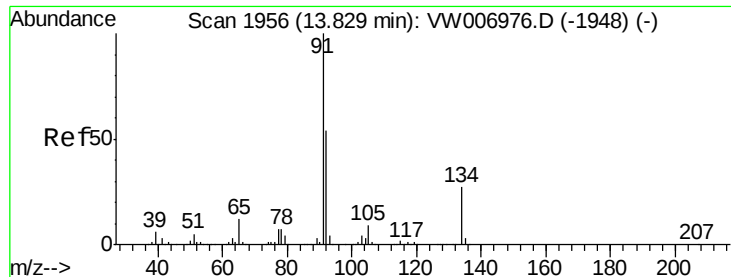
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#88
 1,4-Dichlorobenzene
 Concen: 20.09 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006975.D
 Acq: 20 Nov 2018 14:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.9	20.6	61.8
148	63.2	32.3	96.8





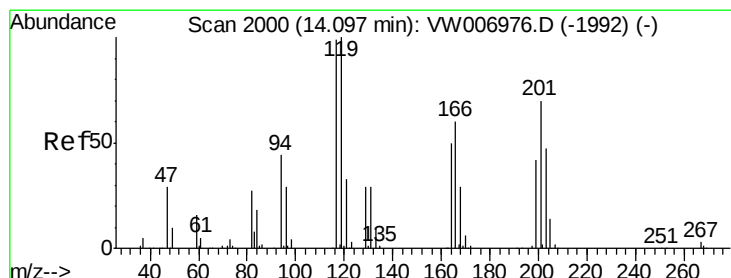
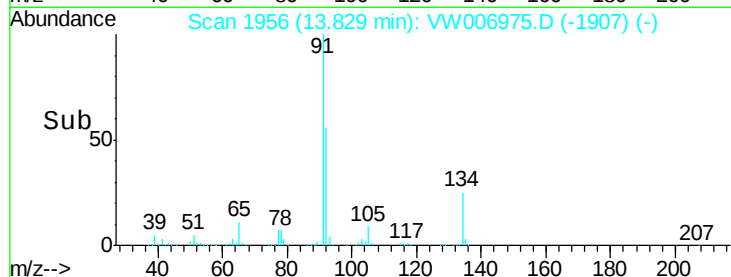
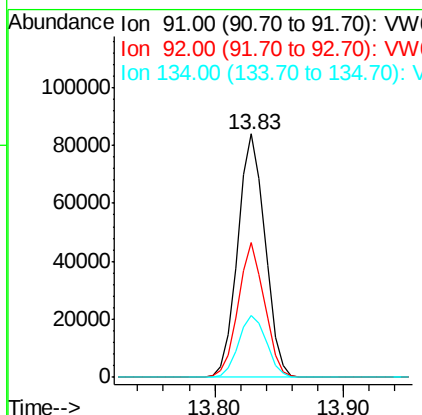
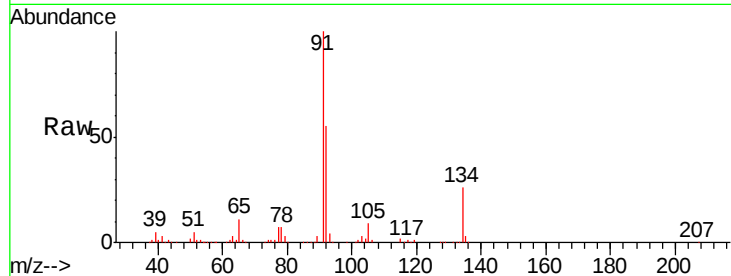
#89
n-Butylbenzene
Concen: 19.68 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.8	80.4
134	26.0	13.3	39.8

