

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004313.D
 Acq On : 29 Jul 2018 14:21
 Operator : SY/AP
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Manual Integrations
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 7/30/2018 10:32:42 AM

Quant Time: Jul 30 01:52:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 30 01:27:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	290137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	438339	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	394211	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	200964	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	434204	148.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	296.72%	
35) Dibromofluoromethane	7.88	113	409111	147.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	295.38%	
50) Toluene-d8	10.33	98	1647508	150.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	300.98%	
62) 4-Bromofluorobenzene	12.62	95	576989	149.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	299.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	169563	164.89	ug/l	99
3) Chloromethane	2.21	50	219342	134.78	ug/l	97
4) Vinyl Chloride	2.36	62	326607	116.62	ug/l	99
5) Bromomethane	2.76	94	229612	124.11	ug/l	98
6) Chloroethane	2.92	64	238606	135.72	ug/l	94
7) Trichlorofluoromethane	3.25	101	160140	95.57	ug/l	100
8) Diethyl Ether	3.67	74	165266	112.55	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.05	101	400223	137.74	ug/l	99
10) Methyl Iodide	4.26	142	637258	146.60	ug/l	99
11) Tert butyl alcohol	5.18	59	139987	651.96	ug/l	100
12) 1,1-Dichloroethene	4.03	96	413847	142.53	ug/l	98
13) Acrolein	3.89	56	133184	699.81	ug/l	96
14) Allyl chloride	4.66	41	710234	152.14	ug/l	99
15) Acrylonitrile	5.37	53	482601	731.92	ug/l	99
16) Acetone	4.12	43	448369	668.55	ug/l	100
17) Carbon Disulfide	4.37	76	1318078	146.82	ug/l	100
18) Methyl Acetate	4.67	43	244916	141.95	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	767190	148.39	ug/l	99
20) Methylene Chloride	4.91	84	407775	130.64	ug/l	99
21) trans-1,2-Dichloroethene	5.41	96	439589	141.96	ug/l	95
22) Diisopropyl ether	6.31	45	1328121	151.17	ug/l	98
23) Vinyl Acetate	6.26	43	4019741	788.66	ug/l	99
24) 1,1-Dichloroethane	6.21	63	789224	139.49	ug/l	99
25) 2-Butanone	7.17	43	629185	774.07	ug/l	98
26) 2,2-Dichloropropane	7.17	77	442706	134.87	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	475790	150.98	ug/l	98
28) Bromochloromethane	7.51	49	283614	143.03	ug/l	99
29) Tetrahydrofuran	7.53	42	414556	797.02	ug/l	99
30) Chloroform	7.68	83	773290	143.09	ug/l	99
31) Cyclohexane	7.95	56	740243	148.16	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	625926	141.02	ug/l	99
36) 1,1-Dichloropropene	8.08	75	642086	146.42	ug/l	99
37) Ethyl Acetate	7.26	43	273411	152.15	ug/l	99
38) Carbon Tetrachloride	8.07	117	617018	142.50	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	811589	153.59	ug/l	96
40) Benzene	8.32	78	1811575	146.85	ug/l	99
41) Methacrylonitrile	7.49	41	179335	172.84	ug/l	99
42) 1,2-Dichloroethane	8.40	62	505994	143.47	ug/l	100
43) Isopropyl Acetate	8.43	43	539817	166.68	ug/l	99
44) Trichloroethene	9.09	130	473363	142.13	ug/l	100
45) 1,2-Dichloropropane	9.37	63	456490	149.12	ug/l	99
46) Dibromomethane	9.46	93	227017	145.23	ug/l	99
47) Bromodichloromethane	9.65	83	579068	146.06	ug/l	99
48) Methyl methacrylate	9.44	41	270295	163.87	ug/l	97
49) 1,4-Dioxane	9.45	88	68916	2908.34	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	1408642	792.52	ug/l	99
52) Toluene	10.39	92	1129869	145.88	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	614031	154.63	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	709550	153.27	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	321088	144.17	ug/l	96
56) Ethyl methacrylate	10.65	69	437286	162.25	ug/l	98
57) 1,3-Dichloropropane	10.94	76	556651	146.71	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	991650	828.30	ug/l	99
59) 2-Hexanone	10.98	43	955630	783.02	ug/l	98
60) Dibromochloromethane	11.13	129	387341	145.35	ug/l	98
61) 1,2-Dibromoethane	11.24	107	304845	143.54	ug/l	97
64) Tetrachloroethene	10.87	164	393119	136.12	ug/l	95
65) Chlorobenzene	11.66	112	1192503	144.03	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	422676	144.75	ug/l	99
67) Ethyl Benzene	11.74	91	2154793	149.31	ug/l	99
68) m/p-Xylenes	11.85	106	1647364	296.63	ug/l	99
69) o-Xylene	12.17	106	783174	152.63	ug/l	96
70) Styrene	12.19	104	1315136	151.70	ug/l	98
71) Bromoform	12.35	173	239154	146.14	ug/l #	99
73) Isopropylbenzene	12.47	105	2155342	154.67	ug/l	100
74) N-amyl acetate	12.28	43	501158	165.97	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	366886	150.30	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	257901m	84.20	ug/l	
77) Bromobenzene	12.76	156	497855	147.87	ug/l	98
78) n-propylbenzene	12.81	91	2577636	151.84	ug/l	100
79) 2-Chlorotoluene	12.90	91	1444576	148.78	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1809913	150.77	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	124644	158.13	ug/l	98
82) 4-Chlorotoluene	12.99	91	1501022	146.09	ug/l	99
83) tert-Butylbenzene	13.21	119	1484606	148.45	ug/l	95
84) 1,2,4-Trimethylbenzene	13.26	105	1855792	151.58	ug/l	98
85) sec-Butylbenzene	13.39	105	2218082	151.84	ug/l	98
86) p-Isopropyltoluene	13.51	119	1913394	145.84	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	945319	140.27	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	939190	139.68	ug/l	99
89) n-Butylbenzene	13.83	91	1842378	150.38	ug/l	99
90) Hexachloroethane	14.10	117	345561	147.67	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	843792	139.88	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	62760	147.29	ug/l	96

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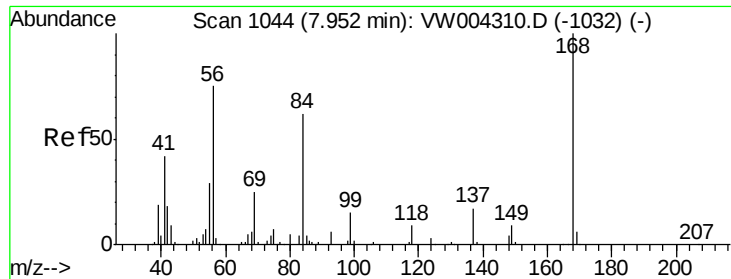
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QLast Update : Mon Jul 30 01:27:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	617320	145.75	ug/l	100
94) Hexachlorobutadiene	15.25	225	350777	135.55	ug/l	99
95) Naphthalene	15.38	128	1143859	156.97	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	527611	142.35	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004313.D

Acq: 29 Jul 2018 14:21

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

Tot Ion:168 Resp: 290137

Ion Ratio Lower Upper

168 100

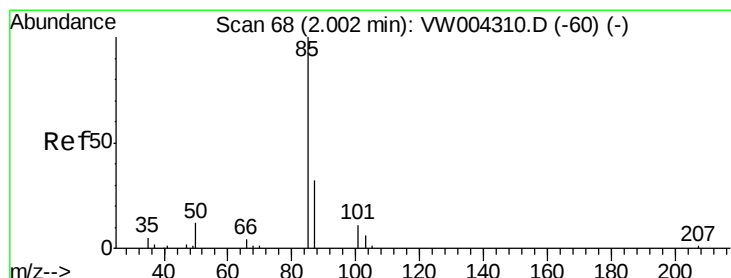
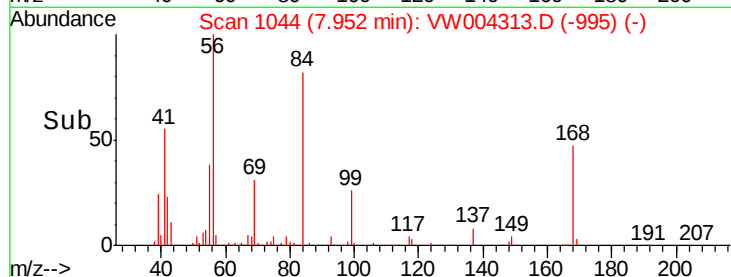
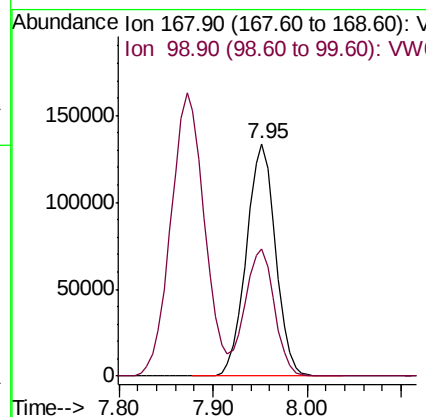
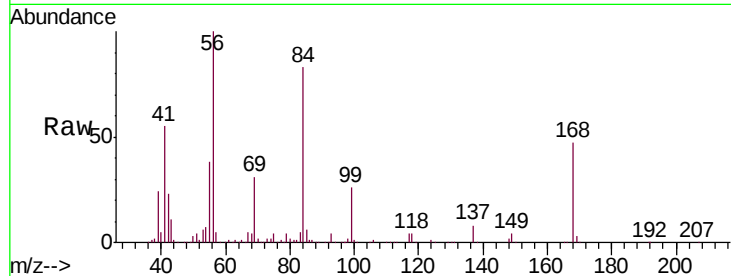
99 55.0 45.0 67.4

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#2

Dichlorodifluoromethane

Concen: 164.89 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW004313.D

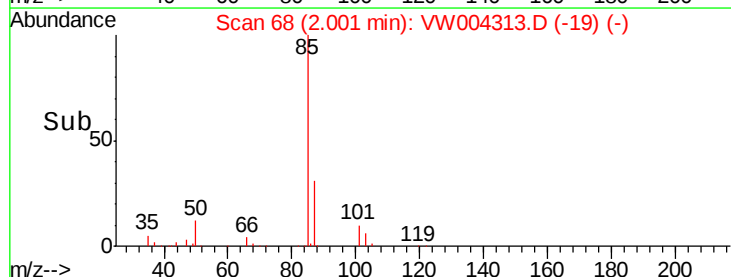
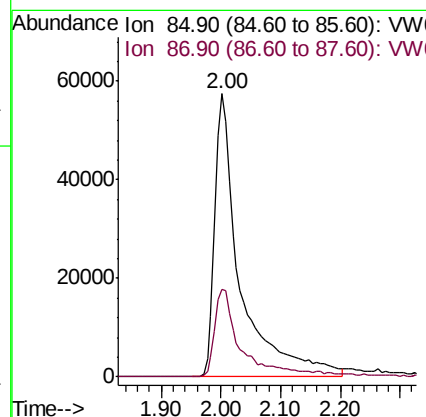
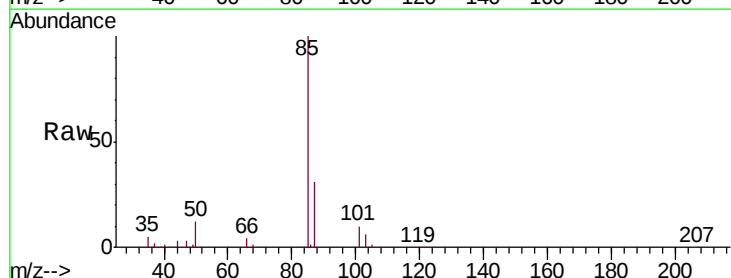
Acq: 29 Jul 2018 14:21

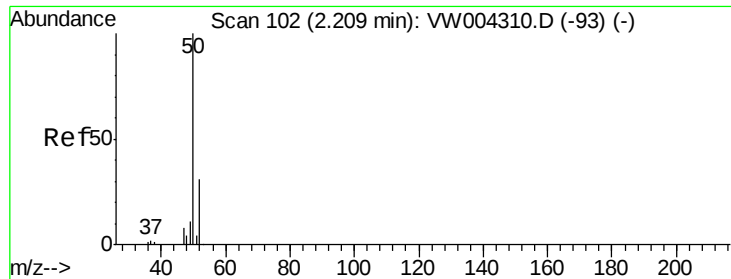
Tgt Ion: 85 Resp: 169563

Ion Ratio Lower Upper

85 100

87 31.0 15.9 47.7





#3

Chloromethane

Concen: 134.78 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.00 min

Lab File: VW004313.D

Acq: 29 Jul 2018 14:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 219342

Ion Ratio Lower Upper

50 100

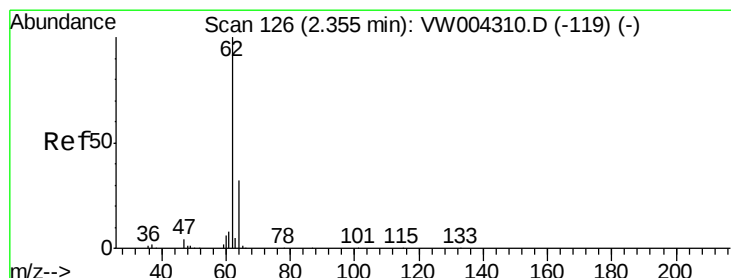
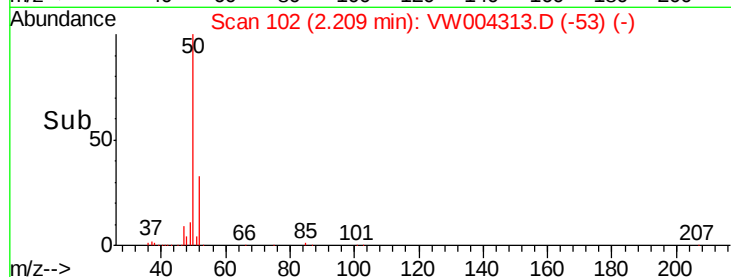
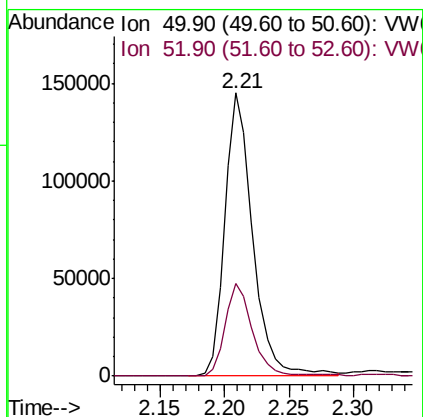
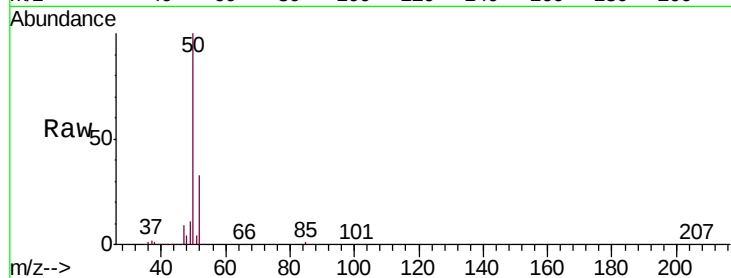
52 32.9 24.8 37.2

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#4

Vinyl Chloride

Concen: 116.62 ug/l

RT: 2.36 min Scan# 127

Delta R.T. 0.01 min

Lab File: VW004313.D

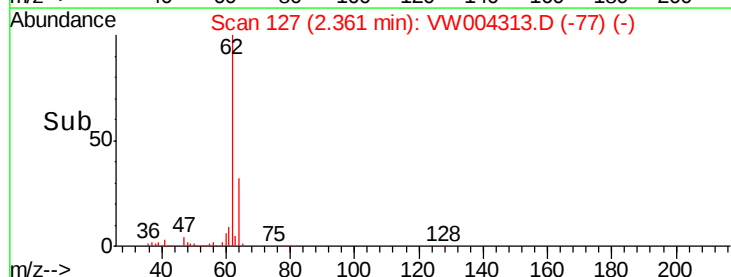
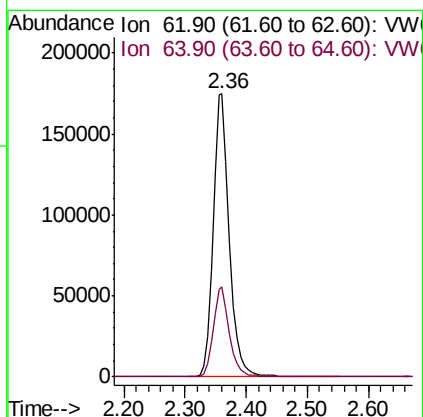
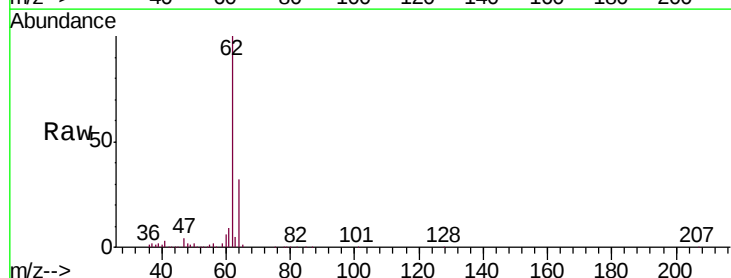
Acq: 29 Jul 2018 14:21

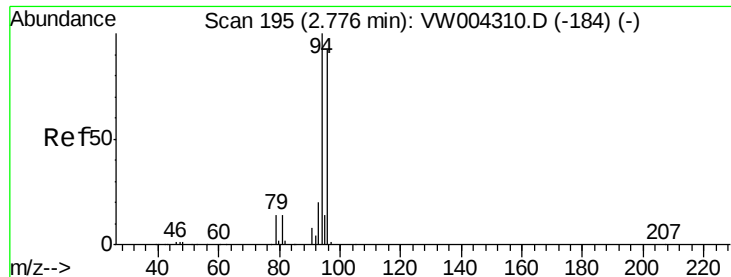
Tgt Ion: 62 Resp: 326607

Ion Ratio Lower Upper

62 100

64 31.8 25.9 38.9





#5

Bromomethane

Concen: 124.11 ug/l

RT: 2.76 min Scan# 193

Delta R.T. -0.01 min

Lab File: VW004313.D

Acq: 29 Jul 2018 14:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 229612

Ion Ratio Lower Upper

94 100

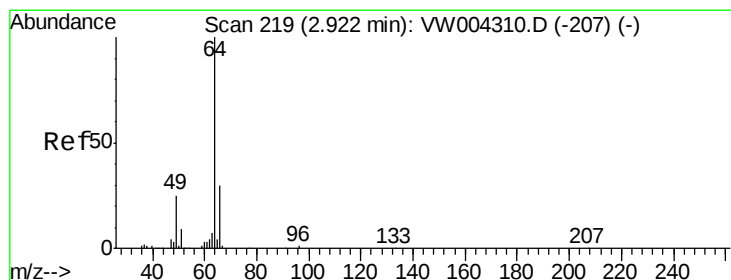
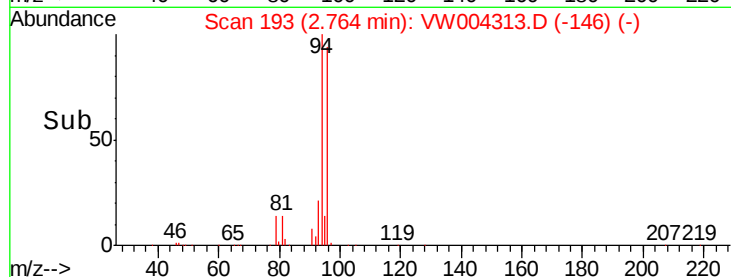
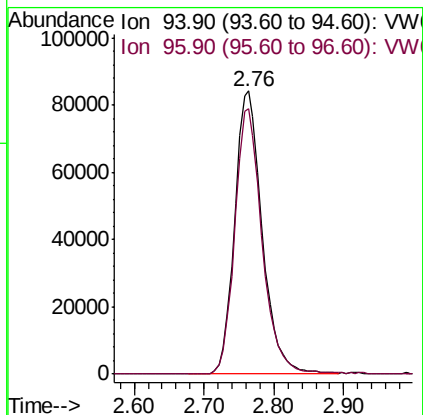
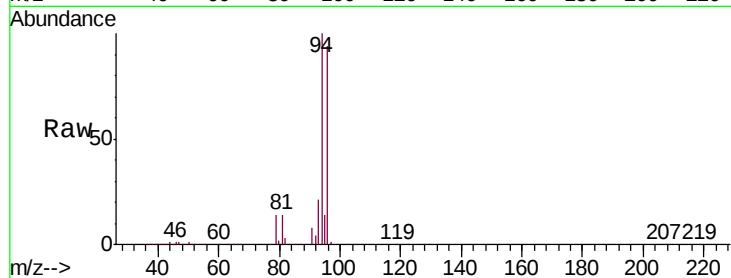
96 93.7 73.3 109.9

Manual Integrations

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#6

Chloroethane

Concen: 135.72 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW004313.D

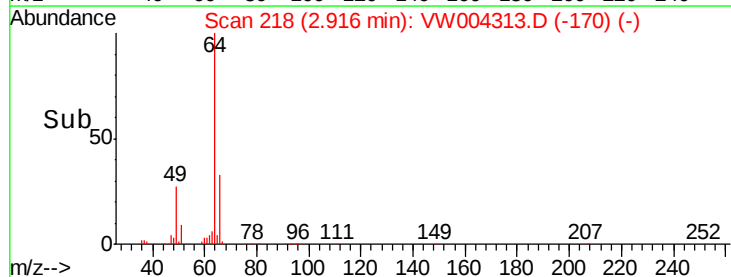
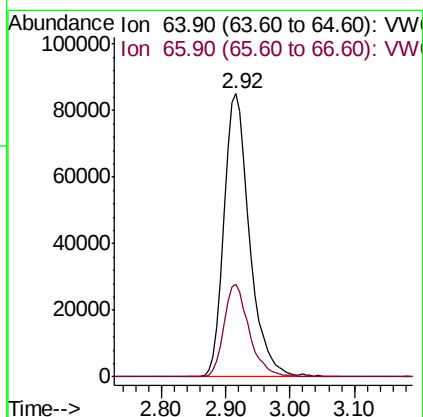
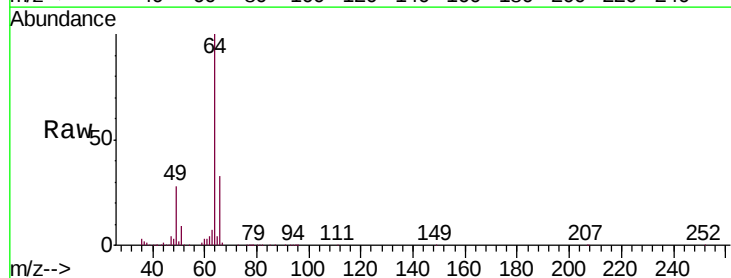
Acq: 29 Jul 2018 14:21

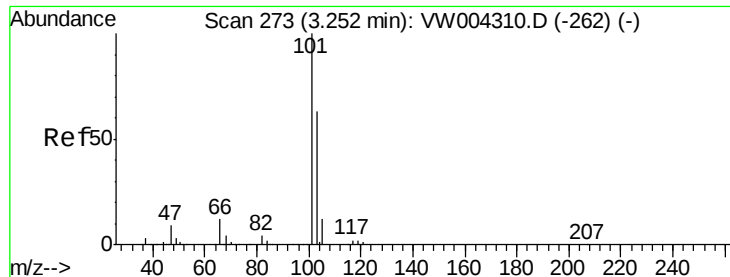
Tgt Ion: 64 Resp: 238606

Ion Ratio Lower Upper

64 100

66 32.6 23.7 35.5





#7

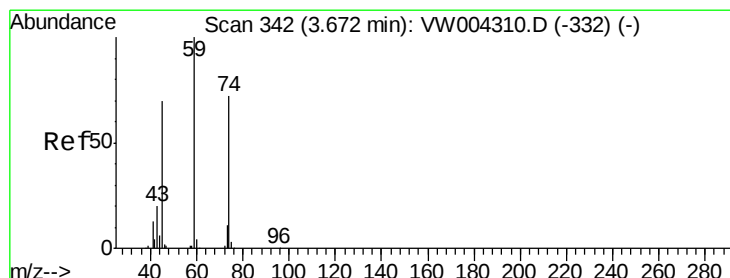
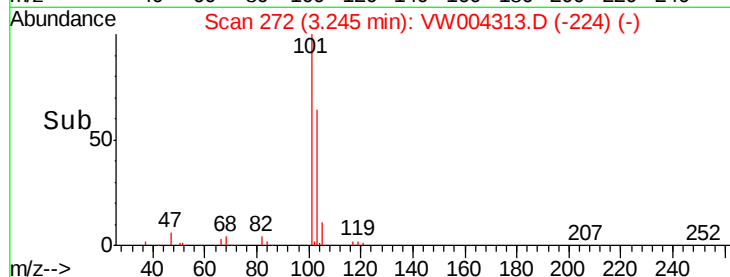
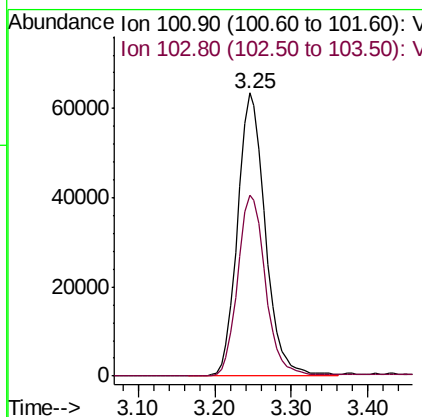
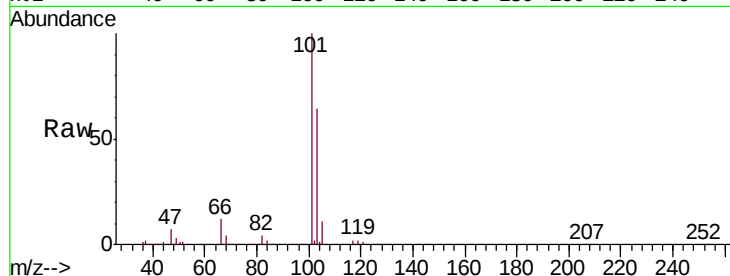
Trichlorofluoromethane
 Concen: 95.57 ug/l
 RT: 3.25 min Scan# 272
 Delta R.T. -0.01 min
 Lab File: VW004313.D
 Acq: 29 Jul 2018 14:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	50.8	76.2

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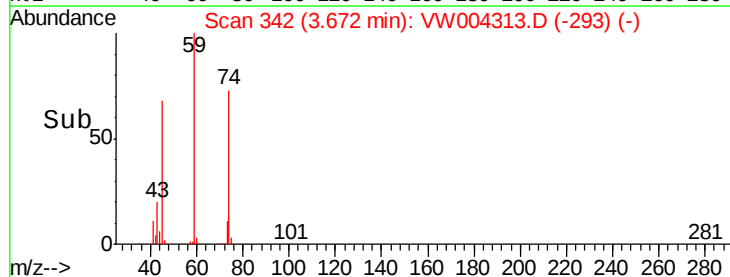
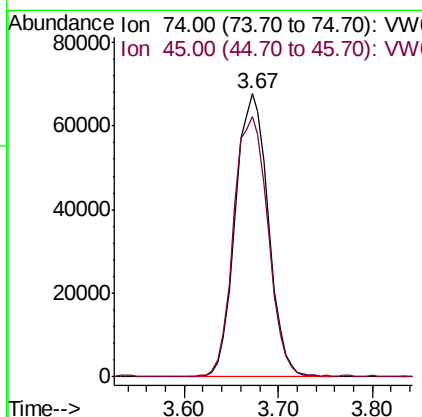
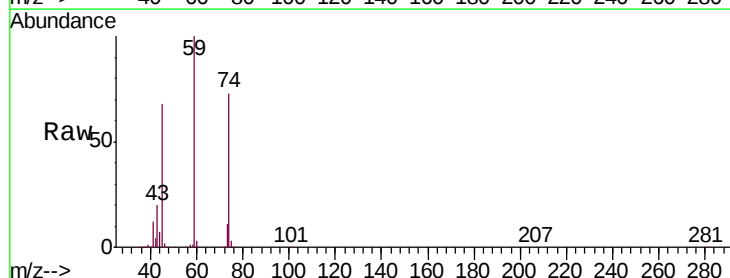
apatel
 7/30/2018 10:32:42 AM

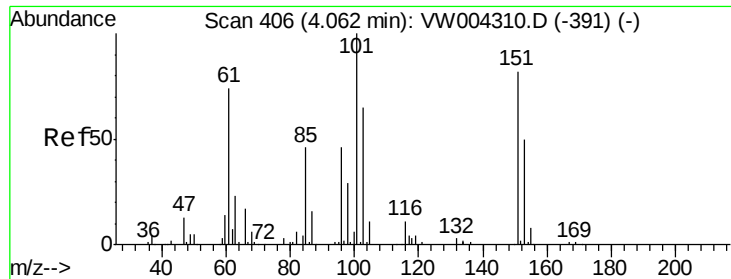


#8

Diethyl Ether
 Concen: 112.55 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VW004313.D
 Acq: 29 Jul 2018 14:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.6	49.4	148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 137.74 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW004313.D

Acq: 29 Jul 2018 14:21

Instrument :

MSVOA_W

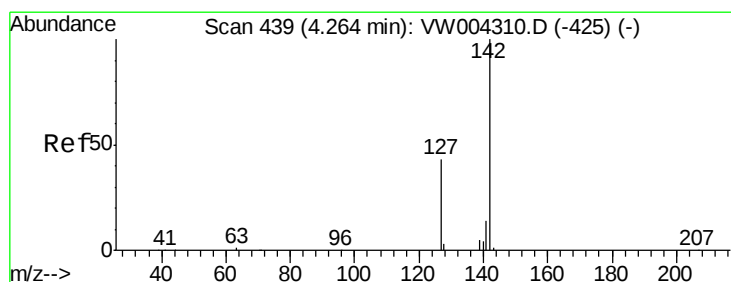
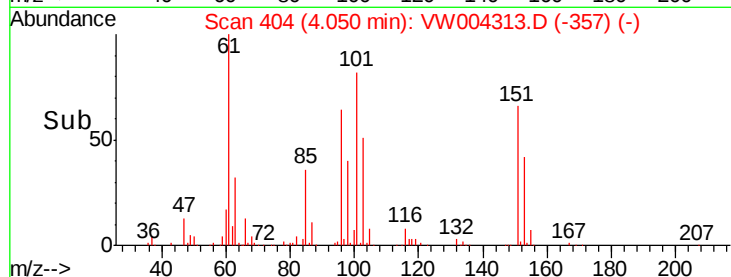
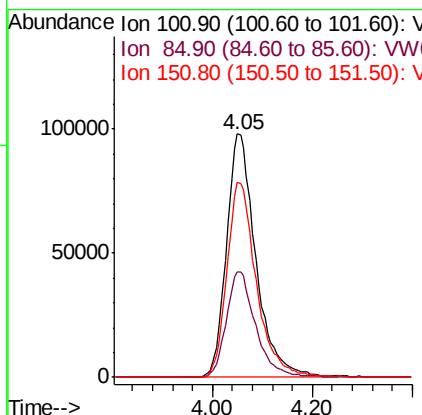
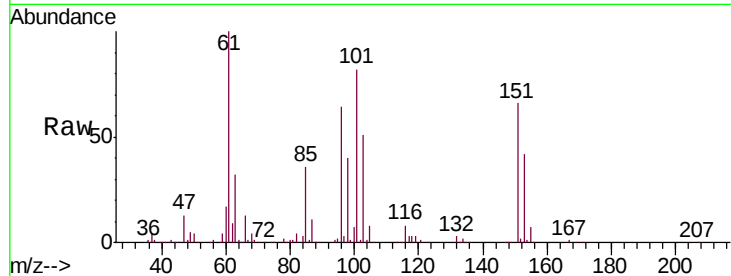
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	400223
Ion Ratio	Lower	Upper	
101	100		
85	43.5	35.5	53.3
151	80.9	64.6	97.0

Manual Integrations
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#10

Methyl Iodide

Concen: 146.60 ug/l

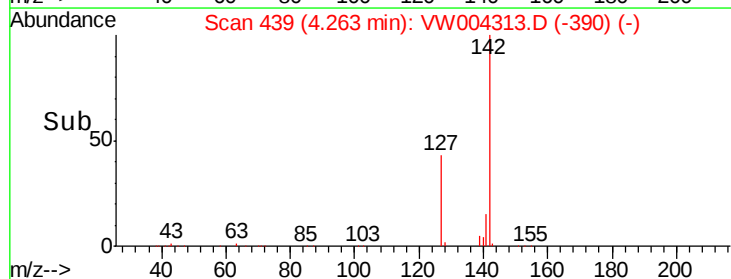
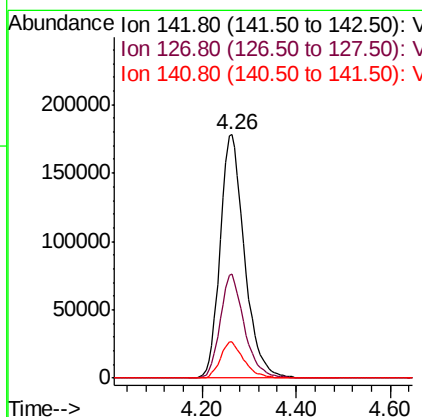
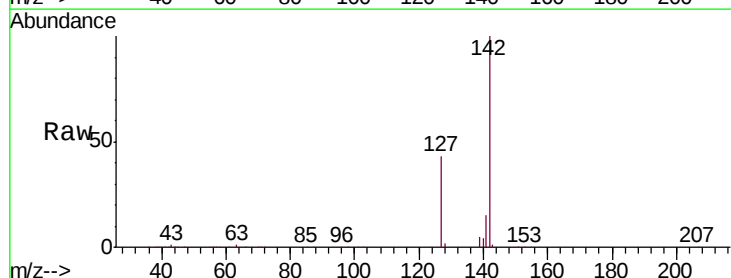
RT: 4.26 min Scan# 439

