

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110218\
 Data File : VW006546.D
 Acq On : 01 Nov 2018 01:13
 Operator : SY/AP
 Sample : VSTDIC075
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Manual Integrations
 APPROVED

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 11/2/2018 3:11:36 PM

Quant Time: Nov 01 03:37:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:03:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	283961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	409518	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	382124	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	217326	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	175326	73.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	147.50%	
35) Dibromofluoromethane	7.88	113	187085	76.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	152.80%	
50) Toluene-d8	10.33	98	726782	77.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	155.60%	
62) 4-Bromofluorobenzene	12.62	95	266189	76.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	152.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	102041	73.465	ug/l	97
3) Chloromethane	2.22	50	128404	71.290	ug/l	99
4) Vinyl Chloride	2.37	62	178150	69.622	ug/l	99
5) Bromomethane	2.79	94	149617	64.616	ug/l	97
6) Chloroethane	2.93	64	124803	68.283	ug/l	97
7) Trichlorofluoromethane	3.26	101	157833	66.907	ug/l	97
8) Diethyl Ether	3.68	74	85173	68.056	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	170604	68.080	ug/l	100
10) Methyl Iodide	4.26	142	306818	72.785	ug/l	100
11) Tert butyl alcohol	5.23	59	45098	290.722	ug/l #	83
12) 1,1-Dichloroethene	4.03	96	165058	69.746	ug/l	98
13) Acrolein	3.90	56	50478	323.815	ug/l	99
14) Allyl chloride	4.67	41	221955	66.400	ug/l	99
15) Acrylonitrile	5.38	53	154100	337.781	ug/l	99
16) Acetone	4.14	43	133190	265.854	ug/l	99
17) Carbon Disulfide	4.38	76	482857	68.317	ug/l	100
18) Methyl Acetate	4.68	43	77305	65.913	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	236248	65.835	ug/l	100
20) Methylene Chloride	4.91	84	186894	67.133	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	190525	72.057	ug/l	97
22) Diisopropyl ether	6.32	45	453467	68.132	ug/l	98
23) Vinyl Acetate	6.26	43	1263179	323.665	ug/l	99
24) 1,1-Dichloroethane	6.21	63	307674	71.321	ug/l	99
25) 2-Butanone	7.18	43	196123	311.803	ug/l	97
26) 2,2-Dichloropropane	7.16	77	178801	59.902	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	210781	72.016	ug/l	99
28) Bromochloromethane	7.51	49	118036	71.047	ug/l	99
29) Tetrahydrofuran	7.54	42	124285	320.930	ug/l	99
30) Chloroform	7.68	83	335171	71.015	ug/l	98
31) Cyclohexane	7.96	56	257462	60.652	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	285475	67.819	ug/l	100
36) 1,1-Dichloropropene	8.09	75	255385	68.155	ug/l	99
37) Ethyl Acetate	7.26	43	89162	64.359	ug/l	99
38) Carbon Tetrachloride	8.07	117	274895	67.388	ug/l	98

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Manual Integrations
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Quant Time: Nov 01 03:37:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:03:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	332894	67.174	ug/l	99
40) Benzene	8.32	78	743650	71.780	ug/l	99
41) Methacrylonitrile	7.49	41	50947	61.450	ug/l	94
42) 1,2-Dichloroethane	8.40	62	208930	69.091	ug/l	99
43) Isopropyl Acetate	8.43	43	178932	63.576	ug/l	99
44) Trichloroethene	9.09	130	229217	72.080	ug/l	99
45) 1,2-Dichloropropane	9.37	63	172408	69.820	ug/l	99
46) Dibromomethane	9.46	93	99347	70.389	ug/l	99
47) Bromodichloromethane	9.65	83	244237	71.620	ug/l	100
48) Methyl methacrylate	9.44	41	86523	64.674	ug/l	99
49) 1,4-Dioxane	9.48	88	30388	1408.072	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	456099	321.862	ug/l	100
52) Toluene	10.39	92	500067	72.016	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	236234	69.813	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	278668	71.588	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	141644	71.553	ug/l	96
56) Ethyl methacrylate	10.65	69	166871	69.229	ug/l	97
57) 1,3-Dichloropropane	10.93	76	231611	70.889	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	384825	401.840	ug/l	100
59) 2-Hexanone	10.97	43	312999	310.665	ug/l	100
60) Dibromochloromethane	11.13	129	178319	72.654	ug/l	100
61) 1,2-Dibromoethane	11.24	107	142269	71.967	ug/l	100
64) Tetrachloroethene	10.87	164	221533	74.107	ug/l	99
65) Chlorobenzene	11.66	112	583566	71.252	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	209537	72.207	ug/l	99
67) Ethyl Benzene	11.74	91	982582	69.613	ug/l	99
68) m/p-Xylenes	11.84	106	796002	142.391	ug/l	100
69) o-Xylene	12.17	106	380726	71.431	ug/l	99
70) Styrene	12.18	104	625868	72.134	ug/l	99
71) Bromoform	12.35	173	113785	70.869	ug/l	99
73) Isopropylbenzene	12.47	105	1045579	68.609	ug/l	100
74) N-amyl acetate	12.27	43	178700	61.434	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	157861	68.089	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	99194m	58.982	ug/l	
77) Bromobenzene	12.75	156	265878	70.786	ug/l	99
78) n-propylbenzene	12.81	91	1205933	68.221	ug/l	100
79) 2-Chlorotoluene	12.90	91	685655	68.975	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	890592	69.422	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	45016	66.116	ug/l	99
82) 4-Chlorotoluene	12.99	91	730410	69.874	ug/l	99
83) tert-Butylbenzene	13.21	119	792522	69.012	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	907442	69.693	ug/l	100
85) sec-Butylbenzene	13.39	105	1103740	68.234	ug/l	100
86) p-Isopropyltoluene	13.51	119	1015447	69.343	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	529757	70.880	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	522173	70.217	ug/l	100
89) n-Butylbenzene	13.83	91	900678	67.441	ug/l	99
90) Hexachloroethane	14.10	117	170296	68.998	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	470056	70.488	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	25758	62.986	ug/l	98

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Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC075

Manual Integrations
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Quant Time: Nov 01 03:37:31 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:03:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	358376	69.791	ug/l	100
94) Hexachlorobutadiene	15.24	225	218961	68.317	ug/l	100
95) Naphthalene	15.38	128	584429	68.689	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	311429	70.020	ug/l	99

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

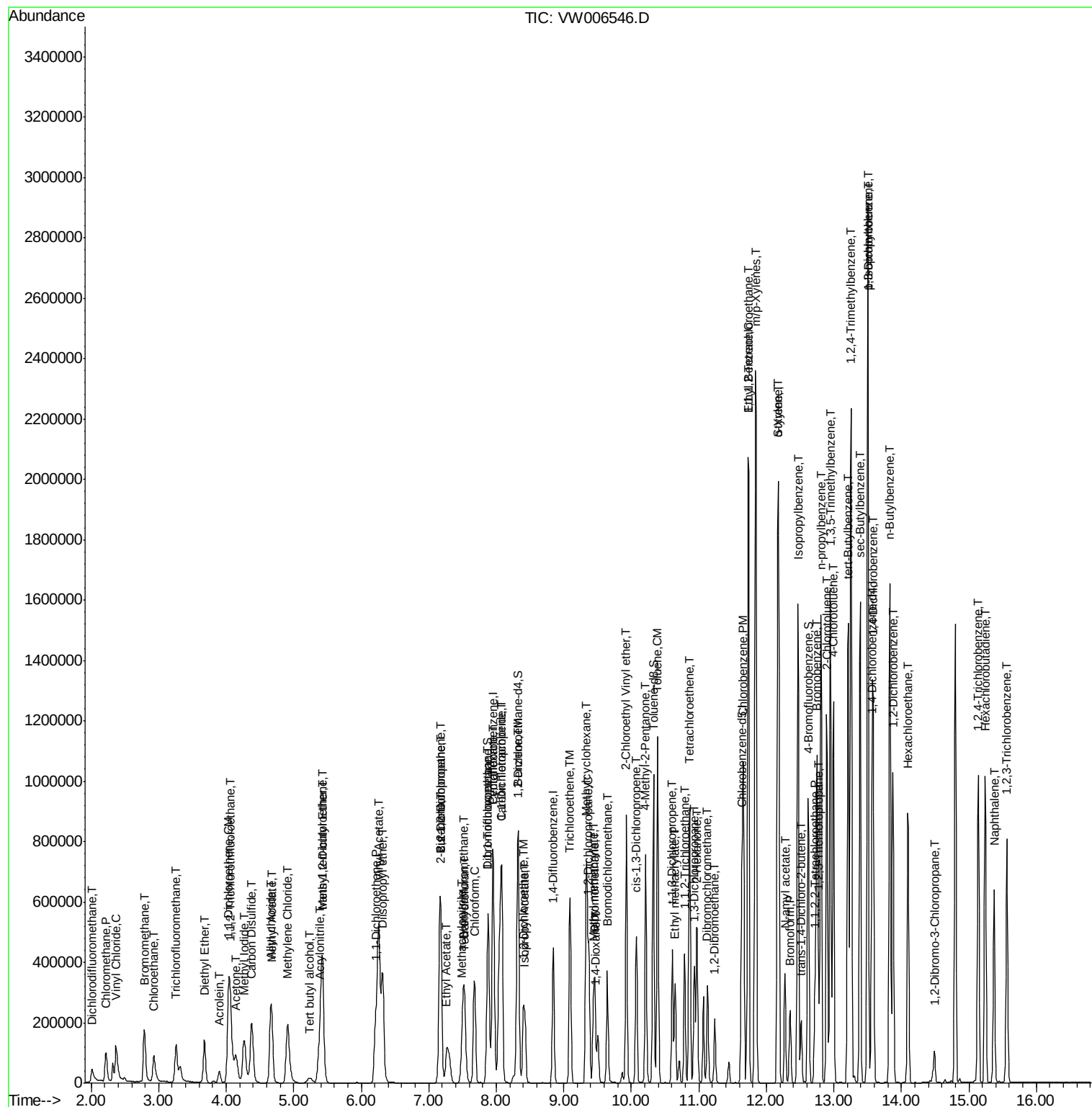
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110218\
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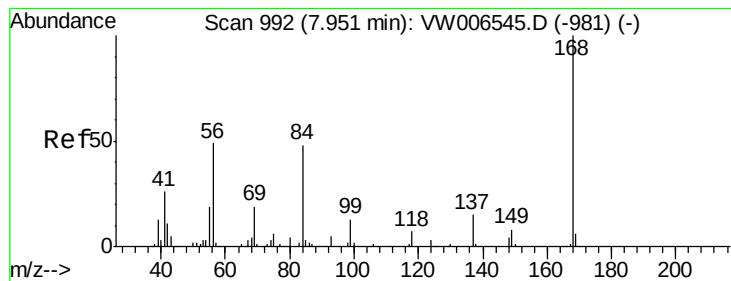
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Manual Integrations
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Quant Time: Nov 01 03:37:31 2018
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion:168 Resp: 283961

Ion Ratio Lower Upper

168 100

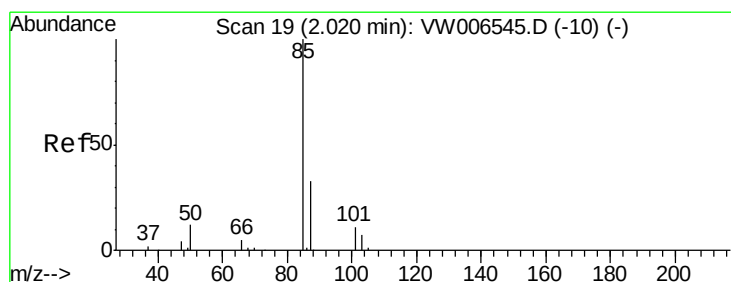
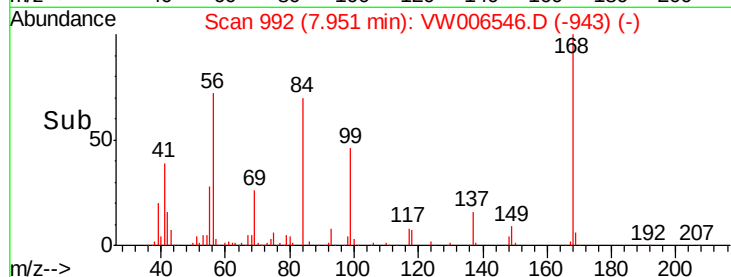
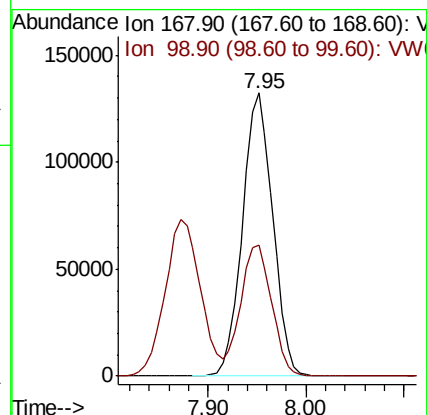
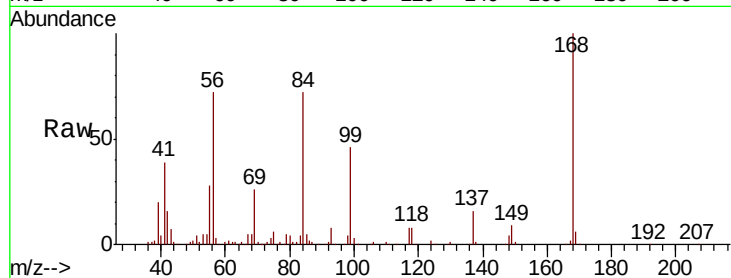
99 46.4 37.4 56.0

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 73.465 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.01 min

Lab File: VW006546.D

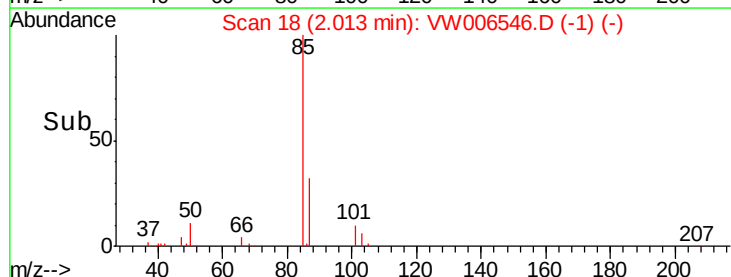
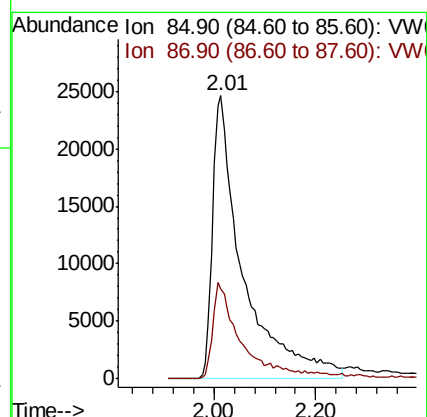
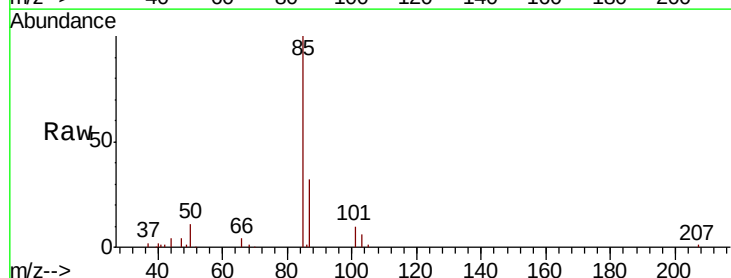
Acq: 01 Nov 2018 01:13

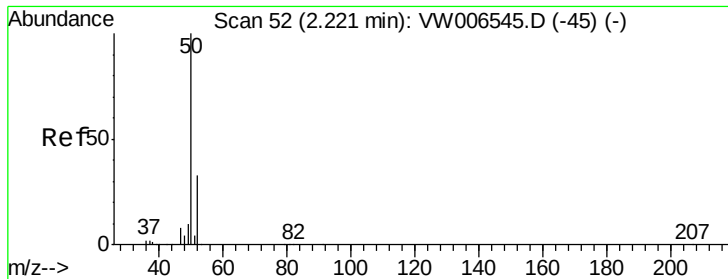
Tgt Ion: 85 Resp: 102041

Ion Ratio Lower Upper

85 100

87 31.9 16.8 50.3





#3

Chloromethane

Concen: 71.290 ug/l

RT: 2.22 min Scan# 52

Delta R.T. -0.00 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 50 Resp: 128404

Ion Ratio Lower Upper

50 100

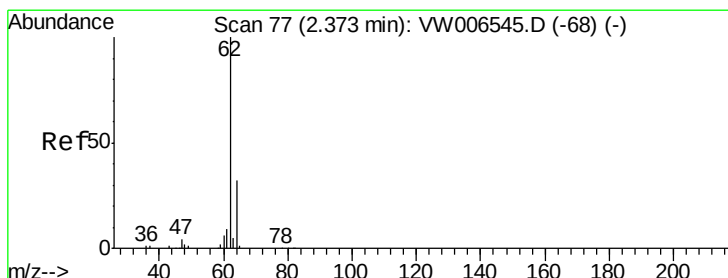
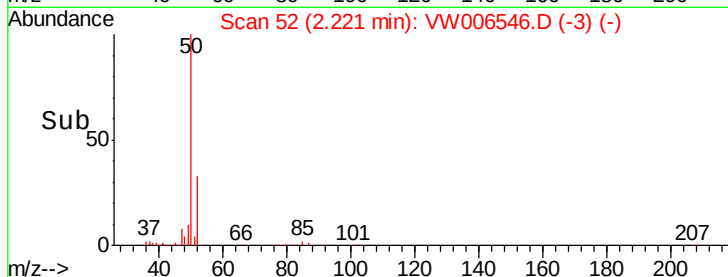
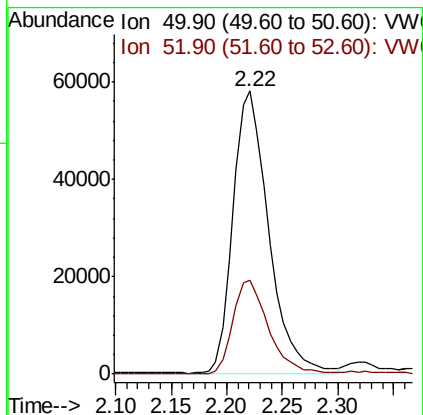
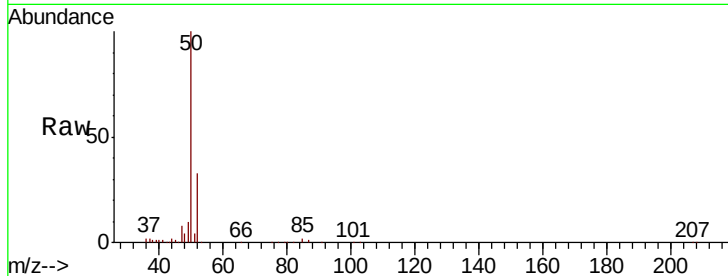
52 33.3 26.2 39.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 69.622 ug/l

RT: 2.37 min Scan# 77

Delta R.T. -0.00 min

Lab File: VW006546.D

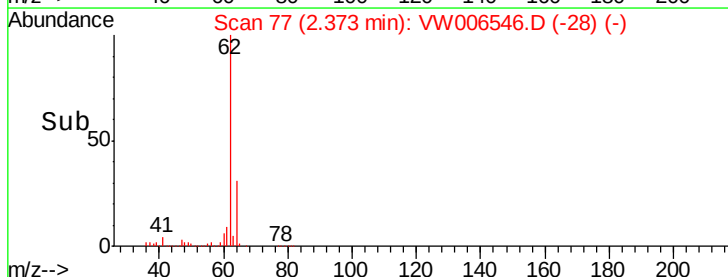
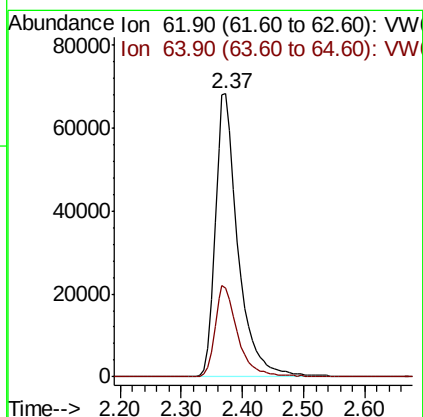
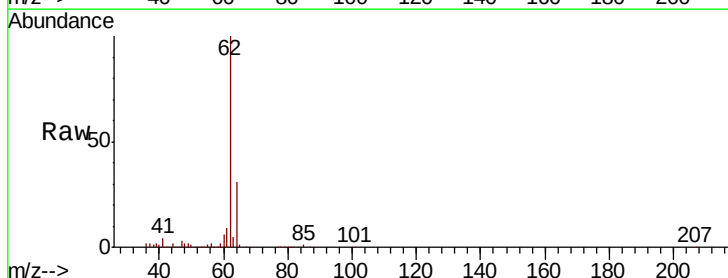
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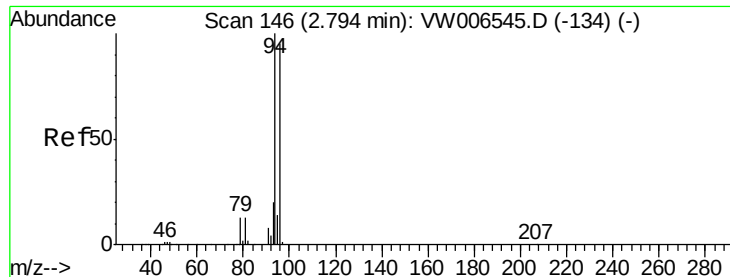
Tgt Ion: 62 Resp: 178150

Ion Ratio Lower Upper

62 100

64 31.2 25.4 38.0





#5

Bromomethane

Concen: 64.616 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.01 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 94 Resp: 149617

Ion Ratio Lower Upper

94 100

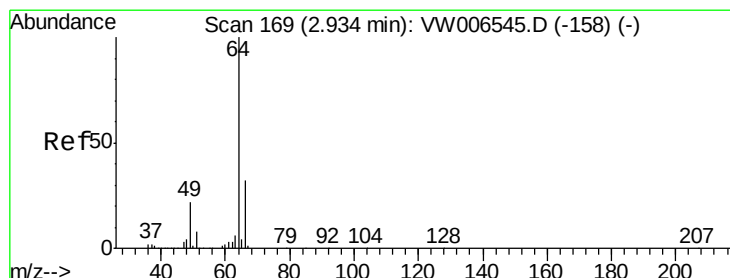
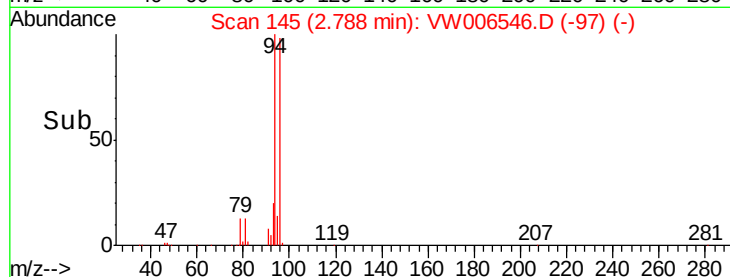
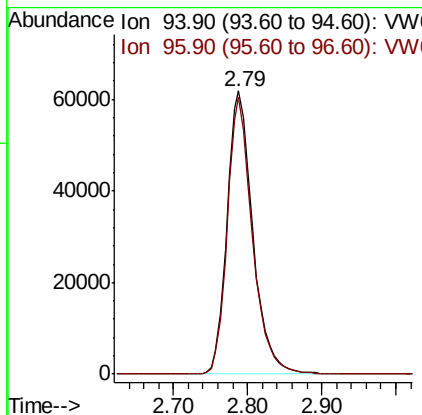
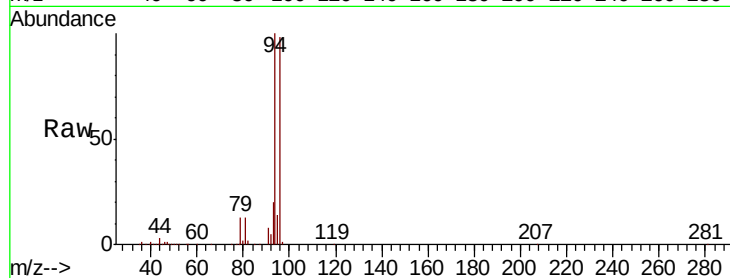
96 97.7 75.7 113.5

Manual Integrations

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#6

Chloroethane

Concen: 68.283 ug/l

RT: 2.93 min Scan# 169

Delta R.T. -0.00 min

Lab File: VW006546.D

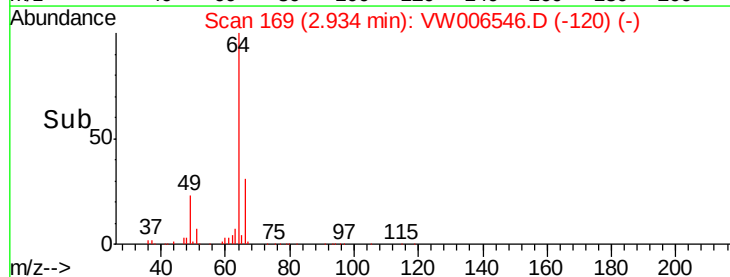
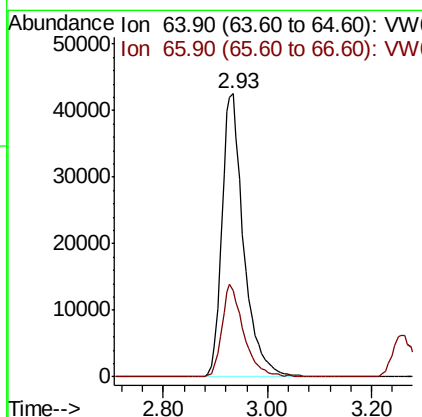
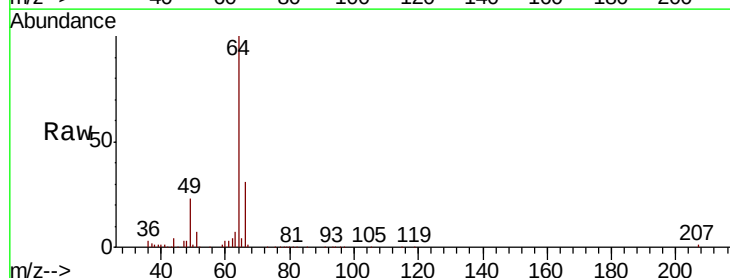
Acq: 01 Nov 2018 01:13

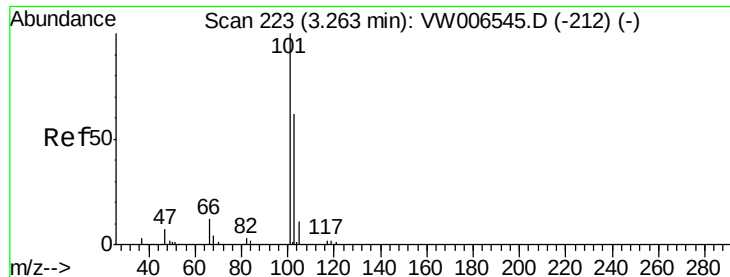
Tgt Ion: 64 Resp: 124803

Ion Ratio Lower Upper

64 100

66 30.7 25.9 38.9





#7

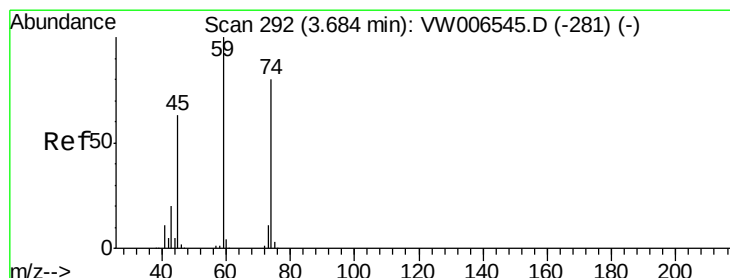
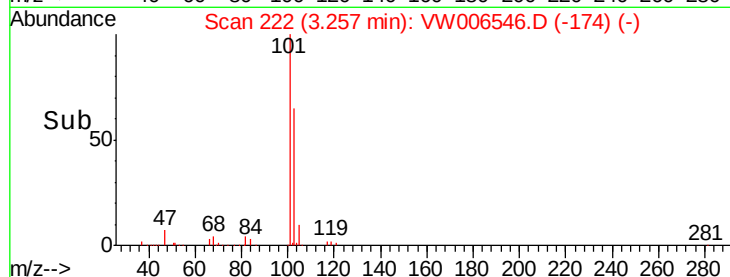
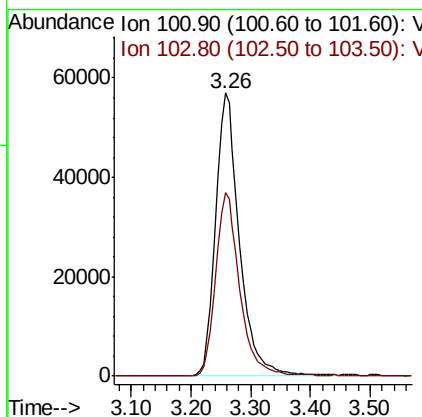
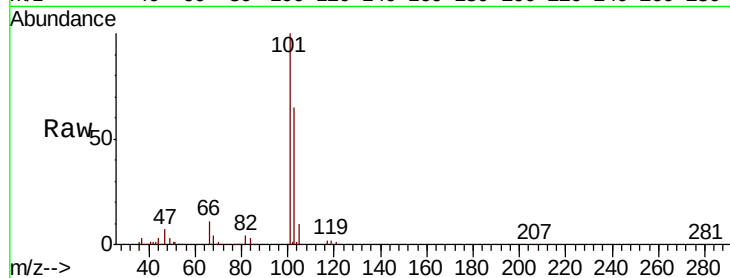
Trichlorofluoromethane
Concen: 66.907 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	49.8	74.8

Manual Integrations
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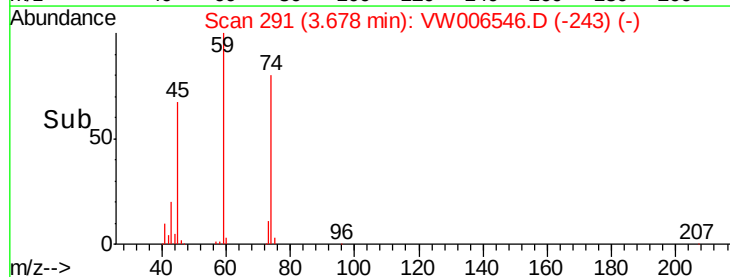
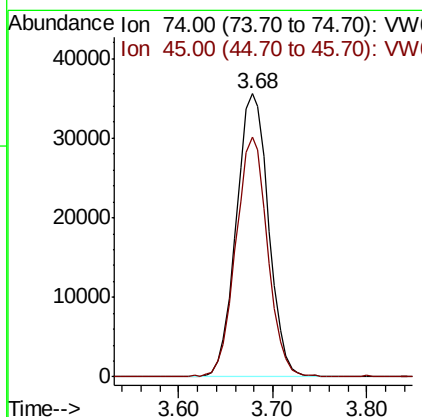
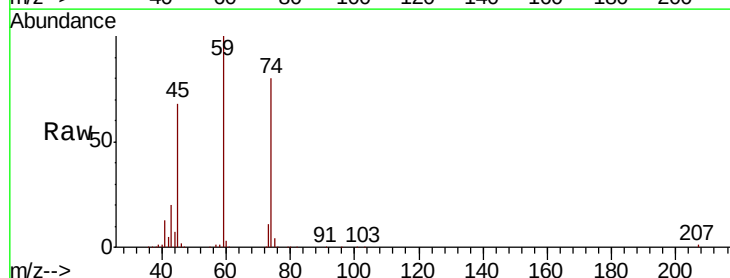
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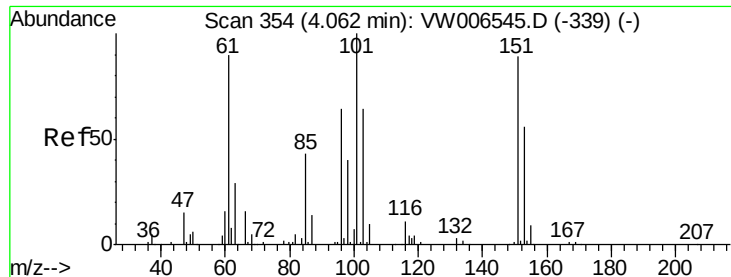


#8

Diethyl Ether
Concen: 68.056 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Tgt Ion	Ratio	Lower	Upper
74	100		
45	83.8	41.1	123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 68.080 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Instrument :

