

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110918\
 Data File : VW006785.D
 Acq On : 09 Nov 2018 13:32
 Operator : SY/AP
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

apatel
 11/12/2018 3:40:38 PM

Quant Time: Nov 09 13:59:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110918S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 09 12:43:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	317721	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	416856	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	419230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	241481	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	101686	37.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.46%	
35) Dibromofluoromethane	7.89	113	108680	41.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.08%	
50) Toluene-d8	10.33	98	473728	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
62) 4-Bromofluorobenzene	12.62	95	174149	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	118878	72.176	ug/l	96
3) Chloromethane	2.21	50	145139	71.220	ug/l	100
4) Vinyl Chloride	2.36	62	155976	54.815	ug/l	99
5) Bromomethane	2.78	94	108059	45.251	ug/l	98
6) Chloroethane	2.92	64	98068	49.326	ug/l	99
7) Trichlorofluoromethane	3.26	101	186308	74.144	ug/l	94
8) Diethyl Ether	3.69	74	53264	38.778	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.07	101	121538	45.295	ug/l	100
10) Methyl Iodide	4.28	142	187273	38.493	ug/l	100
11) Tert butyl alcohol	5.21	59	34148	232.062	ug/l #	83
12) 1,1-Dichloroethene	4.04	96	104903	40.478	ug/l	99
13) Acrolein	3.91	56	36260	195.921	ug/l	100
14) Allyl chloride	4.67	41	142242	42.048	ug/l	98
15) Acrylonitrile	5.38	53	112811	229.054	ug/l	99
16) Acetone	4.15	43	71014	161.053	ug/l	99
17) Carbon Disulfide	4.39	76	362361	49.135	ug/l	100
18) Methyl Acetate	4.68	43	50485	39.817	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	261319	67.742	ug/l	99
20) Methylene Chloride	4.92	84	138994	40.485	ug/l	95
21) trans-1,2-Dichloroethene	5.43	96	124601	42.490	ug/l	97
22) Diisopropyl ether	6.32	45	307012	43.533	ug/l	98
23) Vinyl Acetate	6.26	43	882425	225.632	ug/l	99
24) 1,1-Dichloroethane	6.23	63	196205	41.050	ug/l	99
25) 2-Butanone	7.18	43	128321	203.944	ug/l	97
26) 2,2-Dichloropropane	7.17	77	182204	63.283	ug/l	96
27) cis-1,2-Dichloroethene	7.18	96	133645	40.736	ug/l	97
28) Bromochloromethane	7.52	49	74548	39.279	ug/l	99
29) Tetrahydrofuran	7.54	42	84627	213.838	ug/l	99
30) Chloroform	7.68	83	213682	40.776	ug/l	99
31) Cyclohexane	7.96	56	197052	45.297	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	203911	45.985	ug/l	100
36) 1,1-Dichloropropene	8.09	75	178706	48.749	ug/l	100
37) Ethyl Acetate	7.26	43	61383	48.319	ug/l	100
38) Carbon Tetrachloride	8.07	117	186582	48.709	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	235963	50.722	ug/l	98
40) Benzene	8.33	78	509961	48.976	ug/l	99
41) Methacrylonitrile	7.49	41	33842	43.444	ug/l	93
42) 1,2-Dichloroethane	8.40	62	134899	45.175	ug/l	99
43) Isopropyl Acetate	8.43	43	117866	46.495	ug/l	99
44) Trichloroethene	9.10	130	154715	48.151	ug/l	98
45) 1,2-Dichloropropane	9.37	63	117607	48.535	ug/l	99
46) Dibromomethane	9.46	93	66588	46.747	ug/l	98
47) Bromodichloromethane	9.65	83	160126	48.415	ug/l	98
48) Methyl methacrylate	9.44	41	57831	47.350	ug/l	97
49) 1,4-Dioxane	9.48	88	20907	1002.918	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	316652	243.216	ug/l	100
52) Toluene	10.39	92	374062	53.562	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	162670	51.105	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	187766	49.918	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	97348	48.167	ug/l	96
56) Ethyl methacrylate	10.65	69	118766	51.702	ug/l	98
57) 1,3-Dichloropropane	10.94	76	158062	48.163	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	277633	248.630	ug/l	100
59) 2-Hexanone	10.98	43	224472	253.852	ug/l	99
60) Dibromochloromethane	11.13	129	119095	49.736	ug/l	99
61) 1,2-Dibromoethane	11.24	107	95604	47.635	ug/l	100
64) Tetrachloroethene	10.87	164	154923	46.358	ug/l	99
65) Chlorobenzene	11.66	112	431833	48.950	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	136312	43.962	ug/l	99
67) Ethyl Benzene	11.74	91	742523	50.356	ug/l	100
68) m/p-Xylenes	11.84	106	604788	102.661	ug/l	99
69) o-Xylene	12.17	106	279954	49.916	ug/l	100
70) Styrene	12.18	104	462500	50.581	ug/l	100
71) Bromoform	12.35	173	76106	46.303	ug/l #	100
73) Isopropylbenzene	12.47	105	773234	48.608	ug/l	99
74) N-amyl acetate	12.27	43	126629	46.066	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	110773	44.089	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	84980m	45.104	ug/l	
77) Bromobenzene	12.75	156	195805	47.541	ug/l	99
78) n-propylbenzene	12.81	91	918084	50.176	ug/l	100
79) 2-Chlorotoluene	12.90	91	508503	48.425	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	666646	49.882	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	32704	50.407	ug/l	97
82) 4-Chlorotoluene	12.99	91	543696	48.940	ug/l	100
83) tert-Butylbenzene	13.21	119	581254	48.771	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	686851	50.106	ug/l	99
85) sec-Butylbenzene	13.39	105	827776	49.591	ug/l	100
86) p-Isopropyltoluene	13.51	119	766887	50.492	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	397218	48.971	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	393474	48.938	ug/l	100
89) n-Butylbenzene	13.83	91	700004	51.920	ug/l	99
90) Hexachloroethane	14.10	117	119827	48.003	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	349054	47.841	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18506	45.394	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	265700	48.975	ug/l	99
94) Hexachlorobutadiene	15.24	225	165507	48.948	ug/l	99
95) Naphthalene	15.38	128	425064	48.749	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	232493	48.760	ug/l	99

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

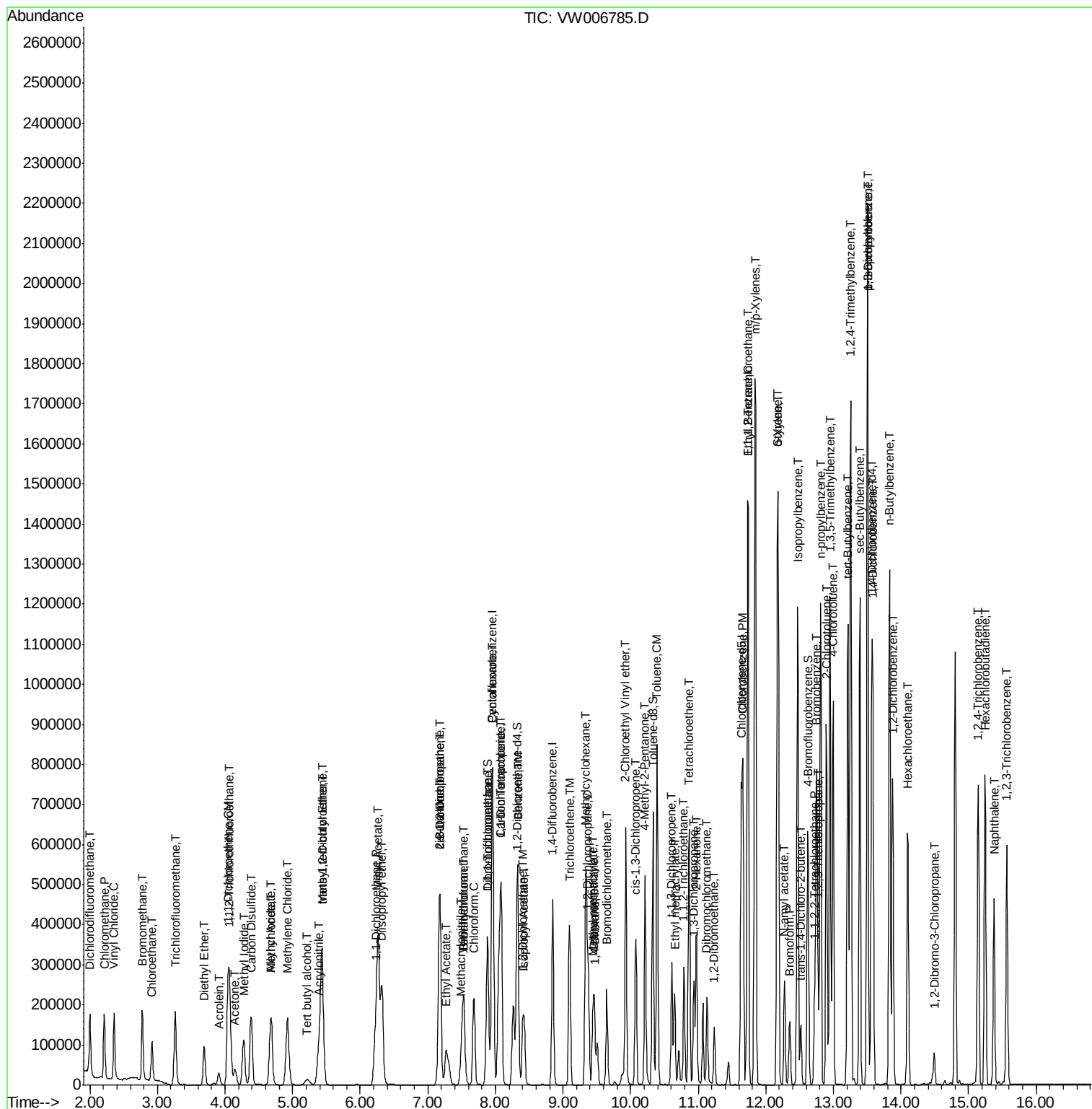
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW110918\
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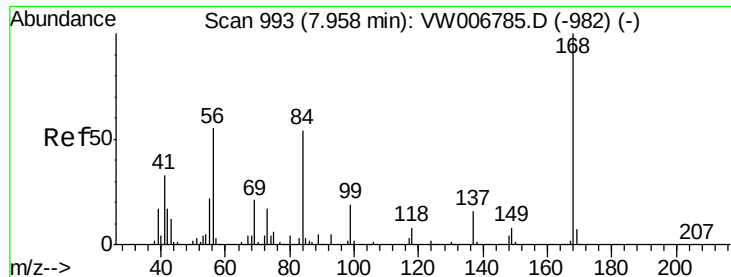
Instrument :
MSVOA_W
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.01 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 317721

Ion Ratio Lower Upper

168 100

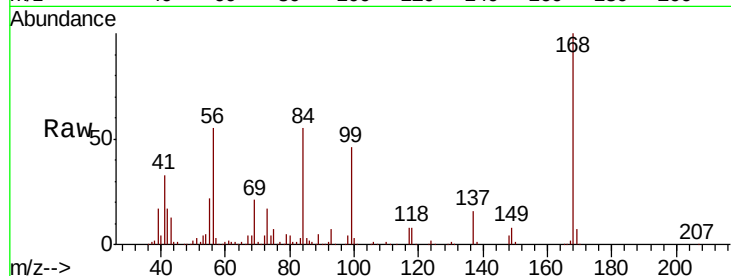
99 46.0 37.4 56.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

150000

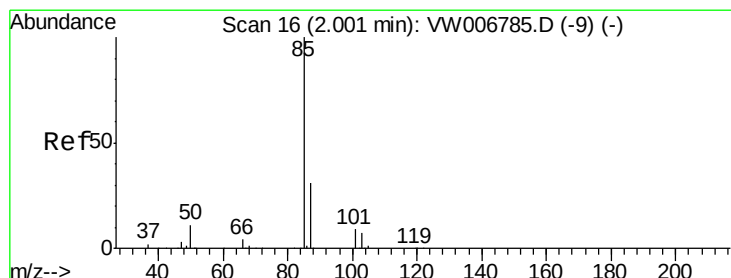
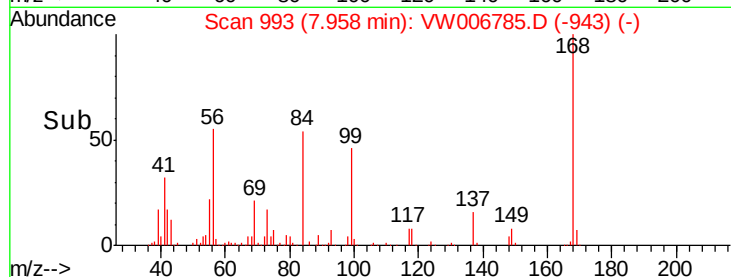
100000

50000

0

7.90 7.96 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 72.176 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.02 min

Lab File: VW006785.D

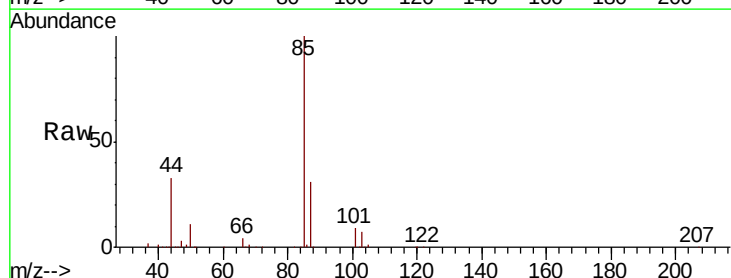
Acq: 09 Nov 2018 13:32

Tgt Ion: 85 Resp: 118878

Ion Ratio Lower Upper

85 100

87 31.4 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

100000

80000

60000

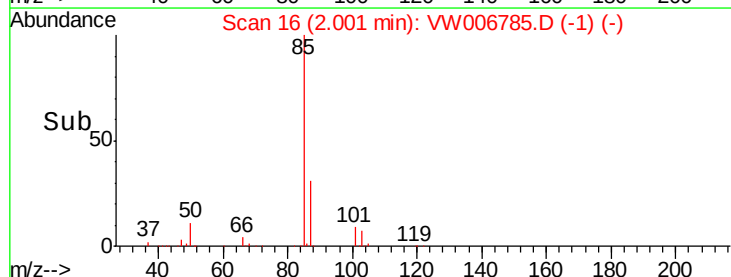
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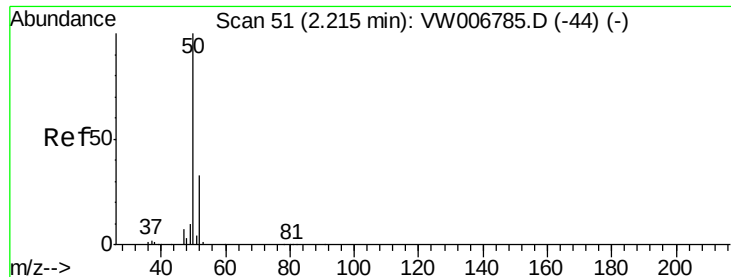
20000

0

1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 71.220 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 145139

Ion Ratio Lower Upper

50 100

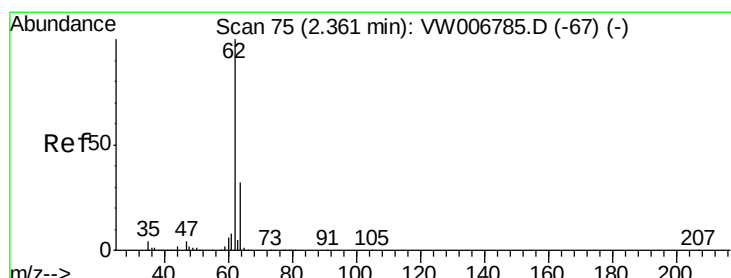
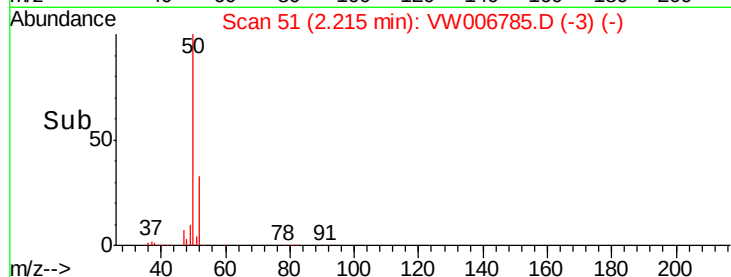
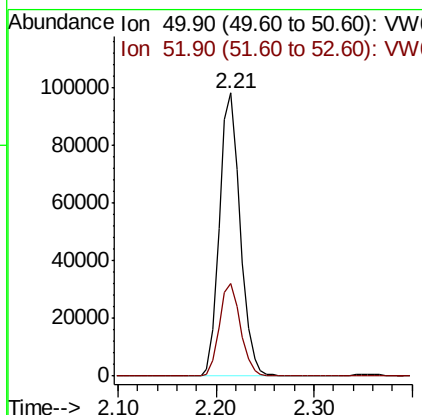
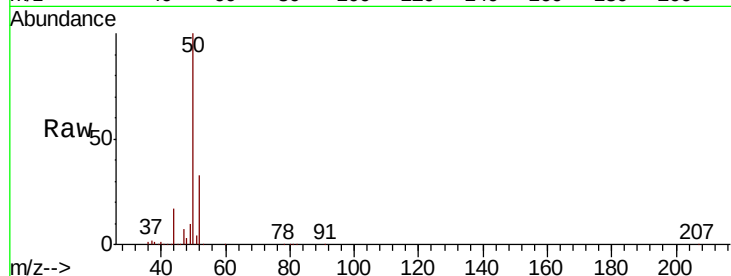
52 32.8 26.2 39.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 54.815 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW006785.D

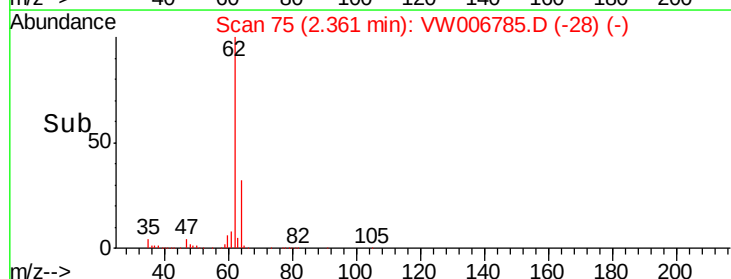
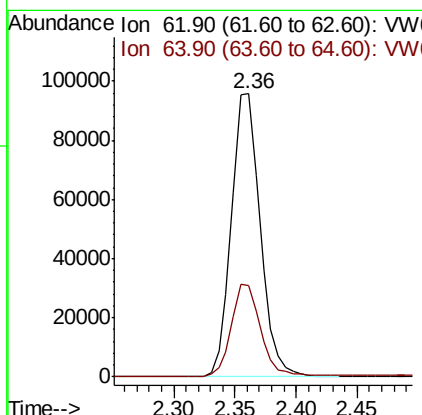
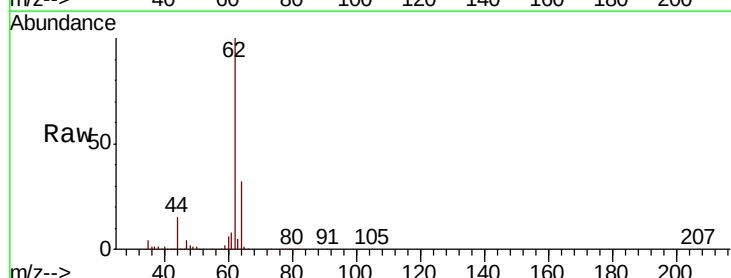
Acq: 09 Nov 2018 13:32

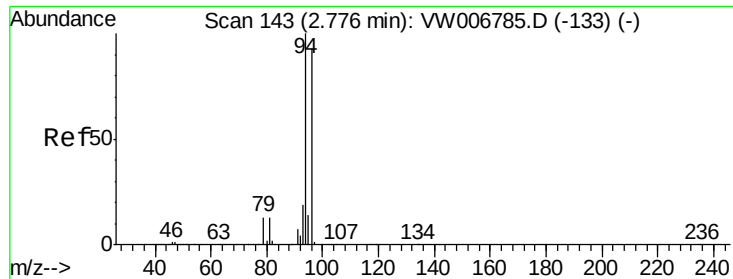
Tgt Ion: 62 Resp: 155976

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.0





#5

Bromomethane

Concen: 45.251 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.02 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 108059

Ion Ratio Lower Upper

94 100

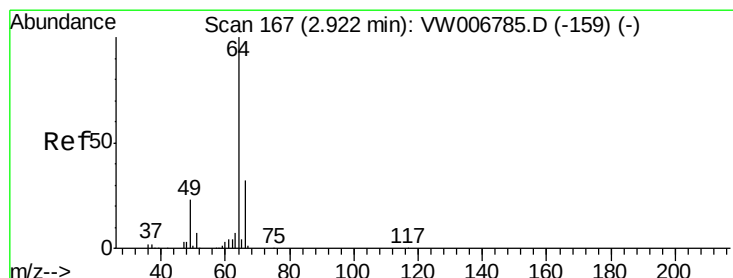
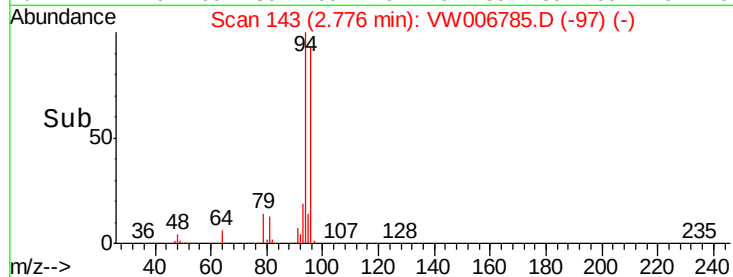
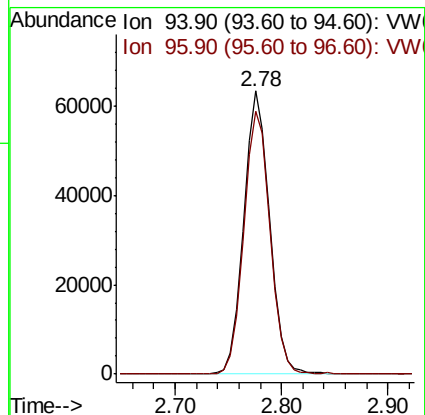
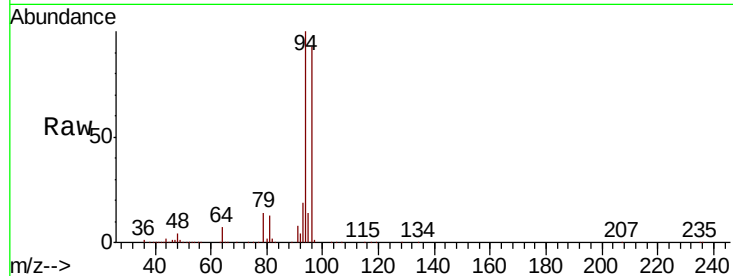
96 93.1 75.7 113.5

Manual Integrations

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#6

Chloroethane

Concen: 49.326 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW006785.D

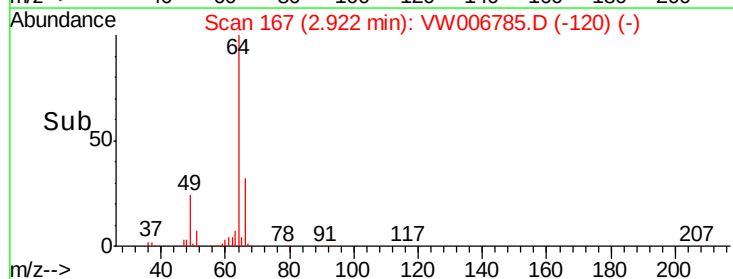
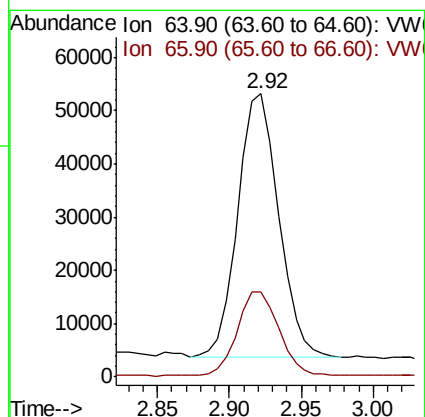
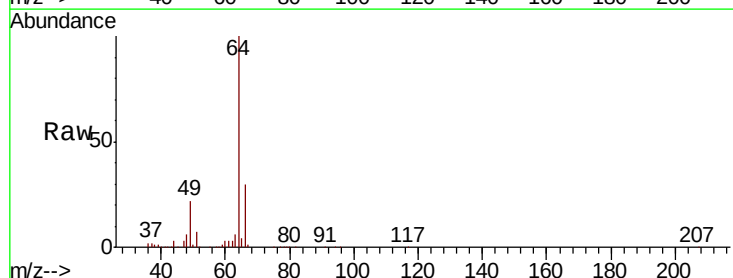
Acq: 09 Nov 2018 13:32

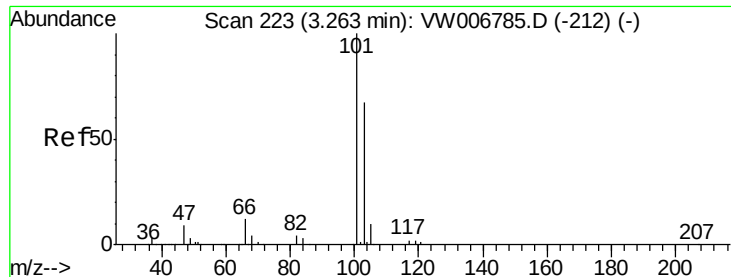
Tgt Ion: 64 Resp: 98068

Ion Ratio Lower Upper

64 100

66 31.8 25.9 38.9





#7

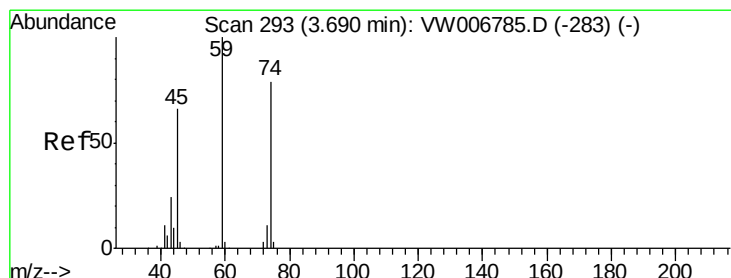
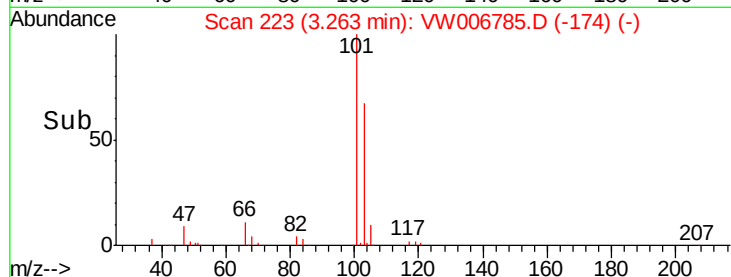
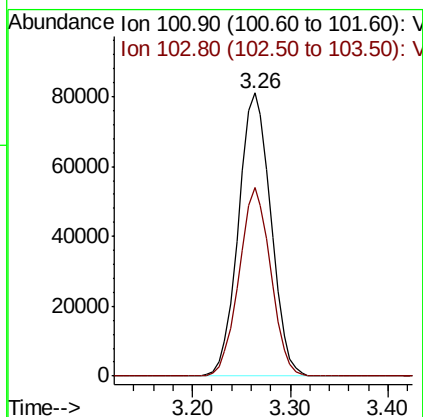
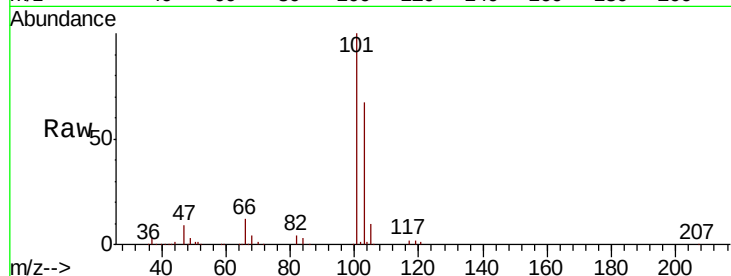
Trichlorofluoromethane
 Concen: 74.144 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW006785.D
 Acq: 09 Nov 2018 13:32

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.7	49.8	74.8

Manual Integrations
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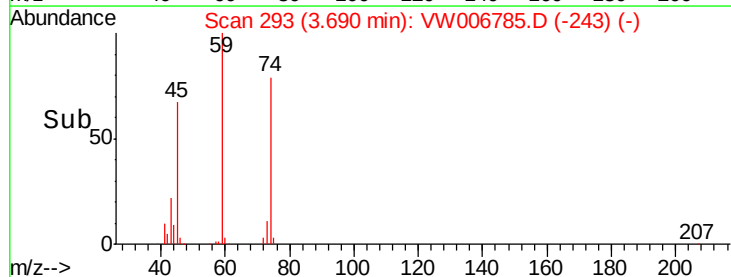
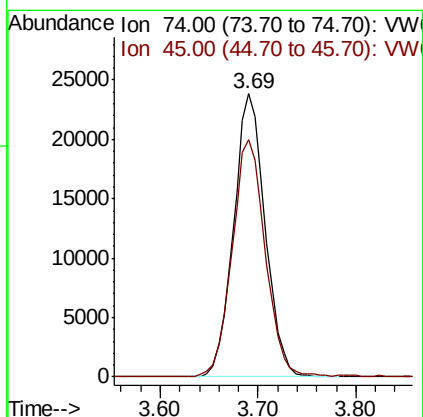
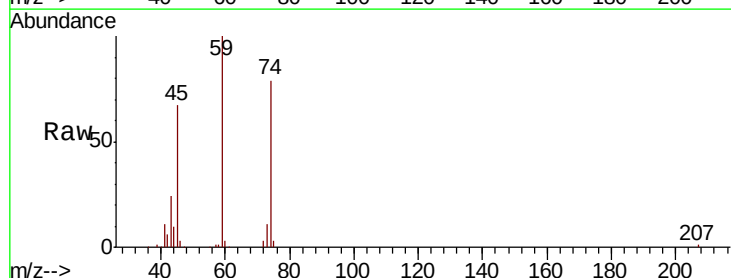
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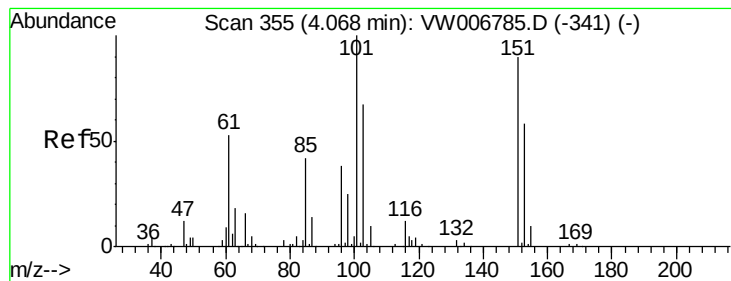


#8

Diethyl Ether
 Concen: 38.778 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: VW006785.D
 Acq: 09 Nov 2018 13:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.1	41.1	123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.295 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW006785.D

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Instrument :

MSVOA_W

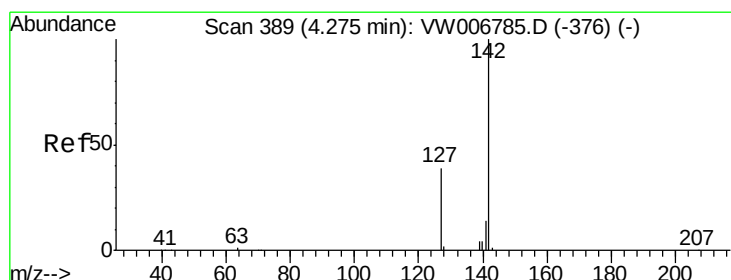
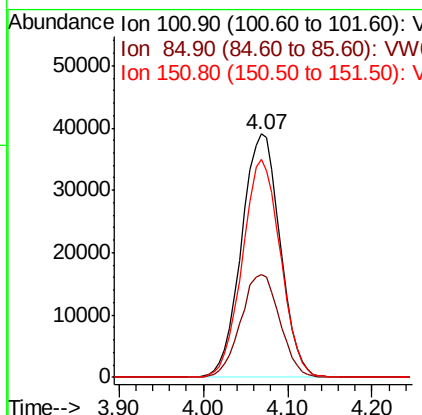
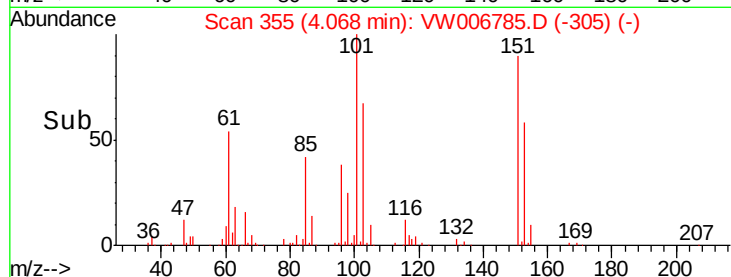
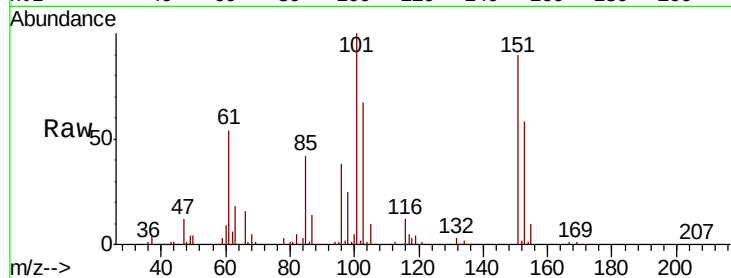
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	121538
Ion Ratio	Lower	Upper	
101	100		
85	42.5	34.2	51.2
151	88.4	70.7	106.1