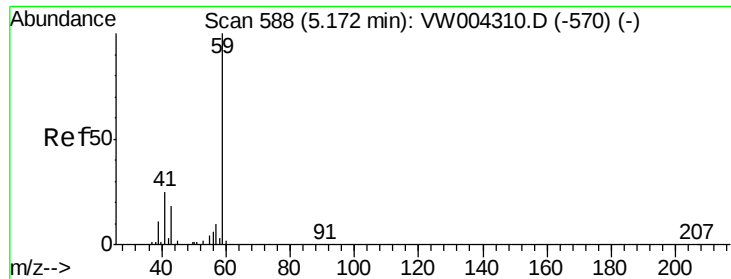
Delta R.T. -0.00 min

Lab File: VW004313.D

Acq: 29 Jul 2018 14:21

Tgt Ion:	142	Resp:	637258
Ion Ratio	Lower	Upper	
142	100		
127	42.4	34.6	52.0
141	14.4	11.5	17.3





#11

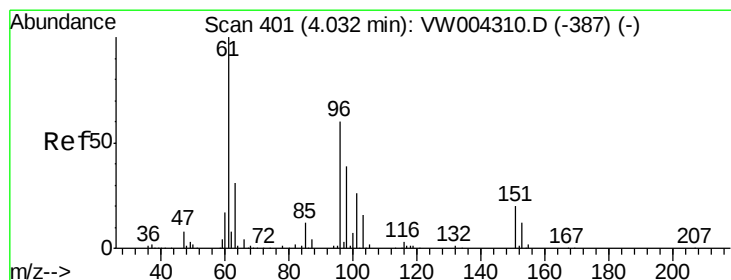
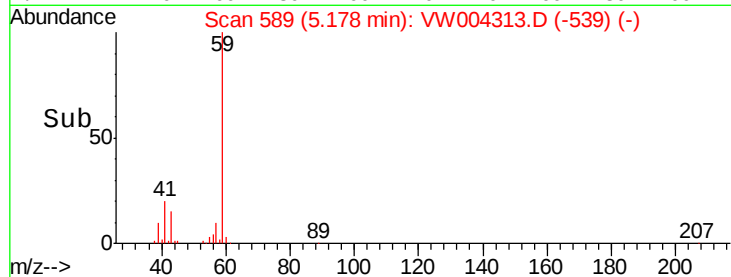
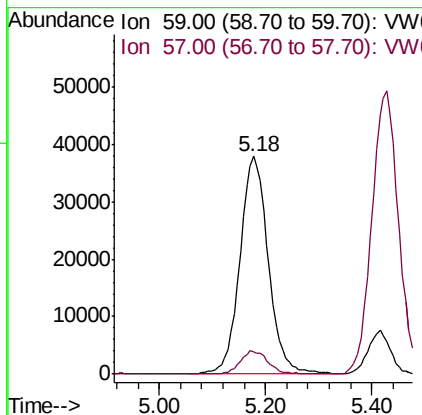
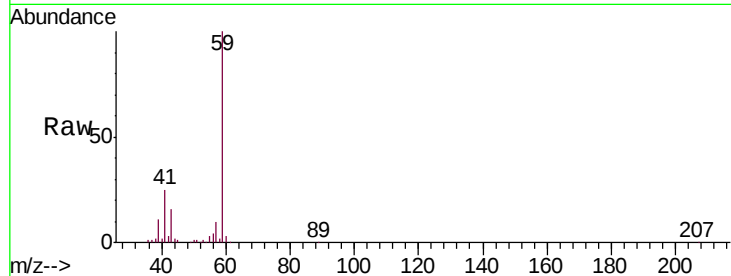
Tert butyl alcohol
 Concen: 651.96 ug/l
 RT: 5.18 min Scan# 589
 Delta R.T. 0.01 min
 Lab File: VW004313.D
 Acq: 29 Jul 2018 14:21

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC150

Tot Ion	59	Resp	139987
Ion Ratio	100	Lower	Upper
57	10.4	8.4	12.6

Manual Integrations
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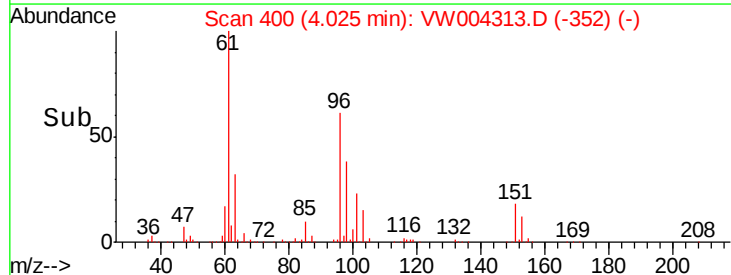
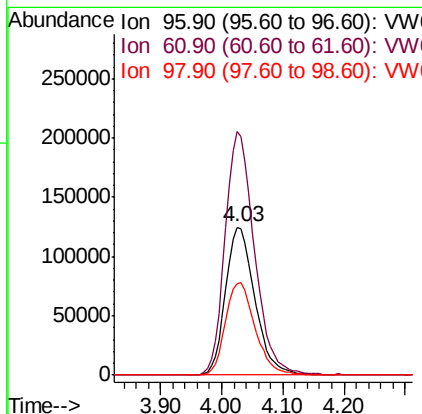
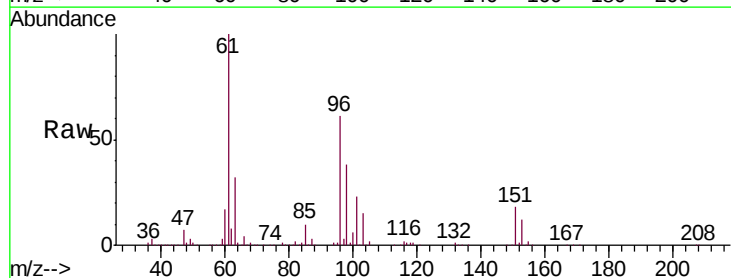
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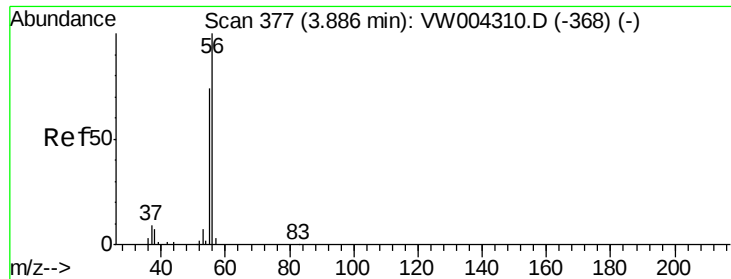


#12

1,1-Dichloroethene
 Concen: 142.53 ug/l
 RT: 4.03 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: VW004313.D
 Acq: 29 Jul 2018 14:21

Tgt Ion	96	Resp	413847
Ion Ratio	100	Lower	Upper
61	164.7	133.4	200.0
98	62.1	51.9	77.9





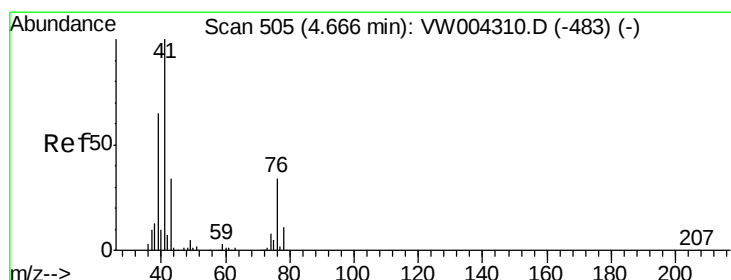
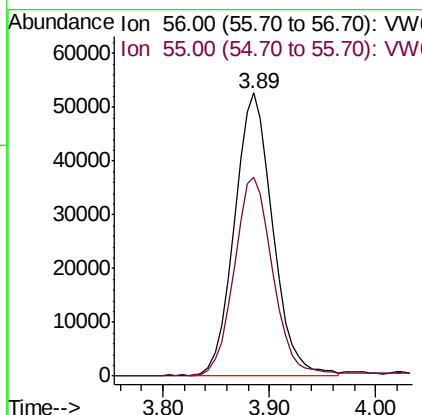
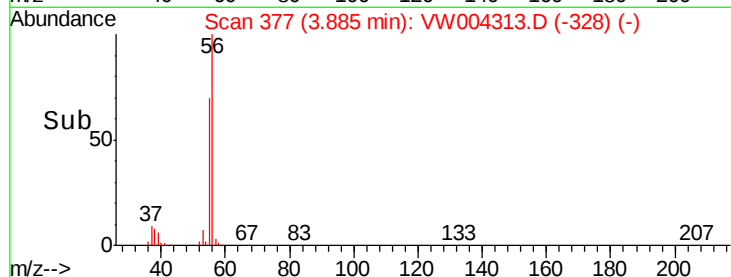
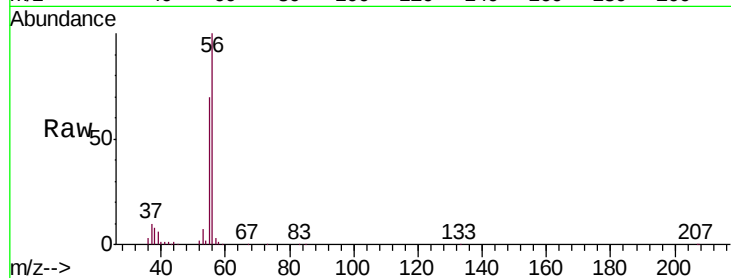
#13
Acrolein
Concen: 699.81 ug/l
RT: 3.89 min Scan# 377
Delta R.T. -0.00 min
Lab File: VW004313.D
Acq: 29 Jul 2018 14:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.9	59.4	89.2

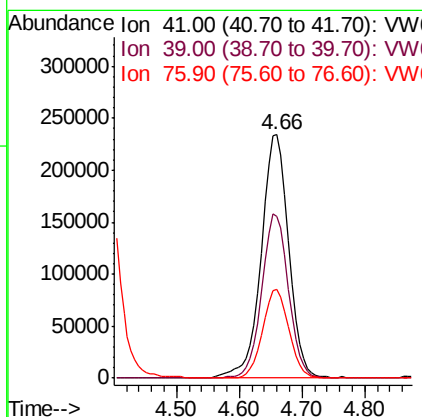
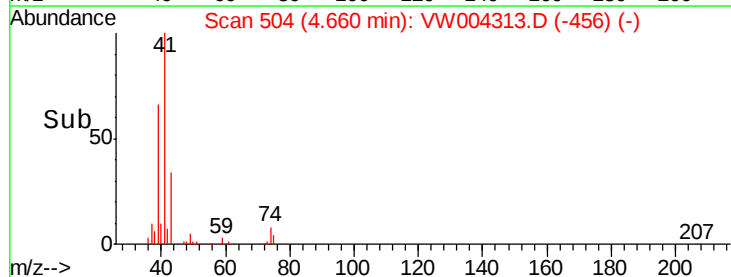
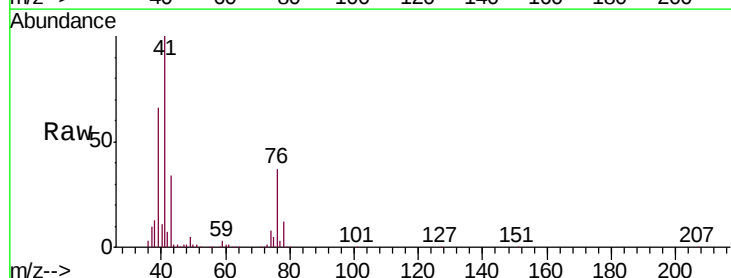
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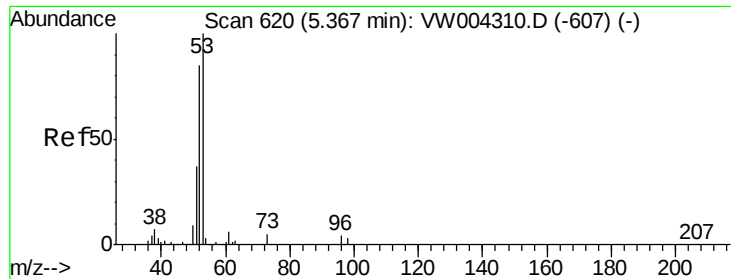
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#14
Allyl chloride
Concen: 152.14 ug/l
RT: 4.66 min Scan# 504
Delta R.T. -0.01 min
Lab File: VW004313.D
Acq: 29 Jul 2018 14:21

Tgt Ion	Ratio	Lower	Upper
41	100		
39	65.7	52.3	78.5
76	34.8	27.3	40.9





#15

Acrylonitrile

Concen: 731.92 ug/l

RT: 5.37 min Scan# 620

Delta R.T. -0.00 min

Lab File: VW004313.D

Acq: 29 Jul 2018 14:21

Instrument :

MSVOA_W

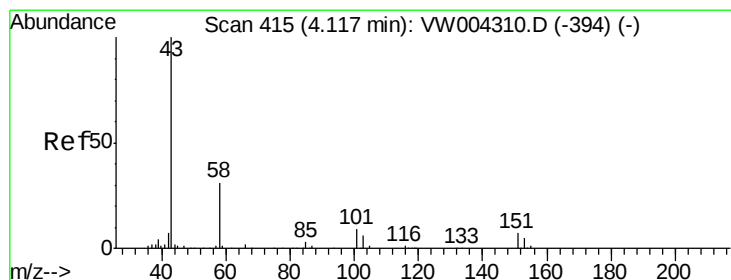
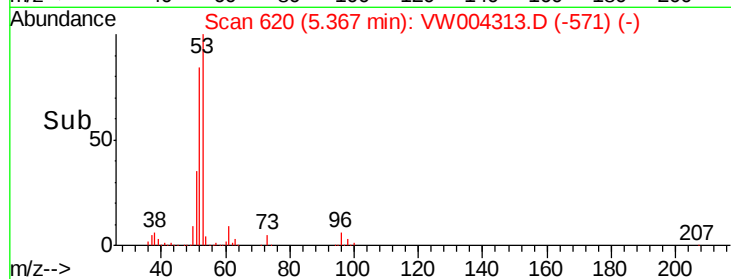
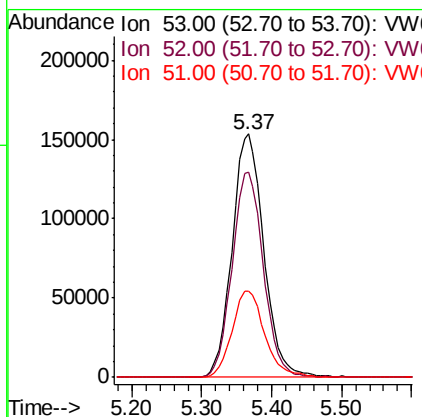
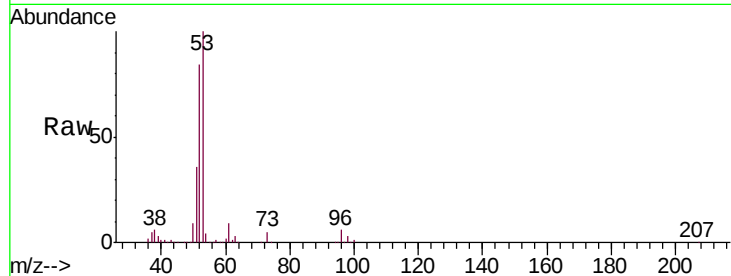
ClientSampleId :

VSTDIC150

Tot Ion:	53	Resp:	482601
Ion Ratio	Lower	Upper	
53	100		
52	83.3	65.7	98.5
51	36.7	29.2	43.8

Manual Integrations
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#16

Acetone

Concen: 668.55 ug/l

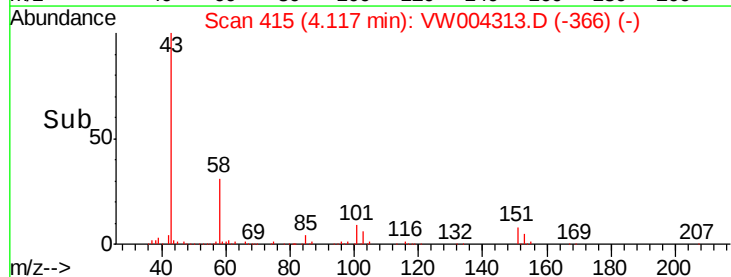
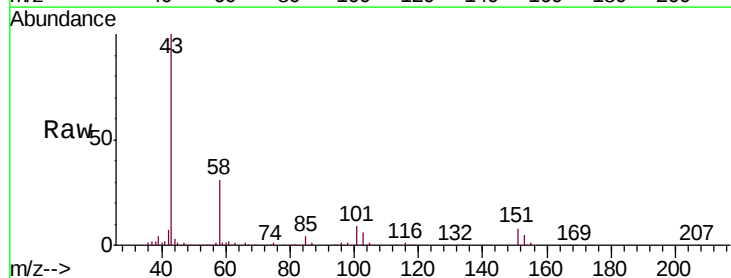
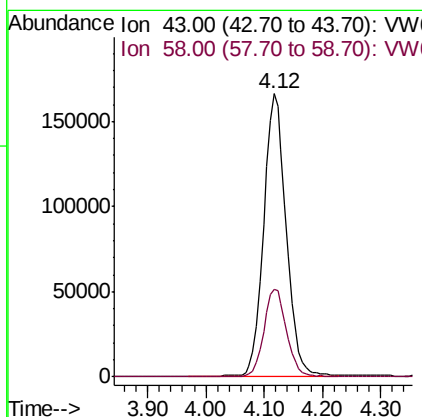
RT: 4.12 min Scan# 415

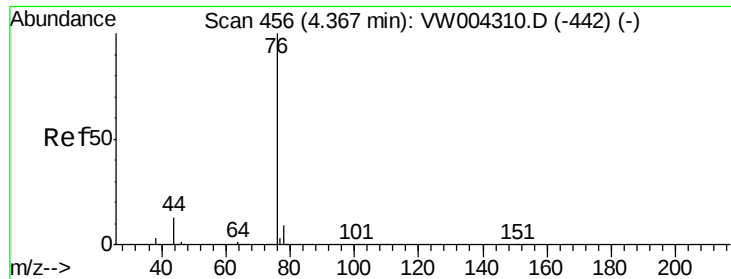
Delta R.T. -0.00 min

Lab File: VW004313.D

Acq: 29 Jul 2018 14:21

Tgt Ion:	43	Resp:	448369
Ion Ratio	Lower	Upper	
43	100		
58	30.9	24.8	37.2





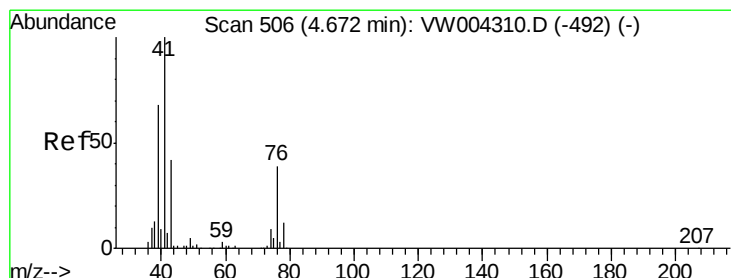
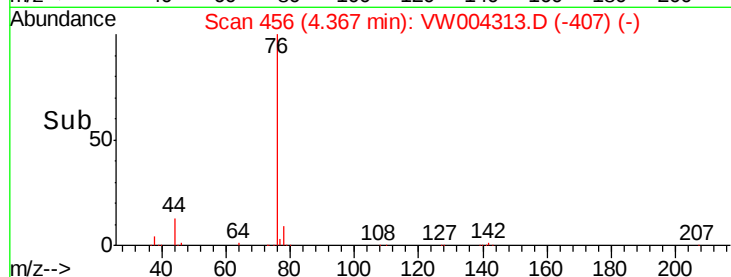
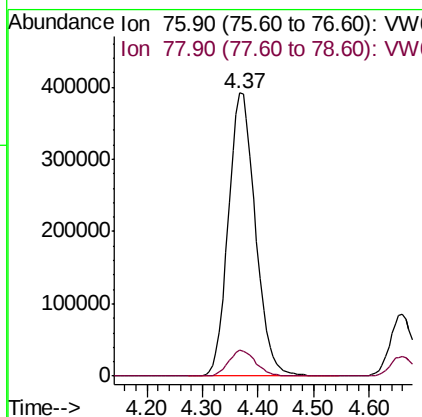
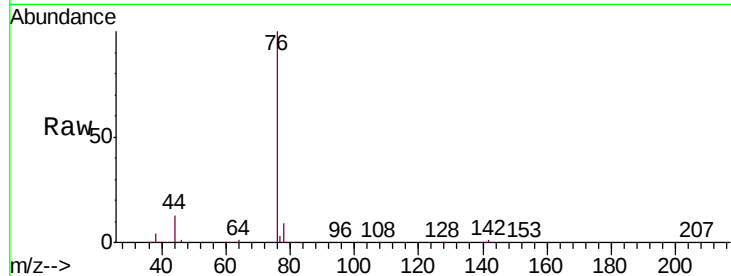
#17
Carbon Disulfide
Concen: 146.82 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.00 min
Lab File: VW004313.D
Acq: 29 Jul 2018 14:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion: 76 Resp: 1318078
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

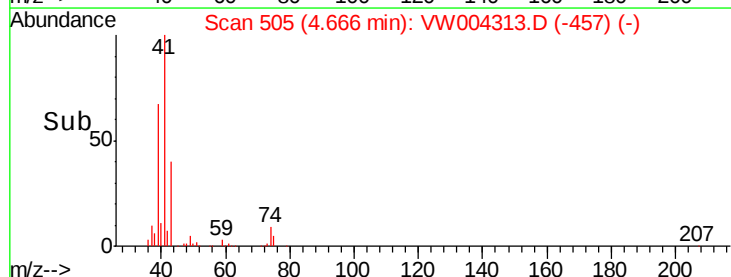
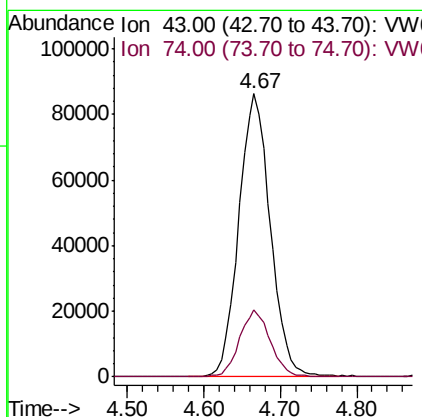
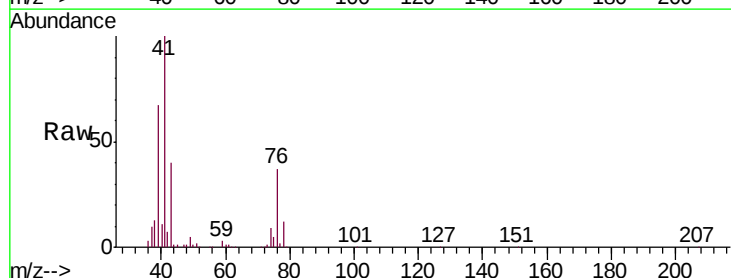
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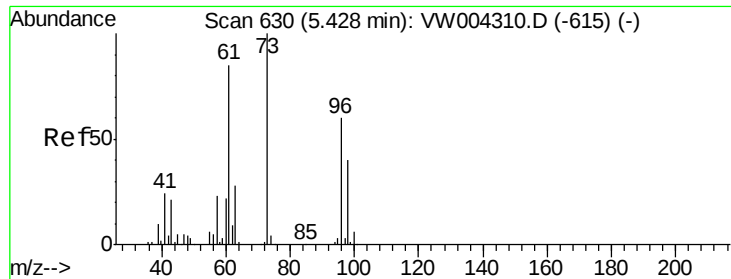
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#18
Methyl Acetate
Concen: 141.95 ug/l
RT: 4.67 min Scan# 505
Delta R.T. -0.01 min
Lab File: VW004313.D
Acq: 29 Jul 2018 14:21

Tgt Ion: 43 Resp: 244916
Ion Ratio Lower Upper
43 100
74 23.3 17.8 26.6





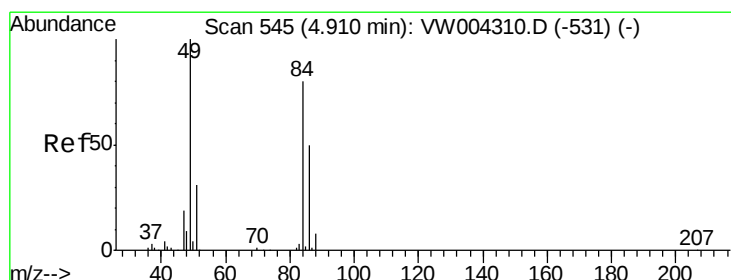
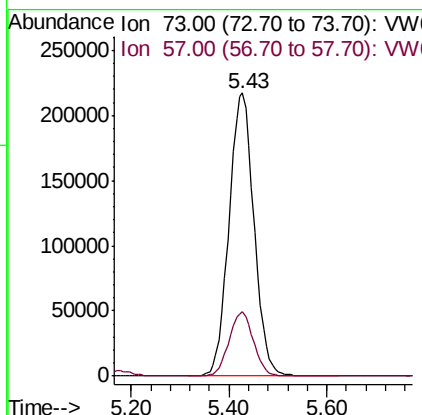
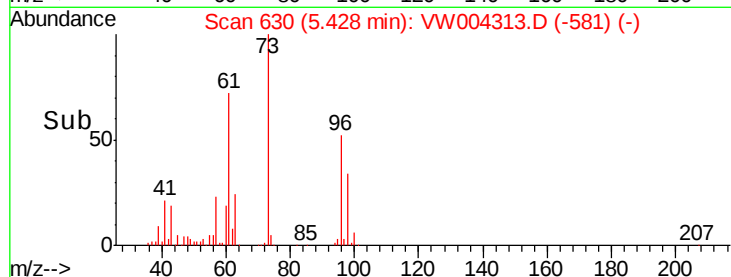
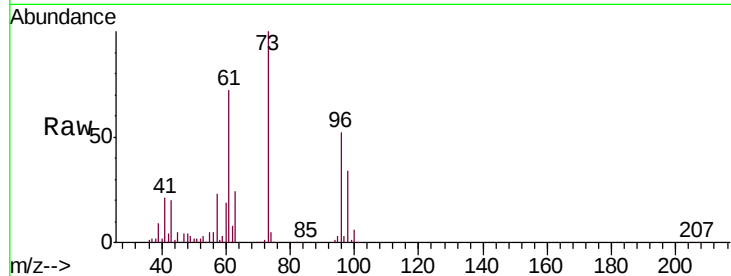
#19
Methvl tert-butvl Ether
Concen: 148.39 ug/l
RT: 5.43 min Scan# 630
Delta R.T. -0.00 min
Lab File: VW004313.D
Acq: 29 Jul 2018 14:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion: 73 Resp: 767190
Ion Ratio Lower Upper
73 100
57 22.7 18.4 27.6

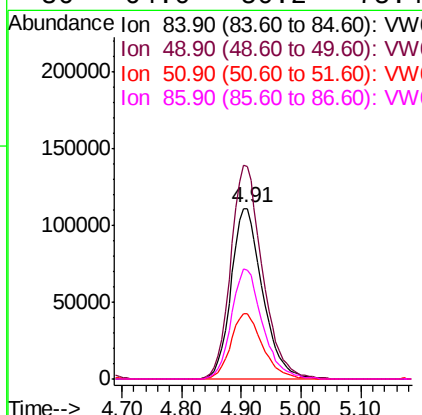
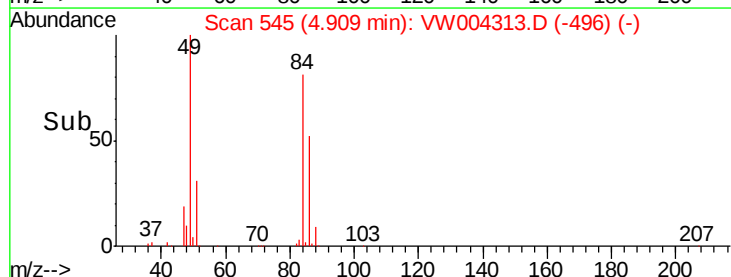
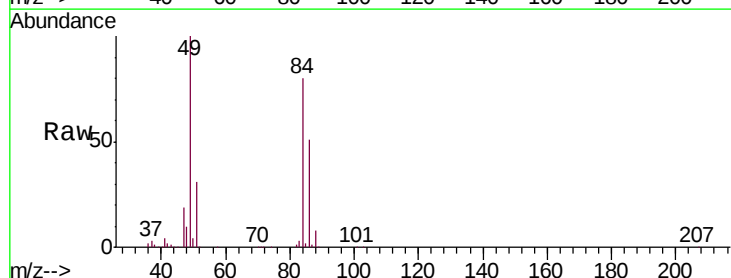
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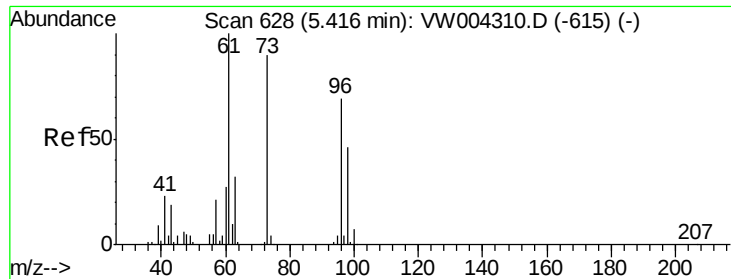
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#20
Methylene Chloride
Concen: 130.64 ug/l
RT: 4.91 min Scan# 545
Delta R.T. -0.00 min
Lab File: VW004313.D
Acq: 29 Jul 2018 14:21

Tgt Ion: 84 Resp: 407775
Ion Ratio Lower Upper
84 100
49 124.3 100.5 150.7
51 38.5 30.9 46.3
86 64.0 50.2 75.4





#21

trans-1,2-Dichloroethene

Concen: 141.96 ug/l

RT: 5.41 min Scan# 627

Delta R.T. -0.01 min

Lab File: VW004313.D

Acq: 29 Jul 2018 14:21

Instrument :

MSVOA_W

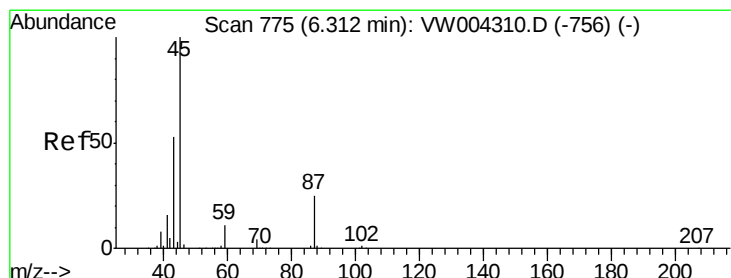
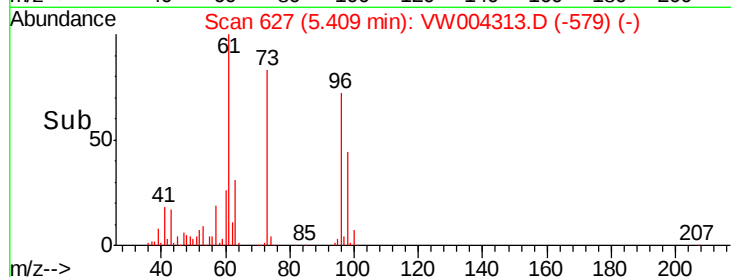
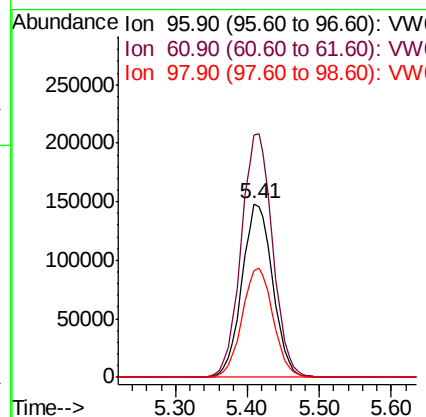
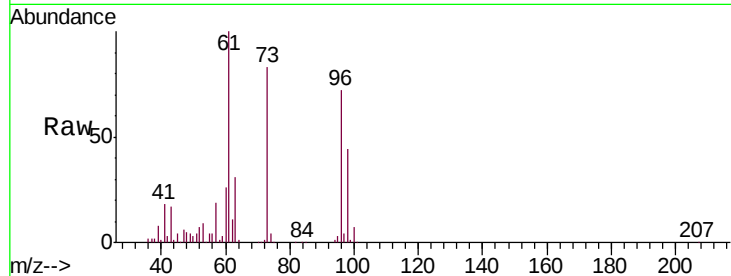
ClientSampled :

VSTDIC150

Tot Ion:	96	Resp:	439589
Ion	Ratio	Lower	Upper
96	100		
61	139.6	116.2	174.2
98	61.4	52.9	79.3

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#22

Diisopropyl ether

Concen: 151.17 ug/l

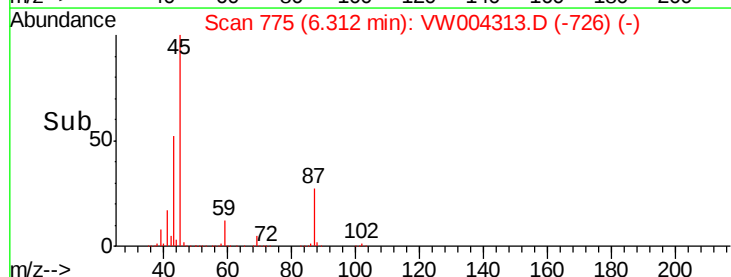
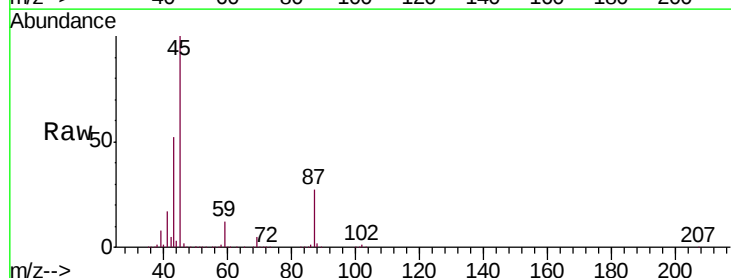
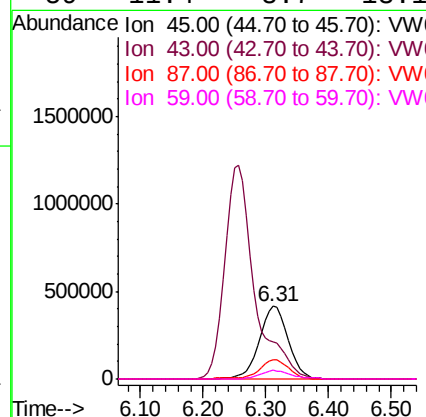
RT: 6.31 min Scan# 775