MSVOA_W

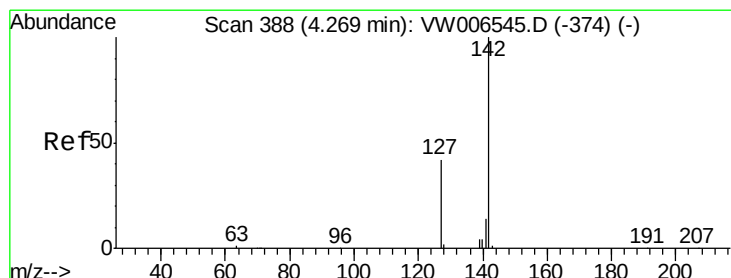
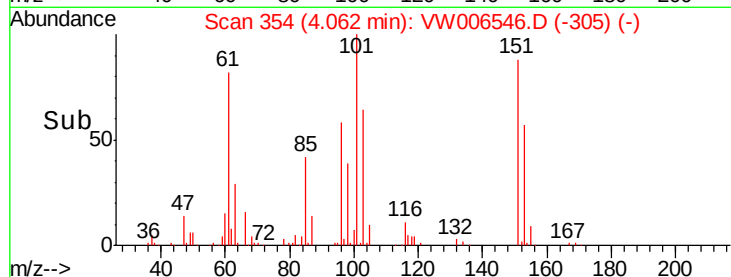
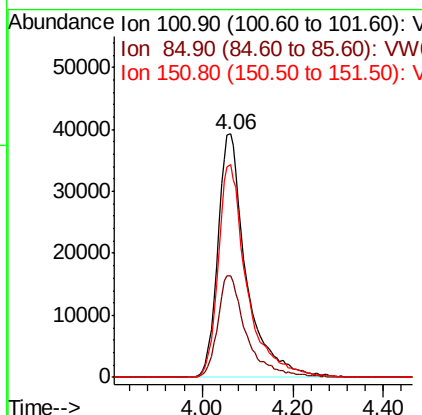
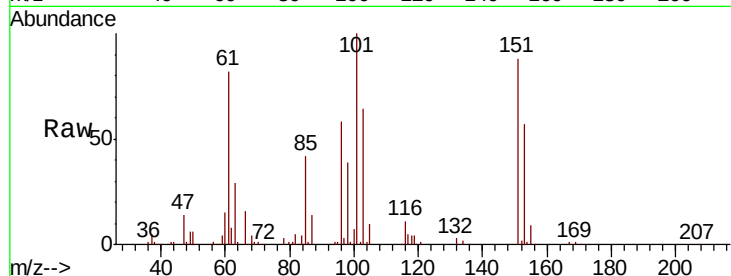
ClientSampled :

VSTDIC075

Tot Ion:	101	Resp:	170604
Ion Ratio	Lower	Upper	
101	100		
85	42.2	34.2	51.2
151	88.1	70.7	106.1

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#10

Methyl Iodide

Concen: 72.785 ug/l

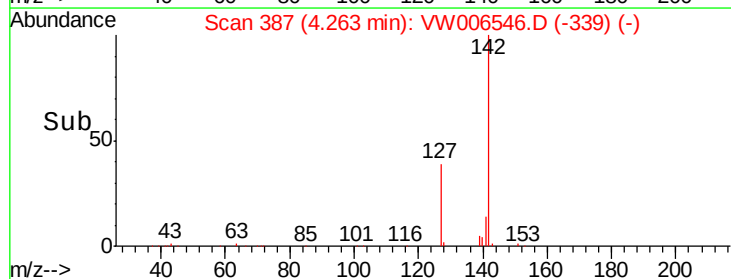
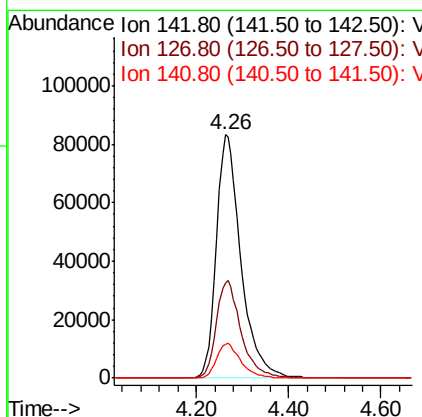
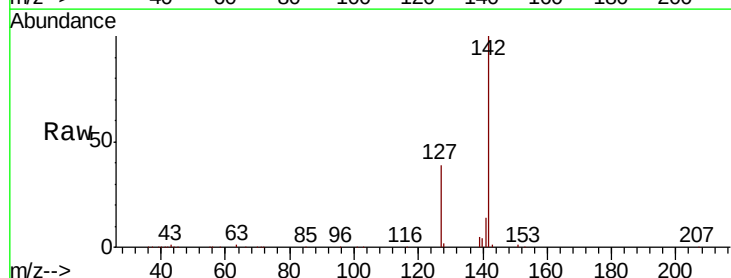
RT: 4.26 min Scan# 387

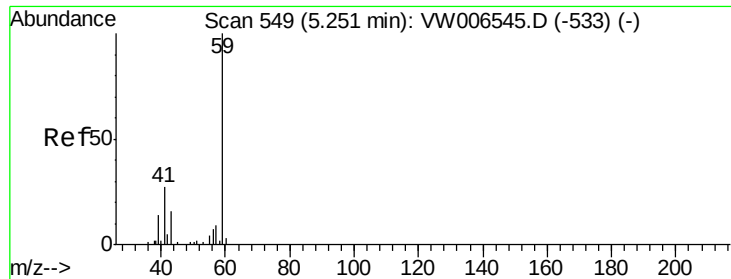
Delta R.T. -0.01 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Tgt Ion:	142	Resp:	306818
Ion Ratio	Lower	Upper	
142	100		
127	40.4	32.3	48.5
141	14.2	11.3	16.9





#11

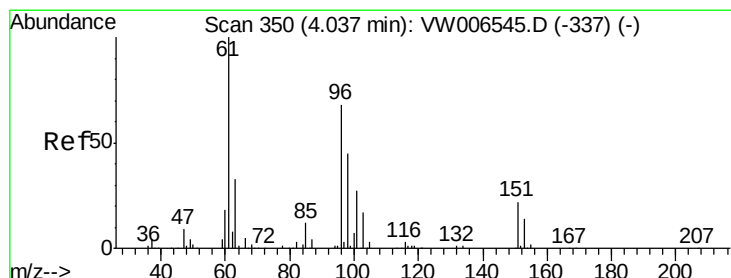
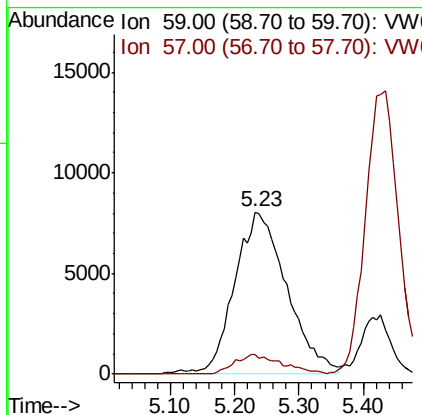
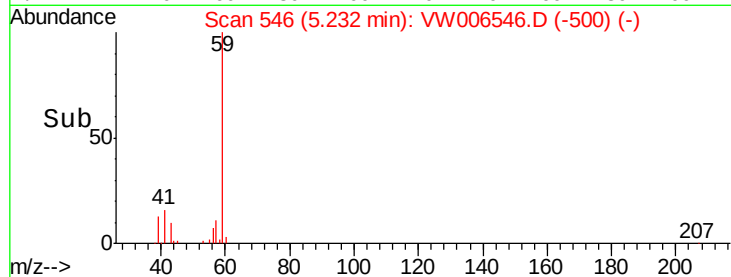
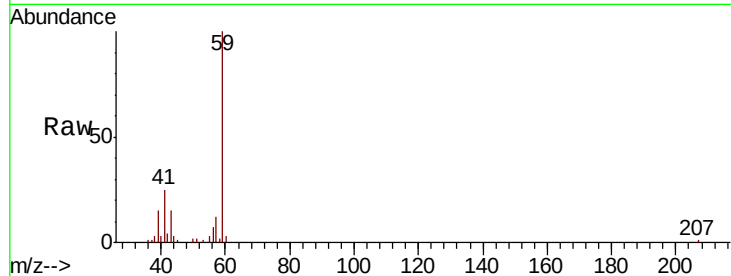
Tert butyl alcohol
Concen: 290.722 ug/l
RT: 5.23 min Scan# 546
Delta R.T. -0.02 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.1	4.3	6.5#

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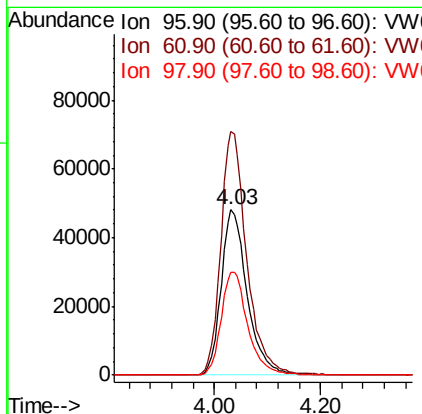
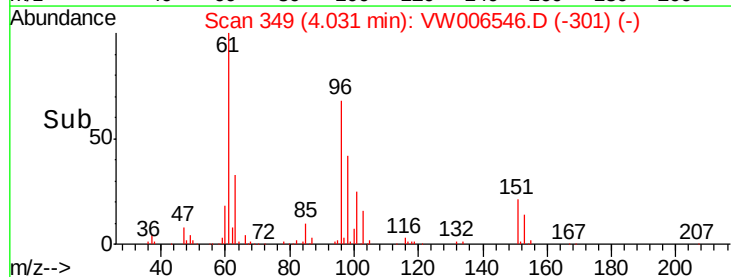
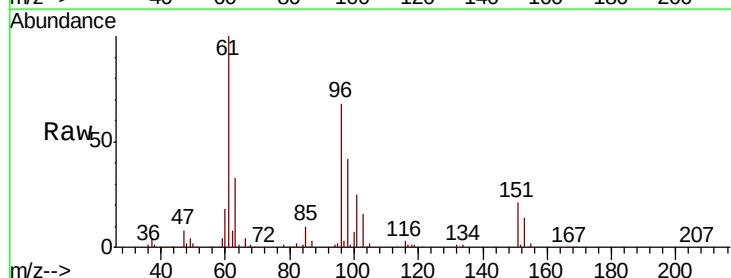
apatel
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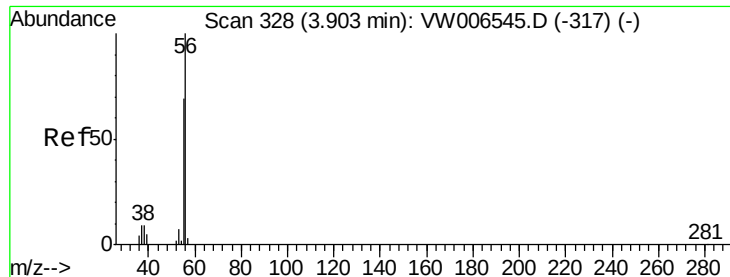


#12

1,1-Dichloroethene
Concen: 69.746 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.2	117.0	175.4
98	62.0	52.5	78.7





#13

Acrolein

Concen: 323.815 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 56 Resp: 50478

Ion Ratio Lower Upper

56 100

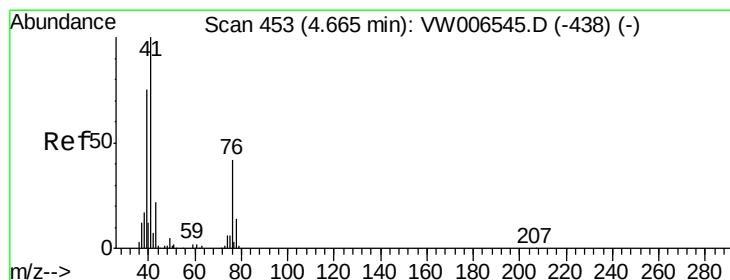
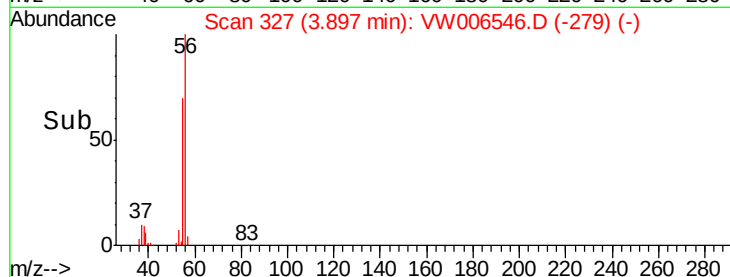
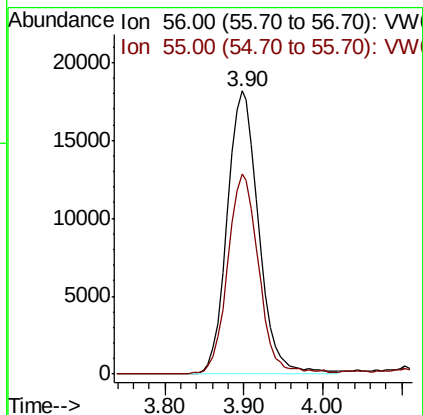
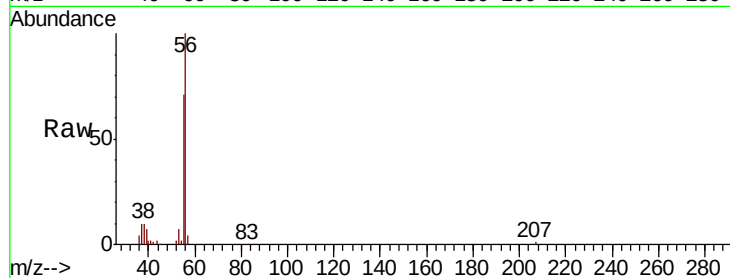
55 70.0 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 66.400 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

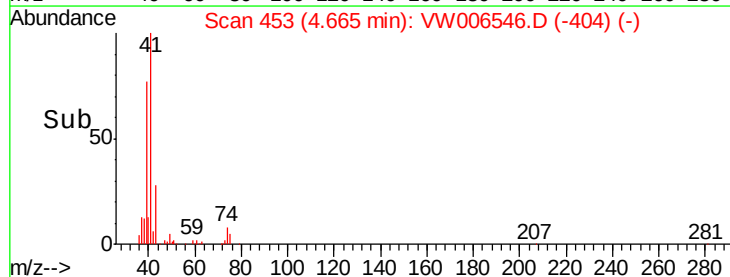
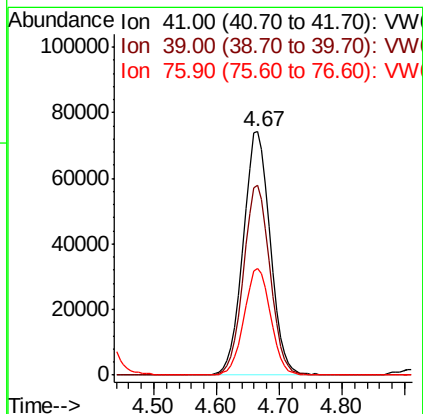
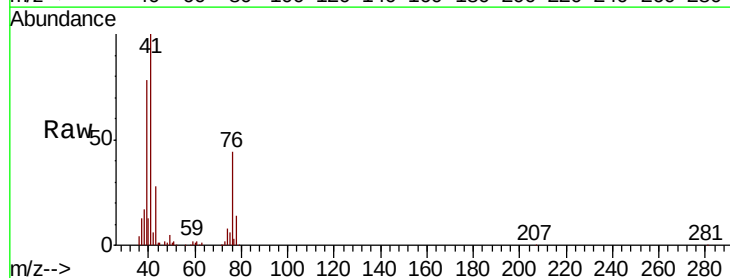
Tgt Ion: 41 Resp: 221955

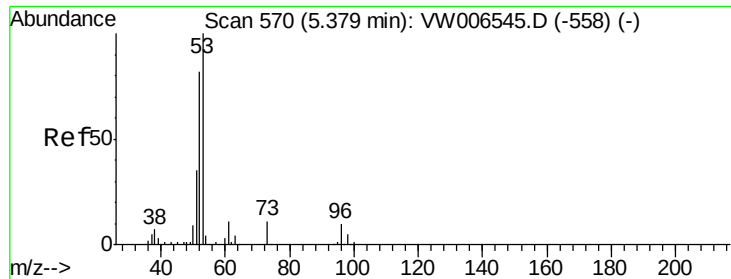
Ion Ratio Lower Upper

41 100

39 76.4 62.1 93.1

76 42.8 34.2 51.2





#15

Acrylonitrile

Concen: 337.781 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Instrument :

MSVOA_W

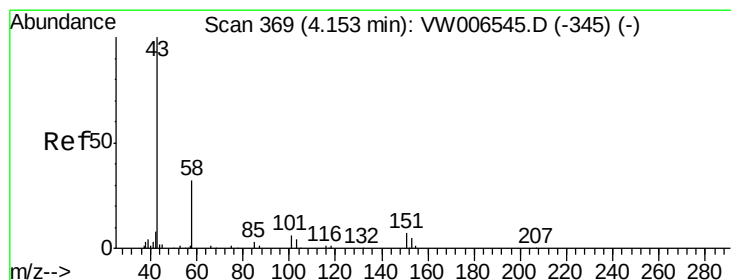
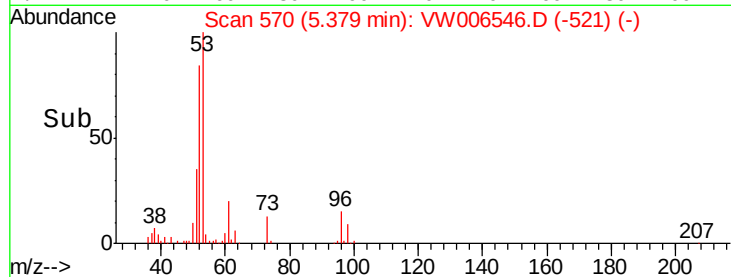
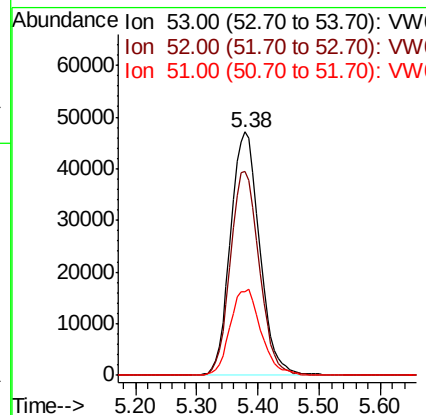
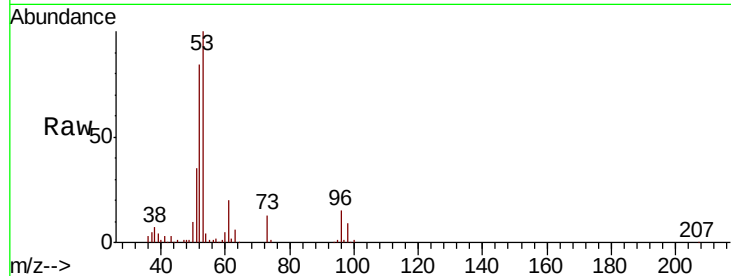
ClientSampleId :

VSTDIC075

Tot Ion:	53	Resp:	154100
Ion	Ratio	Lower	Upper
53	100		
52	83.5	65.8	98.8
51	37.5	29.6	44.4

Manual Integrations
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#16

Acetone

Concen: 265.854 ug/l

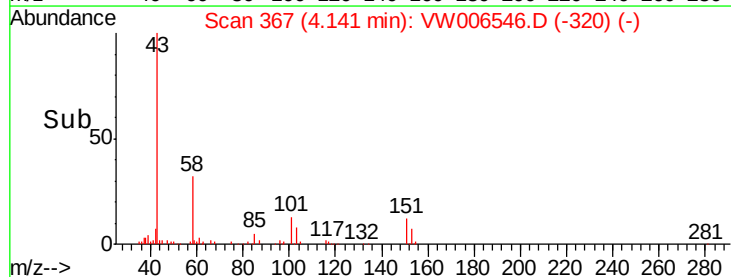
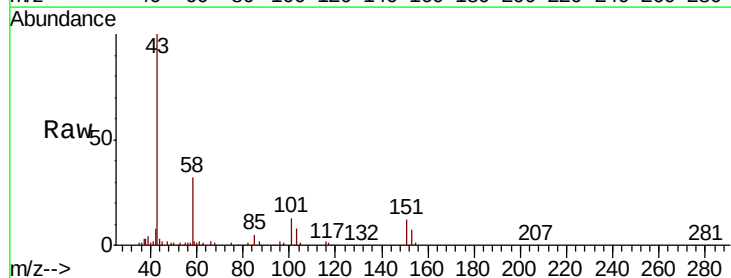
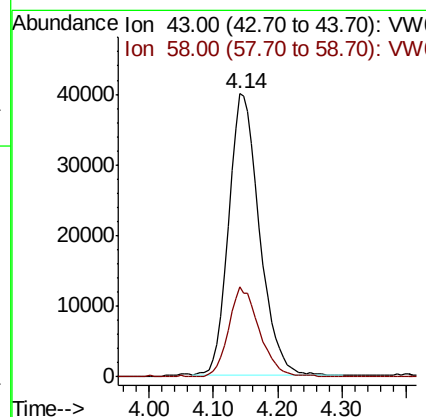
RT: 4.14 min Scan# 367

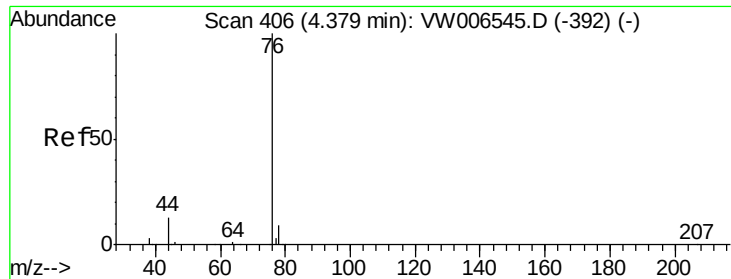
Delta R.T. -0.01 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Tgt Ion:	43	Resp:	133190
Ion	Ratio	Lower	Upper
43	100		
58	32.0	25.8	38.8





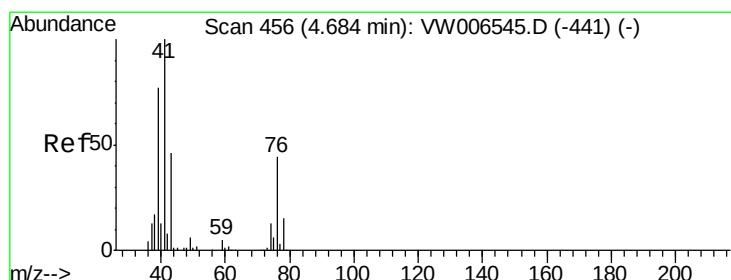
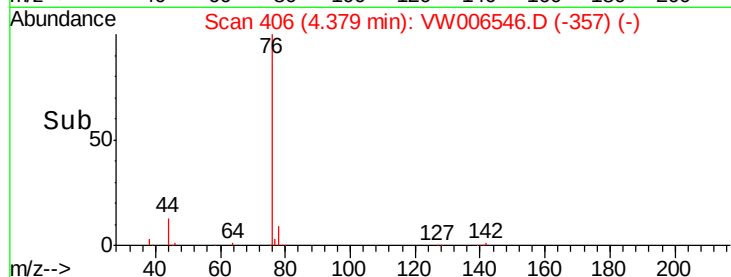
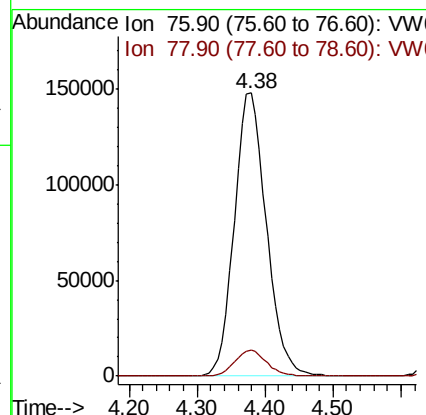
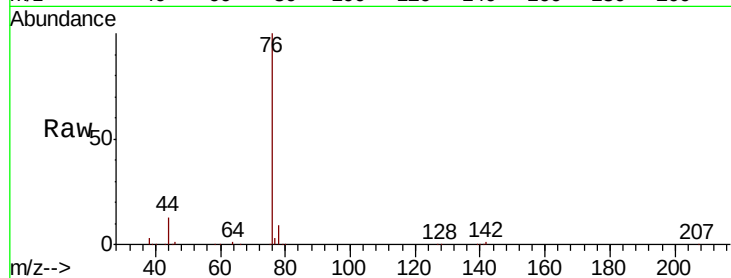
#17
Carbon Disulfide
Concen: 68.317 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.3	10.9

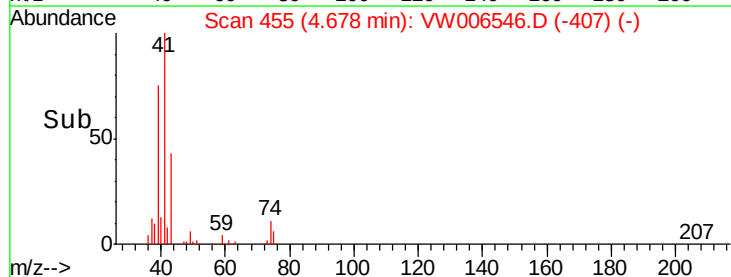
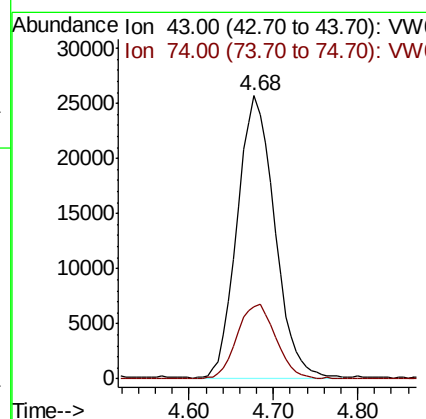
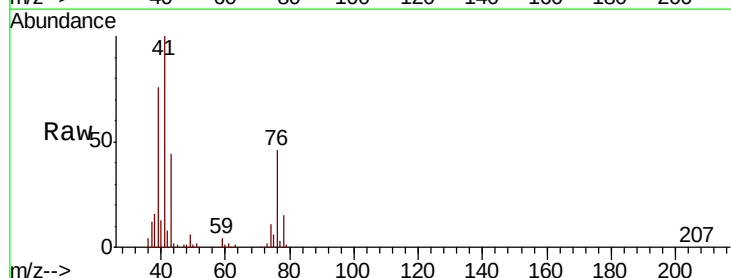
Manual Integrations
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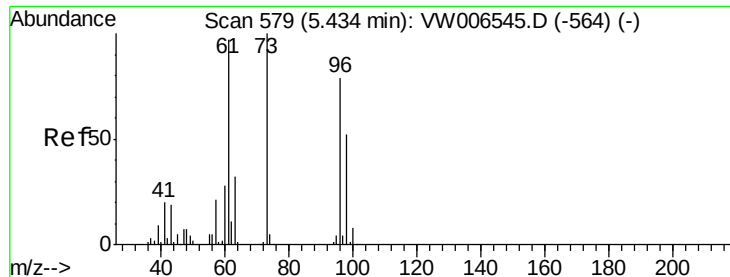
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#18
Methyl Acetate
Concen: 65.913 ug/l
RT: 4.68 min Scan# 456
Delta R.T. -0.01 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.3	21.9	32.9





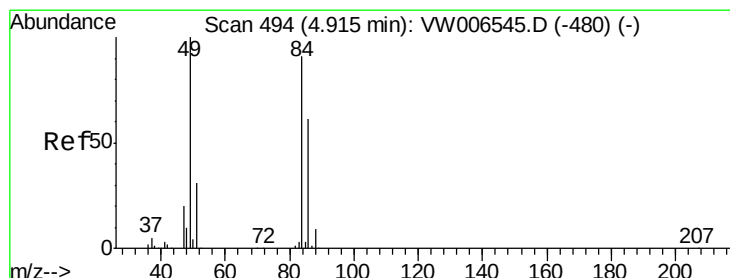
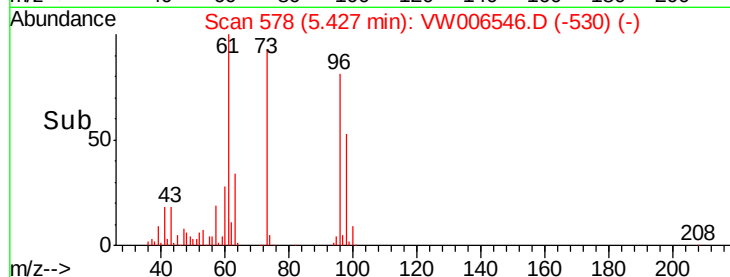
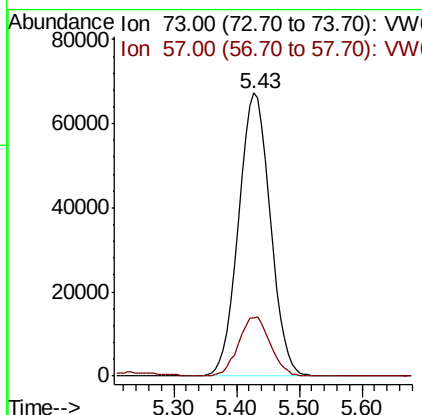
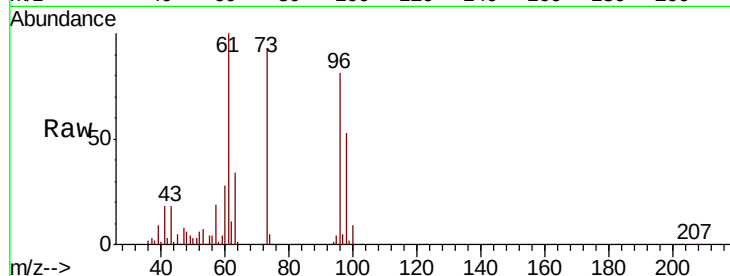
#19
Methyl tert-butyl Ether
Concen: 65.835 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion: 73 Resp: 236248
Ion Ratio Lower Upper
73 100
57 20.7 16.7 25.1

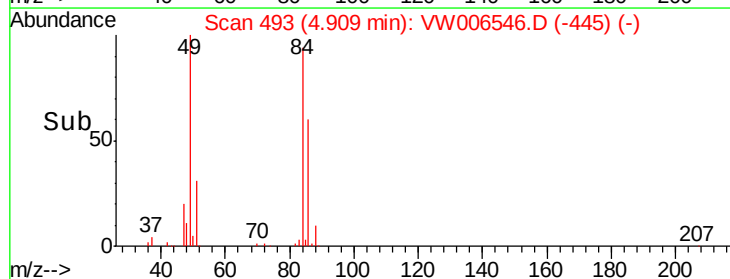
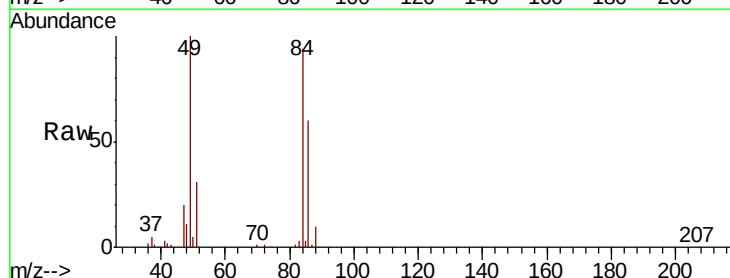
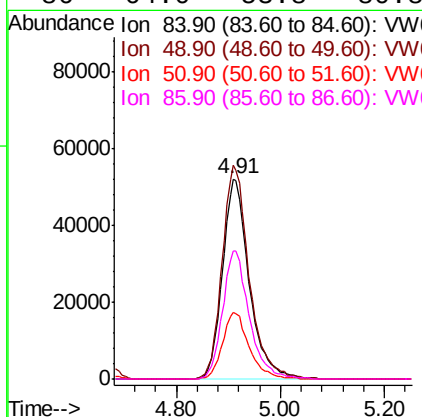
Manual Integrations
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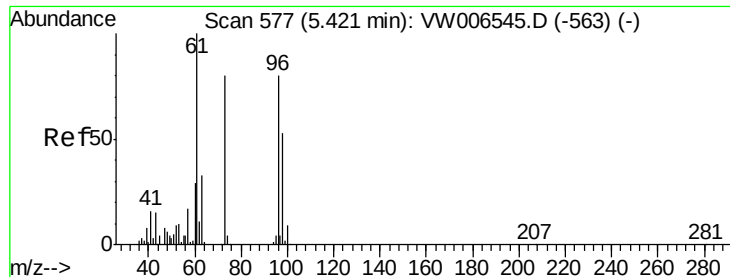
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#20
Methylene Chloride
Concen: 67.133 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Tgt Ion: 84 Resp: 186894
Ion Ratio Lower Upper
84 100
49 106.9 88.2 132.4
51 33.4 27.0 40.6
86 64.0 53.8 80.8





#21

trans-1,2-Dichloroethene

Concen: 72.057 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Instrument :

MSVOA_W

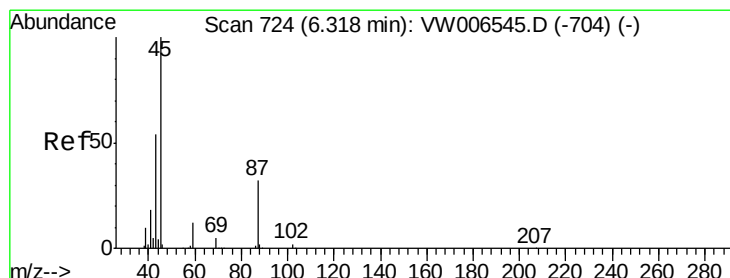
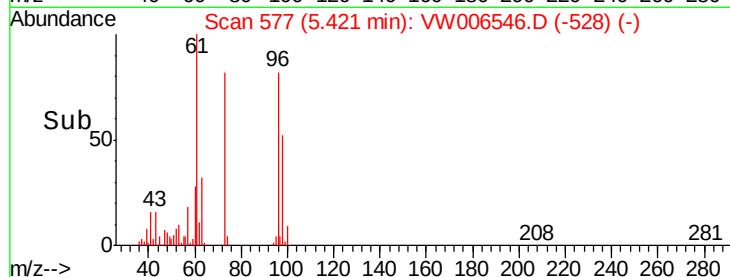
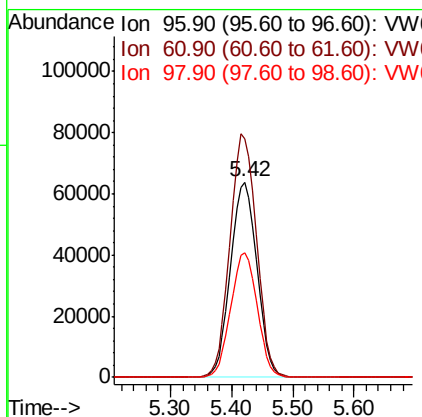
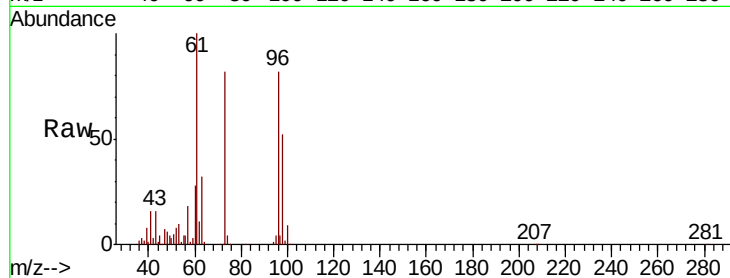
ClientSampled :

