

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110918\
 Data File : VW006784.D
 Acq On : 09 Nov 2018 13:07
 Operator : SY/AP
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Manual Integrations
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 11/12/2018 3:40:33 PM

Quant Time: Nov 12 00:54:50 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	7.96	168	300890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	403276	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	395264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	225641	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	46282	17.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	35.78%	
35) Dibromofluoromethane	7.89	113	47091	18.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.22%	
50) Toluene-d8	10.33	98	199185	20.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.34%	
62) 4-Bromofluorobenzene	12.62	95	71209	20.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	56421	36.172	ug/l	97
3) Chloromethane	2.21	50	65641	34.012	ug/l	97
4) Vinyl Chloride	2.36	62	67995	25.232	ug/l	98
5) Bromomethane	2.78	94	44059	19.482	ug/l	100
6) Chloroethane	2.92	64	43492	23.099	ug/l	95
7) Trichlorofluoromethane	3.26	101	82748	34.773	ug/l	98
8) Diethyl Ether	3.69	74	23884	18.361	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	54957	21.627	ug/l	99
10) Methyl Iodide	4.28	142	74523	16.174	ug/l	99
11) Tert butyl alcohol	5.21	59	14067	100.944	ug/l #	93
12) 1,1-Dichloroethene	4.04	96	45721	18.629	ug/l	99
13) Acrolein	3.90	56	15693	89.536	ug/l	98
14) Allyl chloride	4.68	41	60388	18.850	ug/l	100
15) Acrylonitrile	5.38	53	45871	98.348	ug/l	98
16) Acetone	4.15	43	31326	75.018	ug/l	100
17) Carbon Disulfide	4.39	76	147673	21.144	ug/l	99
18) Methyl Acetate	4.68	43	21756	18.119	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	114256	31.275	ug/l	99
20) Methylene Chloride	4.92	84	62729	19.293	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	54222	19.524	ug/l	99
22) Diisopropyl ether	6.32	45	133492	19.987	ug/l	98
23) Vinyl Acetate	6.26	43	380012	102.603	ug/l	99
24) 1,1-Dichloroethane	6.22	63	84180	18.597	ug/l	100
25) 2-Butanone	7.18	43	55149	92.552	ug/l	99
26) 2,2-Dichloropropane	7.18	77	80980	29.699	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	58579	18.854	ug/l	99
28) Bromochloromethane	7.52	49	30400	16.914	ug/l	98
29) Tetrahydrofuran	7.54	42	34700	92.586	ug/l	99
30) Chloroform	7.68	83	92770	18.693	ug/l	100
31) Cyclohexane	7.96	56	89098	21.627	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	90769	21.615	ug/l	100
36) 1,1-Dichloropropene	8.09	75	81125	22.875	ug/l	100
37) Ethyl Acetate	7.26	43	26857	21.853	ug/l	100
38) Carbon Tetrachloride	8.07	117	84692	22.854	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	95707	21.266	ug/l	96
40) Benzene	8.33	78	221294	21.969	ug/l	98
41) Methacrylonitrile	7.49	41	15562	20.650	ug/l	92
42) 1,2-Dichloroethane	8.41	62	59845	20.716	ug/l	100
43) Isopropyl Acetate	8.43	43	49598	20.224	ug/l	99
44) Trichloroethene	9.10	130	70102	22.552	ug/l	99
45) 1,2-Dichloropropane	9.37	63	52707	22.484	ug/l	98
46) Dibromomethane	9.46	93	28546	20.715	ug/l	99
47) Bromodichloromethane	9.65	83	71242	22.266	ug/l	99
48) Methyl methacrylate	9.44	41	23159	19.600	ug/l	99
49) 1,4-Dioxane	9.48	88	7933	393.364	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	124675	98.986	ug/l	100
52) Toluene	10.39	92	150642	22.297	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	67587	21.948	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	81929	22.515	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	41533	21.242	ug/l	97
56) Ethyl methacrylate	10.65	69	43294	19.482	ug/l	97
57) 1,3-Dichloropropane	10.93	76	68436	21.555	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	111319	103.047	ug/l	99
59) 2-Hexanone	10.98	43	83806	97.966	ug/l	98
60) Dibromochloromethane	11.13	129	50275	21.703	ug/l	99
61) 1,2-Dibromoethane	11.24	107	40320	20.766	ug/l	99
64) Tetrachloroethene	10.87	164	62702	19.900	ug/l	99
65) Chlorobenzene	11.66	112	176306	21.197	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	57105	19.533	ug/l	99
67) Ethyl Benzene	11.74	91	294162	21.159	ug/l	100
68) m/p-Xylenes	11.85	106	243116	43.771	ug/l	100
69) o-Xylene	12.17	106	110354	20.869	ug/l	100
70) Styrene	12.19	104	180227	20.906	ug/l	100
71) Bromoform	12.35	173	30388	19.609	ug/l #	100
73) Isopropylbenzene	12.47	105	299100	20.122	ug/l	100
74) N-amyl acetate	12.27	43	47556	18.515	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	44718	19.048	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	34555m	19.628	ug/l	
77) Bromobenzene	12.75	156	78427	20.379	ug/l	100
78) n-propylbenzene	12.81	91	361222	21.128	ug/l	100
79) 2-Chlorotoluene	12.90	91	203445	20.734	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	264780	21.203	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	12230	20.173	ug/l	97
82) 4-Chlorotoluene	12.99	91	218318	21.031	ug/l	100
83) tert-Butylbenzene	13.21	119	223868	20.103	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	274371	21.421	ug/l	99
85) sec-Butylbenzene	13.39	105	323794	20.760	ug/l	99
86) p-Isopropyltoluene	13.51	119	299060	21.073	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	158414	20.901	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	159482	21.228	ug/l	99
89) n-Butylbenzene	13.83	91	275259	21.849	ug/l	99
90) Hexachloroethane	14.10	117	45627	19.561	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	141157	20.705	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6970	18.297	ug/l	95

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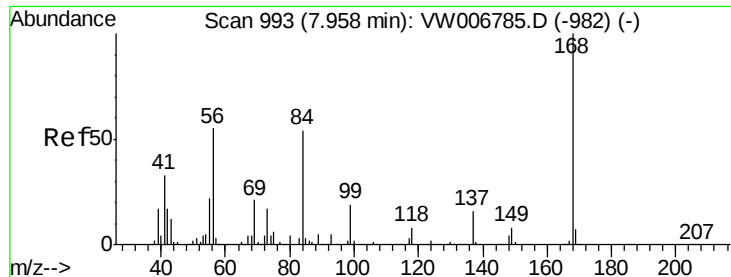
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	103820	20.480	ug/l	100
94) Hexachlorobutadiene	15.24	225	64595	20.445	ug/l	97
95) Naphthalene	15.38	128	150872	18.518	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	88622	19.891	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion:168 Resp: 300890

Ion Ratio Lower Upper

168 100

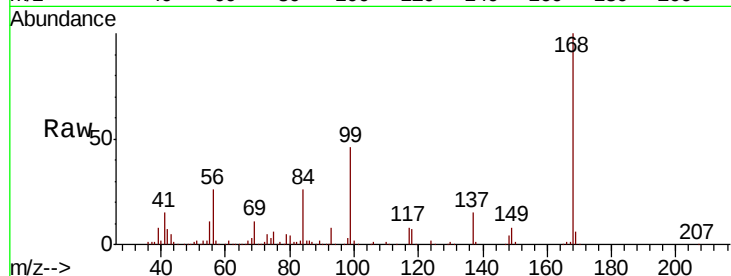
99 45.8 36.8 55.2

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.96

150000

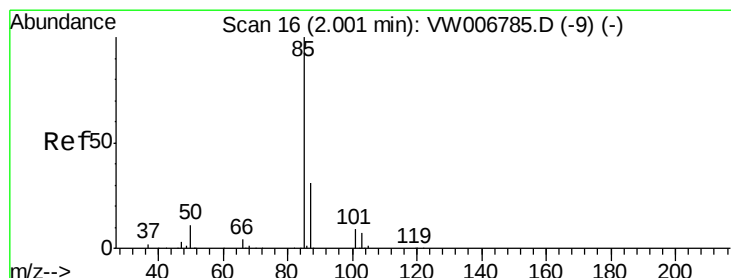
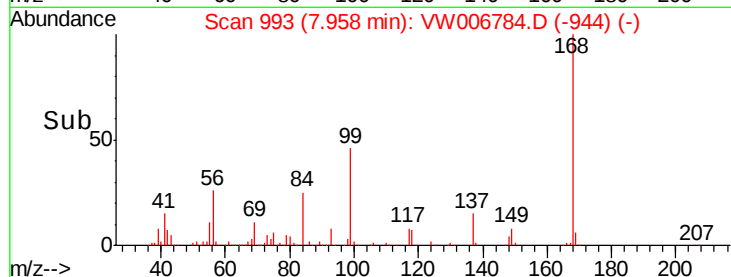
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50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 36.172 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW006784.D

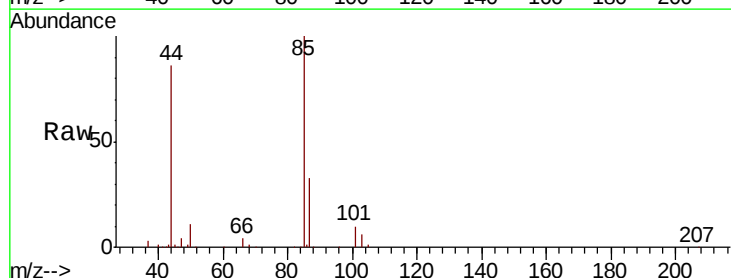
Acq: 09 Nov 2018 13:07

Tgt Ion: 85 Resp: 56421

Ion Ratio Lower Upper

85 100

87 33.0 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

40000

30000

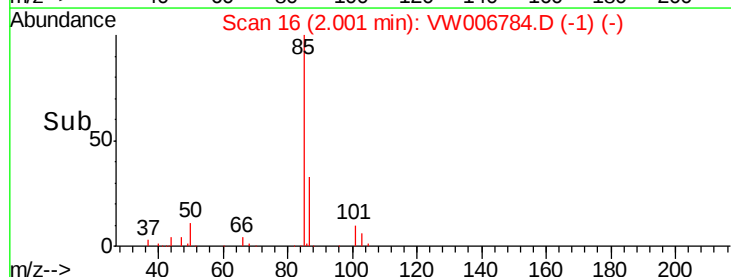
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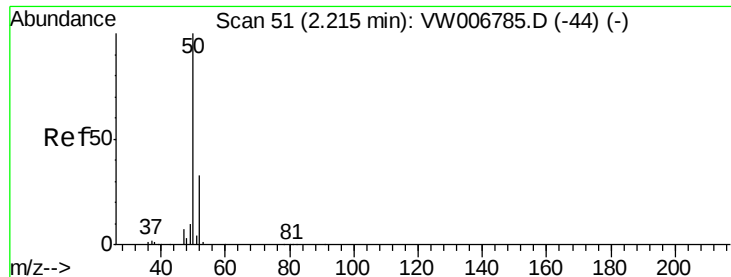
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1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 34.012 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion: 50 Resp: 65641

Ion Ratio Lower Upper

50 100

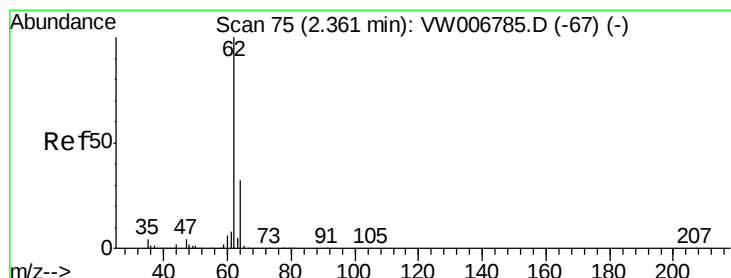
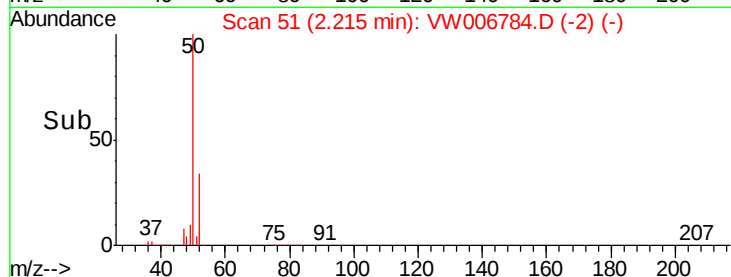
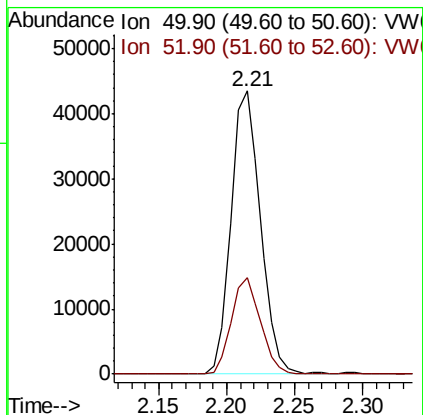
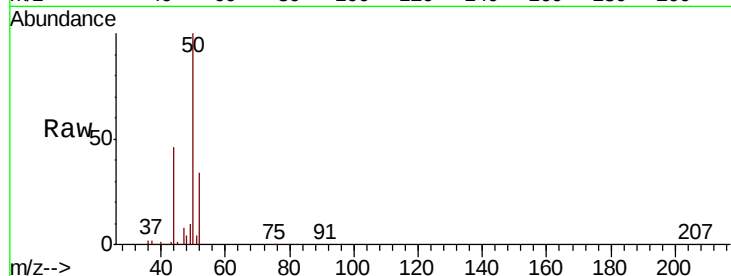
52 34.2 26.2 39.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 25.232 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW006784.D

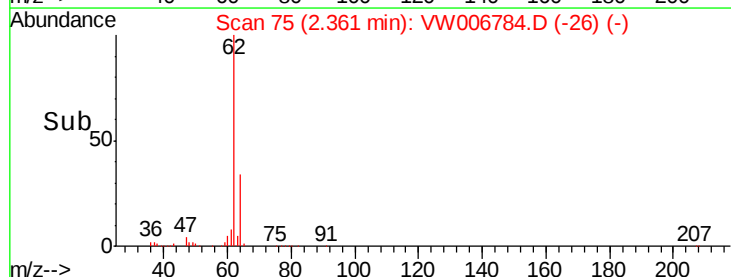
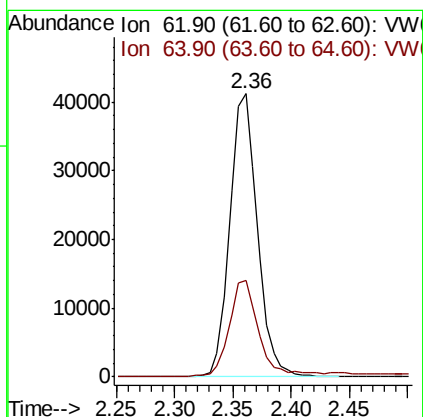
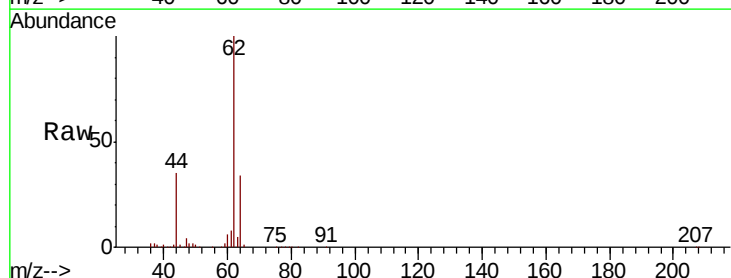
Acq: 09 Nov 2018 13:07

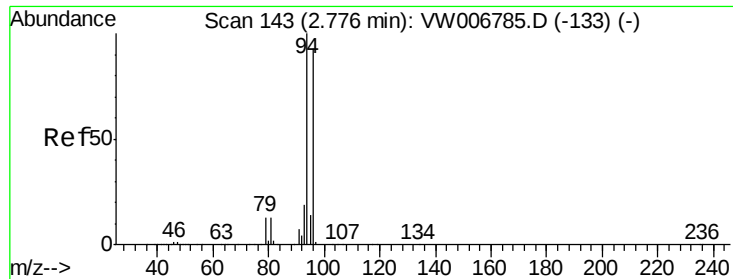
Tgt Ion: 62 Resp: 67995

Ion Ratio Lower Upper

62 100

64 33.5 25.8 38.6





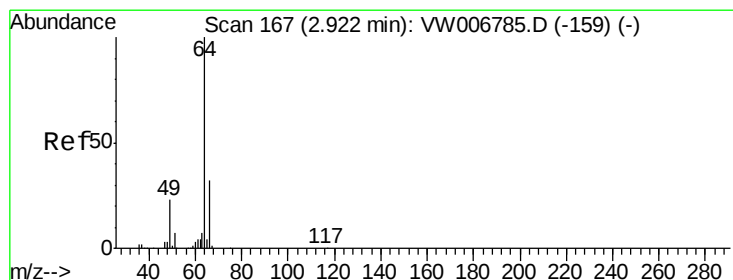
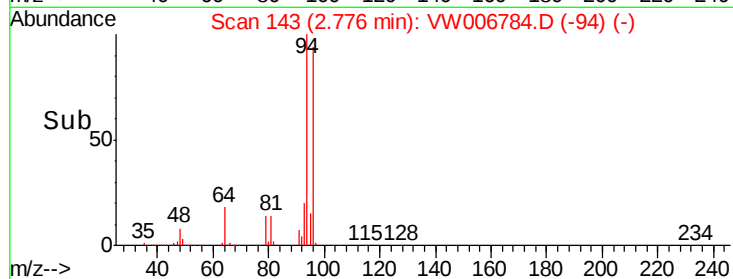
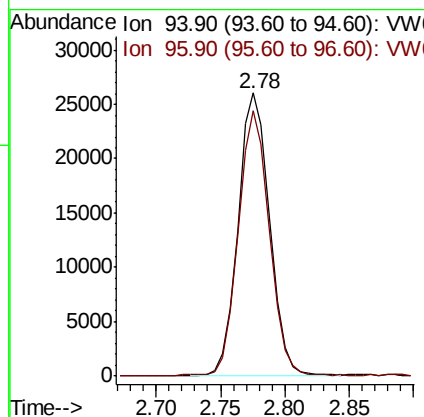
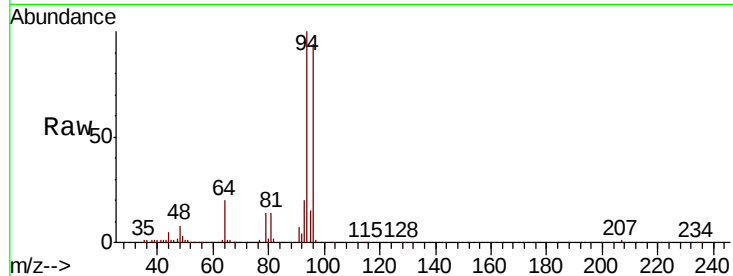
#5
Bromomethane
Concen: 19.482 ug/l
RT: 2.78 min Scan# 143
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

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MSVOA_W
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Tot Ion	Ion	Ratio	Lower	Upper
94	100			
96	93.5	74.5	111.7	

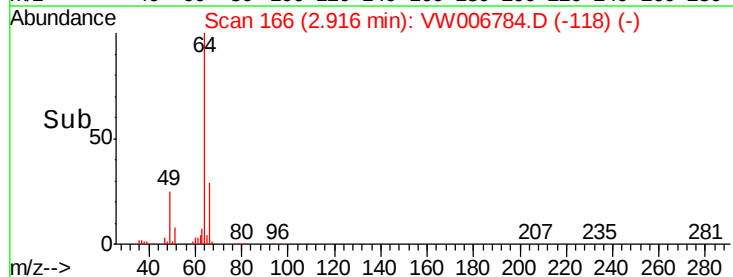
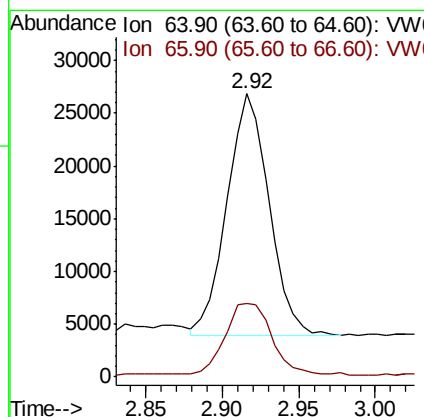
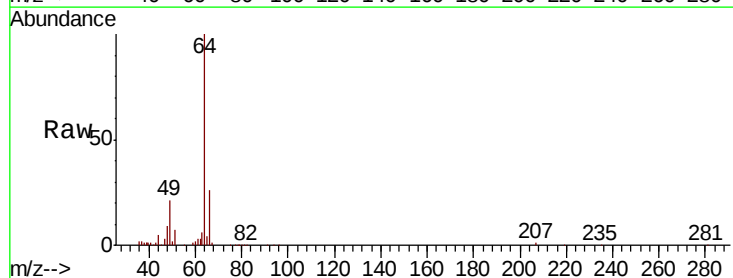
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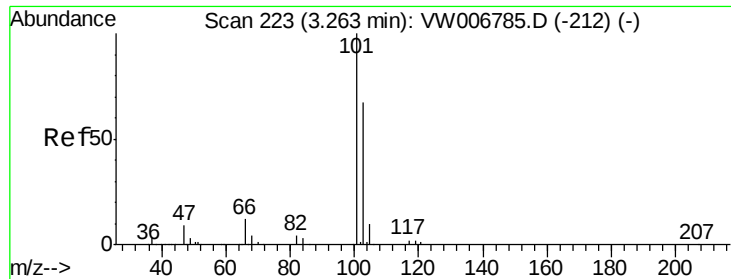
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#6
Chloroethane
Concen: 23.099 ug/l
RT: 2.92 min Scan# 166
Delta R.T. -0.01 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Tgt Ion	Ion	Ratio	Lower	Upper
64	100			
66	28.8	25.4	38.2	