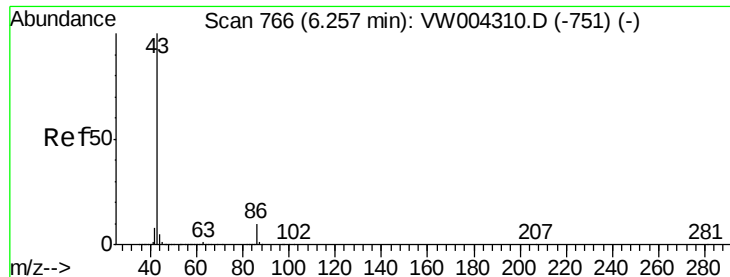
Delta R.T. -0.00 min

Lab File: VW004313.D

Acq: 29 Jul 2018 14:21

Tgt Ion:	45	Resp:	1328121
Ion	Ratio	Lower	Upper
45	100		
43	51.7	42.3	63.5
87	26.5	19.9	29.9
59	11.4	8.7	13.1





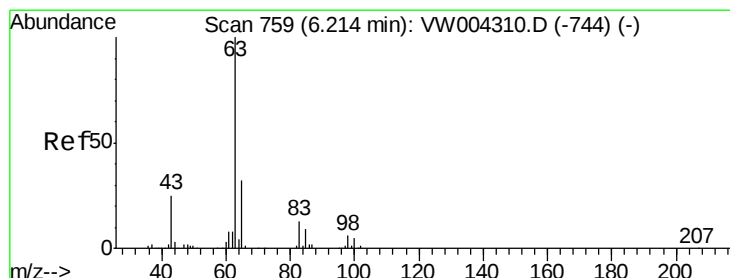
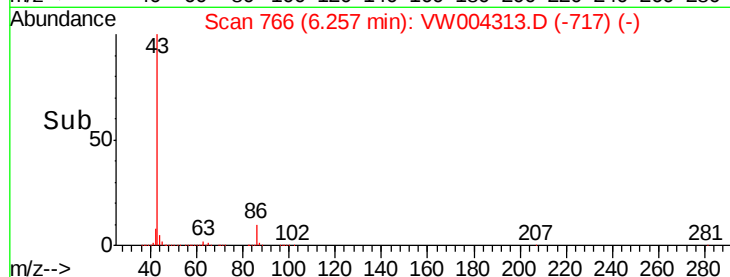
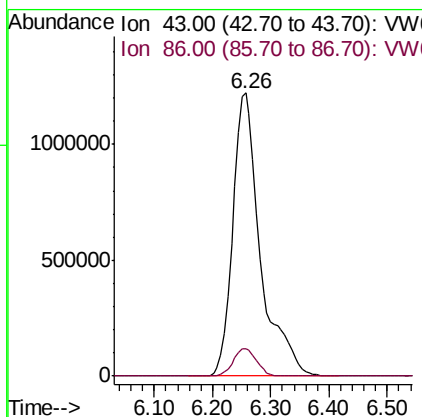
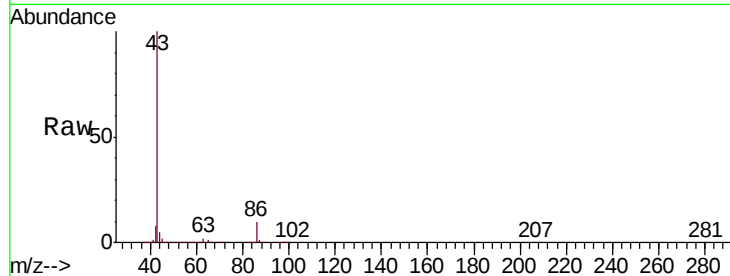
#23
 Vinyl Acetate
 Concen: 788.66 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: VW004313.D
 Acq: 29 Jul 2018 14:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion: 43 Resp: 4019741
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.7 11.5

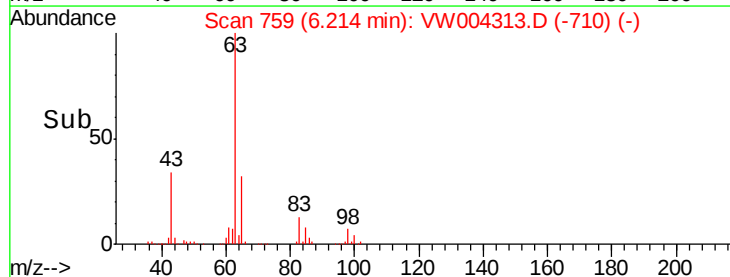
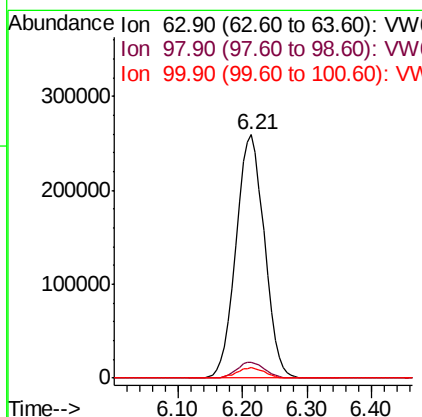
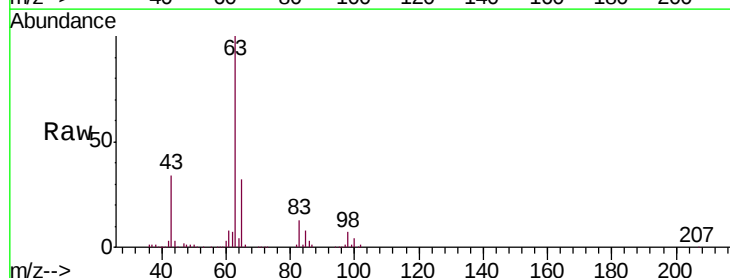
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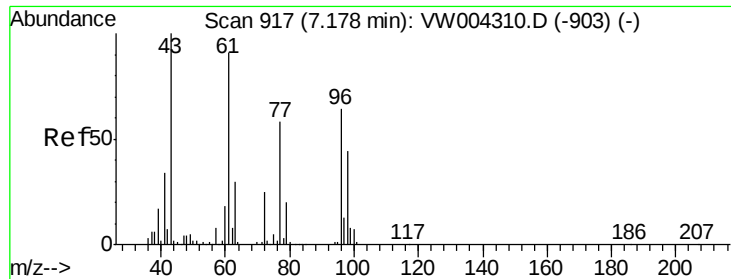
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#24
 1,1-Dichloroethane
 Concen: 139.49 ug/l
 RT: 6.21 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: VW004313.D
 Acq: 29 Jul 2018 14:21

Tgt Ion: 63 Resp: 789224
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.2 9.6
 100 4.2 2.3 6.9





#25

2-Butanone

Concen: 774.07 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW004313.D

Acq: 29 Jul 2018 14:21

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

Tot Ion: 43 Resp: 629185

Ion Ratio Lower Upper

43 100

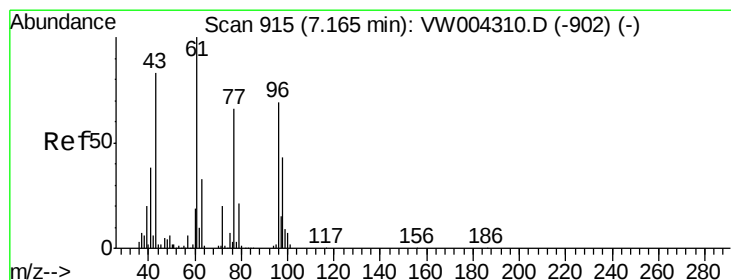
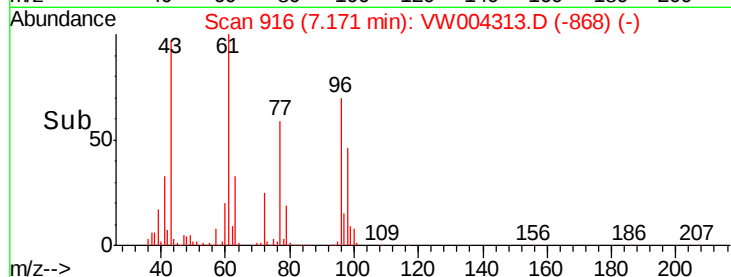
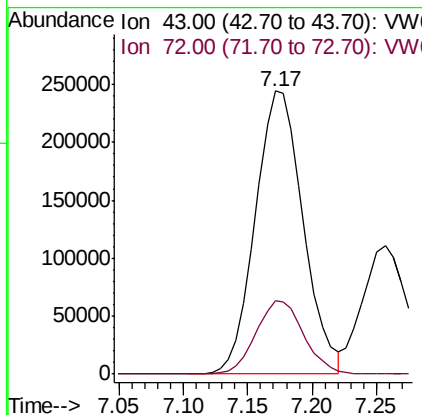
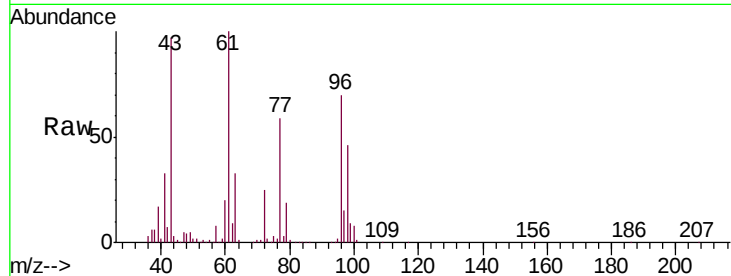
72 26.2 20.3 30.5

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 134.87 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW004313.D

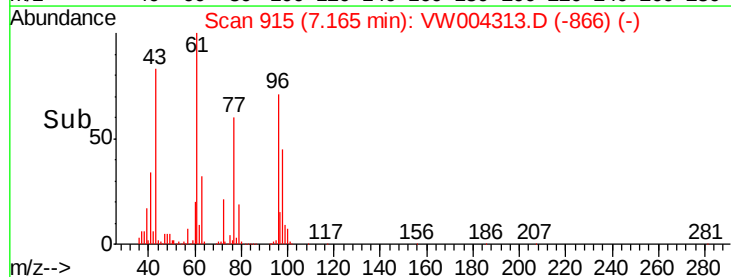
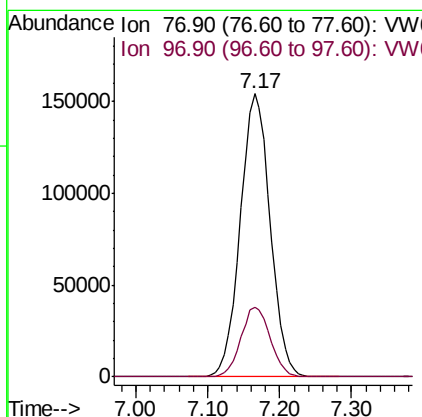
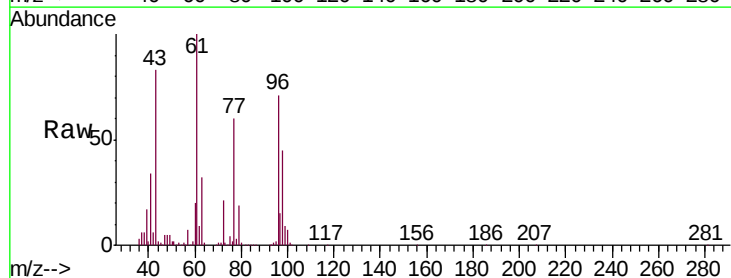
Acq: 29 Jul 2018 14:21

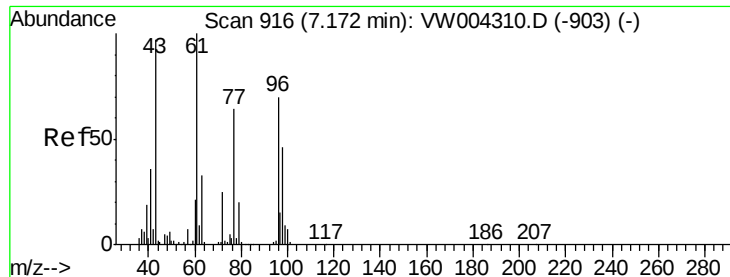
Tgt Ion: 77 Resp: 442706

Ion Ratio Lower Upper

77 100

97 24.4 11.7 35.1





#27

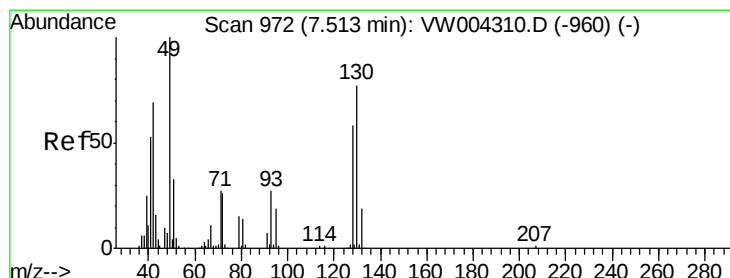
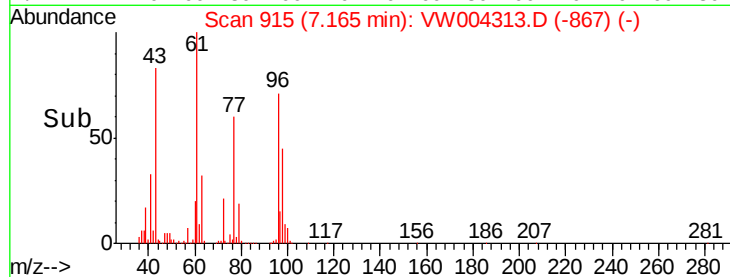
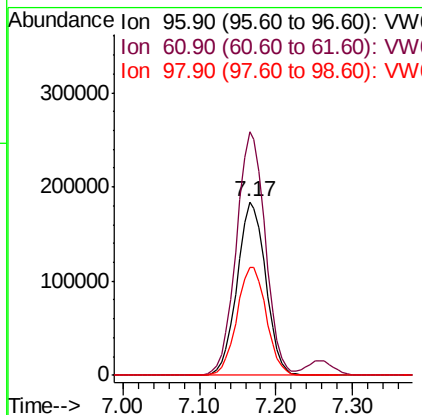
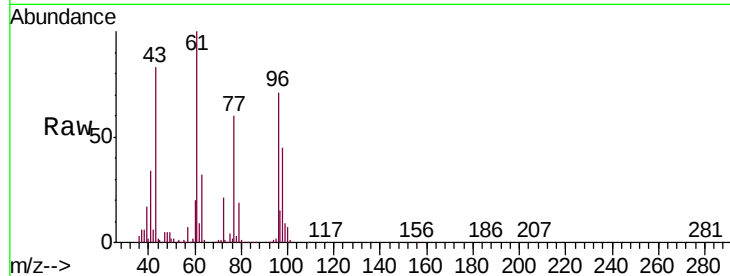
cis-1,2-Dichloroethene
Concen: 150.98 ug/l
RT: 7.17 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW004313.D
Acq: 29 Jul 2018 14:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
96	100	475790		
61	142.6	0.0	292.0	
98	64.4	0.0	129.6	

Manual Integrations
APPROVED

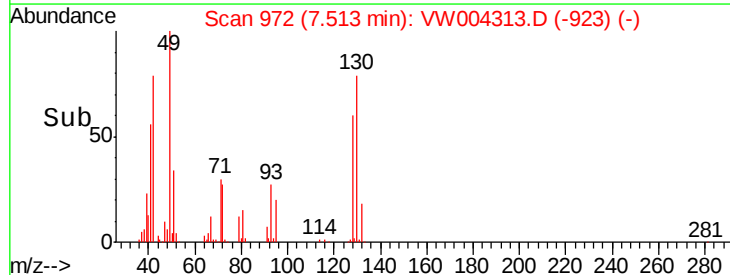
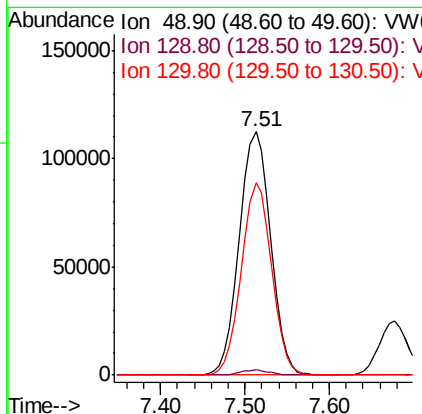
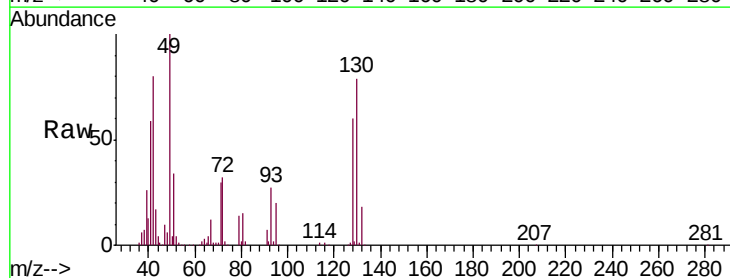
apatel
7/30/2018 10:32:42 AM

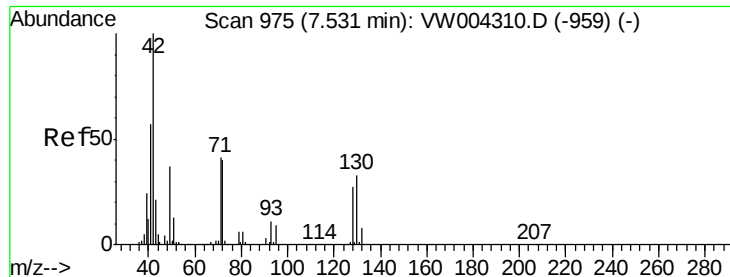


#28

Bromochloromethane
Concen: 143.03 ug/l
RT: 7.51 min Scan# 972
Delta R.T. -0.00 min
Lab File: VW004313.D
Acq: 29 Jul 2018 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	283614		
129	2.1	0.0	4.6	
130	76.1	61.5	92.3	





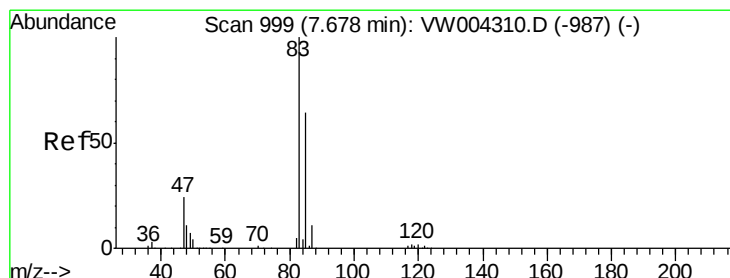
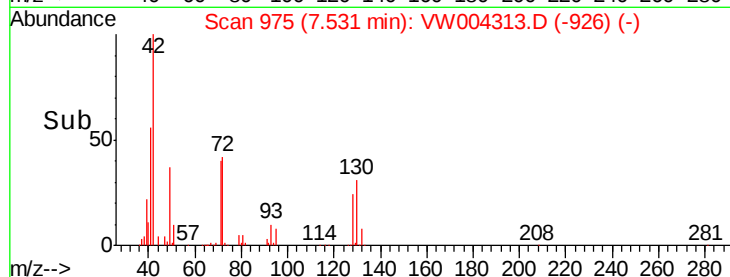
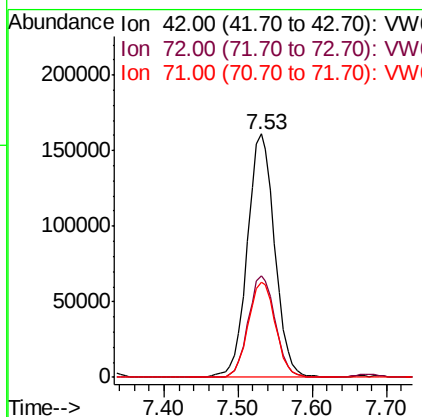
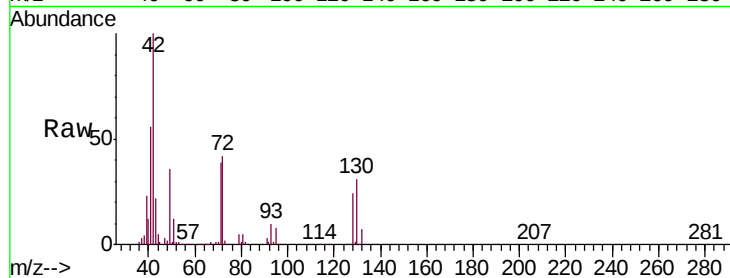
#29
Tetrahydrofuran
Concen: 797.02 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.00 min
Lab File: VW004313.D
Acq: 29 Jul 2018 14:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.3	32.6	48.8
71	39.2	31.3	46.9

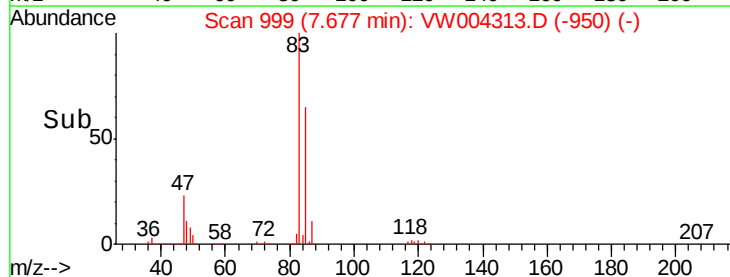
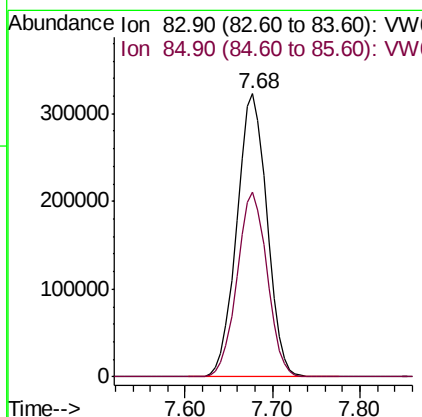
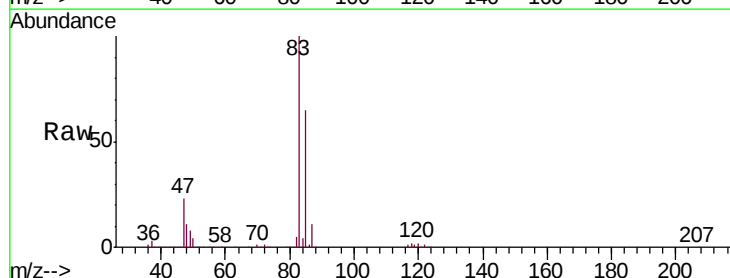
Manual Integrations
APPROVED

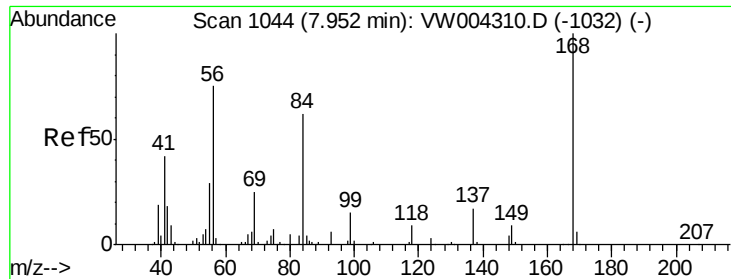
apatel
7/30/2018 10:32:42 AM



#30
Chloroform
Concen: 143.09 ug/l
RT: 7.68 min Scan# 999
Delta R.T. -0.00 min
Lab File: VW004313.D
Acq: 29 Jul 2018 14:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.5	77.3





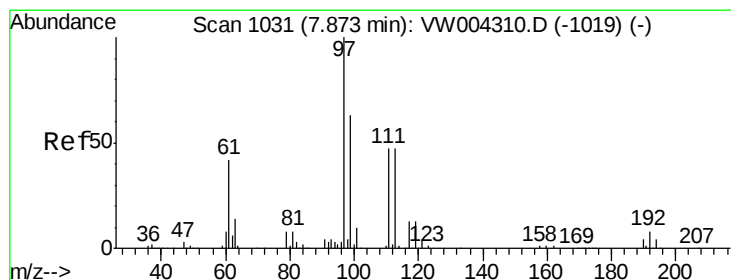
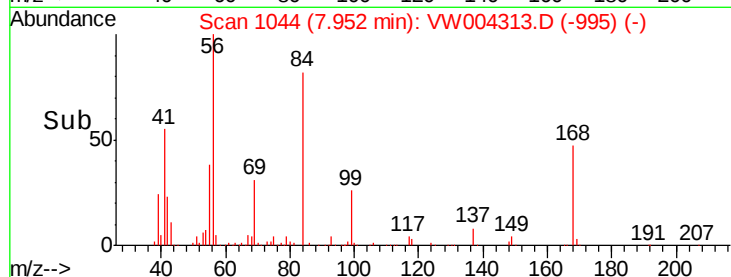
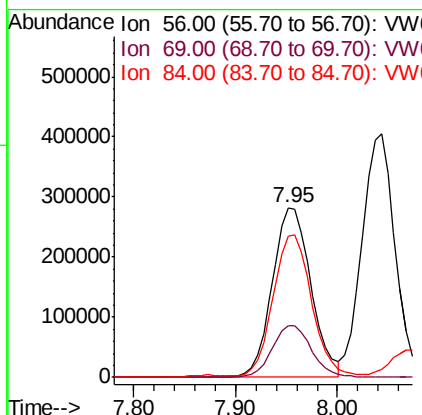
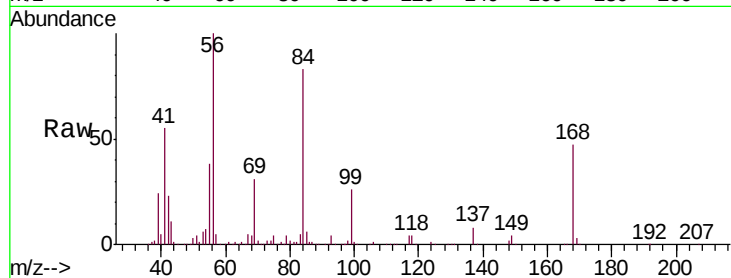
#31
Cyclohexane
Concen: 148.16 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW004313.D
Acq: 29 Jul 2018 14:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.7	26.3	39.5
84	82.7	66.2	99.4

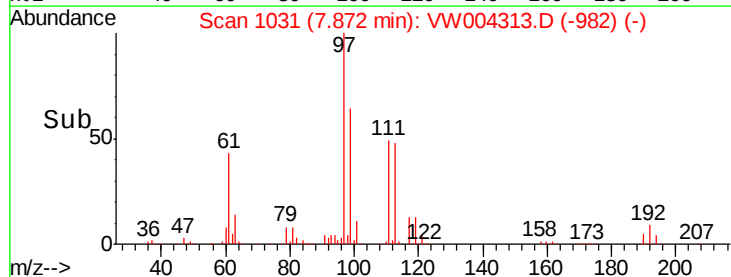
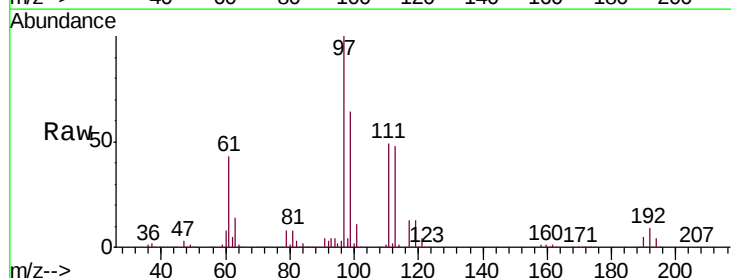
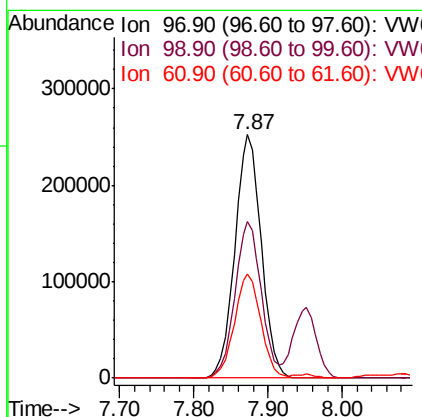
Manual Integrations
APPROVED

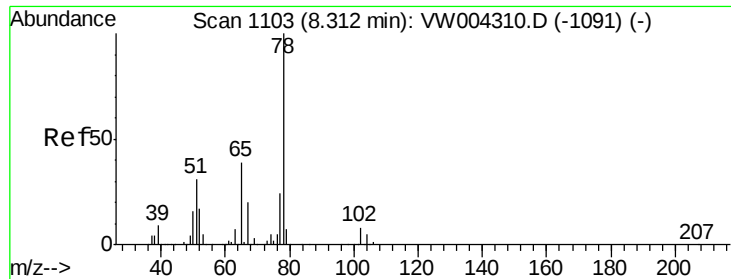
apatel
7/30/2018 10:32:42 AM



#32
1,1,1-Trichloroethane
Concen: 141.02 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VW004313.D
Acq: 29 Jul 2018 14:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.7	77.5
61	42.9	34.8	52.2





#33

1,2-Dichloroethane-d4

Concen: 148.36 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW004313.D

Acq: 29 Jul 2018 14:21

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

Tot Ion: 65 Resp: 434204

Ion Ratio Lower Upper

65 100

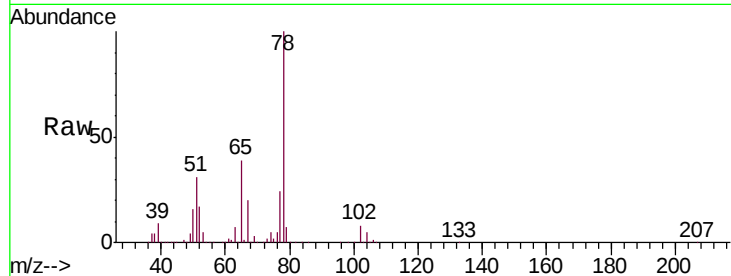
67 52.9 0.0 106.4

Manual Integrations

APPROVED

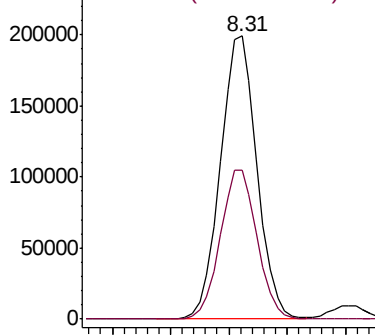
apatel

7/30/2018 10:32:42 AM

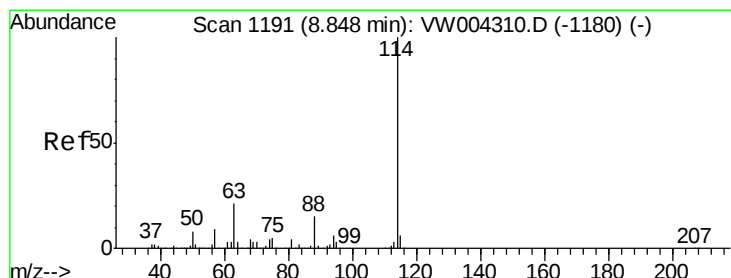
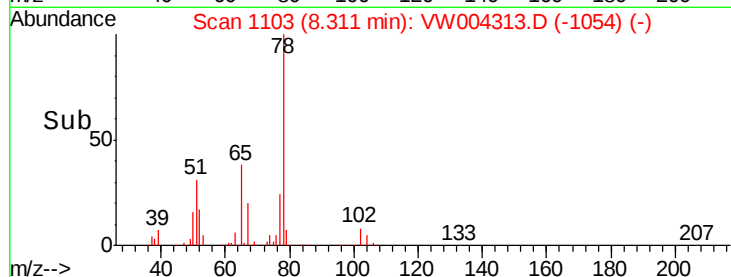


Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. -0.00 min

Lab File: VW004313.D

Acq: 29 Jul 2018 14:21

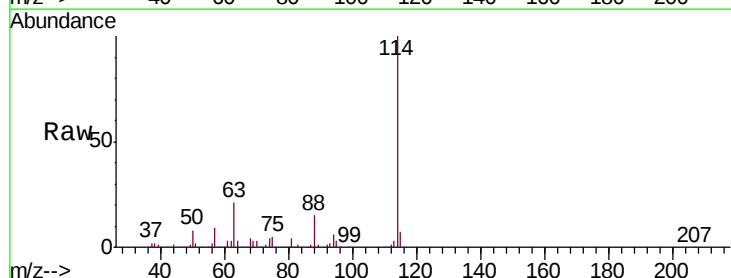
Tgt Ion: 114 Resp: 438339

Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.4

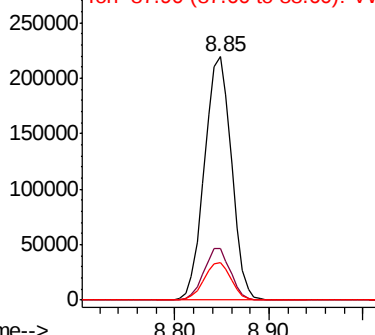
88 15.5 0.0 30.6



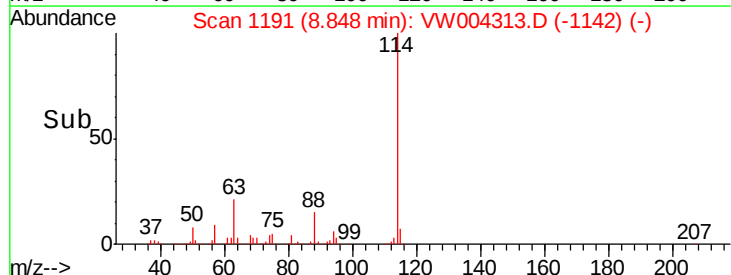
Abundance Ion 113.90 (113.60 to 114.60): V

