

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111218\
 Data File : VW006805.D
 Acq On : 12 Nov 2018 13:16
 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
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 11/13/2018 11:53:37 AM

Quant Time: Nov 12 14:21:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 14:08:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	345236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	455284	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	437710	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	249874	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	51864	20.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.00%	
35) Dibromofluoromethane	7.89	113	54698	21.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.22%	
50) Toluene-d8	10.33	98	224692	20.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.20%	
62) 4-Bromofluorobenzene	12.62	95	82599	20.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.60%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	63315	22.557	ug/l	98
3) Chloromethane	2.21	50	67610	20.064	ug/l	99
4) Vinyl Chloride	2.35	62	70836	19.995	ug/l	99
5) Bromomethane	2.78	94	44265	18.535	ug/l	98
6) Chloroethane	2.92	64	43620	18.814	ug/l	97
7) Trichlorofluoromethane	3.26	101	93858	21.086	ug/l	95
8) Diethyl Ether	3.69	74	27062	20.898	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	63206	21.370	ug/l	99
10) Methyl Iodide	4.28	142	84750	20.625	ug/l	99
11) Tert butyl alcohol	5.22	59	15227	91.437	ug/l #	72
12) 1,1-Dichloroethene	4.04	96	52279	21.198	ug/l	97
13) Acrolein	3.90	56	18239	105.161	ug/l	97
14) Allyl chloride	4.68	41	67514	20.307	ug/l	99
15) Acrylonitrile	5.38	53	48164	92.922	ug/l	99
16) Acetone	4.15	43	33674	91.942	ug/l	97
17) Carbon Disulfide	4.38	76	162533	19.978	ug/l	98
18) Methyl Acetate	4.68	43	23757	18.484	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	128898	21.339	ug/l	100
20) Methylene Chloride	4.92	84	78557	22.187	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	61414	20.819	ug/l	99
22) Diisopropyl ether	6.32	45	147816	21.097	ug/l	96
23) Vinyl Acetate	6.26	43	418058	104.621	ug/l	99
24) 1,1-Dichloroethane	6.22	63	94489	20.616	ug/l	99
25) 2-Butanone	7.18	43	60940	100.774	ug/l	96
26) 2,2-Dichloropropane	7.17	77	96773	22.161	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	64720	20.475	ug/l	98
28) Bromochloromethane	7.52	49	32632	19.009	ug/l	98
29) Tetrahydrofuran	7.54	42	37973	95.807	ug/l	98
30) Chloroform	7.68	83	103792	20.437	ug/l	100
31) Cyclohexane	7.96	56	101856	21.578	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	104297	21.639	ug/l	99
36) 1,1-Dichloropropene	8.09	75	90402	21.882	ug/l	100
37) Ethyl Acetate	7.26	43	29215	19.913	ug/l	99
38) Carbon Tetrachloride	8.07	117	96744	21.917	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	108093	20.550	ug/l	100
40) Benzene	8.33	78	238182	20.417	ug/l	99
41) Methacrylonitrile	7.49	41	17354	20.388	ug/l	94
42) 1,2-Dichloroethane	8.40	62	64898	20.437	ug/l	100
43) Isopropyl Acetate	8.43	43	54117	19.676	ug/l	99
44) Trichloroethene	9.09	130	77224	21.530	ug/l	100
45) 1,2-Dichloropropane	9.37	63	57880	21.125	ug/l	97
46) Dibromomethane	9.46	93	30901	20.088	ug/l	98
47) Bromodichloromethane	9.65	83	79313	21.248	ug/l	96
48) Methyl methacrylate	9.44	41	25323	19.549	ug/l	99
49) 1,4-Dioxane	9.48	88	8351	362.624	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	132624	93.855	ug/l	99
52) Toluene	10.39	92	165759	20.210	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	75526	20.867	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	91691	21.367	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	46086	20.337	ug/l	98
56) Ethyl methacrylate	10.65	69	47948	19.161	ug/l	99
57) 1,3-Dichloropropane	10.93	76	74420	20.543	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	127933	102.657	ug/l	99
59) 2-Hexanone	10.97	43	90140	94.126	ug/l	99
60) Dibromochloromethane	11.13	129	56025	20.568	ug/l	100
61) 1,2-Dibromoethane	11.24	107	43063	19.752	ug/l	100
64) Tetrachloroethene	10.87	164	68659	20.541	ug/l	97
65) Chlorobenzene	11.66	112	190624	20.460	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	63093	21.139	ug/l	100
67) Ethyl Benzene	11.73	91	322923	20.603	ug/l	100
68) m/p-Xylenes	11.84	106	265451	41.521	ug/l	100
69) o-Xylene	12.17	106	122683	20.844	ug/l	99
70) Styrene	12.18	104	195967	20.484	ug/l	100
71) Bromoform	12.35	173	33659	20.359	ug/l #	98
73) Isopropylbenzene	12.47	105	332479	20.680	ug/l	99
74) N-amyl acetate	12.27	43	49874	19.032	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	46717	19.505	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	34487m	18.926	ug/l	
77) Bromobenzene	12.75	156	84855	20.412	ug/l	100
78) n-propylbenzene	12.81	91	395154	20.686	ug/l	99
79) 2-Chlorotoluene	12.90	91	221482	20.581	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	287936	20.671	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	13782	20.109	ug/l	98
82) 4-Chlorotoluene	12.99	91	236656	20.576	ug/l	100
83) tert-Butylbenzene	13.21	119	250669	20.826	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	294458	20.632	ug/l	99
85) sec-Butylbenzene	13.39	105	357919	20.777	ug/l	100
86) p-Isopropyltoluene	13.51	119	324261	20.636	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	173039	20.489	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	171404	20.377	ug/l	99
89) n-Butylbenzene	13.83	91	296505	20.445	ug/l	99
90) Hexachloroethane	14.10	117	51192	20.766	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	150910	20.426	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7136	18.451	ug/l	96

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ClientSampleId :
VSTDICC020

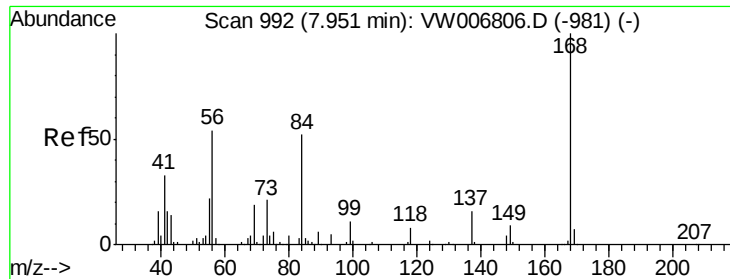
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	111836	20.448	ug/l	100
94) Hexachlorobutadiene	15.24	225	70969	20.618	ug/l	99
95) Naphthalene	15.38	128	162278	19.391	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	93931	19.854	ug/l	100

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



#1

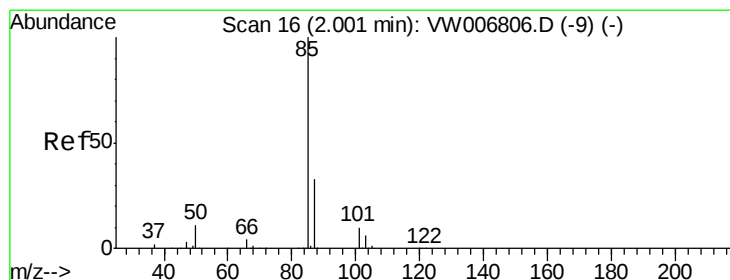
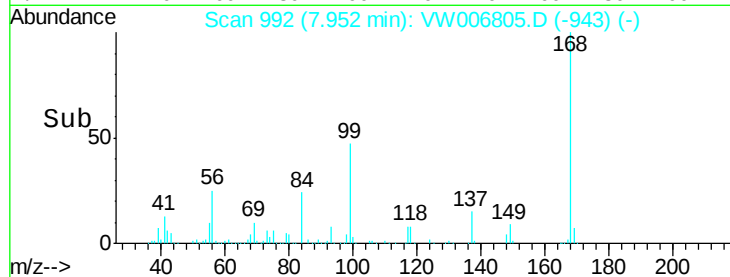
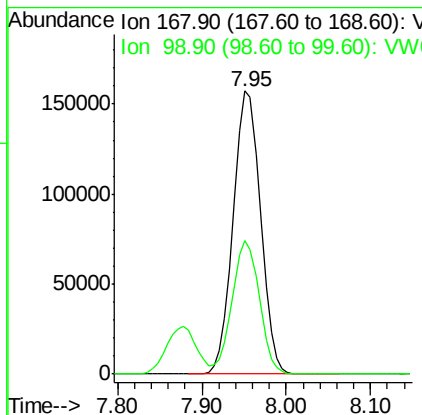
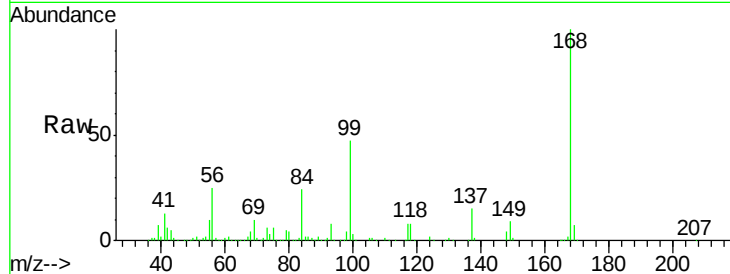
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: VW006805.D
 Acq: 12 Nov 2018 13:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
168	100		
99	47.0	37.3	55.9

Manual Integrations
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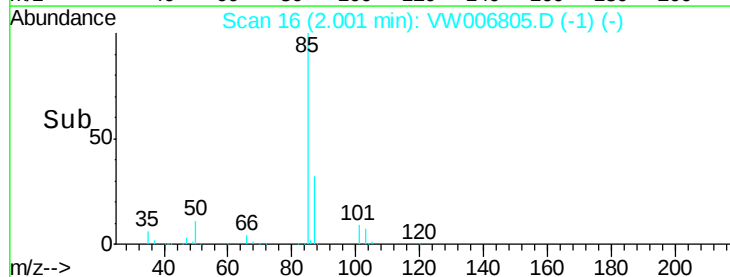
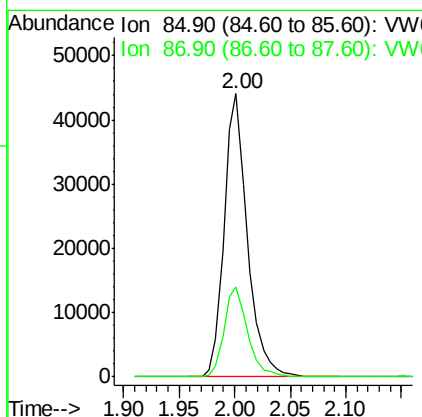
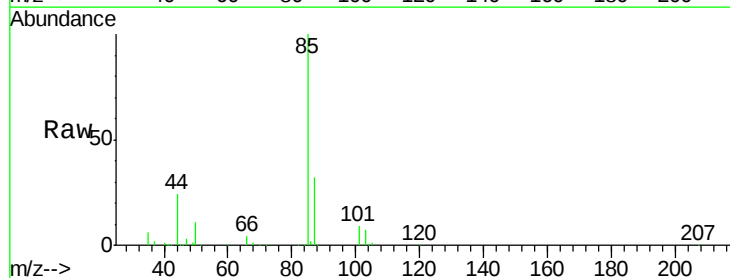
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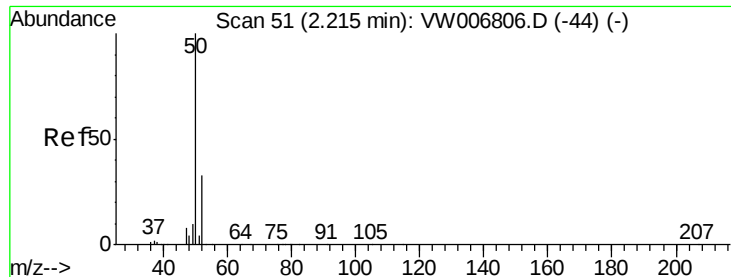


#2

Dichlorodifluoromethane
 Concen: 22.557 ug/l
 RT: 2.00 min Scan# 16
 Delta R.T. 0.00 min
 Lab File: VW006805.D
 Acq: 12 Nov 2018 13:16

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.7	16.4	49.4





#3

Chloromethane

Concen: 20.064 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tgt Ion: 50 Resp: 67610

Ion Ratio Lower Upper

50 100

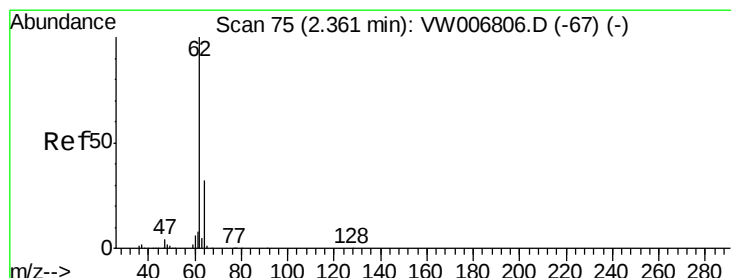
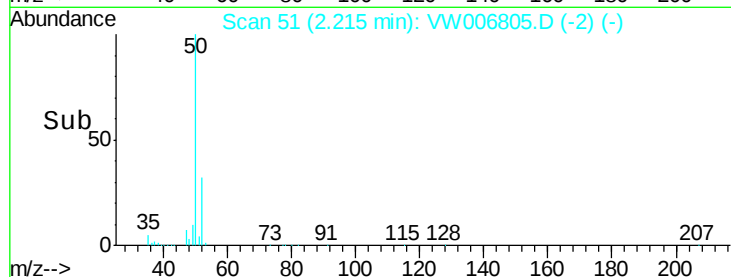
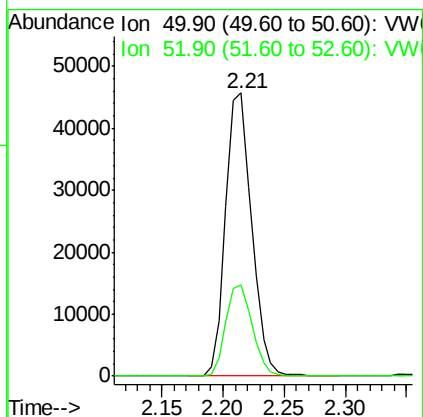
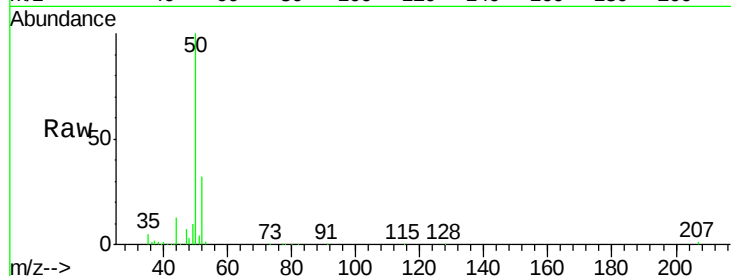
52 32.2 26.2 39.4

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#4

Vinyl Chloride

Concen: 19.995 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW006805.D

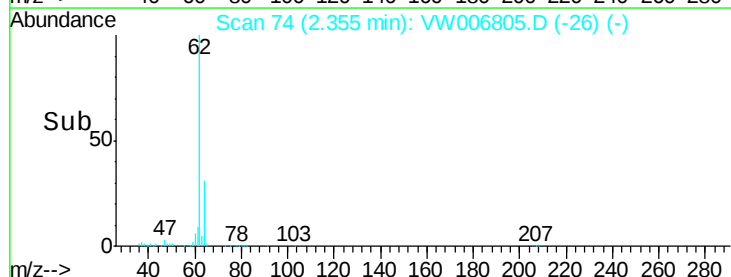
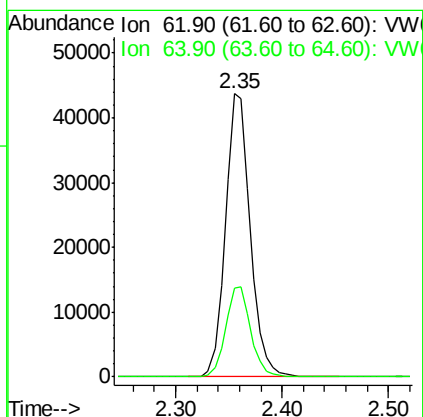
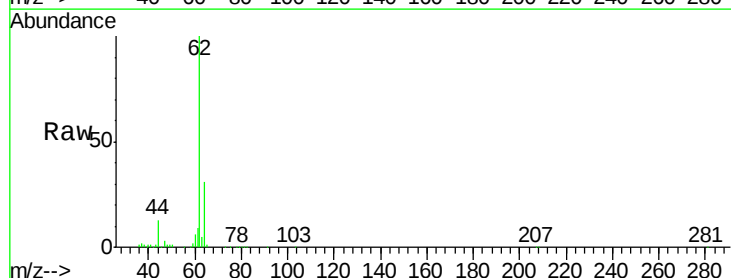
Acq: 12 Nov 2018 13:16

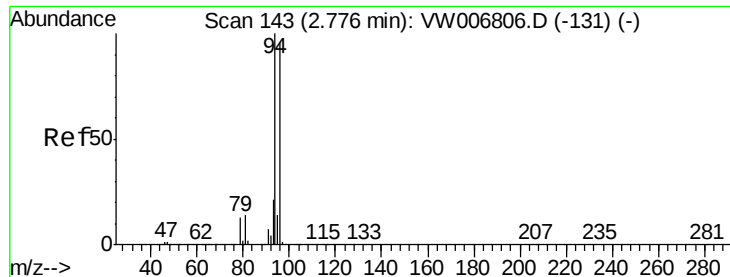
Tgt Ion: 62 Resp: 70836

Ion Ratio Lower Upper

62 100

64 31.2 25.6 38.4





#5

Bromomethane

Concen: 18.535 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tgt Ion: 94 Resp: 44265

Ion Ratio Lower Upper

94 100

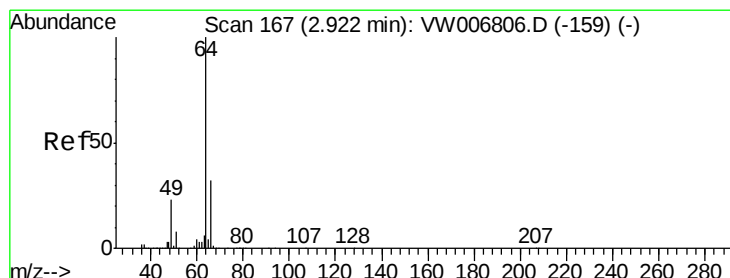
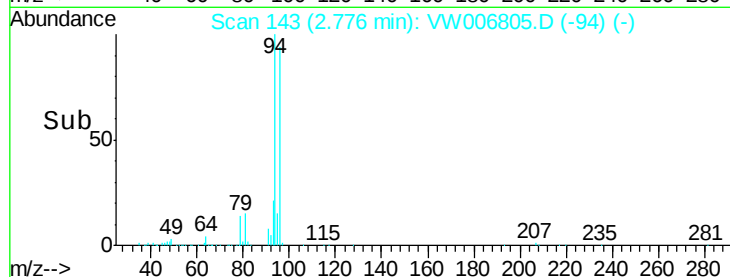
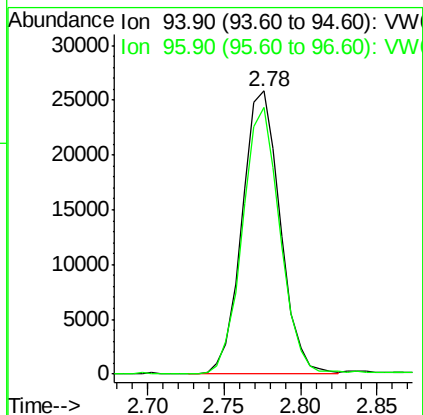
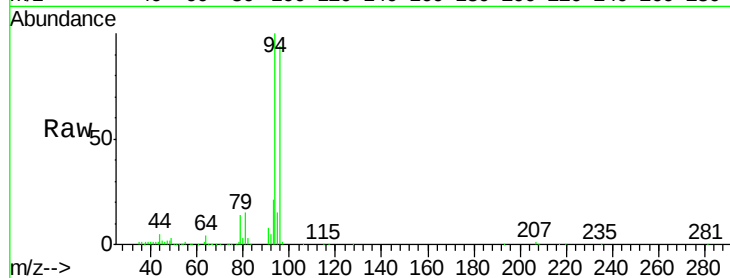
96 94.2 76.8 115.2

Manual Integrations

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#6

Chloroethane

Concen: 18.814 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW006805.D

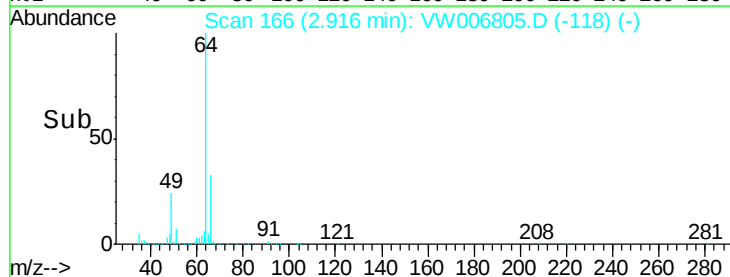
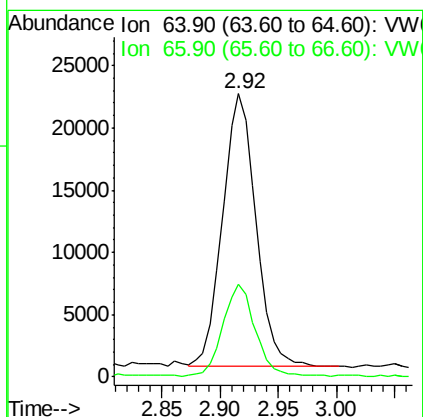
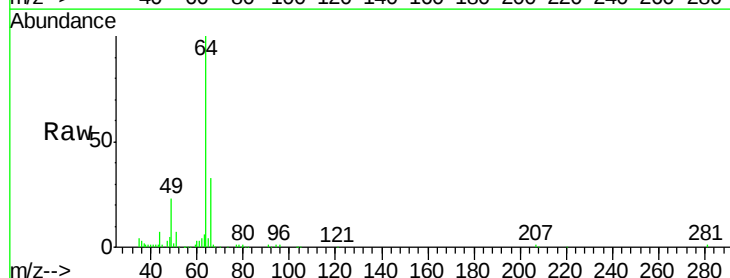
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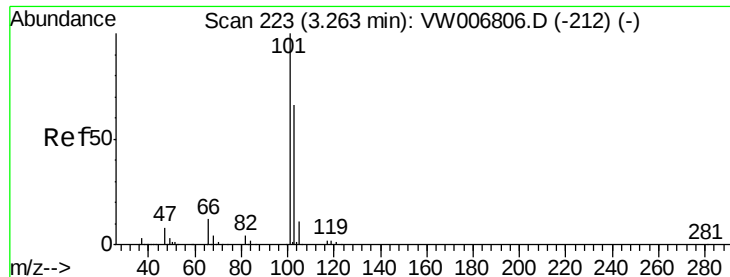
Tgt Ion: 64 Resp: 43620

Ion Ratio Lower Upper

64 100

66 33.5 25.5 38.3





#7

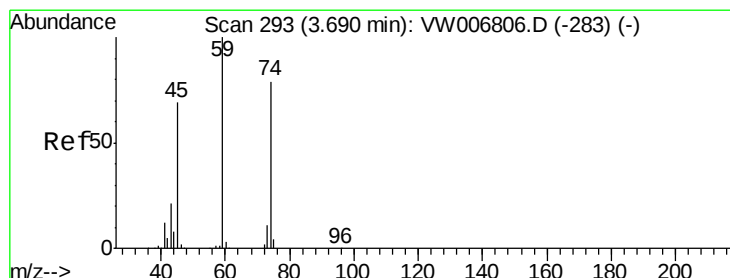
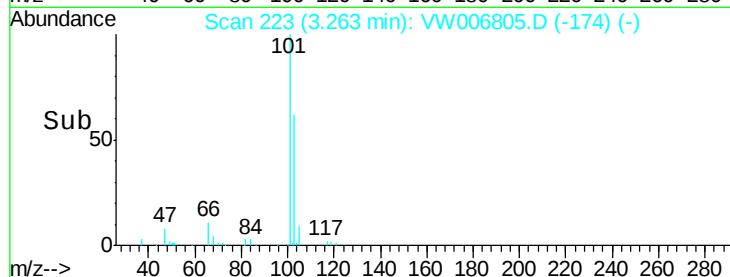
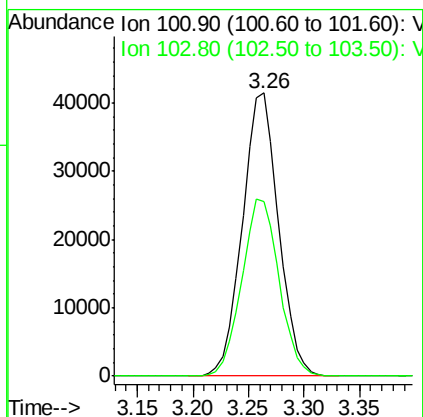
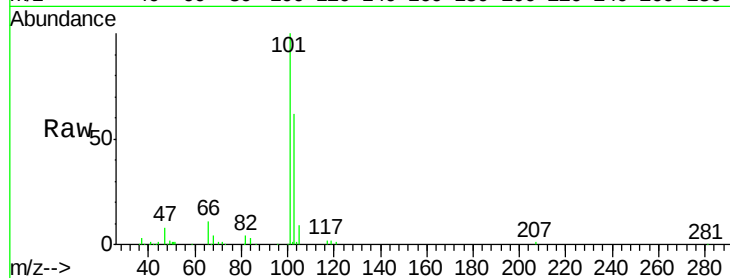
Trichlorofluoromethane
Concen: 21.086 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
101	100		
103	61.7	52.6	79.0

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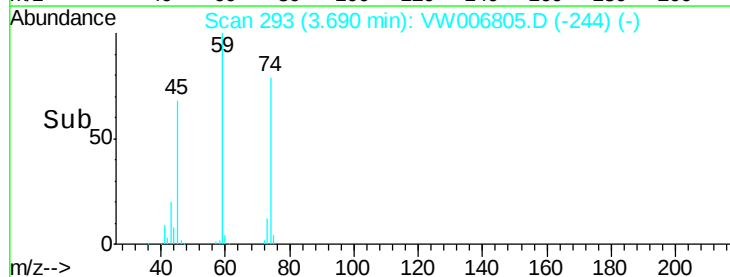
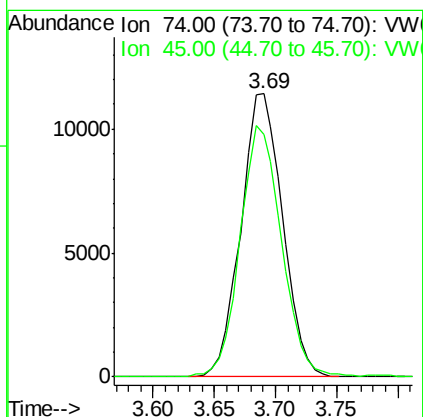
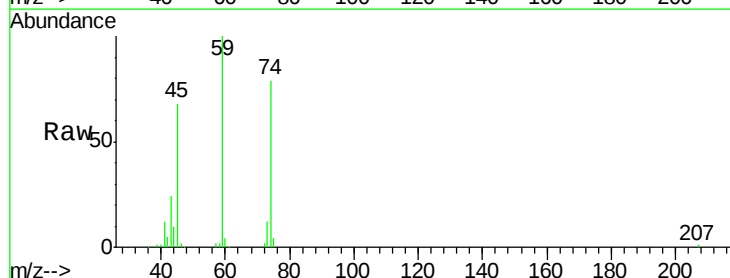
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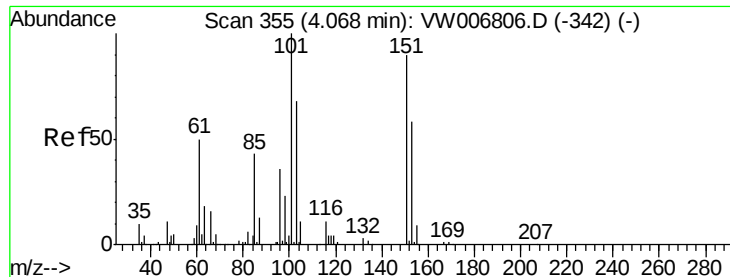


#8

Diethyl Ether
Concen: 20.898 ug/l
RT: 3.69 min Scan# 293
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.2	43.1	129.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.370 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Instrument :

MSVOA_W

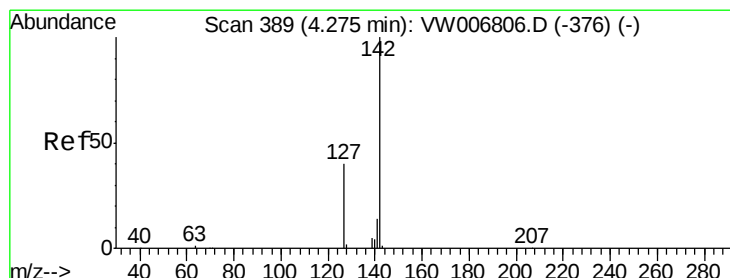
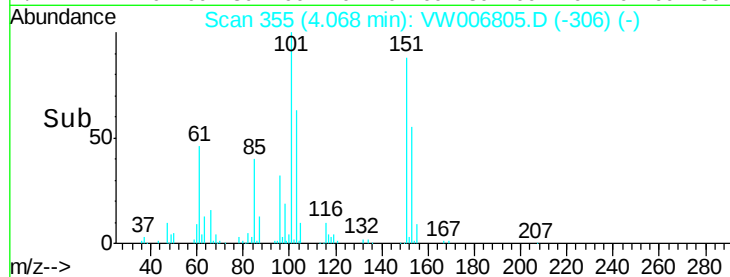
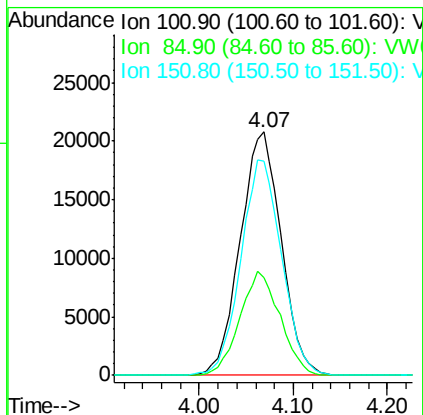
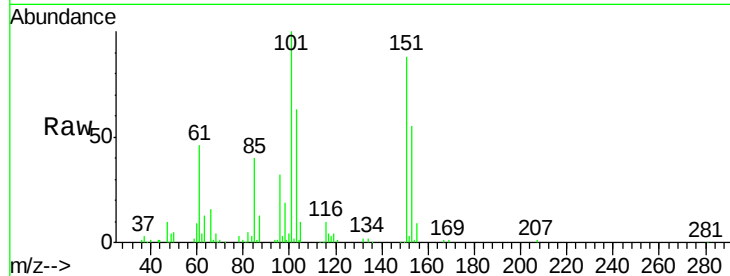
ClientSampleId :

VSTDIC020

Tgt Ion:	101	Resp:	63206
Ion Ratio	Lower	Upper	
101	100		
85	41.8	33.8	50.8
151	88.0	71.4	107.0

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#10

Methyl Iodide

Concen: 20.625 ug/l

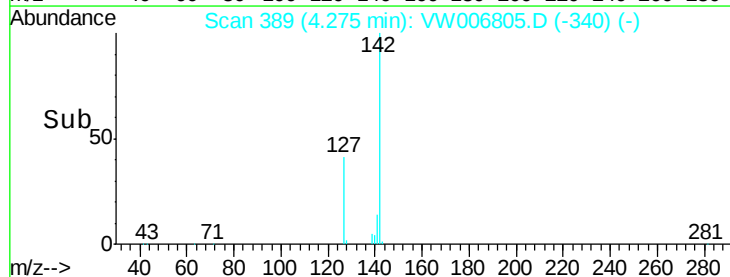
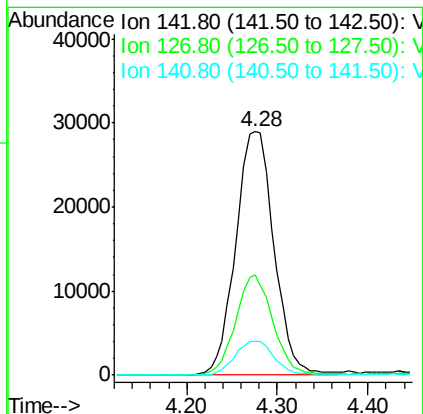
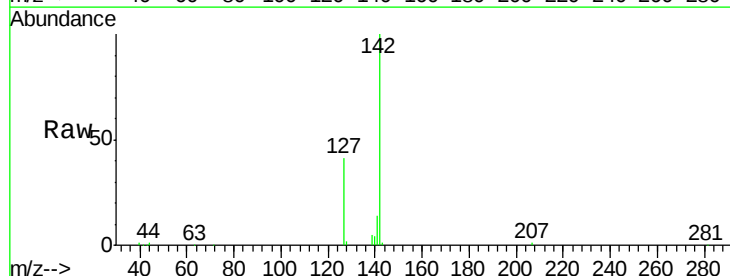
RT: 4.28 min Scan# 389