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#10

Methyl Iodide

Concen: 38.493 ug/l

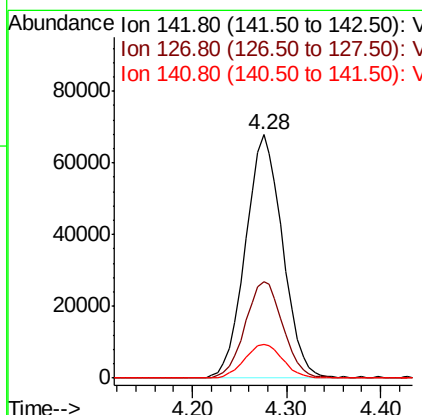
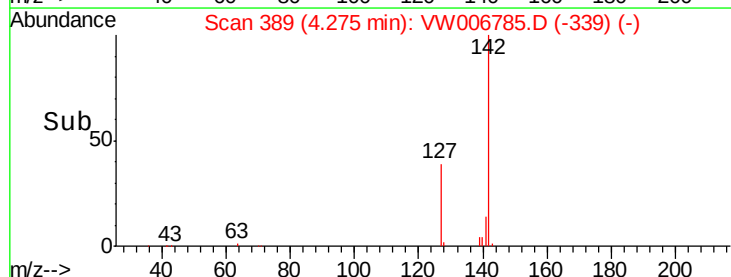
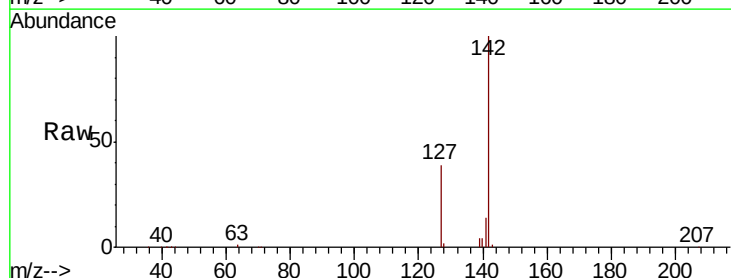
RT: 4.28 min Scan# 389

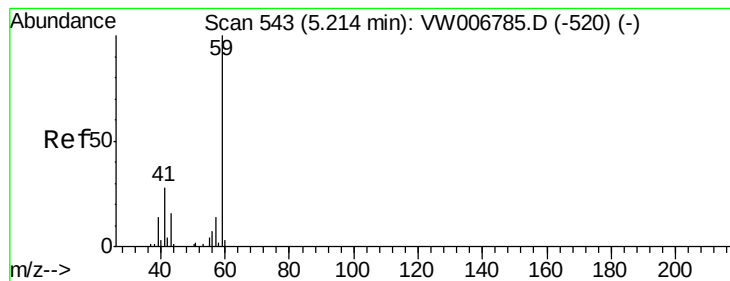
Delta R.T. 0.01 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

Tgt Ion:	142	Resp:	187273
Ion Ratio	Lower	Upper	
142	100		
127	40.4	32.3	48.5
141	14.2	11.3	16.9





#11

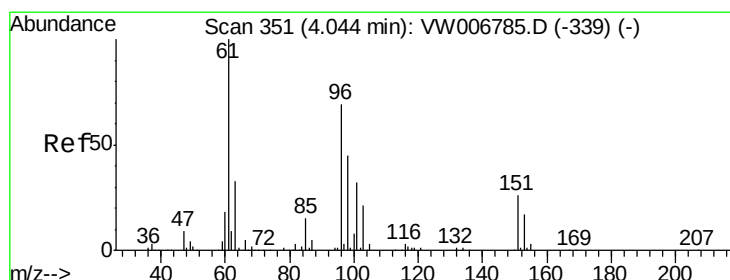
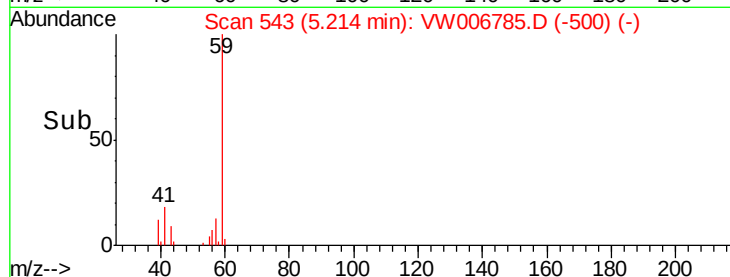
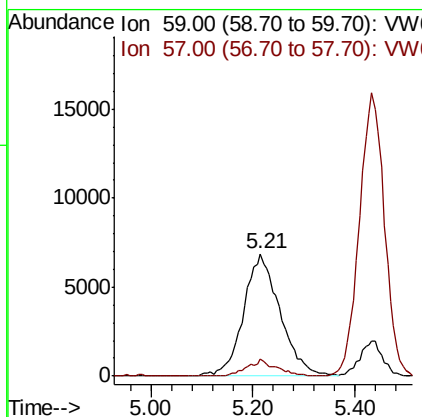
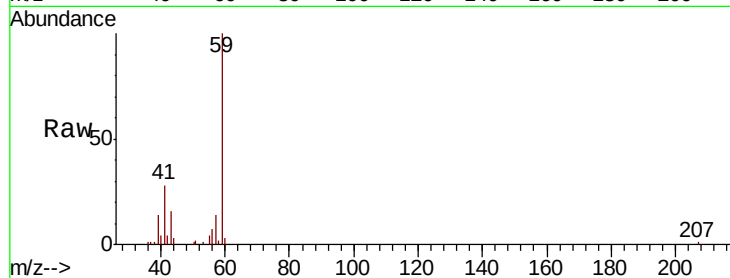
Tert butyl alcohol
Concen: 232.062 ug/l
RT: 5.21 min Scan# 543
Delta R.T. -0.04 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	59	57	Ratio	100	10.9	Resp	34148	Lower	4.3	Upper	6.5#
Ion											

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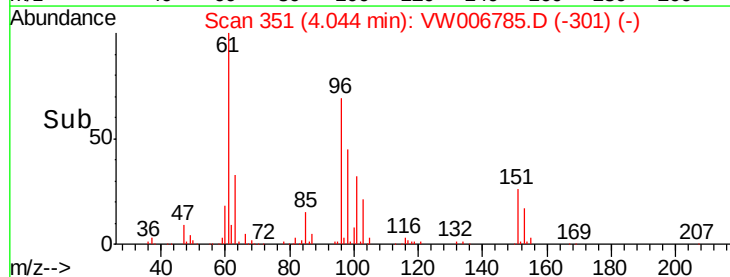
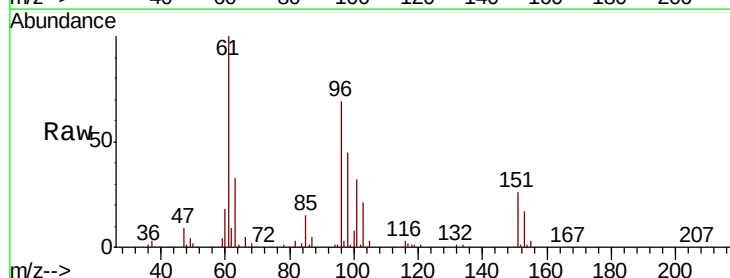
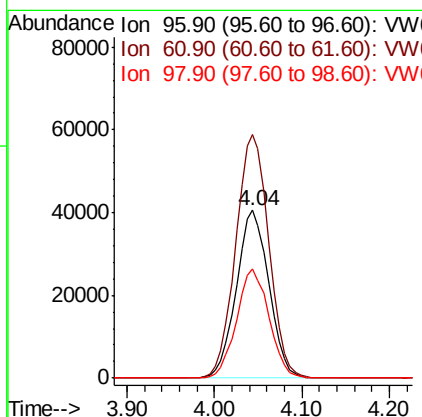
apatel
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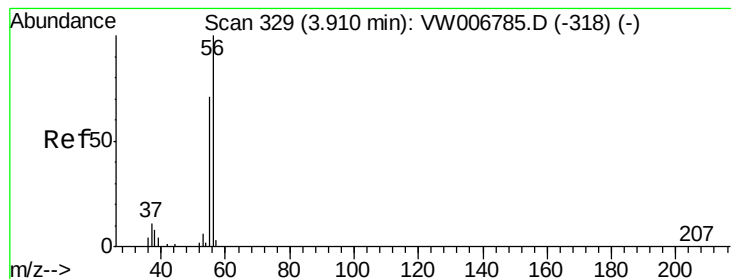


#12

1,1-Dichloroethene
Concen: 40.478 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.01 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Tgt Ion	96	61	98	Ratio	100	145.0	65.0	Resp	104903	Lower	117.0	52.5	Upper	175.4	78.7
Ion															





#13

Acrolein

Concen: 195.921 ug/l

RT: 3.91 min Scan# 329

Delta R.T. 0.01 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 36260

Ion Ratio Lower Upper

56 100

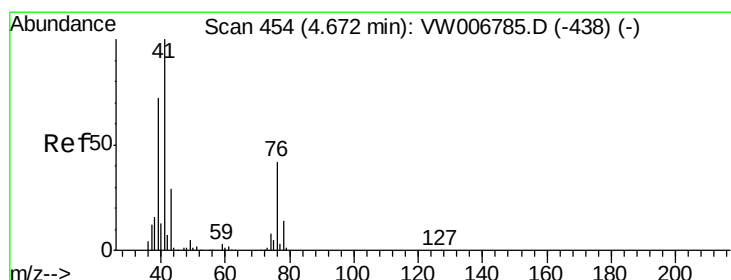
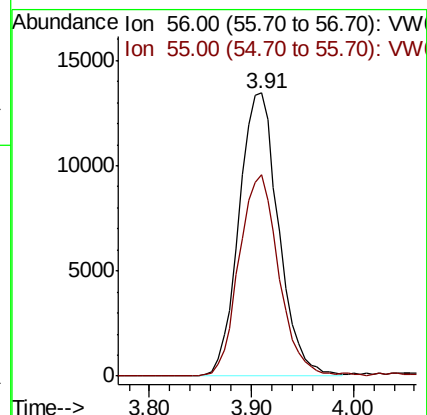
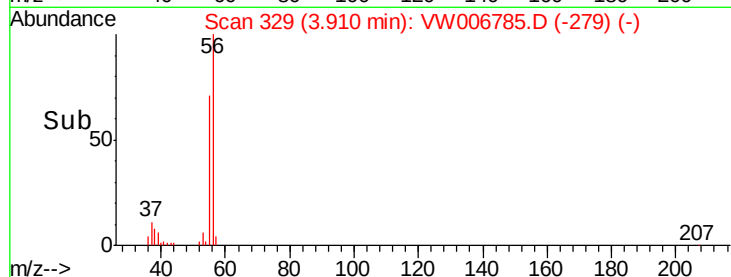
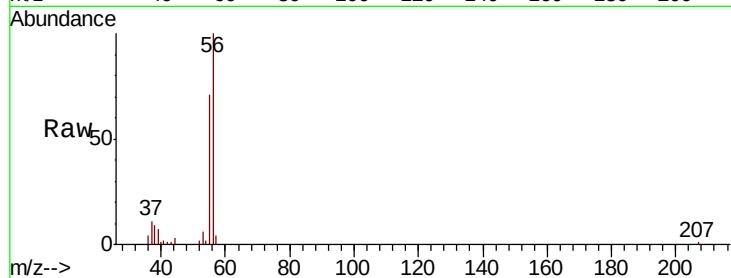
55 71.1 56.9 85.3

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#14

Allyl chloride

Concen: 42.048 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

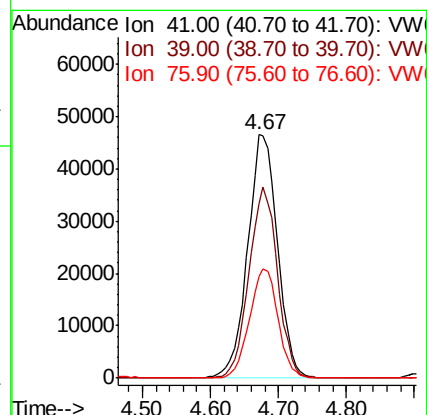
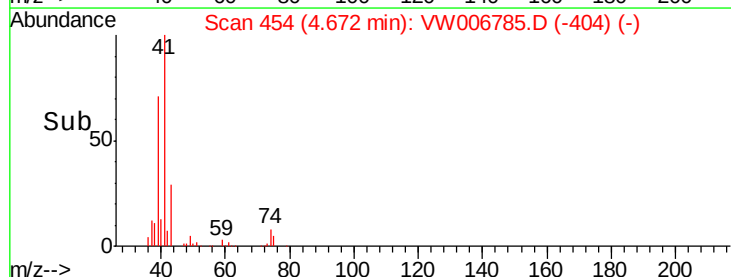
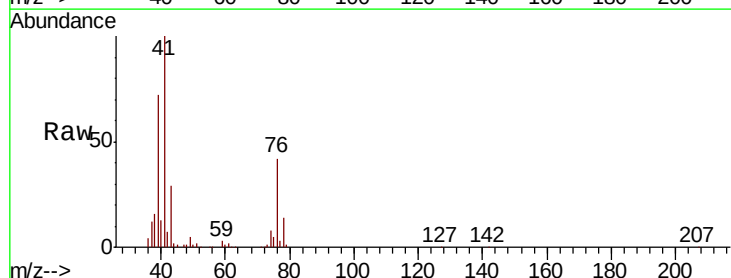
Tgt Ion: 41 Resp: 142242

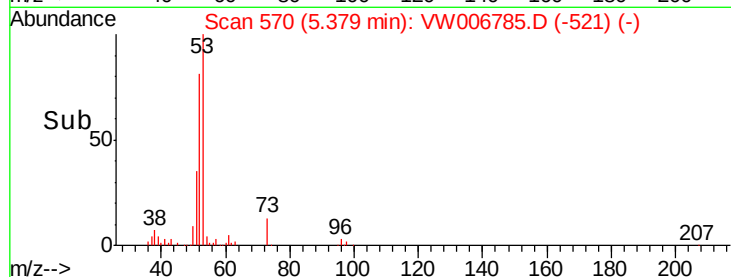
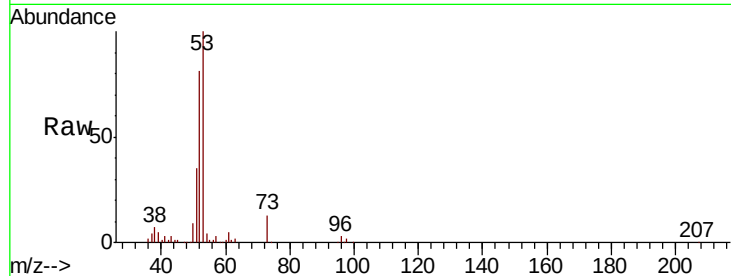
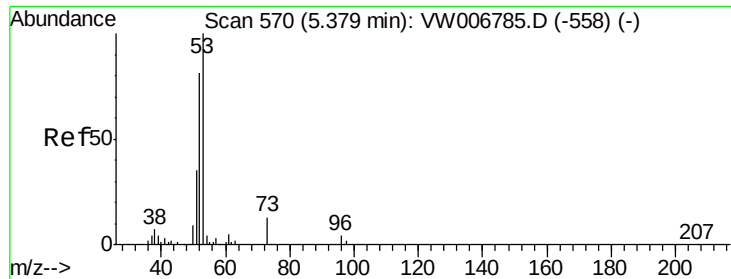
Ion Ratio Lower Upper

41 100

39 75.0 62.1 93.1

76 42.8 34.2 51.2





#15

Acrylonitrile

Concen: 229.054 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

Tot Ion:	53	Resp:	112811
Ion Ratio	Lower	Upper	
53	100		
52	81.5	65.8	98.8
51	37.8	29.6	44.4

Instrument :

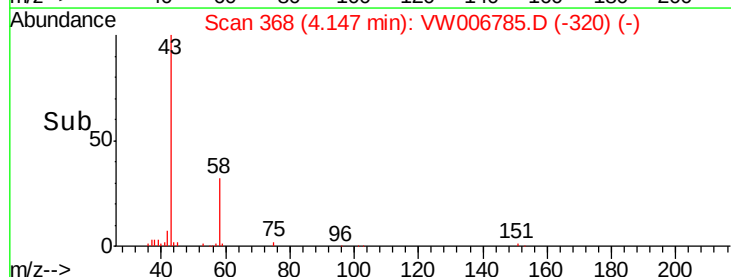
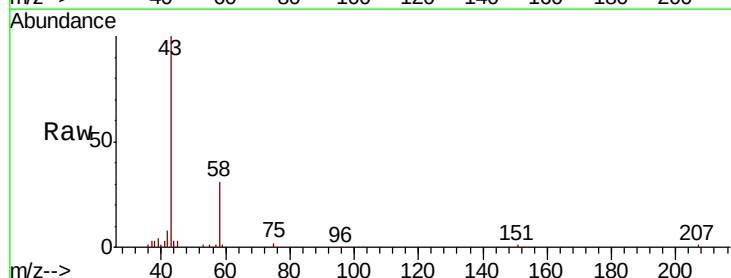
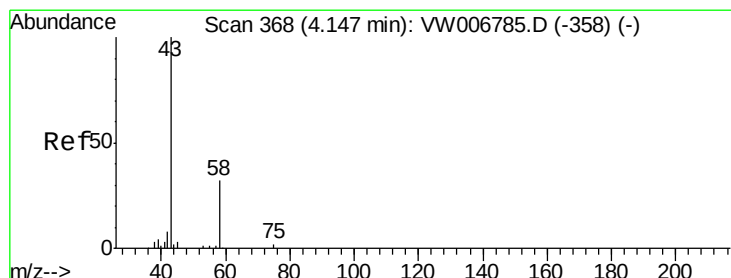
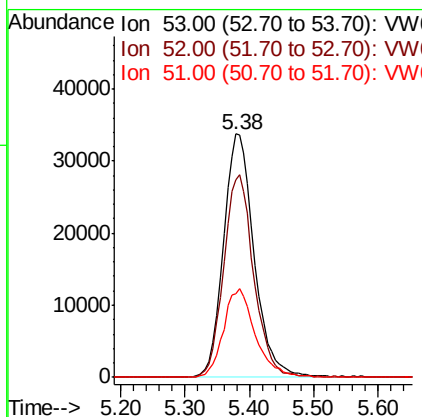
MSVOA_W

ClientSampleId :

VSTDICCC050

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#16

Acetone

Concen: 161.053 ug/l

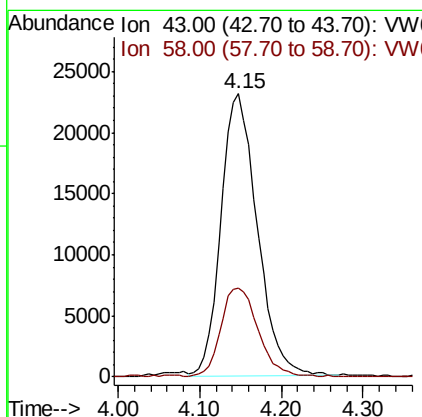
RT: 4.15 min Scan# 368

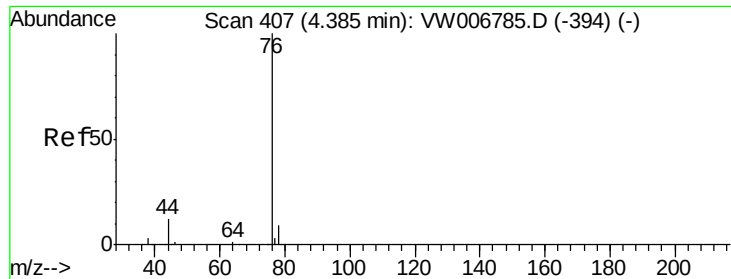
Delta R.T. -0.01 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

Tgt Ion:	43	Resp:	71014
Ion Ratio	Lower	Upper	
43	100		
58	31.7	25.8	38.8





#17

Carbon Disulfide

Concen: 49.135 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.01 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 362361

Ion Ratio Lower Upper

76 100

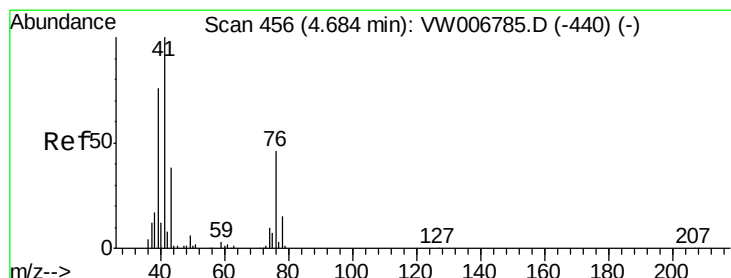
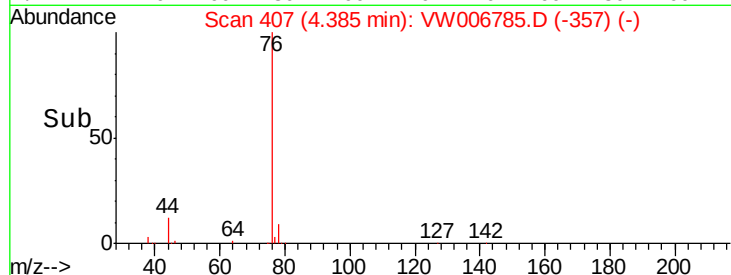
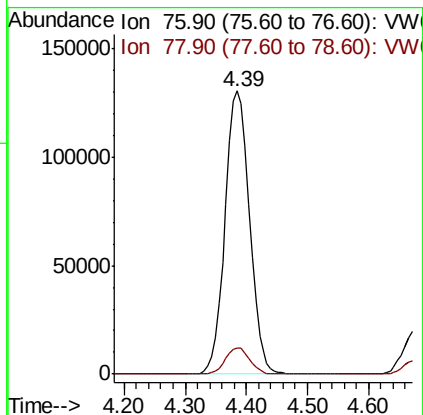
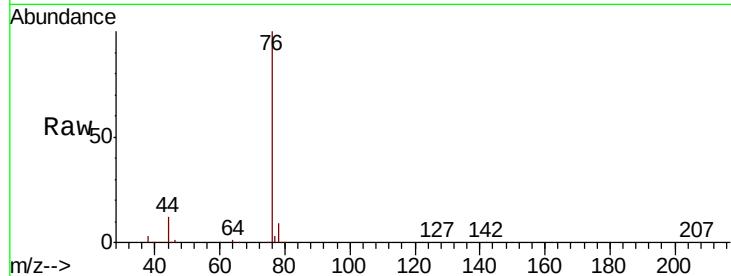
78 9.2 7.3 10.9

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#18

Methyl Acetate

Concen: 39.817 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW006785.D

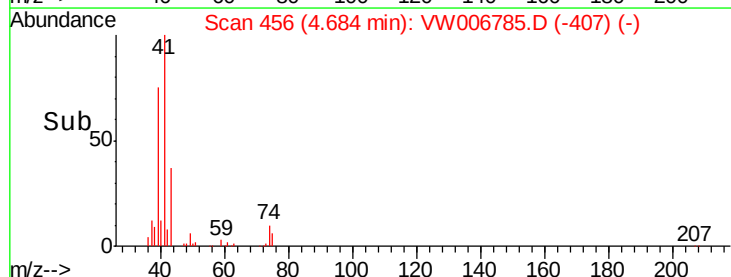
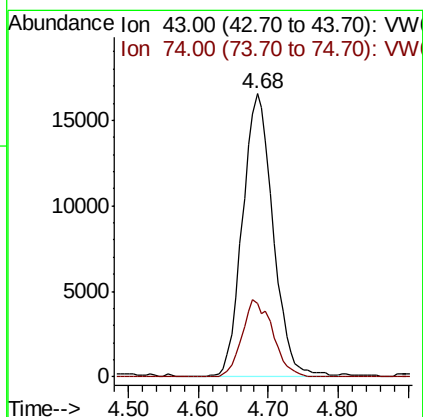
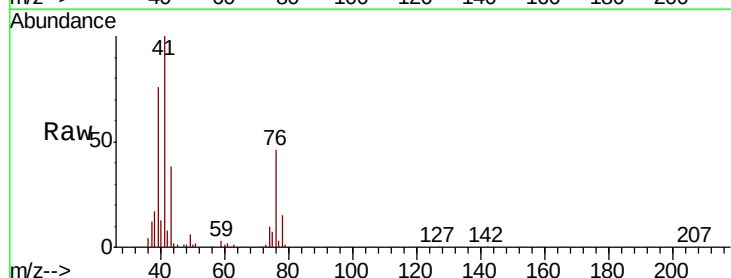
Acq: 09 Nov 2018 13:32

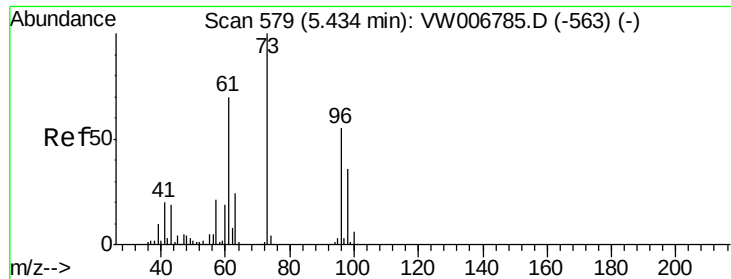
Tgt Ion: 43 Resp: 50485

Ion Ratio Lower Upper

43 100

74 27.3 21.9 32.9





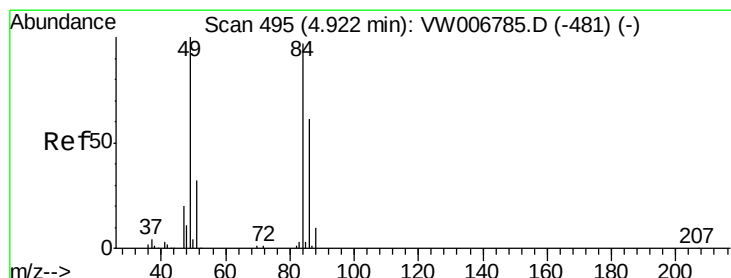
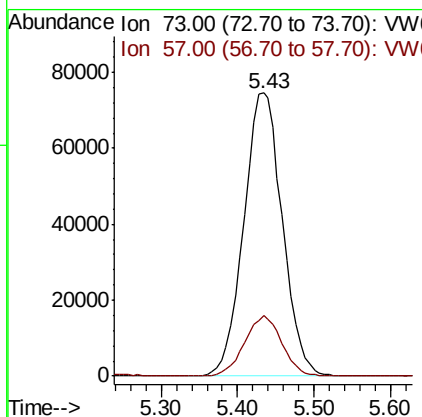
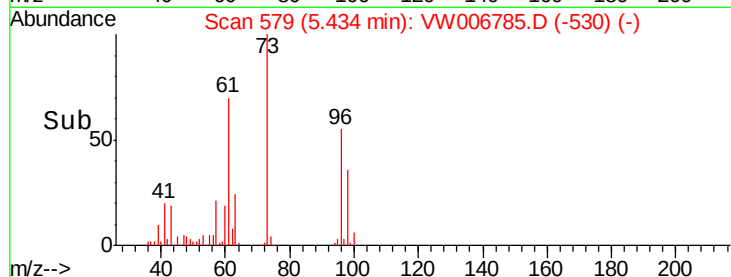
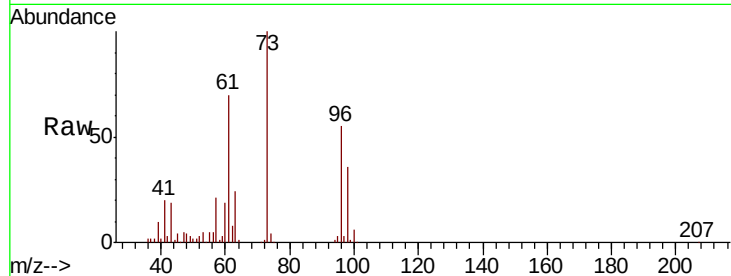
#19
Methyl tert-butyl Ether
Concen: 67.742 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 73 Resp: 261319
Ion Ratio Lower Upper
73 100
57 21.3 16.7 25.1

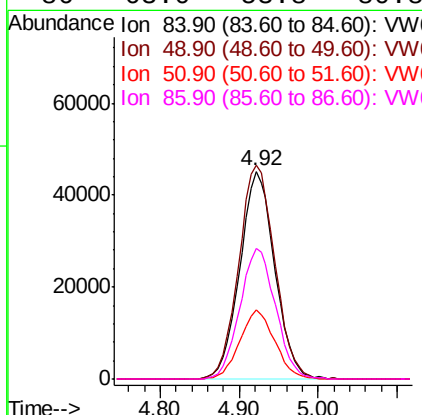
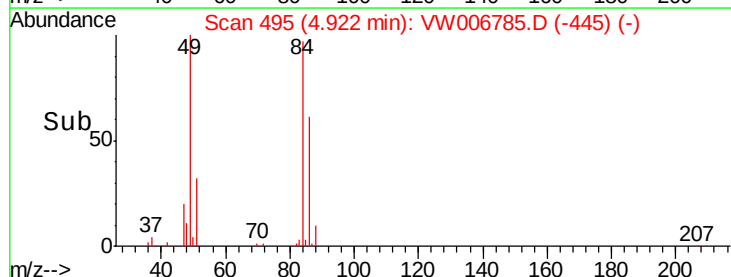
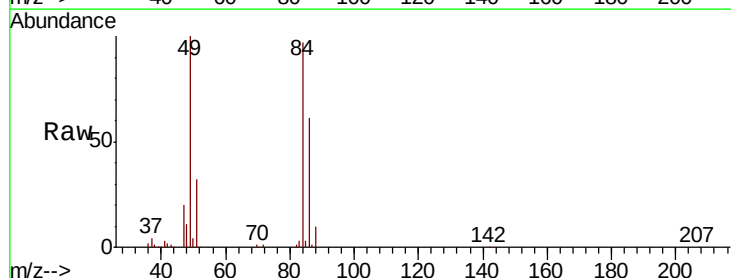
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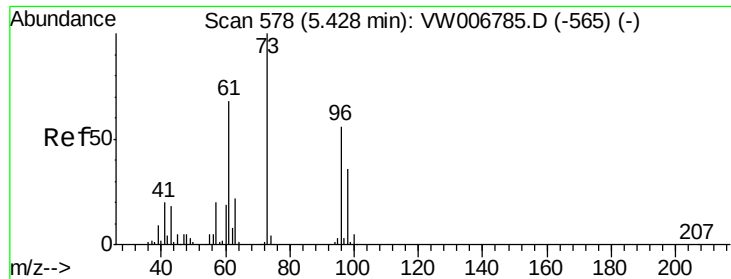
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#20
Methylene Chloride
Concen: 40.485 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Tgt Ion: 84 Resp: 138994
Ion Ratio Lower Upper
84 100
49 103.0 88.2 132.4
51 33.4 27.0 40.6
86 63.0 53.8 80.8





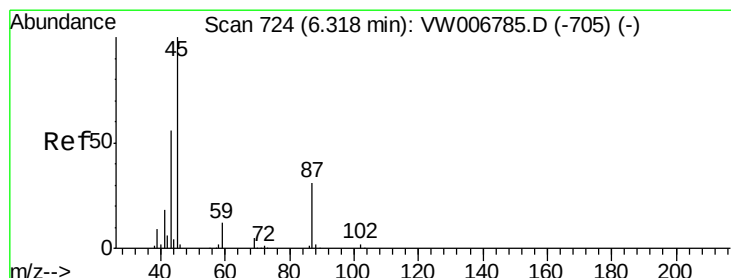
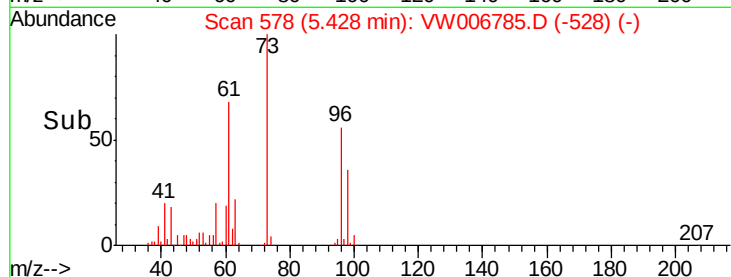
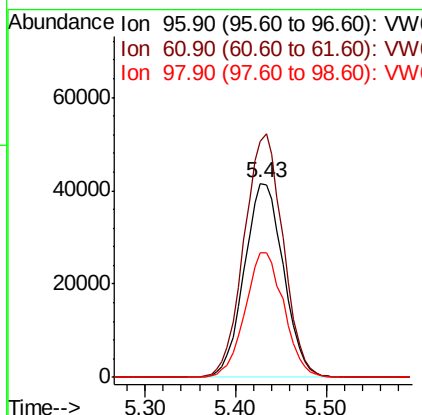
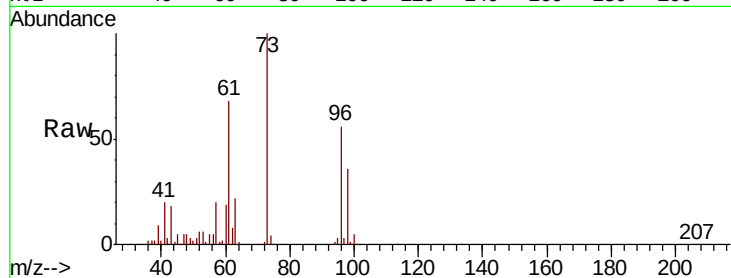
#21
trans-1,2-Dichloroethene
Concen: 42.490 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	122.0	100.6	150.8
98	64.5	52.9	79.3

