

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120418\
 Data File : VW007181.D
 Acq On : 04 Dec 2018 12:04
 Operator : SY/AP
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Manual Integrations
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 12/5/2018 12:43:32 PM

Quant Time: Dec 05 00:58:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 00:43:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	113940	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	175997	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	158562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	82279	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	19951	18.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.62%	
35) Dibromofluoromethane	7.89	113	19002	18.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.72%	
50) Toluene-d8	10.33	98	83013	18.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.40%	
62) 4-Bromofluorobenzene	12.62	95	31697	18.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	27016	21.672	ug/l	99
3) Chloromethane	2.22	50	34603	21.919	ug/l	98
4) Vinyl Chloride	2.36	62	20551	20.792	ug/l	96
5) Bromomethane	2.75	94	9316	18.809	ug/l	98
6) Chloroethane	2.91	64	11195	20.186	ug/l	95
7) Trichlorofluoromethane	3.26	101	40278	20.901	ug/l	96
8) Diethyl Ether	3.68	74	11389	21.202	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	24293	20.868	ug/l	99
10) Methyl Iodide	4.27	142	18123	18.275	ug/l	99
11) Tert butyl alcohol	5.17	59	12704	102.607	ug/l #	86
12) 1,1-Dichloroethene	4.04	96	22623	20.737	ug/l	96
13) Acrolein	3.90	56	7894	106.200	ug/l	97
14) Allyl chloride	4.67	41	35274	20.172	ug/l	100
15) Acrylonitrile	5.37	53	22985	102.357	ug/l	98
16) Acetone	4.13	43	23489	93.532	ug/l	98
17) Carbon Disulfide	4.38	76	73367	20.402	ug/l	100
18) Methyl Acetate	4.68	43	12185	21.256	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	53127	20.684	ug/l	95
20) Methylene Chloride	4.92	84	31425	21.042	ug/l	93
21) trans-1,2-Dichloroethene	5.43	96	25068	20.579	ug/l	91
22) Diisopropyl ether	6.32	45	64477	20.540	ug/l	99
23) Vinyl Acetate	6.26	43	176433	103.004	ug/l	99
24) 1,1-Dichloroethane	6.22	63	41461	20.607	ug/l	99
25) 2-Butanone	7.18	43	28991	99.586	ug/l	97
26) 2,2-Dichloropropane	7.17	77	38675	20.003	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	26517	20.306	ug/l	98
28) Bromochloromethane	7.52	49	14944	20.598	ug/l	98
29) Tetrahydrofuran	7.54	42	18684	103.860	ug/l	99
30) Chloroform	7.68	83	42883	20.508	ug/l	99
31) Cyclohexane	7.96	56	43763	20.788	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	39929	20.291	ug/l	99
36) 1,1-Dichloropropene	8.09	75	35916	20.973	ug/l	99
37) Ethyl Acetate	7.26	43	12686	20.479	ug/l	100
38) Carbon Tetrachloride	8.07	117	35286	20.188	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	46798	20.414	ug/l	95
40) Benzene	8.32	78	96479	20.546	ug/l	96
41) Methacrylonitrile	7.49	41	7628	20.559	ug/l	99
42) 1,2-Dichloroethane	8.40	62	26691	20.338	ug/l	99
43) Isopropyl Acetate	8.43	43	24607	20.453	ug/l	100
44) Trichloroethene	9.09	130	27342	20.714	ug/l	98
45) 1,2-Dichloropropane	9.37	63	22854	20.914	ug/l	100
46) Dibromomethane	9.46	93	11875	20.913	ug/l	95
47) Bromodichloromethane	9.65	83	30552	20.455	ug/l	99
48) Methyl methacrylate	9.44	41	11736	18.795	ug/l	91
49) 1,4-Dioxane	9.45	88	3950	398.210	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	58730	99.058	ug/l	100
52) Toluene	10.39	92	65767	20.134	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	30542	20.338	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	35593	20.225	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	17363	21.497	ug/l	92
56) Ethyl methacrylate	10.65	69	20949	19.884	ug/l	95
57) 1,3-Dichloropropane	10.93	76	28472	20.880	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	48158	113.799	ug/l	99
59) 2-Hexanone	10.97	43	43754	101.802	ug/l	96
60) Dibromochloromethane	11.13	129	20162	20.310	ug/l	98
61) 1,2-Dibromoethane	11.24	107	16201	20.913	ug/l	97
64) Tetrachloroethene	10.87	164	23747	20.498	ug/l	95
65) Chlorobenzene	11.66	112	71677	20.240	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.73	131	22892	20.931	ug/l	98
67) Ethyl Benzene	11.73	91	134090	20.775	ug/l	94
68) m/p-Xylenes	11.84	106	107212	42.342	ug/l	99
69) o-Xylene	12.17	106	47956	20.271	ug/l	98
70) Styrene	12.18	104	77915	20.120	ug/l	99
71) Bromoform	12.35	173	11380	20.786	ug/l #	97
73) Isopropylbenzene	12.47	105	129327	19.326	ug/l	98
74) N-amyl acetate	12.27	43	22886	19.289	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	16722	19.240	ug/l	95
76) 1,2,3-Trichloropropane	12.77	75	13524m	12.229	ug/l	
77) Bromobenzene	12.75	156	28522	19.745	ug/l	99
78) n-propylbenzene	12.80	91	157533	19.759	ug/l	98
79) 2-Chlorotoluene	12.90	91	87996	19.545	ug/l	95
80) 1,3,5-Trimethylbenzene	12.95	105	113311	19.793	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	5466	18.492	ug/l	92
82) 4-Chlorotoluene	12.99	91	98331	20.530	ug/l	96
83) tert-Butylbenzene	13.21	119	98000	19.588	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	119212	20.400	ug/l	99
85) sec-Butylbenzene	13.39	105	146696	20.539	ug/l	96
86) p-Isopropyltoluene	13.51	119	128635	20.232	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	61764	20.829	ug/l	94
88) 1,4-Dichlorobenzene	13.58	146	60771	20.289	ug/l	96
89) n-Butylbenzene	13.83	91	117671	19.805	ug/l	99
90) Hexachloroethane	14.10	117	18282	18.869	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	51163	19.930	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3343	19.856	ug/l	95

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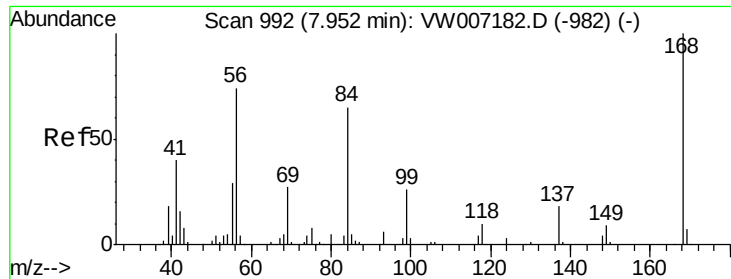
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	35774	20.109	ug/l	99
94) Hexachlorobutadiene	15.24	225	19503	20.329	ug/l	97
95) Naphthalene	15.38	128	62317	19.545	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	29754	19.834	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007181.D

Acq: 04 Dec 2018 12:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tgt Ion: 168 Resp: 113940

Ion Ratio Lower Upper

168 100

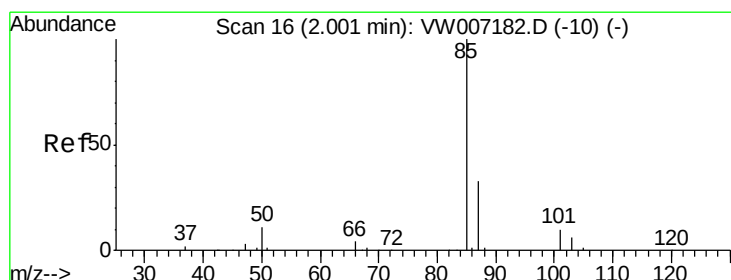
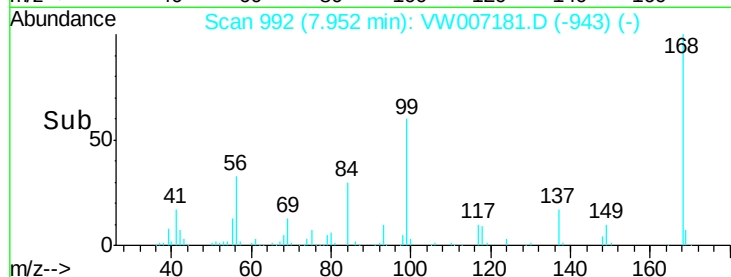
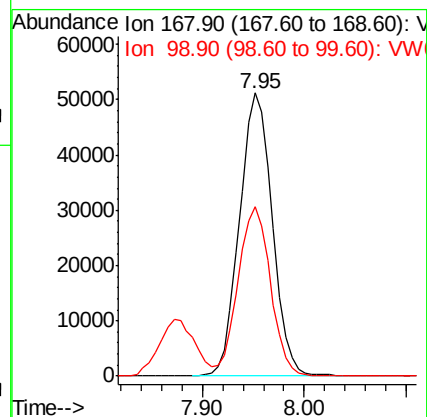
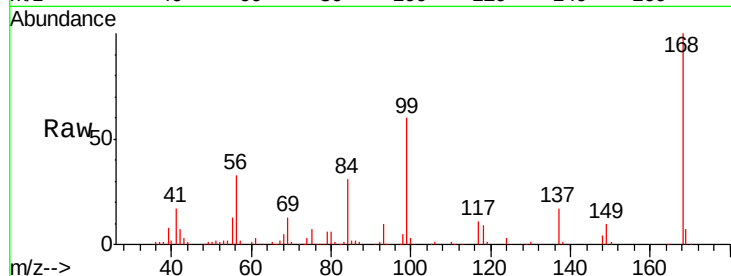
99 59.9 47.8 71.8

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#2

Dichlorodifluoromethane

Concen: 21.672 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW007181.D

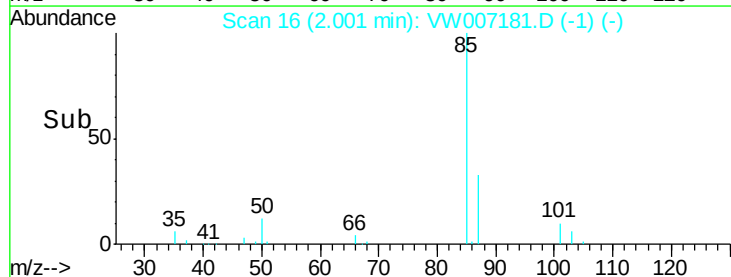
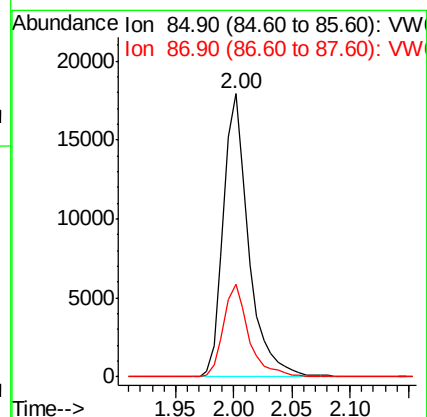
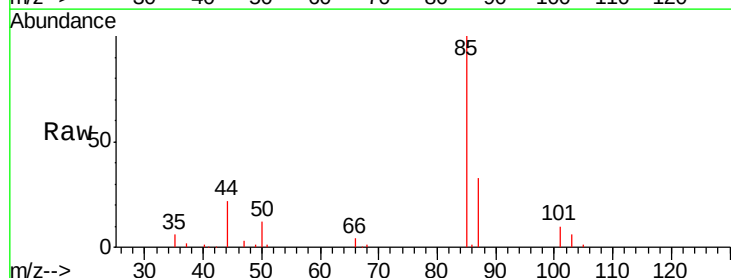
Acq: 04 Dec 2018 12:04

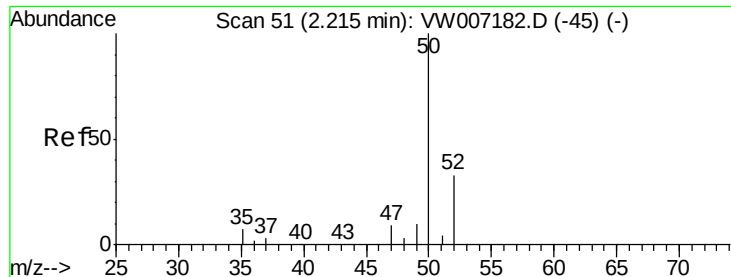
Tgt Ion: 85 Resp: 27016

Ion Ratio Lower Upper

85 100

87 32.5 16.5 49.5





#3

Chloromethane

Concen: 21.919 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW007181.D

Acq: 04 Dec 2018 12:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tgt Ion: 50 Resp: 34603

Ion Ratio Lower Upper

50 100

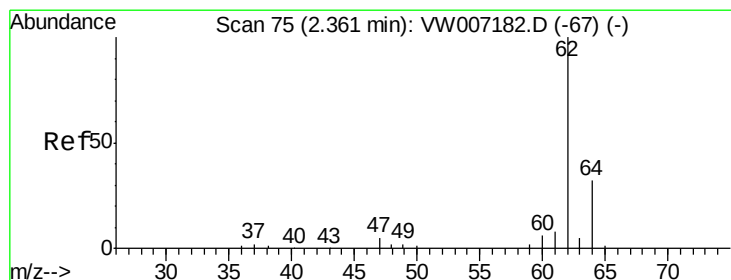
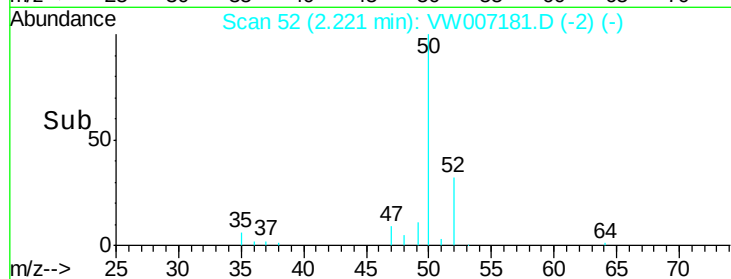
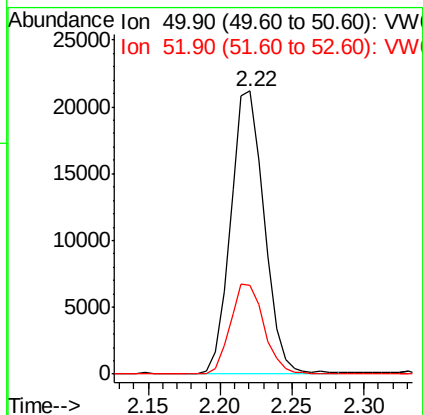
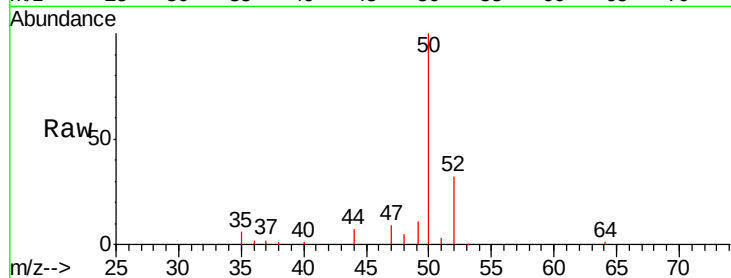
52 31.6 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.792 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW007181.D

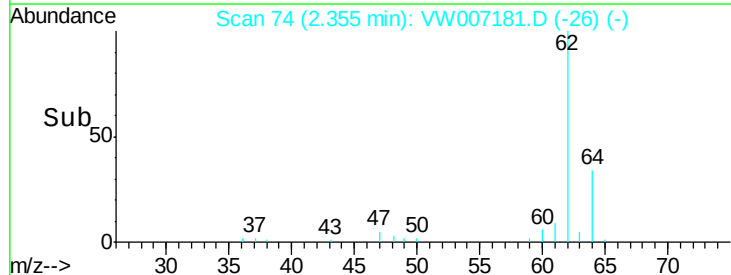
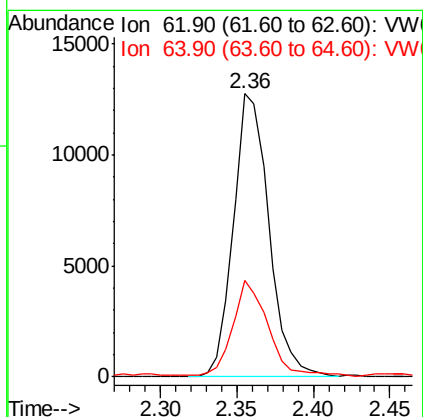
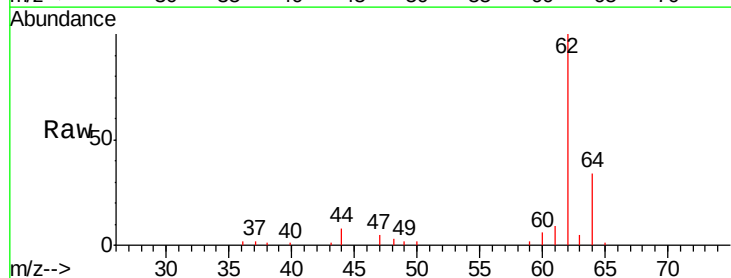
Acq: 04 Dec 2018 12:04

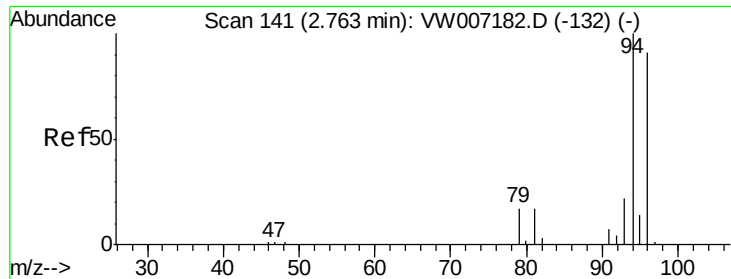
Tgt Ion: 62 Resp: 20551

Ion Ratio Lower Upper

62 100

64 33.6 25.3 37.9





#5

Bromomethane

Concen: 18.809 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.01 min

Lab File: VW007181.D

Acq: 04 Dec 2018 12:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tgt Ion: 94 Resp: 9316

Ion Ratio Lower Upper

94 100

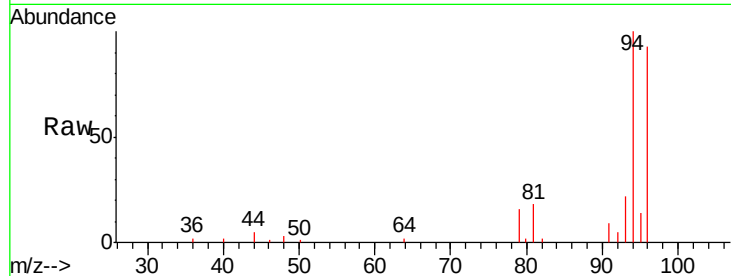
96 92.6 72.8 109.2

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.75

4500

4000

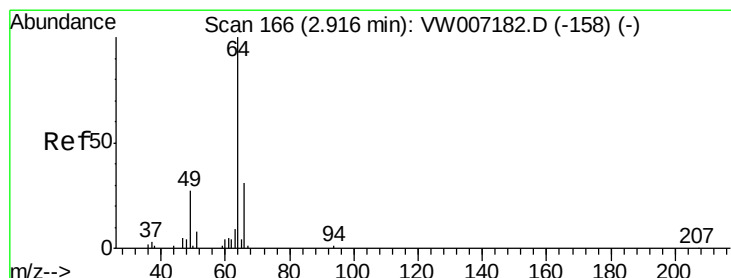
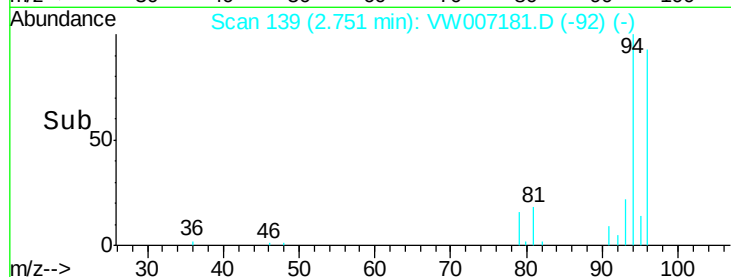
3000

2000

1000

0

Time-->



#6

Chloroethane

Concen: 20.186 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW007181.D

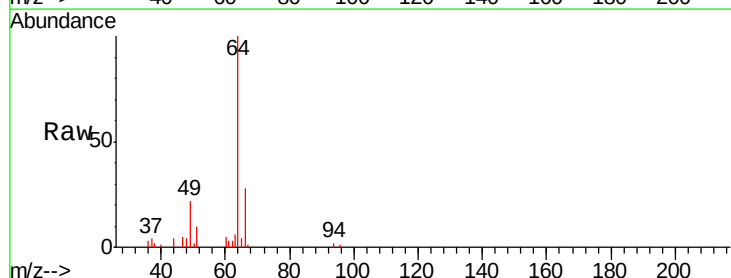
Acq: 04 Dec 2018 12:04

Tgt Ion: 64 Resp: 11195

Ion Ratio Lower Upper

64 100

66 28.7 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.91

6000

5000

4000

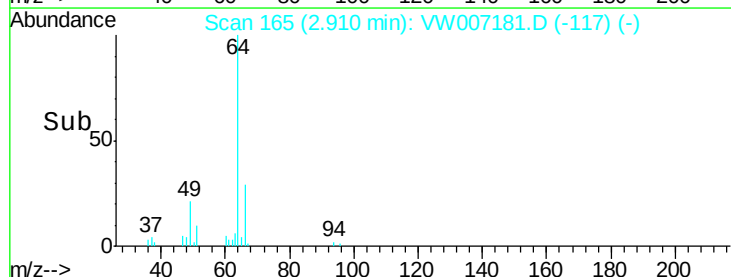
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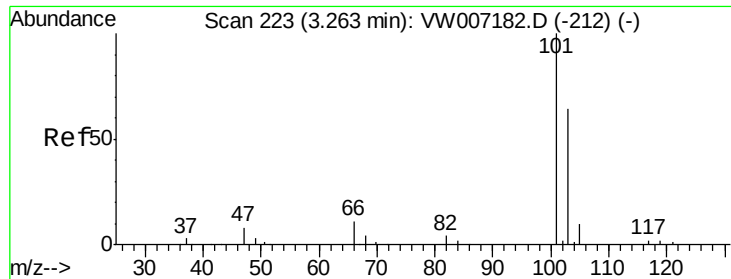
2000

1000

0

Time-->





#7

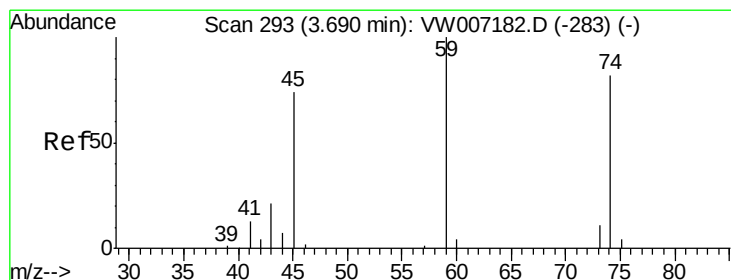
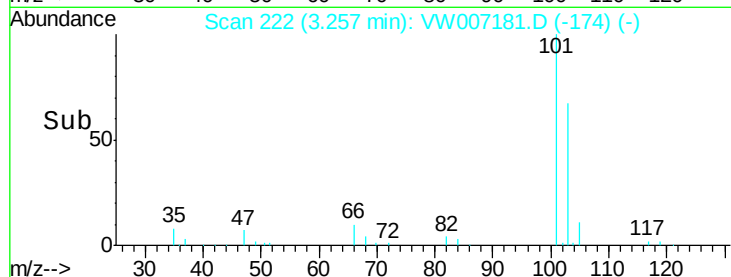
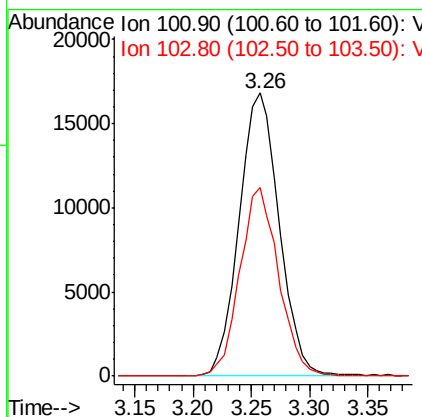
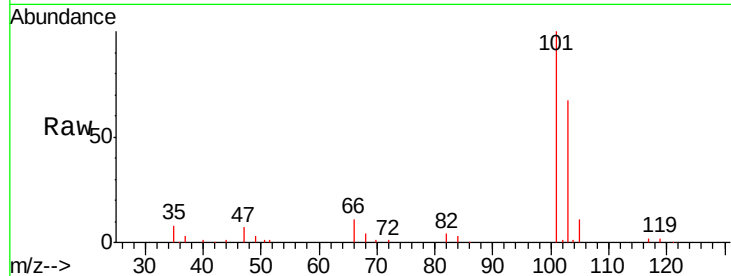
Trichlorofluoromethane
Concen: 20.901 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW007181.D
Acq: 04 Dec 2018 12:04

Instrument :
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ClientSampleId :
VSTDIC020

Tgt Ion: 101 Resp: 40278
Ion Ratio Lower Upper
101 100
103 66.9 50.9 76.3

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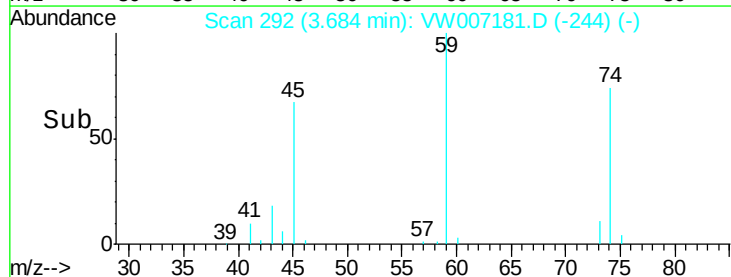
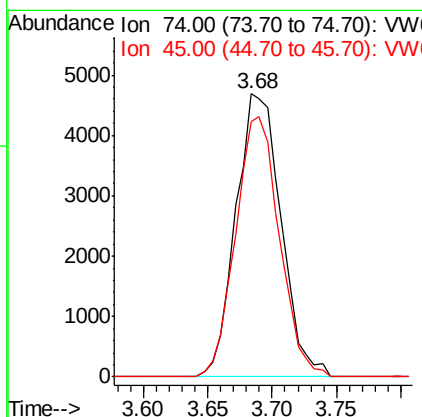
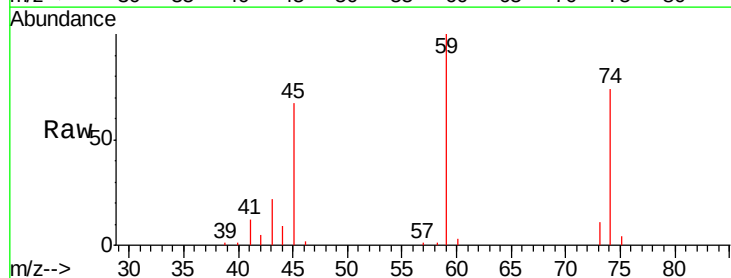
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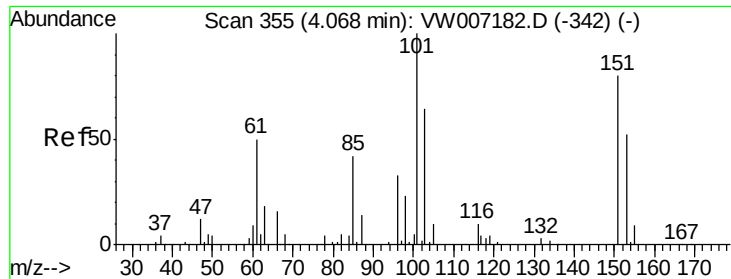


#8

Diethyl Ether
Concen: 21.202 ug/l
RT: 3.68 min Scan# 292
Delta R.T. -0.01 min
Lab File: VW007181.D
Acq: 04 Dec 2018 12:04

Tgt Ion: 74 Resp: 11389
Ion Ratio Lower Upper
74 100
45 89.1 47.2 141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.868 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW007181.D

Acq: 04 Dec 2018 12:04

Instrument :

MSVOA_W

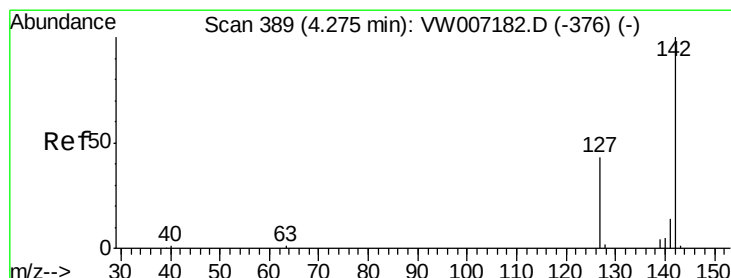
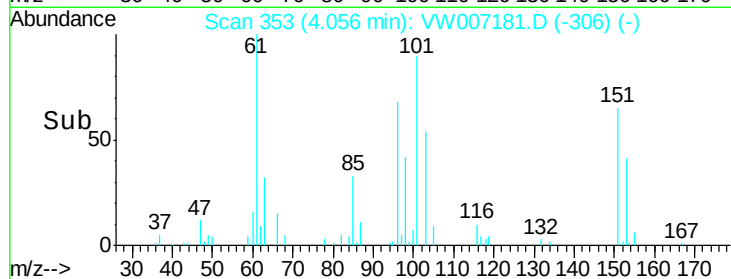
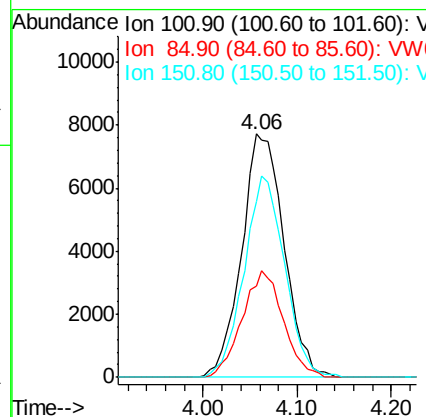
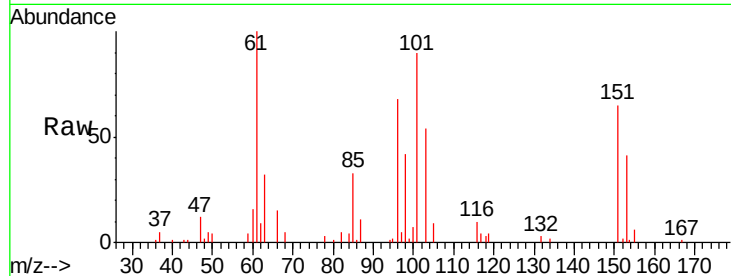
ClientSampleId :

VSTDIC020

Tgt Ion:	101	Resp:	24293
Ion Ratio	Lower	Upper	
101	100		
85	42.3	33.4	50.2
151	79.5	63.9	95.9

Manual Integrations
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#10

Methyl Iodide

Concen: 18.275 ug/l

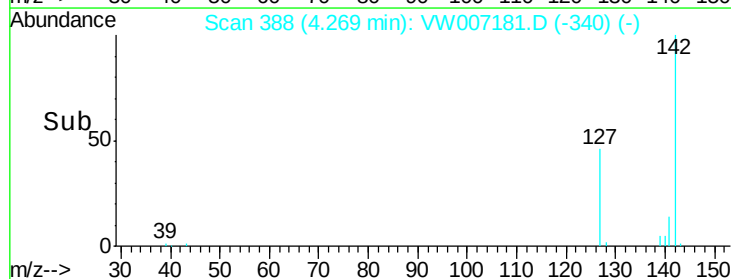
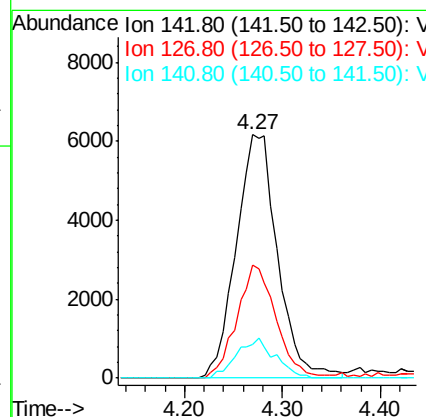
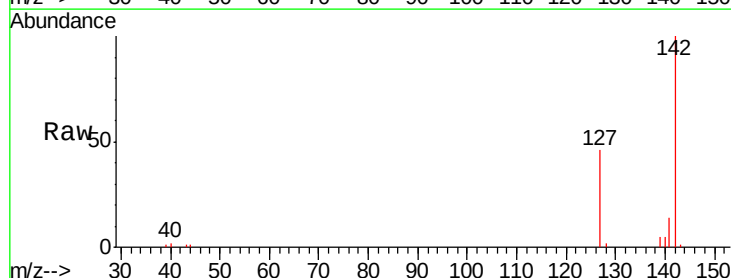
RT: 4.27 min Scan# 388

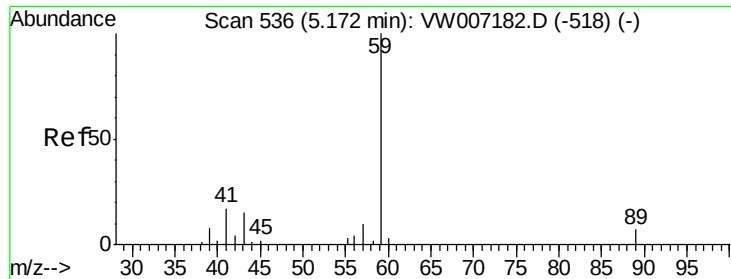
Delta R.T. -0.01 min

Lab File: VW007181.D

Acq: 04 Dec 2018 12:04

Tgt Ion:	142	Resp:	18123
Ion Ratio	Lower	Upper	
142	100		
127	43.5	34.9	52.3
141	15.2	11.7	17.5