VSTDIC075

Tot Ion:	96	Resp:	190525
Ion	Ratio	Lower	Upper
96	100		
61	122.2	100.6	150.8
98	63.5	52.9	79.3

Manual Integrations
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#22

Diisopropyl ether

Concen: 68.132 ug/l

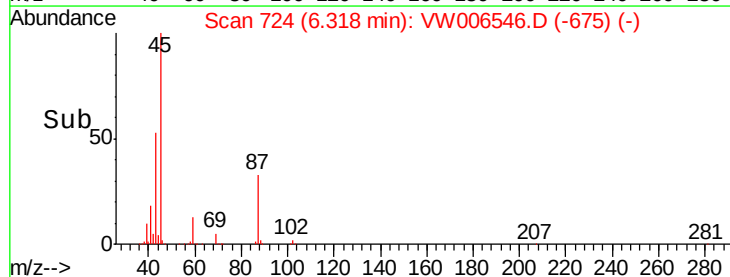
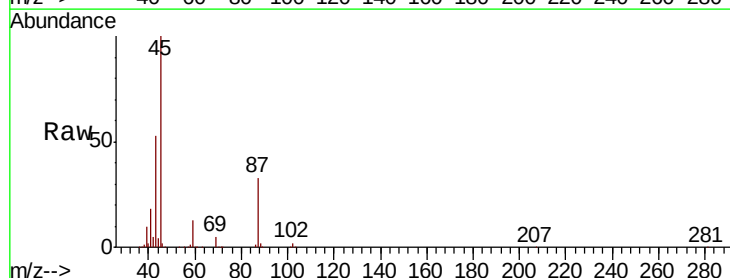
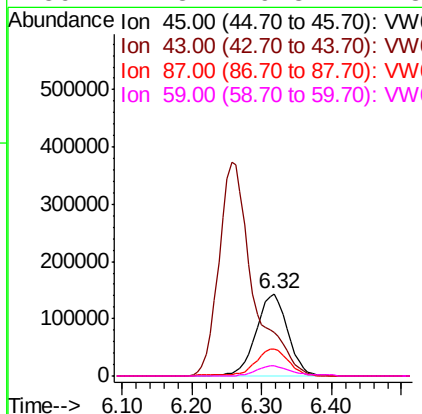
RT: 6.32 min Scan# 724

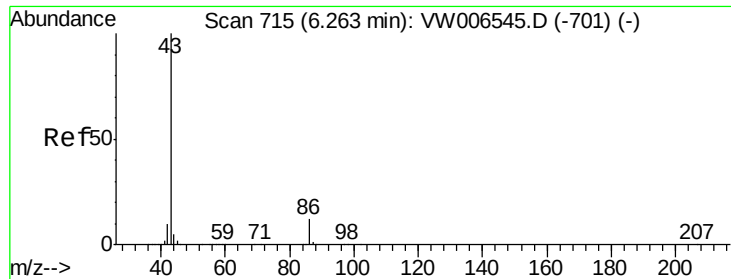
Delta R.T. -0.00 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Tgt Ion:	45	Resp:	453467
Ion	Ratio	Lower	Upper
45	100		
43	52.4	43.6	65.4
87	32.8	26.3	39.5
59	12.3	9.8	14.8





#23

Vinyl Acetate

Concen: 323.665 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 43 Resp: 1263179

Ion Ratio Lower Upper

43 100

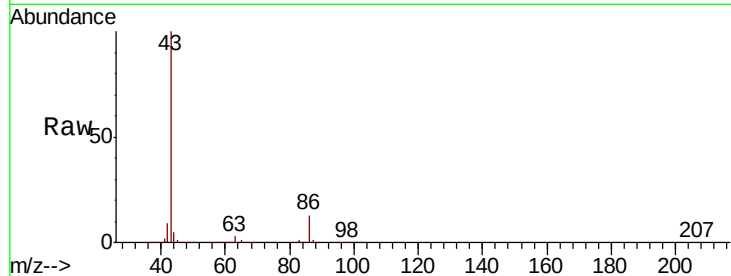
86 12.6 9.8 14.8

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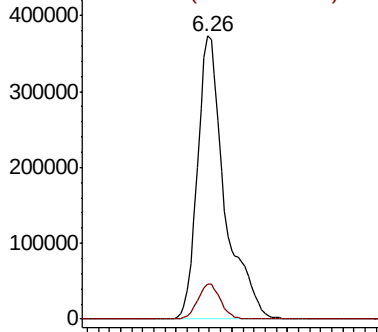
apatel

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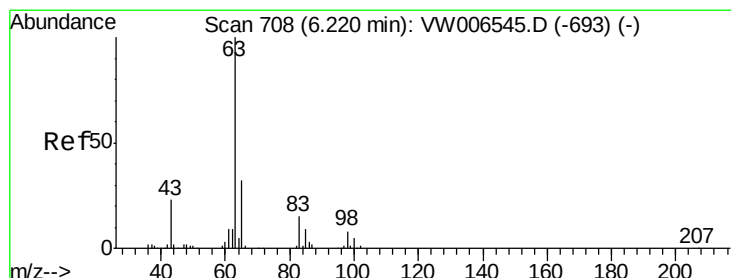
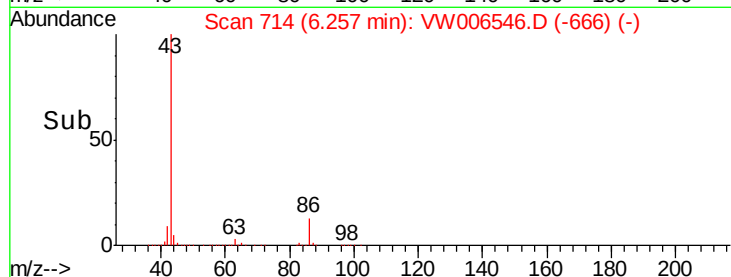


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 71.321 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

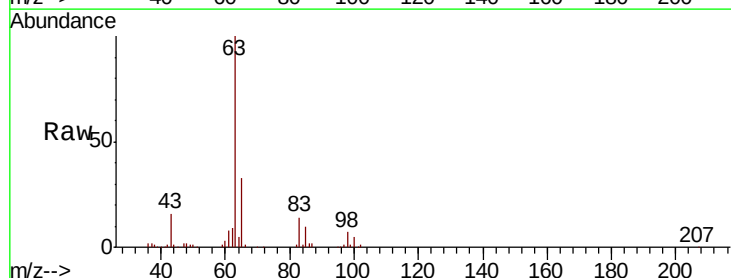
Tgt Ion: 63 Resp: 307674

Ion Ratio Lower Upper

63 100

98 7.0 3.8 11.4

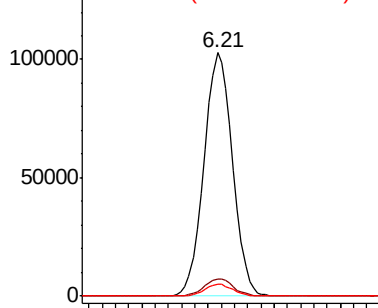
100 4.9 2.4 7.2



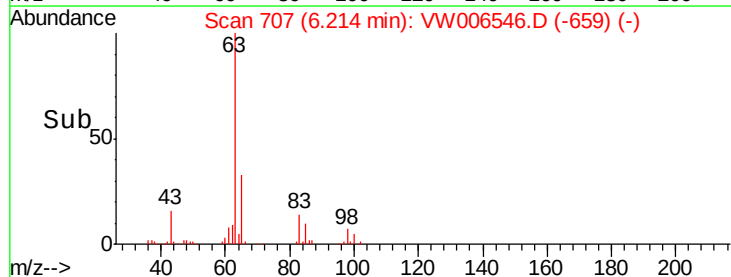
Abundance Ion 62.90 (62.60 to 63.60): VW

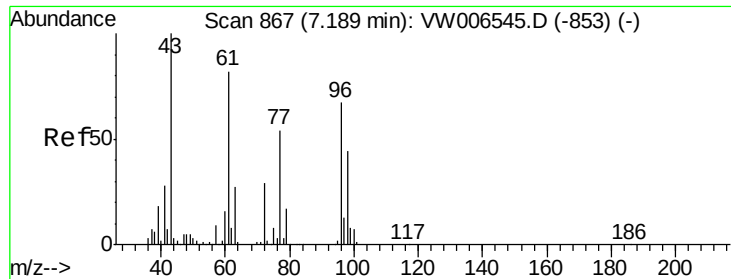
Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->





#25

2-Butanone

Concen: 311.803 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

Tot Ion: 43 Resp: 196123

Ion Ratio Lower Upper

43 100

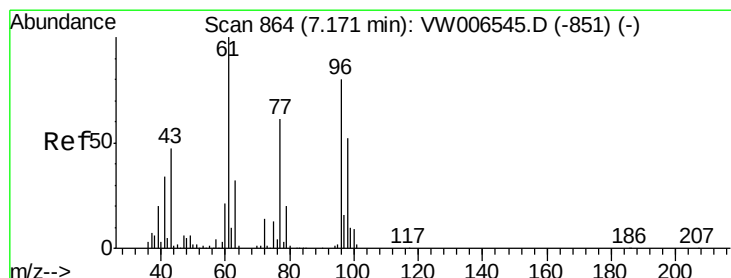
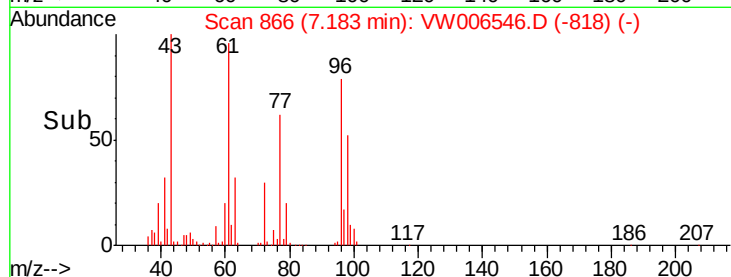
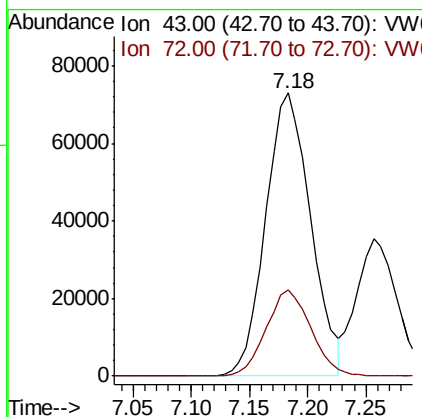
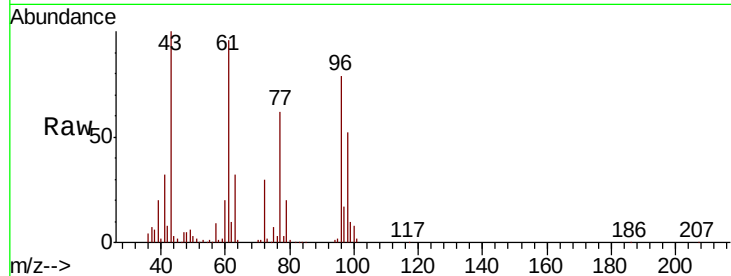
72 30.4 23.2 34.8

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#26

2,2-Dichloropropane

Concen: 59.902 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006546.D

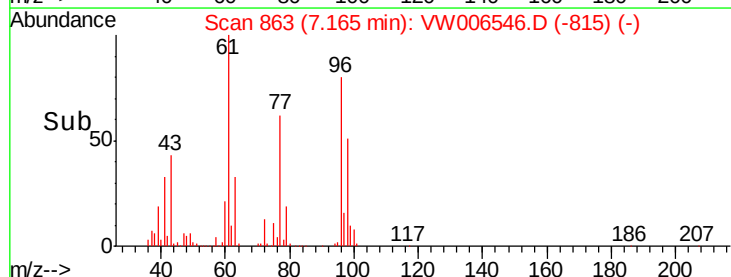
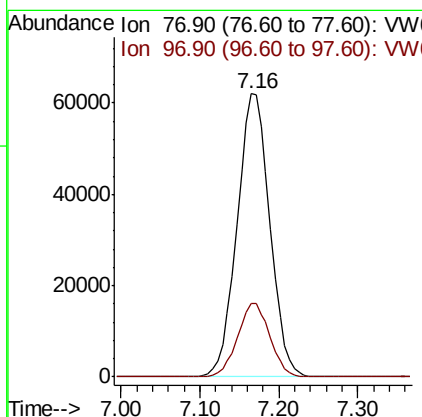
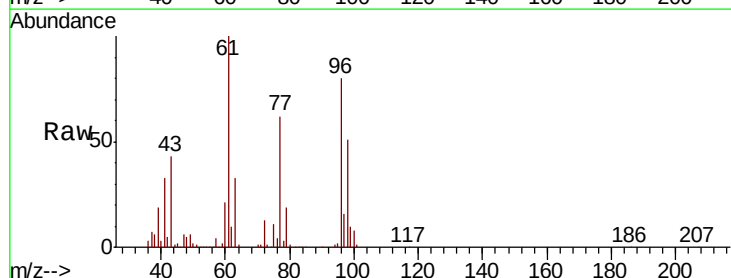
Acq: 01 Nov 2018 01:13

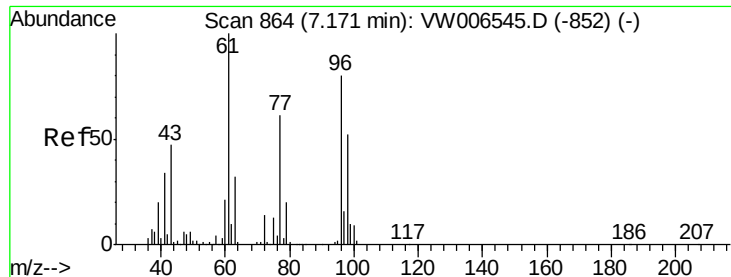
Tgt Ion: 77 Resp: 178801

Ion Ratio Lower Upper

77 100

97 25.5 12.8 38.4





#27

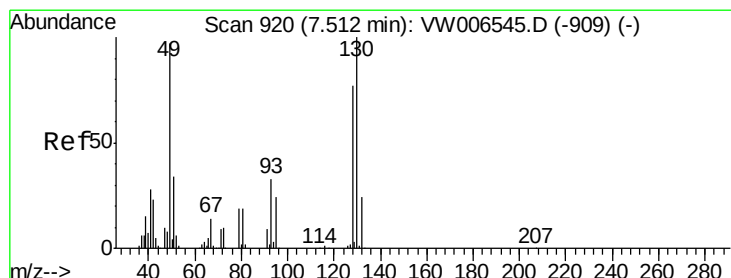
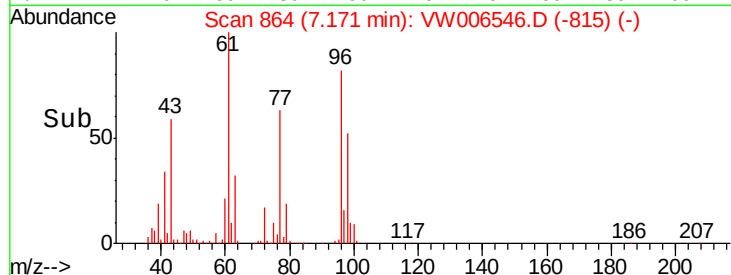
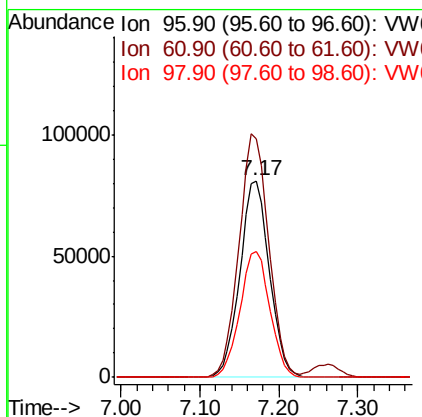
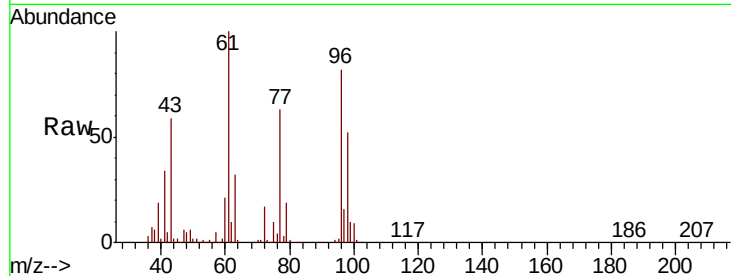
cis-1,2-Dichloroethene
Concen: 72.016 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
96	100		
61	125.5	0.0	254.2
98	65.0	0.0	129.6

Manual Integrations
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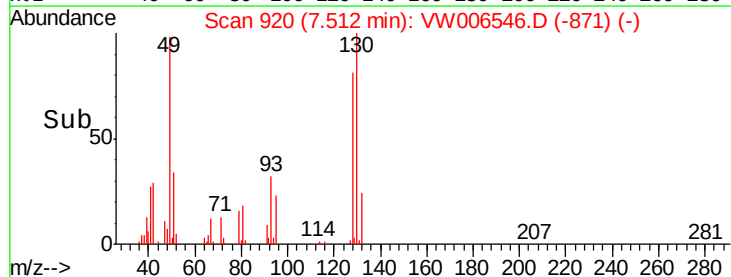
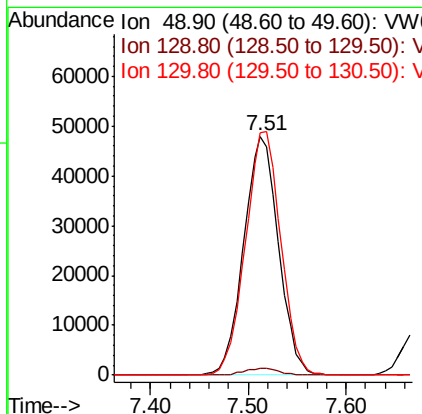
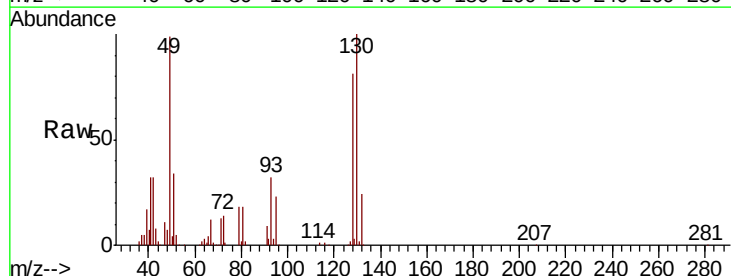
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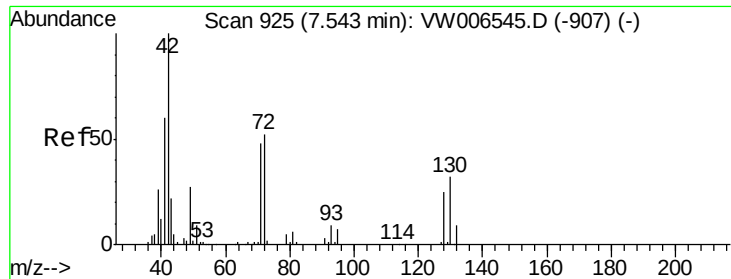


#28

Bromochloromethane
Concen: 71.047 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.6
130	103.5	82.2	123.2





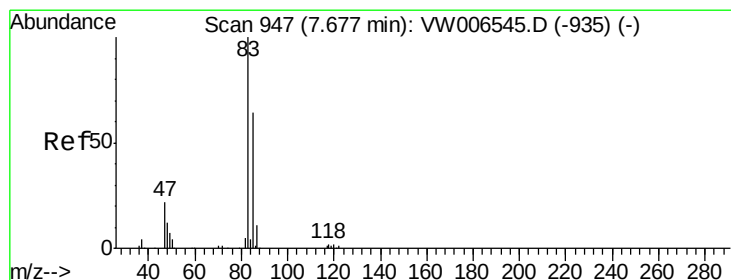
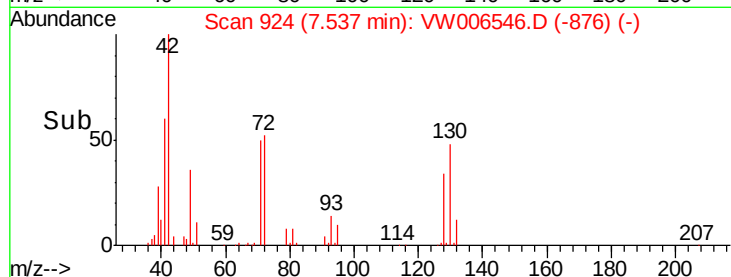
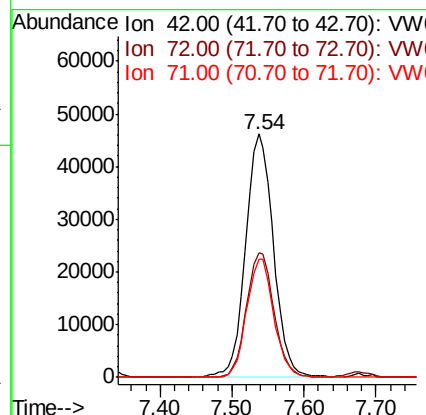
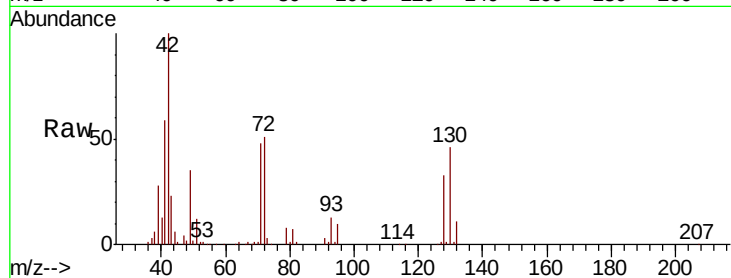
#29
Tetrahydrofuran
Concen: 320.930 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.4	39.2	58.8
71	47.2	37.6	56.4

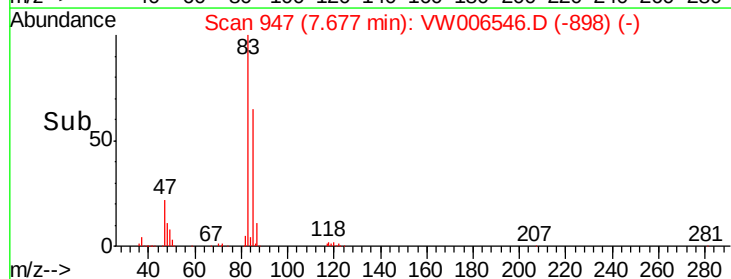
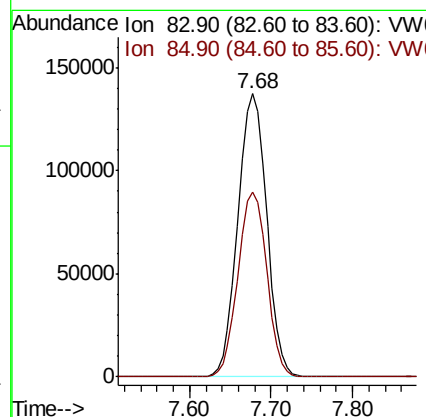
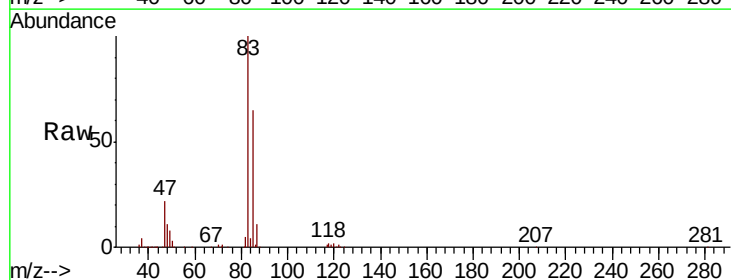
Manual Integrations
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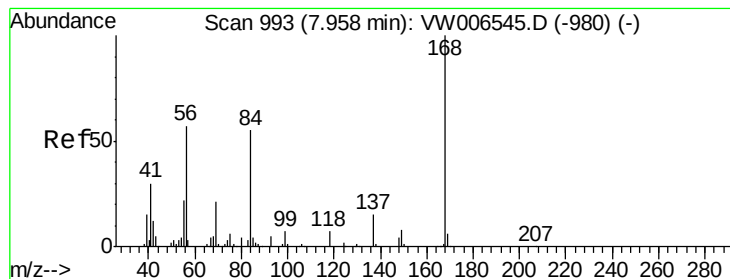
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#30
Chloroform
Concen: 71.015 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.3	76.9





#31

Cyclohexane

Concen: 60.652 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Instrument :

MSVOA_W

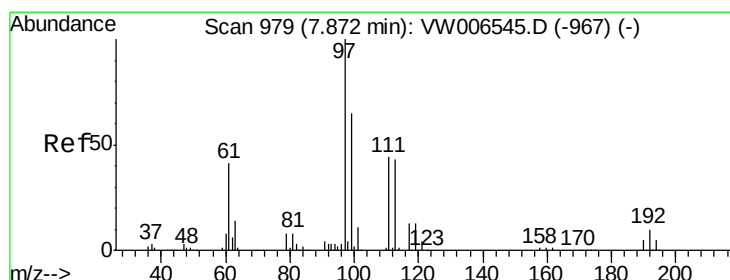
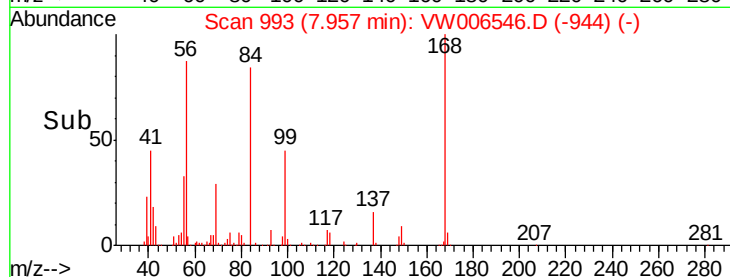
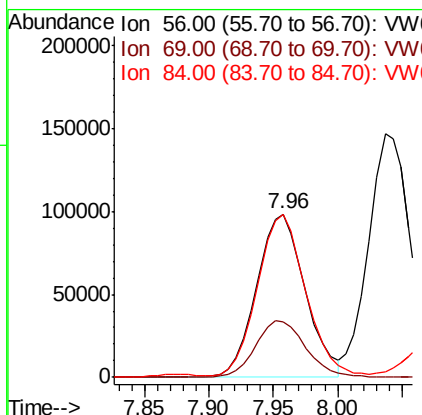
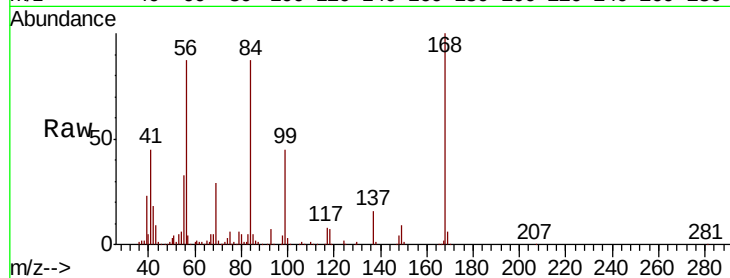
ClientSampleId :

VSTDIC075

Tot Ion:	56	Resp:	257462
Ion	Ratio	Lower	Upper
56	100		
69	34.0	29.0	43.4
84	98.4	77.8	116.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 67.819 ug/l

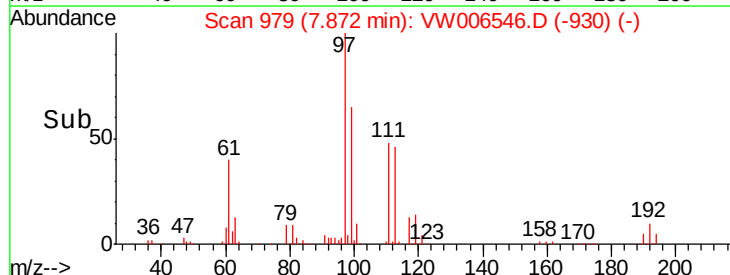
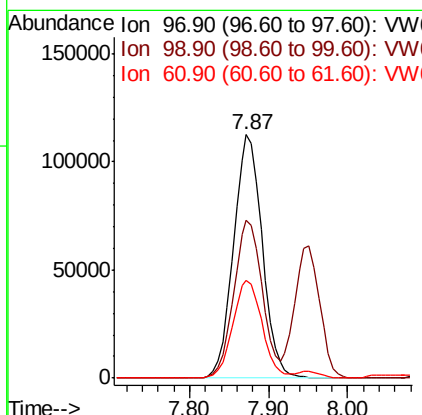
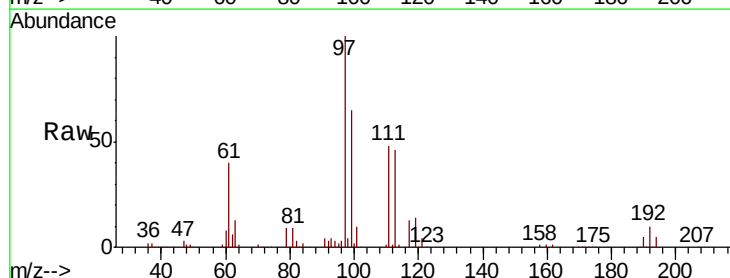
RT: 7.87 min Scan# 979

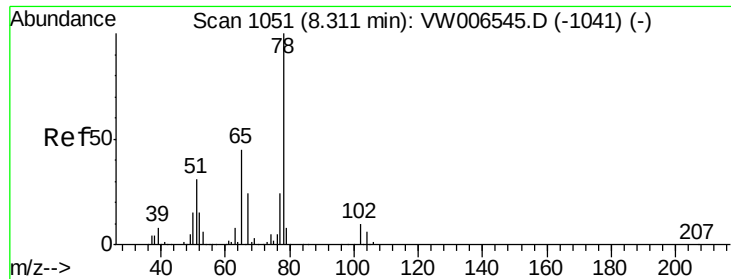
Delta R.T. -0.00 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Tgt Ion:	97	Resp:	285475
Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.7	77.5
61	40.8	32.9	49.3





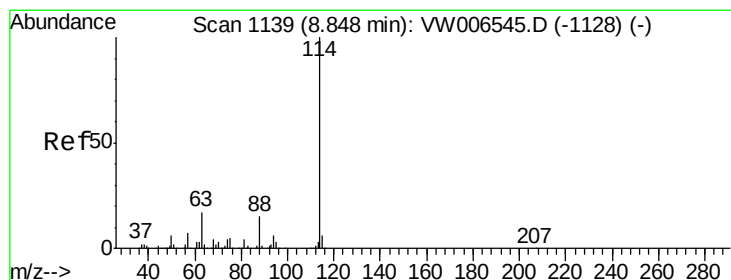
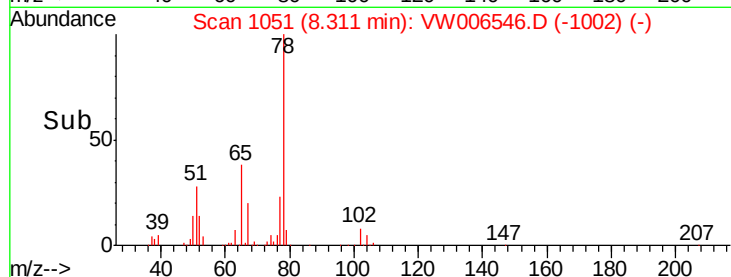
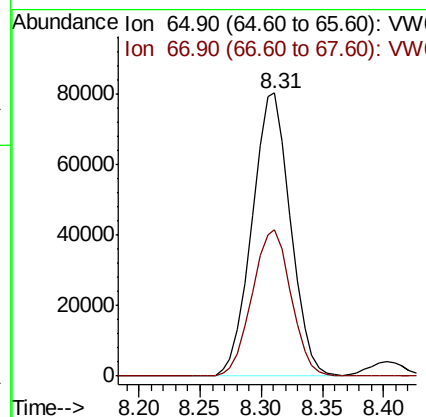
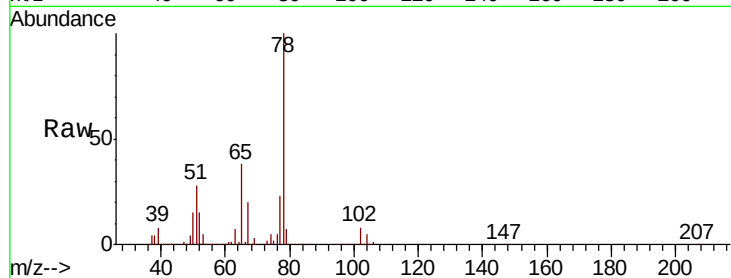
#33
 1,2-Dichloroethane-d4
 Concen: 73.751 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006546.D
 Acq: 01 Nov 2018 01:13