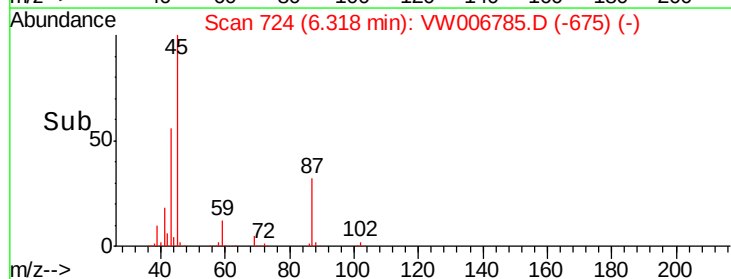
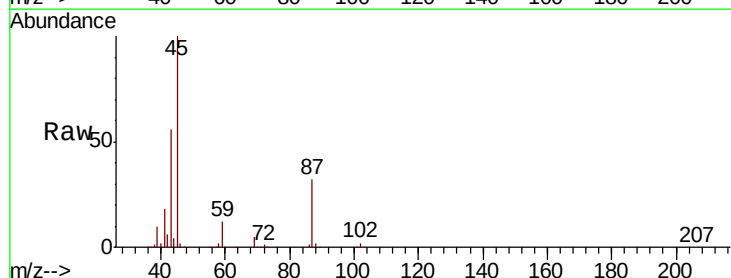
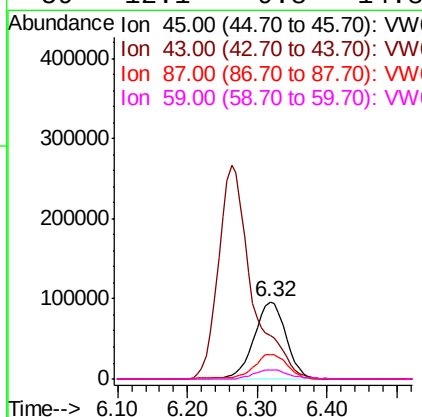
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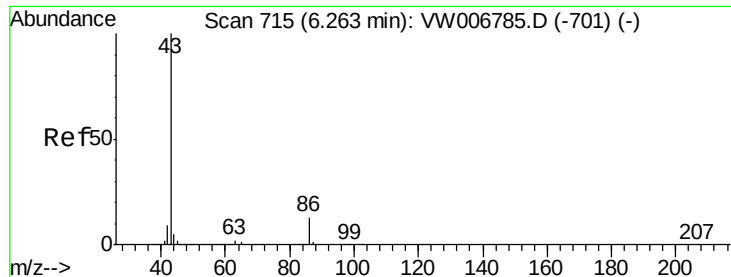
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#22
Diisopropyl ether
Concen: 43.533 ug/l
RT: 6.32 min Scan# 724
Delta R.T. 0.00 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Tgt Ion	Ratio	Lower	Upper
45	100		
43	55.7	43.6	65.4
87	31.9	26.3	39.5
59	12.1	9.8	14.8





#23

Vinyl Acetate

Concen: 225.632 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 882425

Ion Ratio Lower Upper

43 100

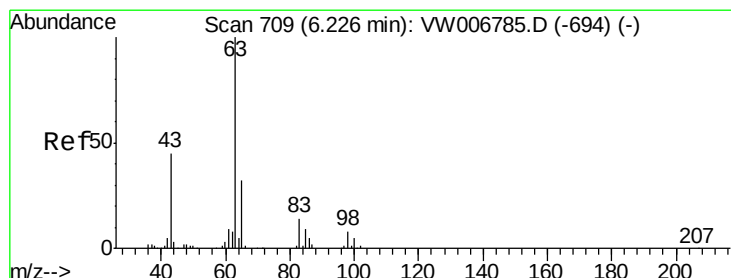
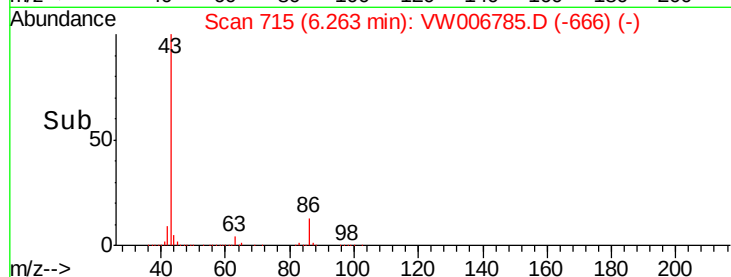
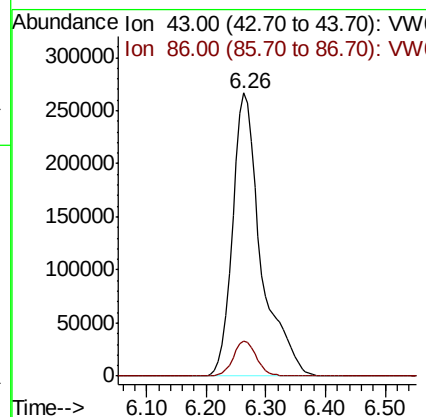
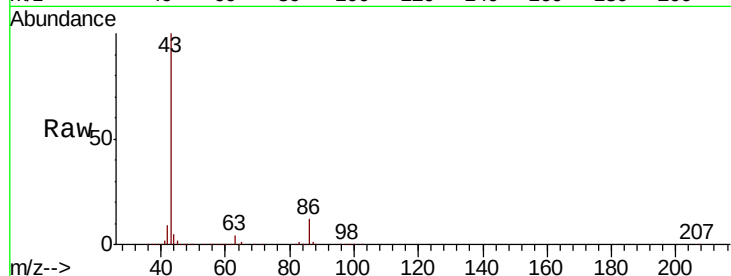
86 12.5 9.8 14.8

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#24

1,1-Dichloroethane

Concen: 41.050 ug/l

RT: 6.23 min Scan# 709

Delta R.T. 0.01 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

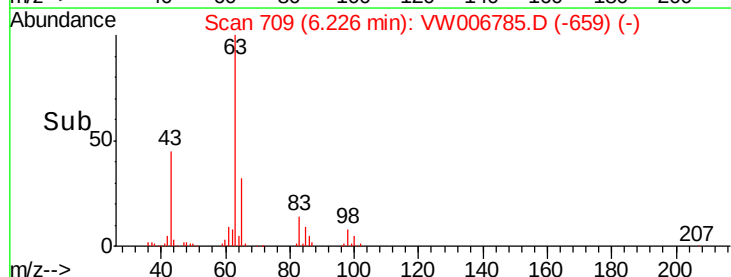
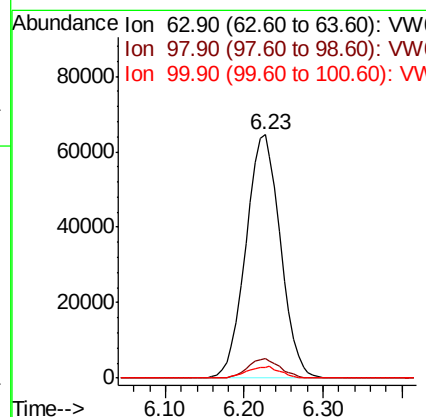
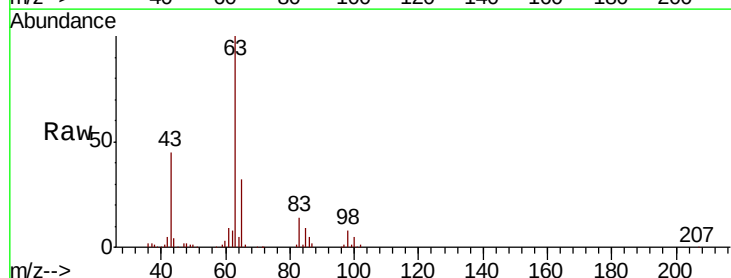
Tgt Ion: 63 Resp: 196205

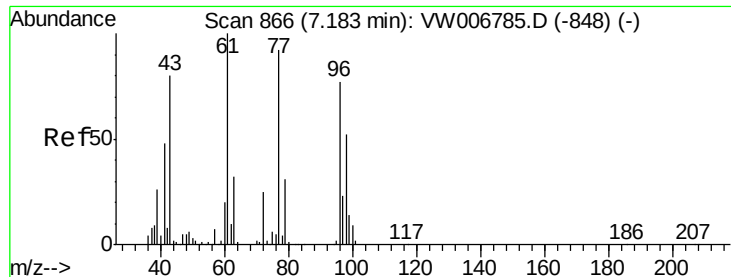
Ion Ratio Lower Upper

63 100

98 8.1 3.8 11.4

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 203.944 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 128321

Ion Ratio Lower Upper

43 100

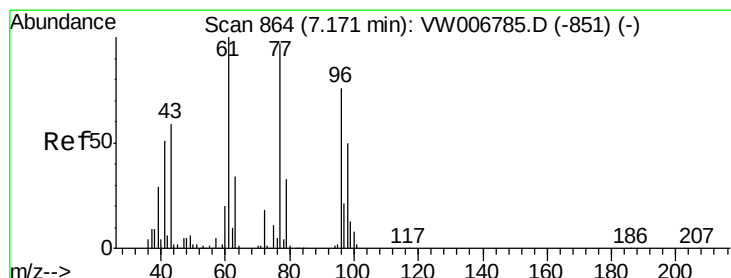
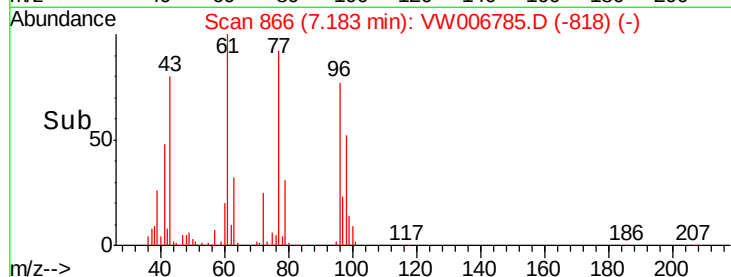
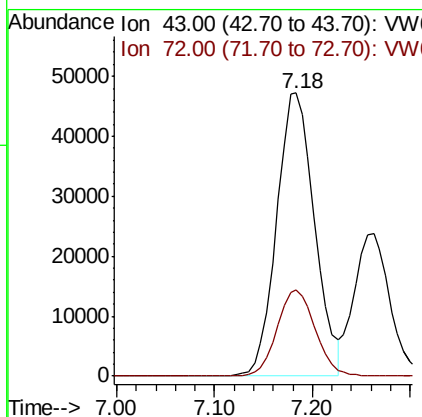
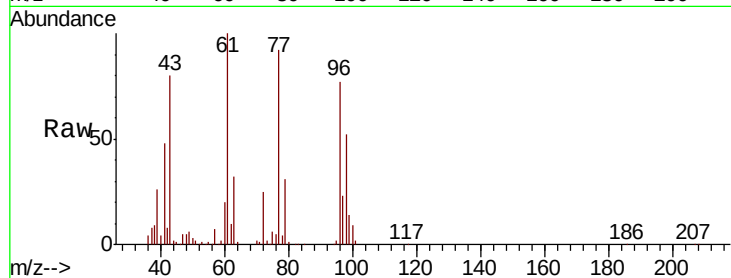
72 30.6 23.2 34.8

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#26

2,2-Dichloropropane

Concen: 63.283 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006785.D

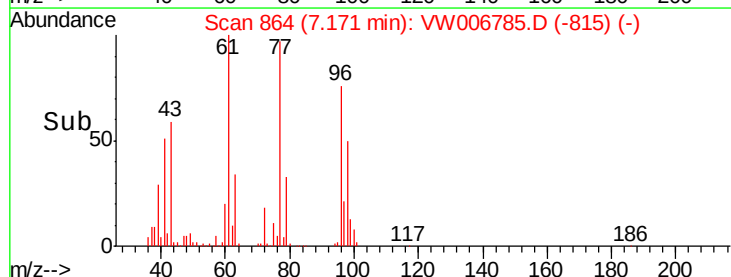
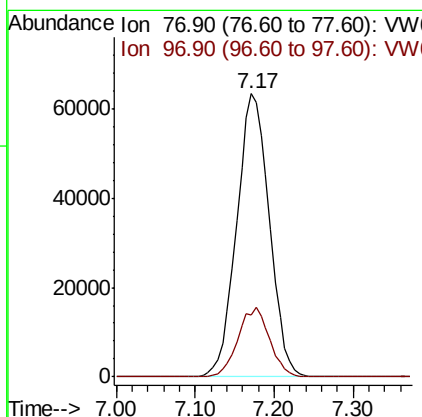
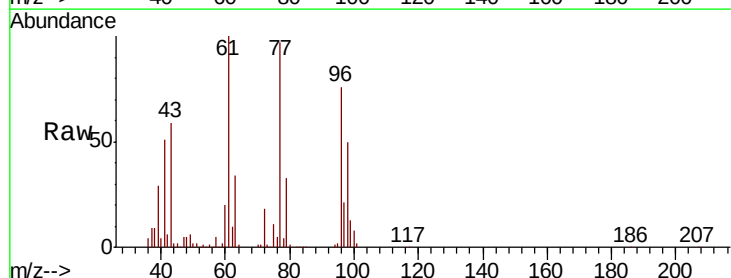
Acq: 09 Nov 2018 13:32

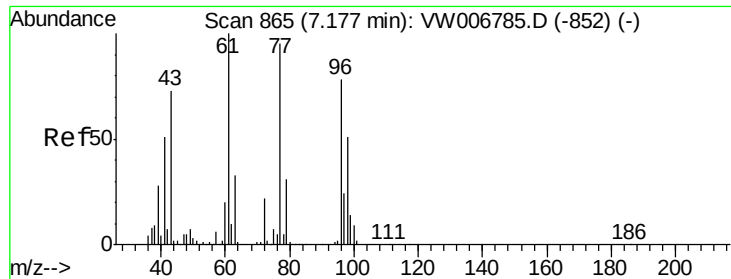
Tgt Ion: 77 Resp: 182204

Ion Ratio Lower Upper

77 100

97 23.7 12.8 38.4





#27

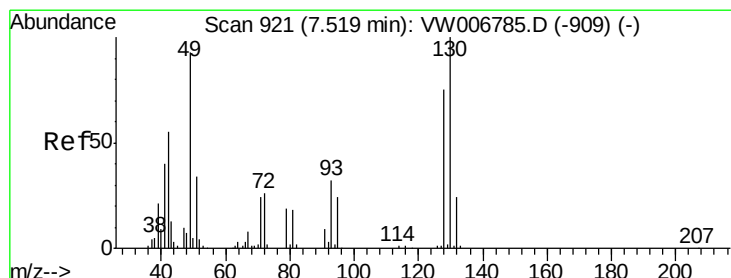
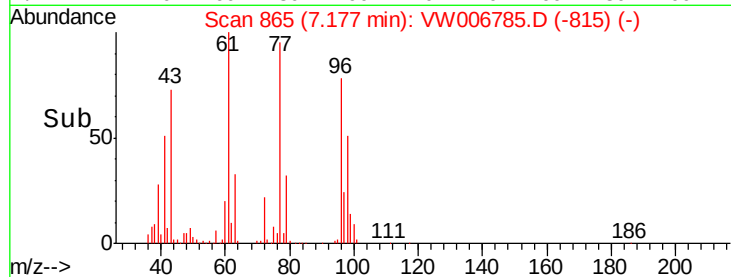
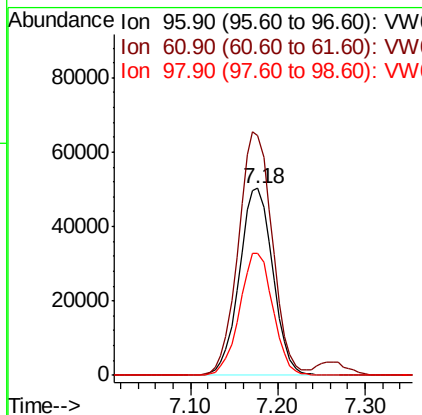
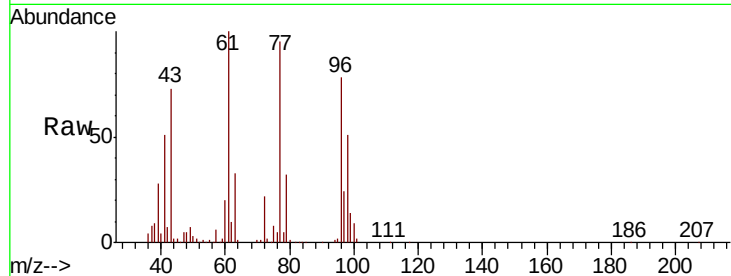
cis-1,2-Dichloroethene
Concen: 40.736 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	133645		
61	132.2	0.0	254.2	
98	65.0	0.0	129.6	

Manual Integrations
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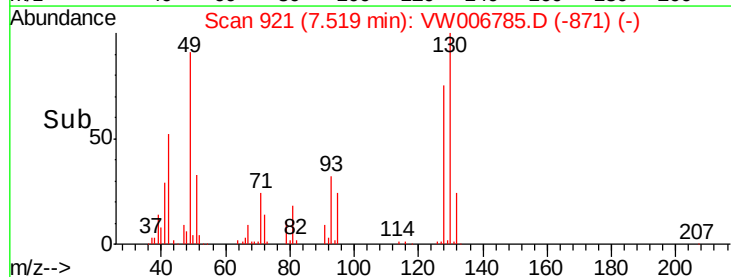
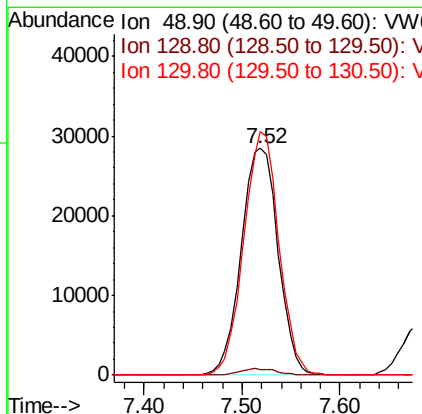
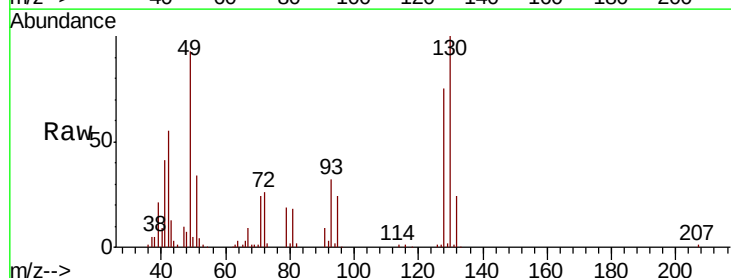
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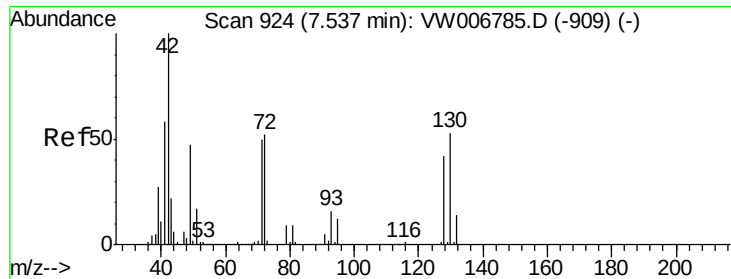


#28

Bromochloromethane
Concen: 39.279 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.01 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	74548		
129	2.8	0.0	5.6	
130	101.9	82.2	123.2	





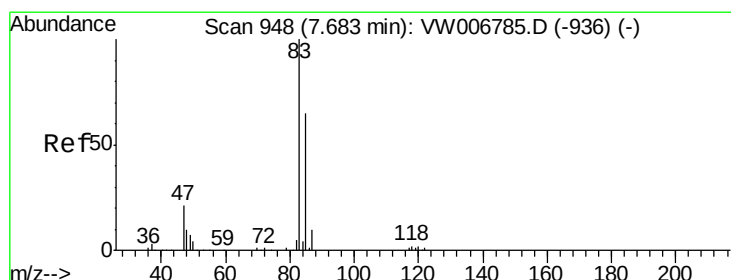
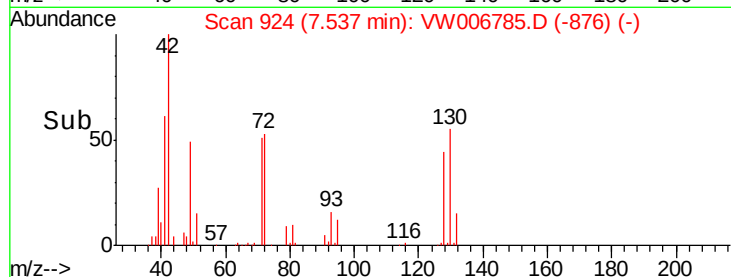
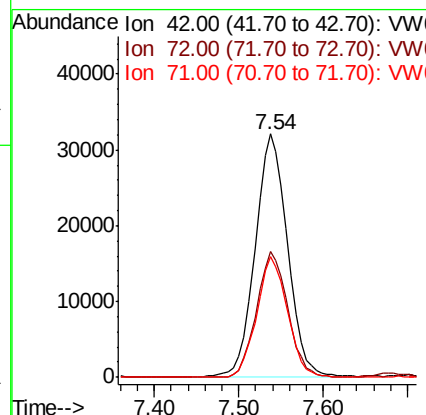
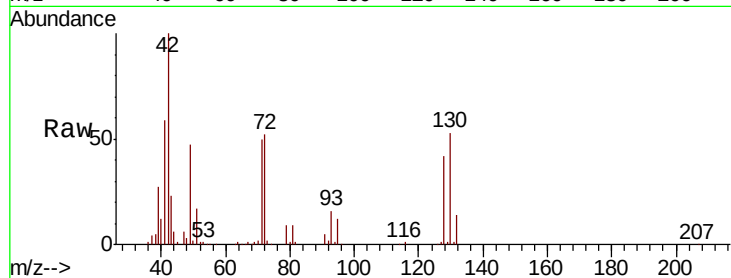
#29
Tetrahydrofuran
Concen: 213.838 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.8	39.2	58.8
71	47.2	37.6	56.4

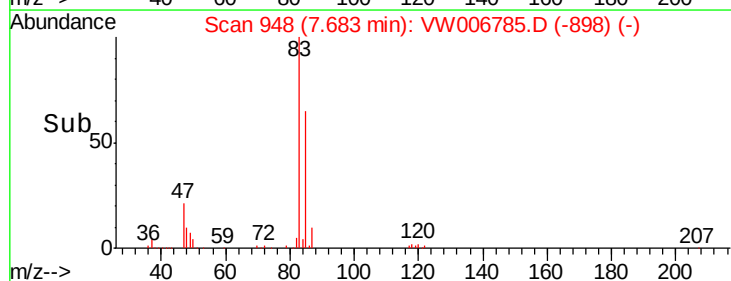
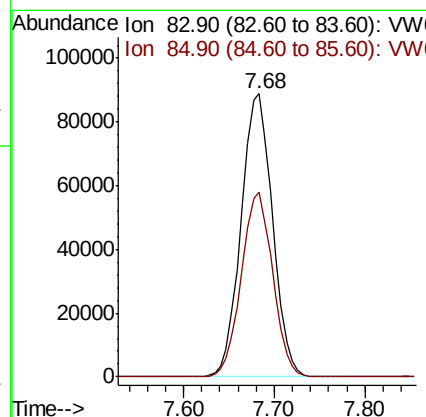
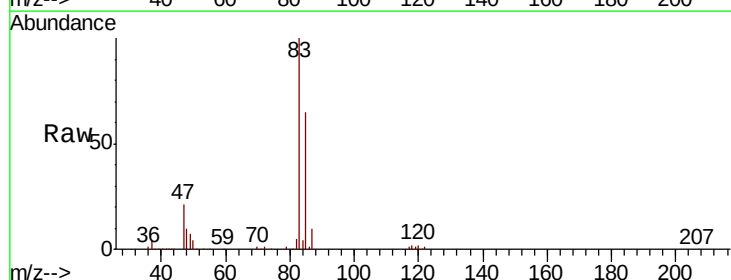
Manual Integrations
APPROVED

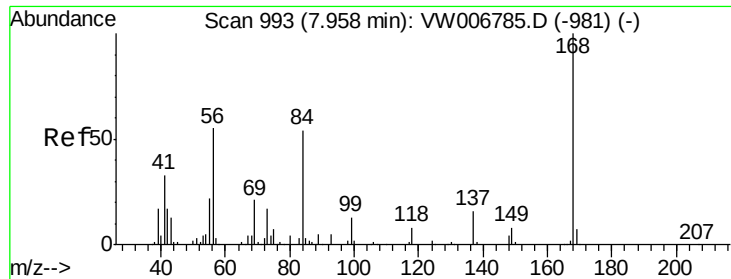
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#30
Chloroform
Concen: 40.776 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.3	76.9





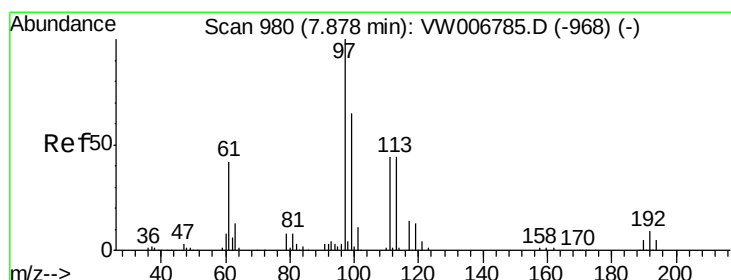
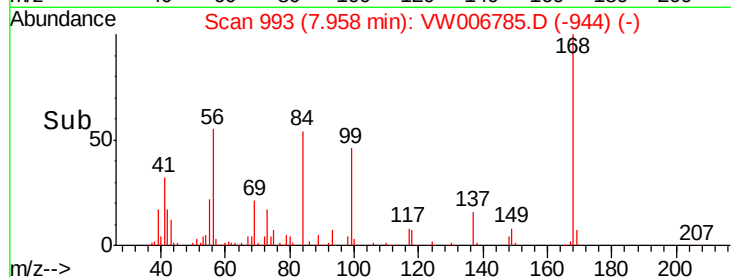
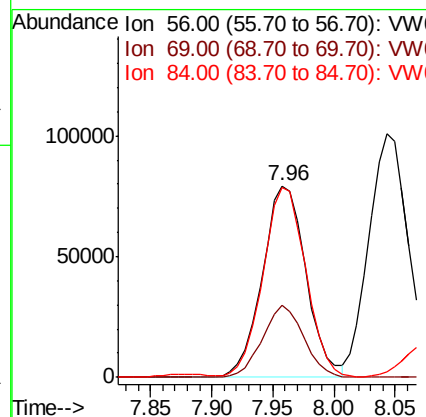
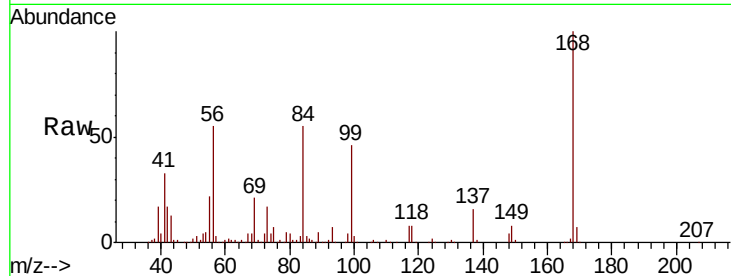
#31
Cyclohexane
Concen: 45.297 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.9	29.0	43.4
84	97.7	77.8	116.6

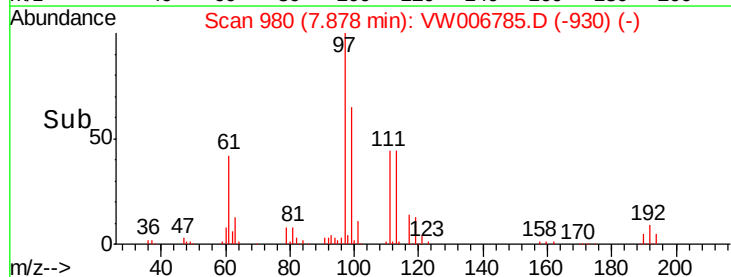
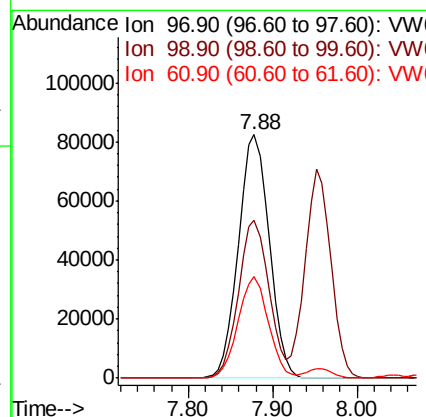
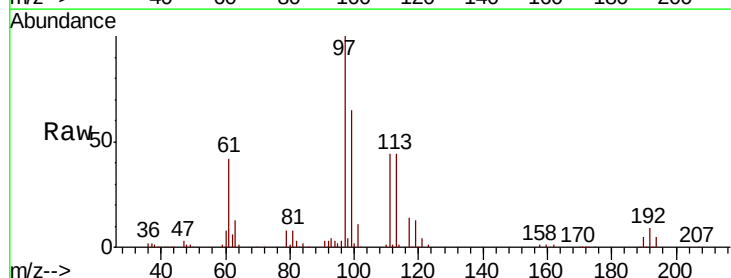
Manual Integrations
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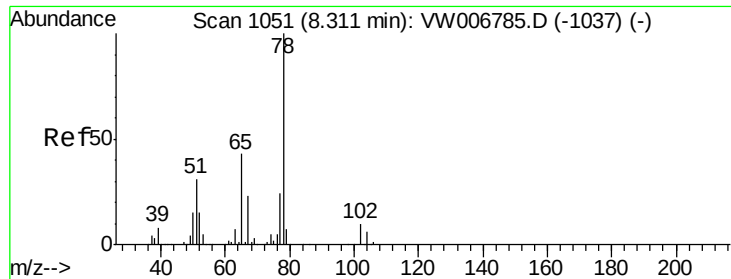
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#32
1,1,1-Trichloroethane
Concen: 45.985 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.01 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.7	77.5
61	40.9	32.9	49.3





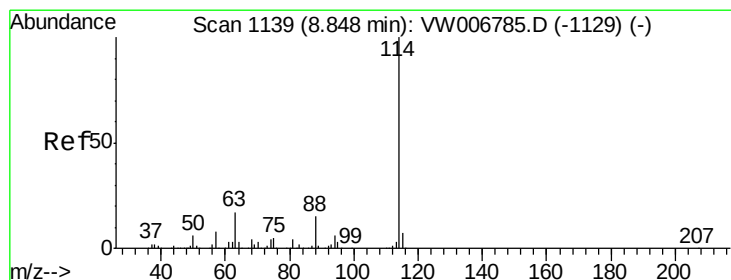
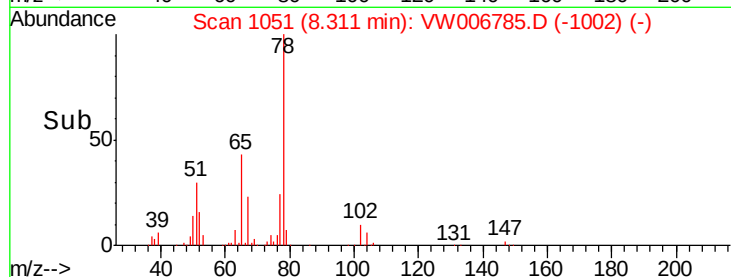
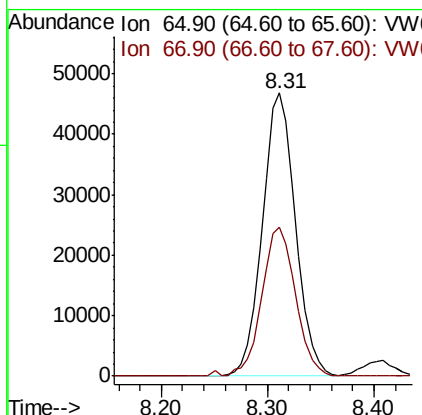
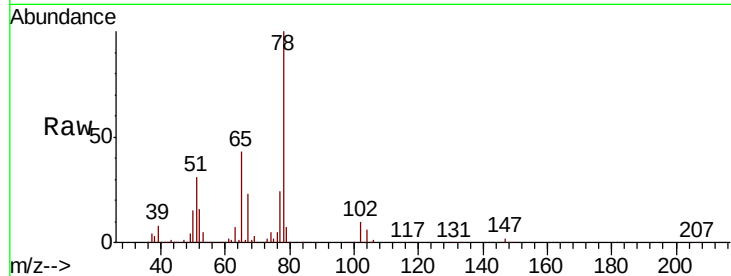
#33
 1,2-Dichloroethane-d4
 Concen: 37.232 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006785.D
 Acq: 09 Nov 2018 13:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.6	0.0	104.4	

