

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110918\
 Data File : VW006786.D
 Acq On : 09 Nov 2018 13:58
 Operator : SY/AP
 Sample : VSTDIC075
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Manual Integrations
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Quant Time: Nov 09 14:24:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110918S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 09 13:58:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	308448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	406073	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	401209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	231836	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	150243	56.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.34%	
35) Dibromofluoromethane	7.89	113	157820	61.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.86%	
50) Toluene-d8	10.33	98	686661	70.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	141.56%	
62) 4-Bromofluorobenzene	12.62	95	253303	72.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	144.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	167867	104.983	ug/l	99
3) Chloromethane	2.21	50	203494	102.857	ug/l	99
4) Vinyl Chloride	2.36	62	217833	78.855	ug/l	100
5) Bromomethane	2.78	94	142945	61.659	ug/l	100
6) Chloroethane	2.92	64	137947	71.470	ug/l	98
7) Trichlorofluoromethane	3.26	101	266992	109.448	ug/l	99
8) Diethyl Ether	3.69	74	77899	58.418	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	171743	65.930	ug/l	100
10) Methyl Iodide	4.28	142	270123	57.191	ug/l	100
11) Tert butyl alcohol	5.21	59	53408	373.860	ug/l	100
12) 1,1-Dichloroethene	4.04	96	152601	60.654	ug/l	100
13) Acrolein	3.90	56	55563	309.245	ug/l	99
14) Allyl chloride	4.68	41	205676	62.628	ug/l	99
15) Acrylonitrile	5.38	53	174240	364.417	ug/l	99
16) Acetone	4.15	43	112243	262.209	ug/l	95
17) Carbon Disulfide	4.39	76	523714	73.148	ug/l	100
18) Methyl Acetate	4.68	43	77878	63.268	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	382540	102.147	ug/l	100
20) Methylene Chloride	4.92	84	184046	55.219	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	177649	62.401	ug/l	99
22) Diisopropyl ether	6.32	45	443124	64.722	ug/l	99
23) Vinyl Acetate	6.26	43	1312883	345.791	ug/l	99
24) 1,1-Dichloroethane	6.23	63	278526	60.025	ug/l	99
25) 2-Butanone	7.18	43	197514	323.351	ug/l	99
26) 2,2-Dichloropropane	7.17	77	255981	91.580	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	190751	59.890	ug/l	99
28) Bromochloromethane	7.52	49	107361	58.268	ug/l	100
29) Tetrahydrofuran	7.54	42	130677	340.126	ug/l	99
30) Chloroform	7.68	83	302106	59.383	ug/l	99
31) Cyclohexane	7.96	56	273527	64.767	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	285887	66.411	ug/l	98
36) 1,1-Dichloropropene	8.09	75	254993	71.406	ug/l	100
37) Ethyl Acetate	7.26	43	92838	75.020	ug/l	99
38) Carbon Tetrachloride	8.07	117	266015	71.290	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	337017	74.368	ug/l	99
40) Benzene	8.33	78	723569	71.337	ug/l	98
41) Methacrylonitrile	7.49	41	58066	76.520	ug/l	89
42) 1,2-Dichloroethane	8.40	62	191388	65.794	ug/l	99
43) Isopropyl Acetate	8.43	43	182316	73.829	ug/l	98
44) Trichloroethene	9.10	130	219586	70.156	ug/l	100
45) 1,2-Dichloropropane	9.37	63	167453	70.940	ug/l	100
46) Dibromomethane	9.46	93	94627	68.196	ug/l	99
47) Bromodichloromethane	9.65	83	227543	70.625	ug/l	99
48) Methyl methacrylate	9.44	41	89562	75.277	ug/l	98
49) 1,4-Dioxane	9.47	88	31578	1555.036	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	481458	379.621	ug/l	99
52) Toluene	10.39	92	522026	76.734	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	238469	76.908	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	275154	75.093	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	142021	72.137	ug/l	99
56) Ethyl methacrylate	10.65	69	175334	78.354	ug/l	97
57) 1,3-Dichloropropane	10.93	76	227960	71.306	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	428145	393.601	ug/l	100
59) 2-Hexanone	10.97	43	336763	390.952	ug/l	99
60) Dibromochloromethane	11.13	129	177394	76.049	ug/l	100
61) 1,2-Dibromoethane	11.24	107	139953	71.584	ug/l	100
64) Tetrachloroethene	10.87	164	212228	66.358	ug/l	99
65) Chlorobenzene	11.66	112	599067	70.957	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	195059	65.733	ug/l	99
67) Ethyl Benzene	11.74	91	1036410	73.444	ug/l	100
68) m/p-Xylenes	11.84	106	846036	150.063	ug/l	100
69) o-Xylene	12.17	106	395923	73.765	ug/l	100
70) Styrene	12.18	104	654608	74.807	ug/l	99
71) Bromoform	12.35	173	112859	71.748	ug/l #	99
73) Isopropylbenzene	12.47	105	1087144	71.184	ug/l	100
74) N-amyl acetate	12.28	43	187230	70.945	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	161609	66.999	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	122767m	67.870	ug/l	
77) Bromobenzene	12.75	156	273848	69.256	ug/l	99
78) n-propylbenzene	12.81	91	1280961	72.921	ug/l	100
79) 2-Chlorotoluene	12.90	91	713897	70.813	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	932717	72.695	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	49803	79.955	ug/l	98
82) 4-Chlorotoluene	12.99	91	760815	71.333	ug/l	100
83) tert-Butylbenzene	13.21	119	824446	72.055	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	962411	73.129	ug/l	100
85) sec-Butylbenzene	13.39	105	1161103	72.455	ug/l	100
86) p-Isopropyltoluene	13.51	119	1070445	73.411	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	551360	70.803	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	543162	70.366	ug/l	100
89) n-Butylbenzene	13.83	91	984272	76.042	ug/l	100
90) Hexachloroethane	14.10	117	167858	70.042	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	485664	69.334	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	26537	67.801	ug/l	97

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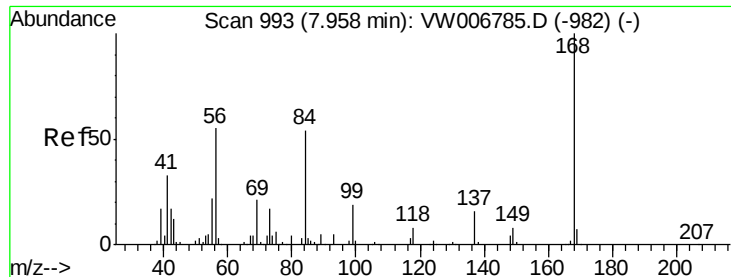
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	370984	71.226	ug/l	99
94) Hexachlorobutadiene	15.24	225	225052	69.327	ug/l	100
95) Naphthalene	15.38	128	615197	73.490	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	319587	69.814	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006786.D

Acq: 09 Nov 2018 13:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion:168 Resp: 308448

Ion Ratio Lower Upper

168 100

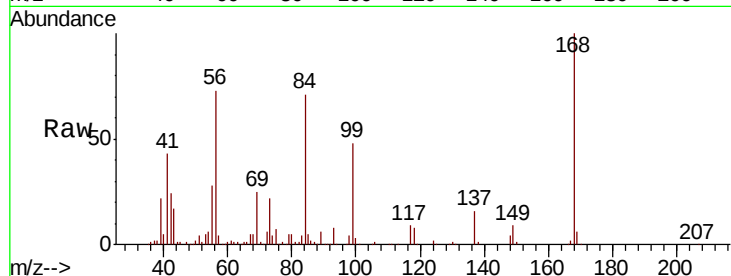
99 48.0 36.8 55.2

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

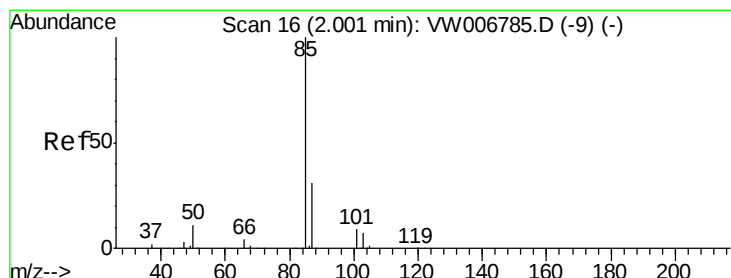
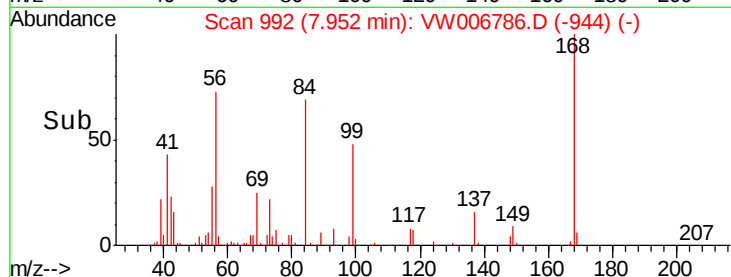
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 104.983 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW006786.D

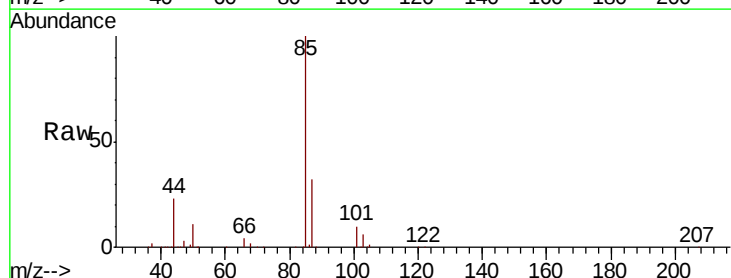
Acq: 09 Nov 2018 13:58

Tgt Ion: 85 Resp: 167867

Ion Ratio Lower Upper

85 100

87 32.2 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

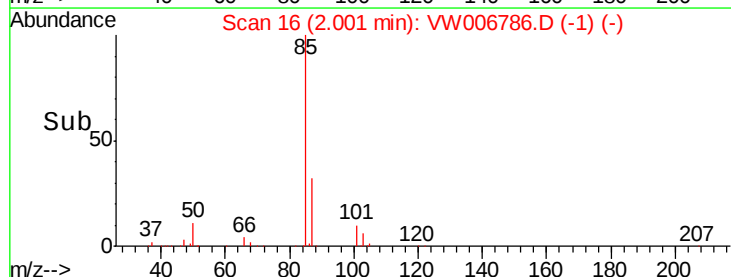
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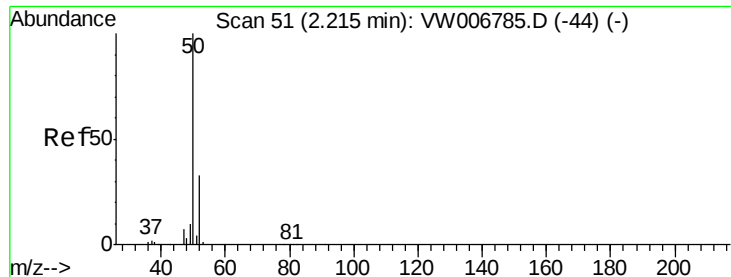
100000

50000

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Time-->





#3

Chloromethane

Concen: 102.857 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW006786.D

Acq: 09 Nov 2018 13:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 50 Resp: 203494

Ion Ratio Lower Upper

50 100

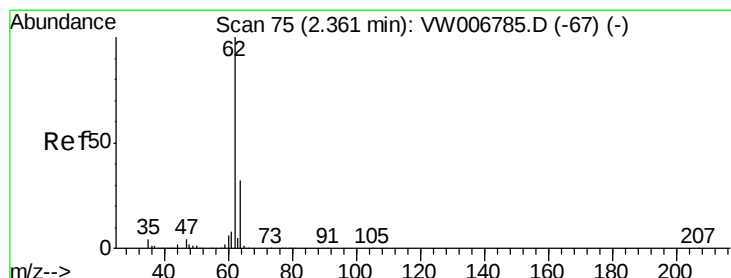
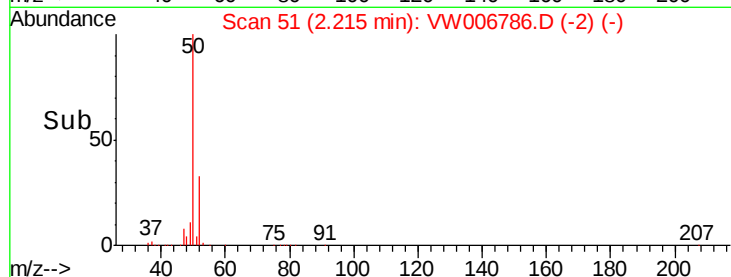
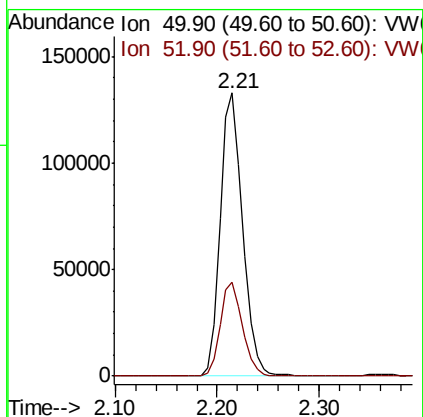
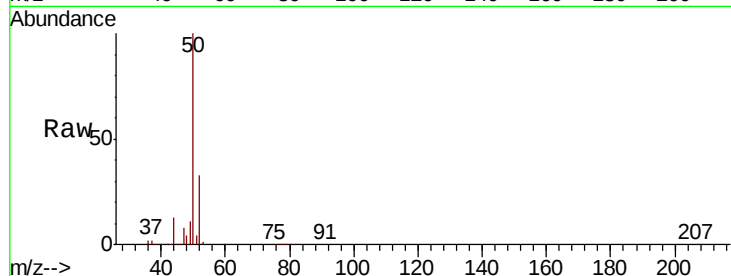
52 33.4 26.2 39.4

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#4

Vinyl Chloride

Concen: 78.855 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW006786.D

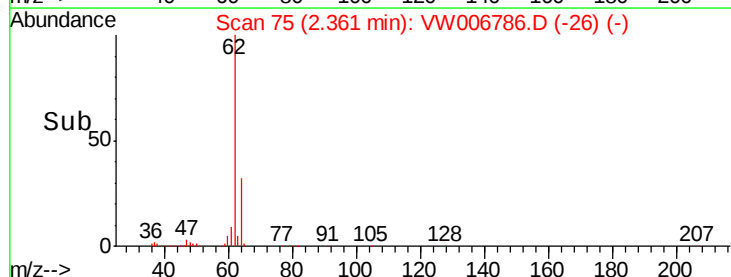
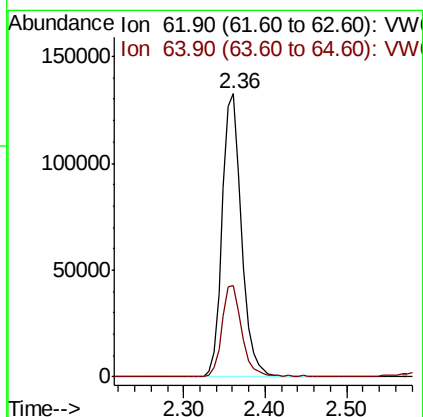
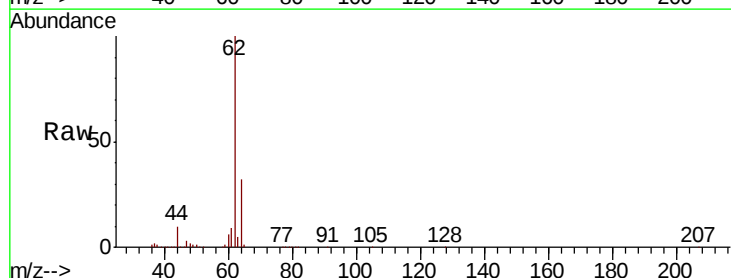
Acq: 09 Nov 2018 13:58

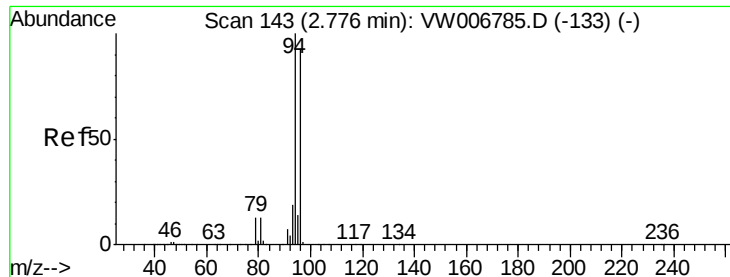
Tgt Ion: 62 Resp: 217833

Ion Ratio Lower Upper

62 100

64 32.0 25.8 38.6





#5

Bromomethane

Concen: 61.659 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW006786.D

Acq: 09 Nov 2018 13:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 94 Resp: 142945

Ion Ratio Lower Upper

94 100

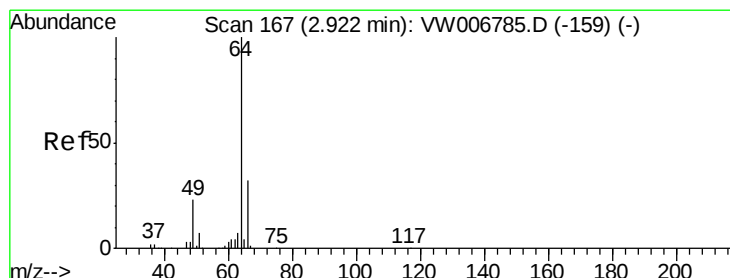
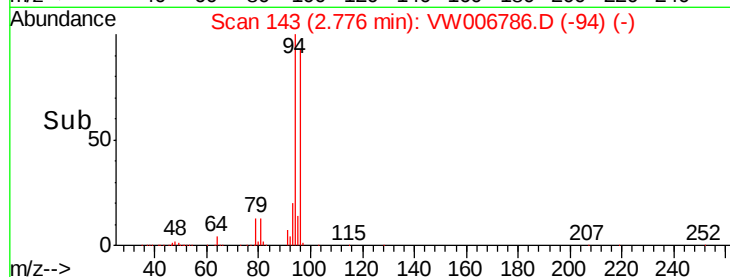
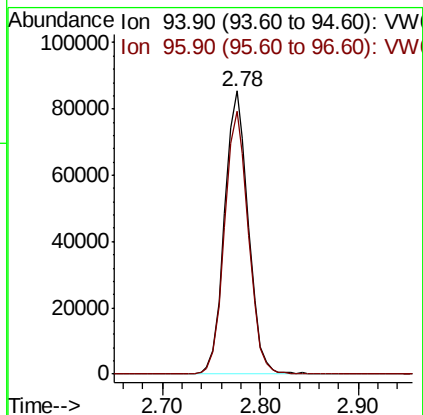
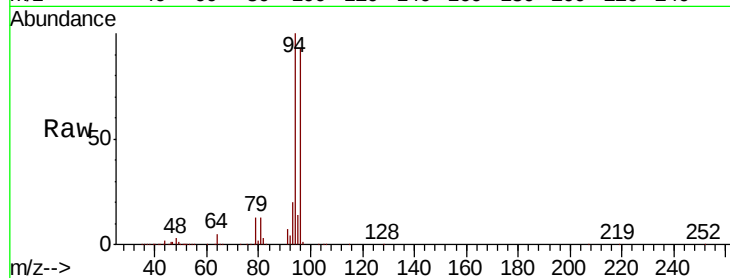
96 93.0 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 71.470 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW006786.D

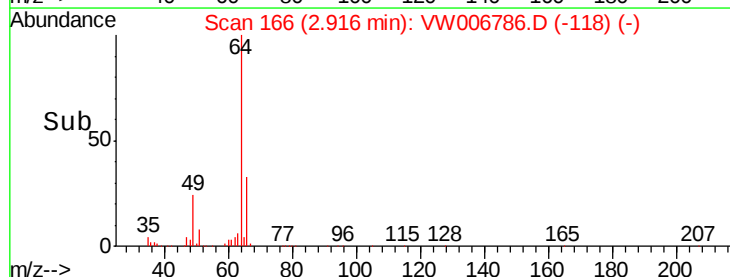
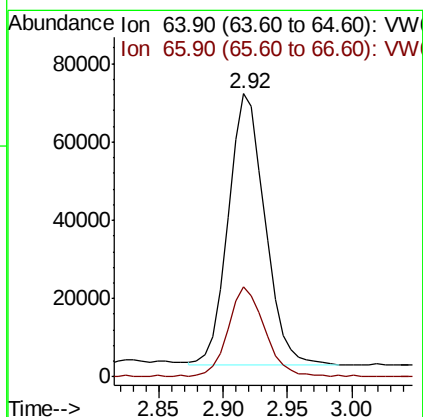
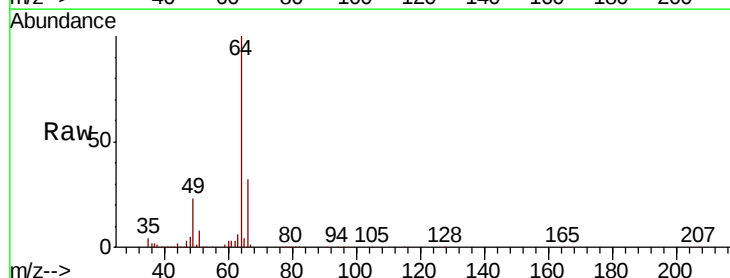
Acq: 09 Nov 2018 13:58

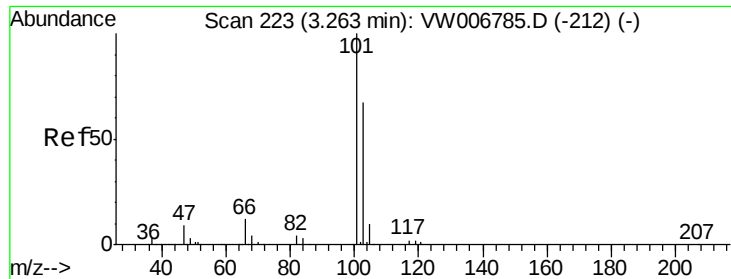
Tgt Ion: 64 Resp: 137947

Ion Ratio Lower Upper

64 100

66 32.7 25.4 38.2





#7

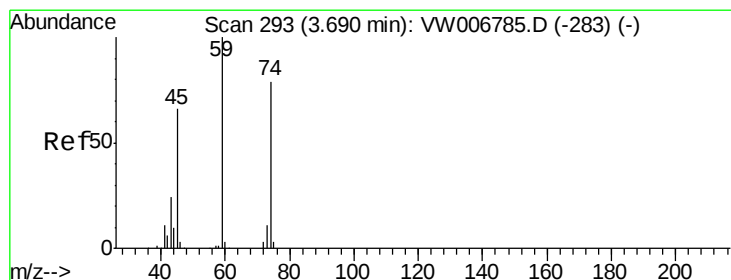
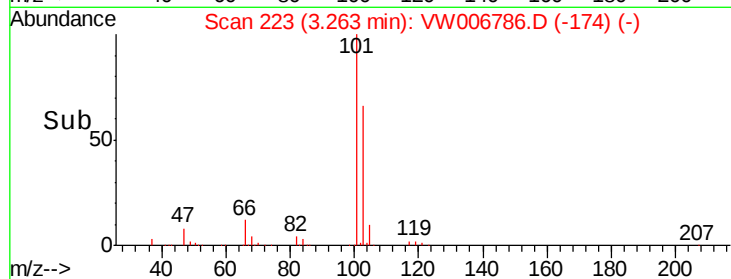
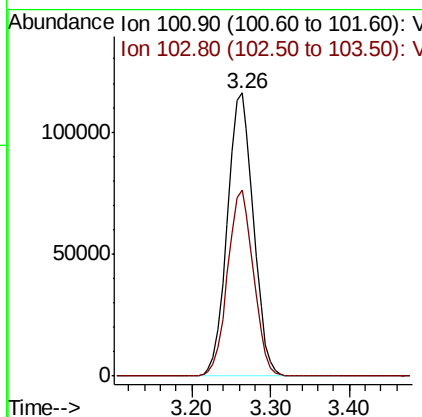
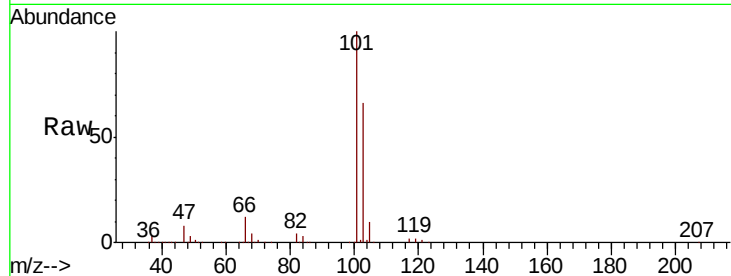
Trichlorofluoromethane
Concen: 109.448 ug/l
RT: 3.26 min Scan# 223
Delta R.T. 0.00 min
Lab File: VW006786.D
Acq: 09 Nov 2018 13:58

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	266992		
103	65.9	53.4	80.0	

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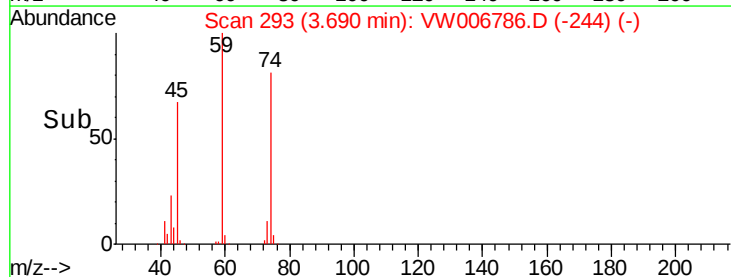
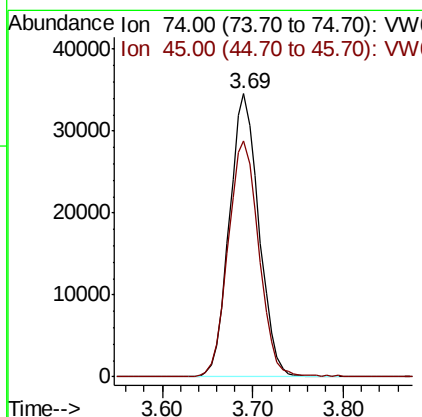
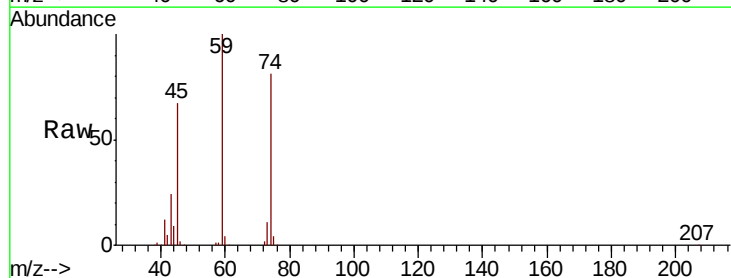
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11/12/2018 3:40:48 PM

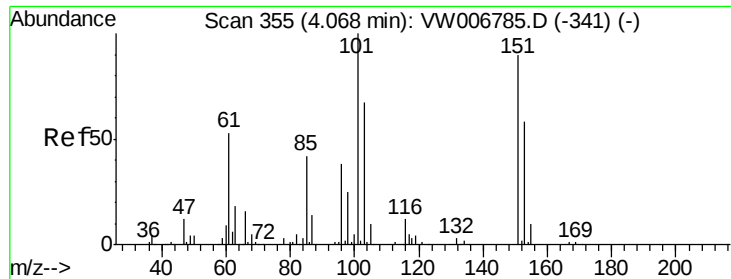


#8

Diethyl Ether
Concen: 58.418 ug/l
RT: 3.69 min Scan# 293
Delta R.T. 0.00 min
Lab File: VW006786.D
Acq: 09 Nov 2018 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	77899		
45	87.5	44.0	132.1	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 65.930 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW006786.D

Acq: 09 Nov 2018 13:58

Instrument :

MSVOA_W

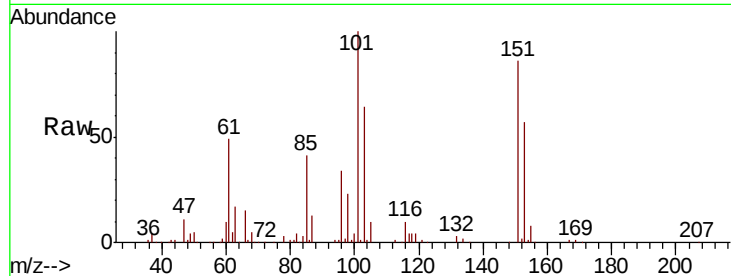
ClientSampleId :

VSTDIC075

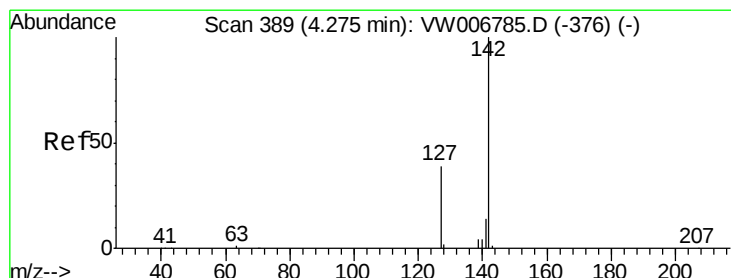
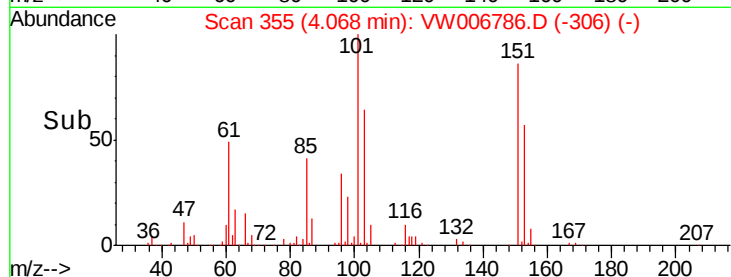
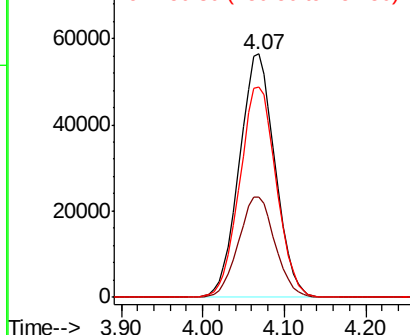
Tot Ion:	101	Resp:	171743
Ion Ratio	Lower	Upper	
101	100		
85	42.1	34.0	51.0
151	88.5	70.7	106.1

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 57.191 ug/l

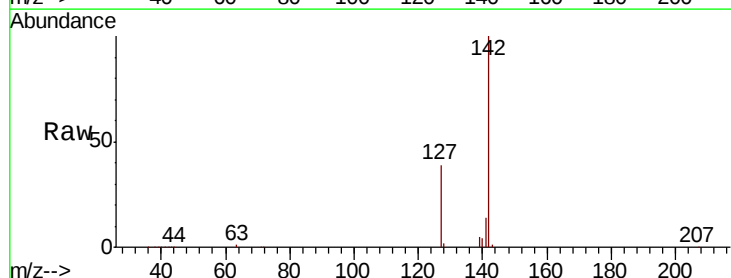
RT: 4.28 min Scan# 389

Delta R.T. 0.00 min

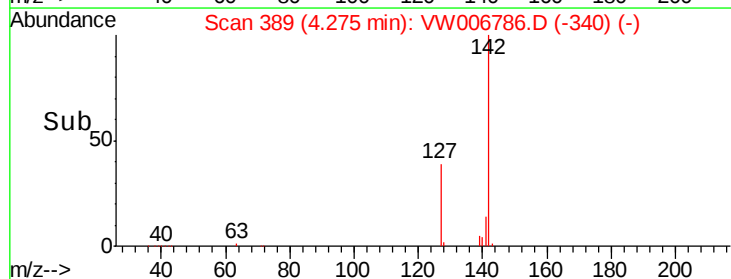
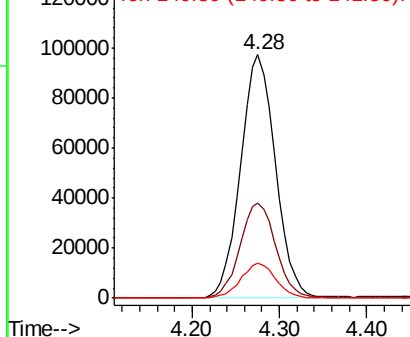
Lab File: VW006786.D

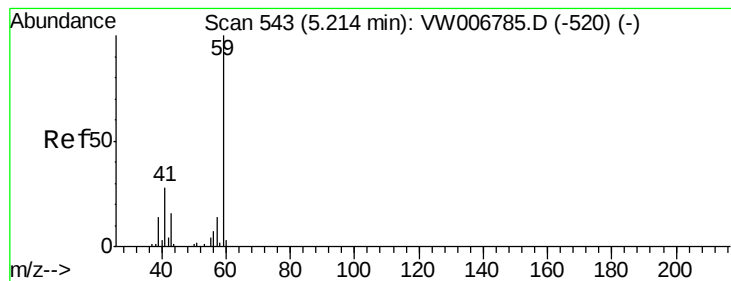
Acq: 09 Nov 2018 13:58

Tgt Ion:	142	Resp:	270123
Ion Ratio	Lower	Upper	
142	100		
127	40.1	32.3	48.5
141	14.4	11.4	17.0