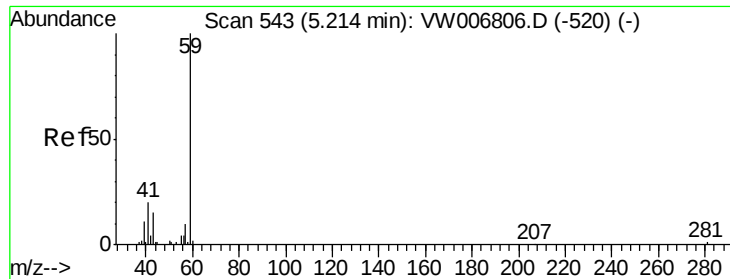
Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Tgt Ion:	142	Resp:	84750
Ion Ratio	Lower	Upper	
142	100		
127	40.2	31.8	47.8
141	14.2	11.5	17.3





#11

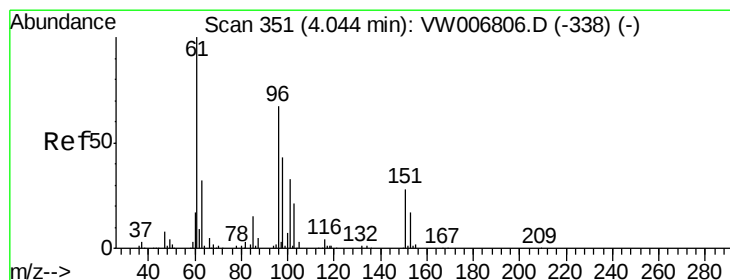
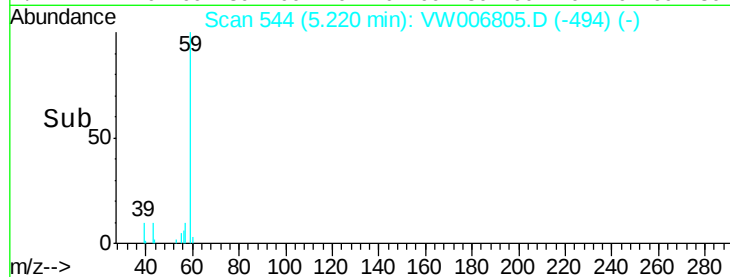
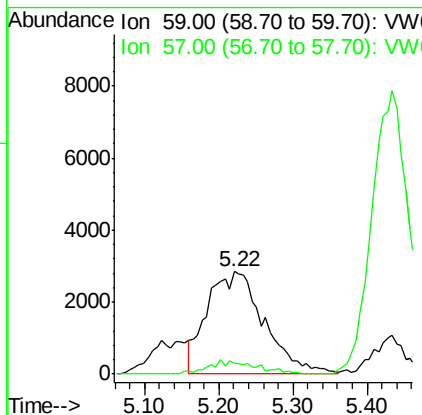
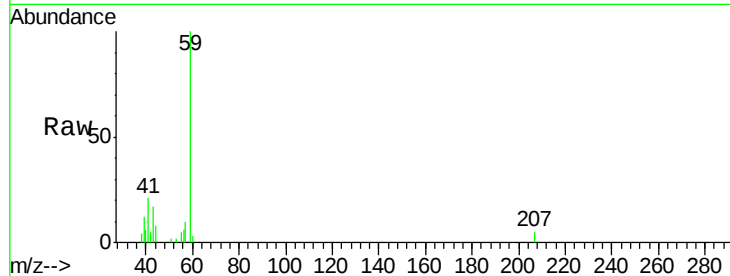
Tert butyl alcohol
Concen: 91.437 ug/l
RT: 5.22 min Scan# 544
Delta R.T. 0.01 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion: 59 Resp: 15227
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

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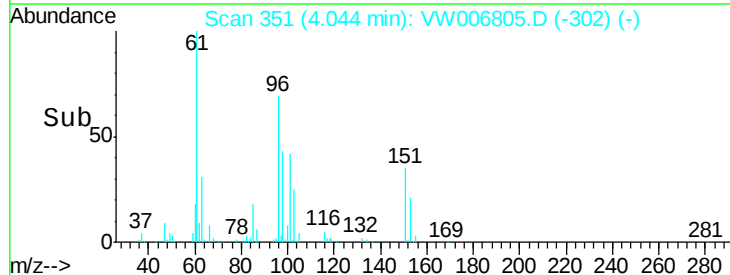
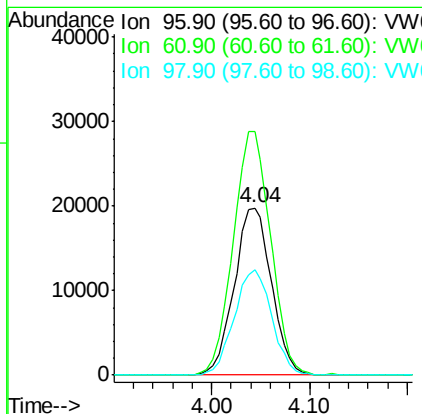
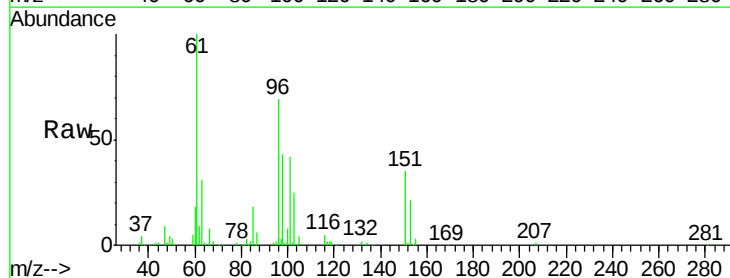
apatel
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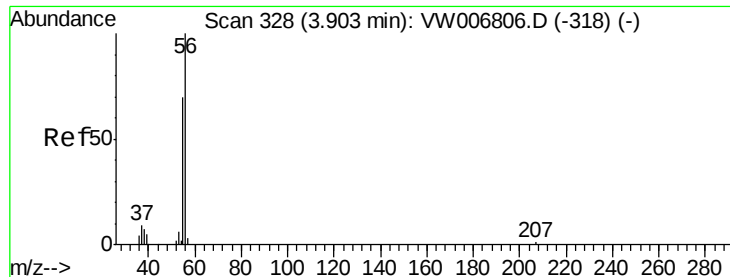


#12

1,1-Dichloroethene
Concen: 21.198 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Tgt Ion: 96 Resp: 52279
Ion Ratio Lower Upper
96 100
61 145.8 119.8 179.6
98 63.0 51.5 77.3





#13

Acrolein

Concen: 105.161 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tgt Ion: 56 Resp: 18239

Ion Ratio Lower Upper

56 100

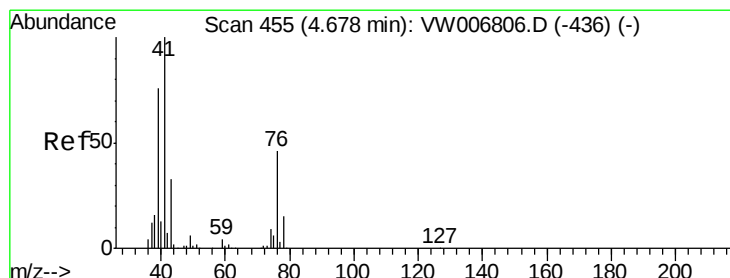
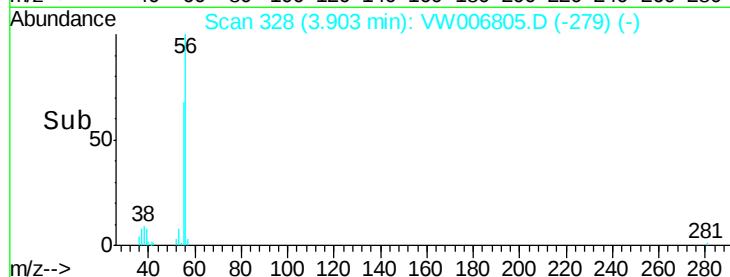
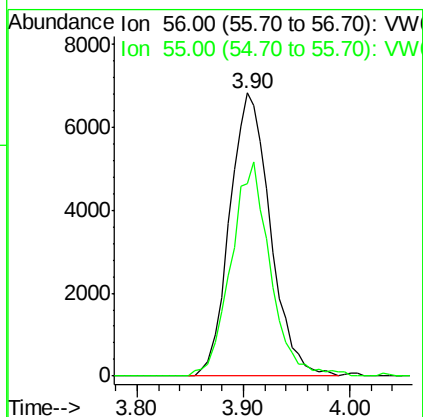
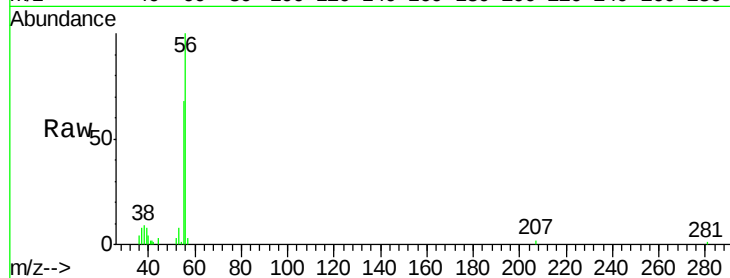
55 73.0 56.1 84.1

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#14

Allyl chloride

Concen: 20.307 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

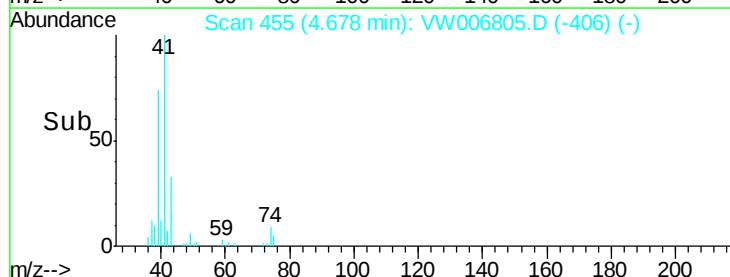
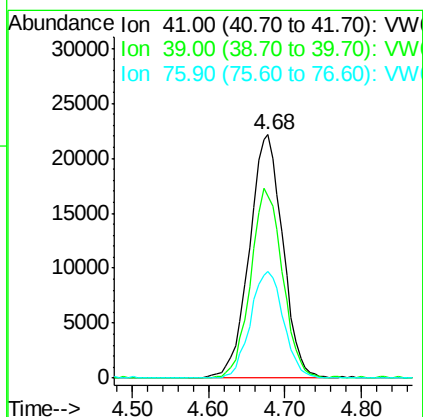
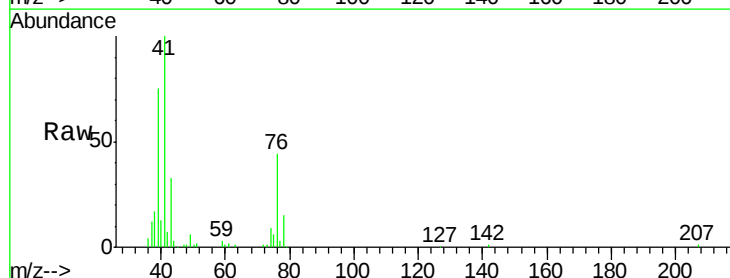
Tgt Ion: 41 Resp: 67514

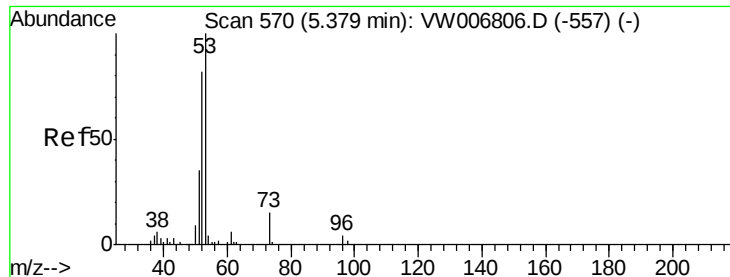
Ion Ratio Lower Upper

41 100

39 74.4 58.9 88.3

76 43.2 34.4 51.6





#15

Acrylonitrile

Concen: 92.922 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Instrument :

MSVOA_W

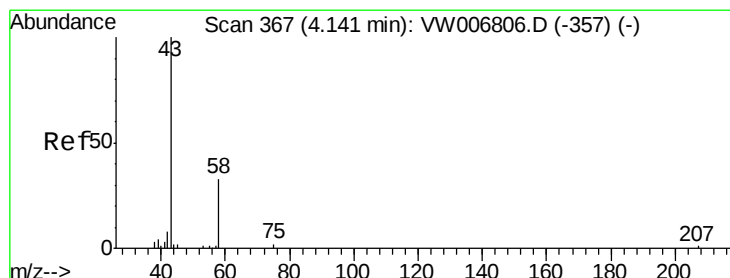
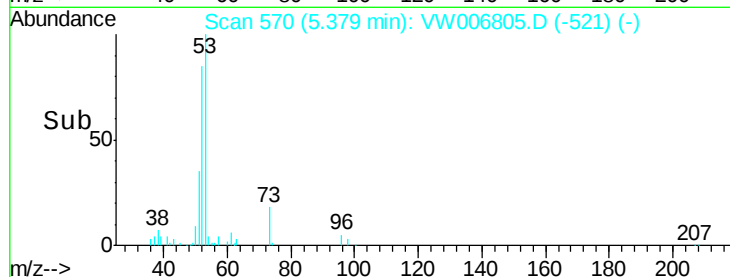
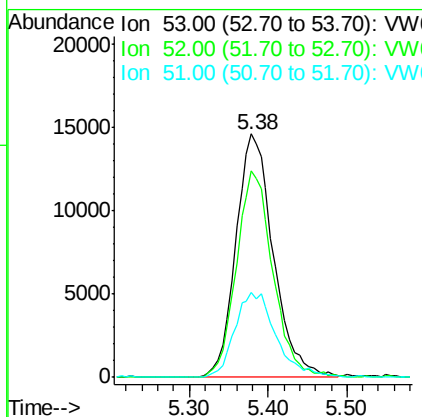
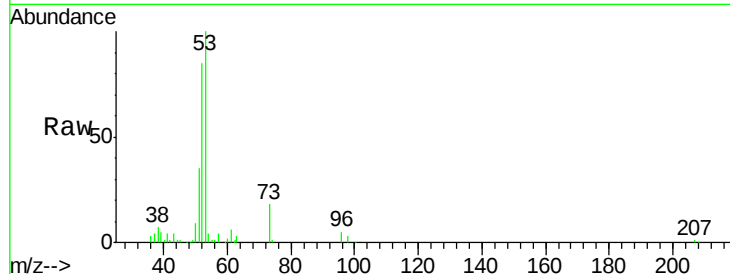
ClientSampleId :

VSTDIC020

Tgt Ion:	53	Resp:	48164
Ion	Ratio	Lower	Upper
53	100		
52	82.8	65.2	97.8
51	38.4	30.0	45.0

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#16

Acetone

Concen: 91.942 ug/l

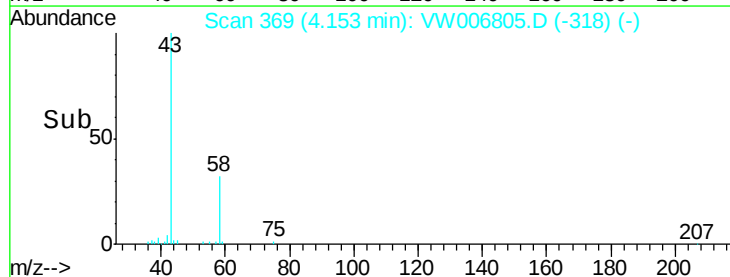
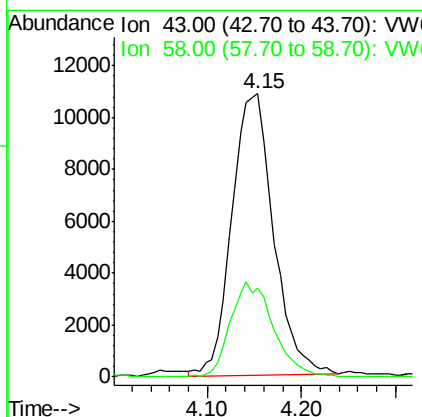
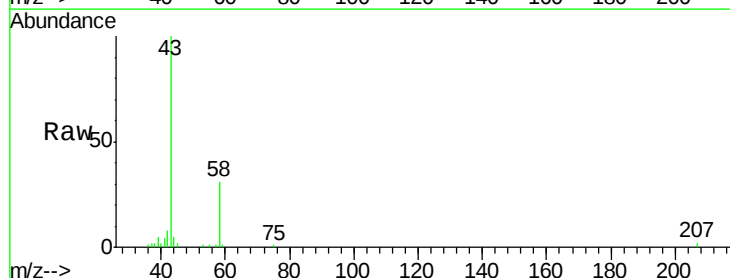
RT: 4.15 min Scan# 369

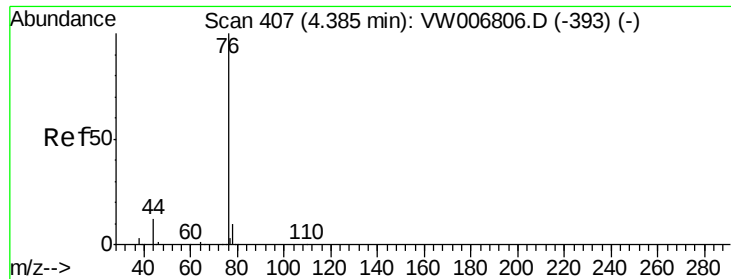
Delta R.T. 0.01 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Tgt Ion:	43	Resp:	33674
Ion	Ratio	Lower	Upper
43	100		
58	31.6	26.5	39.7





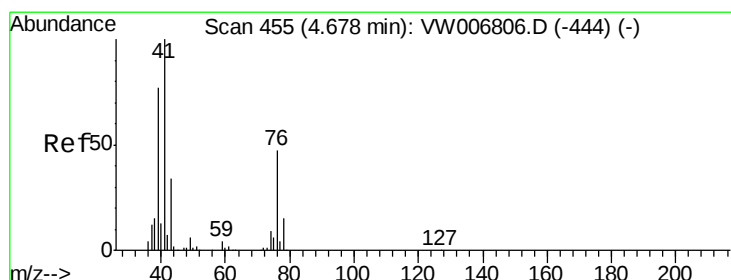
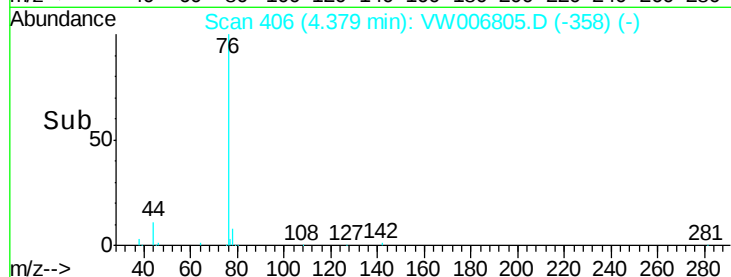
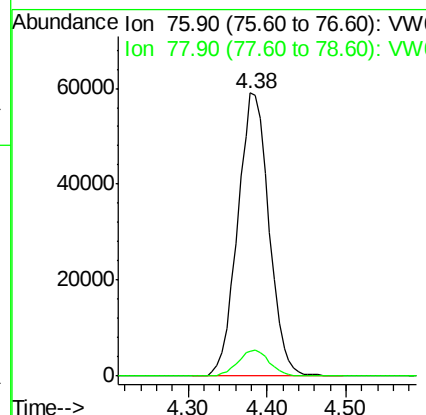
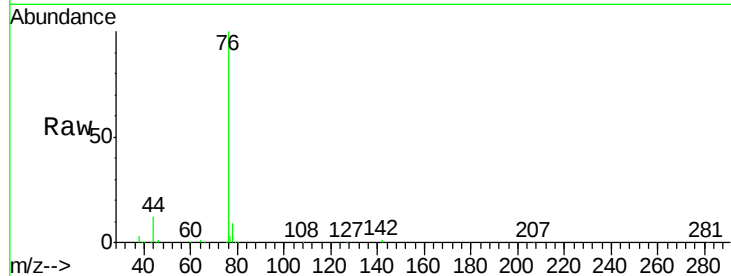
#17
Carbon Disulfide
Concen: 19.978 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.6	11.4

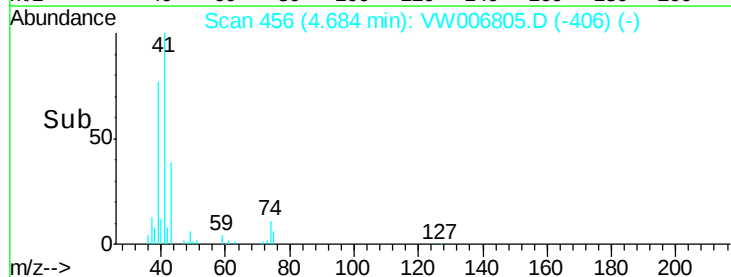
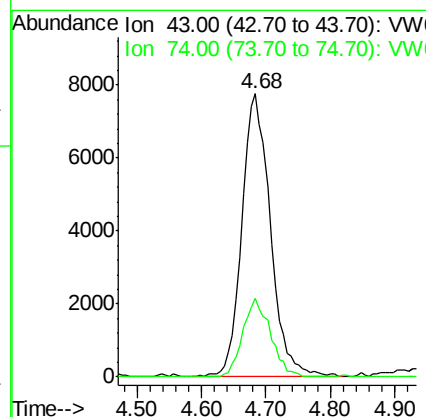
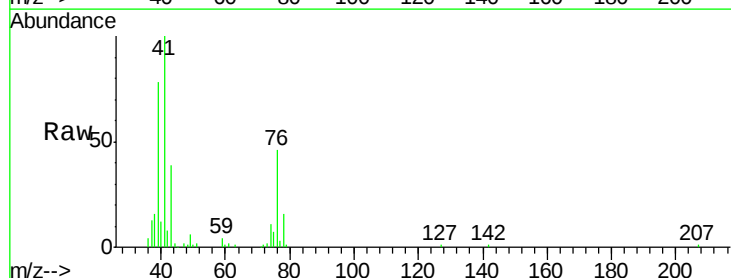
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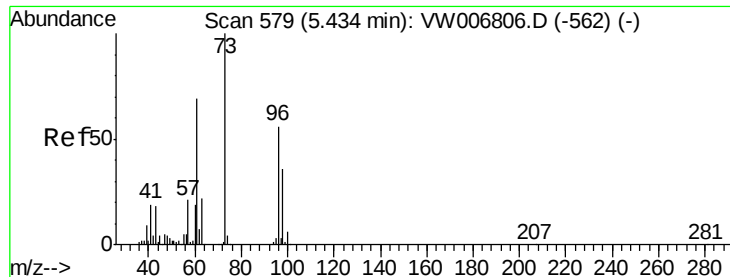
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#18
Methyl Acetate
Concen: 18.484 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.01 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.9	21.9	32.9





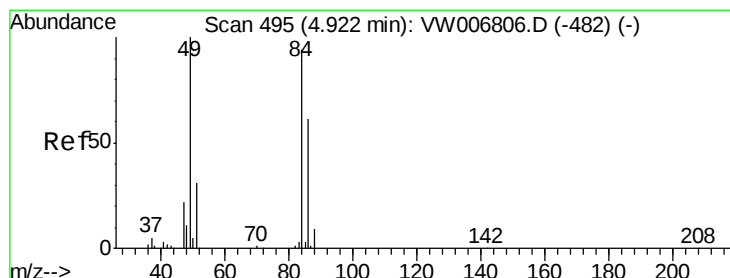
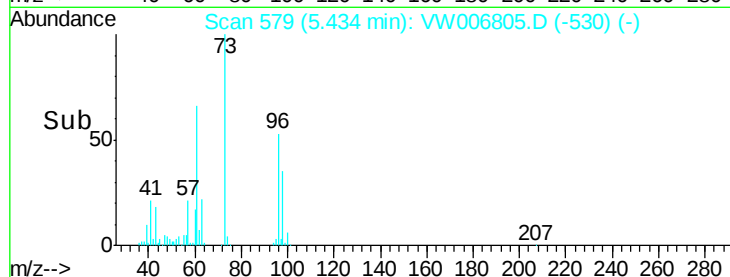
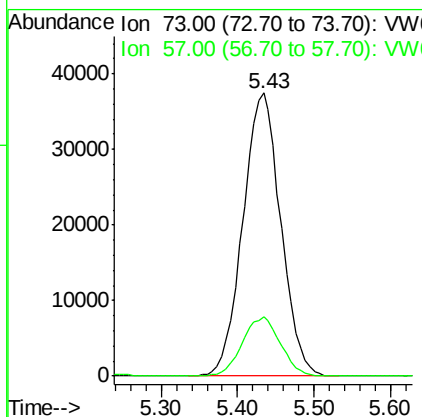
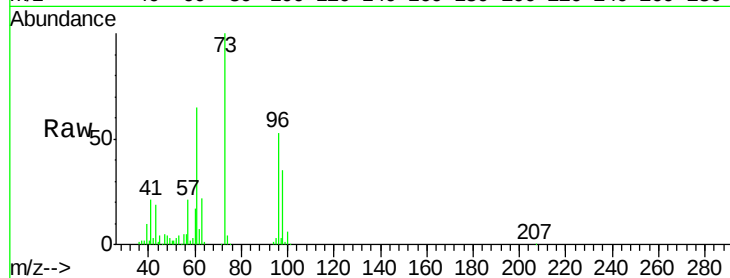
#19
Methyl tert-butyl Ether
Concen: 21.339 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 128898
Ion Ratio Lower Upper
73 100
57 21.0 16.8 25.2

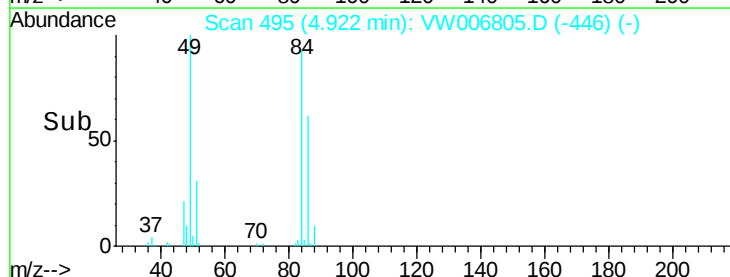
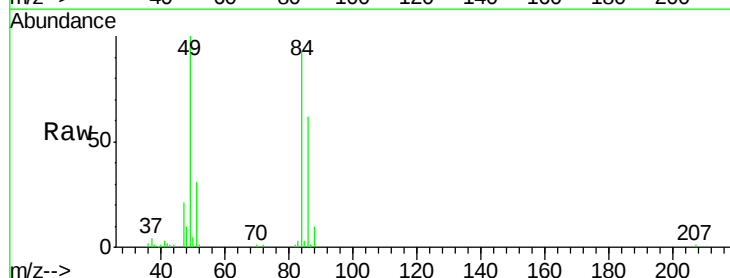
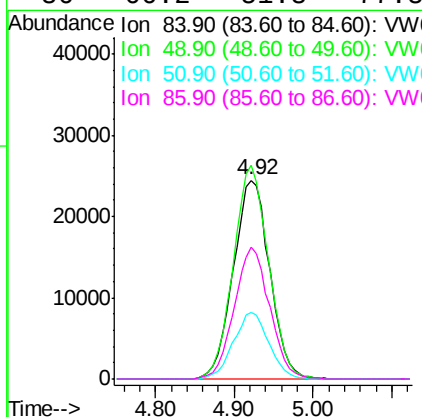
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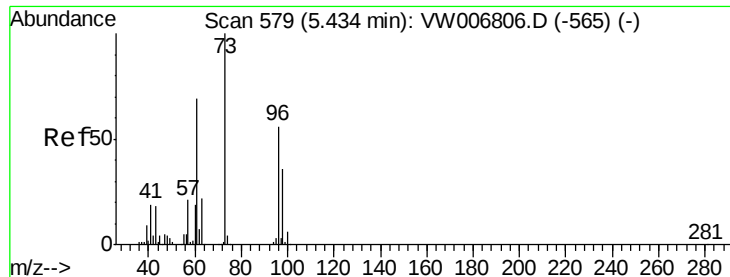
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#20
Methylene Chloride
Concen: 22.187 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Tgt Ion: 84 Resp: 78557
Ion Ratio Lower Upper
84 100
49 107.6 84.8 127.2
51 33.4 26.2 39.4
86 66.2 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 20.819 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Instrument :

MSVOA_W

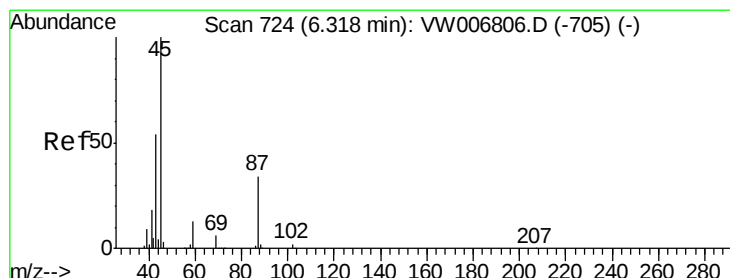
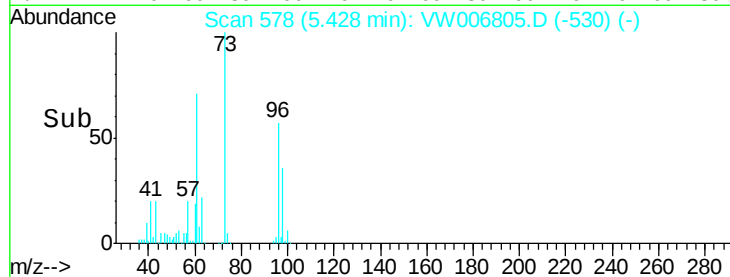
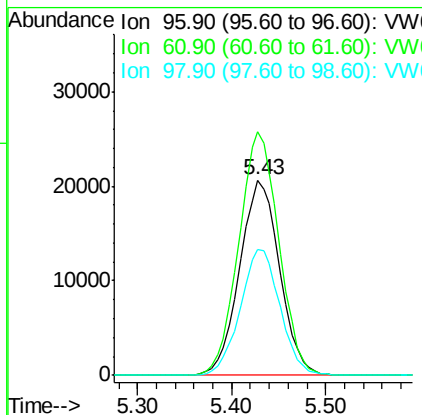
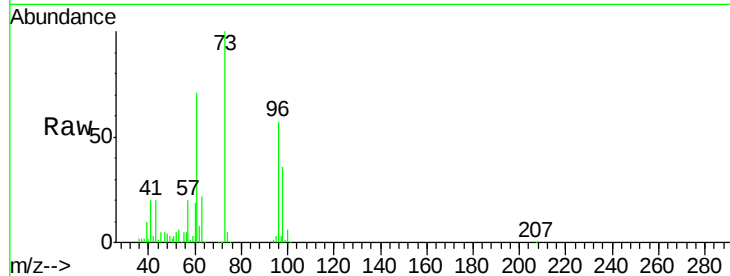
ClientSampleId :

VSTDIC020

Tgt Ion:	96	Resp:	61414
Ion	Ratio	Lower	Upper
96	100		
61	124.6	98.7	148.1
98	64.1	51.2	76.8

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#22

Diisopropyl ether

Concen: 21.097 ug/l

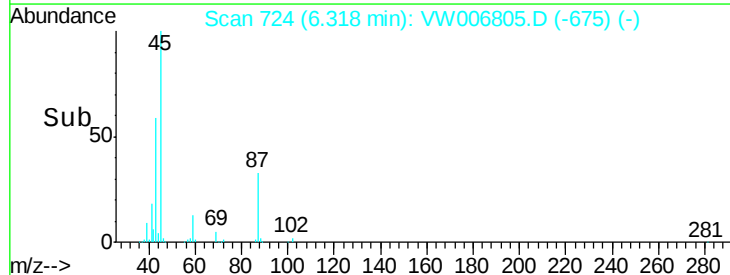
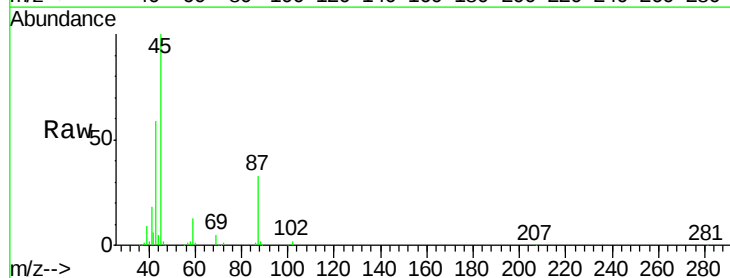
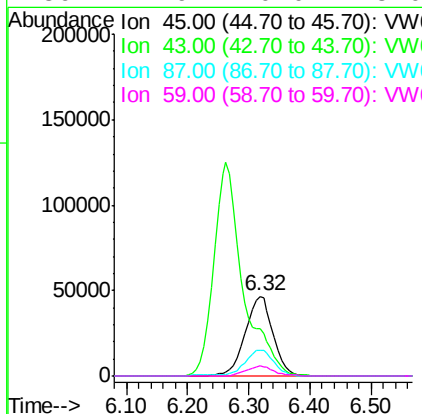
RT: 6.32 min Scan# 724