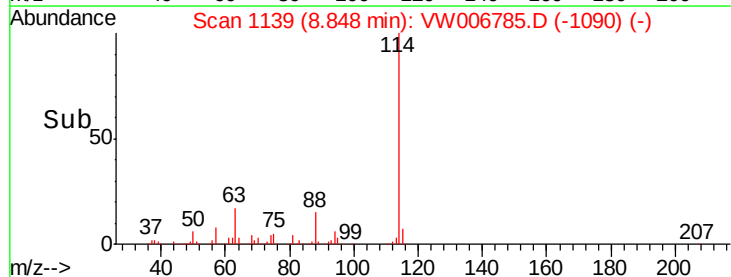
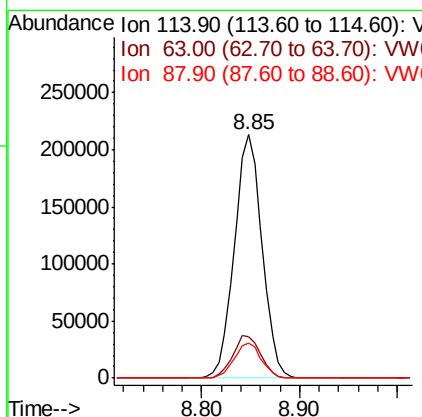
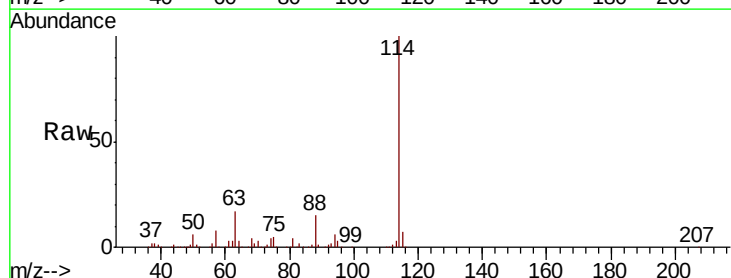
Manual Integrations
 APPROVED

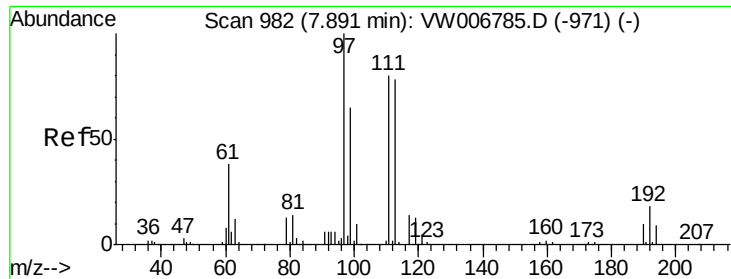
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006785.D
 Acq: 09 Nov 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.0	0.0	34.4	
88	14.6	0.0	29.0	





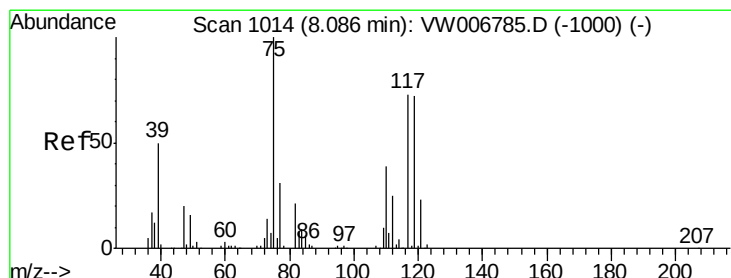
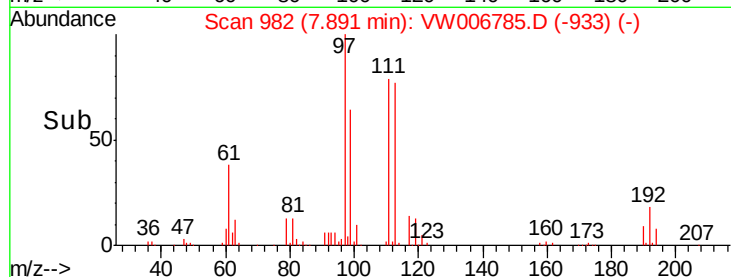
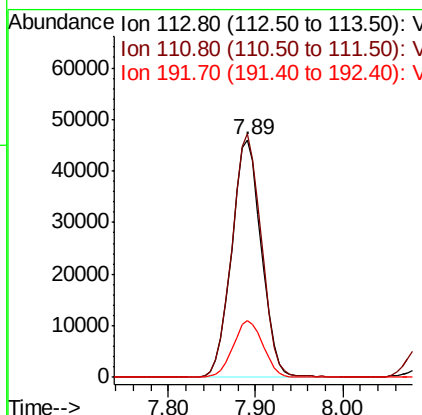
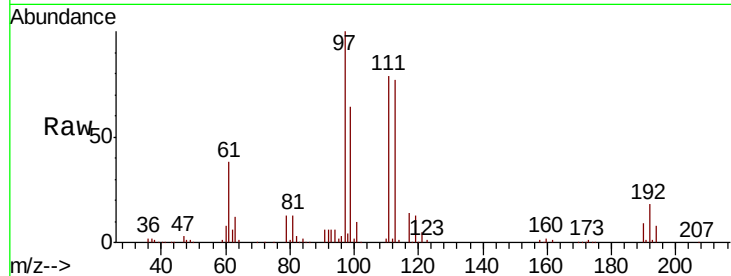
#35
 Dibromofluoromethane
 Concen: 41.543 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006785.D
 Acq: 09 Nov 2018 13:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	108680		
111	101.8	82.2	123.2	
192	23.9	19.0	28.6	

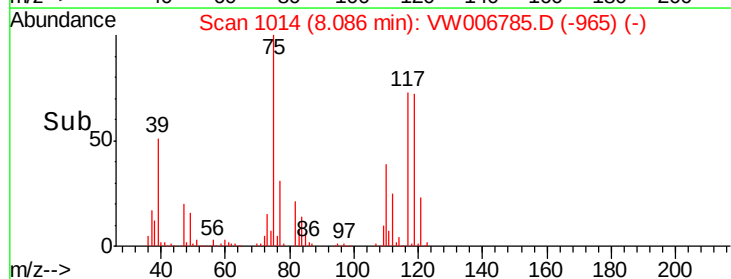
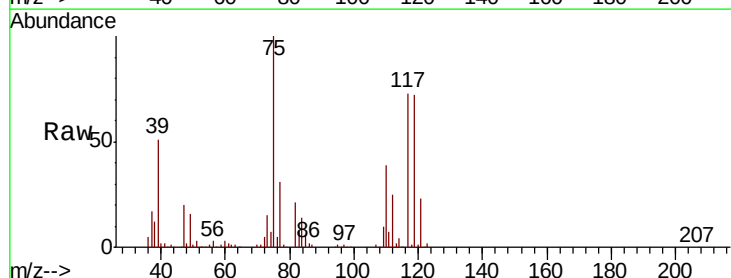
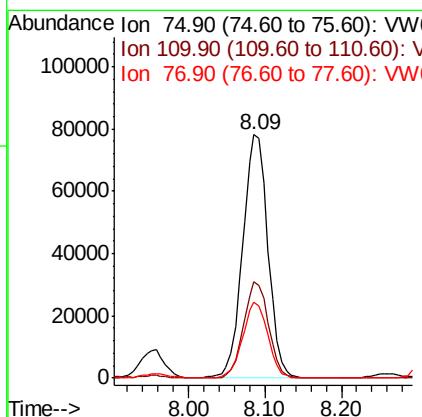
Manual Integrations
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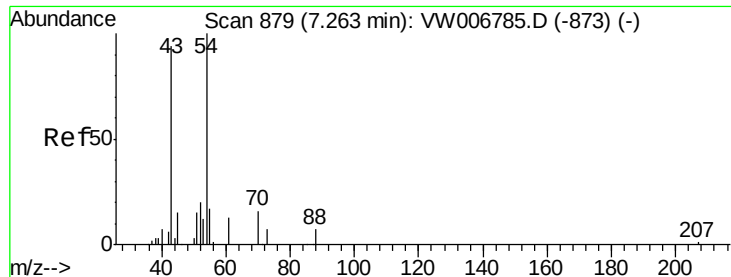
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#36
 1,1-Dichloropropene
 Concen: 48.749 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW006785.D
 Acq: 09 Nov 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	178706		
110	39.1	19.5	58.5	
77	31.1	24.6	37.0	





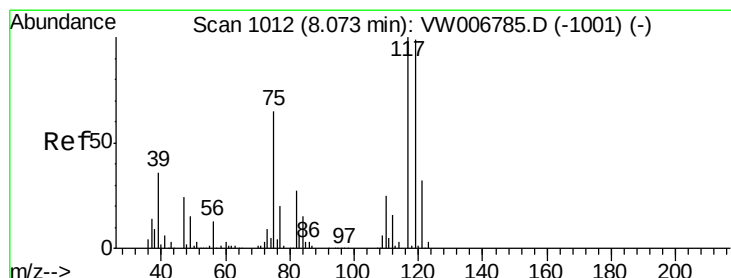
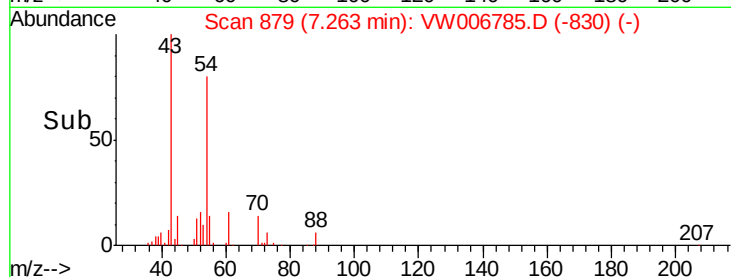
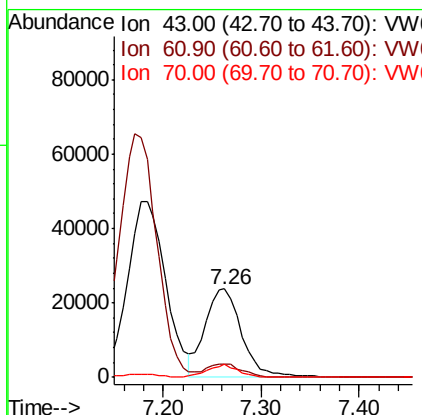
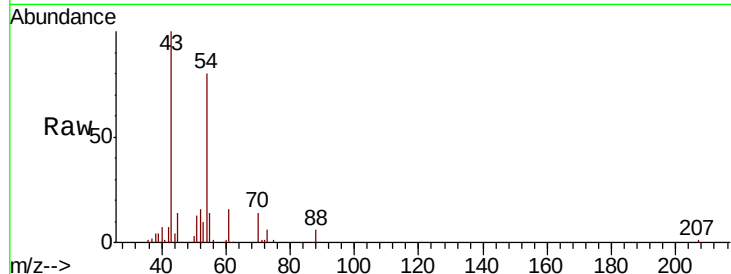
#37
Ethyl Acetate
Concen: 48.319 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	12.1	18.1
70	12.3	9.8	14.6

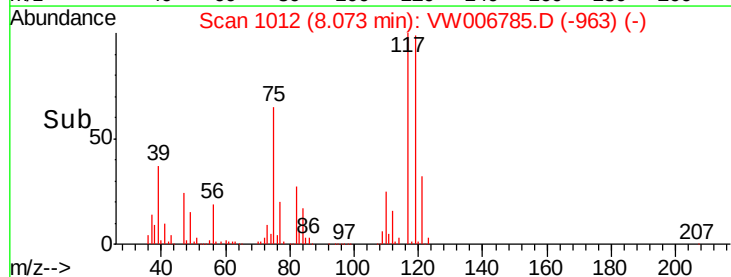
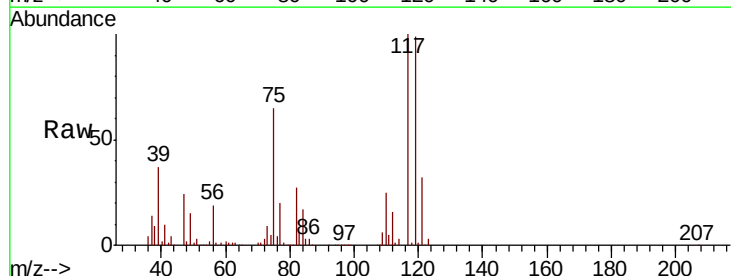
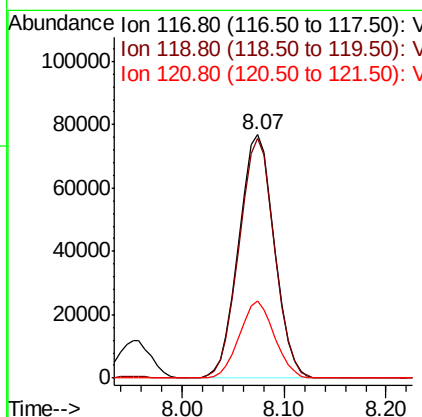
Manual Integrations
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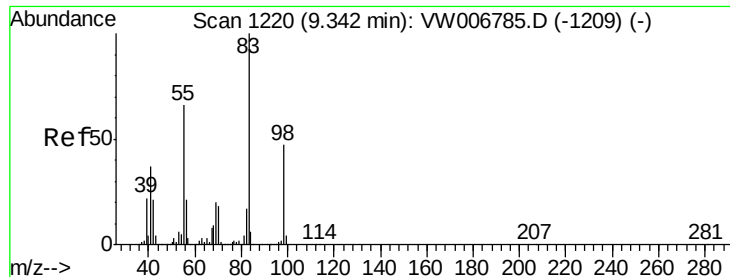
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#38
Carbon Tetrachloride
Concen: 48.709 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.6	76.3	114.5
121	31.6	24.1	36.1





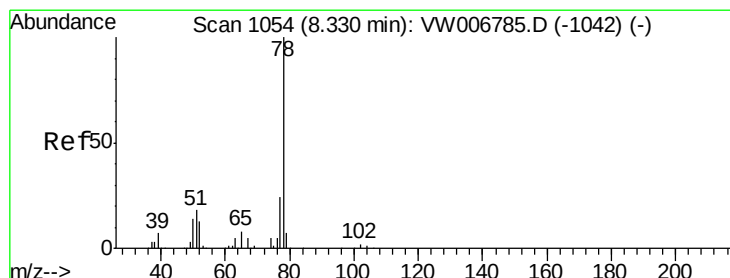
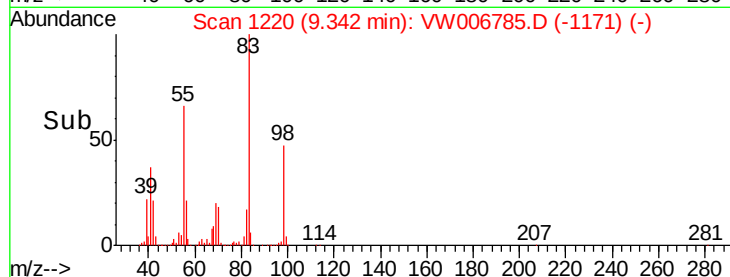
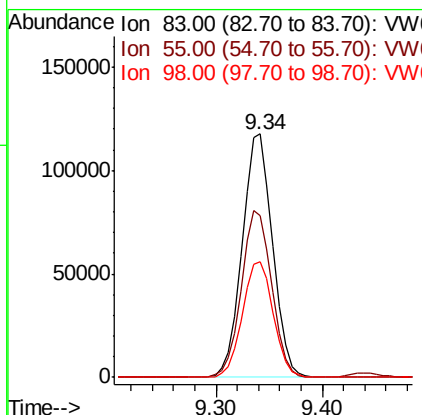
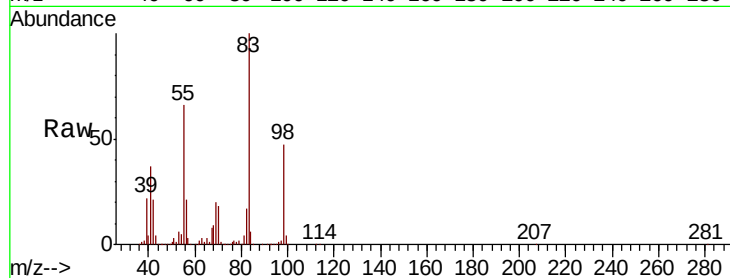
#39
Methylvlcyclohexane
Concen: 50.722 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	66.2	53.7	80.5
98	47.4	39.2	58.8

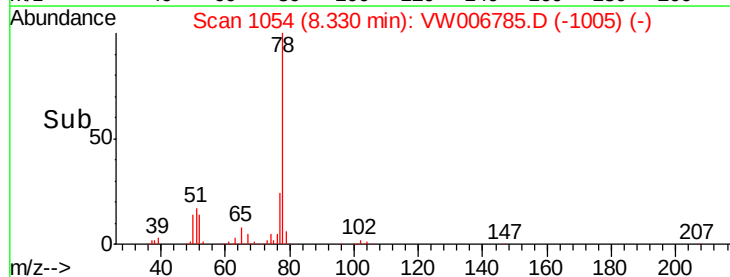
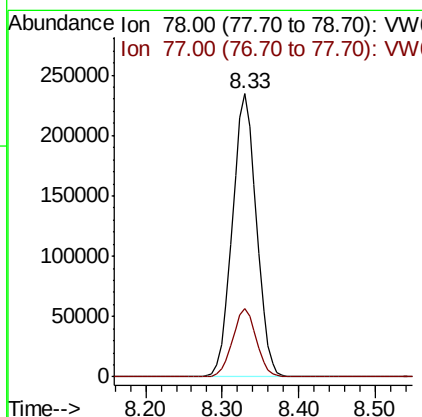
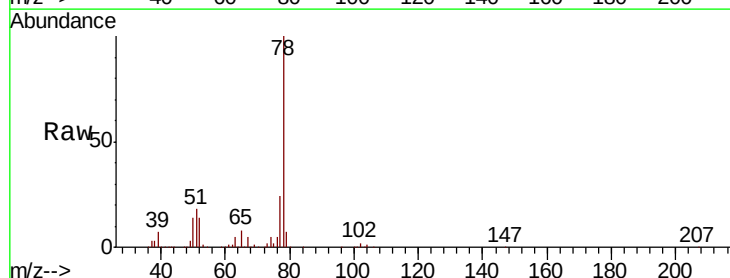
Manual Integrations
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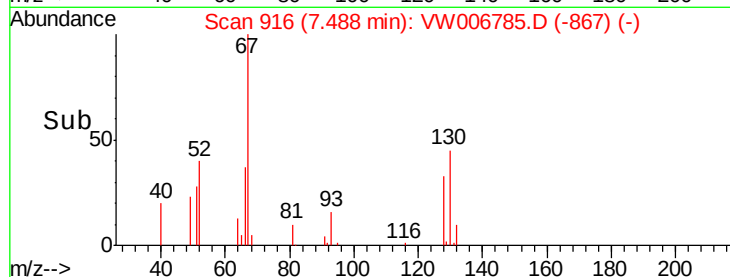
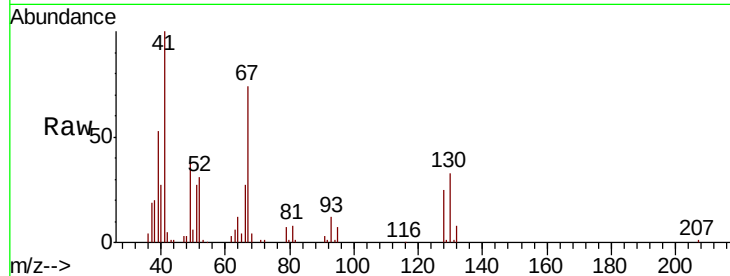
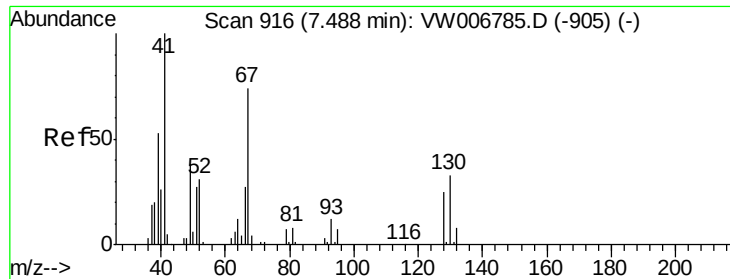
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#40
Benzene
Concen: 48.976 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.2	28.8





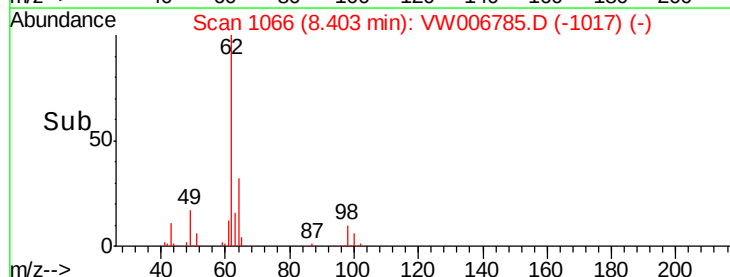
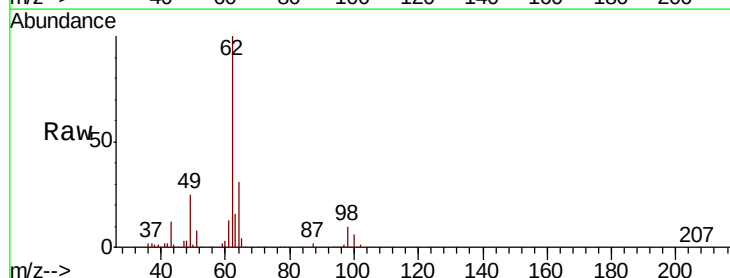
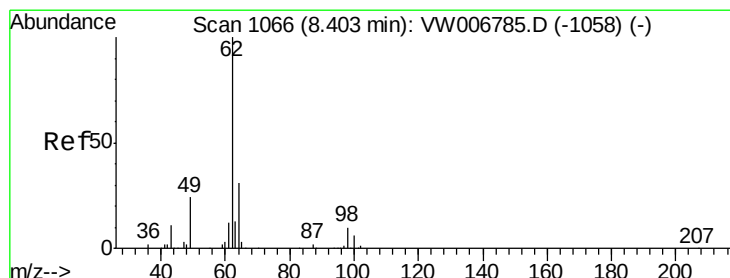
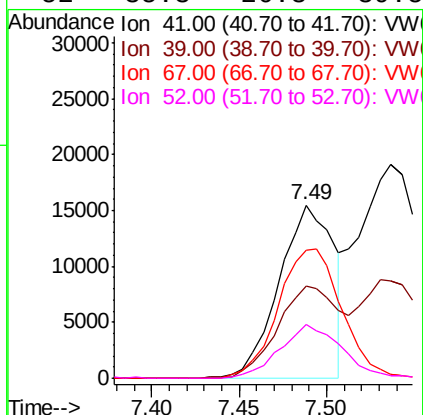
#41
Methacrylonitrile
Concen: 43.444 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	41	100	33842		
39	39	61.6		44.5	66.7
67	67	86.6		63.8	95.8
52	52	35.3		26.3	39.5

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

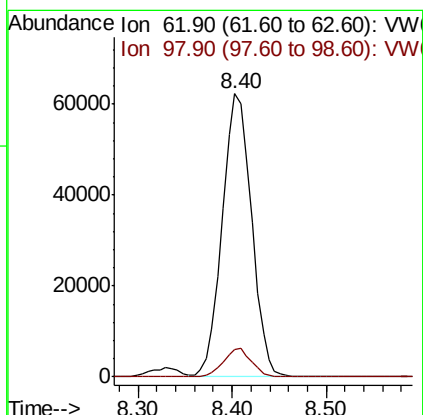
Manual Integrations
APPROVED

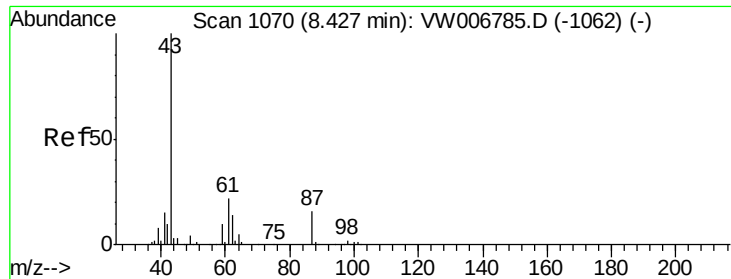
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#42
1,2-Dichloroethane
Concen: 45.175 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	62	100	134899		
98	98	9.7		0.0	19.8





#43

Isopropyl Acetate

Concen: 46.495 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

Instrument :

MSVOA_W

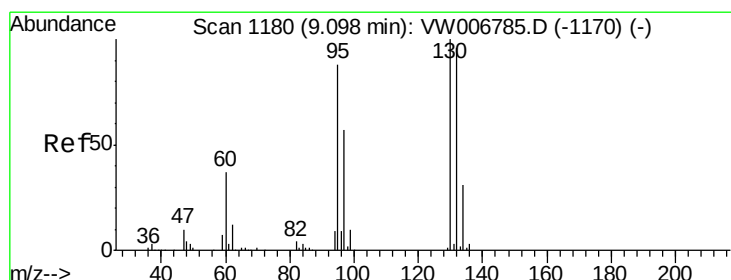
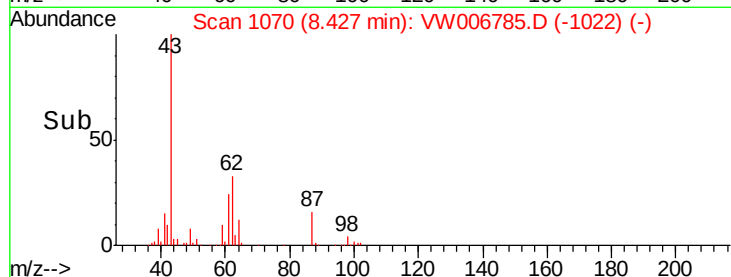
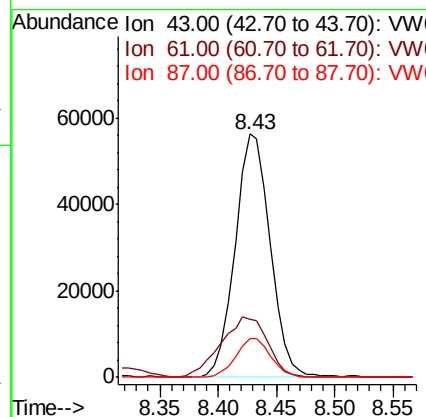
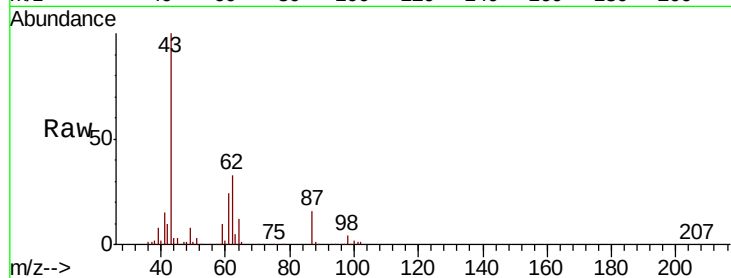
ClientSampleId :

VSTDICCC050

Tot Ion:	43	Resp:	117866
Ion	Ratio	Lower	Upper
43	100		
61	33.1	27.2	40.8
87	16.0	12.9	19.3

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#44

Trichloroethene

Concen: 48.151 ug/l

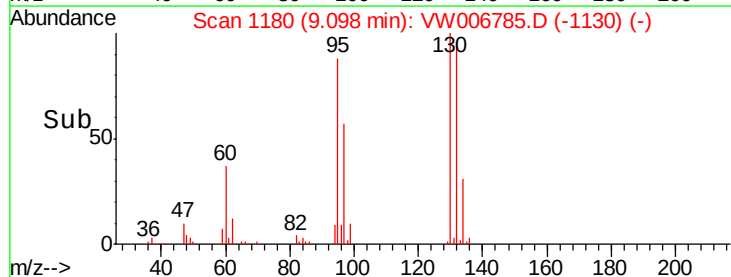
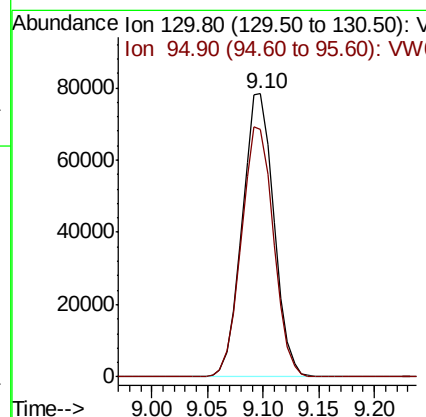
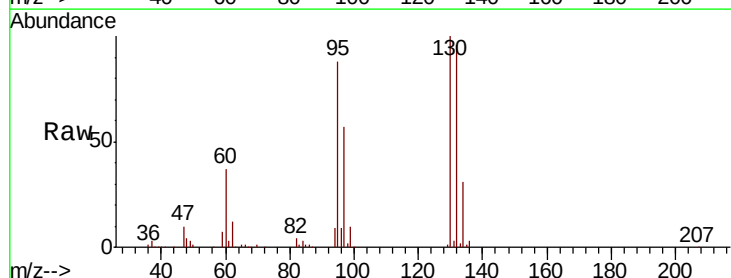
RT: 9.10 min Scan# 1180

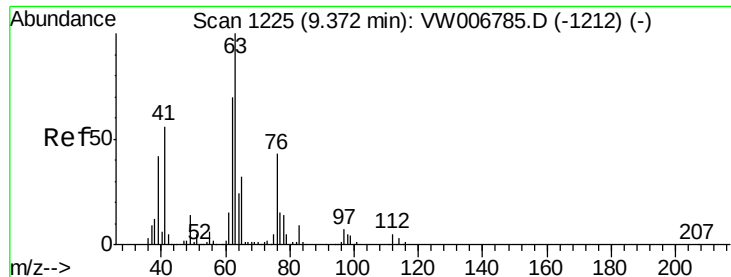
Delta R.T. 0.01 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

Tgt Ion:	130	Resp:	154715
Ion	Ratio	Lower	Upper
130	100		
95	87.5	0.0	179.2





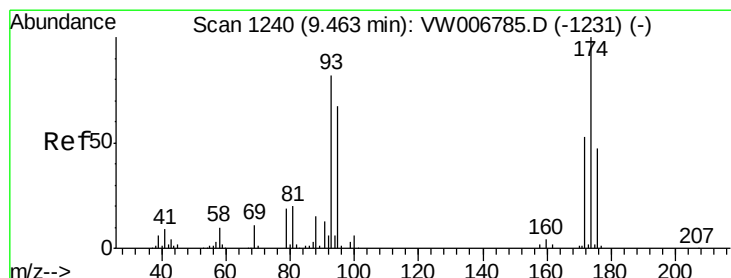
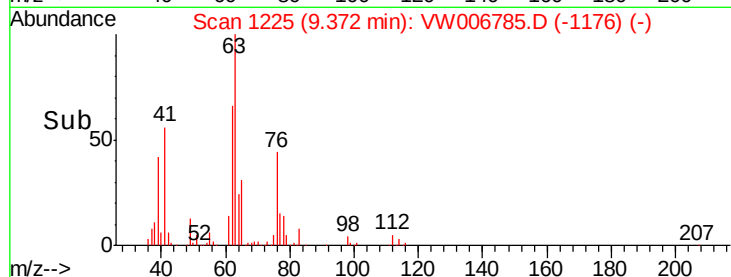
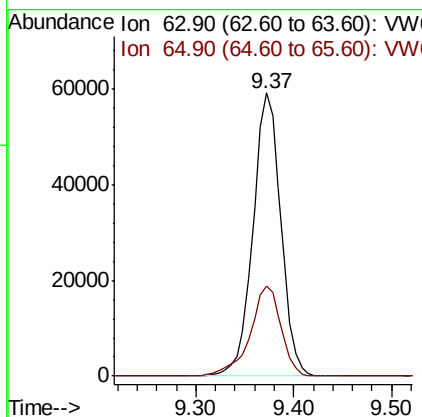
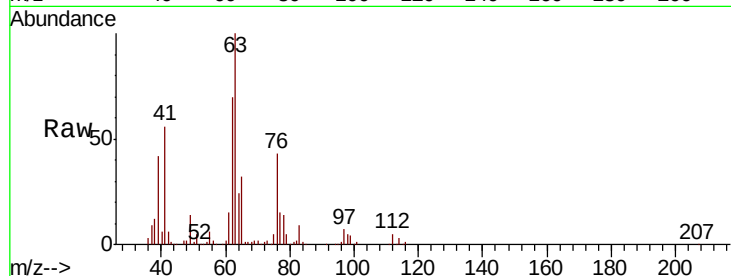
#45
 1,2-Dichloropropane
 Concen: 48.535 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006785.D
 Acq: 09 Nov 2018 13:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion: 63 Resp: 117607
 Ion Ratio Lower Upper
 63 100
 65 31.9 25.1 37.7

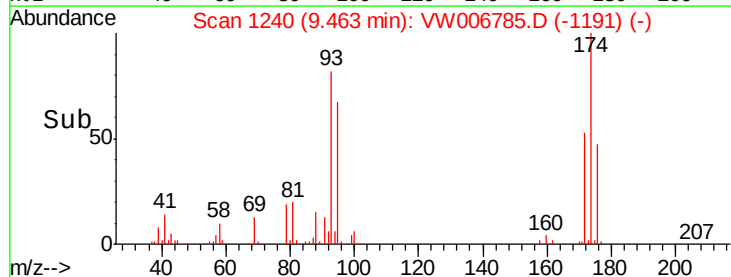
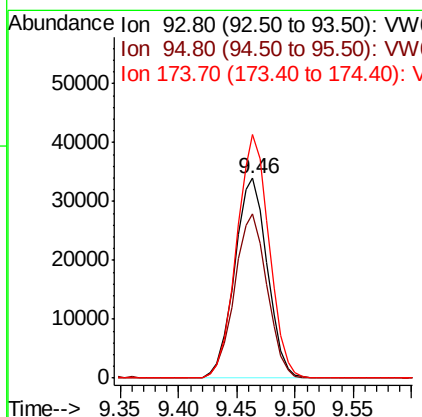
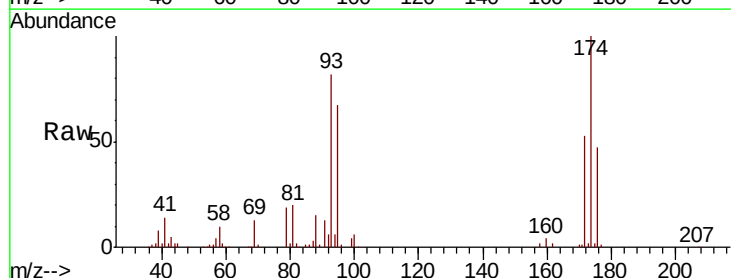
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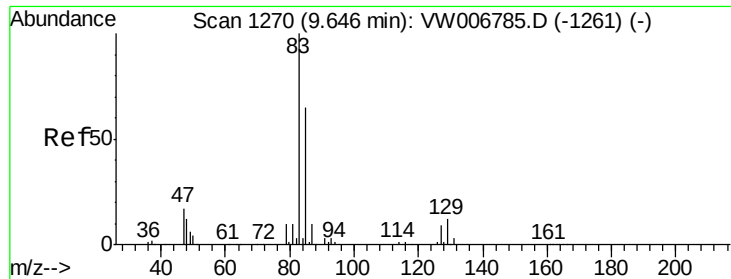
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#46
 Dibromomethane
 Concen: 46.747 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW006785.D
 Acq: 09 Nov 2018 13:32