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
65	100	175326		
67	52.4	0.0	104.4	

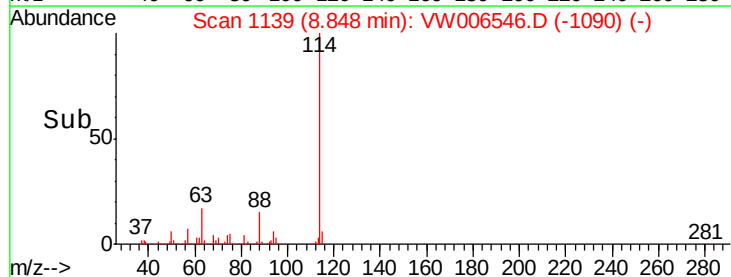
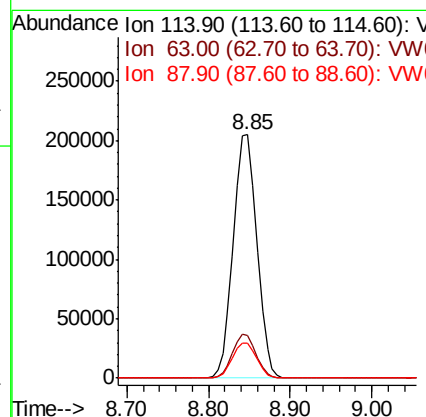
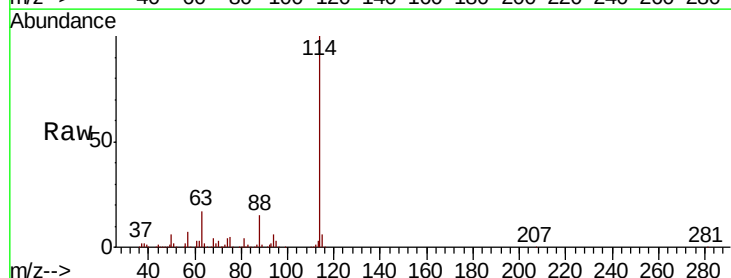
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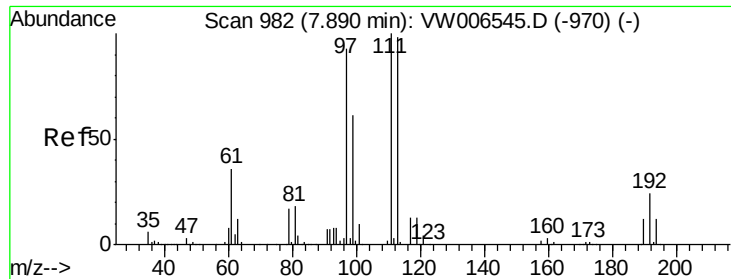
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006546.D
 Acq: 01 Nov 2018 01:13

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	409518		
63	17.4	0.0	34.4	
88	14.6	0.0	29.0	





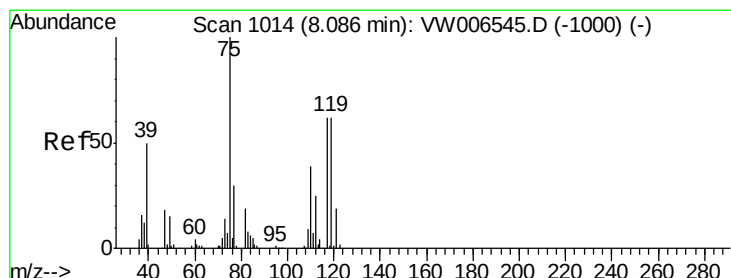
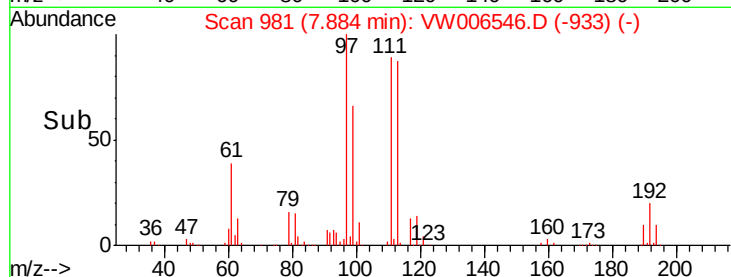
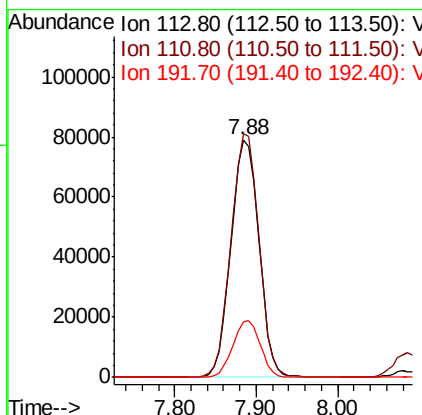
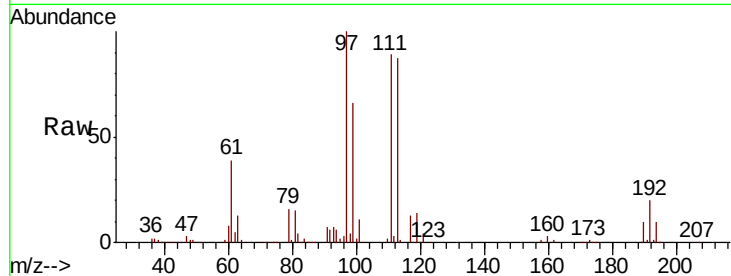
#35
 Dibromofluoromethane
 Concen: 76.401 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006546.D
 Acq: 01 Nov 2018 01:13

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
113	100	187085		
111	102.2	82.2	123.2	
192	23.5	19.0	28.6	

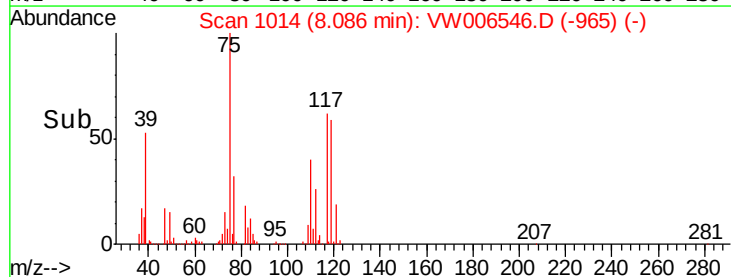
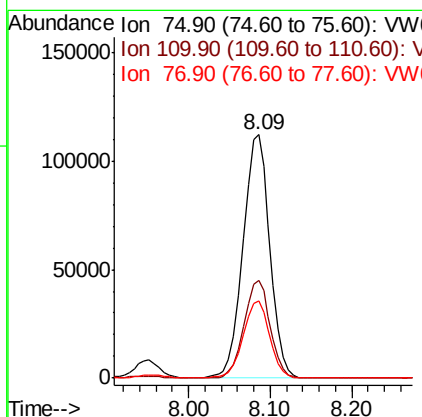
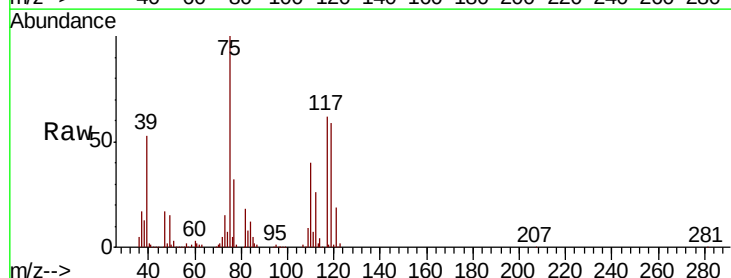
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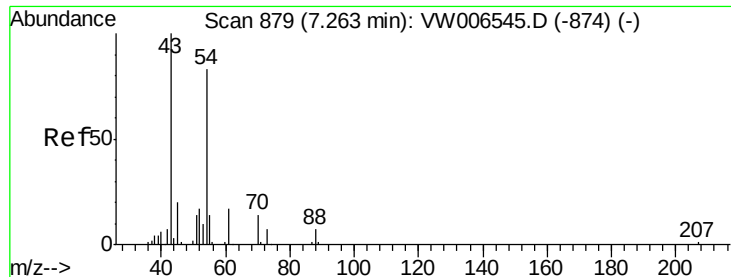
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#36
 1,1-Dichloropropene
 Concen: 68.155 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW006546.D
 Acq: 01 Nov 2018 01:13

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	255385		
110	39.1	19.5	58.5	
77	31.5	24.6	37.0	





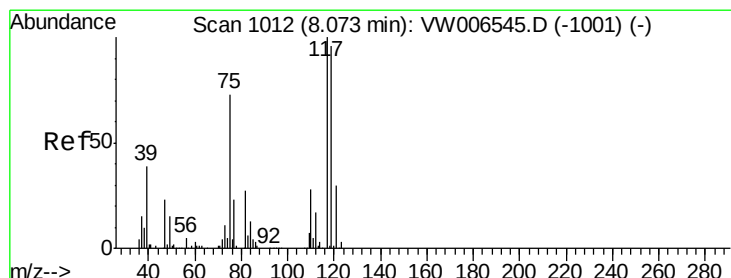
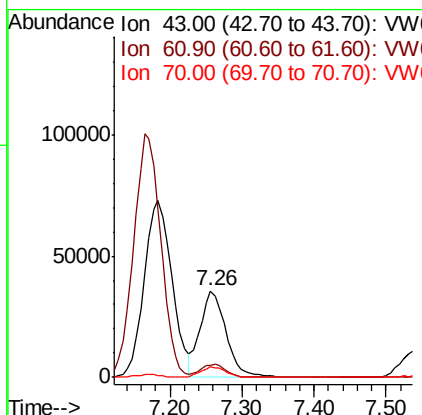
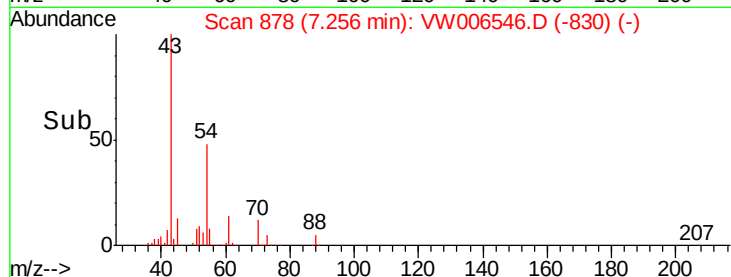
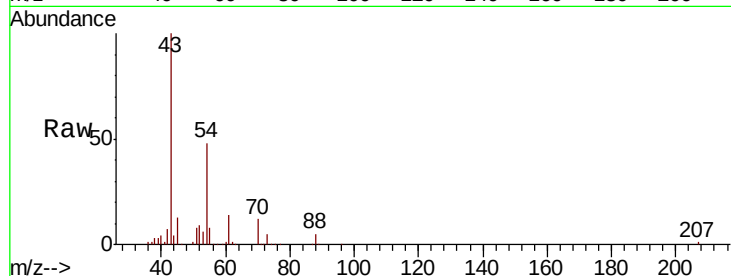
#37
Ethyl Acetate
Concen: 64.359 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	12.1	18.1
70	11.8	9.8	14.6

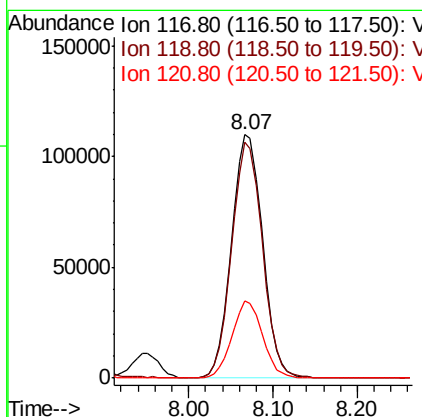
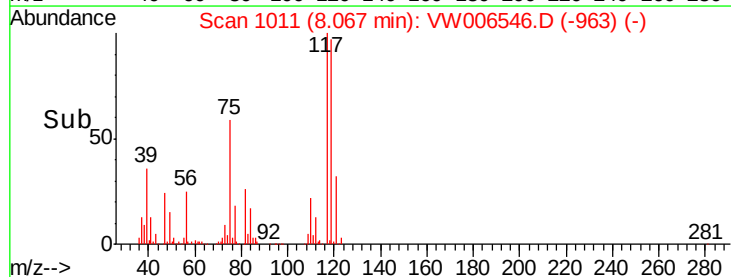
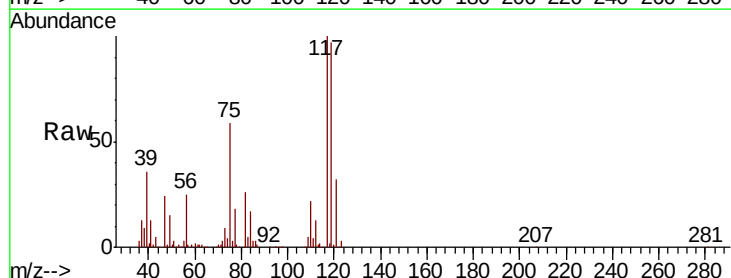
Manual Integrations
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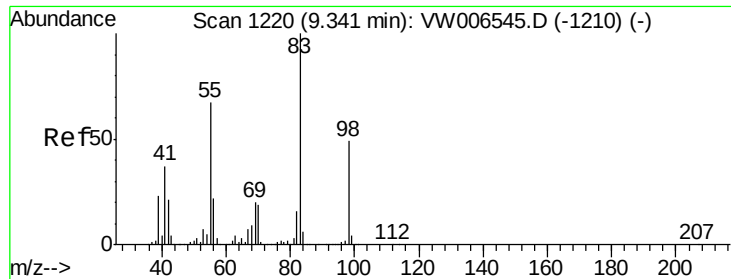
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#38
Carbon Tetrachloride
Concen: 67.388 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	76.3	114.5
121	31.8	24.1	36.1





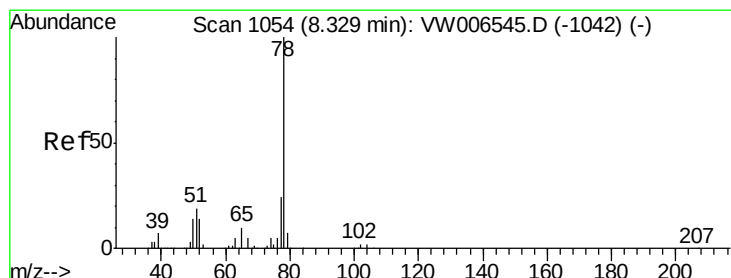
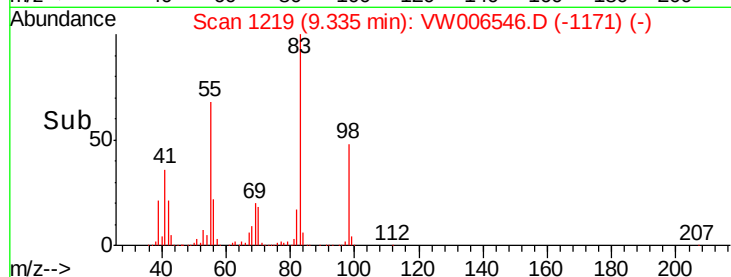
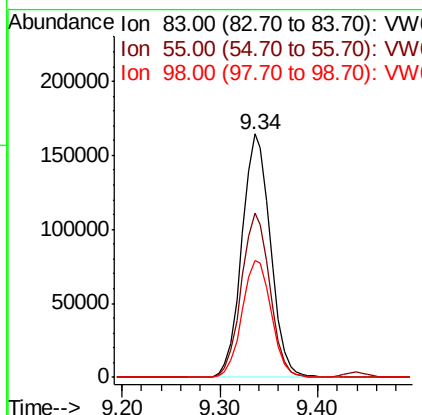
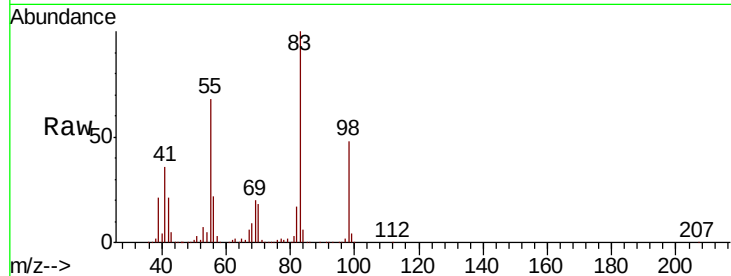
#39
Methylvlcyclohexane
Concen: 67.174 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.7	53.7	80.5
98	48.0	39.2	58.8

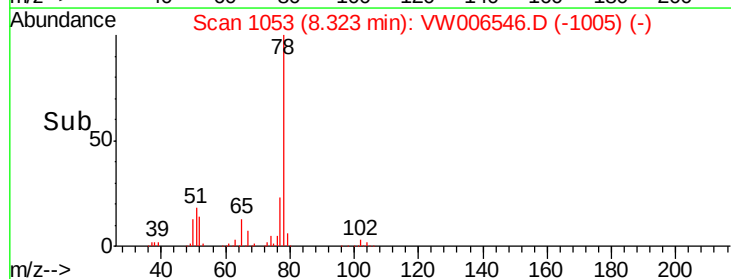
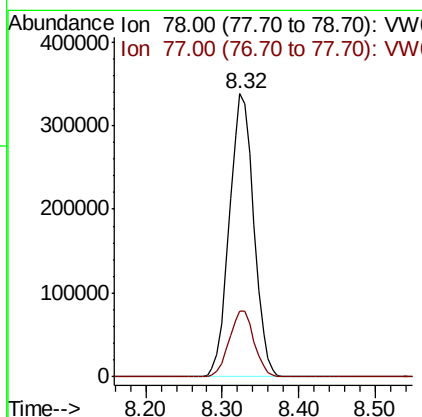
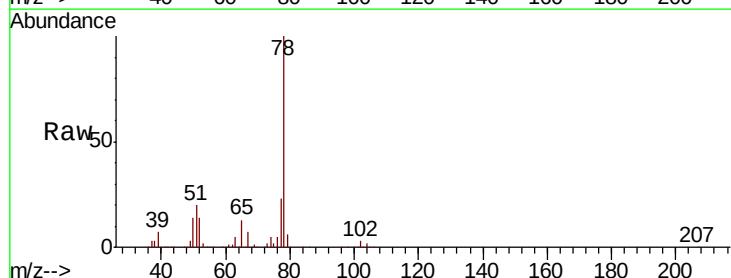
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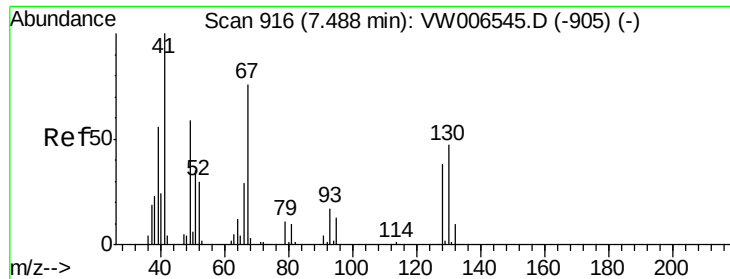
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#40
Benzene
Concen: 71.780 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.2	28.8





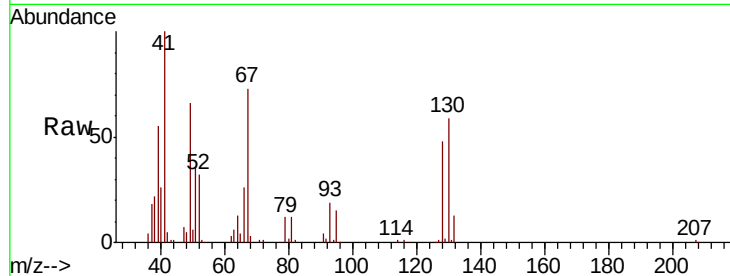
#41
Methacrylonitrile
Concen: 61.450 ug/l
RT: 7.49 min Scan# 916
Delta R.T. -0.00 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	62.1	44.5	66.7	
67	84.0	63.8	95.8	
52	34.2	26.3	39.5	

Manual Integrations
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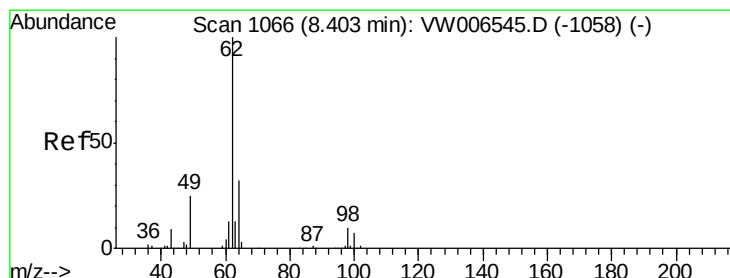
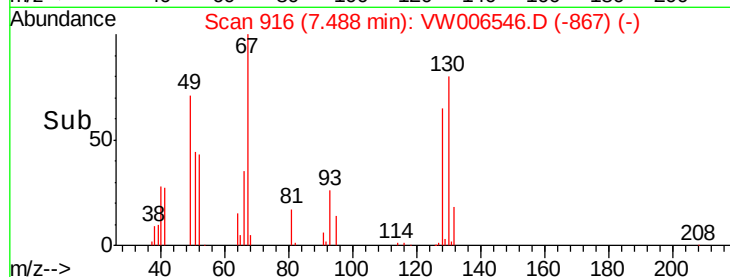
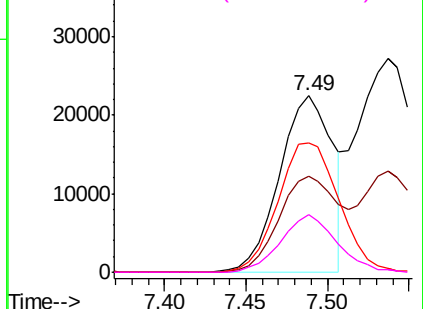
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

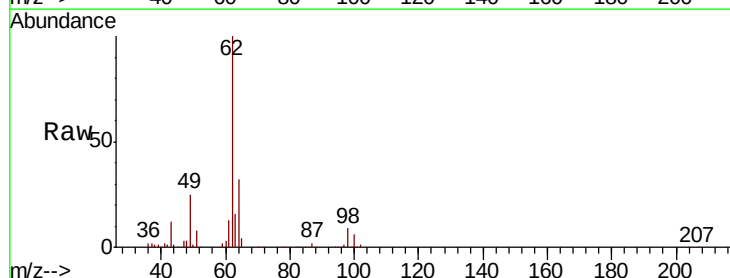
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 69.091 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

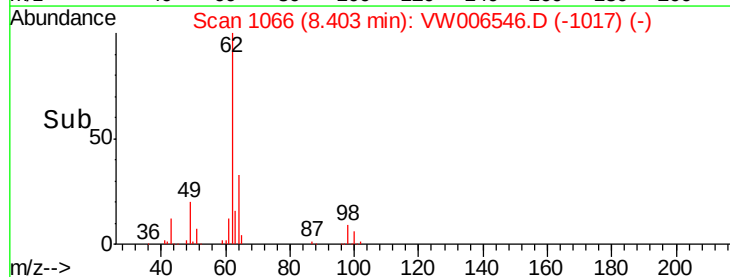
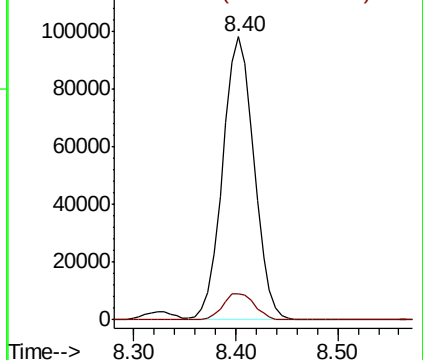
Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.6	0.0	19.8	

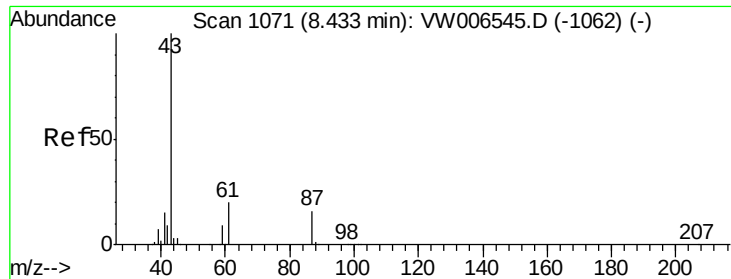


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





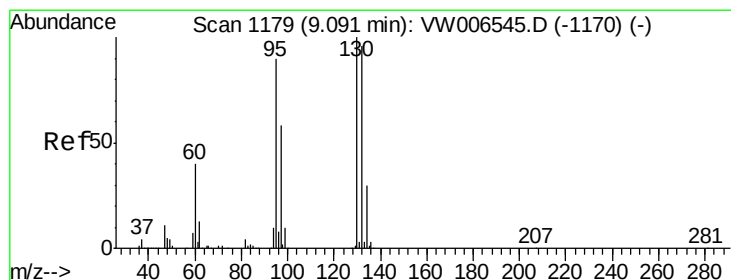
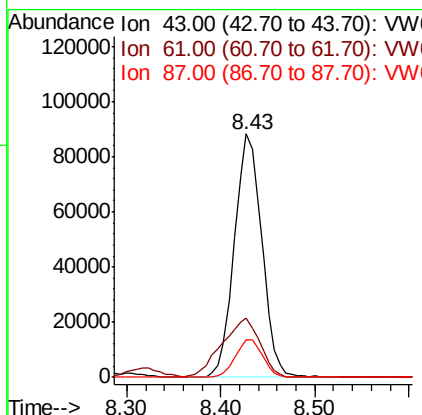
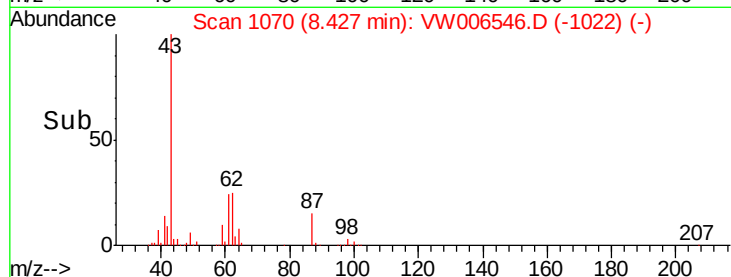
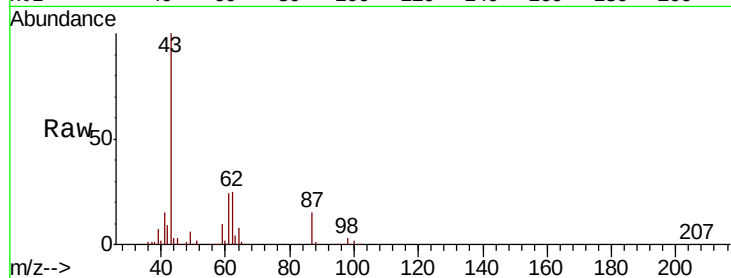
#43
Isopropyl Acetate
Concen: 63.576 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. -0.01 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
43	100		
61	33.6	27.2	40.8
87	15.8	12.9	19.3

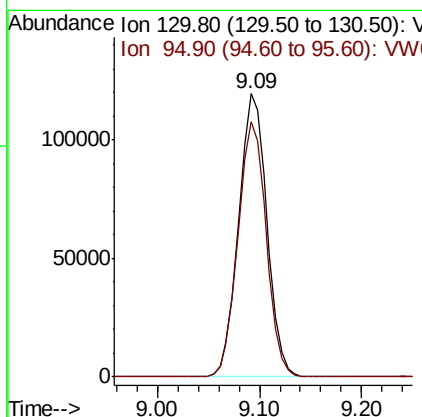
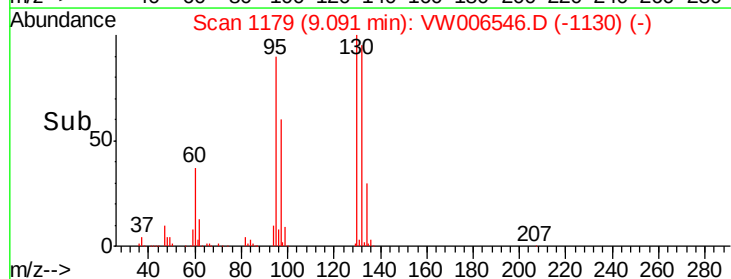
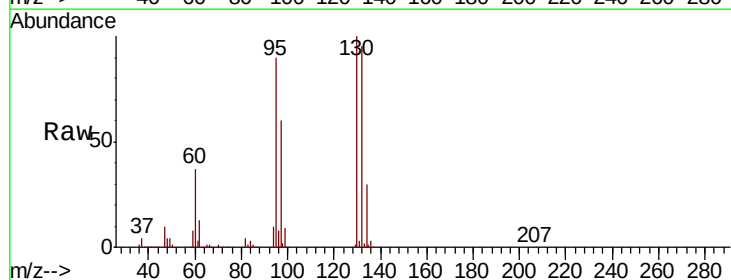
Manual Integrations
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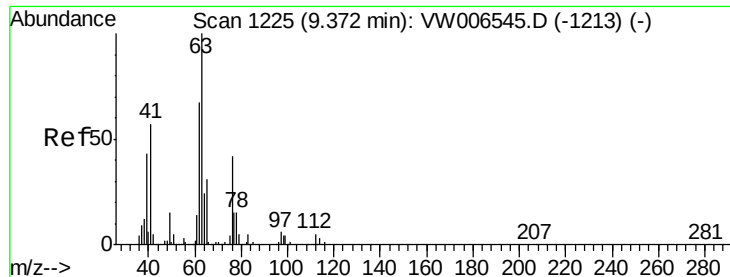
apatel
11/2/2018 3:11:36 PM



#44
Trichloroethene
Concen: 72.080 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.3	0.0	179.2





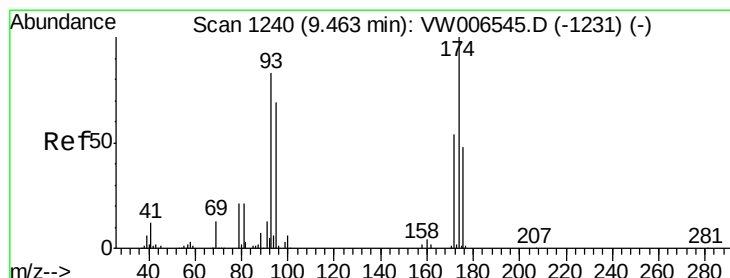
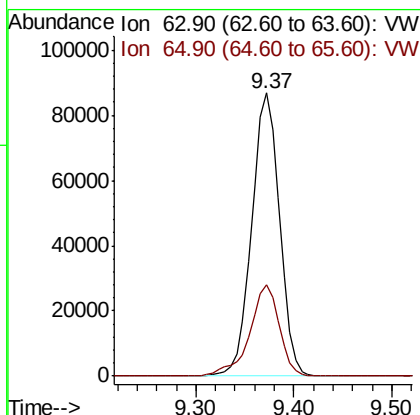
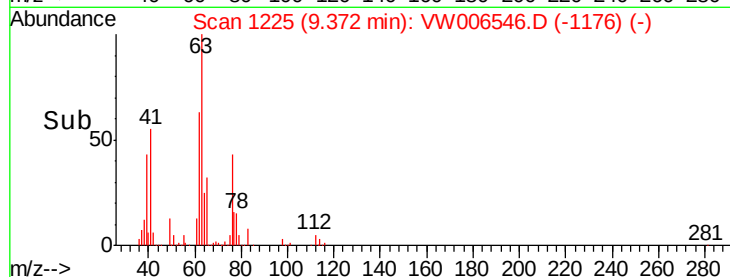
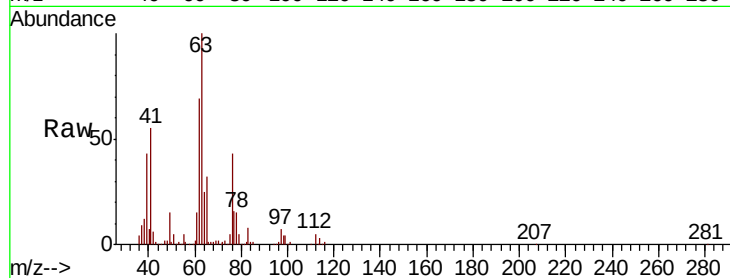
#45
 1,2-Dichloropropane
 Concen: 69.820 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW006546.D
 Acq: 01 Nov 2018 01:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.1	37.7