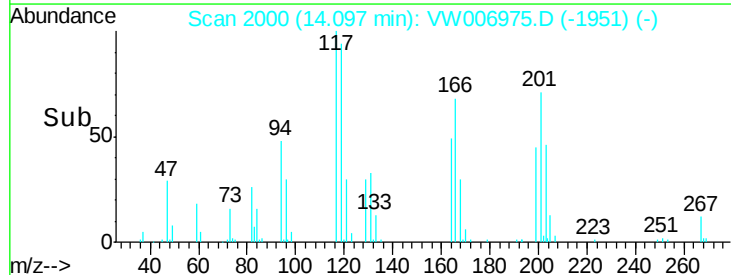
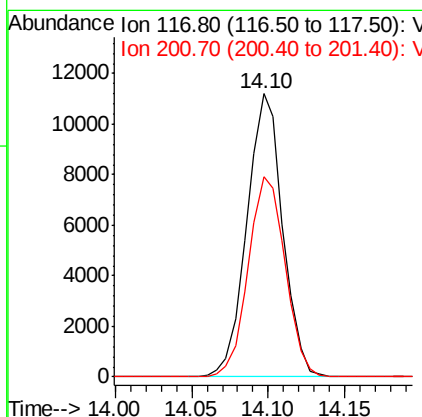
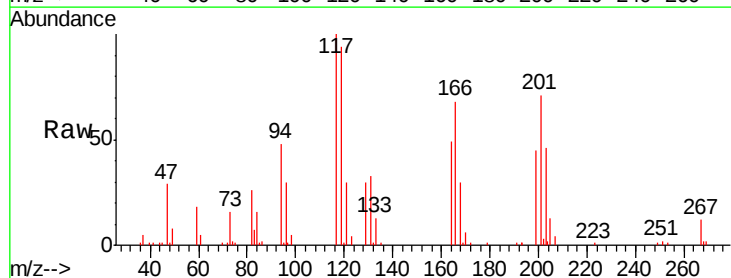
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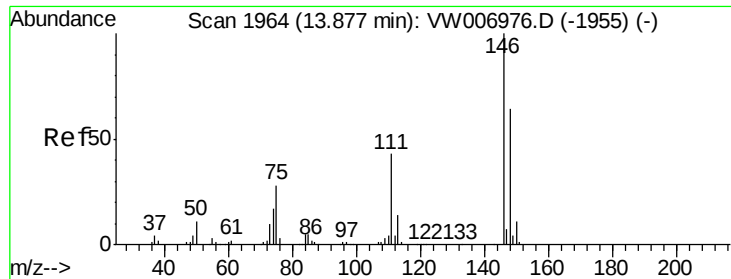
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#90
Hexachloroethane
Concen: 18.76 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.9	35.9	107.5





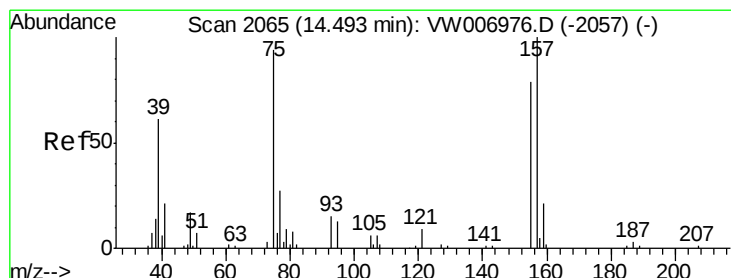
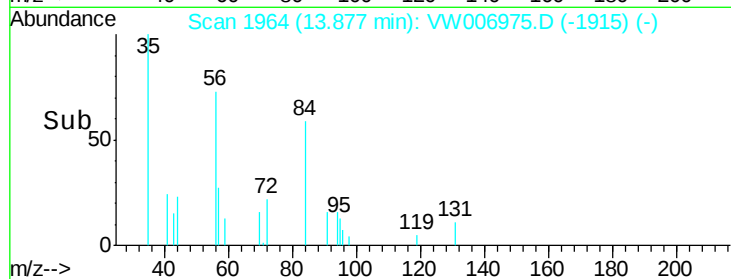
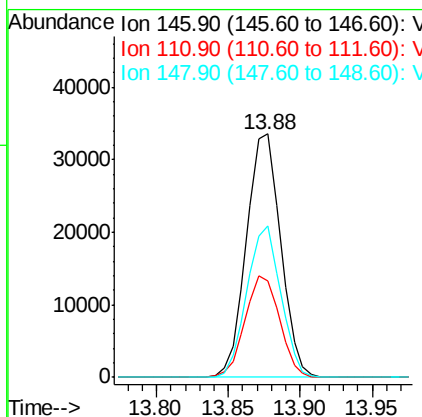
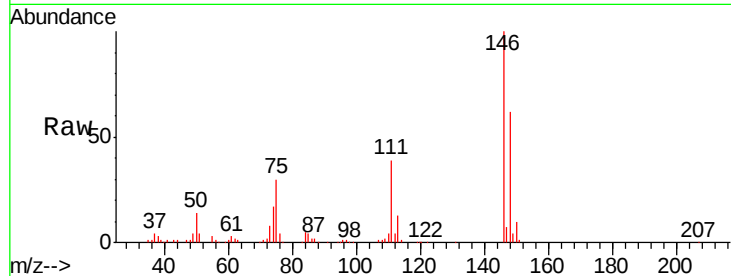
#91
 1,2-Dichlorobenzene
 Concen: 20.13 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006975.D