Tgt Ion: 93 Resp: 66588
 Ion Ratio Lower Upper
 93 100
 95 81.7 67.2 100.8
 174 120.5 97.3 145.9





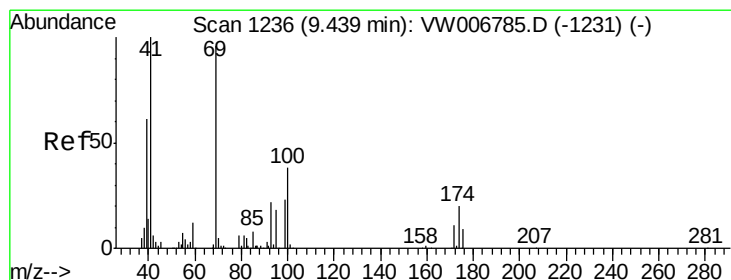
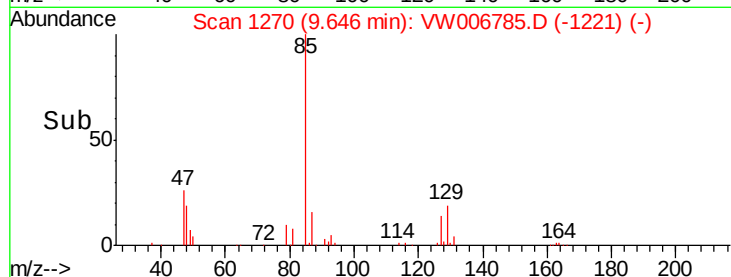
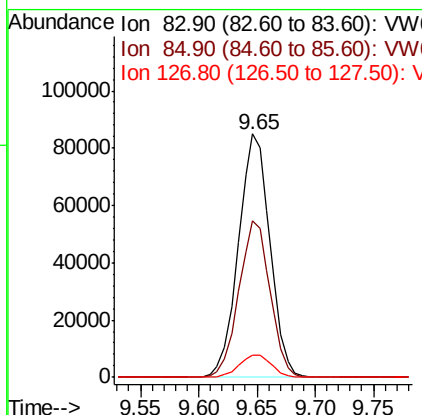
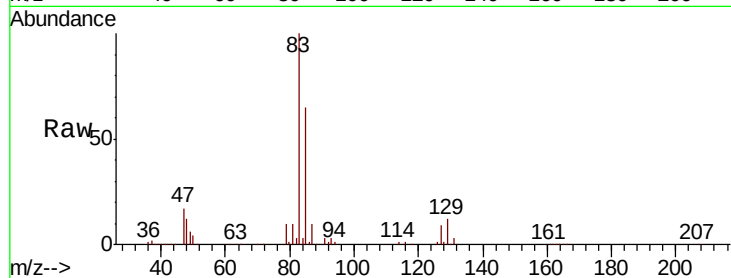
#47
 Bromodichloromethane
 Concen: 48.415 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW006785.D
 Acq: 09 Nov 2018 13:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	160126		
85	64.5	50.6	75.8	
127	9.3	7.5	11.3	

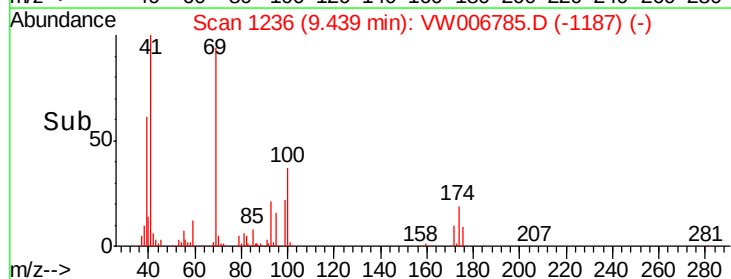
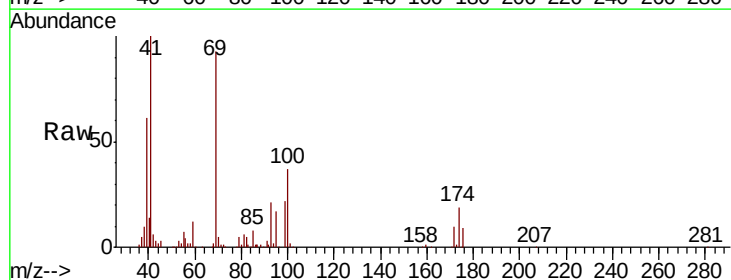
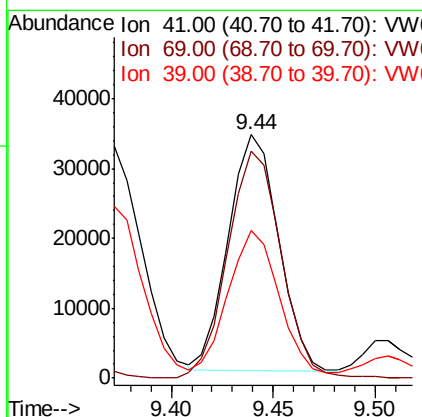
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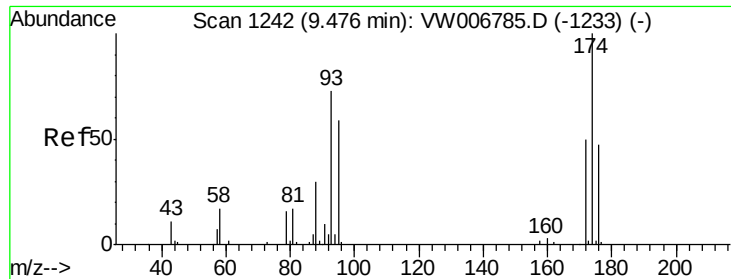
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#48
 Methyl methacrylate
 Concen: 47.350 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VW006785.D
 Acq: 09 Nov 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	57831		
69	101.9	77.8	116.8	
39	60.0	48.7	73.1	





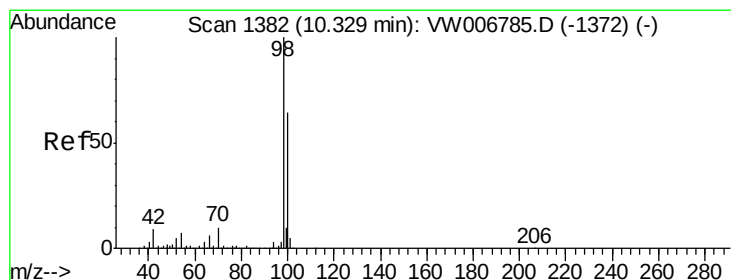
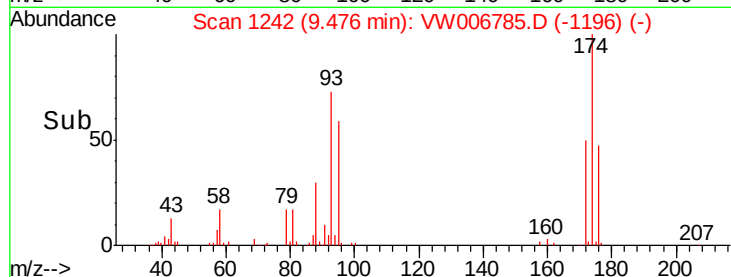
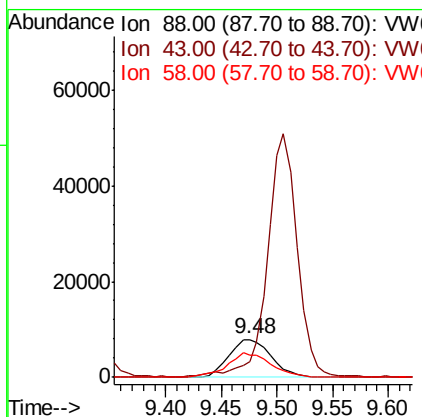
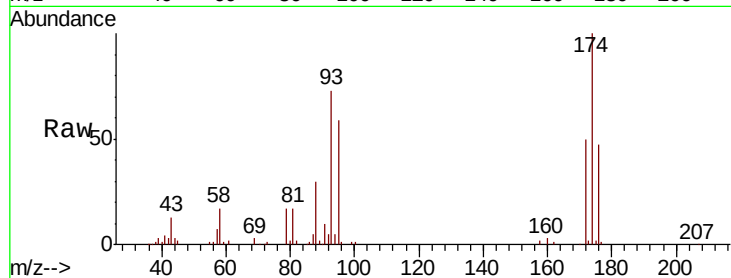
#49
1,4-Dioxane
Concen: 1002.918 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. -0.02 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	88	Resp	20907
Ion	Ratio	Lower	Upper
88	100		
43	0.0	356.6	534.8#
58	67.1	51.4	77.2

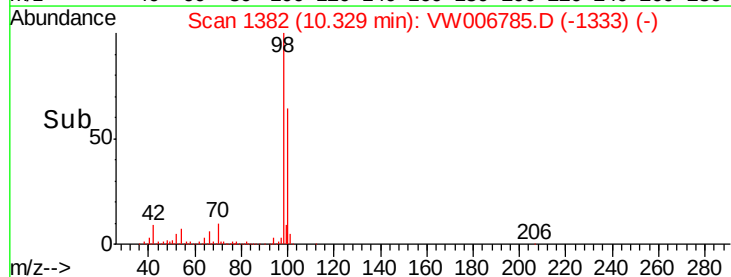
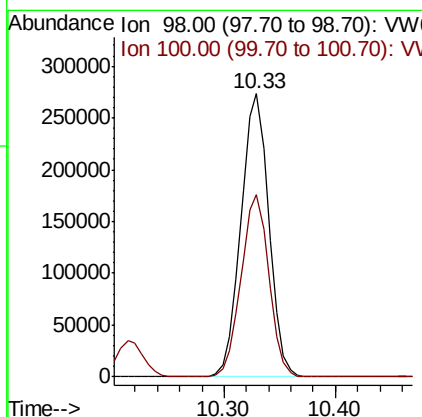
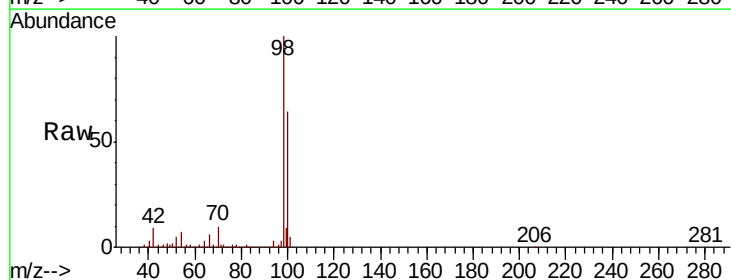
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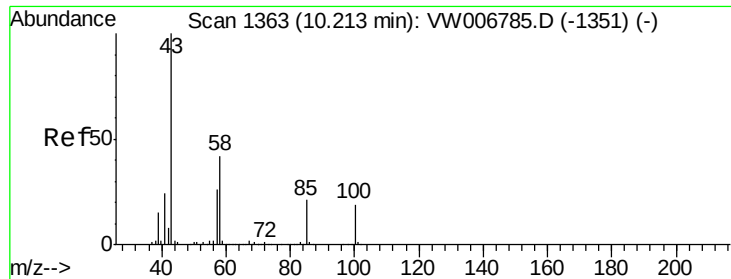
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#50
Toluene-d8
Concen: 47.568 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Tgt Ion	98	Resp	473728
Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.6	77.4





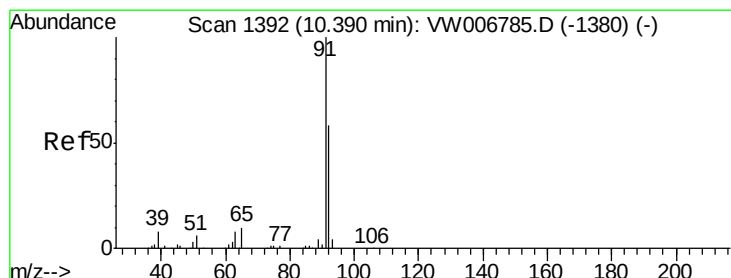
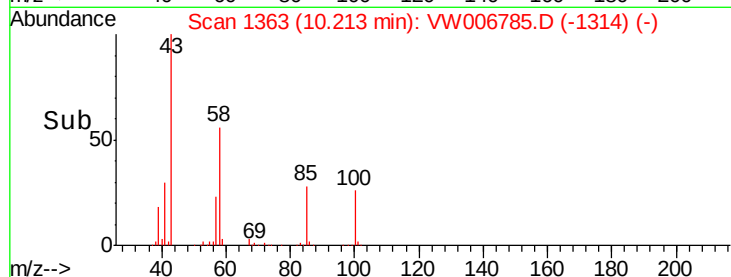
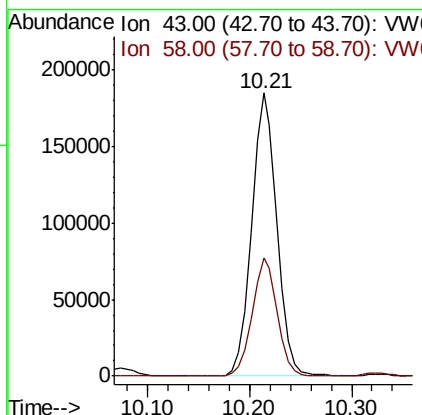
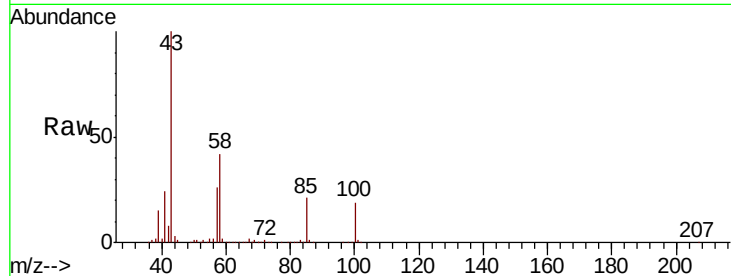
#51
 4-Methyl-2-Pentanone
 Concen: 243.216 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW006785.D
 Acq: 09 Nov 2018 13:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion: 43 Resp: 316652
 Ion Ratio Lower Upper
 43 100
 58 41.5 33.4 50.0

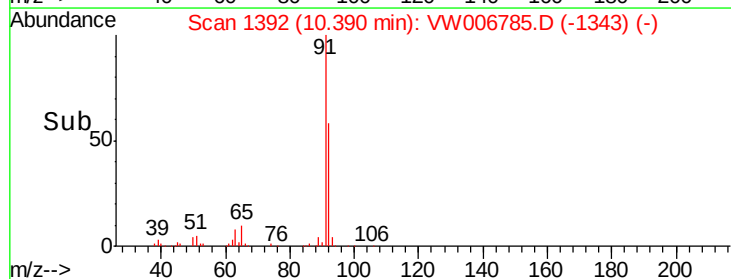
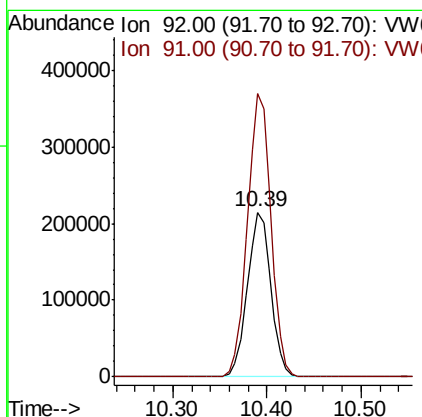
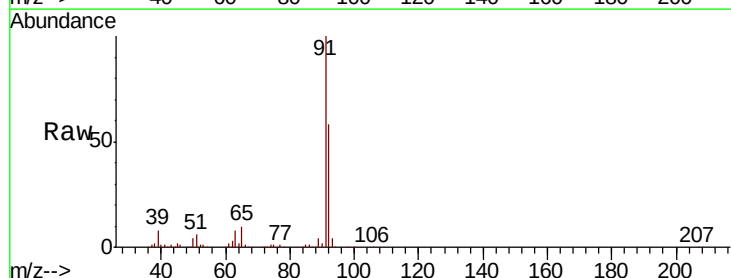
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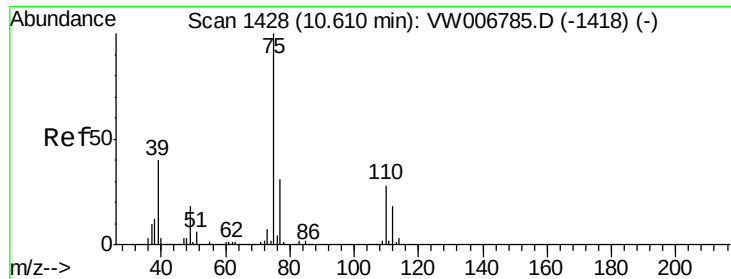
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#52
 Toluene
 Concen: 53.562 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW006785.D
 Acq: 09 Nov 2018 13:32

Tgt Ion: 92 Resp: 374062
 Ion Ratio Lower Upper
 92 100
 91 173.2 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 51.105 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 75 Resp: 162670

Ion Ratio Lower Upper

75 100

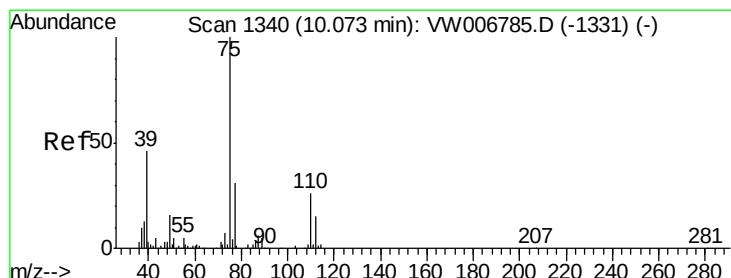
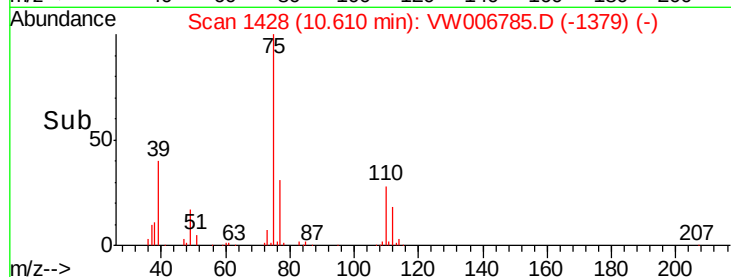
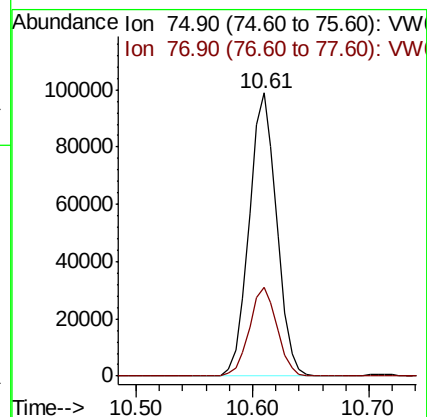
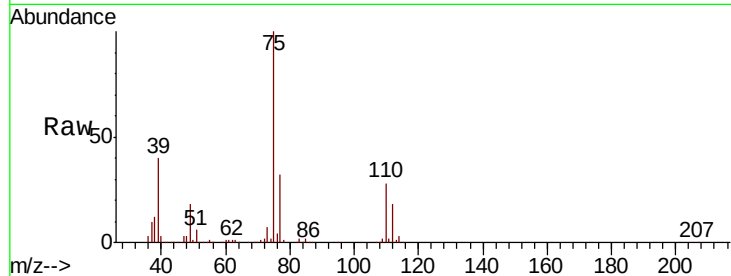
77 31.4 25.6 38.4

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 49.918 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

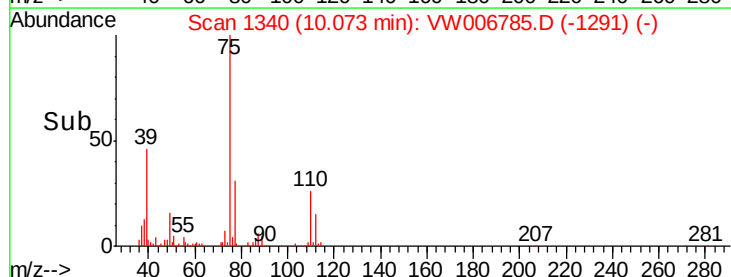
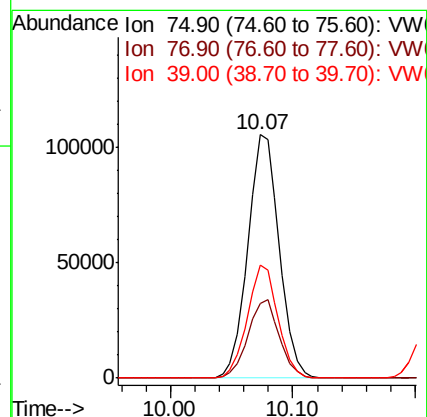
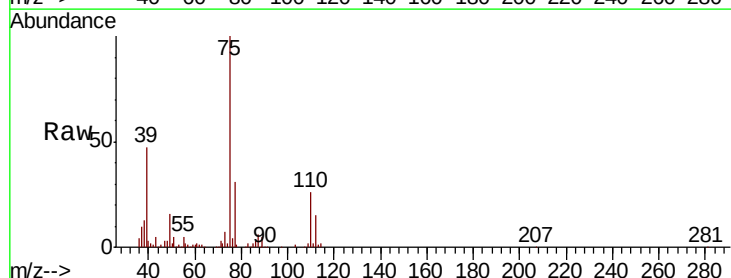
Tgt Ion: 75 Resp: 187766

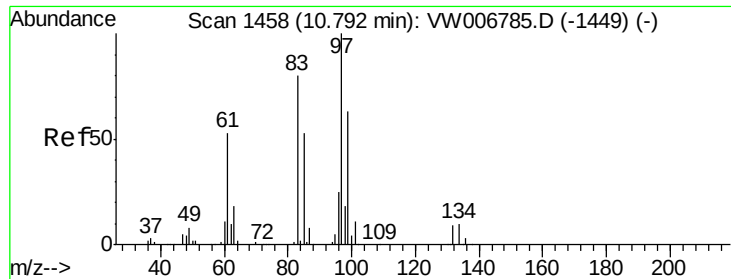
Ion Ratio Lower Upper

75 100

77 30.8 25.7 38.5

39 46.4 37.3 55.9





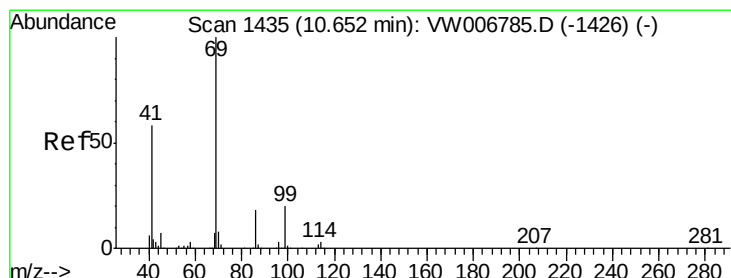
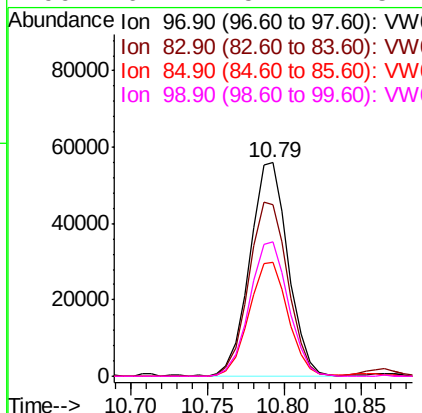
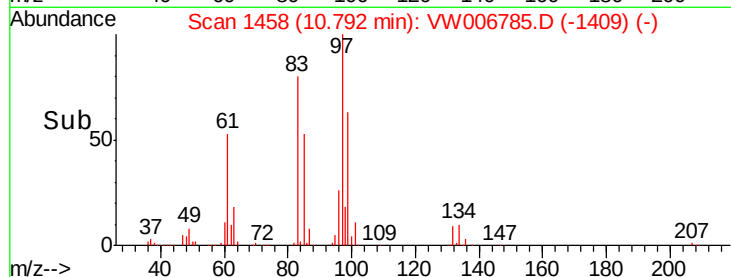
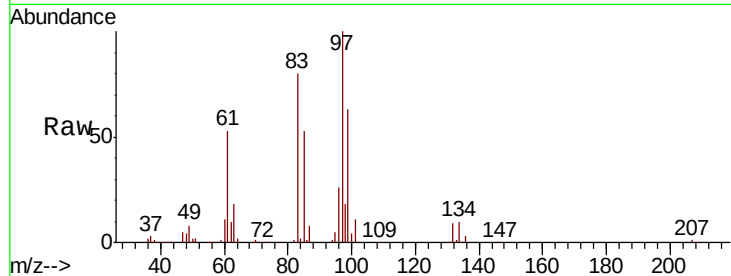
#55
 1,1,2-Trichloroethane
 Concen: 48.167 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006785.D
 Acq: 09 Nov 2018 13:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion:	97	Resp:	97348
Ion	Ratio	Lower	Upper
97	100		
83	80.5	67.9	101.9
85	53.2	44.0	66.0
99	62.7	52.2	78.2

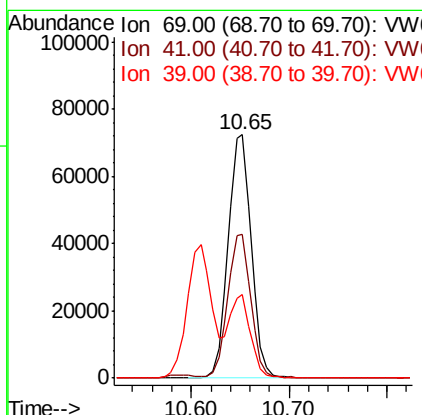
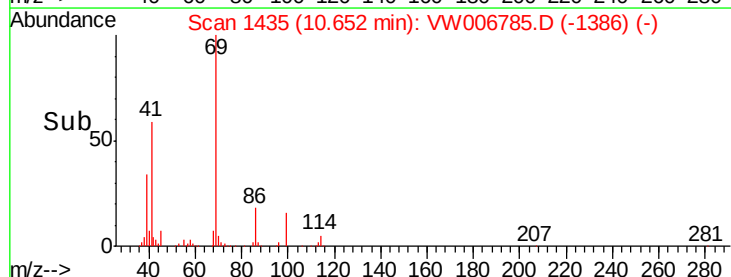
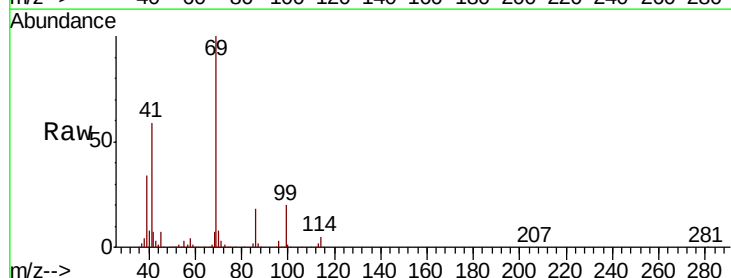
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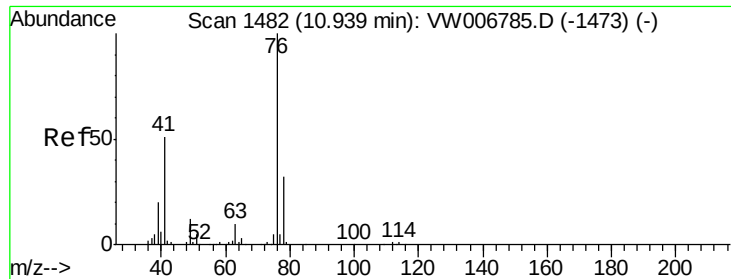
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#56
 Ethyl methacrylate
 Concen: 51.702 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW006785.D
 Acq: 09 Nov 2018 13:32

Tgt Ion:	69	Resp:	118766
Ion	Ratio	Lower	Upper
69	100		
41	59.0	47.4	71.2
39	29.2	25.3	37.9





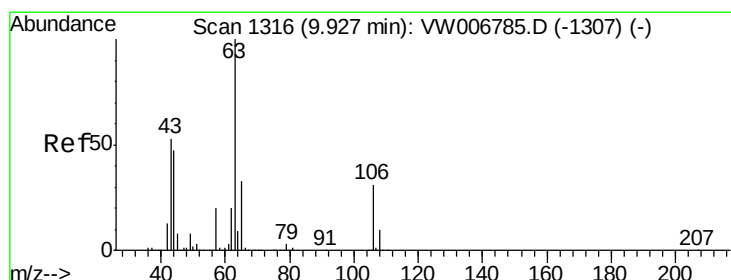
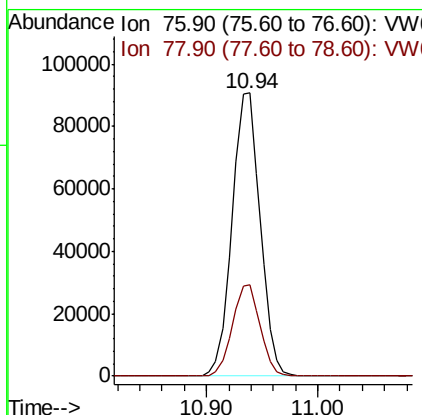
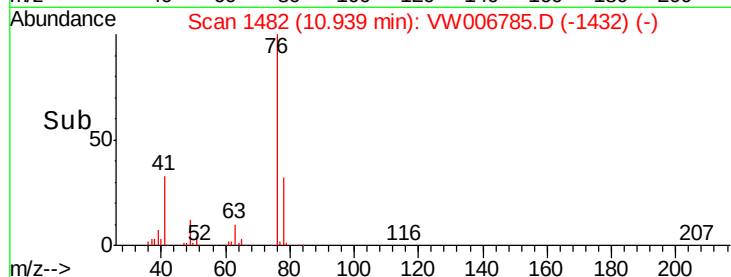
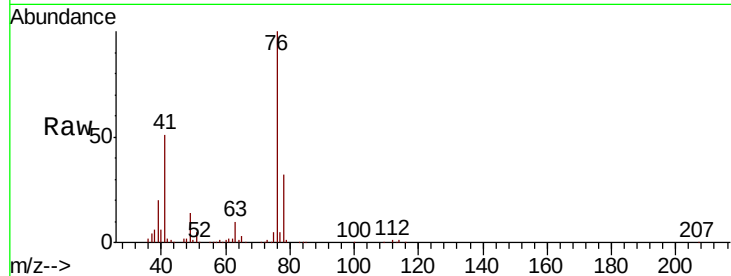
#57
 1,3-Dichloropropane
 Concen: 48.163 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: VW006785.D
 Acq: 09 Nov 2018 13:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion: 76 Resp: 158062
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.2 39.4

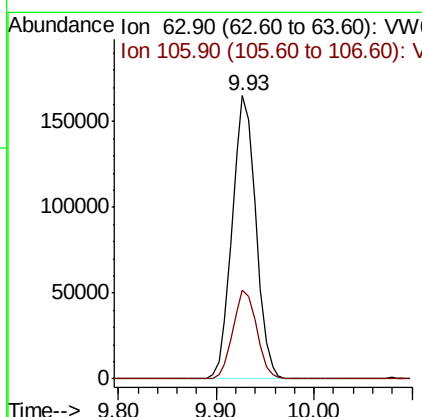
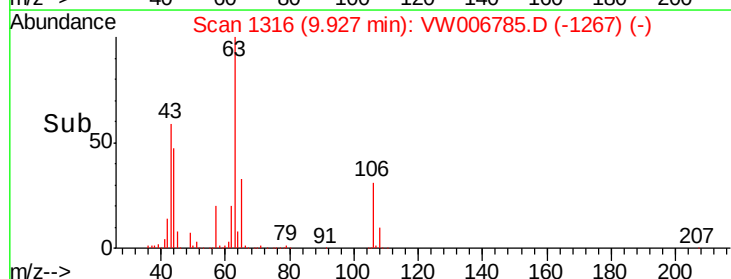
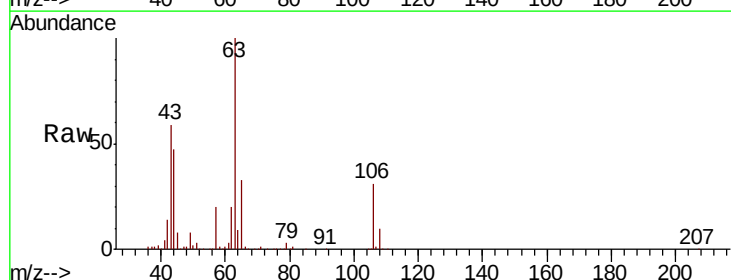
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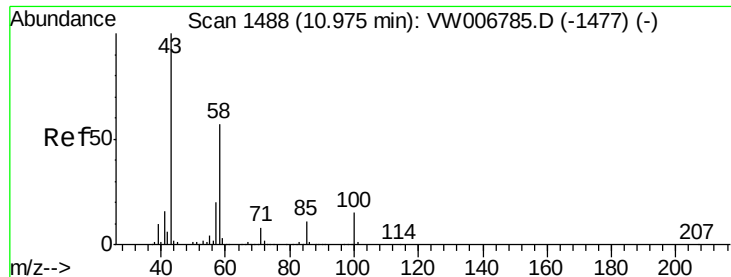
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#58
 2-Chloroethyl Vinyl ether
 Concen: 248.630 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006785.D
 Acq: 09 Nov 2018 13:32