#7

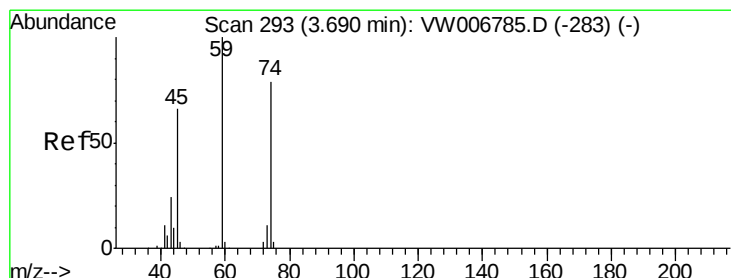
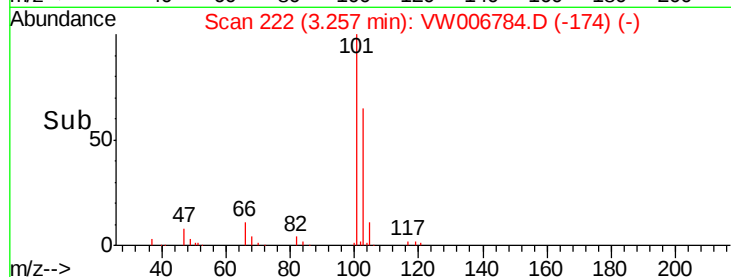
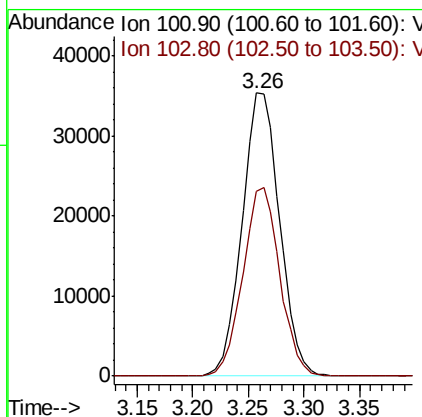
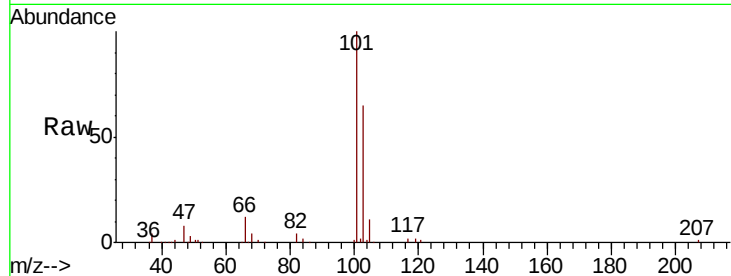
Trichlorofluoromethane
 Concen: 34.773 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006784.D
 Acq: 09 Nov 2018 13:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	53.4	80.0

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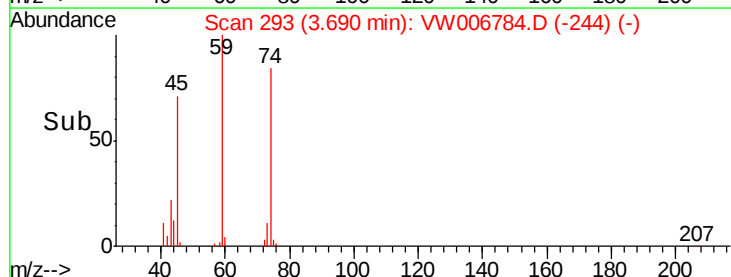
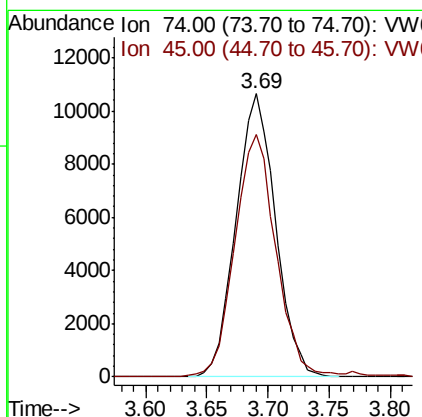
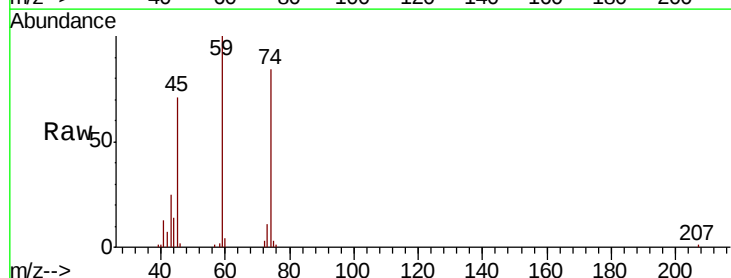
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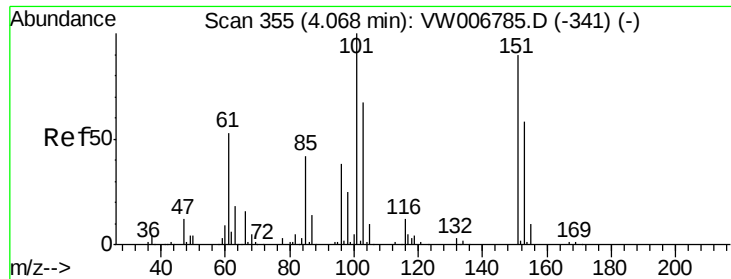


#8

Diethyl Ether
 Concen: 18.361 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VW006784.D
 Acq: 09 Nov 2018 13:07

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.9	44.0	132.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.627 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

Instrument :

MSVOA_W

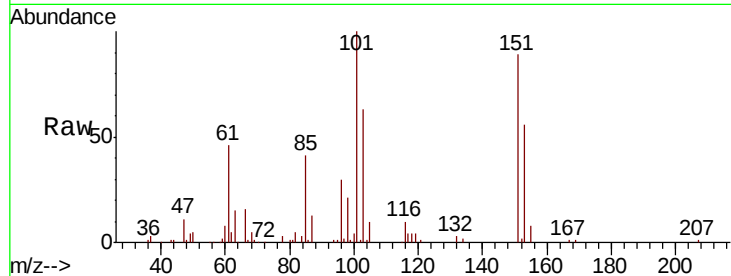
ClientSampleId :

VSTDIC020

Tot Ion:	101	Resp:	54957
Ion Ratio	Lower	Upper	
101	100		
85	43.5	34.0	51.0
151	89.1	70.7	106.1

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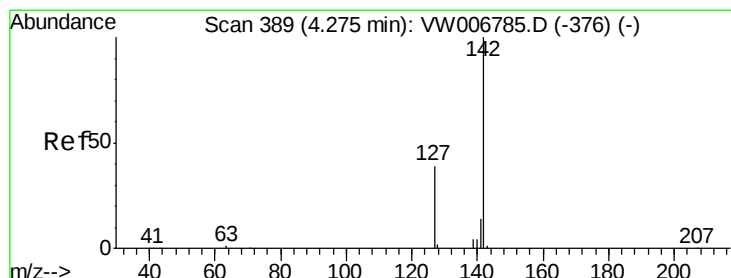
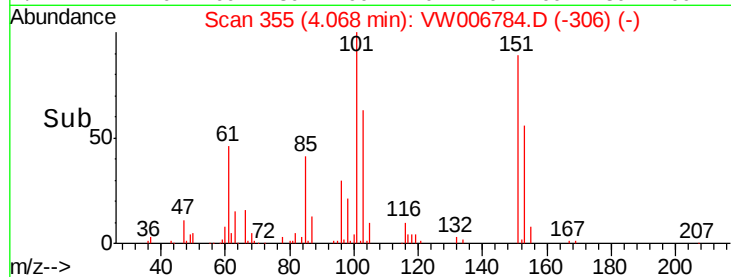
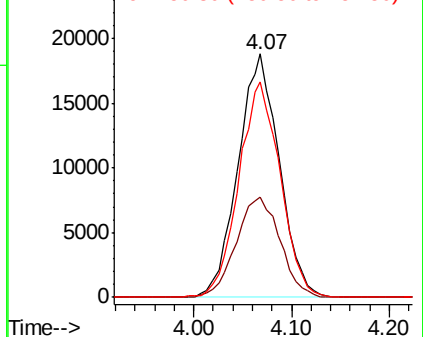


Abundance

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: 16.174 ug/l

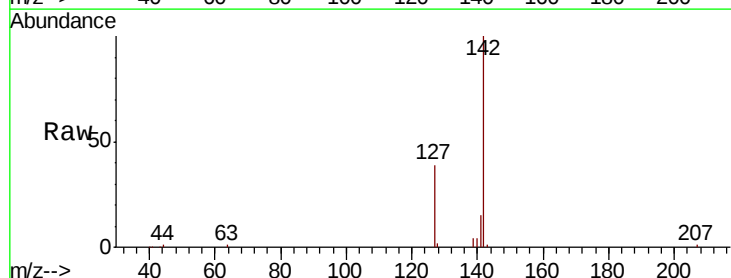
RT: 4.28 min Scan# 389

Delta R.T. 0.00 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

Tgt Ion:	142	Resp:	74523
Ion Ratio	Lower	Upper	
142	100		
127	40.7	32.3	48.5
141	14.6	11.4	17.0

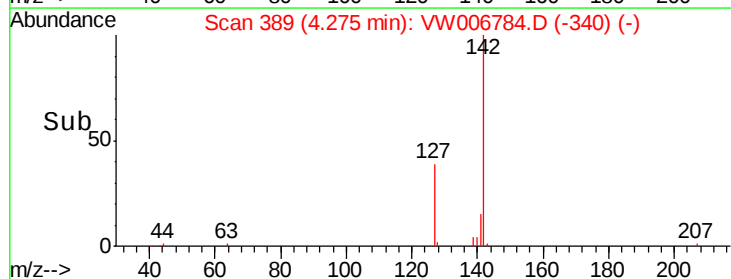
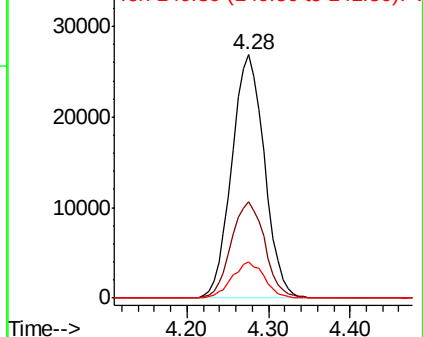


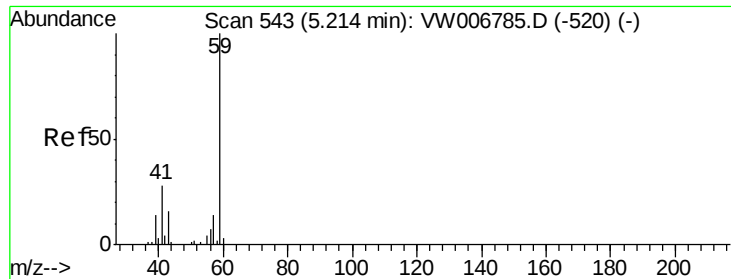
Abundance

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





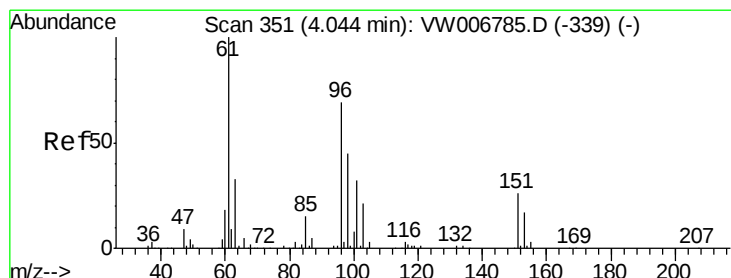
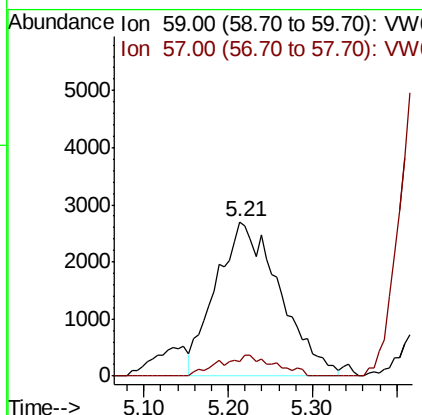
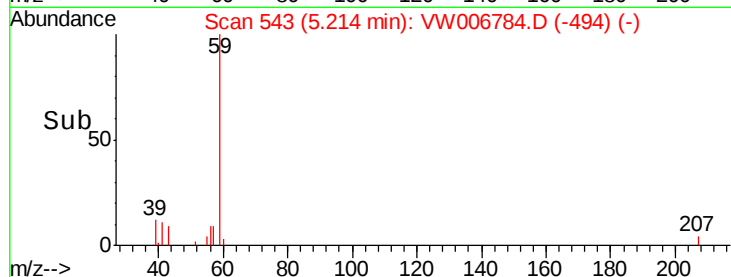
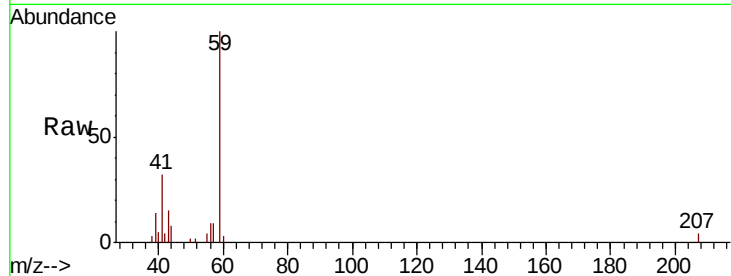
#11
Tert butyl alcohol
Concen: 100.944 ug/l
RT: 5.21 min Scan# 543
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion: 59 Resp: 14067
Ion Ratio Lower Upper
59 100
57 8.2 8.7 13.1#

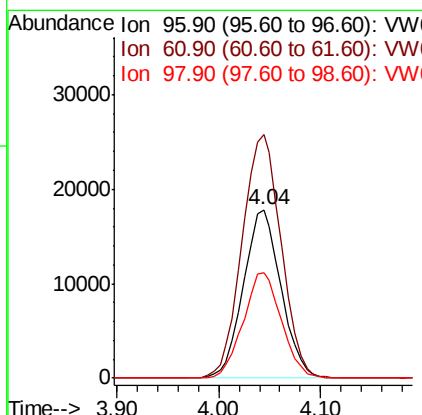
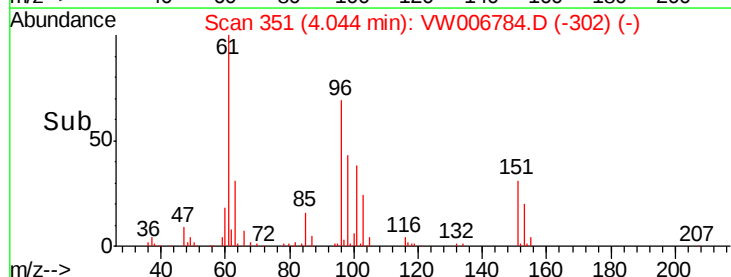
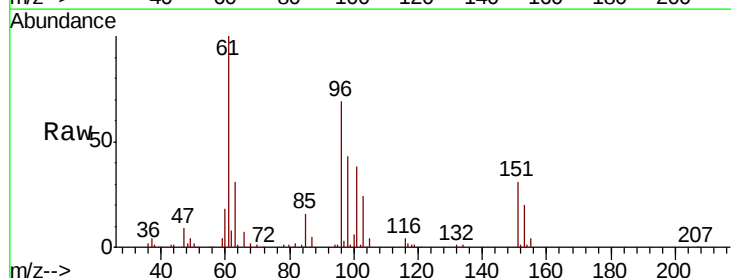
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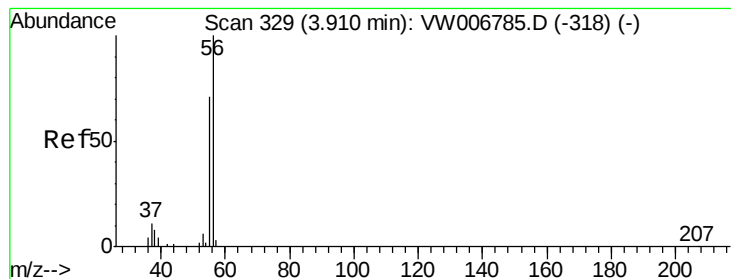
apatel
11/12/2018 3:40:33 PM



#12
1,1-Dichloroethene
Concen: 18.629 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Tgt Ion: 96 Resp: 45721
Ion Ratio Lower Upper
96 100
61 144.4 116.0 174.0
98 62.6 52.0 78.0





#13

Acrolein

Concen: 89.536 ug/l

RT: 3.90 min Scan# 328

Delta R.T. -0.01 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion: 56 Resp: 15693

Ion Ratio Lower Upper

56 100

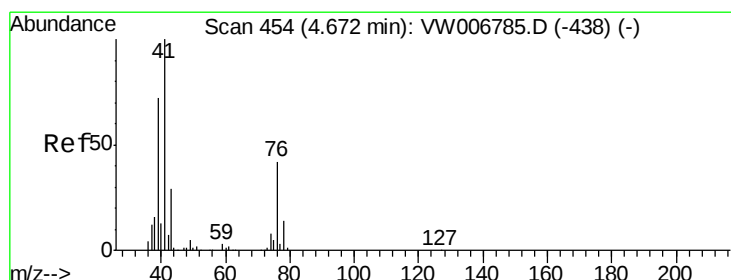
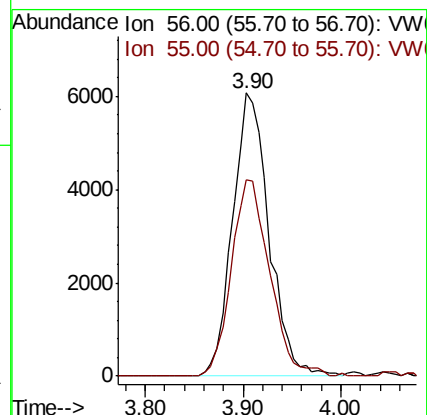
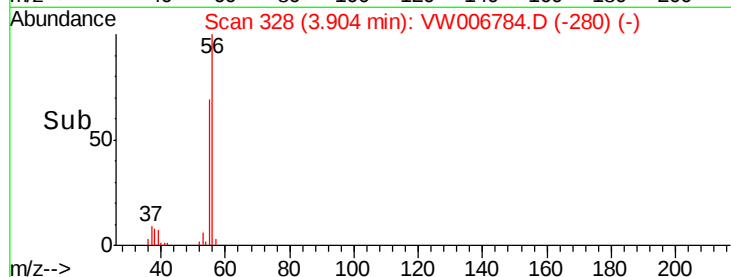
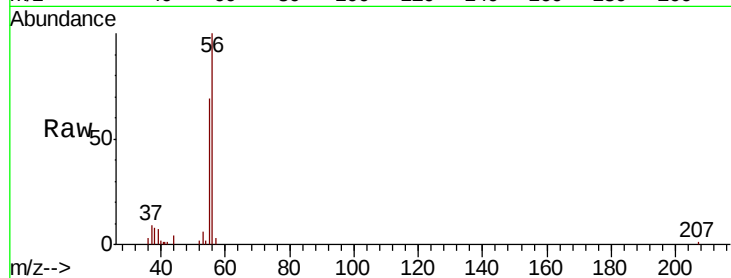
55 73.0 56.9 85.3