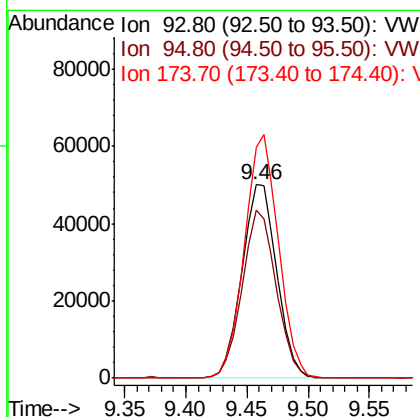
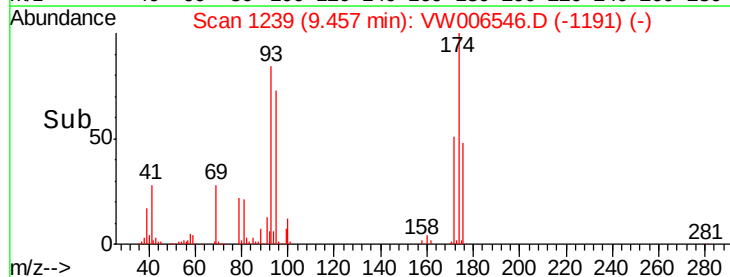
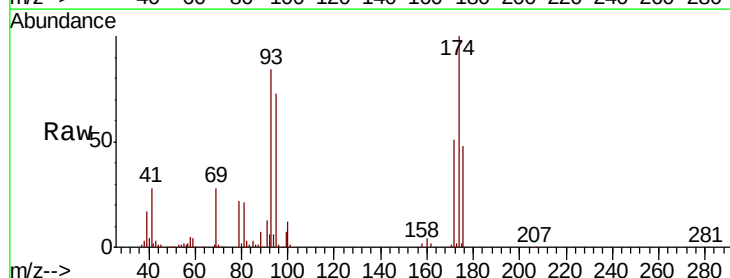
Manual Integrations
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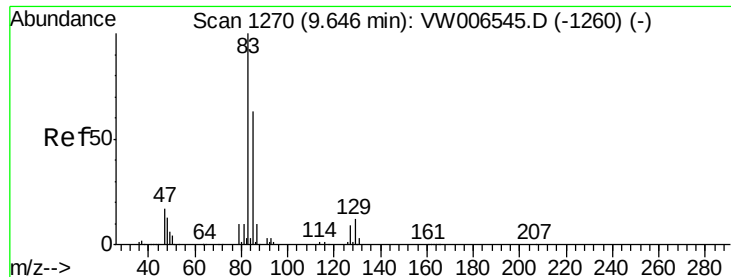
apatel
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#46
 Dibromomethane
 Concen: 70.389 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW006546.D
 Acq: 01 Nov 2018 01:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.7	67.2	100.8
174	123.1	97.3	145.9





#47

Bromodichloromethane

Concen: 71.620 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Instrument :

MSVOA_W

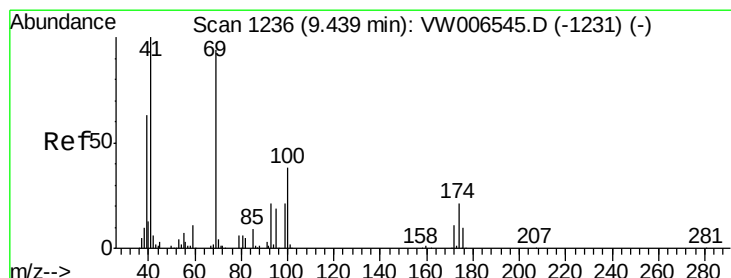
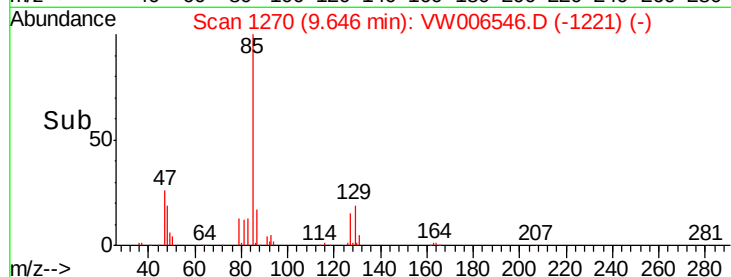
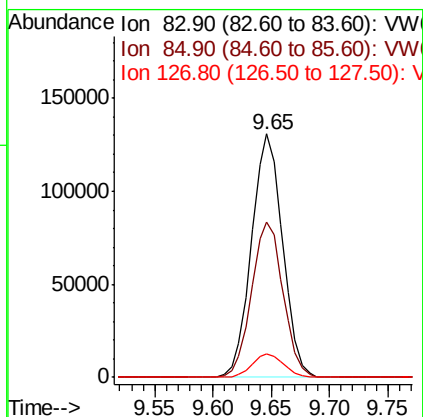
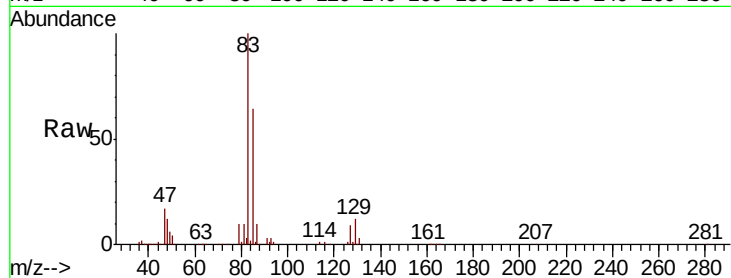
ClientSampleId :

VSTDIC075

Tot Ion:	83	Resp:	244237
Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.6	75.8
127	9.4	7.5	11.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 64.674 ug/l

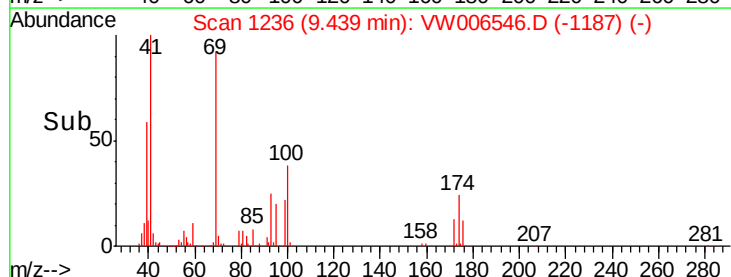
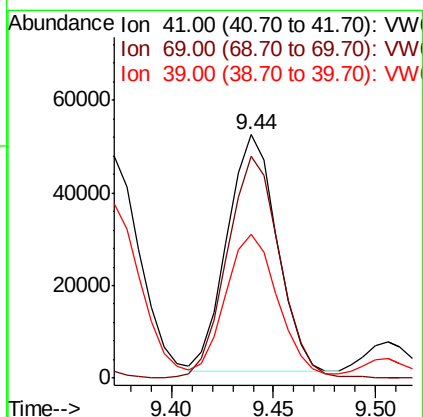
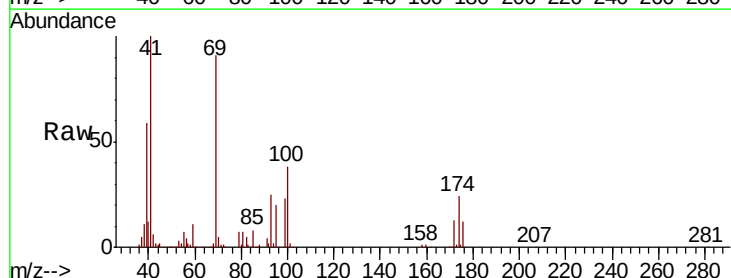
RT: 9.44 min Scan# 1236

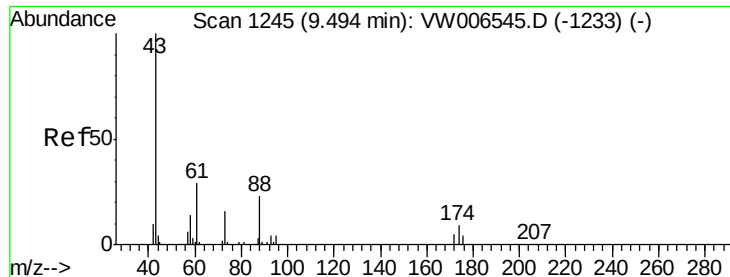
Delta R.T. -0.00 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Tgt Ion:	41	Resp:	86523
Ion	Ratio	Lower	Upper
41	100		
69	98.5	77.8	116.8
39	60.7	48.7	73.1





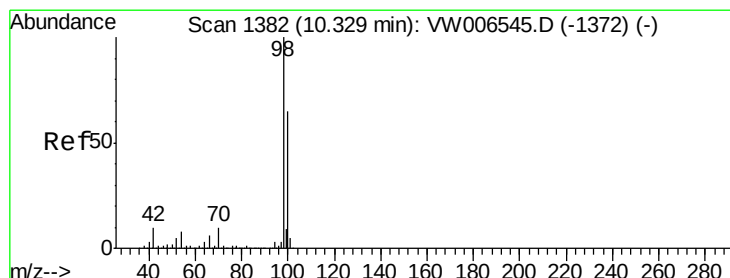
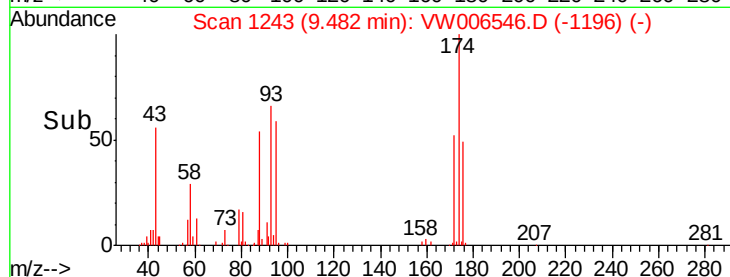
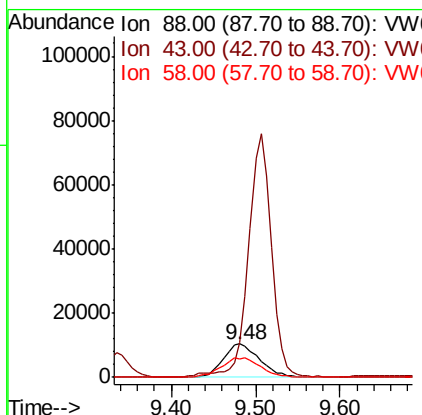
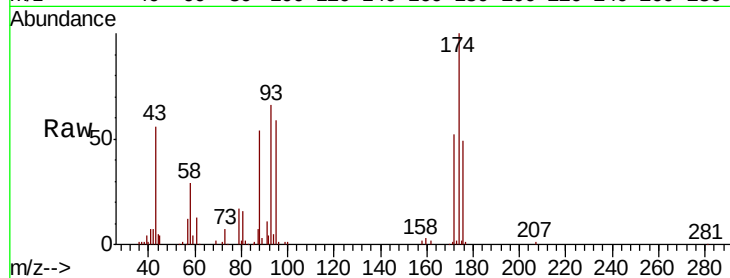
#49
1,4-Dioxane
Concen: 1408.072 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. -0.01 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	356.6	534.8#
58	64.2	51.4	77.2

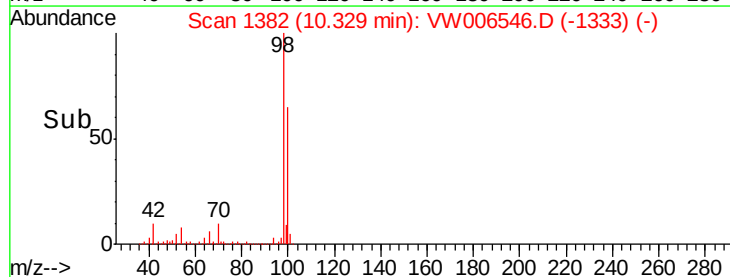
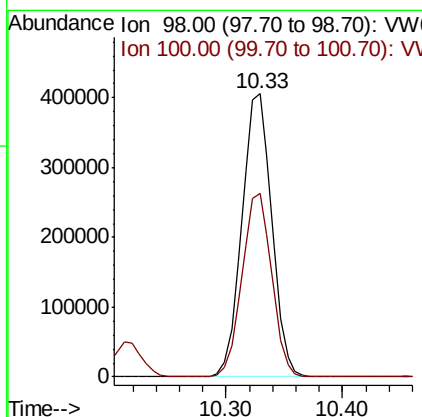
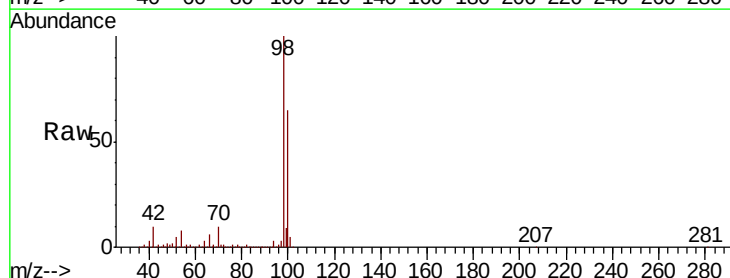
Manual Integrations
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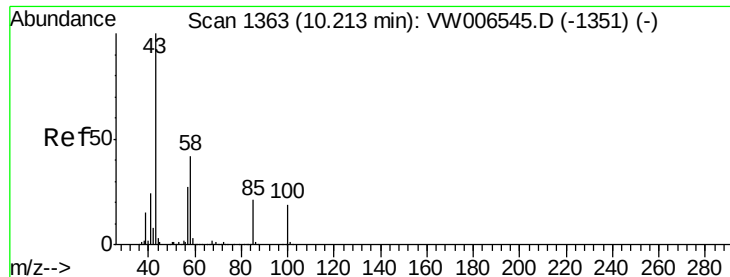
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#50
Toluene-d8
Concen: 77.801 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.6	77.4





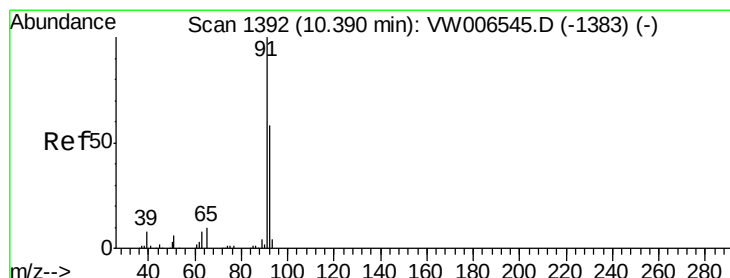
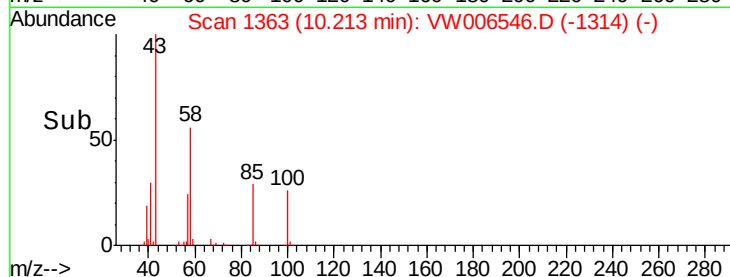
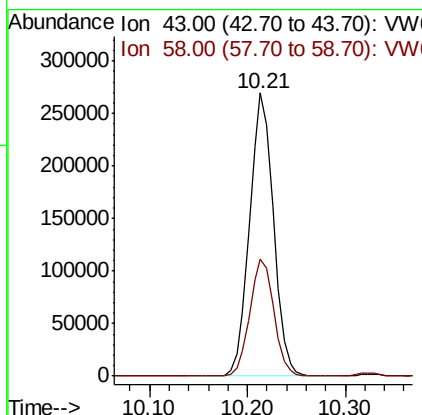
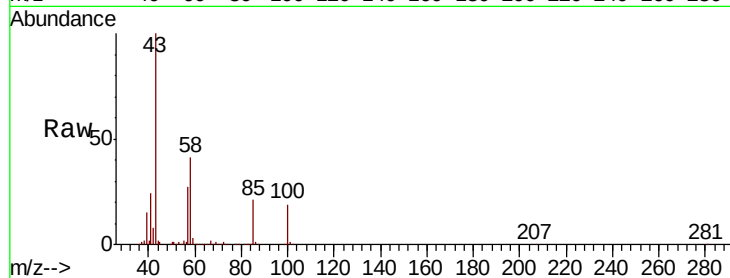
#51
4-Methyl-2-Pentanone
Concen: 321.862 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion: 43 Resp: 456099
Ion Ratio Lower Upper
43 100
58 41.7 33.4 50.0

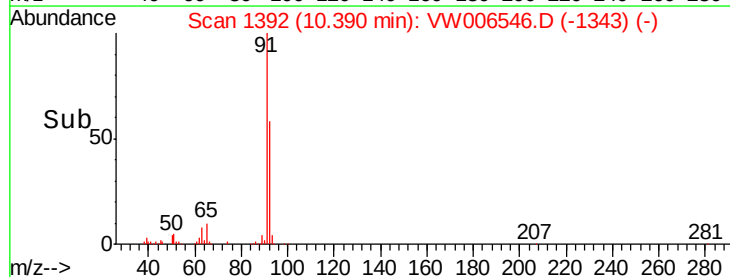
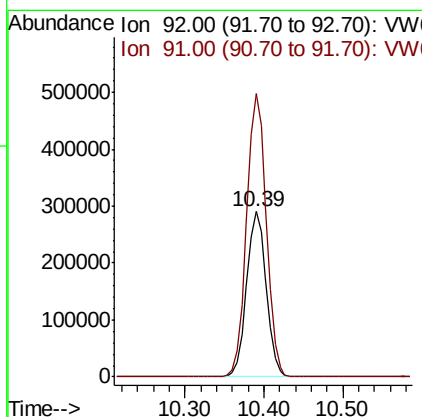
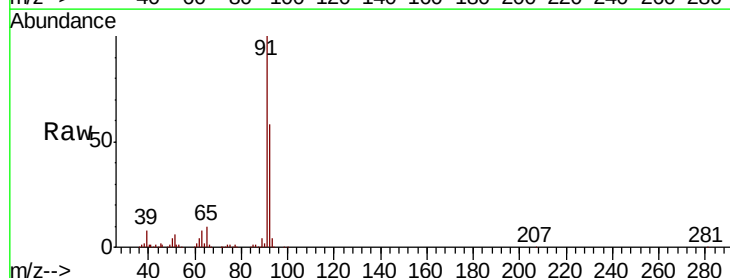
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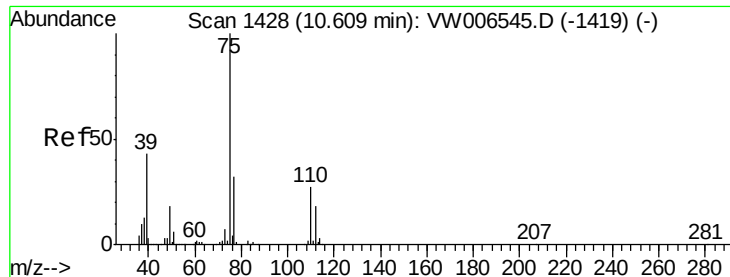
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#52
Toluene
Concen: 72.016 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Tgt Ion: 92 Resp: 500067
Ion Ratio Lower Upper
92 100
91 172.6 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 69.813 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 75 Resp: 236234

Ion Ratio Lower Upper

75 100

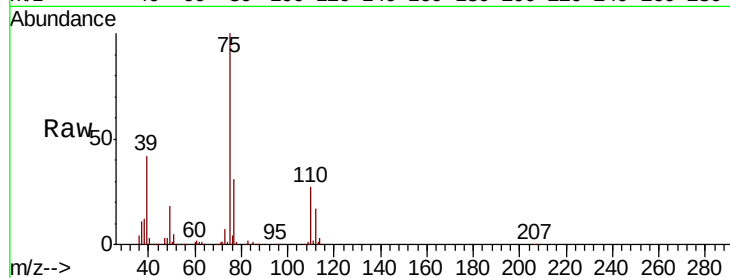
77 31.4 25.6 38.4

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Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.61

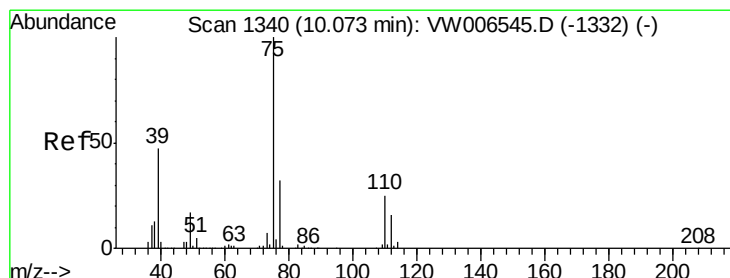
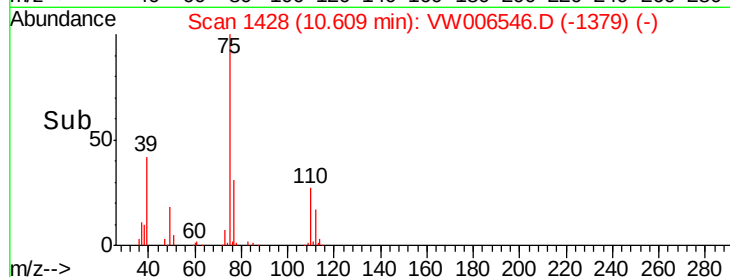
150000

100000

50000

0

Time--> 10.50 10.60 10.70



#54

cis-1,3-Dichloropropene

Concen: 71.588 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

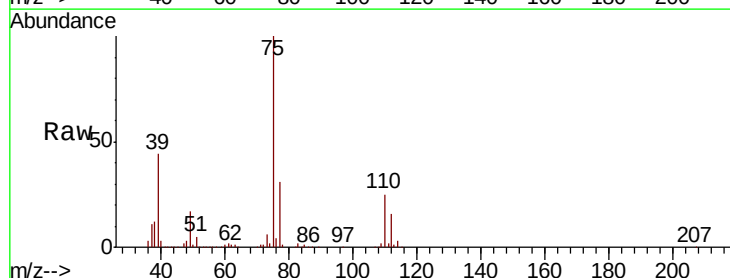
Tgt Ion: 75 Resp: 278668

Ion Ratio Lower Upper

75 100

77 30.9 25.7 38.5

39 44.5 37.3 55.9



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

200000

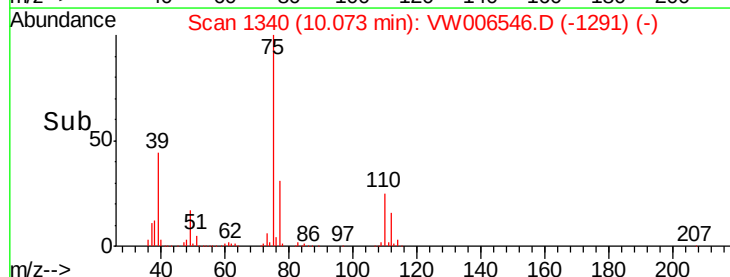
150000

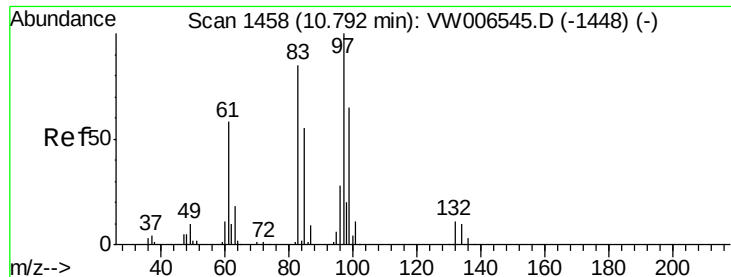
100000

50000

0

Time--> 10.00 10.10





#55

1,1,2-Trichloroethane

Concen: 71.553 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.01 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Instrument :

MSVOA_W

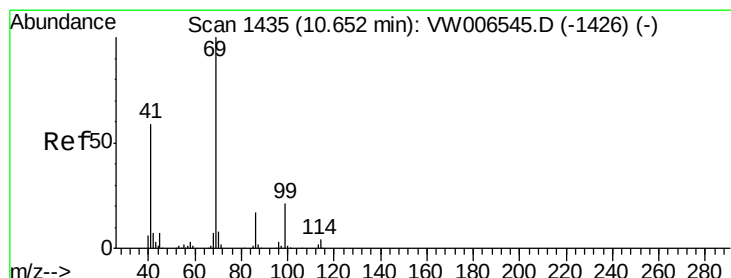
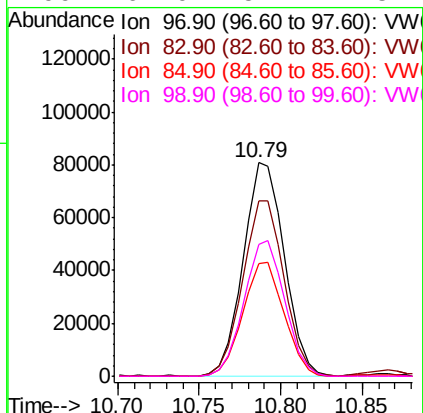
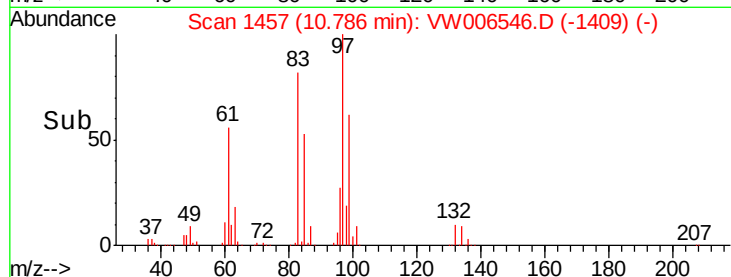
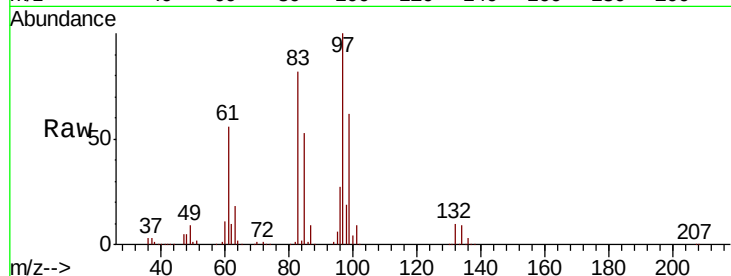
ClientSampled :

VSTDIC075

Tot Ion:	97	Resp:	141644
Ion	Ratio	Lower	Upper
97	100		
83	81.9	67.9	101.9
85	52.6	44.0	66.0
99	62.0	52.2	78.2

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#56

Ethyl methacrylate

Concen: 69.229 ug/l

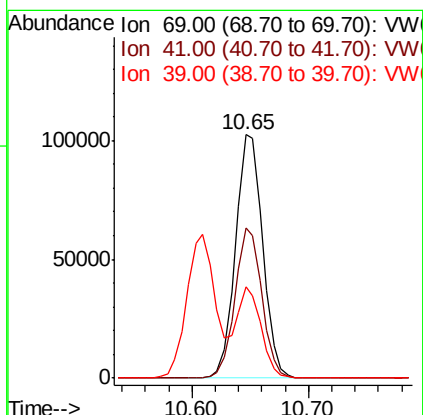
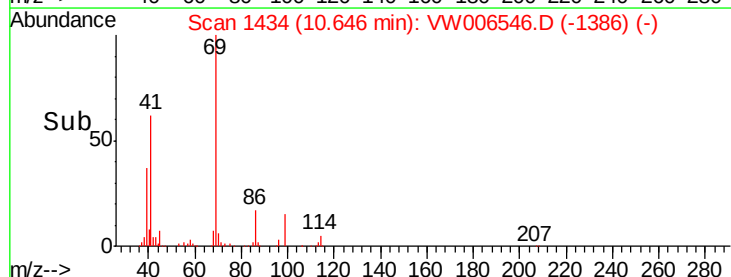
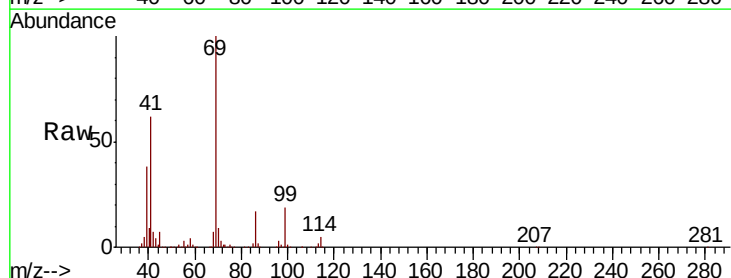
RT: 10.65 min Scan# 1434

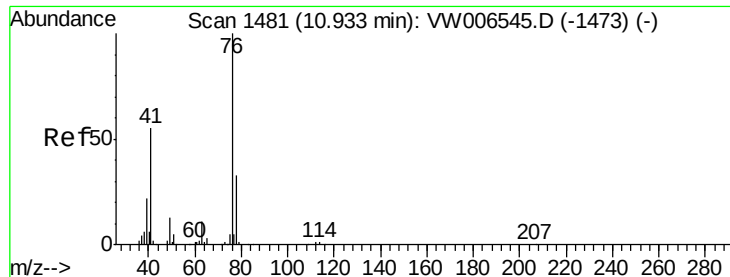
Delta R.T. -0.01 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Tgt Ion:	69	Resp:	166871
Ion	Ratio	Lower	Upper
69	100		
41	60.6	47.4	71.2
39	35.1	25.3	37.9





#57

1,3-Dichloropropane

Concen: 70.889 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

Tot Ion: 76 Resp: 231611

Ion Ratio Lower Upper

76 100

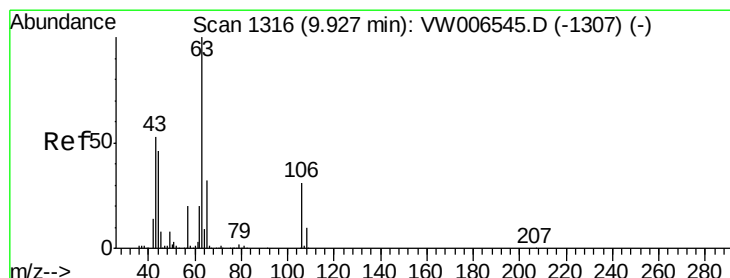
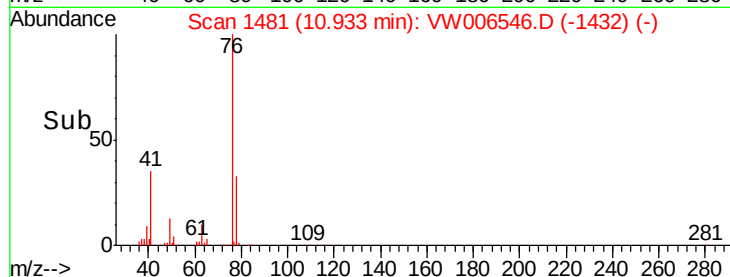
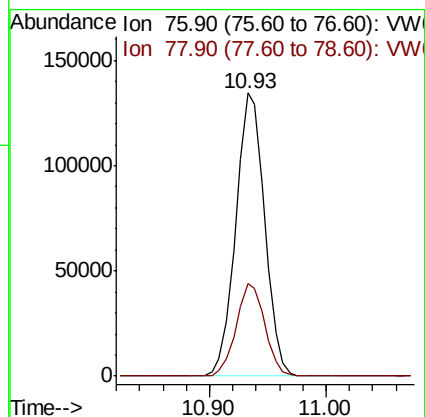
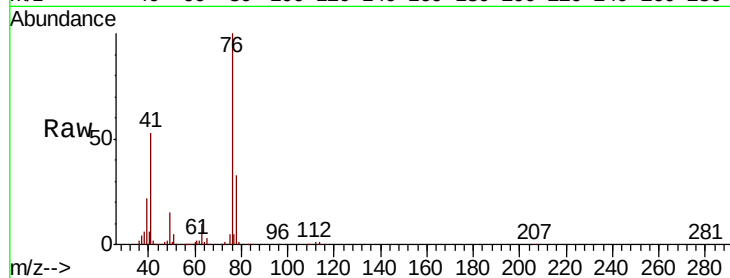
78 32.6 26.2 39.4

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#58

2-Chloroethyl Vinyl ether

Concen: 401.840 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW006546.D

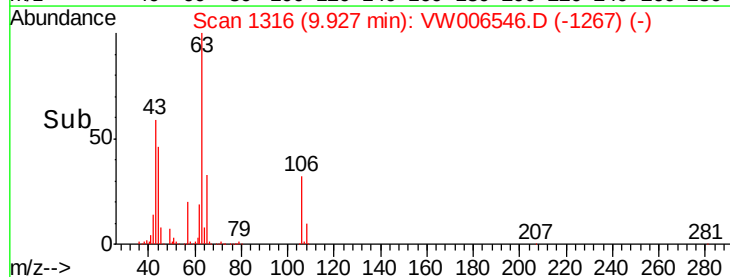
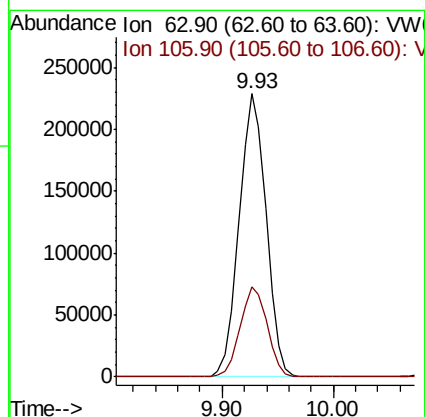
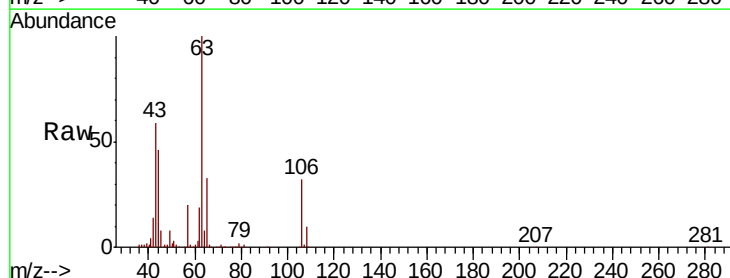
Acq: 01 Nov 2018 01:13