Tgt Ion: 63 Resp: 277633
 Ion Ratio Lower Upper
 63 100
 106 31.6 25.4 38.2





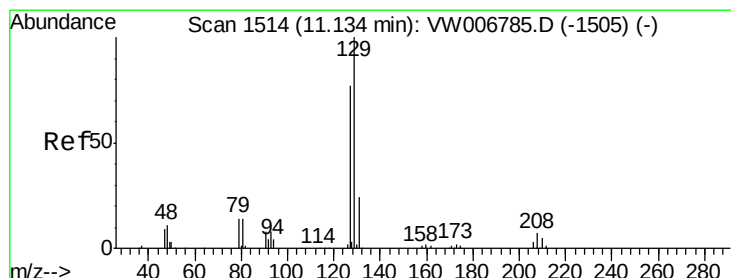
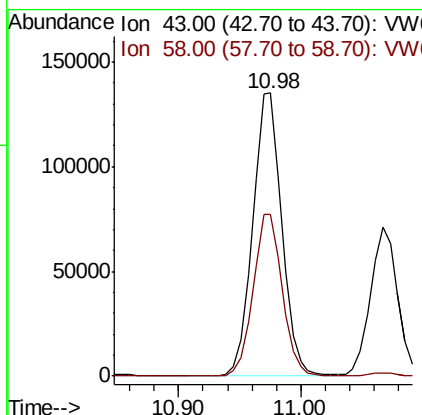
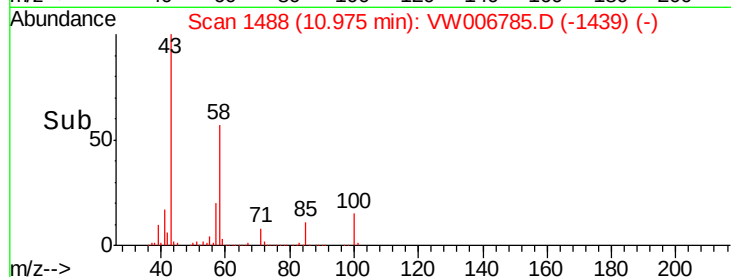
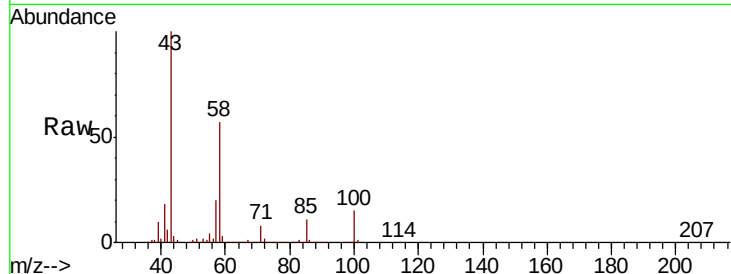
#59
2-Hexanone
Concen: 253.852 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	43	Resp	224472
Ion Ratio	100	Lower	Upper
43	100		
58	57.0	28.8	86.4

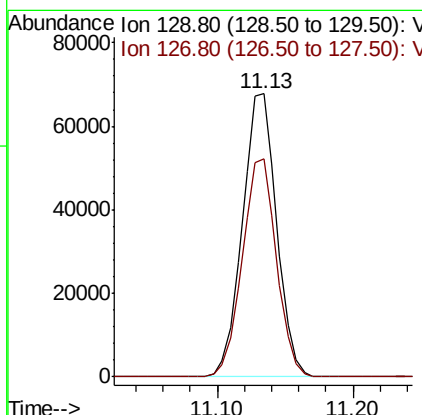
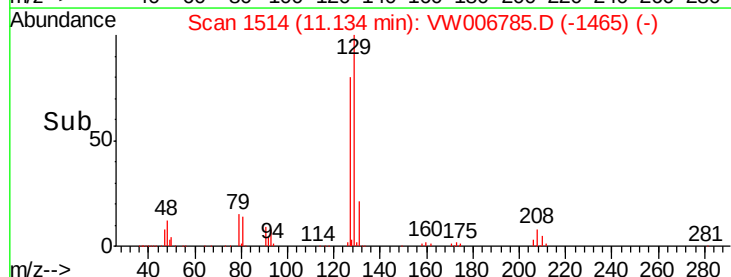
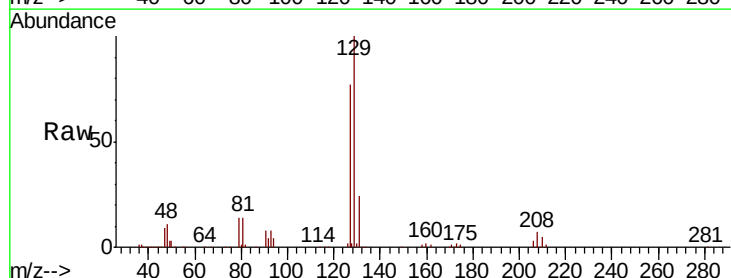
Manual Integrations
APPROVED

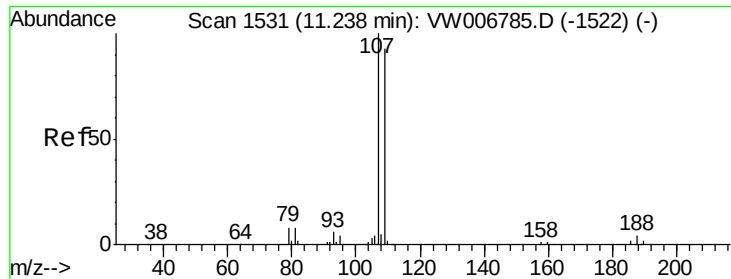
apatel
11/12/2018 3:40:38 PM



#60
Dibromochloromethane
Concen: 49.736 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Tgt Ion	129	Resp	119095
Ion Ratio	100	Lower	Upper
129	100		
127	76.9	38.8	116.3





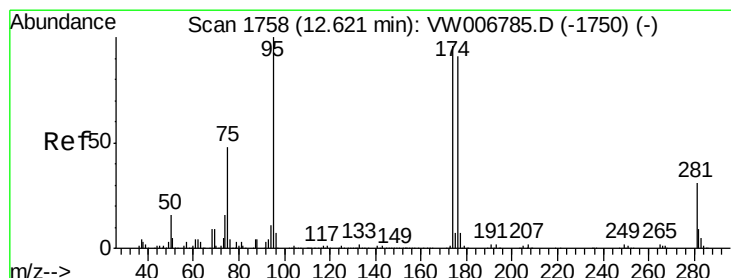
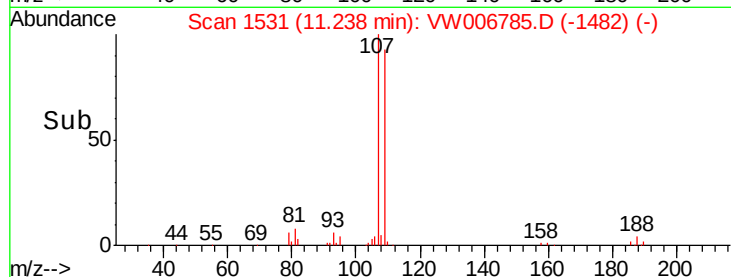
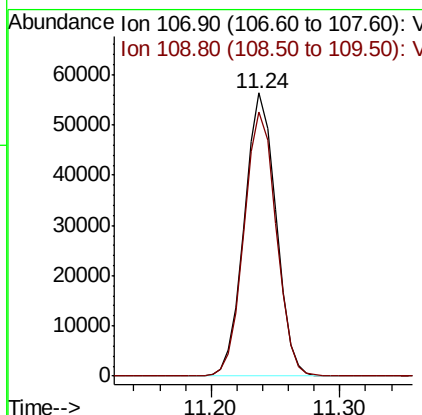
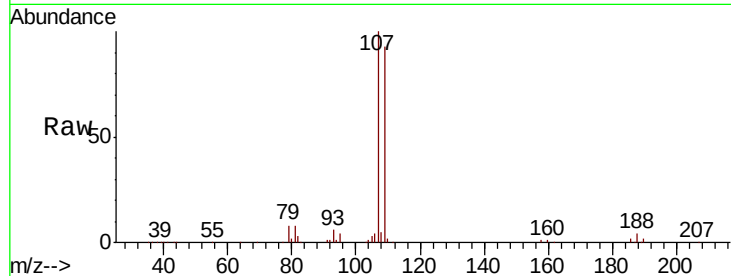
#61
 1,2-Dibromoethane
 Concen: 47.635 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW006785.D
 Acq: 09 Nov 2018 13:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion: 107 Resp: 95604
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.8 113.6

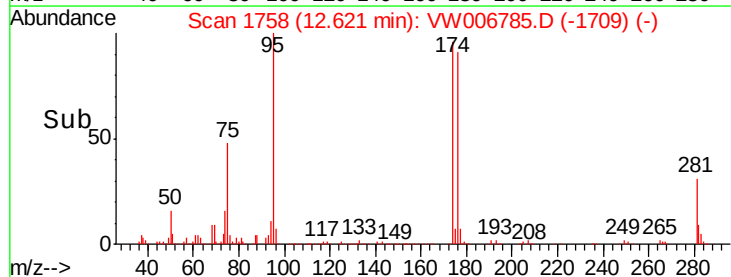
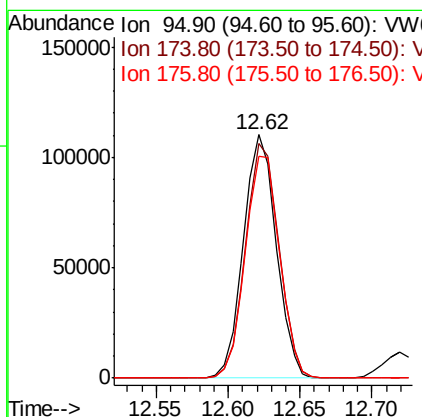
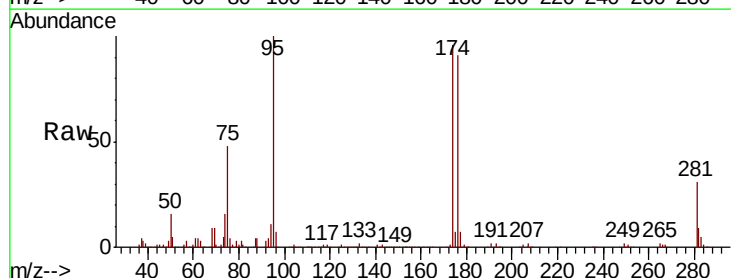
Manual Integrations
 APPROVED

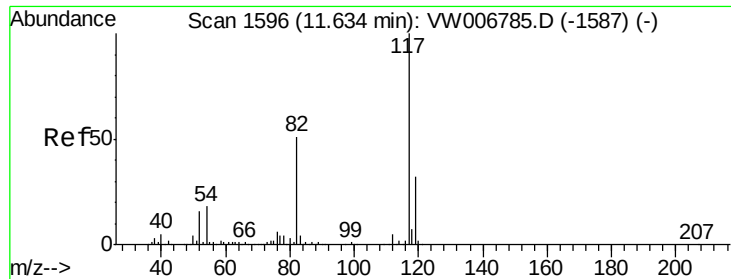
apatel
 11/12/2018 3:40:38 PM



#62
 4-Bromofluorobenzene
 Concen: 48.234 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW006785.D
 Acq: 09 Nov 2018 13:32

Tgt Ion: 95 Resp: 174149
 Ion Ratio Lower Upper
 95 100
 174 98.1 0.0 192.4
 176 95.4 0.0 187.4





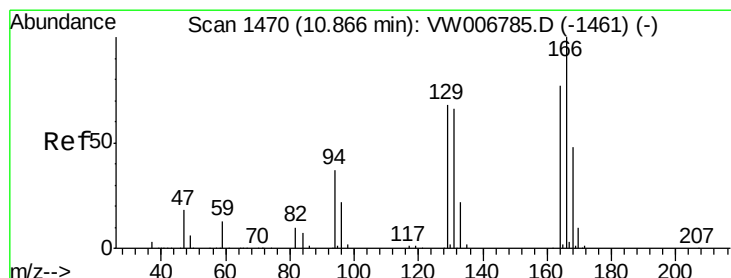
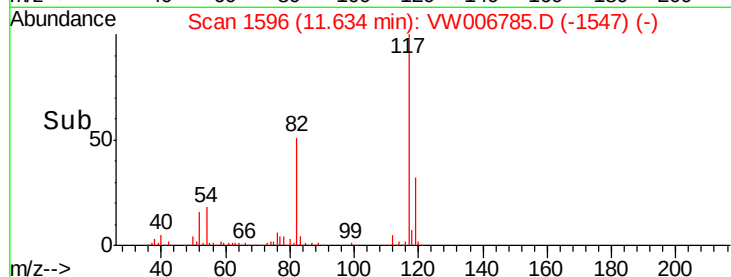
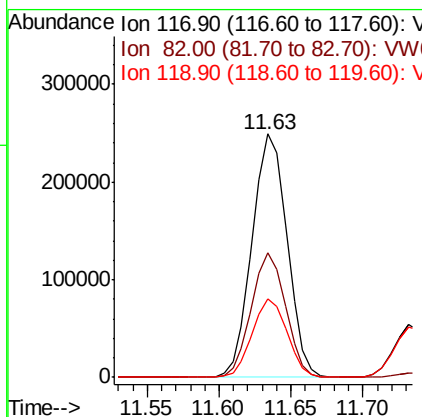
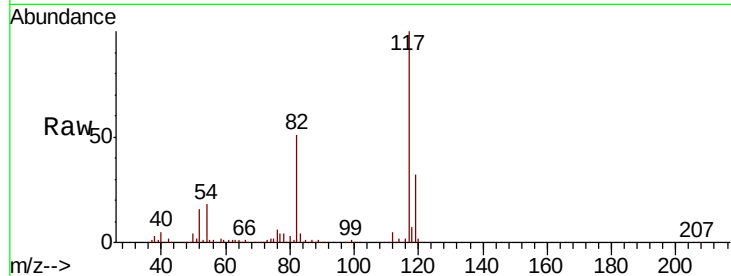
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.1	40.8	61.2
119	32.3	26.1	39.1

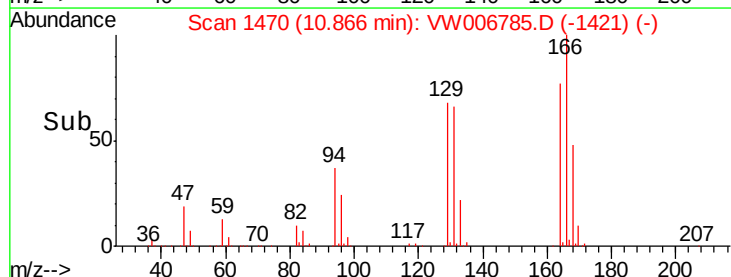
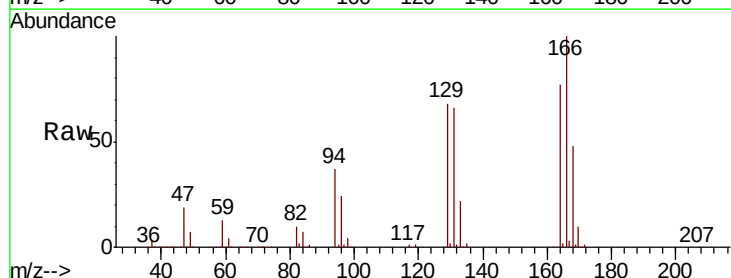
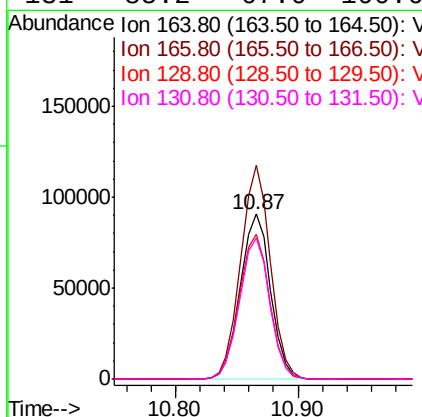
Manual Integrations
APPROVED

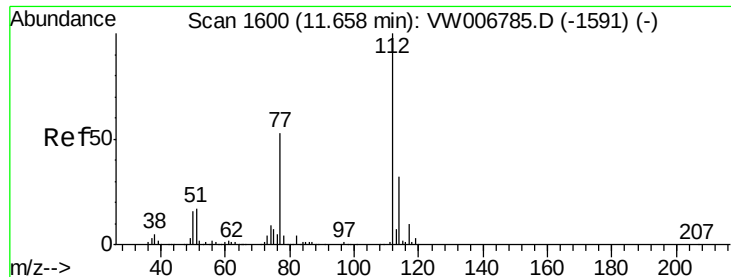
apatel
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#64
Tetrachloroethene
Concen: 46.358 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.6	102.8	154.2
129	88.0	70.9	106.3
131	85.2	67.0	100.6





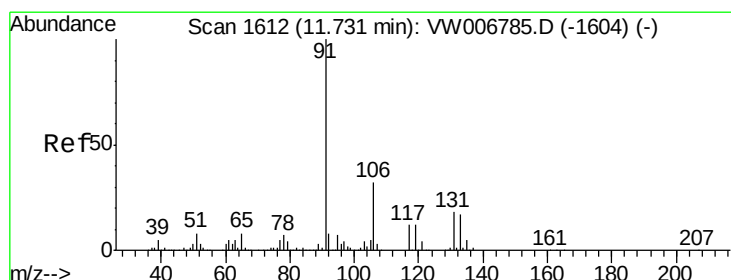
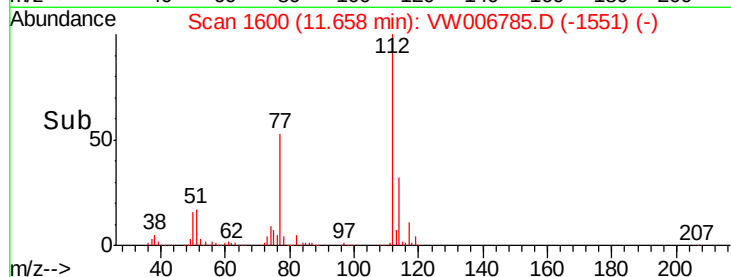
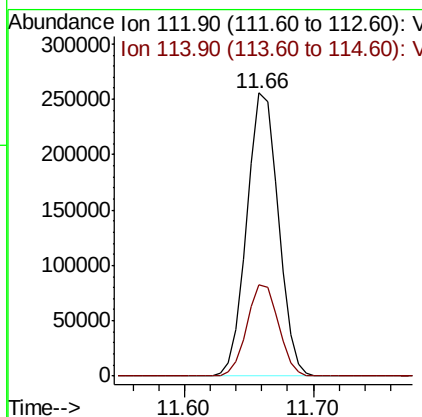
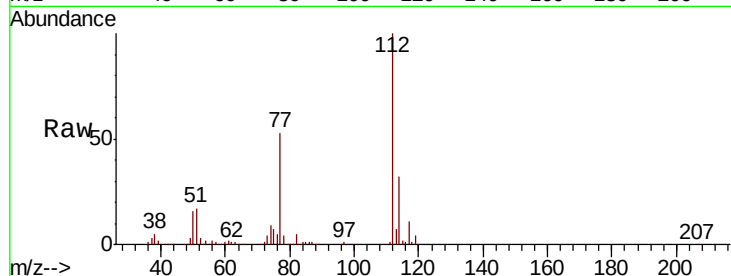
#65
Chlorobenzene
Concen: 48.950 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	26.2	39.2

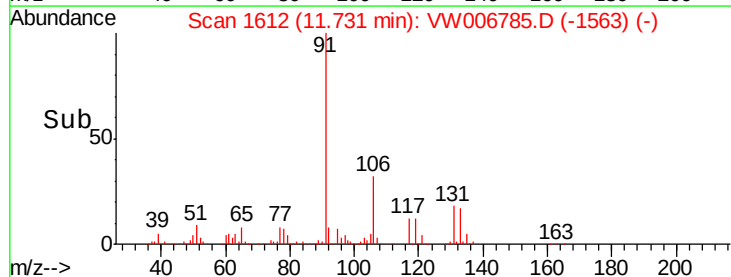
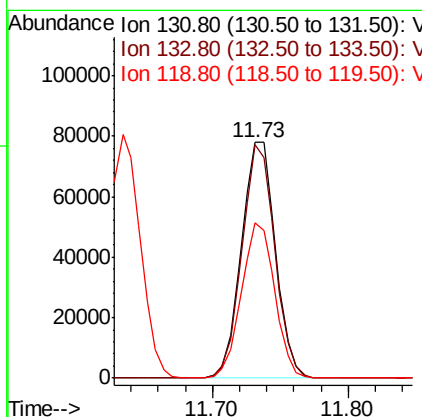
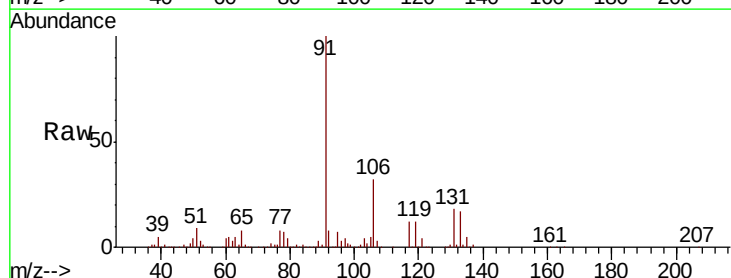
Manual Integrations
APPROVED

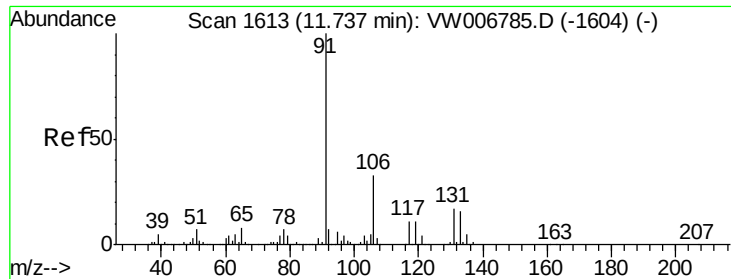
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#66
1,1,1,2-Tetrachloroethane
Concen: 43.962 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.7	47.5	142.5
119	64.5	31.9	95.5





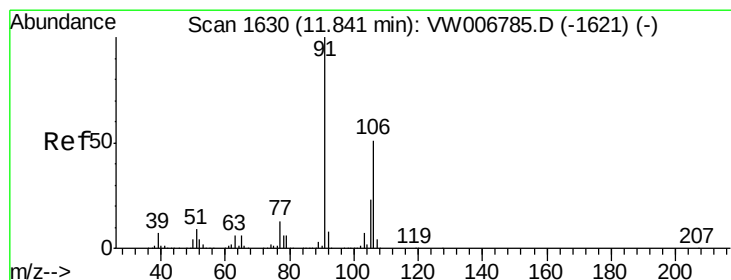
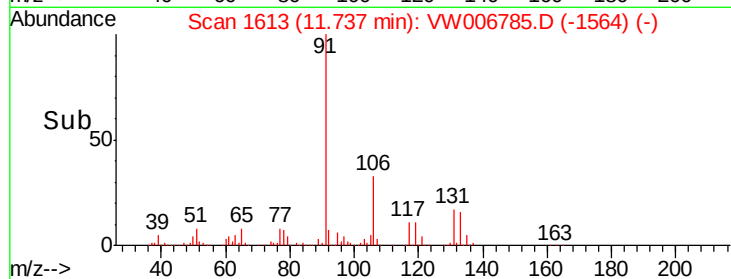
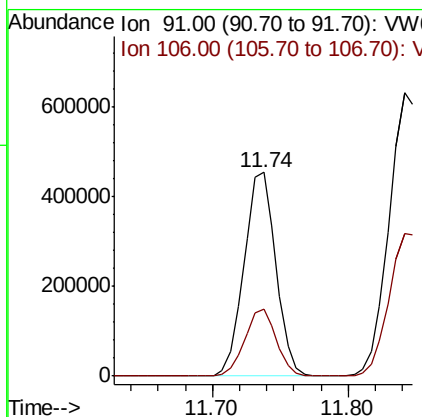
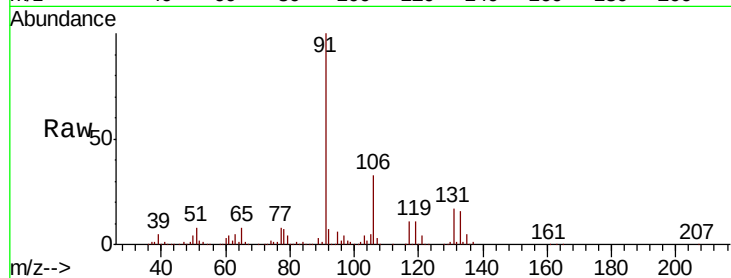
#67
Ethyl Benzene
Concen: 50.356 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 742523
Ion Ratio Lower Upper
91 100
106 32.9 26.3 39.5

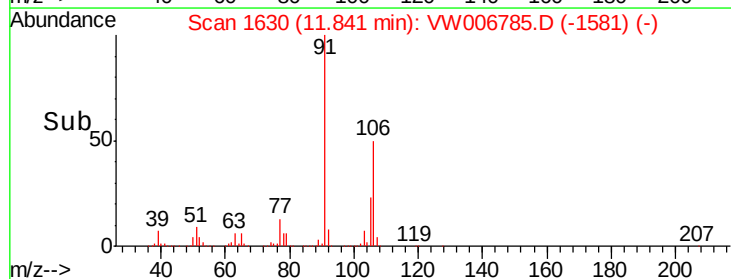
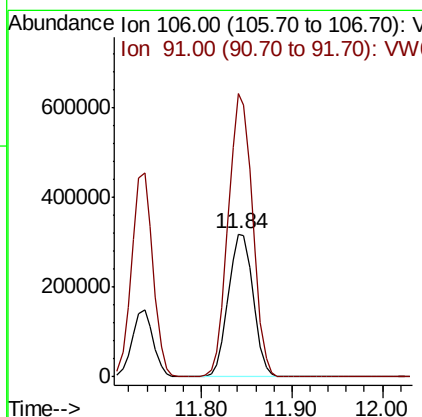
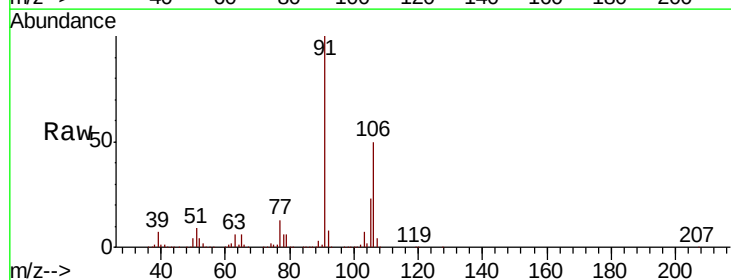
Manual Integrations
APPROVED

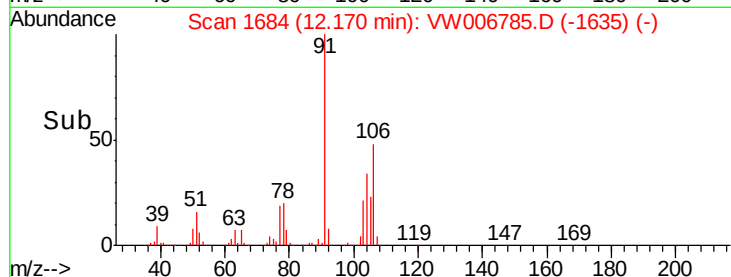
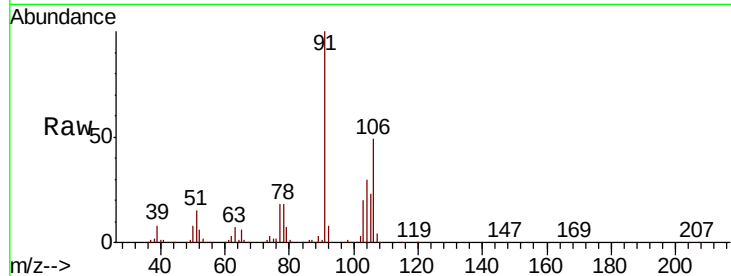
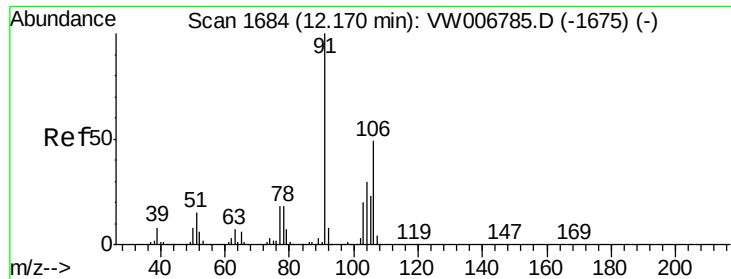
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#68
m/p-Xylenes
Concen: 102.661 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Tgt Ion: 106 Resp: 604788
Ion Ratio Lower Upper
106 100
91 194.1 156.7 235.1





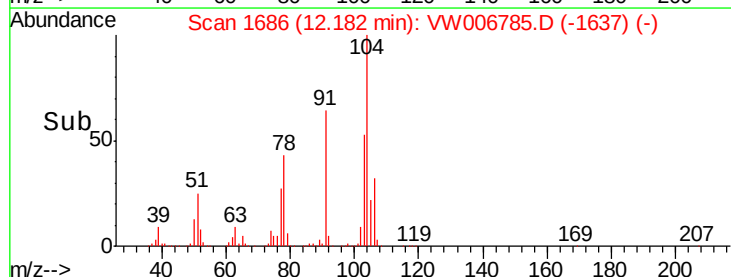
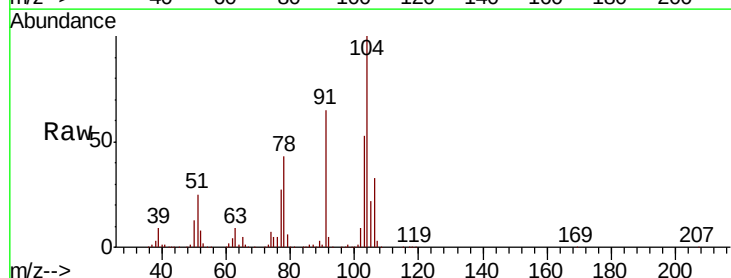
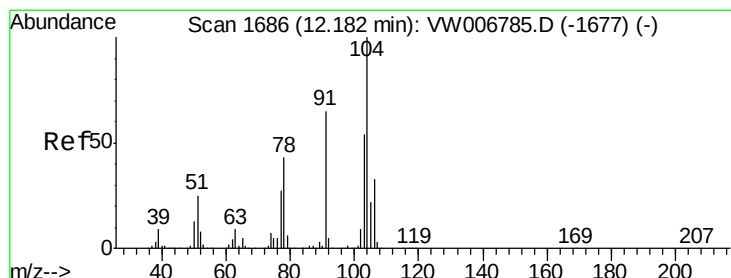
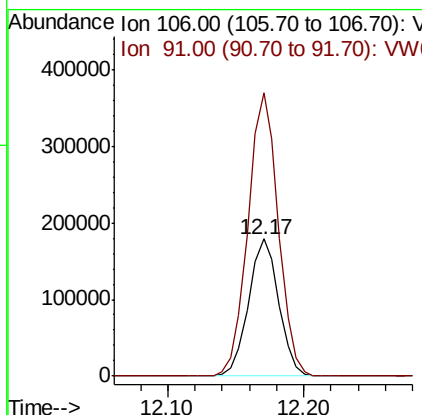
#69
o-Xylene
Concen: 49.916 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	205.9	102.8	308.4	

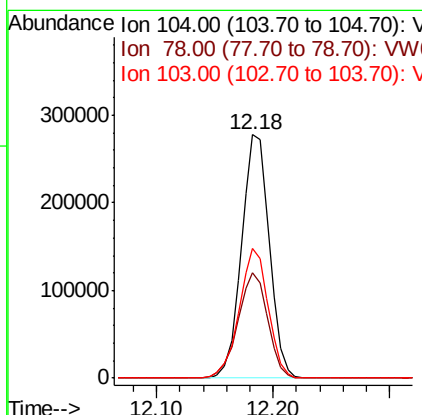
Manual Integrations
APPROVED

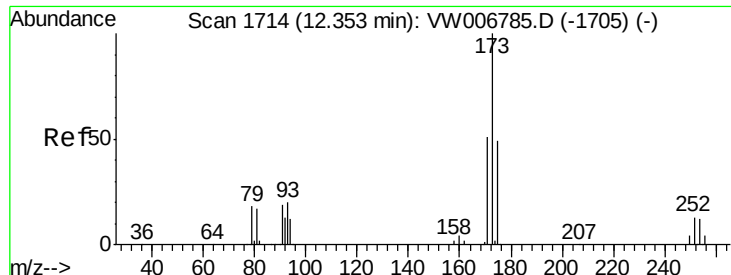
apatel
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#70
Styrene
Concen: 50.581 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	46.4	37.2	55.8	
103	55.5	44.2	66.2	