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#14

Allyl chloride

Concen: 18.850 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

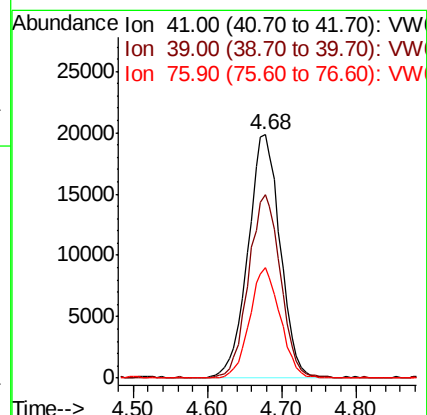
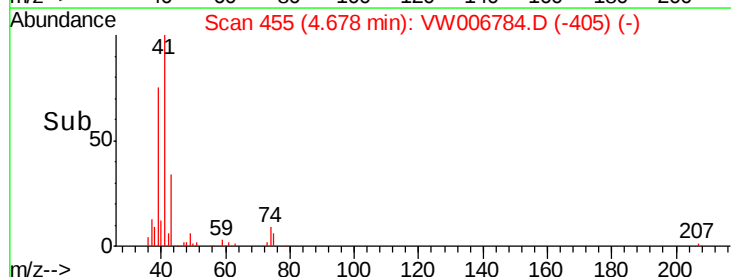
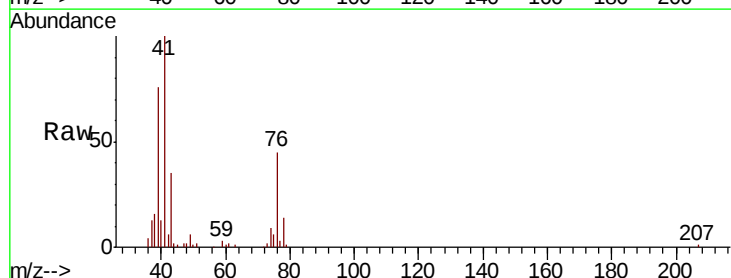
Tgt Ion: 41 Resp: 60388

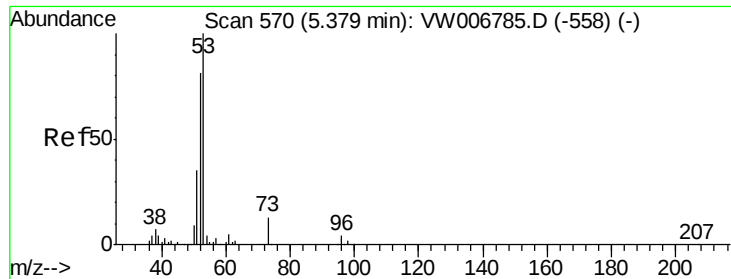
Ion Ratio Lower Upper

41 100

39 75.0 60.0 90.0

76 42.8 34.2 51.4





#15

Acrylonitrile

Concen: 98.348 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.01 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

Instrument :

MSVOA_W

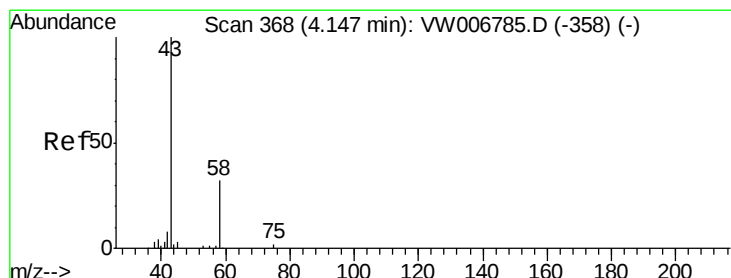
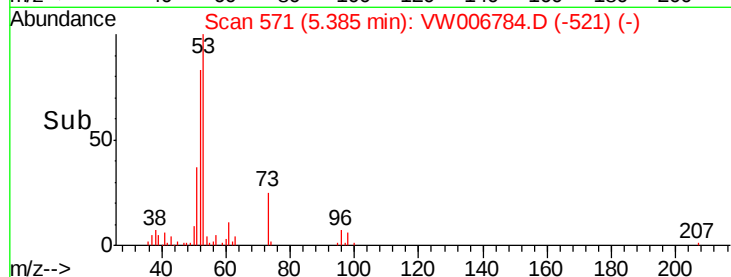
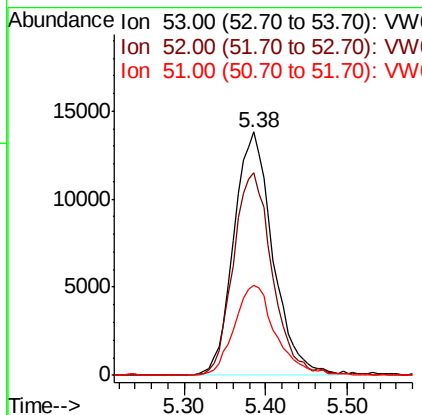
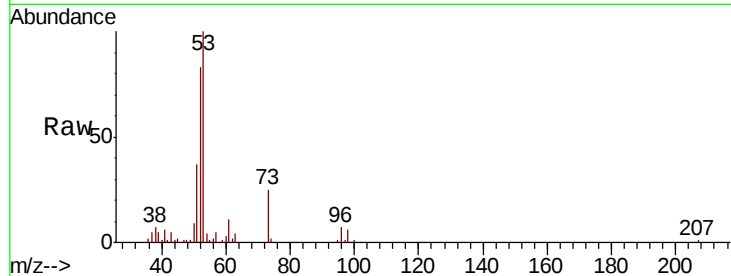
ClientSampleId :

VSTDIC020

Tot Ion:	53	Resp:	45871
Ion	Ratio	Lower	Upper
53	100		
52	83.3	65.2	97.8
51	39.0	30.2	45.4

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#16

Acetone

Concen: 75.018 ug/l

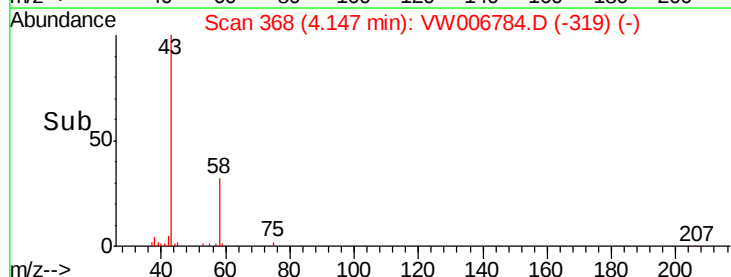
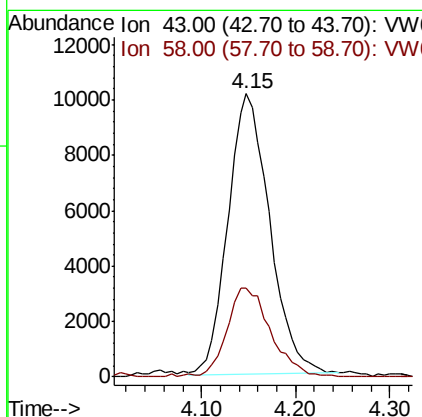
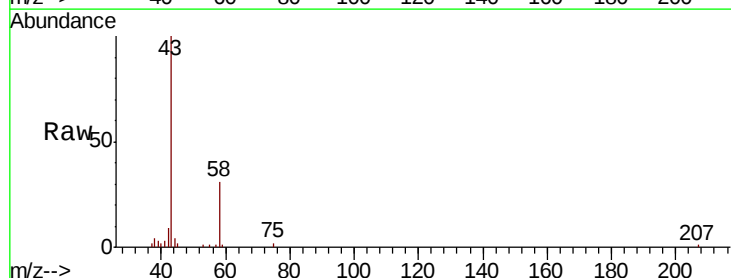
RT: 4.15 min Scan# 368

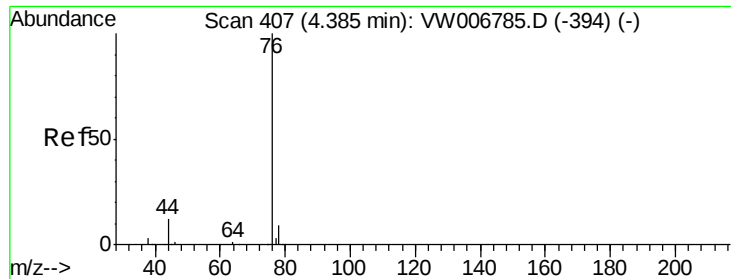
Delta R.T. 0.00 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

Tgt Ion:	43	Resp:	31326
Ion	Ratio	Lower	Upper
43	100		
58	31.6	25.4	38.0





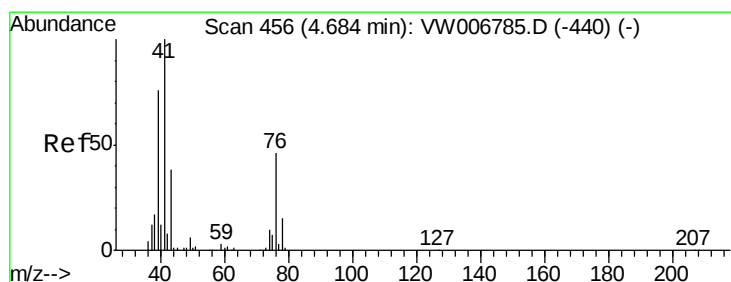
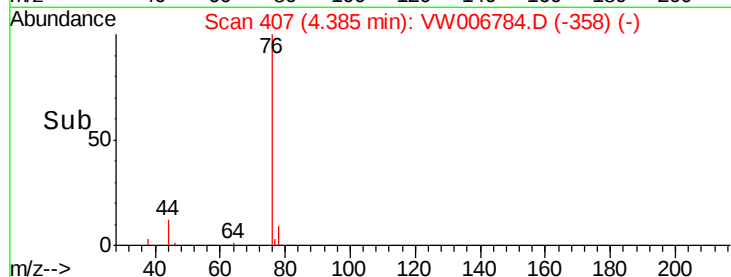
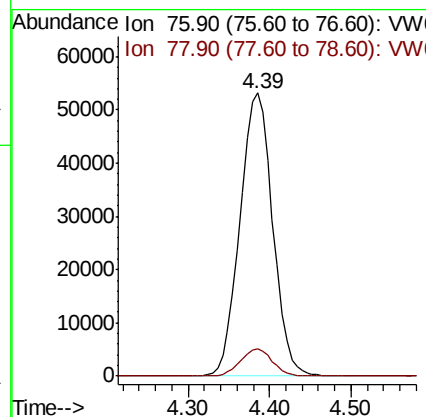
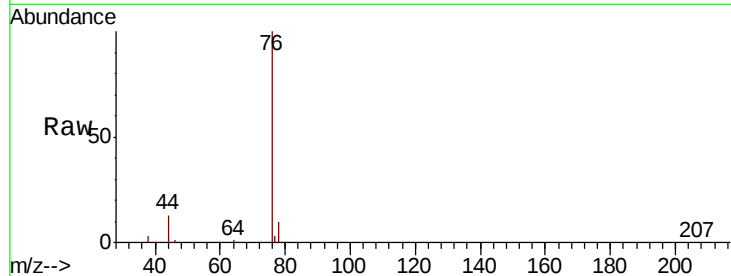
#17
Carbon Disulfide
Concen: 21.144 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.4	11.0

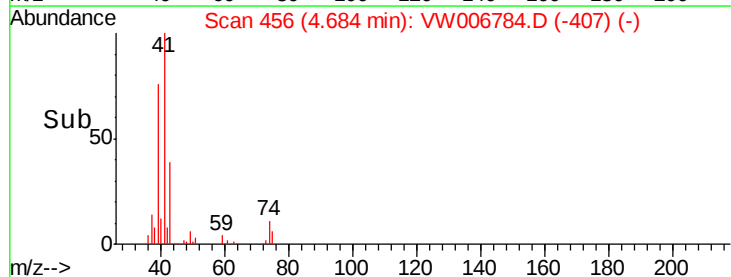
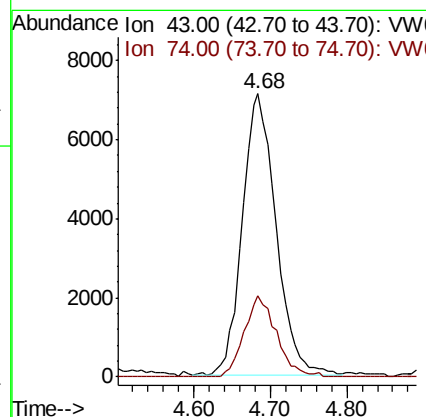
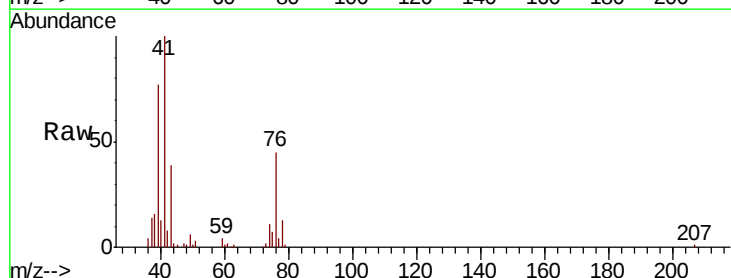
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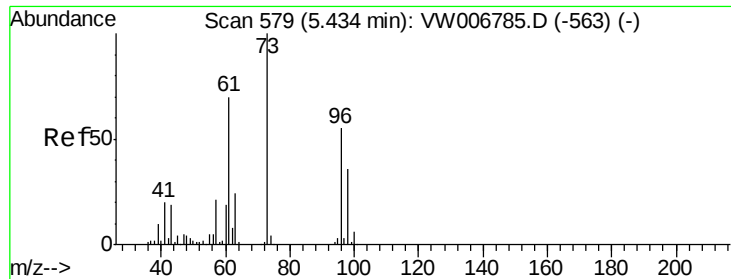
apatel
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#18
Methyl Acetate
Concen: 18.119 ug/l
RT: 4.68 min Scan# 456
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.5	21.8	32.8





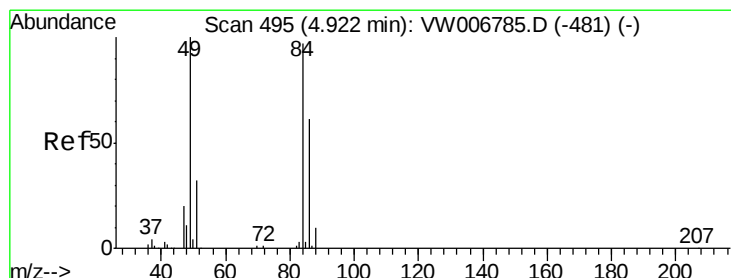
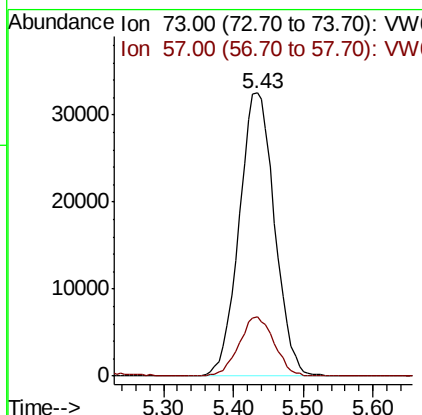
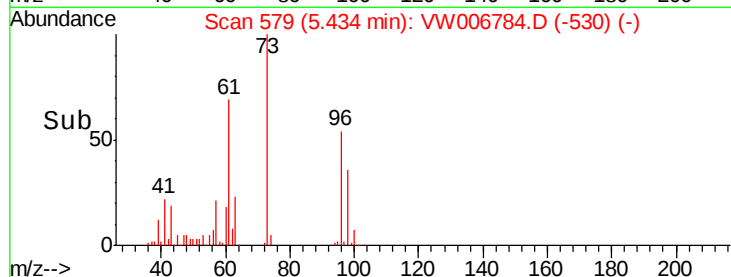
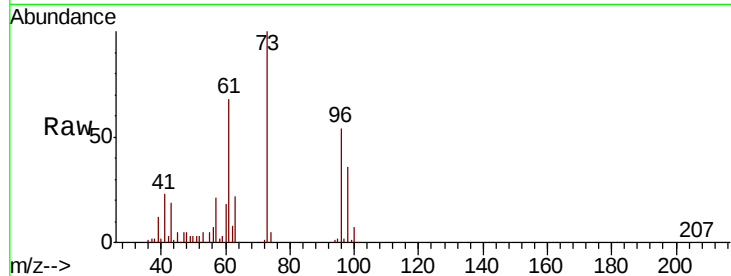
#19
Methvl tert-butvl Ether
Concen: 31.275 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion: 73 Resp: 114256
Ion Ratio Lower Upper
73 100
57 20.8 17.0 25.6

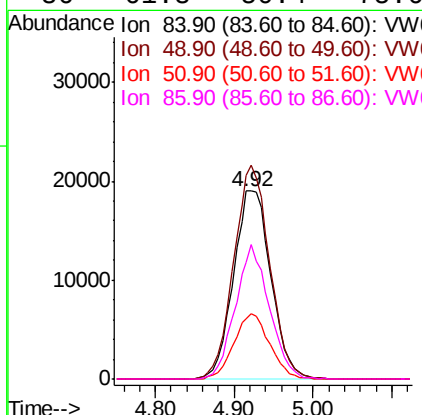
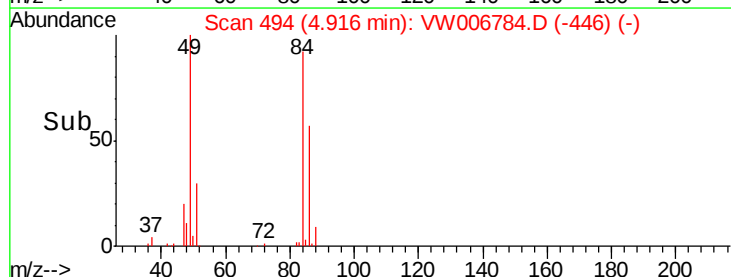
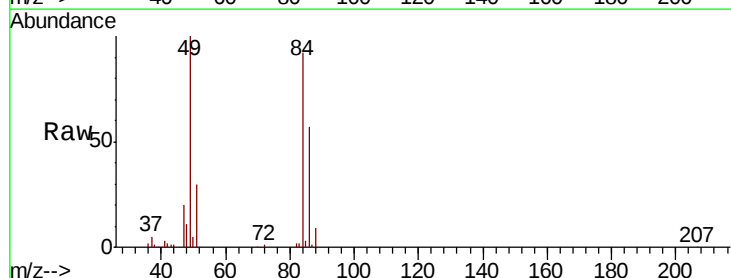
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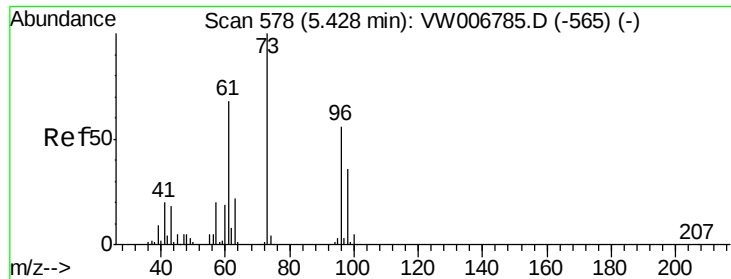
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#20
Methylene Chloride
Concen: 19.293 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Tgt Ion: 84 Resp: 62729
Ion Ratio Lower Upper
84 100
49 108.1 82.4 123.6
51 32.0 26.7 40.1
86 61.8 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 19.524 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

Instrument :

MSVOA_W

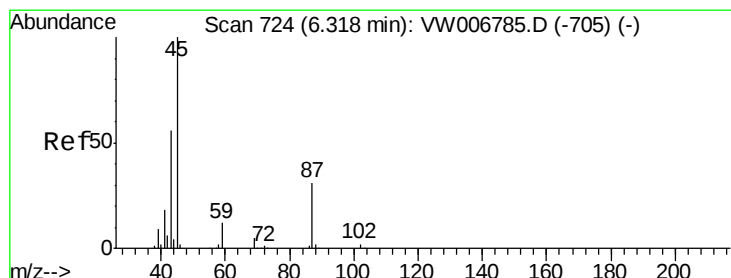
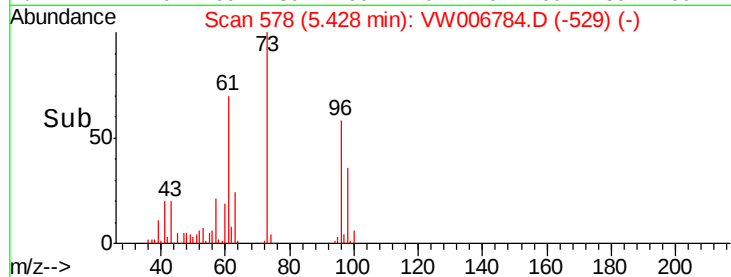
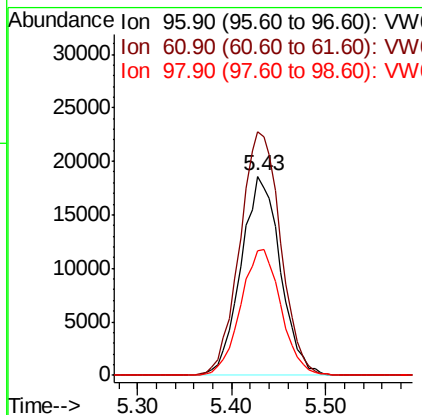
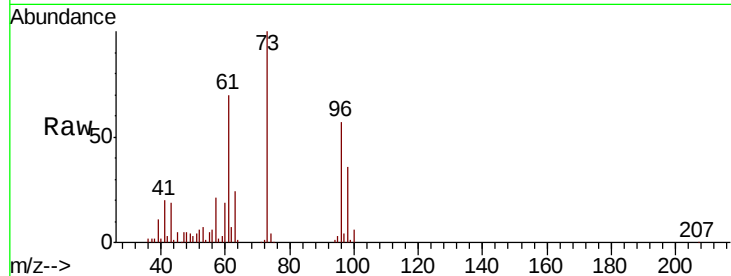
ClientSampleId :