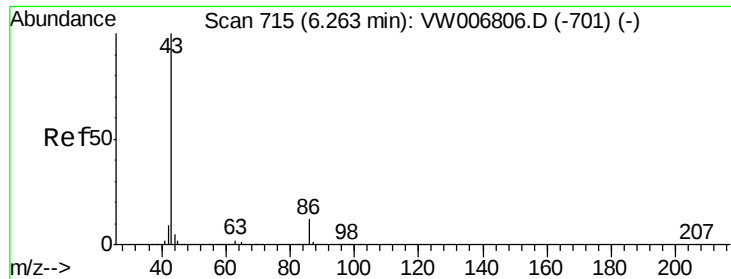
Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Tgt Ion:	45	Resp:	147816
Ion	Ratio	Lower	Upper
45	100		
43	58.3	43.7	65.5
87	32.7	27.2	40.8
59	12.9	10.0	15.0





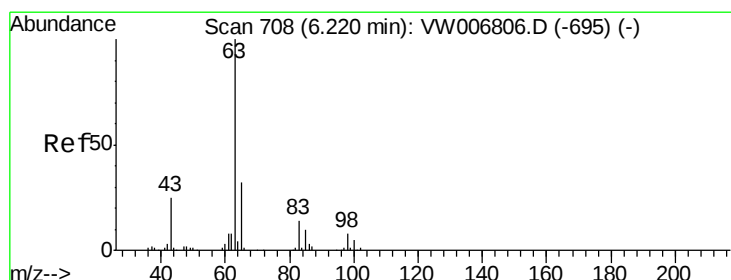
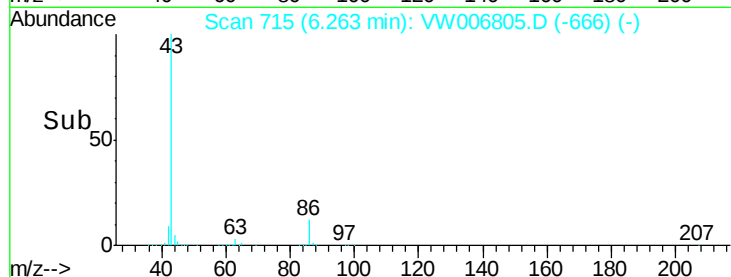
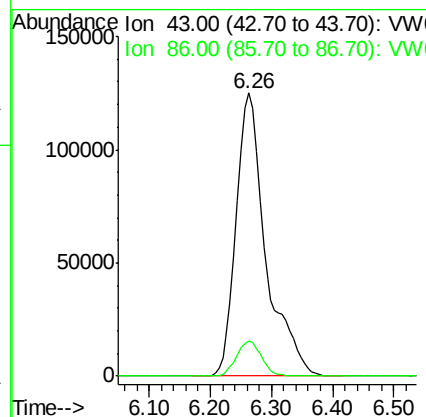
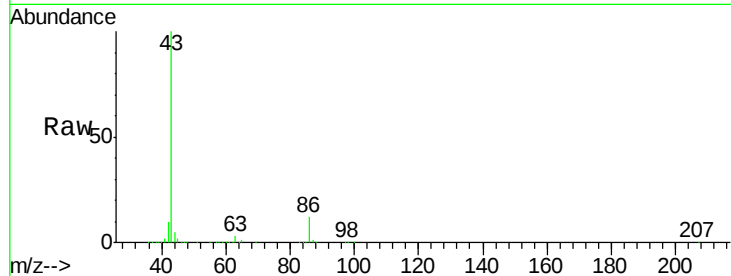
#23
 Vinyl Acetate
 Concen: 104.621 ug/l
 RT: 6.26 min Scan# 715
 Delta R.T. 0.00 min
 Lab File: VW006805.D
 Acq: 12 Nov 2018 13:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	418058		
86	12.4		9.6	14.4

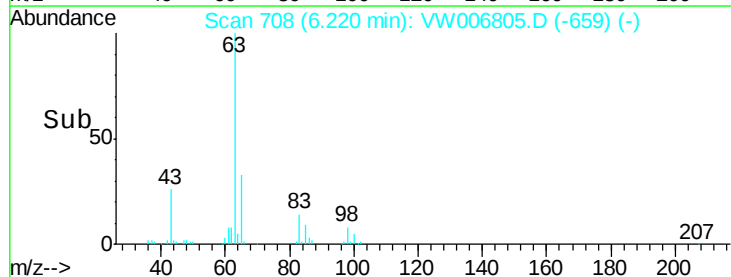
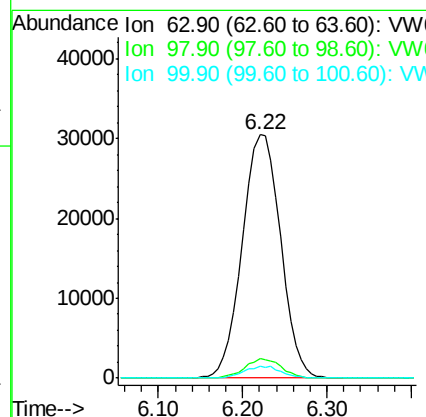
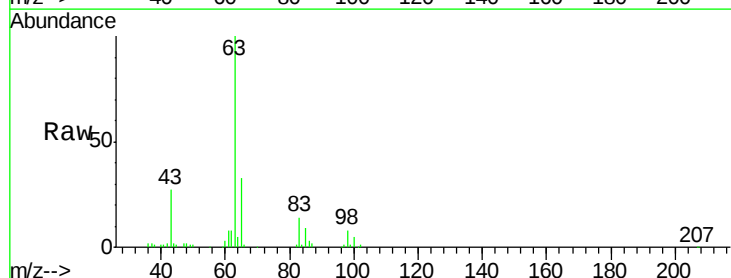
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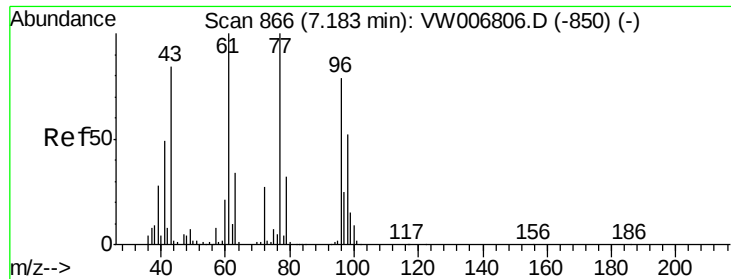
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#24
 1,1-Dichloroethane
 Concen: 20.616 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: VW006805.D
 Acq: 12 Nov 2018 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	94489		
98	8.0		3.9	11.5
100	5.0		2.4	7.2





#25

2-Butanone

Concen: 100.774 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 60940

Ion Ratio Lower Upper

43 100

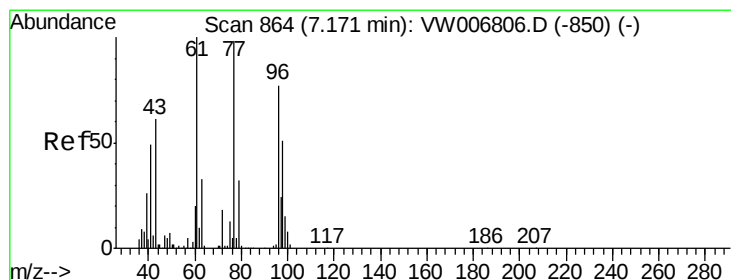
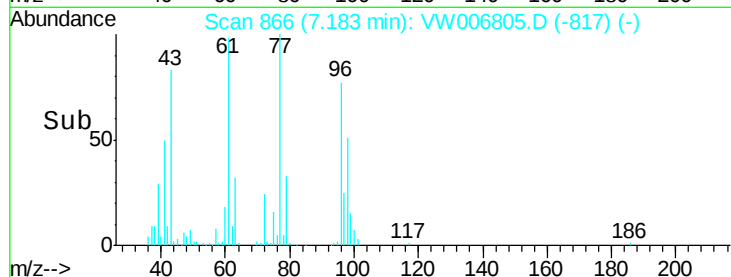
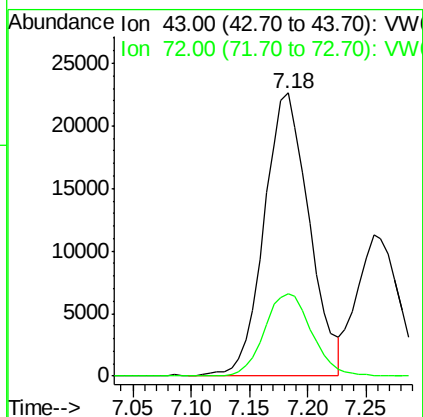
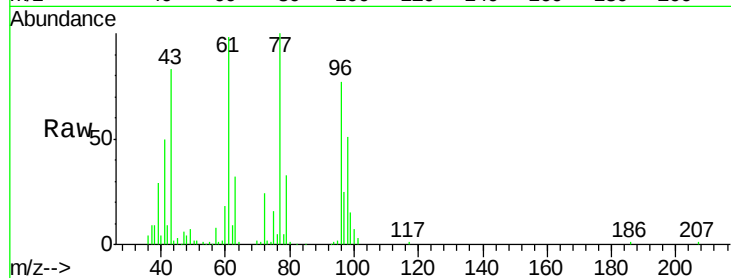
72 29.3 25.3 37.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 22.161 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006805.D

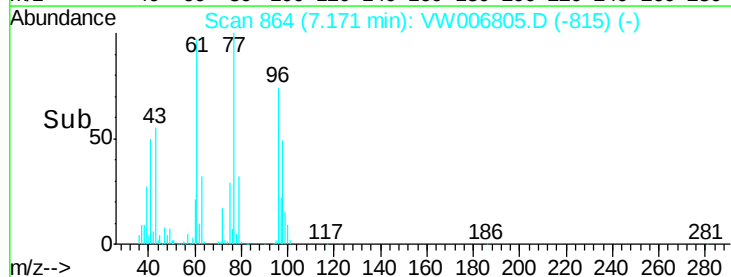
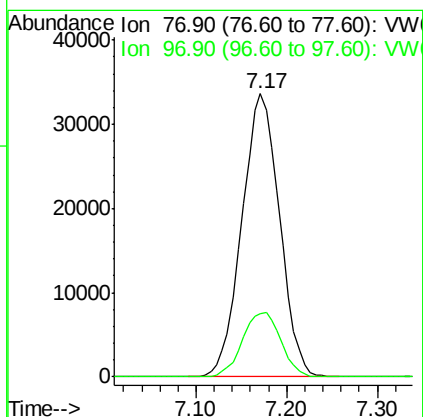
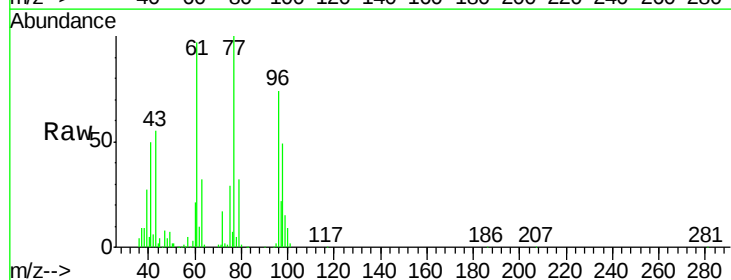
Acq: 12 Nov 2018 13:16

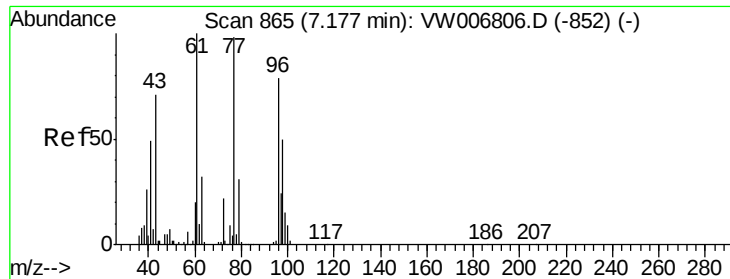
Tgt Ion: 77 Resp: 96773

Ion Ratio Lower Upper

77 100

97 23.2 12.0 36.1





#27

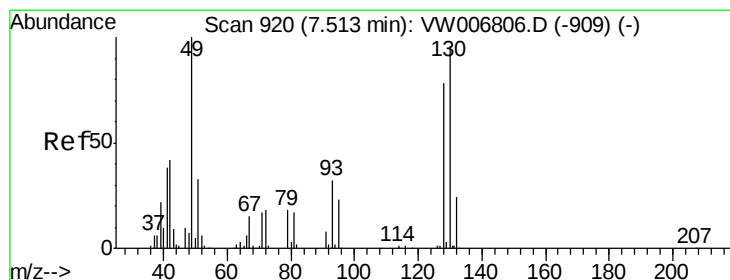
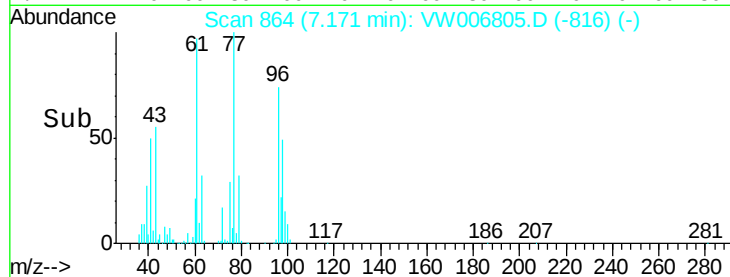
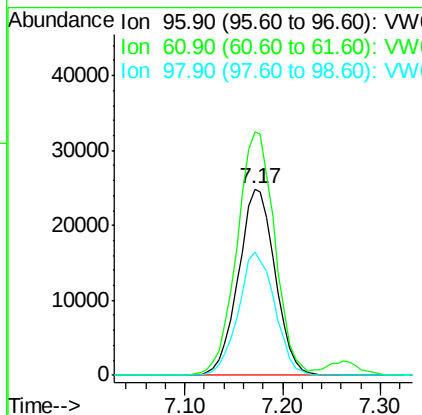
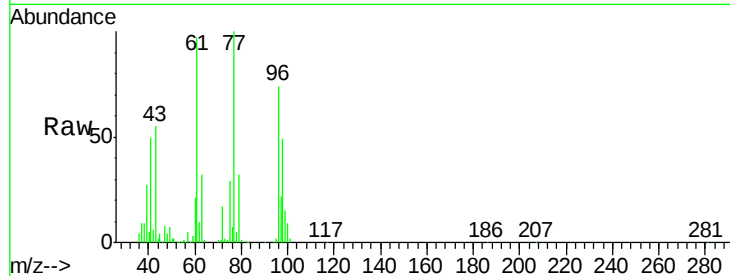
cis-1,2-Dichloroethene
 Concen: 20.475 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: VW006805.D
 Acq: 12 Nov 2018 13:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
96	100		
61	135.0	0.0	264.0
98	65.6	0.0	131.0

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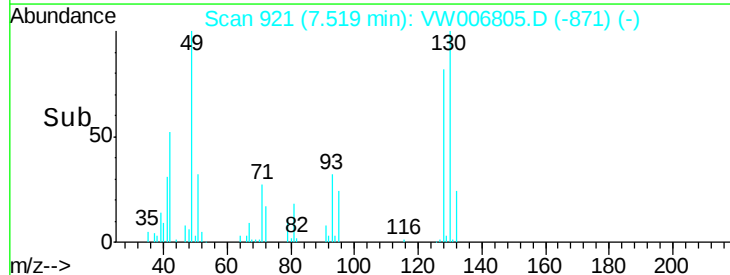
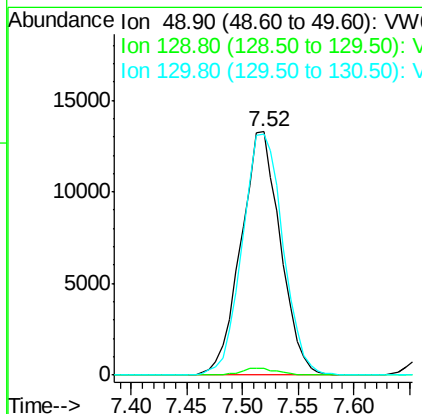
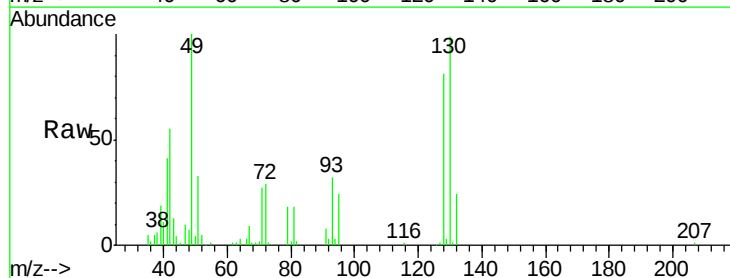
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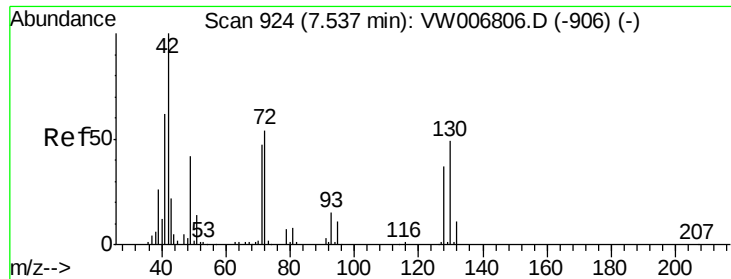


#28

Bromochloromethane
 Concen: 19.009 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: VW006805.D
 Acq: 12 Nov 2018 13:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	5.6
130	102.5	83.3	124.9





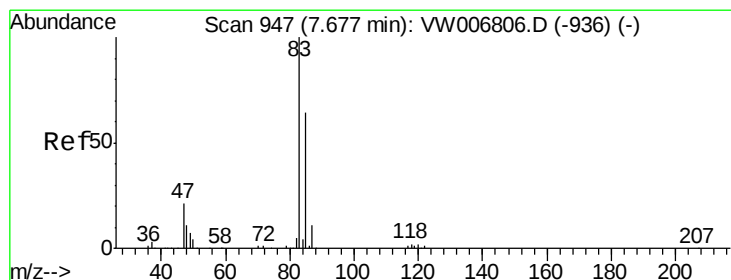
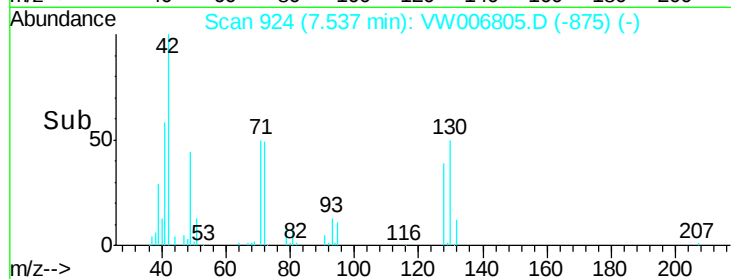
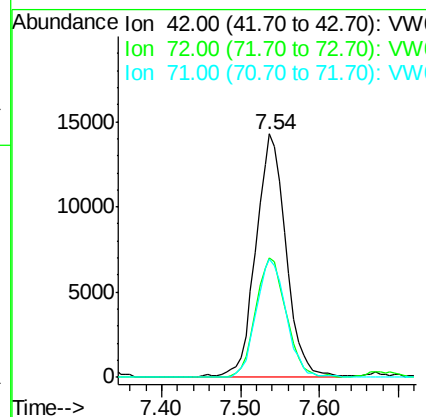
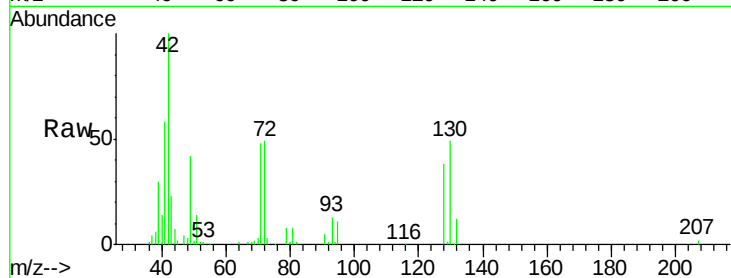
#29
Tetrahydrofuran
Concen: 95.807 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
42	100		
72	49.6	40.9	61.3
71	48.0	36.9	55.3

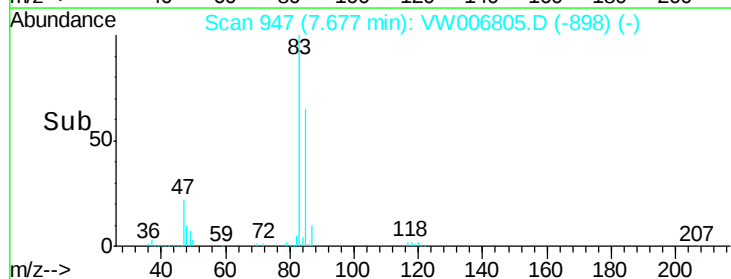
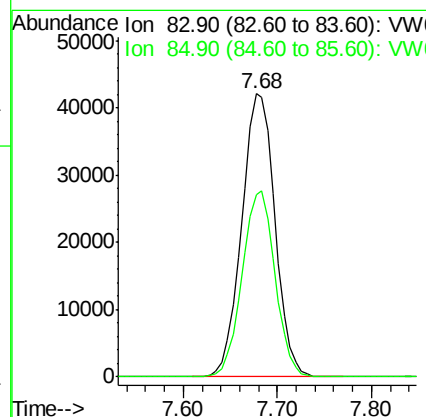
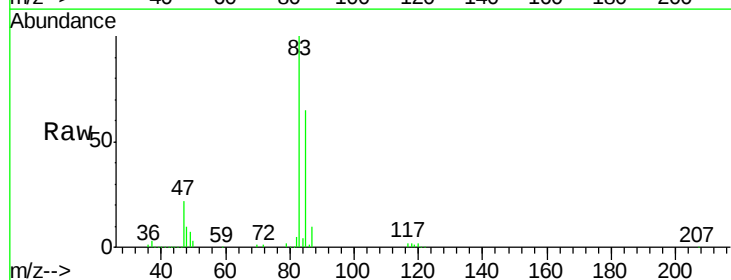
Manual Integrations
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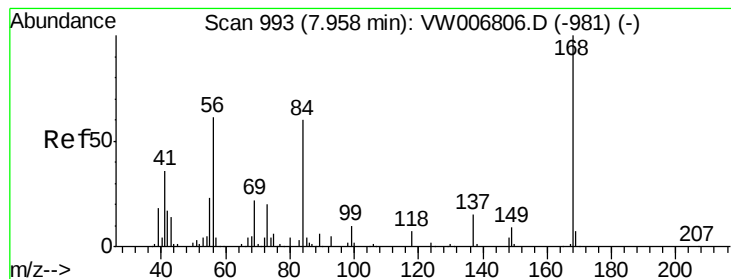
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#30
Chloroform
Concen: 20.437 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.5	77.3





#31

Cyclohexane

Concen: 21.578 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Instrument :

MSVOA_W

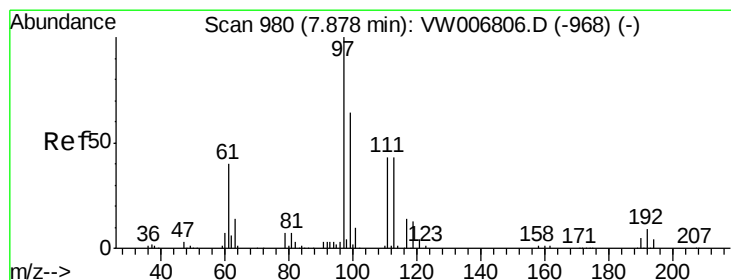
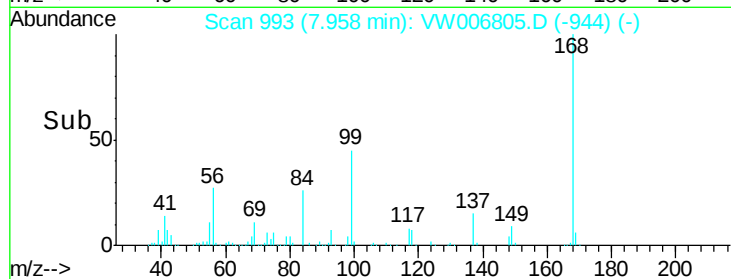
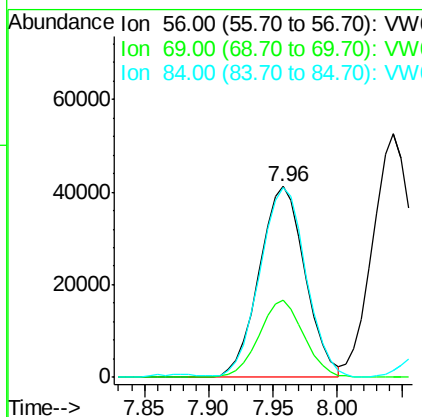
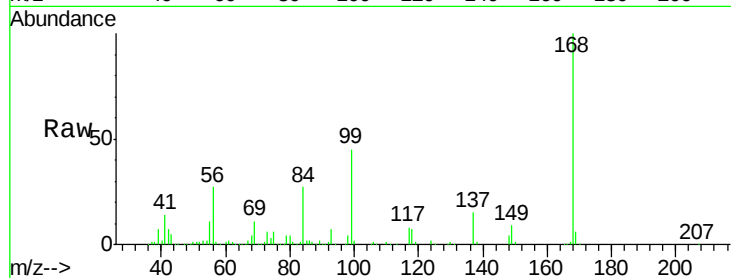
ClientSampleId :

VSTDIC020

Tgt Ion:	56	Resp:	101856
Ion Ratio	Lower	Upper	
56	100		
69	40.5	28.9	43.3
84	98.1	79.0	118.4

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#32

1,1,1-Trichloroethane

Concen: 21.639 ug/l

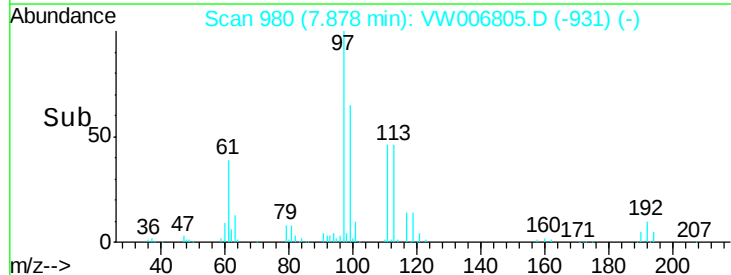
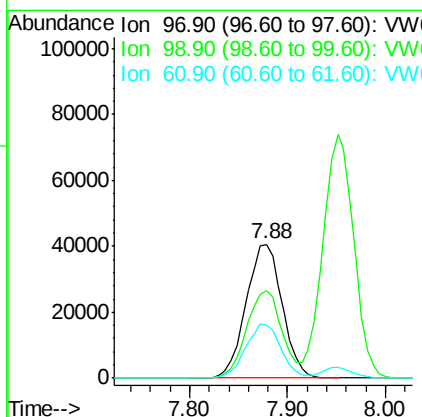
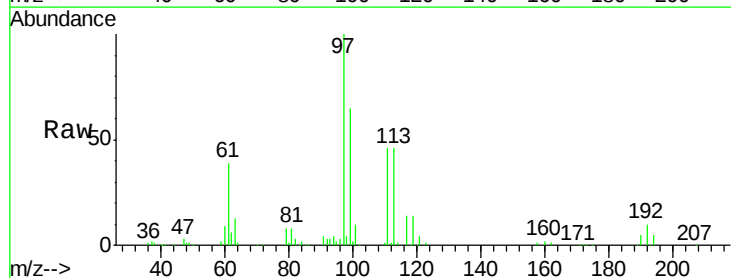
RT: 7.88 min Scan# 980

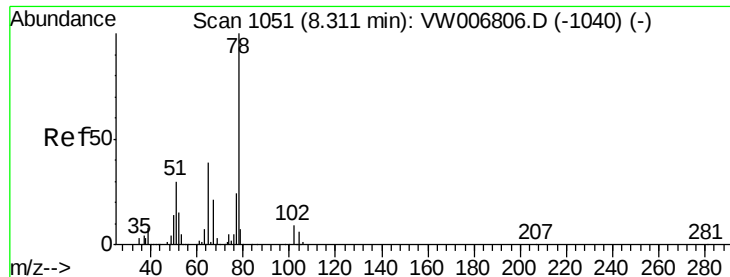
Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Tgt Ion:	97	Resp:	104297
Ion Ratio	Lower	Upper	
97	100		
99	63.6	51.6	77.4
61	39.5	32.2	48.4





#33

1,2-Dichloroethane-d4

Concen: 20.498 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 51864

Ion Ratio Lower Upper

65 100

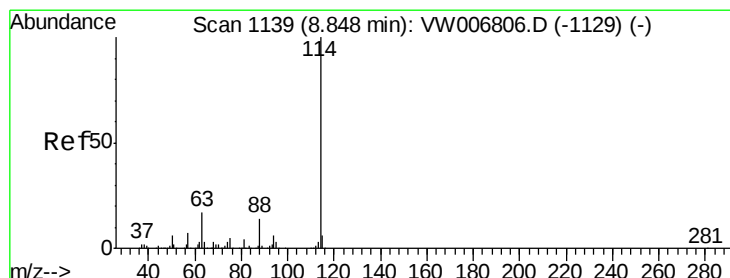
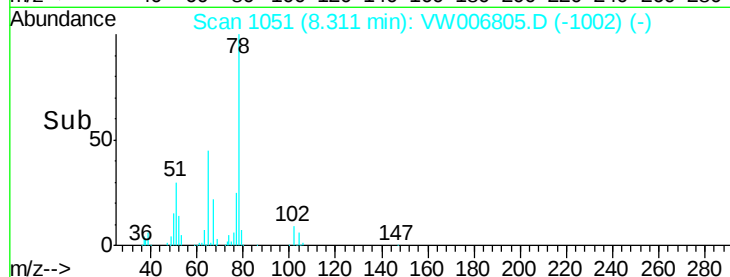
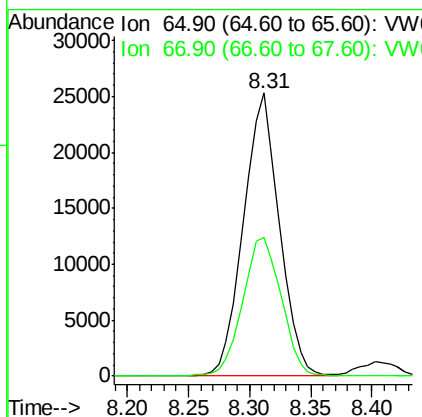
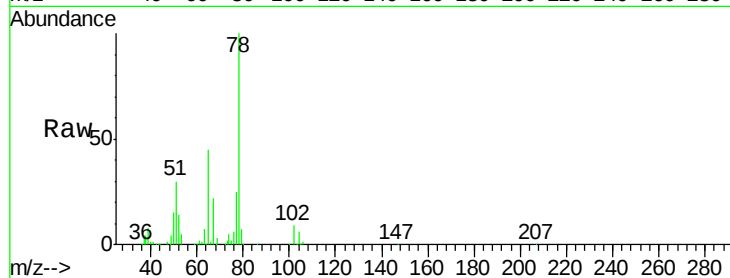
67 52.6 0.0 104.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

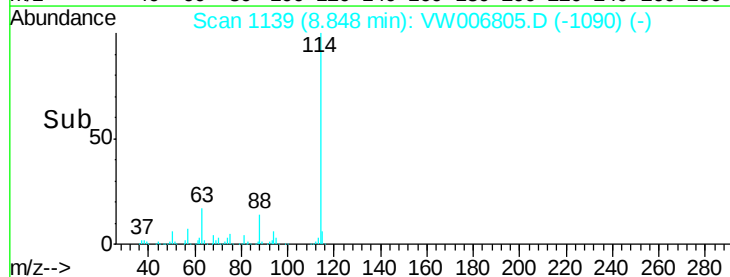
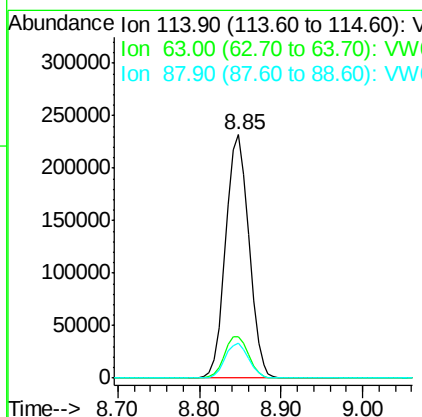
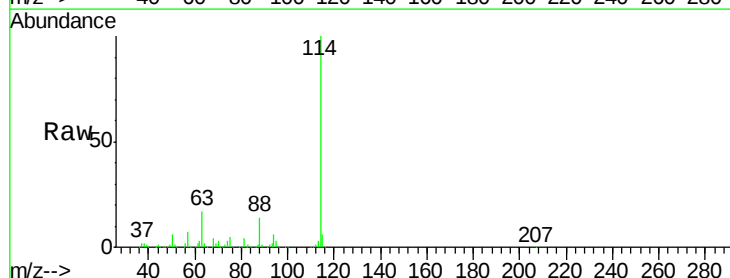
Tgt Ion: 114 Resp: 455284

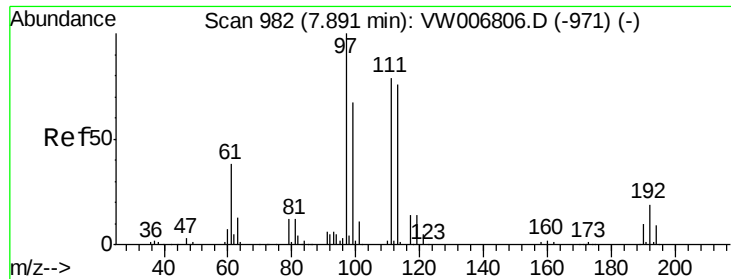
Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.6