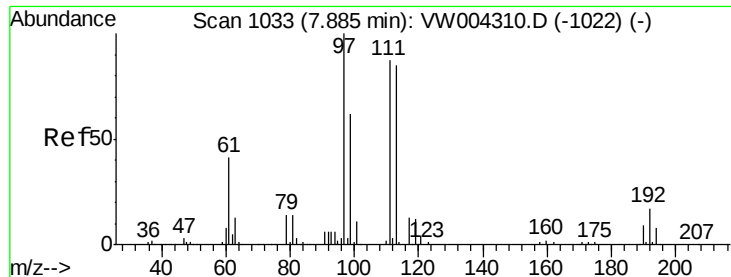
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



Time-->





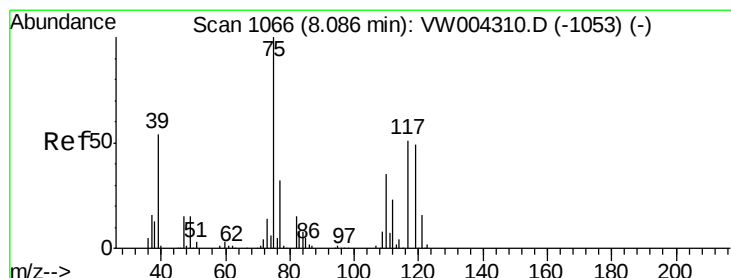
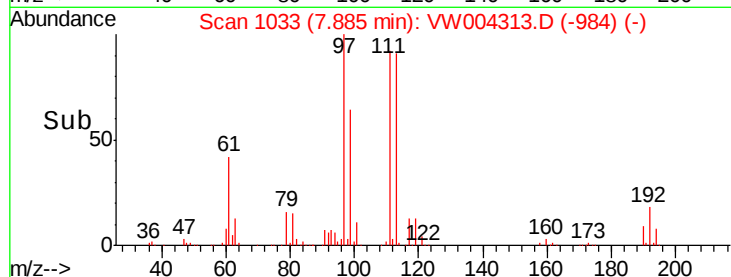
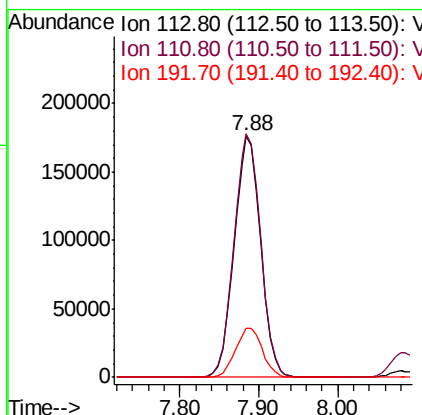
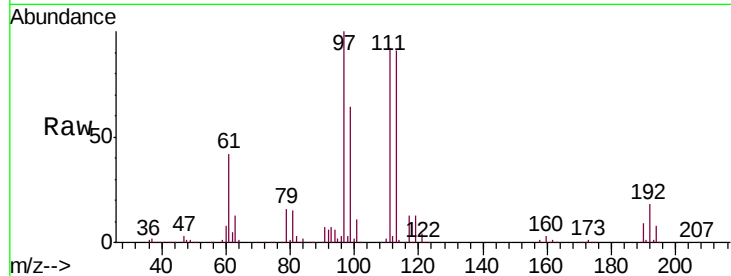
#35
Dibromofluoromethane
Concen: 147.69 ug/l
RT: 7.88 min Scan# 1033
Delta R.T. -0.00 min
Lab File: VW004313.D
Acq: 29 Jul 2018 14:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
113	100	409111		
111	102.5	82.1	123.1	
192	20.7	16.2	24.4	

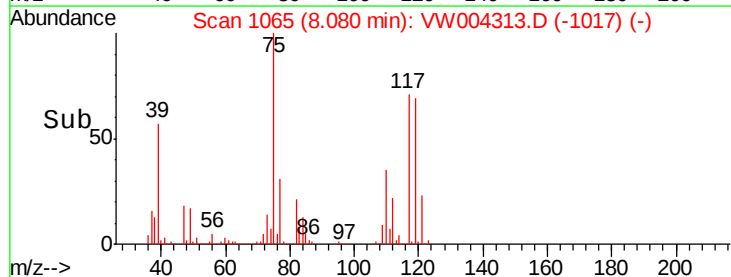
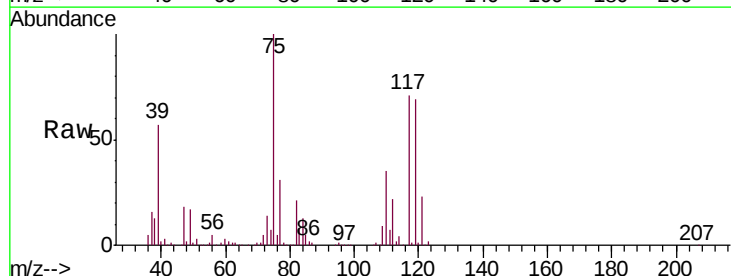
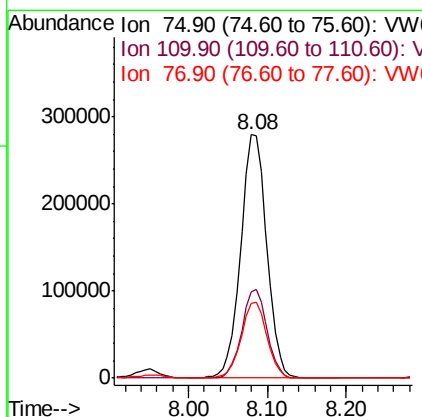
Manual Integrations
APPROVED

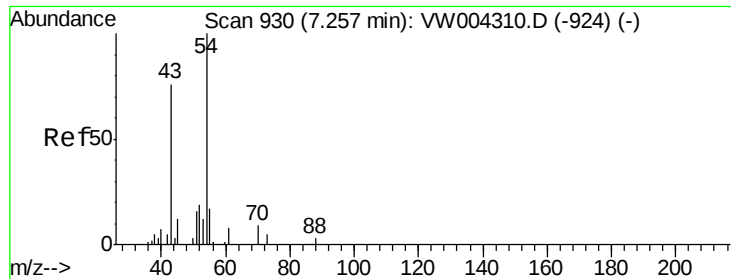
apatel
7/30/2018 10:32:42 AM



#36
1,1-Dichloropropene
Concen: 146.42 ug/l
RT: 8.08 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW004313.D
Acq: 29 Jul 2018 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	642086		
110	35.2	17.3	52.0	
77	31.0	25.0	37.6	





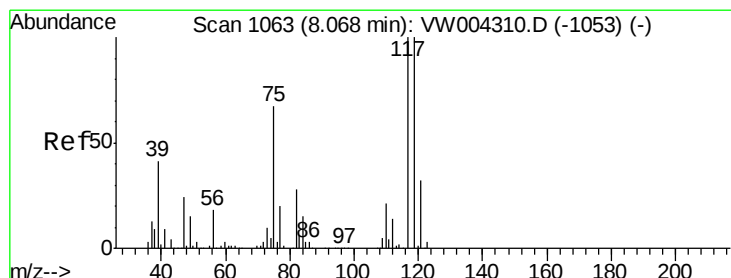
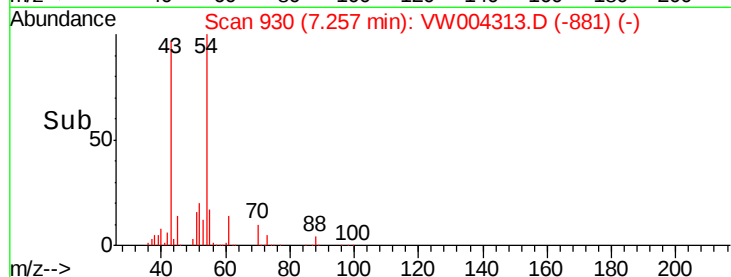
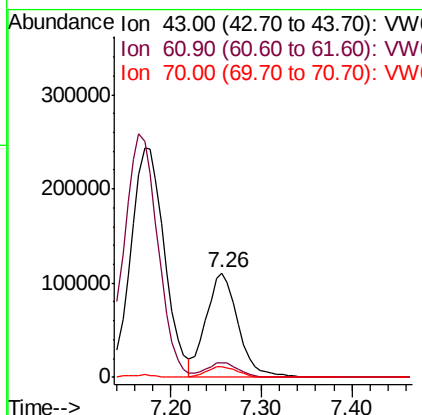
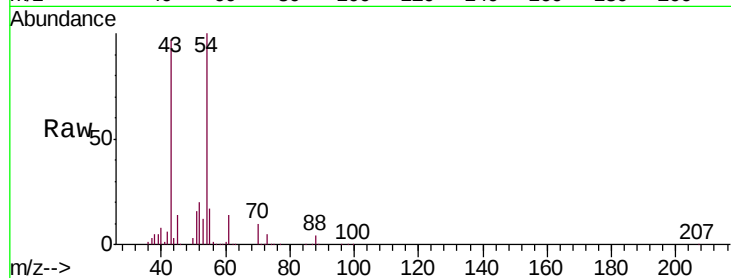
#37
Ethyl Acetate
Concen: 152.15 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.00 min
Lab File: VW004313.D
Acq: 29 Jul 2018 14:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.1	16.7
70	10.4	7.8	11.6

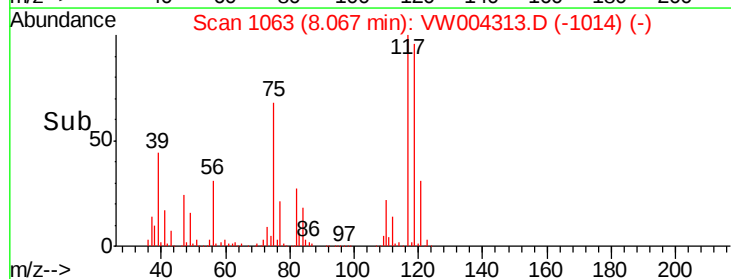
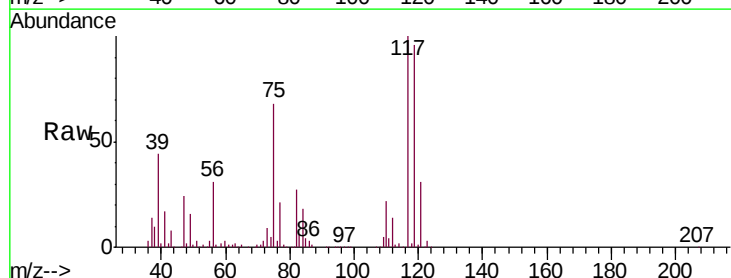
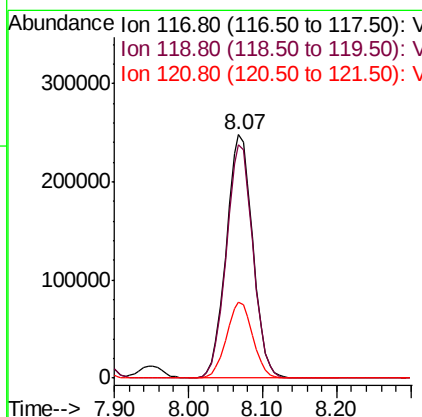
Manual Integrations
APPROVED

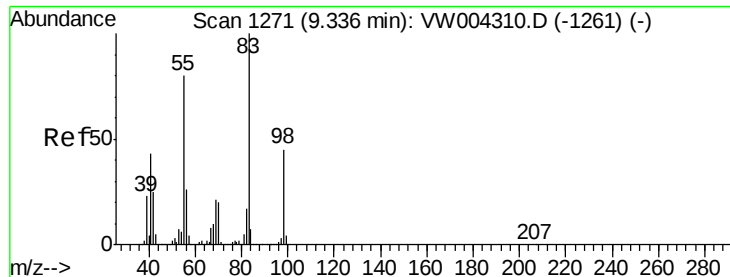
apatel
7/30/2018 10:32:42 AM



#38
Carbon Tetrachloride
Concen: 142.50 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VW004313.D
Acq: 29 Jul 2018 14:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	79.7	119.5
121	31.1	25.7	38.5





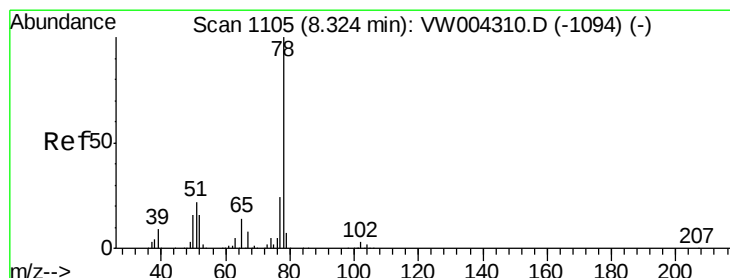
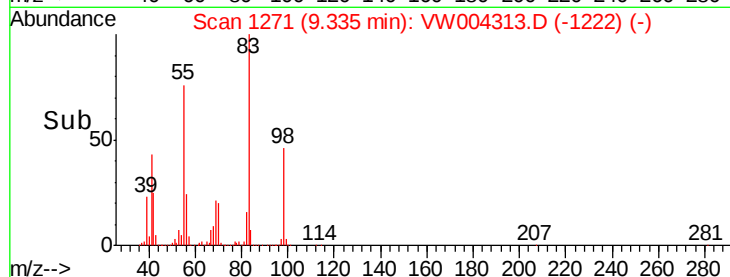
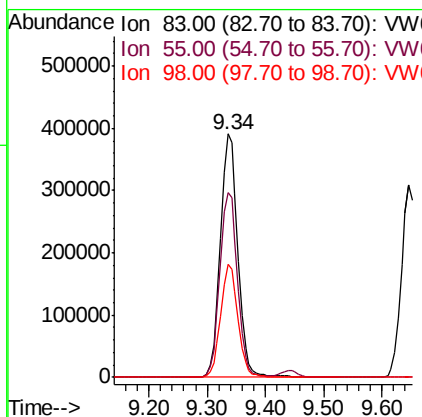
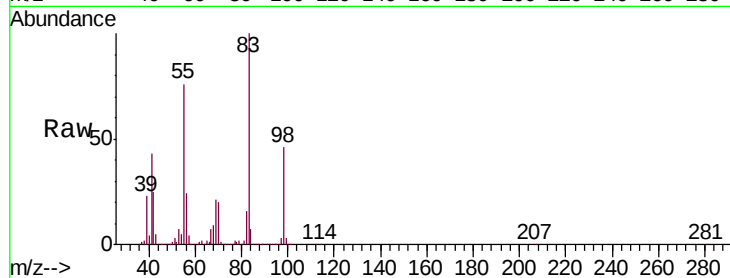
#39
Methvlcvclohexane
Concen: 153.59 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VW004313.D
Acq: 29 Jul 2018 14:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.9	64.3	96.5
98	46.3	36.3	54.5

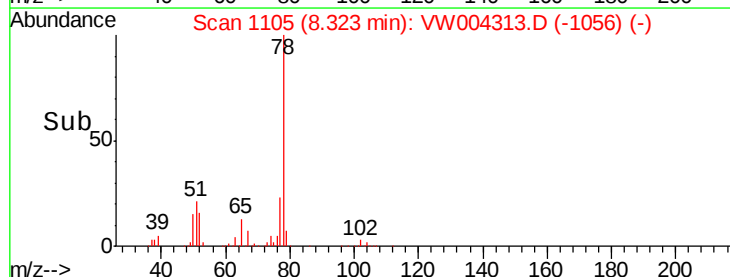
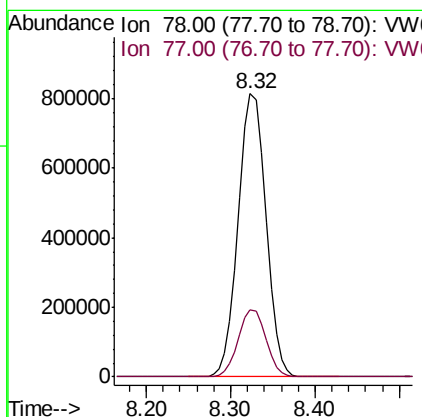
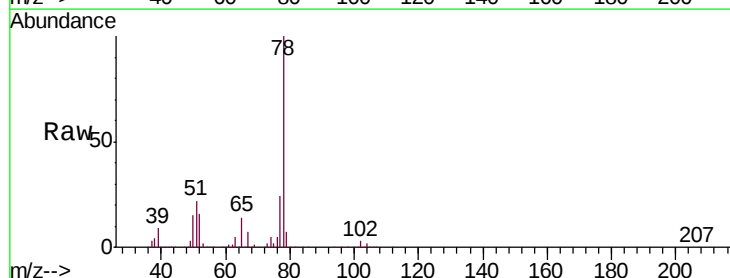
Manual Integrations
APPROVED

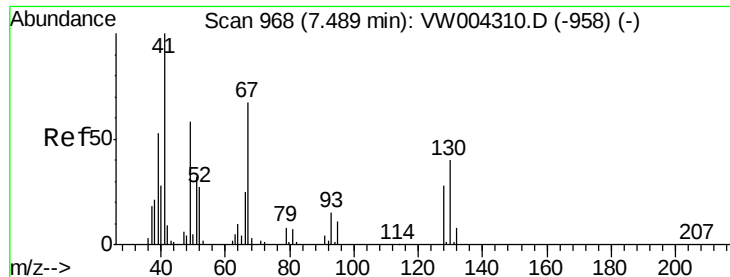
apatel
7/30/2018 10:32:42 AM



#40
Benzene
Concen: 146.85 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. -0.00 min
Lab File: VW004313.D
Acq: 29 Jul 2018 14:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.4	29.0





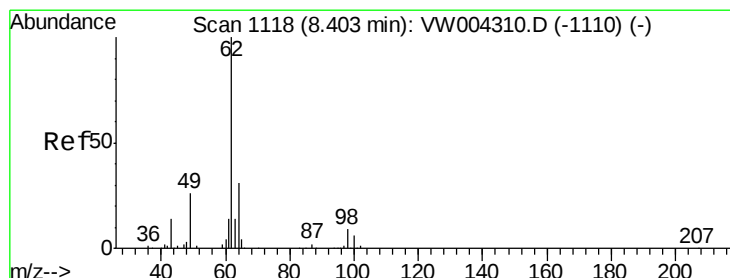
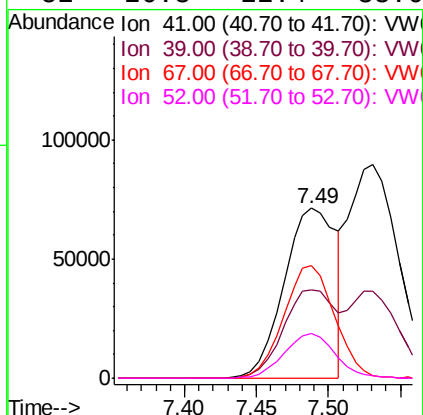
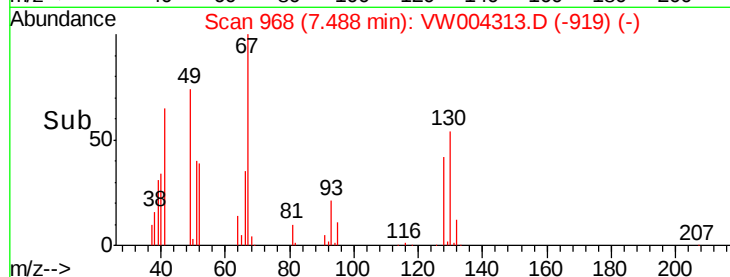
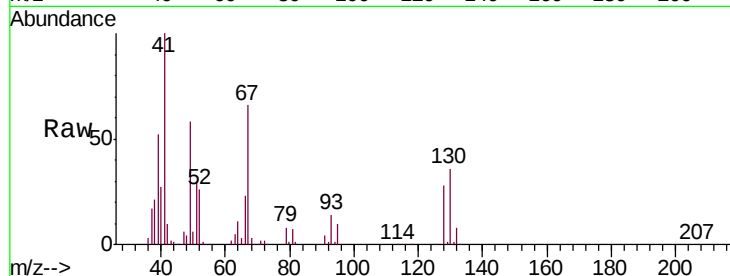
#41
Methacrylonitrile
Concen: 172.84 ug/l
RT: 7.49 min Scan# 968
Delta R.T. -0.00 min
Lab File: VW004313.D
Acq: 29 Jul 2018 14:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
41	100		
39	51.5	41.2	61.8
67	65.2	53.4	80.0
52	26.3	22.4	33.6

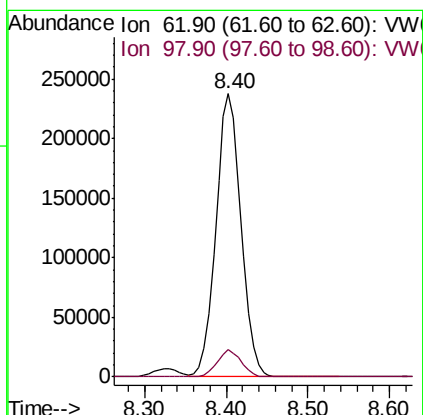
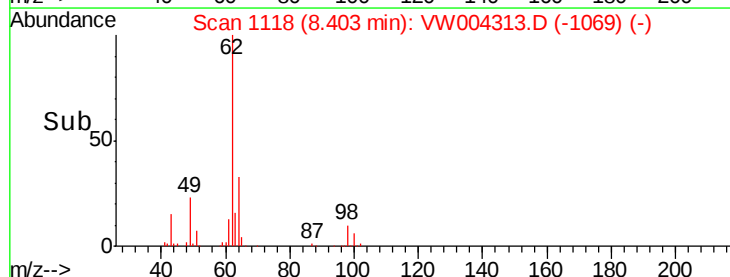
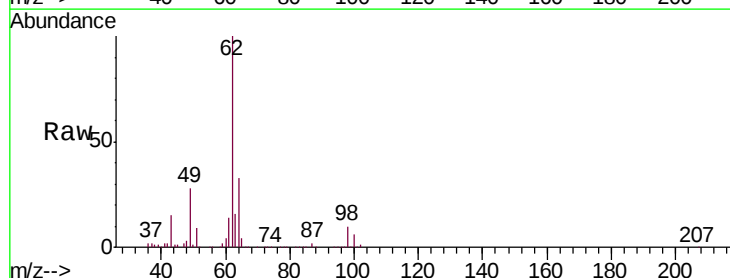
Manual Integrations
APPROVED

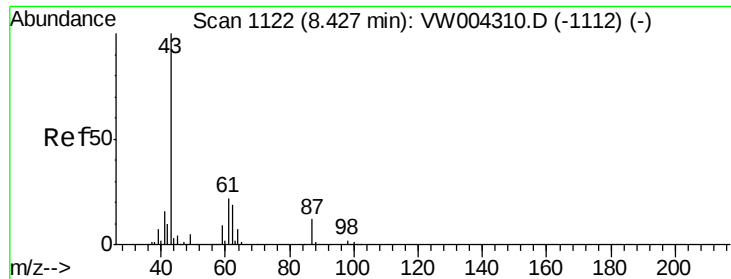
apatel
7/30/2018 10:32:42 AM



#42
1,2-Dichloroethane
Concen: 143.47 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. -0.00 min
Lab File: VW004313.D
Acq: 29 Jul 2018 14:21

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.4





#43

Isopropyl Acetate

Concen: 166.68 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VW004313.D

Acq: 29 Jul 2018 14:21

Instrument :

MSVOA_W

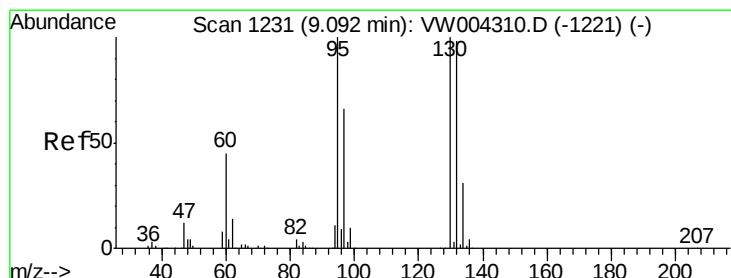
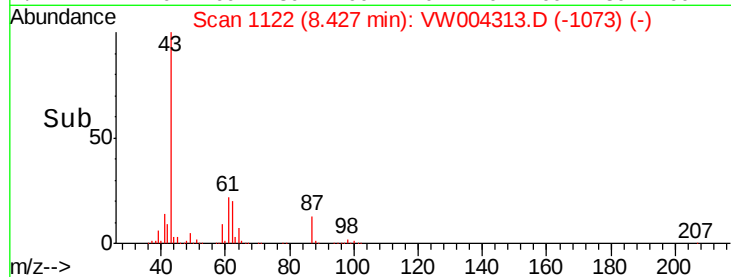
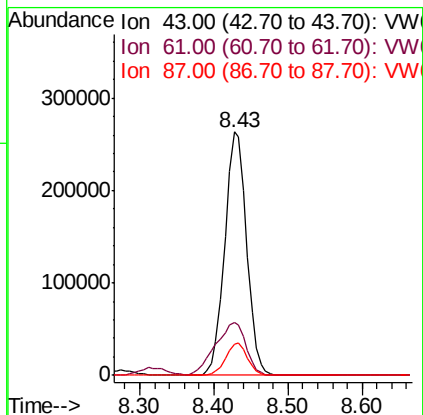
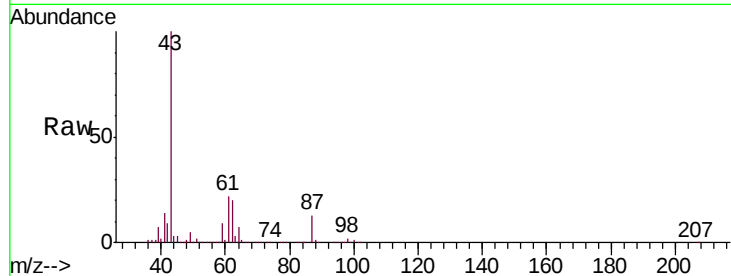
ClientSampleId :

VSTDIC150

Tot Ion:	43	Resp:	539817
Ion	Ratio	Lower	Upper
43	100		
61	30.0	24.5	36.7
87	13.0	10.4	15.6

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#44

Trichloroethene

Concen: 142.13 ug/l

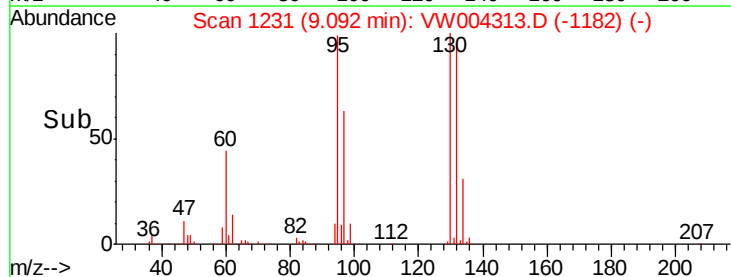
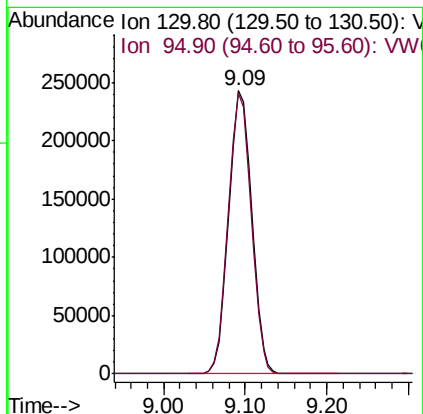
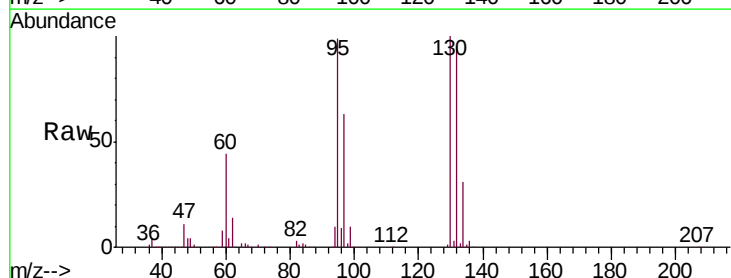
RT: 9.09 min Scan# 1231

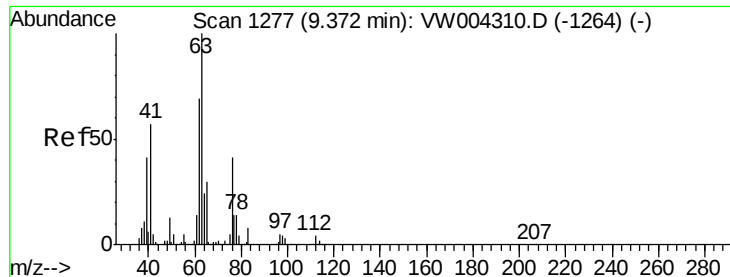
Delta R.T. -0.00 min

Lab File: VW004313.D

Acq: 29 Jul 2018 14:21

Tgt Ion:	130	Resp:	473363
Ion	Ratio	Lower	Upper
130	100		
95	99.2	0.0	199.4





#45

1,2-Dichloropropane

Concen: 149.12 ug/l

RT: 9.37 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VW004313.D

Acq: 29 Jul 2018 14:21

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

Tot Ion: 63 Resp: 456490

Ion Ratio Lower Upper

63 100

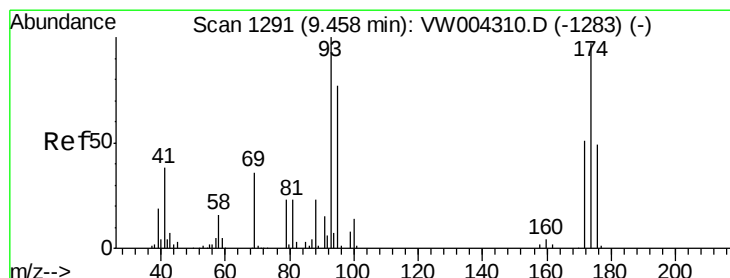
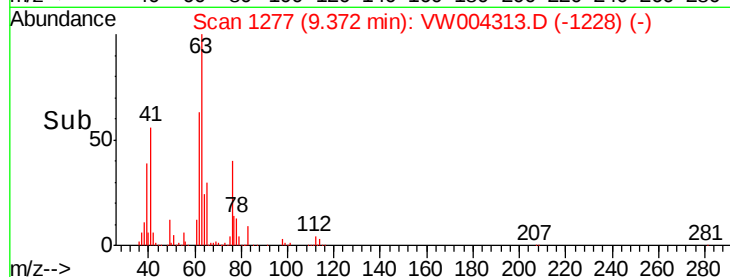
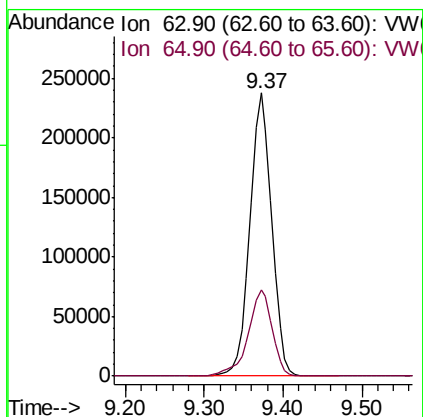
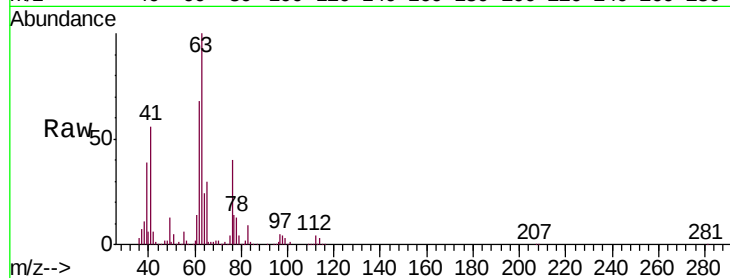
65 30.3 23.9 35.9

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#46

Dibromomethane

Concen: 145.23 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. 0.01 min

Lab File: VW004313.D

Acq: 29 Jul 2018 14:21

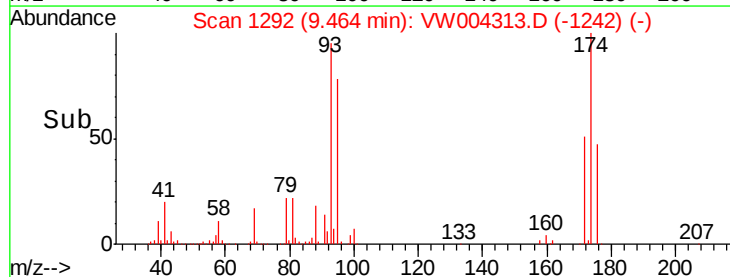
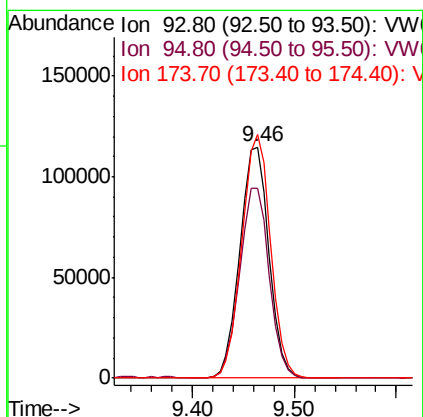
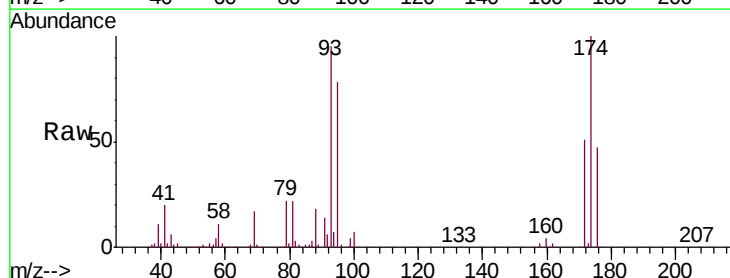
Tgt Ion: 93 Resp: 227017