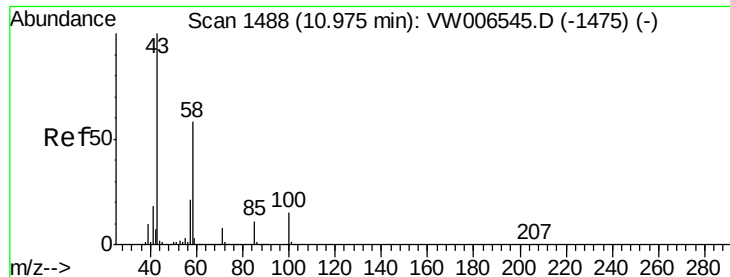
Tgt Ion: 63 Resp: 384825

Ion Ratio Lower Upper

63 100

106 31.8 25.4 38.2





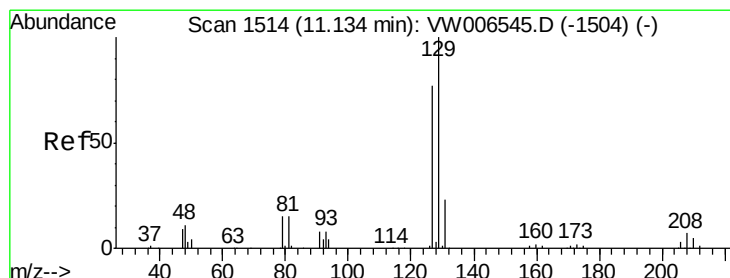
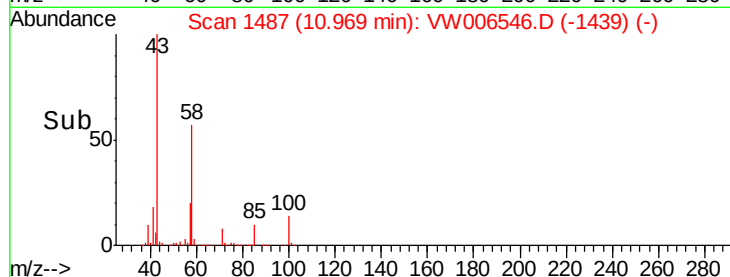
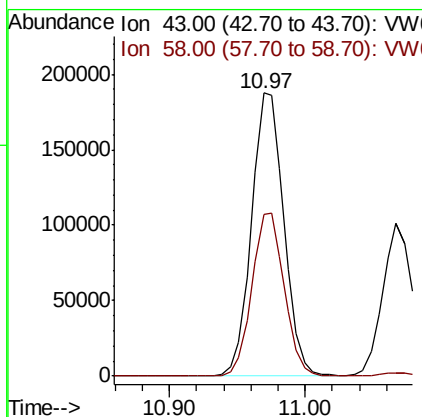
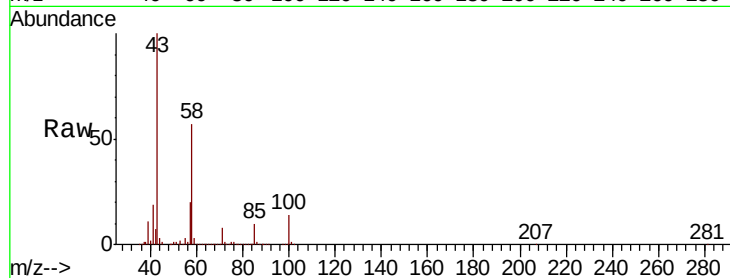
#59
2-Hexanone
Concen: 310.665 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
43	100		
58	57.4	28.8	86.4

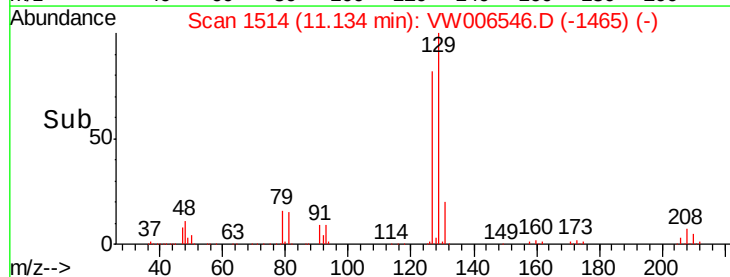
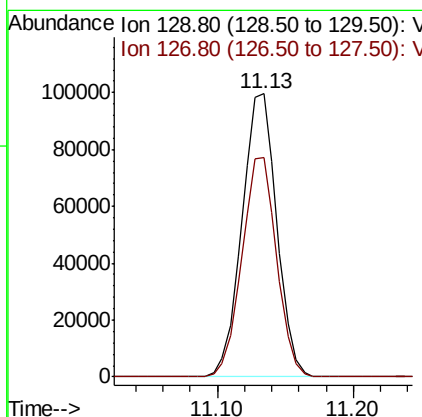
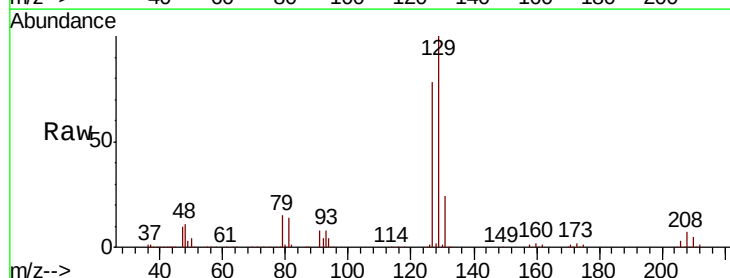
Manual Integrations
APPROVED

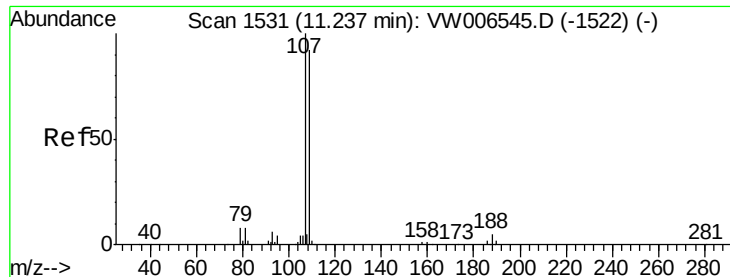
apatel
11/2/2018 3:11:36 PM



#60
Dibromochloromethane
Concen: 72.654 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.2	38.8	116.3





#61

1,2-Dibromoethane

Concen: 71.967 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 107 Resp: 142269

Ion Ratio Lower Upper

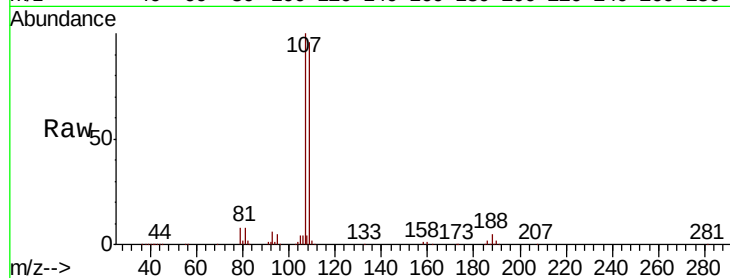
107 100

109 94.8 75.8 113.6

Manual Integrations
APPROVED

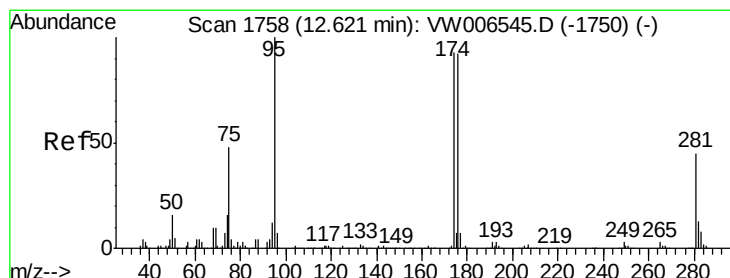
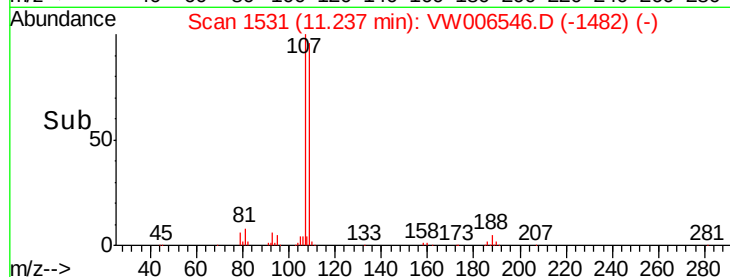
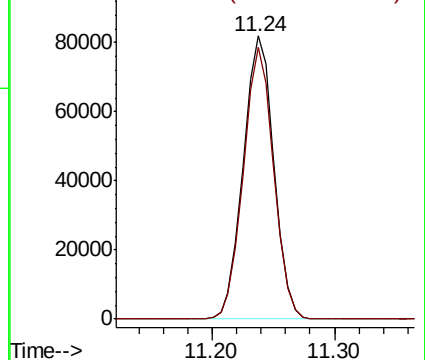
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 76.379 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

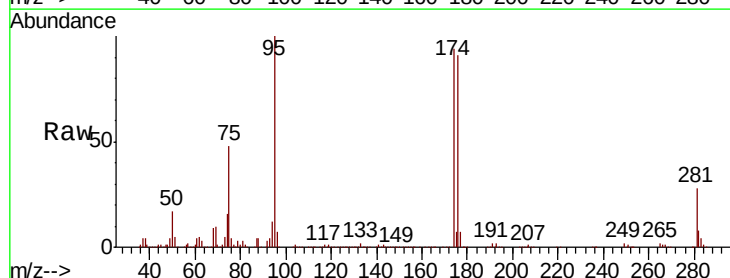
Tgt Ion: 95 Resp: 266189

Ion Ratio Lower Upper

95 100

174 95.9 0.0 192.4

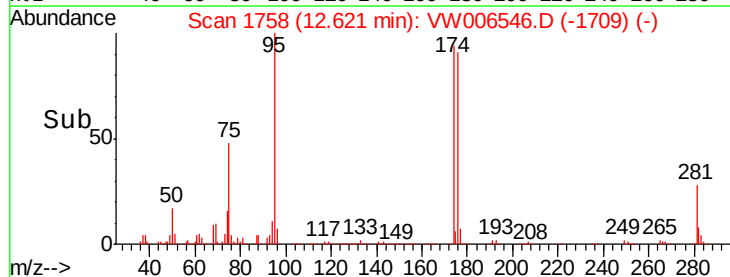
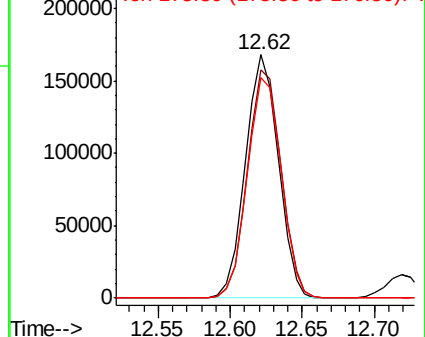
176 92.9 0.0 187.4

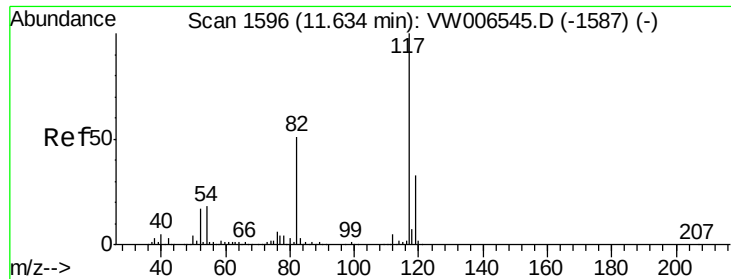


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





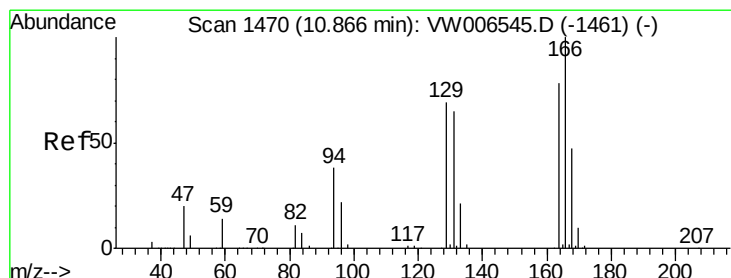
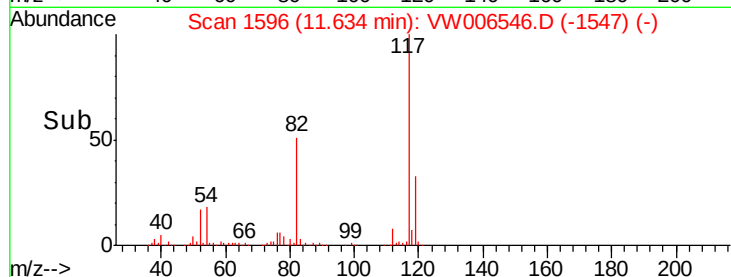
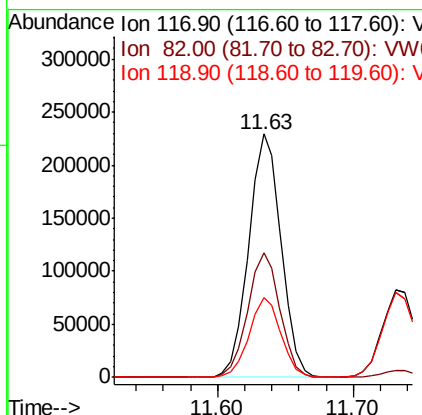
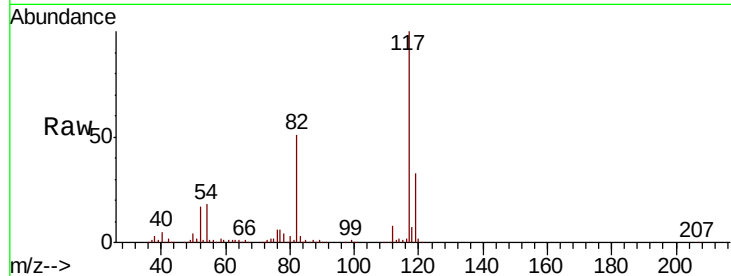
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.3	40.8	61.2
119	32.8	26.1	39.1

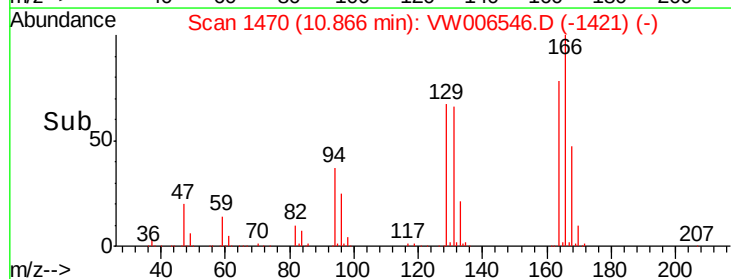
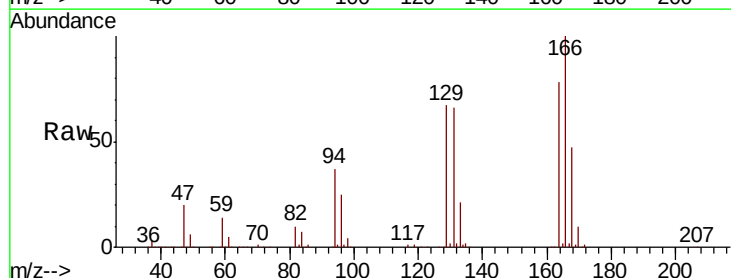
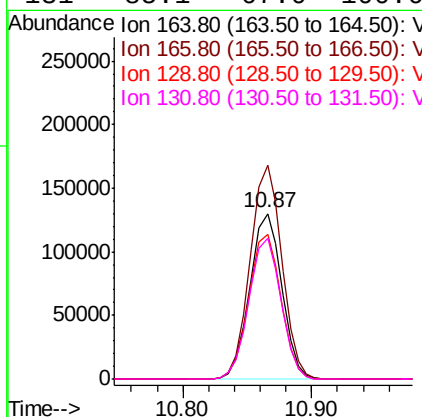
Manual Integrations
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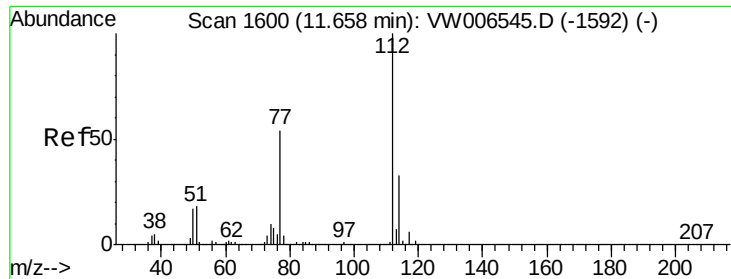
apatel
11/2/2018 3:11:36 PM



#64
Tetrachloroethene
Concen: 74.107 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.9	102.8	154.2
129	86.9	70.9	106.3
131	85.1	67.0	100.6





#65

Chlorobenzene

Concen: 71.252 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion:112 Resp: 583566

Ion Ratio Lower Upper

112 100

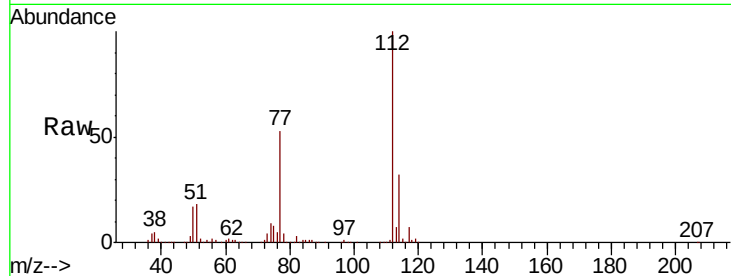
114 32.2 26.2 39.2

Manual Integrations

APPROVED

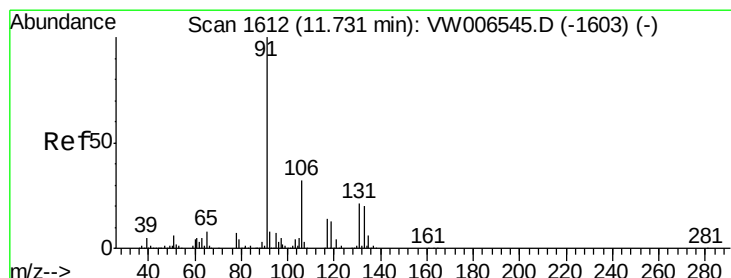
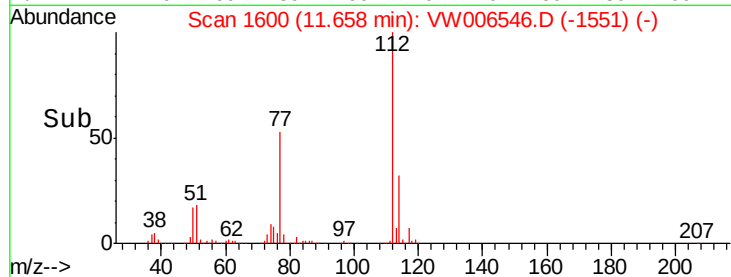
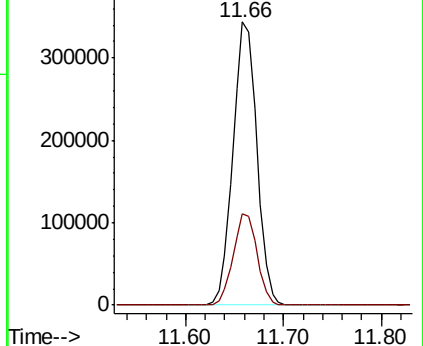
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 72.207 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

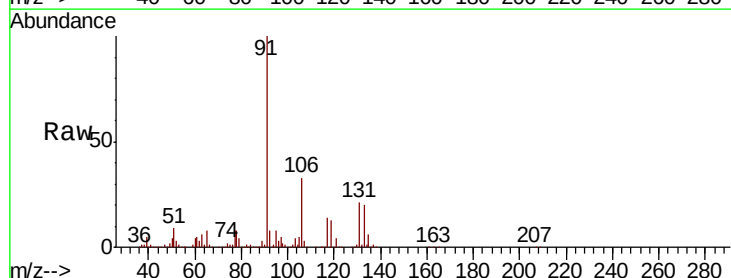
Tgt Ion:131 Resp: 209537

Ion Ratio Lower Upper

131 100

133 95.9 47.5 142.5

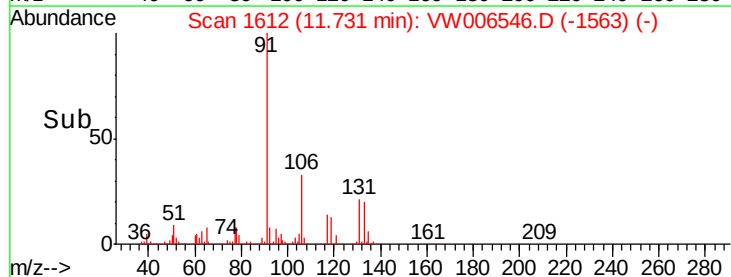
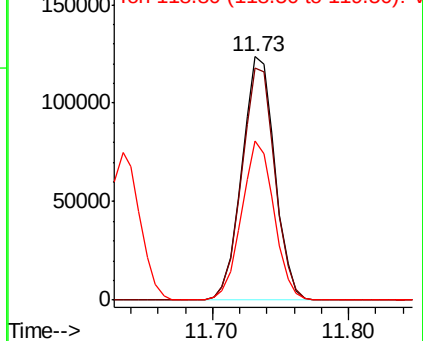
119 64.1 31.9 95.5

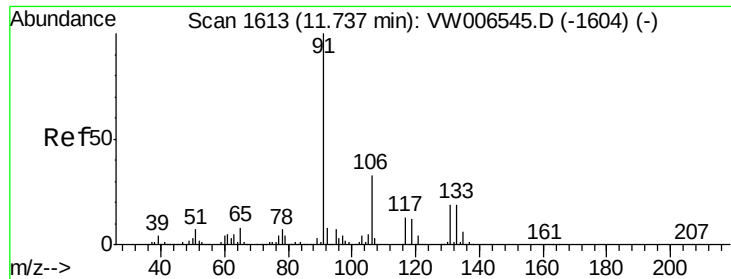


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





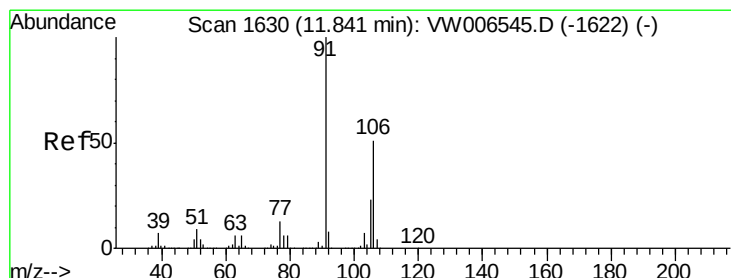
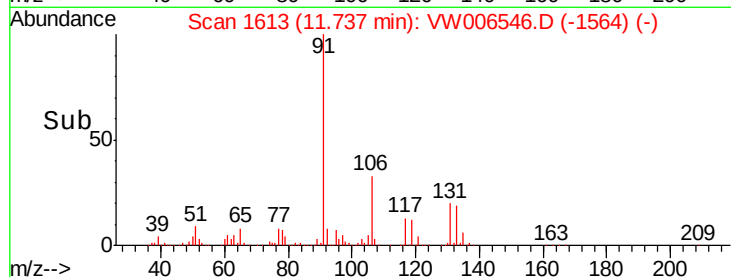
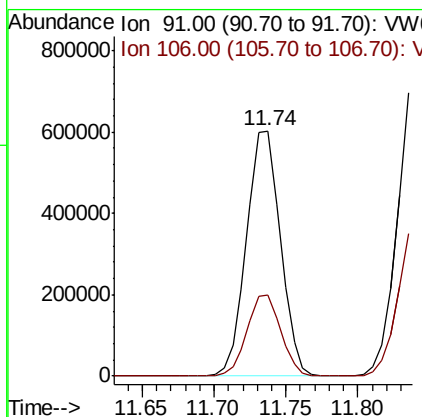
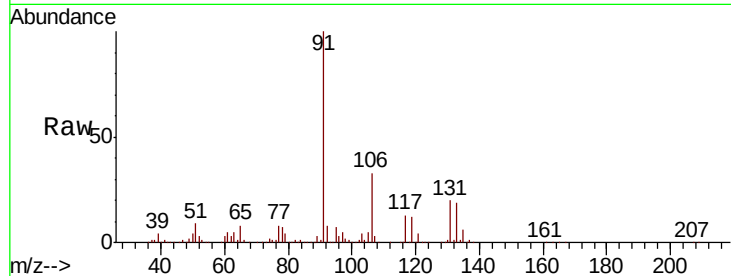
#67
Ethyl Benzene
Concen: 69.613 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
91	100		
106	33.3	26.3	39.5

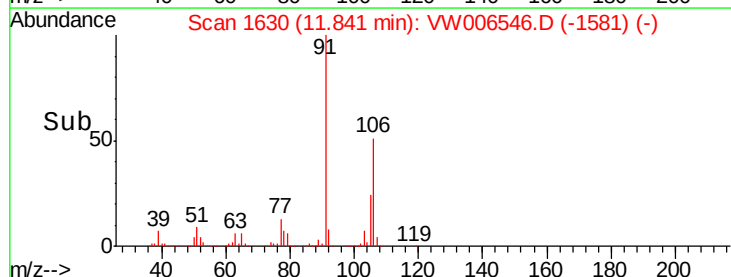
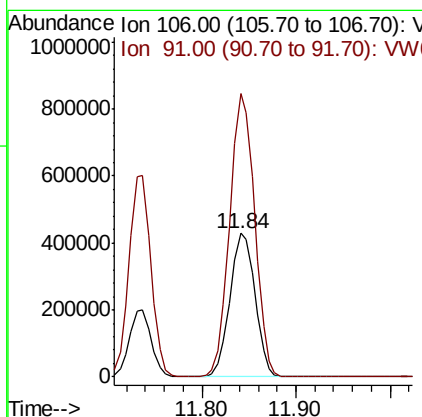
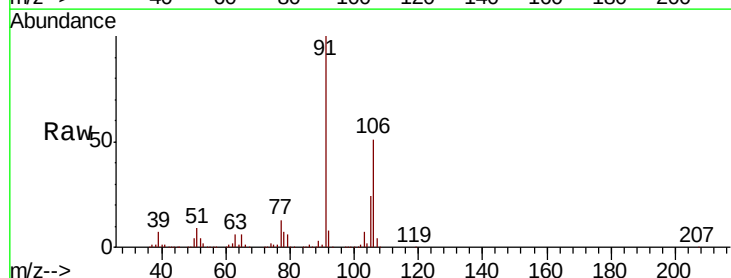
Manual Integrations
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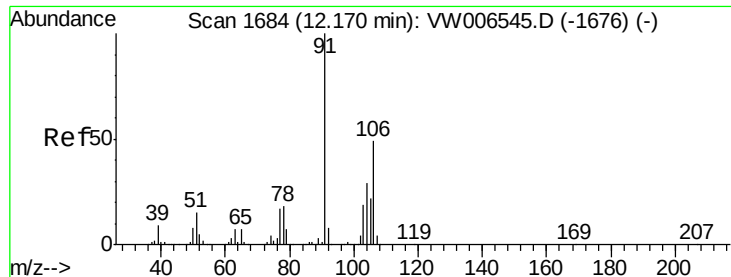
apatel
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#68
m/p-Xylenes
Concen: 142.391 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Tgt Ion	Ratio	Lower	Upper
106	100		
91	195.4	156.7	235.1





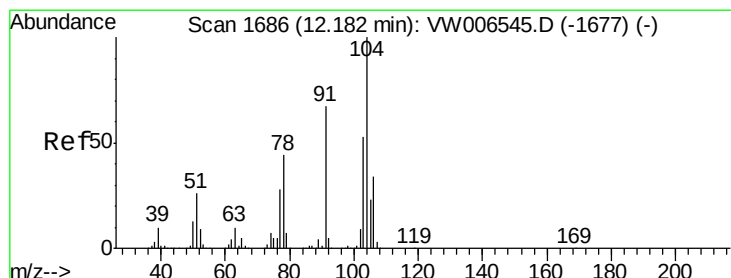
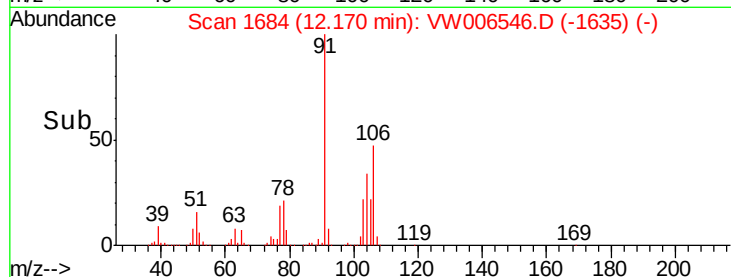
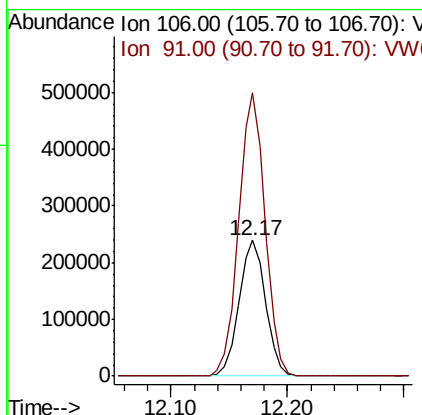
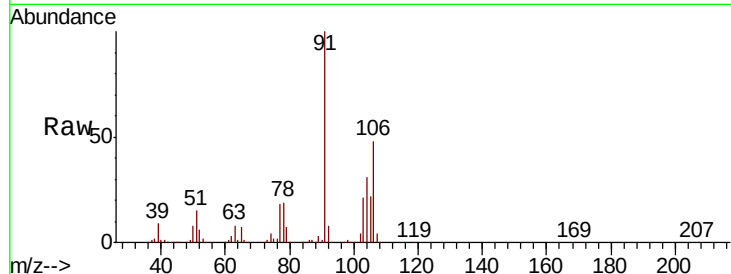
#69
o-Xylene
Concen: 71.431 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	206.6	102.8	380726	308.4

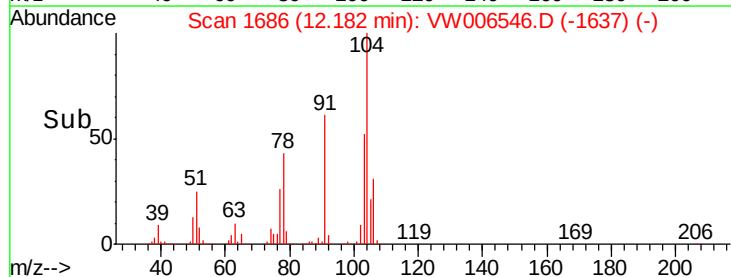
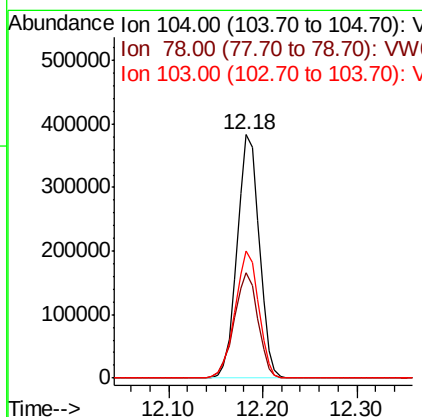
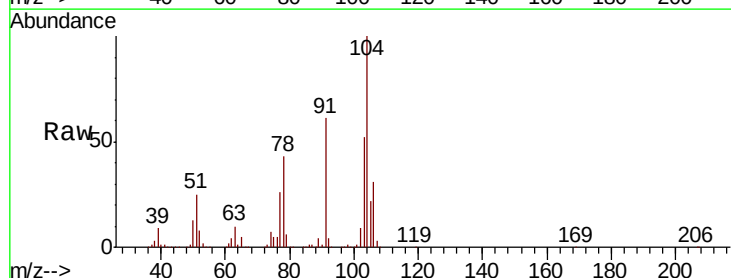
Manual Integrations
APPROVED

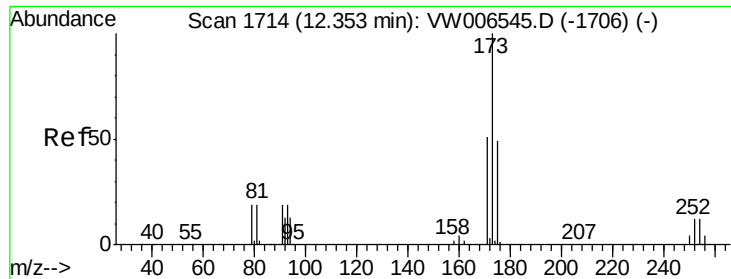
apatel
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#70
Styrene
Concen: 72.134 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	46.7	37.2	625868	55.8
103	55.7	44.2		66.2





#71

Bromoform

Concen: 70.869 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Instrument :