88 14.2 0.0 28.4





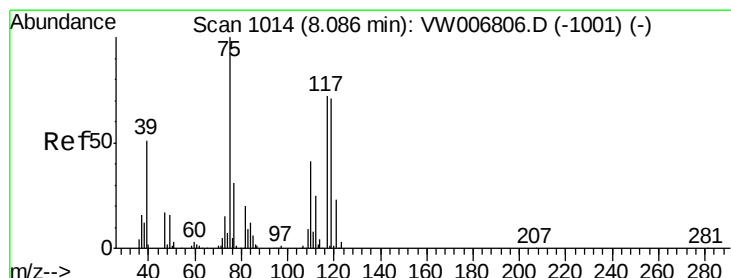
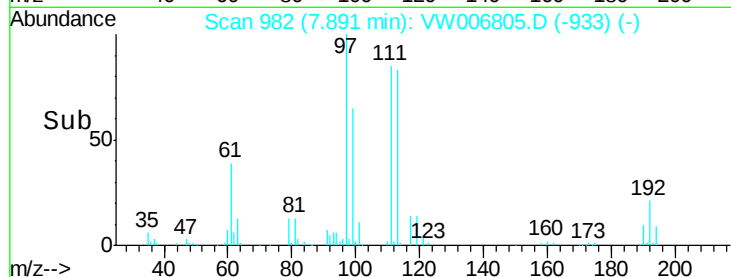
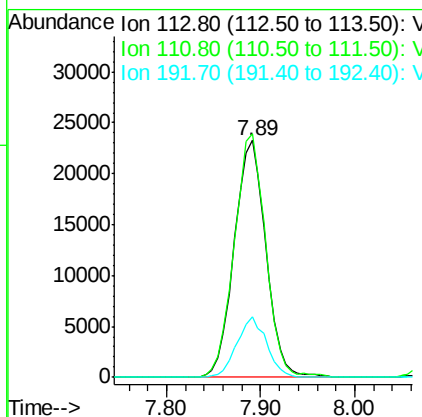
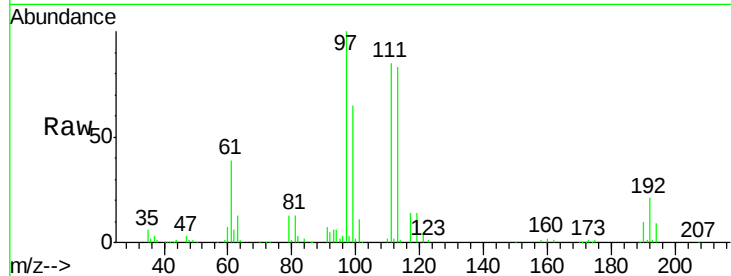
#35
 Dibromofluoromethane
 Concen: 21.108 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006805.D
 Acq: 12 Nov 2018 13:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	54698		
111	101.8	81.0	121.6	
192	24.1	19.0	28.6	

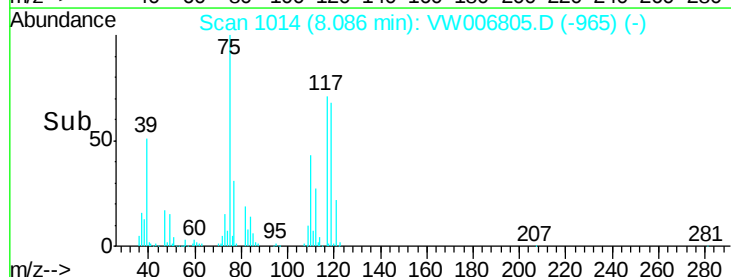
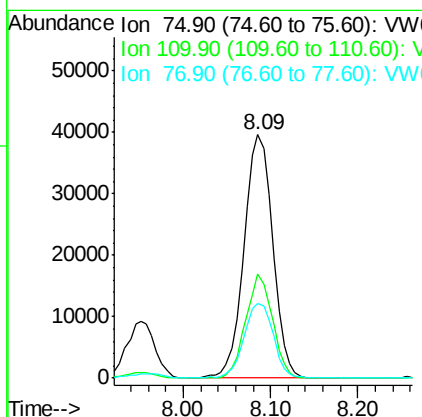
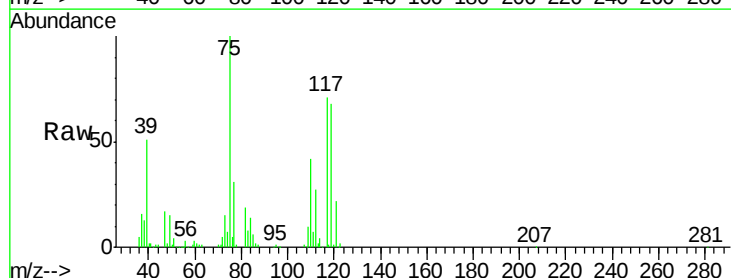
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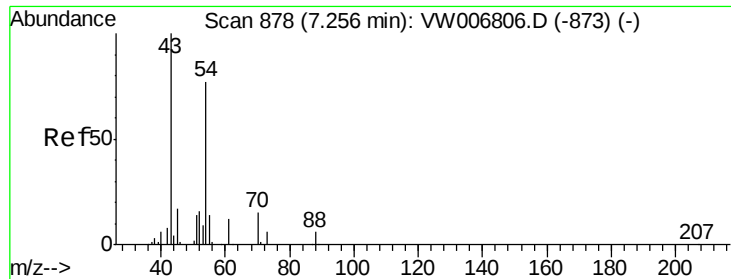
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#36
 1,1-Dichloropropene
 Concen: 21.882 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW006805.D
 Acq: 12 Nov 2018 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	90402		
110	39.8	19.9	59.6	
77	31.4	25.4	38.2	





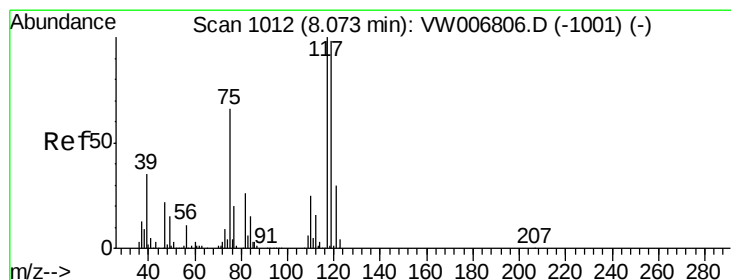
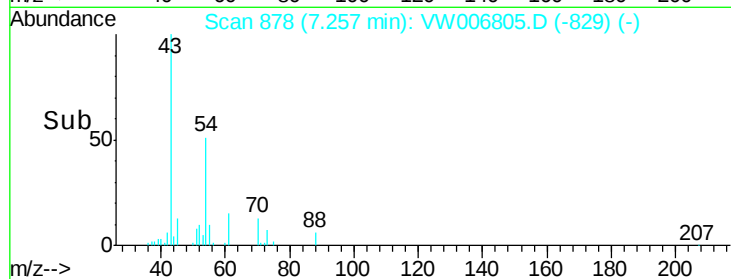
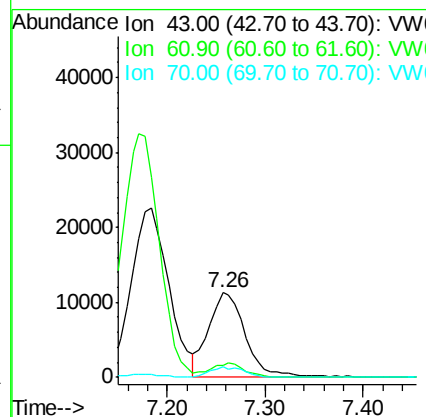
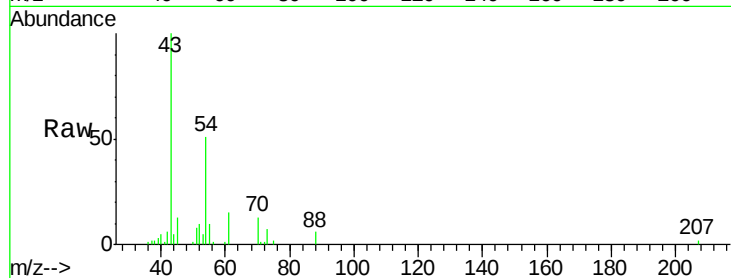
#37
Ethyl Acetate
Concen: 19.913 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.7	17.5
70	11.8	10.0	15.0

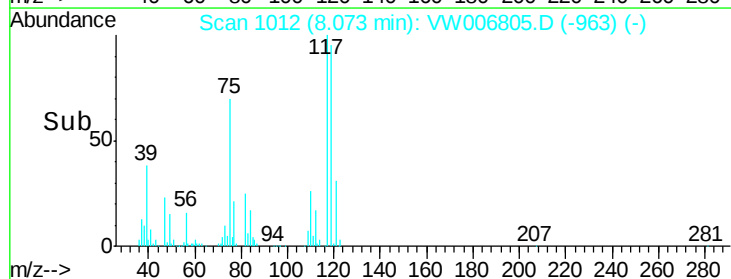
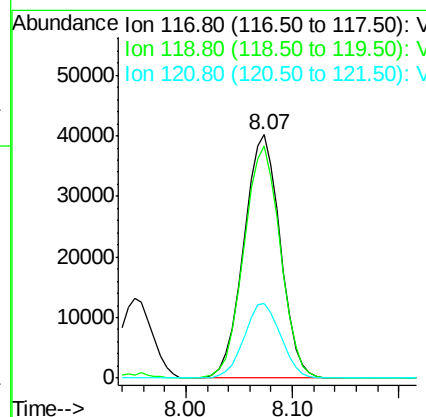
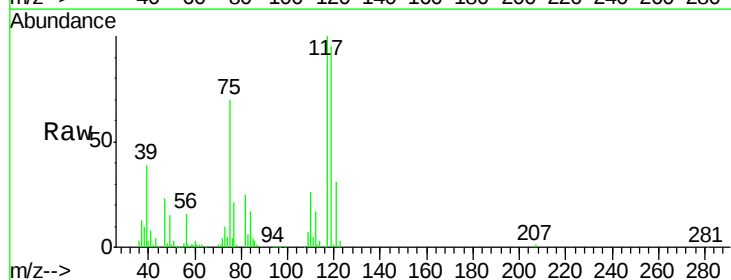
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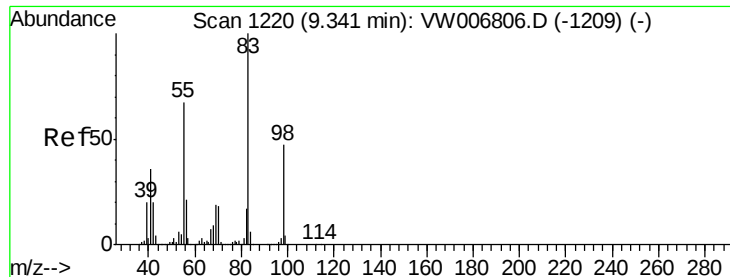
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#38
Carbon Tetrachloride
Concen: 21.917 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	78.5	117.7
121	30.8	24.2	36.2





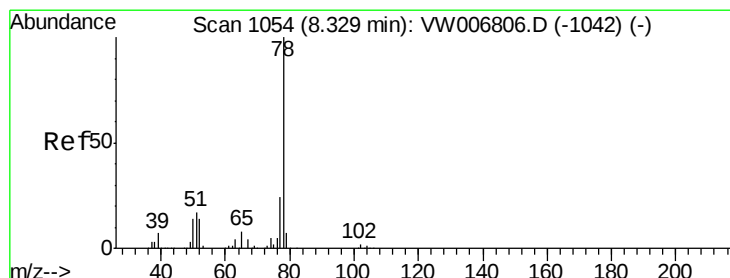
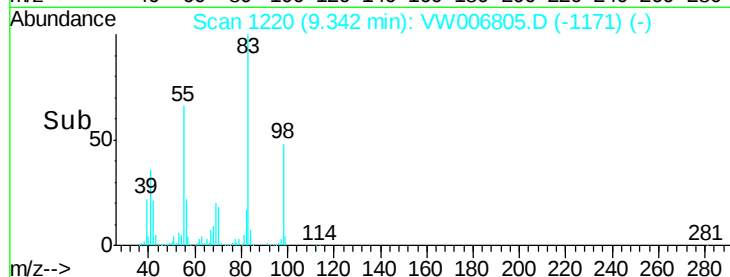
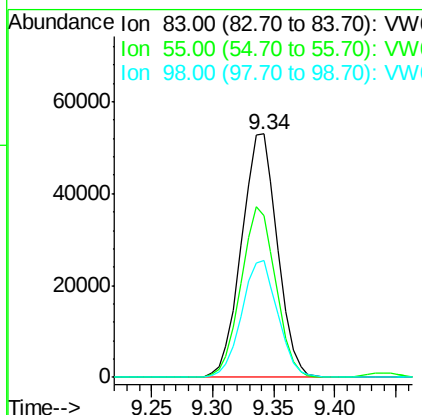
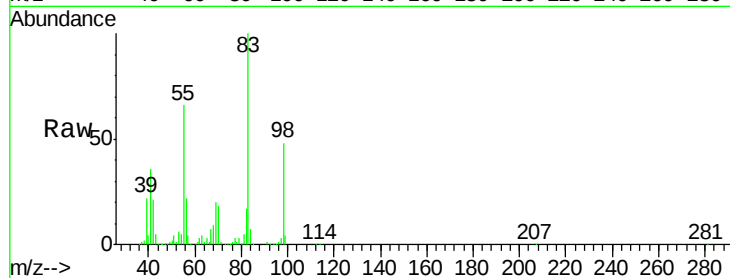
#39
Methylcyclohexane
Concen: 20.550 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
83	100		
55	66.4	53.3	79.9
98	47.9	37.9	56.9

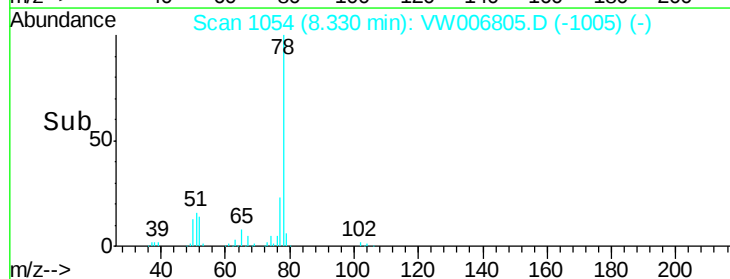
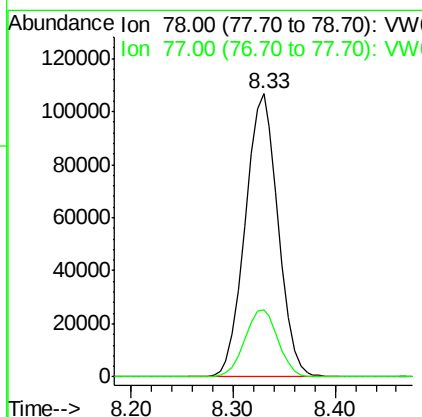
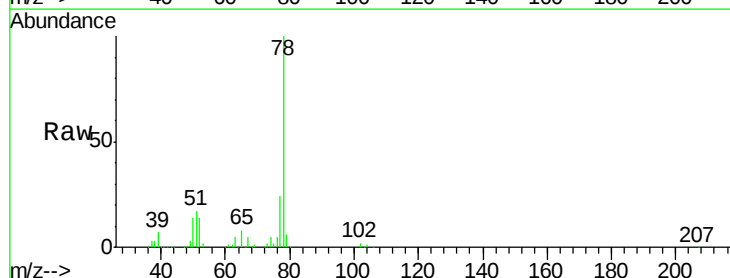
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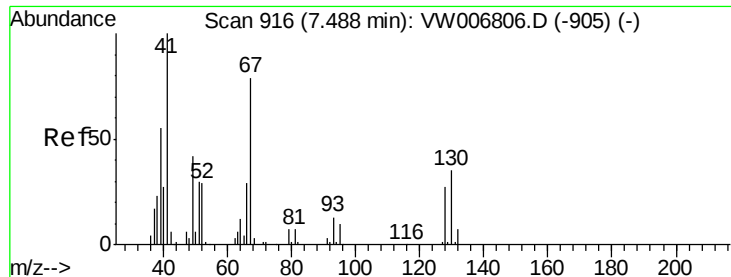
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#40
Benzene
Concen: 20.417 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.6





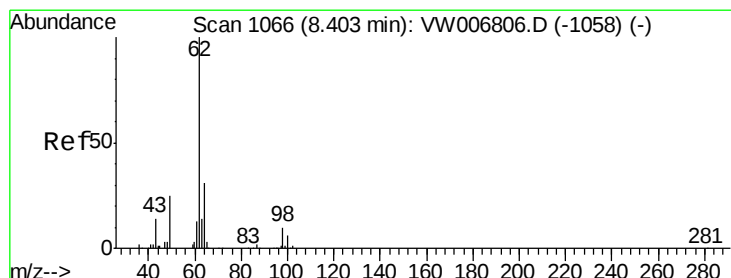
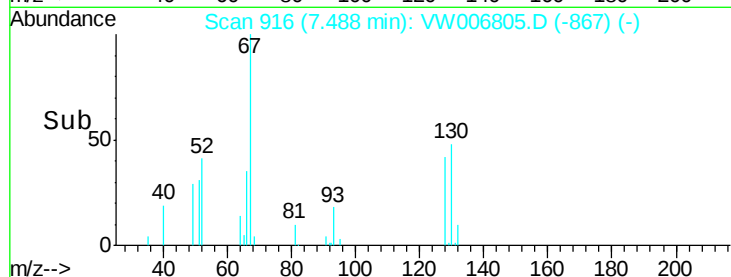
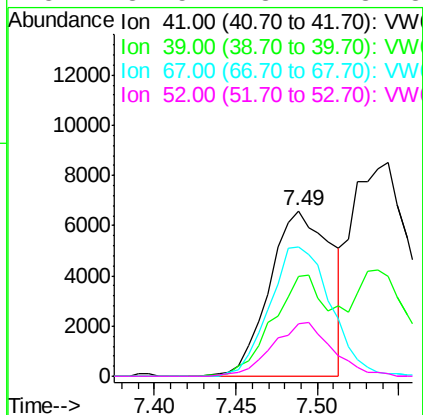
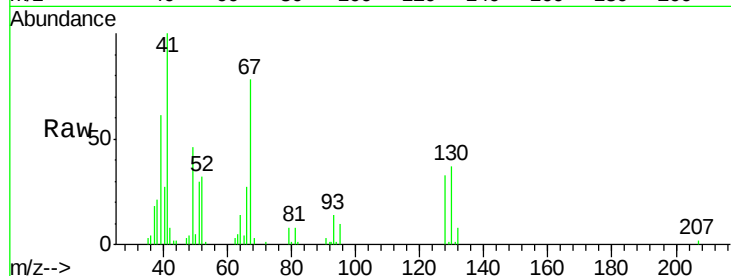
#41
Methacrylonitrile
Concen: 20.388 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
41	100		
39	50.7	48.1	72.1
67	77.7	61.4	92.2
52	31.5	23.2	34.8

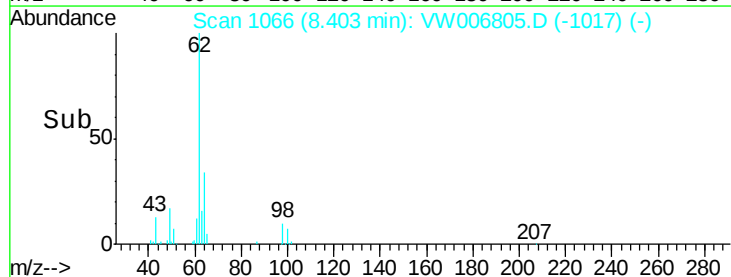
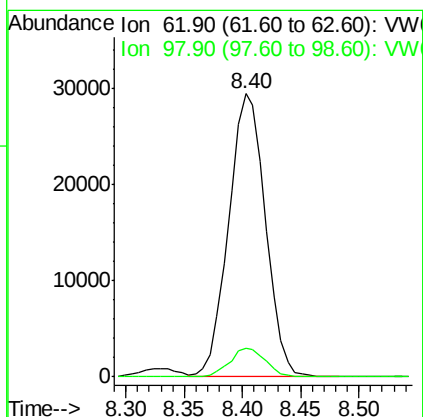
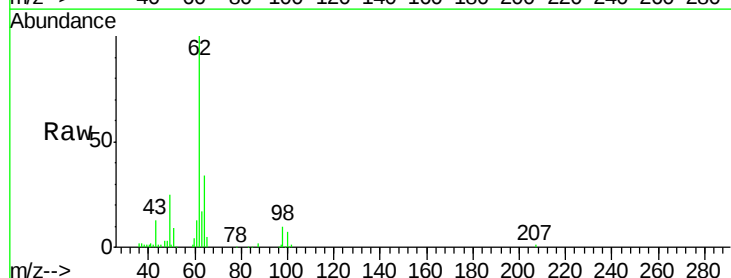
Manual Integrations
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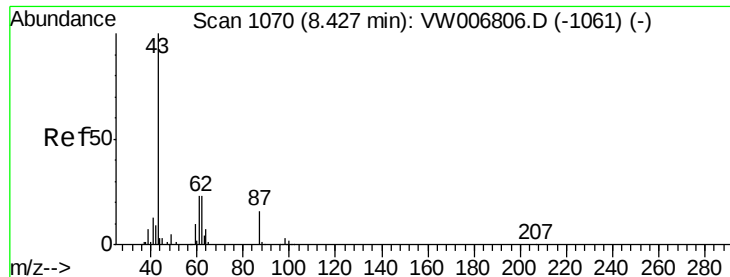
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#42
1,2-Dichloroethane
Concen: 20.437 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.0





#43

Isopropyl Acetate

Concen: 19.676 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Instrument :

MSVOA_W

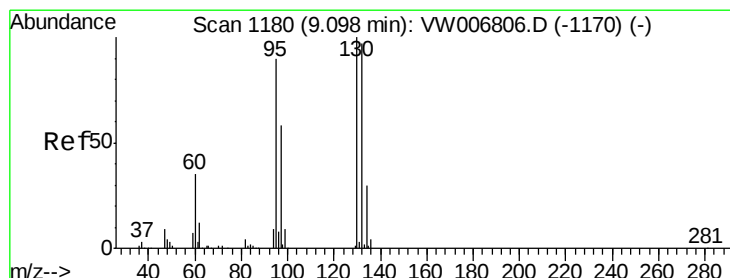
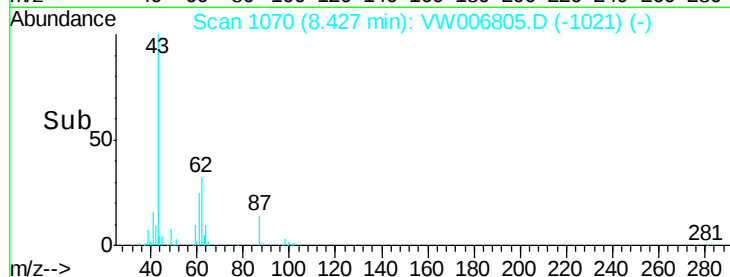
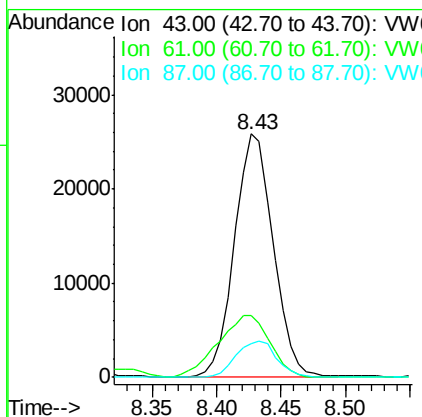
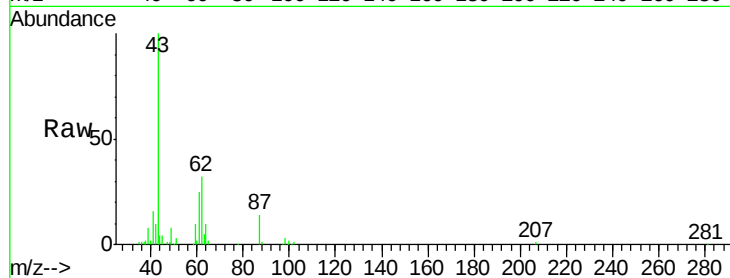
ClientSampleId :

VSTDIC020

Tgt Ion:	43	Resp:	54117
Ion Ratio		Lower	Upper
43	100		
61	34.0	27.0	40.4
87	15.7	13.0	19.4

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#44

Trichloroethene

Concen: 21.530 ug/l

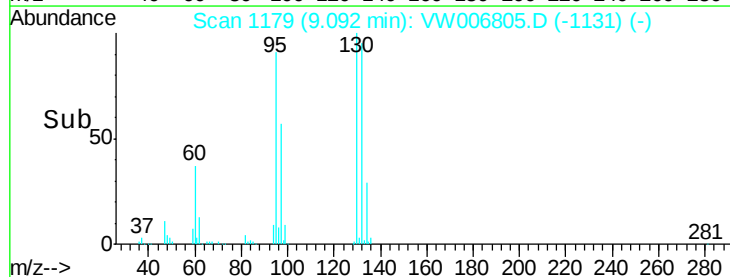
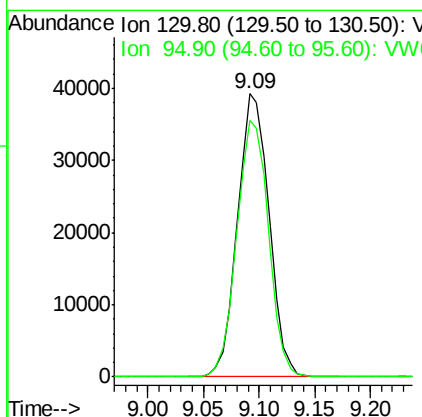
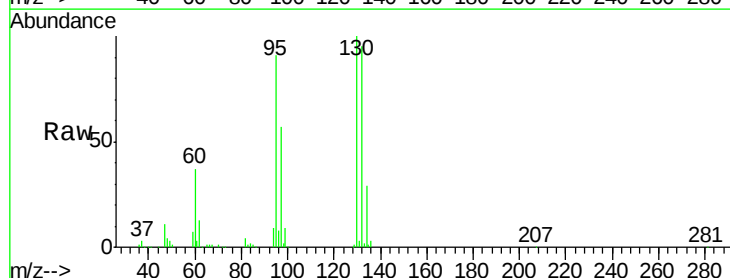
RT: 9.09 min Scan# 1179

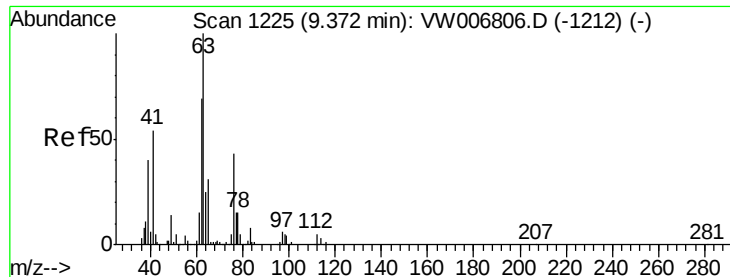
Delta R.T. -0.01 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Tgt Ion:	130	Resp:	77224
Ion Ratio		Lower	Upper
130	100		
95	90.5	0.0	180.2





#45

1,2-Dichloropropane

Concen: 21.125 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tgt Ion: 63 Resp: 57880

Ion Ratio Lower Upper

63 100

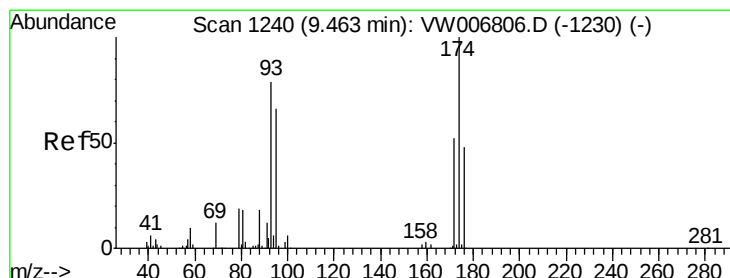
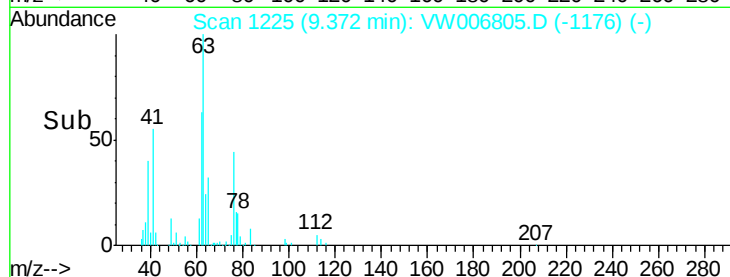
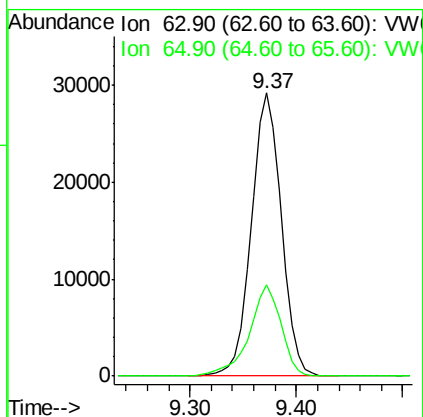
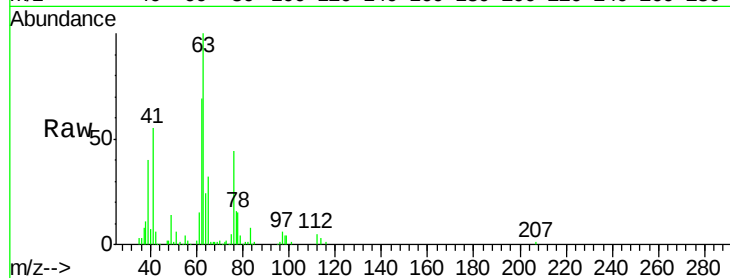
65 32.3 24.4 36.6

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#46

Dibromomethane

Concen: 20.088 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

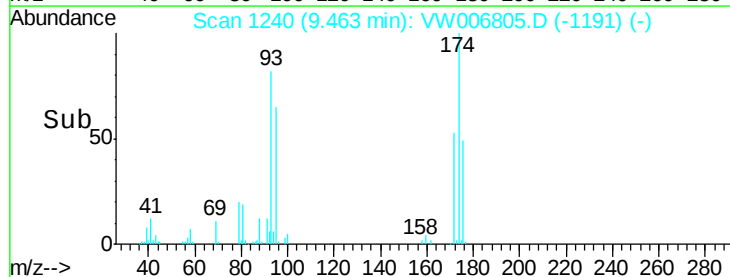
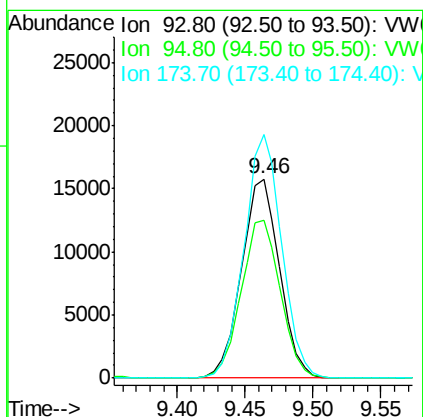
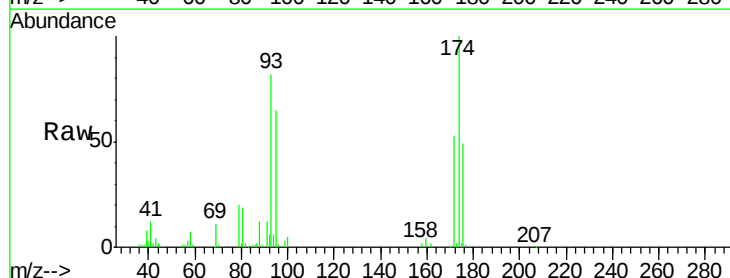
Tgt Ion: 93 Resp: 30901

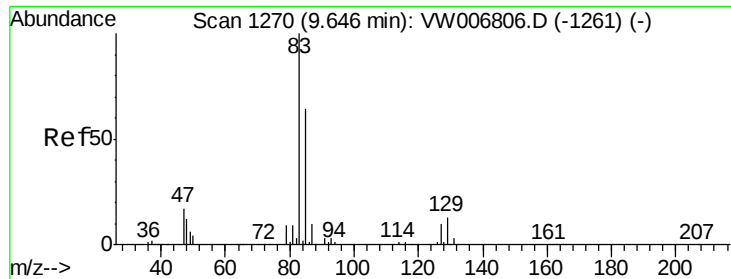
Ion Ratio Lower Upper

93 100

95 81.5 67.0 100.6

174 120.7 98.6 147.8





#47

Bromodichloromethane

Concen: 21.248 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Instrument :