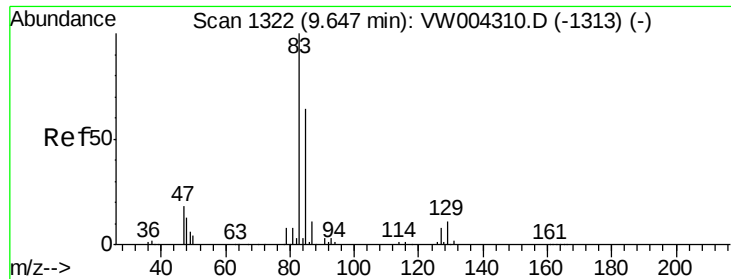
Ion Ratio Lower Upper

93 100

95 83.5 65.8 98.8

174 104.5 83.7 125.5





#47

Bromodichloromethane

Concen: 146.06 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VW004313.D

Acq: 29 Jul 2018 14:21

Instrument :

MSVOA_W

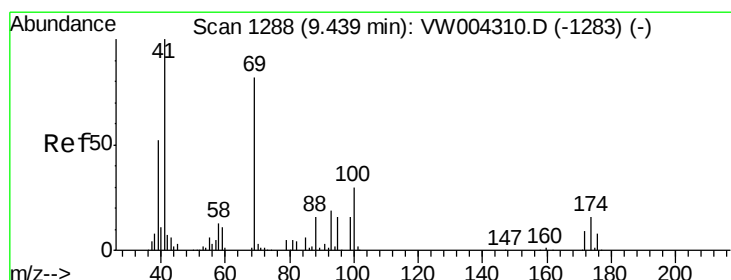
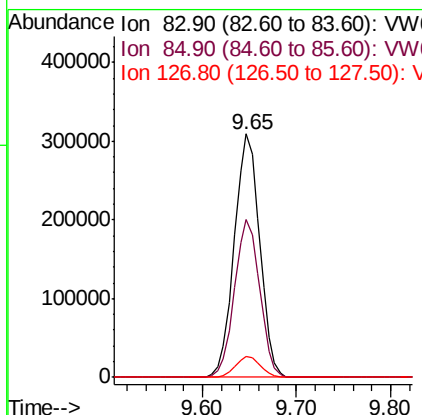
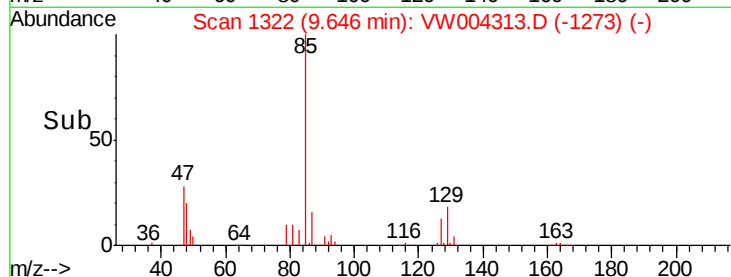
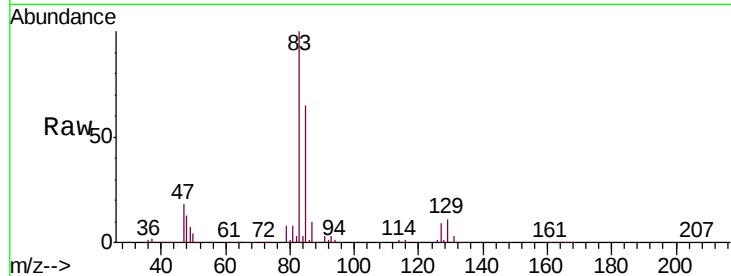
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	579068
Ion Ratio	Lower	Upper	
83	100		
85	64.9	51.3	76.9
127	8.5	6.6	9.8

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#48

Methyl methacrylate

Concen: 163.87 ug/l

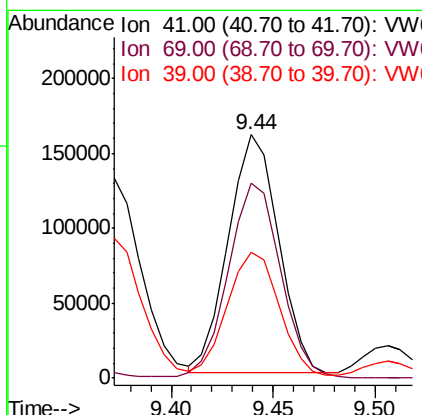
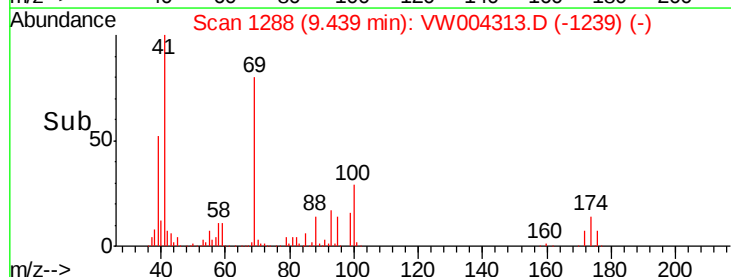
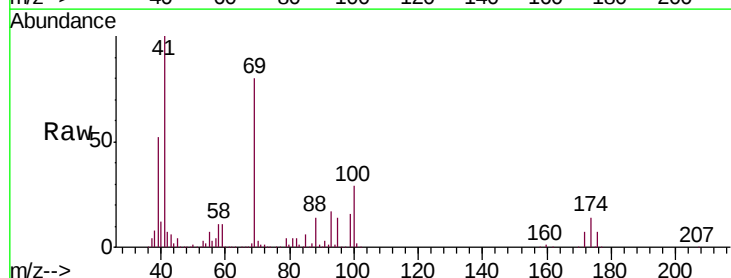
RT: 9.44 min Scan# 1288

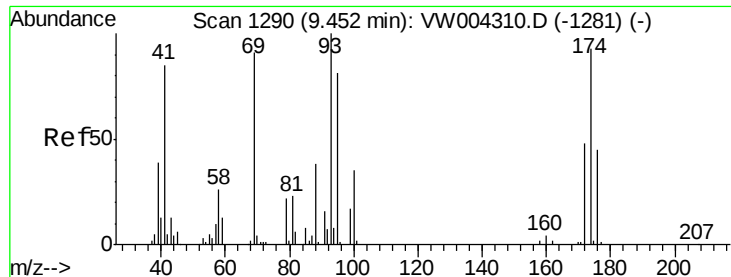
Delta R.T. -0.00 min

Lab File: VW004313.D

Acq: 29 Jul 2018 14:21

Tgt Ion:	41	Resp:	270295
Ion Ratio	Lower	Upper	
41	100		
69	86.6	69.7	104.5
39	56.4	41.8	62.8





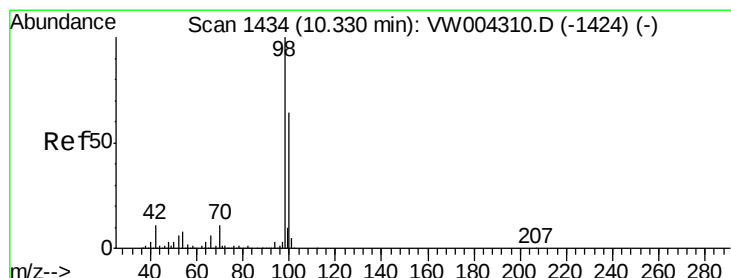
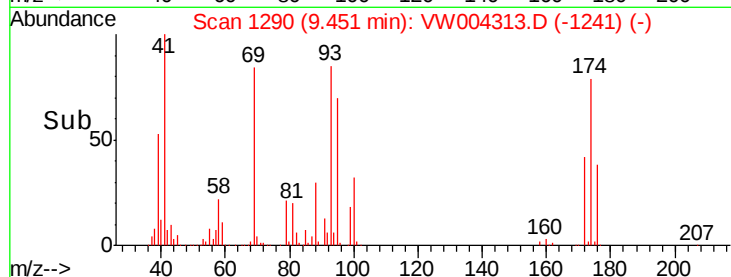
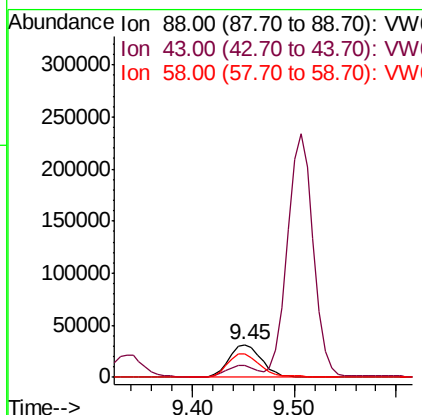
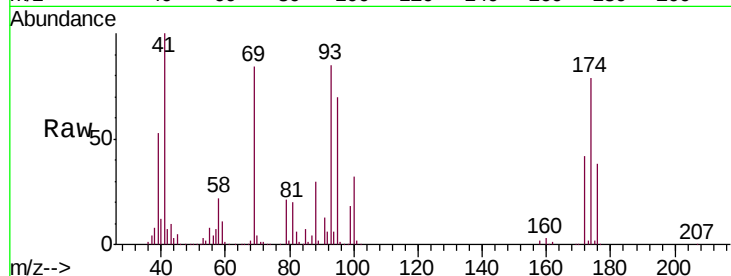
#49
1,4-Dioxane
Concen: 2908.34 ug/l
RT: 9.45 min Scan# 1290
Delta R.T. -0.00 min
Lab File: VW004313.D
Acq: 29 Jul 2018 14:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	88	Resp	68916
Ion	Ratio	Lower	Upper
88	100		
43	32.6	28.3	42.5
58	74.9	60.2	90.4

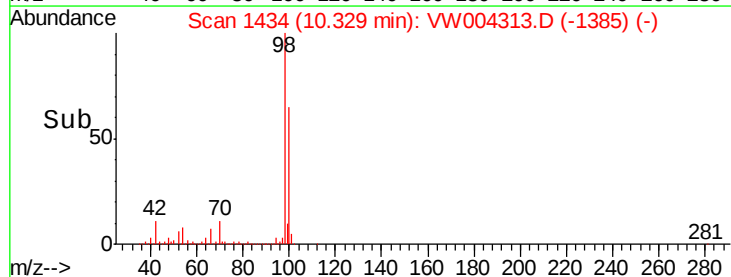
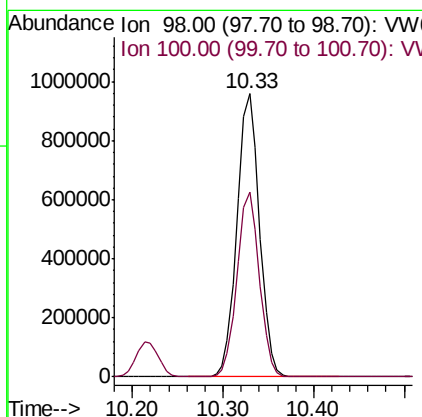
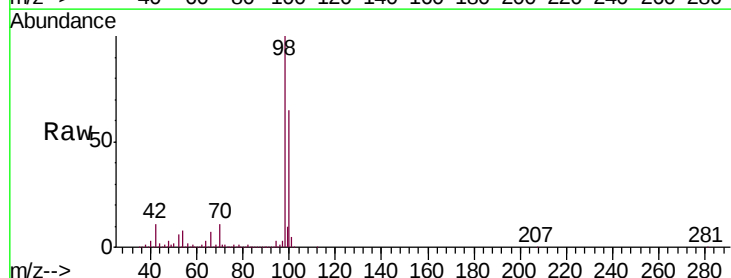
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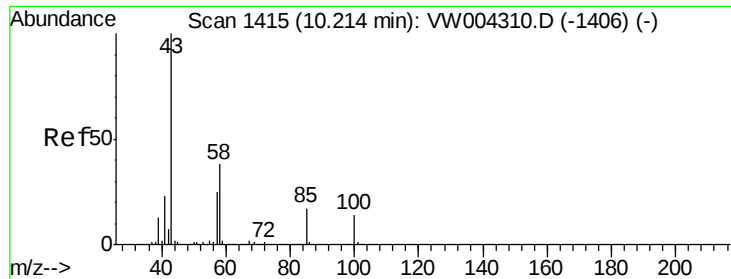
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#50
Toluene-d8
Concen: 150.49 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW004313.D
Acq: 29 Jul 2018 14:21

Tgt Ion	98	Resp	1647508
Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 792.52 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW004313.D

Acq: 29 Jul 2018 14:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 1408642

Ion Ratio Lower Upper

43 100

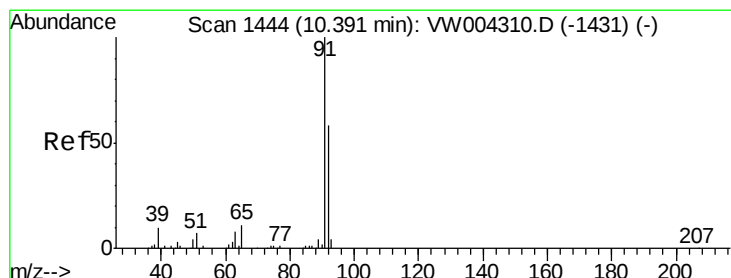
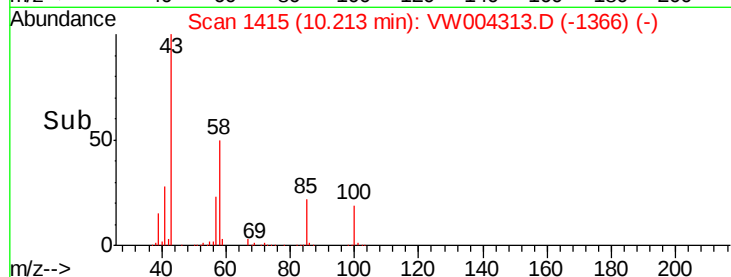
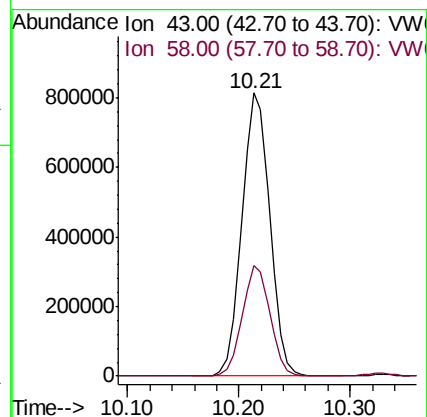
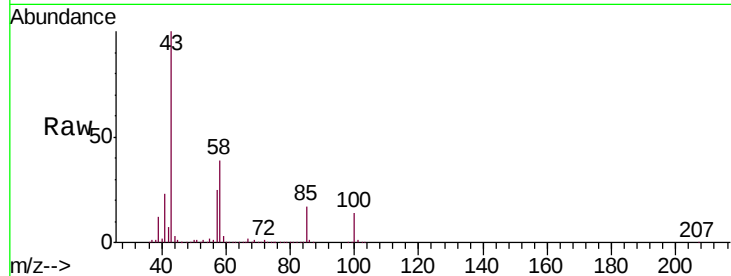
58 38.7 30.6 45.8

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#52

Toluene

Concen: 145.88 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004313.D

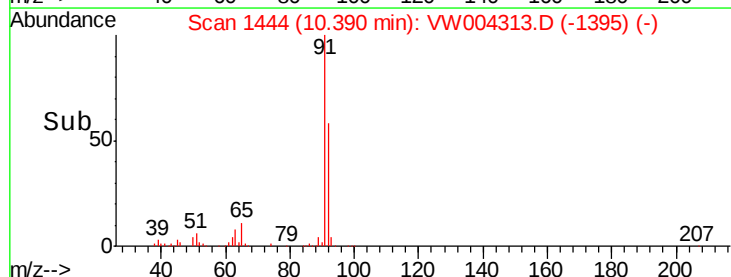
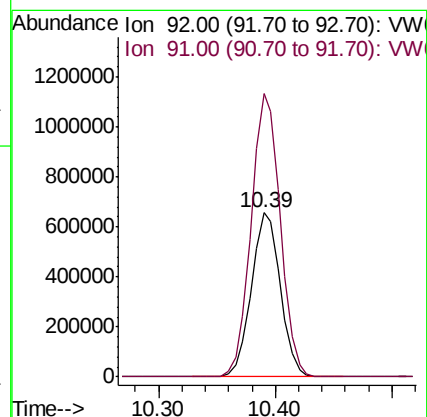
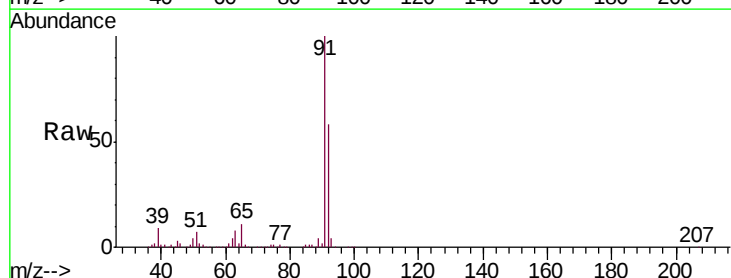
Acq: 29 Jul 2018 14:21

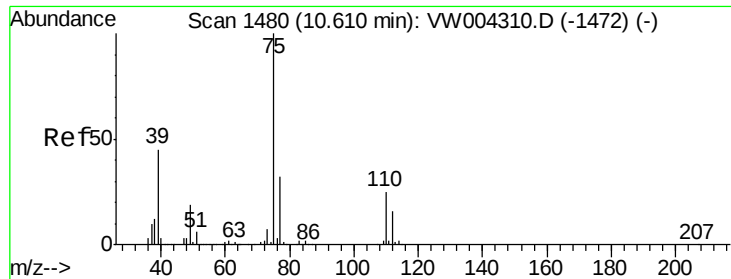
Tgt Ion: 92 Resp: 1129869

Ion Ratio Lower Upper

92 100

91 174.3 139.0 208.4





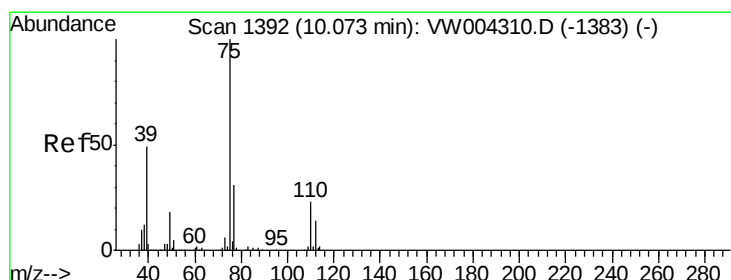
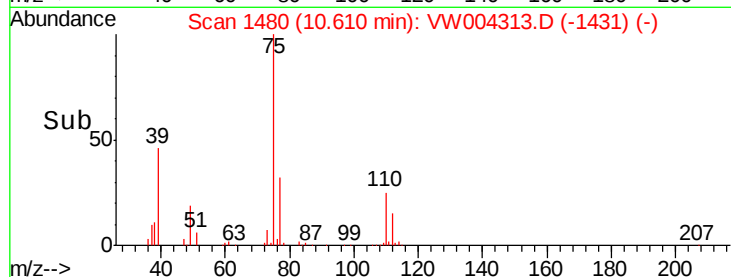
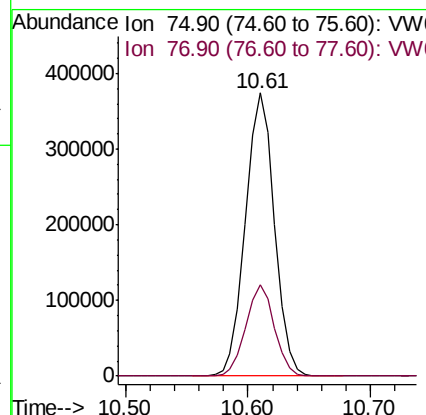
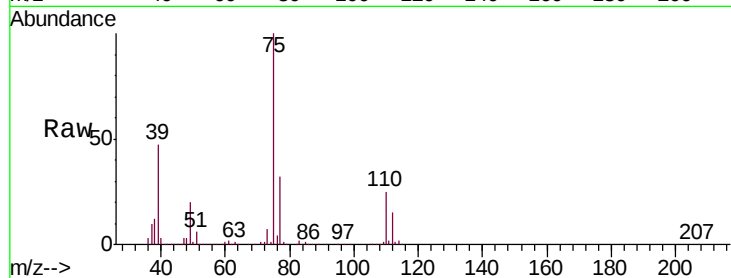
#53
t-1,3-Dichloropropene
Concen: 154.63 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VW004313.D
Acq: 29 Jul 2018 14:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.8	38.6

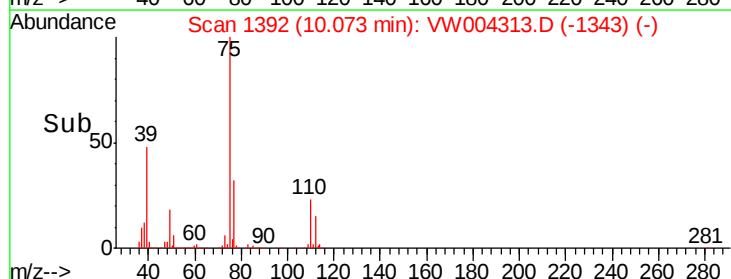
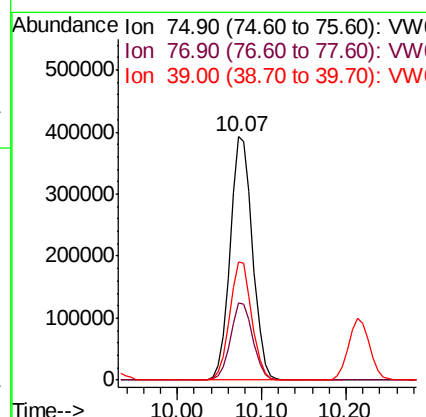
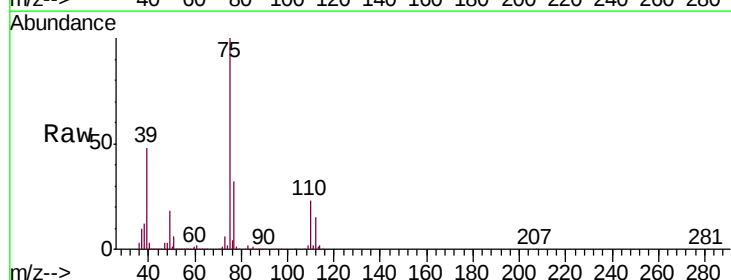
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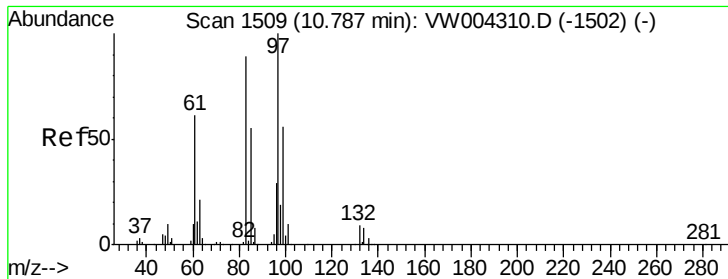
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#54
cis-1,3-Dichloropropene
Concen: 153.27 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW004313.D
Acq: 29 Jul 2018 14:21

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.0	37.4
39	48.3	39.0	58.6





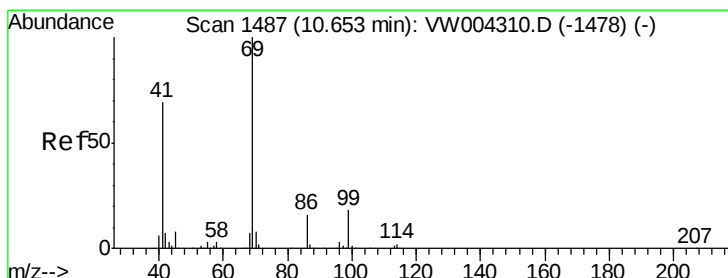
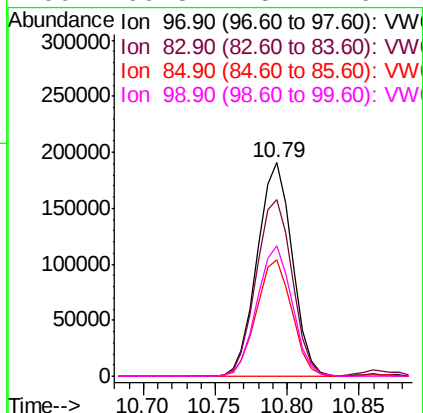
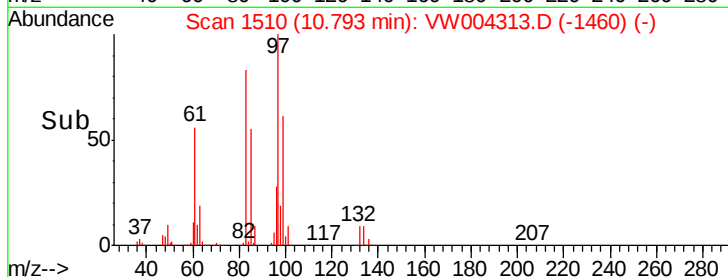
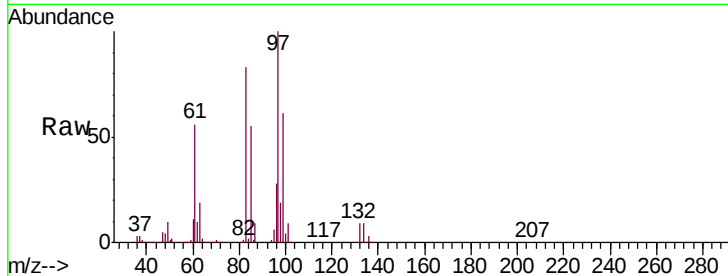
#55
 1,1,2-Trichloroethane
 Concen: 144.17 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: VW004313.D
 Acq: 29 Jul 2018 14:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion:	97	Resp:	321088
Ion	Ratio	Lower	Upper
97	100		
83	82.6	70.8	106.2
85	54.6	43.7	65.5
99	60.8	45.1	67.7

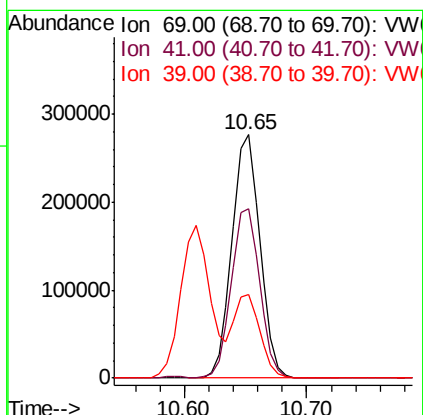
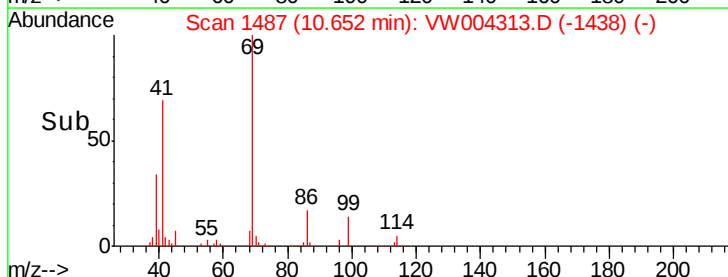
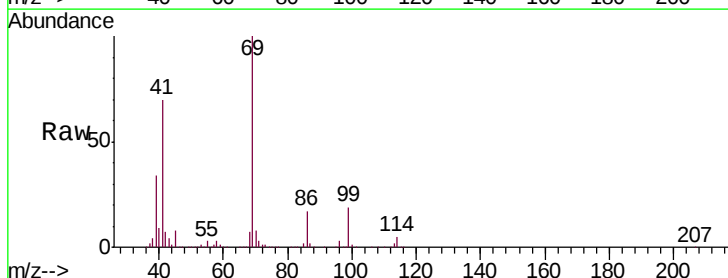
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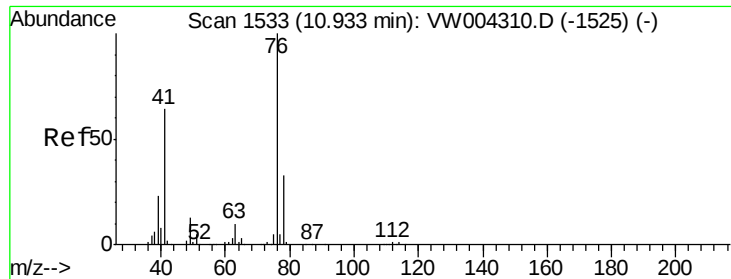
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#56
 Ethyl methacrylate
 Concen: 162.25 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VW004313.D
 Acq: 29 Jul 2018 14:21

Tgt Ion:	69	Resp:	437286
Ion	Ratio	Lower	Upper
69	100		
41	70.2	54.7	82.1
39	31.4	24.4	36.6





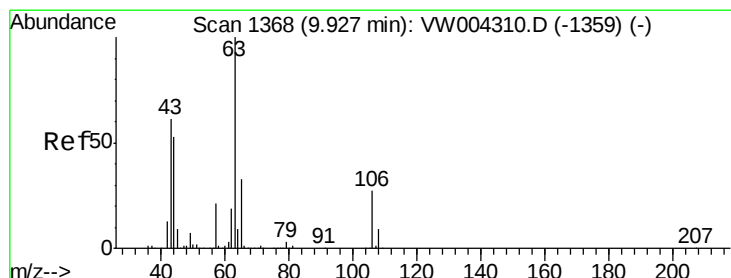
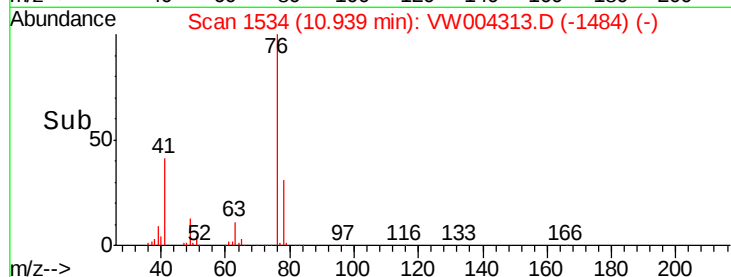
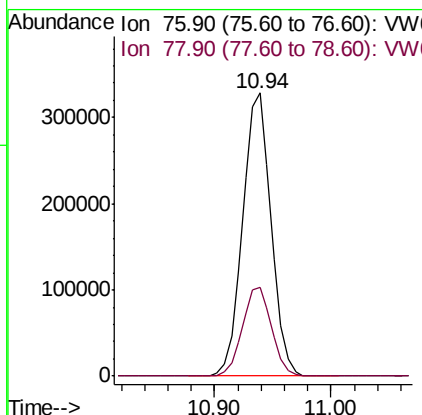
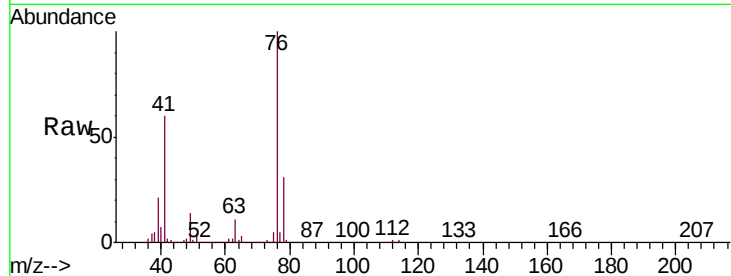
#57
 1,3-Dichloropropane
 Concen: 146.71 ug/l
 RT: 10.94 min Scan# 1534
 Delta R.T. 0.01 min
 Lab File: VW004313.D
 Acq: 29 Jul 2018 14:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.6	38.4

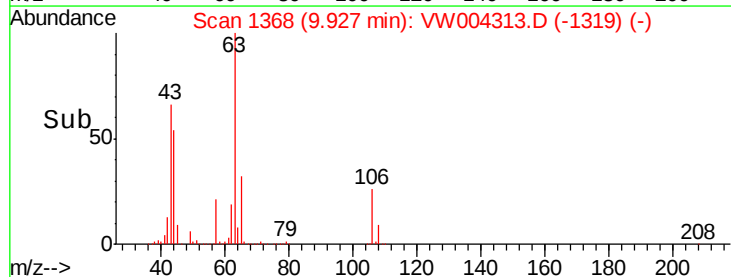
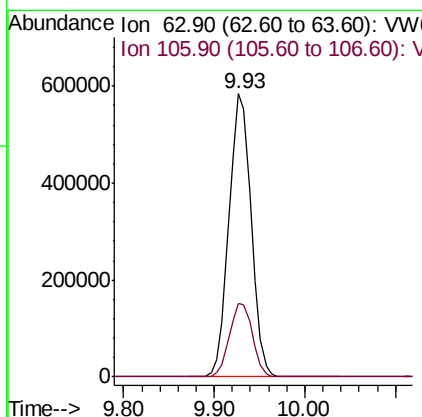
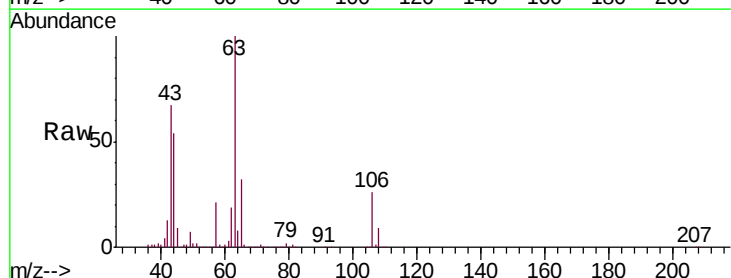
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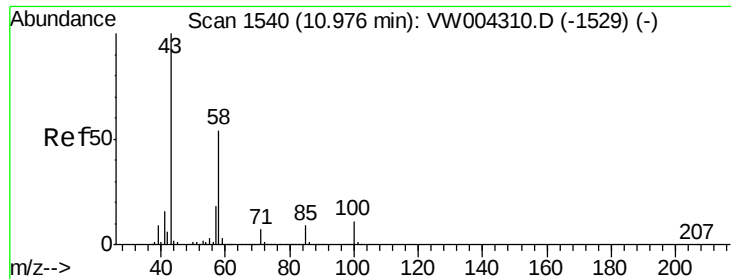
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#58
 2-Chloroethyl Vinyl ether
 Concen: 828.30 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VW004313.D
 Acq: 29 Jul 2018 14:21