#11

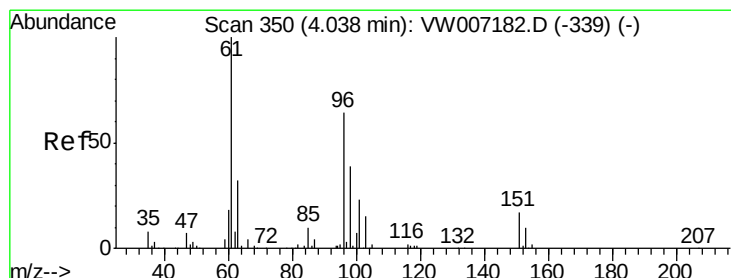
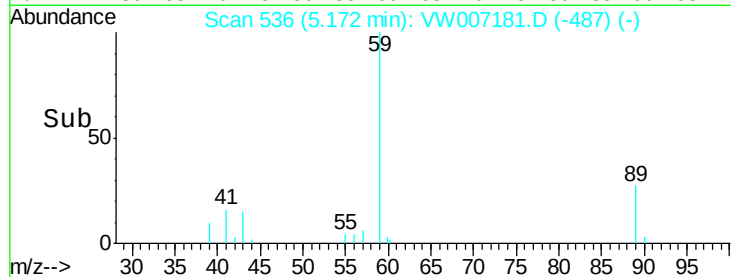
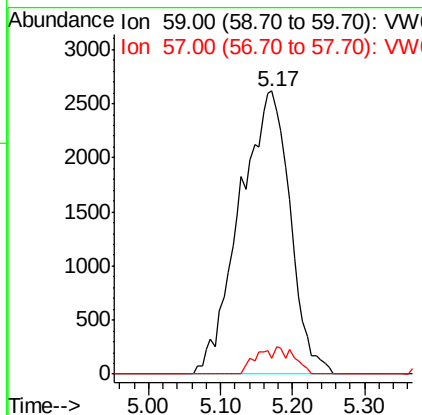
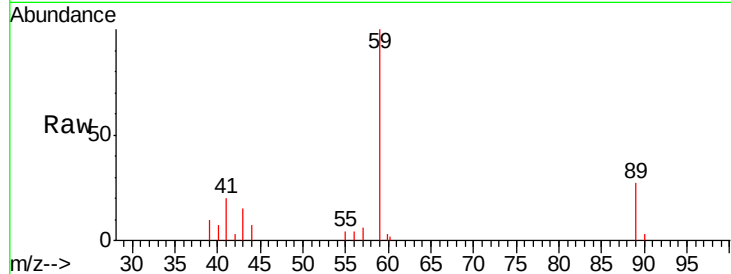
Tert butyl alcohol
 Concen: 102.607 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. -0.00 min
 Lab File: VW007181.D
 Acq: 04 Dec 2018 12:04

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
59	100		
57	3.7	7.1	10.7#

Manual Integrations
 APPROVED

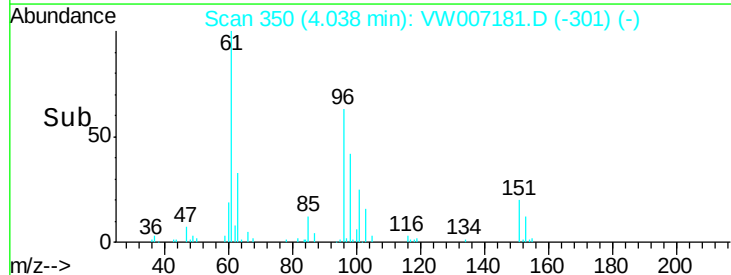
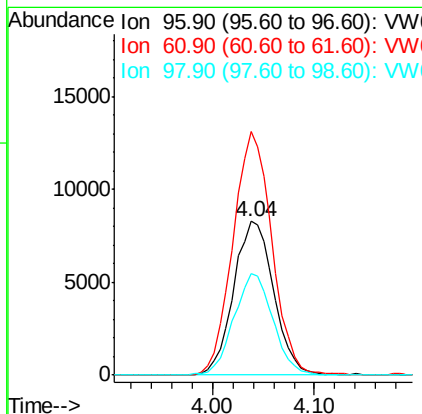
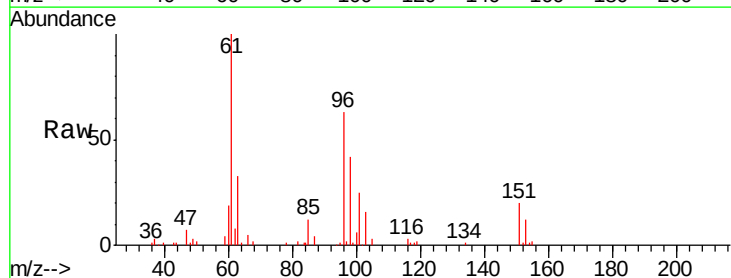
apatel
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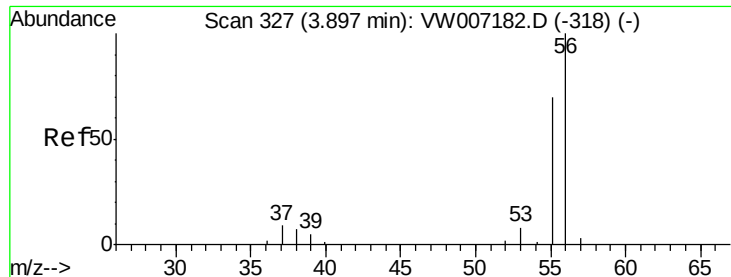


#12

1,1-Dichloroethene
 Concen: 20.737 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW007181.D
 Acq: 04 Dec 2018 12:04

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.7	124.1	186.1
98	66.4	48.6	72.8





#13

Acrolein

Concen: 106.200 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW007181.D

Acq: 04 Dec 2018 12:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tgt Ion: 56 Resp: 7894

Ion Ratio Lower Upper

56 100

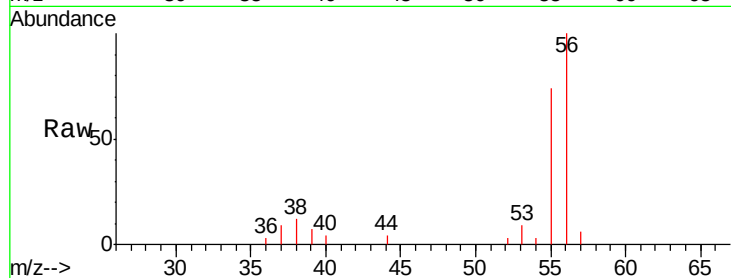
55 73.9 56.9 85.3

Manual Integrations

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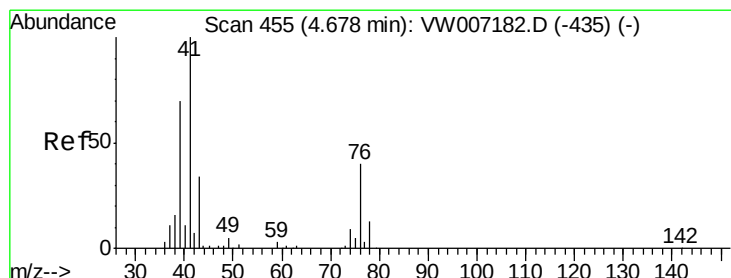
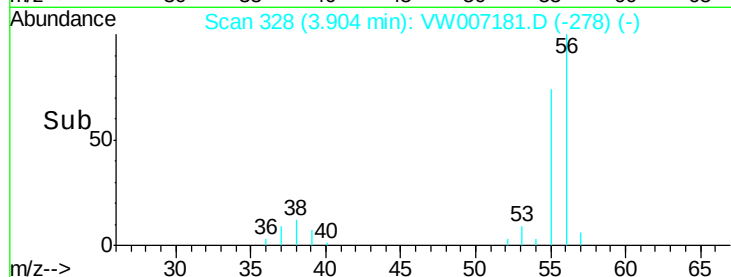
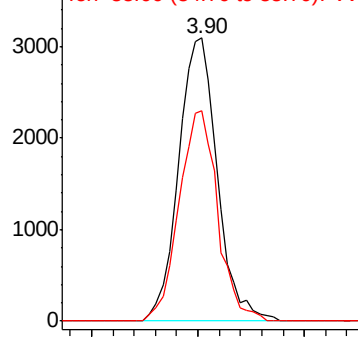
apatel

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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 20.172 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW007181.D

Acq: 04 Dec 2018 12:04

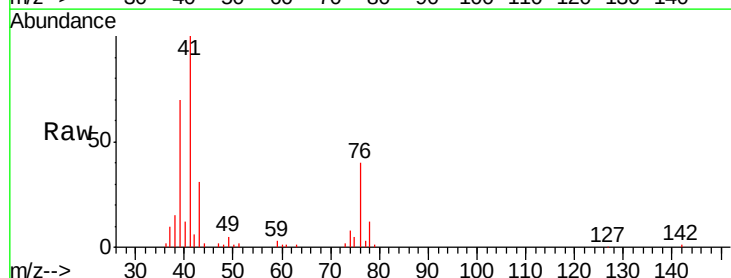
Tgt Ion: 41 Resp: 35274

Ion Ratio Lower Upper

41 100

39 70.0 55.9 83.9

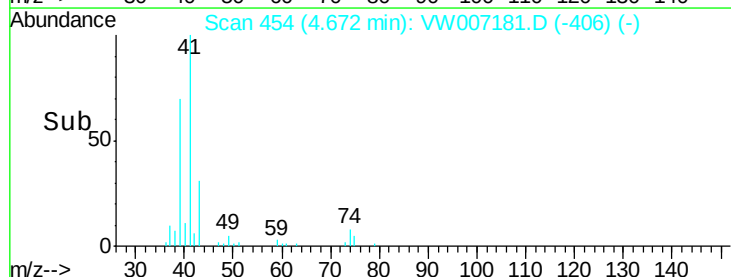
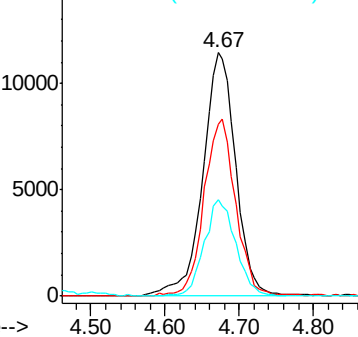
76 37.9 30.8 46.2

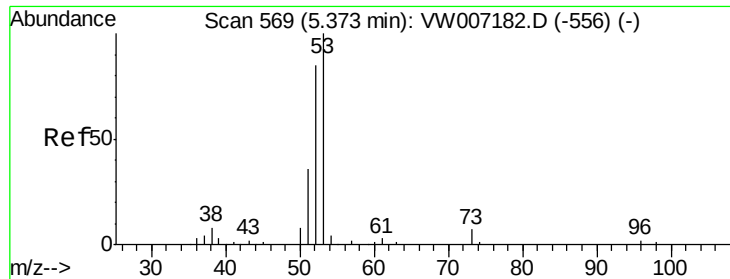


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 102.357 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW007181.D

Acq: 04 Dec 2018 12:04

Instrument :

MSVOA_W

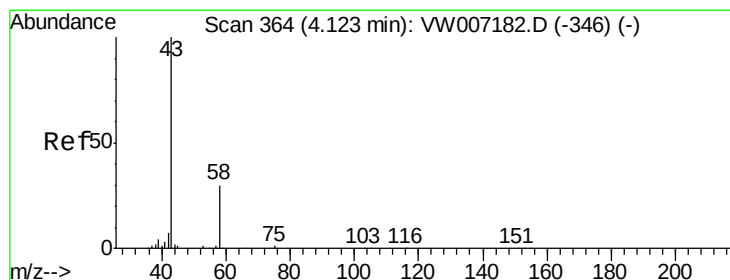
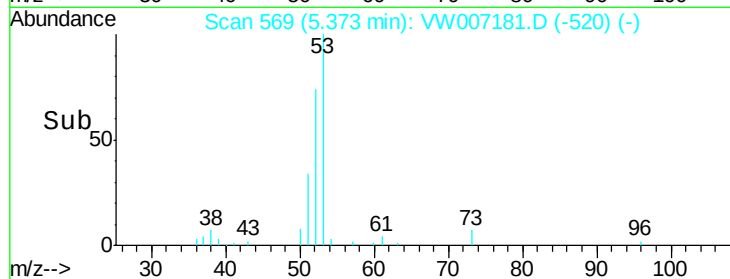
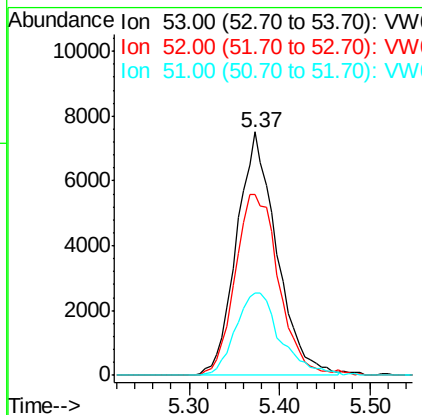
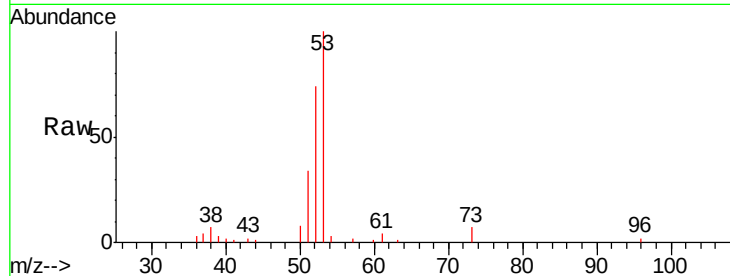
ClientSampleId :

VSTDIC020

Tgt Ion:	53	Resp:	22985
Ion Ratio	Lower	Upper	
53	100		
52	80.4	66.1	99.1
51	38.0	30.3	45.5

Manual Integrations
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#16

Acetone

Concen: 93.532 ug/l

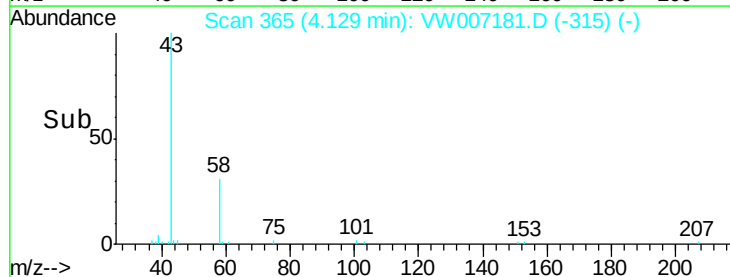
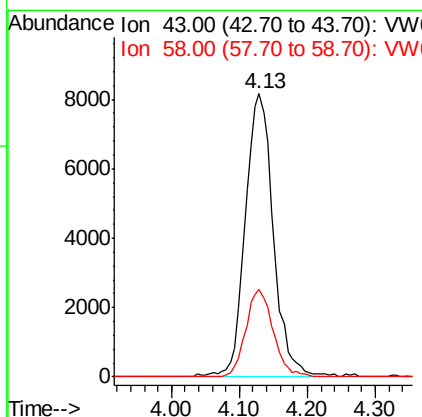
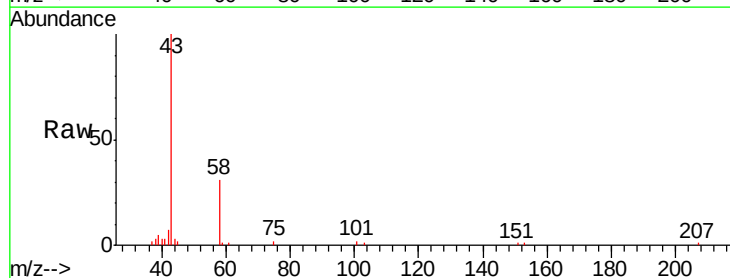
RT: 4.13 min Scan# 365

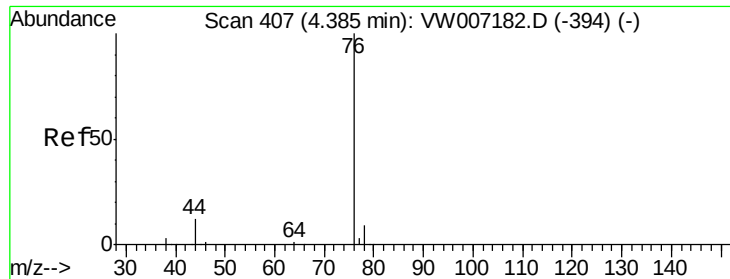
Delta R.T. 0.01 min

Lab File: VW007181.D

Acq: 04 Dec 2018 12:04

Tgt Ion:	43	Resp:	23489
Ion Ratio	Lower	Upper	
43	100		
58	30.7	23.8	35.8





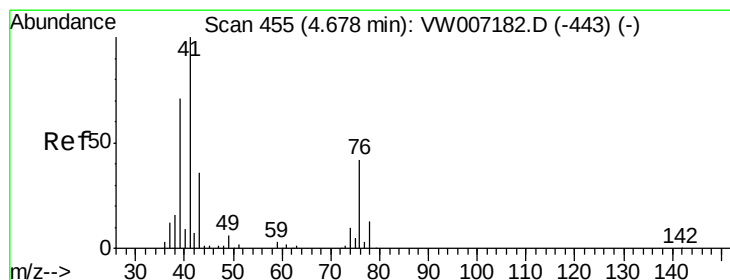
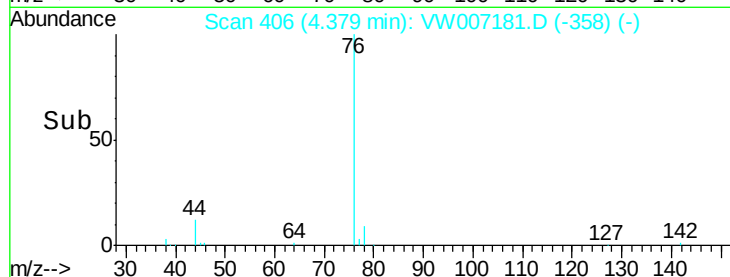
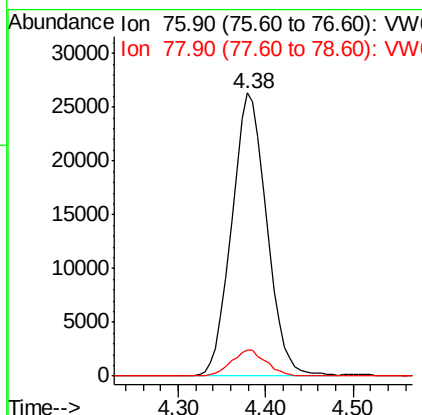
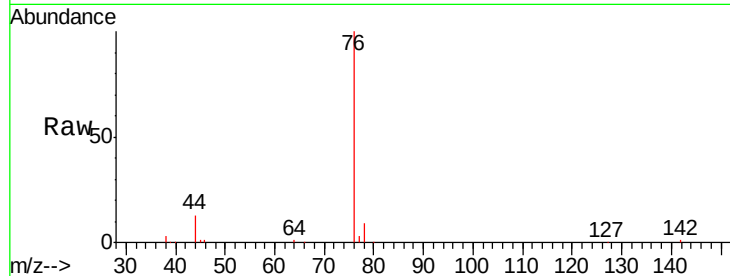
#17
Carbon Disulfide
Concen: 20.402 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW007181.D
Acq: 04 Dec 2018 12:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion: 76 Resp: 73367
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

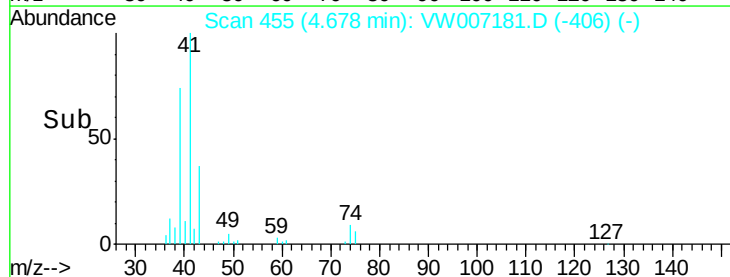
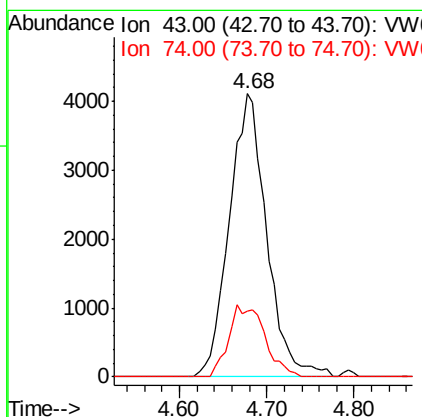
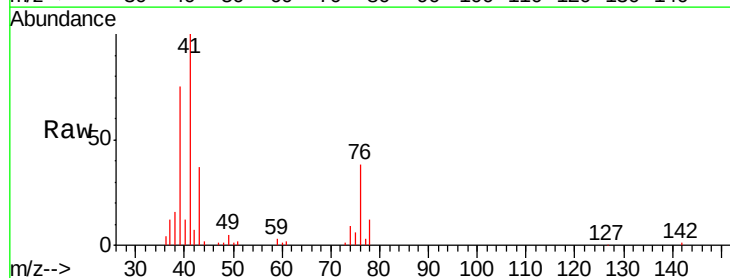
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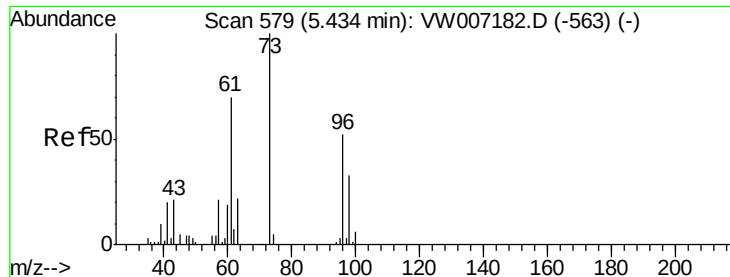
apatel
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#18
Methyl Acetate
Concen: 21.256 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW007181.D
Acq: 04 Dec 2018 12:04

Tgt Ion: 43 Resp: 12185
Ion Ratio Lower Upper
43 100
74 24.4 20.1 30.1





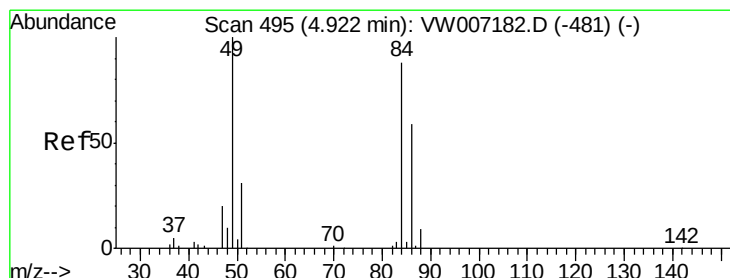
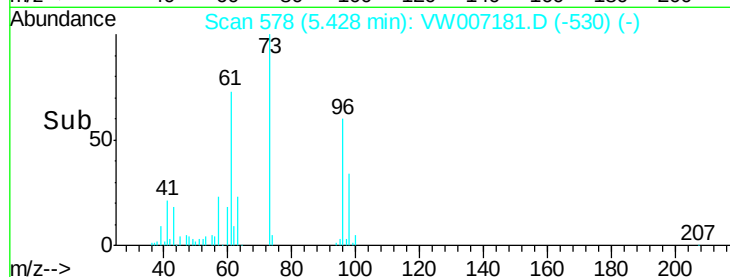
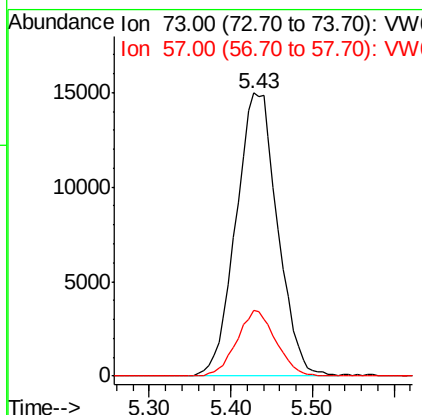
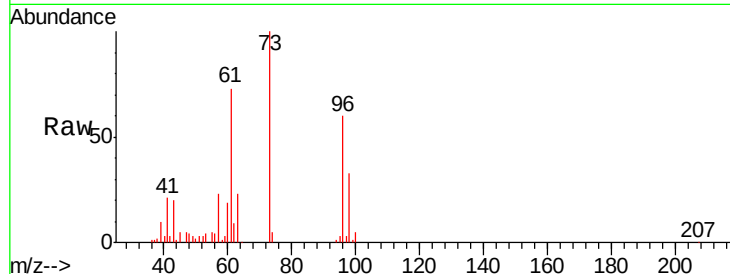
#19
Methyl tert-butyl Ether
Concen: 20.684 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW007181.D
Acq: 04 Dec 2018 12:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 53127
Ion Ratio Lower Upper
73 100
57 23.1 16.6 25.0

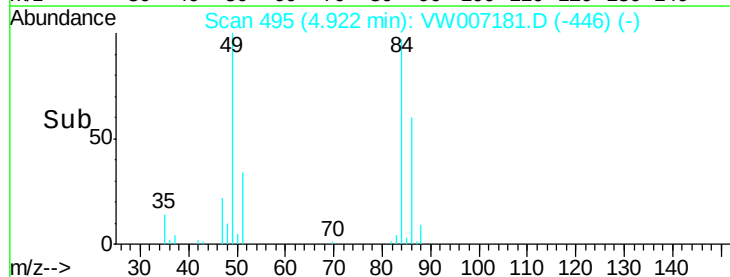
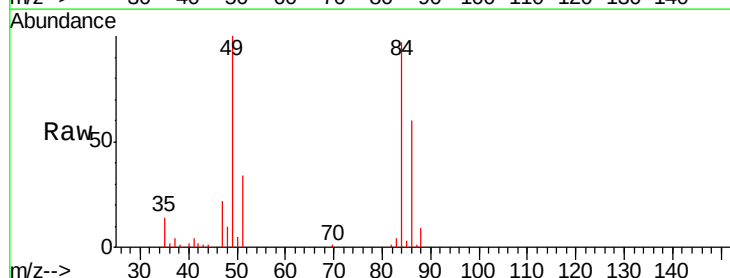
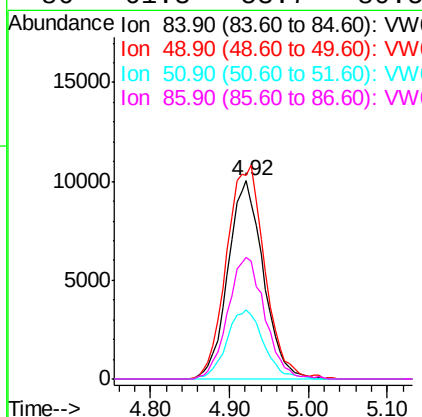
Manual Integrations
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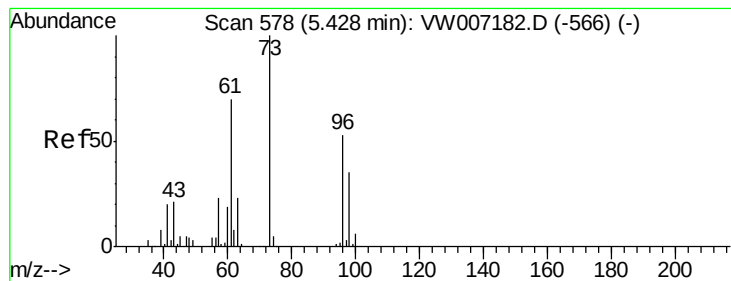
apatel
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#20
Methylene Chloride
Concen: 21.042 ug/l
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW007181.D
Acq: 04 Dec 2018 12:04

Tgt Ion: 84 Resp: 31425
Ion Ratio Lower Upper
84 100
49 102.8 90.6 135.8
51 35.1 27.6 41.4
86 61.3 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 20.579 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.00 min

Lab File: VW007181.D

Acq: 04 Dec 2018 12:04

Instrument :

MSVOA_W

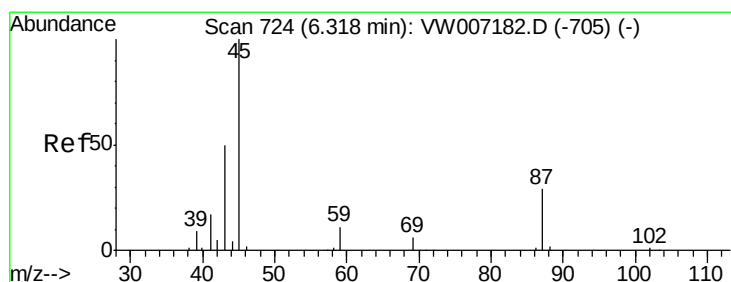
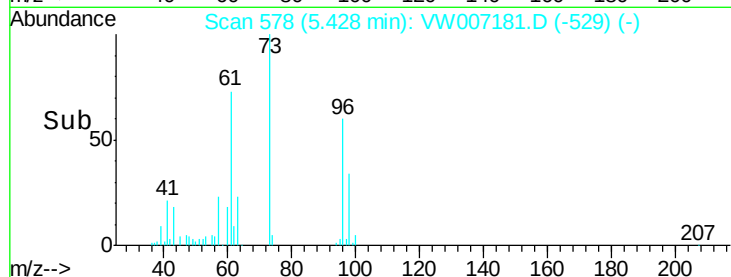
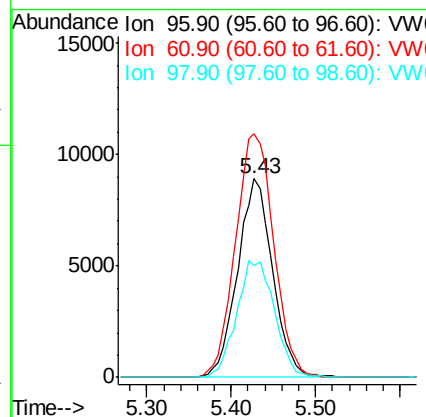
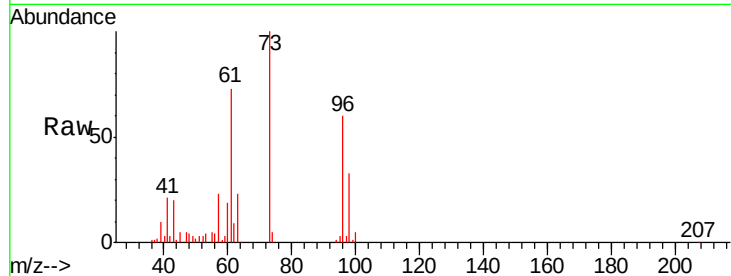
ClientSampled :

VSTDIC020

Tgt Ion:	96	Resp:	25068
Ion	Ratio	Lower	Upper
96	100		
61	122.6	105.5	158.3
98	56.2	52.6	79.0

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#22

Diisopropyl ether

Concen: 20.540 ug/l

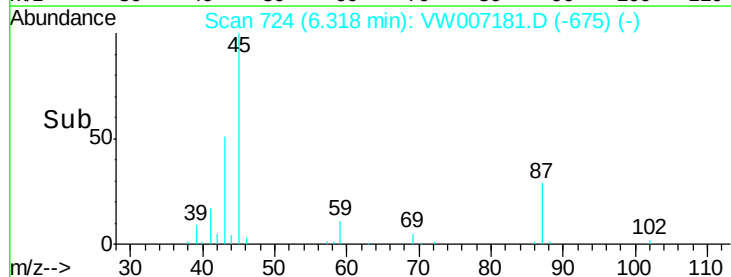
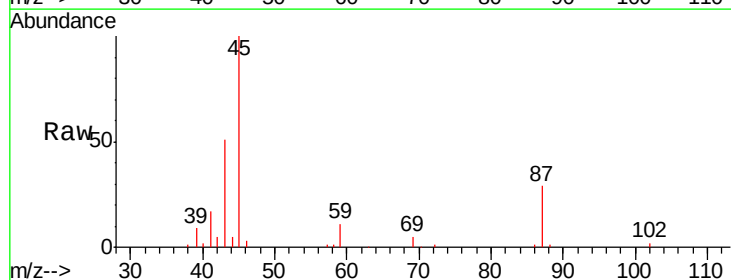
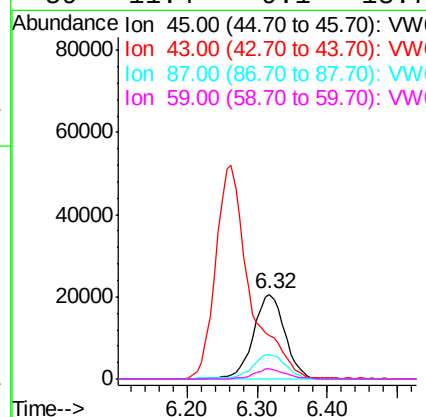
RT: 6.32 min Scan# 724

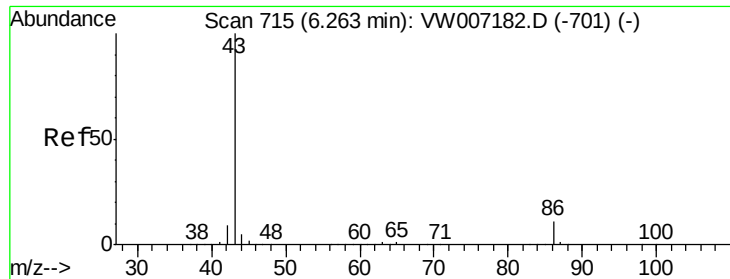
Delta R.T. -0.00 min

Lab File: VW007181.D

Acq: 04 Dec 2018 12:04

Tgt Ion:	45	Resp:	64477
Ion	Ratio	Lower	Upper
45	100		
43	50.6	40.8	61.2
87	29.0	24.0	36.0
59	11.4	9.1	13.7