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

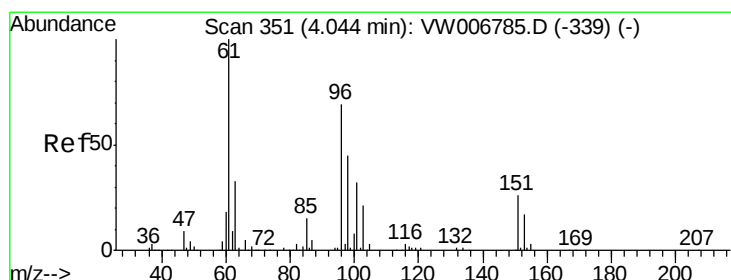
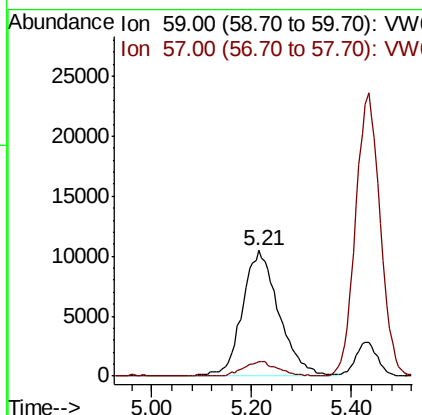
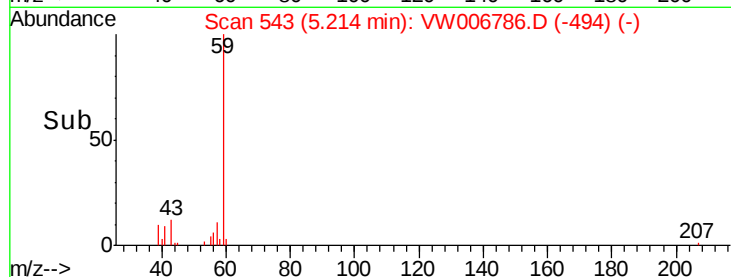
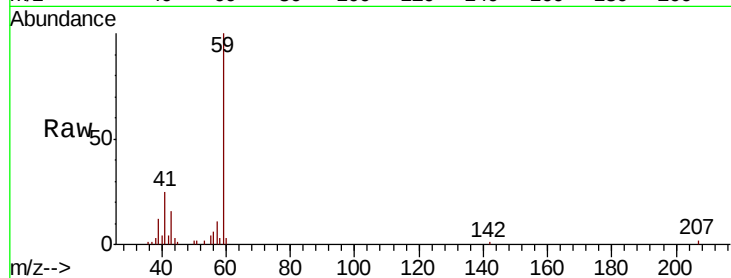
Tert butyl alcohol
Concen: 373.860 ug/l
RT: 5.21 min Scan# 543
Delta R.T. 0.00 min
Lab File: VW006786.D
Acq: 09 Nov 2018 13:58

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion	59	57	Ratio	100	10.8	Resp	53408	Lower	8.7	Upper	13.1
Ion	59	57	Ratio	100	10.8	Resp	53408	Lower	8.7	Upper	13.1

Manual Integrations
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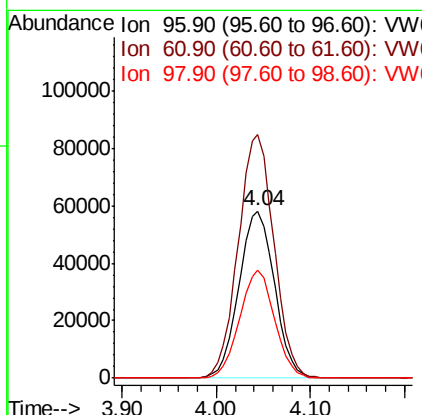
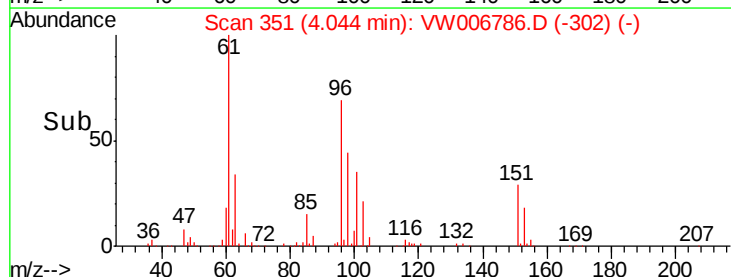
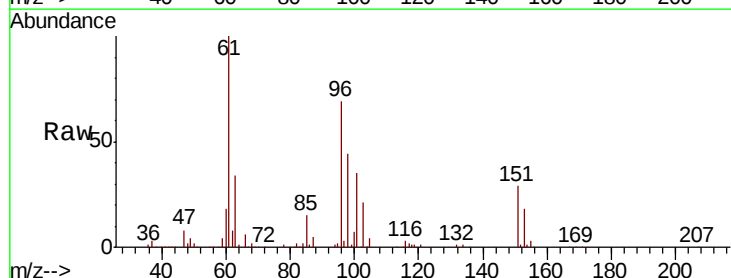
apatel
11/12/2018 3:40:48 PM

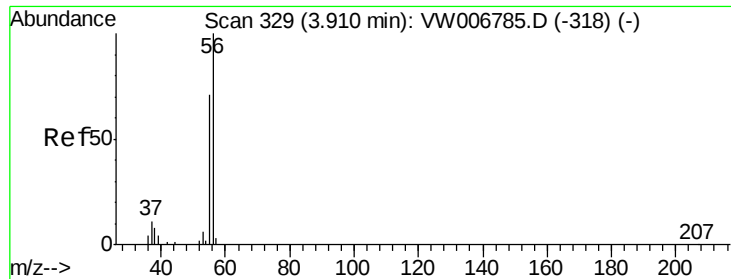


#12

1,1-Dichloroethene
Concen: 60.654 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.00 min
Lab File: VW006786.D
Acq: 09 Nov 2018 13:58

Tgt Ion	96	61	98	Ratio	100	145.5	64.7	Resp	152601	Lower	116.0	52.0	Upper	174.0	78.0
Ion	96	61	98	Ratio	100	145.5	64.7	Resp	152601	Lower	116.0	52.0	Upper	174.0	78.0





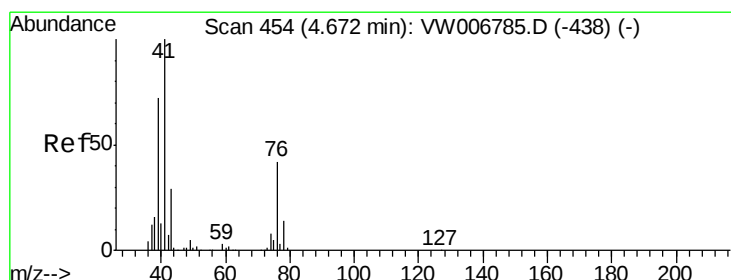
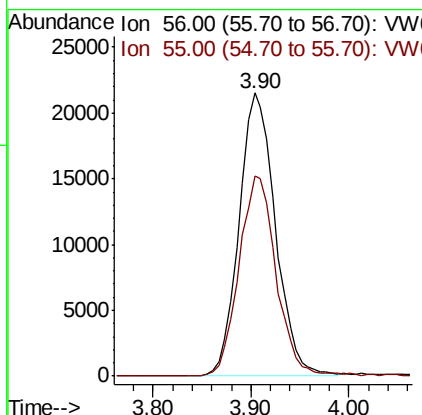
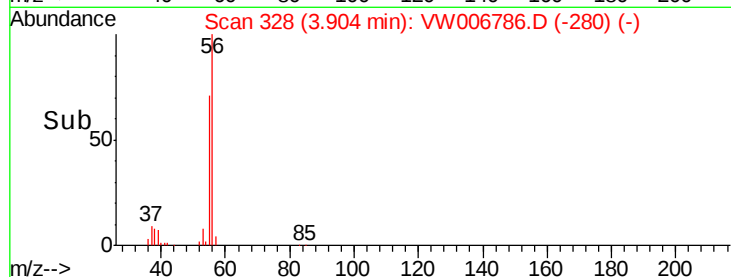
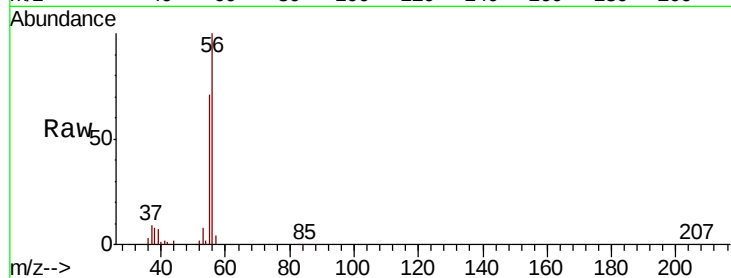
#13
Acrolein
Concen: 309.245 ug/l
RT: 3.90 min Scan# 328
Delta R.T. -0.01 min
Lab File: VW006786.D
Acq: 09 Nov 2018 13:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.3	56.9	85.3

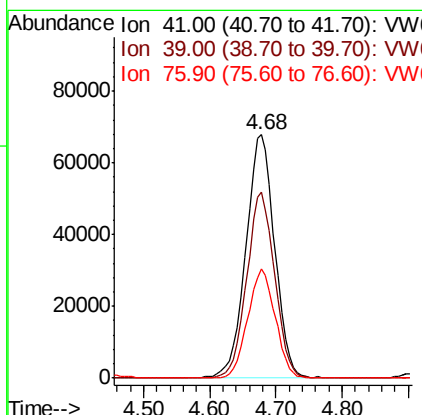
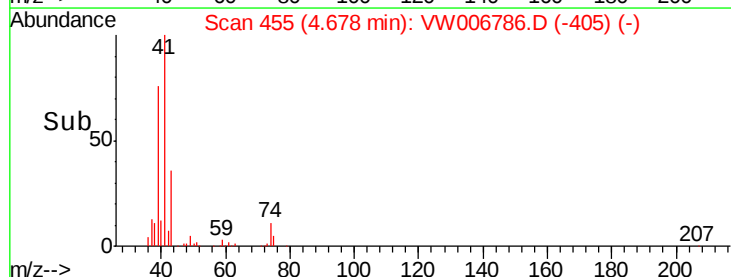
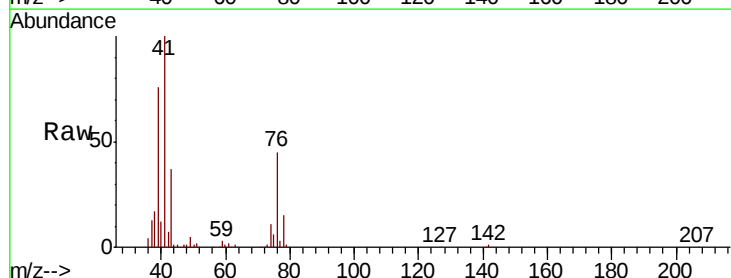
Manual Integrations
APPROVED

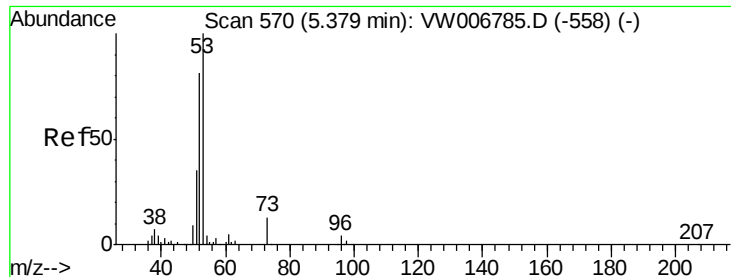
apatel
11/12/2018 3:40:48 PM



#14
Allyl chloride
Concen: 62.628 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW006786.D
Acq: 09 Nov 2018 13:58

Tgt Ion	Ratio	Lower	Upper
41	100		
39	73.8	60.0	90.0
76	42.6	34.2	51.4





#15

Acrylonitrile

Concen: 364.417 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.01 min

Lab File: VW006786.D

Acq: 09 Nov 2018 13:58

Instrument :

MSVOA_W

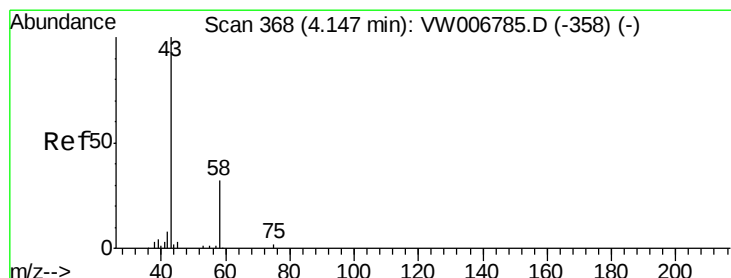
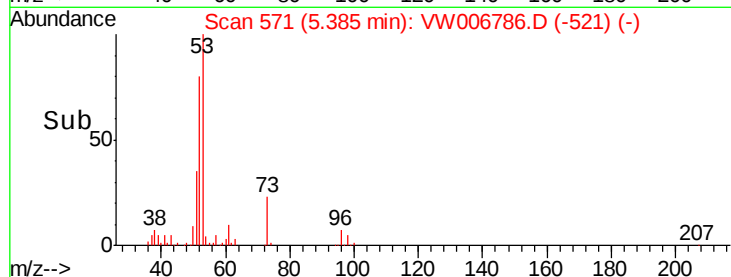
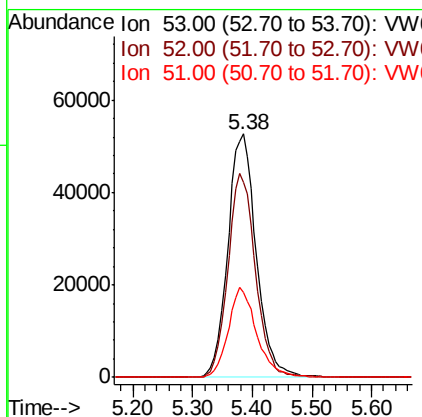
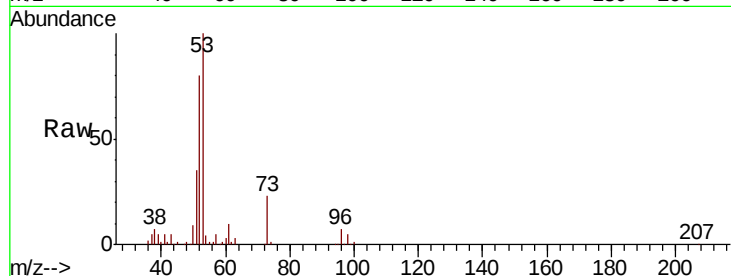
ClientSampleId :

VSTDIC075

Tot Ion:	53	Resp:	174240
Ion	Ratio	Lower	Upper
53	100		
52	81.5	65.2	97.8
51	36.9	30.2	45.4

Manual Integrations
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#16

Acetone

Concen: 262.209 ug/l

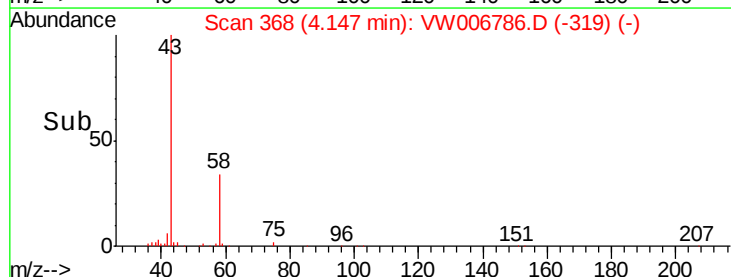
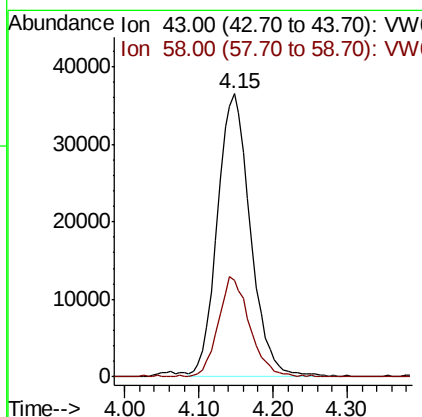
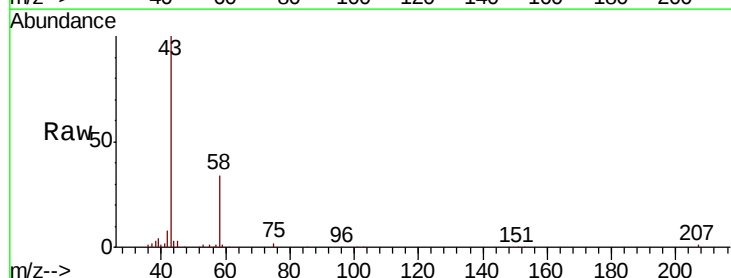
RT: 4.15 min Scan# 368

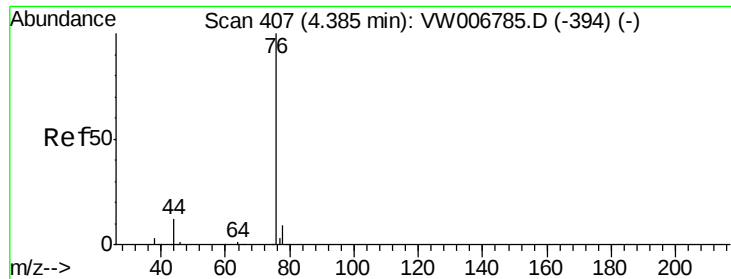
Delta R.T. 0.00 min

Lab File: VW006786.D

Acq: 09 Nov 2018 13:58

Tgt Ion:	43	Resp:	112243
Ion	Ratio	Lower	Upper
43	100		
58	34.2	25.4	38.0





#17

Carbon Disulfide

Concen: 73.148 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW006786.D

Acq: 09 Nov 2018 13:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 76 Resp: 523714

Ion Ratio Lower Upper

76 100

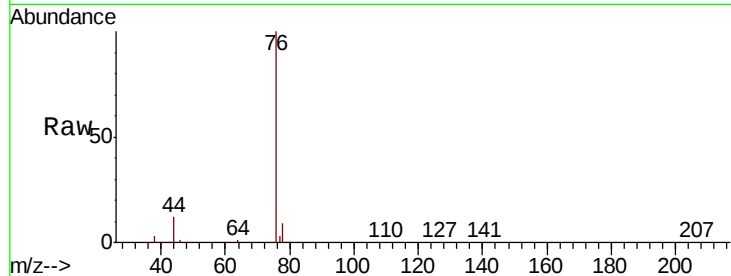
78 9.3 7.4 11.0

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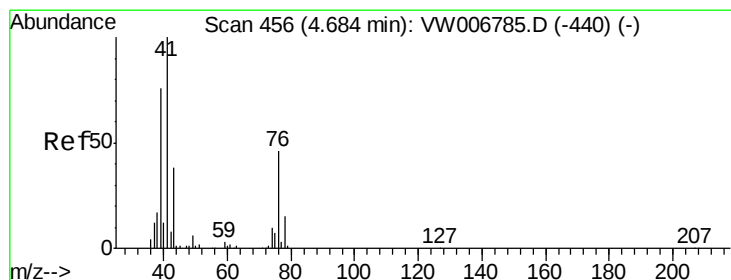
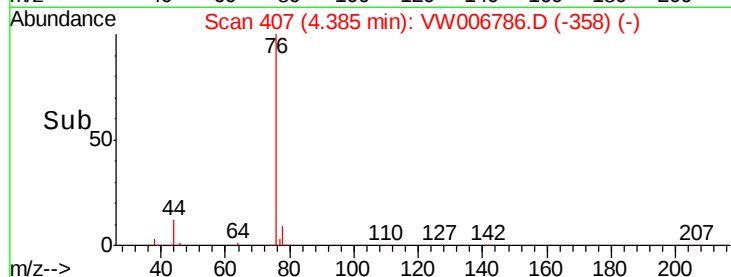
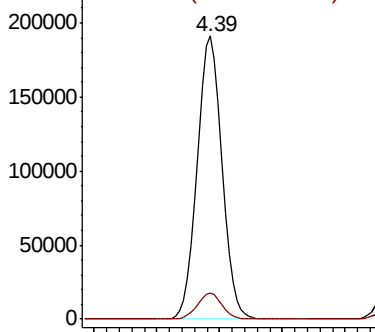
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 63.268 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.00 min

Lab File: VW006786.D

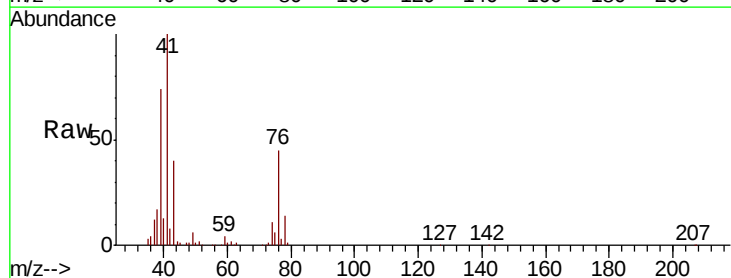
Acq: 09 Nov 2018 13:58

Tgt Ion: 43 Resp: 77878

Ion Ratio Lower Upper

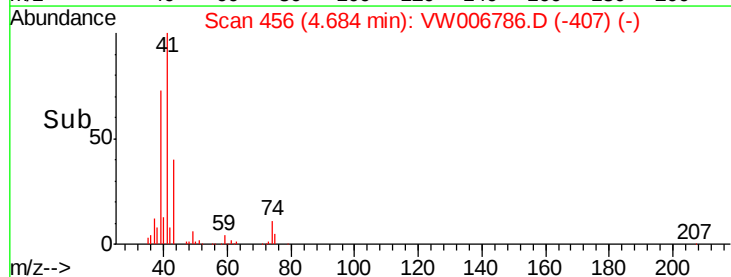
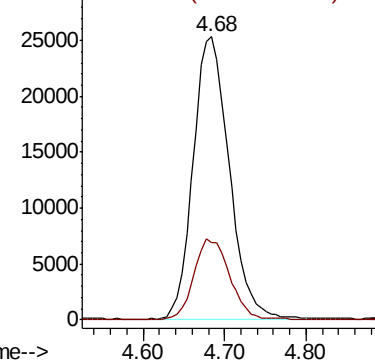
43 100

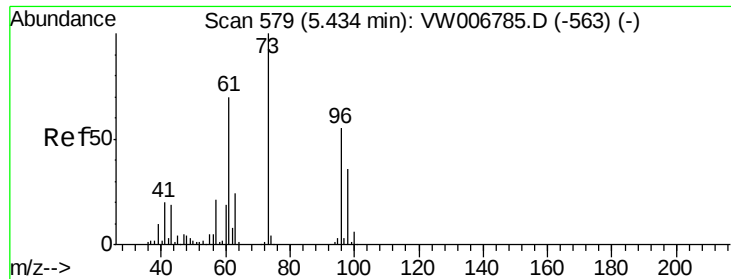
74 28.3 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





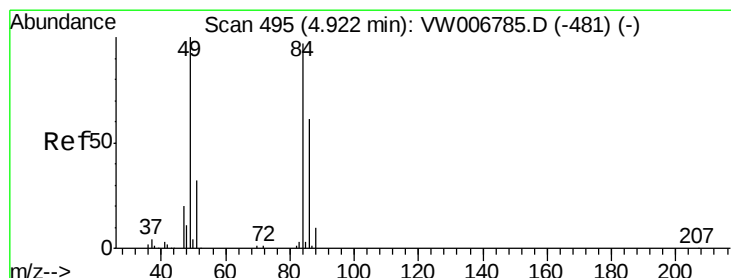
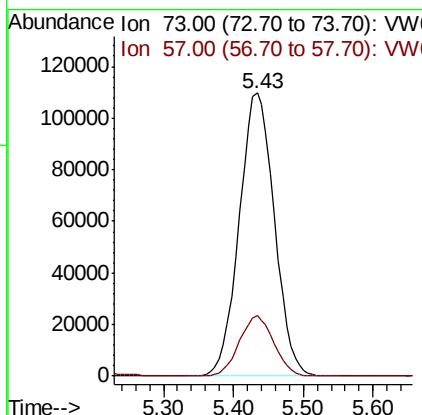
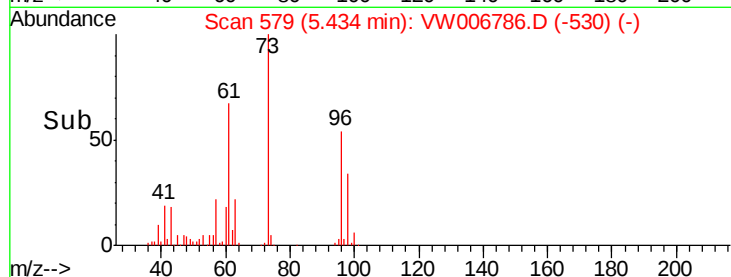
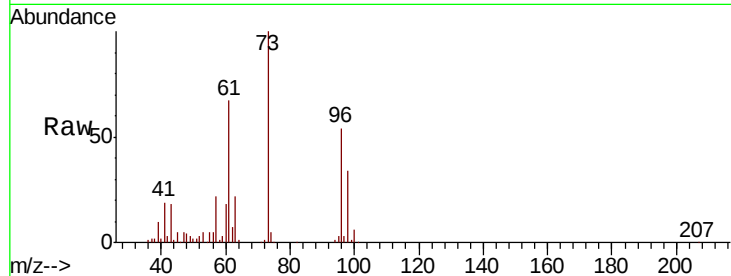
#19
Methyl tert-butyl Ether
Concen: 102.147 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW006786.D
Acq: 09 Nov 2018 13:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion: 73 Resp: 382540
Ion Ratio Lower Upper
73 100
57 21.5 17.0 25.6

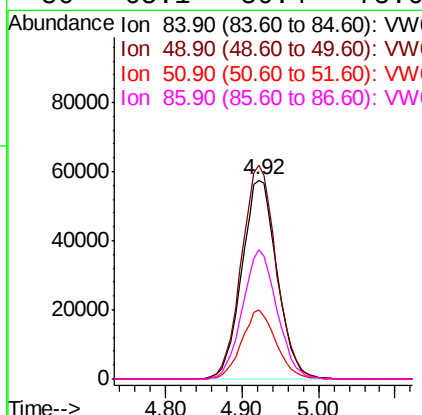
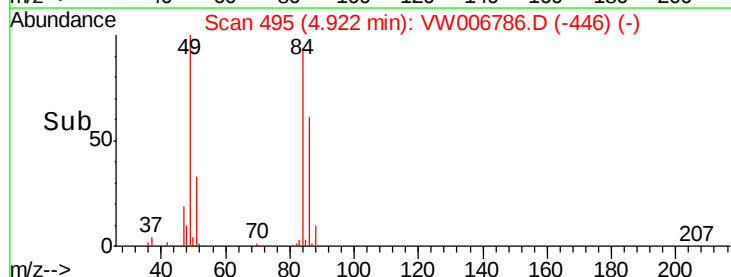
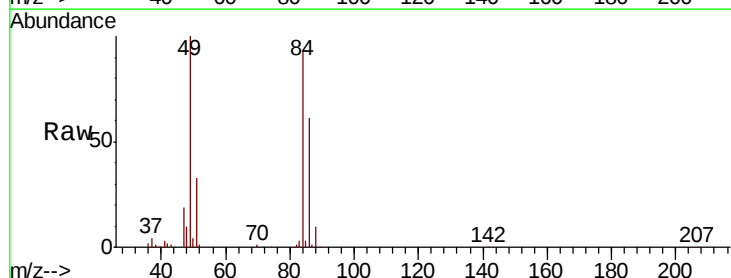
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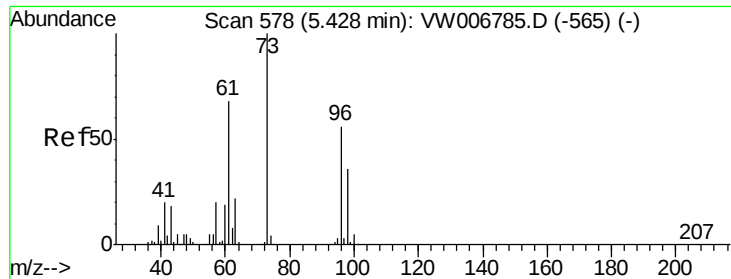
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#20
Methylene Chloride
Concen: 55.219 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW006786.D
Acq: 09 Nov 2018 13:58

Tgt Ion: 84 Resp: 184046
Ion Ratio Lower Upper
84 100
49 107.4 82.4 123.6
51 35.0 26.7 40.1
86 65.1 50.4 75.6





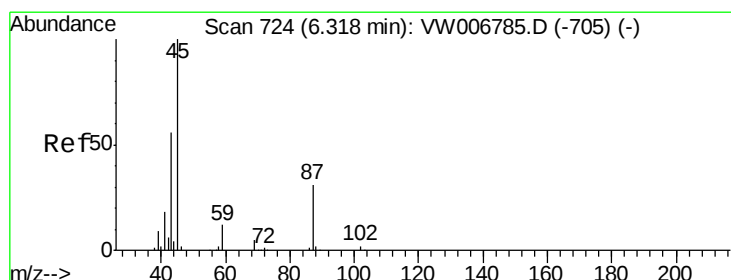
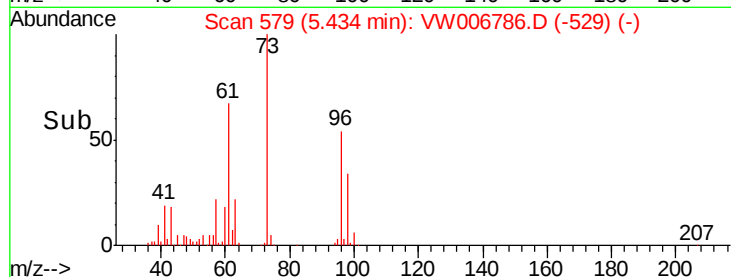
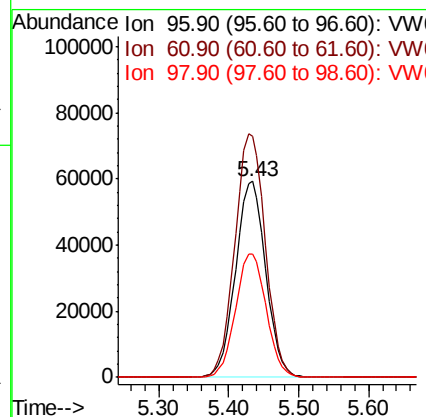
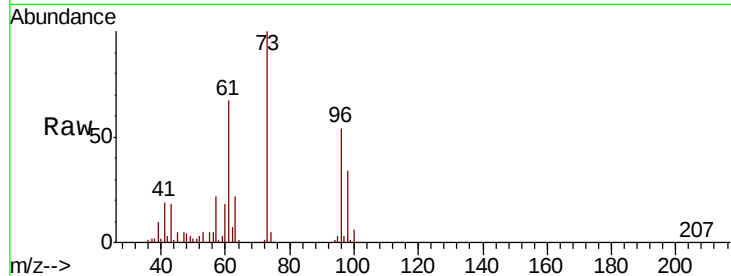
#21
trans-1,2-Dichloroethene
Concen: 62.401 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW006786.D
Acq: 09 Nov 2018 13:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
96	100		
61	123.4	97.6	146.4
98	62.9	51.6	77.4

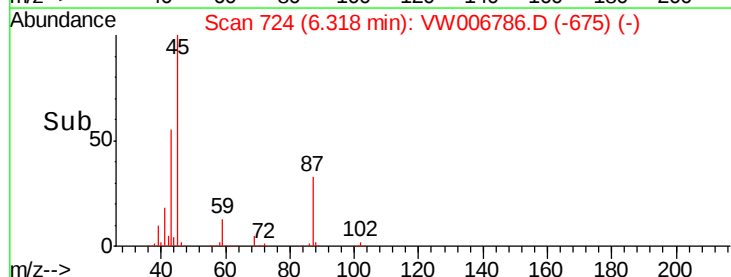
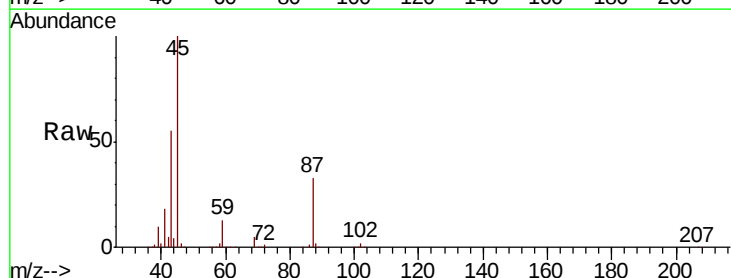
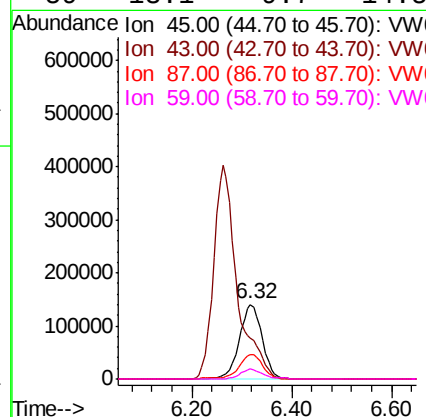
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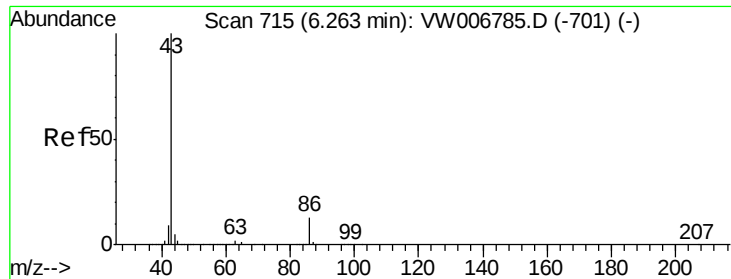
apatel
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#22
Diisopropyl ether
Concen: 64.722 ug/l
RT: 6.32 min Scan# 724
Delta R.T. 0.00 min
Lab File: VW006786.D
Acq: 09 Nov 2018 13:58

Tgt Ion	Ratio	Lower	Upper
45	100		
43	55.1	44.6	66.8
87	32.7	25.5	38.3
59	13.1	9.7	14.5





#23

Vinyl Acetate

Concen: 345.791 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW006786.D

Acq: 09 Nov 2018 13:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 43 Resp: 1312883