MSVOA_W

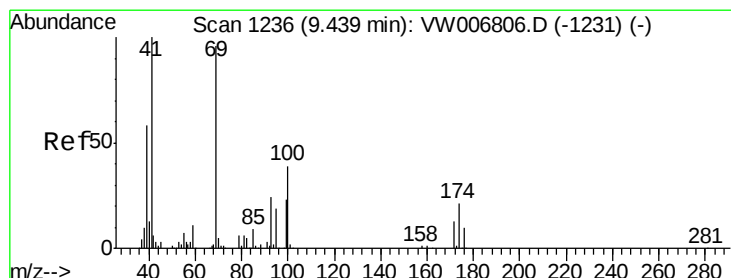
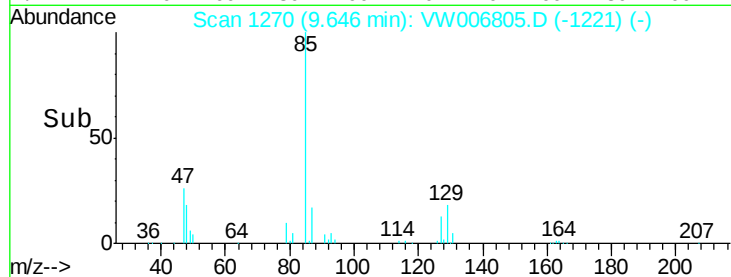
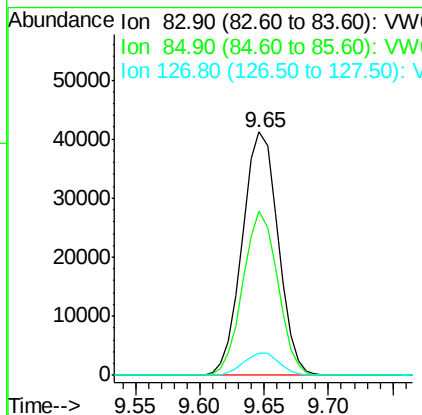
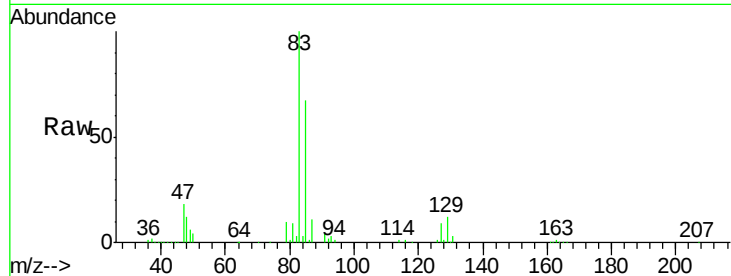
ClientSampleId :

VSTDIC020

Tgt Ion:	83	Resp:	79313
Ion	Ratio	Lower	Upper
83	100		
85	67.5	51.4	77.0
127	9.1	7.6	11.4

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#48

Methyl methacrylate

Concen: 19.549 ug/l

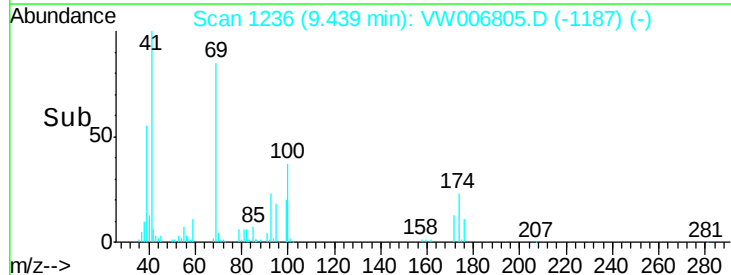
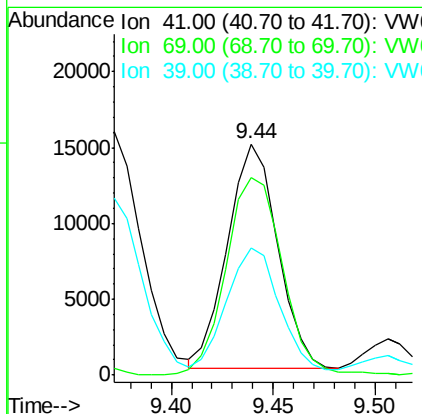
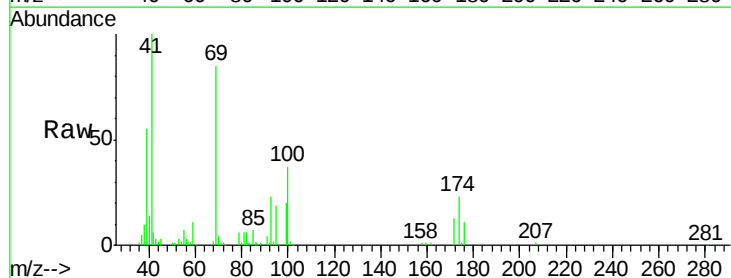
RT: 9.44 min Scan# 1236

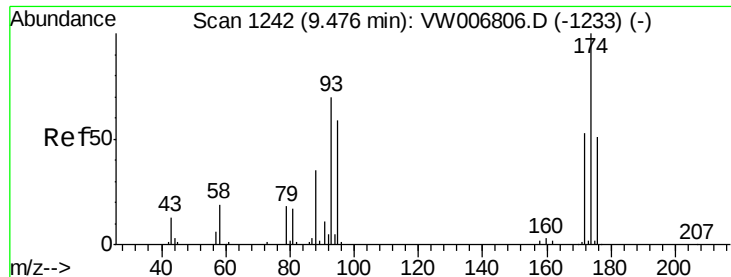
Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Tgt Ion:	41	Resp:	25323
Ion	Ratio	Lower	Upper
41	100		
69	98.9	79.8	119.6
39	56.6	45.9	68.9





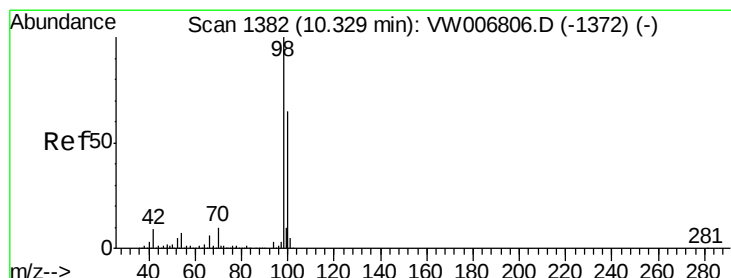
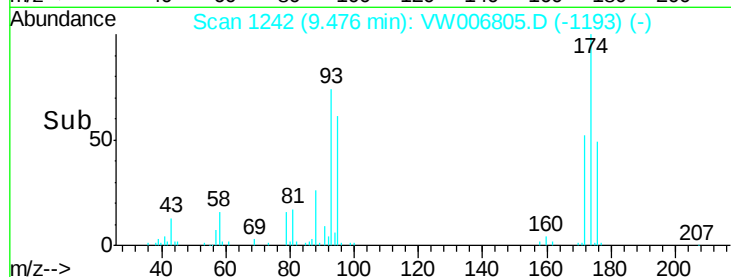
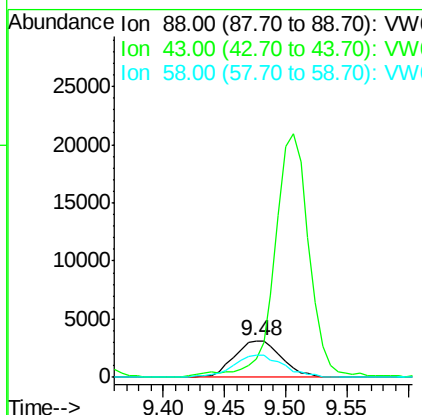
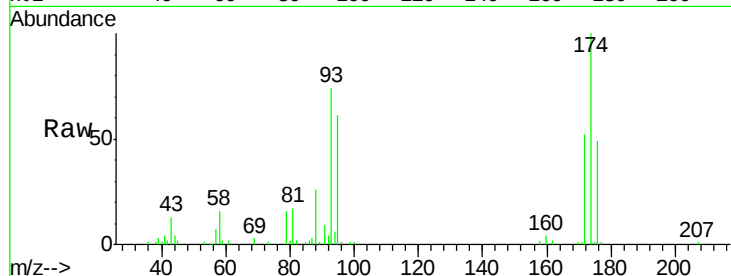
#49
1,4-Dioxane
Concen: 362.624 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	65.8	50.6	75.8

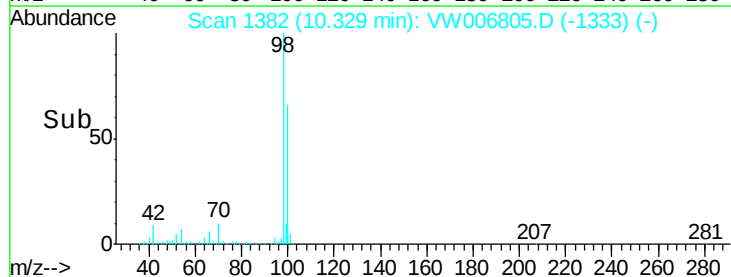
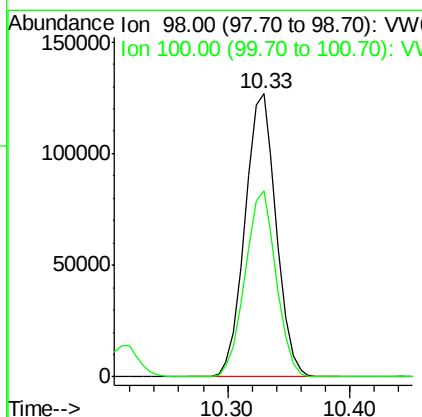
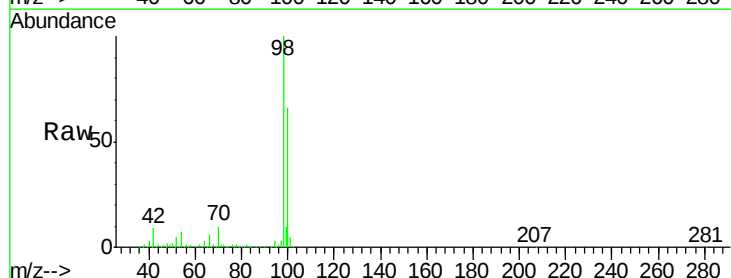
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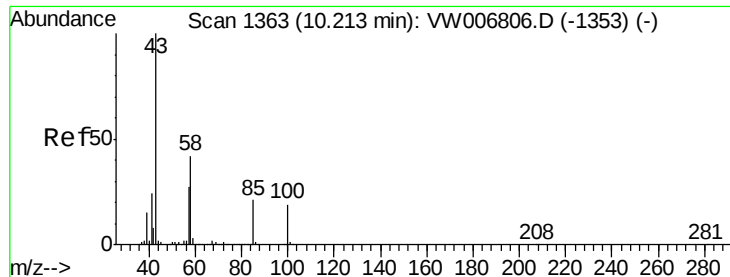
apatel
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#50
Toluene-d8
Concen: 20.602 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	51.4	77.2





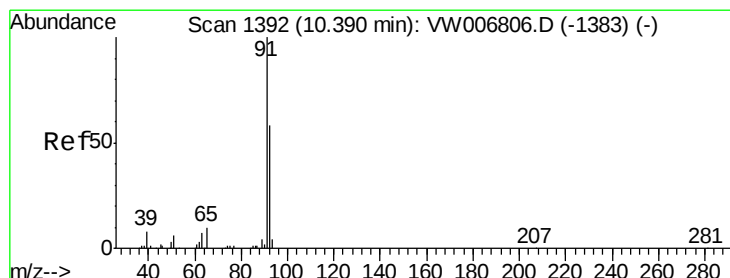
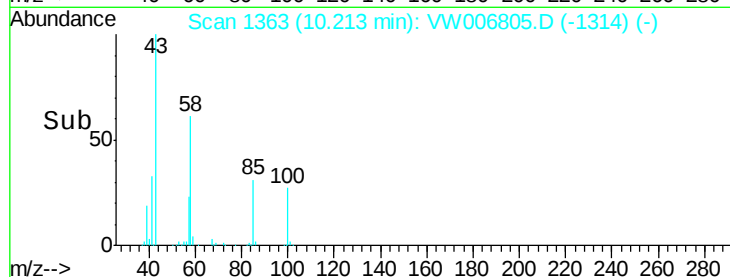
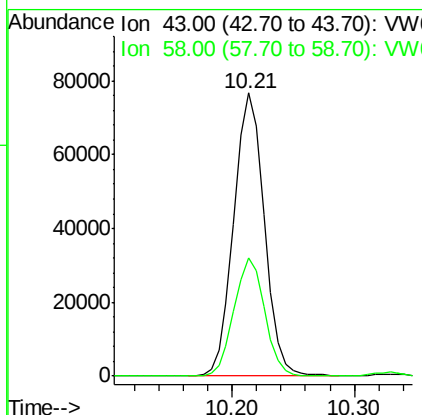
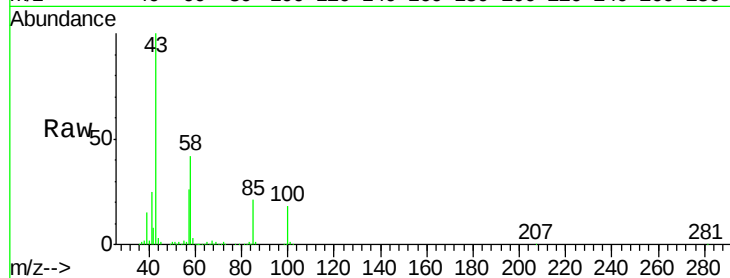
#51
4-Methyl-2-Pentanone
Concen: 93.855 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 132624
Ion Ratio Lower Upper
43 100
58 41.9 34.0 51.0

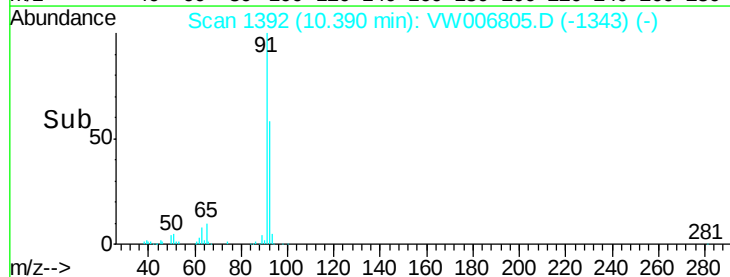
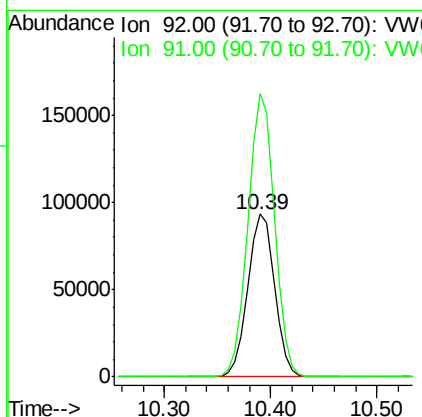
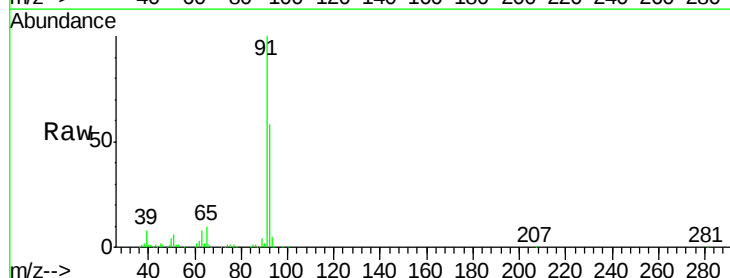
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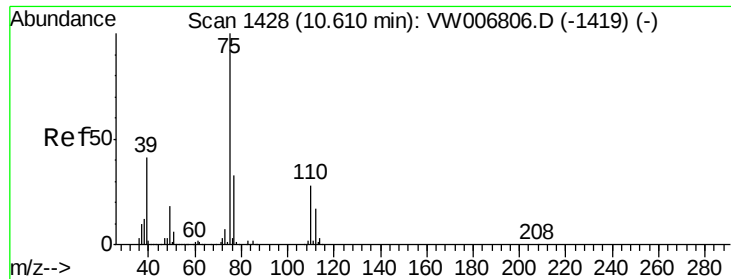
apatel
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#52
Toluene
Concen: 20.210 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Tgt Ion: 92 Resp: 165759
Ion Ratio Lower Upper
92 100
91 172.3 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 20.867 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tgt Ion: 75 Resp: 75526

Ion Ratio Lower Upper

75 100

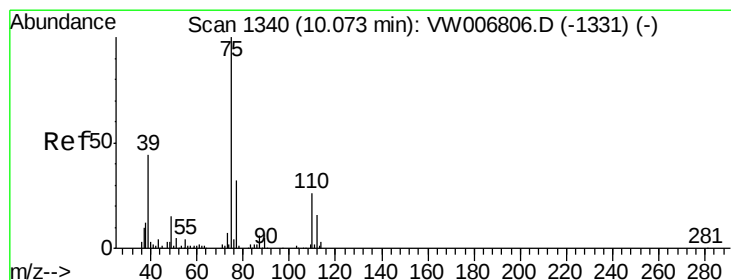
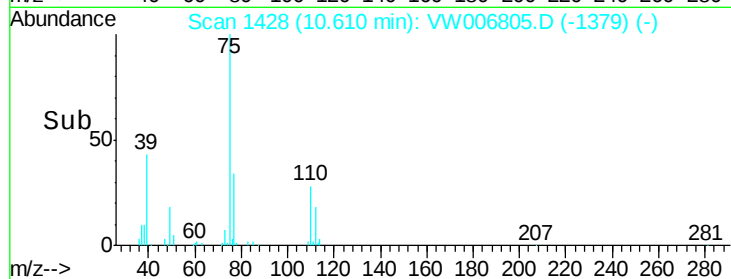
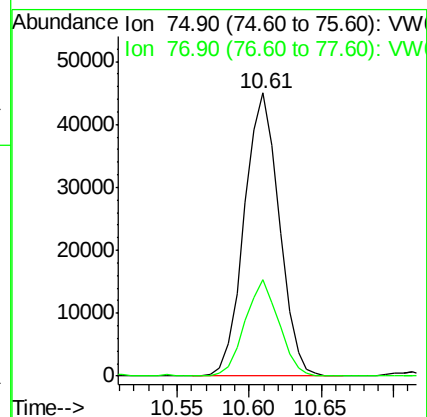
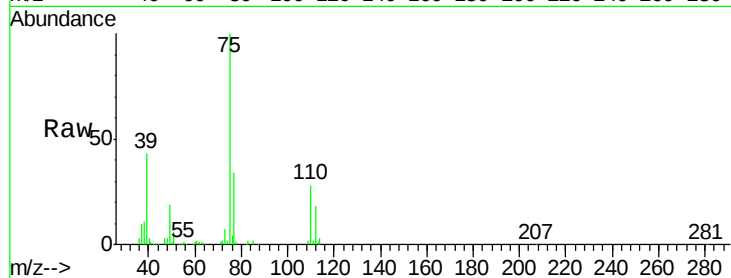
77 34.0 26.3 39.5

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 21.367 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

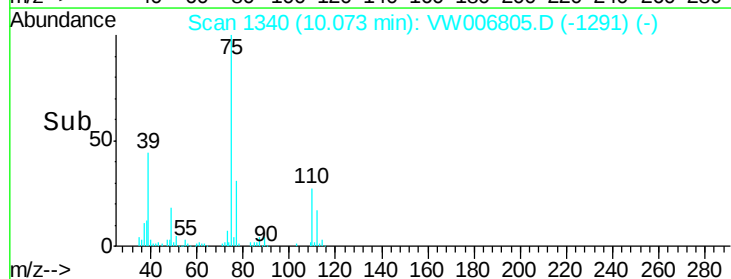
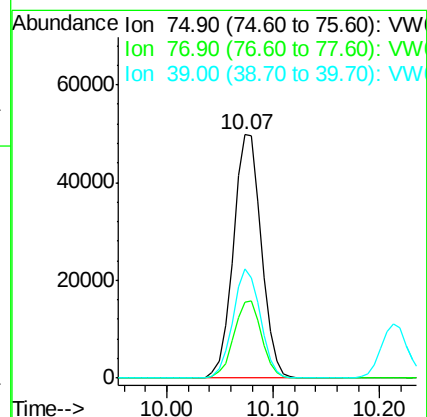
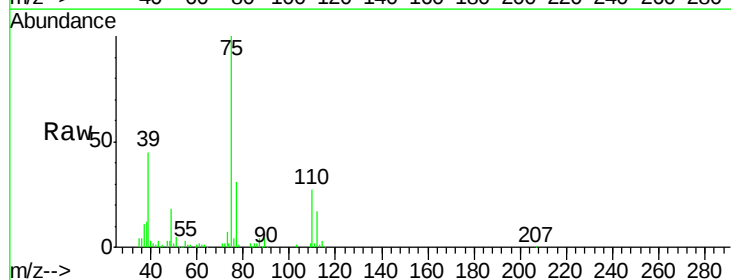
Tgt Ion: 75 Resp: 91691

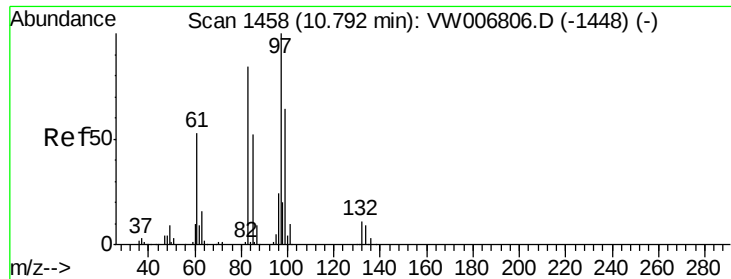
Ion Ratio Lower Upper

75 100

77 31.3 25.2 37.8

39 44.6 35.3 52.9





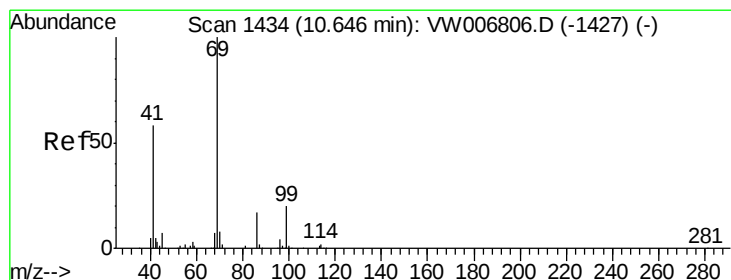
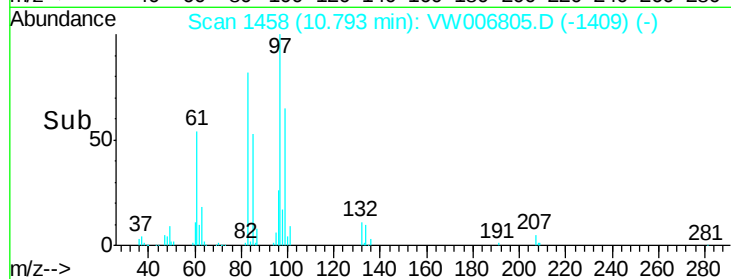
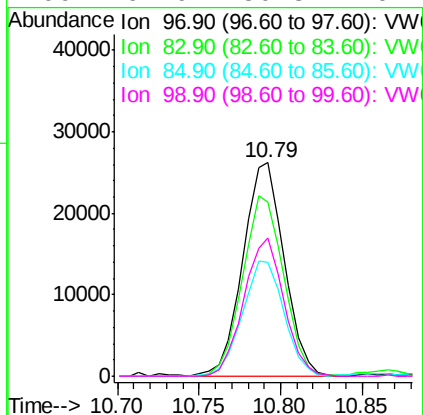
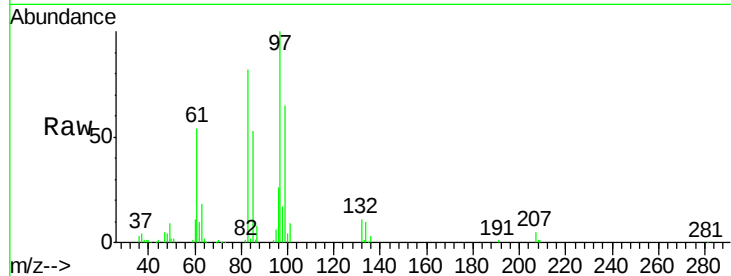
#55
 1,1,2-Trichloroethane
 Concen: 20.337 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006805.D
 Acq: 12 Nov 2018 13:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.8	67.0	100.4
85	53.1	41.7	62.5
99	64.9	50.8	76.2

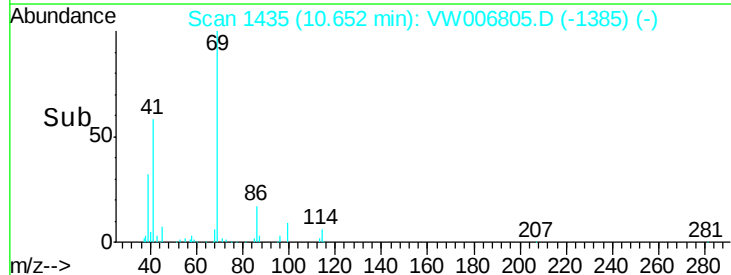
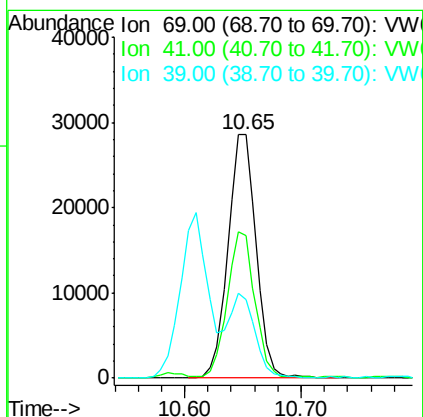
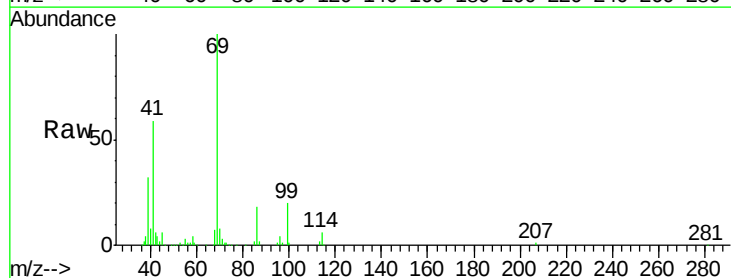
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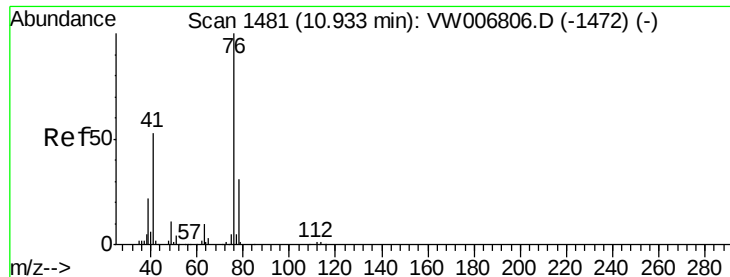
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#56
 Ethyl methacrylate
 Concen: 19.161 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: VW006805.D
 Acq: 12 Nov 2018 13:16

Tgt Ion	Ratio	Lower	Upper
69	100		
41	58.9	47.0	70.4
39	29.5	23.1	34.7





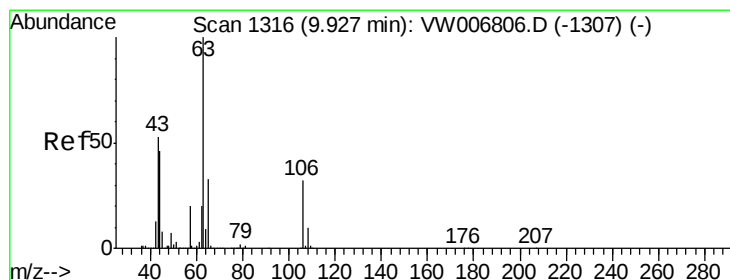
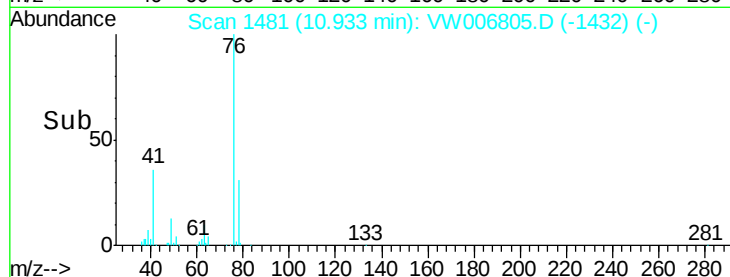
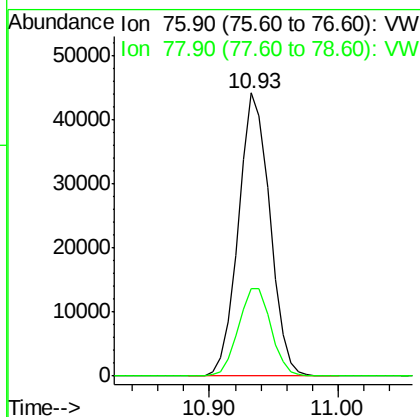
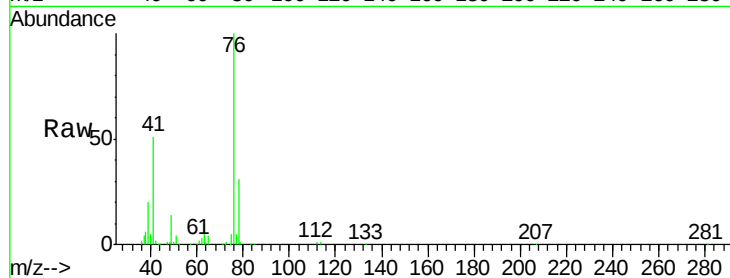
#57
 1,3-Dichloropropane
 Concen: 20.543 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW006805.D
 Acq: 12 Nov 2018 13:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion: 76 Resp: 74420
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.2 39.2

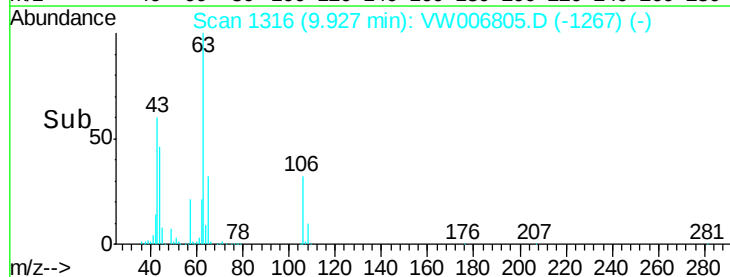
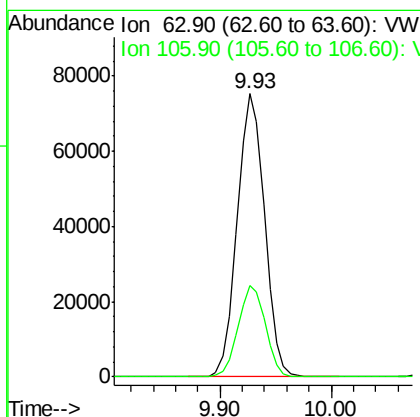
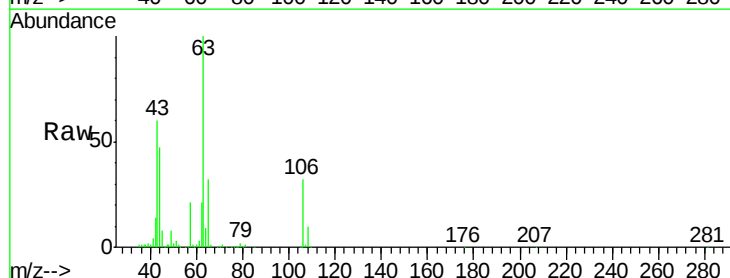
Manual Integrations
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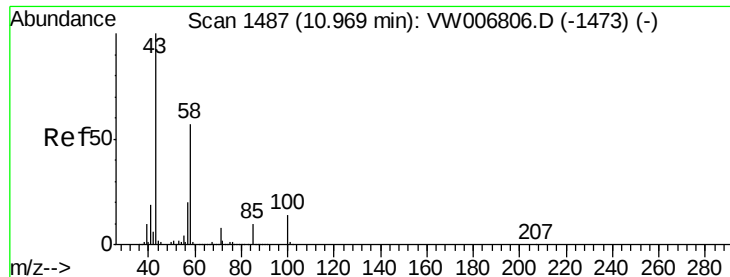
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 102.657 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006805.D
 Acq: 12 Nov 2018 13:16