#23

Vinyl Acetate

Concen: 103.004 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW007181.D

Acq: 04 Dec 2018 12:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 176433

Ion Ratio Lower Upper

43 100

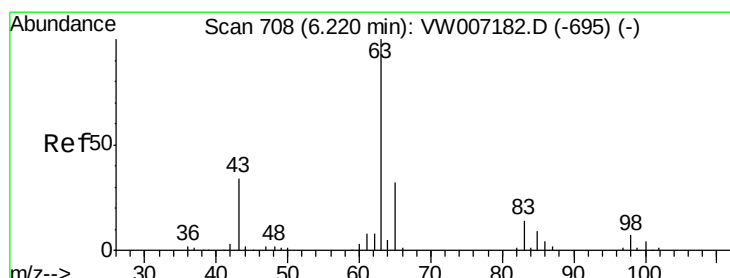
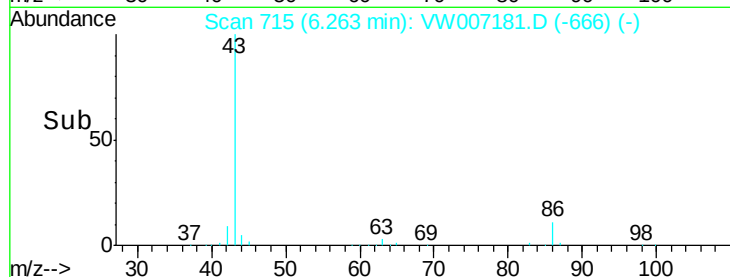
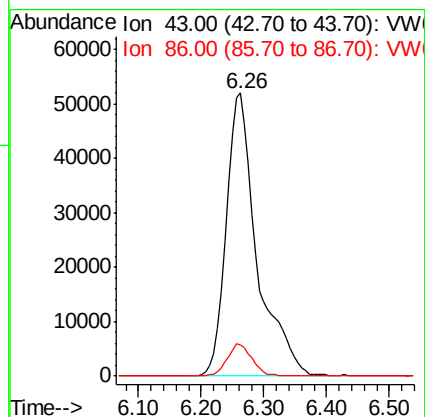
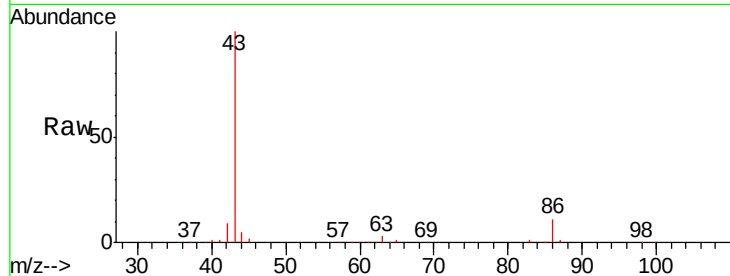
86 10.9 9.0 13.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.607 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW007181.D

Acq: 04 Dec 2018 12:04

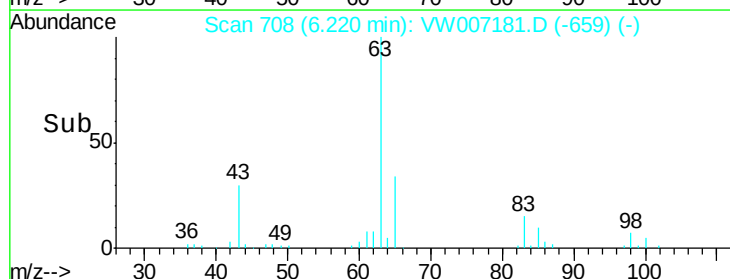
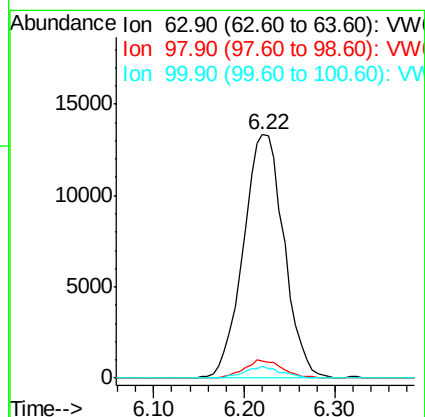
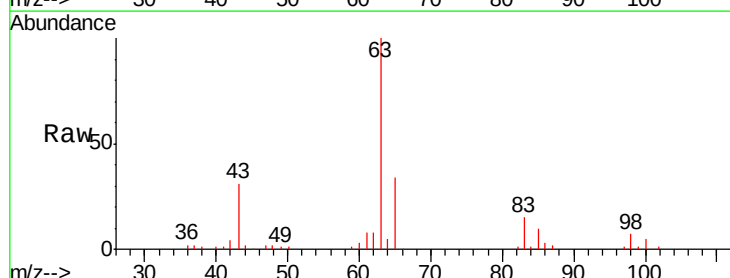
Tgt Ion: 63 Resp: 41461

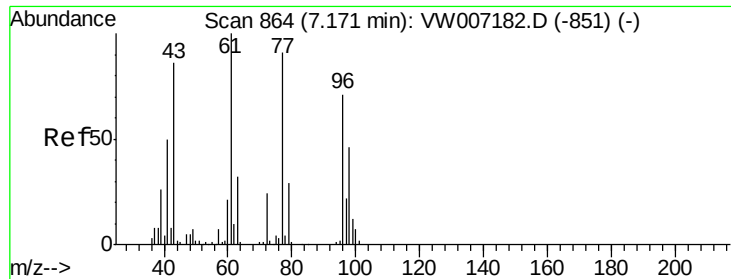
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.5

100 4.7 2.1 6.2





#25

2-Butanone

Concen: 99.586 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW007181.D

Acq: 04 Dec 2018 12:04

Instrument :

MSVOA_W

ClientSampled :

VSTDIC020

Tgt Ion: 43 Resp: 28991

Ion Ratio Lower Upper

43 100

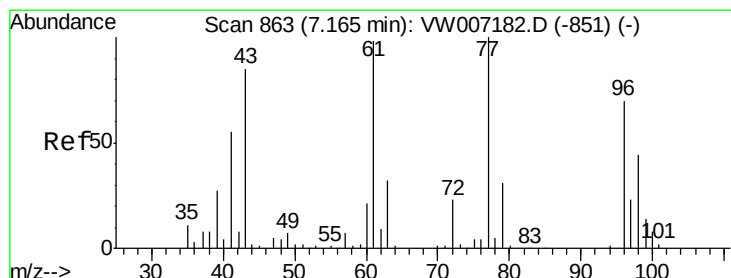
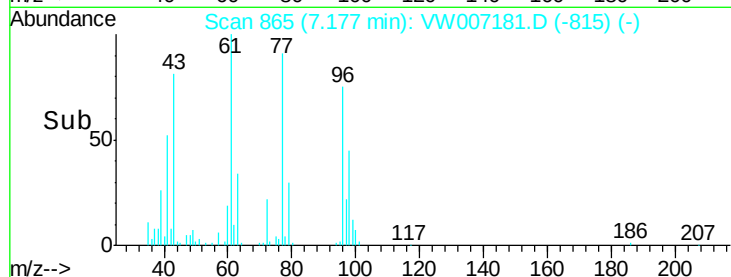
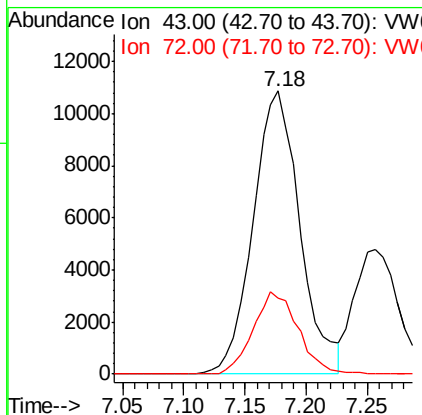
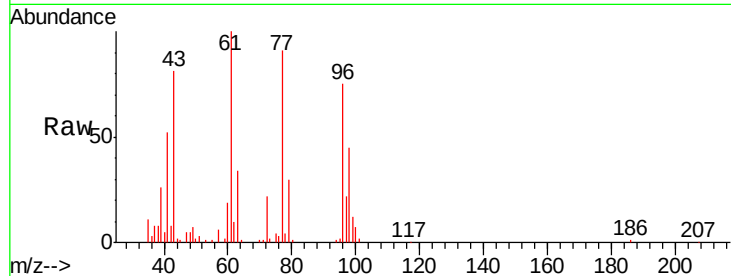
72 26.7 22.8 34.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.003 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW007181.D

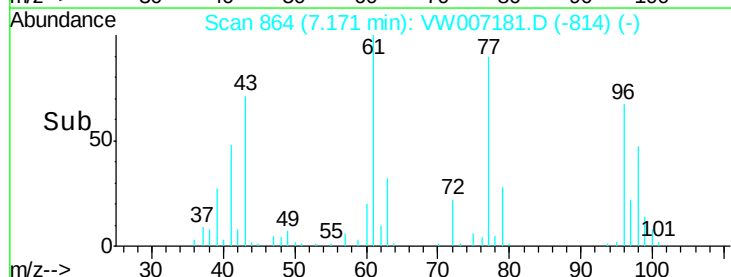
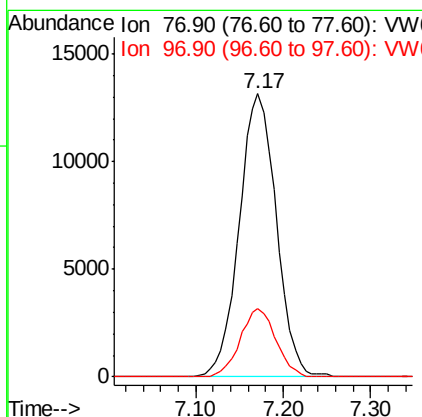
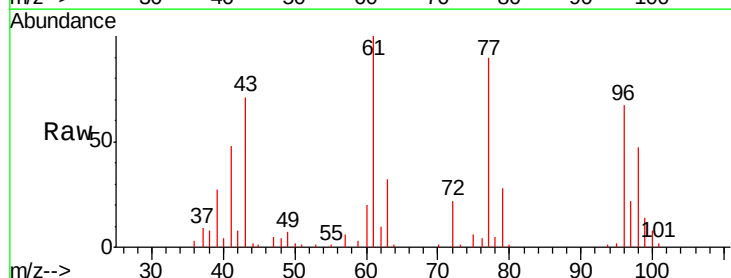
Acq: 04 Dec 2018 12:04

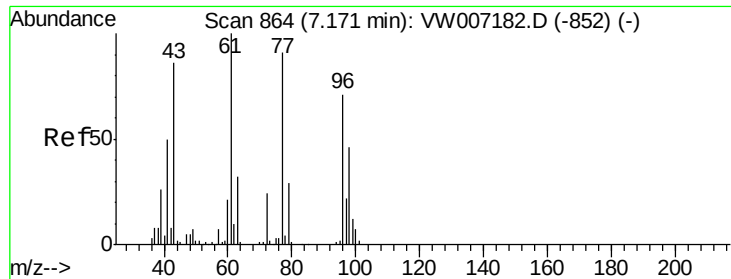
Tgt Ion: 77 Resp: 38675

Ion Ratio Lower Upper

77 100

97 23.1 11.5 34.4





#27

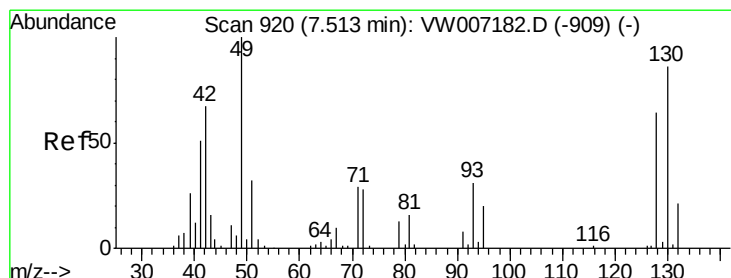
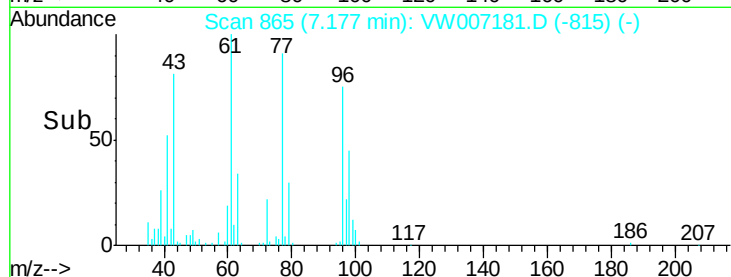
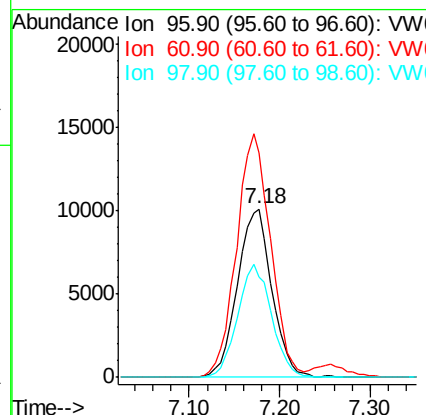
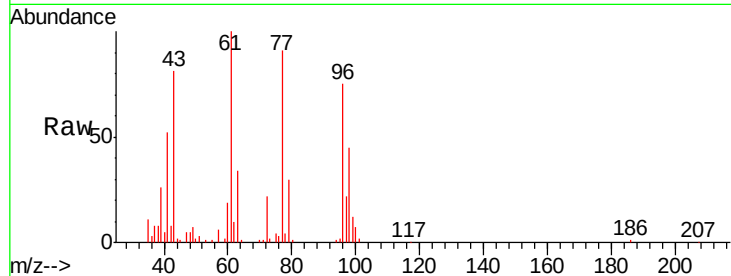
cis-1,2-Dichloroethene
Concen: 20.306 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW007181.D
Acq: 04 Dec 2018 12:04

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.7	0.0	282.4
98	66.0	0.0	129.8

Manual Integrations
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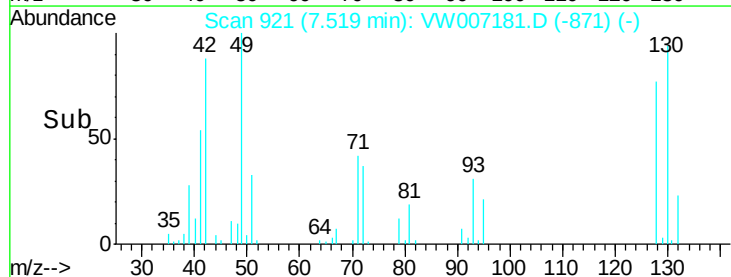
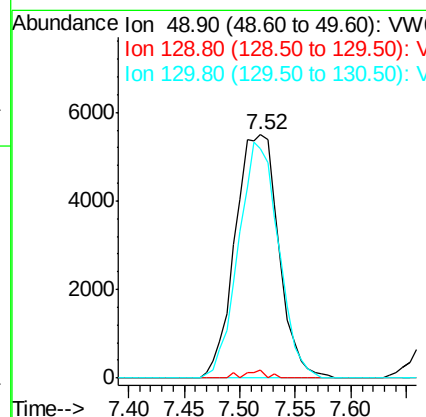
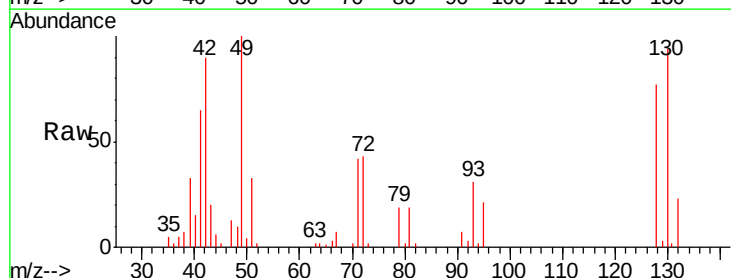
apatel
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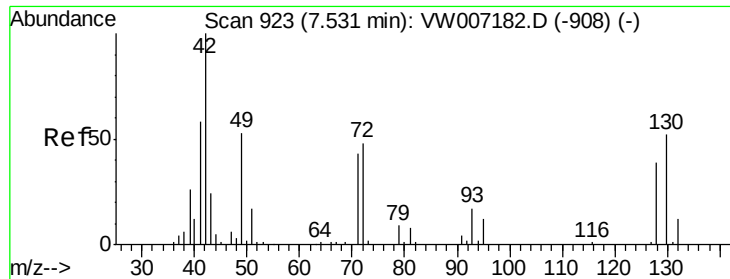


#28

Bromochloromethane
Concen: 20.598 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.01 min
Lab File: VW007181.D
Acq: 04 Dec 2018 12:04

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.8
130	89.4	70.3	105.5





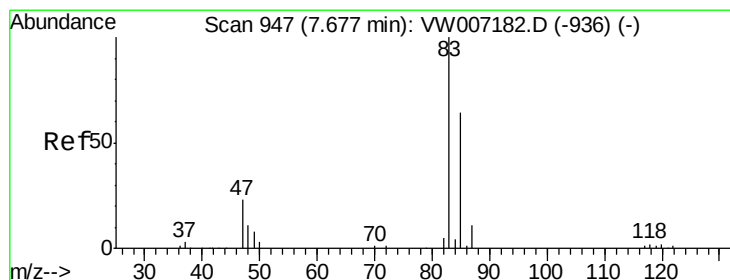
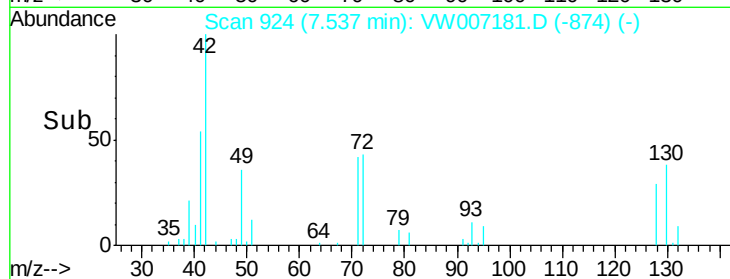
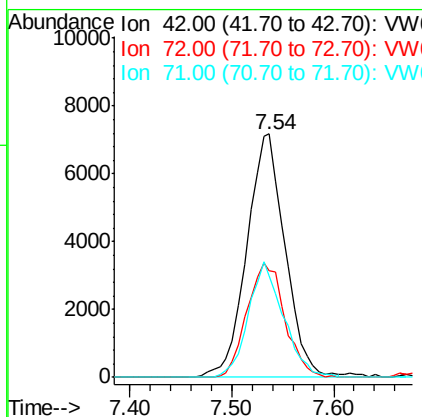
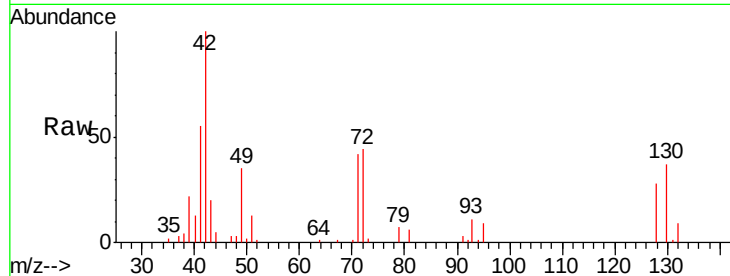
#29
Tetrahydrofuran
Concen: 103.860 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW007181.D
Acq: 04 Dec 2018 12:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
42	100		
72	46.5	36.6	55.0
71	43.8	34.8	52.2

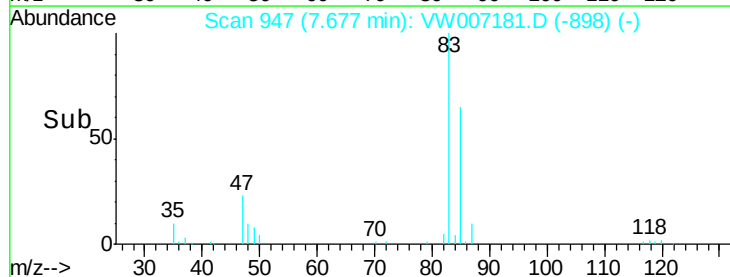
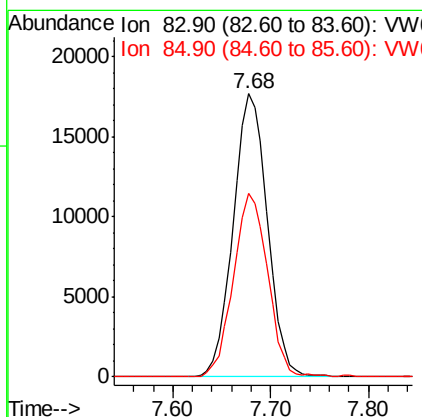
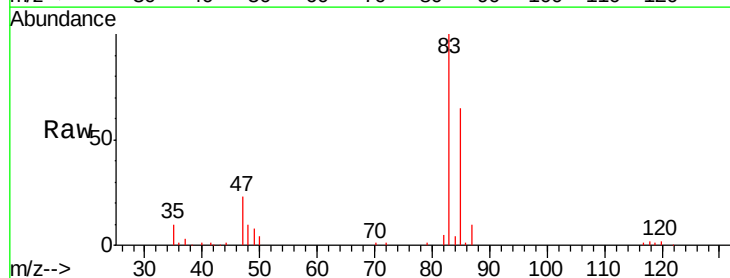
Manual Integrations
APPROVED

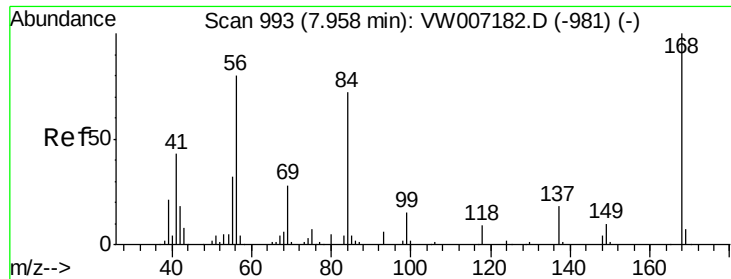
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#30
Chloroform
Concen: 20.508 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007181.D
Acq: 04 Dec 2018 12:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.5	77.3





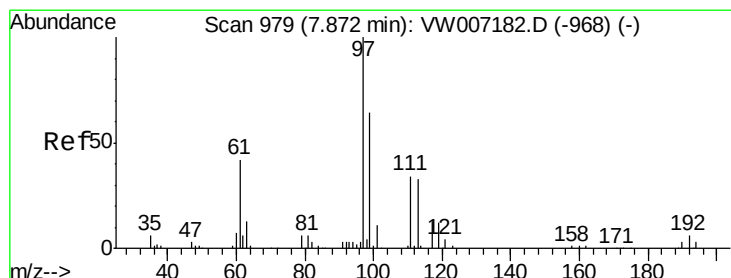
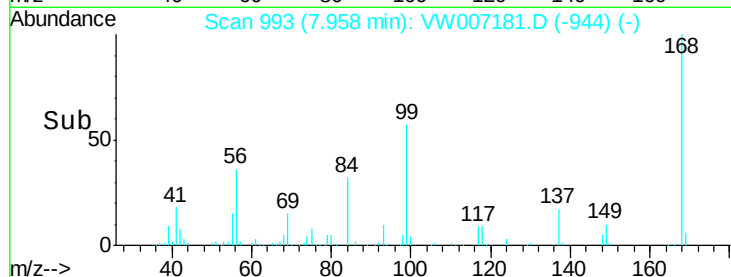
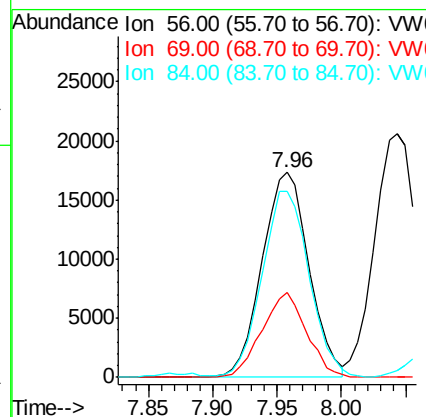
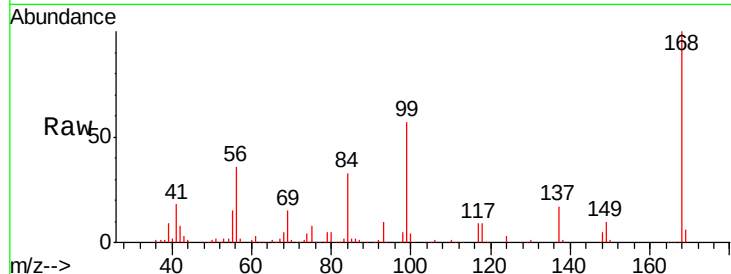
#31
Cyclohexane
Concen: 20.788 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW007181.D
Acq: 04 Dec 2018 12:04

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
56	100		
69	41.7	28.2	42.2
84	89.0	72.1	108.1

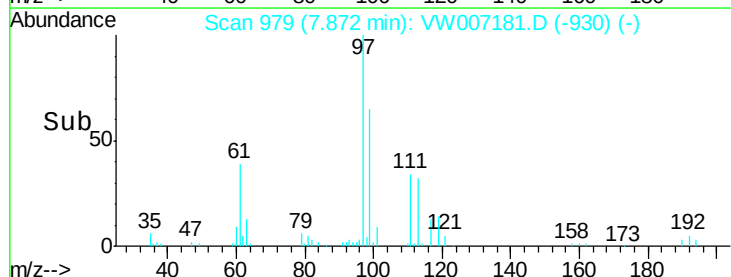
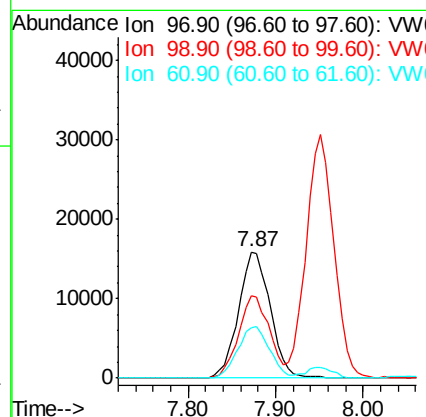
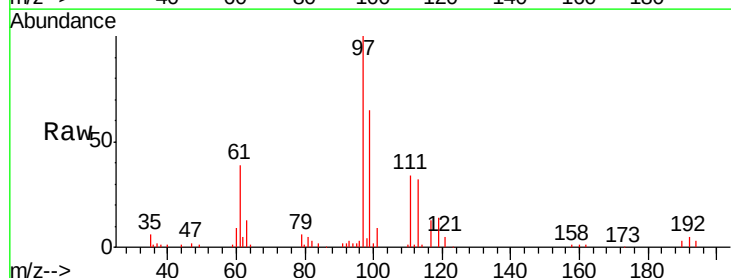
Manual Integrations
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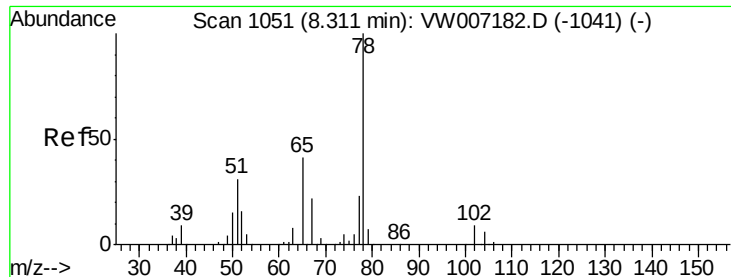
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#32
1,1,1-Trichloroethane
Concen: 20.291 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007181.D
Acq: 04 Dec 2018 12:04

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.3	76.9
61	41.2	33.2	49.8





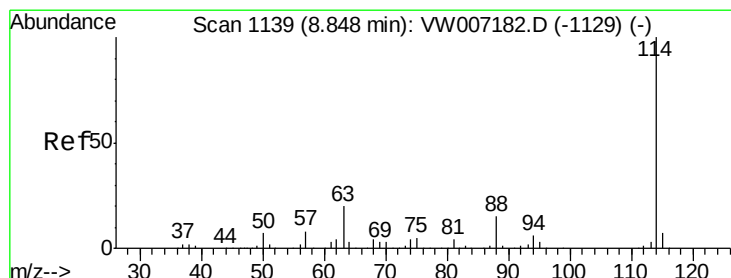
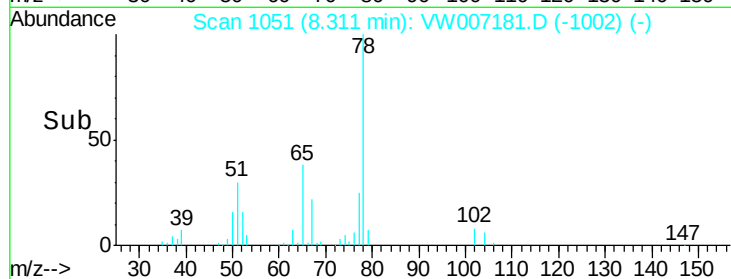
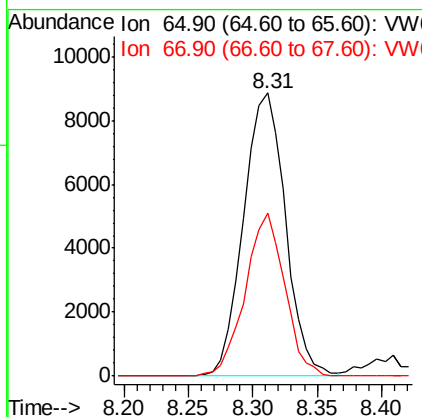
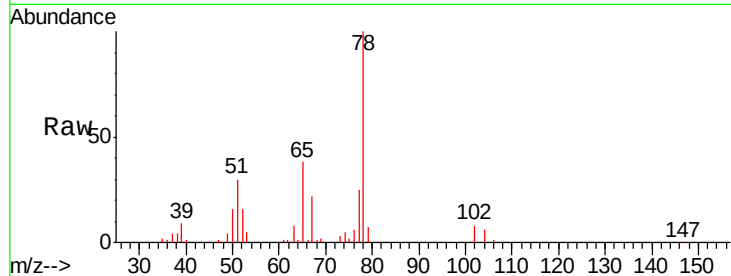
#33
 1,2-Dichloroethane-d4
 Concen: 18.807 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW007181.D
 Acq: 04 Dec 2018 12:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	19951		
67	53.9	0.0	106.4	

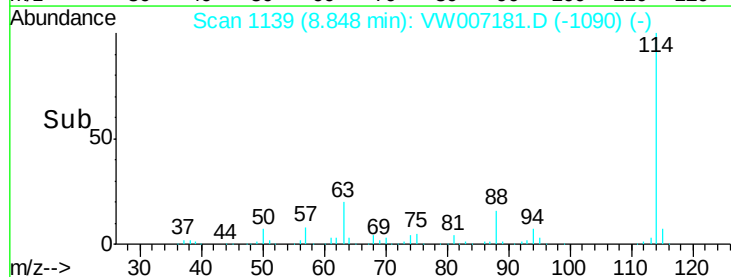
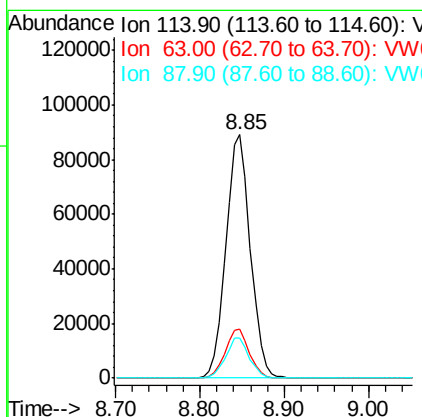
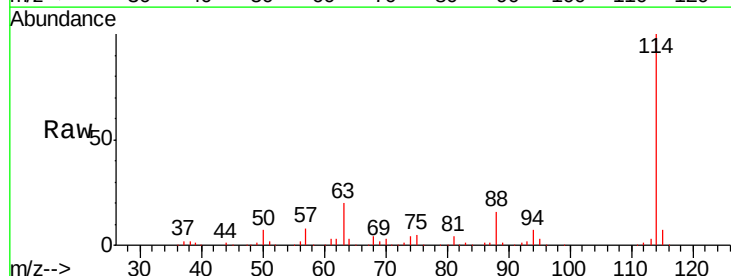
Manual Integrations
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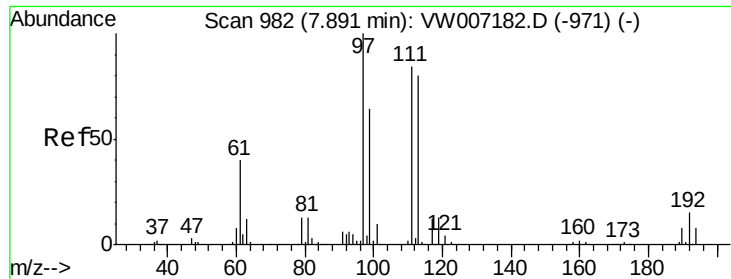
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW007181.D
 Acq: 04 Dec 2018 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	175997		
63	20.0	0.0	40.2	
88	16.3	0.0	30.0	





#35

Dibromofluoromethane

Concen: 18.856 ug/l

RT: 7.89 min Scan# 982

Delta R.T. -0.00 min

Lab File: VW007181.D

Acq: 04 Dec 2018 12:04

Instrument :