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.9	21.9	32.9





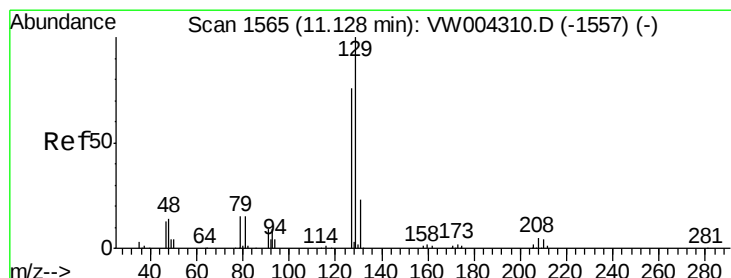
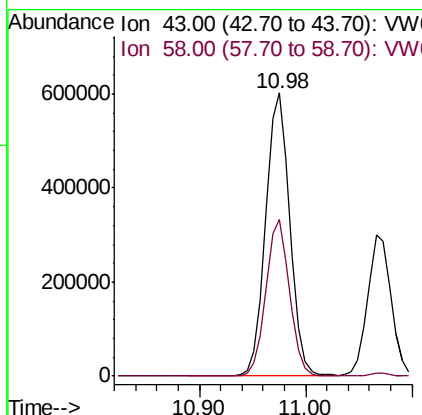
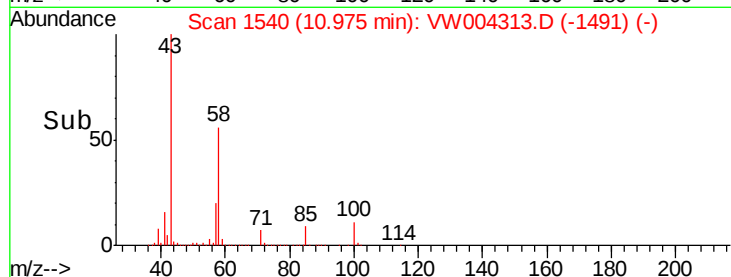
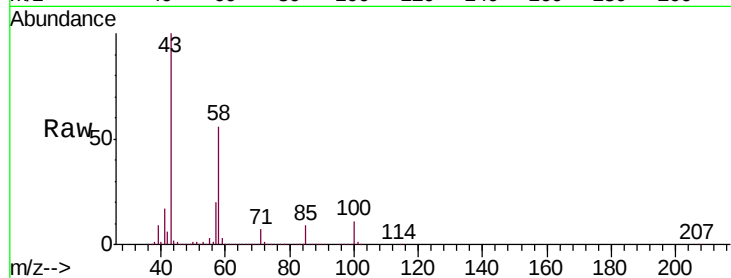
#59
2-Hexanone
Concen: 783.02 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.00 min
Lab File: VW004313.D
Acq: 29 Jul 2018 14:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 955630
Ion Ratio Lower Upper
43 100
58 54.3 26.5 79.4

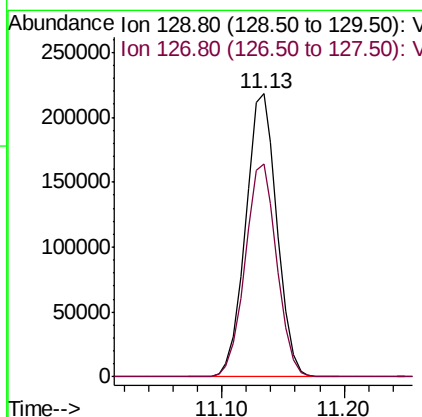
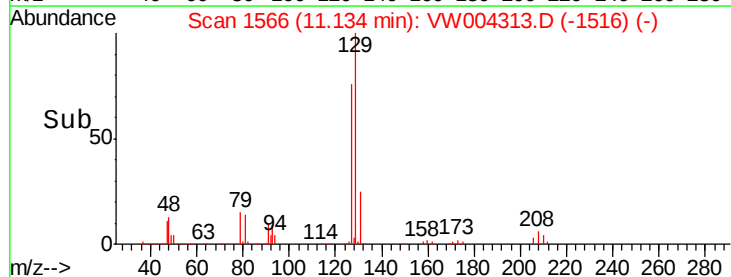
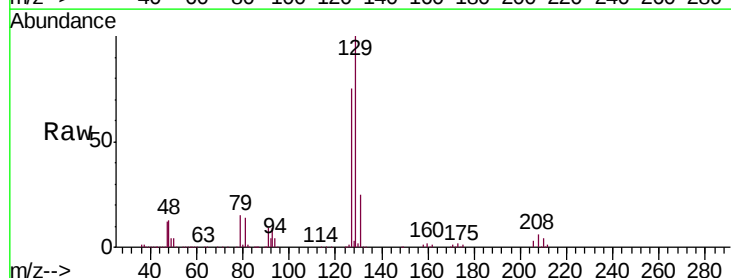
Manual Integrations
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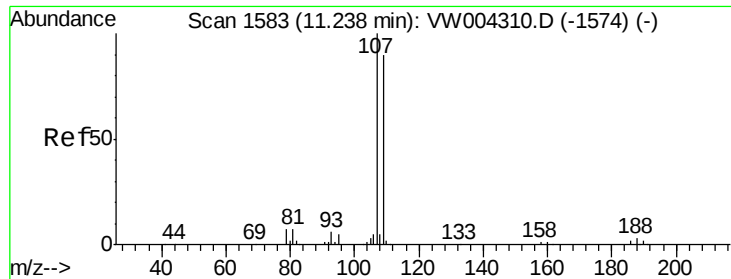
apatel
7/30/2018 10:32:42 AM



#60
Dibromochloromethane
Concen: 145.35 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VW004313.D
Acq: 29 Jul 2018 14:21

Tgt Ion: 129 Resp: 387341
Ion Ratio Lower Upper
129 100
127 76.2 38.9 116.7





#61

1,2-Dibromoethane

Concen: 143.54 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW004313.D

Acq: 29 Jul 2018 14:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 107 Resp: 304845

Ion Ratio Lower Upper

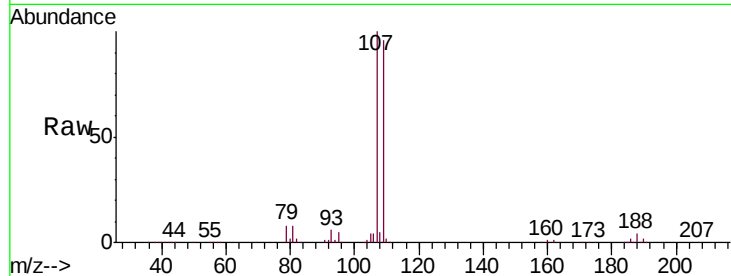
107 100

109 95.8 74.6 112.0

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

200000

150000

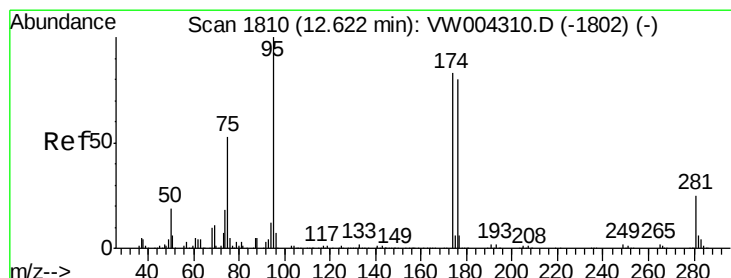
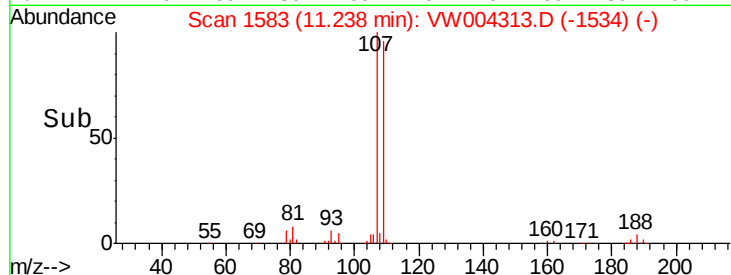
100000

50000

0

11.20 11.30

Time-->



#62

4-Bromofluorobenzene

Concen: 149.68 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004313.D

Acq: 29 Jul 2018 14:21

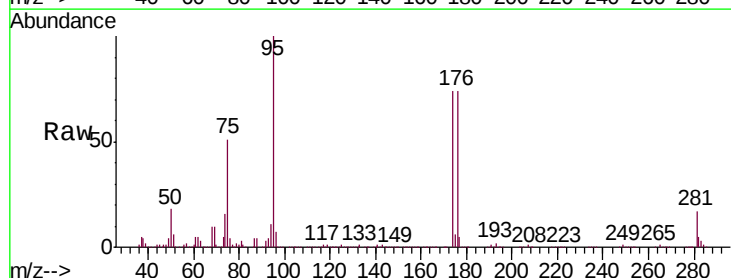
Tgt Ion: 95 Resp: 576989

Ion Ratio Lower Upper

95 100

174 81.9 0.0 167.8

176 80.2 0.0 162.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

500000

400000

300000

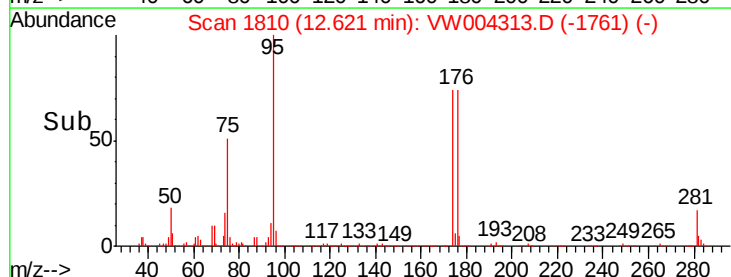
200000

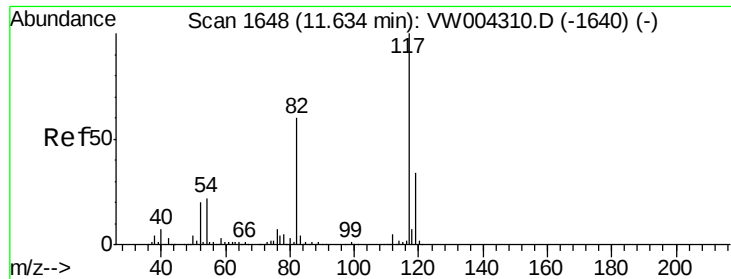
100000

0

12.60 12.70

Time-->





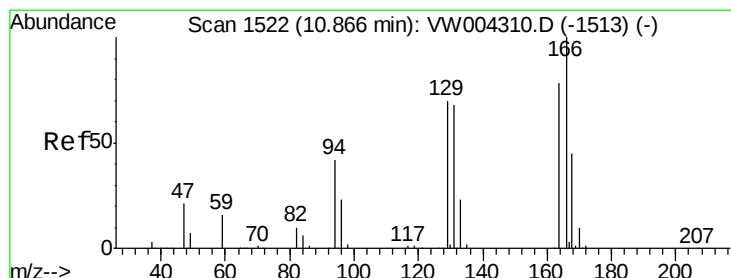
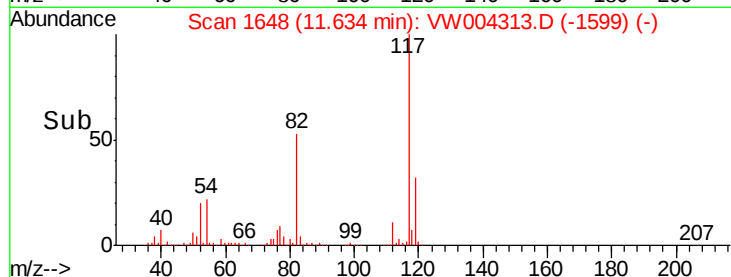
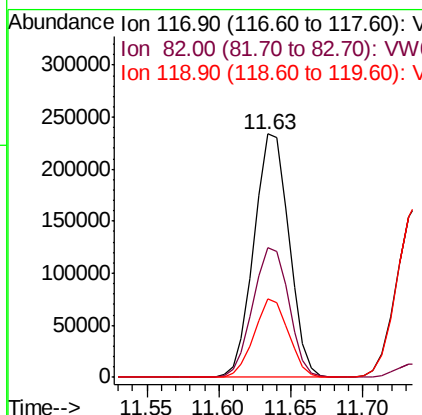
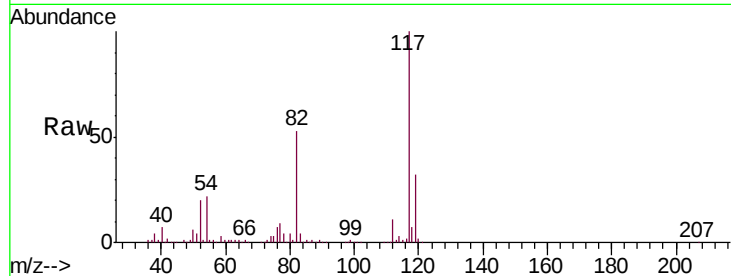
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. -0.00 min
Lab File: VW004313.D
Acq: 29 Jul 2018 14:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	47.9	71.9
119	32.4	27.1	40.7

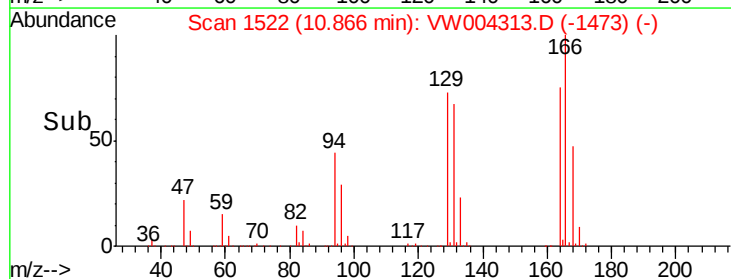
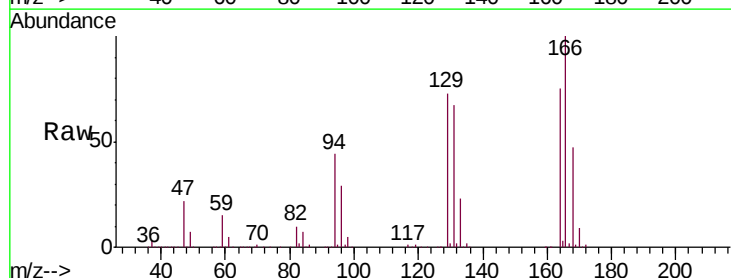
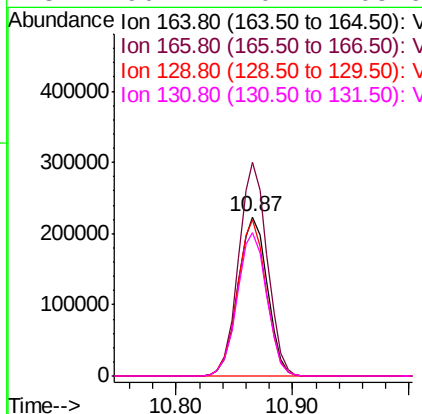
Manual Integrations
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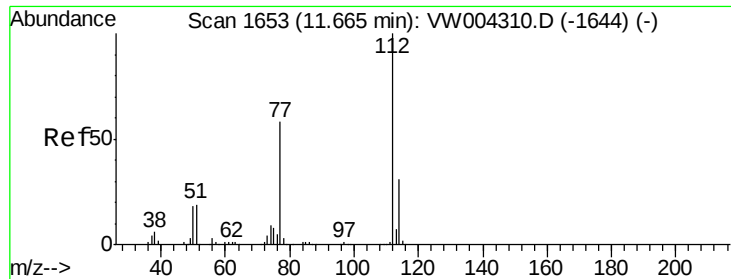
apatel
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#64
Tetrachloroethene
Concen: 136.12 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VW004313.D
Acq: 29 Jul 2018 14:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	134.2	103.2	154.8
129	97.8	72.1	108.1
131	90.1	70.4	105.6





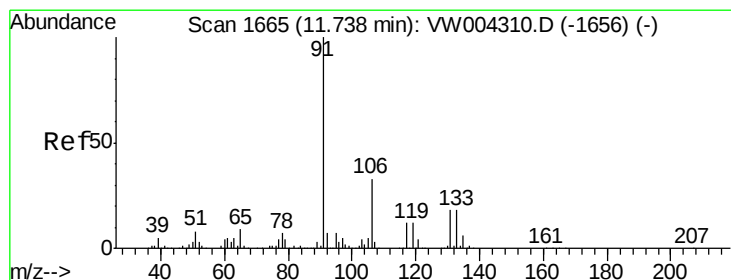
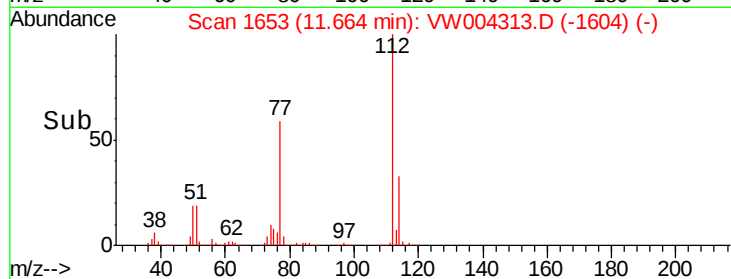
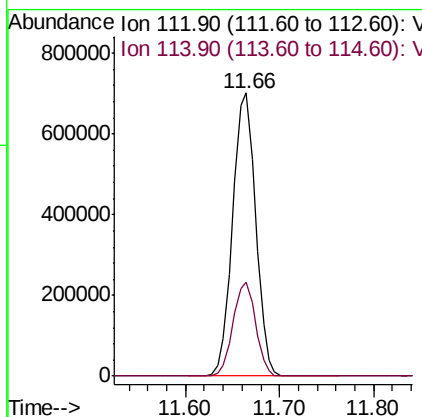
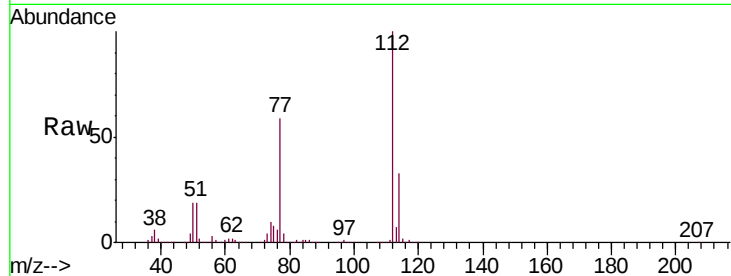
#65
Chlorobenzene
Concen: 144.03 ug/l
RT: 11.66 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VW004313.D
Acq: 29 Jul 2018 14:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion:112 Resp: 1192503
Ion Ratio Lower Upper
112 100
114 33.0 24.7 37.1

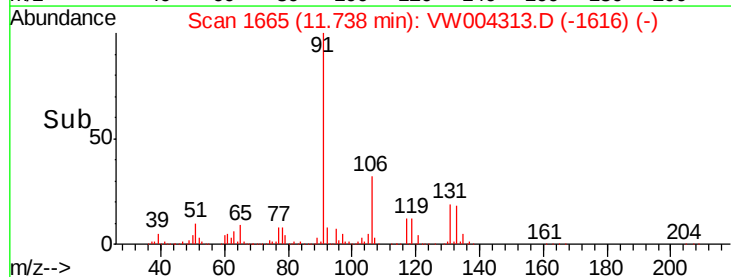
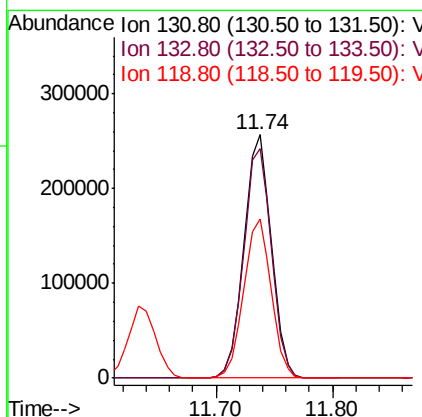
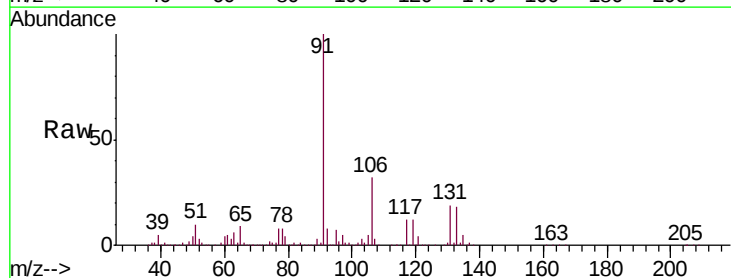
Manual Integrations
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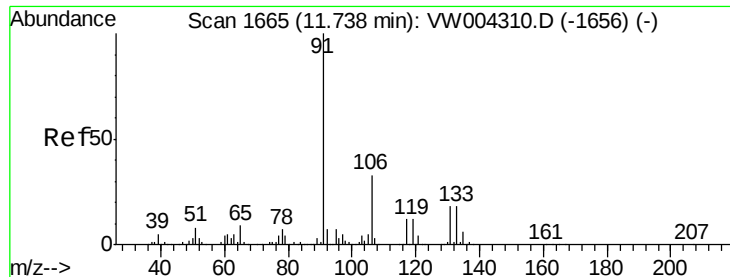
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#66
1,1,1,2-Tetrachloroethane
Concen: 144.75 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VW004313.D
Acq: 29 Jul 2018 14:21

Tgt Ion:131 Resp: 422676
Ion Ratio Lower Upper
131 100
133 95.9 48.6 145.9
119 65.5 33.1 99.5





#67

Ethyl Benzene

Concen: 149.31 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VW004313.D

Acq: 29 Jul 2018 14:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 2154793

Ion Ratio Lower Upper

91 100

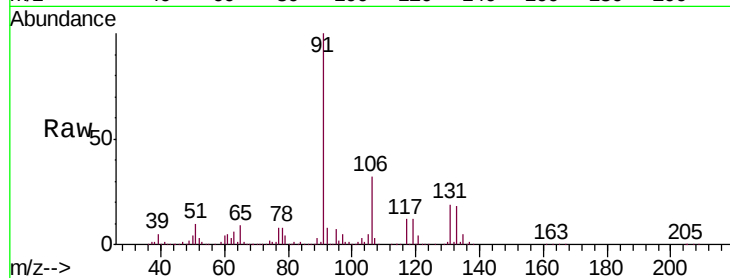
106 31.9 26.1 39.1

Manual Integrations

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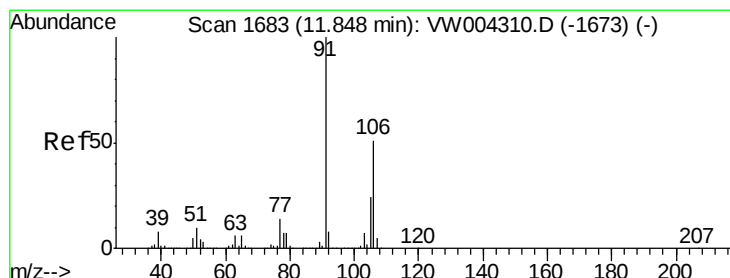
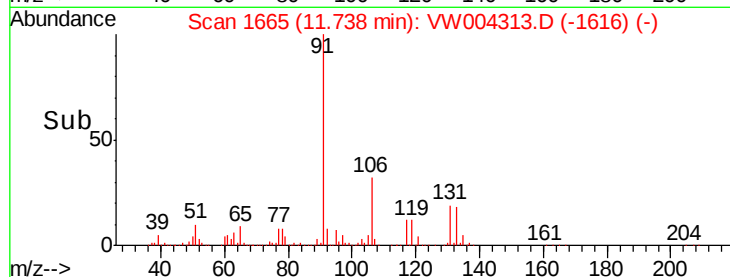
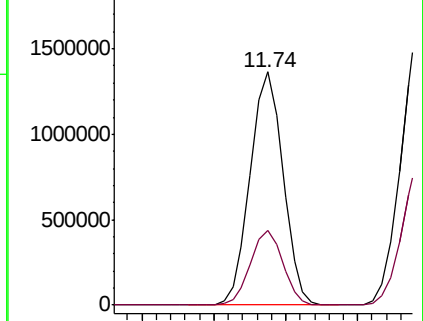
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 296.63 ug/l

RT: 11.85 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VW004313.D

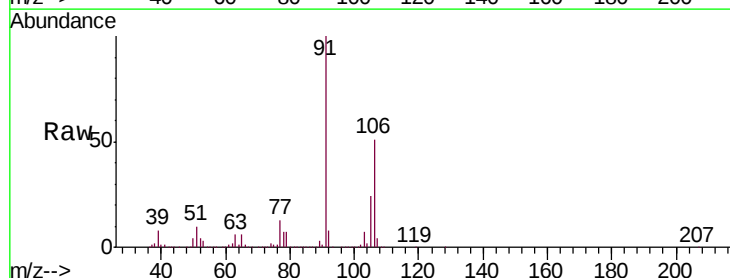
Acq: 29 Jul 2018 14:21

Tgt Ion:106 Resp: 1647364

Ion Ratio Lower Upper

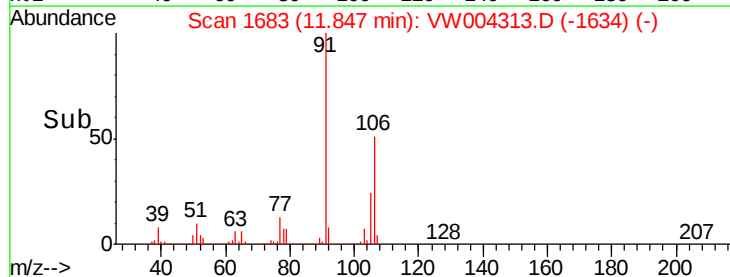
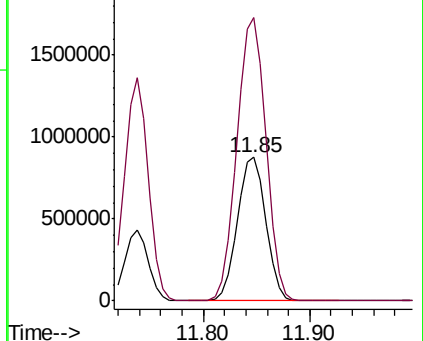
106 100

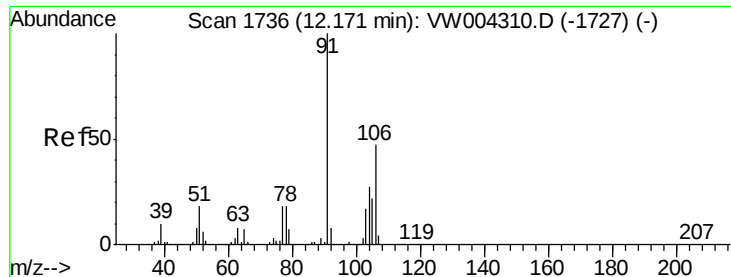
91 201.4 162.2 243.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





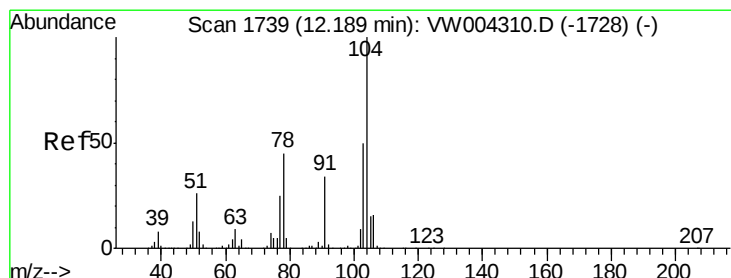
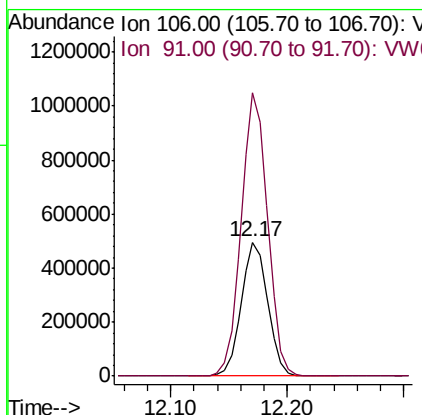
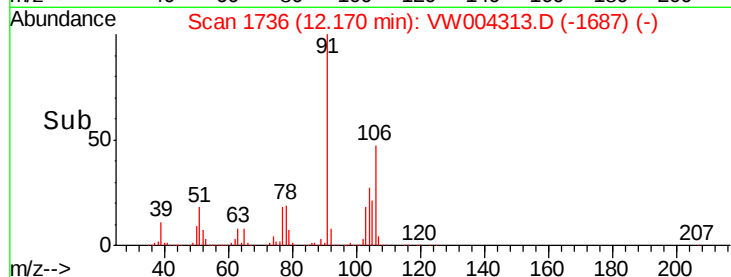
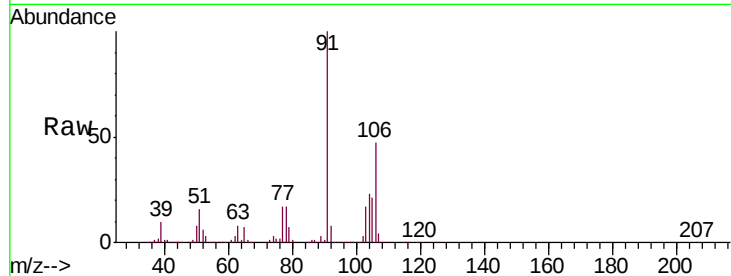
#69
o-Xylene
Concen: 152.63 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. -0.00 min
Lab File: VW004313.D
Acq: 29 Jul 2018 14:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion:106 Resp: 783174
Ion Ratio Lower Upper
106 100
91 211.5 108.7 326.1

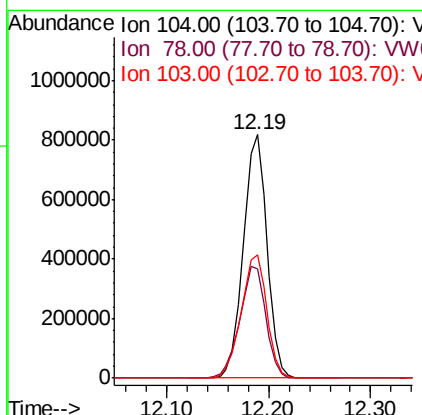
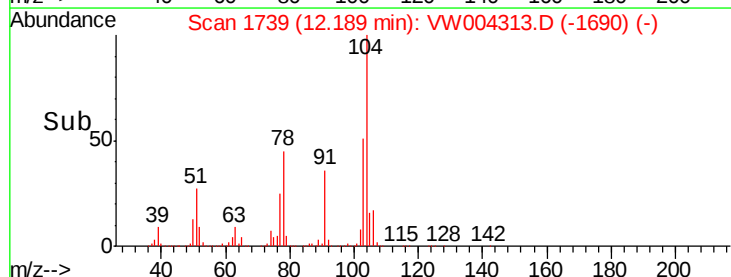
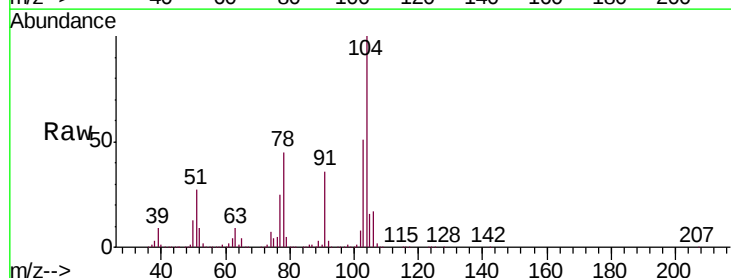
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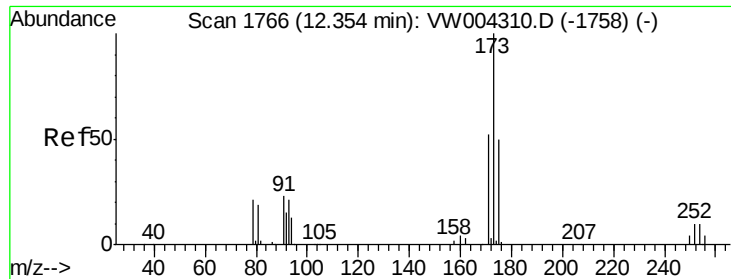
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#70
Styrene
Concen: 151.70 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VW004313.D
Acq: 29 Jul 2018 14:21

Tgt Ion:104 Resp: 1315136
Ion Ratio Lower Upper
104 100
78 50.0 40.9 61.3
103 54.9 45.0 67.6