Tgt Ion: 63 Resp: 127933
 Ion Ratio Lower Upper
 63 100
 106 32.2 25.4 38.0





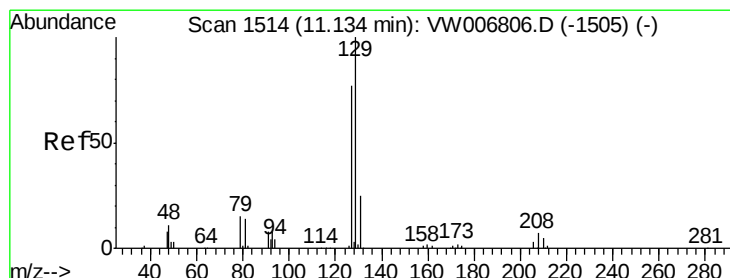
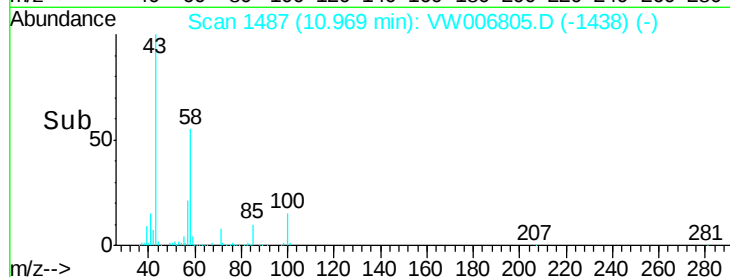
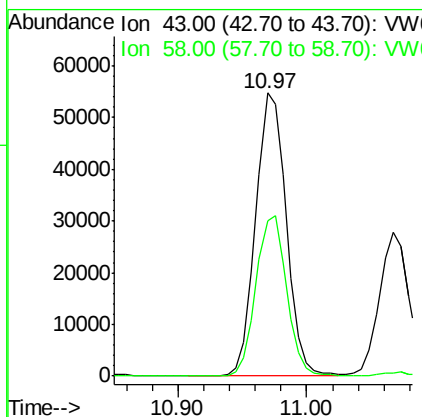
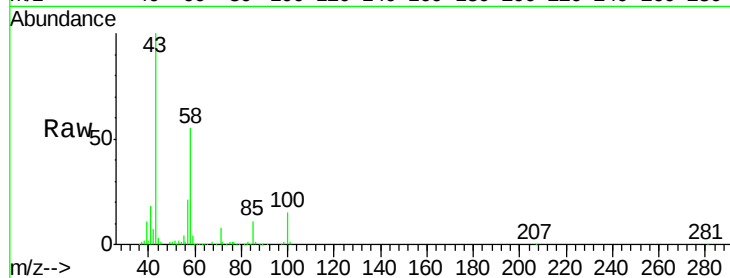
#59
2-Hexanone
Concen: 94.126 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 90140
Ion Ratio Lower Upper
43 100
58 56.6 28.7 86.1

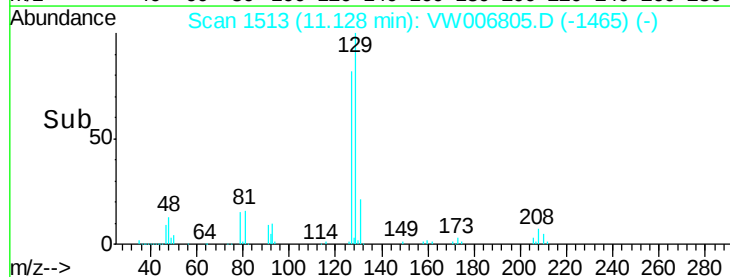
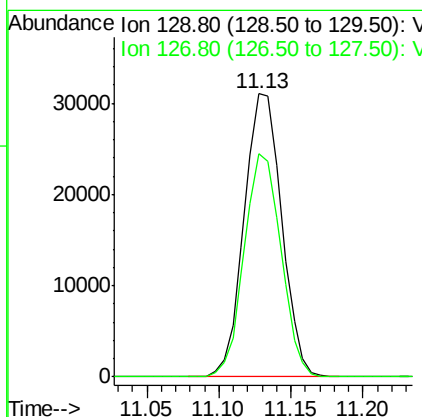
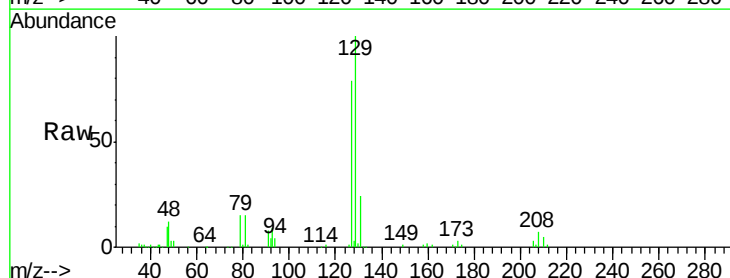
Manual Integrations
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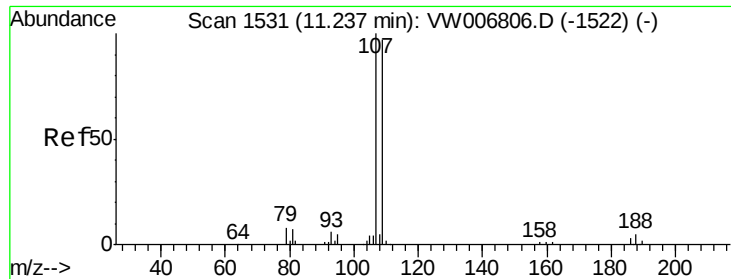
apatel
11/13/2018 11:53:37 AM



#60
Dibromochloromethane
Concen: 20.568 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Tgt Ion: 129 Resp: 56025
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1





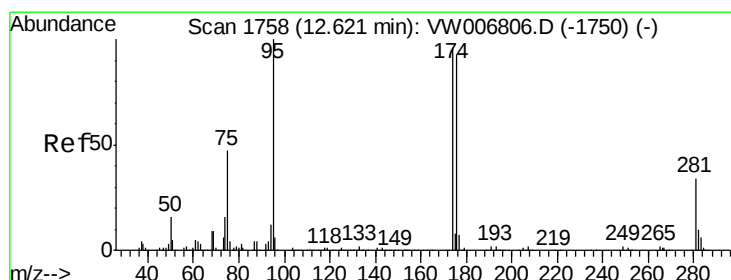
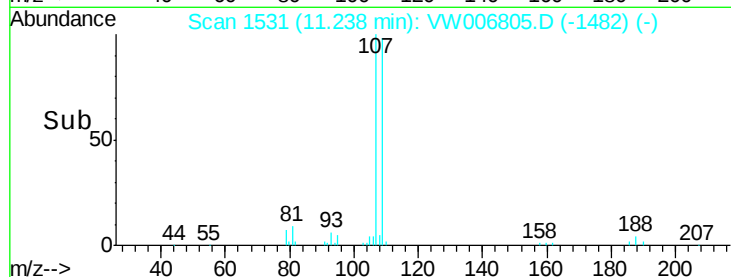
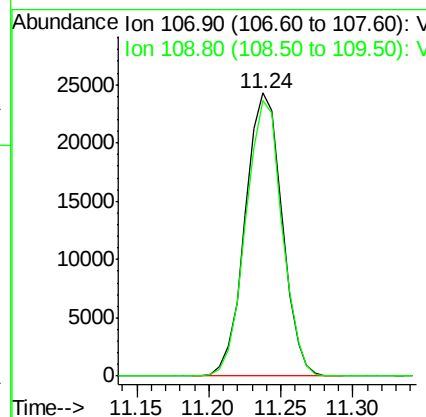
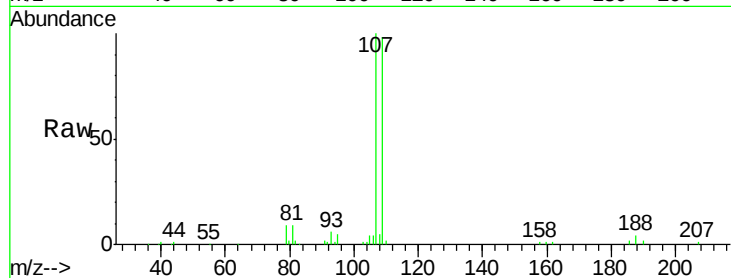
#61
 1,2-Dibromoethane
 Concen: 19.752 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006805.D
 Acq: 12 Nov 2018 13:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion: 107 Resp: 43063
 Ion Ratio Lower Upper
 107 100
 109 96.0 76.7 115.1

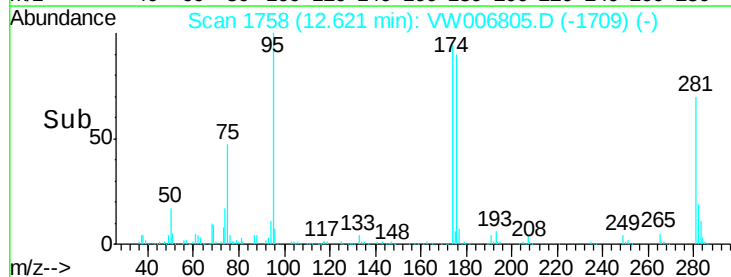
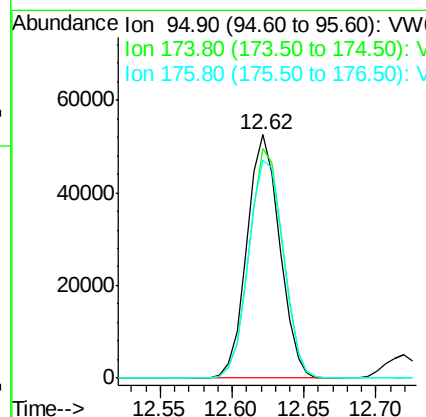
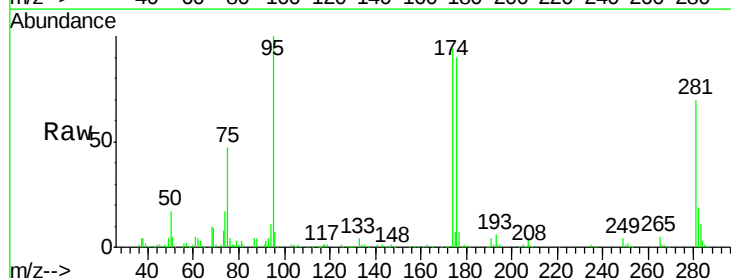
Manual Integrations
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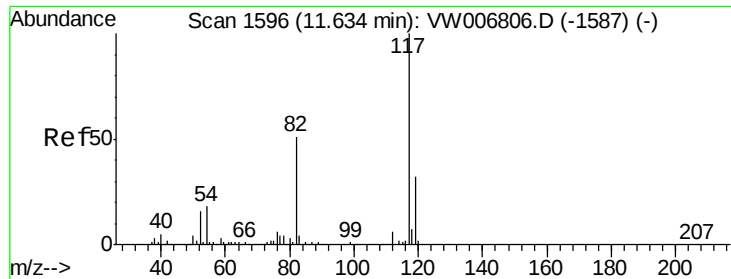
apatel
 11/13/2018 11:53:37 AM



#62
 4-Bromofluorobenzene
 Concen: 20.795 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006805.D
 Acq: 12 Nov 2018 13:16

Tgt Ion: 95 Resp: 82599
 Ion Ratio Lower Upper
 95 100
 174 96.9 0.0 196.6
 176 94.8 0.0 191.6





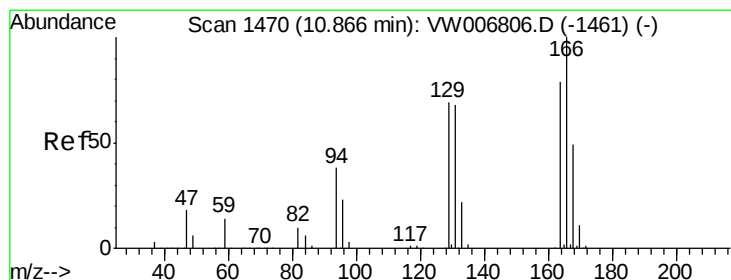
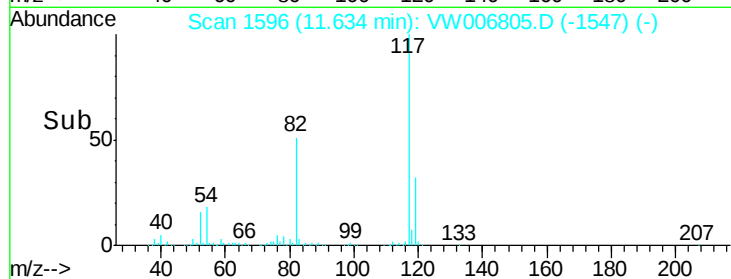
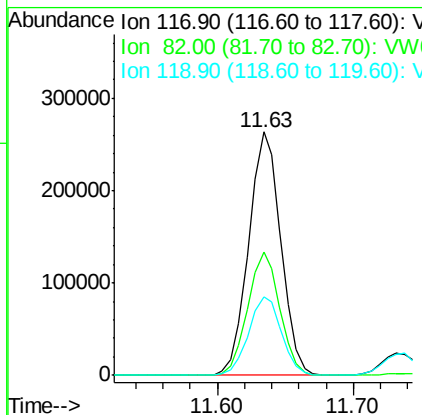
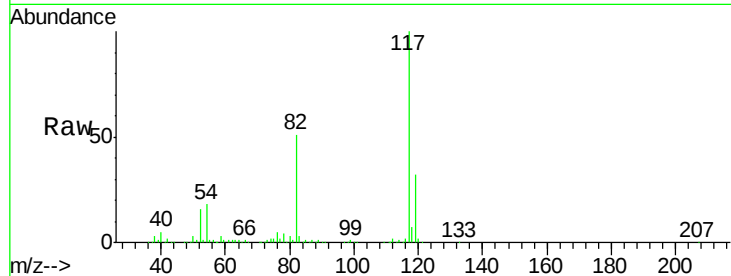
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	437710		
82	50.7	40.6	61.0	
119	32.0	25.5	38.3	

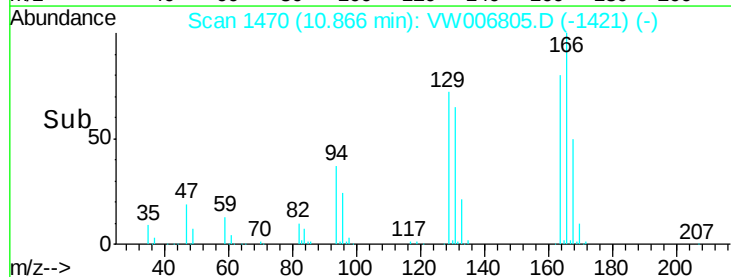
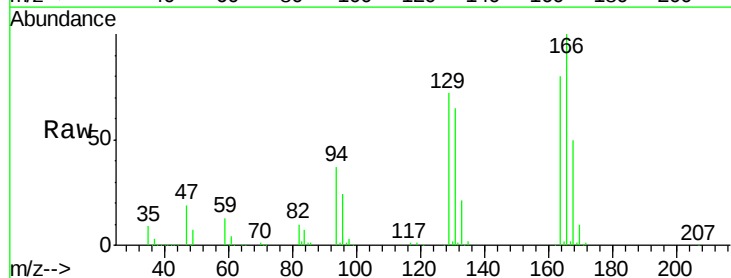
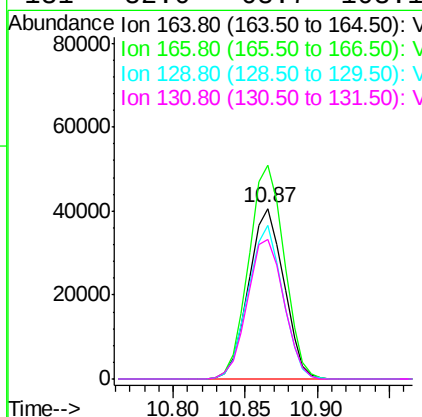
Manual Integrations
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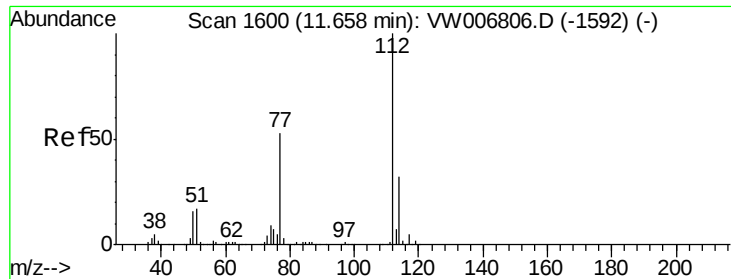
apatel
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#64
Tetrachloroethene
Concen: 20.541 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	68659		
166	125.3	101.3	151.9	
129	89.9	69.6	104.4	
131	82.0	68.7	103.1	





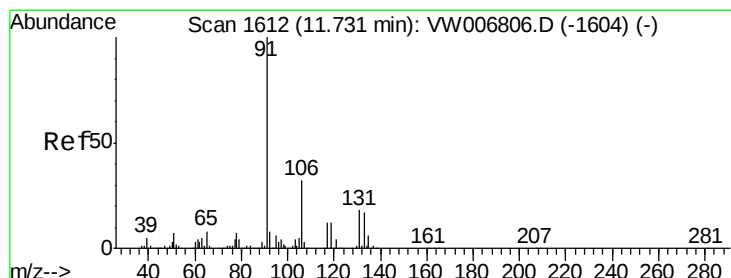
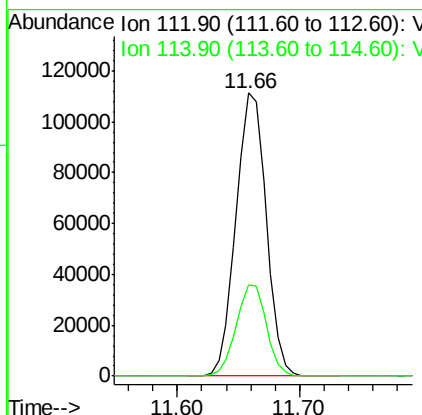
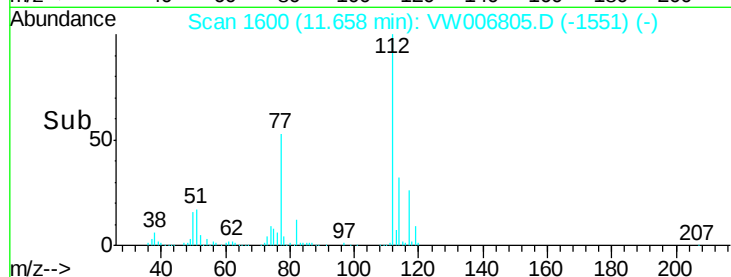
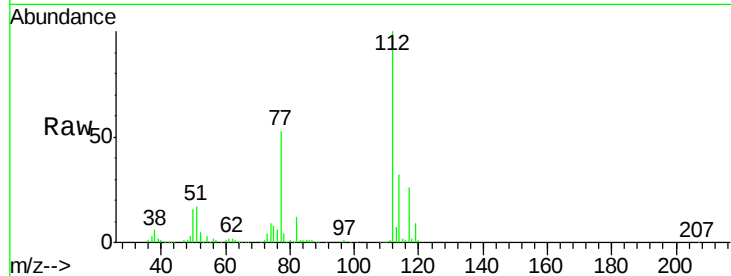
#65
Chlorobenzene
Concen: 20.460 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 190624
Ion Ratio Lower Upper
112 100
114 32.4 26.0 39.0

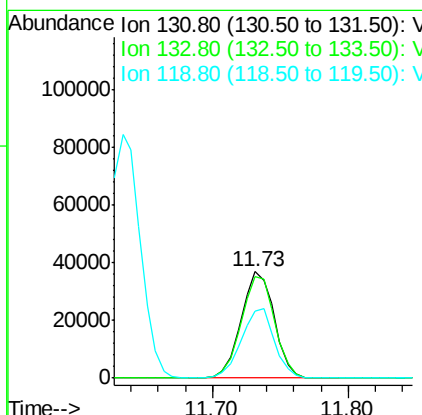
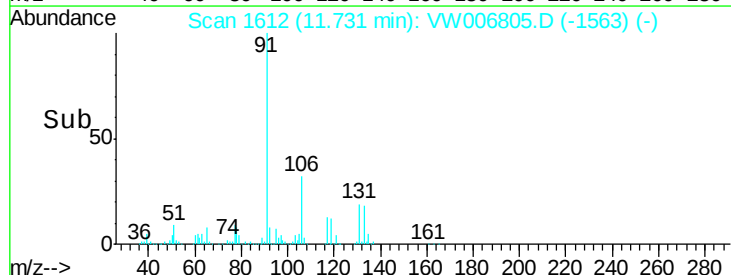
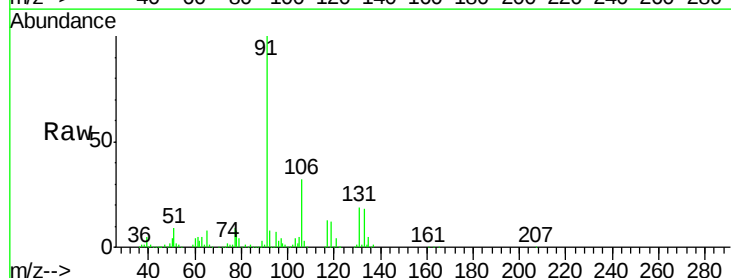
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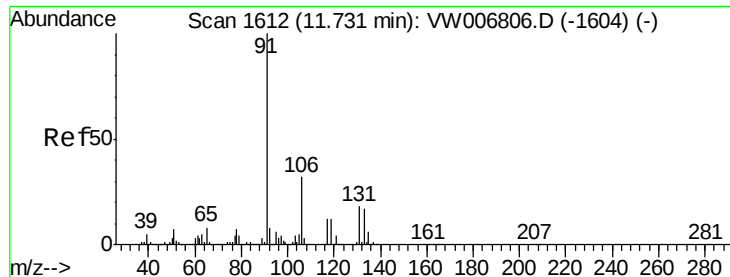
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.139 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Tgt Ion:131 Resp: 63093
Ion Ratio Lower Upper
131 100
133 96.2 47.9 143.8
119 65.0 32.4 97.2





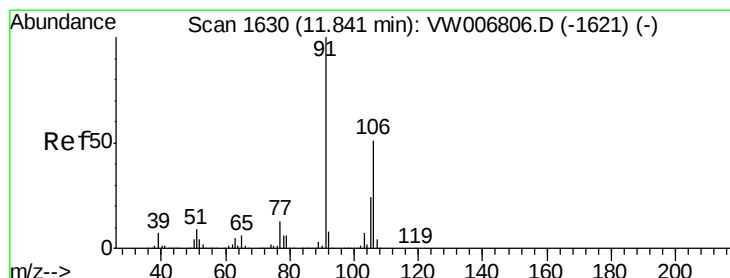
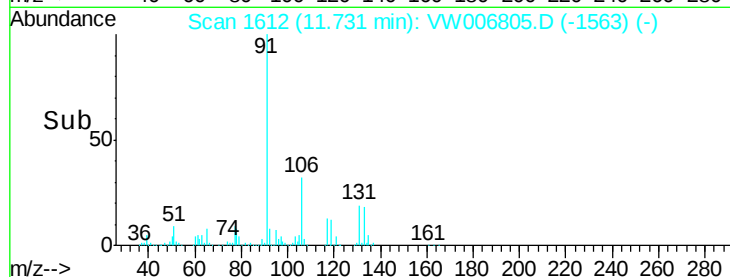
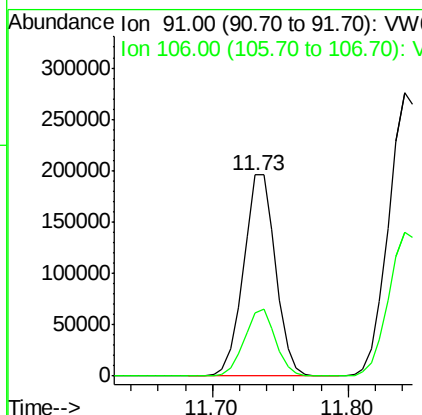
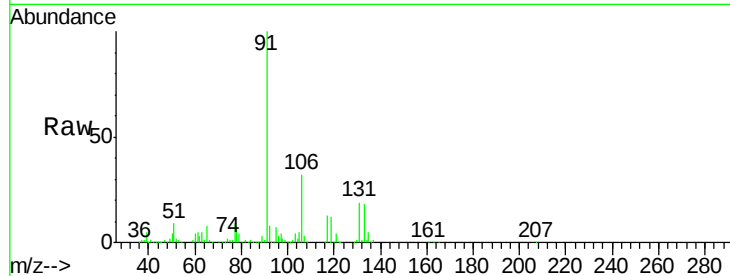
#67
Ethyl Benzene
Concen: 20.603 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 322923
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.0

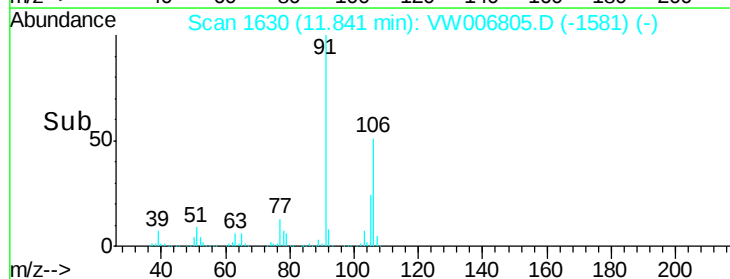
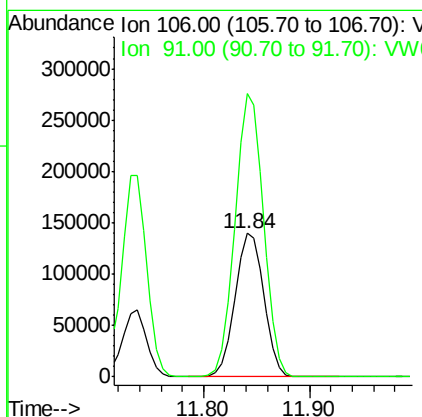
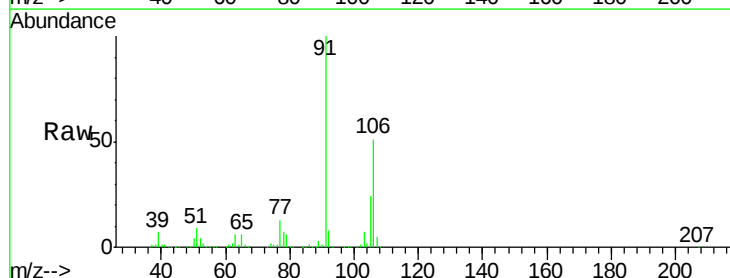
Manual Integrations
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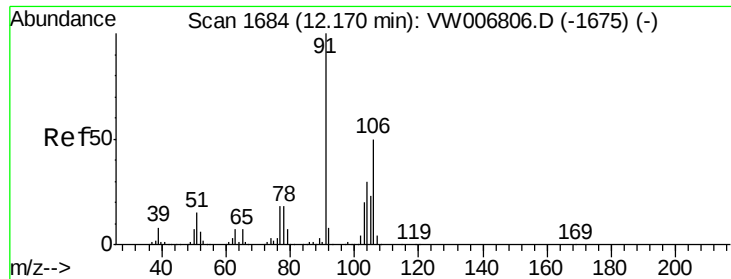
apatel
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#68
m/p-Xylenes
Concen: 41.521 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Tgt Ion: 106 Resp: 265451
Ion Ratio Lower Upper
106 100
91 194.9 155.7 233.5





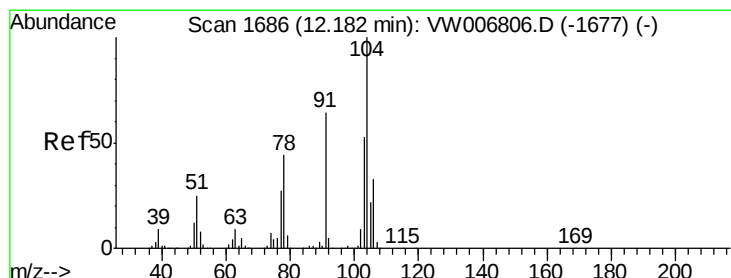
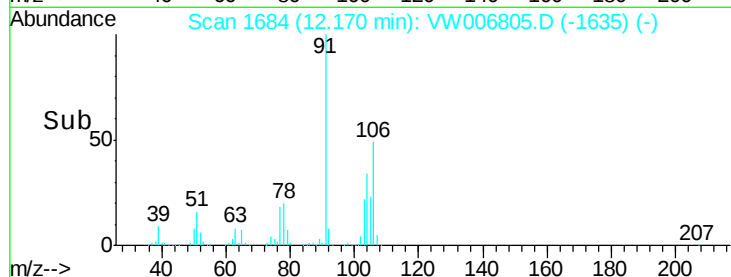
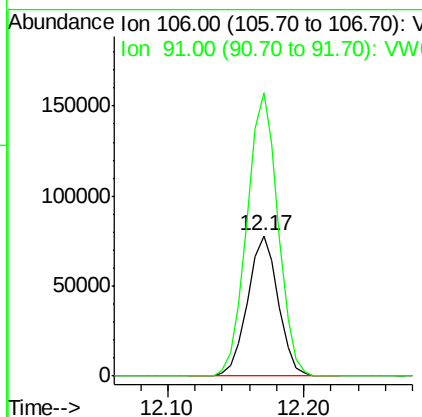
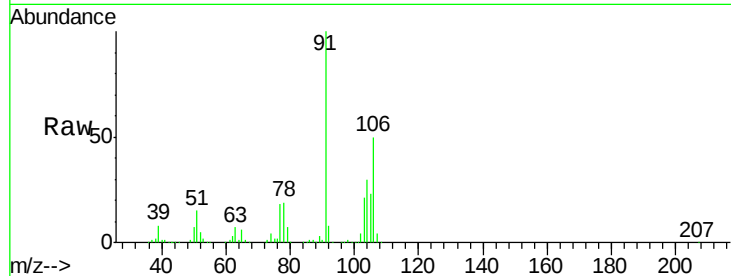
#69
o-Xylene
Concen: 20.844 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
106	100		
91	205.3	101.9	305.7

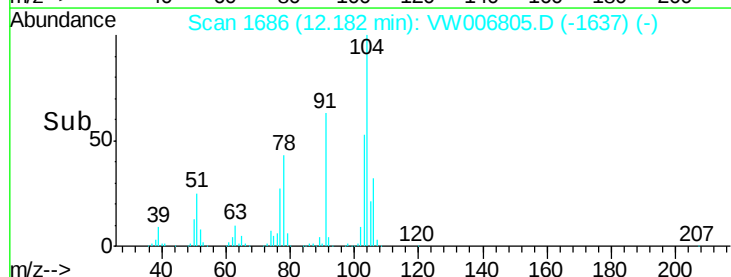
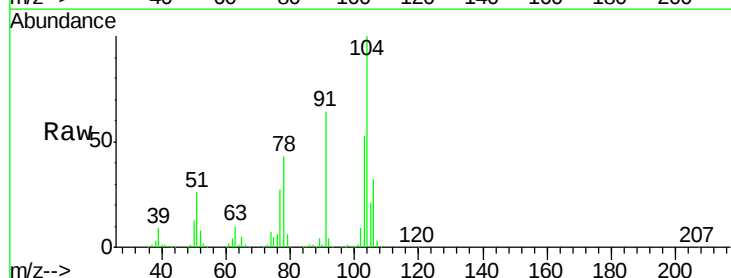
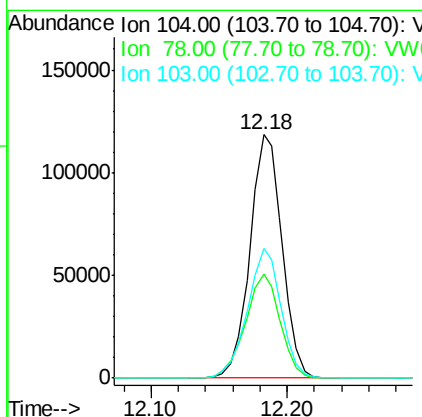
Manual Integrations
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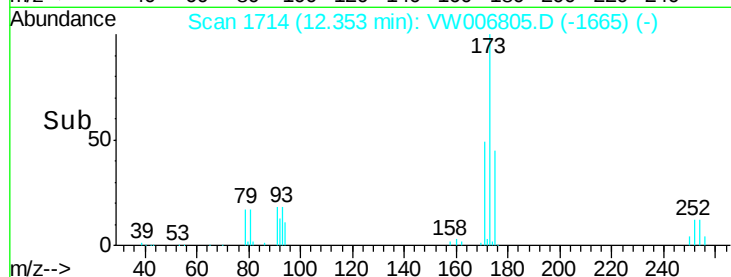
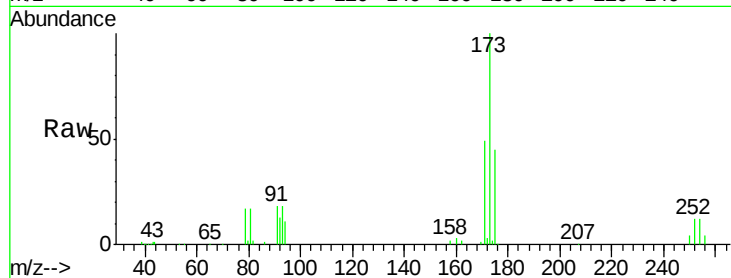
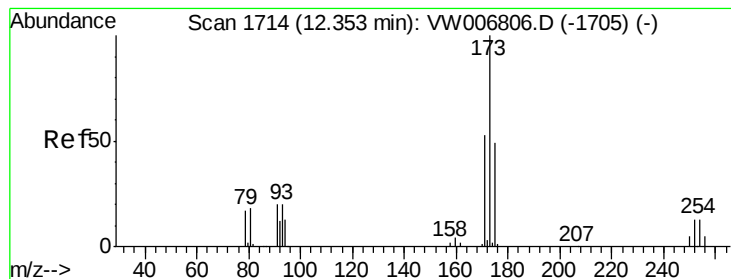
apatel
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#70
Styrene
Concen: 20.484 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Tgt Ion	Ratio	Lower	Upper
104	100		
78	46.4	37.3	55.9
103	55.8	44.6	66.8





#71

Bromoform

Concen: 20.359 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Tgt Ion:	173	Resp:	33659
Ion Ratio	Lower	Upper	
173	100		
175	47.3	24.4	73.4
254	0.0	0.1	0.1#

Instrument :