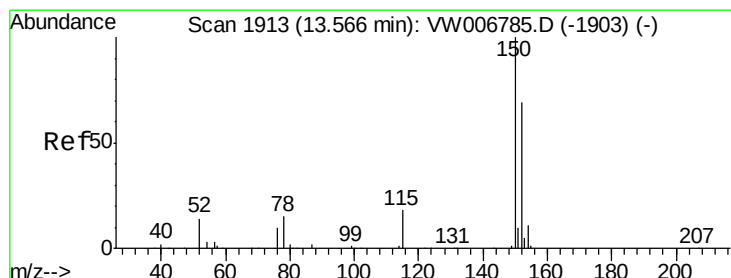
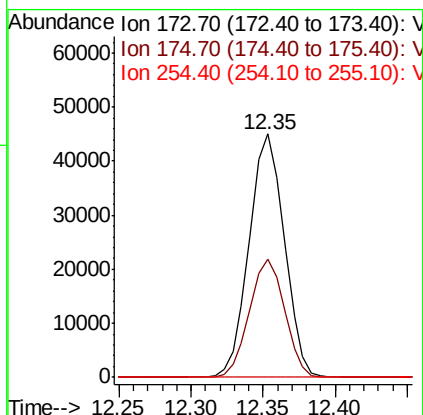
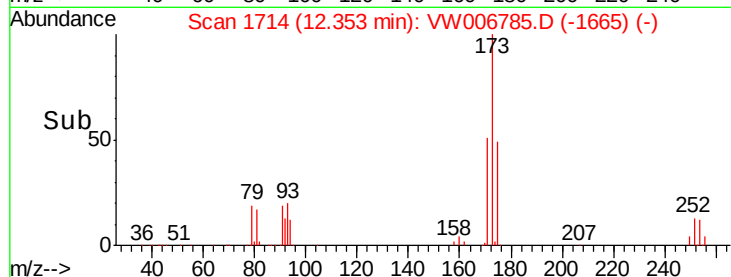
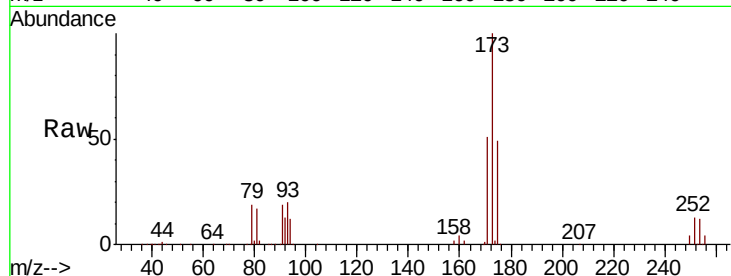
#71
Bromoform
Concen: 46.303 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.1	72.4
254	0.1	0.1	0.1

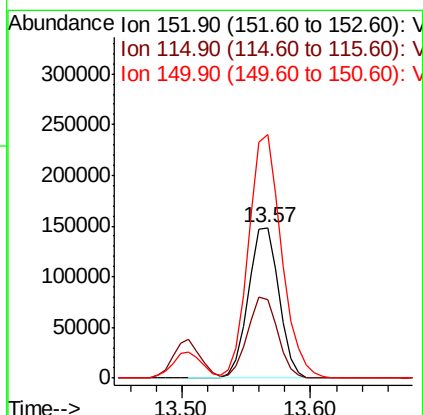
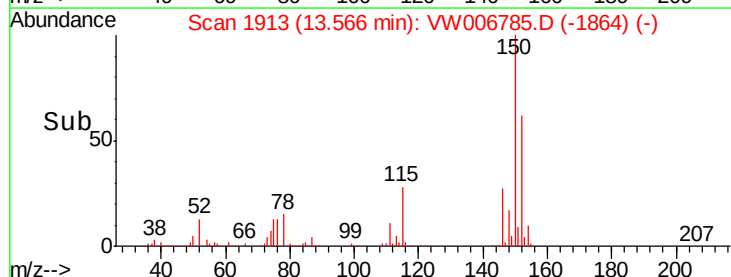
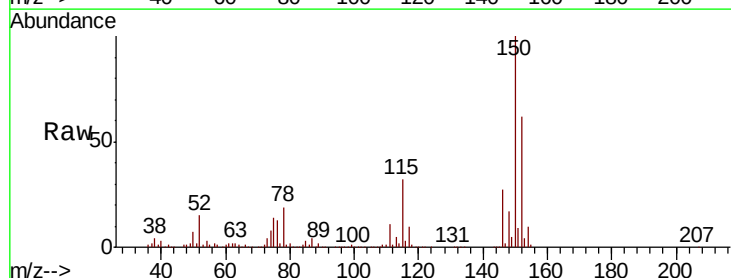
Manual Integrations
APPROVED

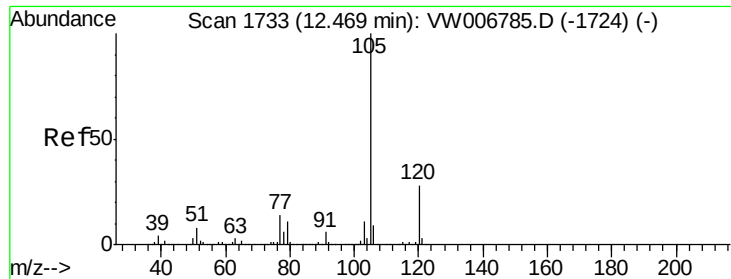
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.3	26.6	79.8
150	174.0	0.0	344.6





#73

Isopropylbenzene

Concen: 48.608 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 773234

Ion Ratio Lower Upper

105 100

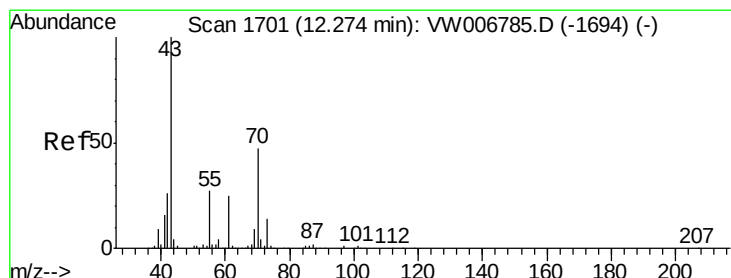
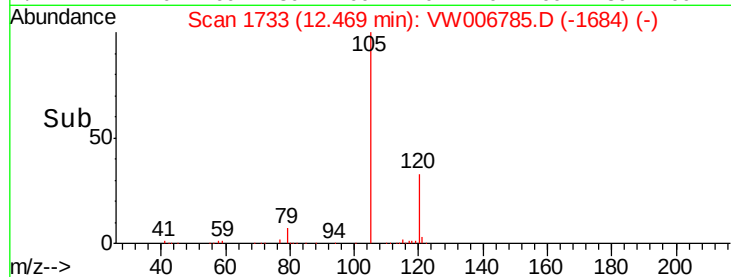
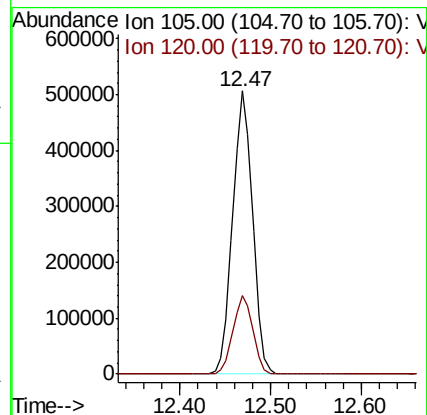
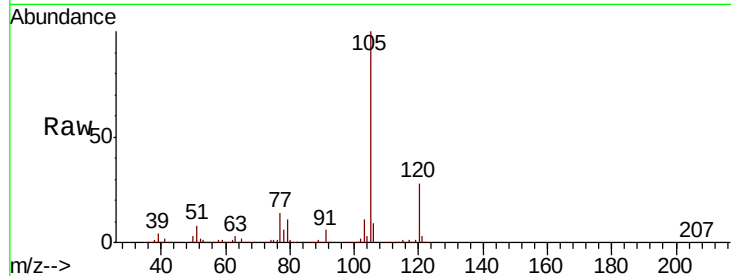
120 27.7 13.7 41.1

Manual Integrations

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#74

N-ethyl acetate

Concen: 46.066 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.01 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

Tgt Ion: 43 Resp: 126629

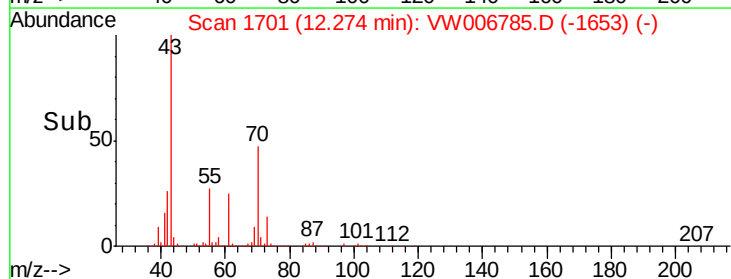
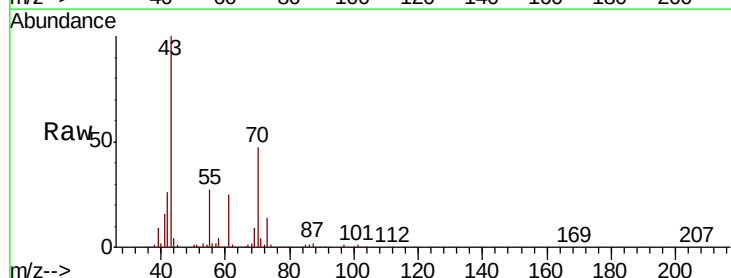
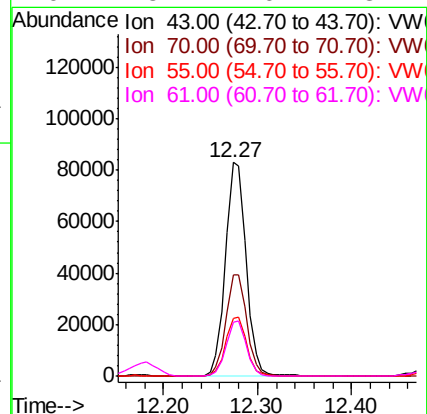
Ion Ratio Lower Upper

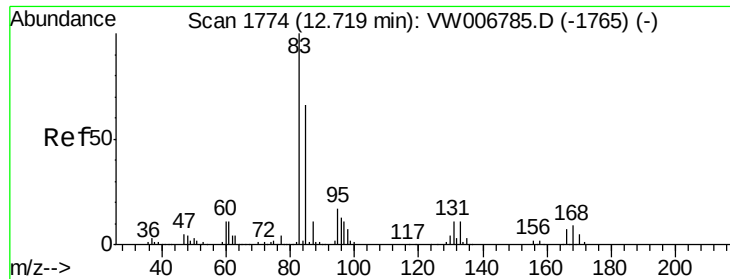
43 100

70 47.9 36.9 55.3

55 27.9 20.7 31.1

61 25.1 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 44.089 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 83 Resp: 110773

Ion Ratio Lower Upper

83 100

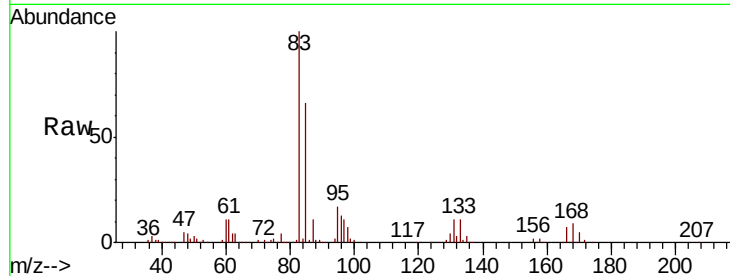
131 12.0 5.9 17.7

85 64.5 32.3 96.8

Manual Integrations
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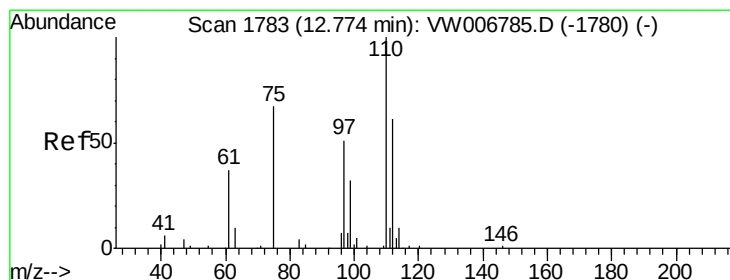
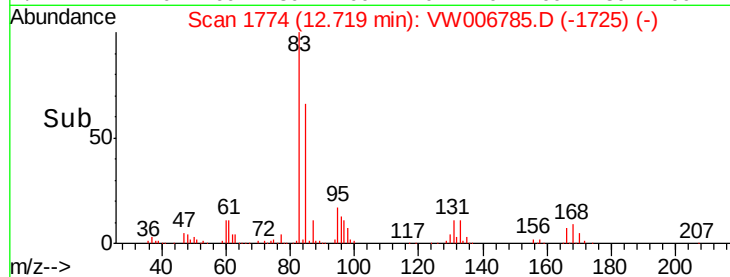
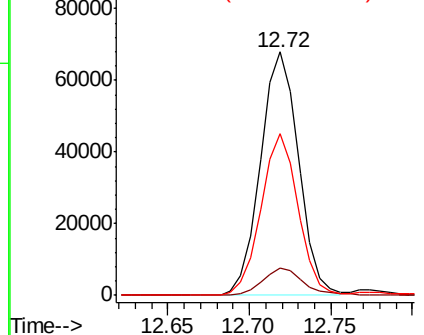
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Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 45.104 ug/l m

RT: 12.77 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VW006785.D

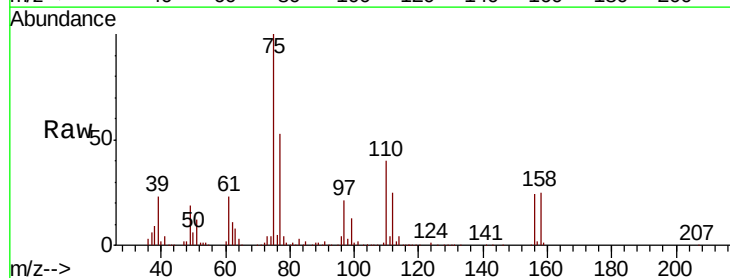
Acq: 09 Nov 2018 13:32

Tgt Ion: 75 Resp: 84980

Ion Ratio Lower Upper

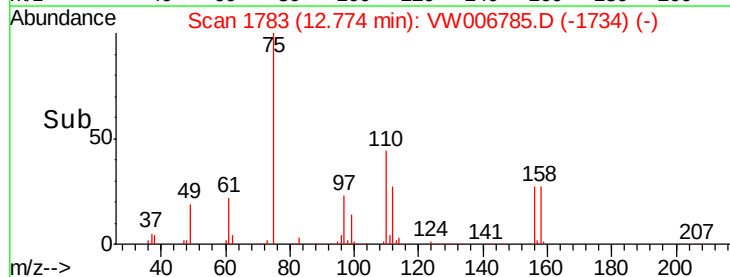
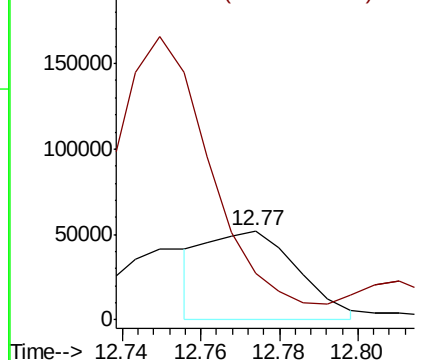
75 100

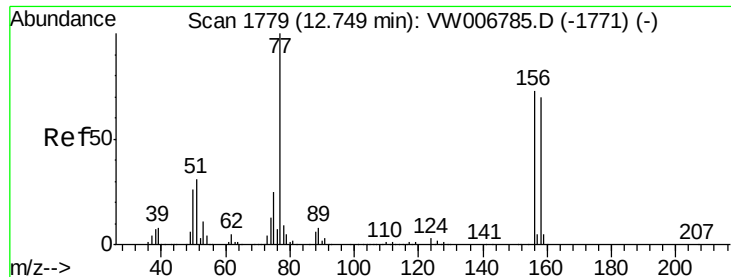
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 47.541 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

Instrument :

MSVOA_W

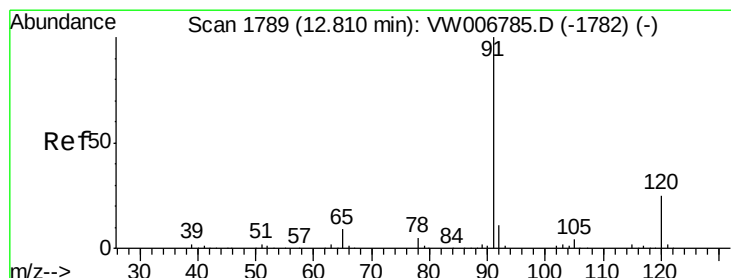
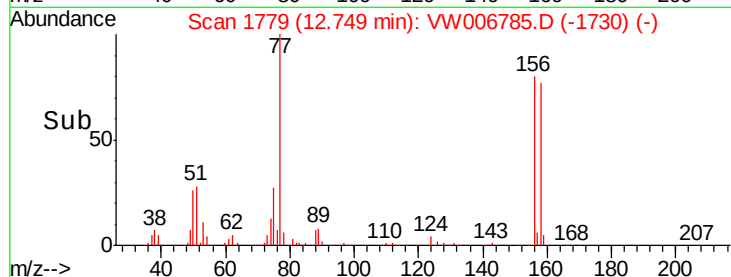
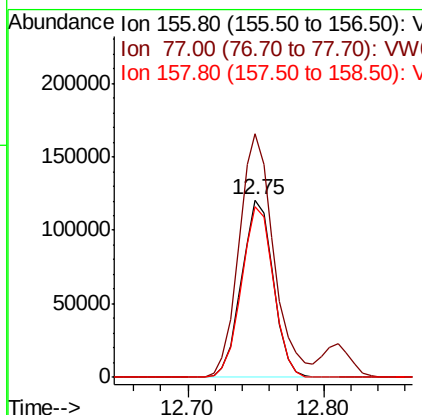
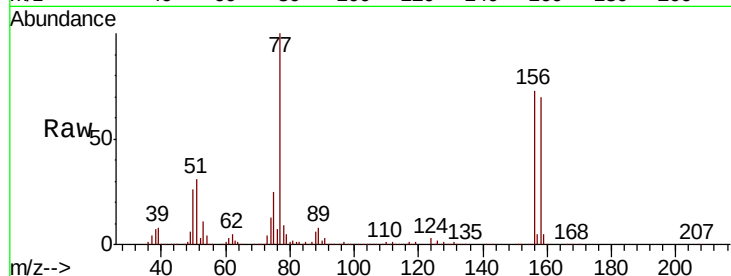
ClientSampleId :

VSTDICCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	150.9	75.9	227.8
158	97.4	48.6	145.9

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#78

n-propylbenzene

Concen: 50.176 ug/l

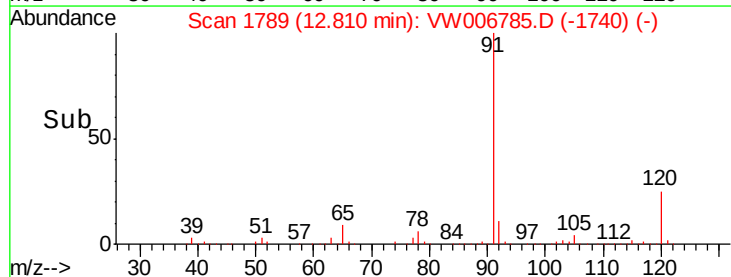
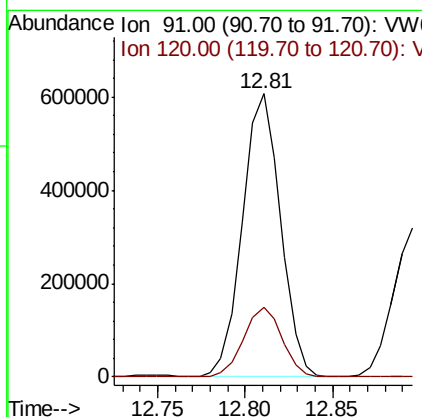
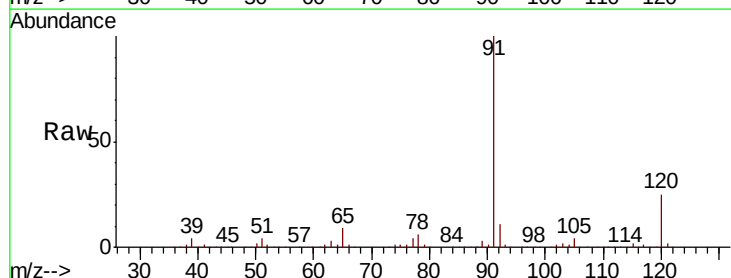
RT: 12.81 min Scan# 1789

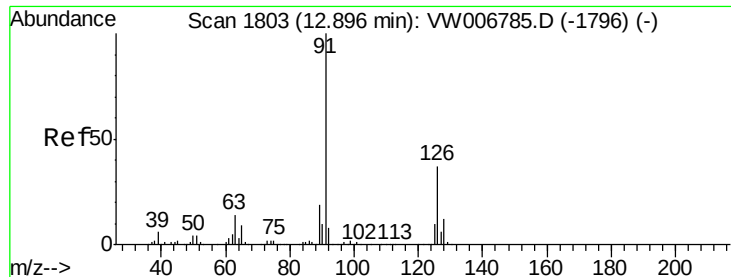
Delta R.T. 0.00 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.7	12.4	37.0





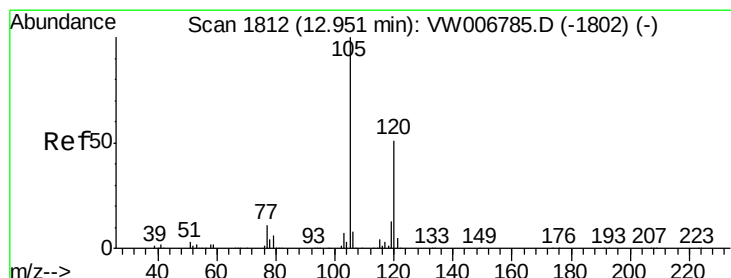
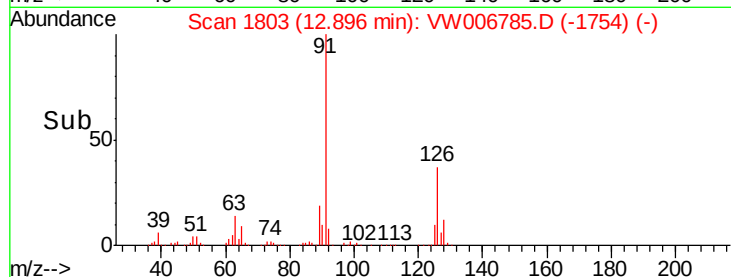
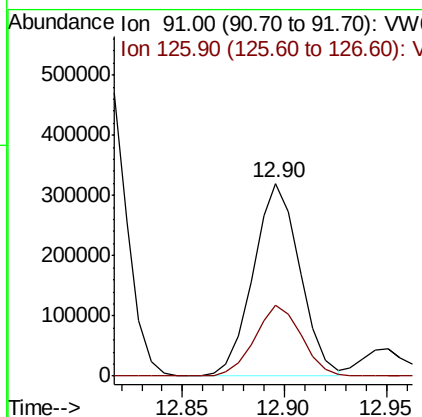
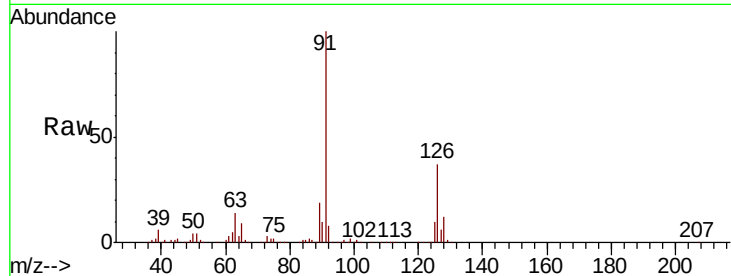
#79
 2-Chlorotoluene
 Concen: 48.425 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW006785.D
 Acq: 09 Nov 2018 13:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion: 91 Resp: 508503
 Ion Ratio Lower Upper
 91 100
 126 36.8 18.5 55.5

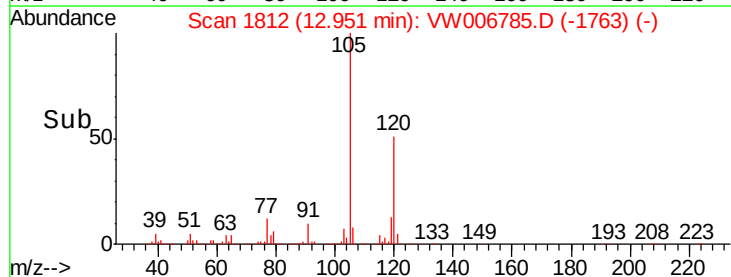
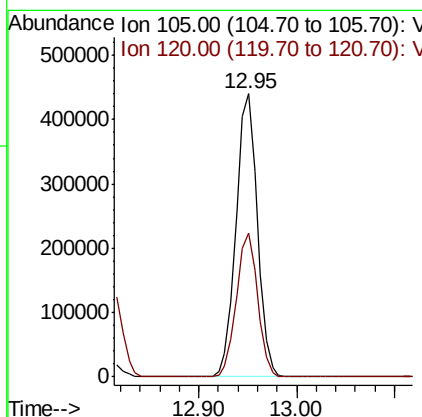
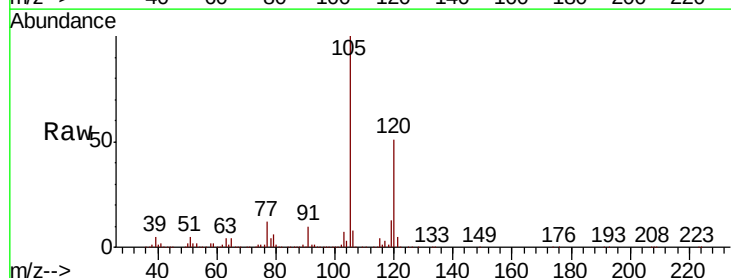
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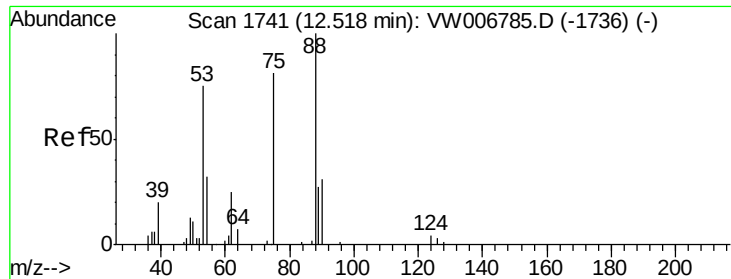
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#80
 1,3,5-Trimethylbenzene
 Concen: 49.882 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW006785.D
 Acq: 09 Nov 2018 13:32

Tgt Ion: 105 Resp: 666646
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.1 75.3





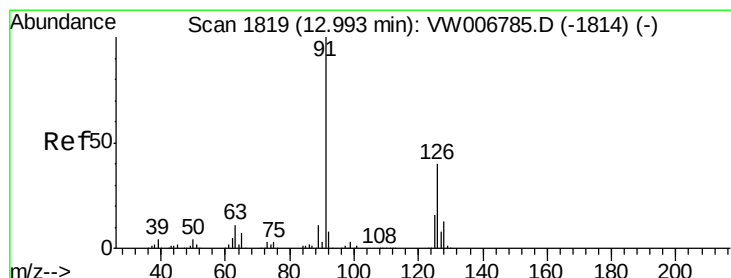
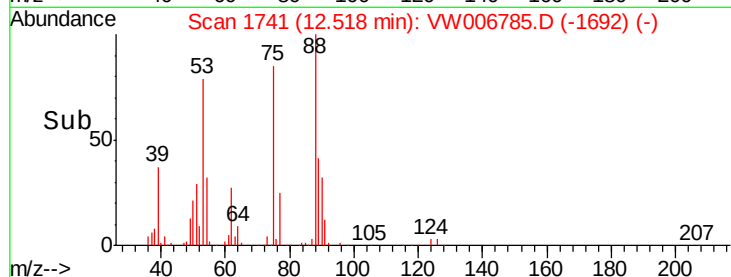
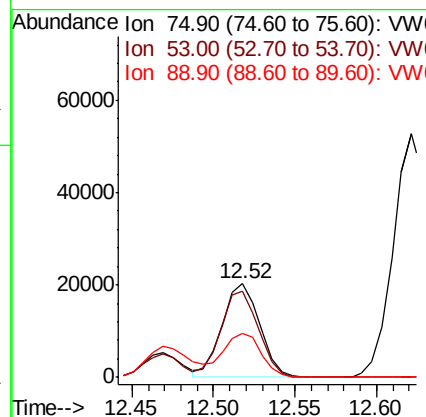
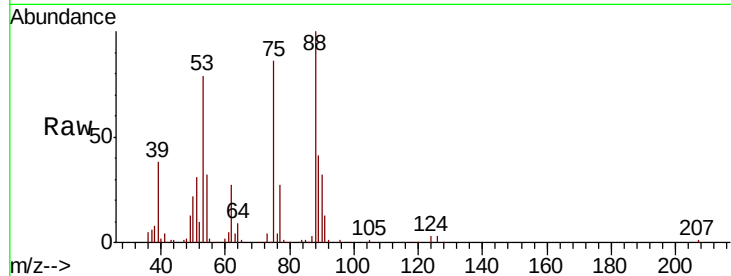
#81
trans-1,4-Dichloro-2-butene
Concen: 50.407 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.5	77.2	115.8
89	47.6	38.6	58.0

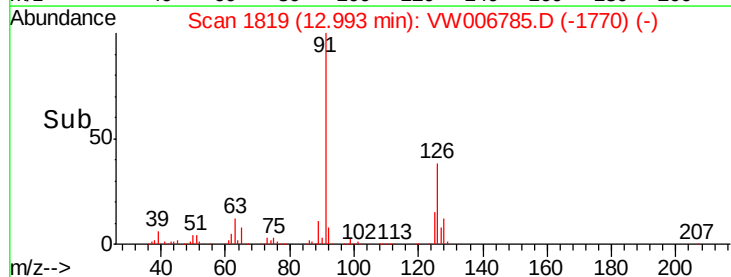
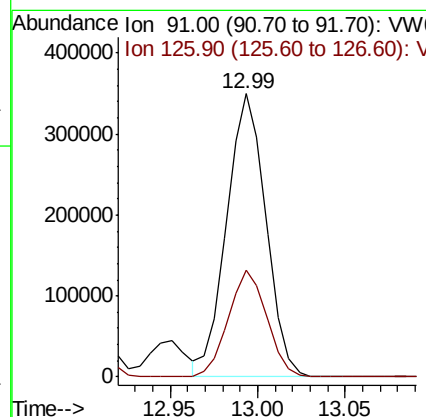
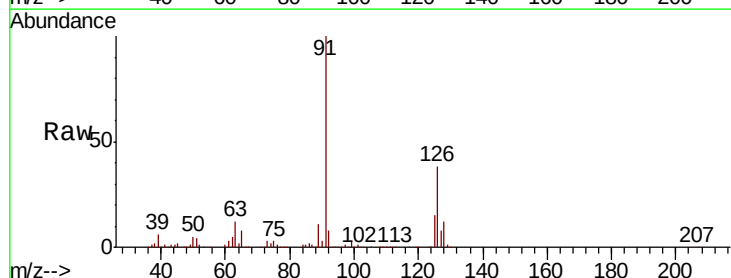
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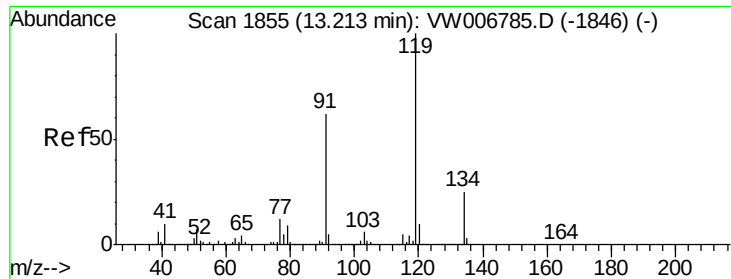
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#82
4-Chlorotoluene
Concen: 48.940 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Tgt Ion	Ratio	Lower	Upper
91	100		
126	37.1	18.5	55.5





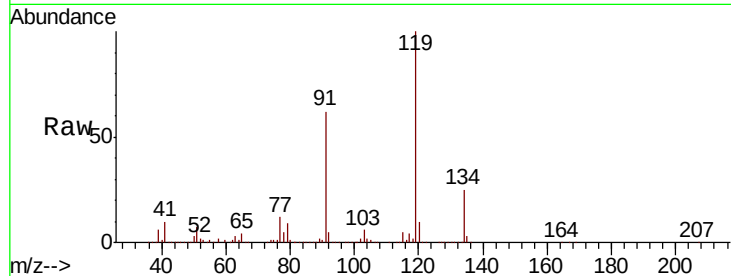
#83
tert-Butylbenzene
Concen: 48.771 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.8	30.4	91.3
134	27.1	13.5	40.4