MSVOA_W

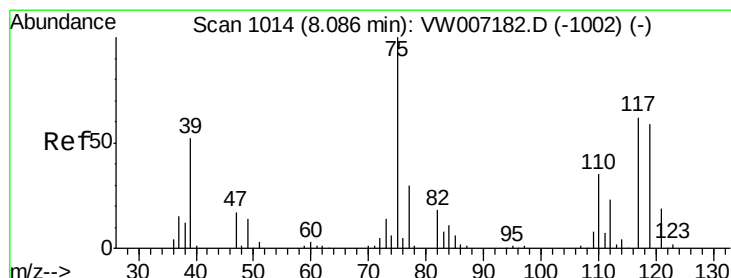
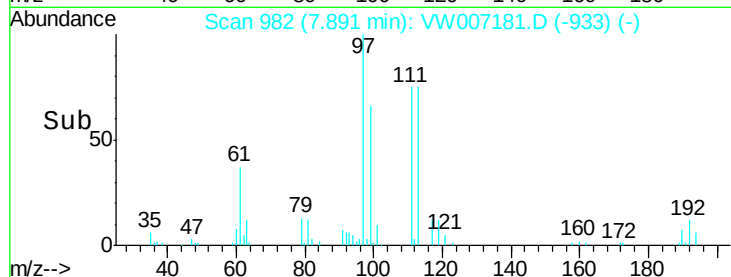
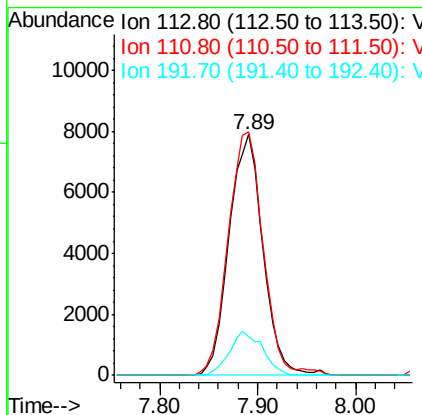
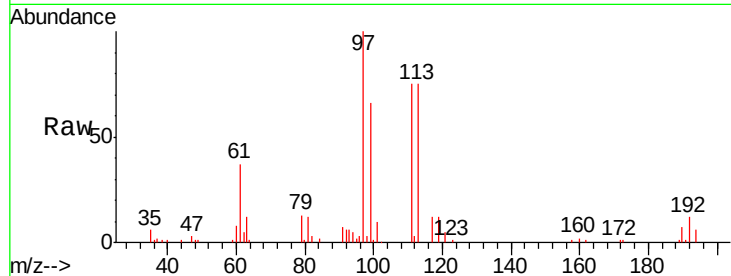
ClientSampleId :

VSTDIC020

Tgt Ion:	113	Resp:	19002
Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.2	123.4
192	17.9	14.4	21.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 20.973 ug/l

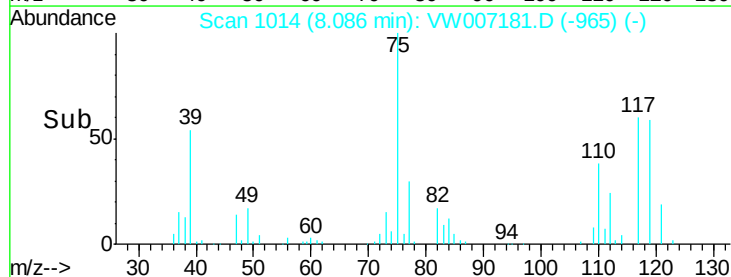
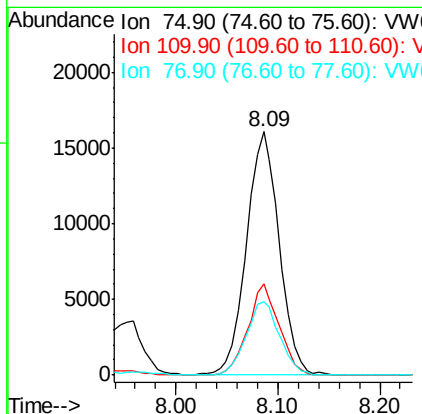
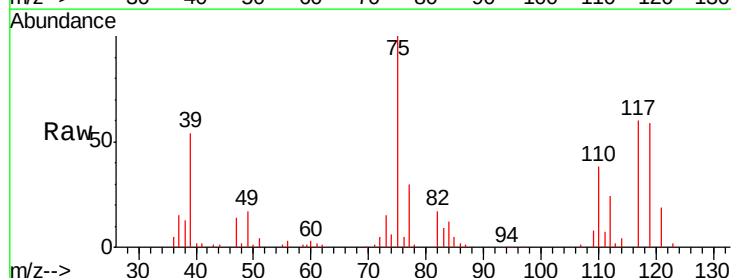
RT: 8.09 min Scan# 1014

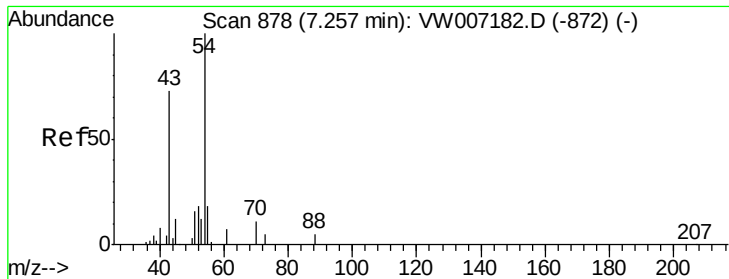
Delta R.T. -0.00 min

Lab File: VW007181.D

Acq: 04 Dec 2018 12:04

Tgt Ion:	75	Resp:	35916
Ion	Ratio	Lower	Upper
75	100		
110	35.6	18.3	54.9
77	31.0	24.9	37.3





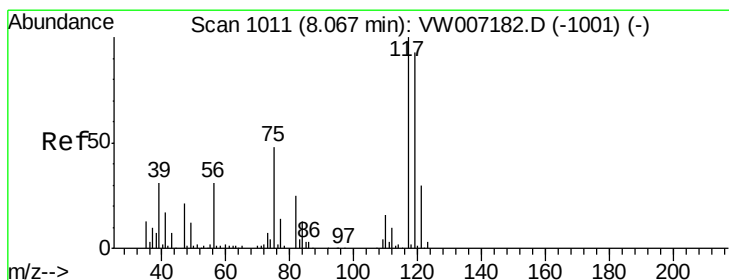
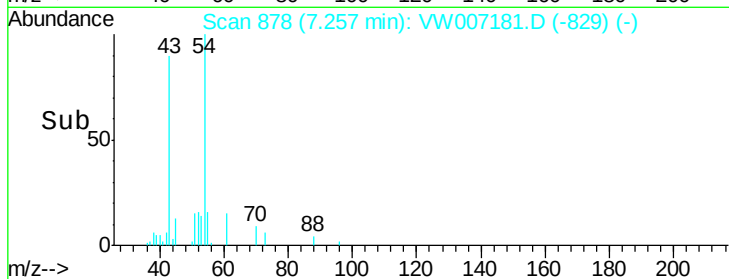
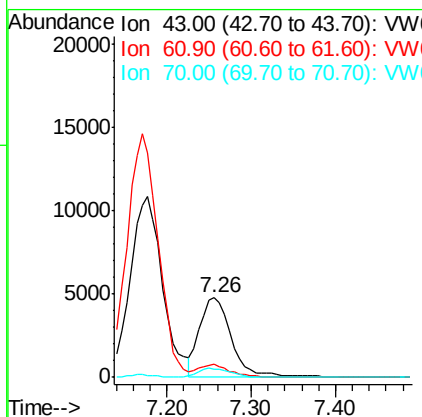
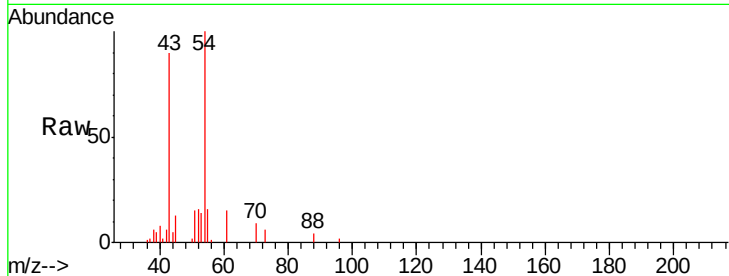
#37
Ethyl Acetate
Concen: 20.479 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW007181.D
Acq: 04 Dec 2018 12:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.4	12.1	18.1
70	11.4	9.1	13.7

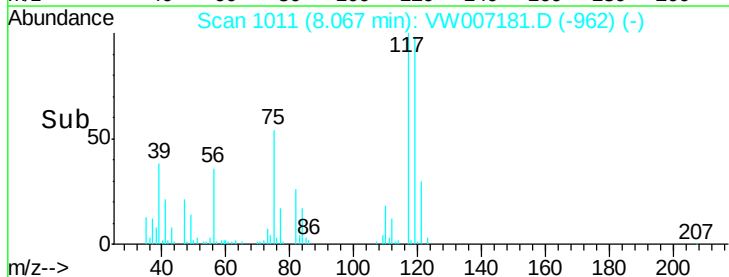
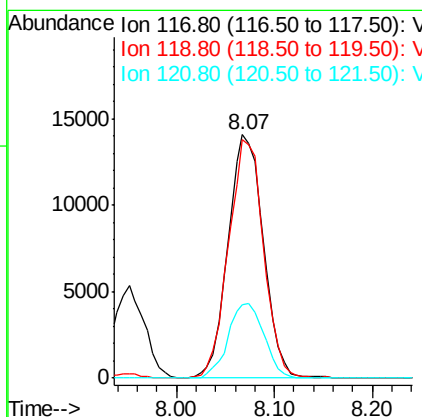
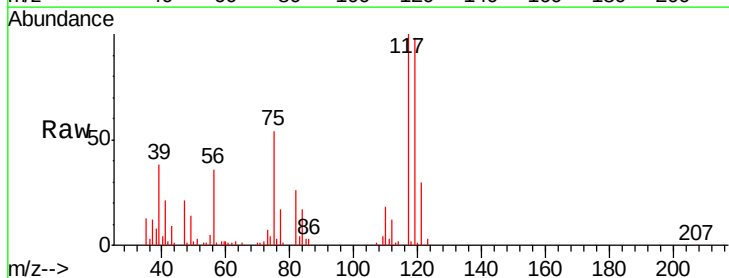
Manual Integrations
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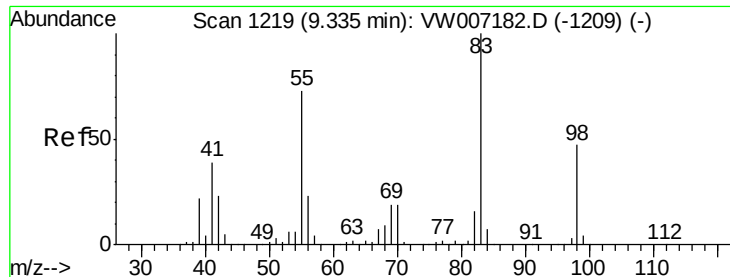
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#38
Carbon Tetrachloride
Concen: 20.188 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007181.D
Acq: 04 Dec 2018 12:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	74.1	111.1
121	30.3	23.9	35.9





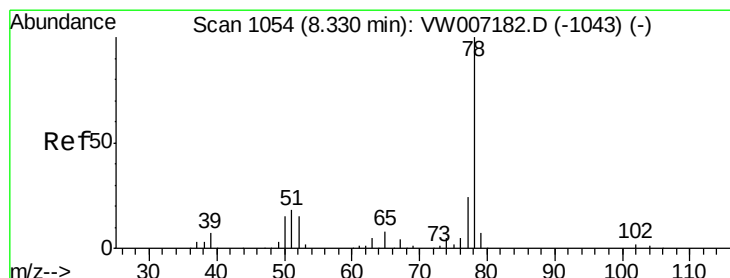
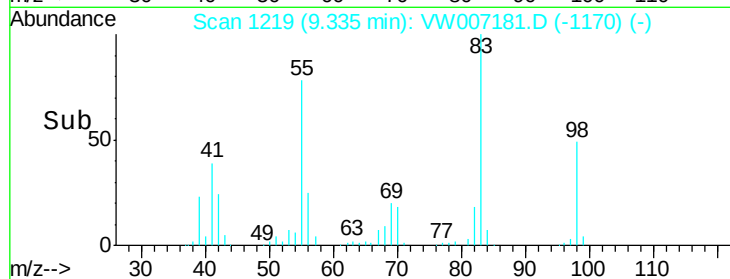
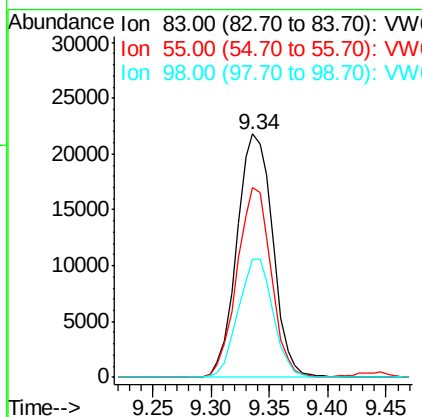
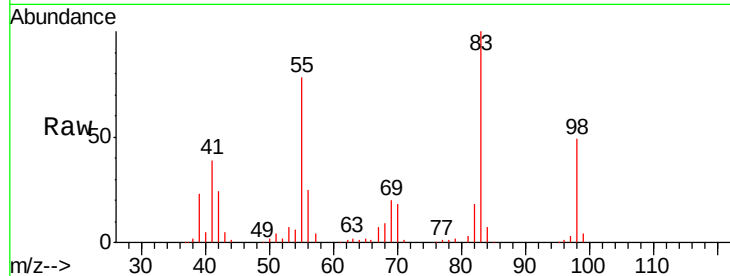
#39
Methylcyclohexane
Concen: 20.414 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007181.D
Acq: 04 Dec 2018 12:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.8	58.1	87.1
98	48.6	37.3	55.9

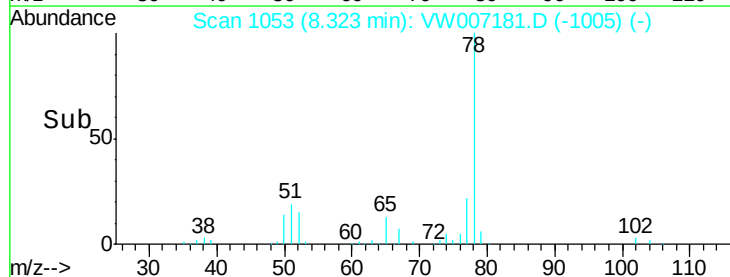
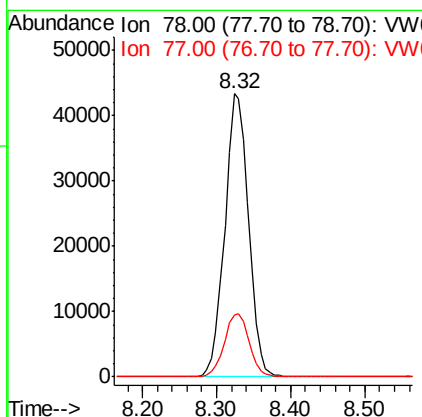
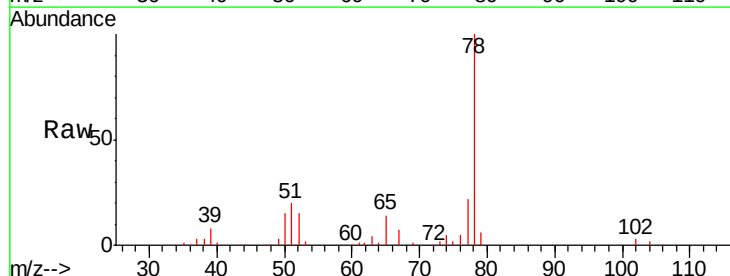
Manual Integrations
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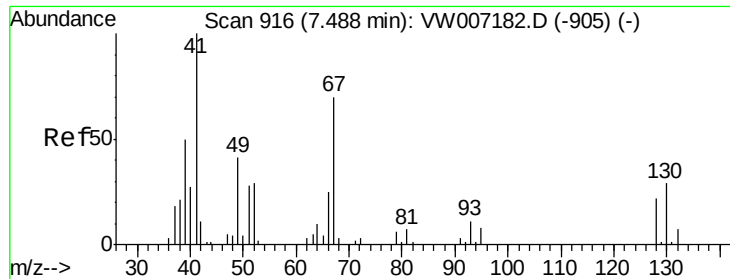
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#40
Benzene
Concen: 20.546 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW007181.D
Acq: 04 Dec 2018 12:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.7	18.9	28.3





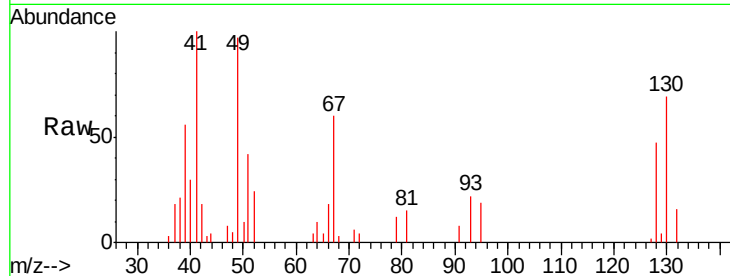
#41
Methacrylonitrile
Concen: 20.559 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW007181.D
Acq: 04 Dec 2018 12:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
41	100		
39	53.8	43.4	65.0
67	73.0	57.4	86.0
52	29.6	23.3	34.9

Manual Integrations
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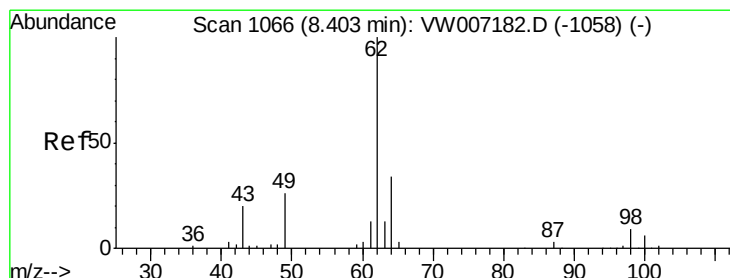
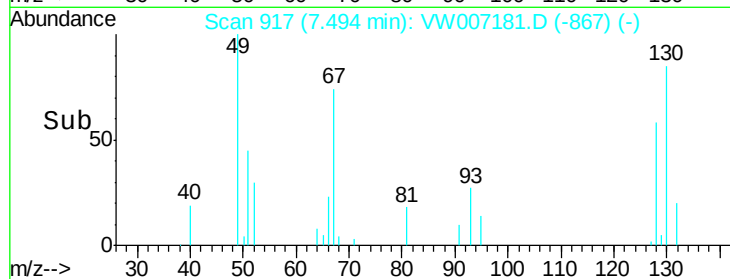
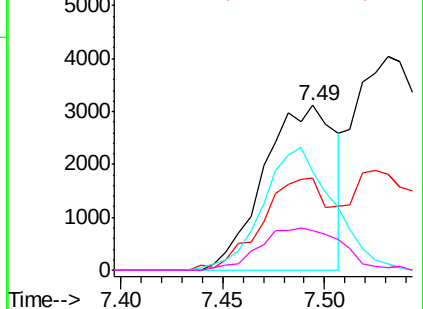
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

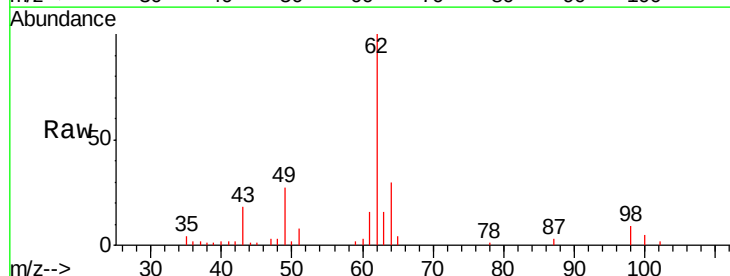
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 20.338 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007181.D
Acq: 04 Dec 2018 12:04

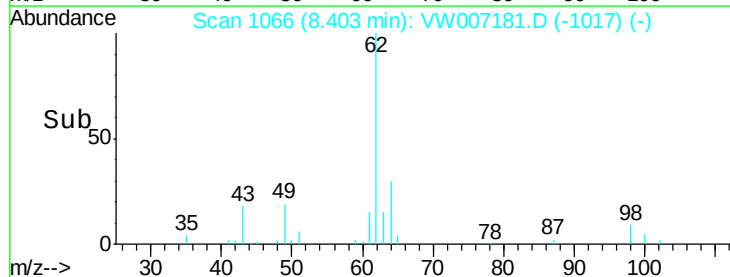
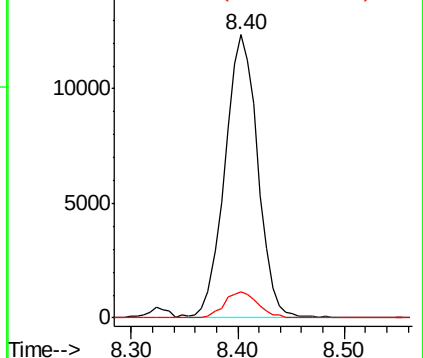
Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	17.8

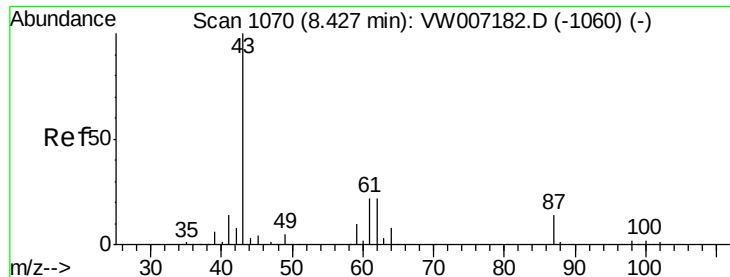


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 20.453 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007181.D

Acq: 04 Dec 2018 12:04

Instrument :

MSVOA_W

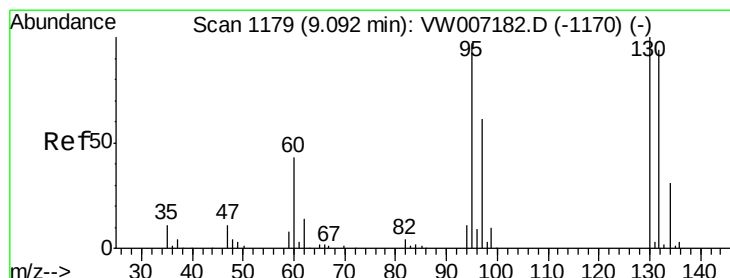
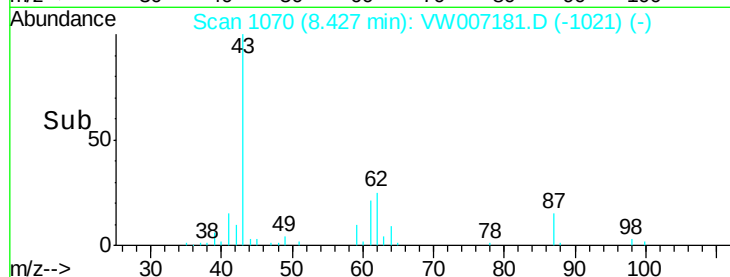
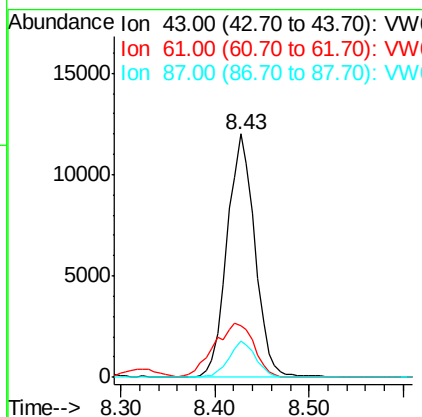
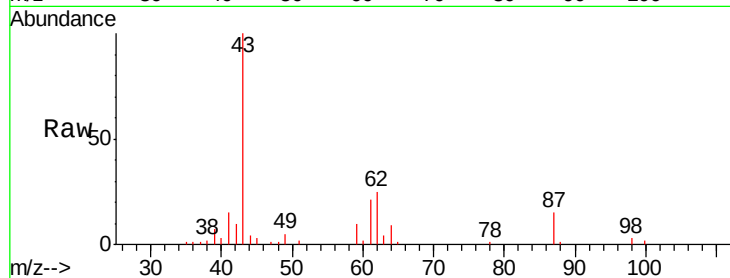
ClientSampleId :

VSTDIC020

Tgt Ion:	43	Resp:	24607
Ion	Ratio	Lower	Upper
43	100		
61	31.6	25.4	38.0
87	14.3	11.4	17.0

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#44

Trichloroethene

Concen: 20.714 ug/l

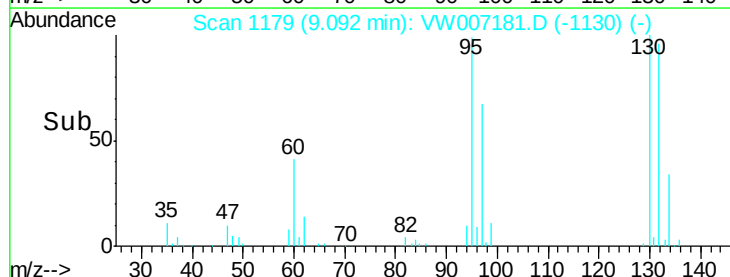
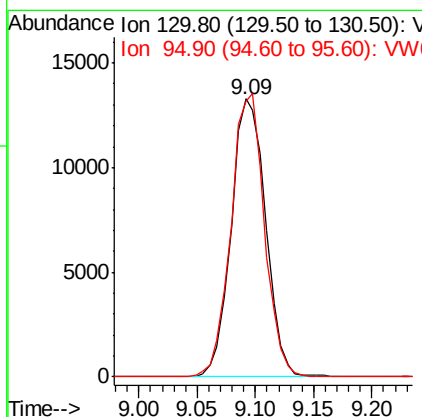
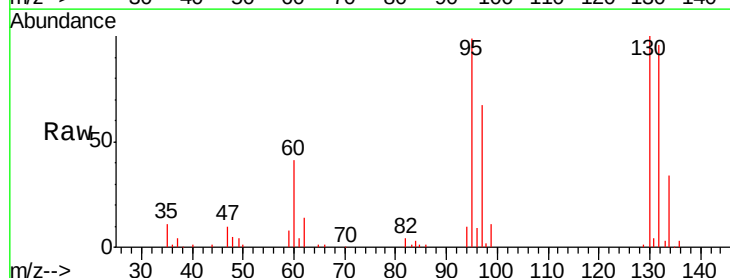
RT: 9.09 min Scan# 1179

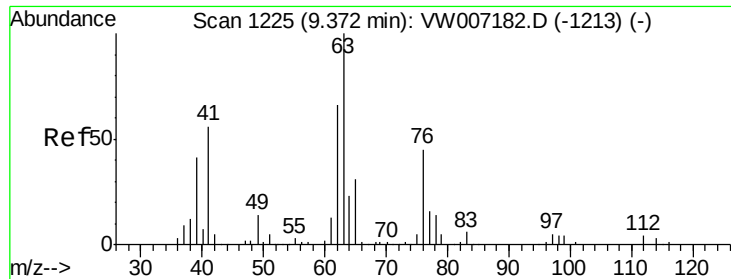
Delta R.T. -0.00 min

Lab File: VW007181.D

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Tgt Ion:	130	Resp:	27342
Ion	Ratio	Lower	Upper
130	100		
95	99.1	0.0	194.0





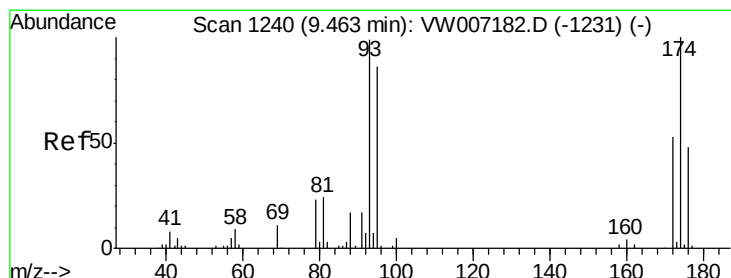
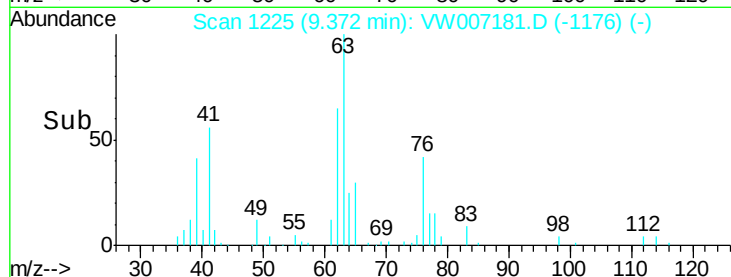
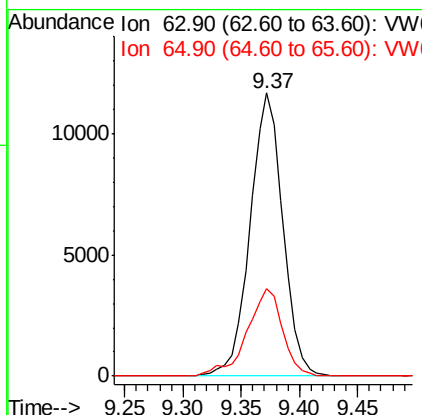
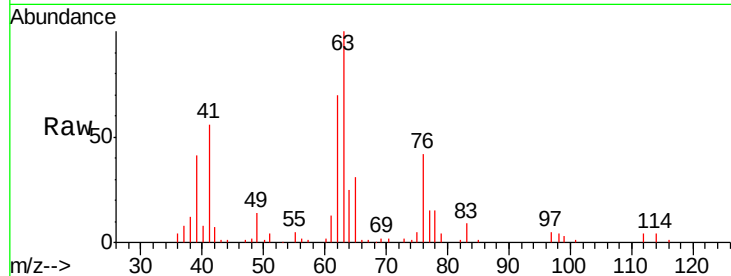
#45
 1,2-Dichloropropane
 Concen: 20.914 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW007181.D
 Acq: 04 Dec 2018 12:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion: 63 Resp: 22854
 Ion Ratio Lower Upper
 63 100
 65 31.0 25.0 37.4

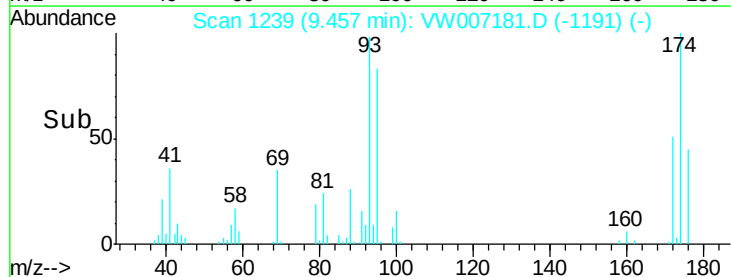
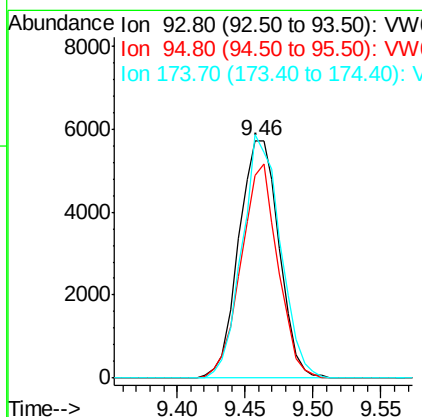
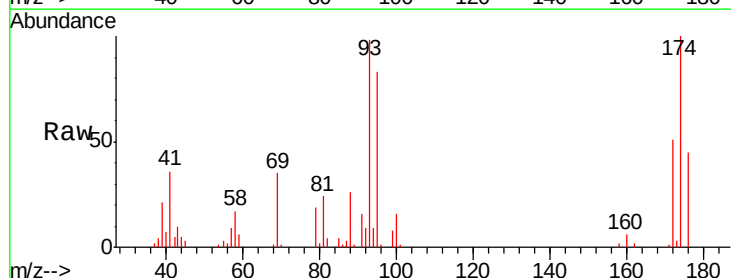
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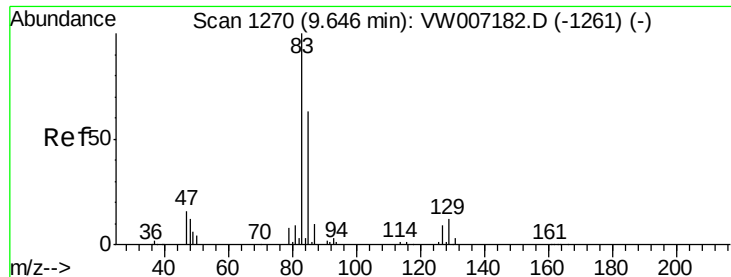
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#46
 Dibromomethane
 Concen: 20.913 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW007181.D
 Acq: 04 Dec 2018 12:04

Tgt Ion: 93 Resp: 11875
 Ion Ratio Lower Upper
 93 100
 95 82.3 68.7 103.1
 174 97.3 82.9 124.3