Ion Ratio Lower Upper

43 100

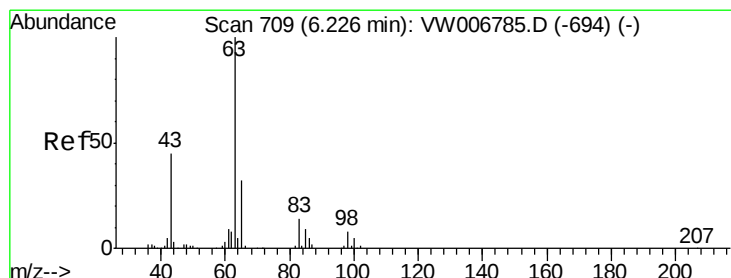
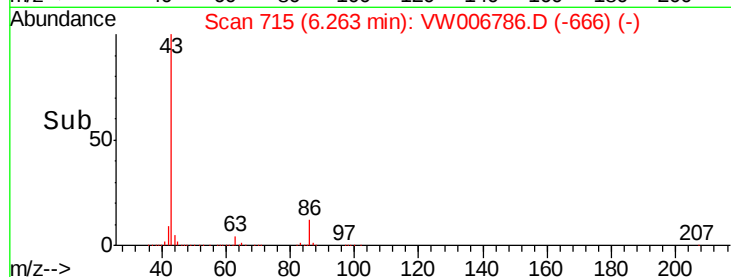
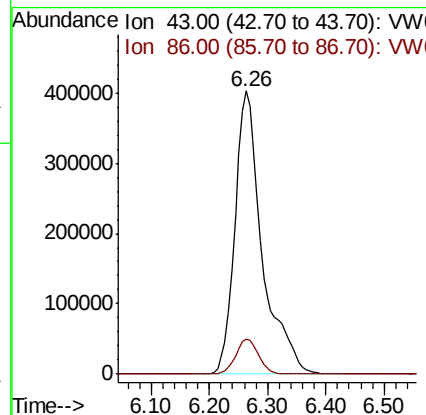
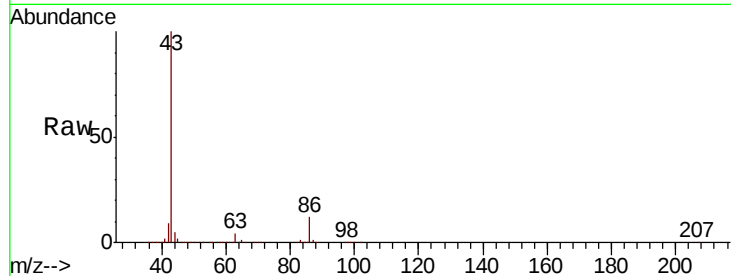
86 12.2 10.0 15.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 60.025 ug/l

RT: 6.23 min Scan# 709

Delta R.T. 0.00 min

Lab File: VW006786.D

Acq: 09 Nov 2018 13:58

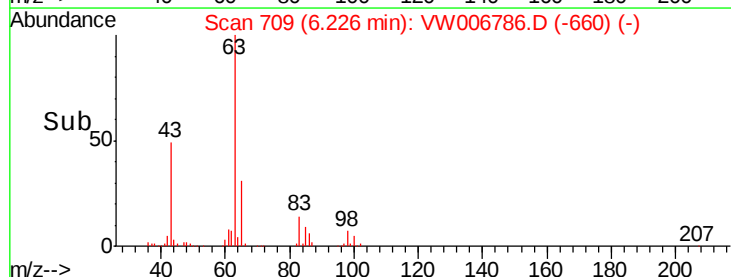
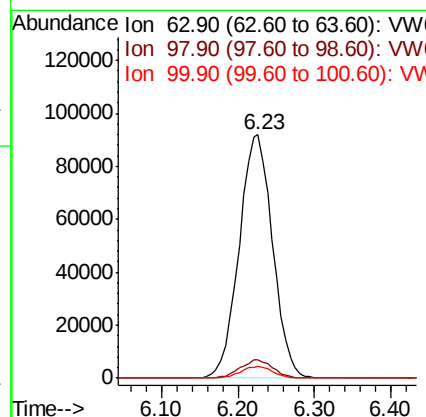
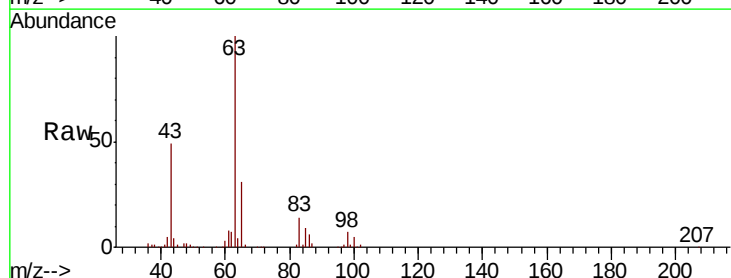
Tgt Ion: 63 Resp: 278526

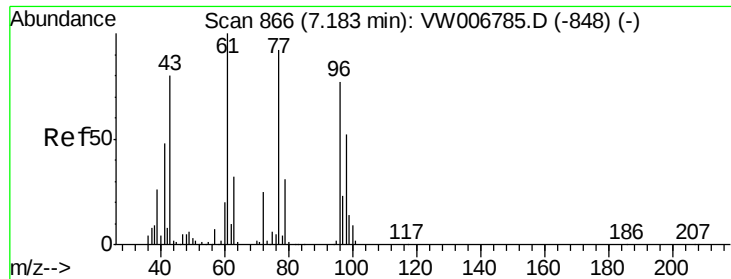
Ion Ratio Lower Upper

63 100

98 7.5 4.0 12.2

100 4.7 2.3 6.9





#25

2-Butanone

Concen: 323.351 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006786.D

Acq: 09 Nov 2018 13:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 43 Resp: 197514

Ion Ratio Lower Upper

43 100

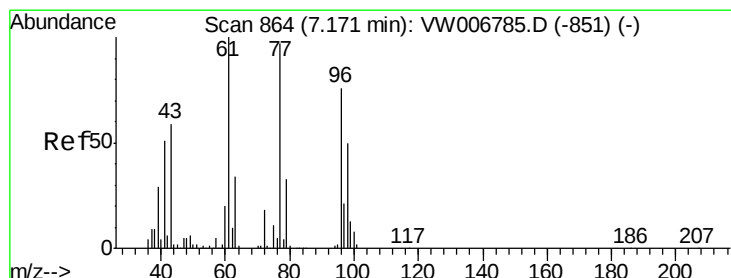
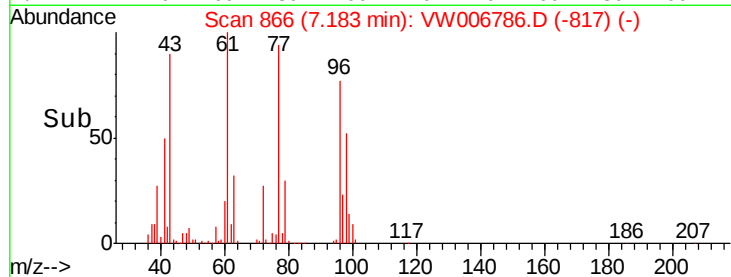
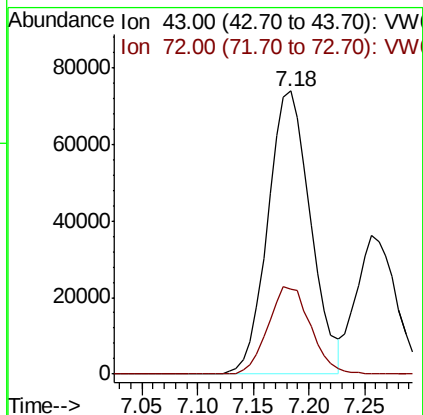
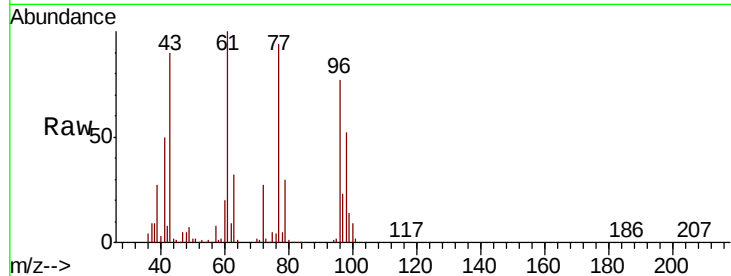
72 29.9 24.5 36.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 91.580 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006786.D

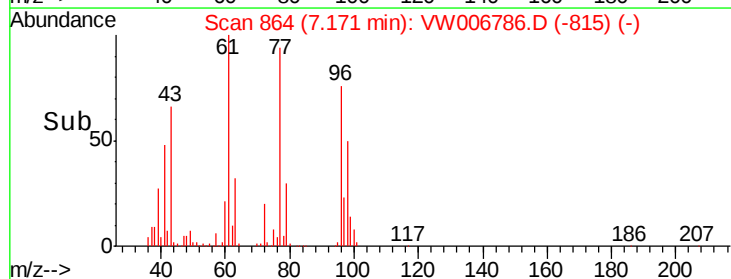
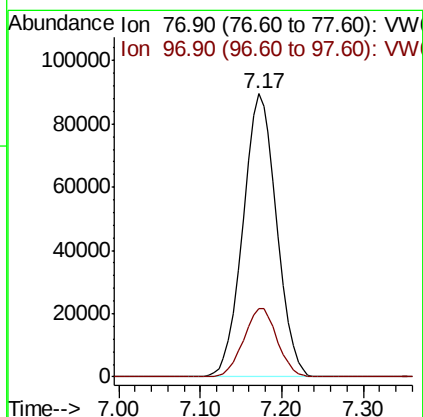
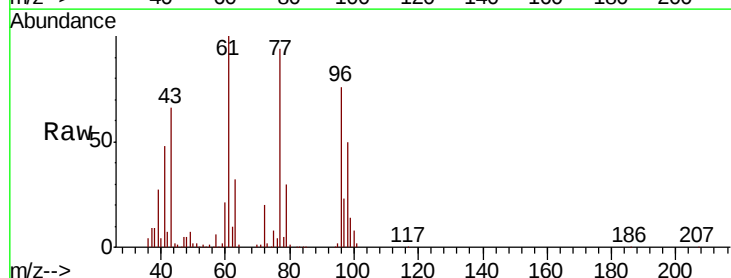
Acq: 09 Nov 2018 13:58

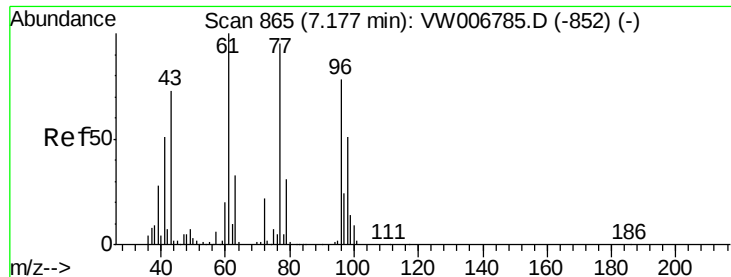
Tgt Ion: 77 Resp: 255981

Ion Ratio Lower Upper

77 100

97 24.2 11.9 35.5





#27

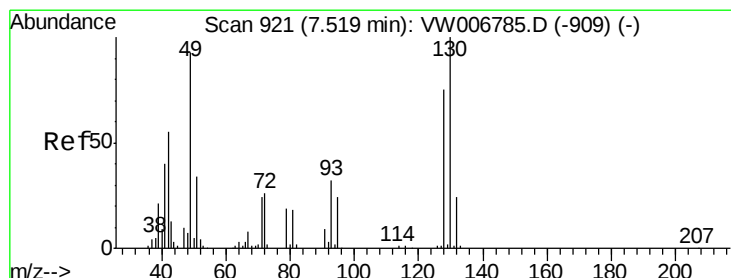
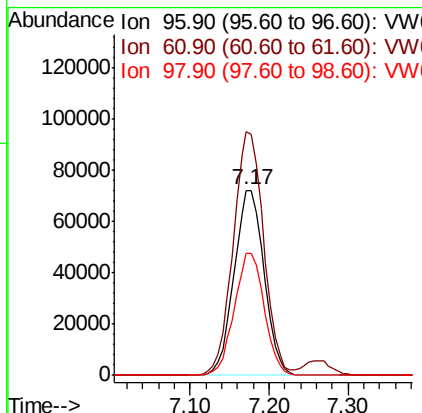
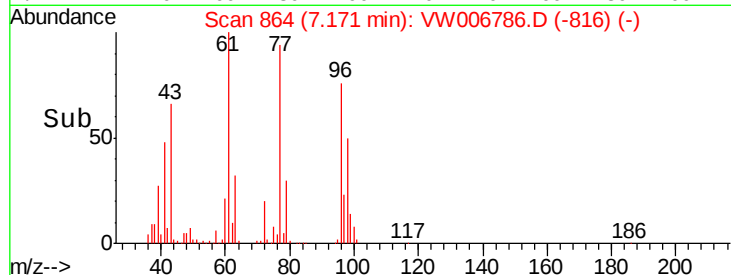
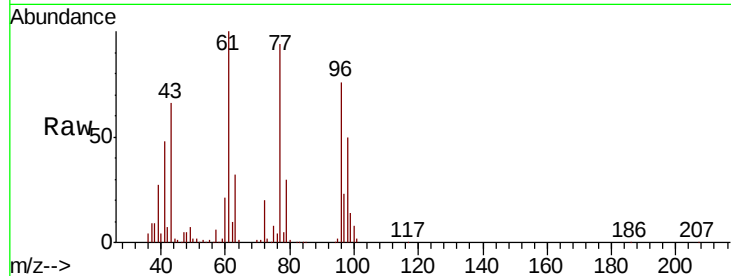
cis-1,2-Dichloroethene
Concen: 59.890 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW006786.D
Acq: 09 Nov 2018 13:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
96	100	190751		
61	133.7		0.0	264.4
98	65.8		0.0	130.0

Manual Integrations
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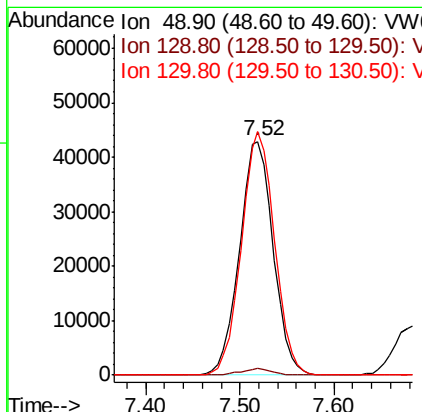
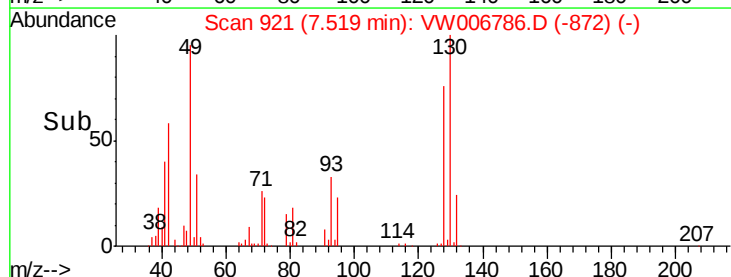
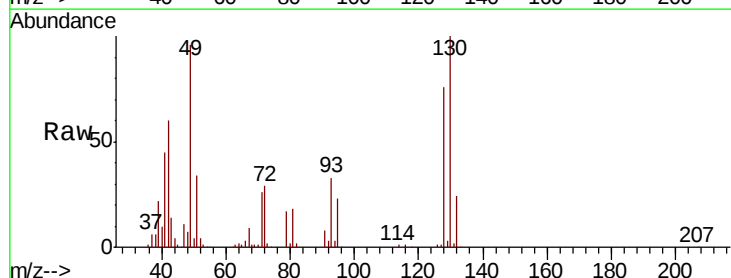
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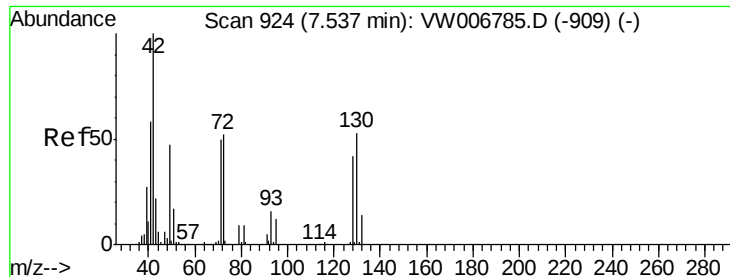


#28

Bromochloromethane
Concen: 58.268 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.00 min
Lab File: VW006786.D
Acq: 09 Nov 2018 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	107361		
129	2.6		0.0	5.6
130	102.4		81.5	122.3





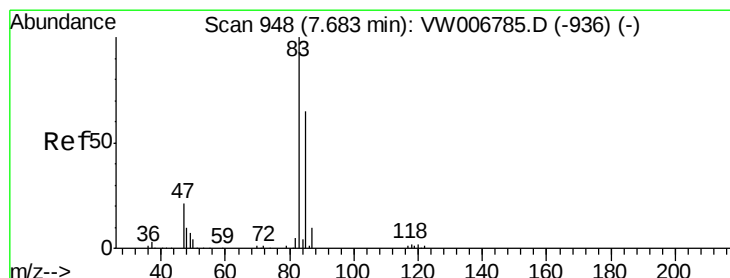
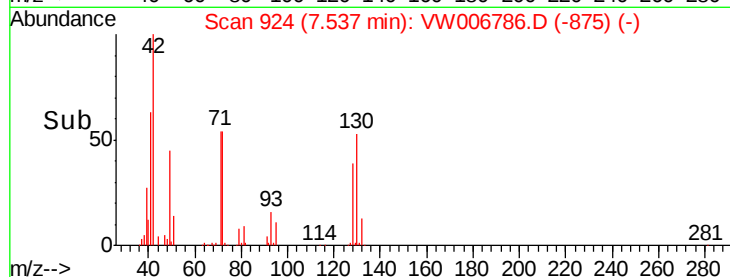
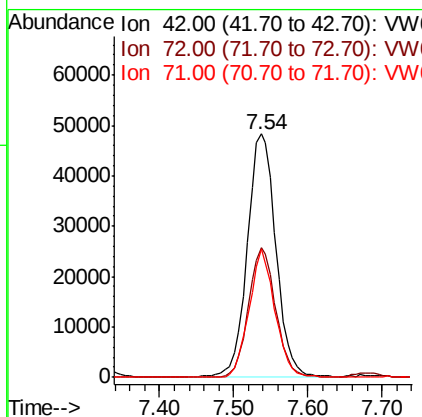
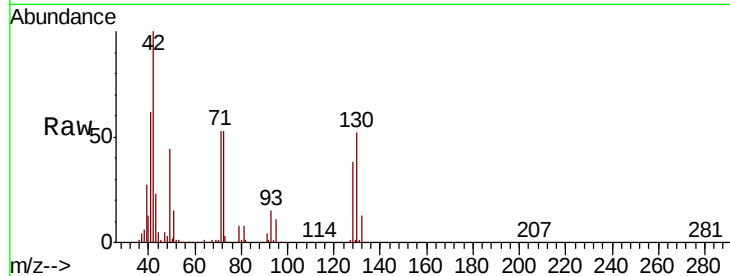
#29
Tetrahydrofuran
Concen: 340.126 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW006786.D
Acq: 09 Nov 2018 13:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.5	39.8	59.8
71	47.4	37.8	56.6

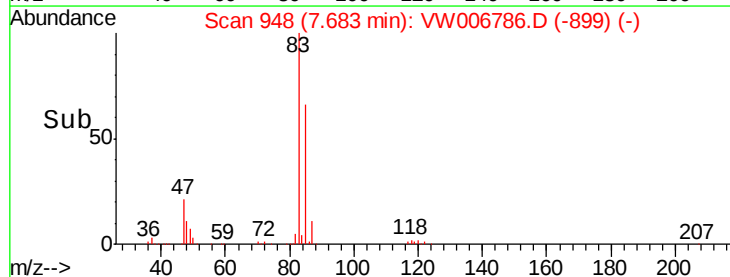
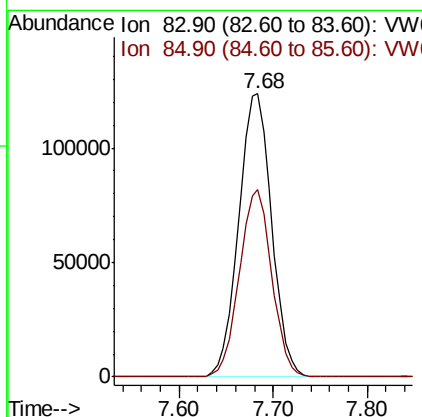
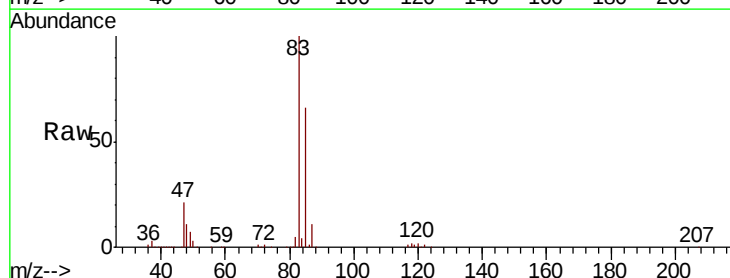
Manual Integrations
APPROVED

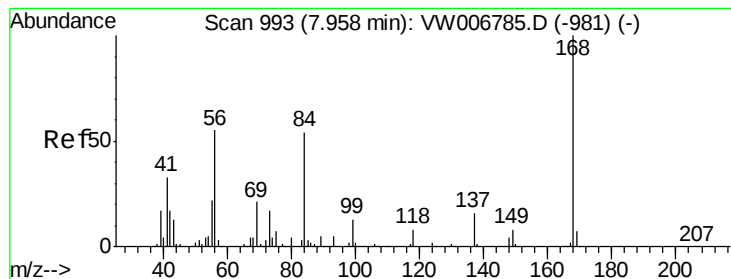
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#30
Chloroform
Concen: 59.383 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.00 min
Lab File: VW006786.D
Acq: 09 Nov 2018 13:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	52.1	78.1





#31

Cyclohexane

Concen: 64.767 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW006786.D

Acq: 09 Nov 2018 13:58

Instrument :

MSVOA_W

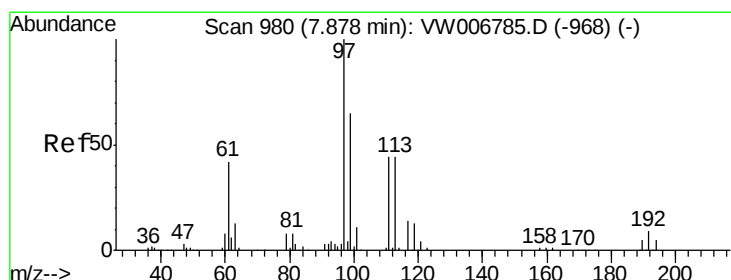
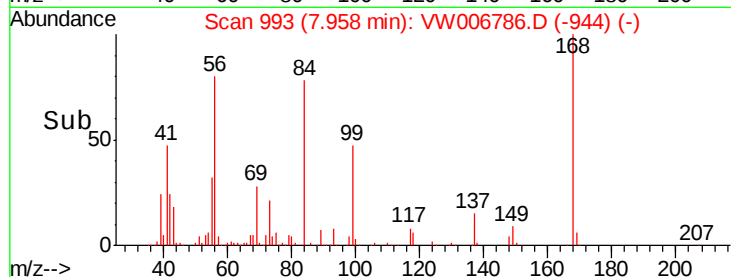
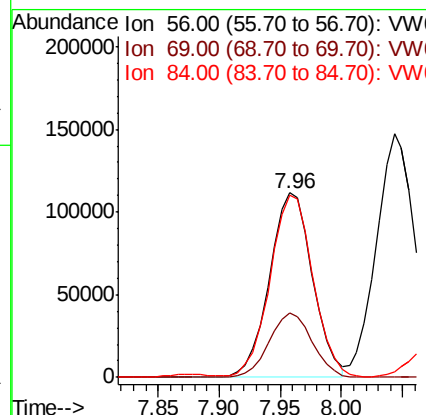
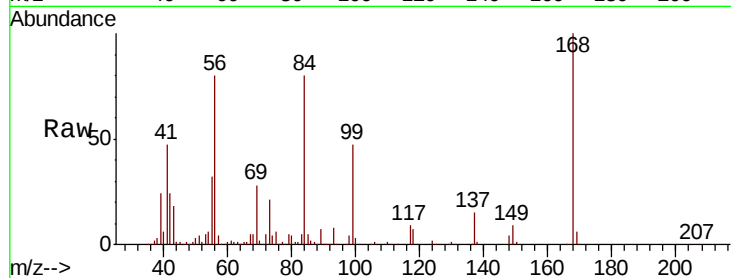
ClientSampleId :

VSTDIC075

Tot Ion:	56	Resp:	273527
Ion Ratio	Lower	Upper	
56	100		
69	34.7	30.3	45.5
84	97.5	78.2	117.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 66.411 ug/l

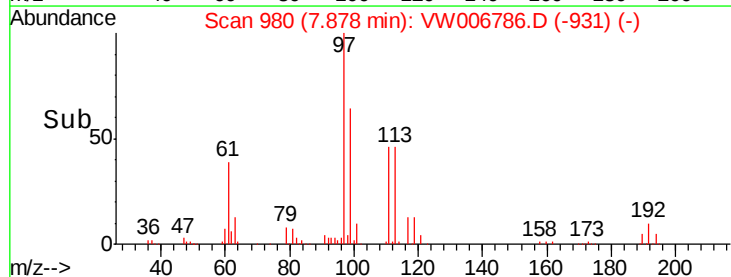
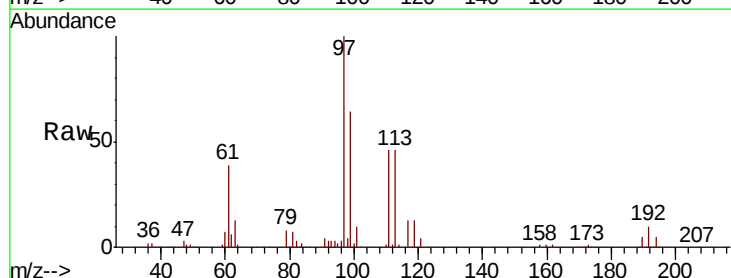
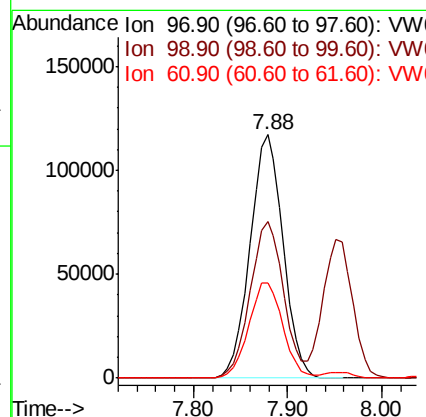
RT: 7.88 min Scan# 980

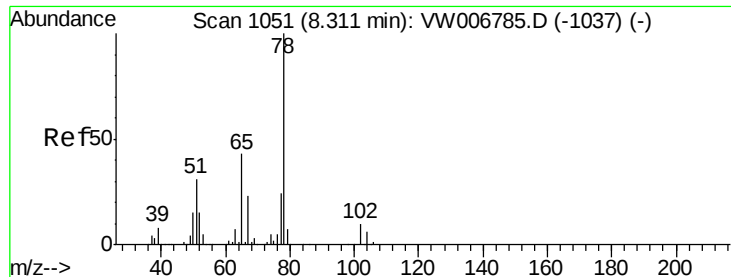
Delta R.T. 0.00 min

Lab File: VW006786.D

Acq: 09 Nov 2018 13:58

Tgt Ion:	97	Resp:	285887
Ion Ratio	Lower	Upper	
97	100		
99	65.9	51.4	77.2
61	40.4	32.7	49.1





#33

1,2-Dichloroethane-d4

Concen: 56.665 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006786.D

Acq: 09 Nov 2018 13:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 65 Resp: 150243

Ion Ratio Lower Upper

65 100

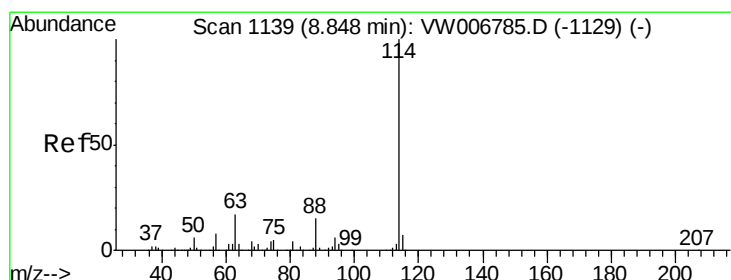
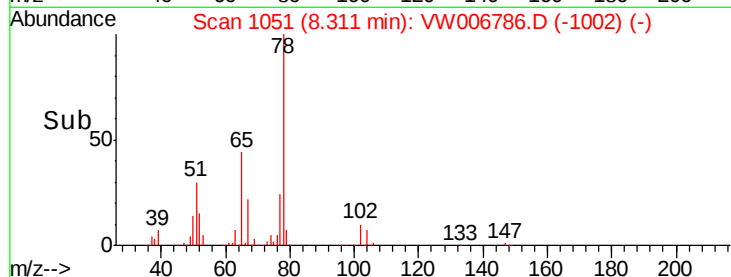
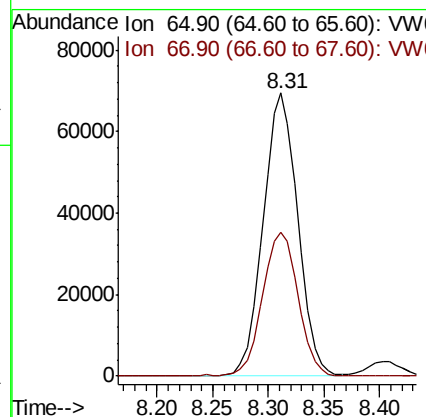
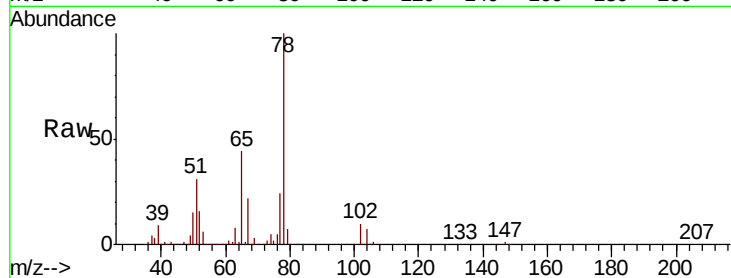
67 52.5 0.0 107.2

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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: VW006786.D

Acq: 09 Nov 2018 13:58

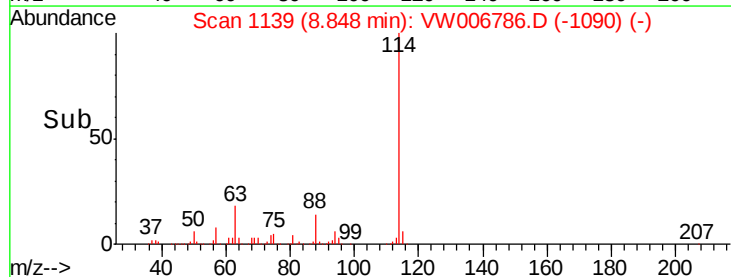
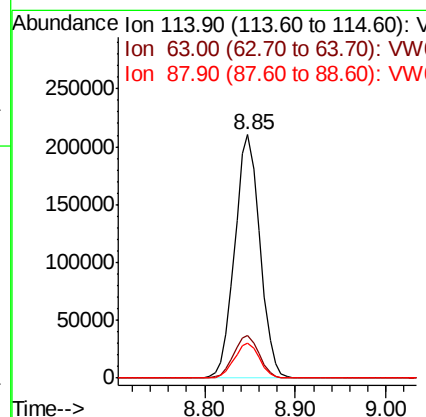
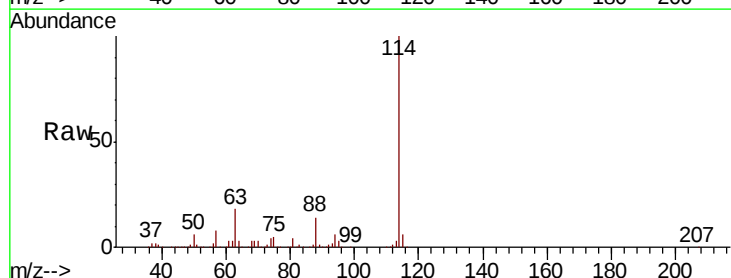
Tgt Ion: 114 Resp: 406073

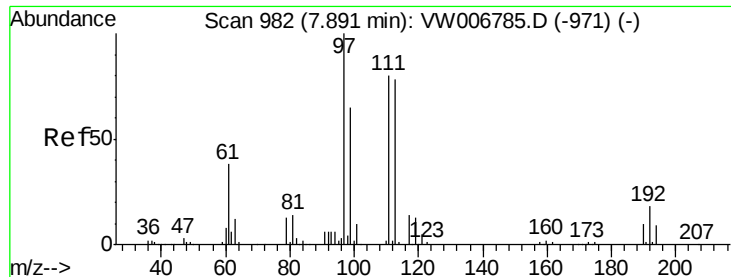
Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.0