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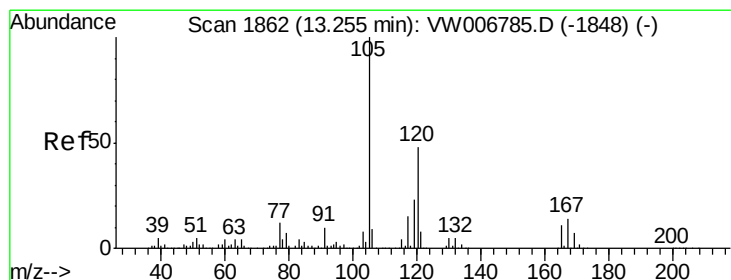
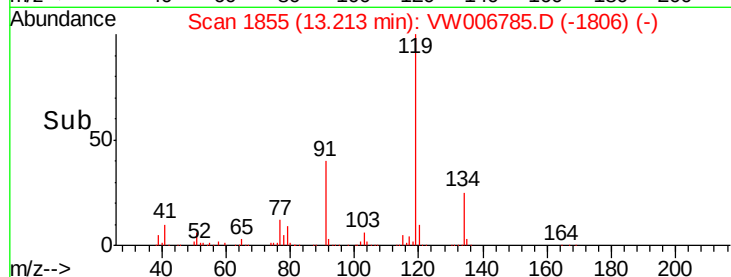
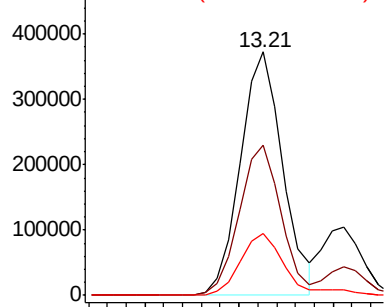


Abundance

Ion 119.00 (118.70 to 119.70): V

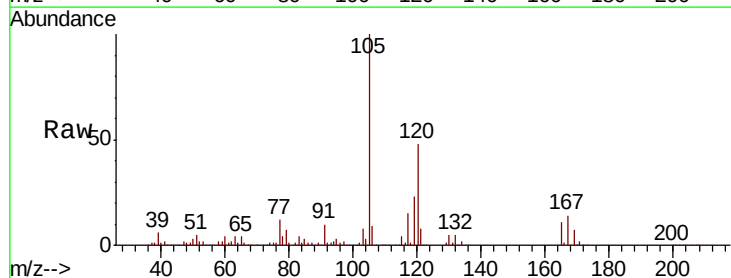
Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84
1,2,4-Trimethylbenzene
Concen: 50.106 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

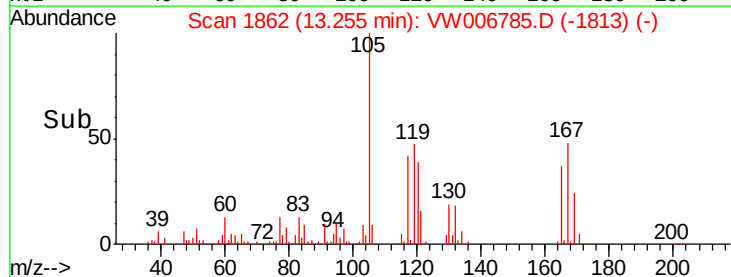
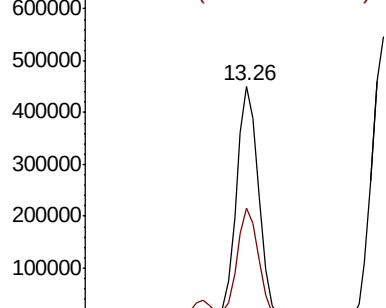
Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.2	69.6

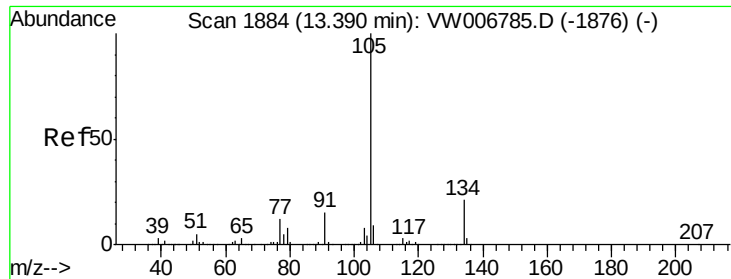


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.591 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 827776

Ion Ratio Lower Upper

105 100

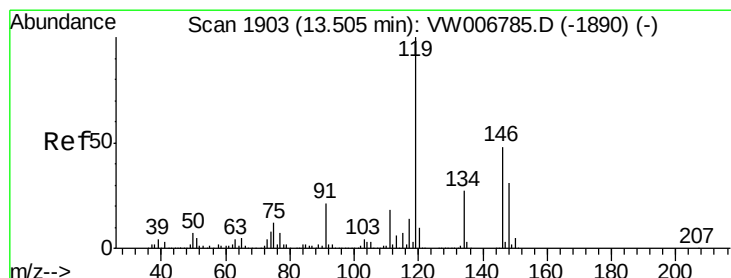
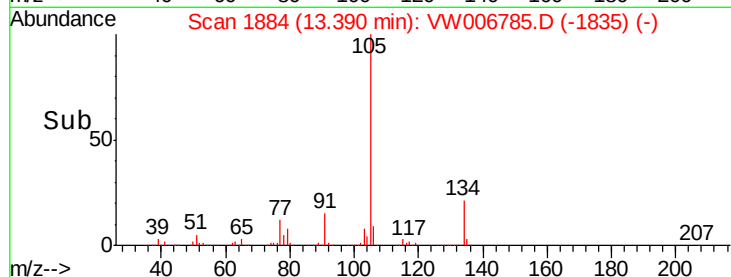
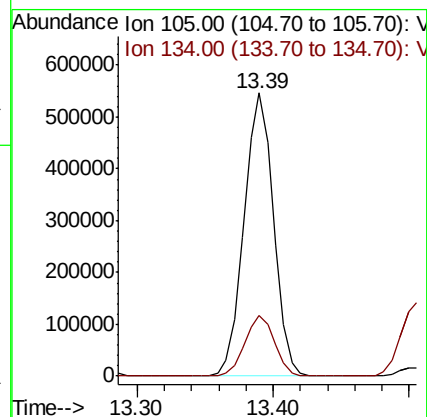
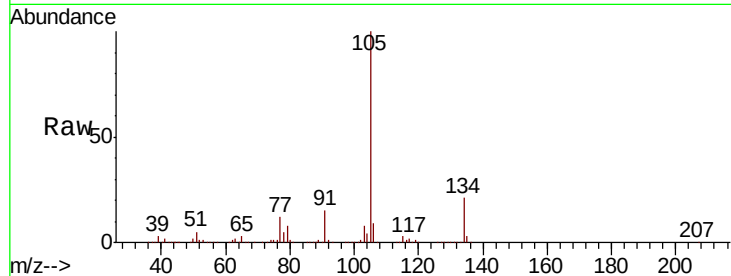
134 21.4 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 50.492 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

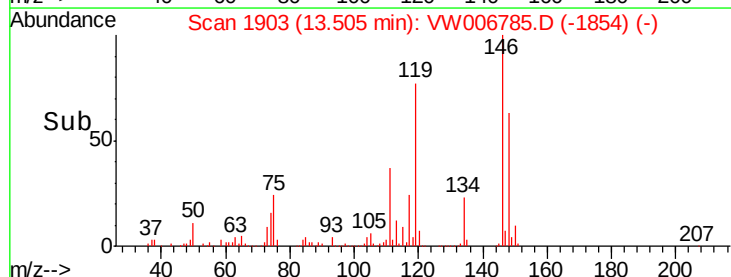
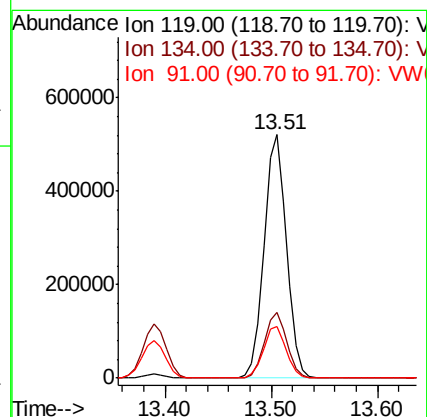
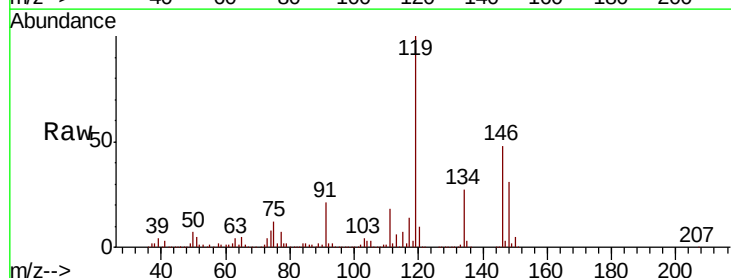
Tgt Ion:119 Resp: 766887

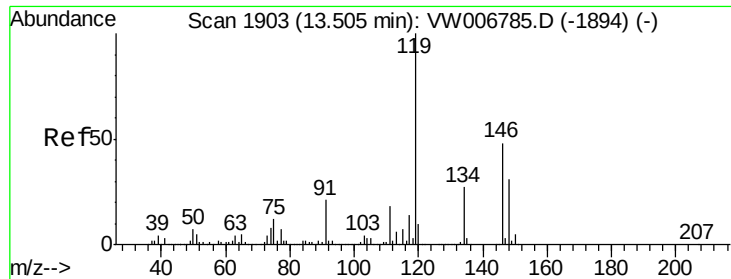
Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.7

91 21.6 10.9 32.6





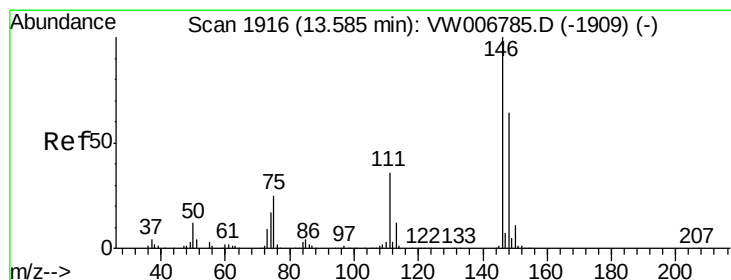
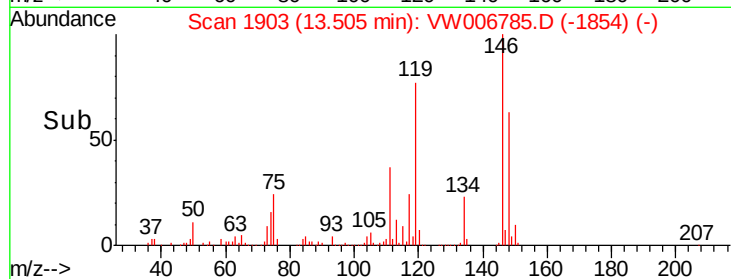
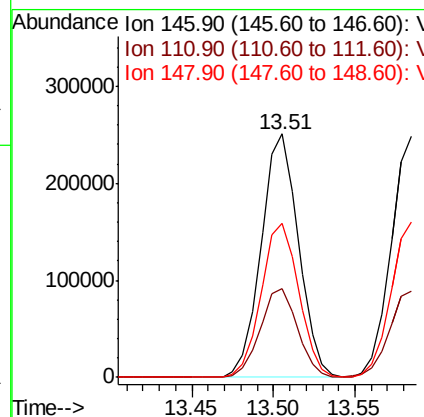
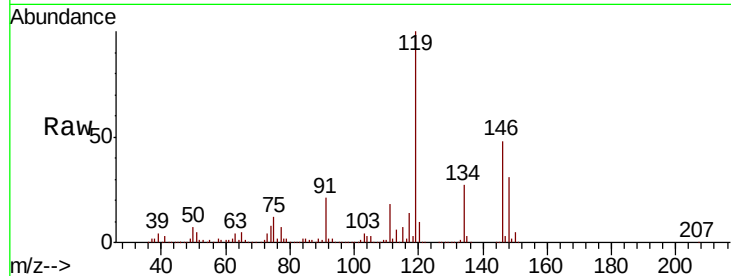
#87
 1,3-Dichlorobenzene
 Concen: 48.971 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006785.D
 Acq: 09 Nov 2018 13:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.6	55.6
148	63.9	32.1	96.3

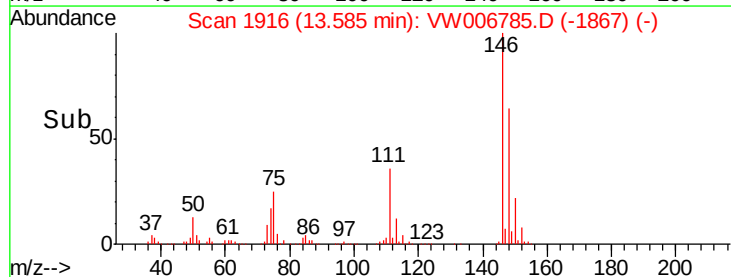
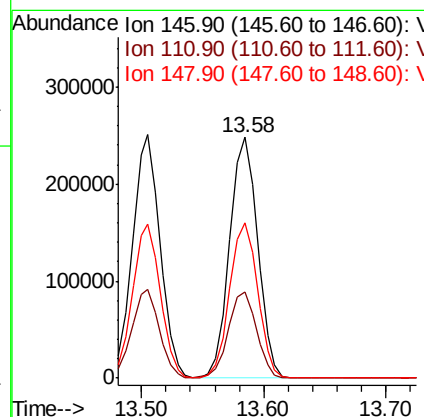
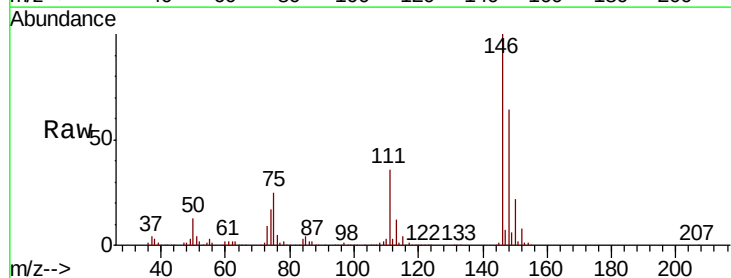
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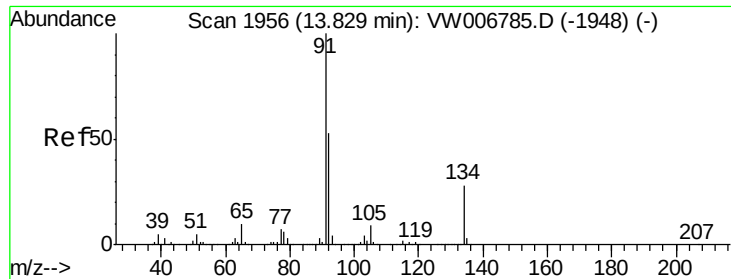
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#88
 1,4-Dichlorobenzene
 Concen: 48.938 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006785.D
 Acq: 09 Nov 2018 13:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	17.9	53.7
148	64.4	32.1	96.5





#89

n-Butylbenzene

Concen: 51.920 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

Instrument :

MSVOA_W

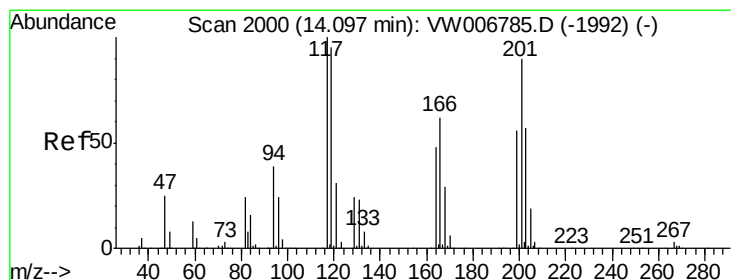
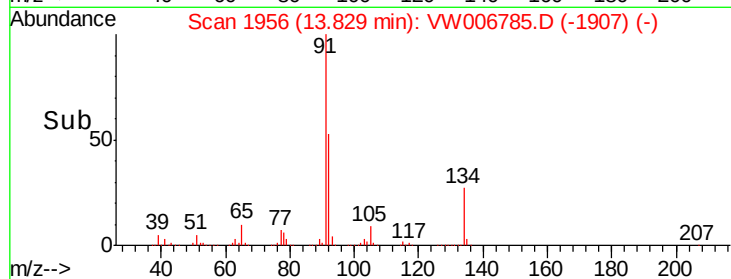
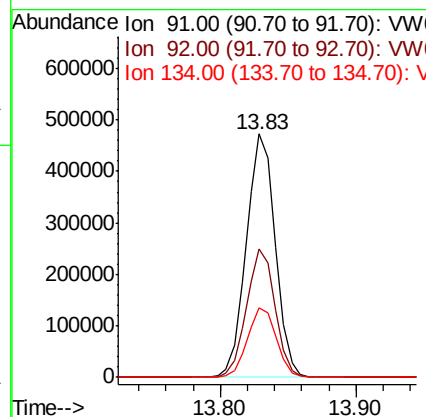
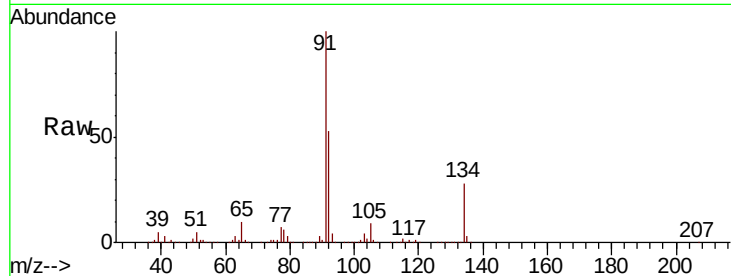
ClientSampleId :

VSTDICCC050

Tot Ion:	91	Resp:	700004
Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.4	79.0
134	28.5	14.3	42.9

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#90

Hexachloroethane

Concen: 48.003 ug/l

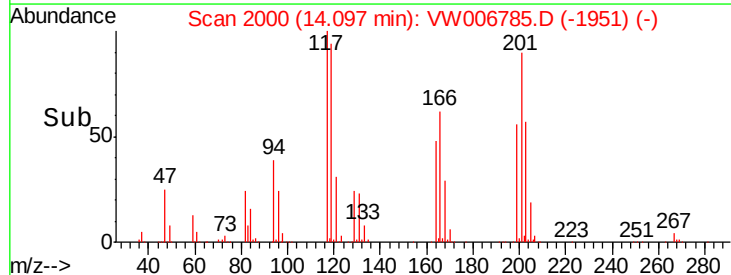
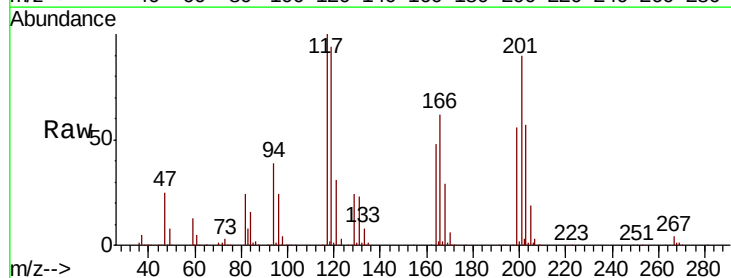
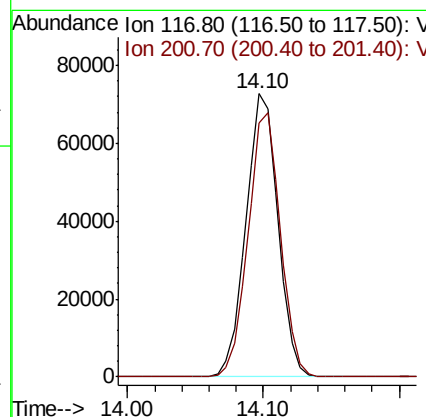
RT: 14.10 min Scan# 2000

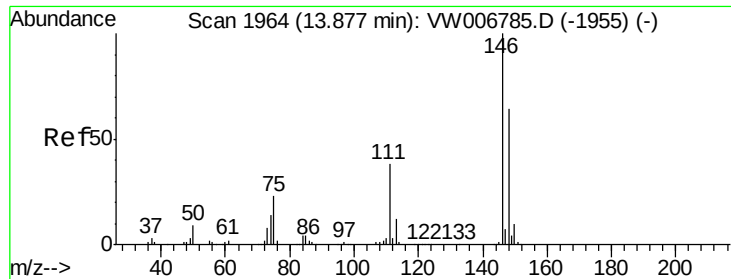
Delta R.T. 0.00 min

Lab File: VW006785.D

Acq: 09 Nov 2018 13:32

Tgt Ion:	117	Resp:	119827
Ion	Ratio	Lower	Upper
117	100		
201	94.1	46.8	140.3





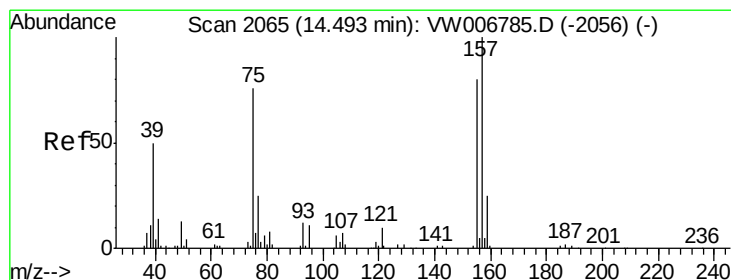
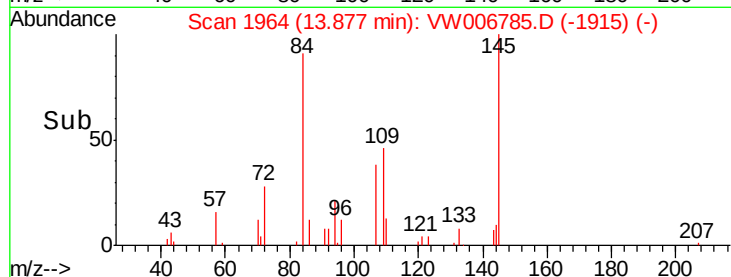
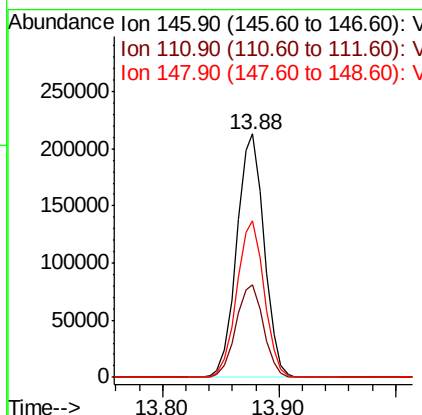
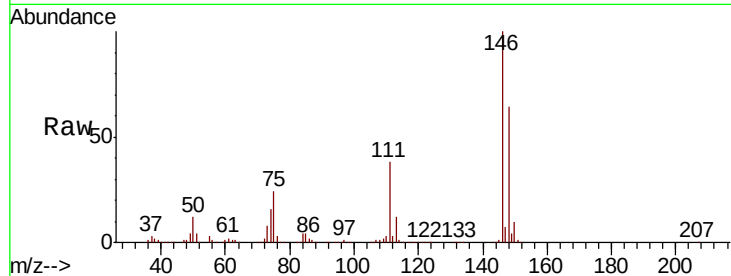
#91
 1,2-Dichlorobenzene
 Concen: 47.841 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006785.D
 Acq: 09 Nov 2018 13:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.1	57.5
148	64.1	32.0	96.0

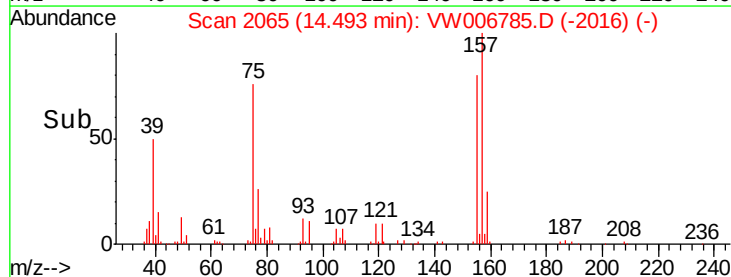
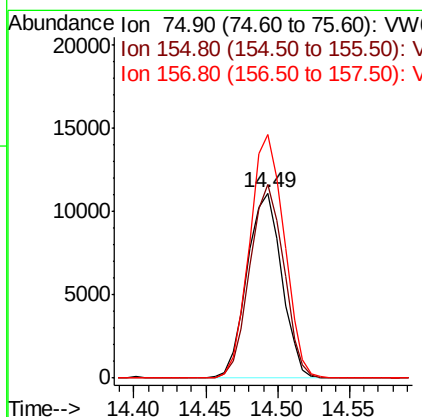
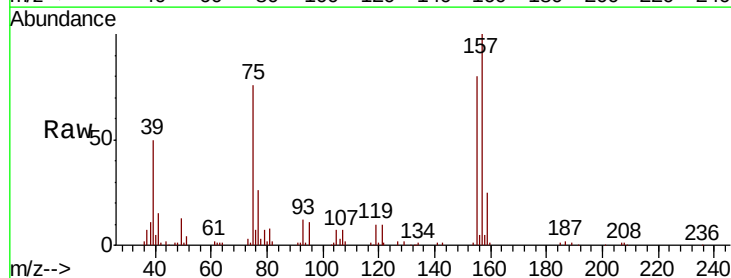
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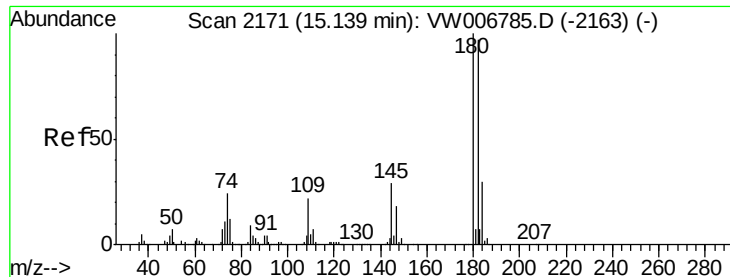
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.394 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006785.D
 Acq: 09 Nov 2018 13:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.1	50.6	151.8
157	131.0	65.0	195.0





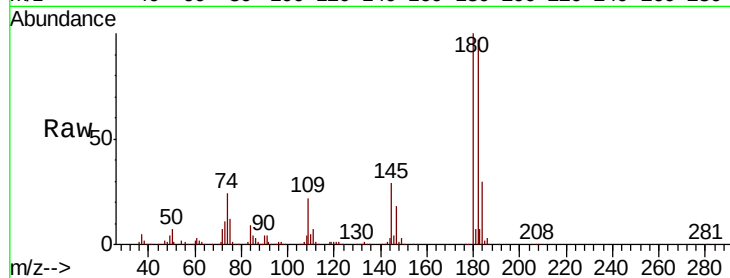
#93
 1,2,4-Trichlorobenzene
 Concen: 48.975 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006785.D
 Acq: 09 Nov 2018 13:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	265700		
182	95.9	47.5	142.6	
145	28.2	14.0	42.0	

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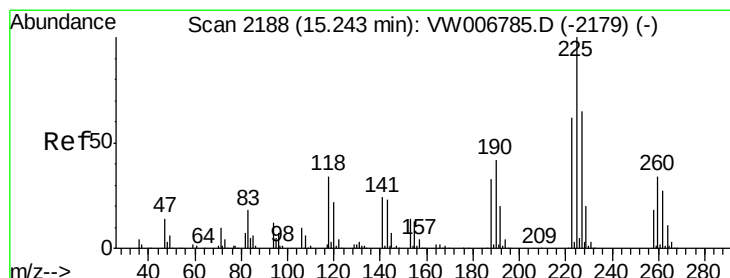
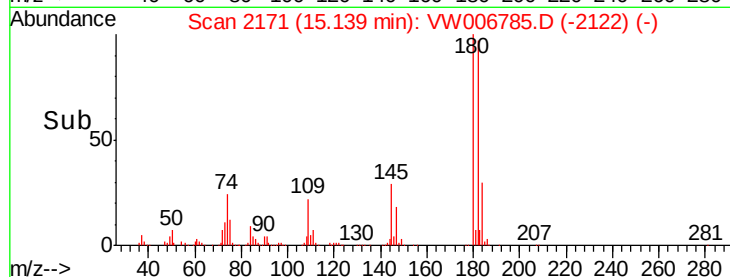
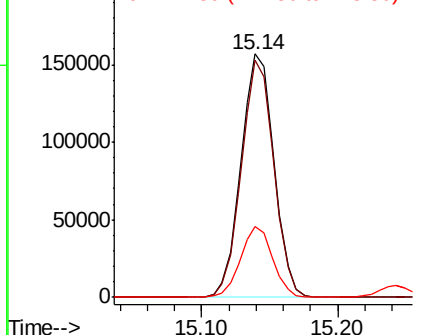


Abundance

Ion 179.80 (179.50 to 180.50): V

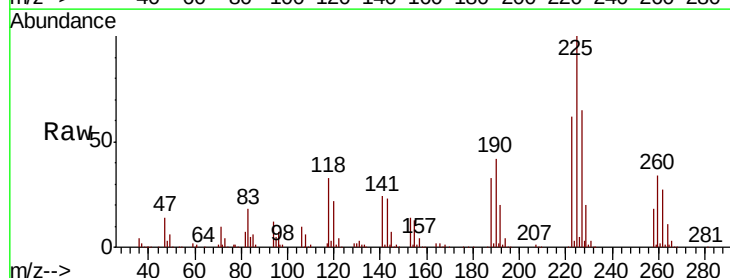
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 48.948 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006785.D
 Acq: 09 Nov 2018 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	165507		
223	61.7	31.4	94.2	
227	63.8	32.2	96.6	

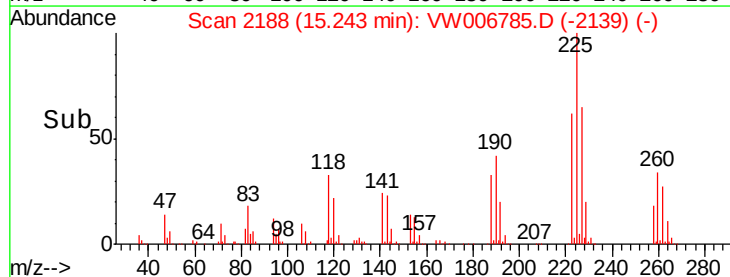
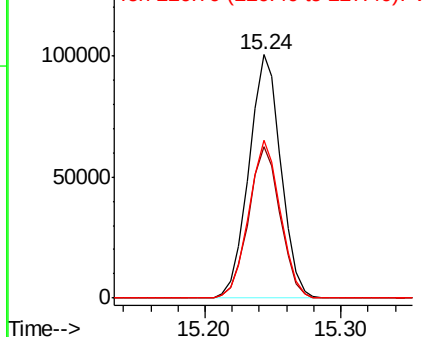


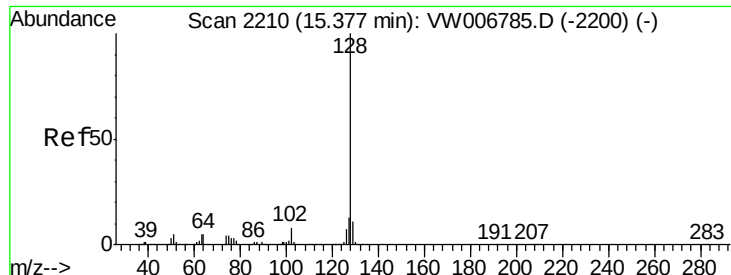
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





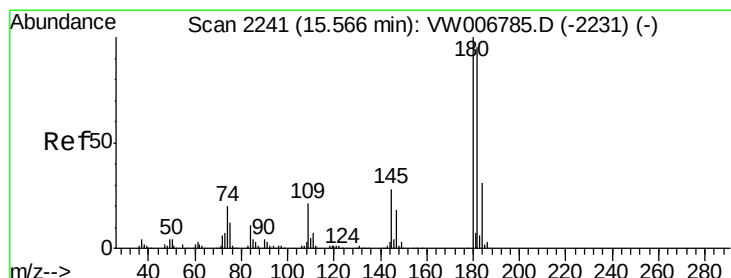
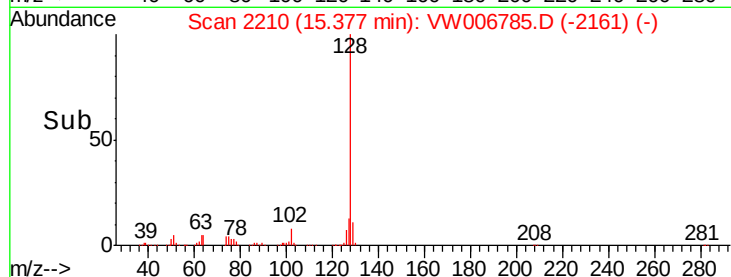
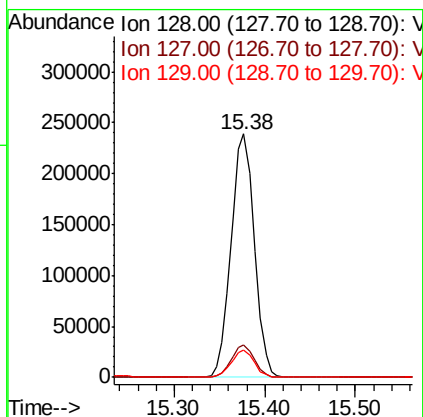
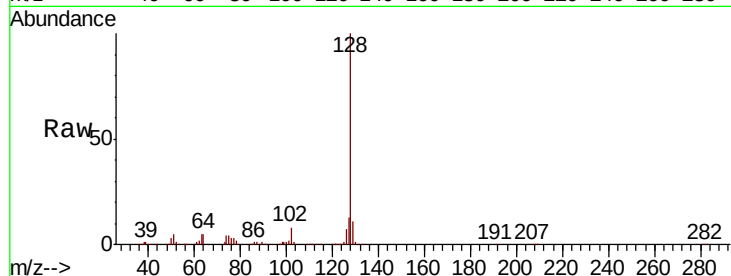
#95
Naphthalene
Concen: 48.749 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	11.0	8.7	13.1

Manual Integrations
APPROVED

apatel
11/12/2018 3:40:38 PM



#96
1,2,3-Trichlorobenzene
Concen: 48.760 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006785.D
Acq: 09 Nov 2018 13:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.2	144.6
145	29.1	14.9	44.5