VSTDIC020

Tot Ion:	96	Resp:	54222
Ion	Ratio	Lower	Upper
96	100		
61	122.2	97.6	146.4
98	62.3	51.6	77.4

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#22

Diisopropyl ether

Concen: 19.987 ug/l

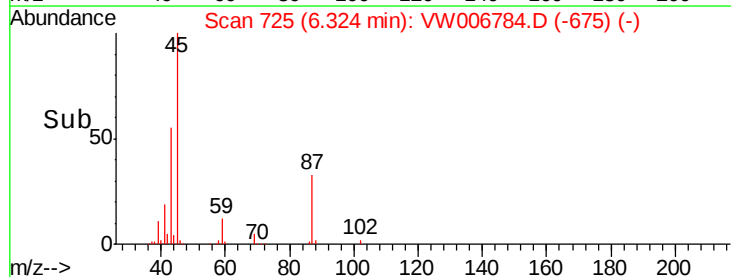
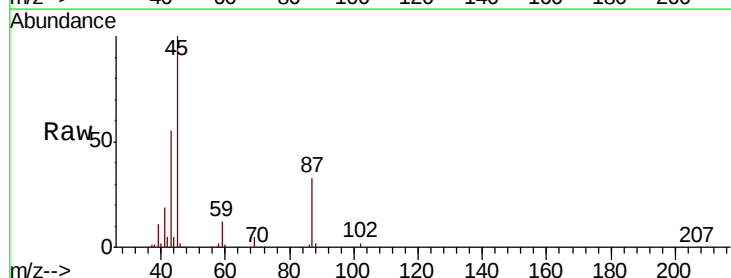
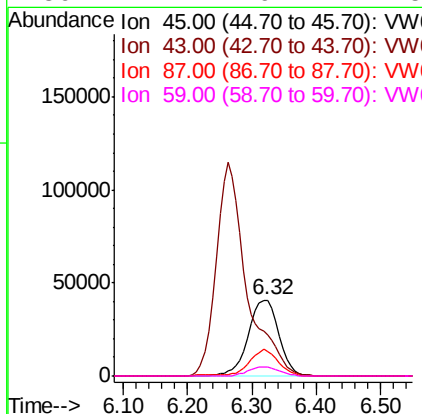
RT: 6.32 min Scan# 725

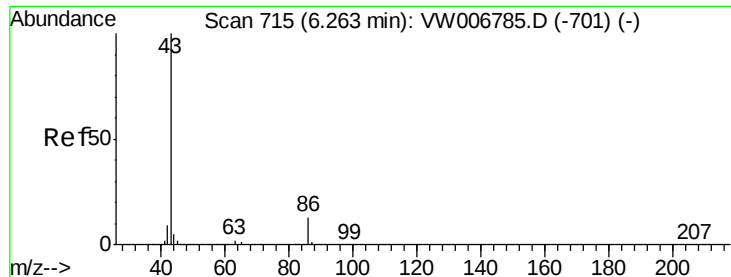
Delta R.T. 0.01 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

Tgt Ion:	45	Resp:	133492
Ion	Ratio	Lower	Upper
45	100		
43	54.1	44.6	66.8
87	32.6	25.5	38.3
59	12.4	9.7	14.5





#23

Vinyl Acetate

Concen: 102.603 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 380012

Ion Ratio Lower Upper

43 100

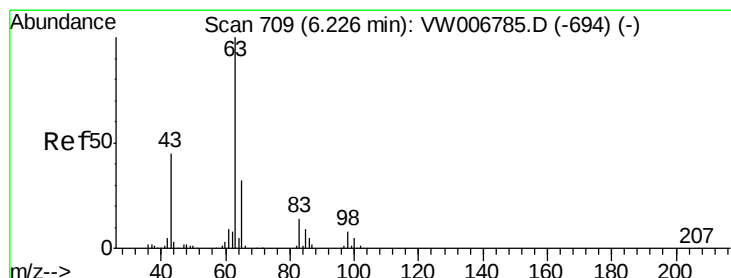
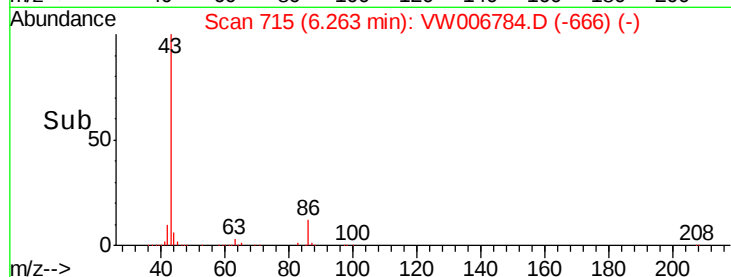
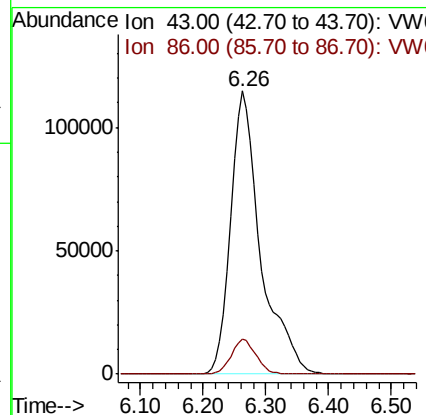
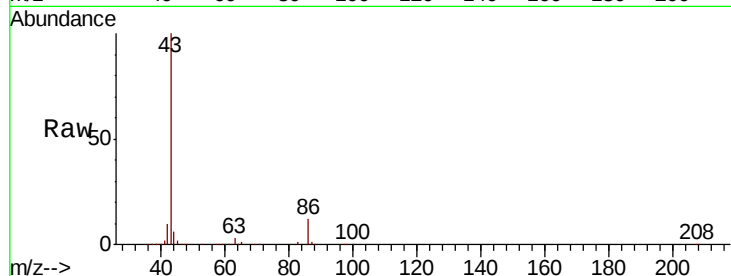
86 12.3 10.0 15.0

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#24

1,1-Dichloroethane

Concen: 18.597 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.01 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

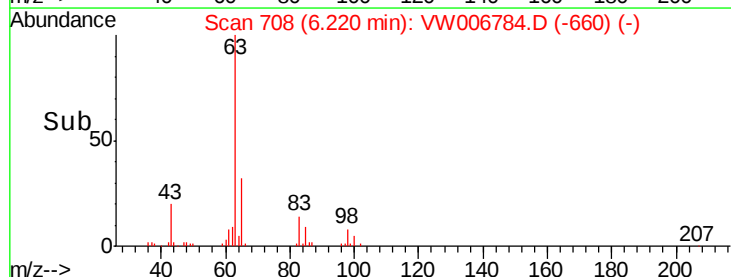
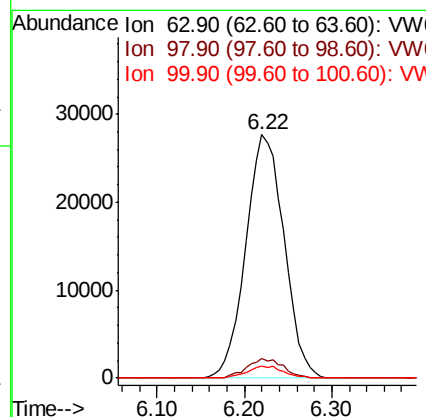
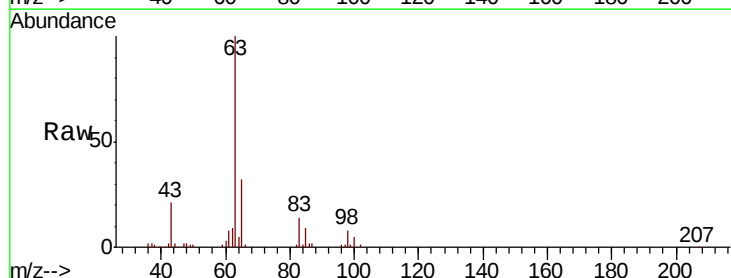
Tgt Ion: 63 Resp: 84180

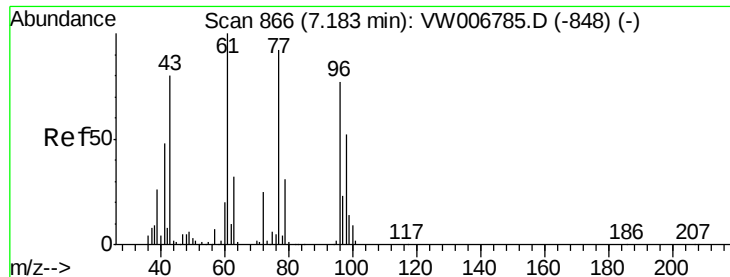
Ion Ratio Lower Upper

63 100

98 7.9 4.0 12.2

100 4.8 2.3 6.9





#25

2-Butanone

Concen: 92.552 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 55149

Ion Ratio Lower Upper

43 100

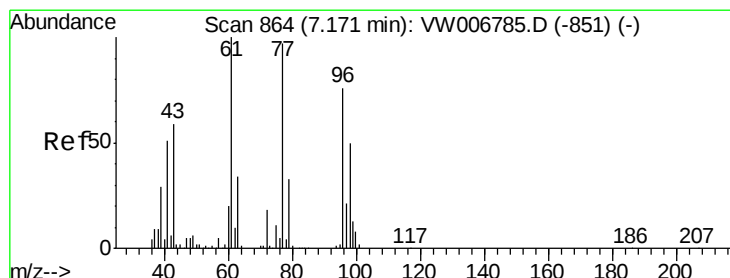
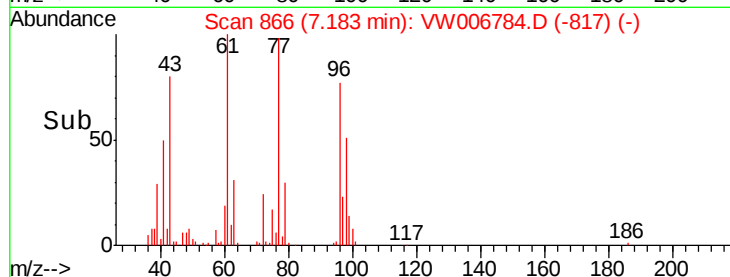
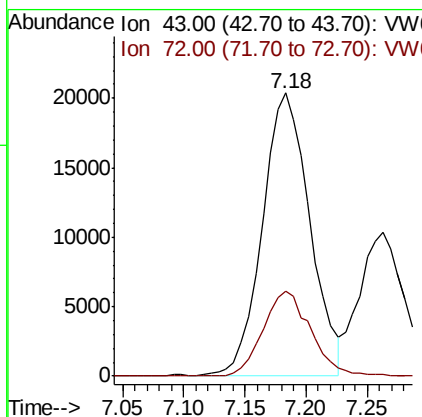
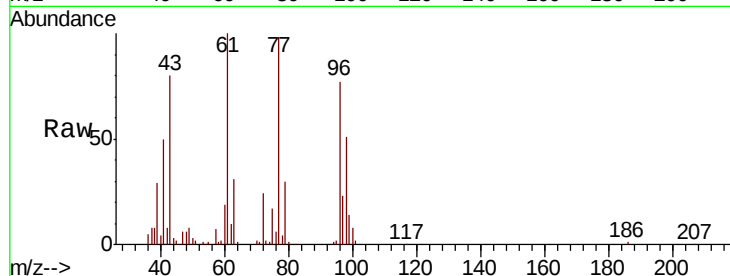
72 29.8 24.5 36.7

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#26

2,2-Dichloropropane

Concen: 29.699 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW006784.D

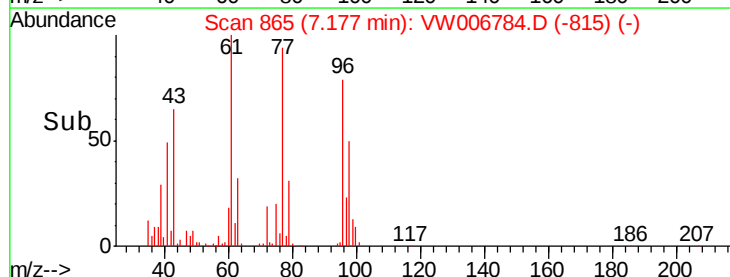
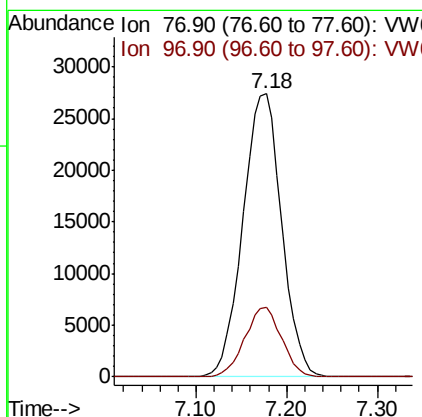
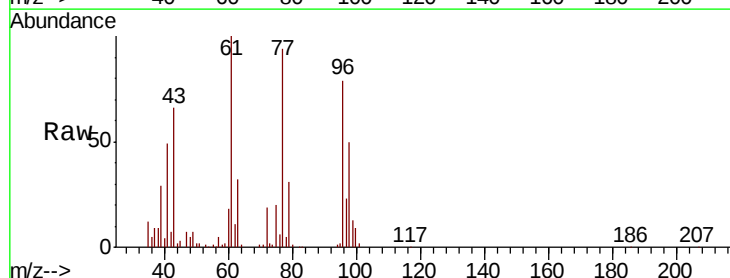
Acq: 09 Nov 2018 13:07

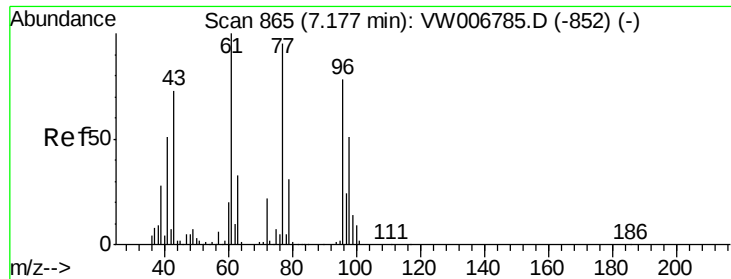
Tgt Ion: 77 Resp: 80980

Ion Ratio Lower Upper

77 100

97 23.5 11.9 35.5





#27

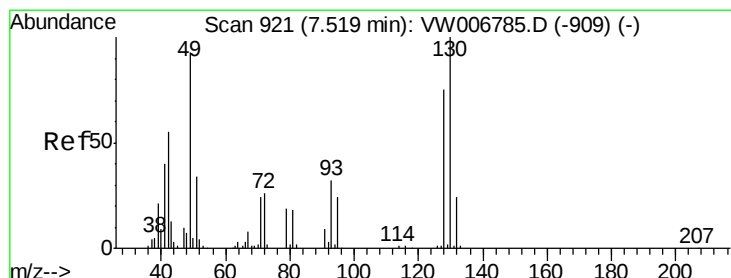
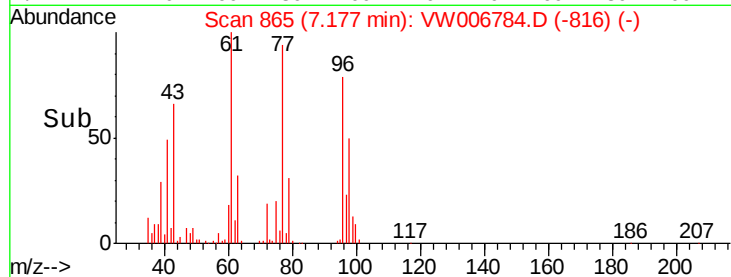
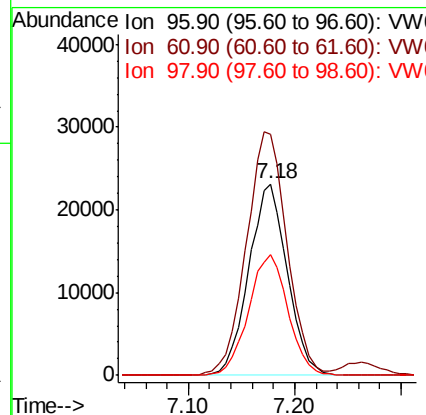
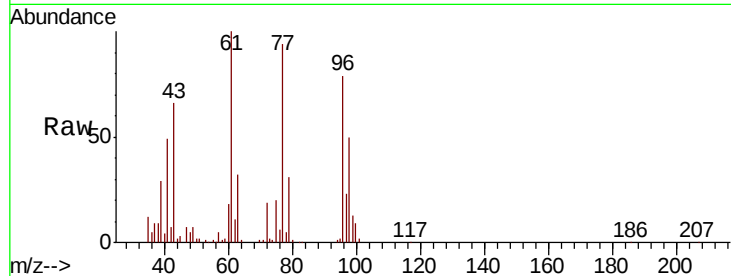
cis-1,2-Dichloroethene
Concen: 18.854 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.2	0.0	264.4
98	64.4	0.0	130.0

Manual Integrations
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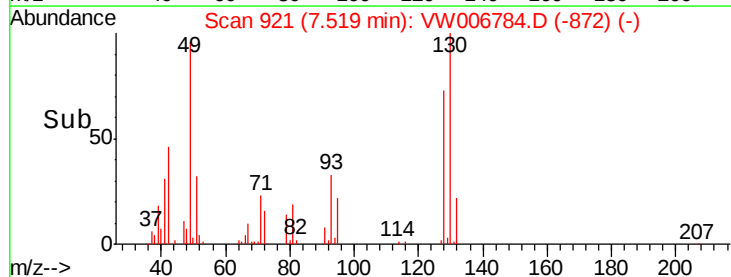
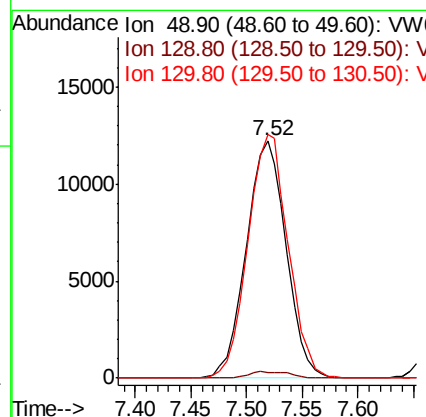
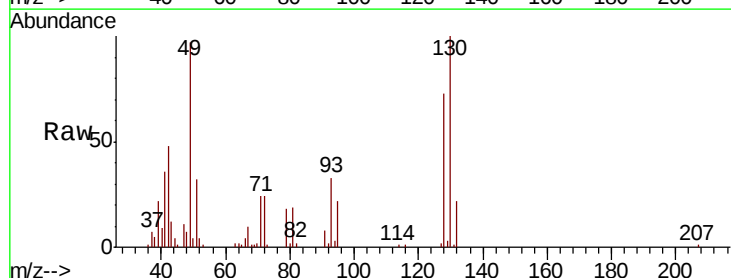
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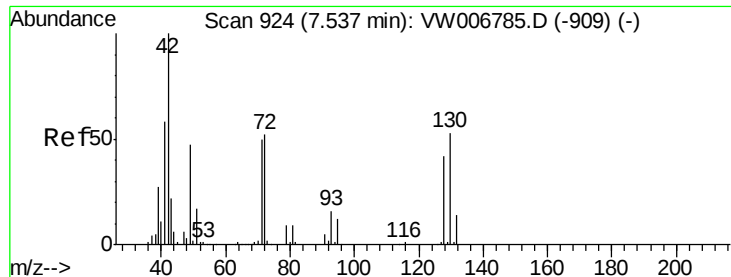


#28

Bromochloromethane
Concen: 16.914 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.6
130	103.7	81.5	122.3





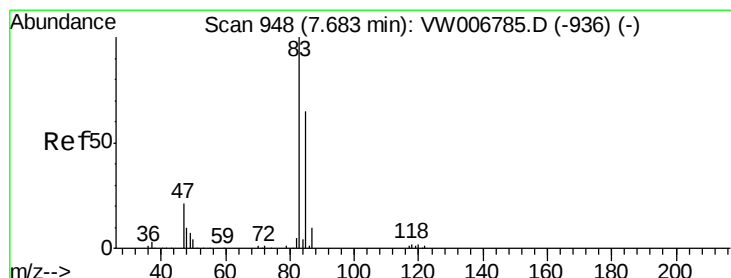
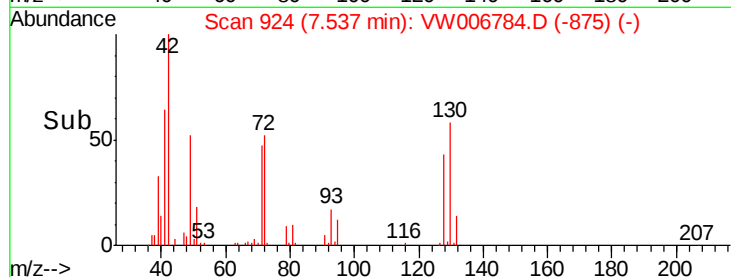
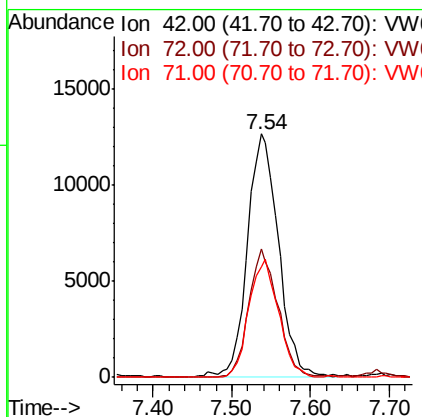
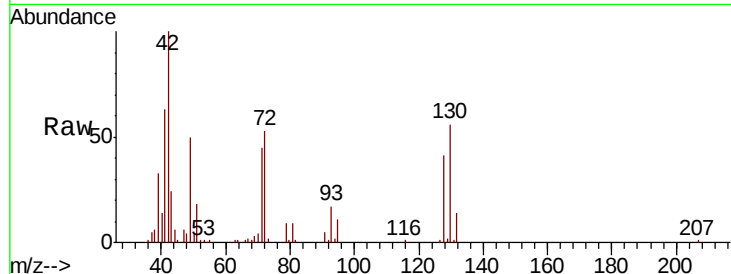
#29
Tetrahydrofuran
Concen: 92.586 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.4	39.8	59.8
71	46.3	37.8	56.6