88 14.1 0.0 29.2





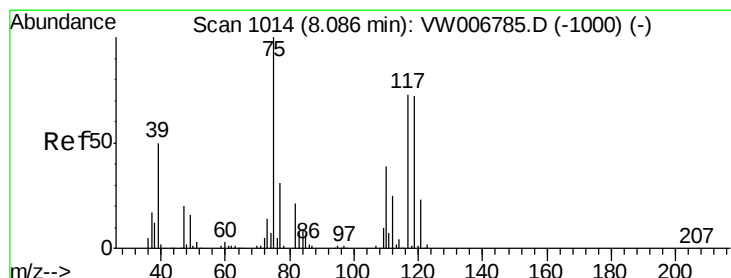
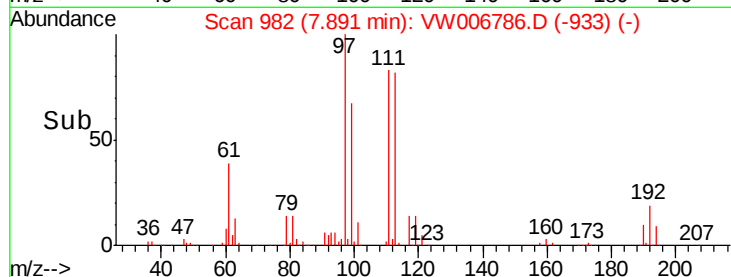
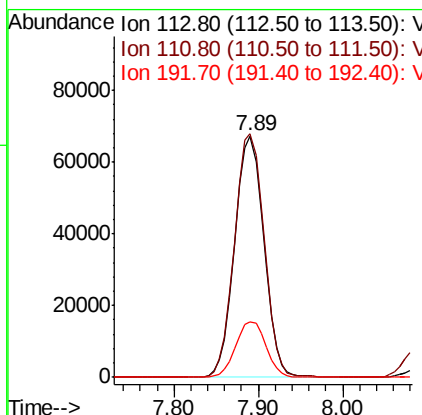
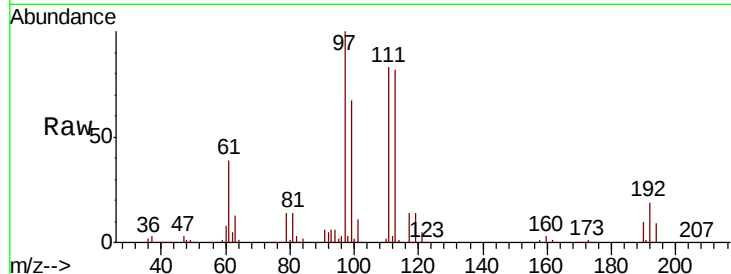
#35
Dibromofluoromethane
Concen: 61.928 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.00 min
Lab File: VW006786.D
Acq: 09 Nov 2018 13:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
113	100	157820		
111	102.3	81.4	122.2	
192	23.8	19.1	28.7	

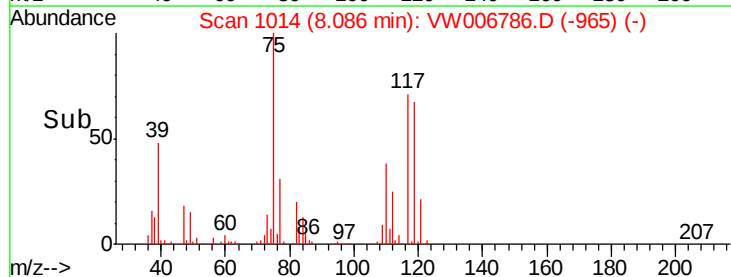
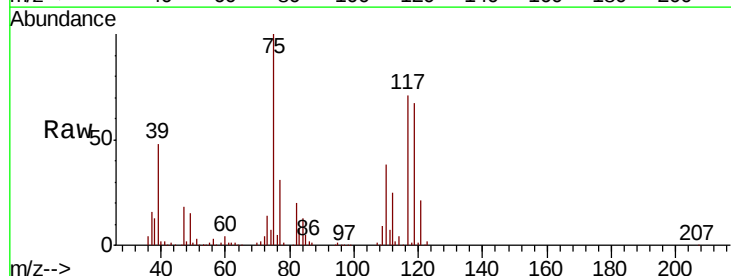
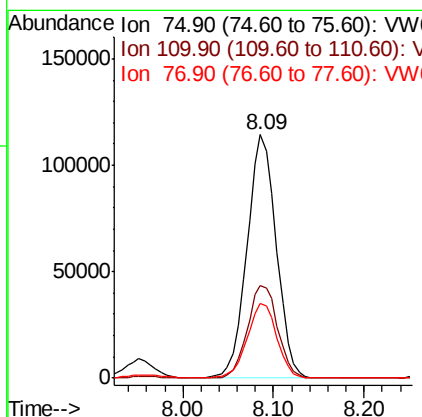
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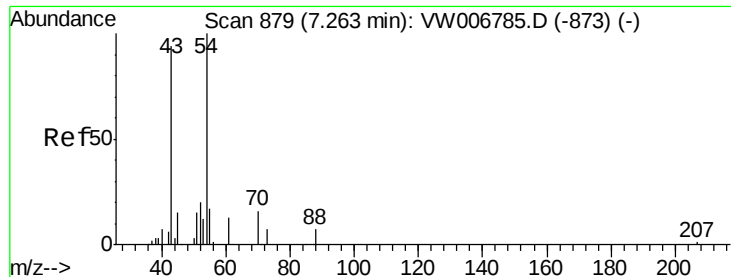
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#36
1,1-Dichloropropene
Concen: 71.406 ug/l
RT: 8.09 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VW006786.D
Acq: 09 Nov 2018 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	254993		
110	38.9	19.6	58.7	
77	31.4	24.9	37.3	





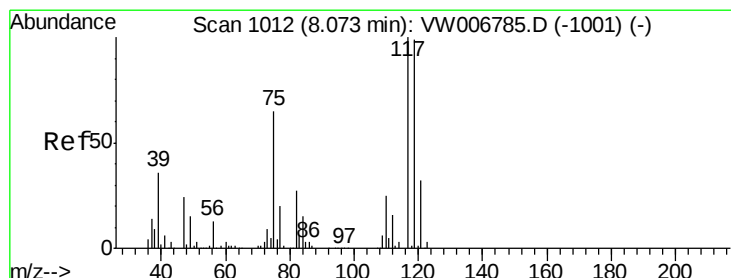
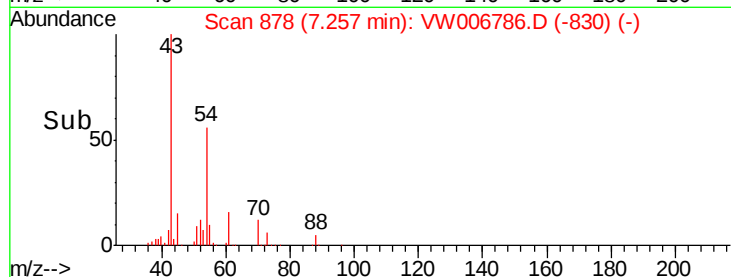
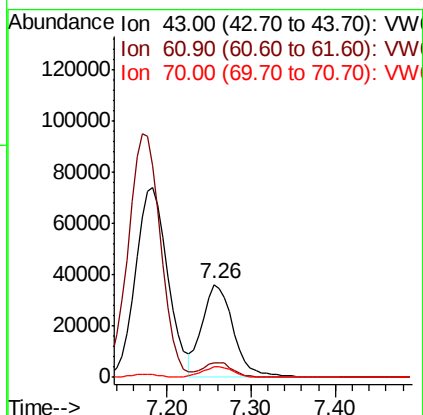
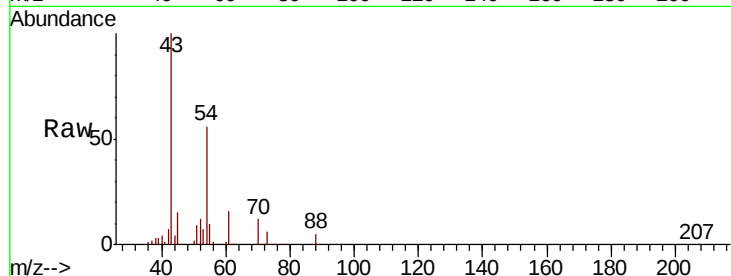
#37
Ethyl Acetate
Concen: 75.020 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006786.D
Acq: 09 Nov 2018 13:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	12.2	18.2
70	11.4	9.8	14.8

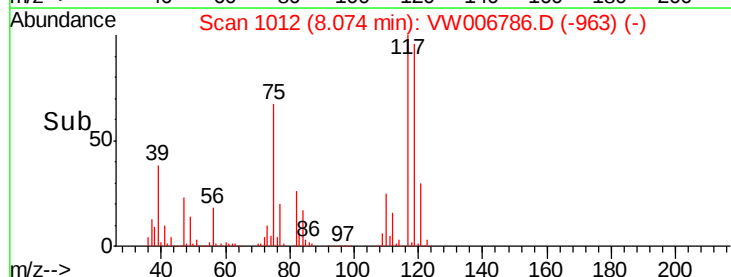
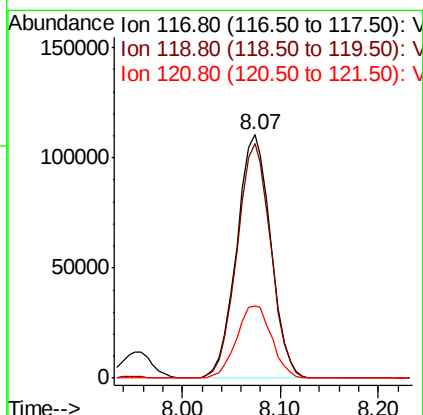
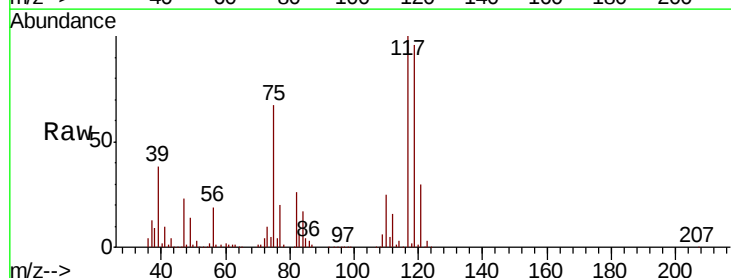
Manual Integrations
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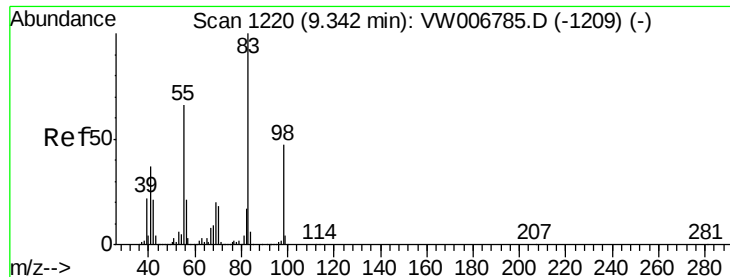
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#38
Carbon Tetrachloride
Concen: 71.290 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW006786.D
Acq: 09 Nov 2018 13:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	78.9	118.3
121	29.8	25.3	37.9





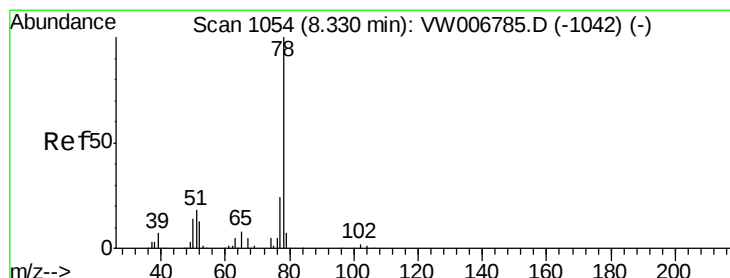
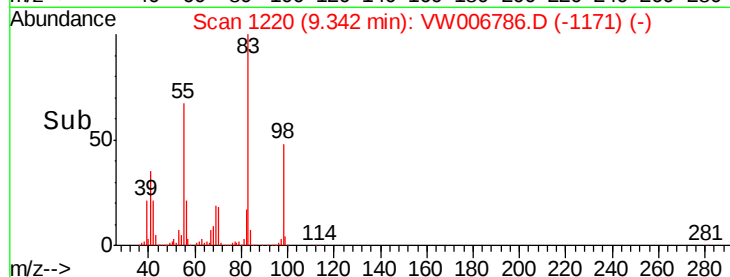
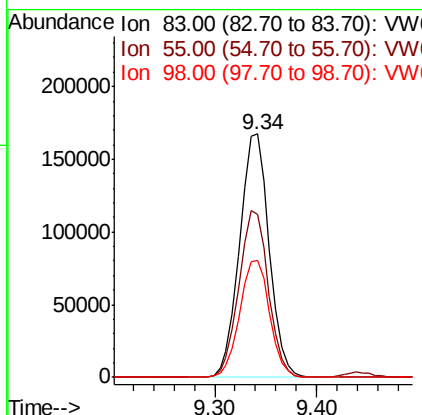
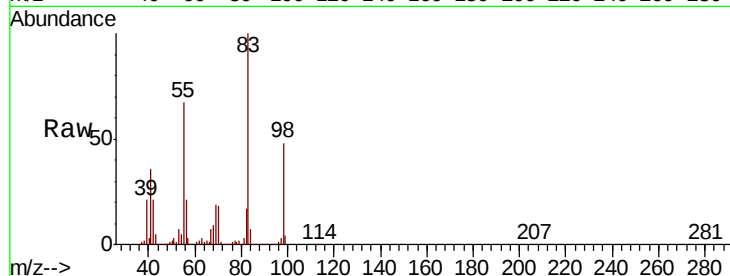
#39
Methylvlcyclohexane
Concen: 74.368 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW006786.D
Acq: 09 Nov 2018 13:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.1	53.0	79.4
98	48.0	37.9	56.9

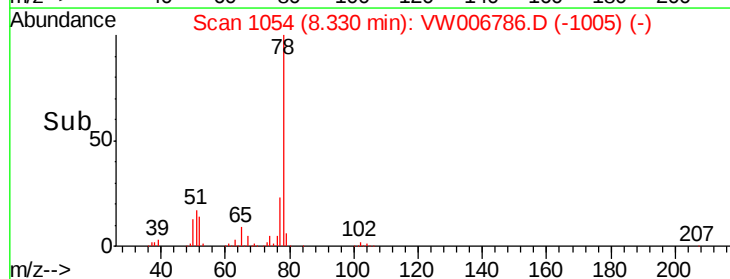
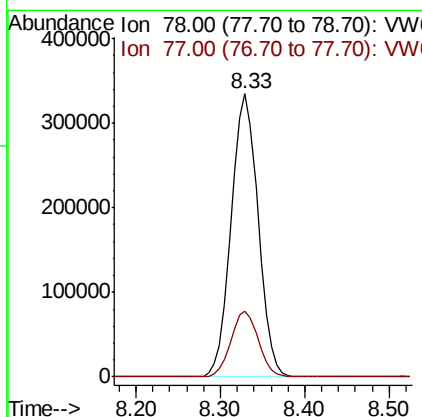
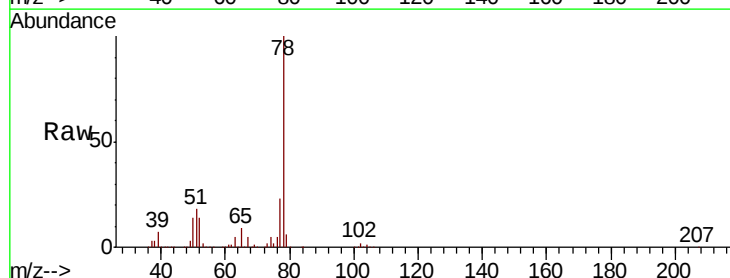
Manual Integrations
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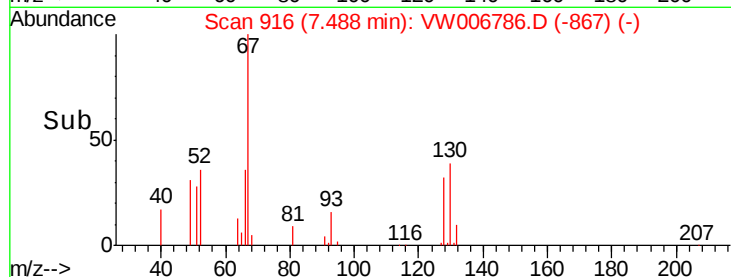
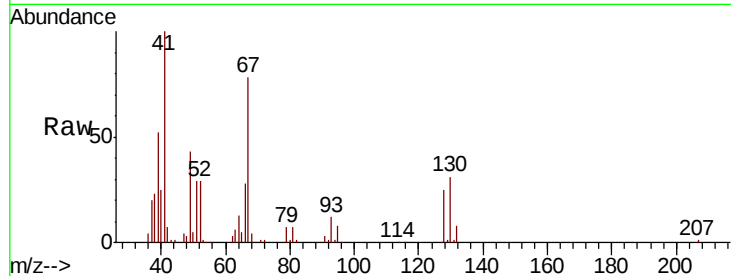
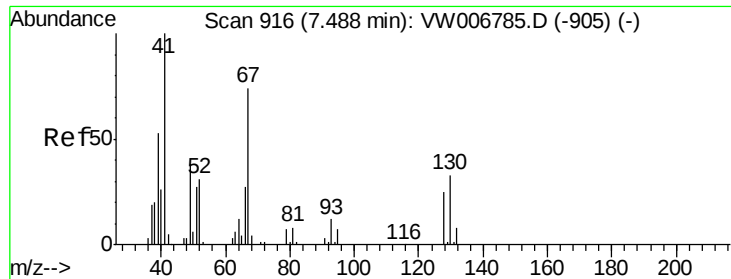
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#40
Benzene
Concen: 71.337 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006786.D
Acq: 09 Nov 2018 13:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.4	29.2





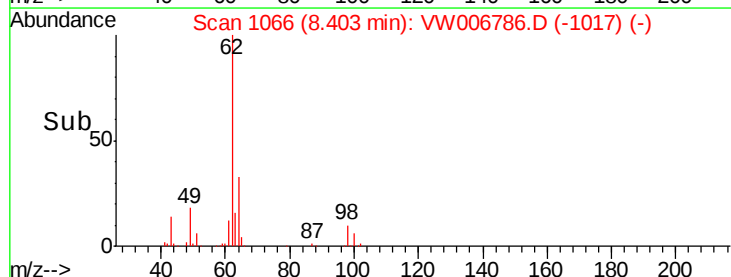
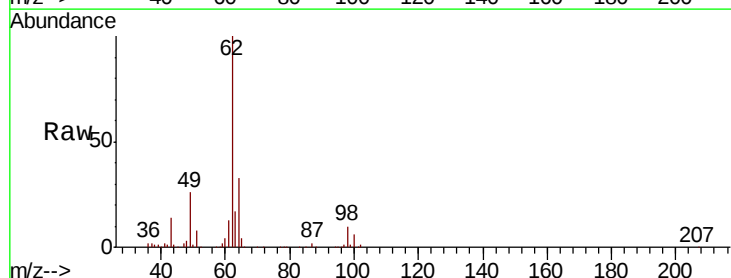
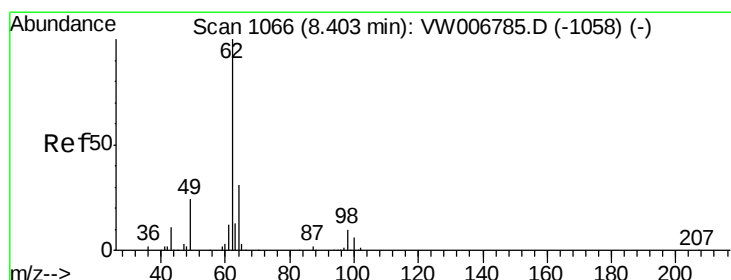
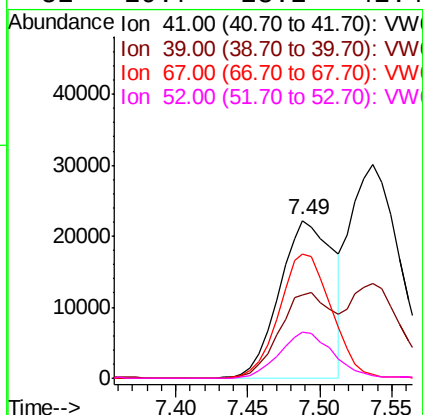
#41
Methacrylonitrile
Concen: 76.520 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006786.D
Acq: 09 Nov 2018 13:58

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.7	49.3	73.9	
67	76.2	69.3	103.9	
52	29.7	28.2	42.4	

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

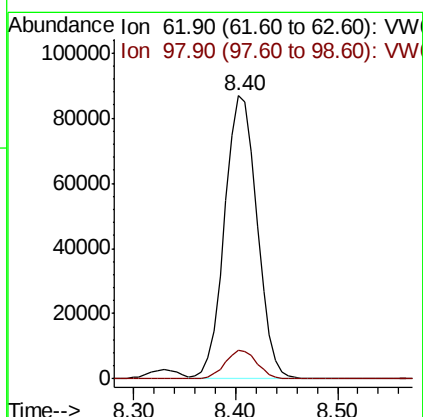
Manual Integrations
APPROVED

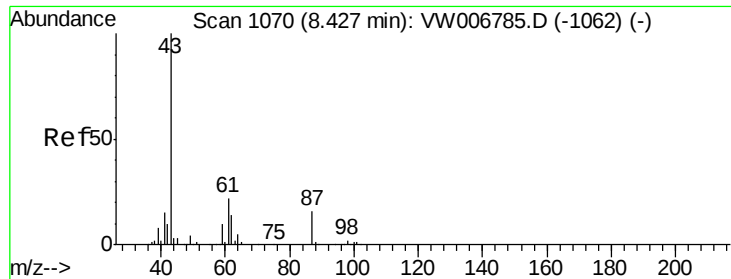
apatel
11/12/2018 3:40:48 PM



#42
1,2-Dichloroethane
Concen: 65.794 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006786.D
Acq: 09 Nov 2018 13:58

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.0	0.0	19.4	





#43

Isopropyl Acetate

Concen: 73.829 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW006786.D

Acq: 09 Nov 2018 13:58

Instrument :

MSVOA_W

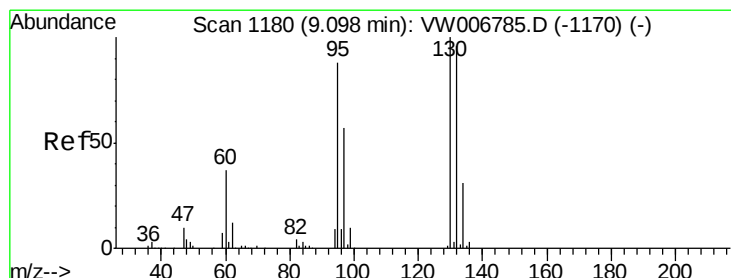
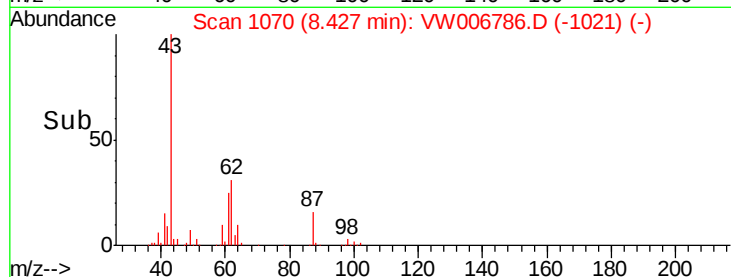
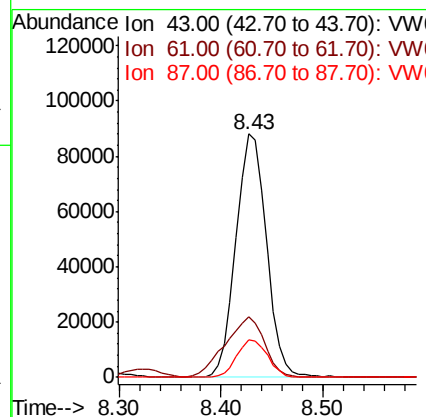
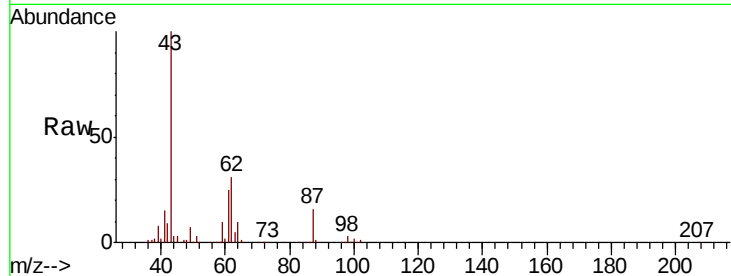
ClientSampleId :

VSTDIC075

Tot Ion:	43	Resp:	182316
Ion	Ratio	Lower	Upper
43	100		
61	31.9	26.5	39.7
87	15.8	12.8	19.2

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#44

Trichloroethene

Concen: 70.156 ug/l

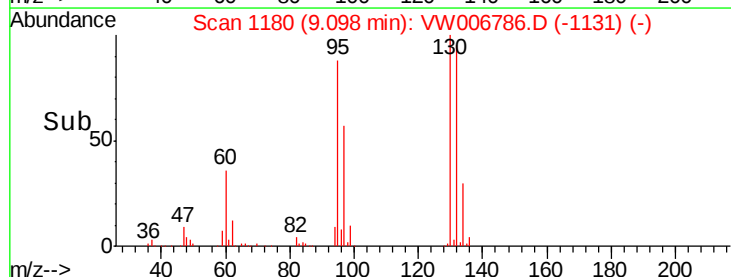
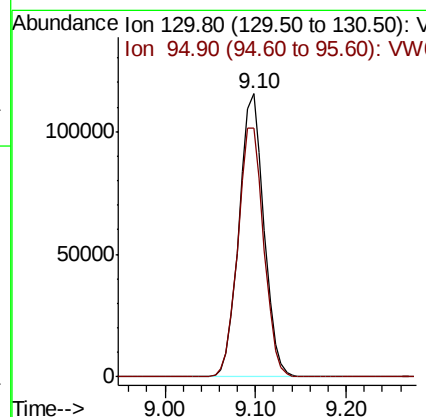
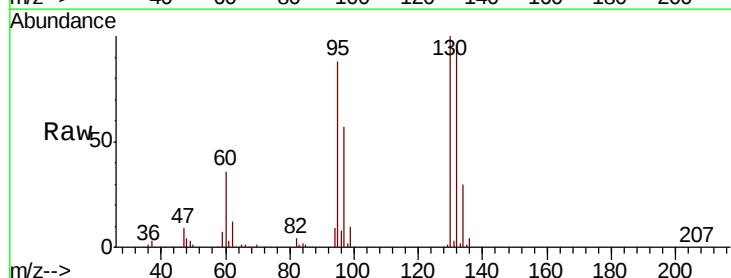
RT: 9.10 min Scan# 1180

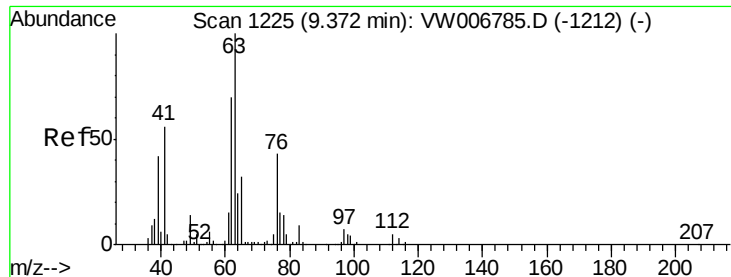
Delta R.T. 0.00 min

Lab File: VW006786.D

Acq: 09 Nov 2018 13:58

Tgt Ion:	130	Resp:	219586
Ion	Ratio	Lower	Upper
130	100		
95	87.8	0.0	175.0





#45

1,2-Dichloropropane

Concen: 70.940 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW006786.D

Acq: 09 Nov 2018 13:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 63 Resp: 167453

Ion Ratio Lower Upper

63 100

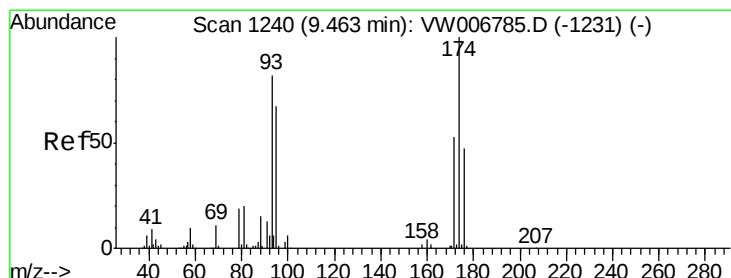
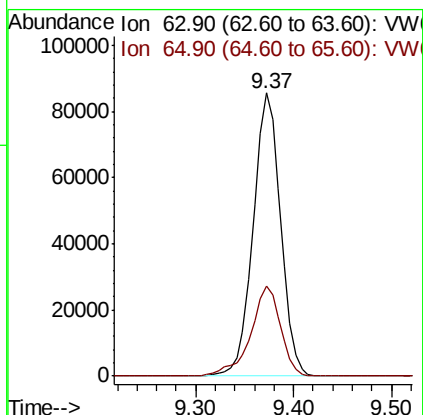
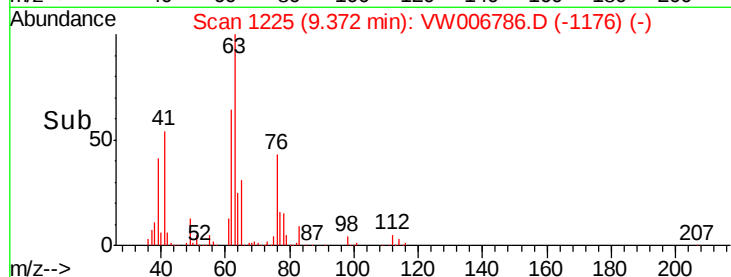
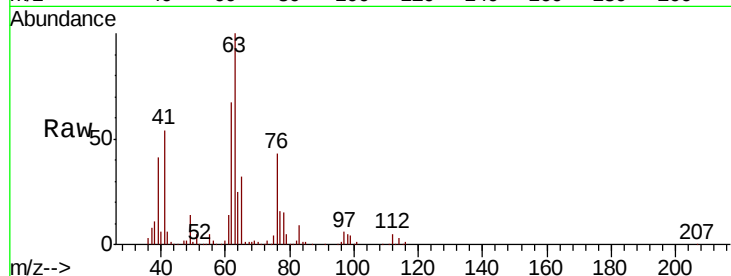
65 31.7 25.5 38.3

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#46

Dibromomethane

Concen: 68.196 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW006786.D

Acq: 09 Nov 2018 13:58

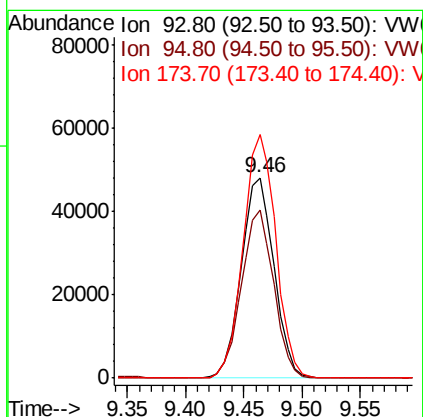
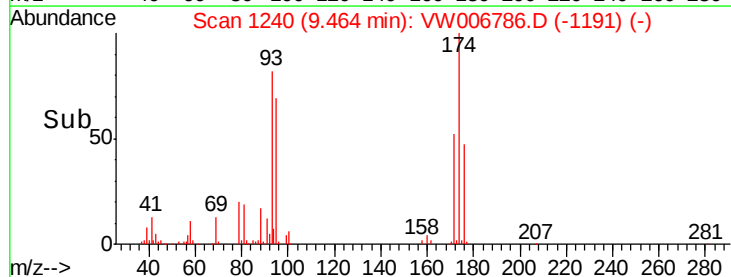
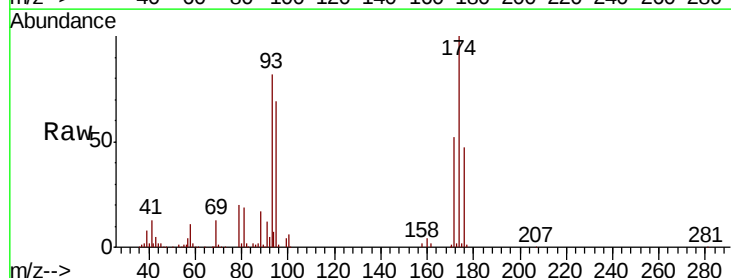
Tgt Ion: 93 Resp: 94627

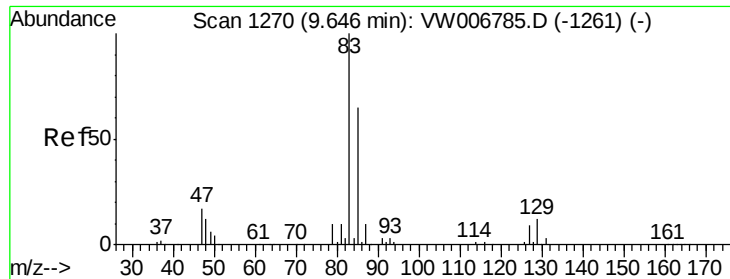
Ion Ratio Lower Upper

93 100

95 82.9 65.4 98.0

174 121.1 96.4 144.6





#47

Bromodichloromethane

Concen: 70.625 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006786.D

Acq: 09 Nov 2018 13:58

Instrument :

MSVOA_W

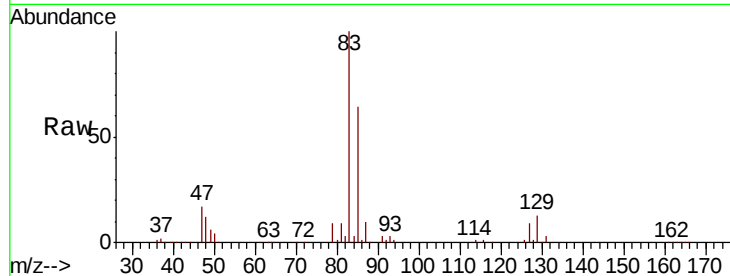
ClientSampleId :