 Acq: 20 Nov 2018 14:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.9	65.7
148	61.6	32.2	96.6

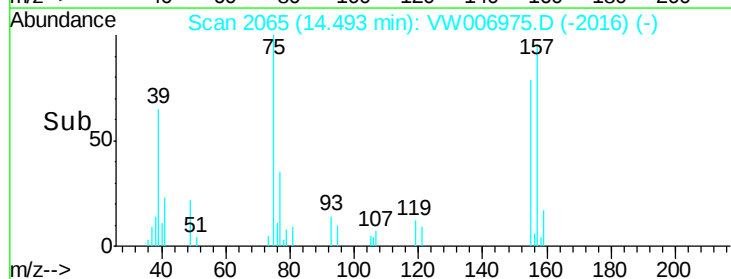
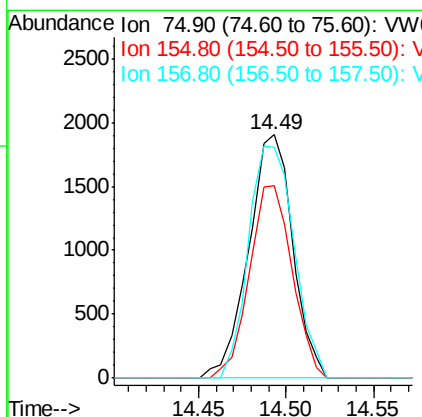
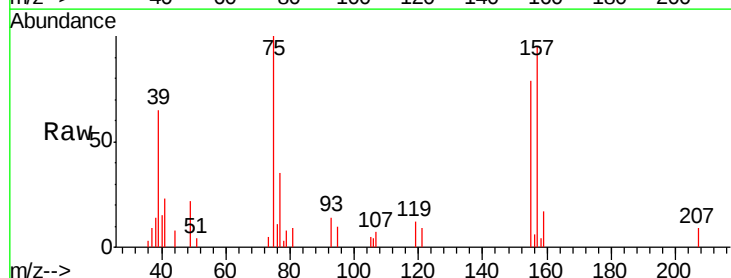
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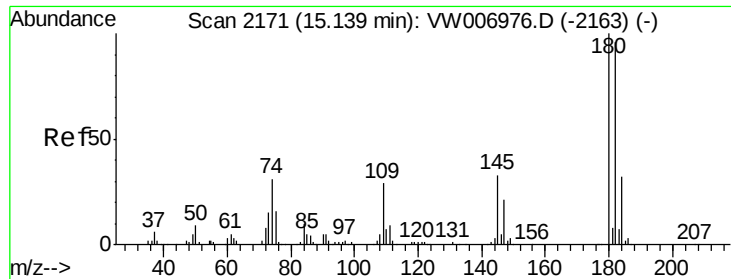
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.87 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006975.D
 Acq: 20 Nov 2018 14:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.5	42.6	127.8
157	98.1	55.0	165.0





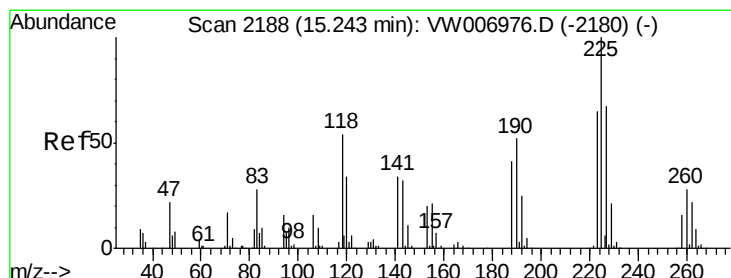