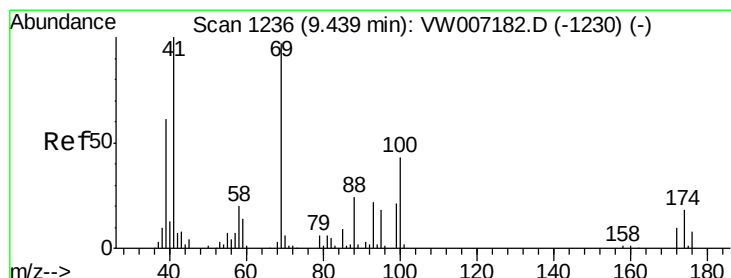
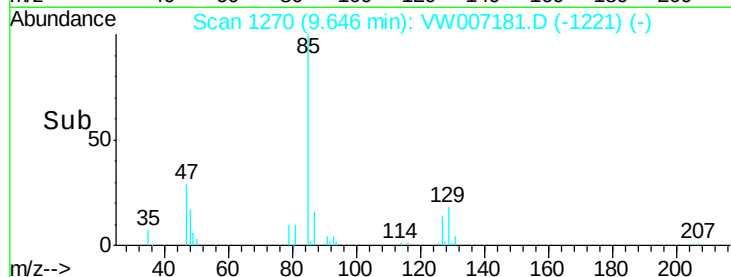
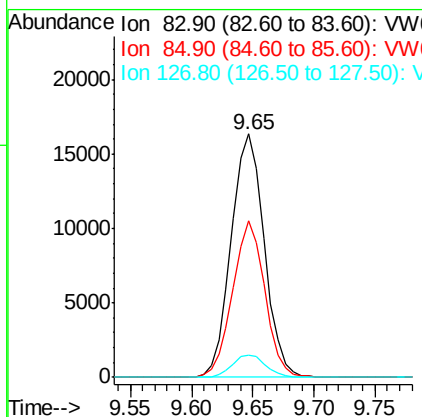
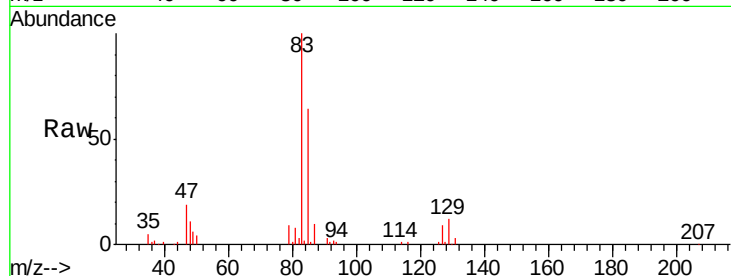
#47
Bromodichloromethane
Concen: 20.455 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW007181.D
Acq: 04 Dec 2018 12:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	30552		
85	64.3		50.6	76.0
127	8.9		7.3	10.9

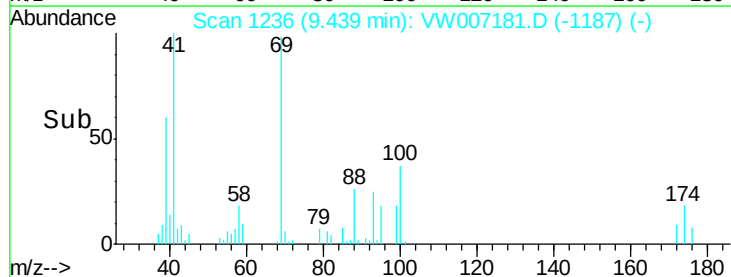
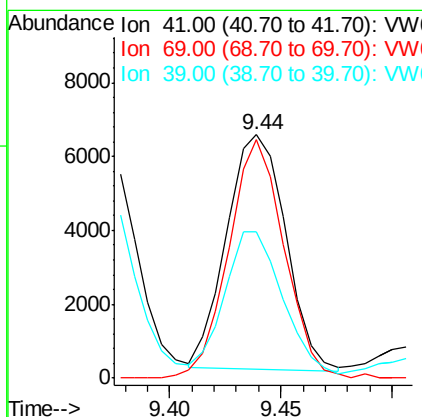
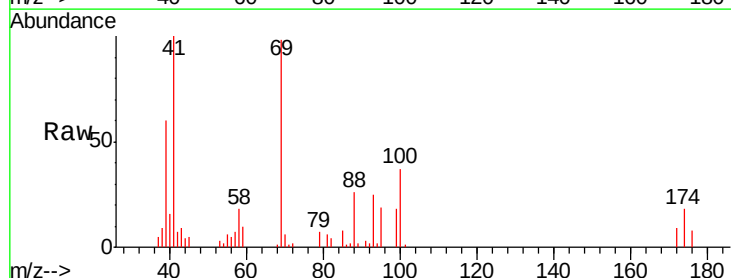
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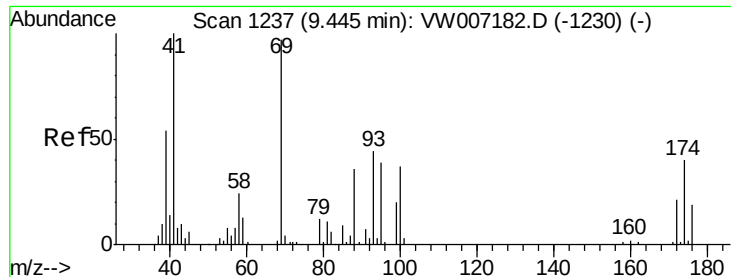
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#48
Methyl methacrylate
Concen: 18.795 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW007181.D
Acq: 04 Dec 2018 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	11736		
69	95.7		69.6	104.4
39	58.7		42.4	63.6





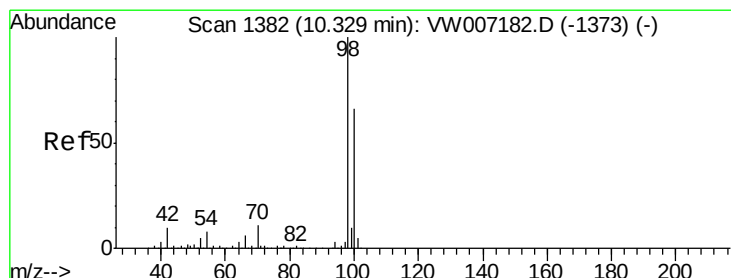
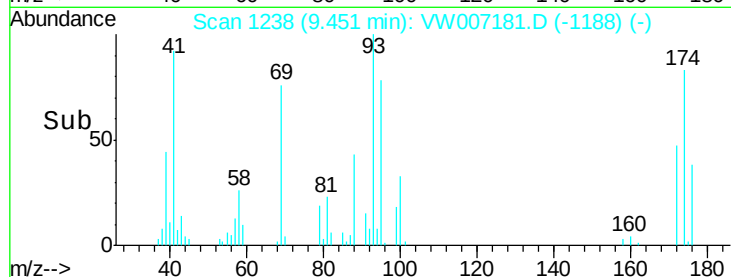
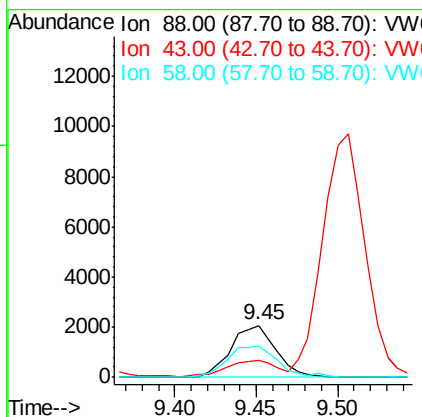
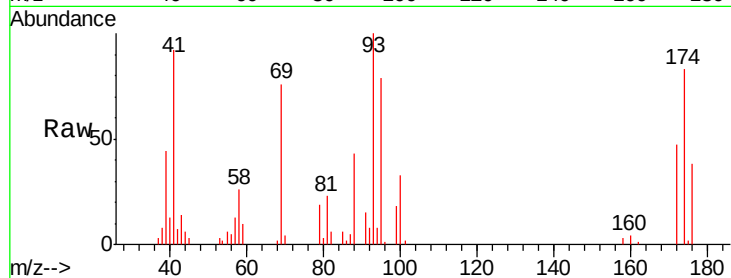
#49
1,4-Dioxane
Concen: 398.210 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VW007181.D
Acq: 04 Dec 2018 12:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
88	100		
43	38.1	25.8	38.8
58	69.0	58.9	88.3

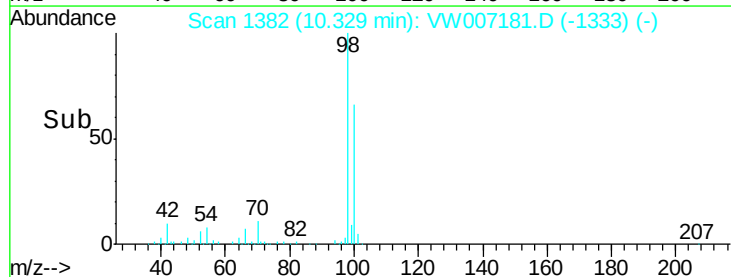
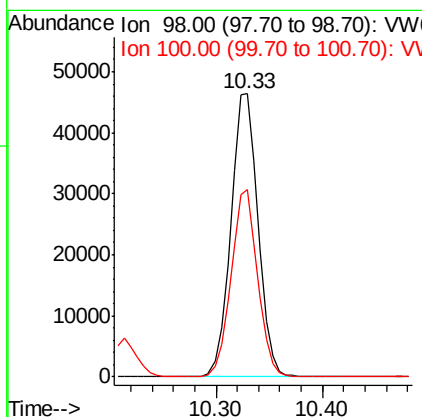
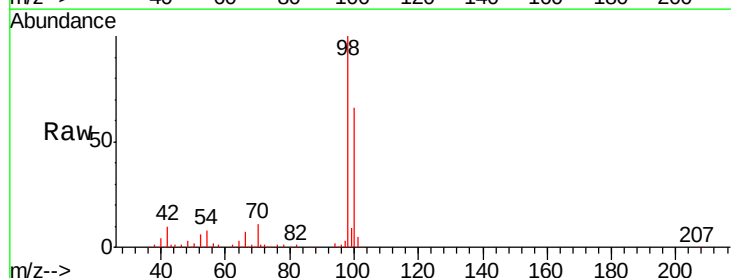
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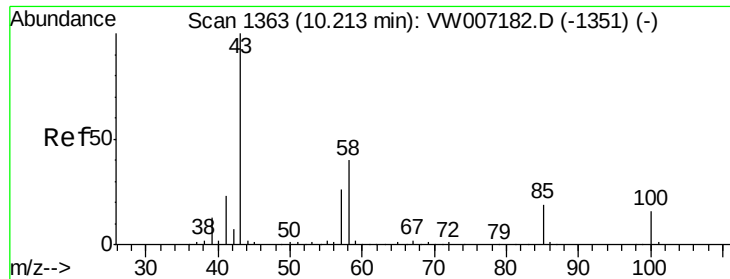
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#50
Toluene-d8
Concen: 18.700 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW007181.D
Acq: 04 Dec 2018 12:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.7	79.1





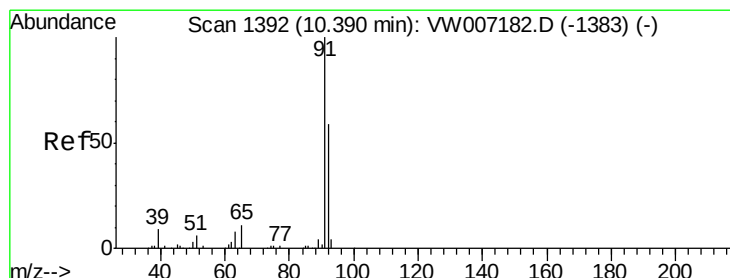
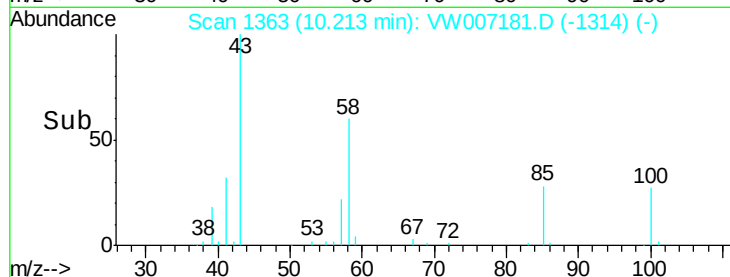
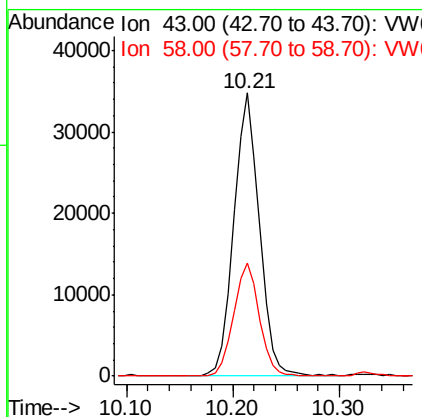
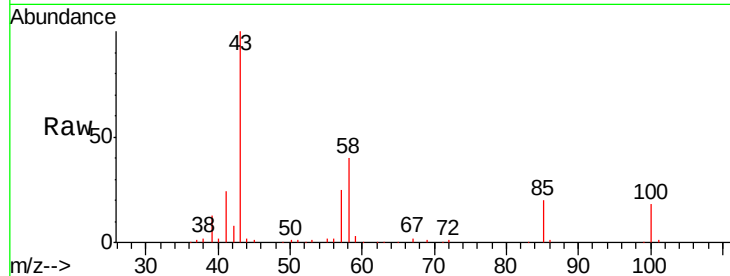
#51
 4-Methyl-2-Pentanone
 Concen: 99.058 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW007181.D
 Acq: 04 Dec 2018 12:04

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC020

Tgt Ion: 43 Resp: 58730
 Ion Ratio Lower Upper
 43 100
 58 40.2 32.3 48.5

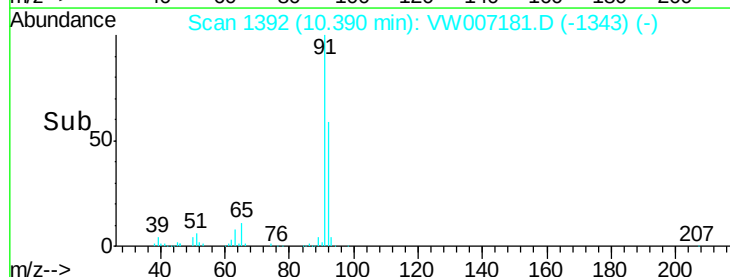
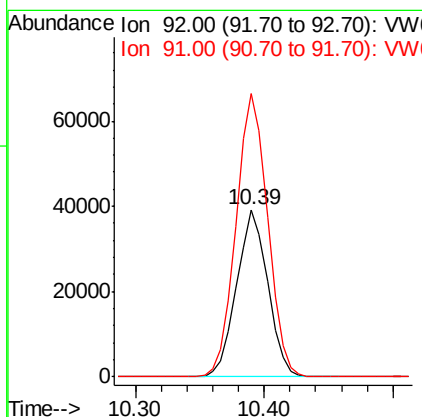
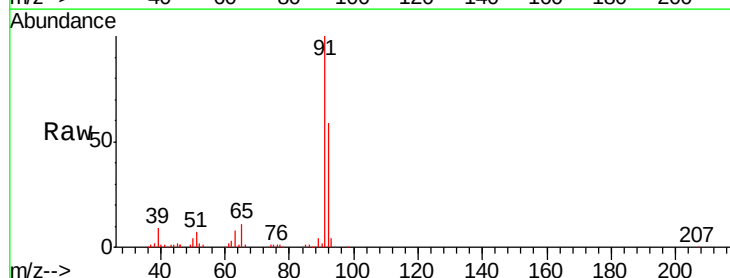
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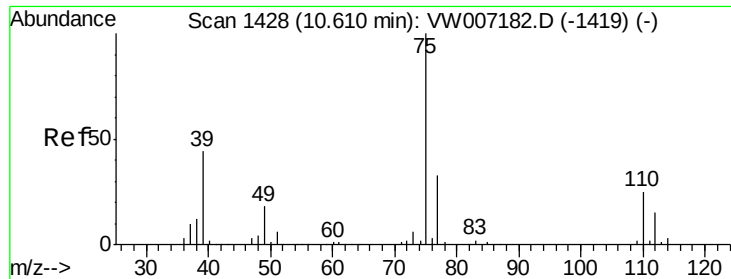
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#52
 Toluene
 Concen: 20.134 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW007181.D
 Acq: 04 Dec 2018 12:04

Tgt Ion: 92 Resp: 65767
 Ion Ratio Lower Upper
 92 100
 91 172.4 136.0 204.0





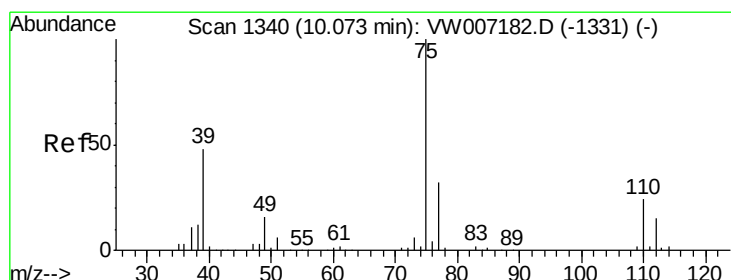
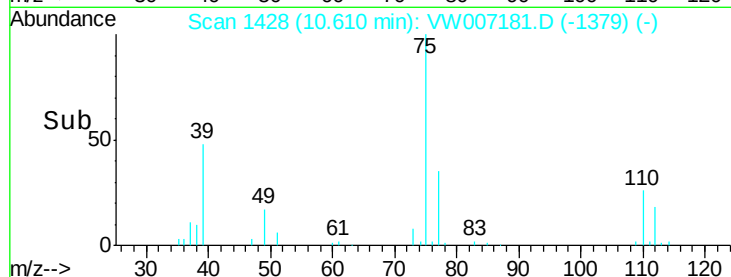
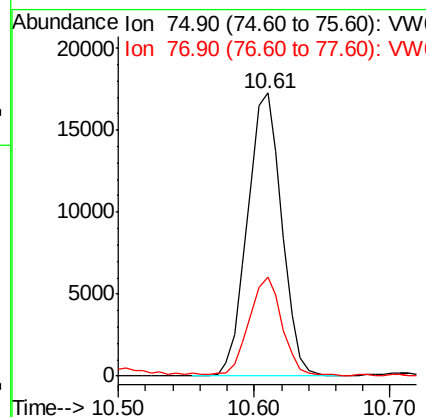
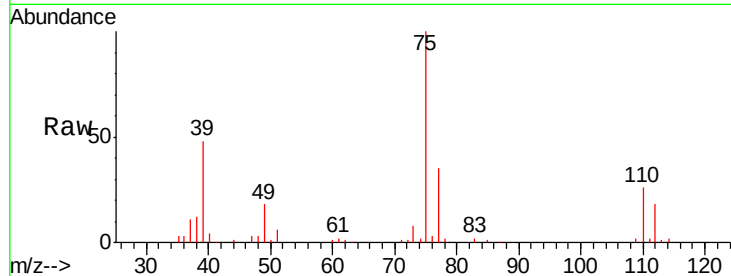
#53
 t-1,3-Dichloropropene
 Concen: 20.338 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW007181.D
 Acq: 04 Dec 2018 12:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion: 75 Resp: 30542
 Ion Ratio Lower Upper
 75 100
 77 34.5 26.2 39.2

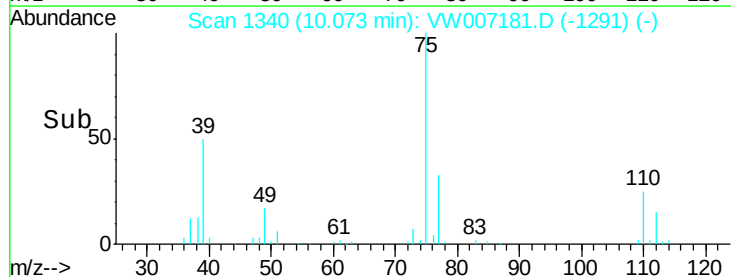
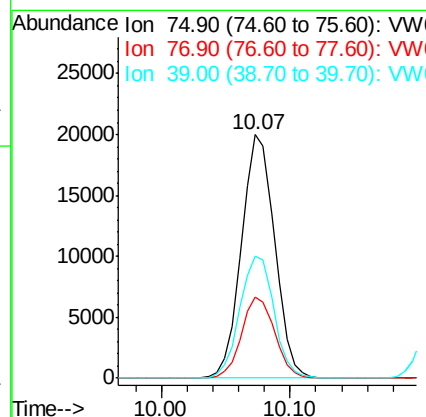
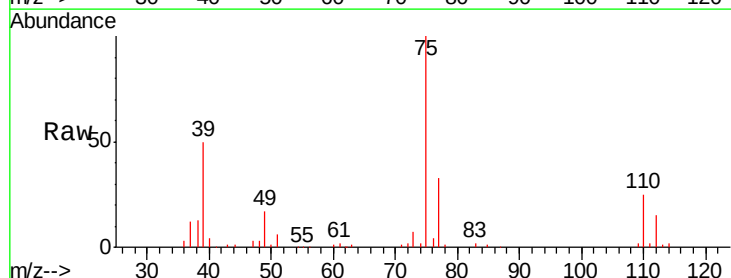
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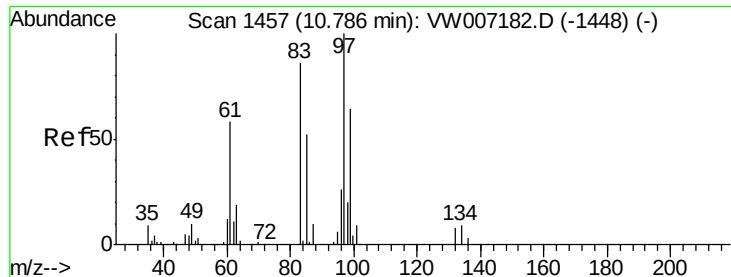
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#54
 cis-1,3-Dichloropropene
 Concen: 20.225 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007181.D
 Acq: 04 Dec 2018 12:04

Tgt Ion: 75 Resp: 35593
 Ion Ratio Lower Upper
 75 100
 77 33.3 26.0 39.0
 39 50.0 38.0 57.0





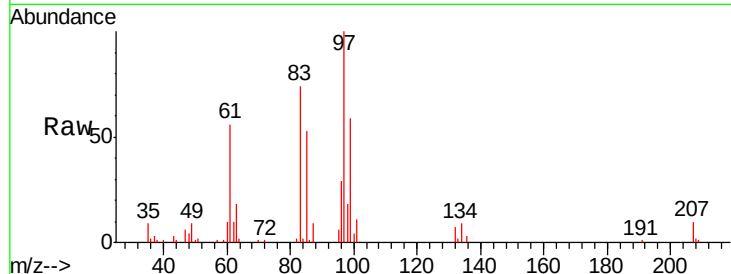
#55
 1,1,2-Trichloroethane
 Concen: 21.497 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007181.D
 Acq: 04 Dec 2018 12:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

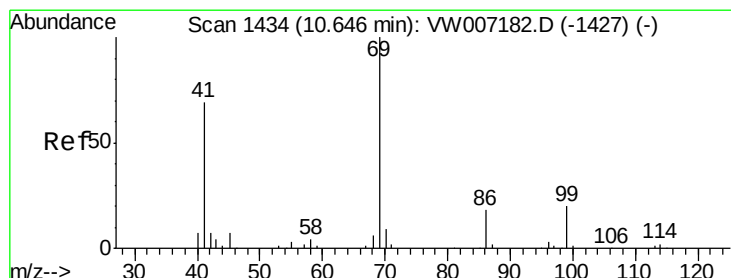
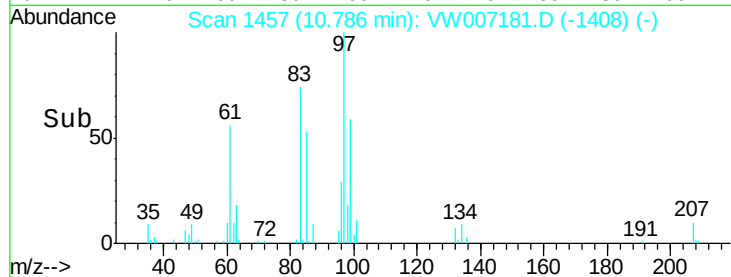
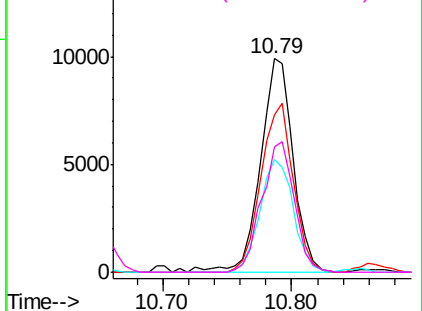
Tgt Ion:	97	Resp:	17363
Ion	Ratio	Lower	Upper
97	100		
83	73.9	68.6	102.8
85	52.9	41.4	62.2
99	58.7	51.2	76.8

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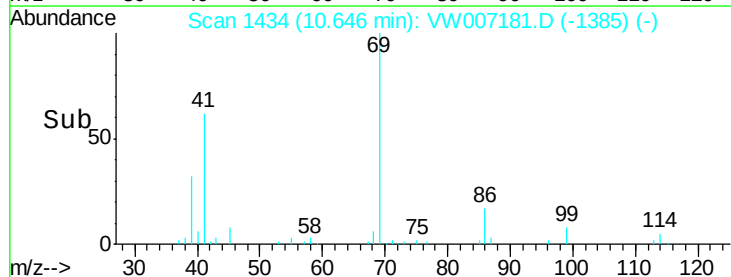
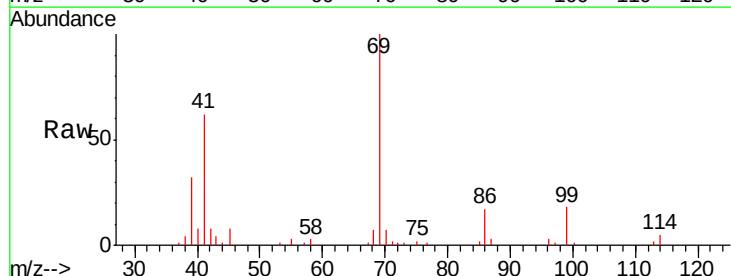
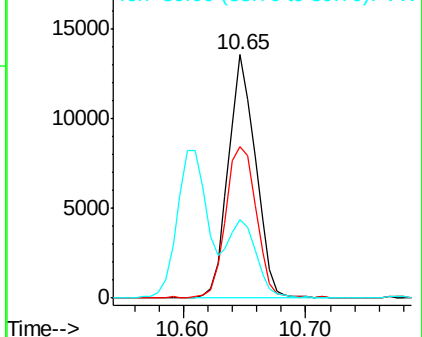
Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

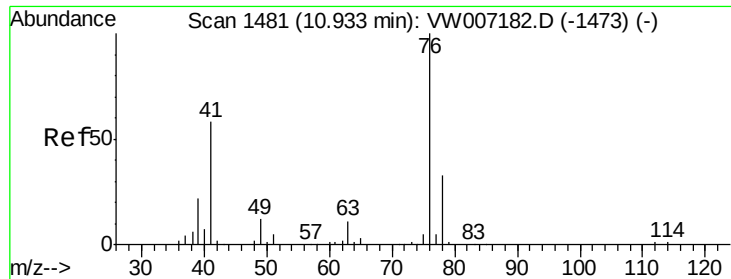


#56
 Ethyl methacrylate
 Concen: 19.884 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007181.D
 Acq: 04 Dec 2018 12:04

Tgt Ion:	69	Resp:	20949
Ion	Ratio	Lower	Upper
69	100		
41	69.6	51.8	77.6
39	34.6	28.7	43.1

Abundance Ion 69.00 (68.70 to 69.70): VW
 Ion 41.00 (40.70 to 41.70): VW
 Ion 39.00 (38.70 to 39.70): VW





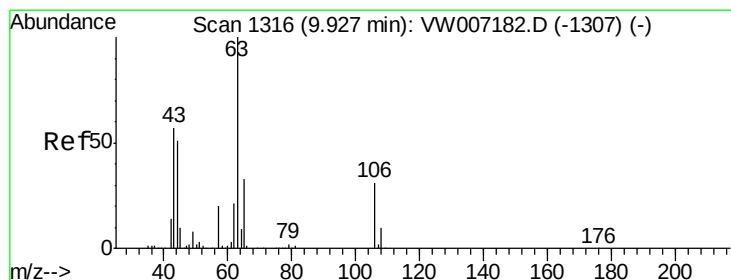
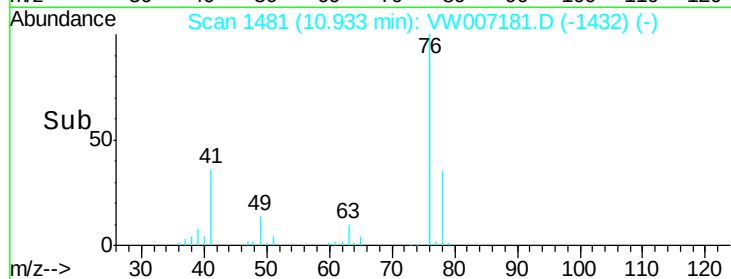
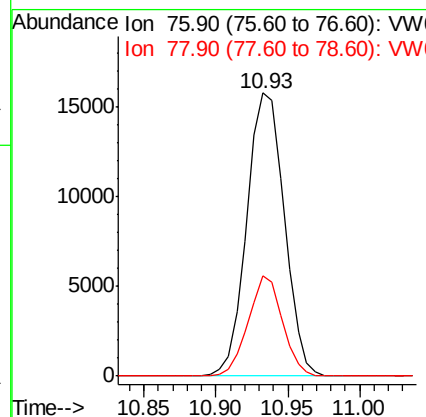
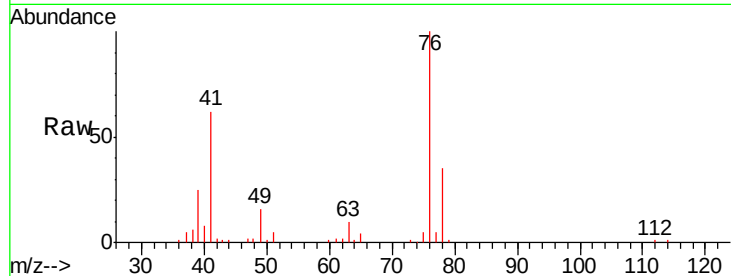
#57
 1,3-Dichloropropane
 Concen: 20.880 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007181.D
 Acq: 04 Dec 2018 12:04

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC020

Tgt Ion: 76 Resp: 28472
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.6 40.0

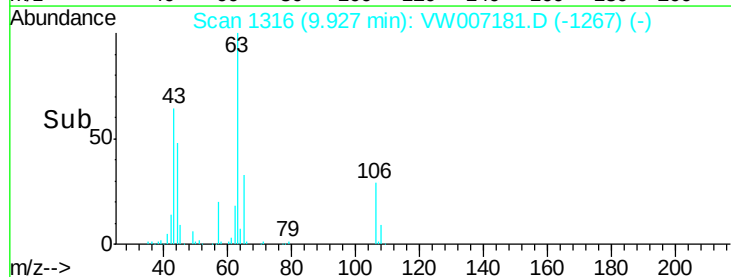
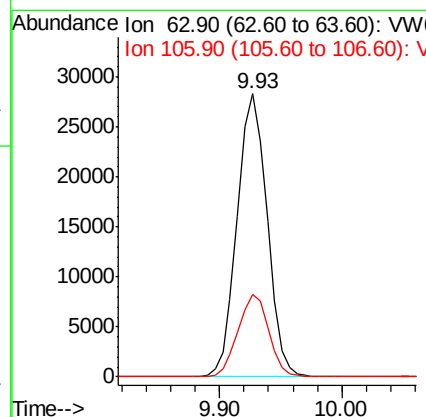
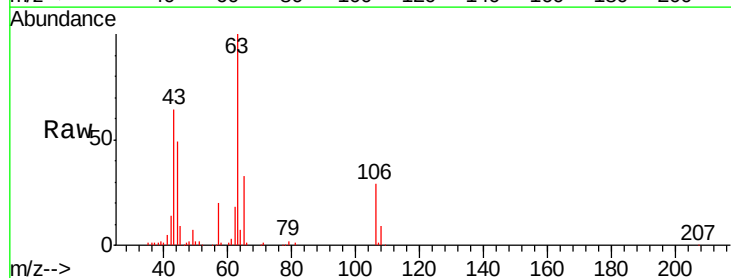
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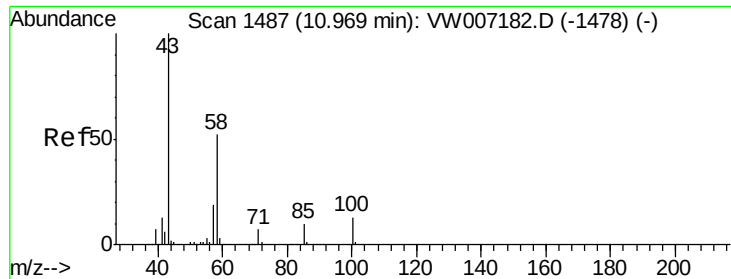
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#58
 2-Chloroethyl Vinyl ether
 Concen: 113.799 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007181.D
 Acq: 04 Dec 2018 12:04

Tgt Ion: 63 Resp: 48158
 Ion Ratio Lower Upper
 63 100
 106 29.8 24.1 36.1





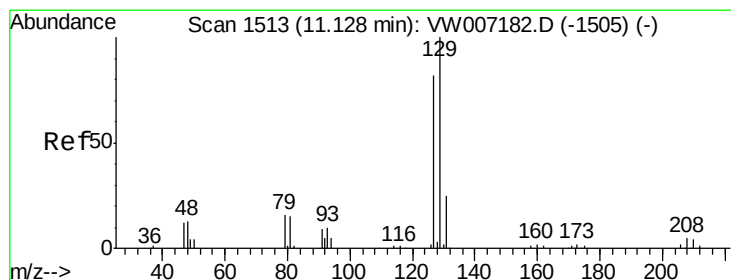
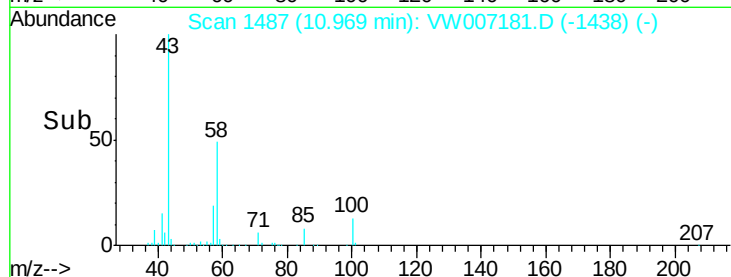
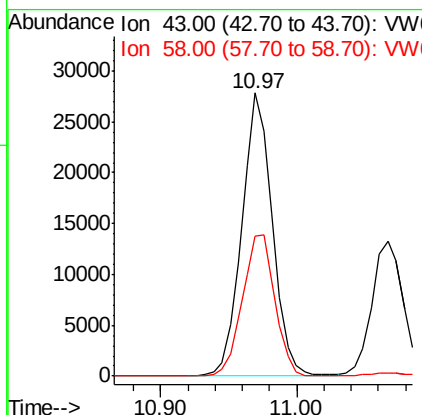
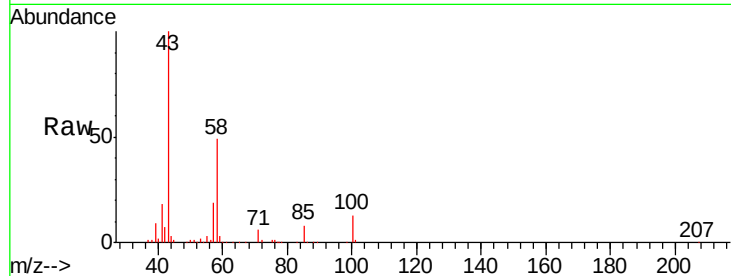
#59
2-Hexanone
Concen: 101.802 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007181.D
Acq: 04 Dec 2018 12:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 43754
Ion Ratio Lower Upper
43 100
58 53.2 28.1 84.4