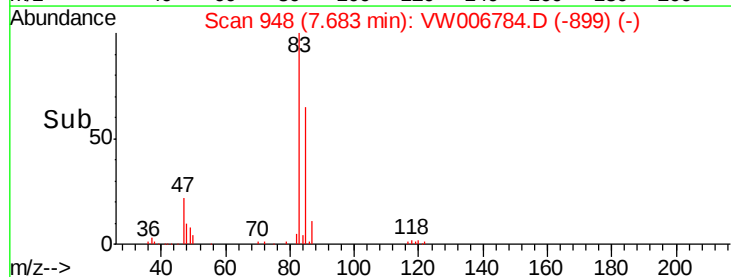
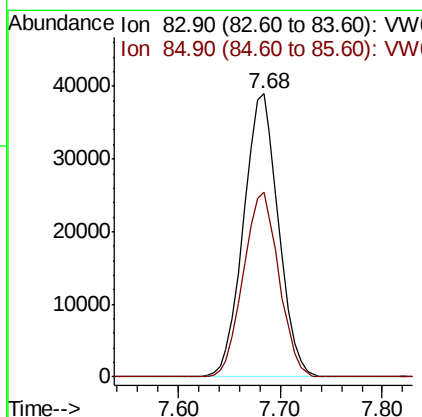
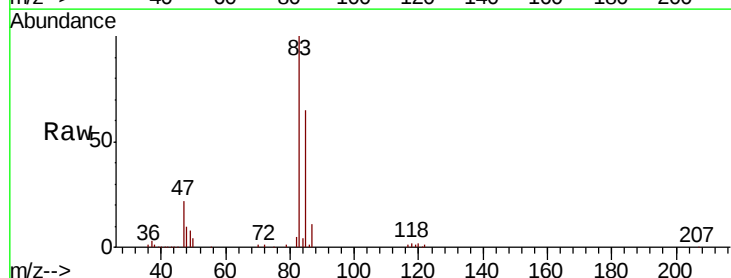
Manual Integrations
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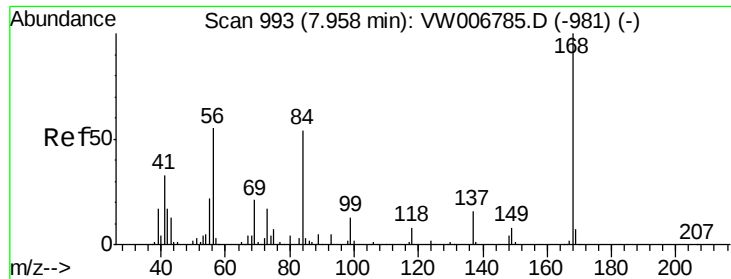
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#30
Chloroform
Concen: 18.693 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.1	78.1





#31

Cyclohexane

Concen: 21.627 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

Instrument :

MSVOA_W

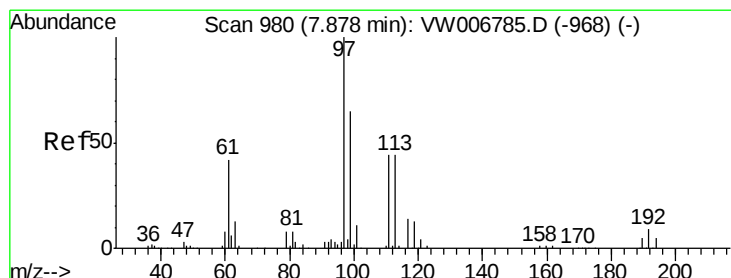
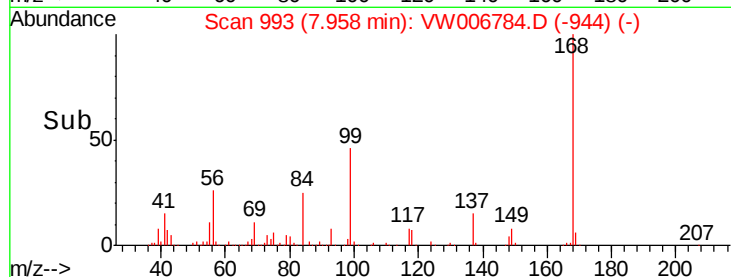
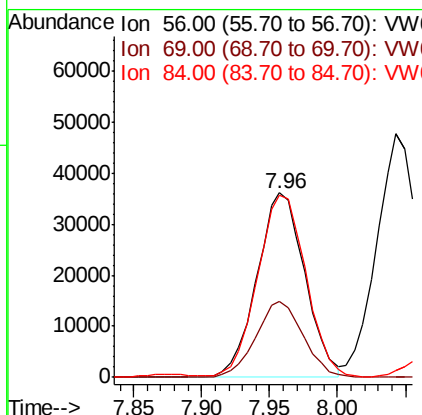
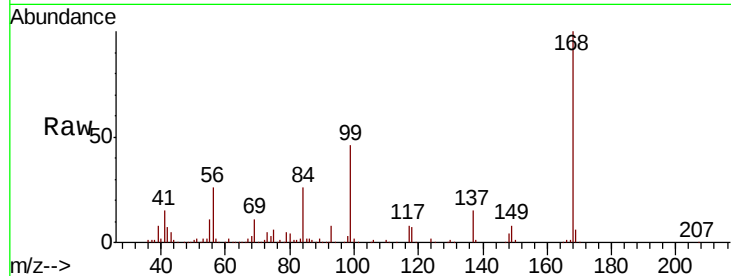
ClientSampleId :

VSTDIC020

Tot Ion:	56	Resp:	89098
Ion Ratio	Lower	Upper	
56	100		
69	41.5	30.3	45.5
84	97.7	78.2	117.2

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#32

1,1,1-Trichloroethane

Concen: 21.615 ug/l

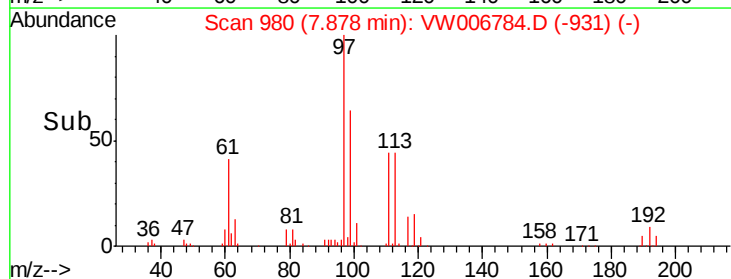
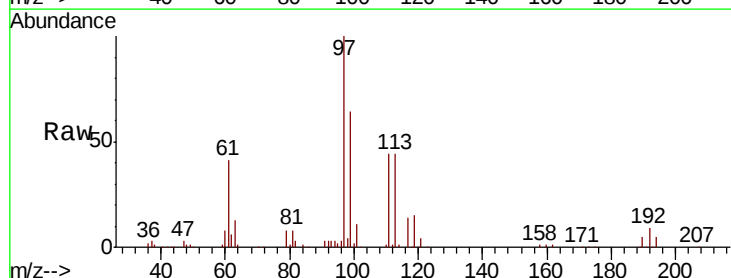
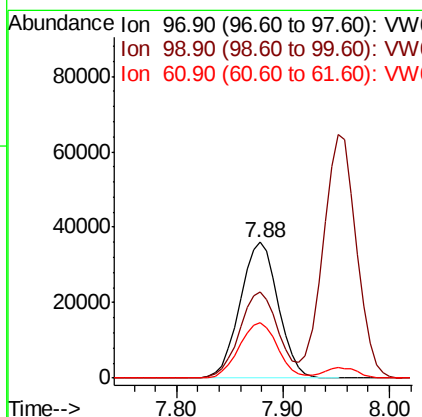
RT: 7.88 min Scan# 980

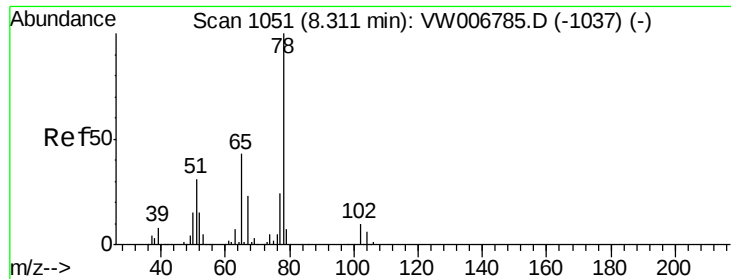
Delta R.T. 0.00 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

Tgt Ion:	97	Resp:	90769
Ion Ratio	Lower	Upper	
97	100		
99	64.6	51.4	77.2
61	40.9	32.7	49.1





#33

1,2-Dichloroethane-d4

Concen: 17.894 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion: 65 Resp: 46282

Ion Ratio Lower Upper

65 100

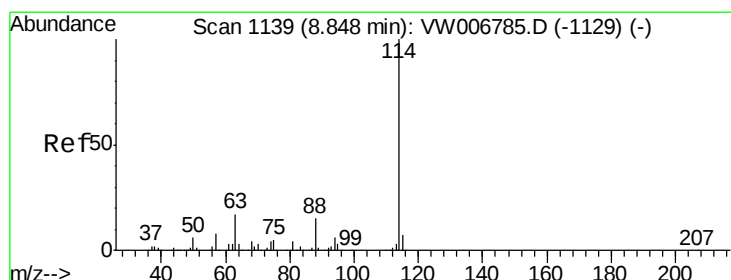
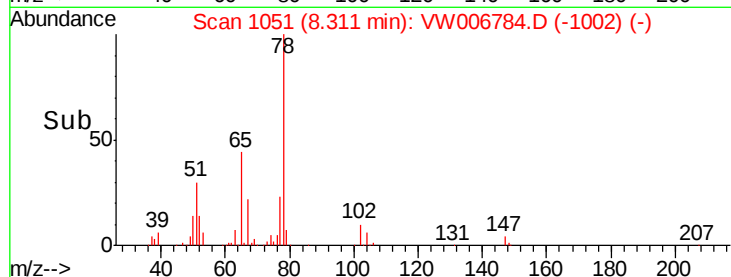
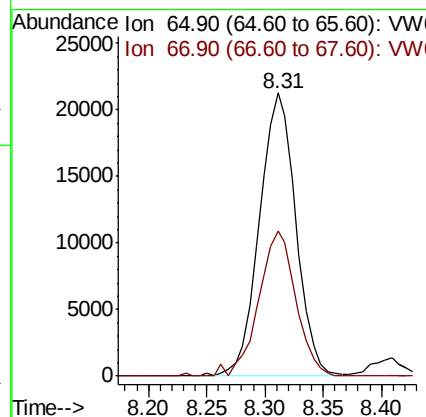
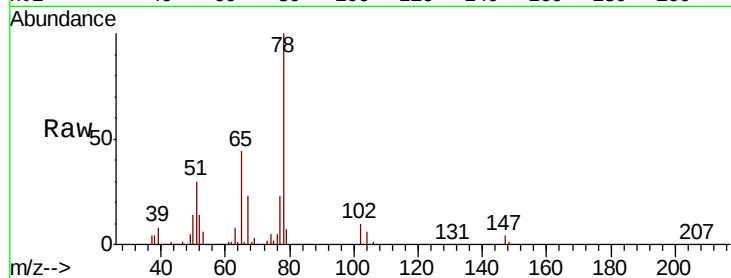
67 52.2 0.0 107.2

Manual Integrations

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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: VW006784.D

Acq: 09 Nov 2018 13:07

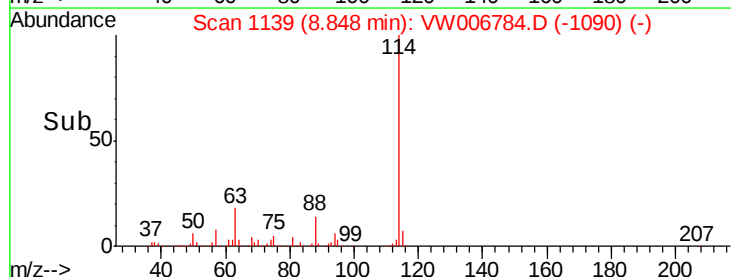
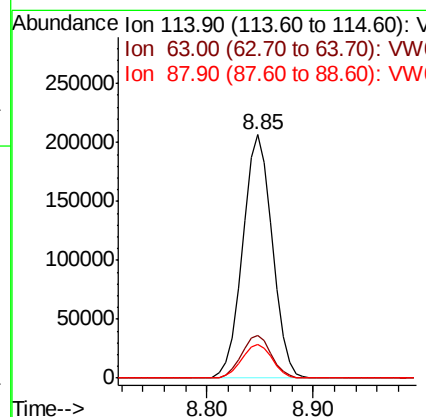
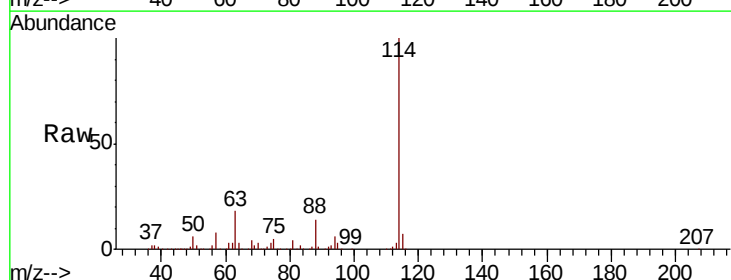
Tgt Ion: 114 Resp: 403276

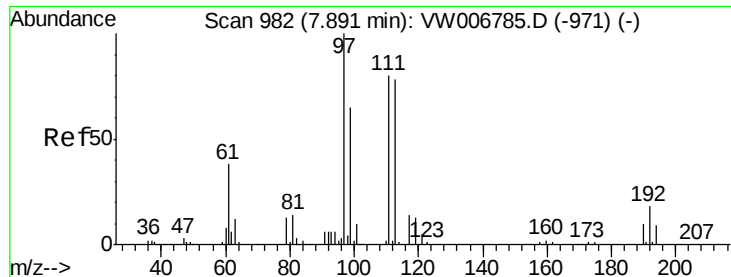
Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.0

88 13.9 0.0 29.2





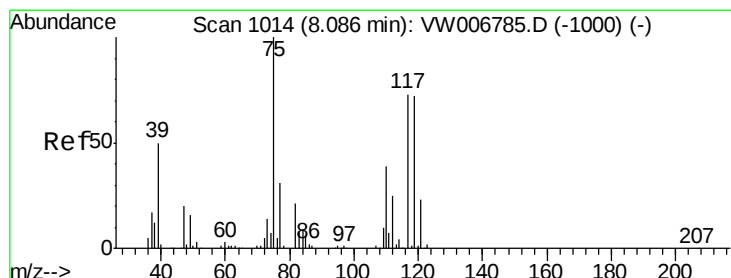
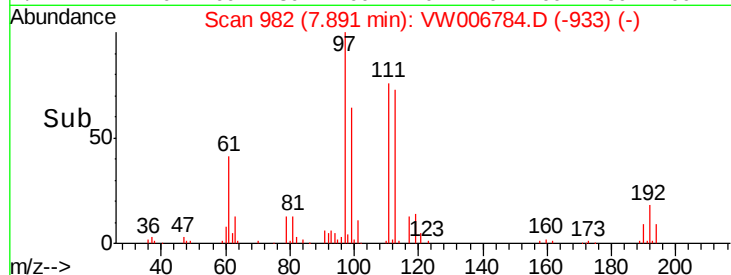
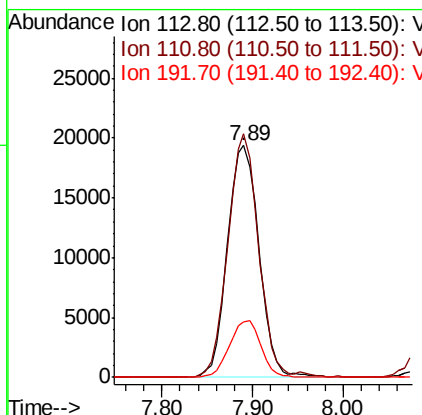
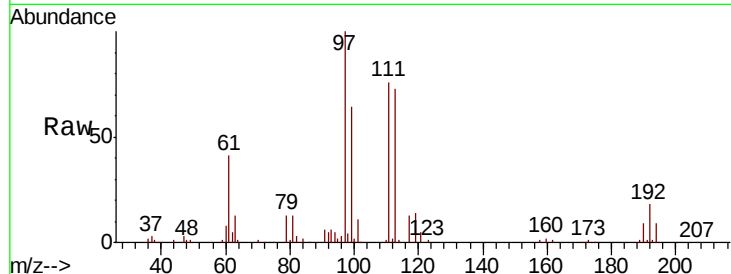
#35
 Dibromofluoromethane
 Concen: 18.607 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006784.D
 Acq: 09 Nov 2018 13:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.7	81.4	122.2
192	24.0	19.1	28.7

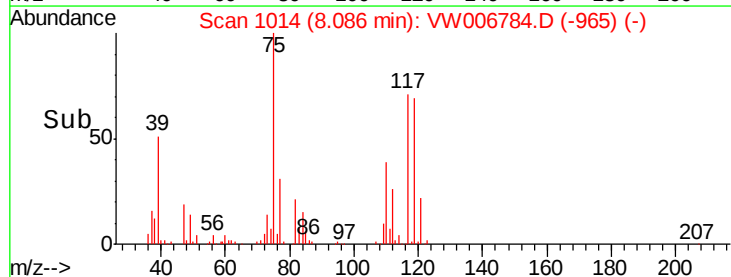
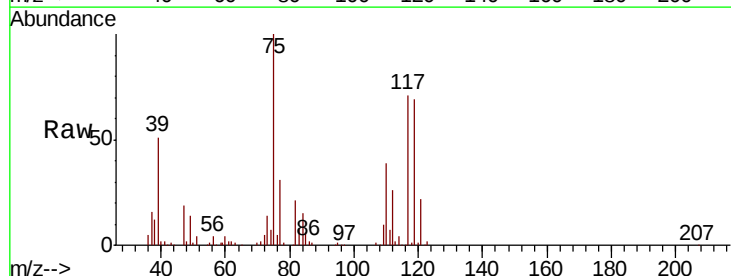
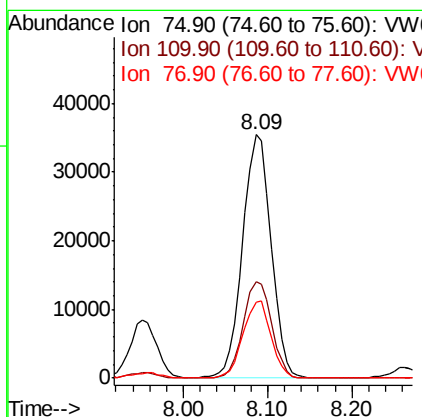
Manual Integrations
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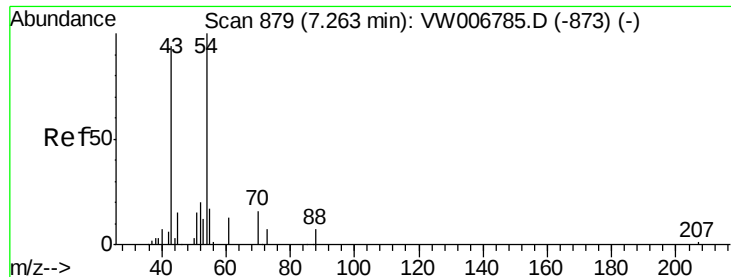
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#36
 1,1-Dichloropropene
 Concen: 22.875 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW006784.D
 Acq: 09 Nov 2018 13:07

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.2	19.6	58.7
77	31.1	24.9	37.3