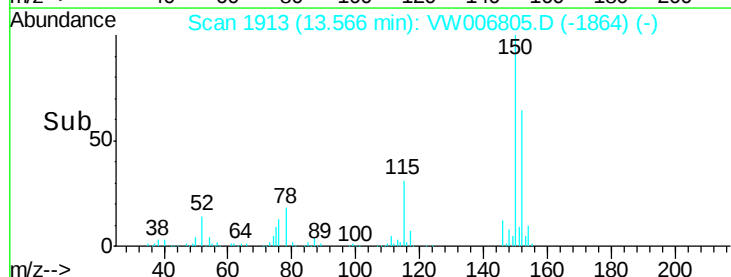
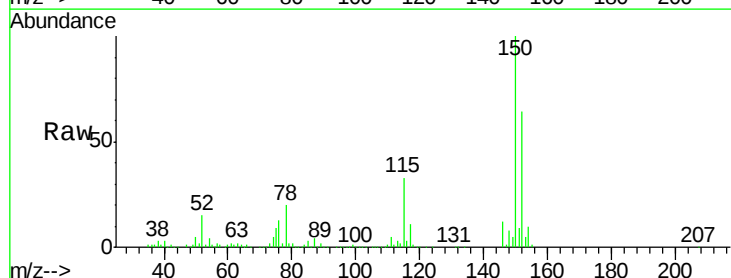
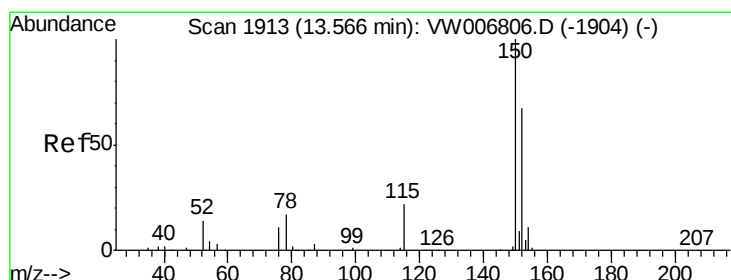
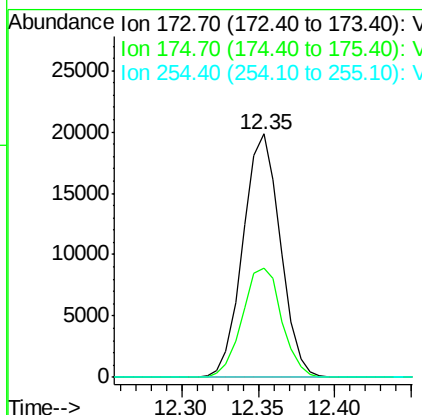
MSVOA_W

ClientSampleId :

VSTDIC020

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

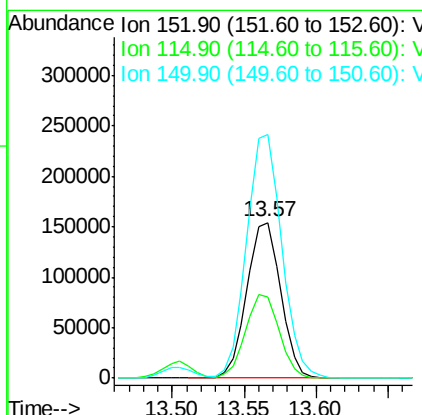
RT: 13.57 min Scan# 1913

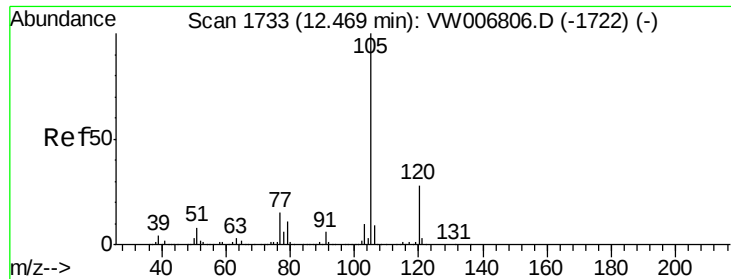
Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Tgt Ion:	152	Resp:	249874
Ion Ratio	Lower	Upper	
152	100		
115	53.5	27.3	81.8
150	163.3	0.0	353.0





#73

Isopropylbenzene

Concen: 20.680 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tgt Ion: 105 Resp: 332479

Ion Ratio Lower Upper

105 100

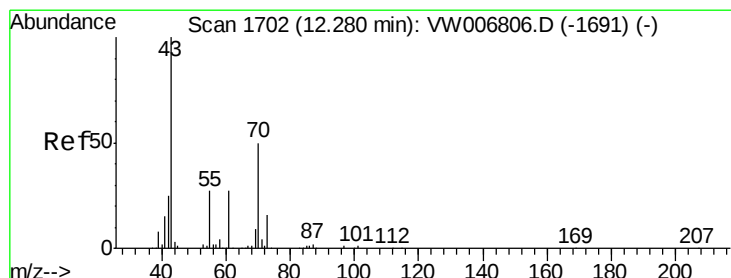
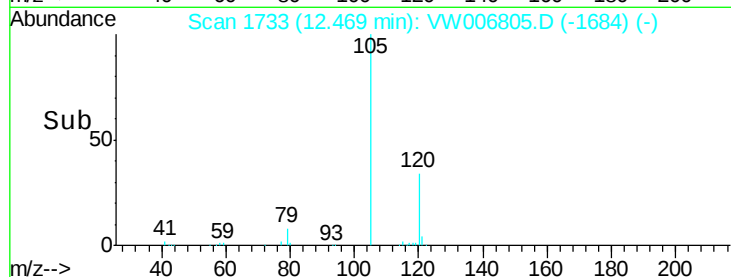
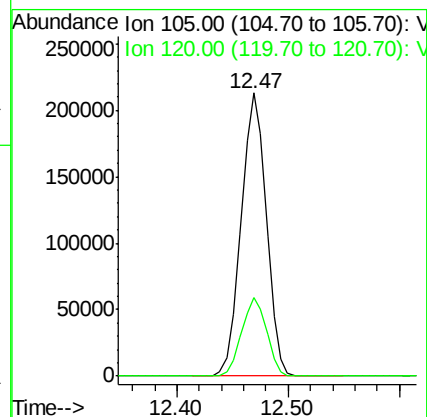
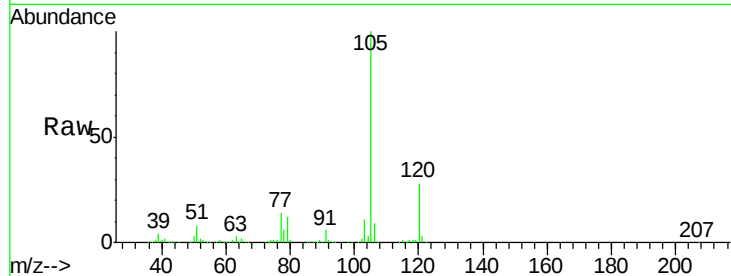
120 27.6 14.0 42.0

Manual Integrations

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#74

N-ethyl acetate

Concen: 19.032 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.01 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Tgt Ion: 43 Resp: 49874

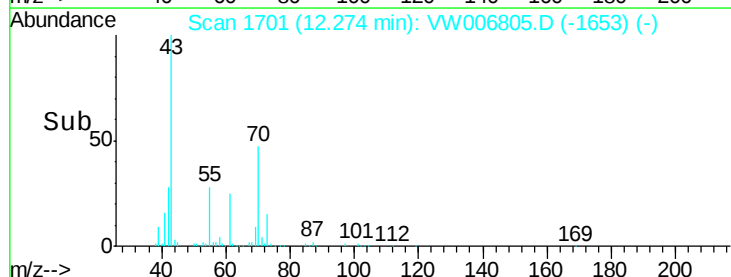
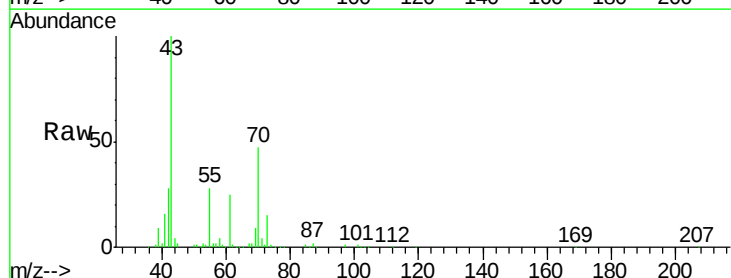
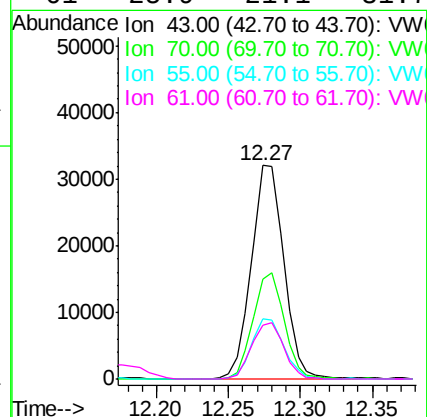
Ion Ratio Lower Upper

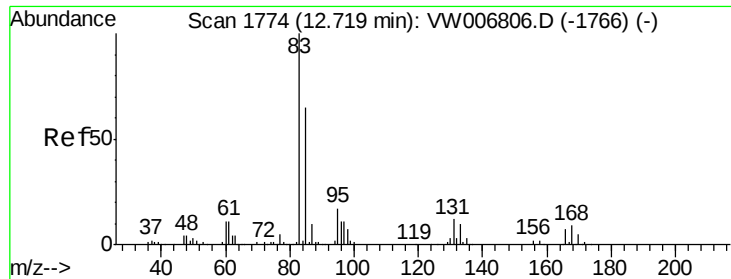
43 100

70 48.3 39.0 58.4

55 28.1 22.1 33.1

61 25.9 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 19.505 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Instrument :

MSVOA_W

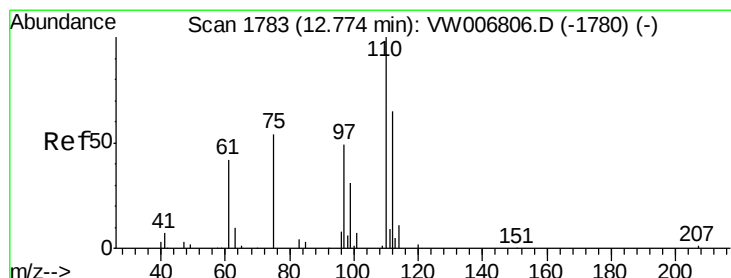
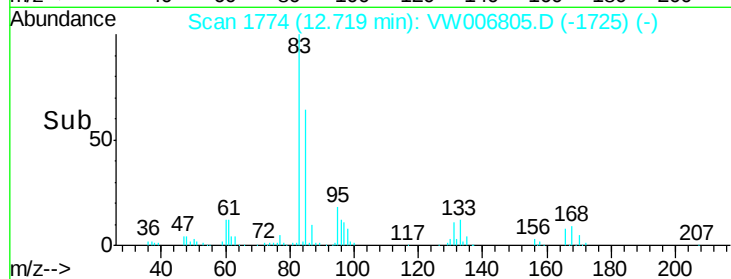
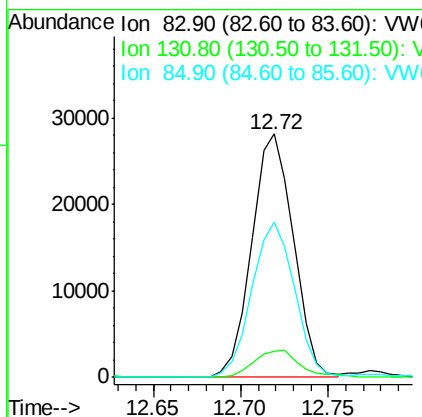
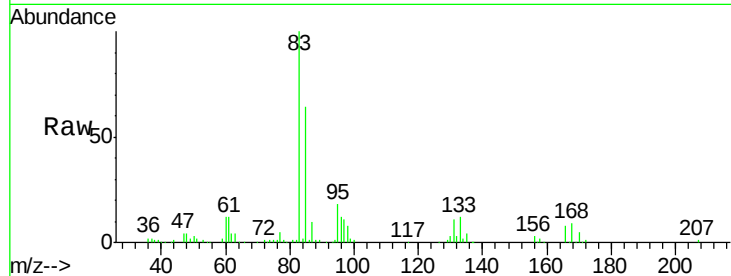
ClientSampleId :

VSTDIC020

Tgt Ion:	83	Resp:	46717
Ion Ratio	Lower	Upper	
83	100		
131	12.2	6.1	18.3
85	65.4	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 18.926 ug/l m

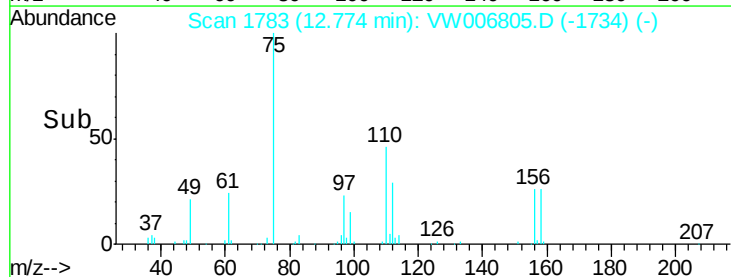
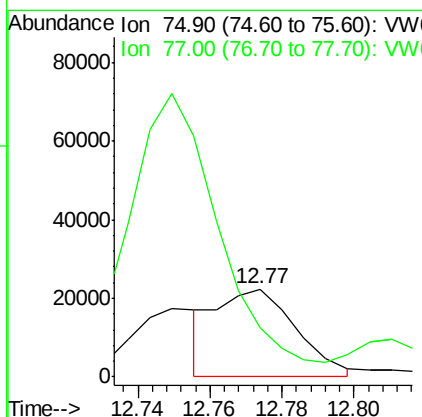
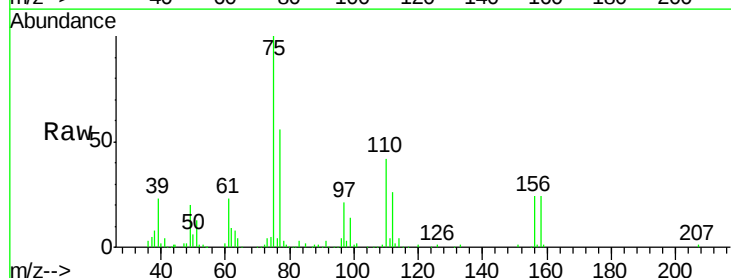
RT: 12.77 min Scan# 1783

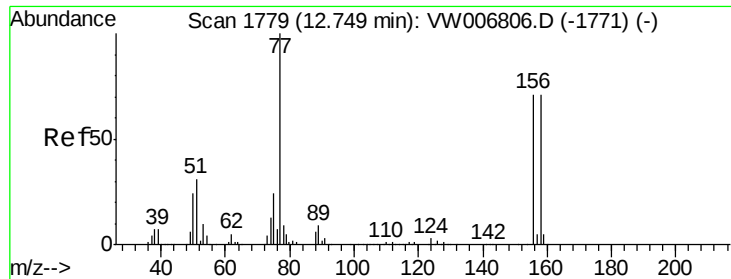
Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Tgt Ion:	75	Resp:	34487
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.412 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Instrument :

MSVOA_W

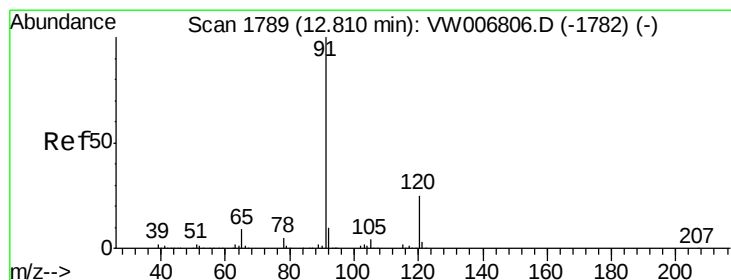
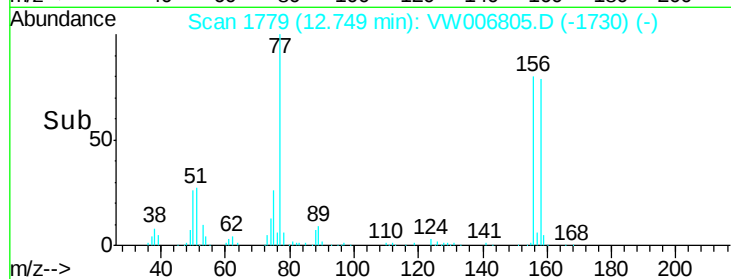
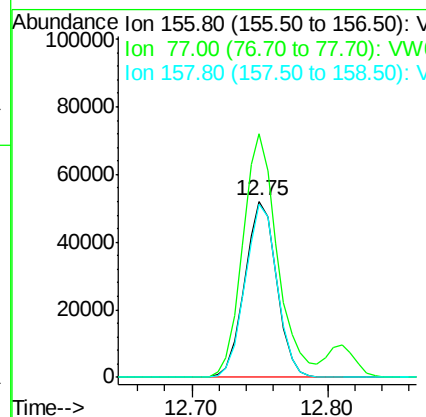
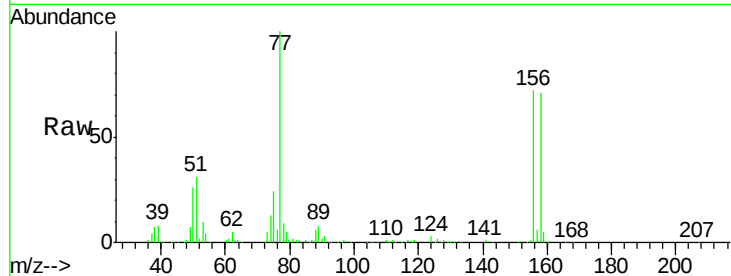
ClientSampleId :

VSTDIC020

Tgt Ion	Ratio	Lower	Upper
156	100		
77	151.2	75.3	225.7
158	98.4	49.2	147.6

Manual Integrations
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#78

n-propylbenzene

Concen: 20.686 ug/l

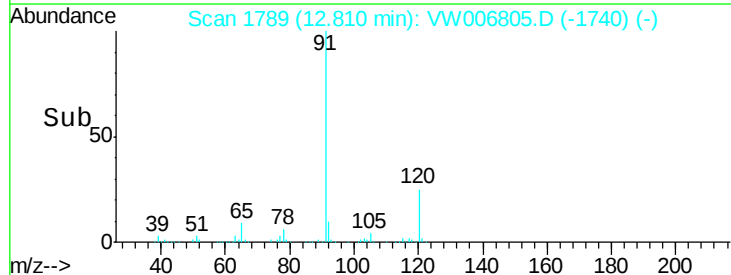
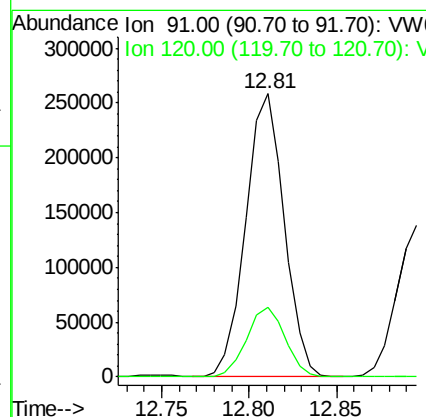
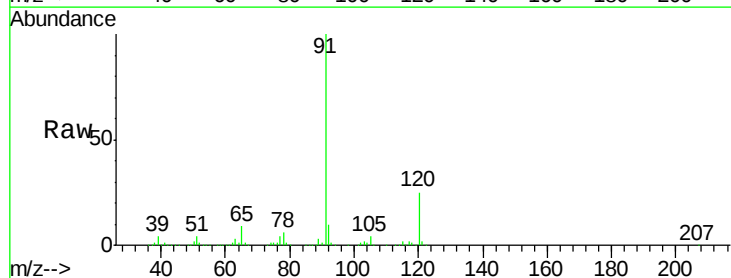
RT: 12.81 min Scan# 1789

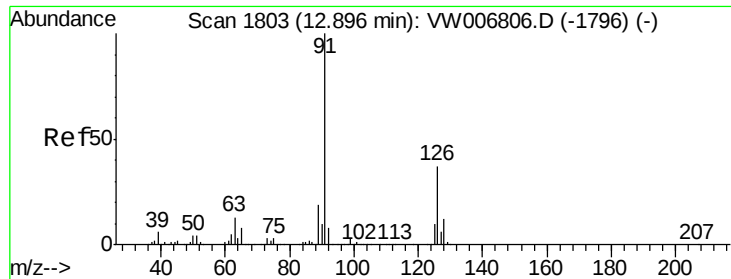
Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.6	12.4	37.4





#79

2-Chlorotoluene

Concen: 20.581 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tgt Ion: 91 Resp: 221482

Ion Ratio Lower Upper

91 100

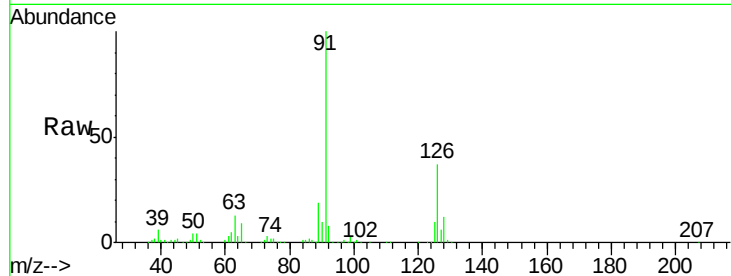
126 37.3 18.5 55.5

Manual Integrations

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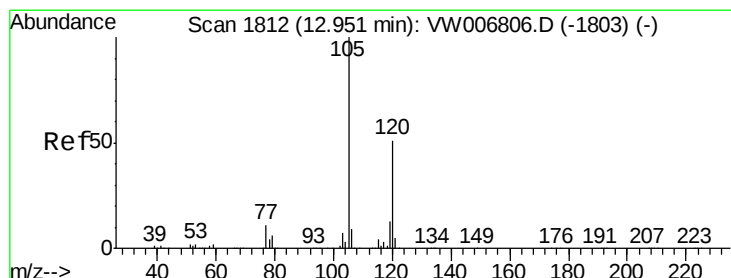
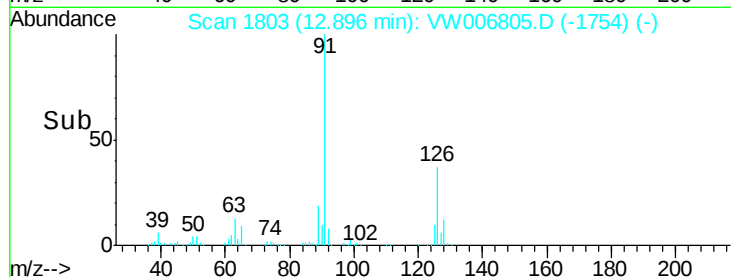
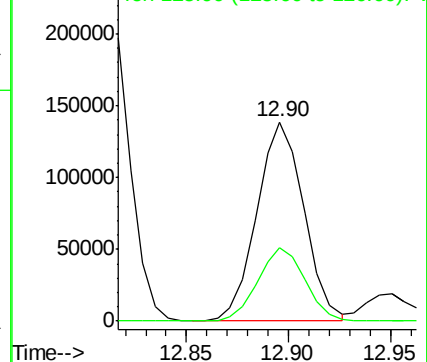
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.671 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006805.D

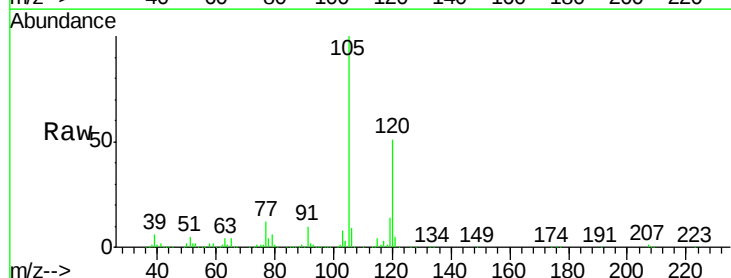
Acq: 12 Nov 2018 13:16

Tgt Ion: 105 Resp: 287936

Ion Ratio Lower Upper

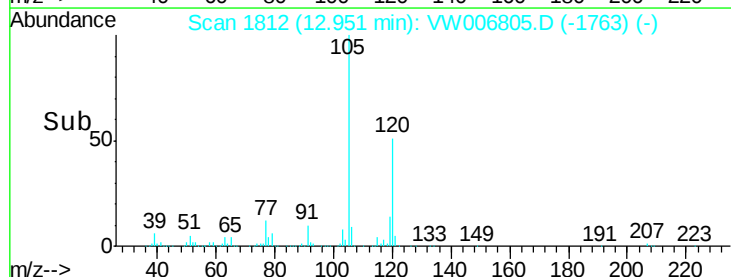
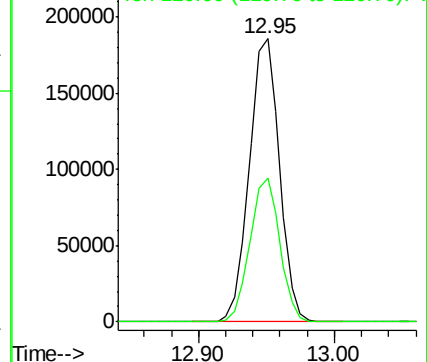
105 100

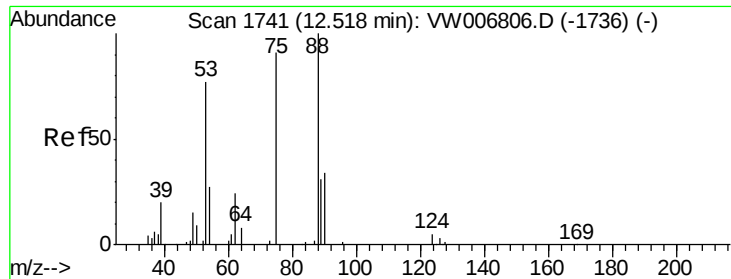
120 50.6 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





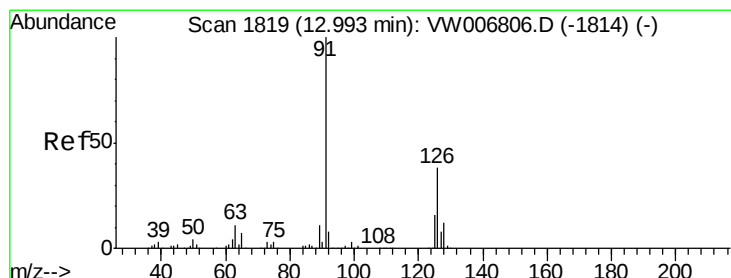
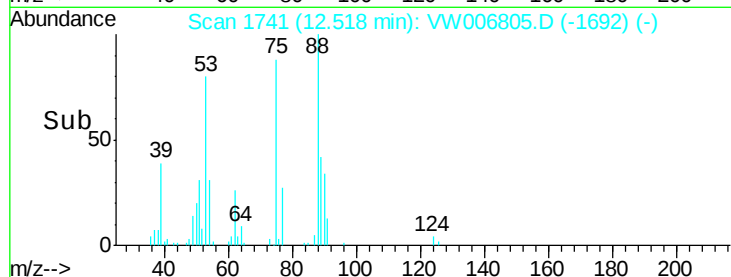
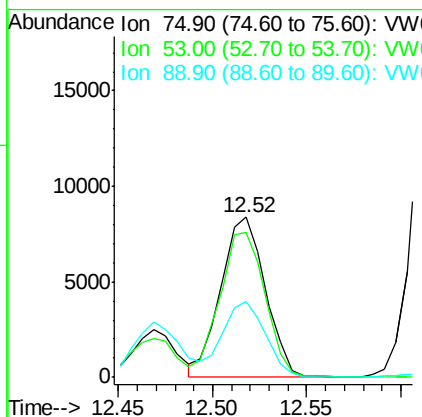
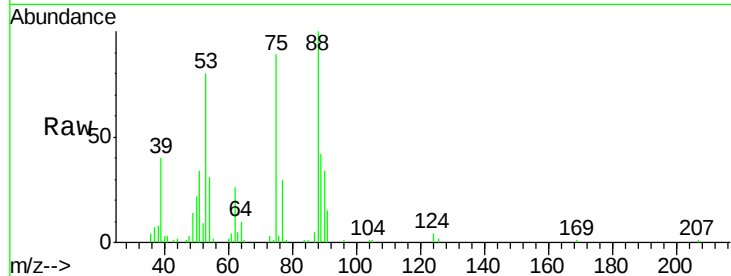
#81
trans-1,4-Dichloro-2-butene
Concen: 20.109 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
75	100		
53	92.0	72.9	109.3
89	45.4	38.7	58.1

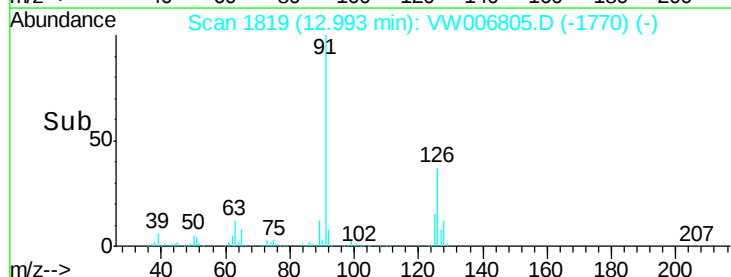
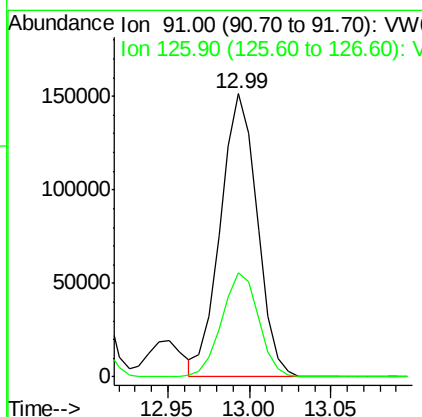
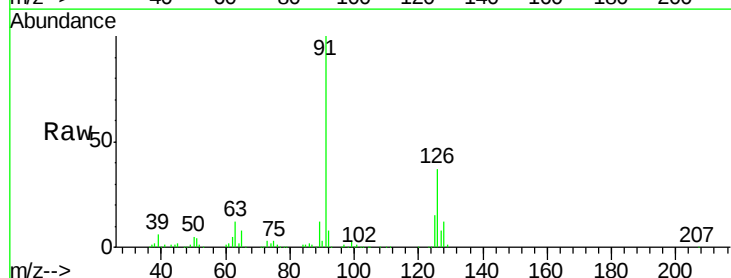
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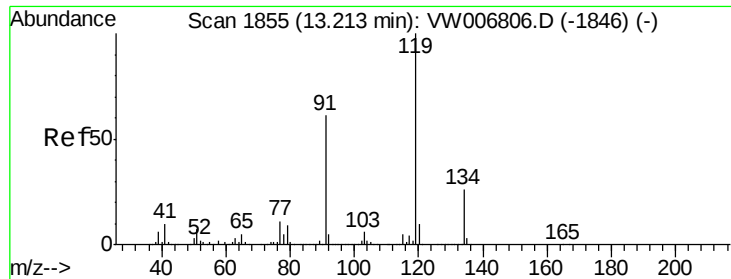
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#82
4-Chlorotoluene
Concen: 20.576 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Tgt Ion	Ratio	Lower	Upper
91	100		
126	37.0	18.4	55.2





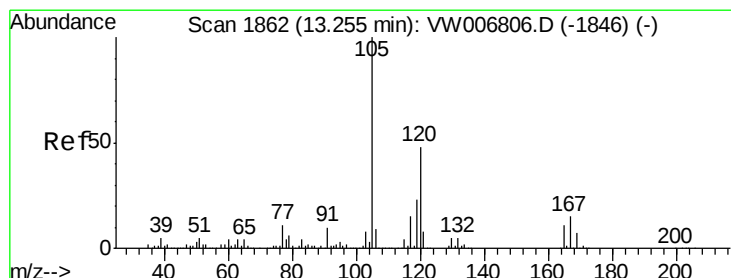
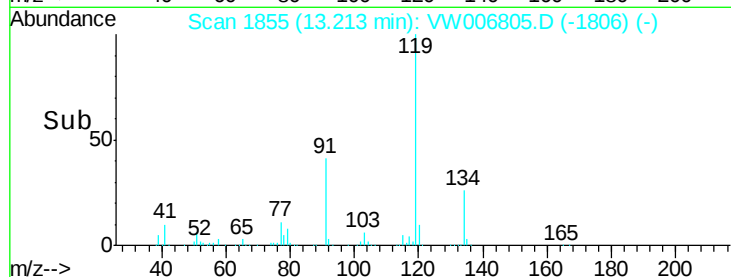
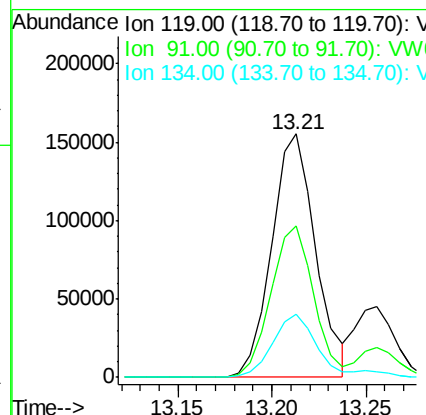
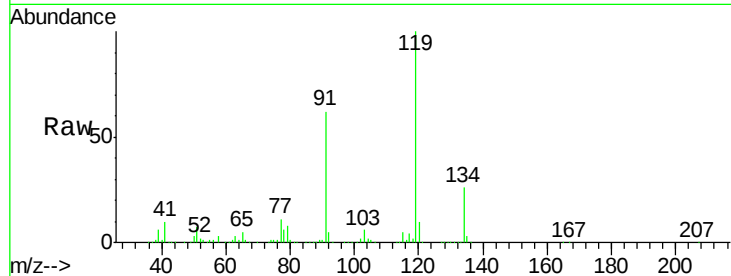
#83
 tert-Butylbenzene
 Concen: 20.826 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW006805.D
 Acq: 12 Nov 2018 13:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	250669		
91	60.5	30.0	90.1	
134	25.5	13.4	40.2	