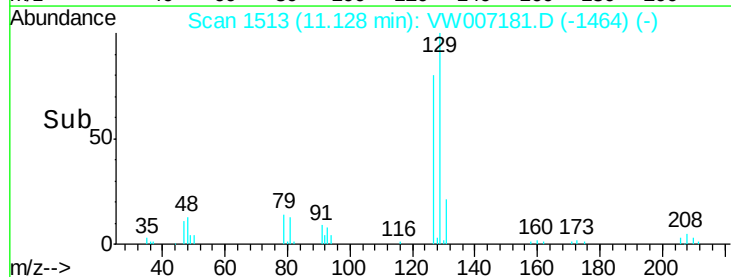
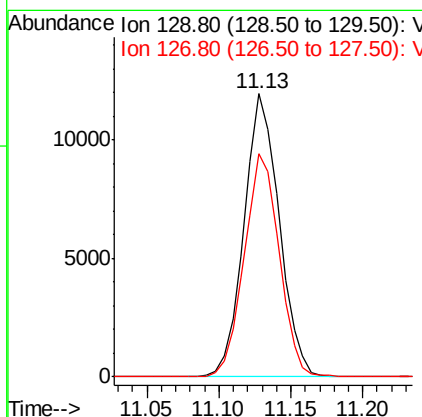
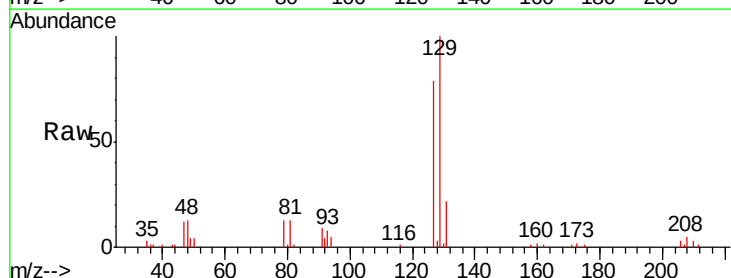
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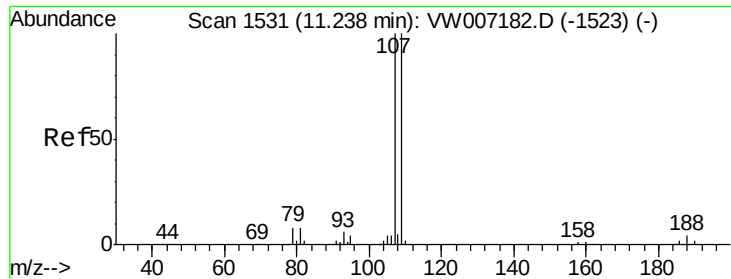
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#60
Dibromochloromethane
Concen: 20.310 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007181.D
Acq: 04 Dec 2018 12:04

Tgt Ion: 129 Resp: 20162
Ion Ratio Lower Upper
129 100
127 78.2 39.8 119.4





#61

1,2-Dibromoethane

Concen: 20.913 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW007181.D

Acq: 04 Dec 2018 12:04

Instrument :

MSVOA_W

ClientSampled :

VSTDIC020

Tgt Ion: 107 Resp: 16201

Ion Ratio Lower Upper

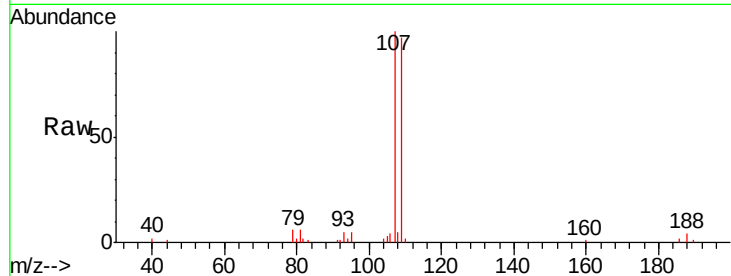
107 100

109 94.1 77.3 115.9

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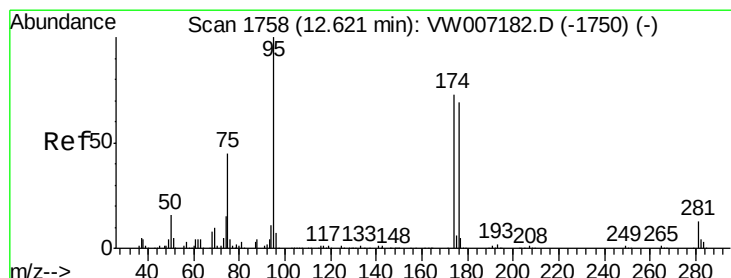
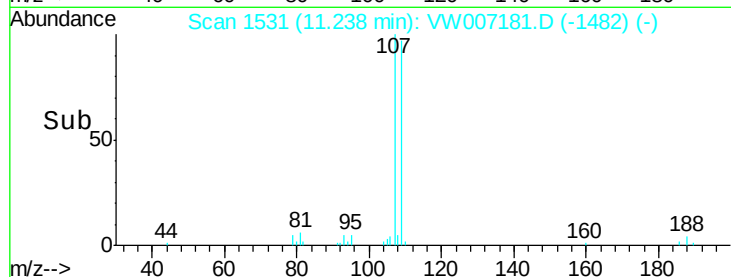
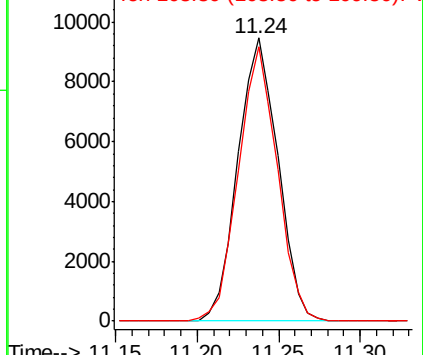
apatel

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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: 18.918 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007181.D

Acq: 04 Dec 2018 12:04

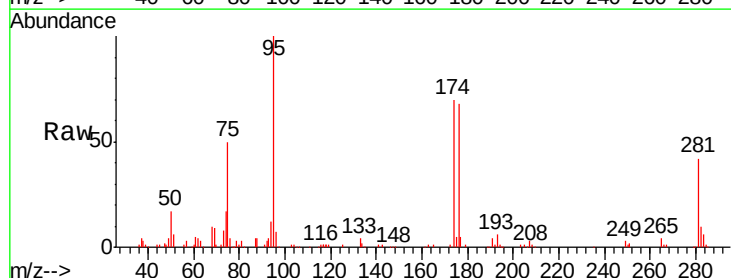
Tgt Ion: 95 Resp: 31697

Ion Ratio Lower Upper

95 100

174 73.0 0.0 148.0

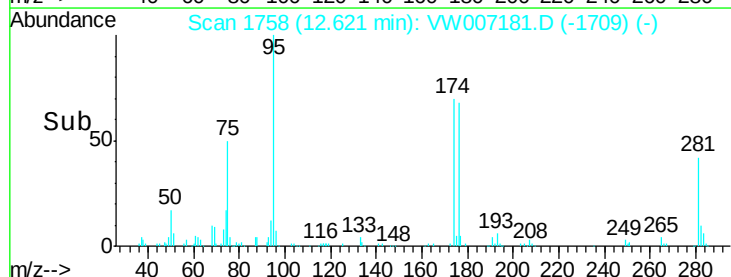
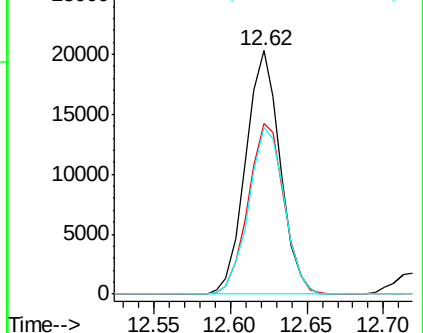
176 71.0 0.0 139.4

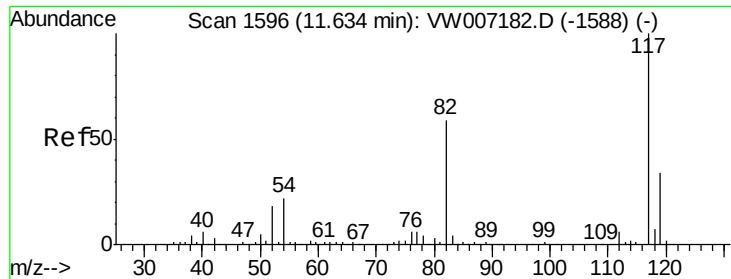


Abundance Ion 94.90 (94.60 to 95.60): VW

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: VW007181.D

Acq: 04 Dec 2018 12:04

Instrument :

MSVOA_W

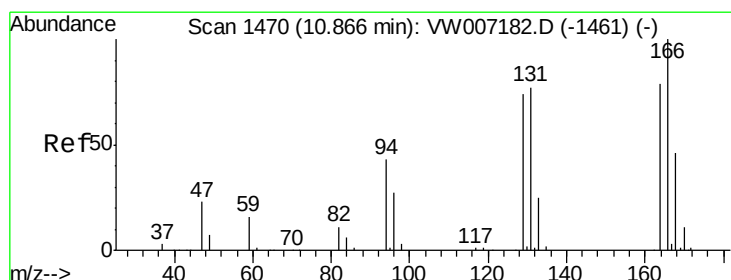
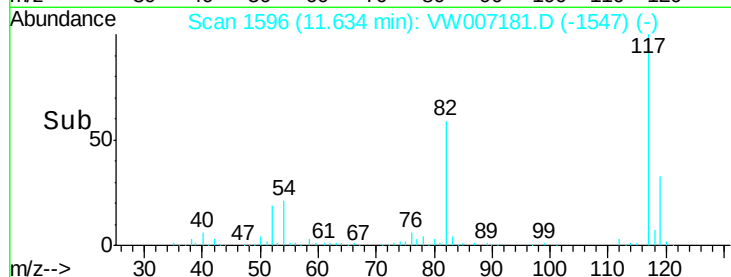
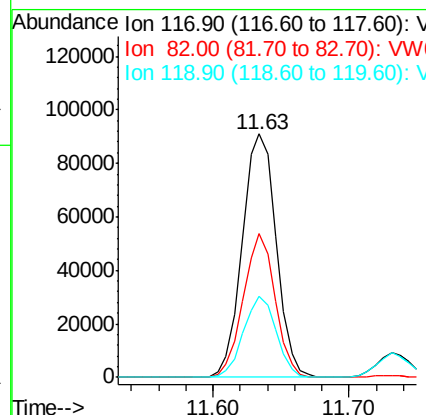
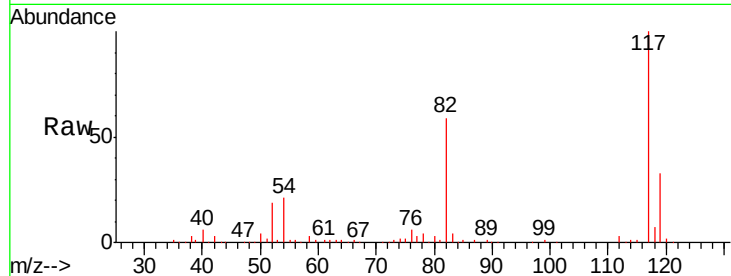
ClientSampleId :

VSTDIC020

Tgt Ion:	117	Resp:	158562
Ion Ratio	Lower	Upper	
117	100		
82	59.3	47.4	71.2
119	33.2	26.8	40.2

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#64

Tetrachloroethene

Concen: 20.498 ug/l

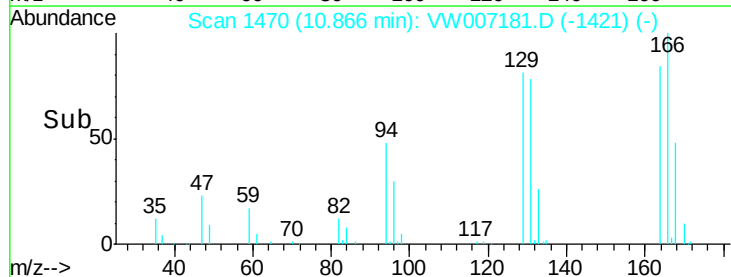
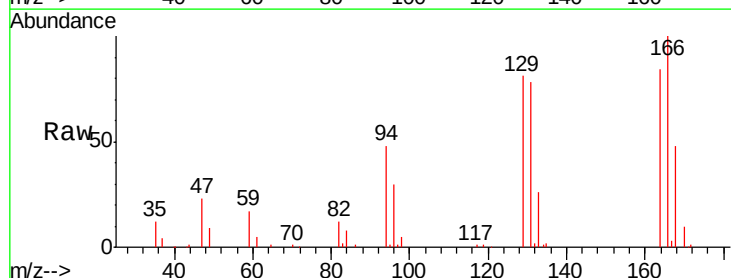
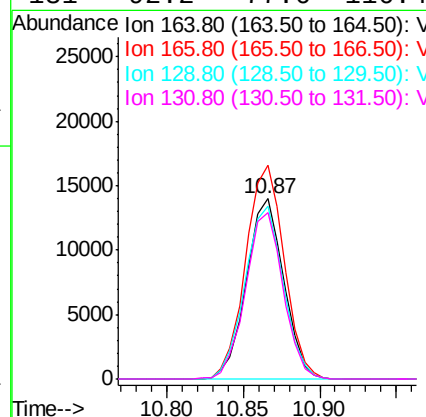
RT: 10.87 min Scan# 1470

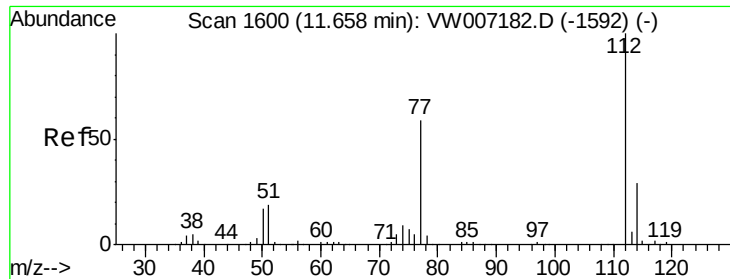
Delta R.T. -0.00 min

Lab File: VW007181.D

Acq: 04 Dec 2018 12:04

Tgt Ion:	164	Resp:	23747
Ion Ratio	Lower	Upper	
164	100		
166	118.6	101.0	151.4
129	96.1	74.6	111.8
131	92.2	77.6	116.4





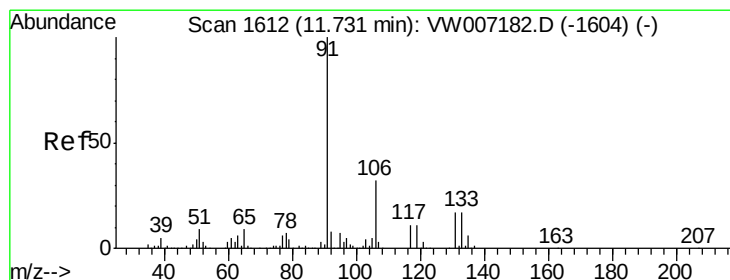
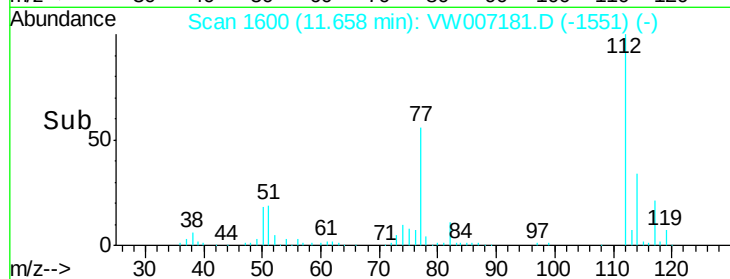
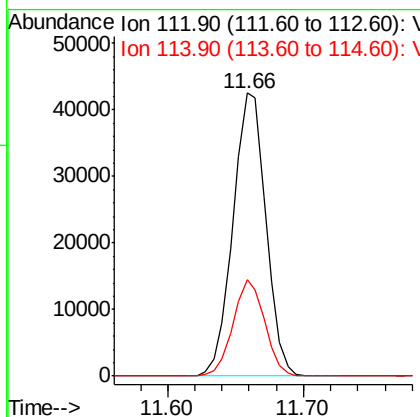
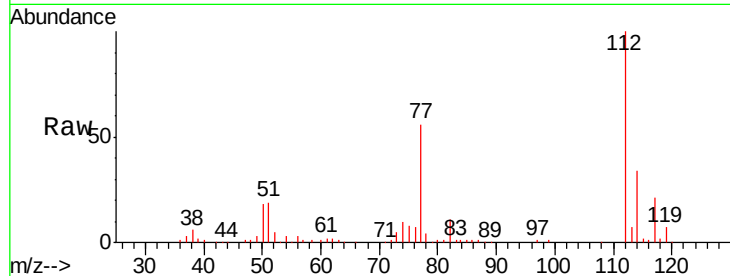
#65
Chlorobenzene
Concen: 20.240 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007181.D
Acq: 04 Dec 2018 12:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 71677
Ion Ratio Lower Upper
112 100
114 34.2 23.0 34.4

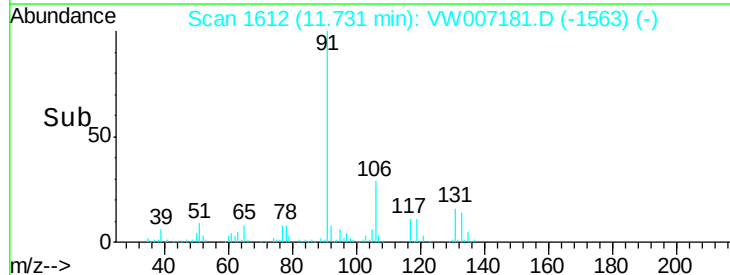
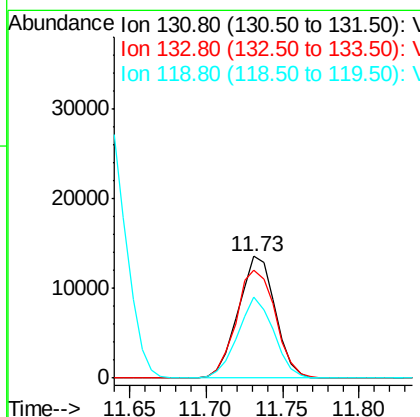
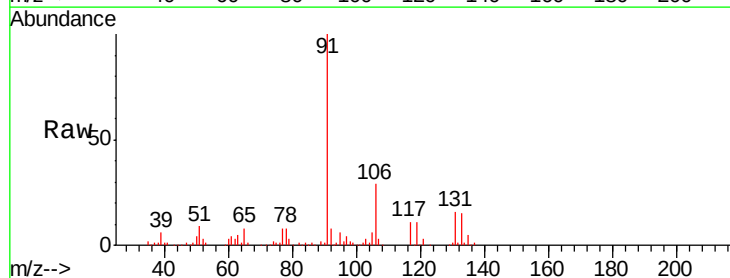
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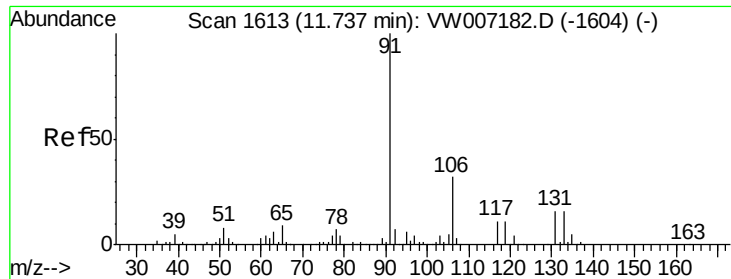
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.931 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007181.D
Acq: 04 Dec 2018 12:04

Tgt Ion:131 Resp: 22892
Ion Ratio Lower Upper
131 100
133 93.9 48.0 144.2
119 64.9 32.8 98.4





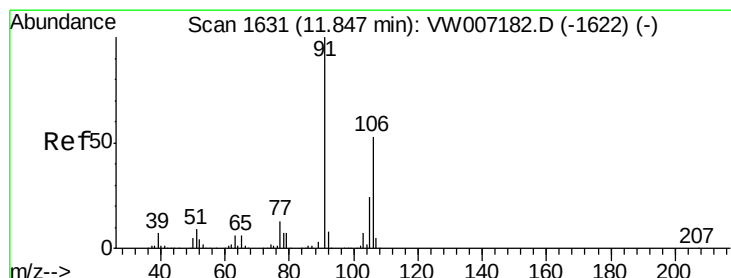
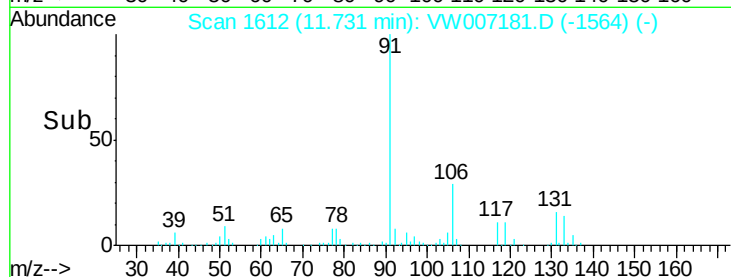
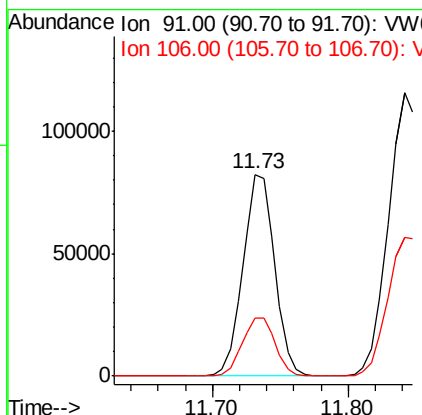
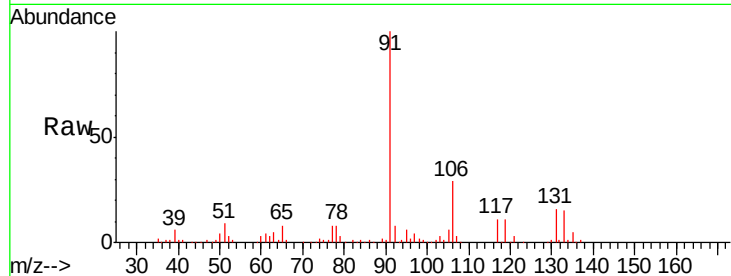
#67
Ethyl Benzene
Concen: 20.775 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW007181.D
Acq: 04 Dec 2018 12:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 134090
Ion Ratio Lower Upper
91 100
106 29.1 26.0 39.0

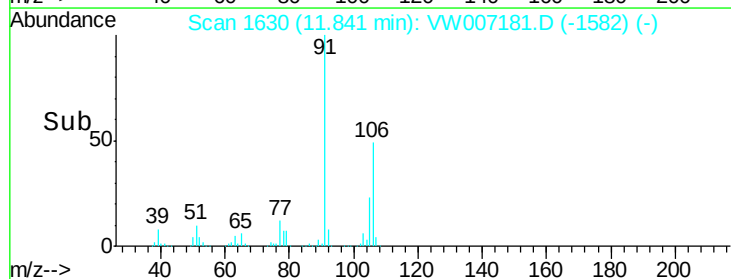
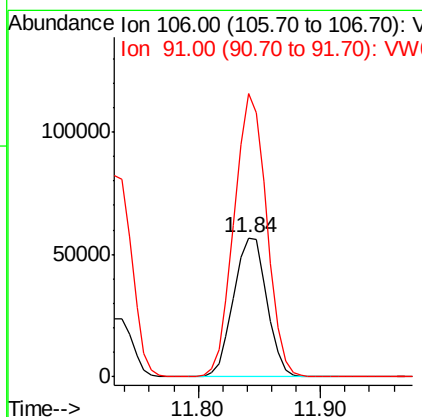
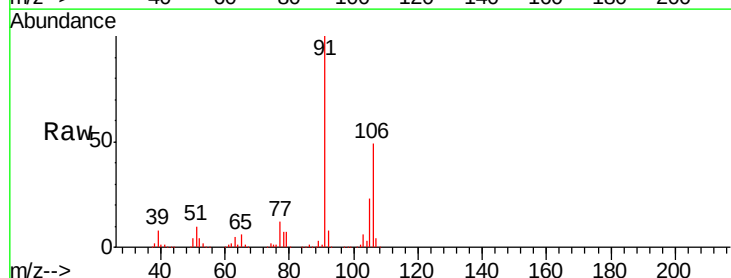
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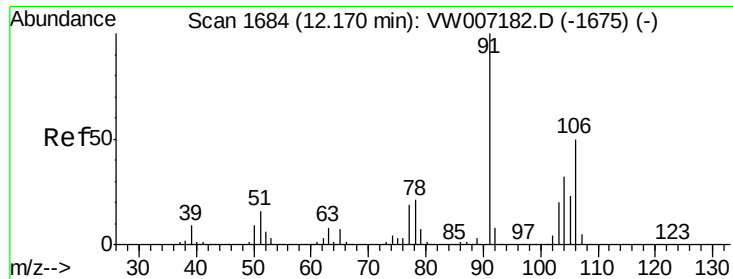
apatel
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#68
m/p-Xylenes
Concen: 42.342 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW007181.D
Acq: 04 Dec 2018 12:04

Tgt Ion: 106 Resp: 107212
Ion Ratio Lower Upper
106 100
91 198.3 160.2 240.4





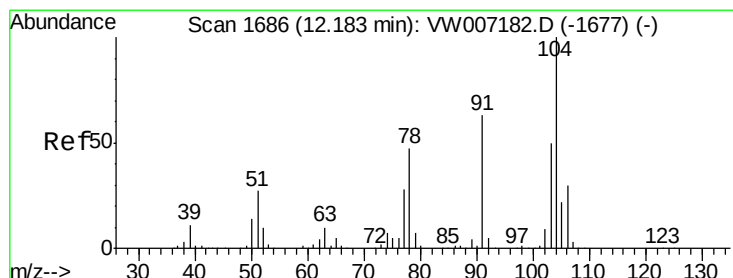
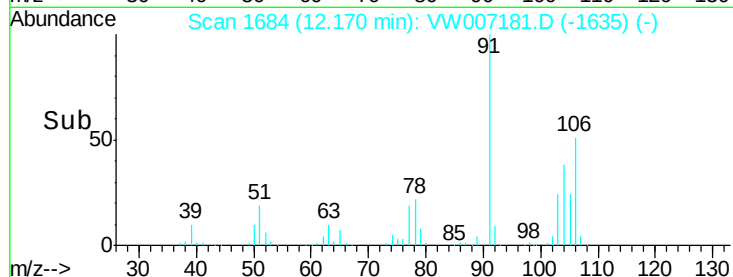
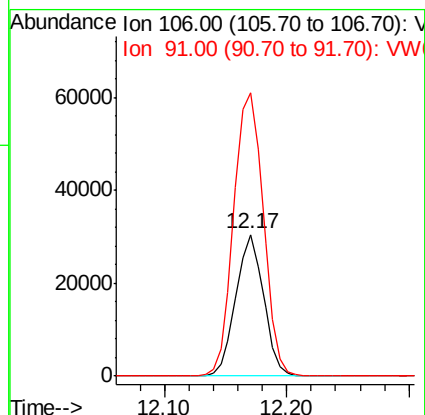
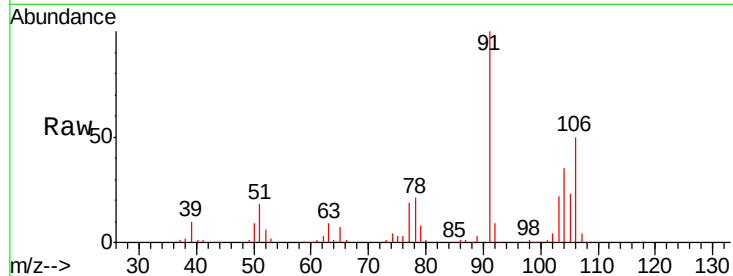
#69
o-Xylene
Concen: 20.271 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007181.D
Acq: 04 Dec 2018 12:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 47956
Ion Ratio Lower Upper
106 100
91 213.1 104.9 314.7

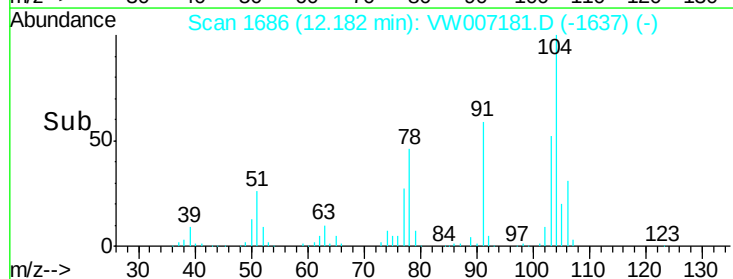
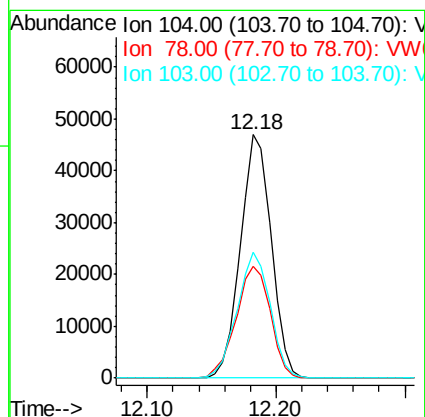
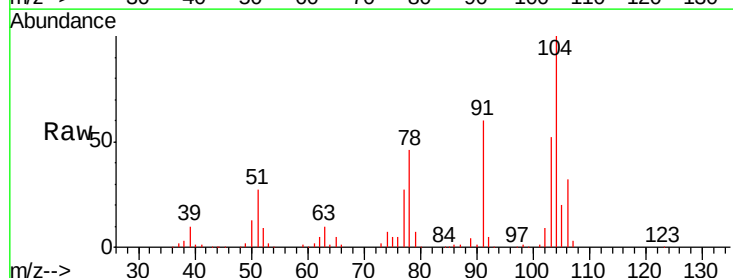
Manual Integrations
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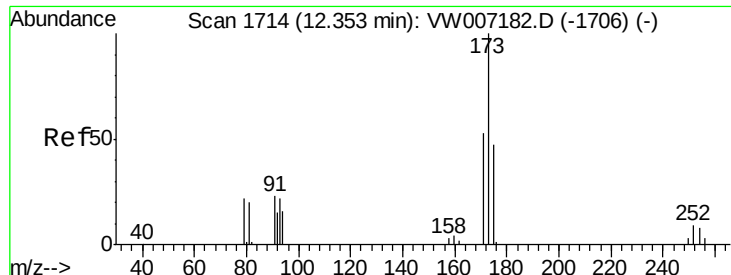
apatel
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#70
Styrene
Concen: 20.120 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007181.D
Acq: 04 Dec 2018 12:04

Tgt Ion:104 Resp: 77915
Ion Ratio Lower Upper
104 100
78 51.0 40.6 60.8
103 55.5 43.0 64.4





#71

Bromoform

Concen: 20.786 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW007181.D

Acq: 04 Dec 2018 12:04

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tgt Ion:173 Resp: 11380

Ion Ratio Lower Upper

173 100

175 46.3 24.0 72.0

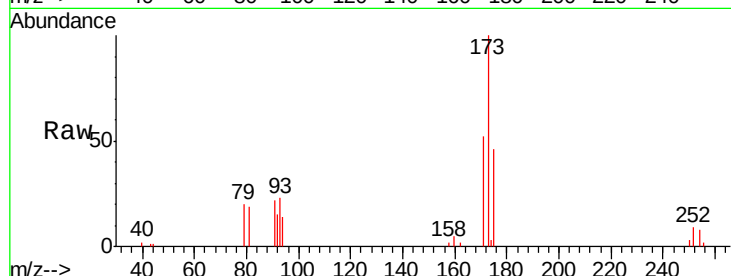
254 0.0 0.0 0.0

Manual Integrations

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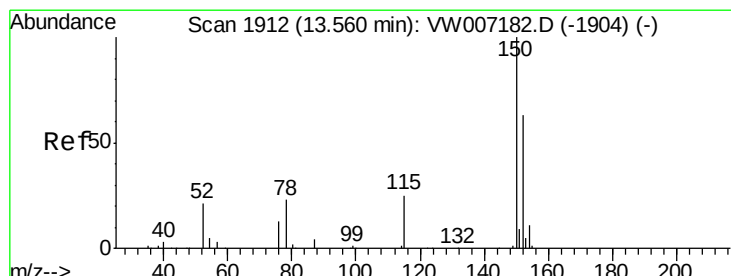
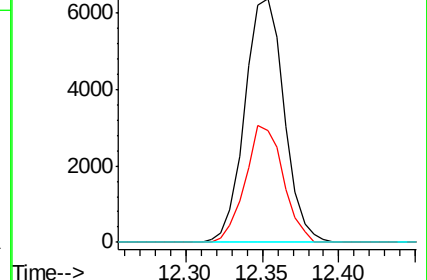
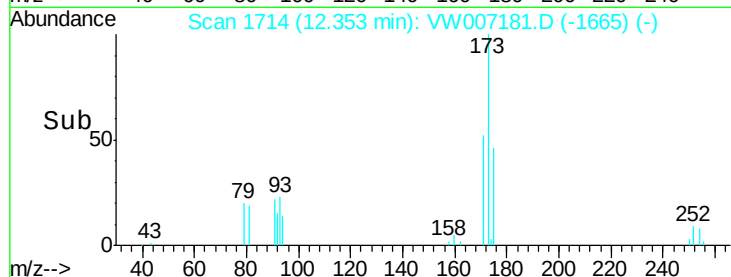
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.01 min