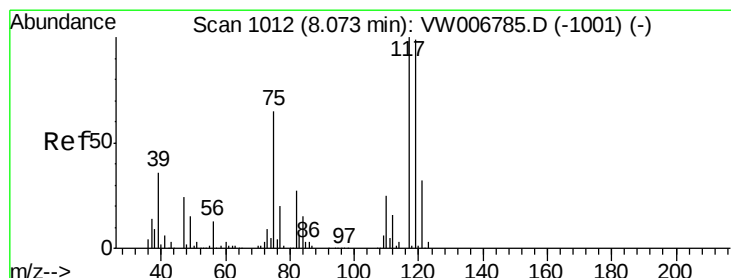
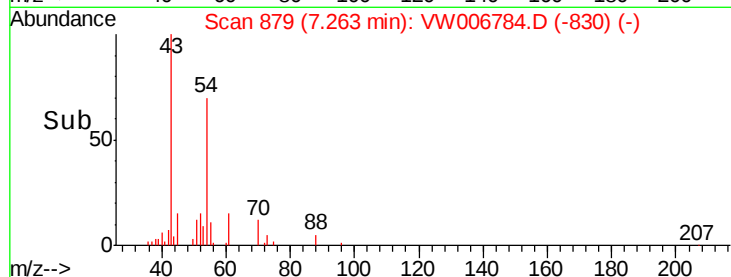
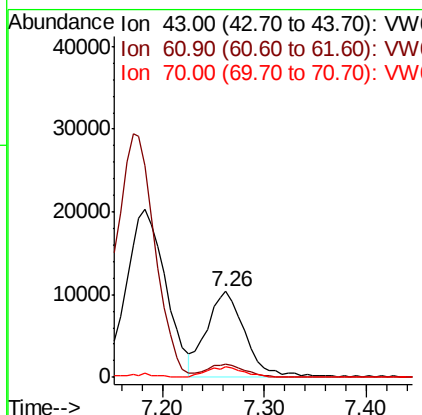
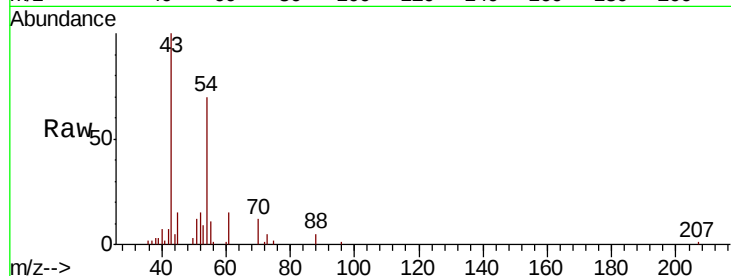
#37
Ethyl Acetate
Concen: 21.853 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	12.2	18.2
70	12.2	9.8	14.8

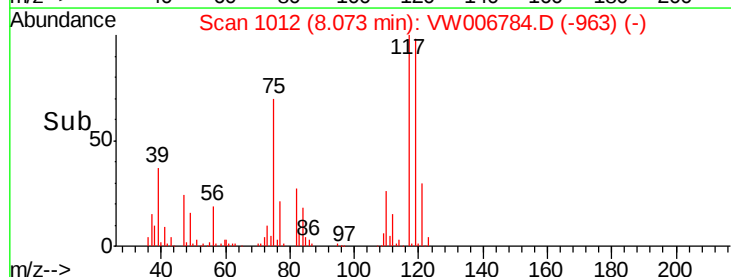
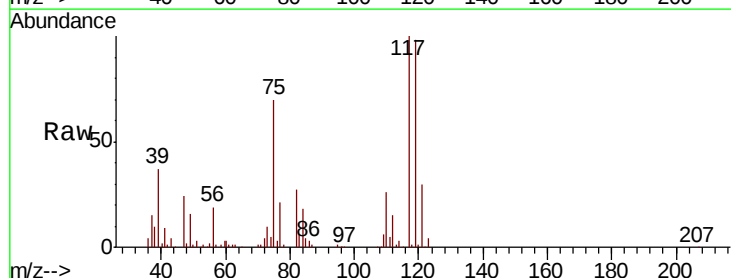
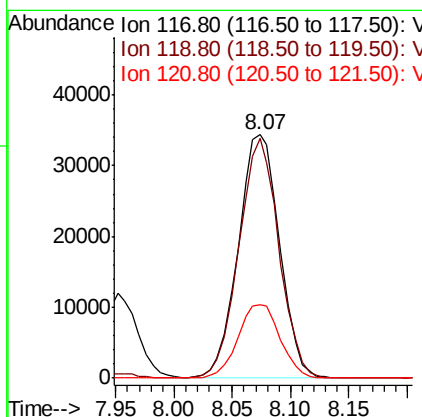
Manual Integrations
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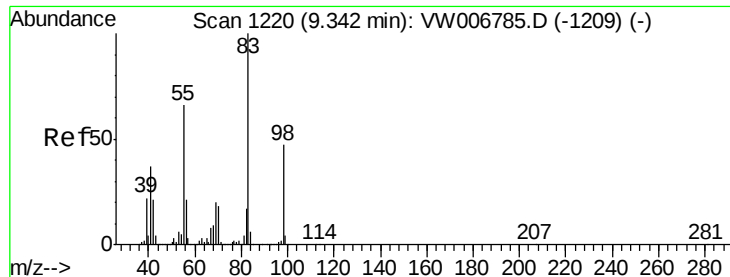
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#38
Carbon Tetrachloride
Concen: 22.854 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.3	78.9	118.3
121	30.3	25.3	37.9





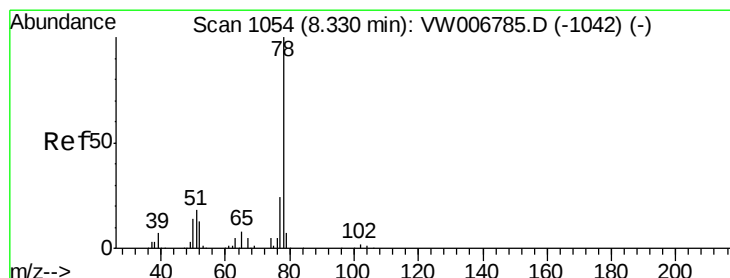
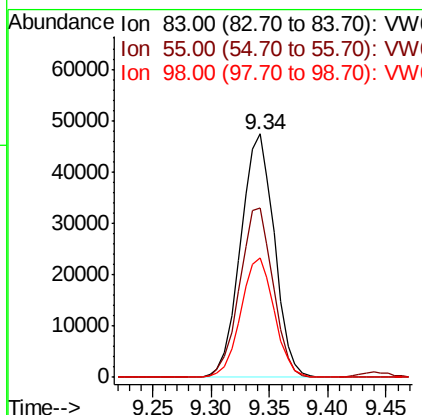
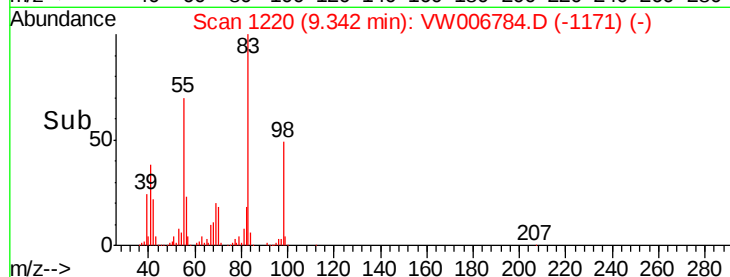
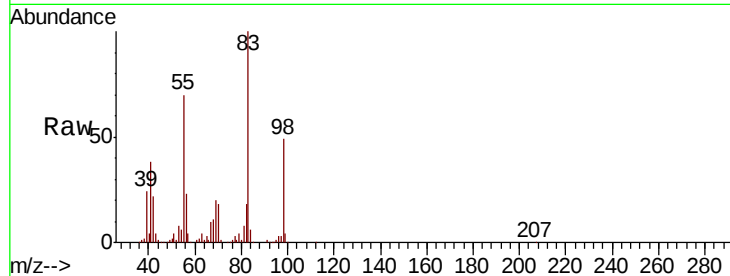
#39
Methvlcvclohexane
Concen: 21.266 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	83	Resp	95707
Ion Ratio	Lower	Upper	
83	100		
55	69.6	53.0	79.4
98	49.1	37.9	56.9

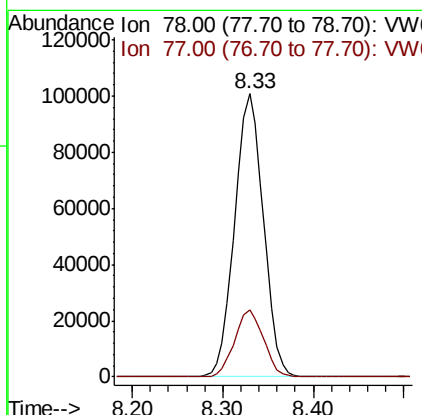
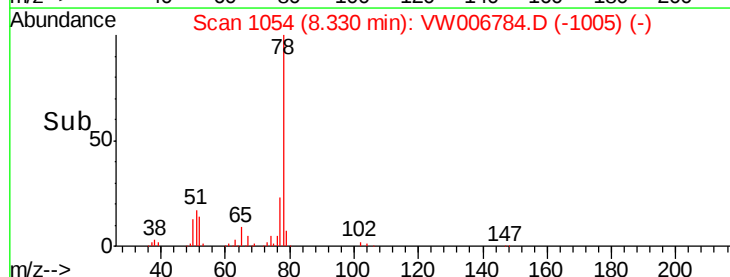
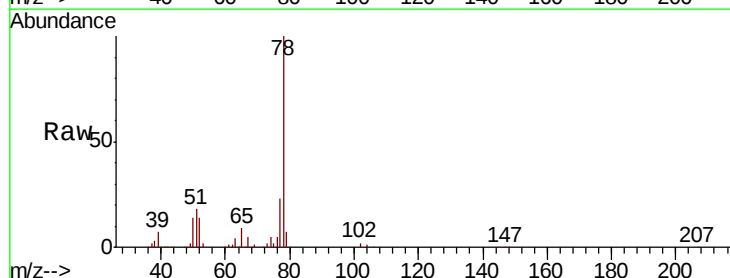
Manual Integrations
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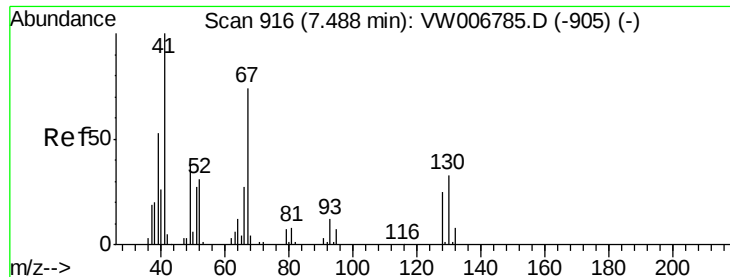
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#40
Benzene
Concen: 21.969 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Tgt Ion	78	Resp	221294
Ion Ratio	Lower	Upper	
78	100		
77	23.5	19.4	29.2





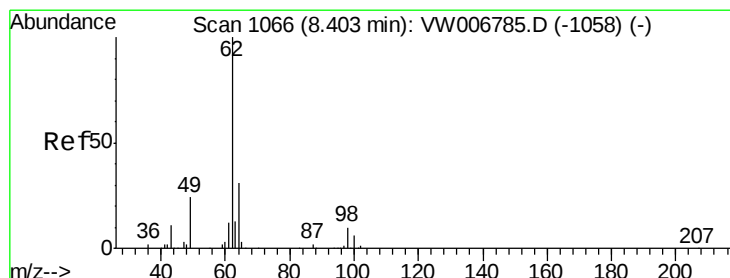
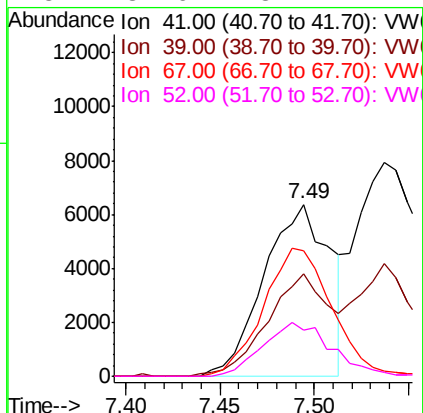
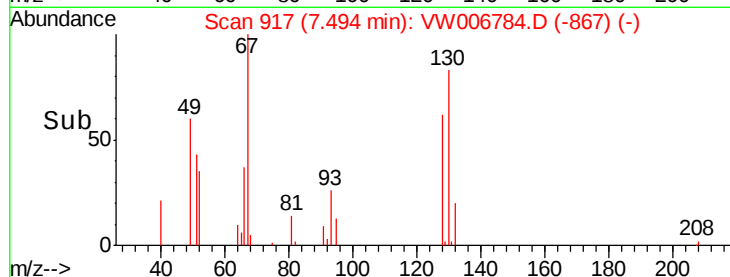
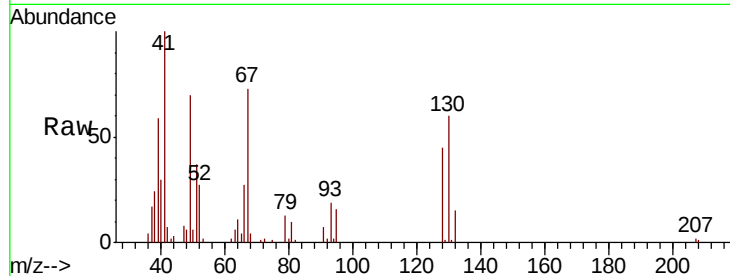
#41
Methacrylonitrile
Concen: 20.650 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion:	41	Resp:	15562
Ion	Ratio	Lower	Upper
41	100		
39	55.6	49.3	73.9
67	76.8	69.3	103.9
52	32.6	28.2	42.4

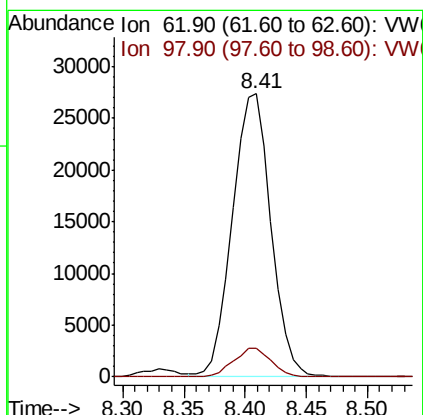
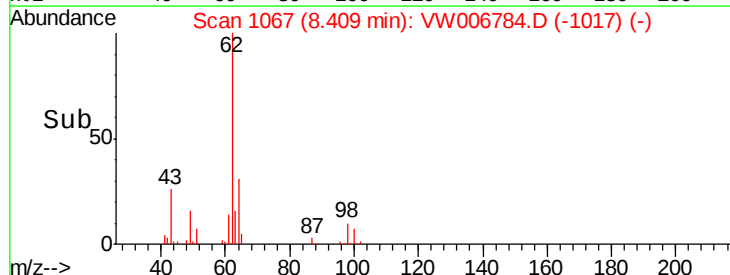
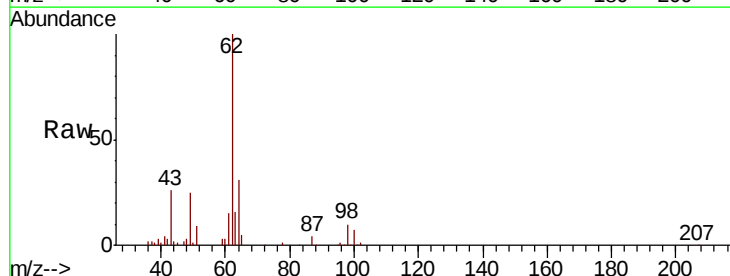
Manual Integrations
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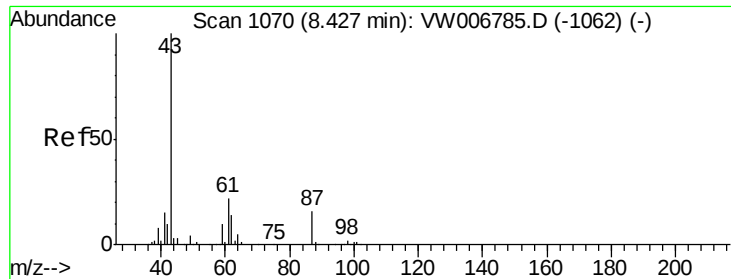
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#42
1,2-Dichloroethane
Concen: 20.716 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. 0.01 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Tgt Ion:	62	Resp:	59845
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.4





#43

Isopropyl Acetate

Concen: 20.224 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.01 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

Instrument :

MSVOA_W

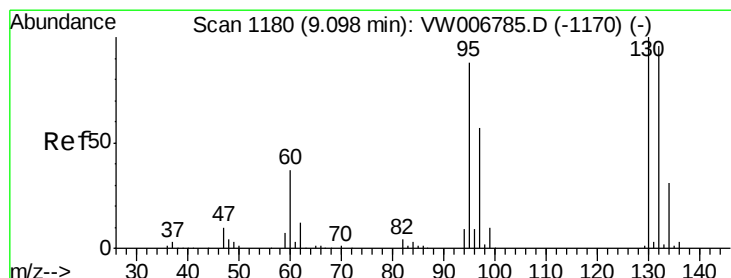
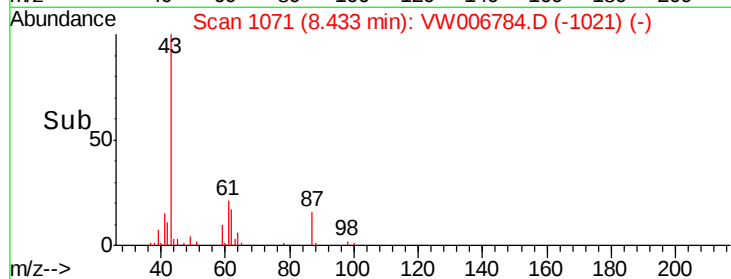
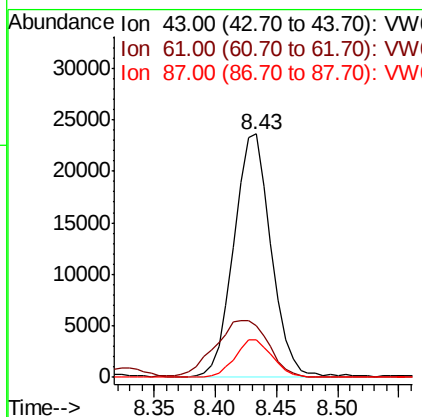
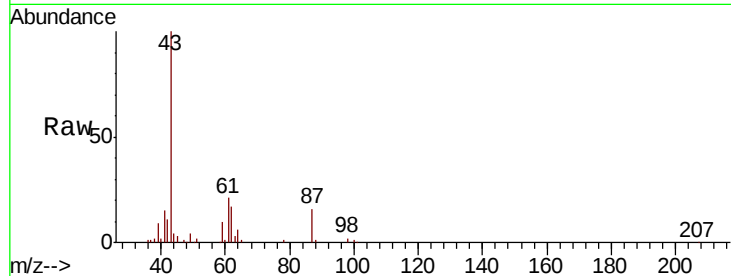
ClientSampleId :

VSTDIC020

Tot Ion:	43	Resp:	49598
Ion	Ratio	Lower	Upper
43	100		
61	33.7	26.5	39.7
87	15.5	12.8	19.2

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#44

Trichloroethene

Concen: 22.552 ug/l

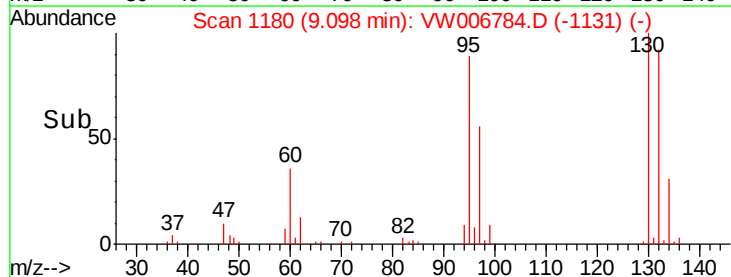
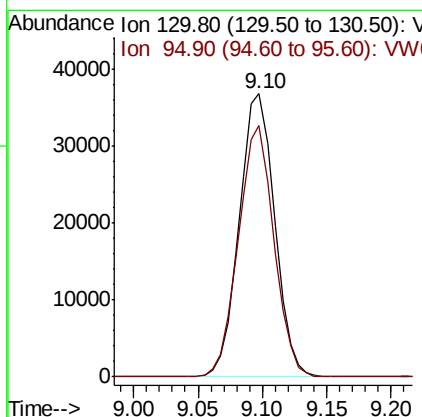
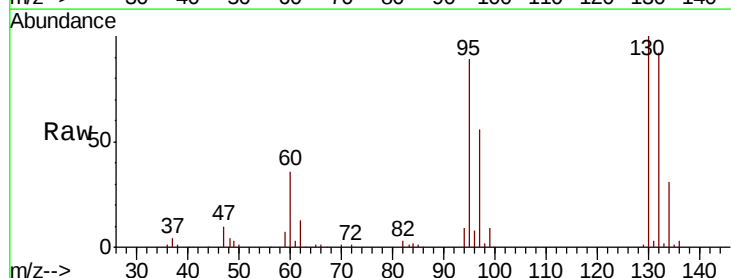
RT: 9.10 min Scan# 1180

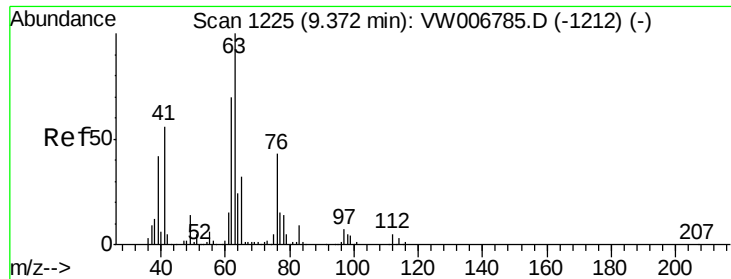
Delta R.T. 0.00 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