VSTDIC075

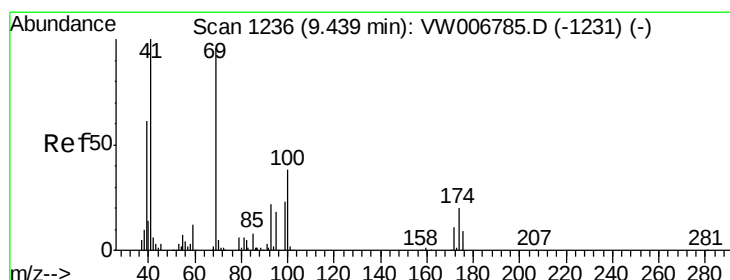
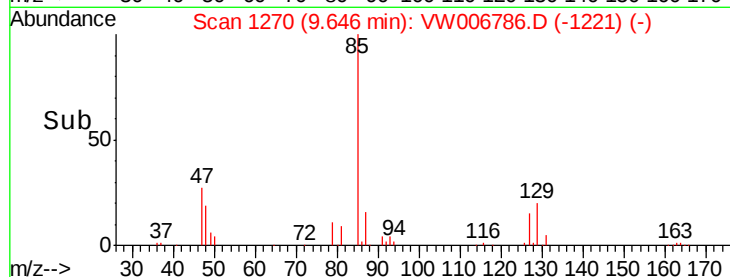
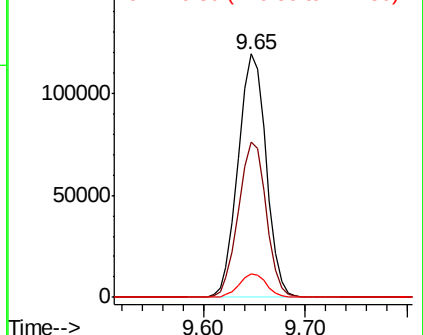
Tot Ion:	83	Resp:	227543
Ion Ratio	Lower	Upper	
83	100		
85	63.9	51.6	77.4
127	9.4	7.4	11.2

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Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 75.277 ug/l

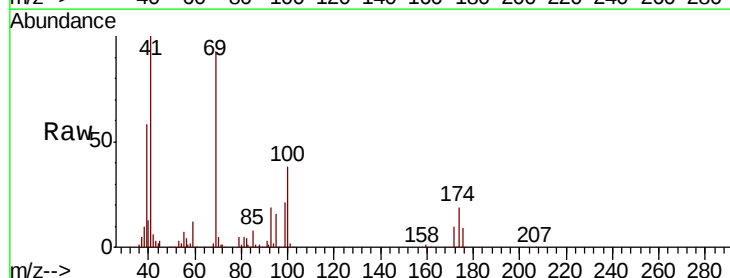
RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

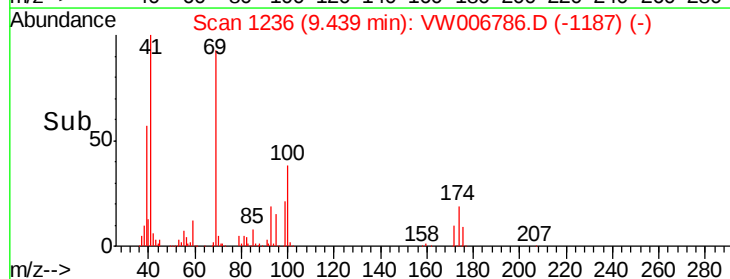
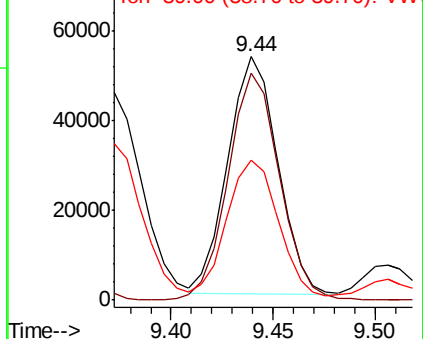
Lab File: VW006786.D

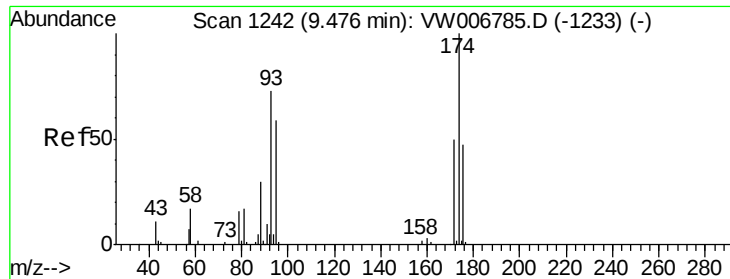
Acq: 09 Nov 2018 13:58

Tgt Ion:	41	Resp:	89562
Ion Ratio	Lower	Upper	
41	100		
69	99.4	81.5	122.3
39	58.7	48.0	72.0



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





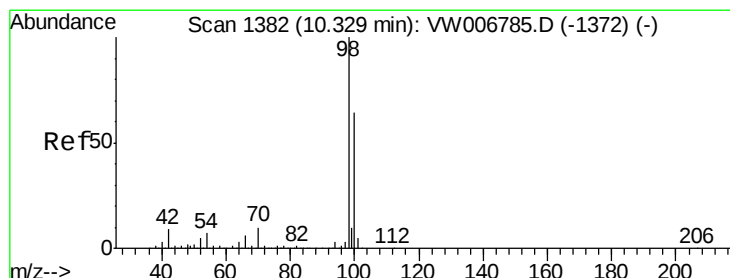
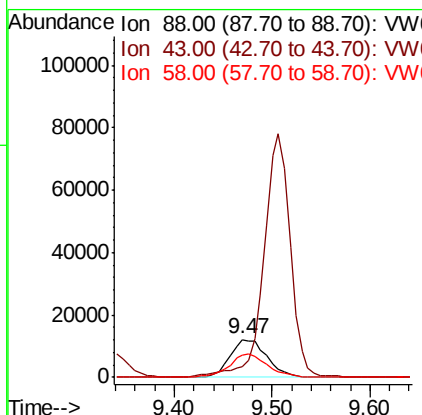
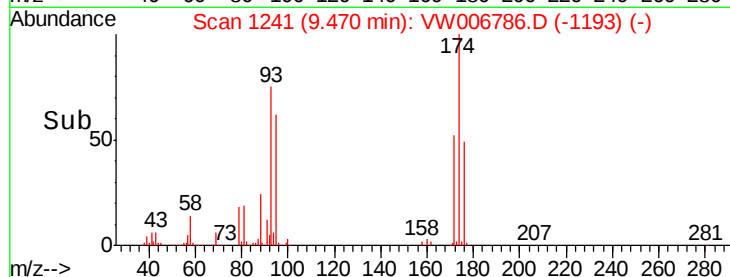
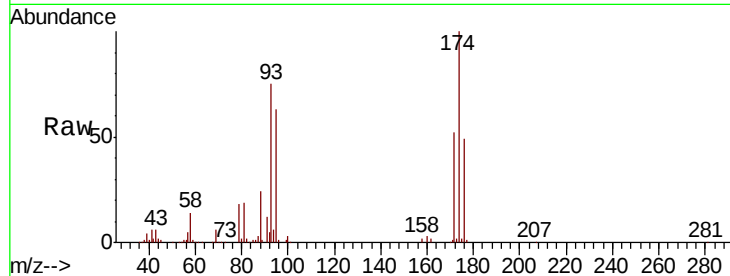
#49
1,4-Dioxane
Concen: 1555.036 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VW006786.D
Acq: 09 Nov 2018 13:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	88	Resp	31578
Ion Ratio	100	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	64.6	53.7	80.5

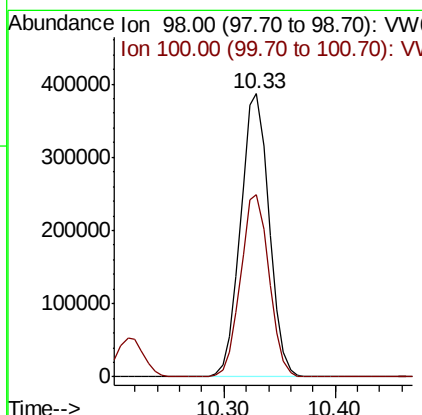
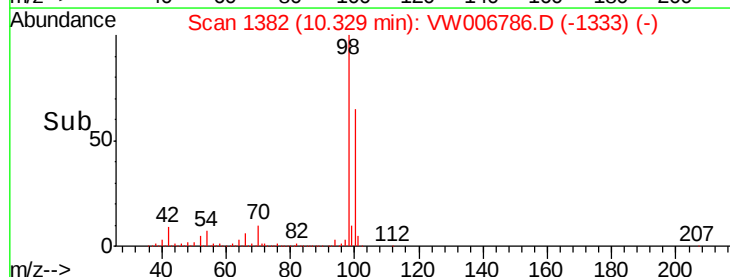
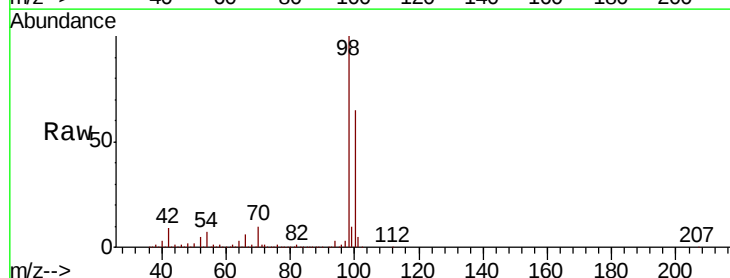
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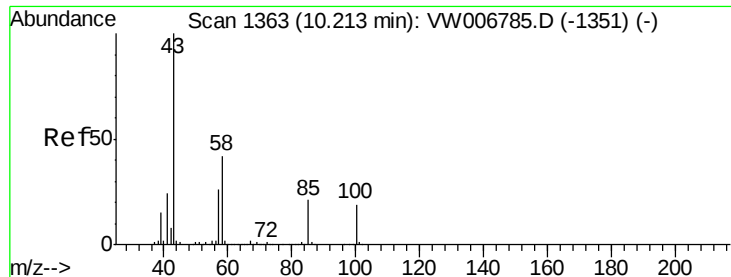
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11/12/2018 3:40:48 PM



#50
Toluene-d8
Concen: 70.779 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006786.D
Acq: 09 Nov 2018 13:58

Tgt Ion	98	Resp	686661
Ion Ratio	100	Lower	Upper
98	100		
100	64.5	51.4	77.0





#51

4-Methyl-2-Pentanone

Concen: 379.621 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006786.D

Acq: 09 Nov 2018 13:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 43 Resp: 481458

Ion Ratio Lower Upper

43 100

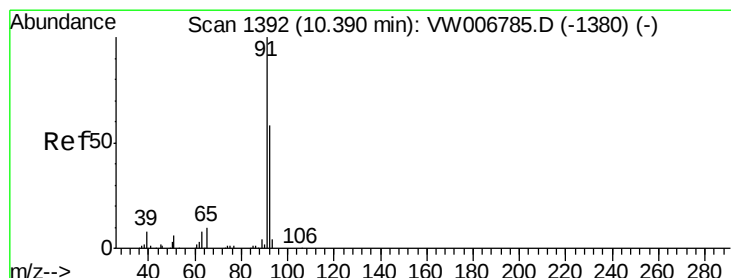
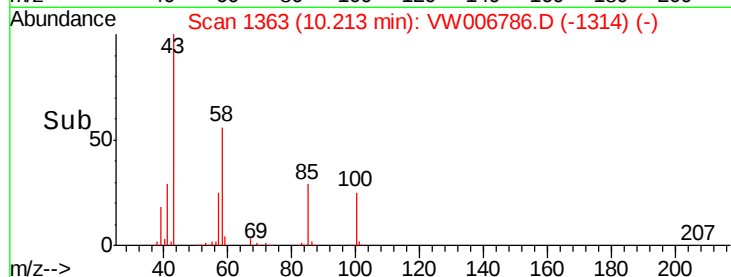
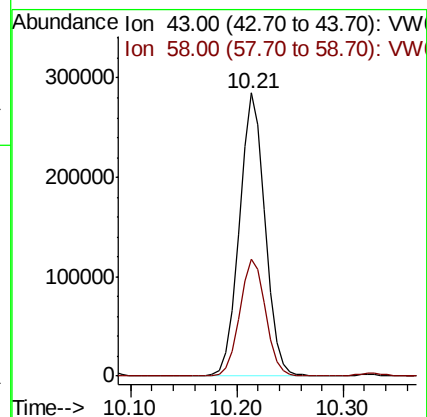
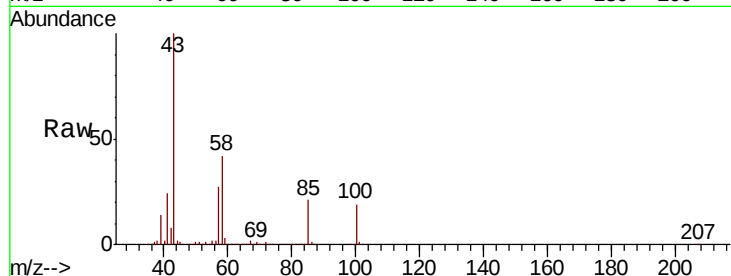
58 41.9 33.2 49.8

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#52

Toluene

Concen: 76.734 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006786.D

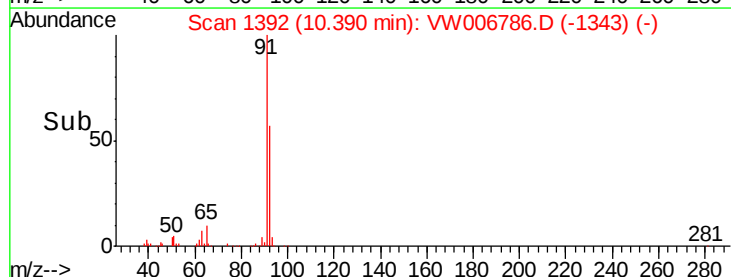
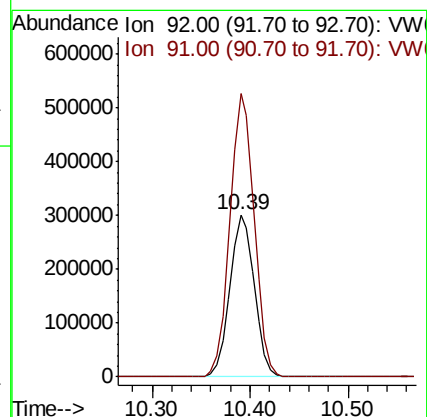
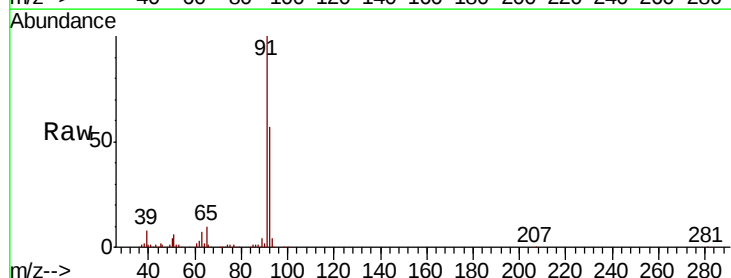
Acq: 09 Nov 2018 13:58

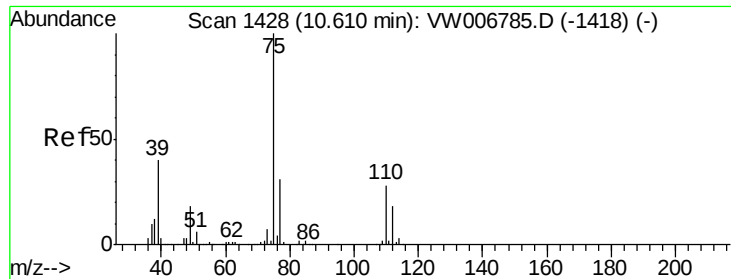
Tgt Ion: 92 Resp: 522026

Ion Ratio Lower Upper

92 100

91 173.2 138.6 207.8





#53

t-1,3-Dichloropropene

Concen: 76.908 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006786.D

Acq: 09 Nov 2018 13:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 75 Resp: 238469

Ion Ratio Lower Upper

75 100

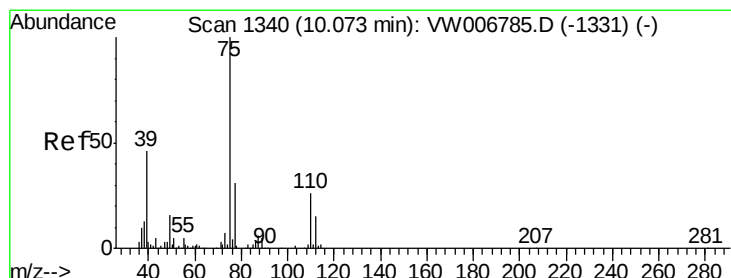
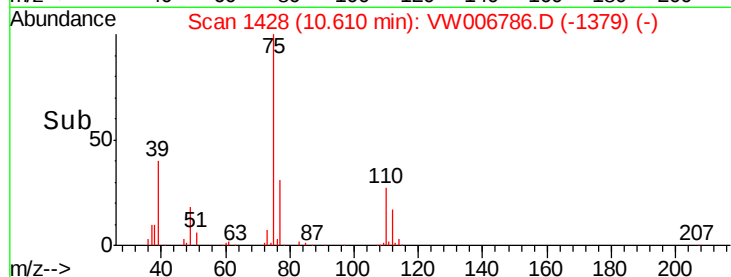
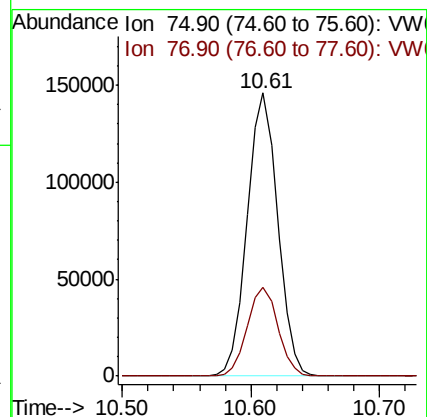
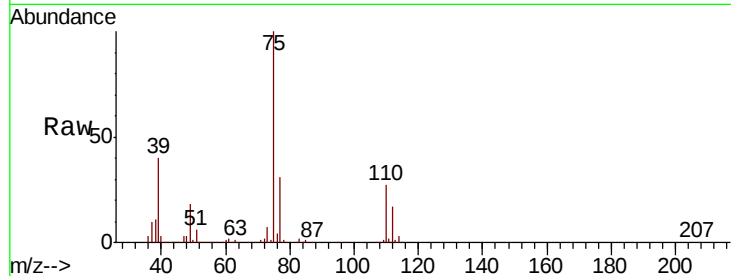
77 31.2 25.1 37.7

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#54

cis-1,3-Dichloropropene

Concen: 75.093 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.01 min

Lab File: VW006786.D

Acq: 09 Nov 2018 13:58

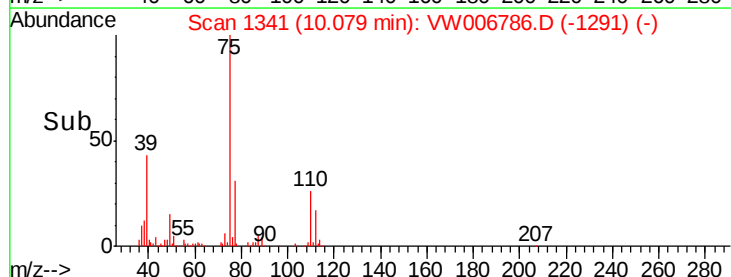
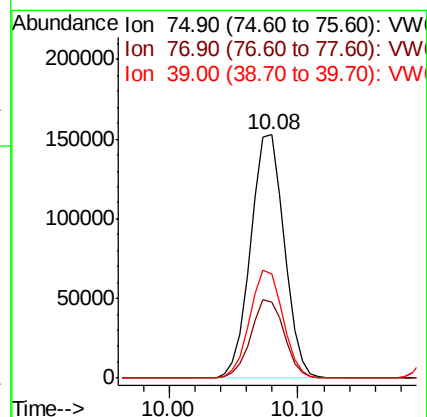
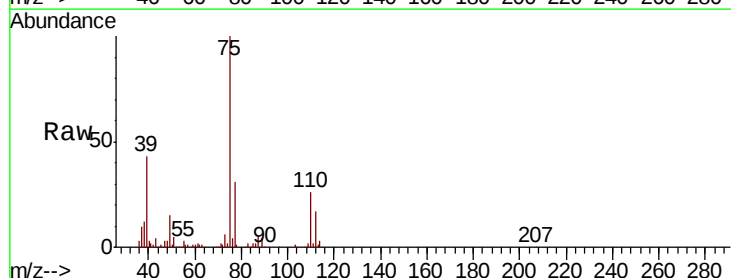
Tgt Ion: 75 Resp: 275154

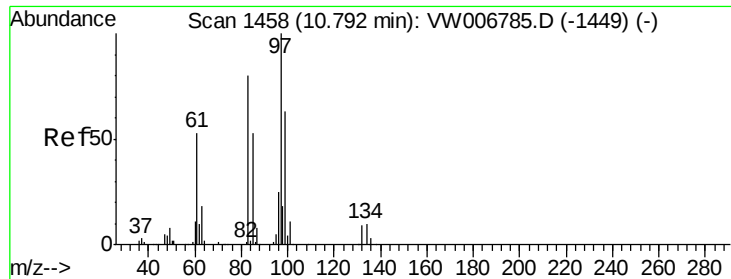
Ion Ratio Lower Upper

75 100

77 31.2 24.6 37.0

39 42.6 37.1 55.7





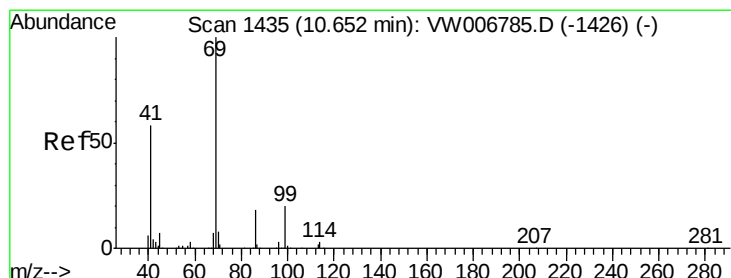
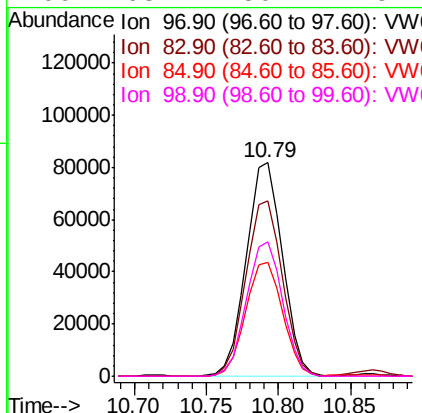
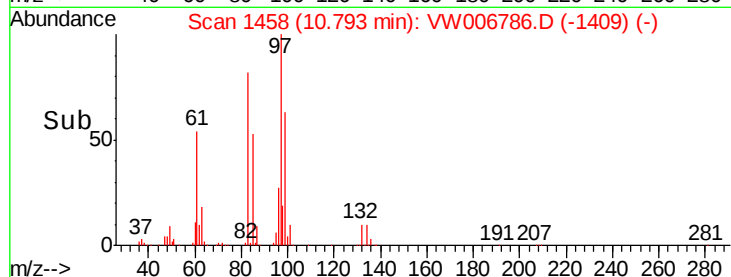
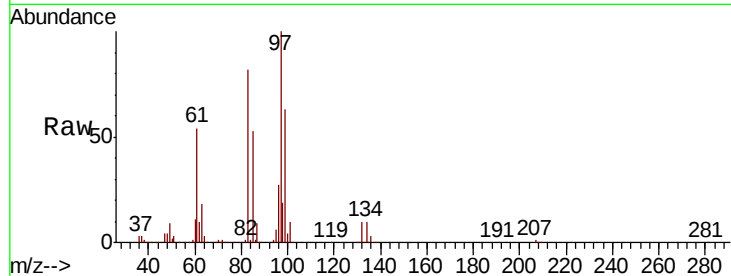
#55
 1,1,2-Trichloroethane
 Concen: 72.137 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006786.D
 Acq: 09 Nov 2018 13:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		142021		
83	82.1	64.4	96.6		
85	53.6	42.6	63.8		
99	63.1	50.2	75.2		

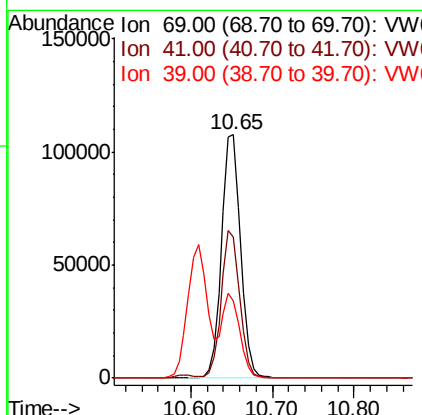
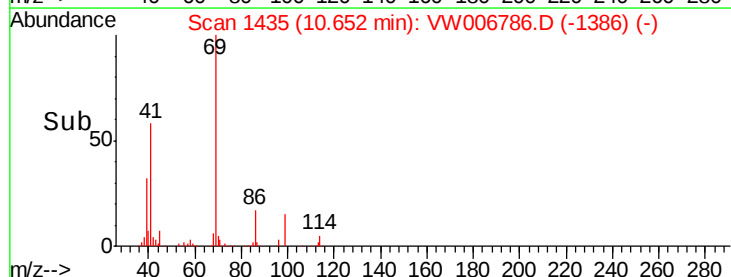
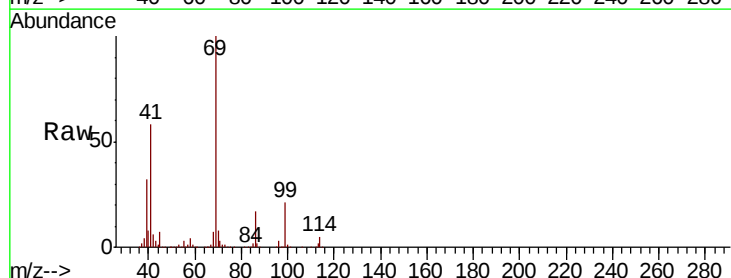
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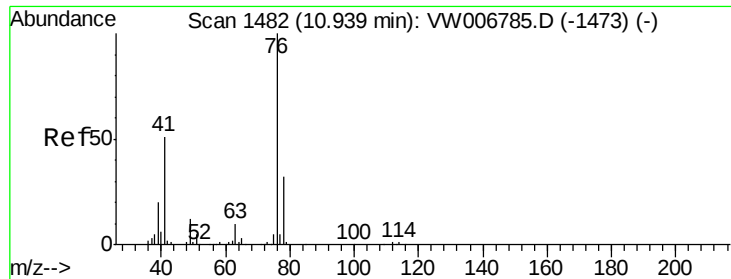
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#56
 Ethyl methacrylate
 Concen: 78.354 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW006786.D
 Acq: 09 Nov 2018 13:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		175334		
41	58.4	47.2	70.8		
39	33.7	23.4	35.0		





#57

1,3-Dichloropropane

Concen: 71.306 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.01 min

Lab File: VW006786.D

Acq: 09 Nov 2018 13:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 76 Resp: 227960

Ion Ratio Lower Upper

76 100

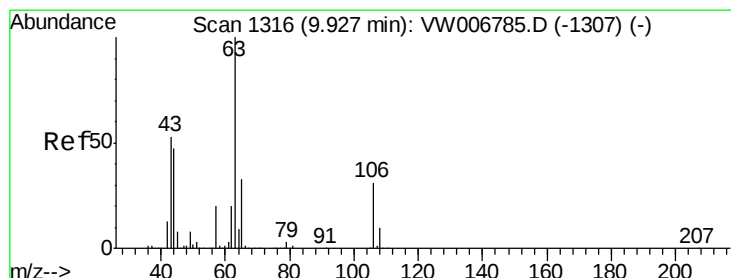
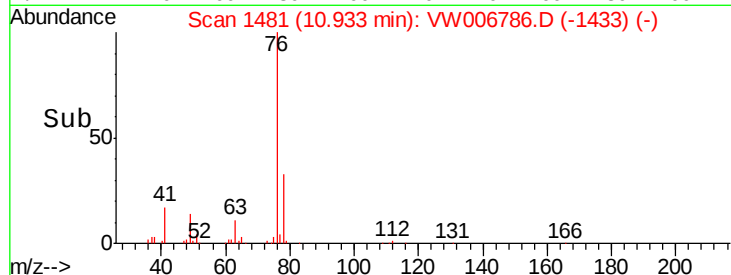
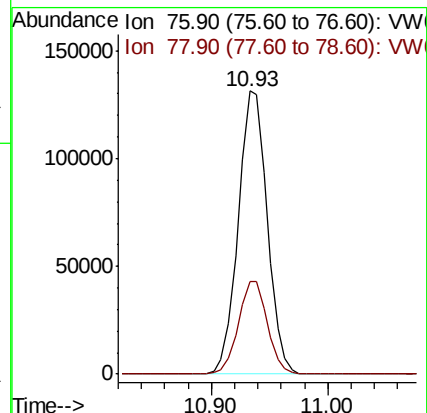
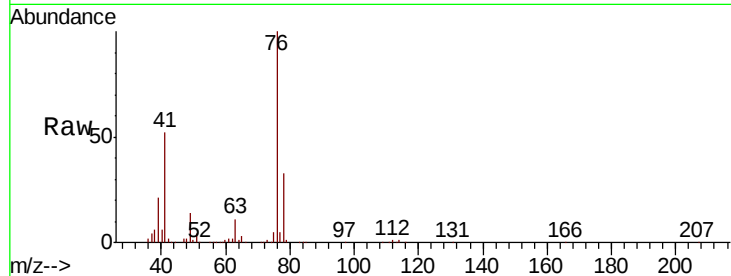
78 32.8 25.5 38.3

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#58

2-Chloroethyl Vinyl ether

Concen: 393.601 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW006786.D

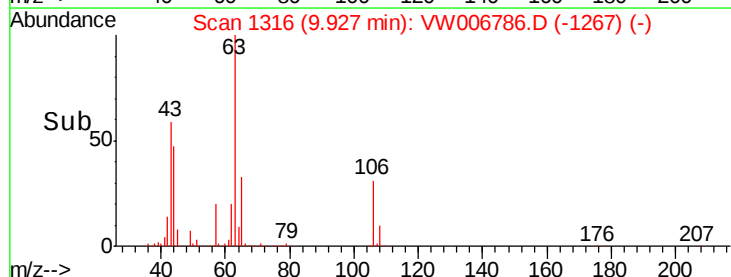
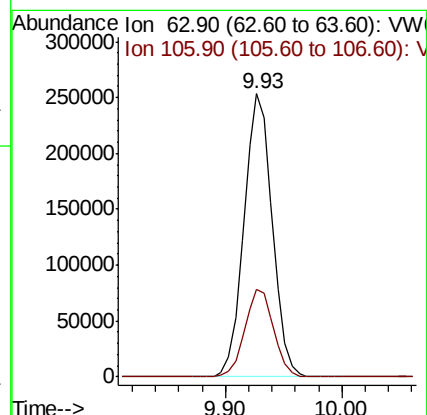
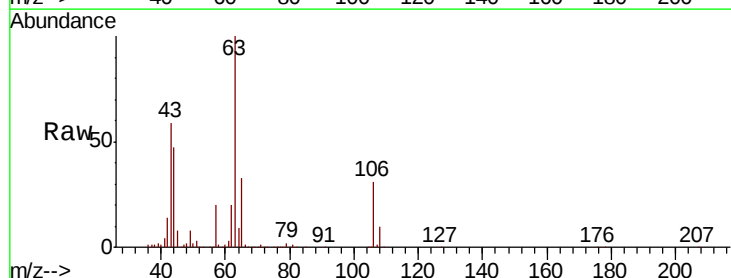
Acq: 09 Nov 2018 13:58