Lab File: VW007181.D

Acq: 04 Dec 2018 12:04

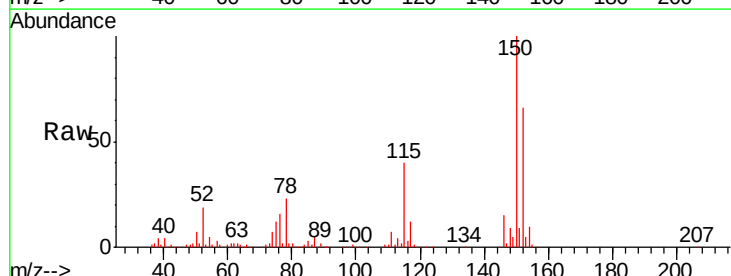
Tgt Ion:152 Resp: 82279

Ion Ratio Lower Upper

152 100

115 63.3 31.3 93.8

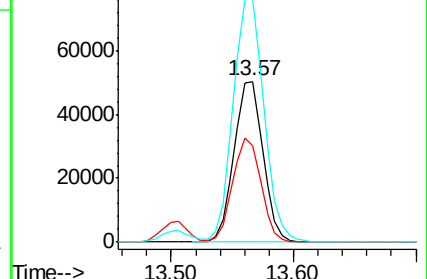
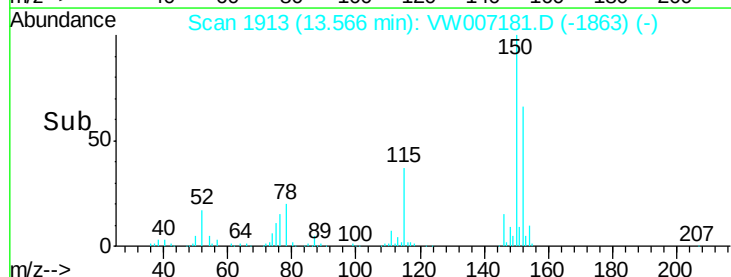
150 161.9 0.0 358.0

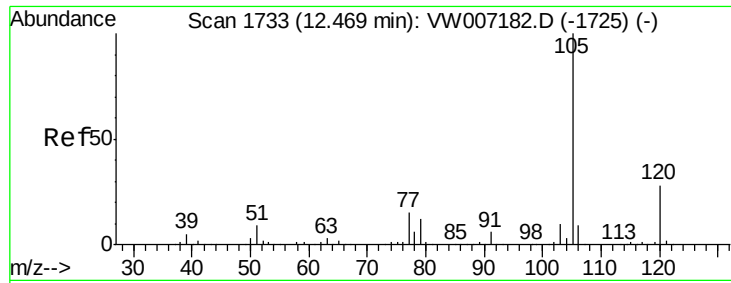


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





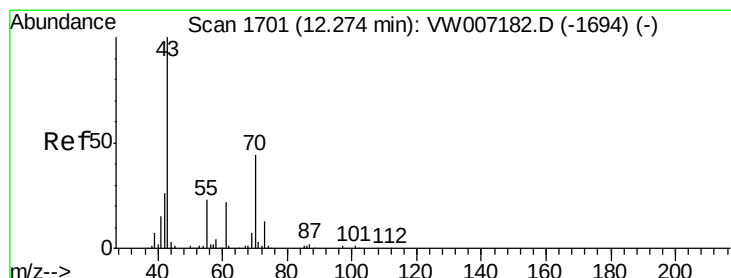
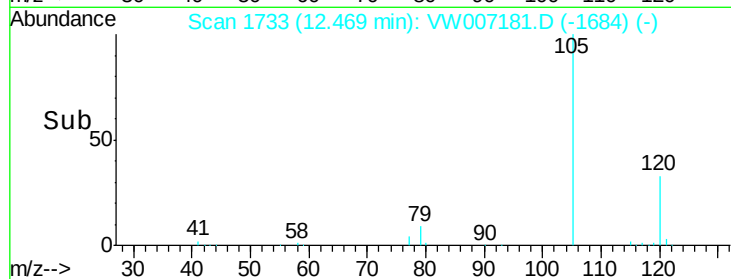
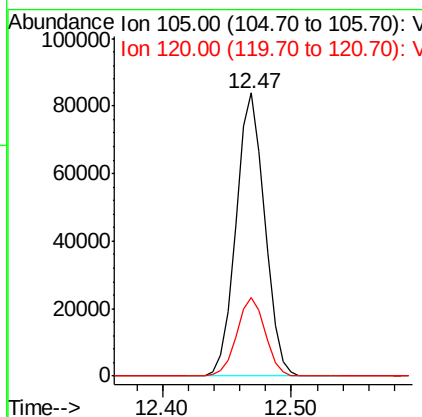
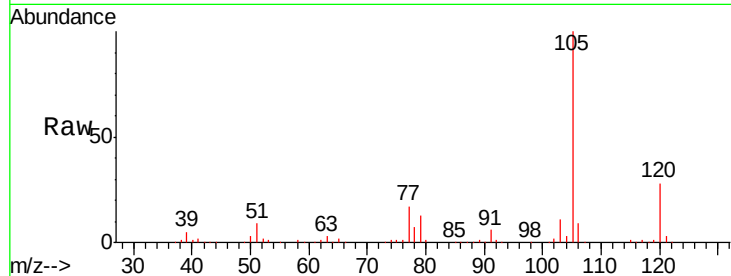
#73
Isopropylbenzene
Concen: 19.326 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW007181.D
Acq: 04 Dec 2018 12:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion: 105 Resp: 129327
Ion Ratio Lower Upper
105 100
120 27.5 13.2 39.6

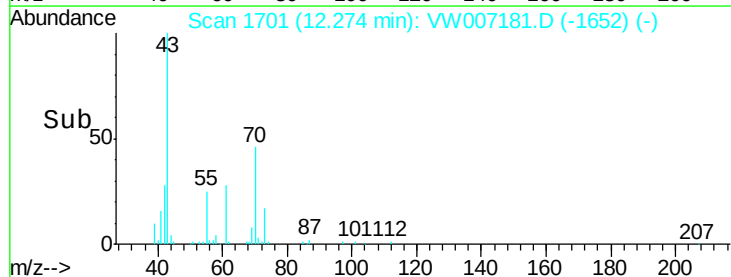
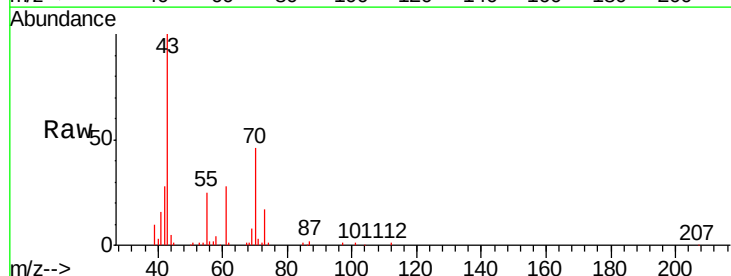
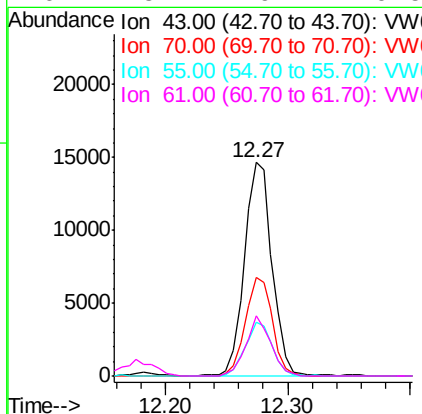
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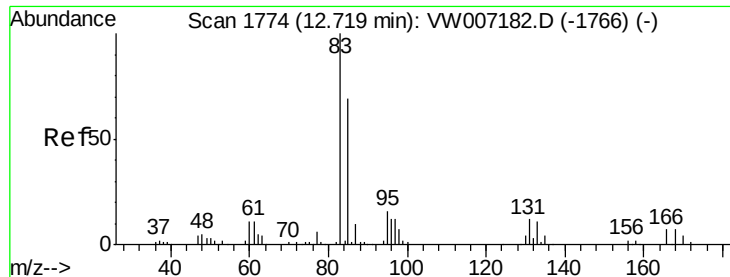
apatel
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#74
N-ethyl acetate
Concen: 19.289 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW007181.D
Acq: 04 Dec 2018 12:04

Tgt Ion: 43 Resp: 22886
Ion Ratio Lower Upper
43 100
70 45.4 34.0 51.0
55 25.1 19.0 28.6
61 25.2 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.240 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007181.D

Acq: 04 Dec 2018 12:04

Instrument :

MSVOA_W

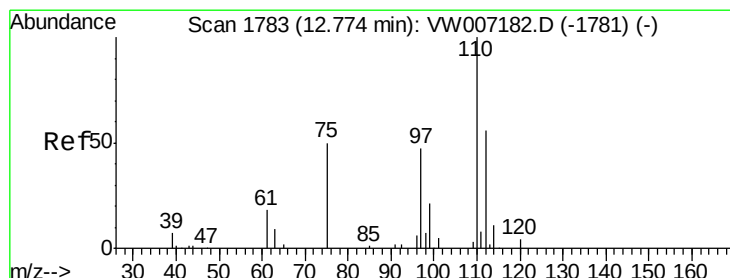
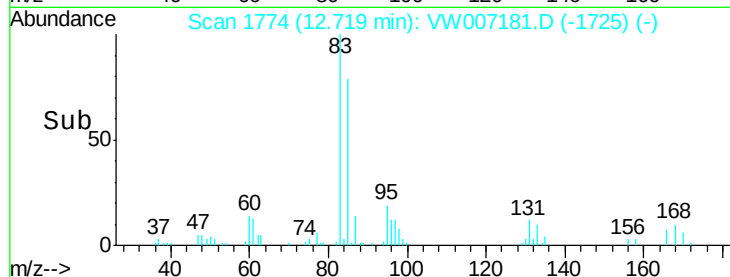
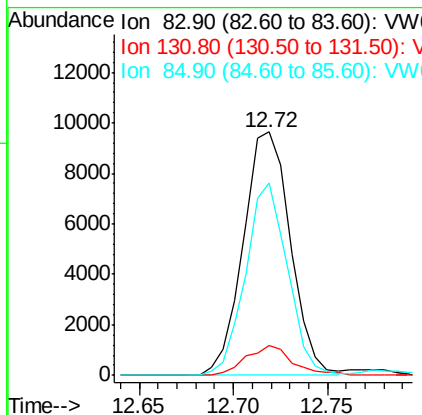
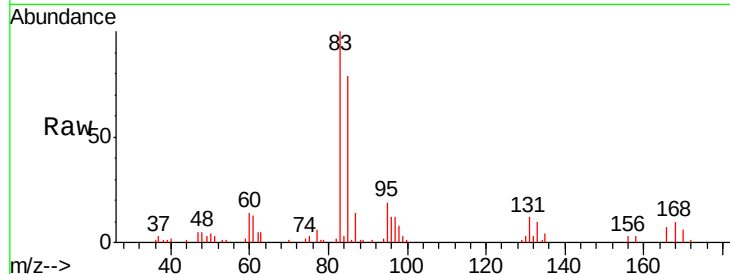
ClientSampled :

VSTDIC020

Tgt Ion:	83	Resp:	16722
Ion Ratio	Lower	Upper	
83	100		
131	12.1	6.0	18.1
85	70.4	33.0	99.0

Manual Integrations
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12/5/2018 12:43:32 PM



#76

1,2,3-Trichloropropane

Concen: 12.229 ug/l m

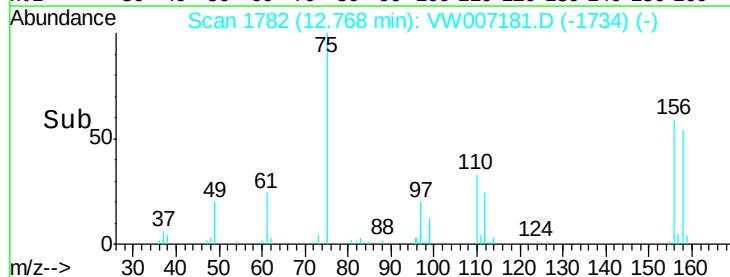
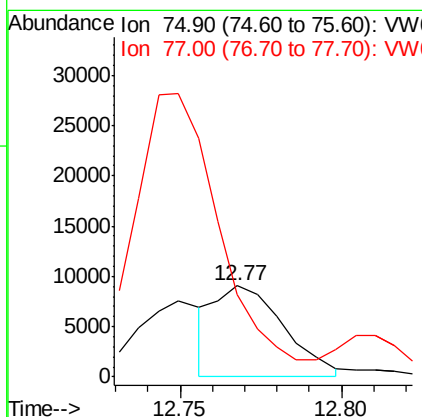
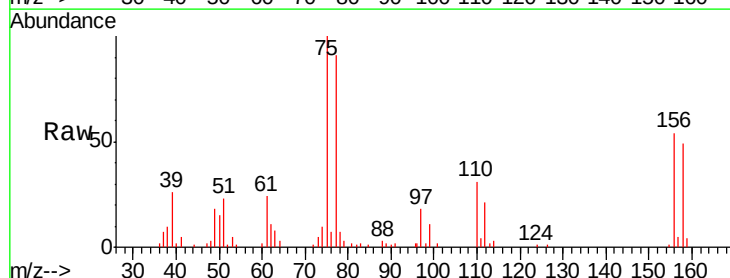
RT: 12.77 min Scan# 1782

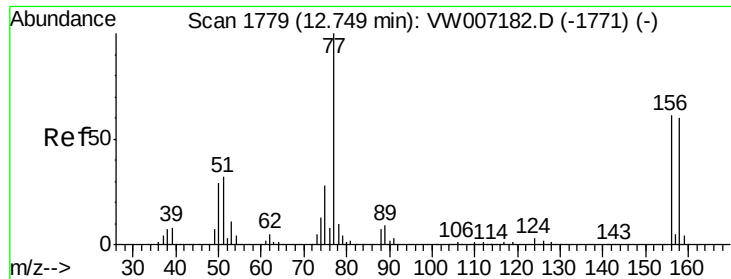
Delta R.T. -0.01 min

Lab File: VW007181.D

Acq: 04 Dec 2018 12:04

Tgt Ion:	75	Resp:	13524
Ion Ratio	Lower	Upper	
75	100		
77	391.7	0.0	0.0#





#77

Bromobenzene

Concen: 19.745 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007181.D

Acq: 04 Dec 2018 12:04

Instrument :

MSVOA_W

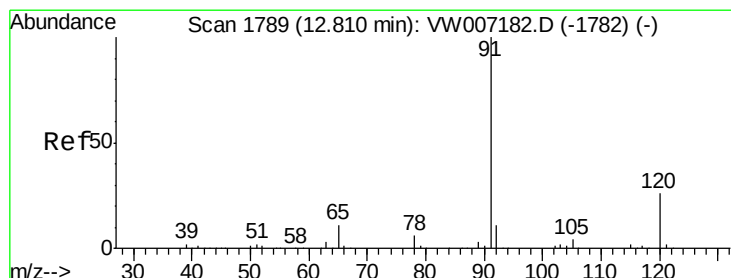
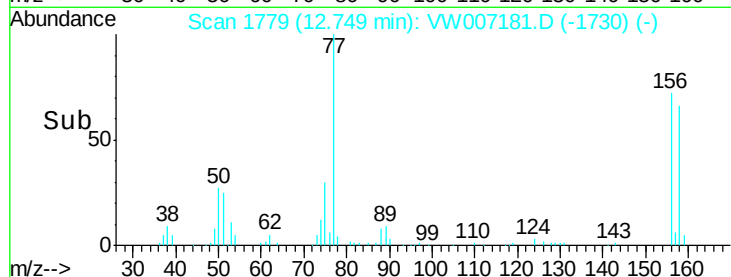
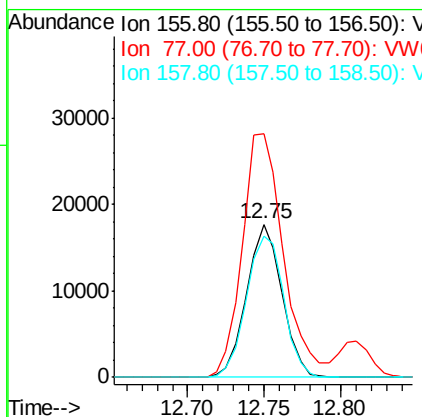
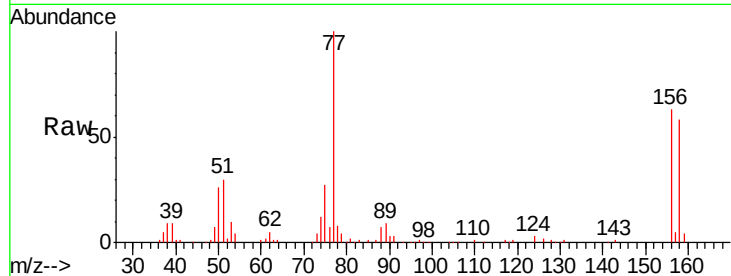
ClientSampled :

VSTDIC020

Tgt Ion:	156	Resp:	28522
Ion Ratio	Lower	Upper	
156	100		
77	185.7	92.0	276.1
158	97.2	49.0	147.0

Manual Integrations
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#78

n-propylbenzene

Concen: 19.759 ug/l

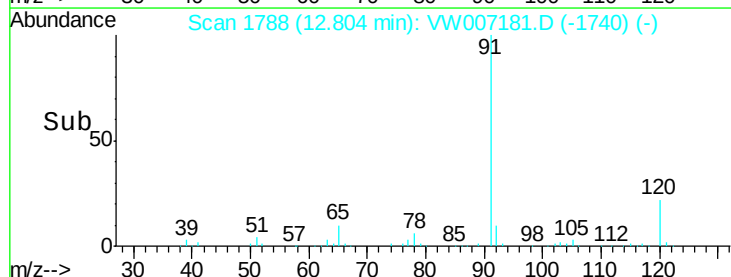
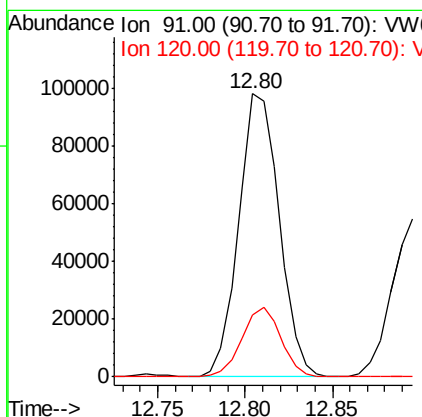
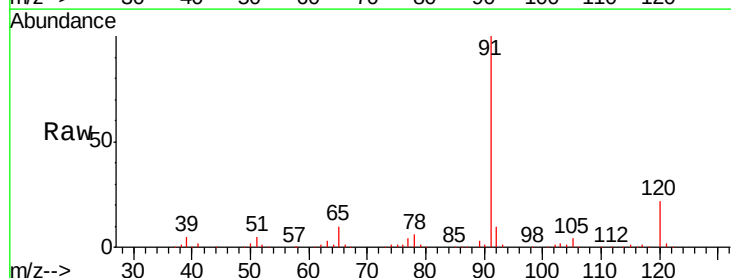
RT: 12.80 min Scan# 1788

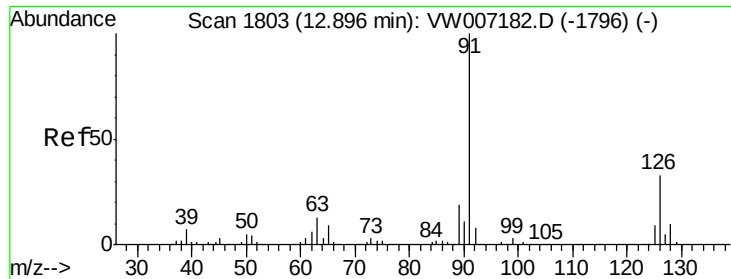
Delta R.T. -0.01 min

Lab File: VW007181.D

Acq: 04 Dec 2018 12:04

Tgt Ion:	91	Resp:	157533
Ion Ratio	Lower	Upper	
91	100		
120	23.9	12.5	37.5





#79

2-Chlorotoluene

Concen: 19.545 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW007181.D

Acq: 04 Dec 2018 12:04

Instrument :

MSVOA_W

ClientSampled :

VSTDIC020

Tgt Ion: 91 Resp: 87996

Ion Ratio Lower Upper

91 100

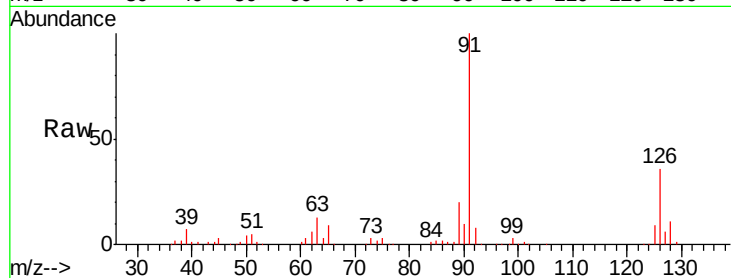
126 36.0 16.7 50.1

Manual Integrations

APPROVED

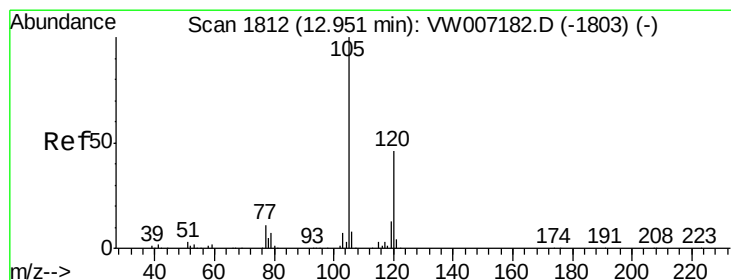
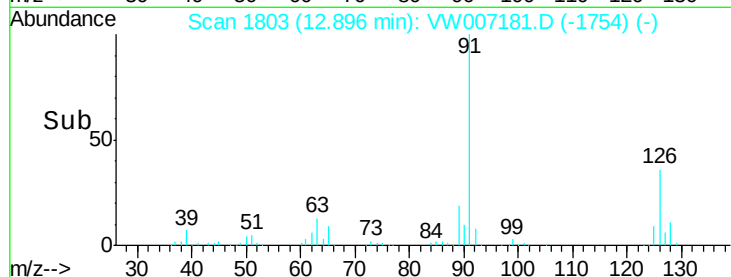
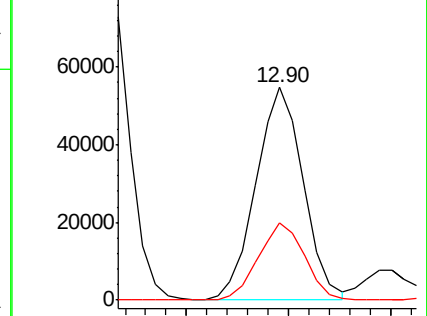
apatel

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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: 19.793 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW007181.D

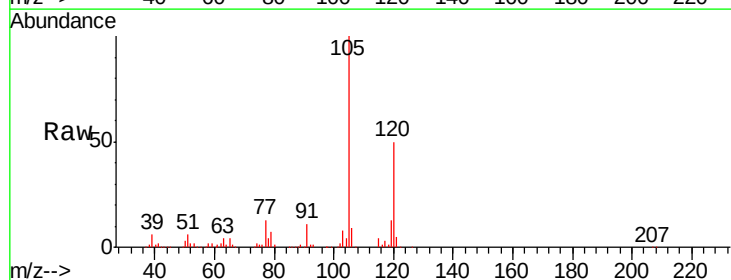
Acq: 04 Dec 2018 12:04

Tgt Ion: 105 Resp: 113311

Ion Ratio Lower Upper

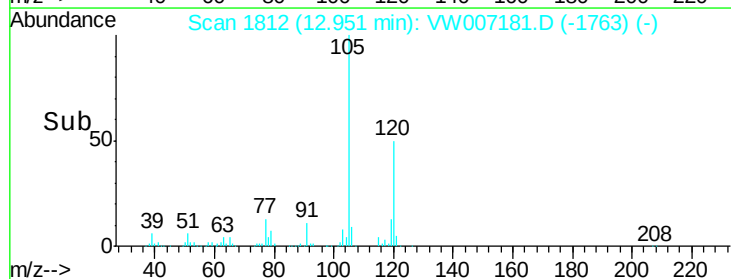
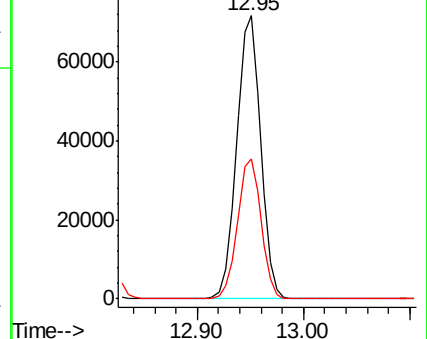
105 100

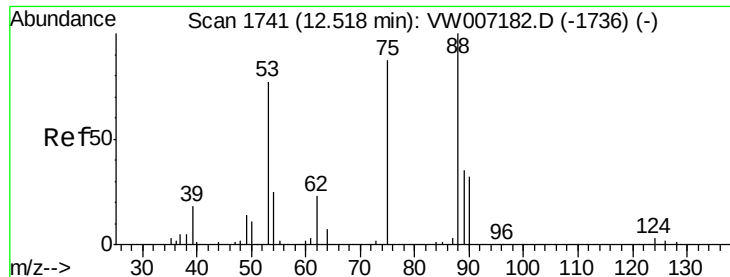
120 49.0 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





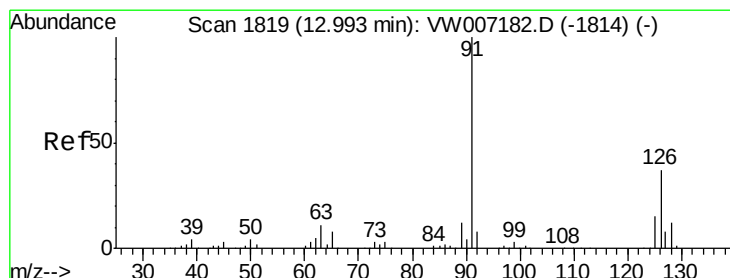
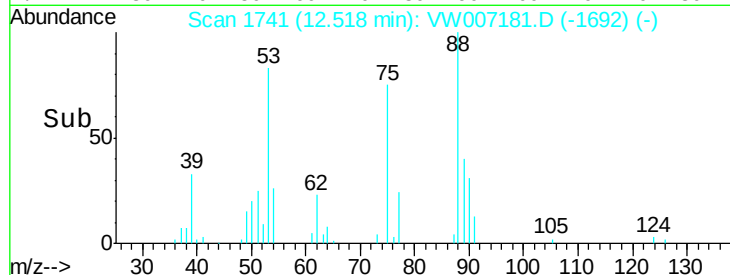
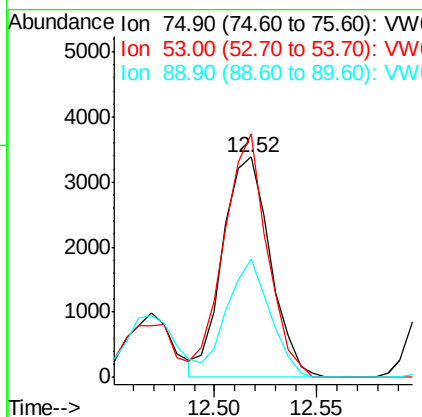
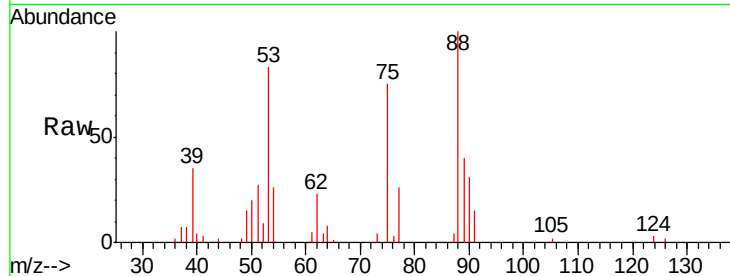
#81
trans-1,4-Dichloro-2-butene
Concen: 18.492 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW007181.D
Acq: 04 Dec 2018 12:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
75	100		
53	100.8	72.8	109.2
89	48.2	36.4	54.6

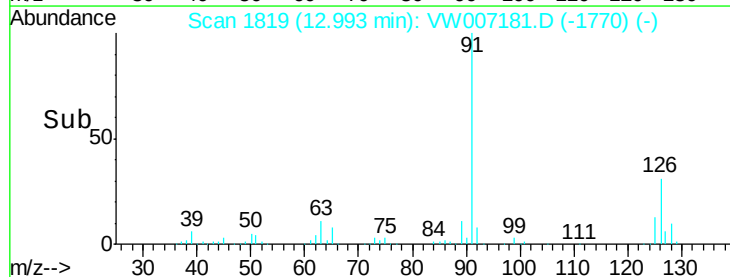
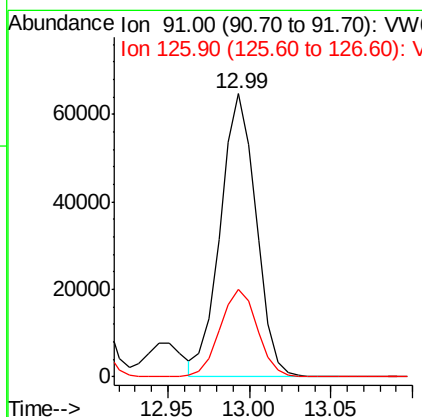
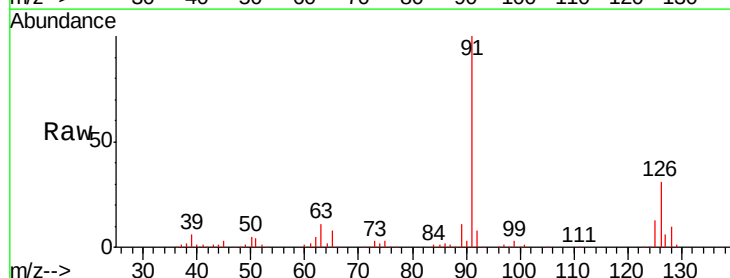
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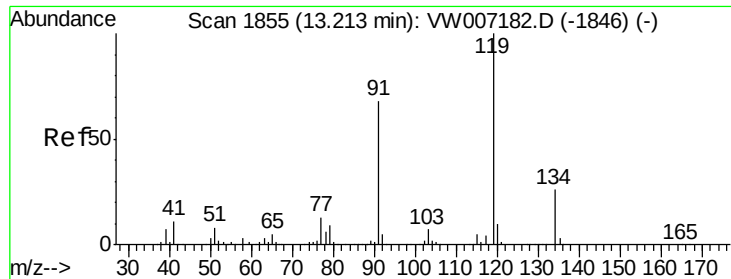
apatel
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#82
4-Chlorotoluene
Concen: 20.530 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007181.D
Acq: 04 Dec 2018 12:04

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.3	17.4	52.3





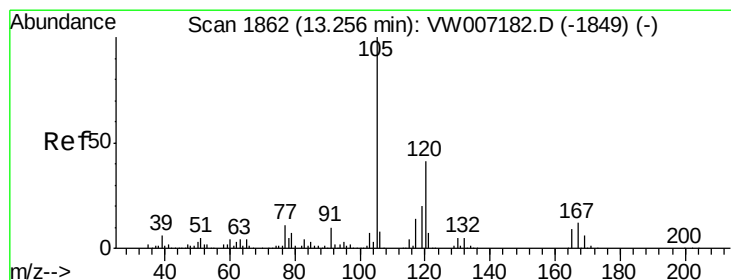
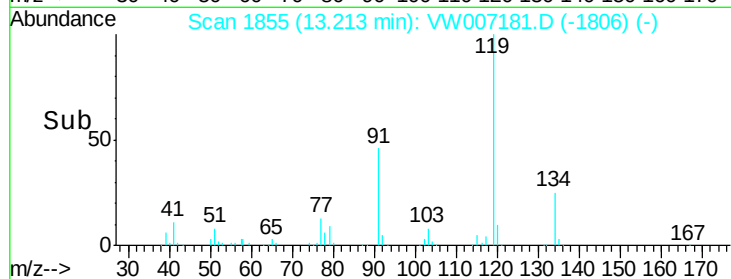
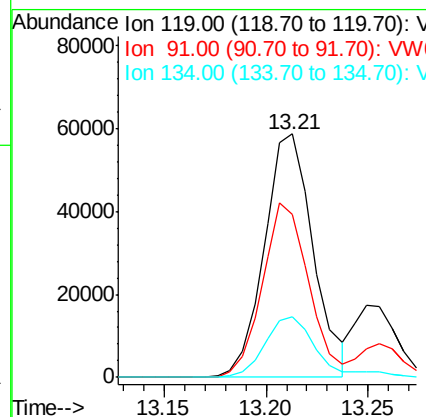
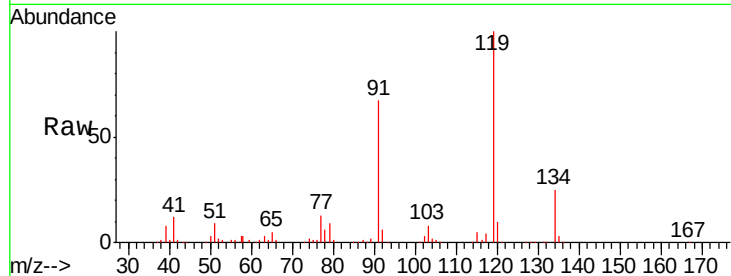
#83
 tert-Butylbenzene
 Concen: 19.588 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW007181.D
 Acq: 04 Dec 2018 12:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	98000		
91	68.1	34.0	101.8	
134	26.4	13.2	39.5	