Tgt Ion:	130	Resp:	70102
Ion	Ratio	Lower	Upper
130	100		
95	88.8	0.0	175.0





#45

1,2-Dichloropropane

Concen: 22.484 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion: 63 Resp: 52707

Ion Ratio Lower Upper

63 100

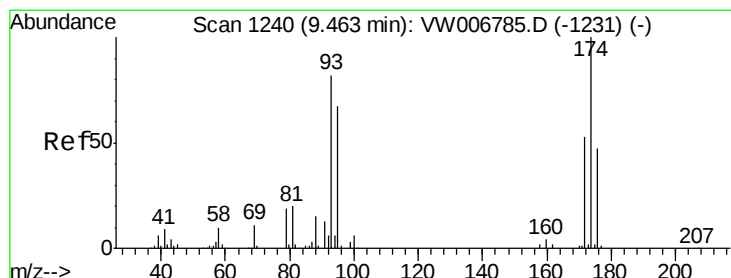
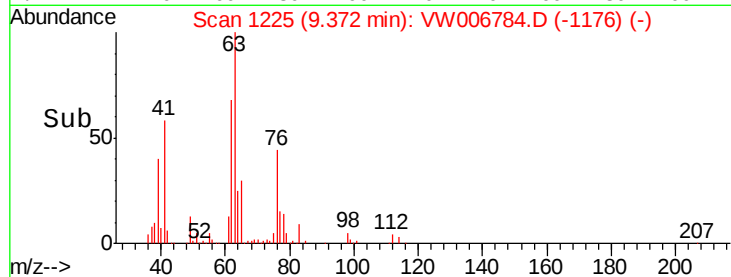
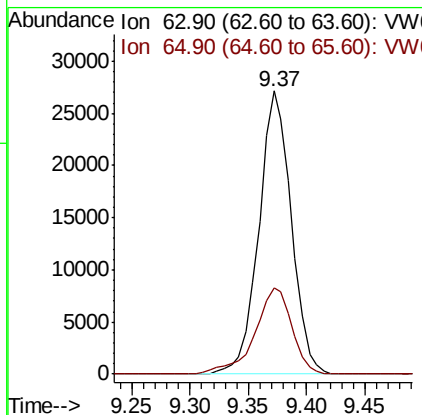
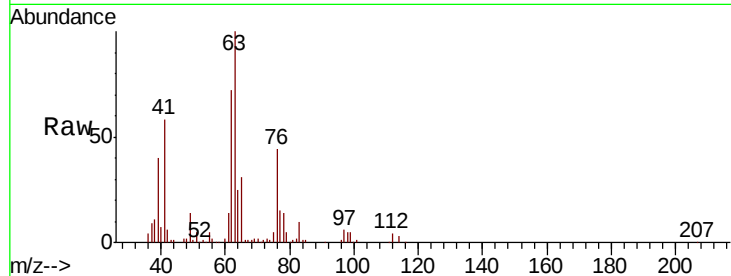
65 30.6 25.5 38.3

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#46

Dibromomethane

Concen: 20.715 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

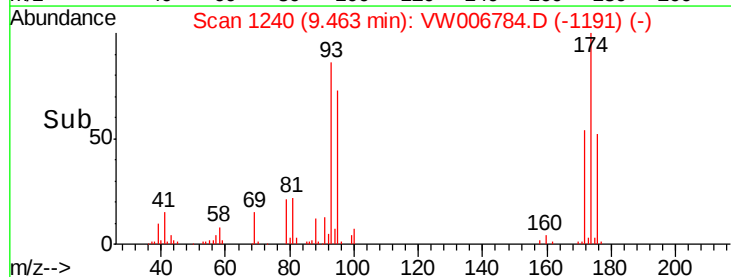
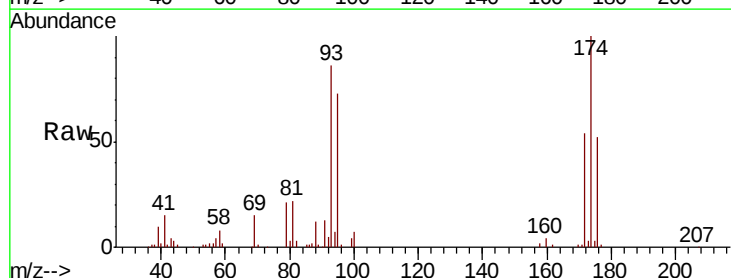
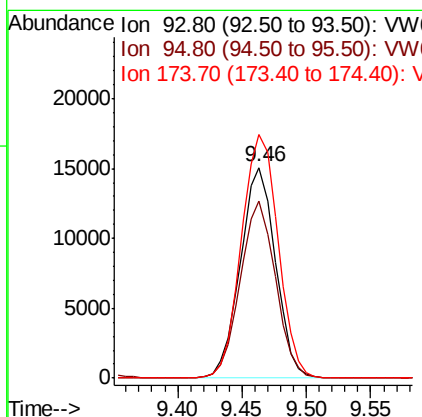
Tgt Ion: 93 Resp: 28546

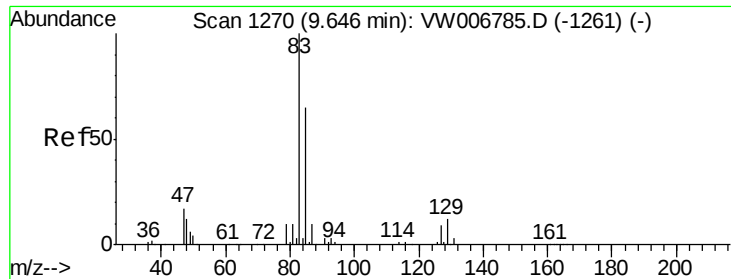
Ion Ratio Lower Upper

93 100

95 84.2 65.4 98.0

174 120.3 96.4 144.6





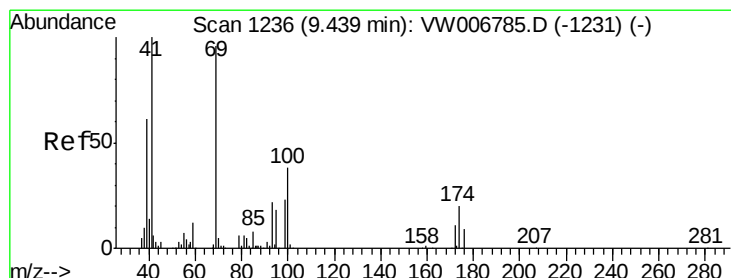
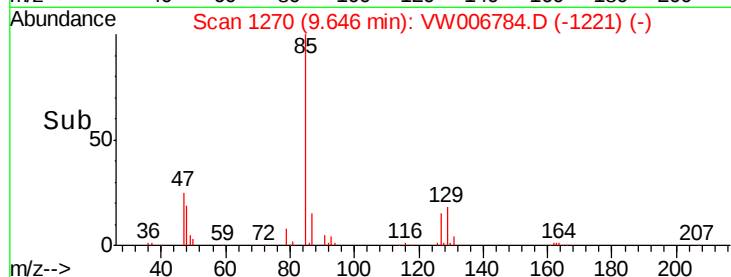
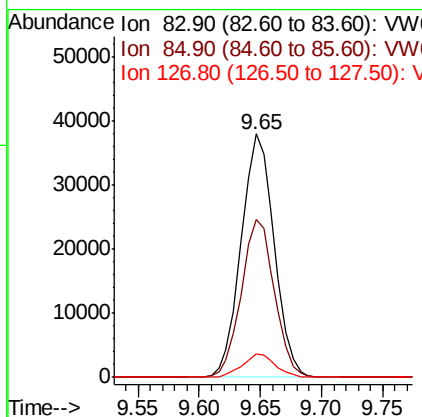
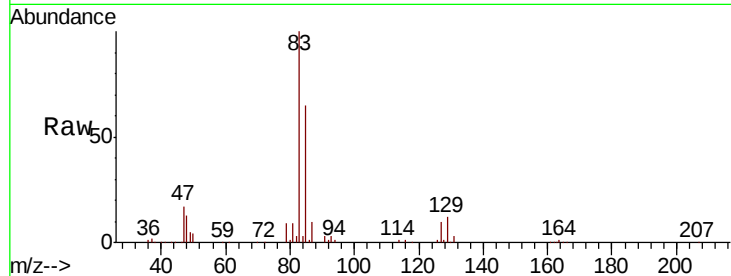
#47
Bromodichloromethane
Concen: 22.266 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.6	77.4
127	9.6	7.4	11.2

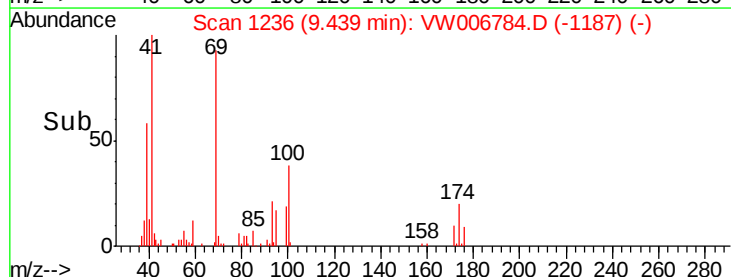
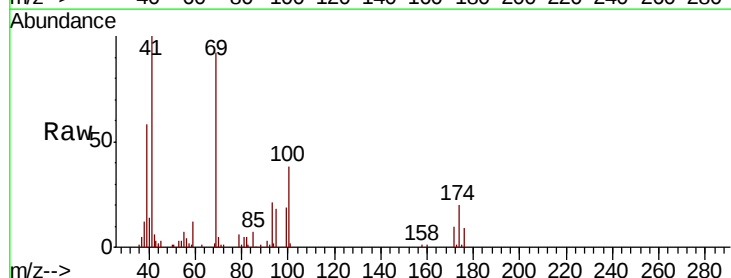
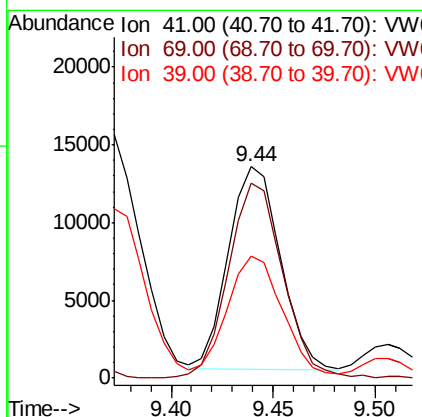
Manual Integrations
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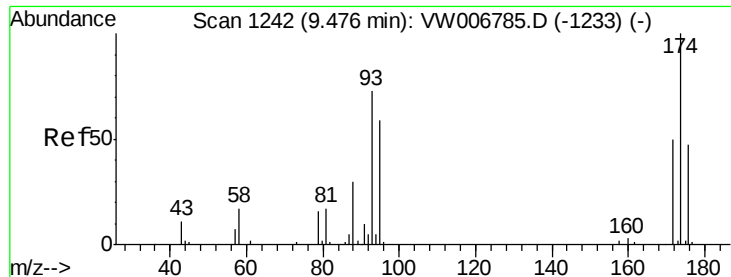
apatel
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#48
Methyl methacrylate
Concen: 19.600 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Tgt Ion	Ratio	Lower	Upper
41	100		
69	100.4	81.5	122.3
39	59.3	48.0	72.0





#49

1,4-Dioxane

Concen: 393.364 ug/l

RT: 9.48 min Scan# 1242

Delta R.T. 0.00 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

Instrument :

MSVOA_W

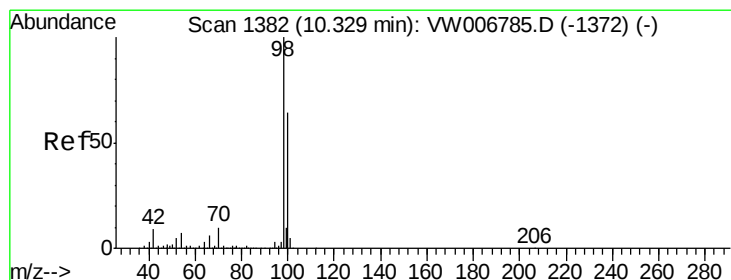
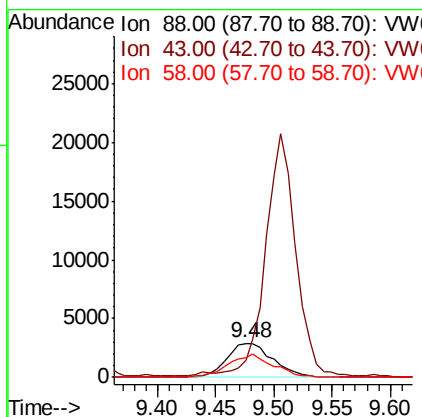
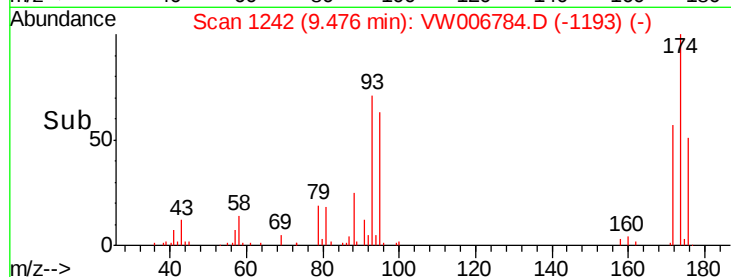
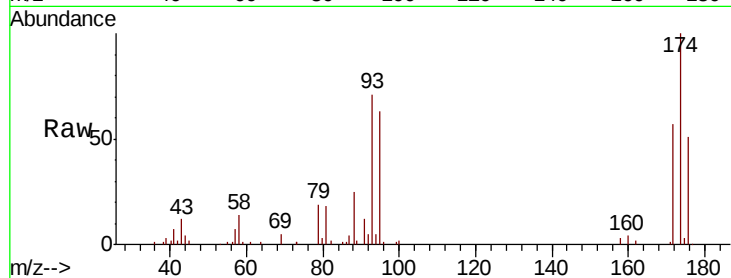
ClientSampleId :

VSTDIC020

Tot Ion:	88	Resp:	7933
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	66.3	53.7	80.5

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#50

Toluene-d8

Concen: 20.674 ug/l

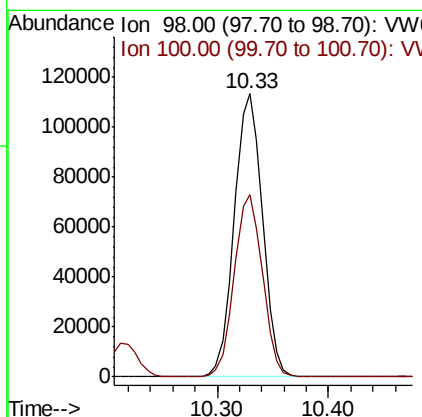
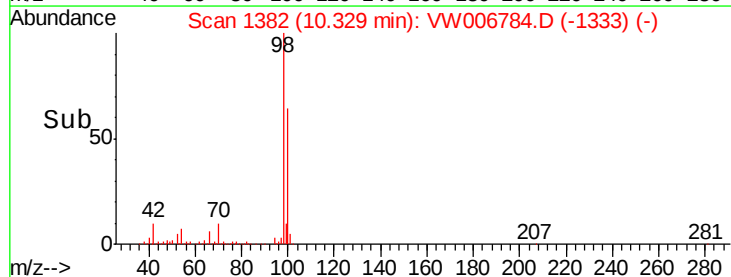
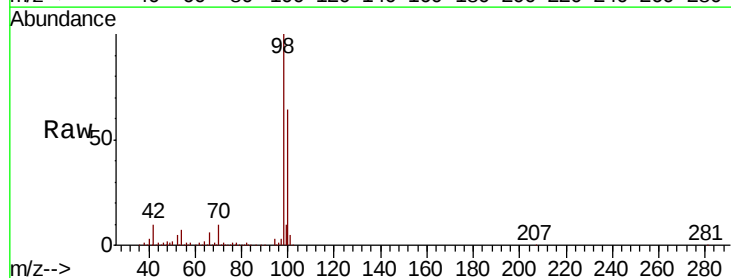
RT: 10.33 min Scan# 1382

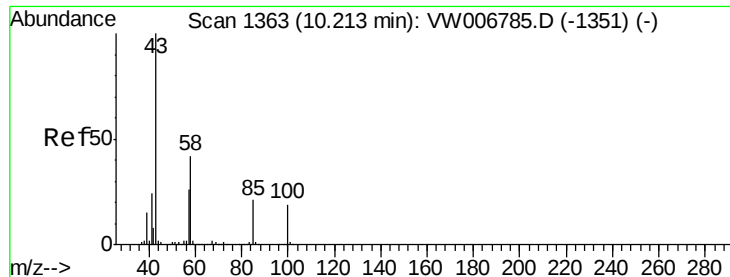
Delta R.T. 0.00 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

Tgt Ion:	98	Resp:	199185
Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.4	77.0





#51

4-Methyl-2-Pentanone

Concen: 98.986 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 124675

Ion Ratio Lower Upper

43 100

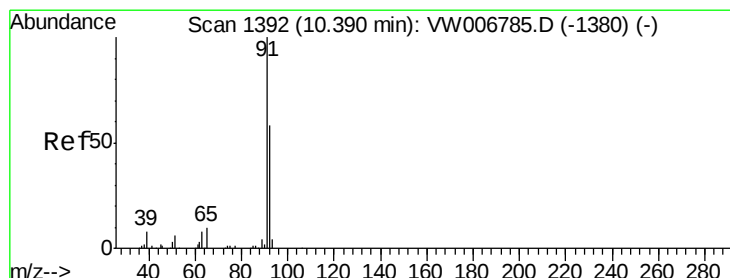
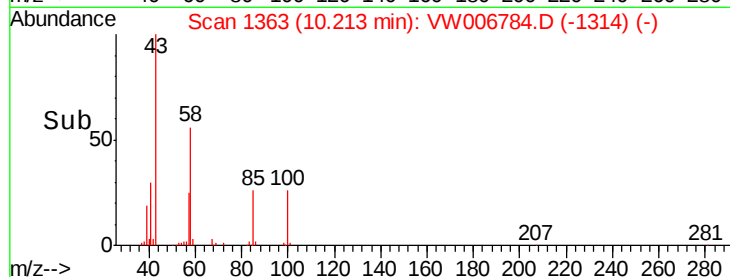
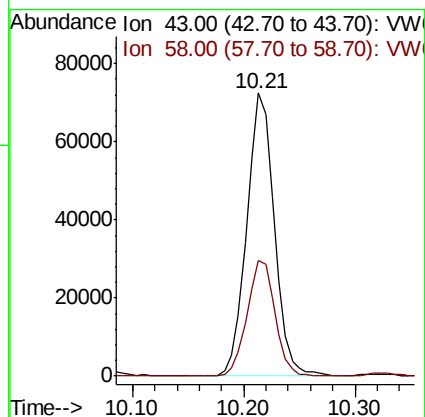
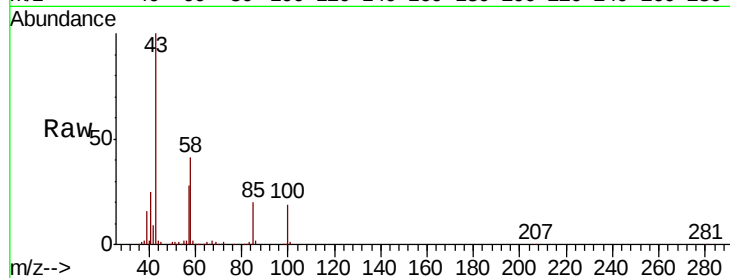
58 41.6 33.2 49.8

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#52

Toluene

Concen: 22.297 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006784.D

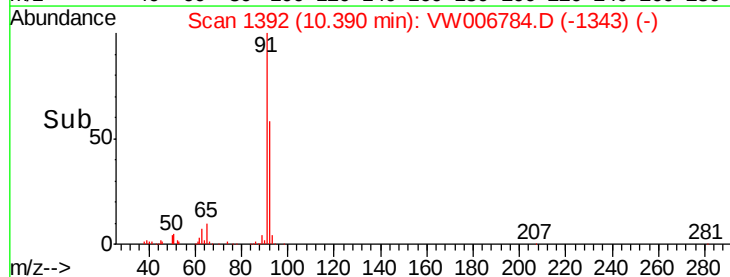
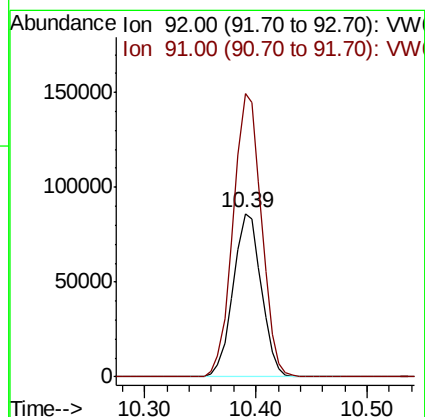
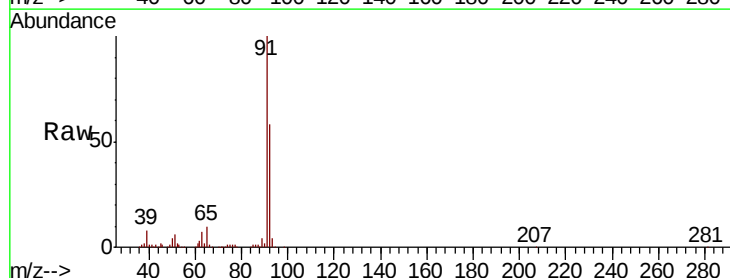
Acq: 09 Nov 2018 13:07