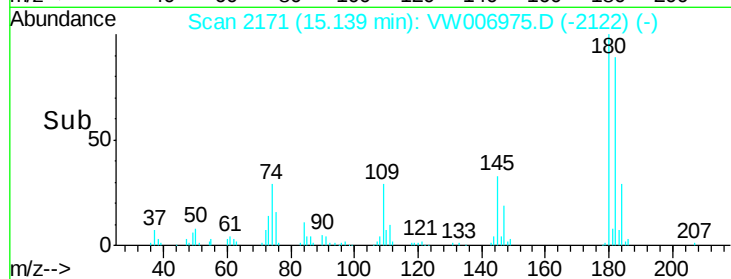
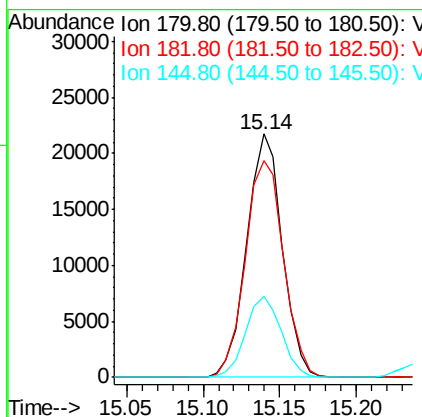
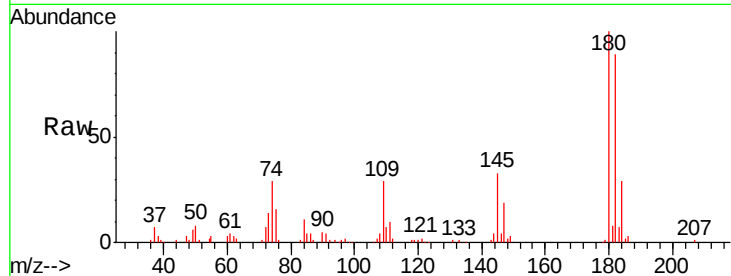
#93
1,2,4-Trichlorobenzene
Concen: 19.45 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	35100		
182	95.6	47.1	141.3	
145	33.4	16.5	49.5	

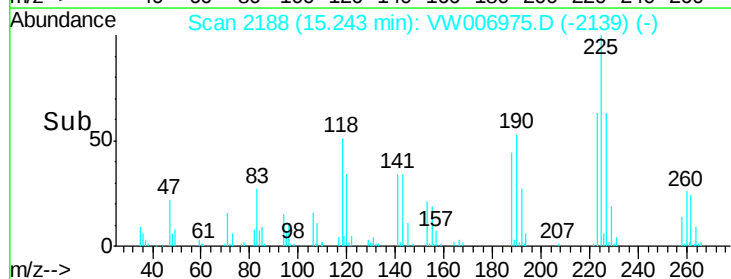
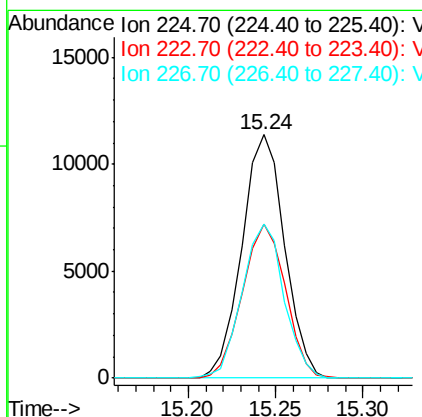
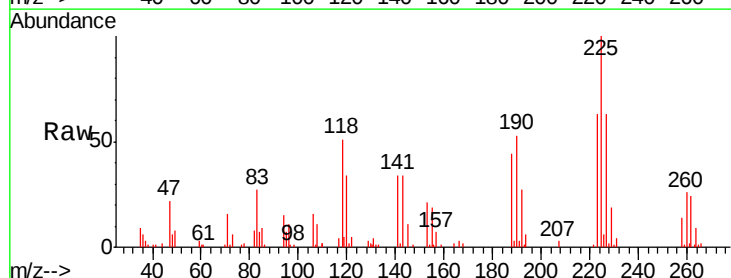
Manual Integrations
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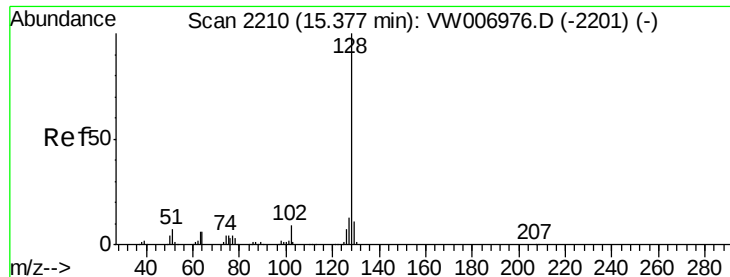
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#94
Hexachlorobutadiene