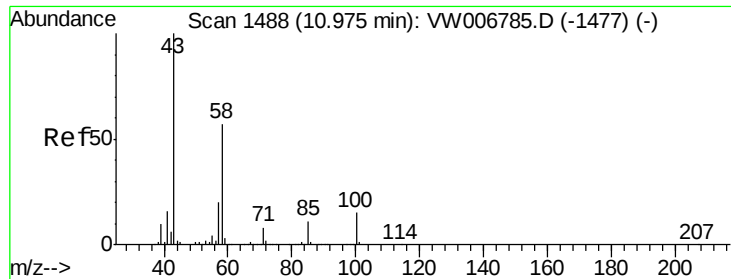
Tgt Ion: 63 Resp: 428145

Ion Ratio Lower Upper

63 100

106 31.5 25.3 37.9





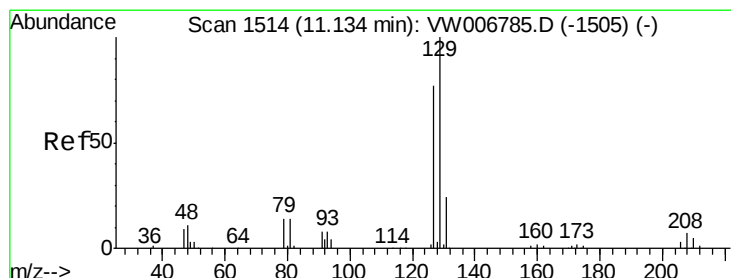
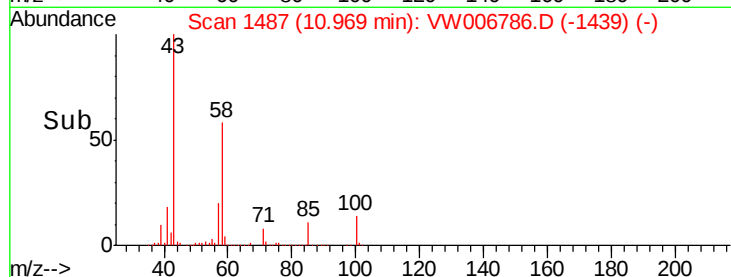
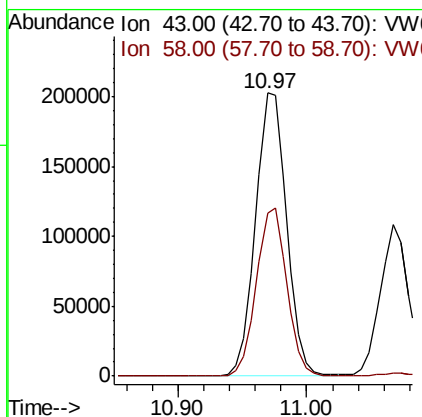
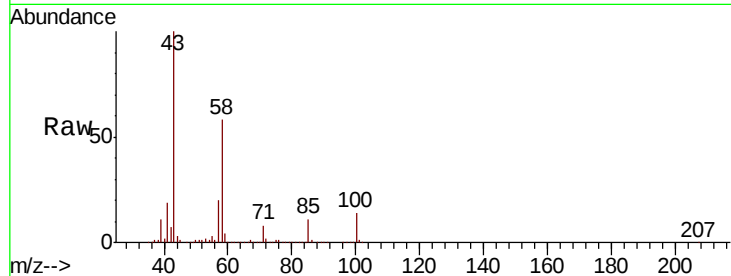
#59
2-Hexanone
Concen: 390.952 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VW006786.D
Acq: 09 Nov 2018 13:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion: 43 Resp: 336763
Ion Ratio Lower Upper
43 100
58 58.1 28.5 85.5

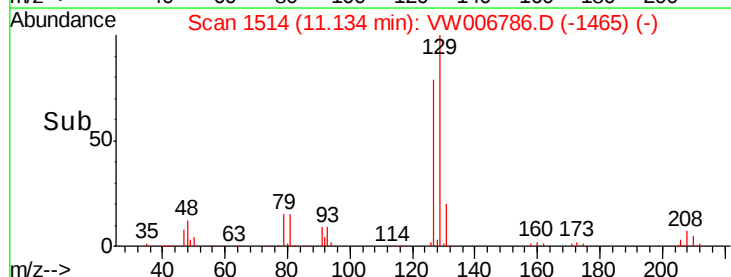
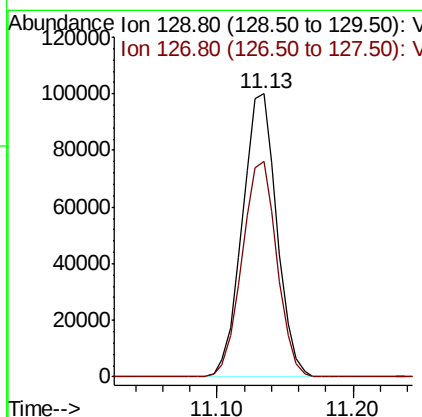
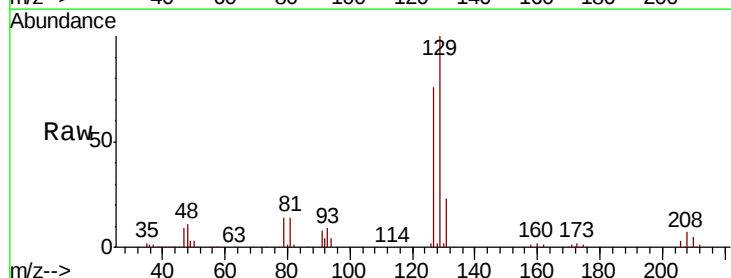
Manual Integrations
APPROVED

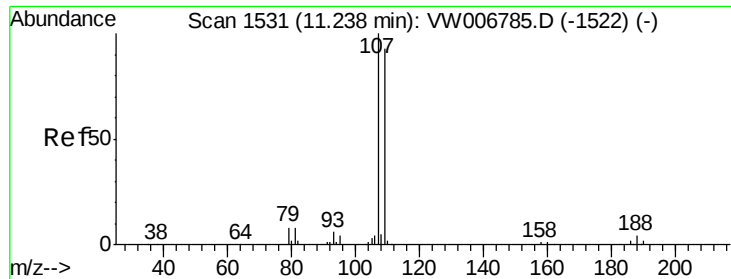
apatel
11/12/2018 3:40:48 PM



#60
Dibromochloromethane
Concen: 76.049 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006786.D
Acq: 09 Nov 2018 13:58

Tgt Ion: 129 Resp: 177394
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.3





#61

1,2-Dibromoethane

Concen: 71.584 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW006786.D

Acq: 09 Nov 2018 13:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 107 Resp: 139953

Ion Ratio Lower Upper

107 100

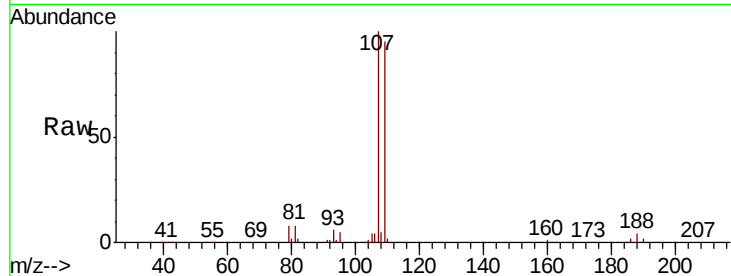
109 94.3 75.5 113.3

Manual Integrations

APPROVED

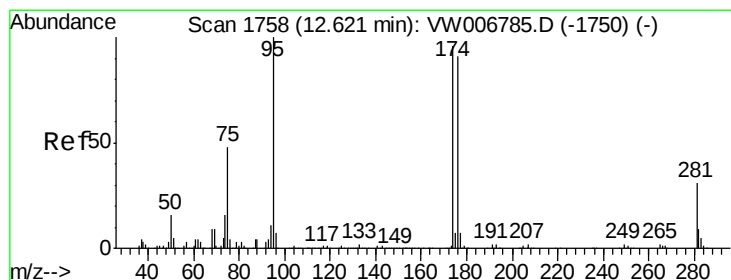
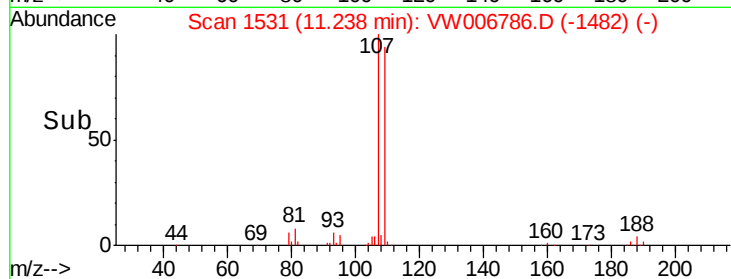
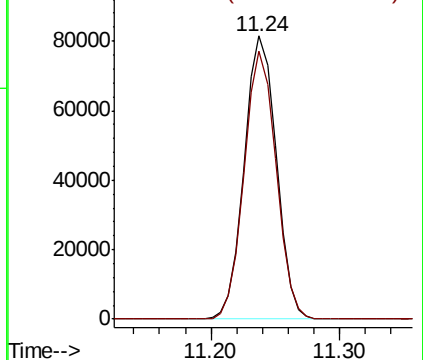
apatel

11/12/2018 3:40:48 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 72.020 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006786.D

Acq: 09 Nov 2018 13:58

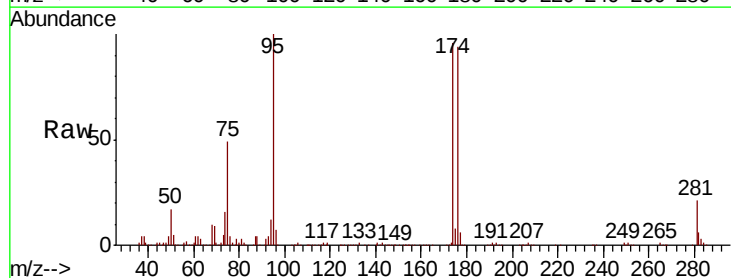
Tgt Ion: 95 Resp: 253303

Ion Ratio Lower Upper

95 100

174 97.5 0.0 196.2

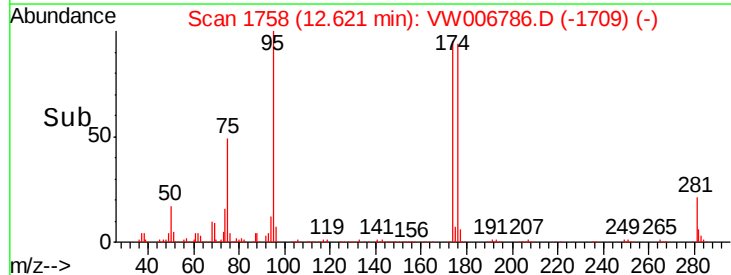
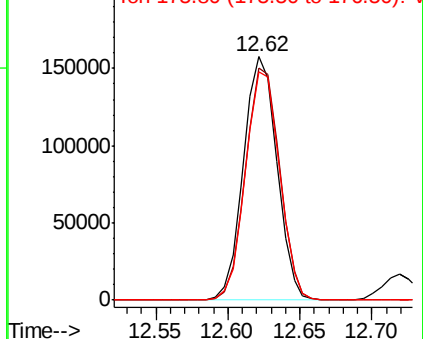
176 95.5 0.0 190.8

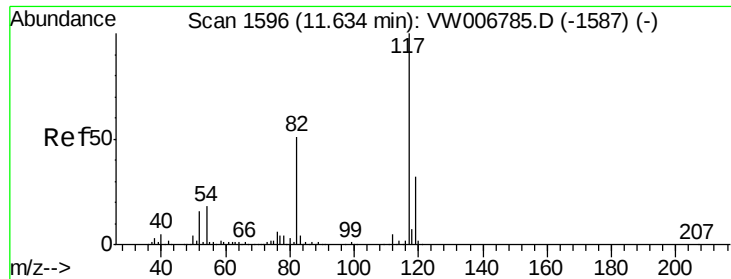


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





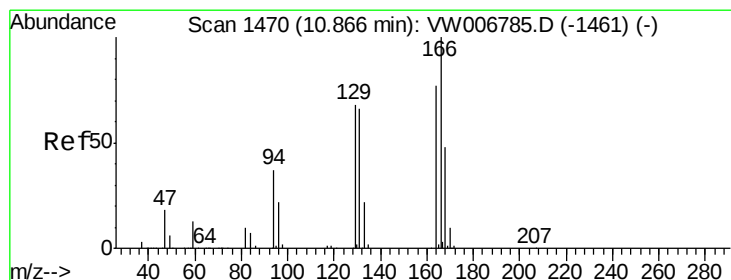
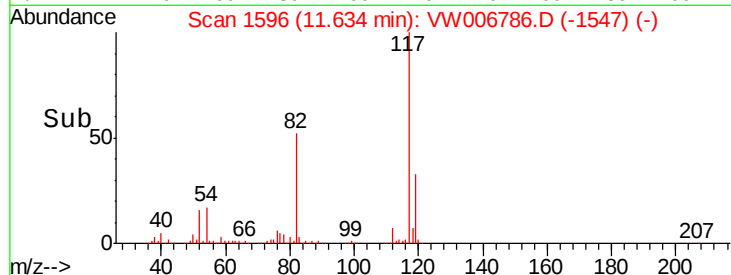
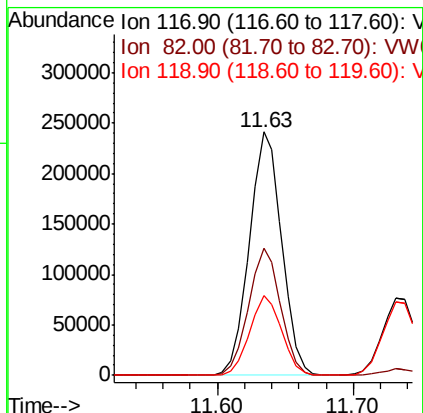
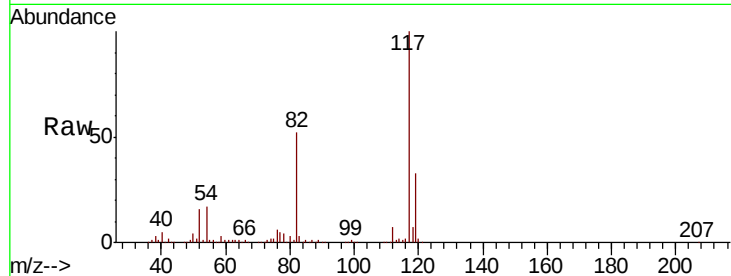
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006786.D
Acq: 09 Nov 2018 13:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	40.9	61.3
119	32.6	25.8	38.8

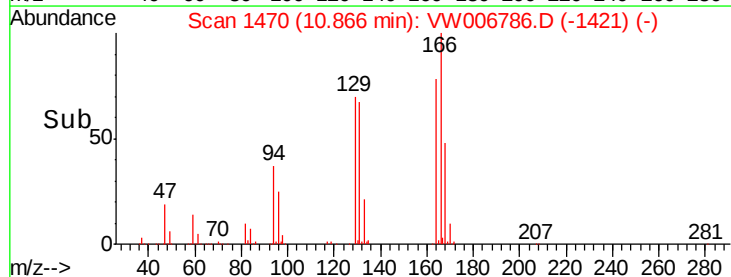
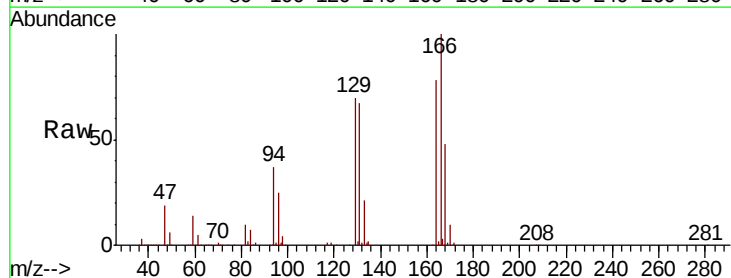
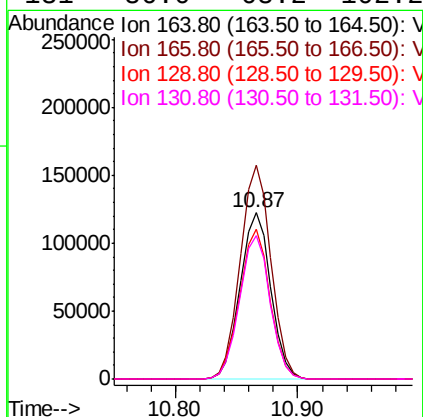
Manual Integrations
APPROVED

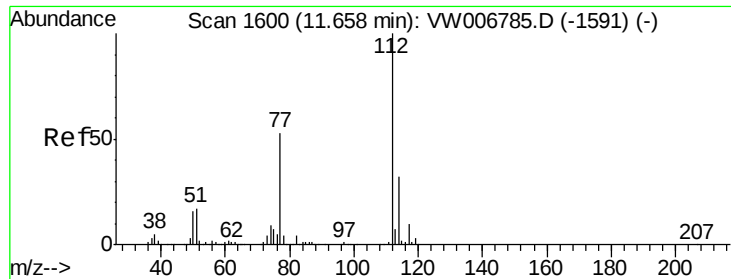
apatel
11/12/2018 3:40:48 PM



#64
Tetrachloroethene
Concen: 66.358 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006786.D
Acq: 09 Nov 2018 13:58

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.6	103.7	155.5
129	89.9	70.4	105.6
131	86.0	68.2	102.2





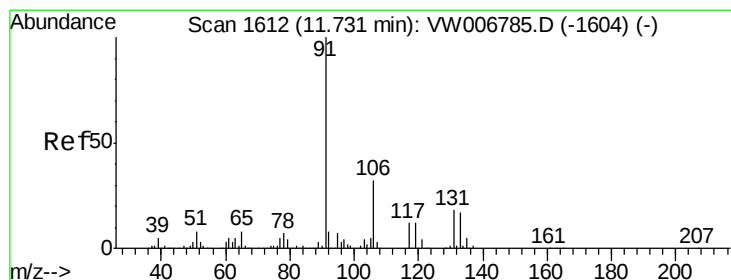
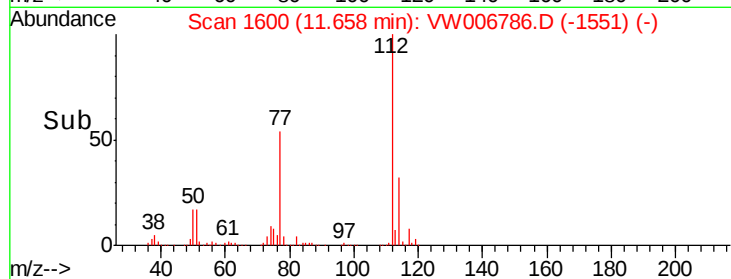
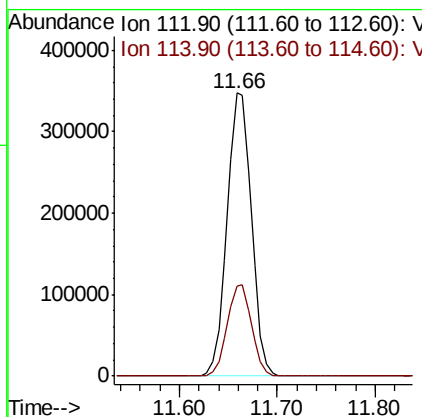
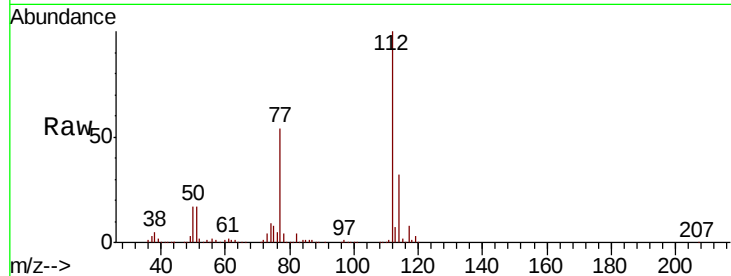
#65
Chlorobenzene
Concen: 70.957 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006786.D
Acq: 09 Nov 2018 13:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.9	38.9

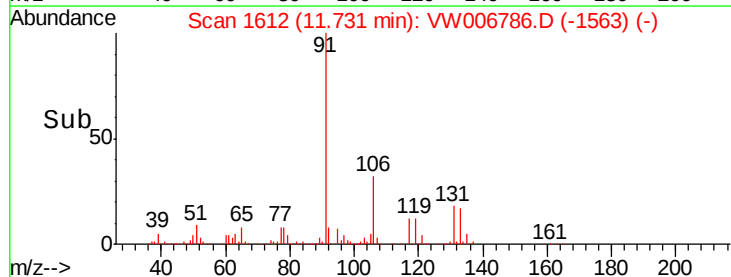
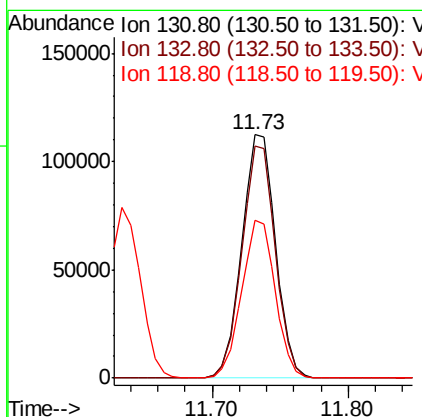
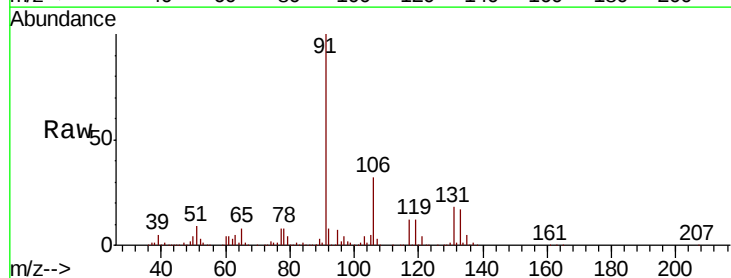
Manual Integrations
APPROVED

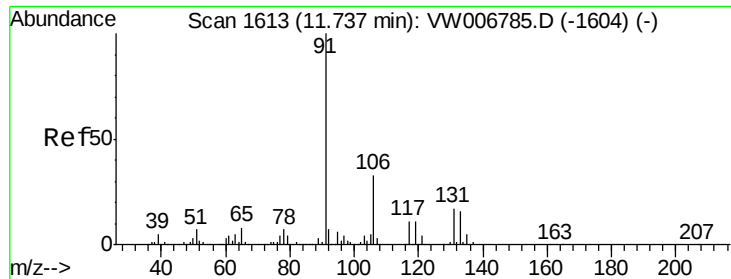
apatel
11/12/2018 3:40:48 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 65.733 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006786.D
Acq: 09 Nov 2018 13:58

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.6	47.9	143.6
119	64.5	32.3	96.8





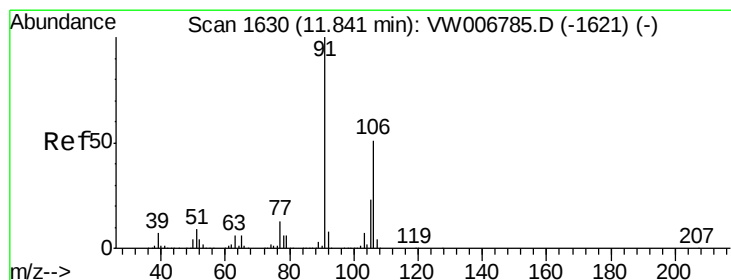
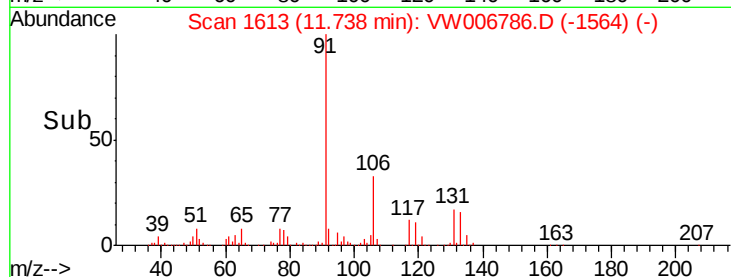
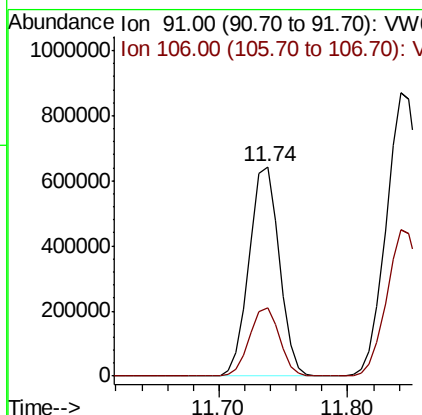
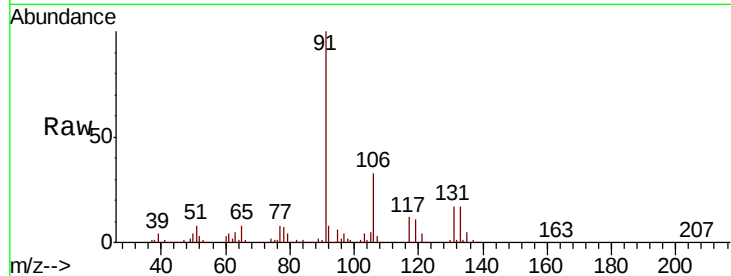
#67
Ethyl Benzene
Concen: 73.444 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006786.D
Acq: 09 Nov 2018 13:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion: 91 Resp: 1036410
Ion Ratio Lower Upper
91 100
106 32.9 26.3 39.5

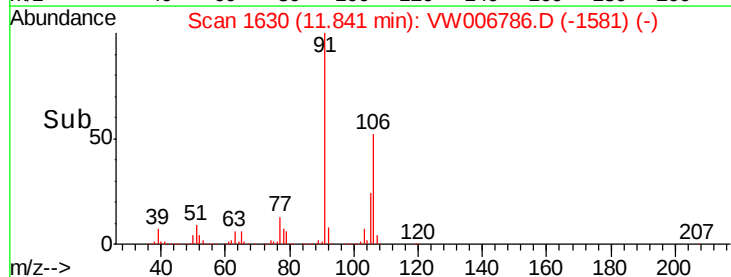
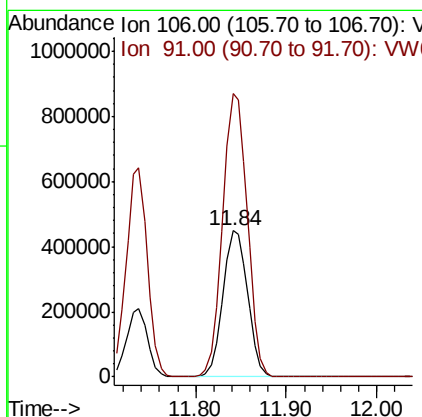
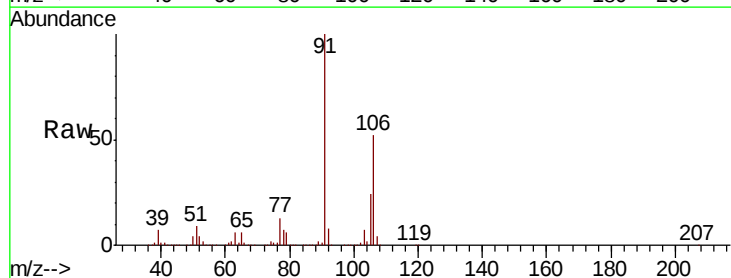
Manual Integrations
APPROVED

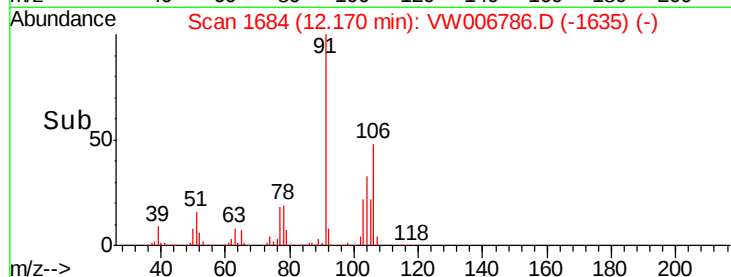
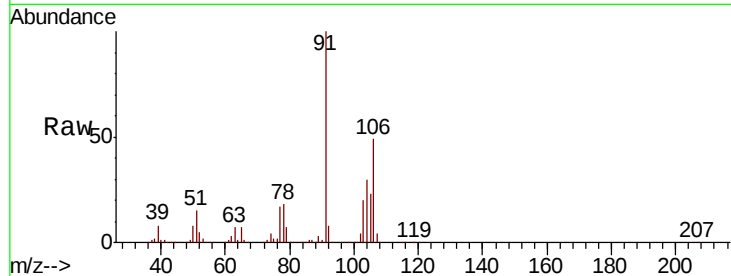
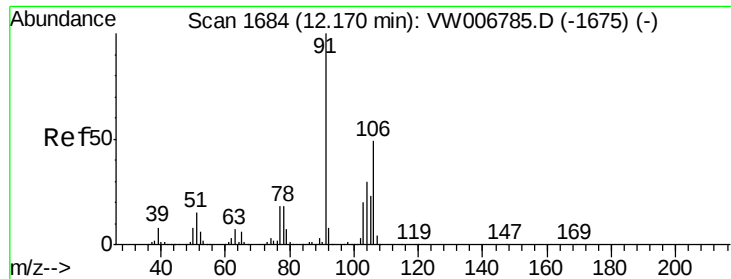
apatel
11/12/2018 3:40:48 PM



#68
m/p-Xylenes
Concen: 150.063 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006786.D
Acq: 09 Nov 2018 13:58

Tgt Ion: 106 Resp: 846036
Ion Ratio Lower Upper
106 100
91 194.7 155.3 232.9





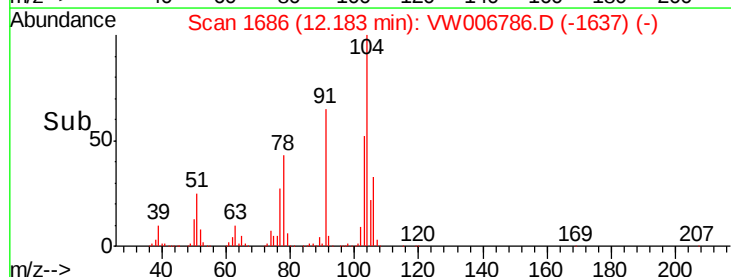
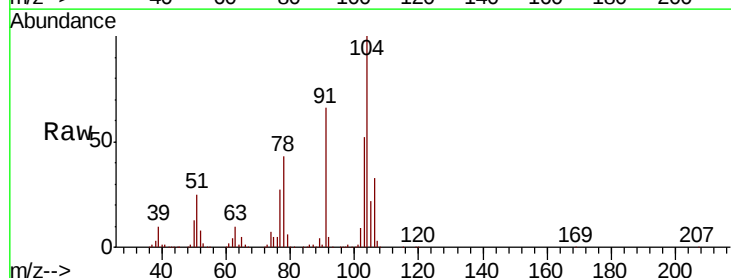
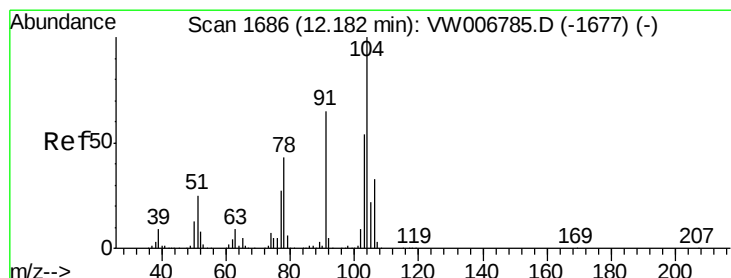
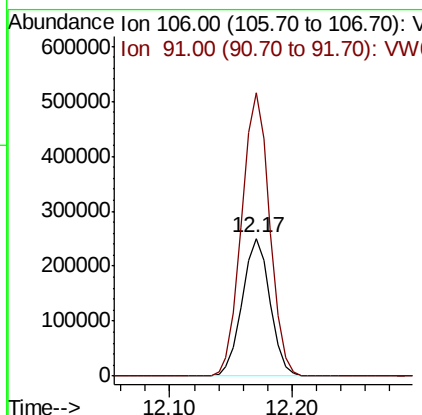
#69
o-Xylene
Concen: 73.765 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006786.D
Acq: 09 Nov 2018 13:58

Tot Ion:106 Resp: 395923
Ion Ratio Lower Upper
106 100
91 206.5 103.0 308.9

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

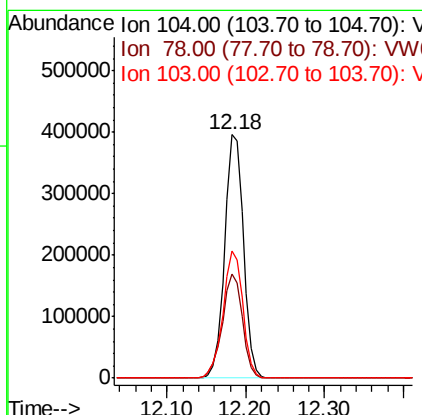
Manual Integrations
APPROVED

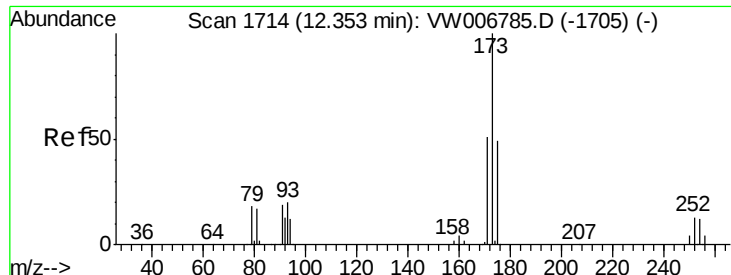
apatel
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#70
Styrene
Concen: 74.807 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006786.D
Acq: 09 Nov 2018 13:58

Tgt Ion:104 Resp: 654608
Ion Ratio Lower Upper
104 100
78 46.0 37.1 55.7
103 55.0 44.4 66.6





#71

Bromoform

Concen: 71.748 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006786.D

Acq: 09 Nov 2018 13:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion:173 Resp: 112859