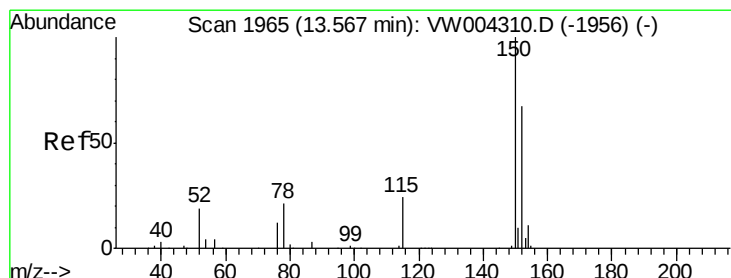
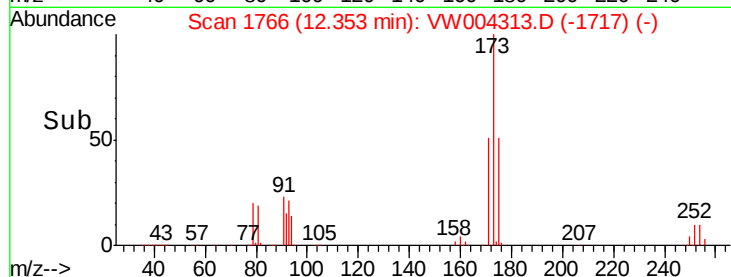
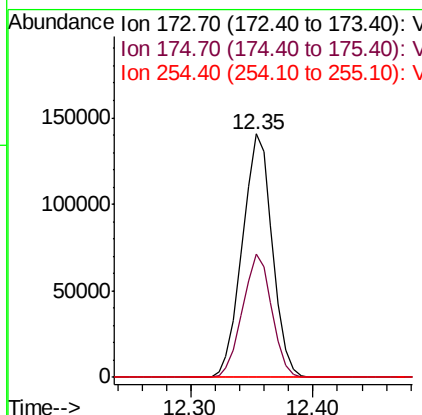
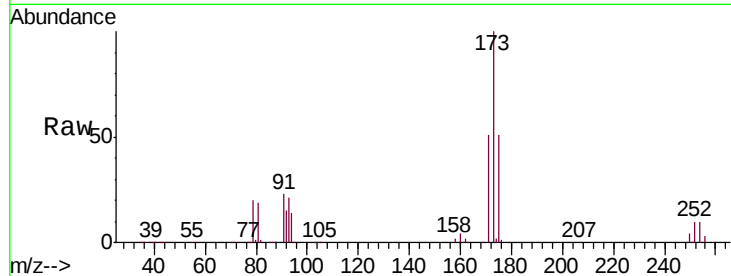
#71
Bromoform
Concen: 146.14 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. -0.00 min
Lab File: VW004313.D
Acq: 29 Jul 2018 14:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.5	73.5
254	0.0	0.2	0.2

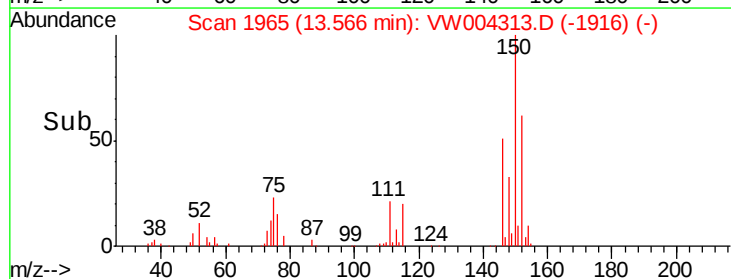
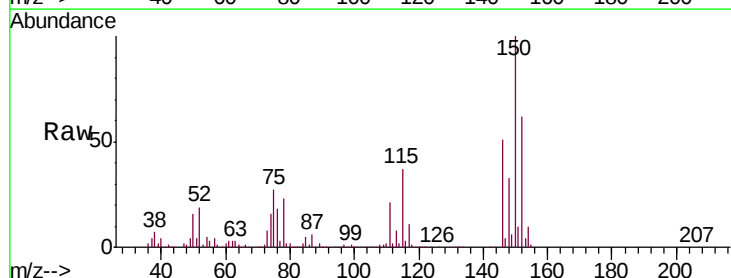
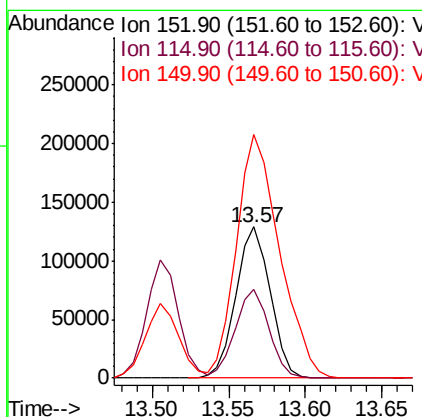
Manual Integrations
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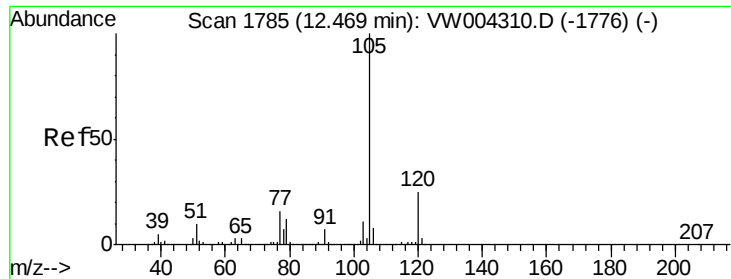
apatel
7/30/2018 10:32:42 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004313.D
Acq: 29 Jul 2018 14:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.4	28.8	86.4
150	201.5	0.0	346.4





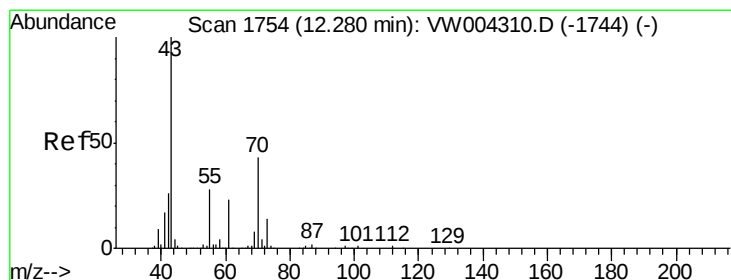
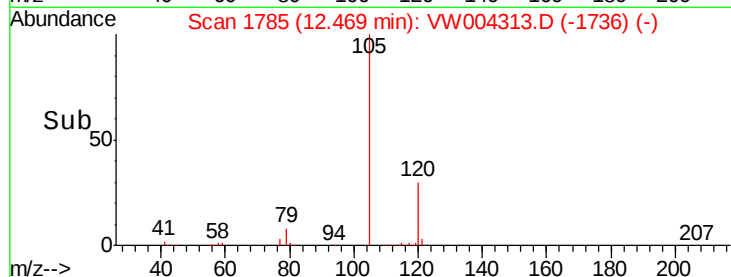
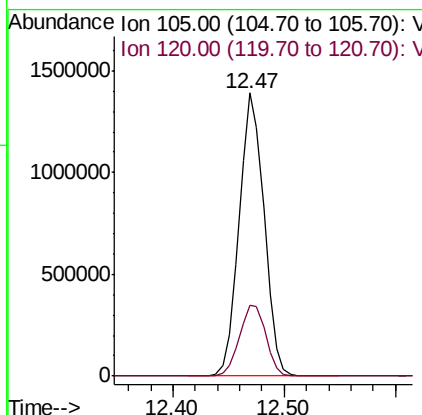
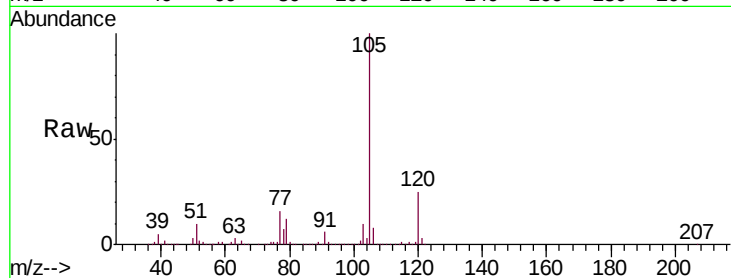
#73
Isopropylbenzene
Concen: 154.67 ug/l
RT: 12.47 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VW004313.D
Acq: 29 Jul 2018 14:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion:105 Resp: 2155342
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.6

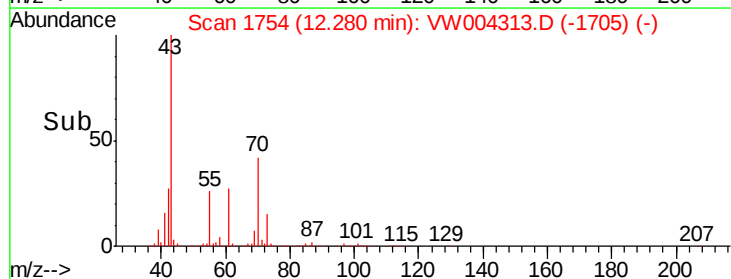
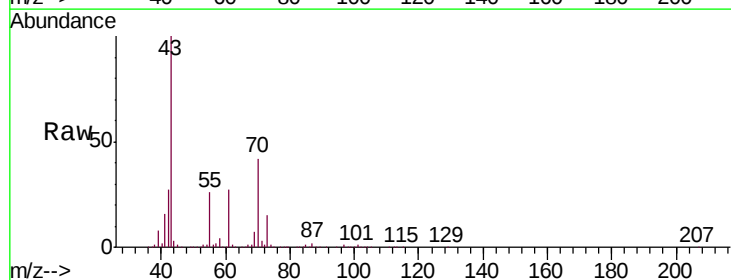
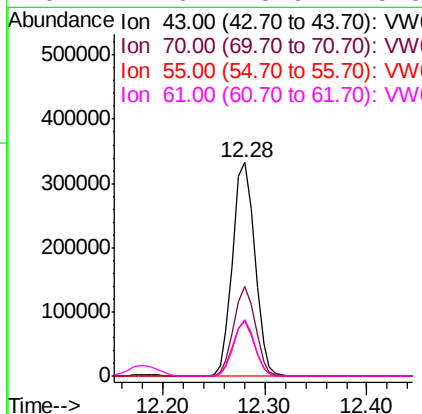
Manual Integrations
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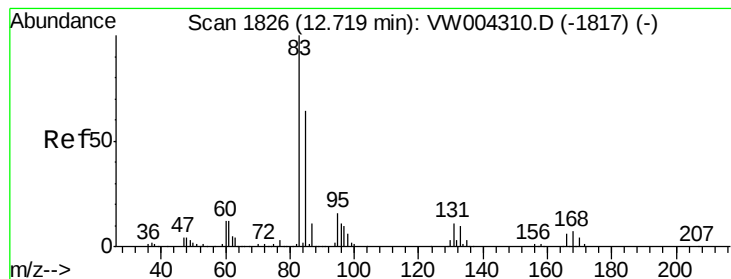
apatel
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#74
N-ethyl acetate
Concen: 165.97 ug/l
RT: 12.28 min Scan# 1754
Delta R.T. -0.00 min
Lab File: VW004313.D
Acq: 29 Jul 2018 14:21

Tgt Ion: 43 Resp: 501158
Ion Ratio Lower Upper
43 100
70 40.8 34.2 51.4
55 24.9 21.8 32.8
61 24.6 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 150.30 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW004313.D

Acq: 29 Jul 2018 14:21

Instrument :

MSVOA_W

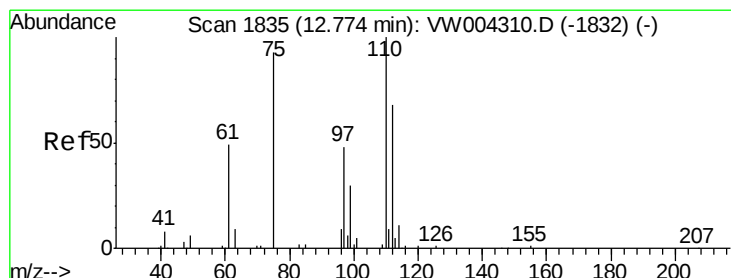
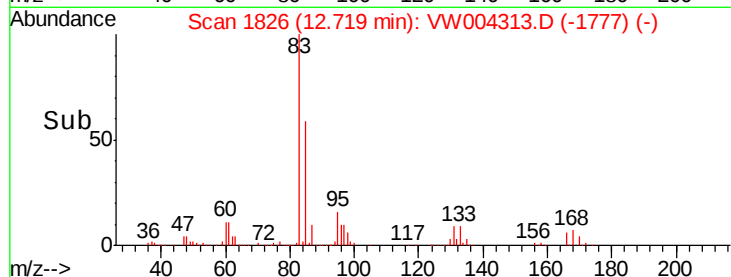
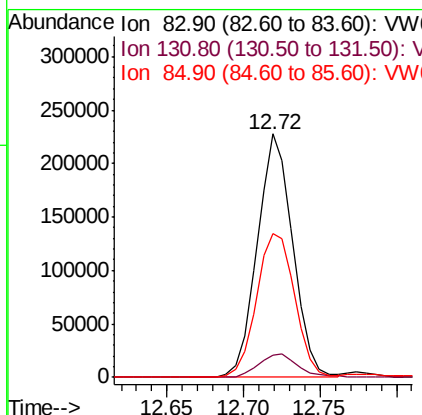
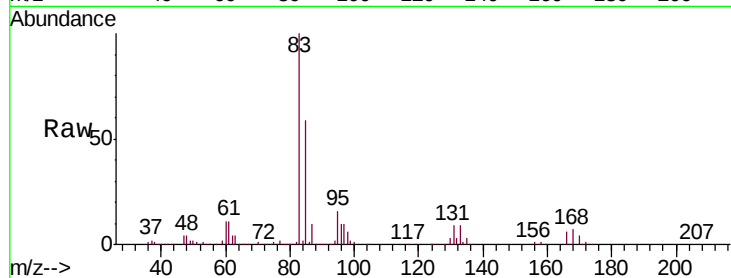
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	366886
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.5	16.4
85	63.6	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 84.20 ug/l m

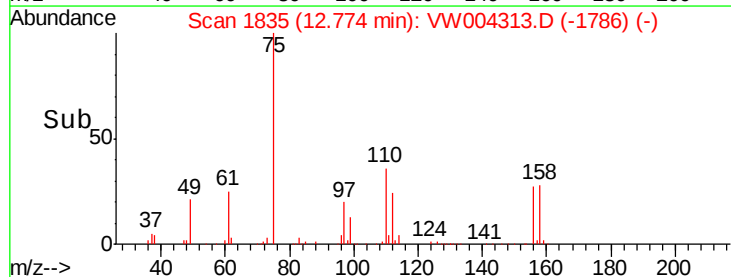
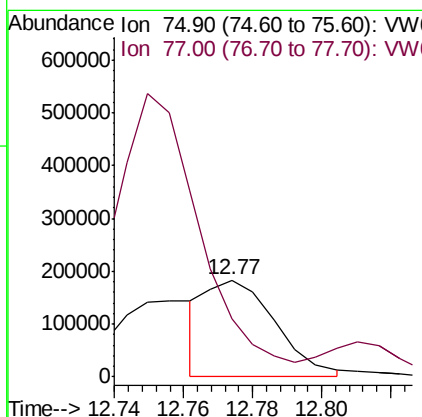
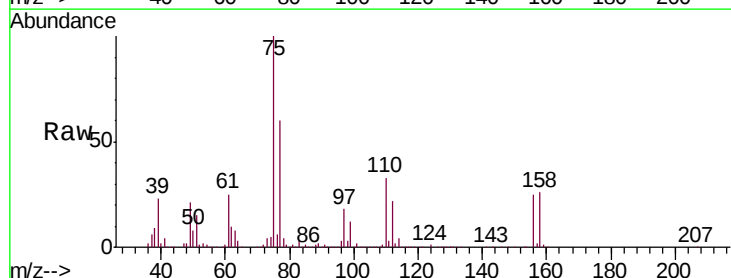
RT: 12.77 min Scan# 1835

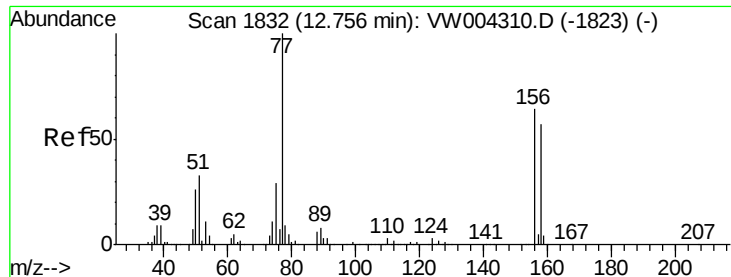
Delta R.T. -0.00 min

Lab File: VW004313.D

Acq: 29 Jul 2018 14:21

Tgt Ion:	75	Resp:	257901
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 147.87 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VW004313.D

Acq: 29 Jul 2018 14:21

Instrument :

MSVOA_W

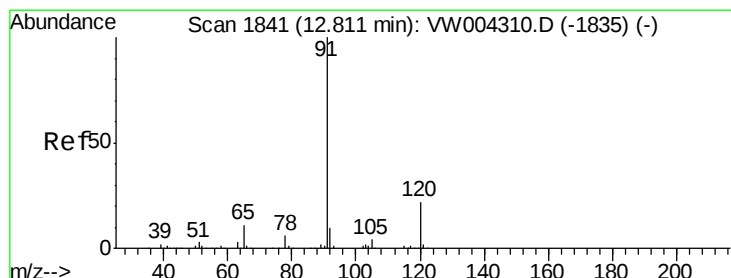
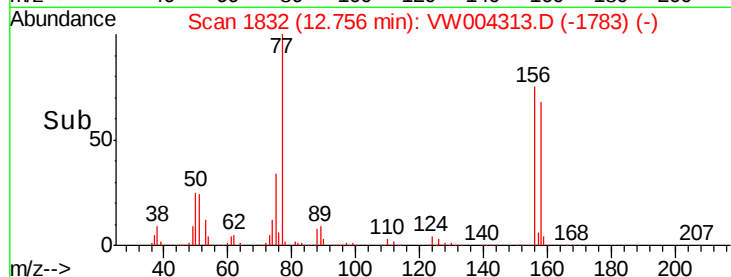
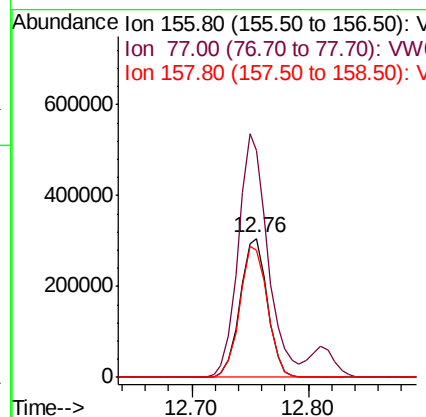
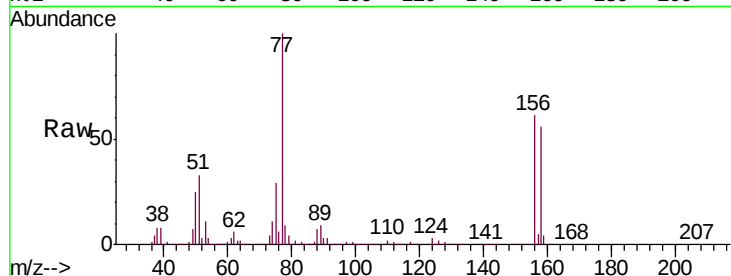
ClientSampled :

VSTDIC150

Tot Ion:	156	Resp:	497855
Ion Ratio	Lower	Upper	
156	100		
77	190.1	92.9	278.7
158	96.0	47.6	142.8

Manual Integrations
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#78

n-propylbenzene

Concen: 151.84 ug/l

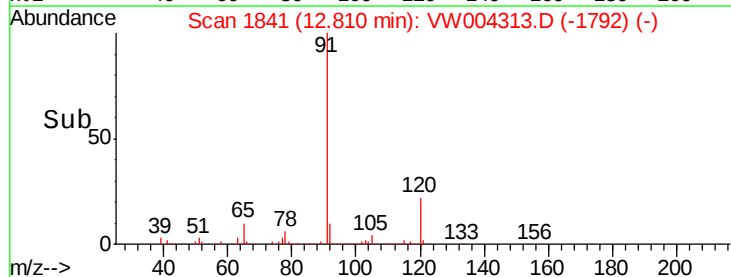
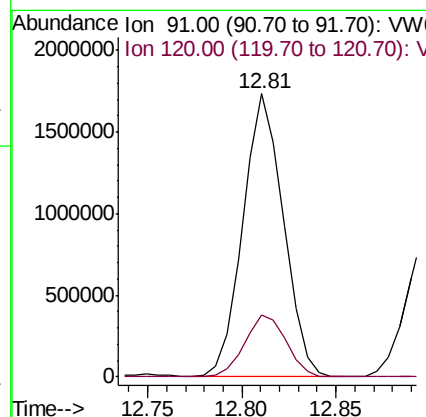
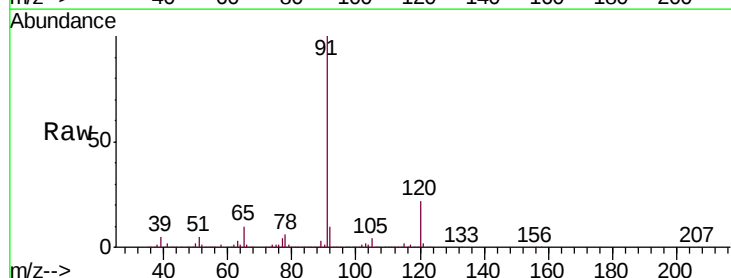
RT: 12.81 min Scan# 1841

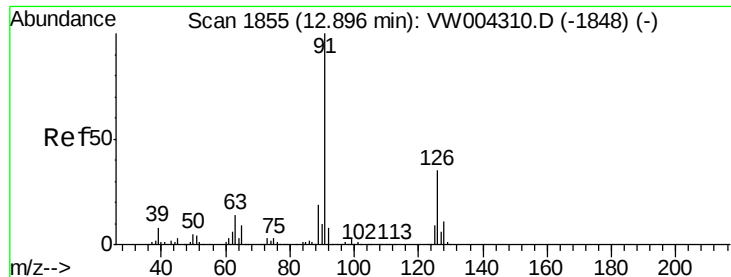
Delta R.T. -0.00 min

Lab File: VW004313.D

Acq: 29 Jul 2018 14:21

Tgt Ion:	91	Resp:	2577636
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.3	33.8





#79

2-Chlorotoluene

Concen: 148.78 ug/l

RT: 12.90 min Scan# 1856

Delta R.T. 0.01 min

Lab File: VW004313.D

Acq: 29 Jul 2018 14:21

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

Tot Ion: 91 Resp: 1444576

Ion Ratio Lower Upper

91 100

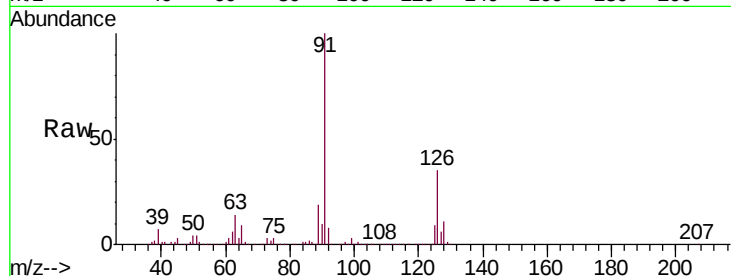
126 34.5 17.1 51.2

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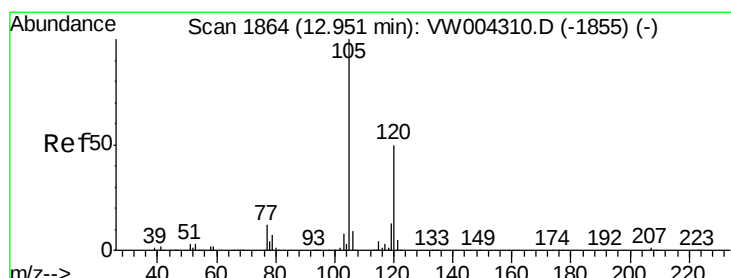
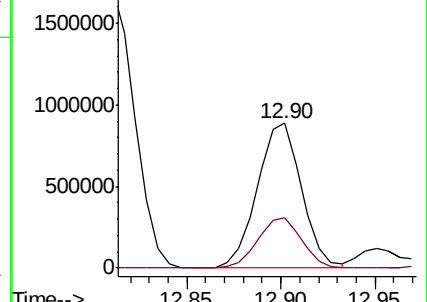
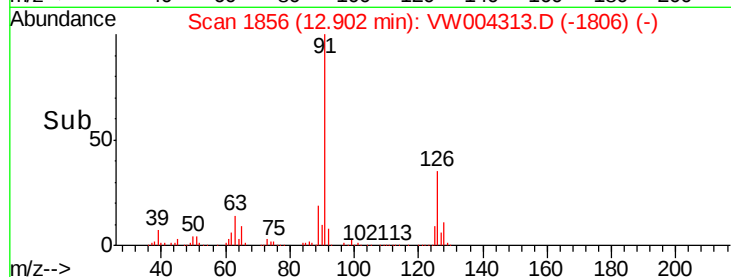
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 150.77 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW004313.D

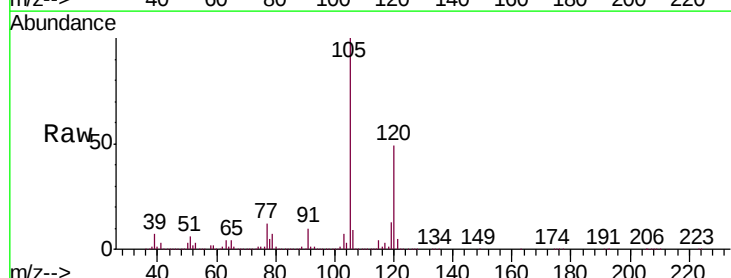
Acq: 29 Jul 2018 14:21

Tgt Ion:105 Resp: 1809913

Ion Ratio Lower Upper

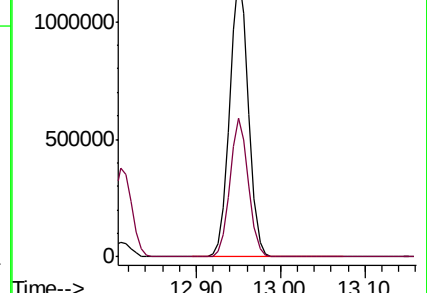
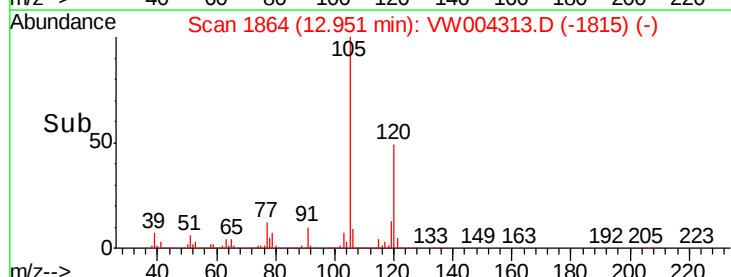
105 100

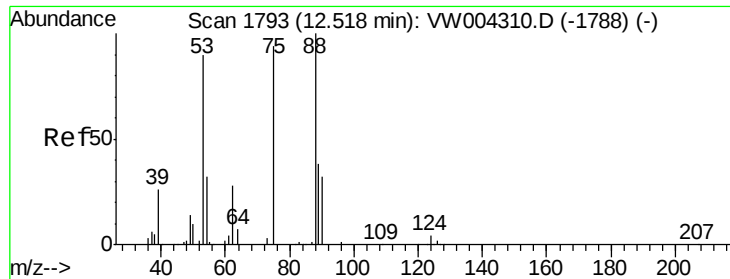
120 48.5 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





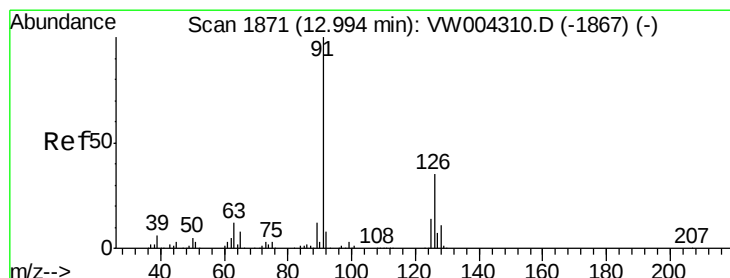
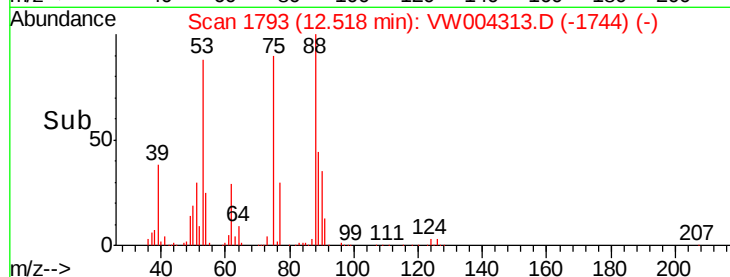
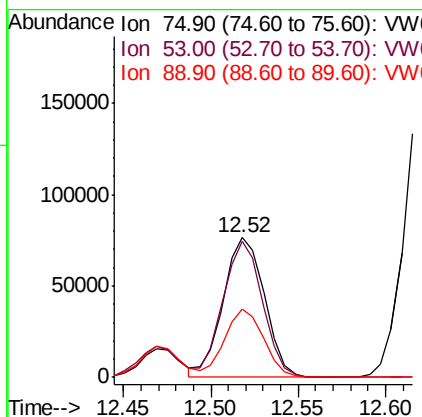
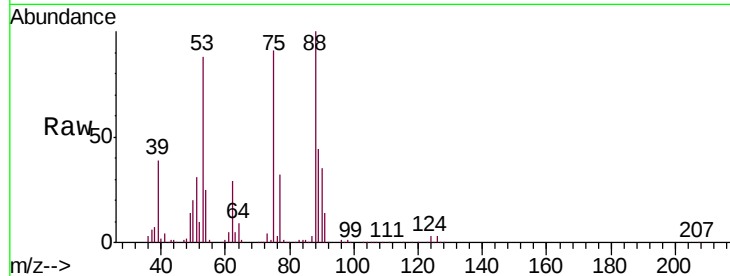
#81
trans-1,4-Dichloro-2-butene
Concen: 158.13 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VW004313.D
Acq: 29 Jul 2018 14:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.2	77.6	116.4
89	46.5	36.0	54.0

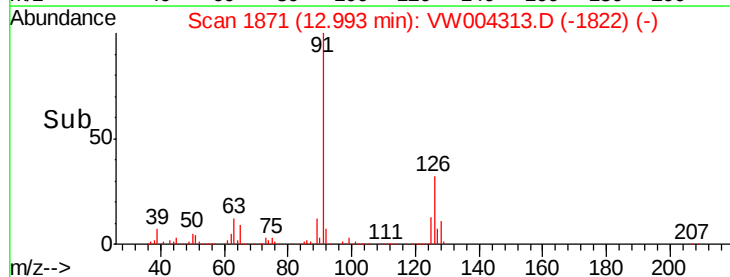
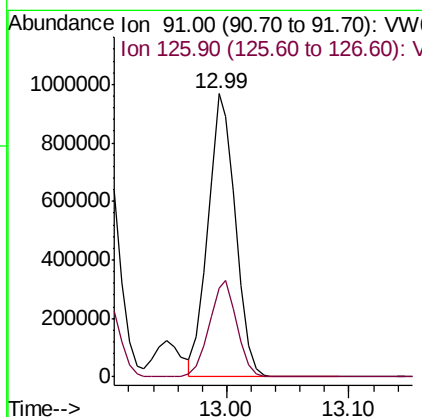
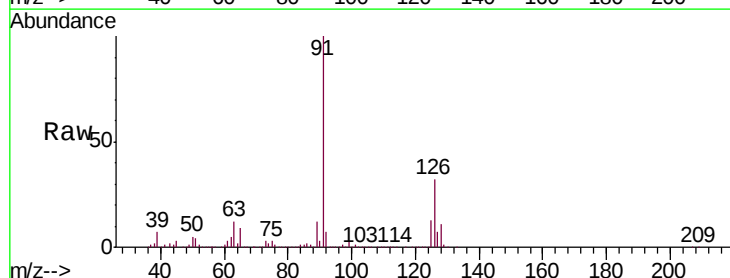
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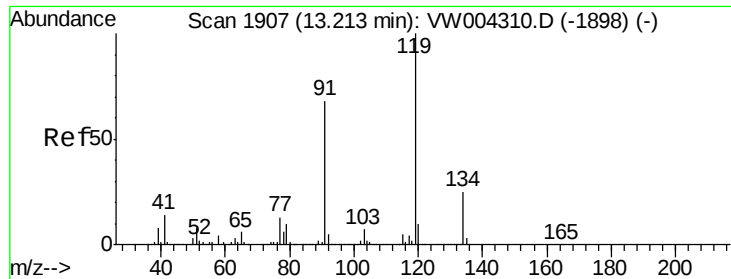
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#82
4-Chlorotoluene
Concen: 146.09 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. -0.00 min
Lab File: VW004313.D
Acq: 29 Jul 2018 14:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.2	17.4	52.3





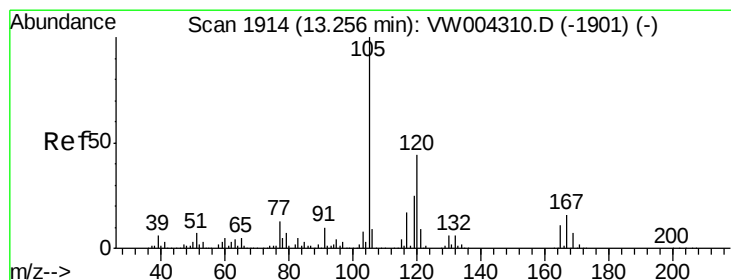
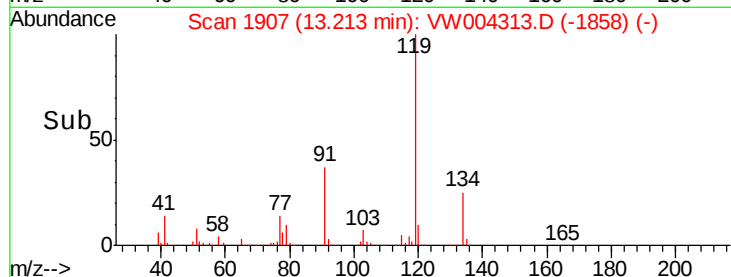
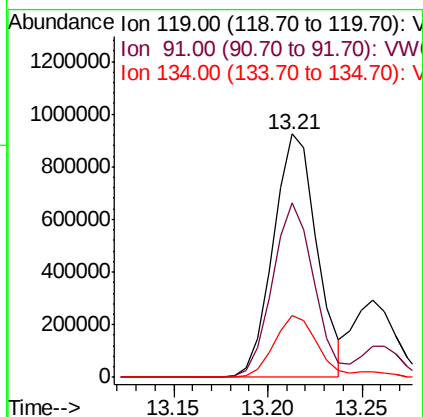
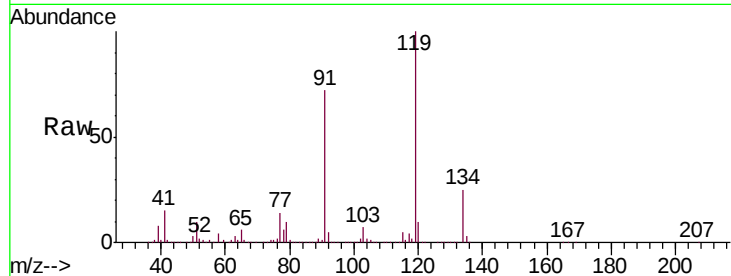
#83
 tert-Butylbenzene
 Concen: 148.45 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VW004313.D
 Acq: 29 Jul 2018 14:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.0	32.8	98.3
134	26.7	12.2	36.6