Concen: 19.65 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	19278		
223	63.6	32.4	97.0	
227	62.3	31.9	95.5	





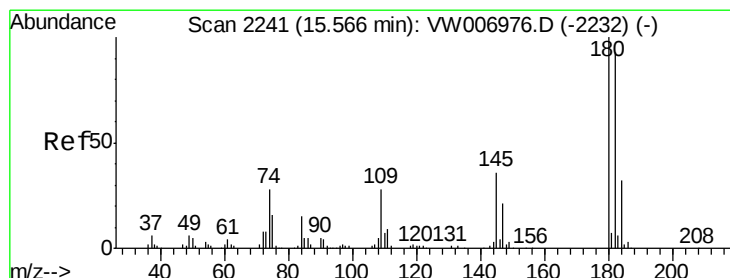
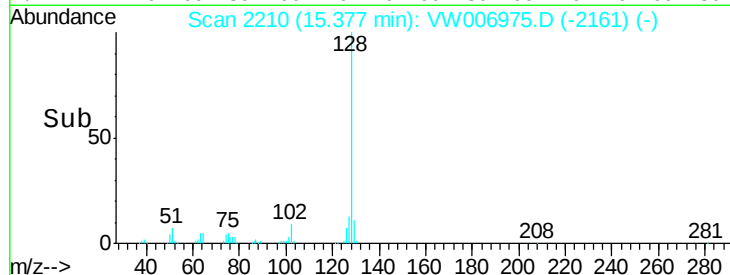
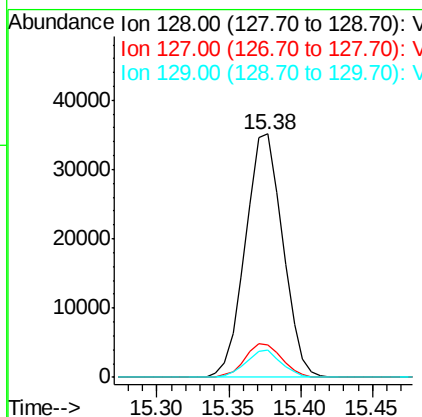
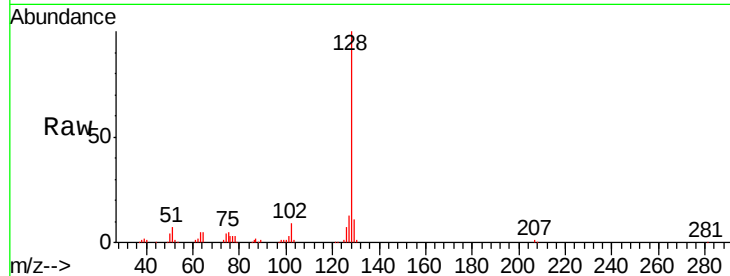
#95
Naphthalene
Concen: 19.28 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.5	15.7
129	10.6	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.63 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006975.D
Acq: 20 Nov 2018 14:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.0	141.2
145	34.9	18.0	54.0