Ion Ratio Lower Upper

173 100

175 49.0 24.3 72.8

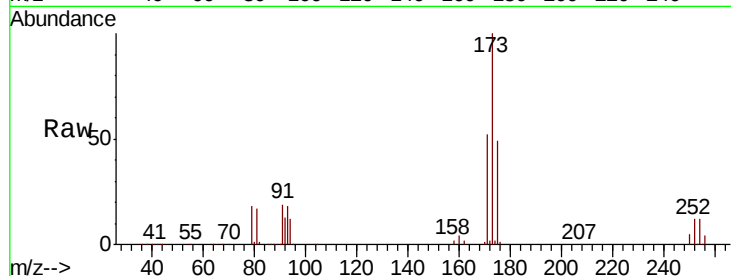
254 0.2 0.1 0.1#

Manual Integrations

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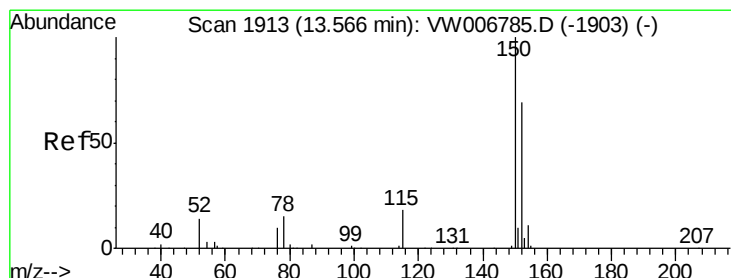
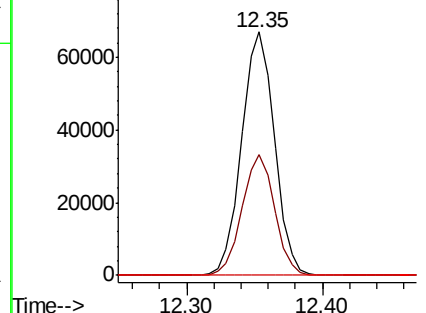
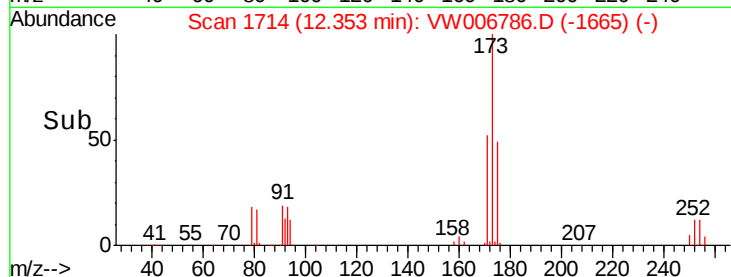
11/12/2018 3:40:48 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW006786.D

Acq: 09 Nov 2018 13:58

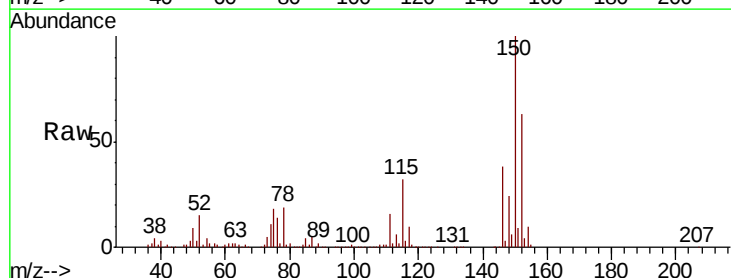
Tgt Ion:152 Resp: 231836

Ion Ratio Lower Upper

152 100

115 54.4 26.7 80.0

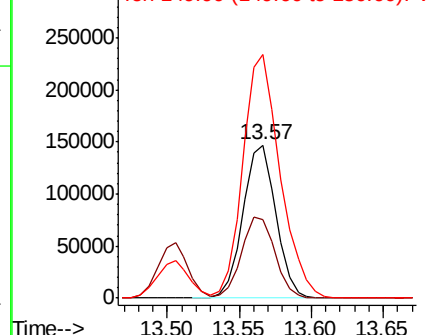
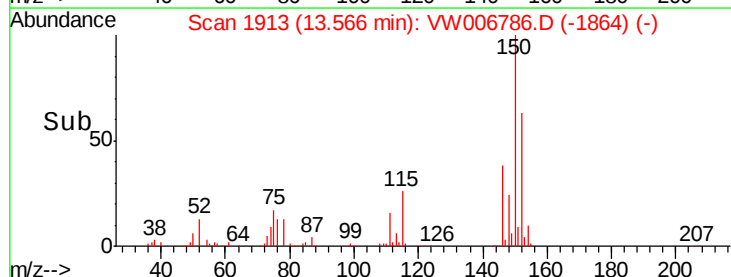
150 180.3 0.0 348.0

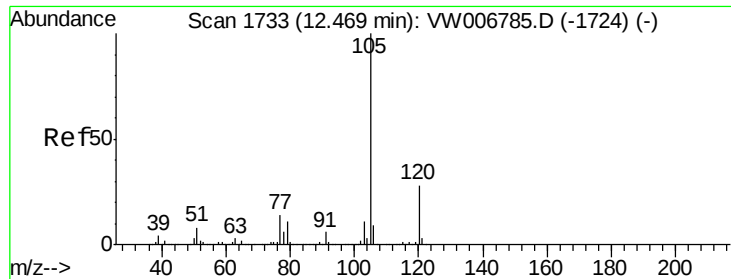


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





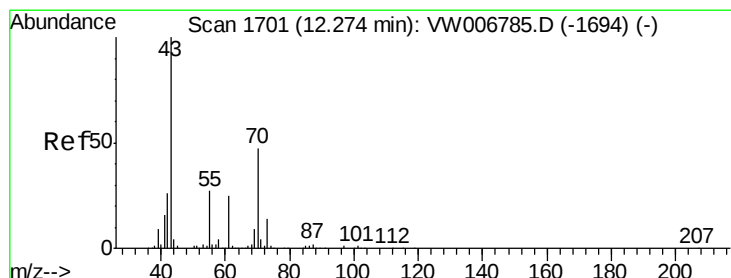
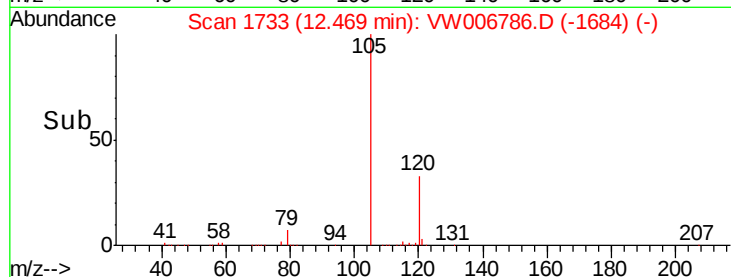
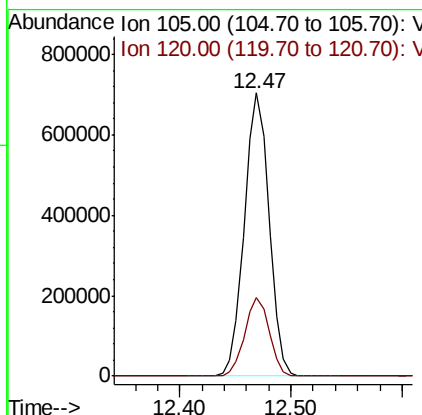
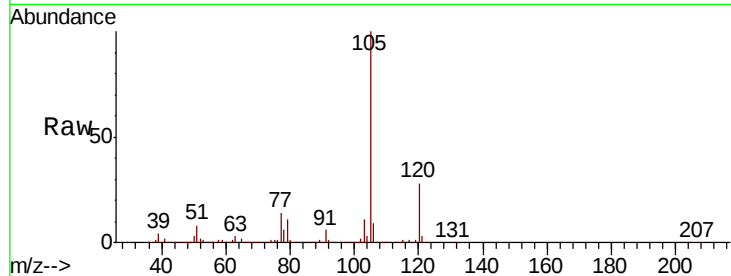
#73
Isopropylbenzene
Concen: 71.184 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006786.D
Acq: 09 Nov 2018 13:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion:105 Resp: 1087144
Ion Ratio Lower Upper
105 100
120 27.5 13.9 41.6

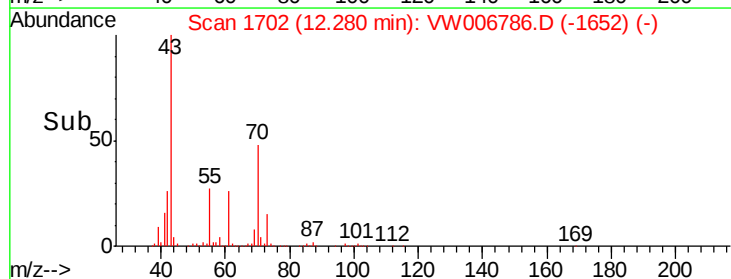
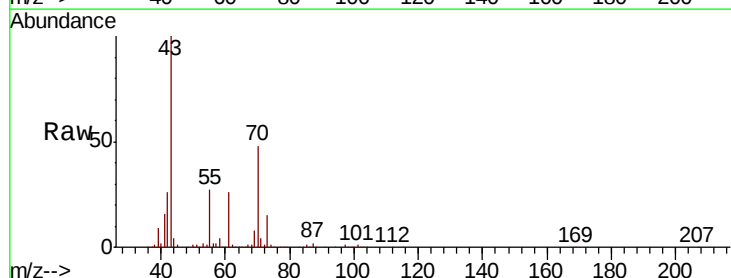
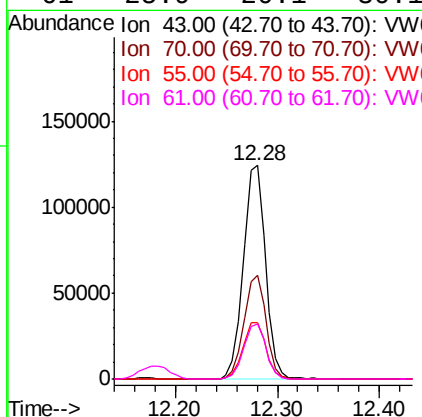
Manual Integrations
APPROVED

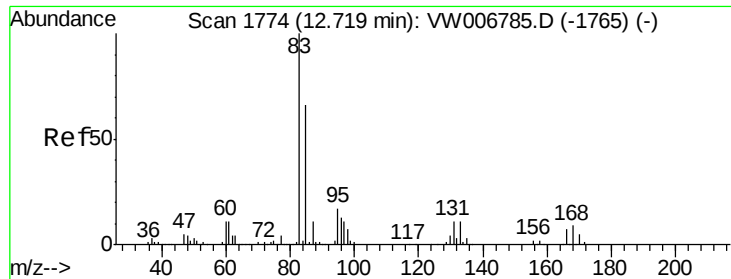
apatel
11/12/2018 3:40:48 PM



#74
N-ethyl acetate
Concen: 70.945 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. 0.01 min
Lab File: VW006786.D
Acq: 09 Nov 2018 13:58

Tgt Ion: 43 Resp: 187230
Ion Ratio Lower Upper
43 100
70 48.3 38.3 57.5
55 27.5 22.3 33.5
61 25.9 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 66.999 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006786.D

Acq: 09 Nov 2018 13:58

Instrument :

MSVOA_W

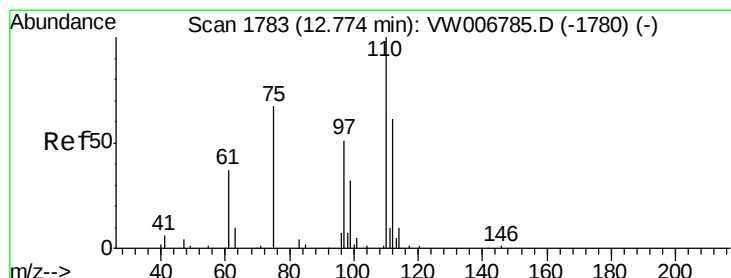
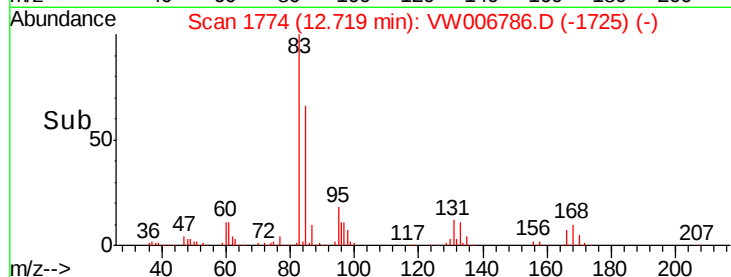
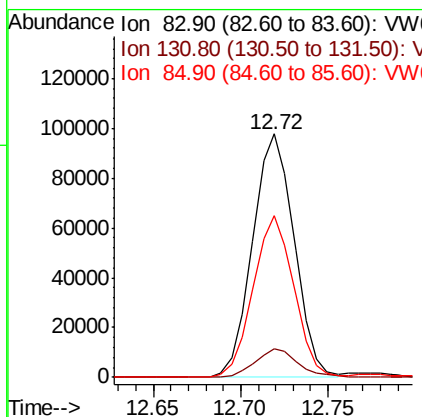
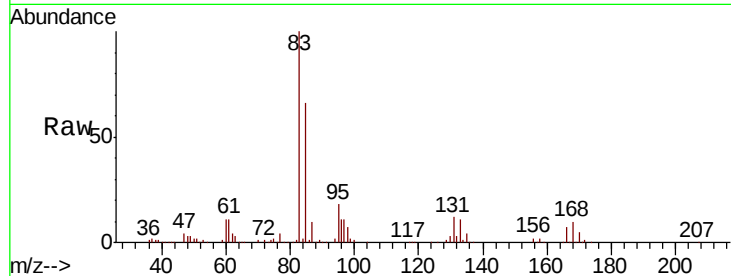
ClientSampleId :

VSTDIC075

Tot Ion:	83	Resp:	161609
Ion Ratio	Lower	Upper	
83	100		
131	12.1	6.0	18.0
85	65.2	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 67.870 ug/l m

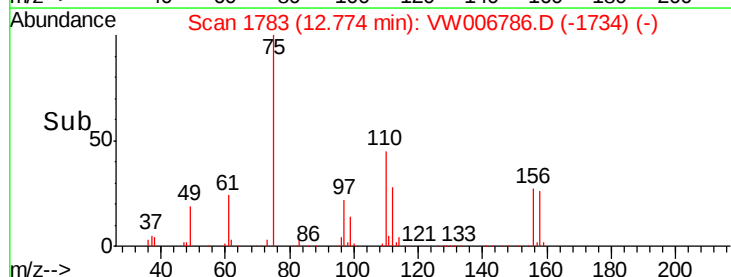
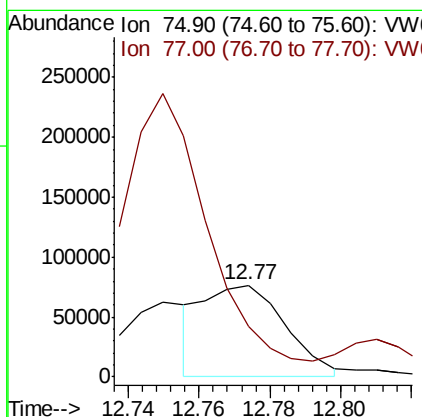
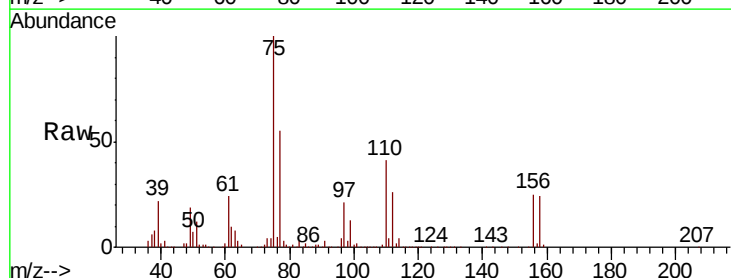
RT: 12.77 min Scan# 1783

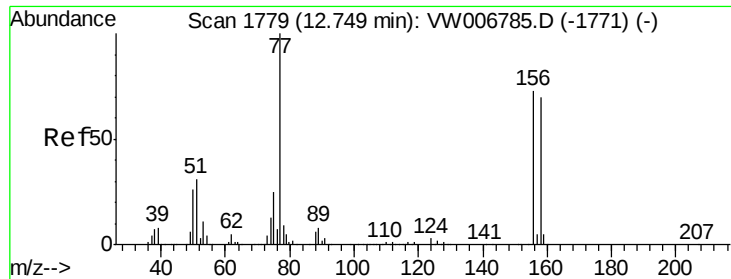
Delta R.T. 0.00 min

Lab File: VW006786.D

Acq: 09 Nov 2018 13:58

Tgt Ion:	75	Resp:	122767
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 69.256 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006786.D

Acq: 09 Nov 2018 13:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 156 Resp: 273848

Ion Ratio Lower Upper

156 100

77 153.2 75.4 226.3

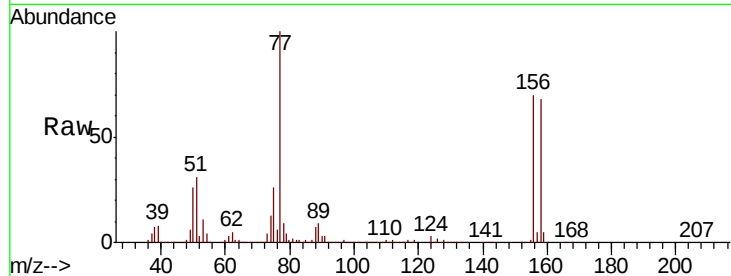
158 97.0 48.7 146.1

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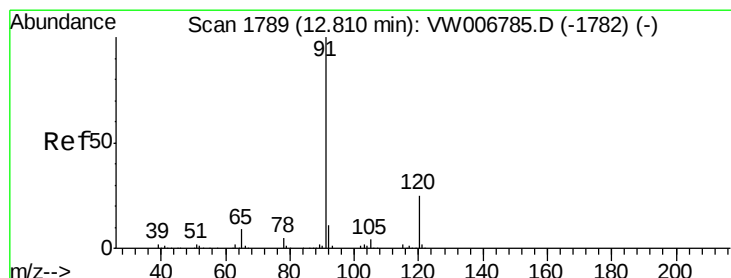
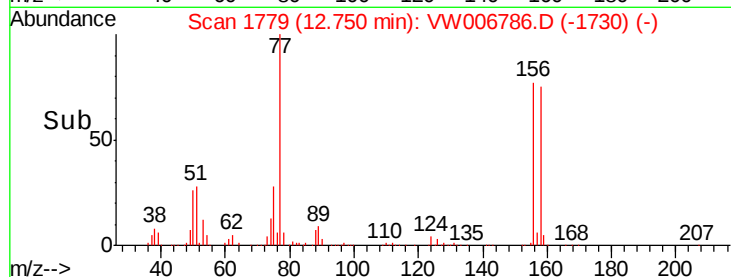
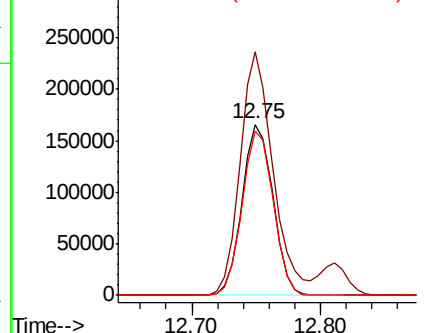
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 72.921 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006786.D

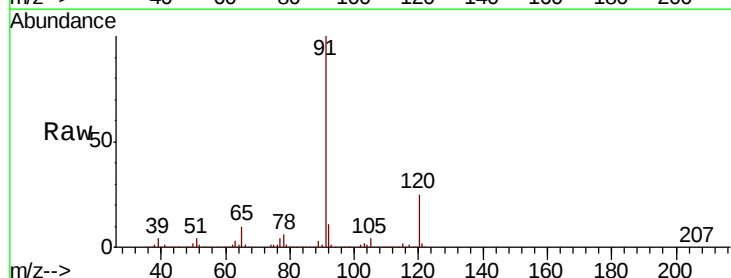
Acq: 09 Nov 2018 13:58

Tgt Ion: 91 Resp: 1280961

Ion Ratio Lower Upper

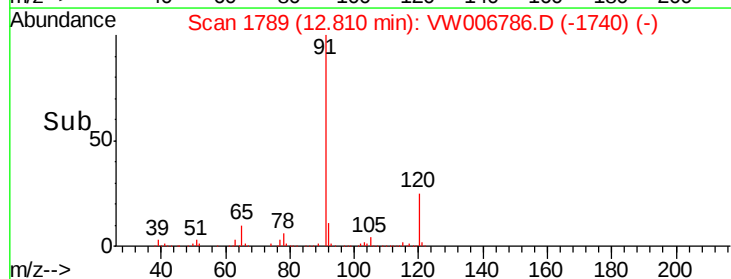
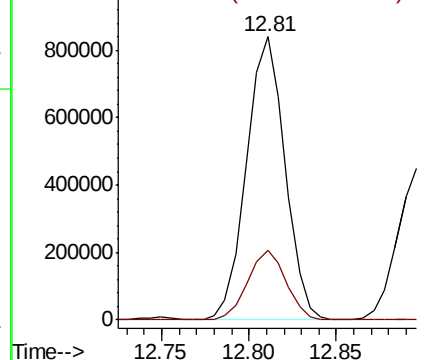
91 100

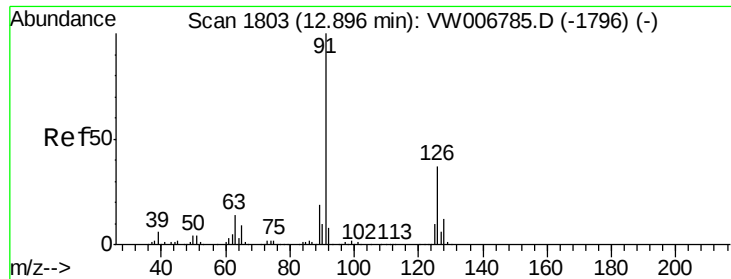
120 24.6 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 70.813 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006786.D

Acq: 09 Nov 2018 13:58

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 91 Resp: 713897

Ion Ratio Lower Upper

91 100

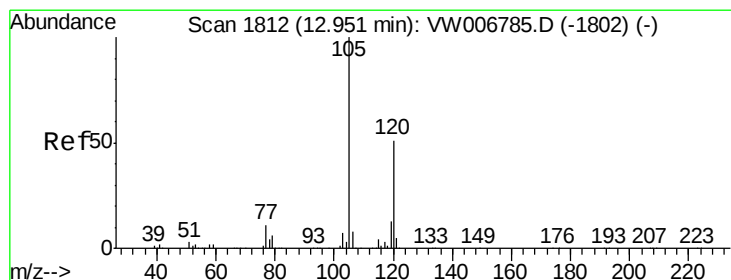
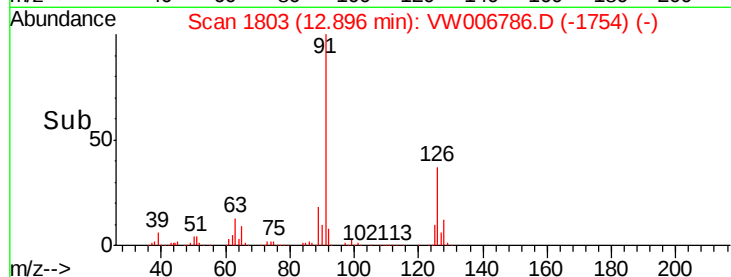
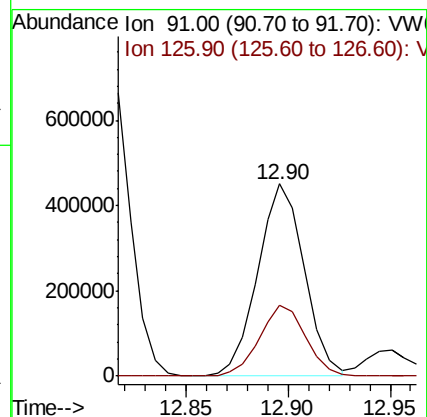
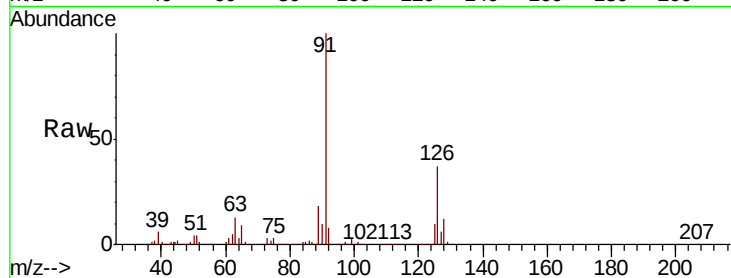
126 36.7 18.4 55.2

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#80

1,3,5-Trimethylbenzene

Concen: 72.695 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006786.D

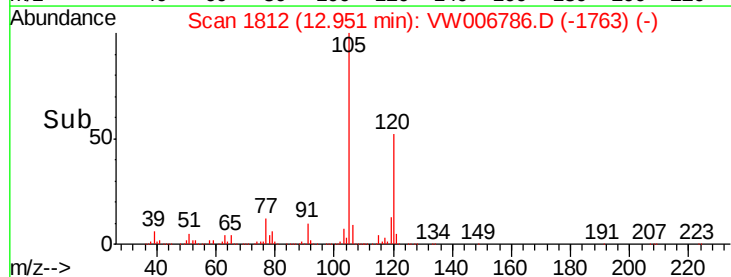
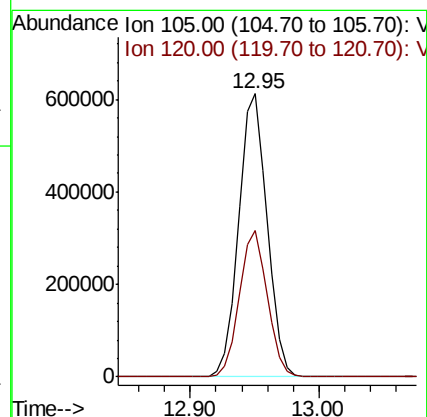
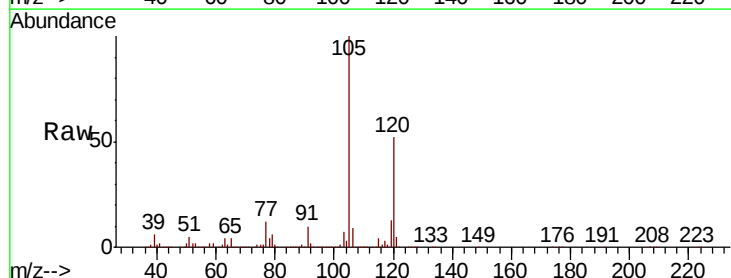
Acq: 09 Nov 2018 13:58

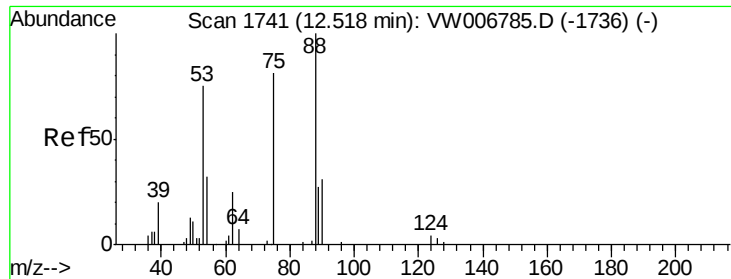
Tgt Ion:105 Resp: 932717

Ion Ratio Lower Upper

105 100

120 51.1 25.4 76.0





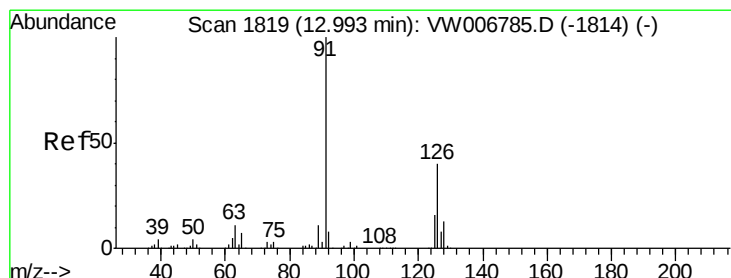
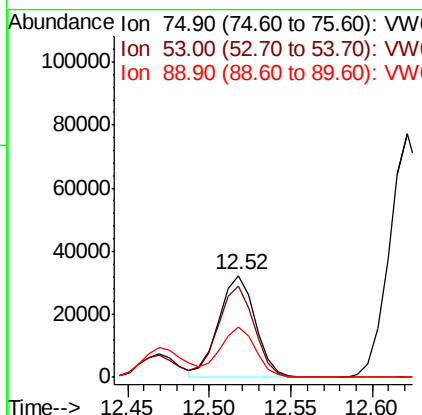
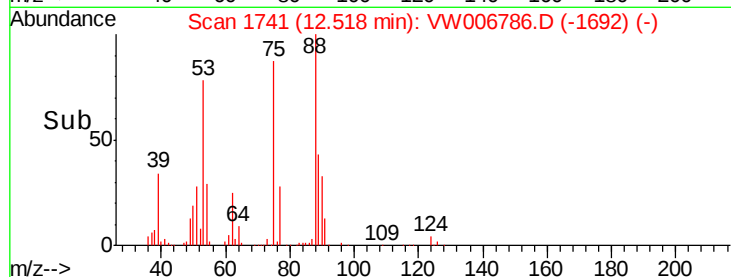
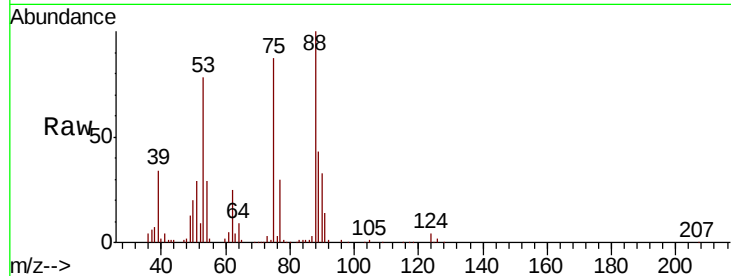
#81
trans-1,4-Dichloro-2-butene
Concen: 79.955 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006786.D
Acq: 09 Nov 2018 13:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.7	74.0	111.0
89	48.9	38.1	57.1

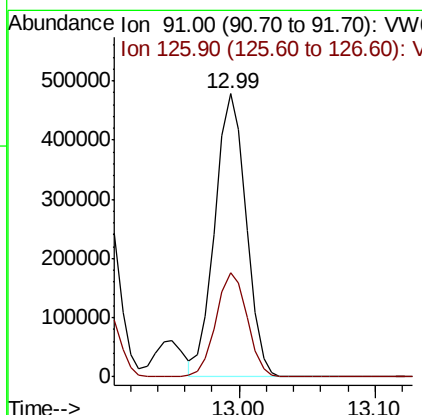
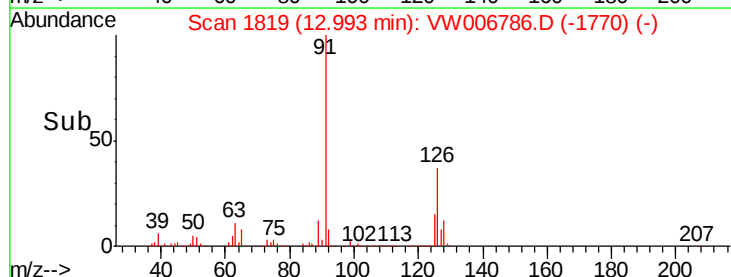
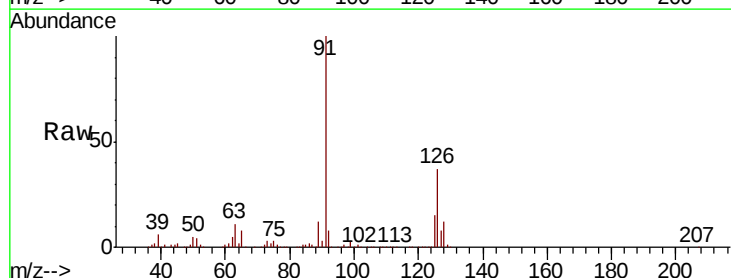
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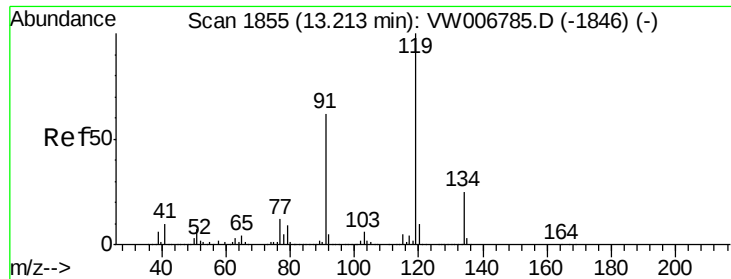
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#82
4-Chlorotoluene
Concen: 71.333 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006786.D
Acq: 09 Nov 2018 13:58

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.8	18.6	55.6





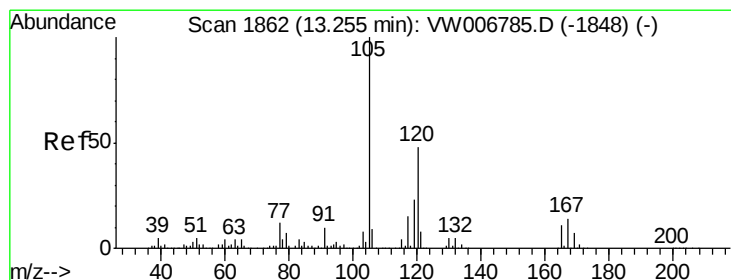
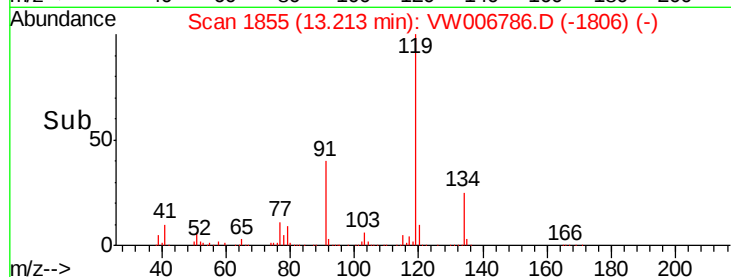
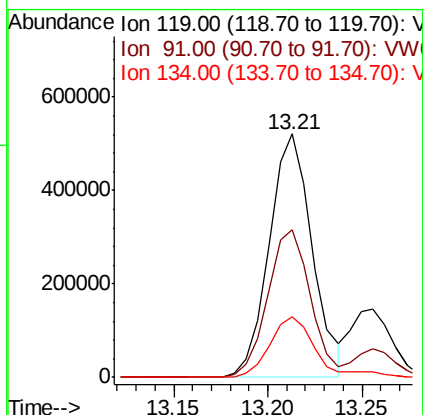
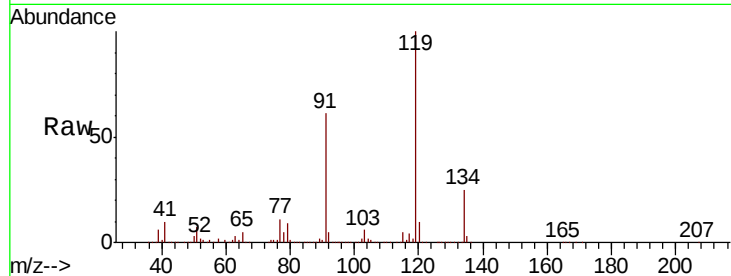
#83
tert-Butylbenzene
Concen: 72.055 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006786.D
Acq: 09 Nov 2018 13:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.4	30.4	91.2
134	26.5	13.6	40.7