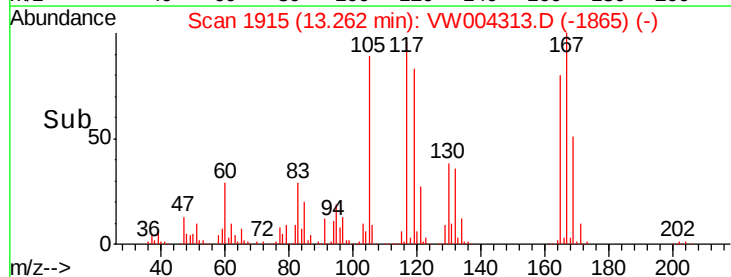
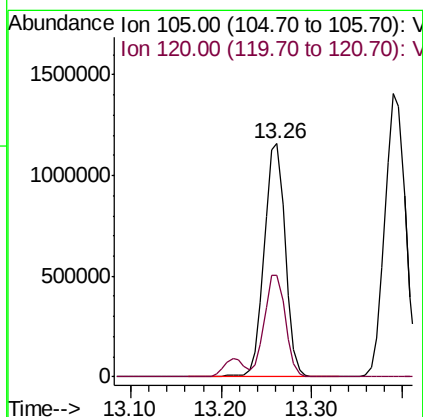
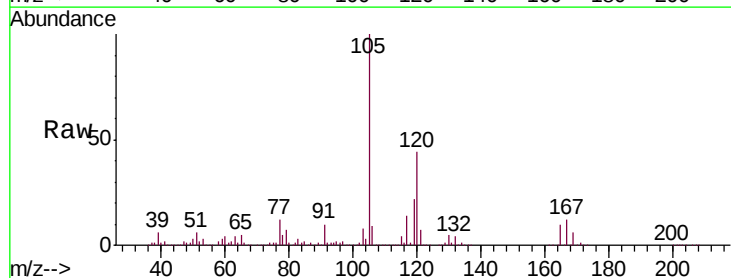
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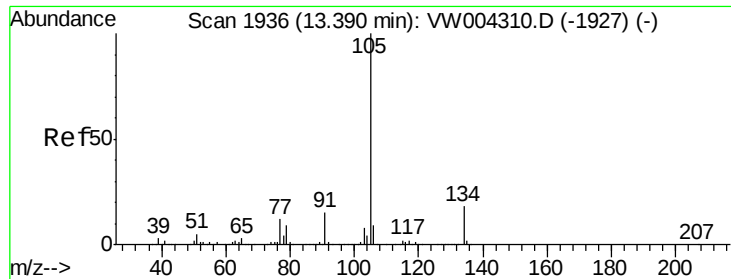
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#84
 1,2,4-Trimethylbenzene
 Concen: 151.58 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.01 min
 Lab File: VW004313.D
 Acq: 29 Jul 2018 14:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.7	68.0





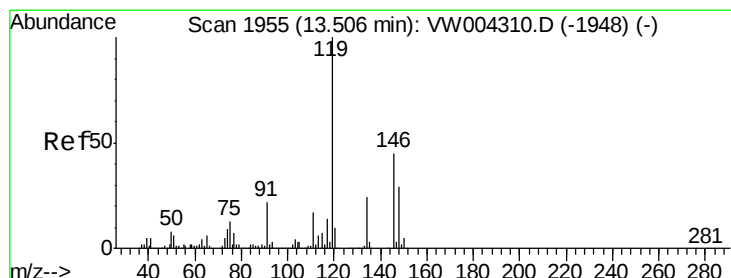
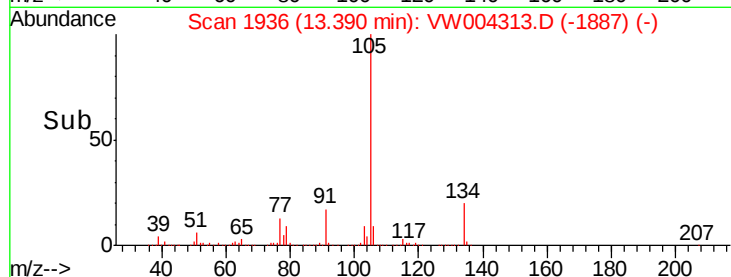
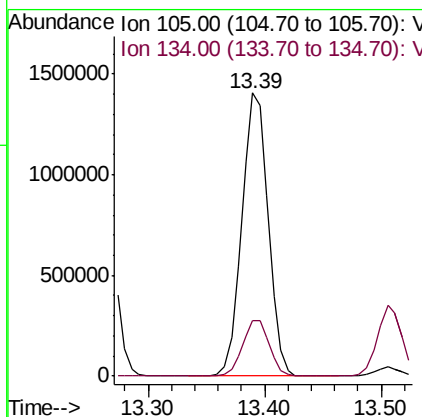
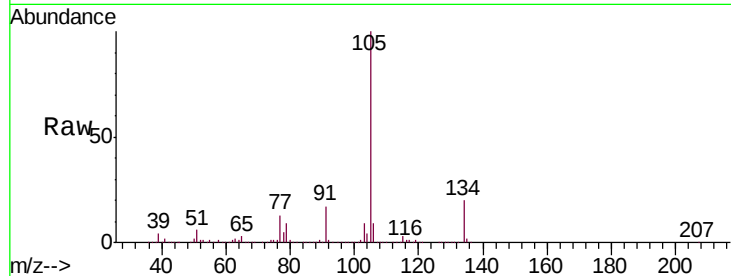
#85
 sec-Butylbenzene
 Concen: 151.84 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VW004313.D
 Acq: 29 Jul 2018 14:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion:105 Resp: 2218082
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.6 28.8

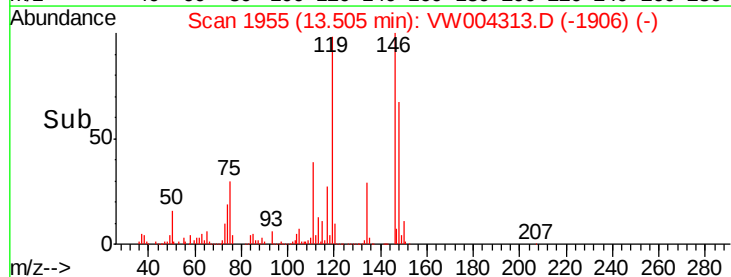
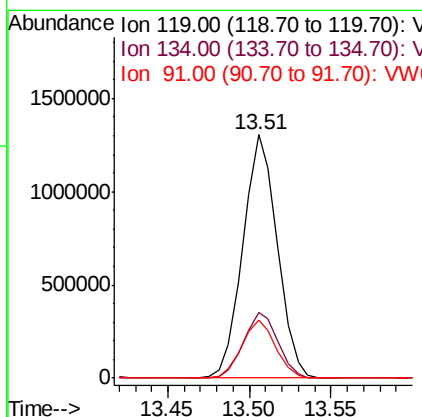
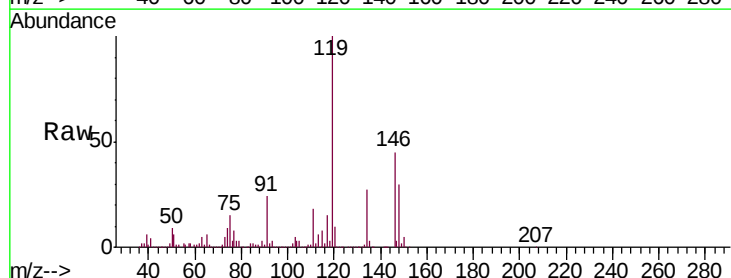
Manual Integrations
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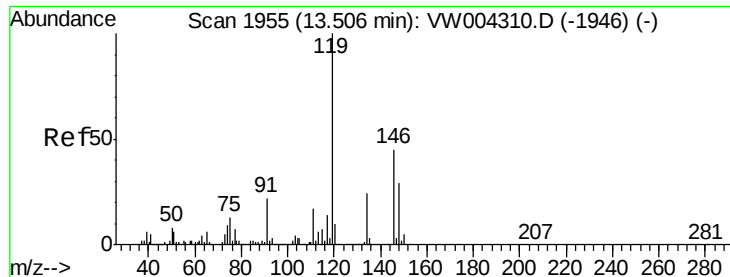
apatel
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#86
 p-Isopropyltoluene
 Concen: 145.84 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. -0.00 min
 Lab File: VW004313.D
 Acq: 29 Jul 2018 14:21

Tgt Ion:119 Resp: 1913394
 Ion Ratio Lower Upper
 119 100
 134 26.8 12.6 37.8
 91 23.4 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 140.27 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW004313.D

Acq: 29 Jul 2018 14:21

Instrument :

MSVOA_W

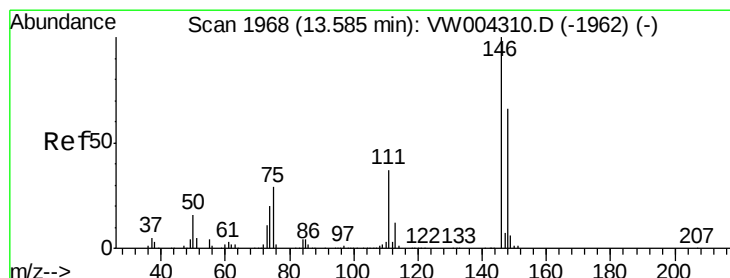
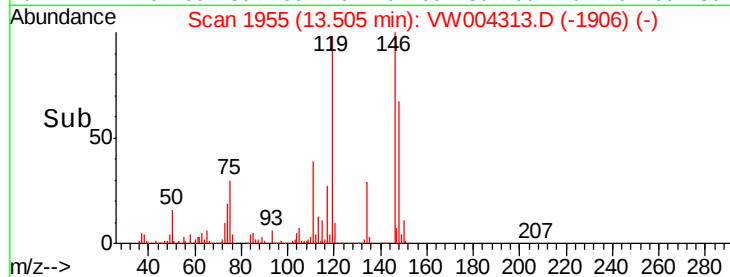
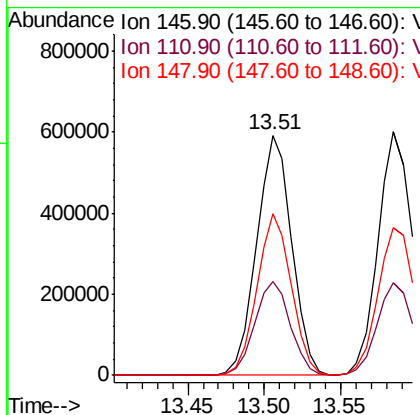
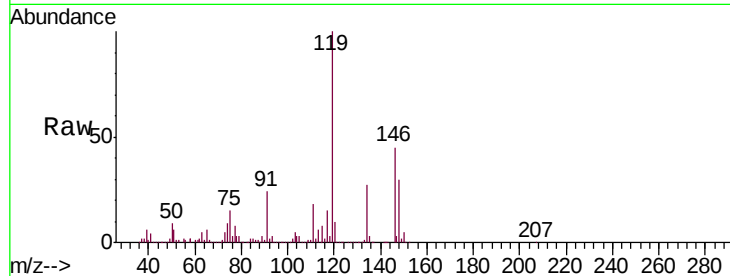
ClientSampleId :

VSTDIC150

Tot Ion:	146	Resp:	945319
Ion Ratio	Lower	Upper	
146	100		
111	39.7	19.9	59.6
148	65.7	31.9	95.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 139.68 ug/l

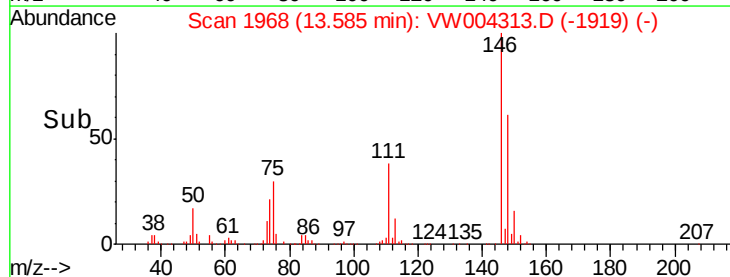
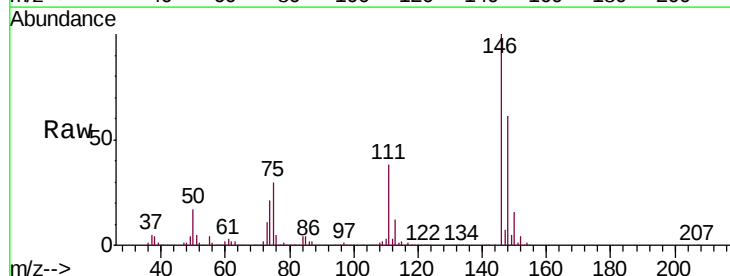
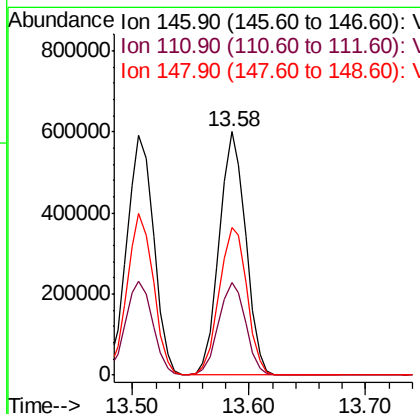
RT: 13.58 min Scan# 1968

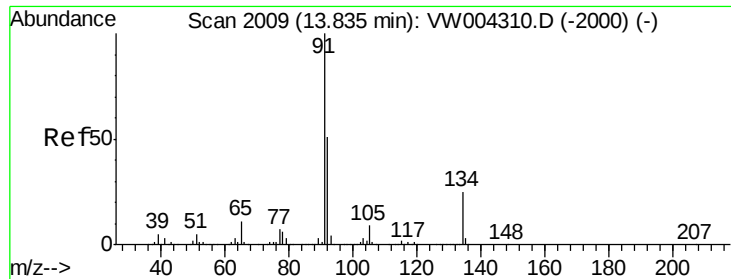
Delta R.T. -0.00 min

Lab File: VW004313.D

Acq: 29 Jul 2018 14:21

Tgt Ion:	146	Resp:	939190
Ion Ratio	Lower	Upper	
146	100		
111	38.7	19.4	58.1
148	63.7	32.8	98.3





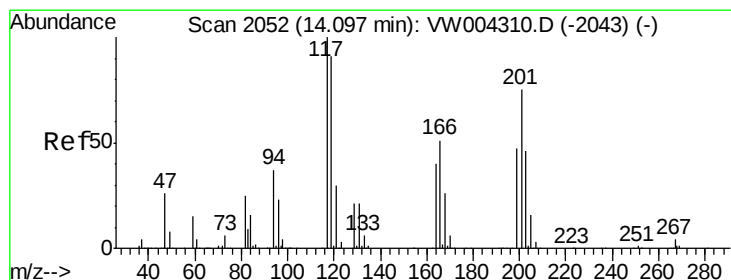
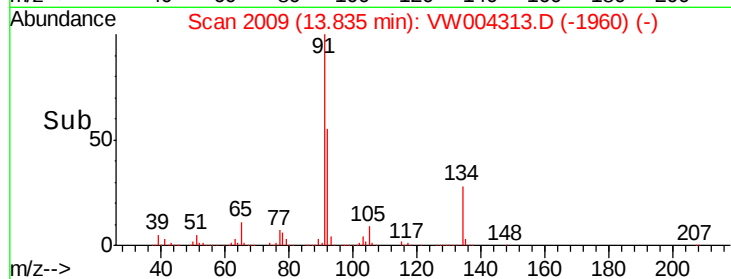
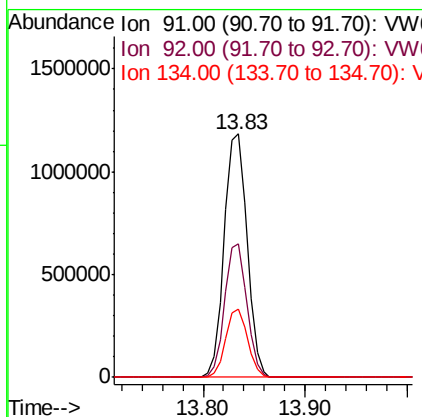
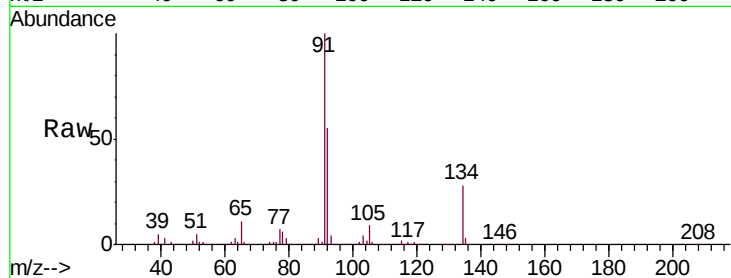
#89
n-Butylbenzene
Concen: 150.38 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. -0.00 min
Lab File: VW004313.D
Acq: 29 Jul 2018 14:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 1842378
Ion Ratio Lower Upper
91 100
92 53.0 26.4 79.2
134 26.6 12.9 38.6

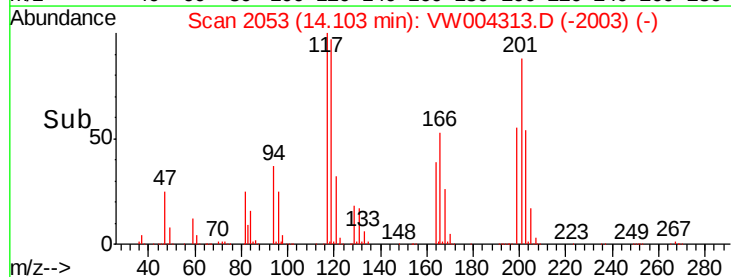
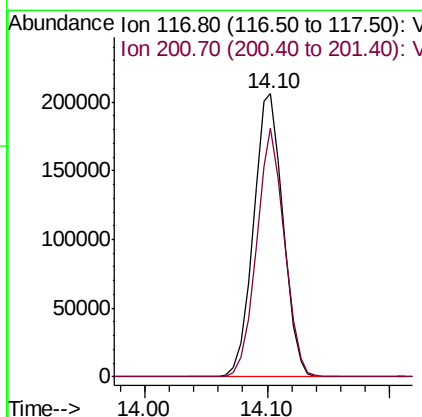
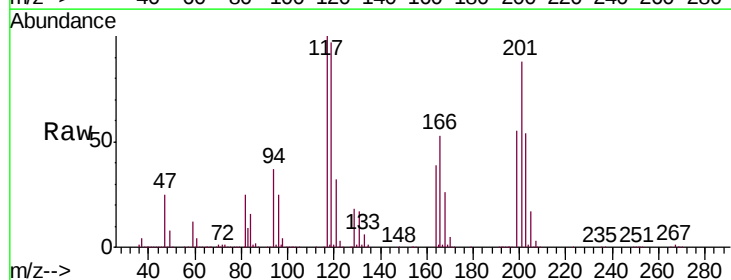
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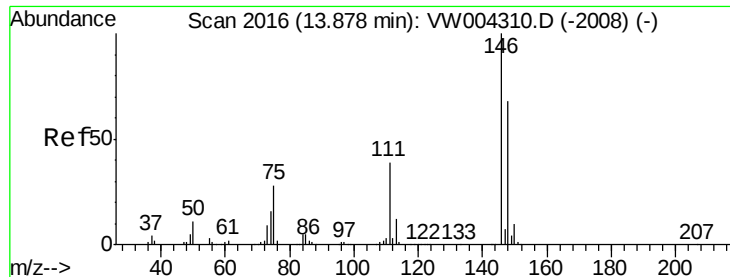
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#90
Hexachloroethane
Concen: 147.67 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.01 min
Lab File: VW004313.D
Acq: 29 Jul 2018 14:21

Tgt Ion: 117 Resp: 345561
Ion Ratio Lower Upper
117 100
201 82.9 41.5 124.5





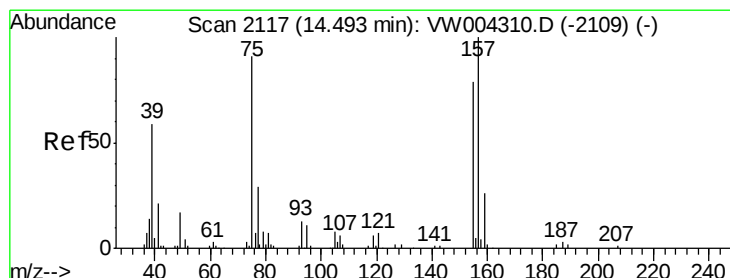
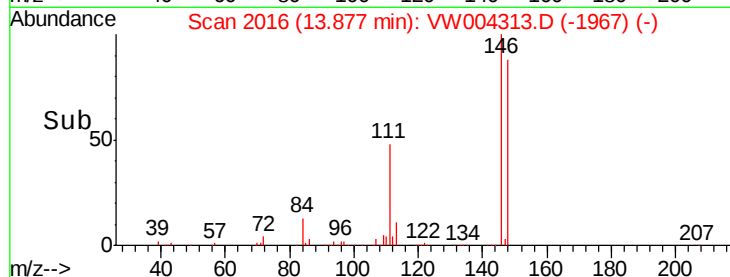
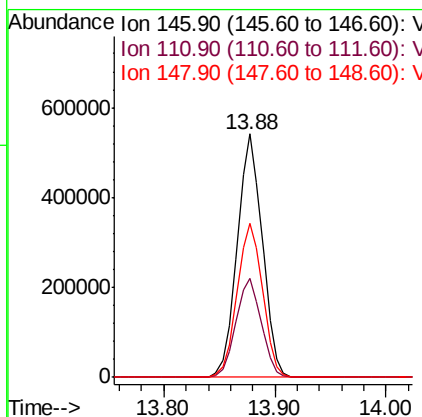
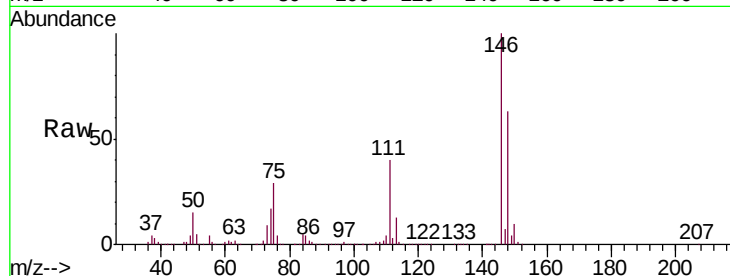
#91
 1,2-Dichlorobenzene
 Concen: 139.88 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: VW004313.D
 Acq: 29 Jul 2018 14:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	19.7	59.1
148	64.2	32.0	96.0

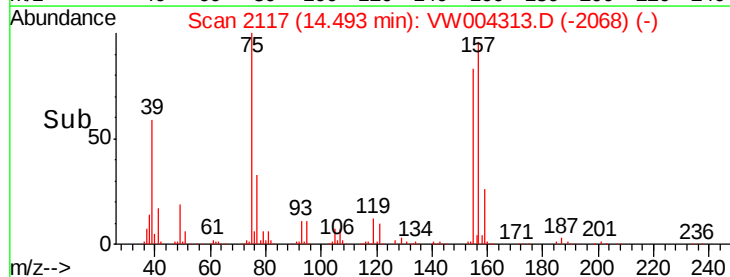
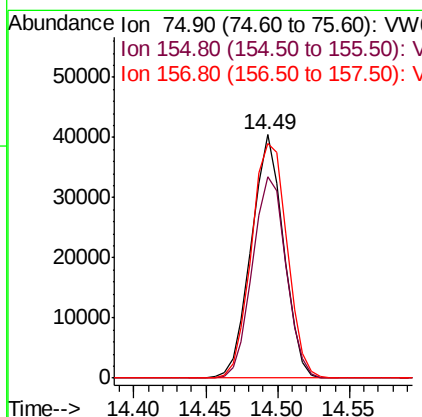
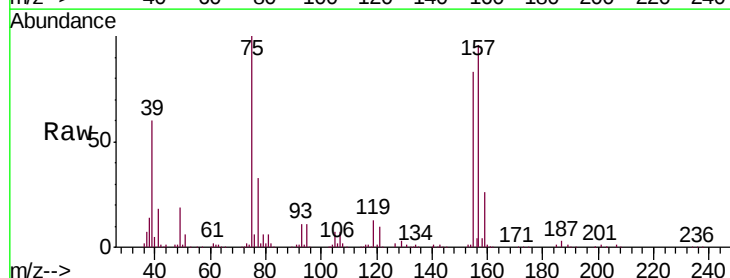
Manual Integrations
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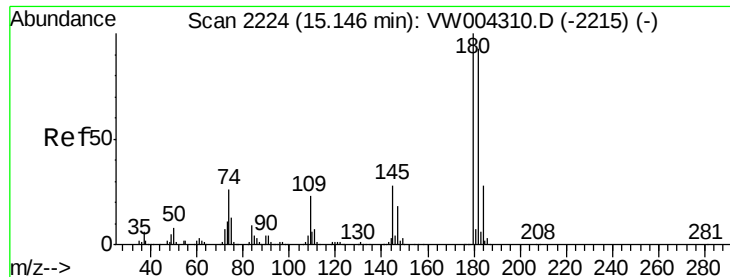
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 147.29 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VW004313.D
 Acq: 29 Jul 2018 14:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.9	41.4	124.4
157	106.0	55.2	165.6





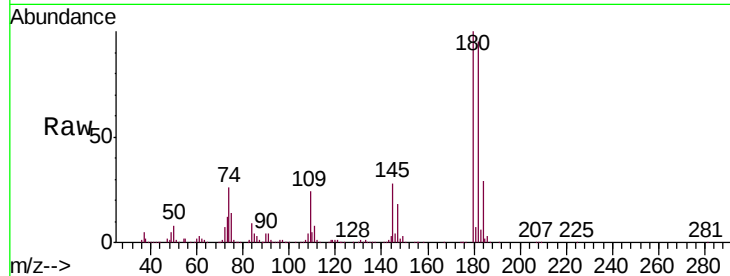
#93
 1,2,4-Trichlorobenzene
 Concen: 145.75 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: VW004313.D
 Acq: 29 Jul 2018 14:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

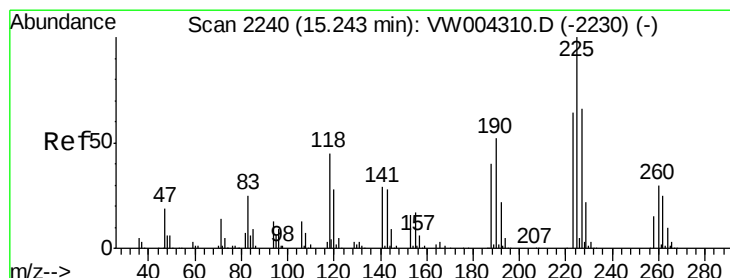
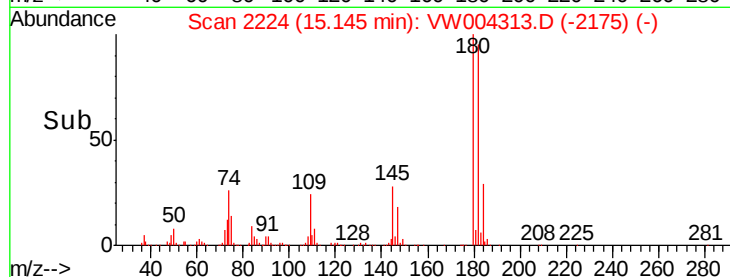
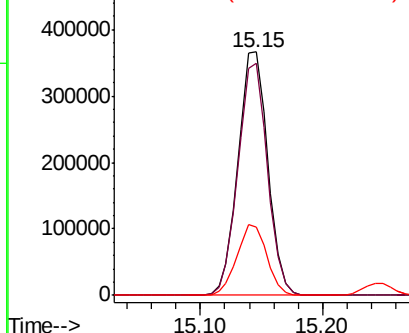
Tot Ion:	180	Resp:	617320
Ion Ratio	Lower	Upper	
180	100		
182	94.2	47.3	141.8
145	29.4	14.8	44.4

Manual Integrations
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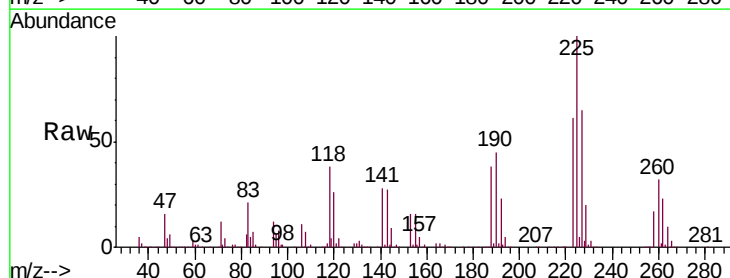


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

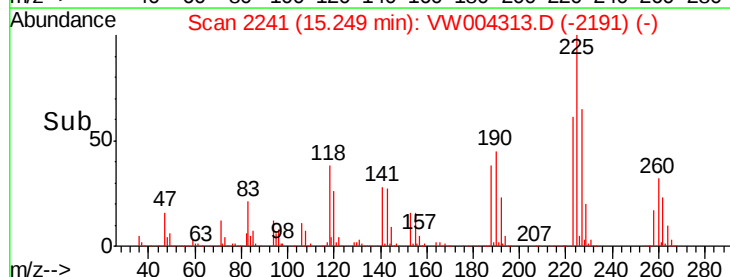
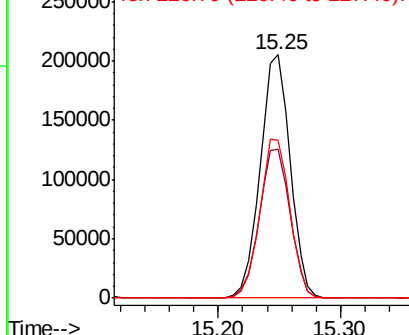


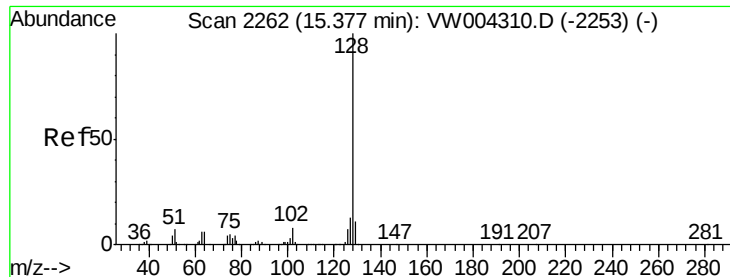
#94
 Hexachlorobutadiene
 Concen: 135.55 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.01 min
 Lab File: VW004313.D
 Acq: 29 Jul 2018 14:21

Tgt Ion:	225	Resp:	350777
Ion Ratio	Lower	Upper	
225	100		
223	63.1	31.0	93.0
227	65.3	32.6	97.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





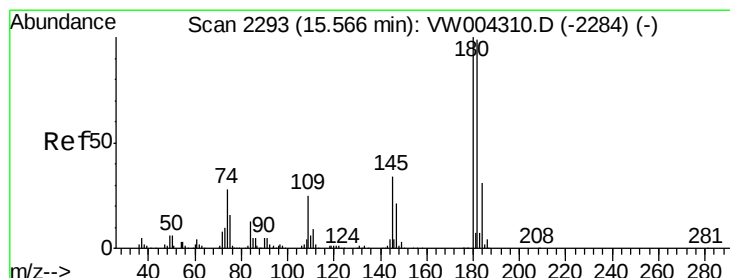
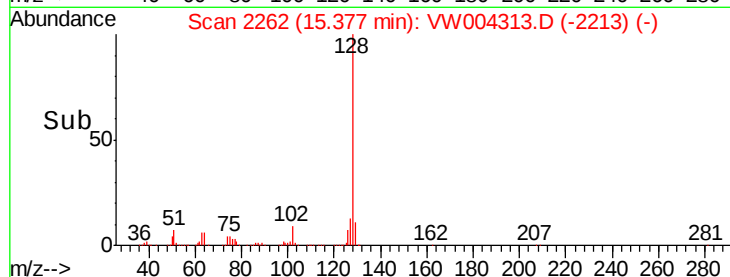
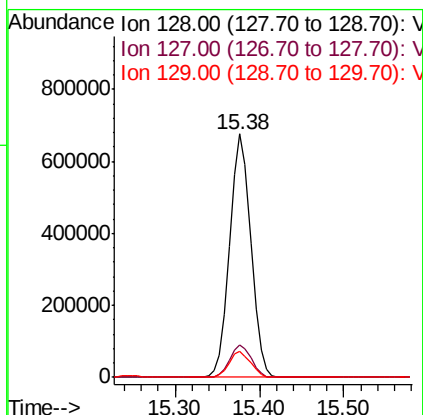
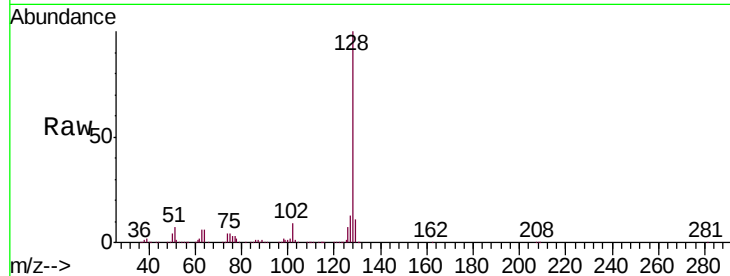
#95
Naphthalene
Concen: 156.97 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VW004313.D
Acq: 29 Jul 2018 14:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	10.8	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 142.35 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. -0.00 min
Lab File: VW004313.D
Acq: 29 Jul 2018 14:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	48.0	144.0
145	32.5	16.2	48.5