MSVOA_W

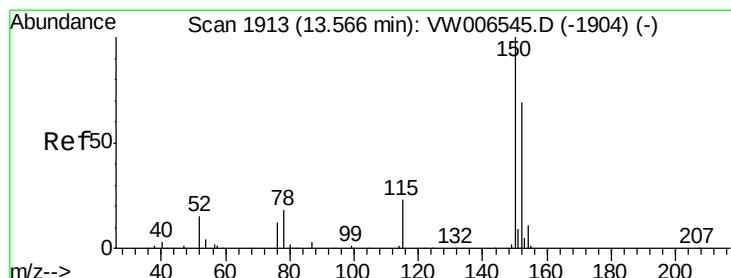
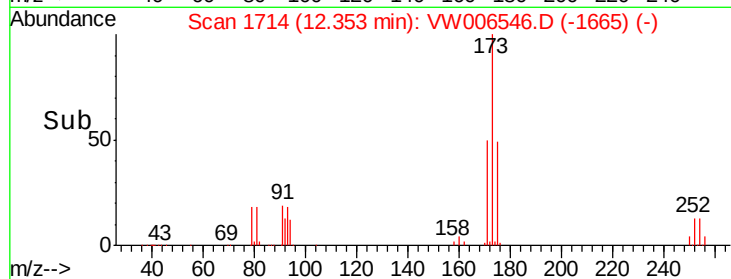
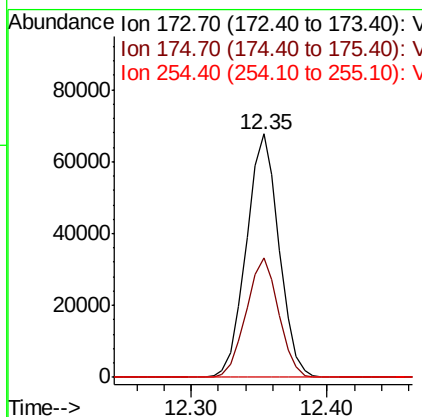
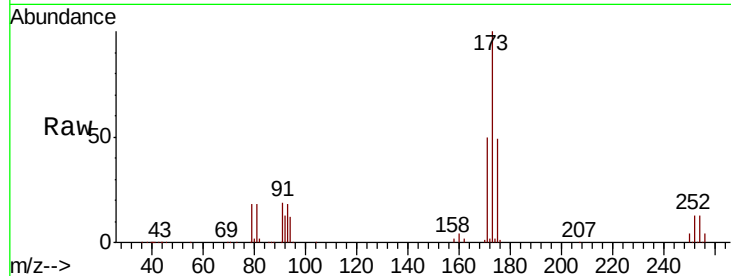
ClientSampled :

VSTDIC075

Tot Ion:	173	Resp:	113785
Ion Ratio	Lower	Upper	
173	100		
175	48.9	24.1	72.4
254	0.1	0.1	0.1

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

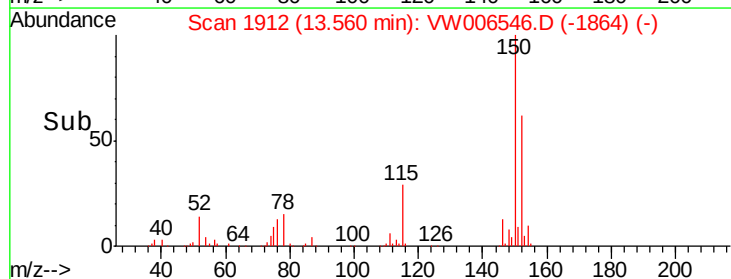
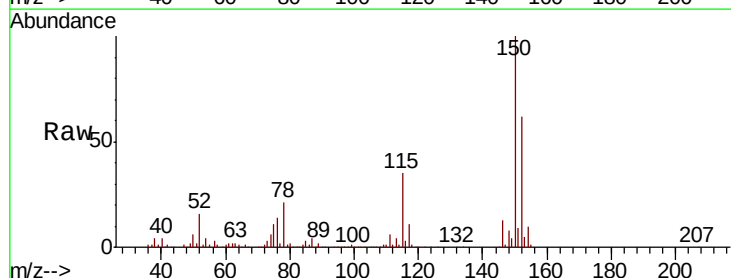
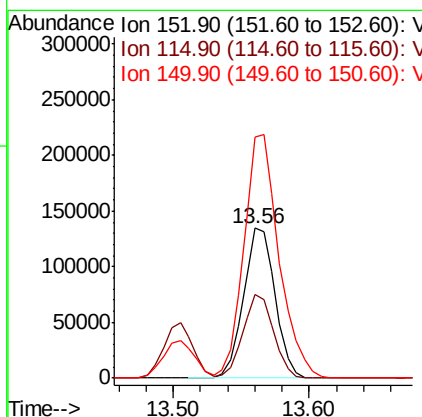
RT: 13.56 min Scan# 1912

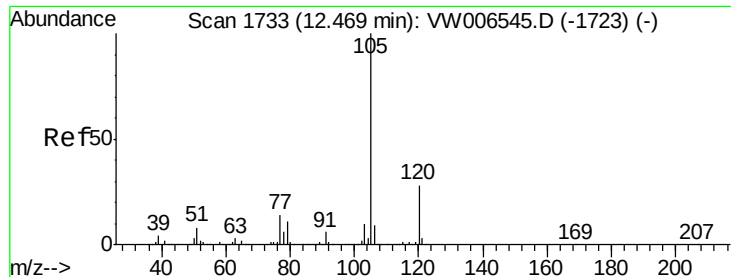
Delta R.T. -0.01 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Tgt Ion:	152	Resp:	217326
Ion Ratio	Lower	Upper	
152	100		
115	54.2	26.6	79.8
150	181.3	0.0	344.6





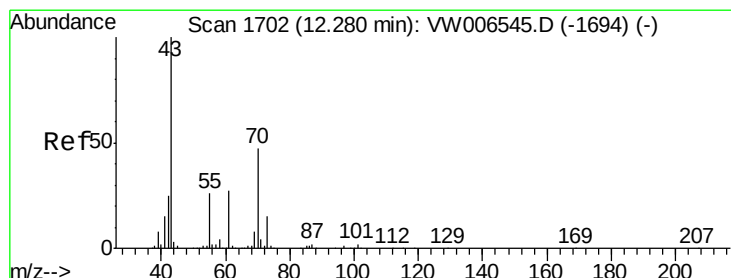
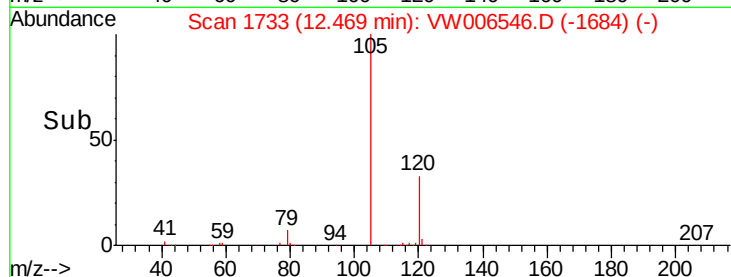
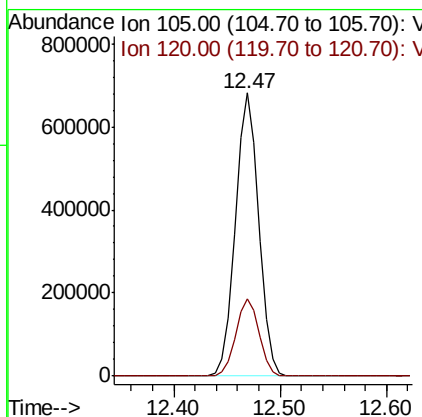
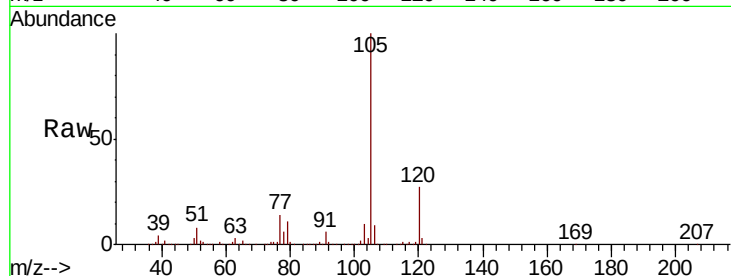
#73
Isopropylbenzene
Concen: 68.609 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion:105 Resp: 1045579
Ion Ratio Lower Upper
105 100
120 27.4 13.7 41.1

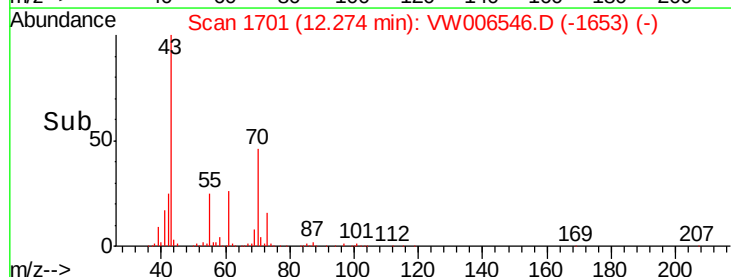
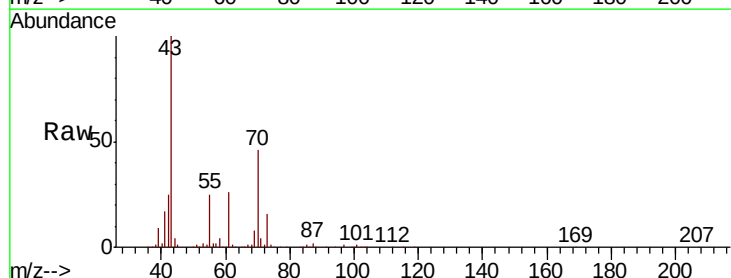
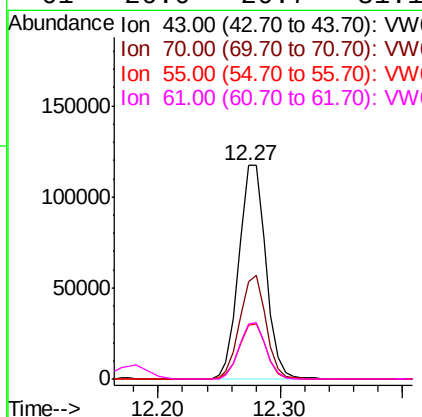
Manual Integrations
APPROVED

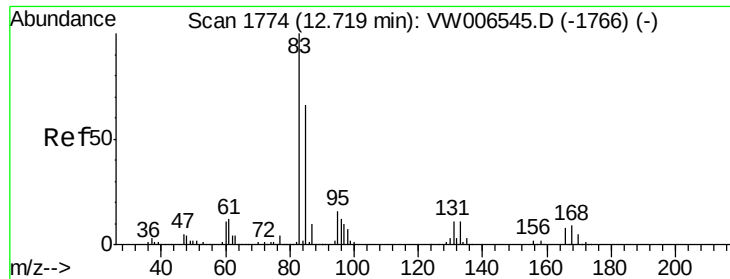
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#74
N-ethyl acetate
Concen: 61.434 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.01 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Tgt Ion: 43 Resp: 178700
Ion Ratio Lower Upper
43 100
70 47.0 36.9 55.3
55 25.9 20.7 31.1
61 26.0 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 68.089 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Instrument :

MSVOA_W

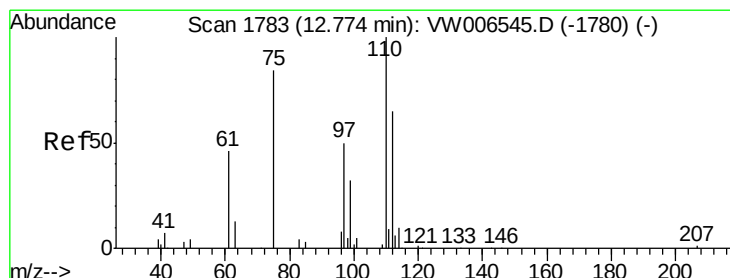
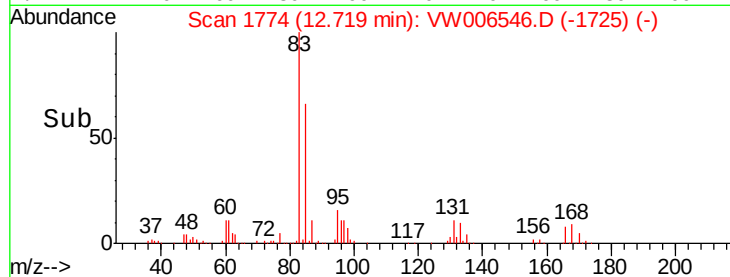
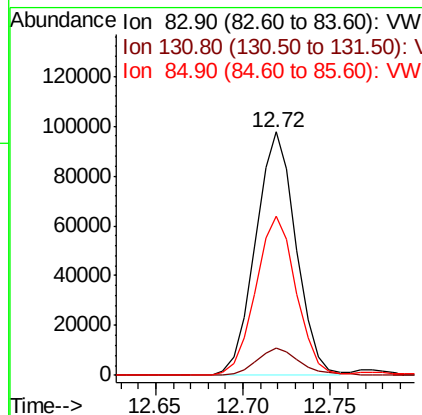
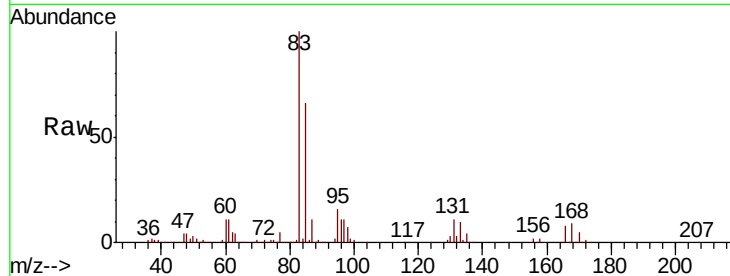
ClientSampled :

VSTDIC075

Tot Ion:	83	Resp:	157861
Ion Ratio	Lower	Upper	
83	100		
131	11.9	5.9	17.7
85	65.5	32.3	96.8

Manual Integrations
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11/2/2018 3:11:36 PM



#76

1,2,3-Trichloropropane

Concen: 58.982 ug/l m

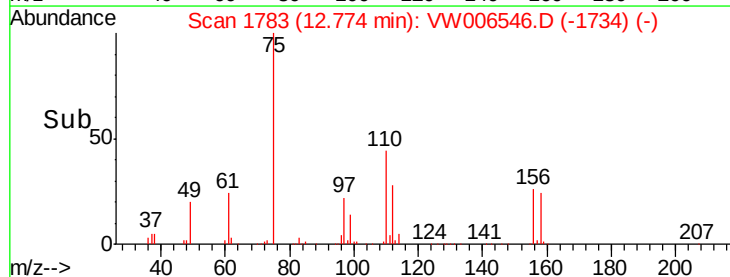
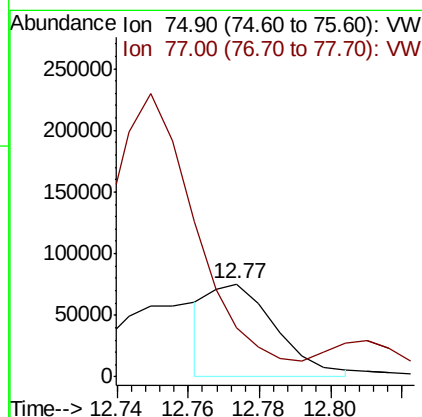
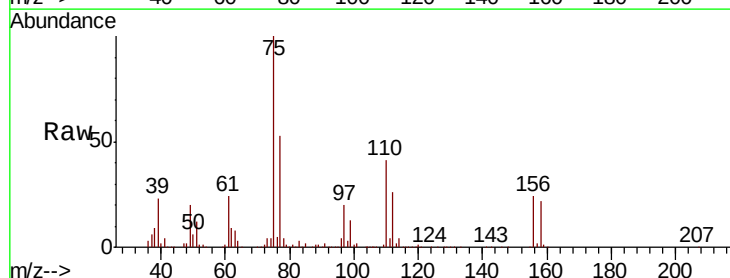
RT: 12.77 min Scan# 1783

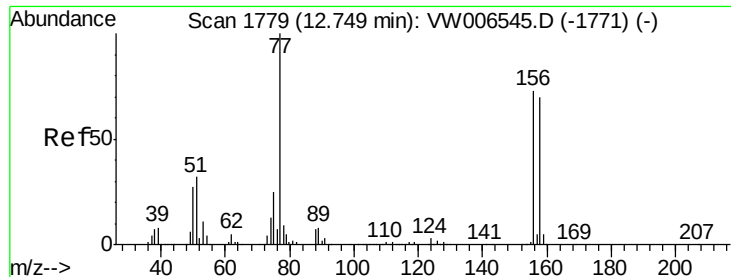
Delta R.T. -0.00 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Tgt Ion:	75	Resp:	99194
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 70.786 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Instrument :

MSVOA_W

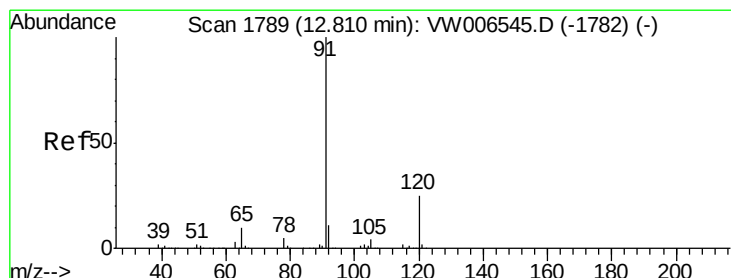
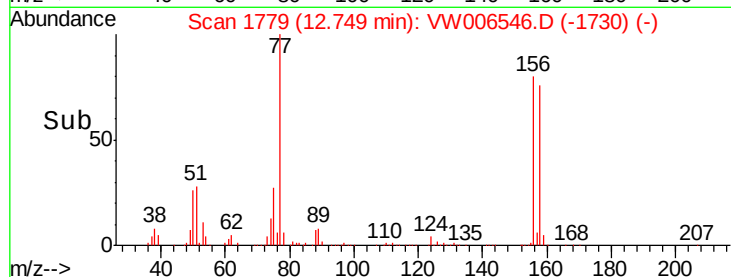
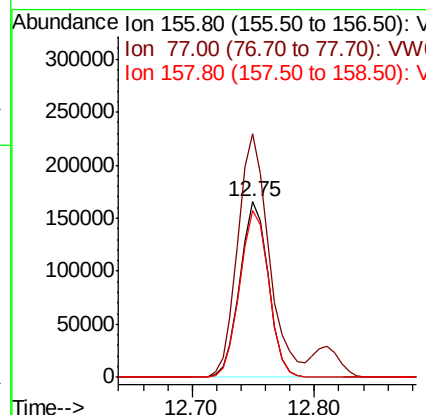
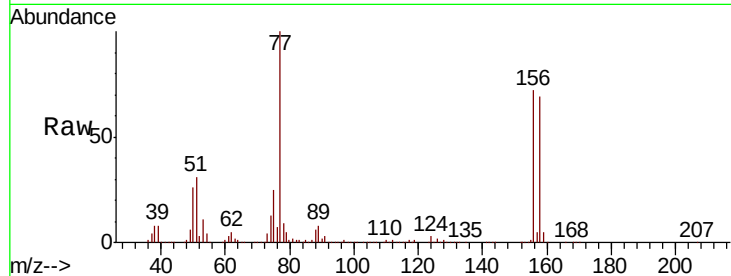
ClientSampleId :

VSTDIC075

Tot Ion:	156	Resp:	265878
Ion Ratio	Lower	Upper	
156	100		
77	152.9	75.9	227.8
158	96.9	48.6	145.9

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#78

n-propylbenzene

Concen: 68.221 ug/l

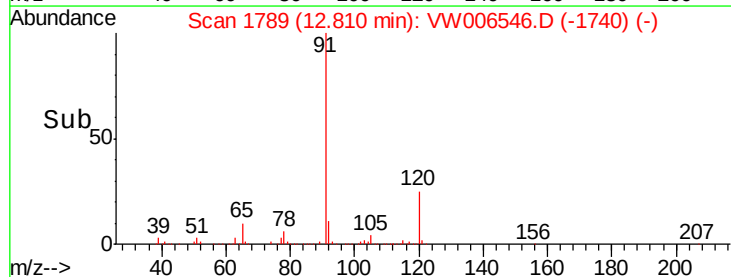
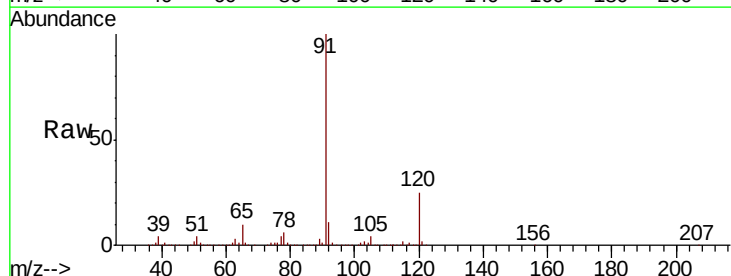
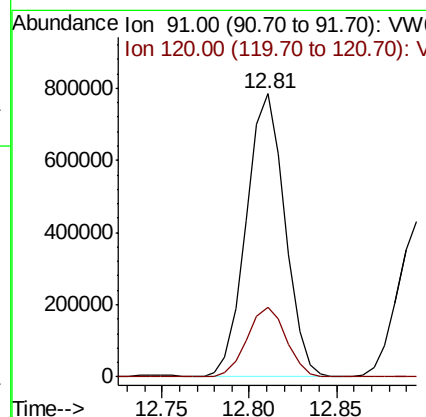
RT: 12.81 min Scan# 1789

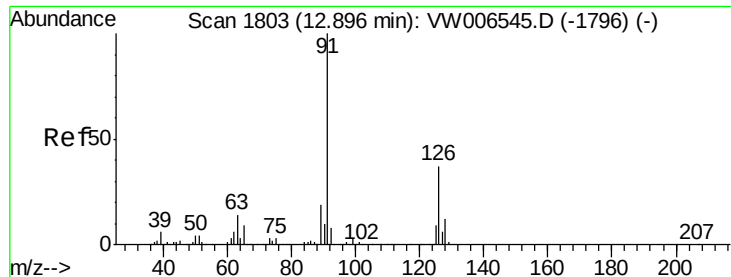
Delta R.T. -0.00 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Tgt Ion:	91	Resp:	1205933
Ion Ratio	Lower	Upper	
91	100		
120	24.8	12.4	37.0





#79

2-Chlorotoluene

Concen: 68.975 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW006546.D

Acq: 01 Nov 2018 01:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 91 Resp: 685655

Ion Ratio Lower Upper

91 100

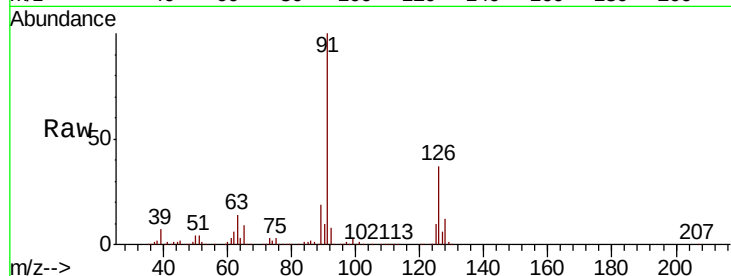
126 37.1 18.5 55.5

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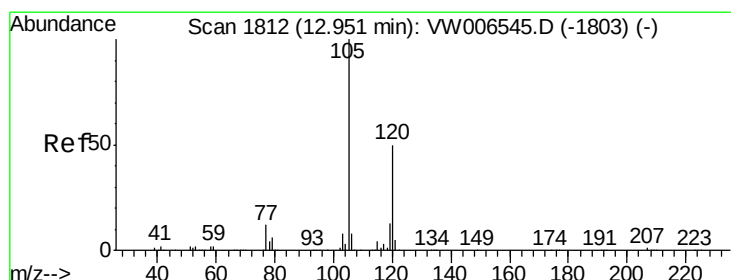
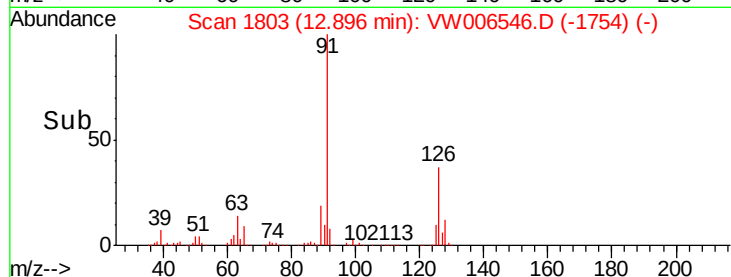
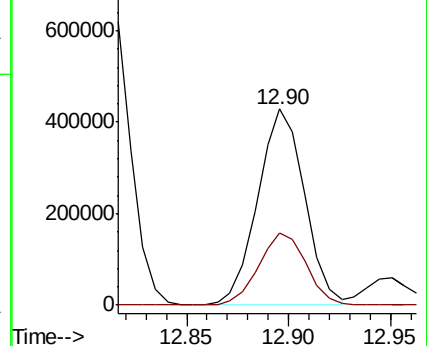
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 69.422 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW006546.D

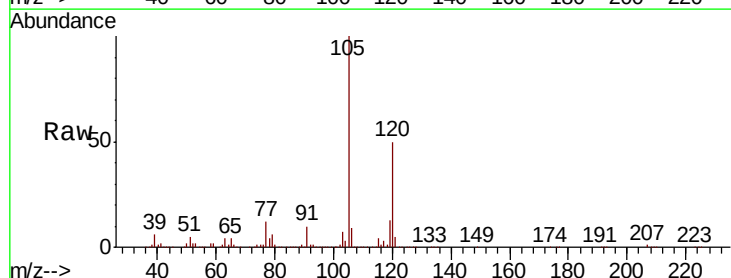
Acq: 01 Nov 2018 01:13

Tgt Ion:105 Resp: 890592

Ion Ratio Lower Upper

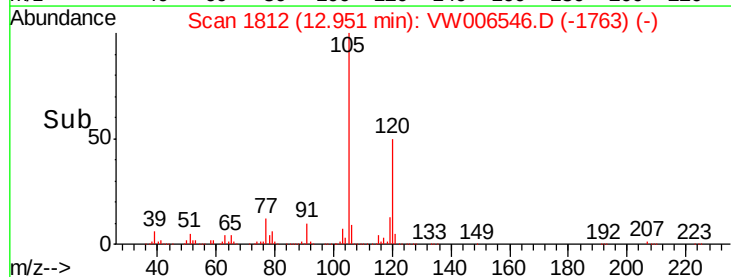
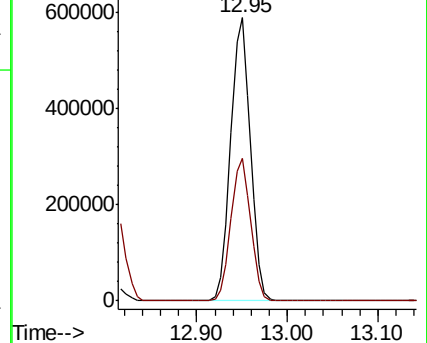
105 100

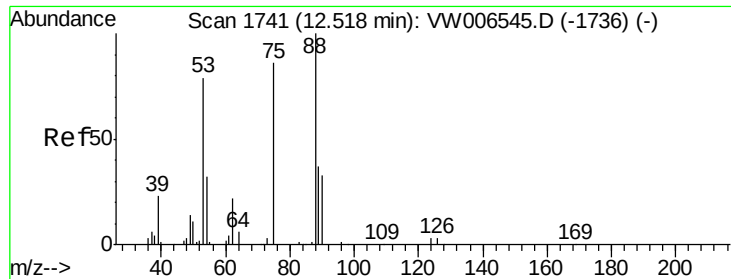
120 50.5 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





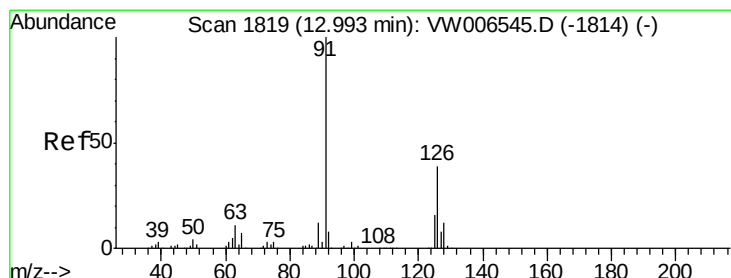
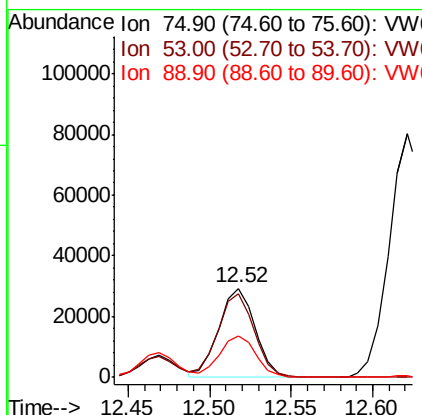
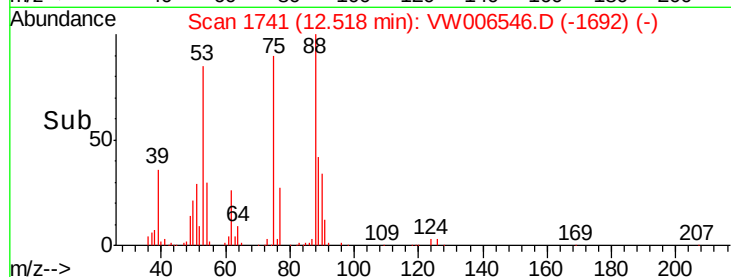
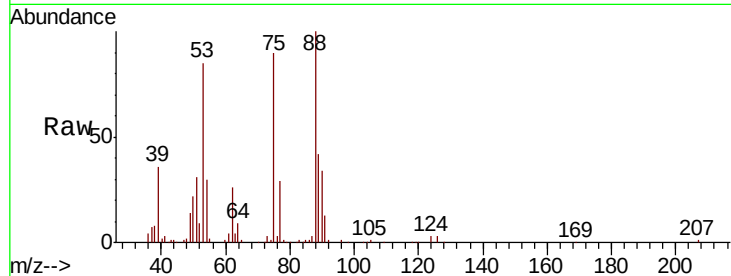
#81
trans-1,4-Dichloro-2-butene
Concen: 66.116 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.7	77.2	115.8
89	46.8	38.6	58.0

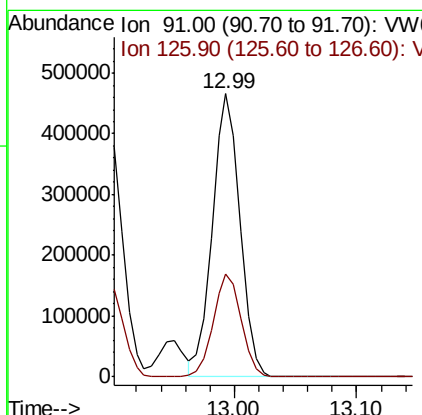
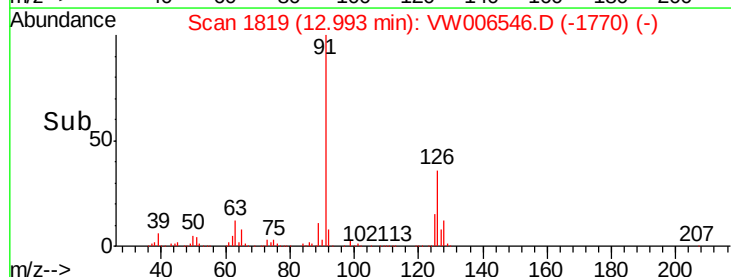
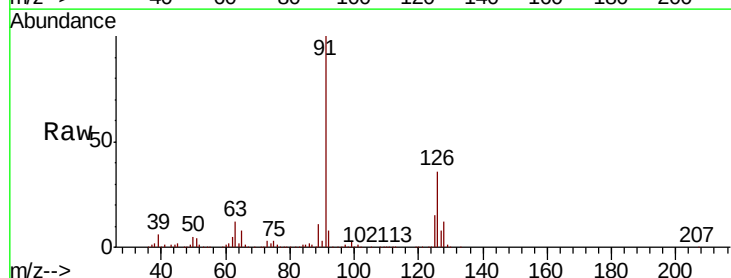
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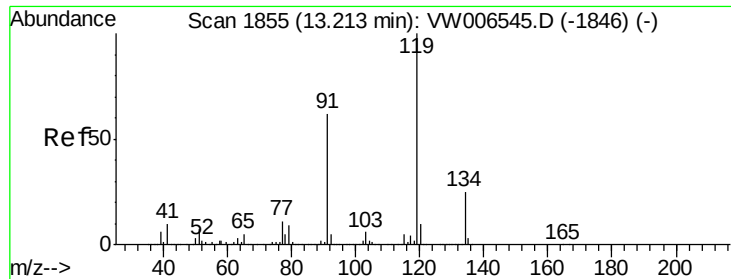
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#82
4-Chlorotoluene
Concen: 69.874 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.7	18.5	55.5





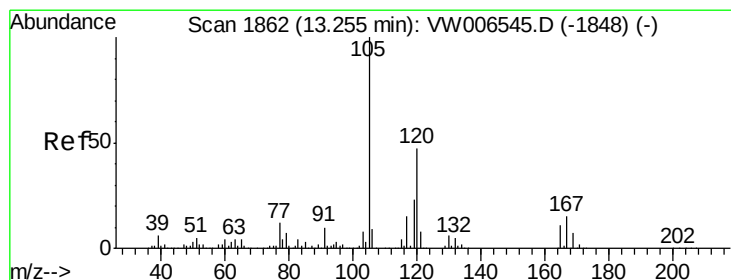
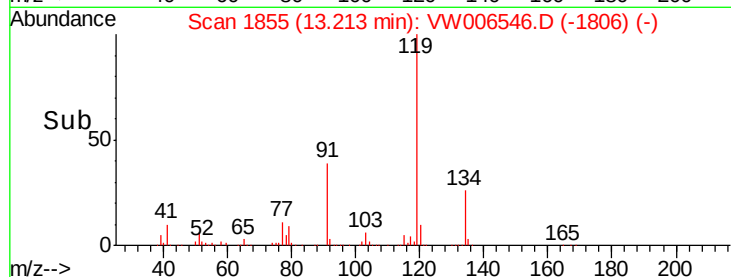
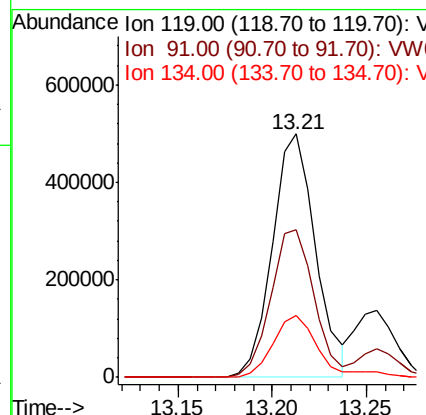
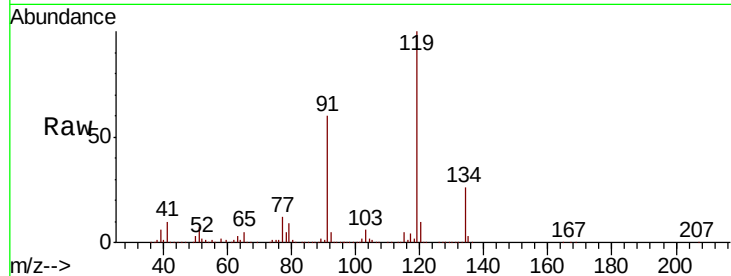
#83
tert-Butylbenzene
Concen: 69.012 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.7	30.4	91.3
134	26.8	13.5	40.4