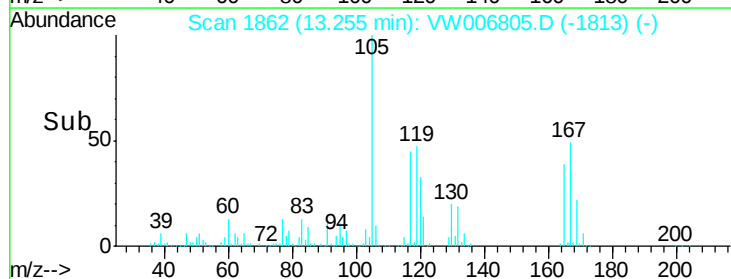
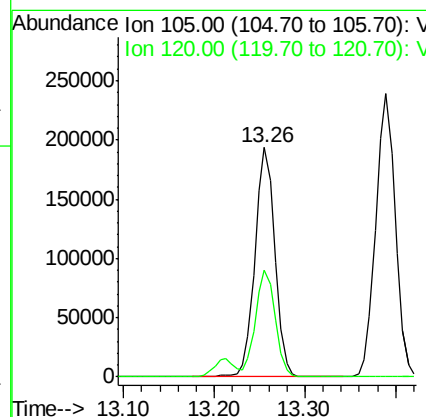
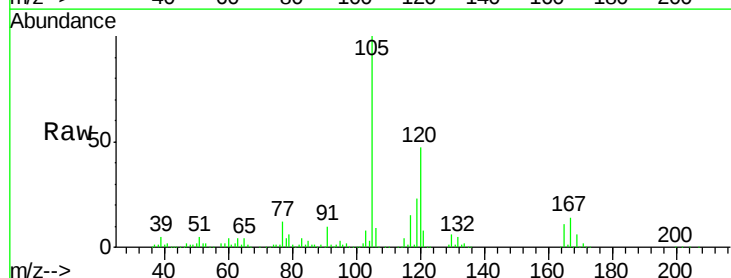
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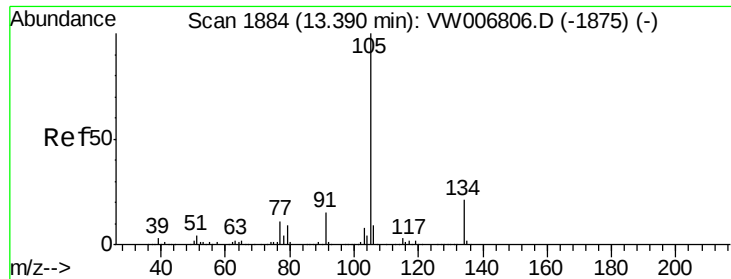
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.632 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW006805.D
 Acq: 12 Nov 2018 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	294458		
120	46.0	23.4	70.0	





#85

sec-Butylbenzene

Concen: 20.777 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tgt Ion:105 Resp: 357919

Ion Ratio Lower Upper

105 100

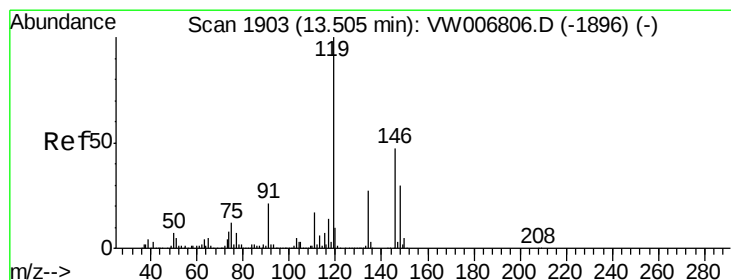
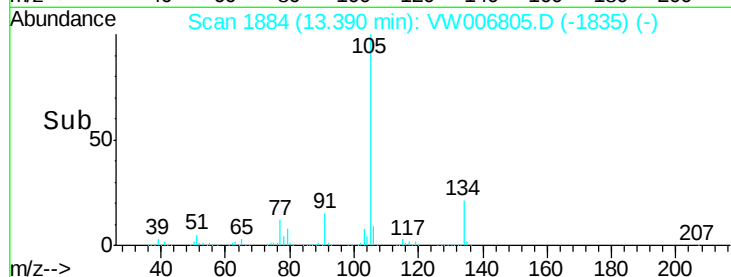
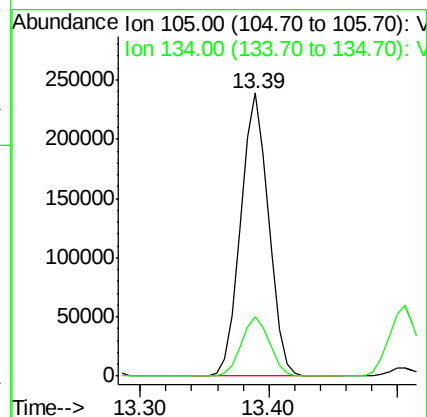
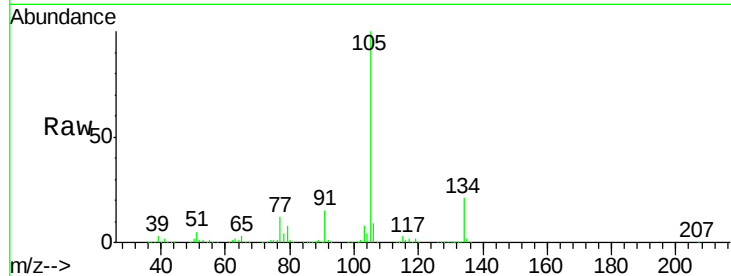
134 21.2 10.7 31.9

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 20.636 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006805.D

Acq: 12 Nov 2018 13:16

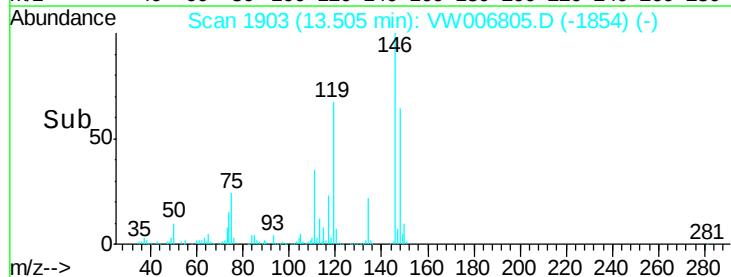
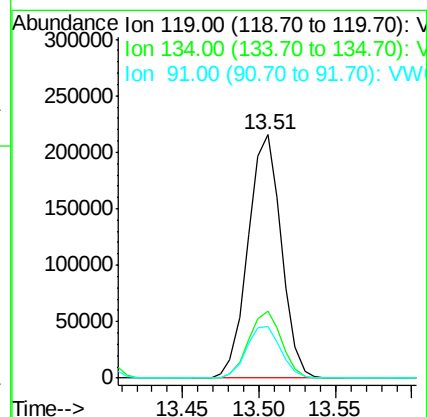
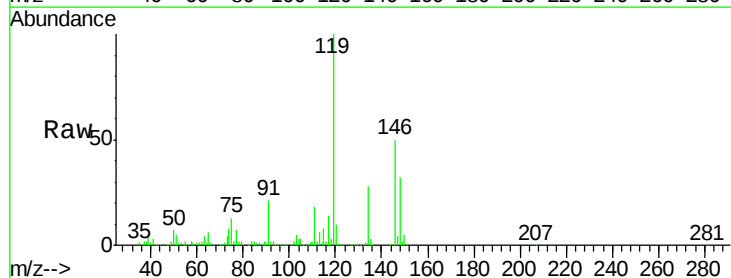
Tgt Ion:119 Resp: 324261

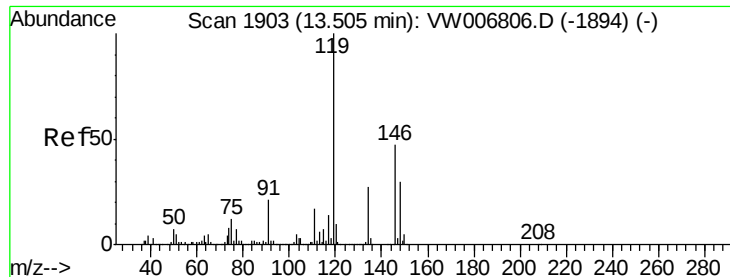
Ion Ratio Lower Upper

119 100

134 27.4 13.5 40.4

91 21.9 10.8 32.4





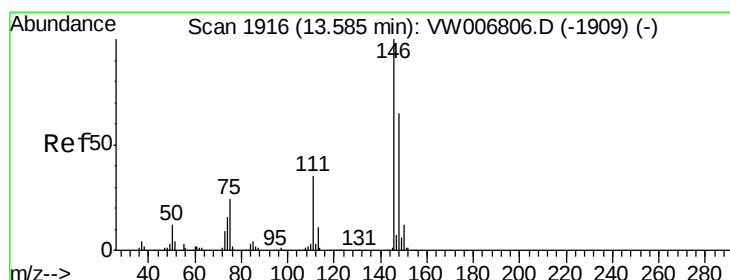
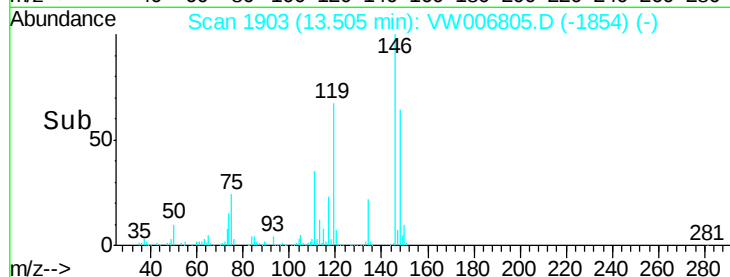
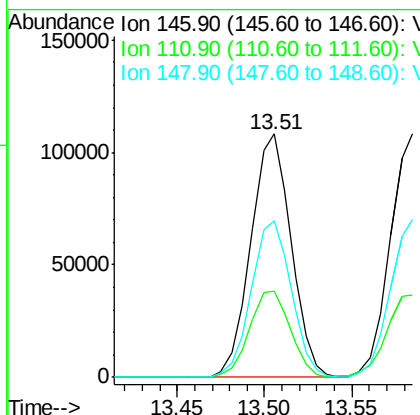
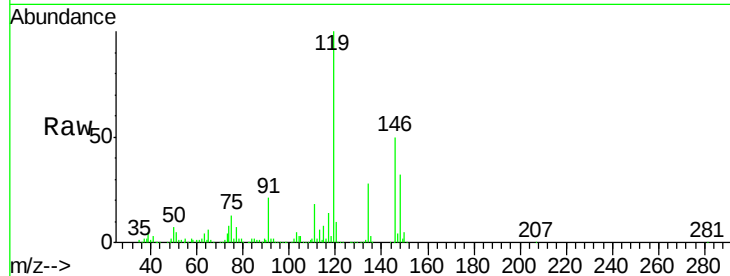
#87
 1,3-Dichlorobenzene
 Concen: 20.489 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006805.D
 Acq: 12 Nov 2018 13:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.3	54.9
148	63.9	31.9	95.9

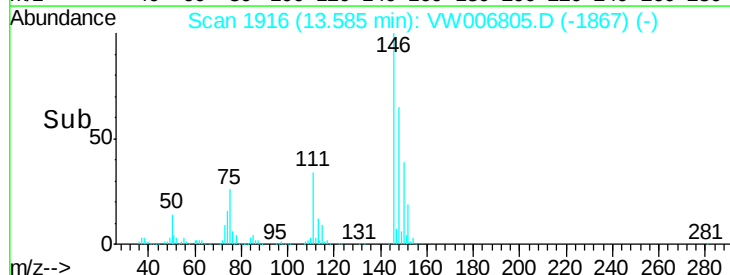
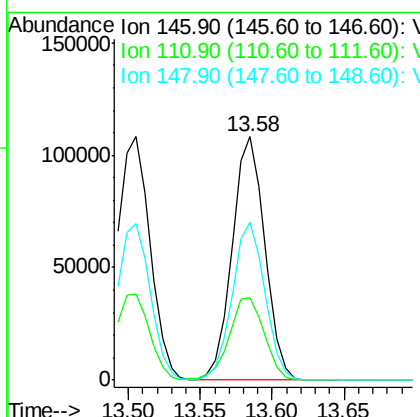
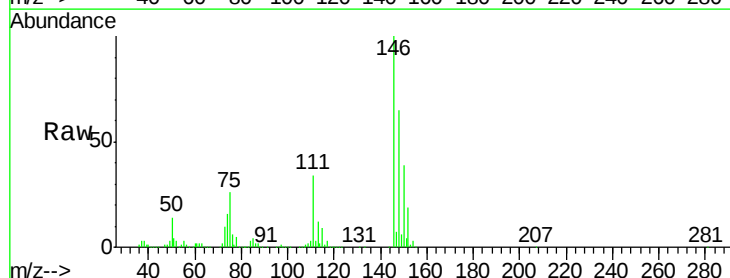
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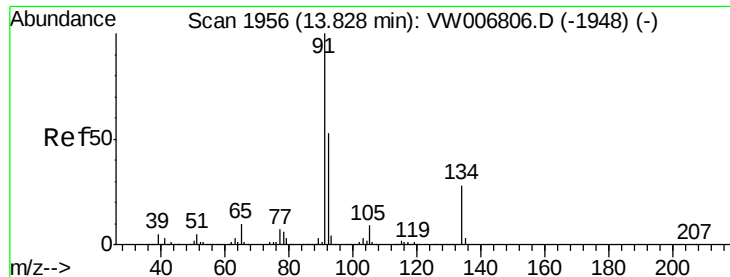
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#88
 1,4-Dichlorobenzene
 Concen: 20.377 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006805.D
 Acq: 12 Nov 2018 13:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	17.8	53.3
148	64.8	32.0	96.0





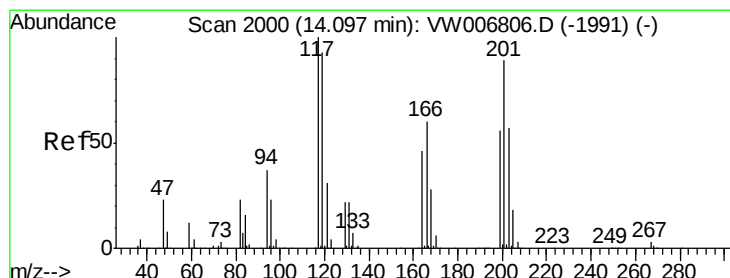
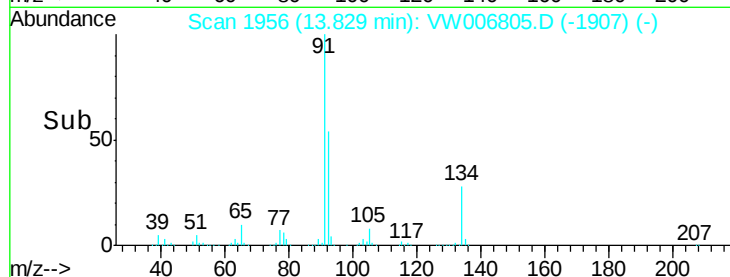
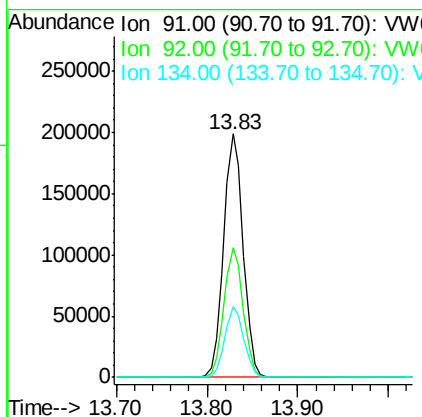
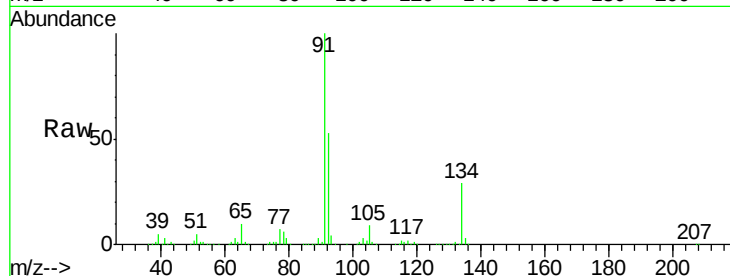
#89
n-Butylbenzene
Concen: 20.445 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.5	79.4
134	28.3	14.4	43.2

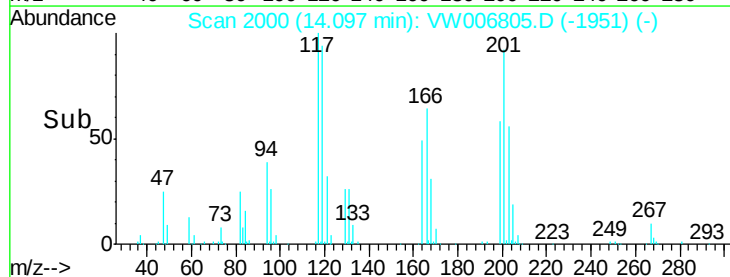
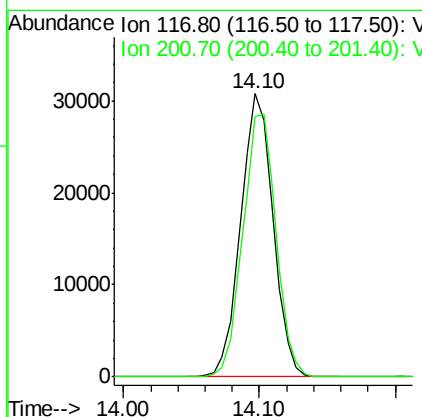
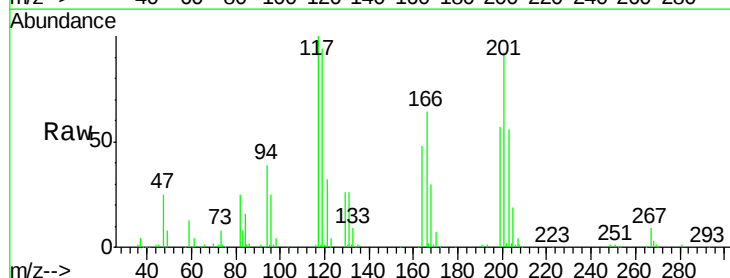
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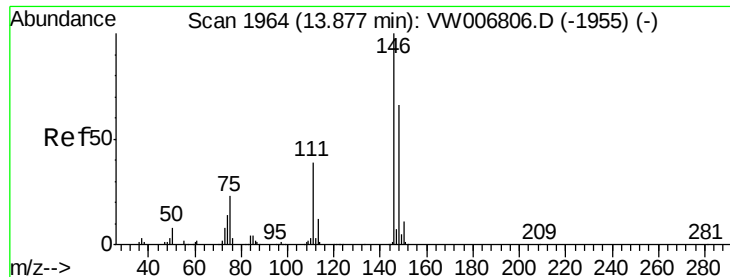
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#90
Hexachloroethane
Concen: 20.766 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Tgt Ion	Ratio	Lower	Upper
117	100		
201	94.9	46.9	140.6





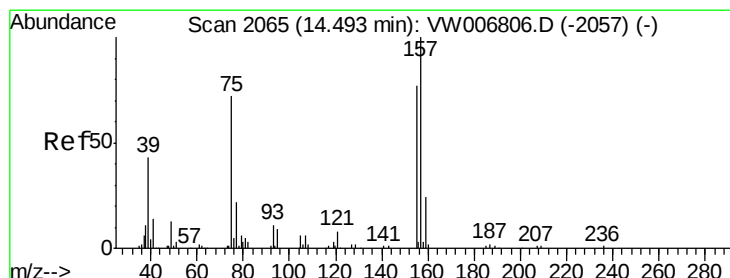
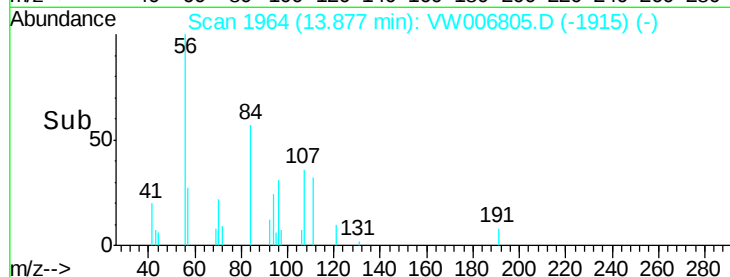
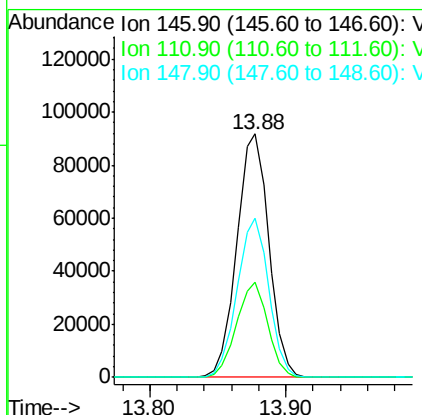
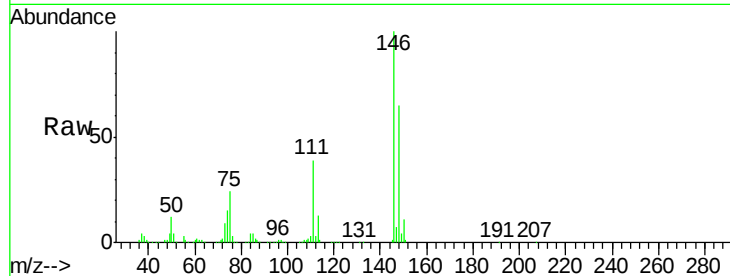
#91
 1,2-Dichlorobenzene
 Concen: 20.426 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006805.D
 Acq: 12 Nov 2018 13:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	150910		
111	38.2	19.3	57.8	
148	64.3	32.4	97.2	

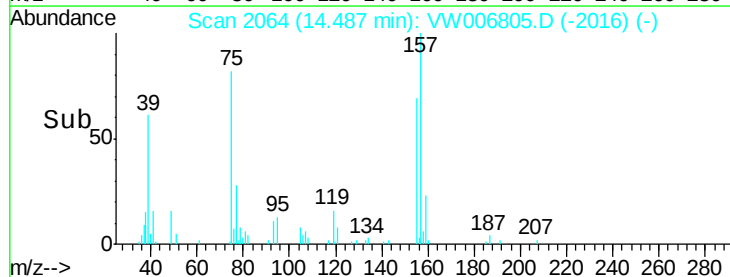
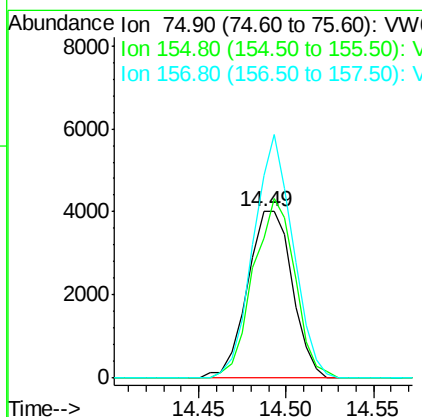
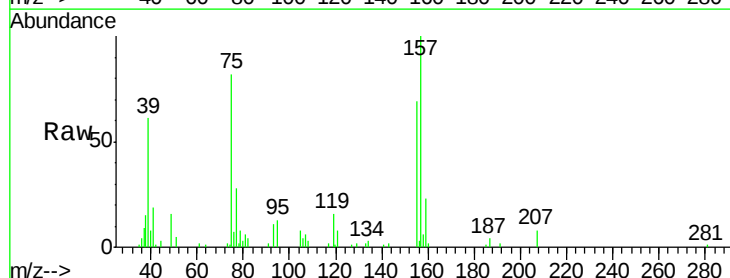
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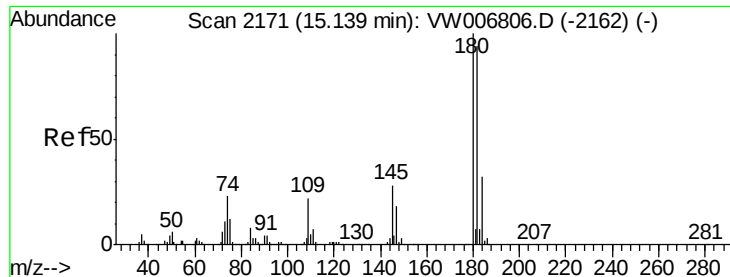
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.451 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW006805.D
 Acq: 12 Nov 2018 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	7136		
155	99.9	51.0	153.1	
157	128.8	67.4	202.2	





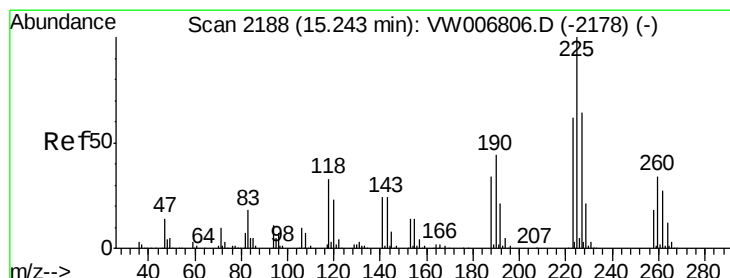
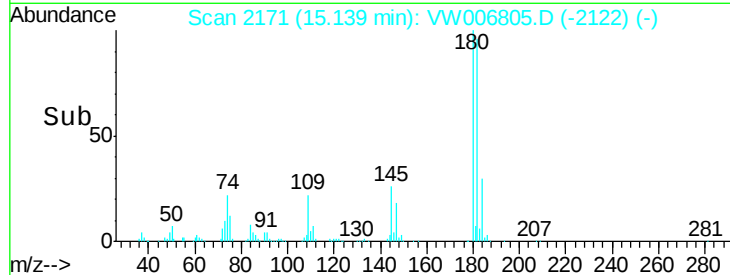
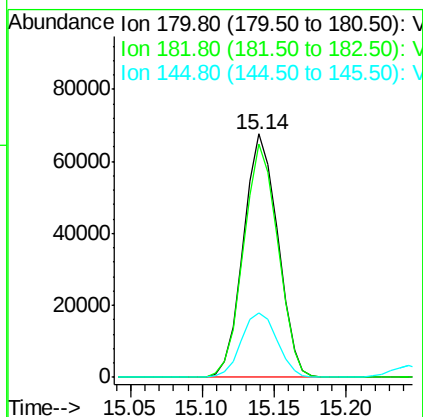
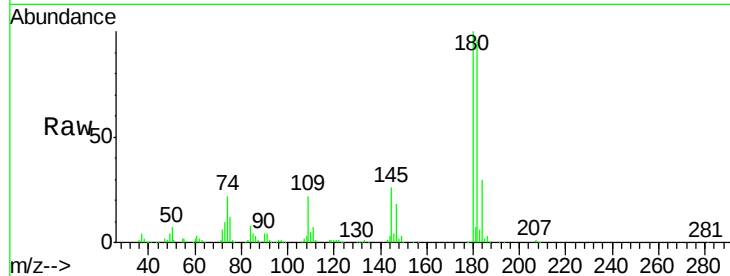
#93
 1,2,4-Trichlorobenzene
 Concen: 20.448 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006805.D
 Acq: 12 Nov 2018 13:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	111836		
182	95.4	47.5	142.5	
145	27.6	14.0	41.9	

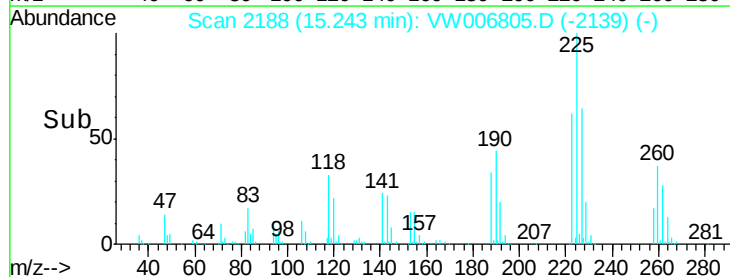
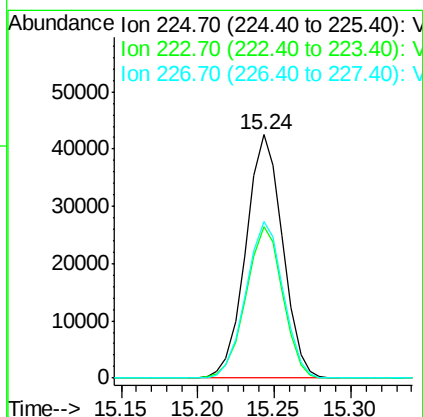
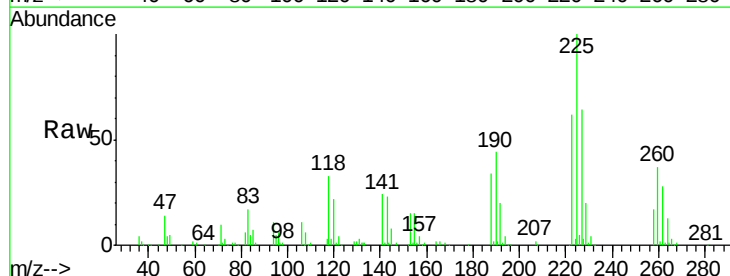
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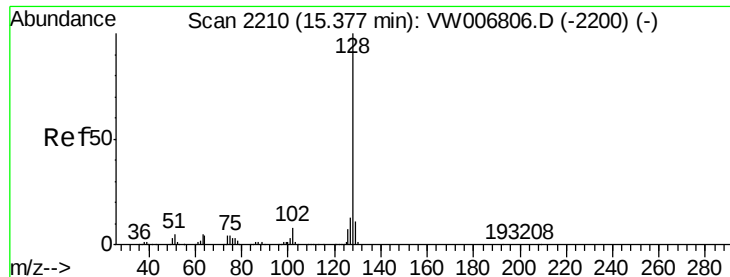
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#94
 Hexachlorobutadiene
 Concen: 20.618 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006805.D
 Acq: 12 Nov 2018 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	70969		
223	62.1	31.2	93.6	
227	65.3	32.3	96.9	





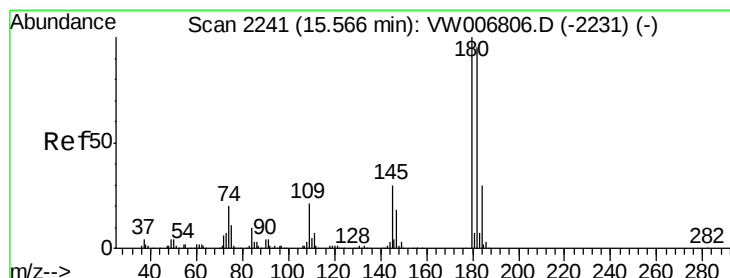
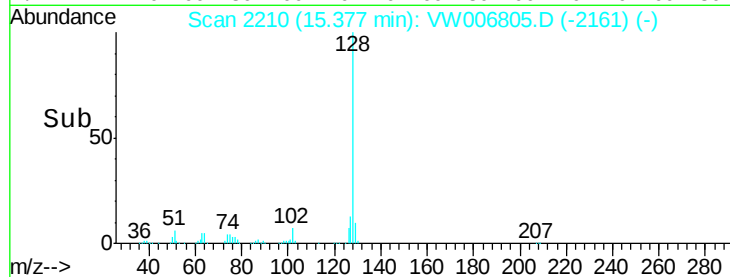
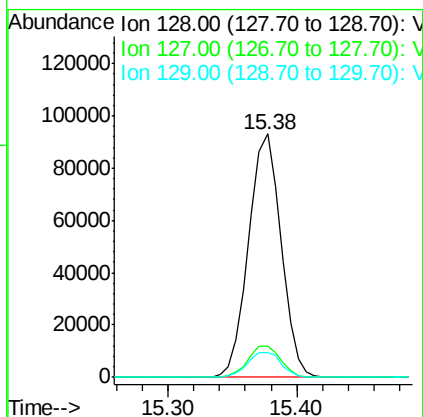
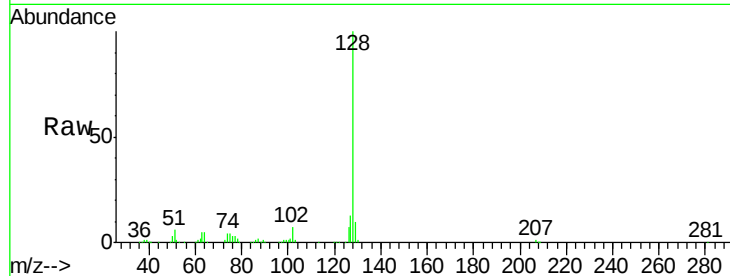
#95
Naphthalene
Concen: 19.391 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	162278		
127	13.3	10.3	15.5	
129	10.8	8.6	13.0	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.854 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006805.D
Acq: 12 Nov 2018 13:16

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	93931		
182	95.6	47.9	143.6	
145	29.6	15.2	45.5	