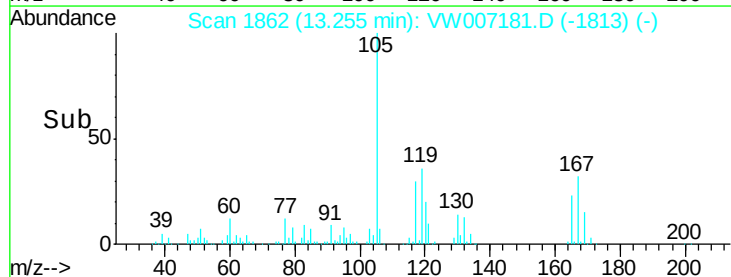
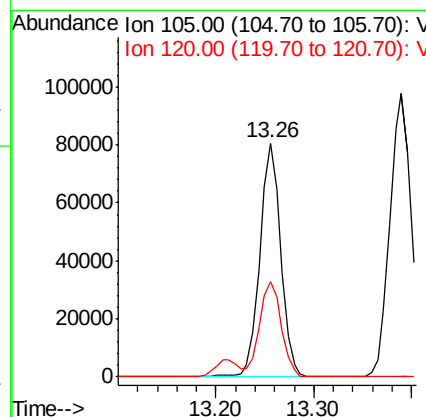
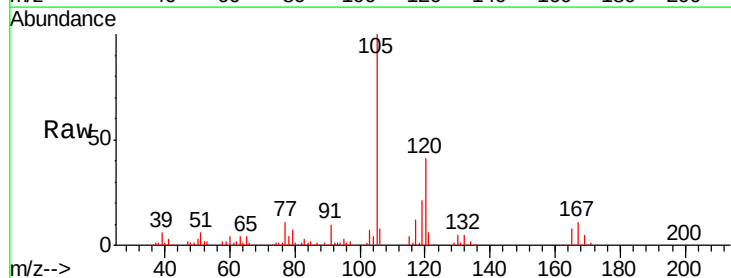
Manual Integrations
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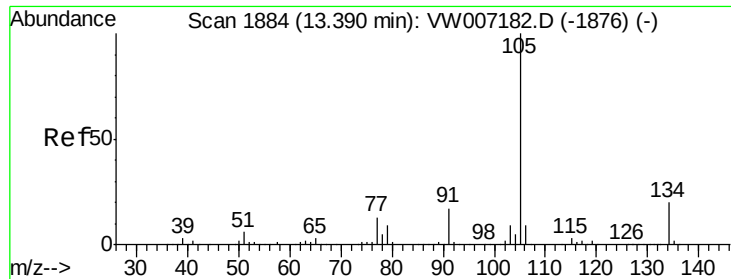
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.400 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007181.D
 Acq: 04 Dec 2018 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	119212		
120	42.9	21.1	63.3	





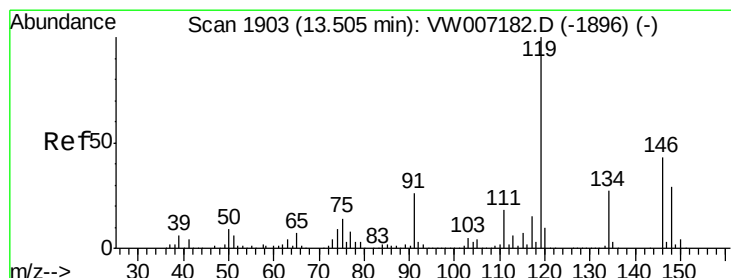
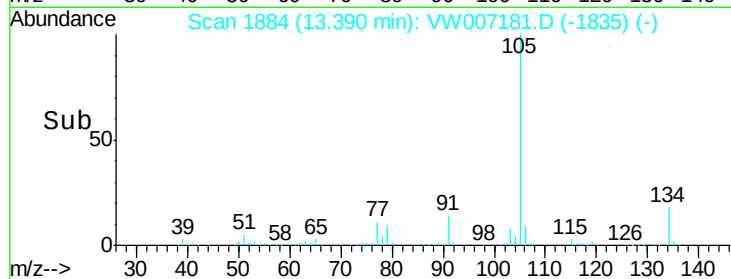
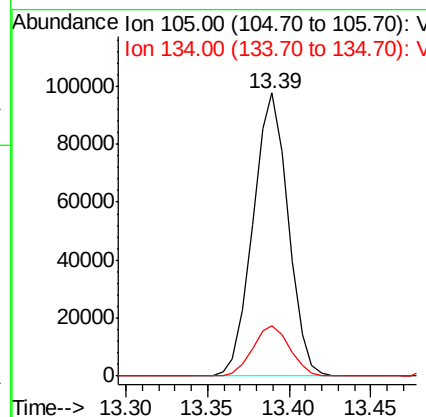
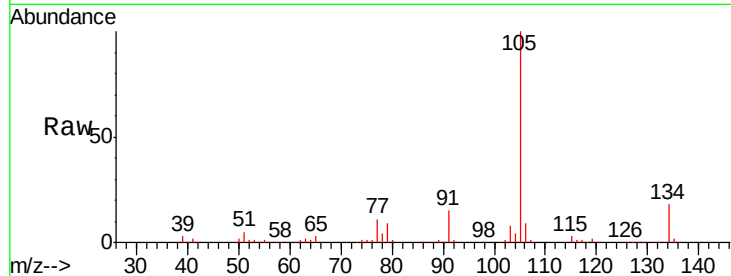
#85
 sec-Butylbenzene
 Concen: 20.539 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007181.D
 Acq: 04 Dec 2018 12:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 146696
 Ion Ratio Lower Upper
 105 100
 134 18.8 10.3 30.8

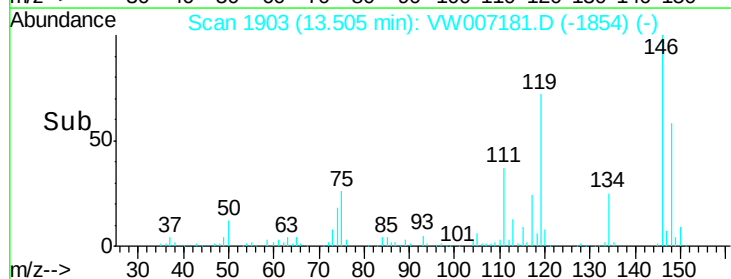
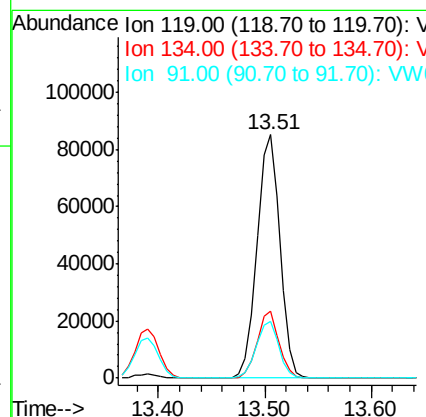
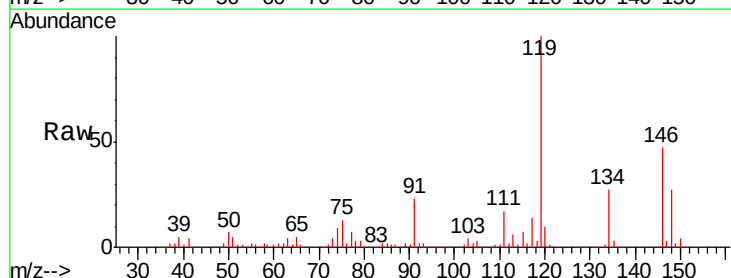
Manual Integrations
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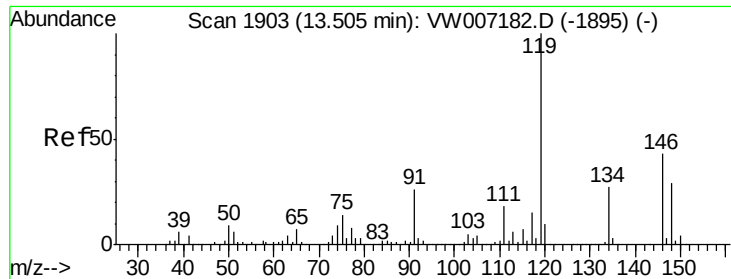
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#86
 p-Isopropyltoluene
 Concen: 20.232 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007181.D
 Acq: 04 Dec 2018 12:04

Tgt Ion:119 Resp: 128635
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.2 39.6
 91 23.2 12.4 37.2





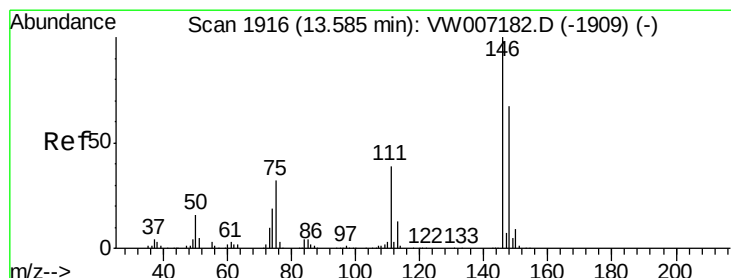
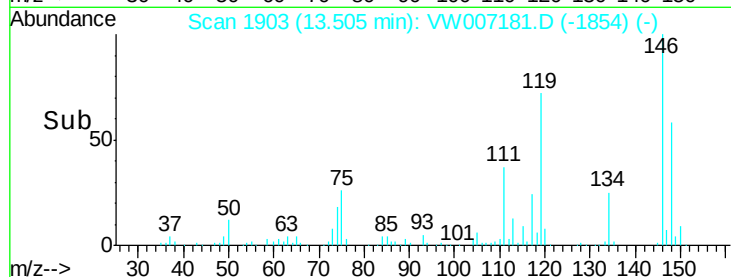
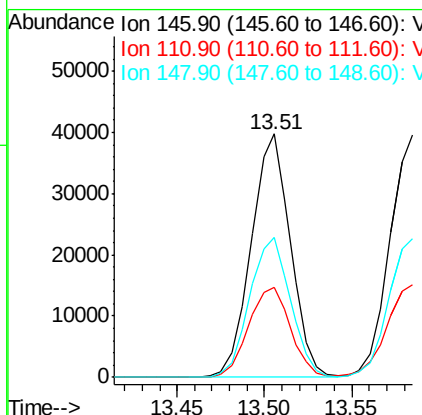
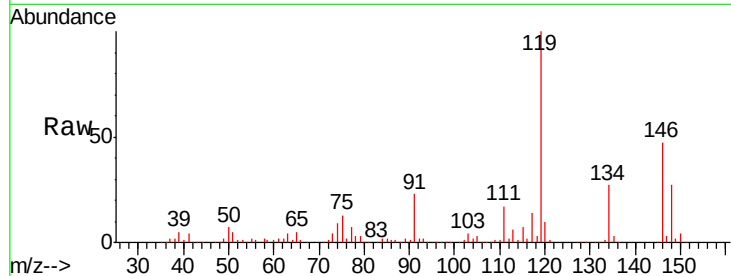
#87
 1,3-Dichlorobenzene
 Concen: 20.829 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007181.D
 Acq: 04 Dec 2018 12:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	21.1	63.4
148	60.1	32.8	98.4

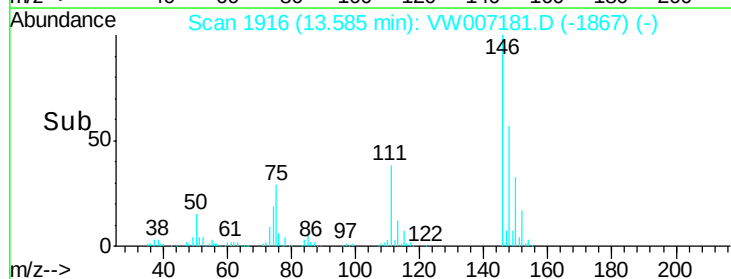
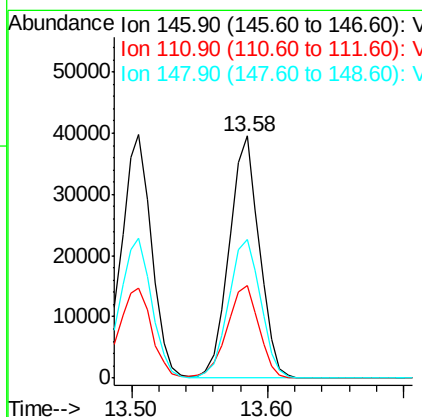
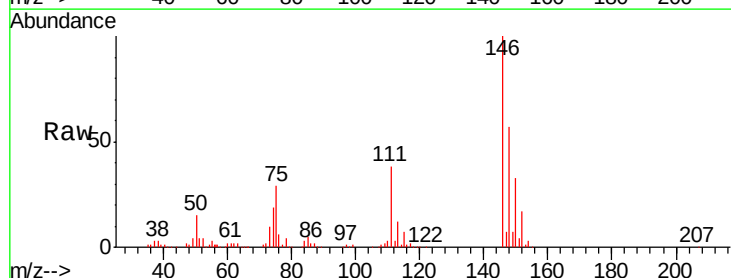
Manual Integrations
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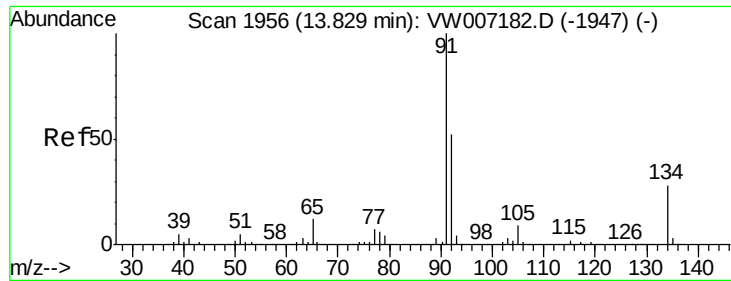
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#88
 1,4-Dichlorobenzene
 Concen: 20.289 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007181.D
 Acq: 04 Dec 2018 12:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.6	58.8
148	61.5	32.6	98.0





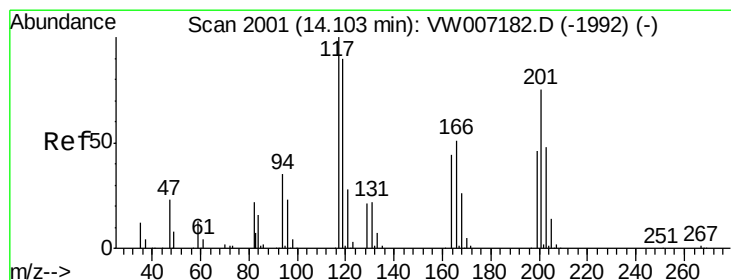
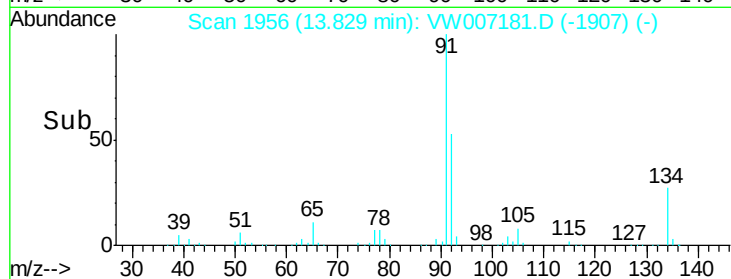
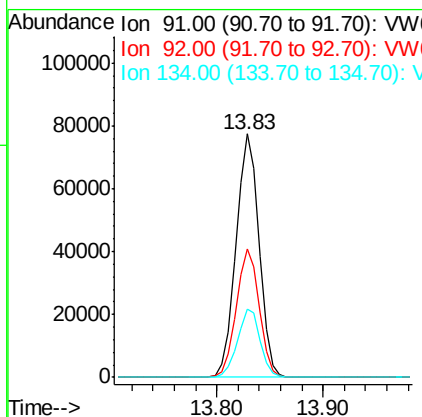
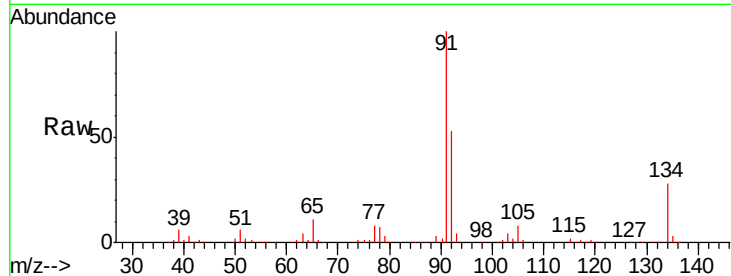
#89
n-Butylbenzene
Concen: 19.805 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007181.D
Acq: 04 Dec 2018 12:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.5	79.5
134	27.4	14.1	42.2

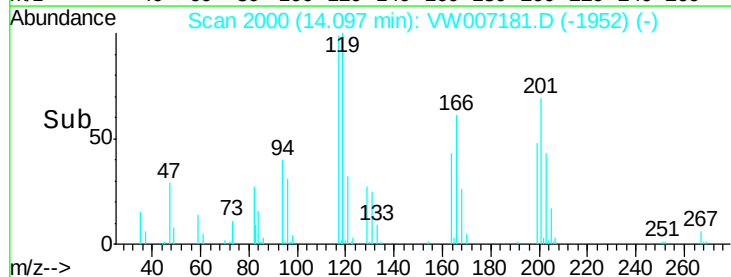
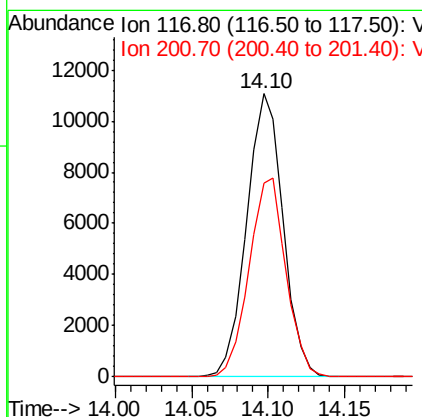
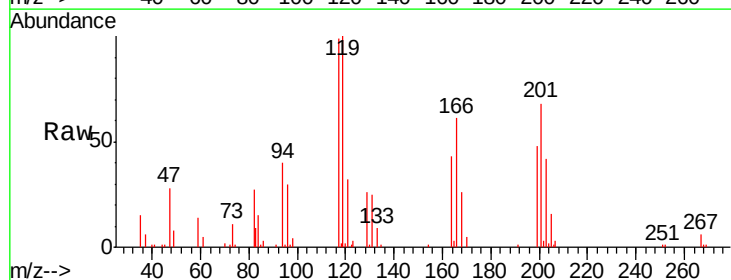
Manual Integrations
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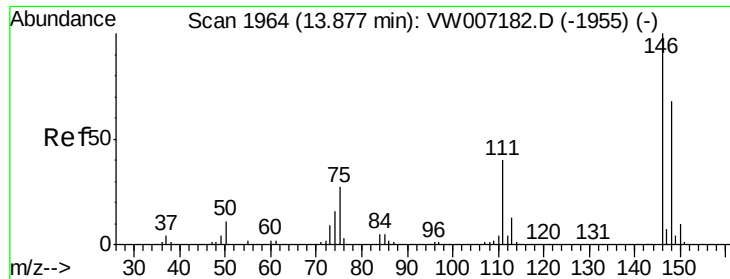
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#90
Hexachloroethane
Concen: 18.869 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: VW007181.D
Acq: 04 Dec 2018 12:04

Tgt Ion	Ratio	Lower	Upper
117	100		
201	71.1	36.0	108.1





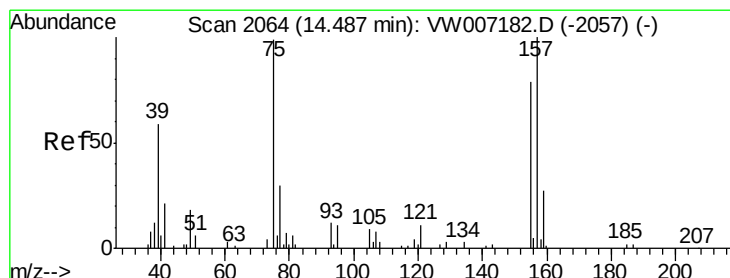
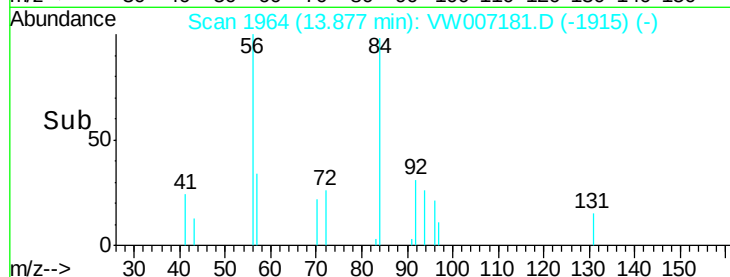
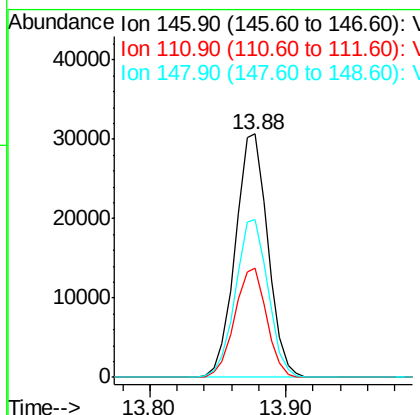
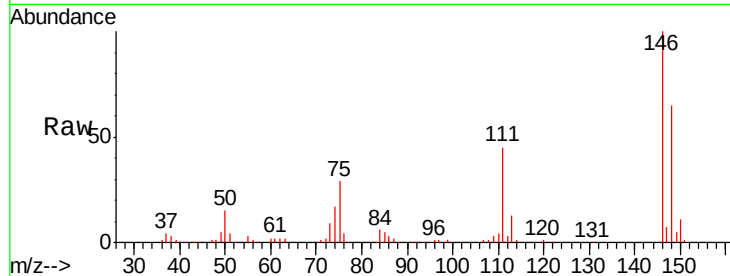
#91
 1,2-Dichlorobenzene
 Concen: 19.930 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW007181.D
 Acq: 04 Dec 2018 12:04

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.0	21.6	65.0
148	64.6	32.7	98.1

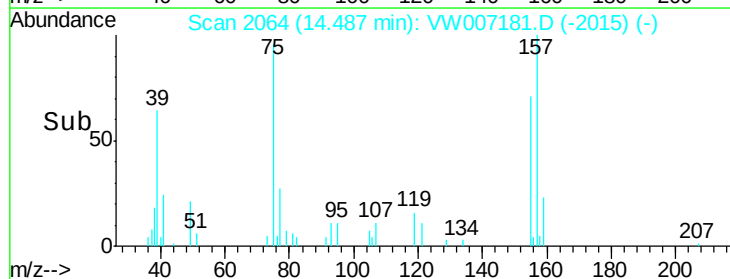
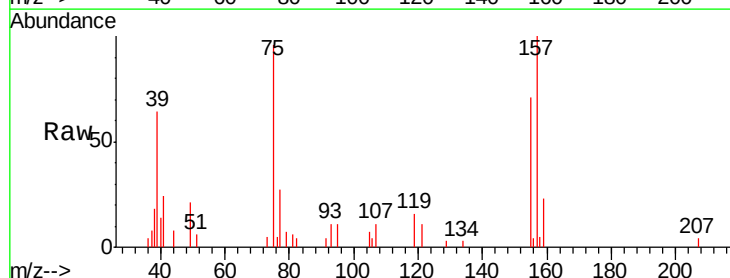
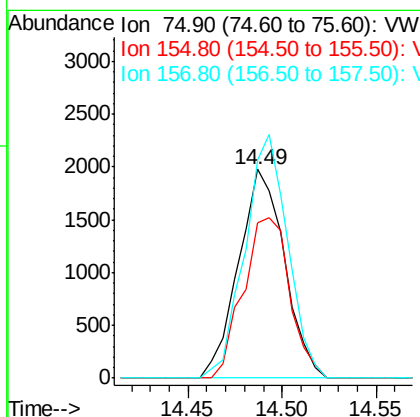
Manual Integrations
 APPROVED

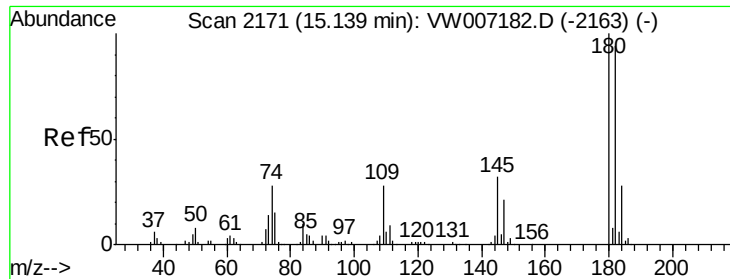
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.856 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW007181.D
 Acq: 04 Dec 2018 12:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.6	42.4	127.2
157	108.2	55.3	165.9





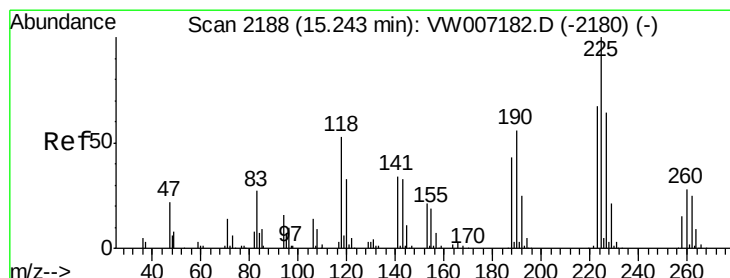
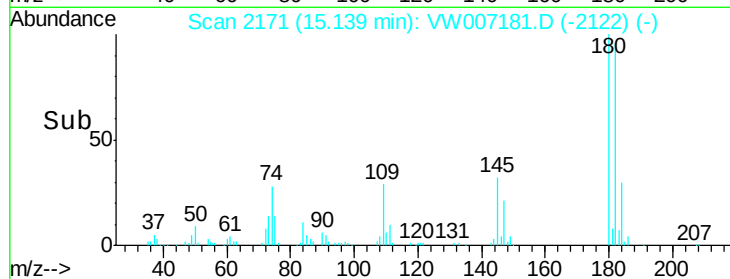
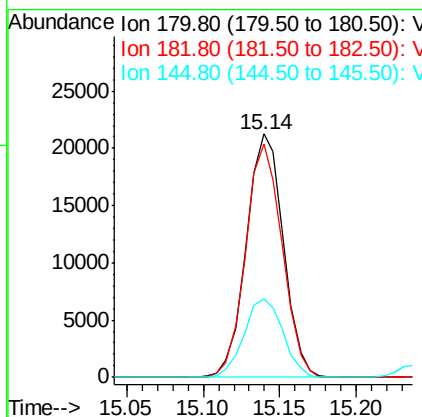
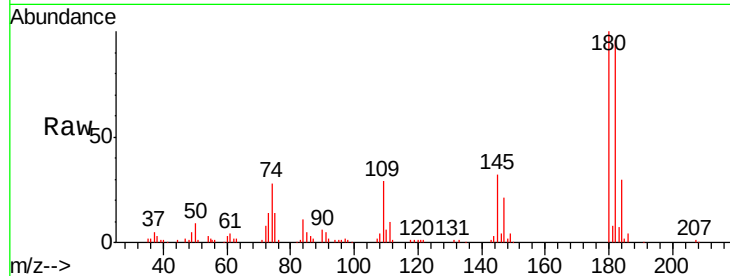
#93
 1,2,4-Trichlorobenzene
 Concen: 20.109 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007181.D
 Acq: 04 Dec 2018 12:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.9	143.8
145	33.7	16.6	49.7

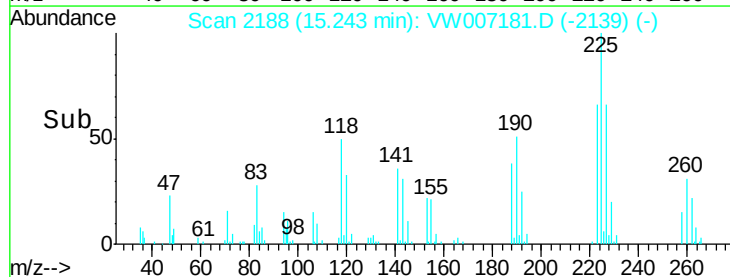
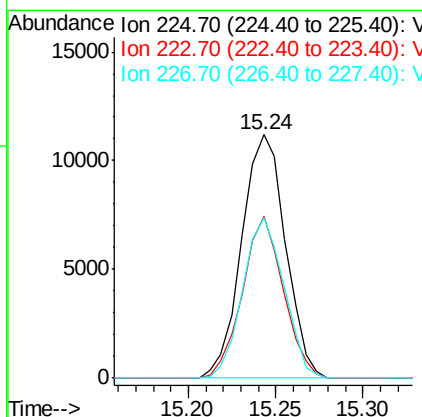
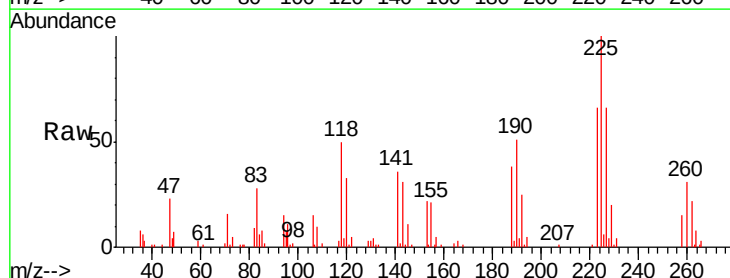
Manual Integrations
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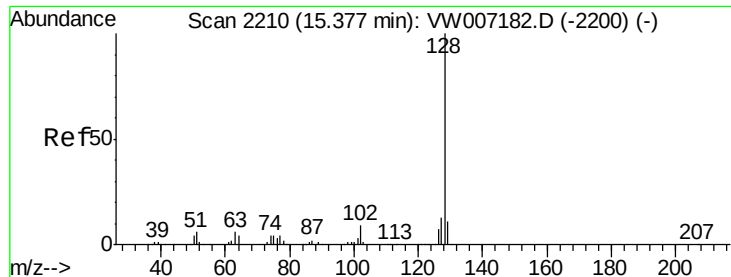
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#94
 Hexachlorobutadiene
 Concen: 20.329 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007181.D
 Acq: 04 Dec 2018 12:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	32.3	96.8
227	62.0	32.1	96.3





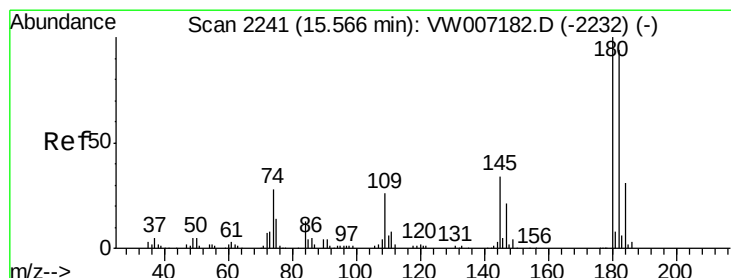
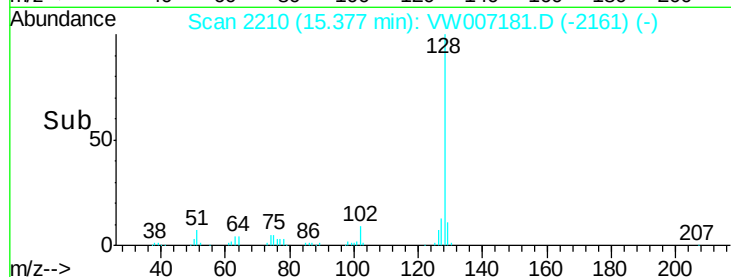
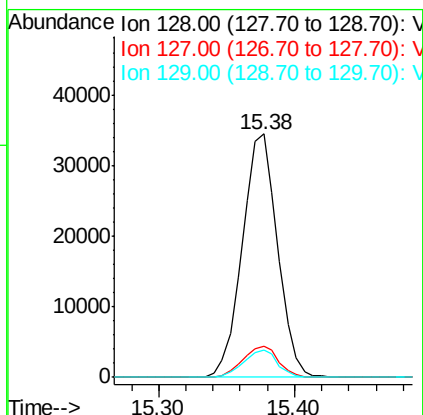
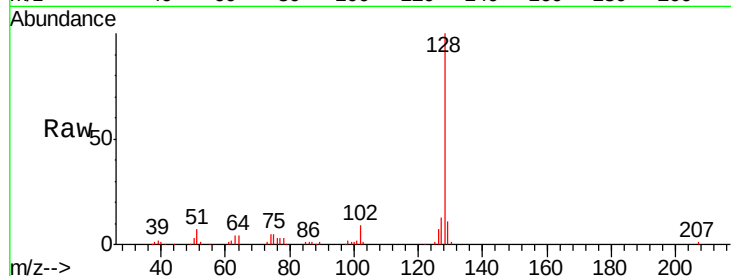
#95
Naphthalene
Concen: 19.545 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW007181.D
Acq: 04 Dec 2018 12:04

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	11.0	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.834 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007181.D
Acq: 04 Dec 2018 12:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.4	142.2
145	35.4	17.6	52.8