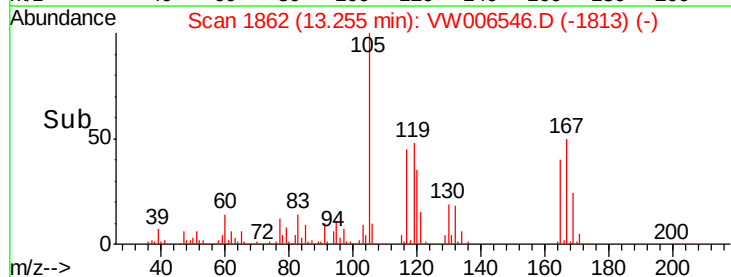
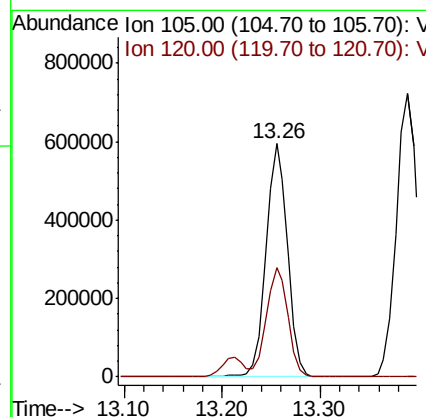
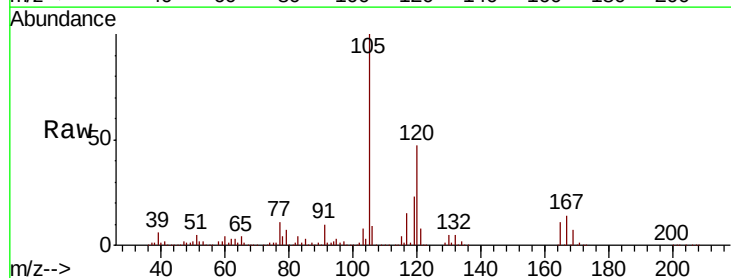
Manual Integrations
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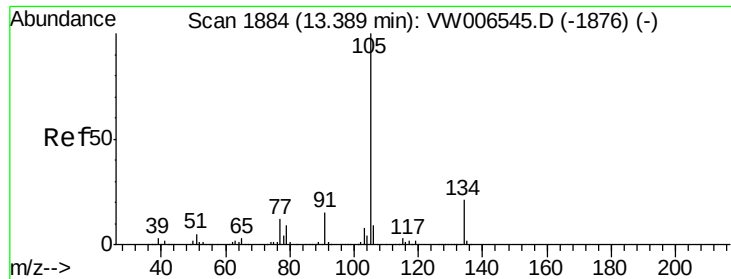
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#84
1,2,4-Trimethylbenzene
Concen: 69.693 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	23.2	69.6





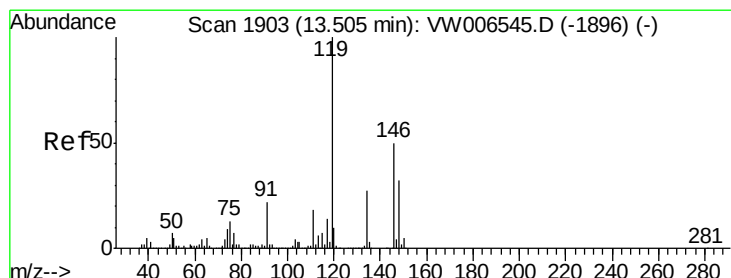
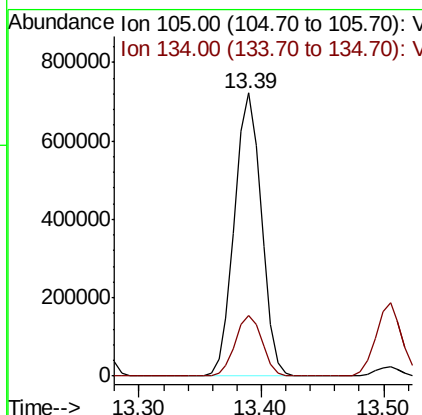
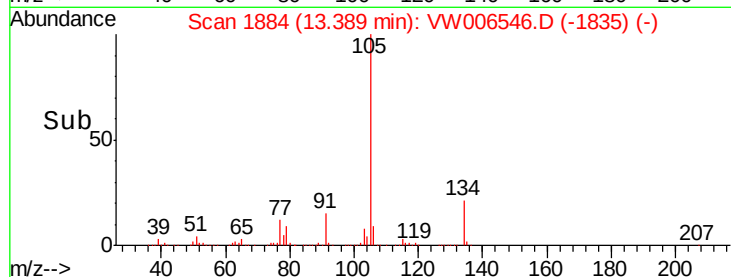
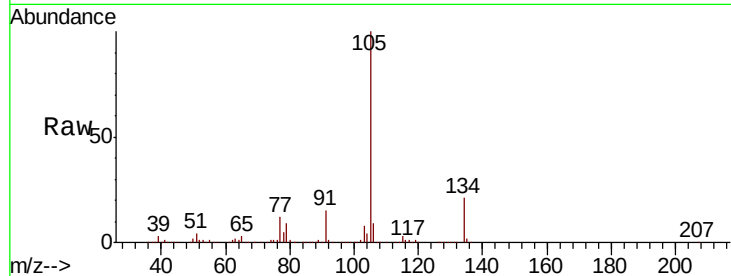
#85
 sec-Butylbenzene
 Concen: 68.234 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006546.D
 Acq: 01 Nov 2018 01:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion:105 Resp: 1103740
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.6 31.8

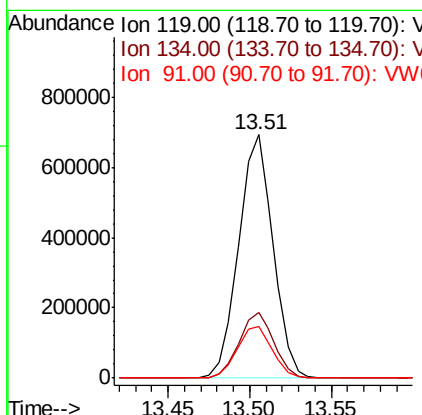
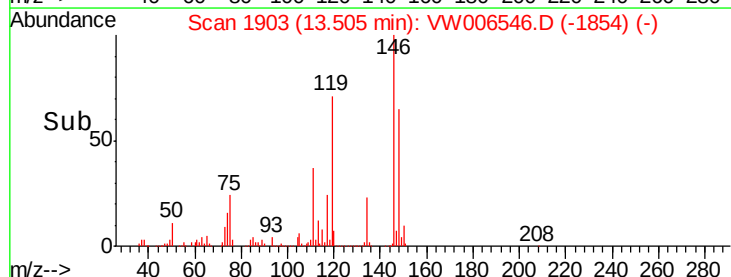
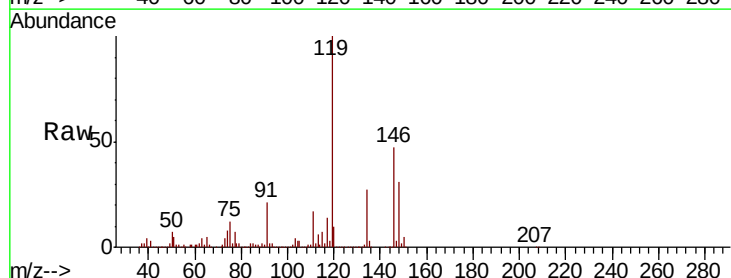
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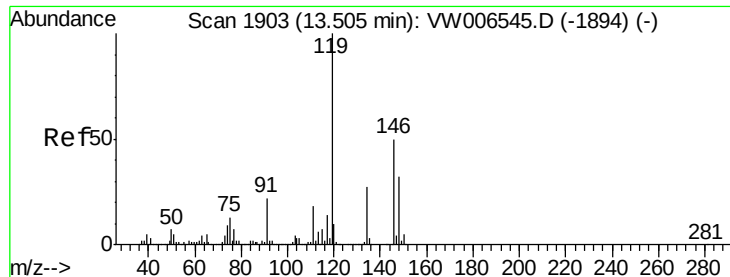
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#86
 p-Isopropyltoluene
 Concen: 69.343 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006546.D
 Acq: 01 Nov 2018 01:13

Tgt Ion:119 Resp: 1015447
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.6 40.7
 91 21.6 10.9 32.6





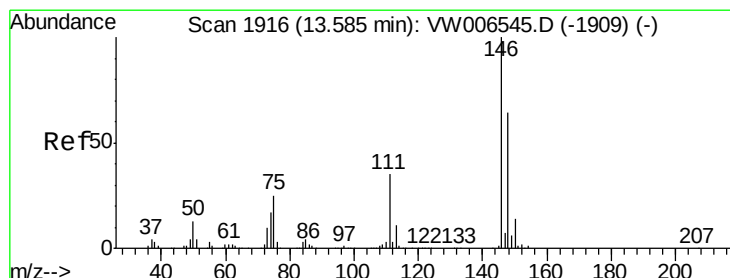
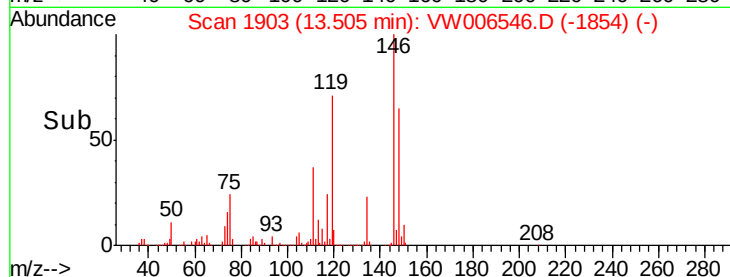
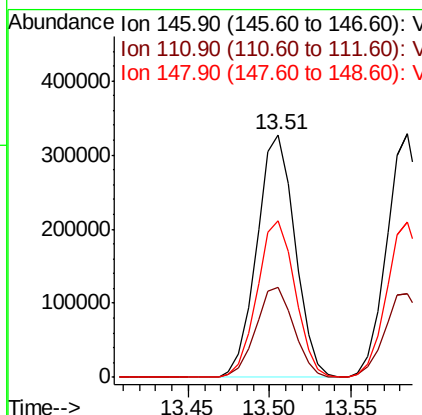
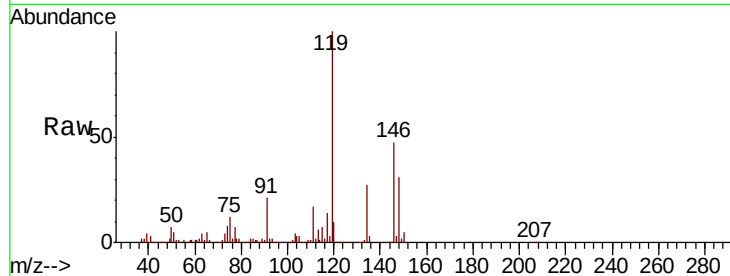
#87
 1,3-Dichlorobenzene
 Concen: 70.880 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006546.D
 Acq: 01 Nov 2018 01:13

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.6	55.6
148	64.5	32.1	96.3

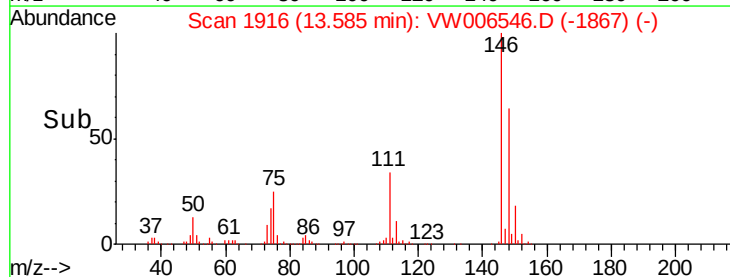
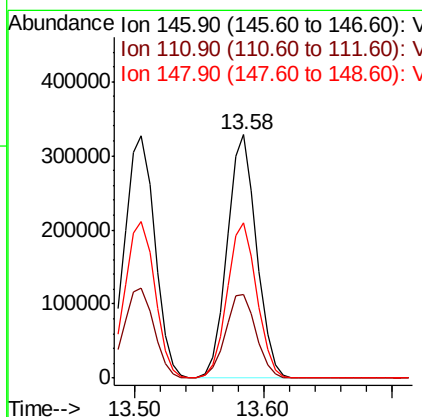
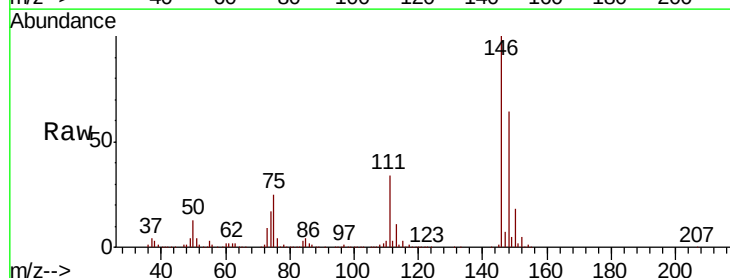
Manual Integrations
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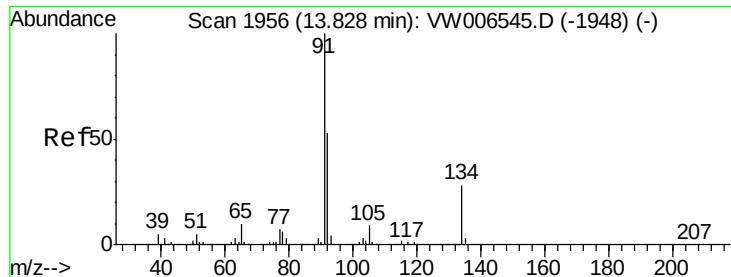
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#88
 1,4-Dichlorobenzene
 Concen: 70.217 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006546.D
 Acq: 01 Nov 2018 01:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.0	17.9	53.7
148	64.3	32.1	96.5





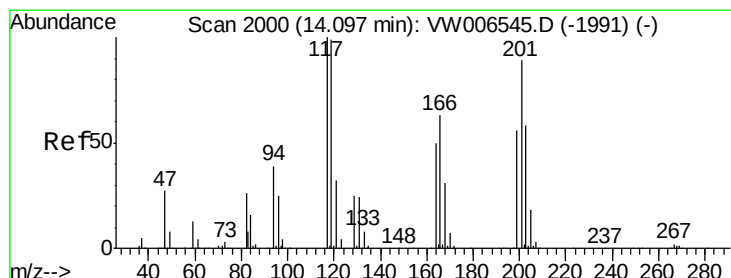
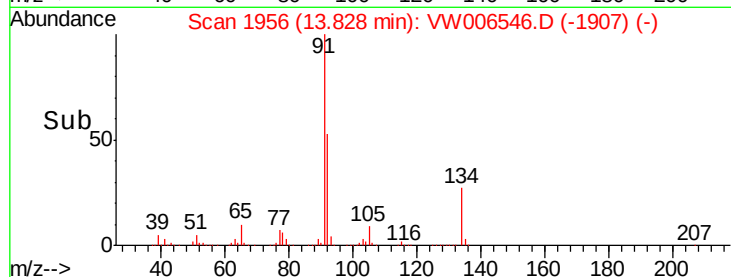
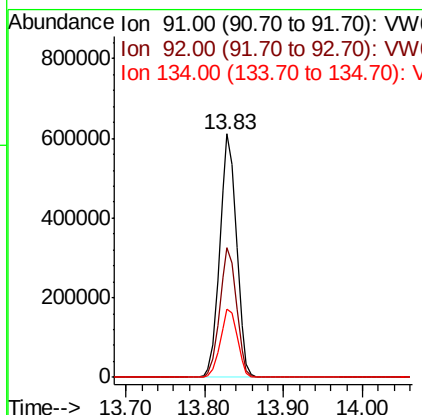
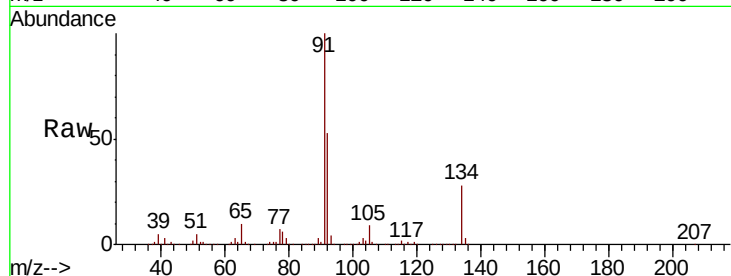
#89
n-Butylbenzene
Concen: 67.441 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.4	79.0
134	28.8	14.3	42.9

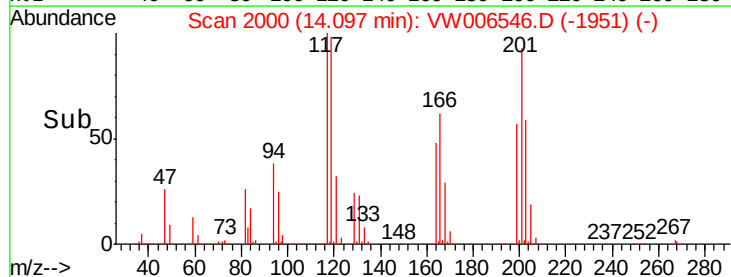
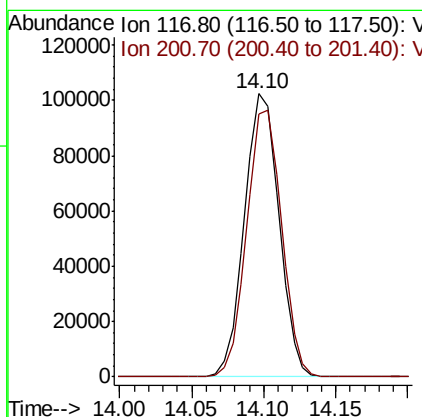
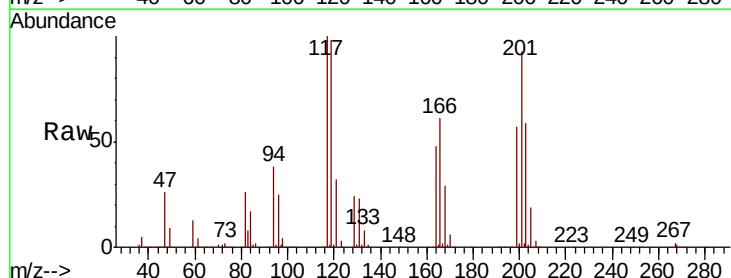
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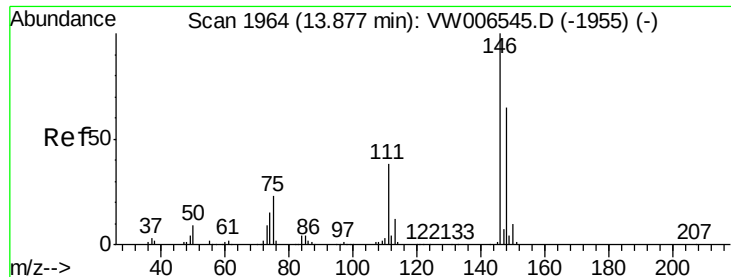
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#90
Hexachloroethane
Concen: 68.998 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.1	46.8	140.3





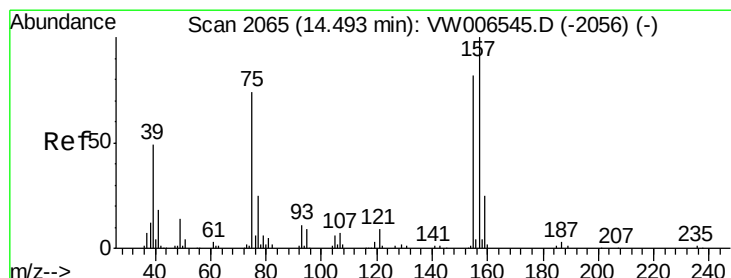
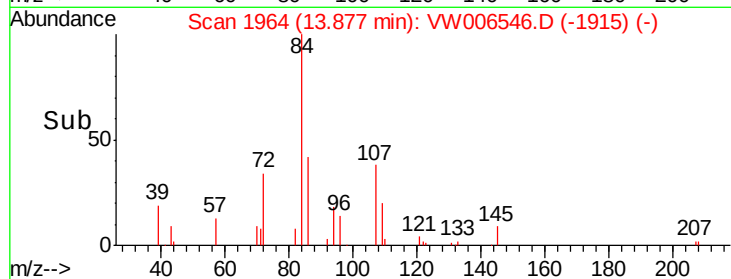
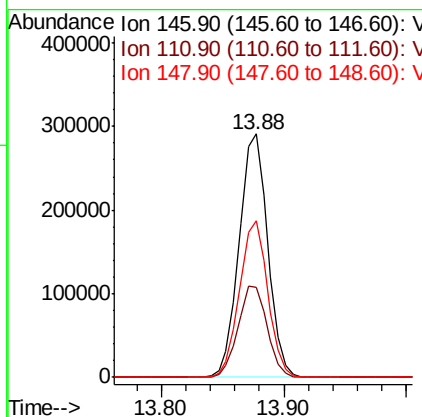
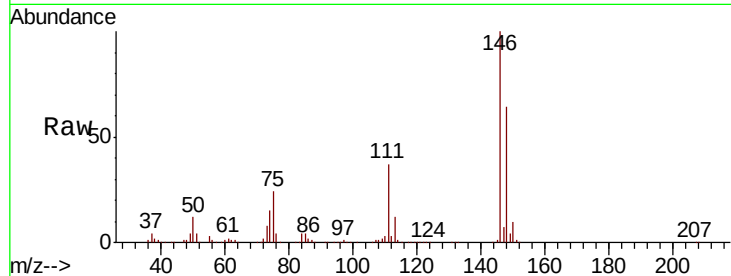
#91
 1,2-Dichlorobenzene
 Concen: 70.488 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006546.D
 Acq: 01 Nov 2018 01:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.5
148	63.9	32.0	96.0

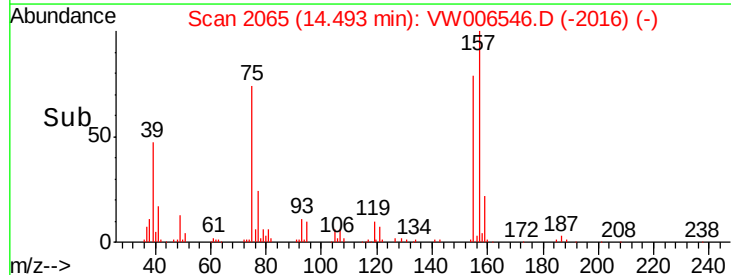
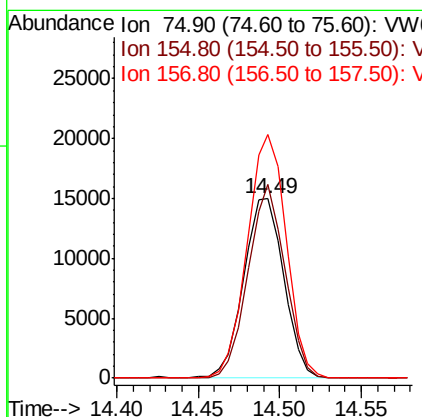
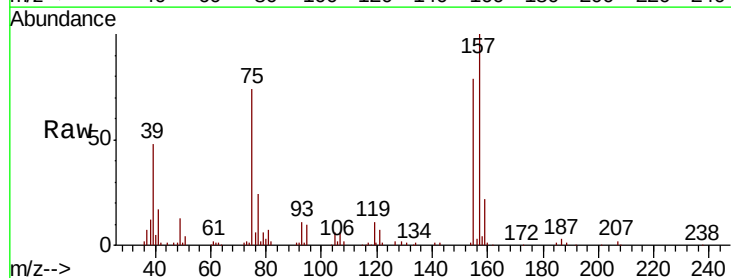
Manual Integrations
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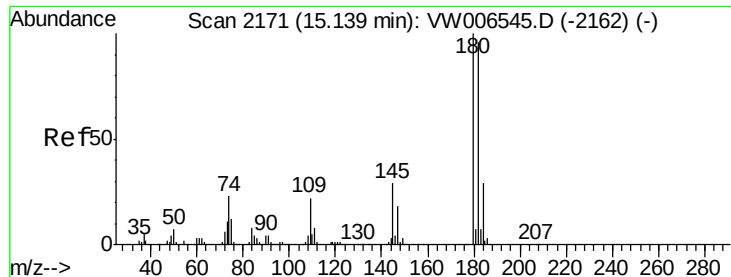
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 62.986 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW006546.D
 Acq: 01 Nov 2018 01:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.8	50.6	151.8
157	131.5	65.0	195.0





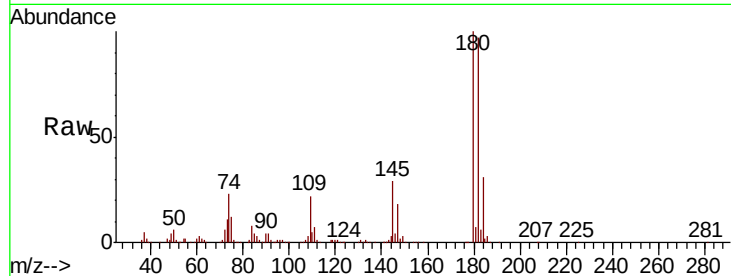
#93
 1,2,4-Trichlorobenzene
 Concen: 69.791 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW006546.D
 Acq: 01 Nov 2018 01:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.1	47.5	142.6	
145	28.5	14.0	42.0	

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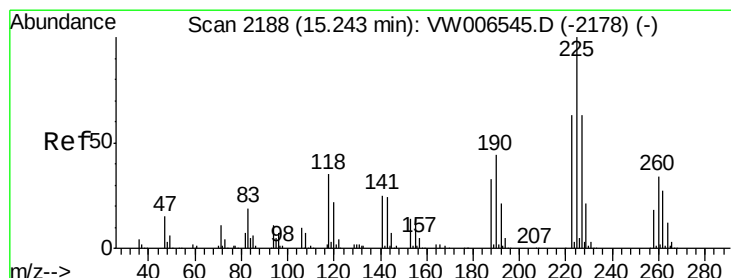
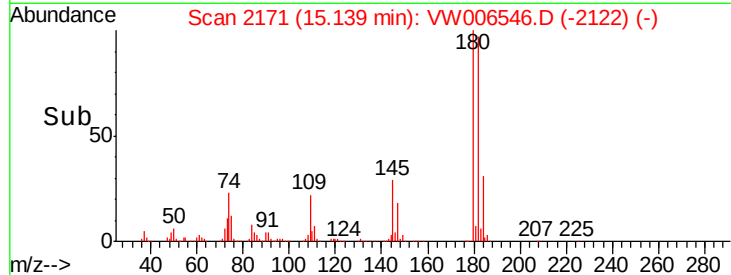
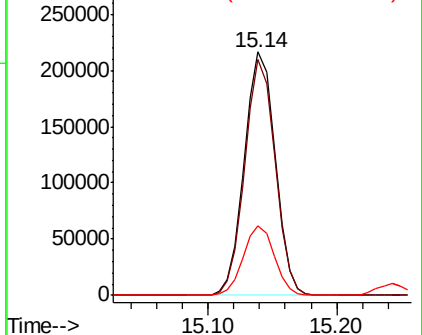


Abundance

Ion 179.80 (179.50 to 180.50): V

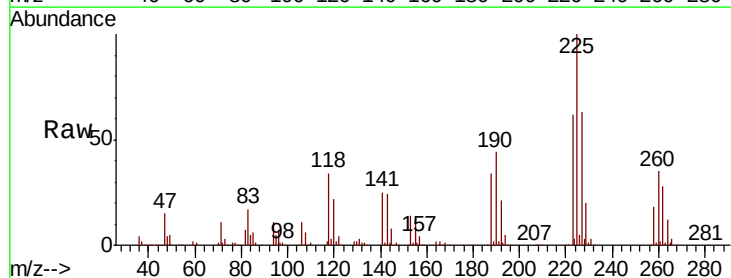
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 68.317 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW006546.D
 Acq: 01 Nov 2018 01:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.6	31.4	94.2	
227	64.4	32.2	96.6	

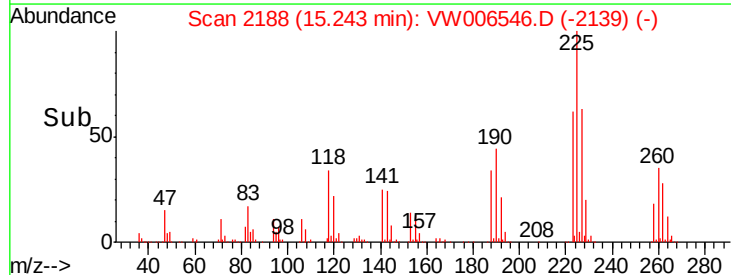
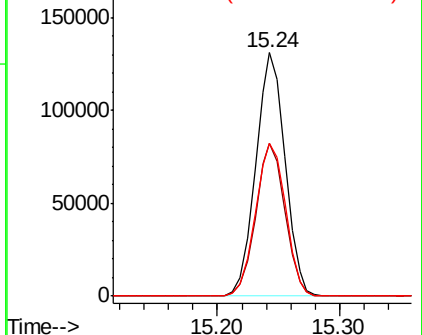


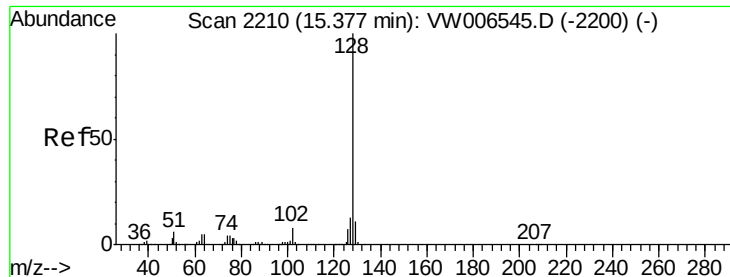
Abundance

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





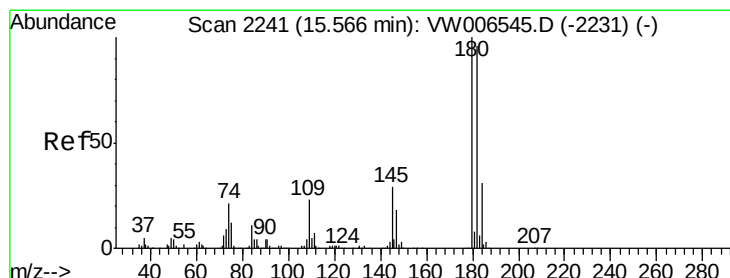
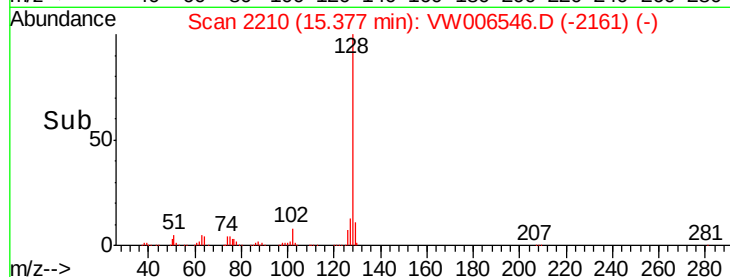
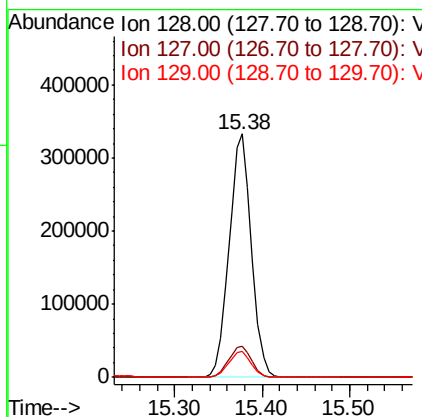
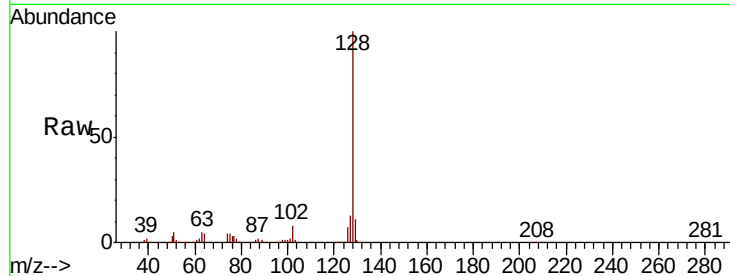
#95
Naphthalene
Concen: 68.689 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations
APPROVED

apatel
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#96
1,2,3-Trichlorobenzene
Concen: 70.020 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW006546.D
Acq: 01 Nov 2018 01:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.2	144.6
145	29.9	14.9	44.5