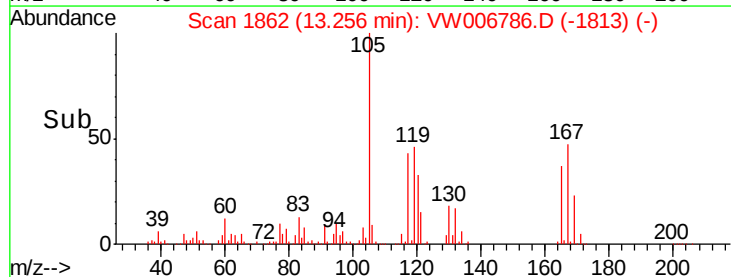
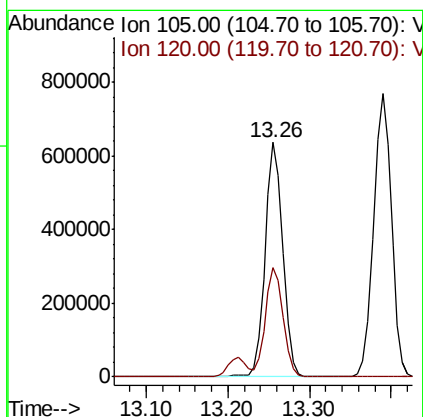
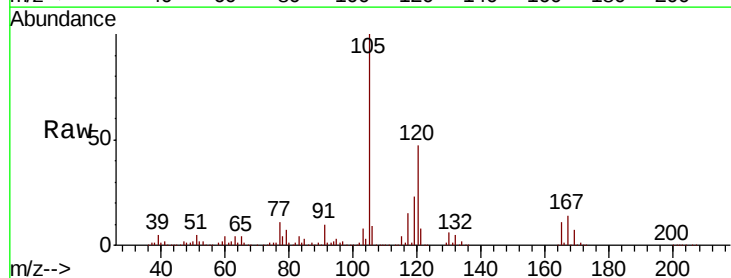
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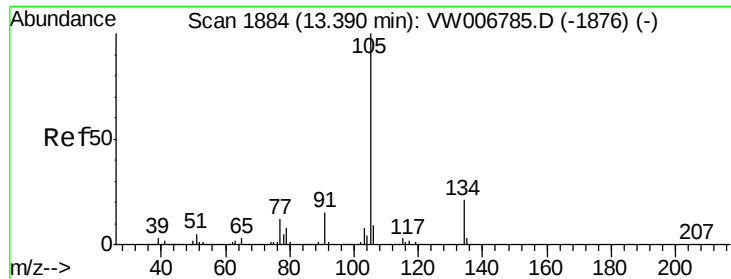
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#84
1,2,4-Trimethylbenzene
Concen: 73.129 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006786.D
Acq: 09 Nov 2018 13:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	23.4	70.0





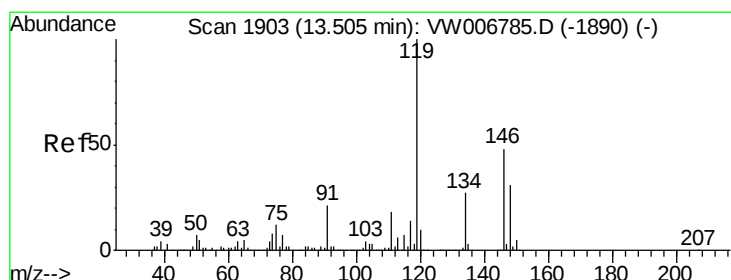
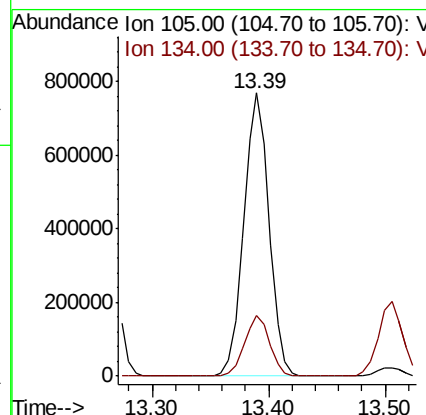
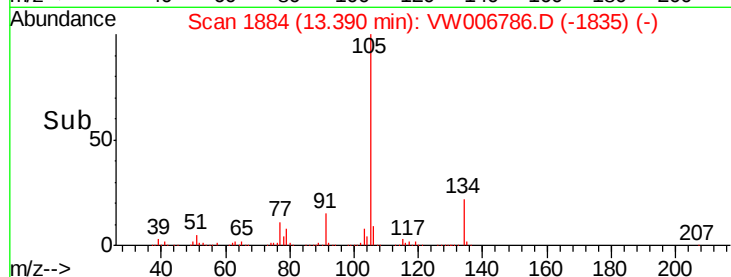
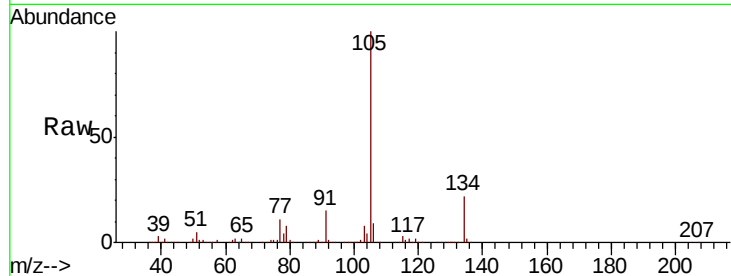
#85
 sec-Butylbenzene
 Concen: 72.455 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006786.D
 Acq: 09 Nov 2018 13:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion:105 Resp: 1161103
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.7 32.1

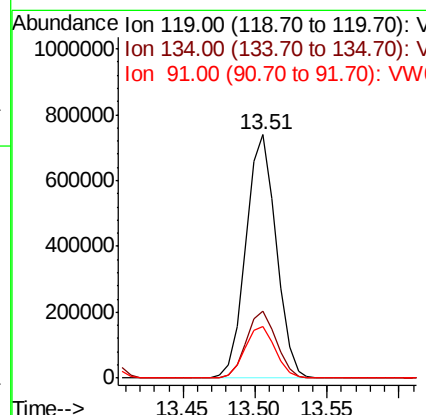
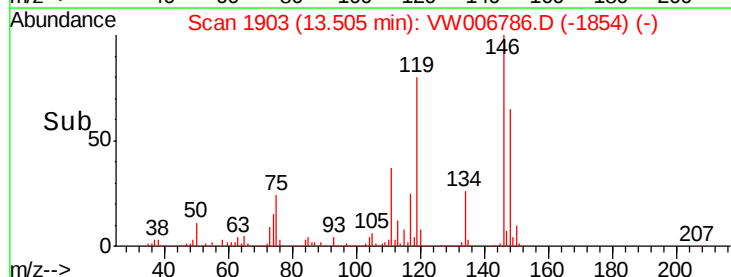
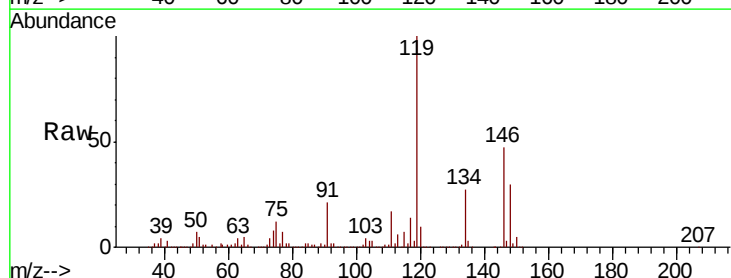
Manual Integrations
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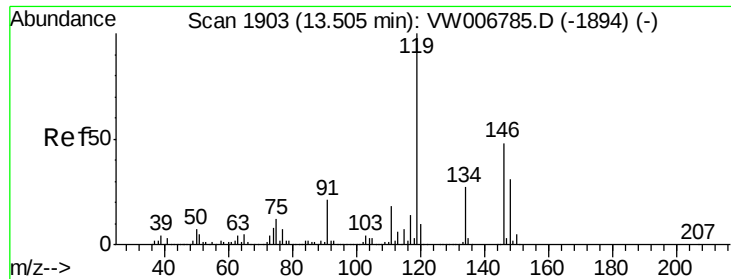
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#86
 p-Isopropyltoluene
 Concen: 73.411 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006786.D
 Acq: 09 Nov 2018 13:58

Tgt Ion:119 Resp: 1070445
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.6 40.7
 91 21.5 10.8 32.4





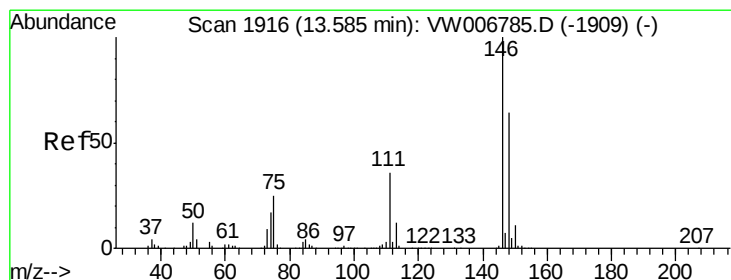
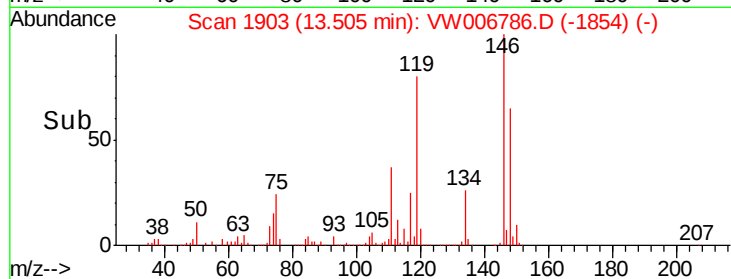
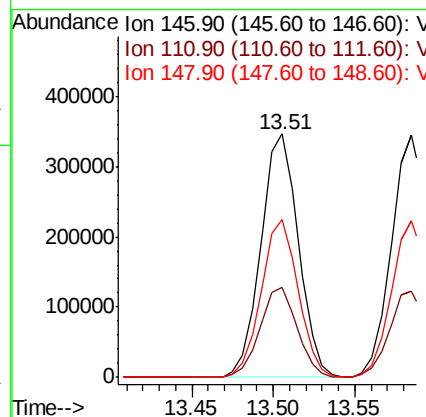
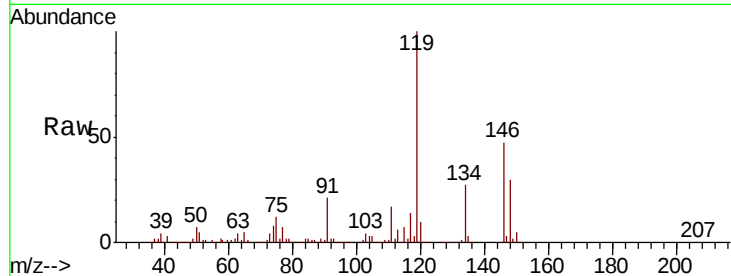
#87
 1,3-Dichlorobenzene
 Concen: 70.803 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006786.D
 Acq: 09 Nov 2018 13:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.4	55.0
148	63.8	31.9	95.9

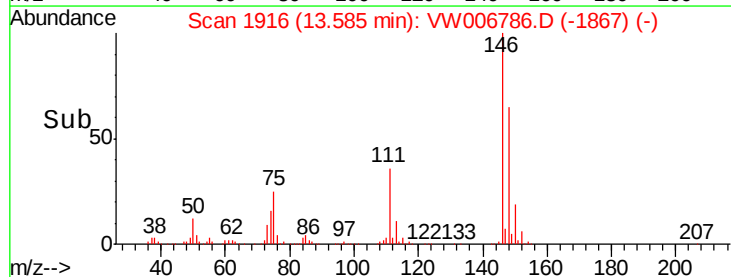
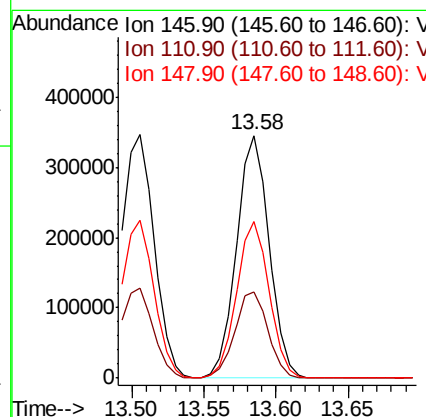
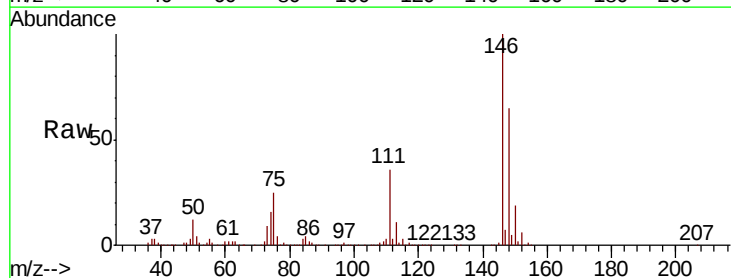
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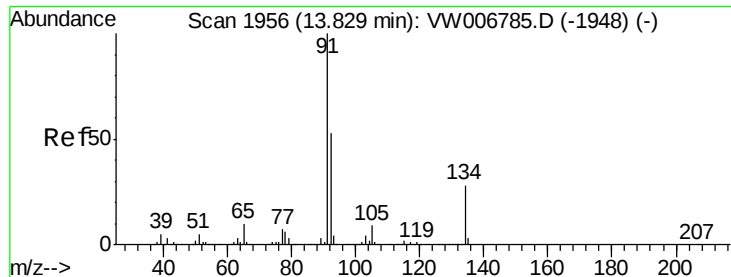
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#88
 1,4-Dichlorobenzene
 Concen: 70.366 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006786.D
 Acq: 09 Nov 2018 13:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.1	54.1
148	64.7	32.2	96.6





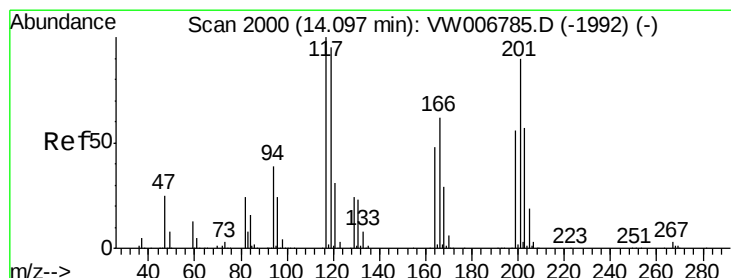
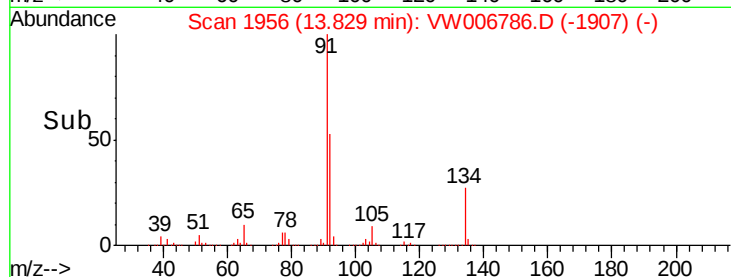
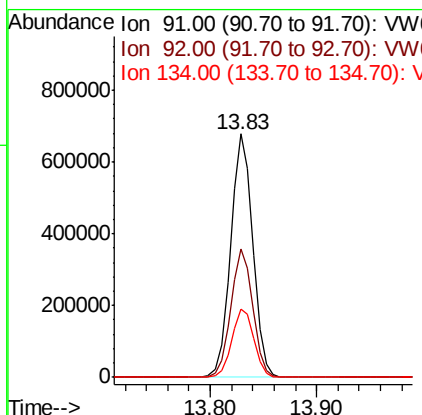
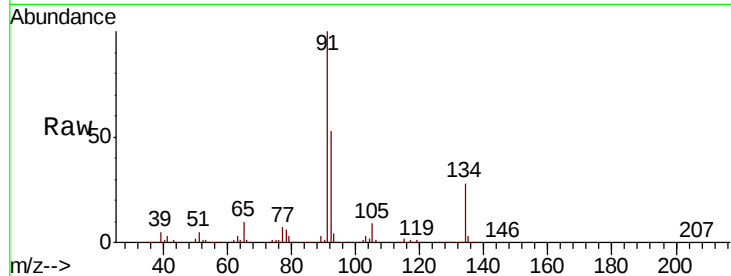
#89
n-Butylbenzene
Concen: 76.042 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006786.D
Acq: 09 Nov 2018 13:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.1	78.2
134	28.3	14.2	42.8

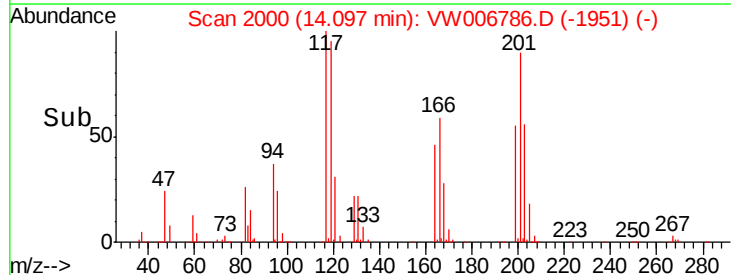
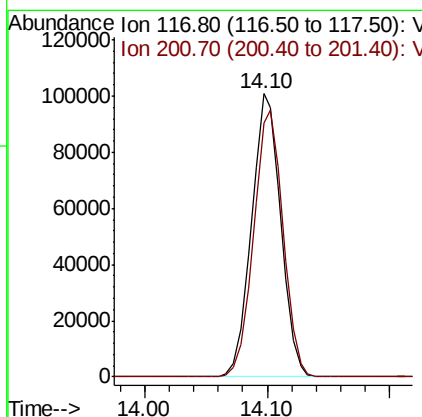
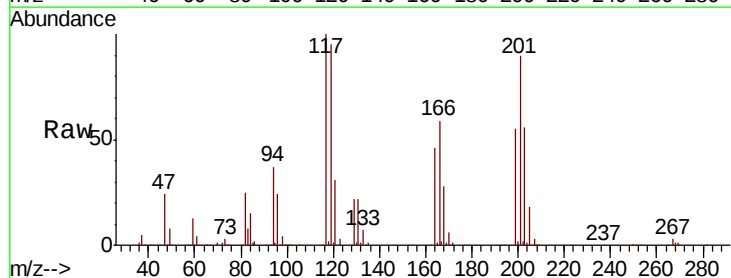
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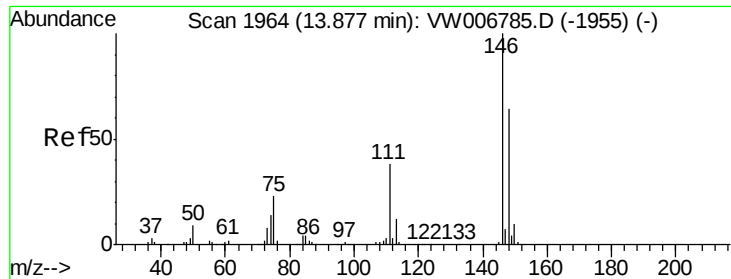
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11/12/2018 3:40:48 PM



#90
Hexachloroethane
Concen: 70.042 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW006786.D
Acq: 09 Nov 2018 13:58

Tgt Ion	Ratio	Lower	Upper
117	100		
201	94.7	47.0	141.2





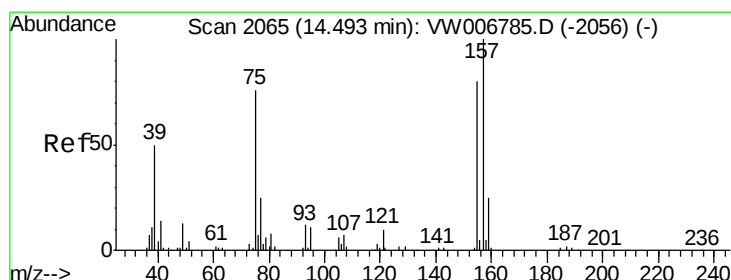
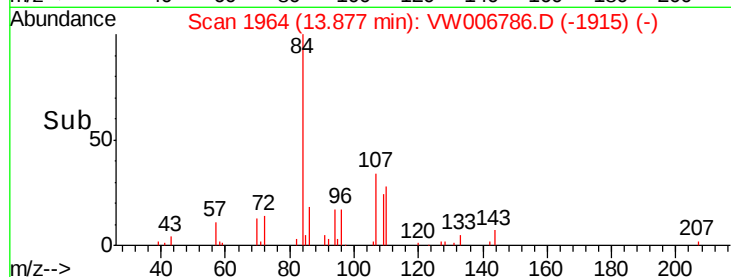
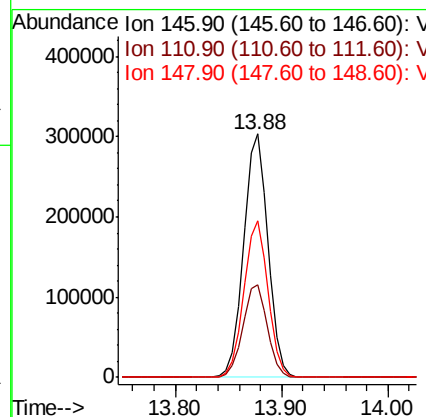
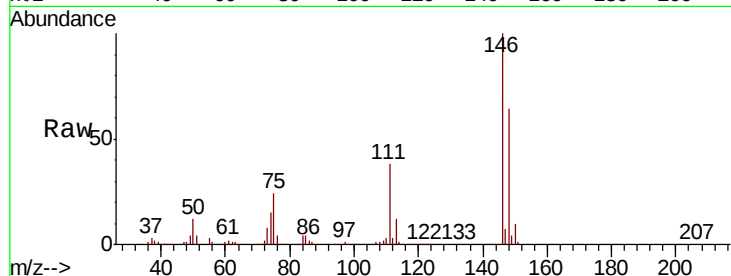
#91
 1,2-Dichlorobenzene
 Concen: 69.334 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006786.D
 Acq: 09 Nov 2018 13:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.1	57.3
148	64.0	32.0	96.2

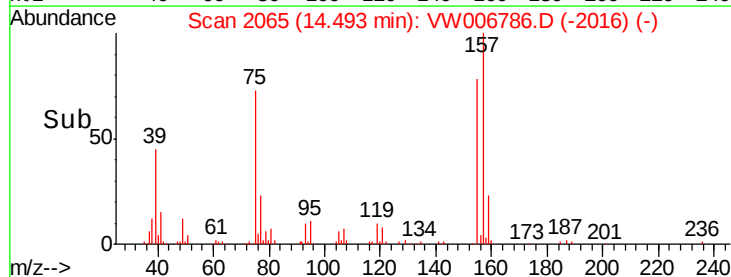
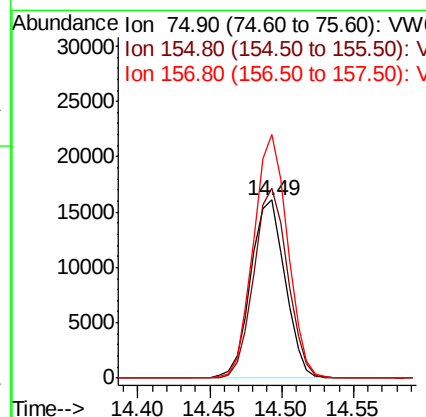
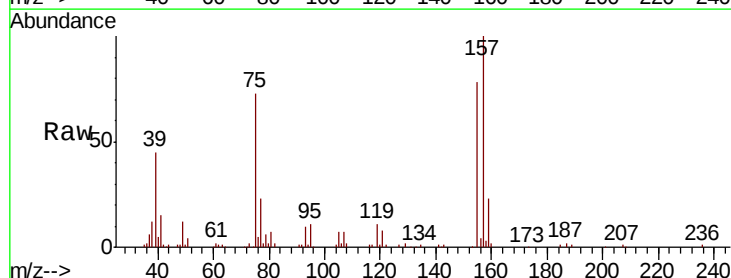
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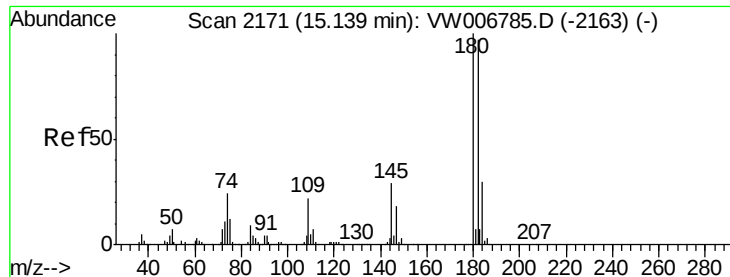
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 67.801 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006786.D
 Acq: 09 Nov 2018 13:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	104.3	51.0	153.1
157	135.1	65.5	196.5





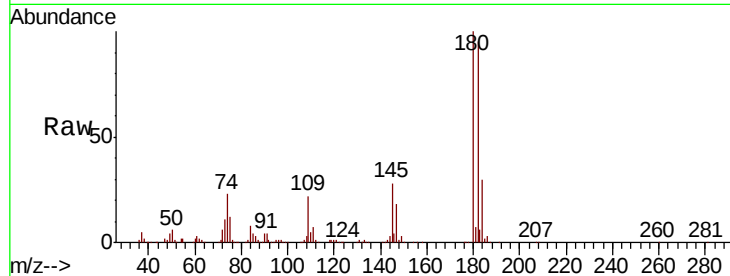
#93
 1,2,4-Trichlorobenzene
 Concen: 71.226 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006786.D
 Acq: 09 Nov 2018 13:58

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.1	47.9	143.8	
145	27.8	14.1	42.3	

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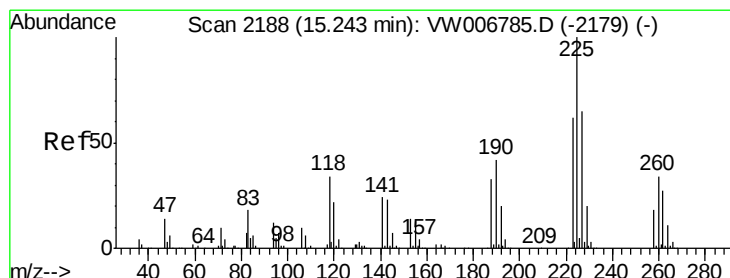
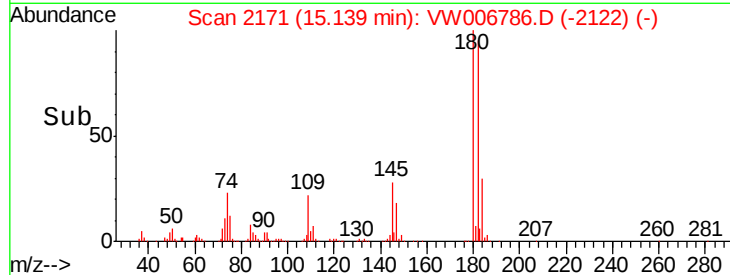
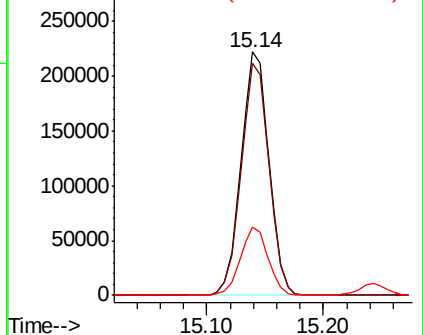


Abundance

Ion 179.80 (179.50 to 180.50): V

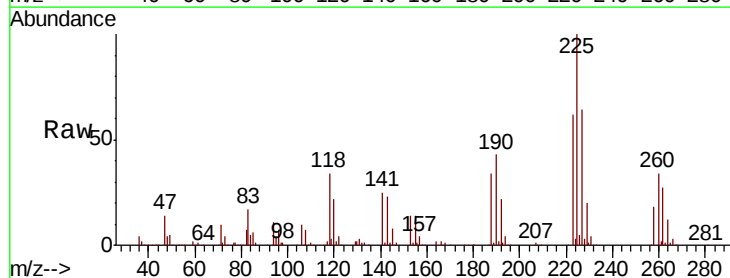
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 69.327 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006786.D
 Acq: 09 Nov 2018 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.2	30.9	92.5	
227	63.6	31.9	95.7	

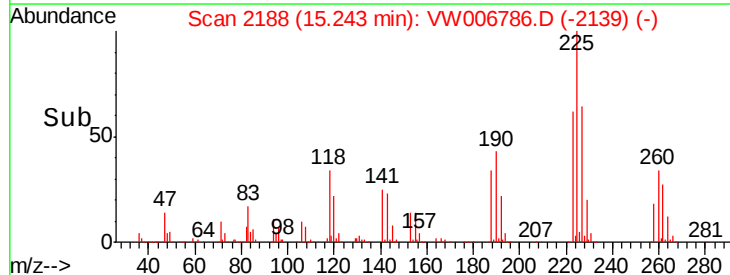
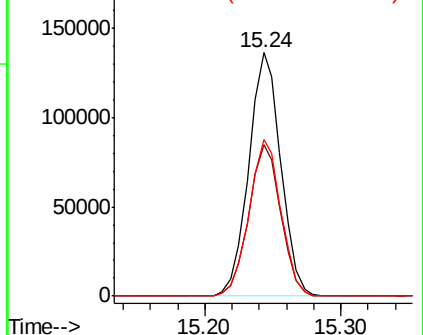


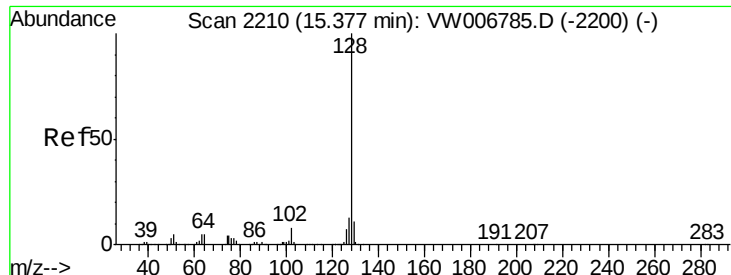
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





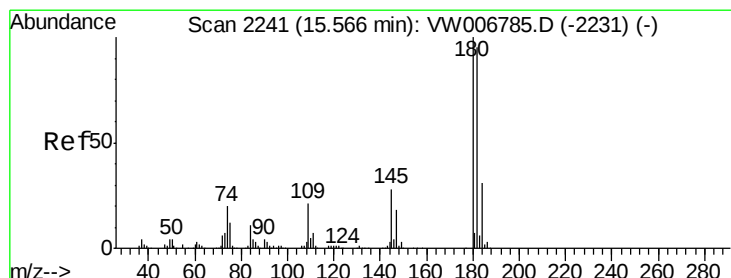
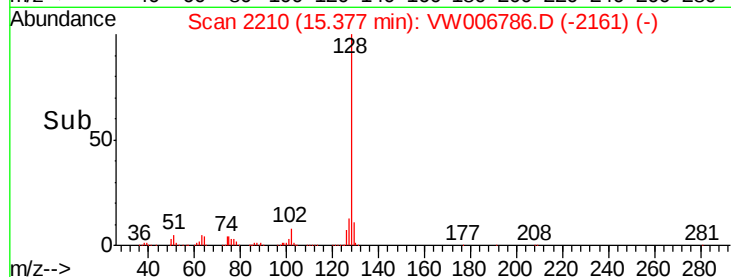
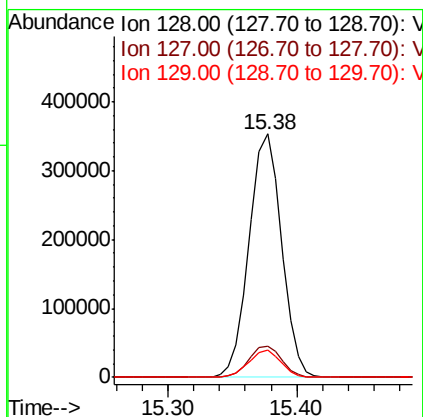
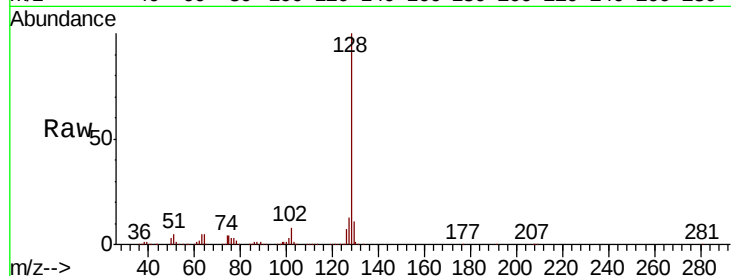
#95
Naphthalene
Concen: 73.490 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006786.D
Acq: 09 Nov 2018 13:58

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	15.8
129	11.0	8.8	13.2

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#96
1,2,3-Trichlorobenzene
Concen: 69.814 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006786.D
Acq: 09 Nov 2018 13:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.8	143.4
145	29.9	14.5	43.6