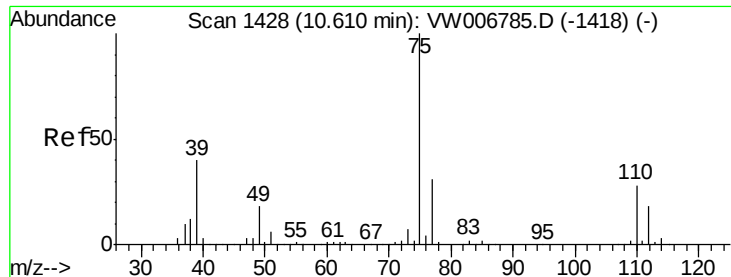
Tgt Ion: 92 Resp: 150642

Ion Ratio Lower Upper

92 100

91 174.8 138.6 207.8





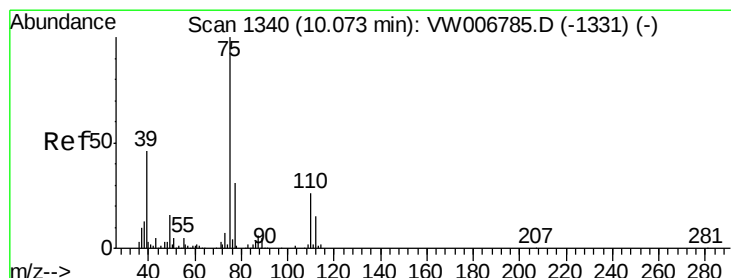
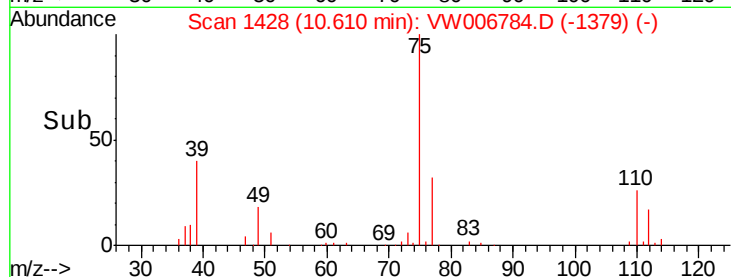
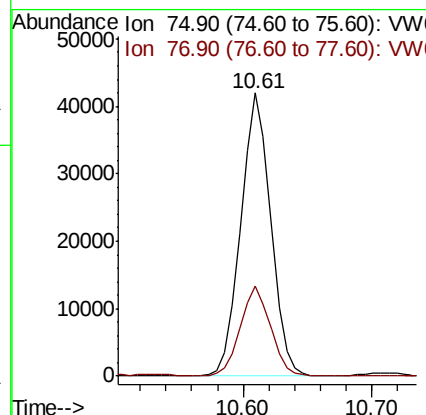
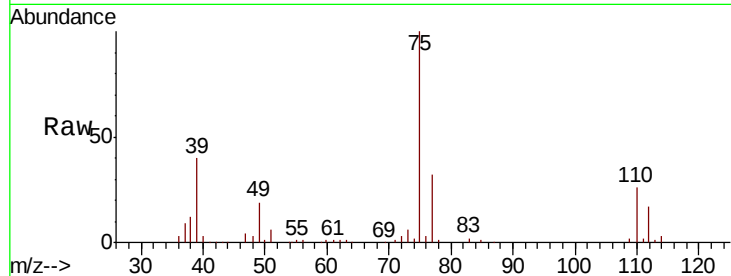
#53
t-1,3-Dichloropropene
Concen: 21.948 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion: 75 Resp: 67587
Ion Ratio Lower Upper
75 100
77 31.9 25.1 37.7

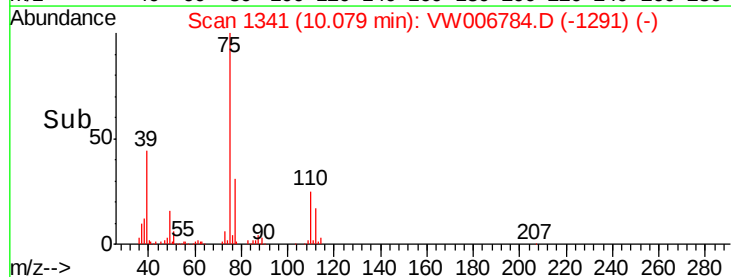
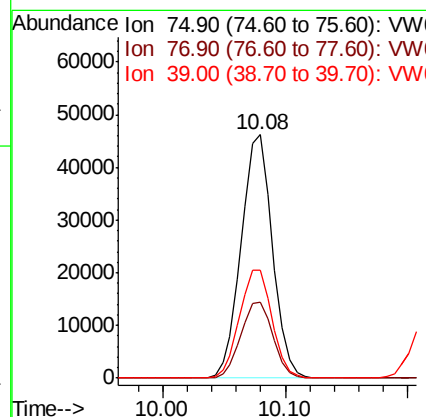
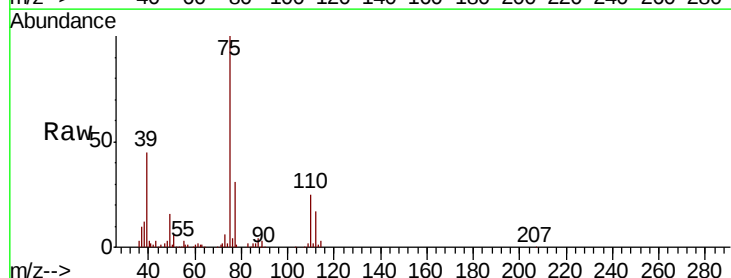
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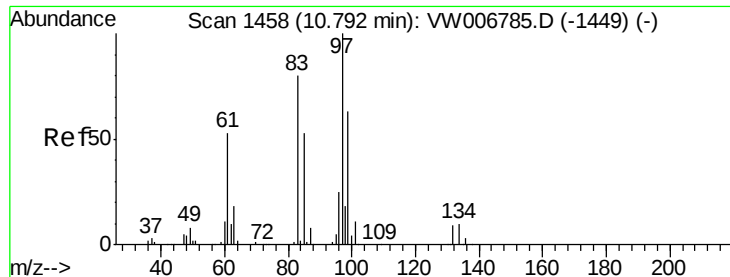
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#54
cis-1,3-Dichloropropene
Concen: 22.515 ug/l
RT: 10.08 min Scan# 1341
Delta R.T. 0.01 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Tgt Ion: 75 Resp: 81929
Ion Ratio Lower Upper
75 100
77 31.0 24.6 37.0
39 44.4 37.1 55.7





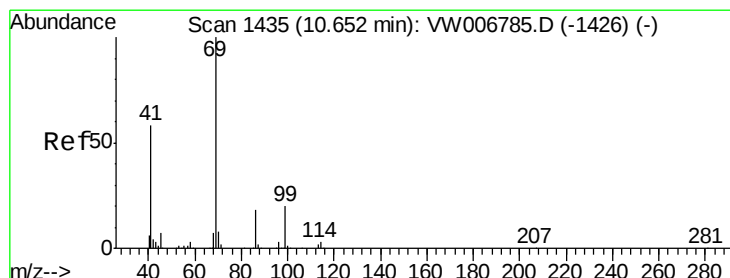
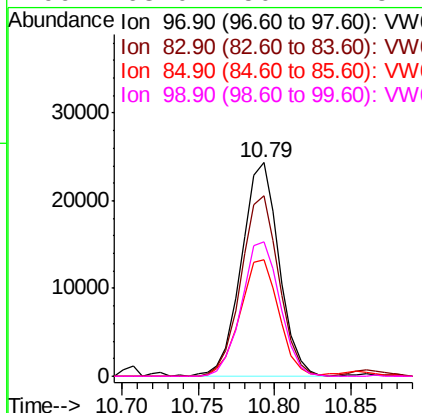
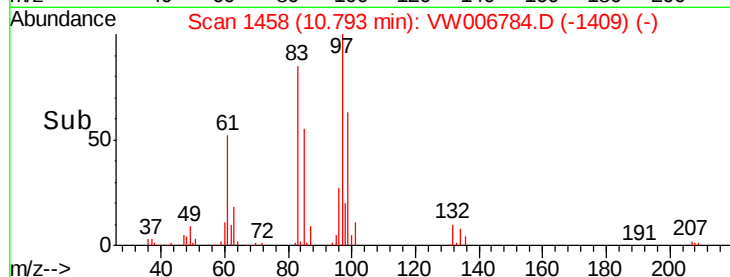
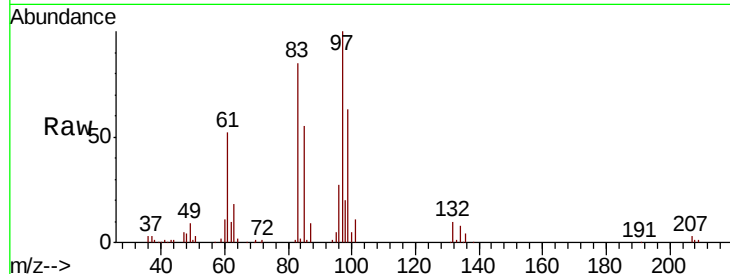
#55
 1,1,2-Trichloroethane
 Concen: 21.242 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006784.D
 Acq: 09 Nov 2018 13:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion:	97	Resp:	41533
Ion	Ratio	Lower	Upper
97	100		
83	84.6	64.4	96.6
85	54.8	42.6	63.8
99	63.0	50.2	75.2

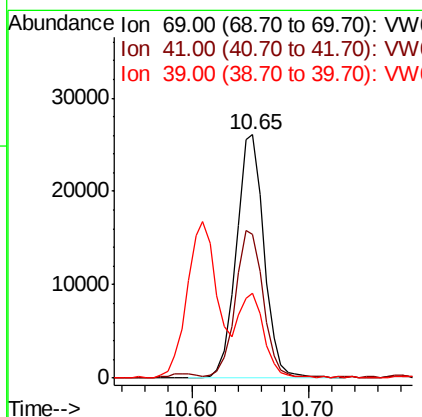
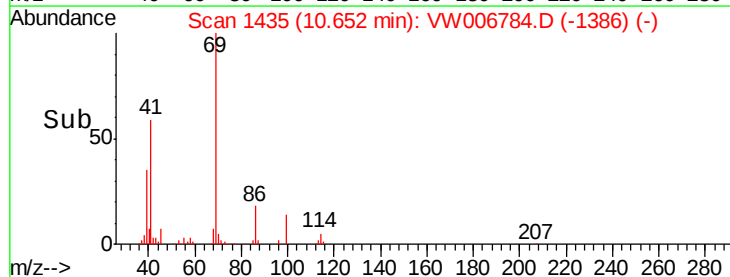
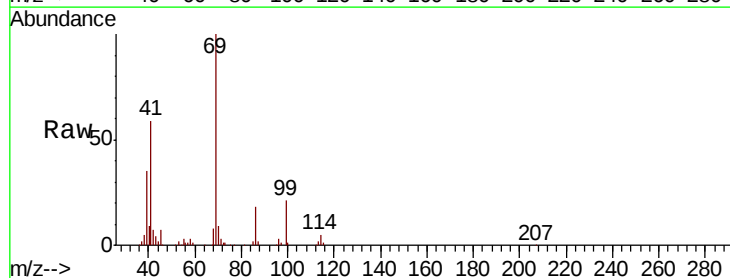
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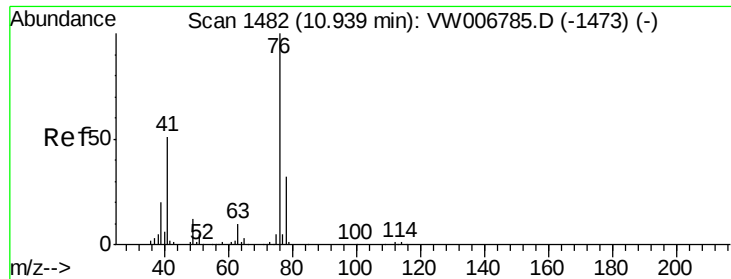
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#56
 Ethyl methacrylate
 Concen: 19.482 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW006784.D
 Acq: 09 Nov 2018 13:07

Tgt Ion:	69	Resp:	43294
Ion	Ratio	Lower	Upper
69	100		
41	60.9	47.2	70.8
39	31.4	23.4	35.0





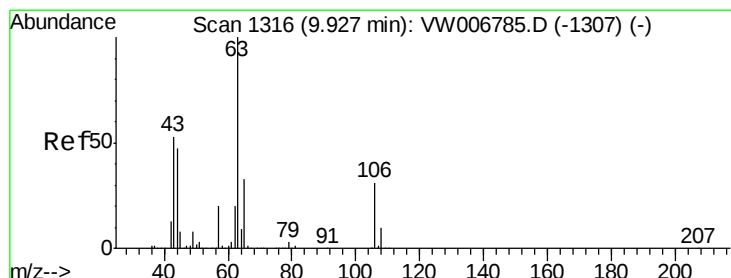
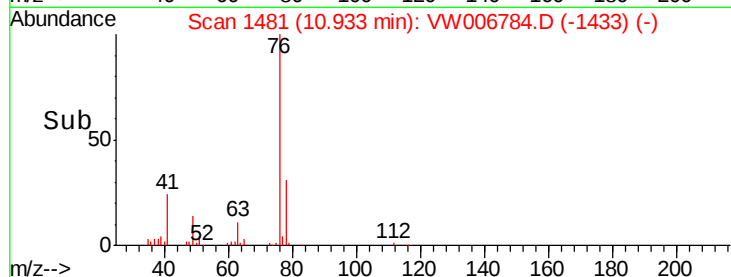
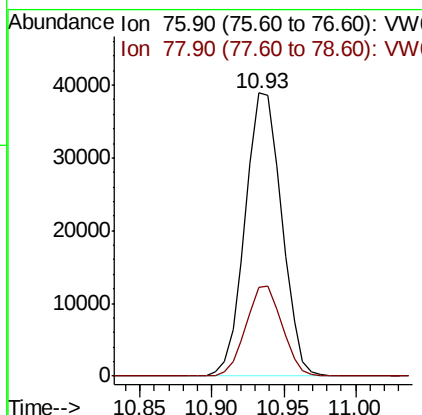
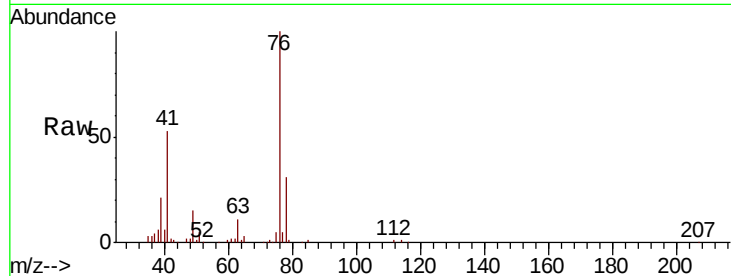
#57
 1,3-Dichloropropane
 Concen: 21.555 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: VW006784.D
 Acq: 09 Nov 2018 13:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion: 76 Resp: 68436
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.5 38.3

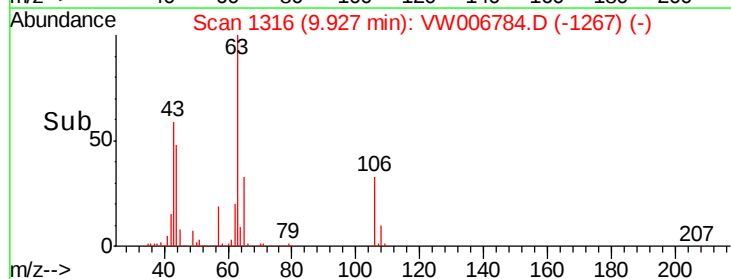
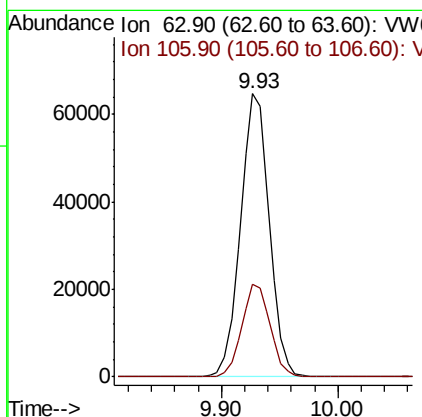
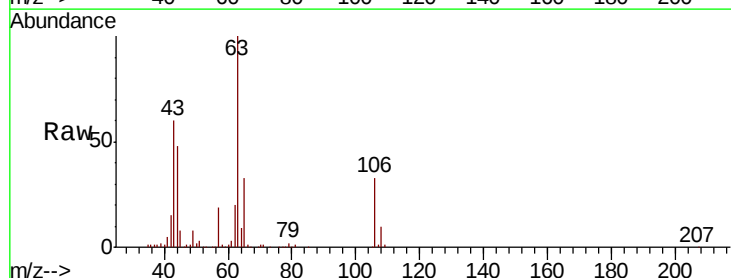
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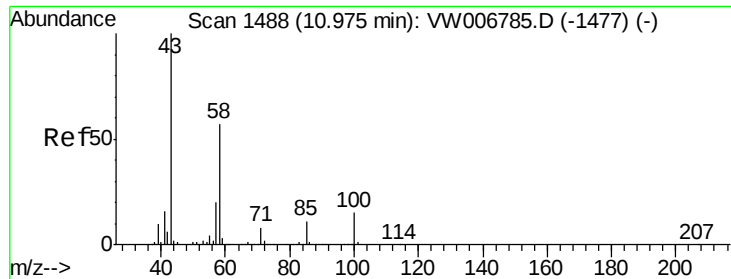
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 11/12/2018 3:40:33 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.047 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006784.D
 Acq: 09 Nov 2018 13:07

Tgt Ion: 63 Resp: 111319
 Ion Ratio Lower Upper
 63 100
 106 32.2 25.3 37.9





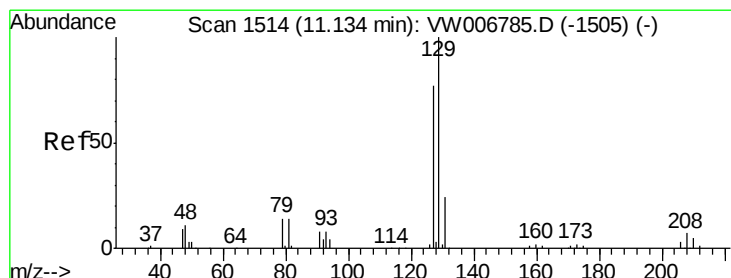
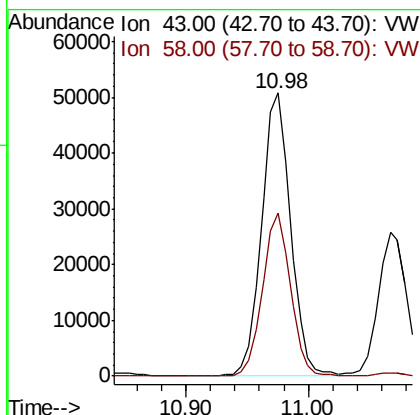
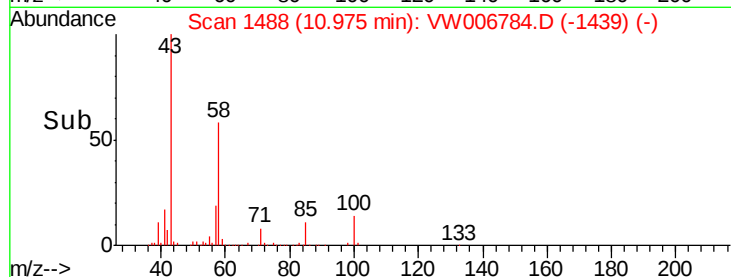
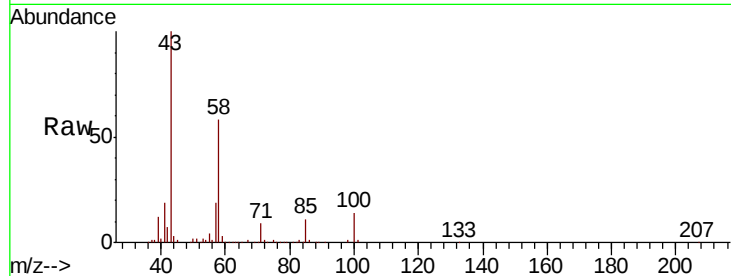
#59
2-Hexanone
Concen: 97.966 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.8	28.5	85.5

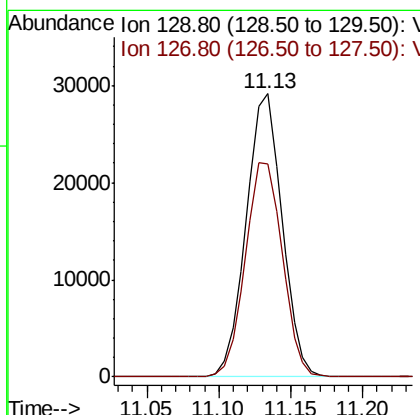
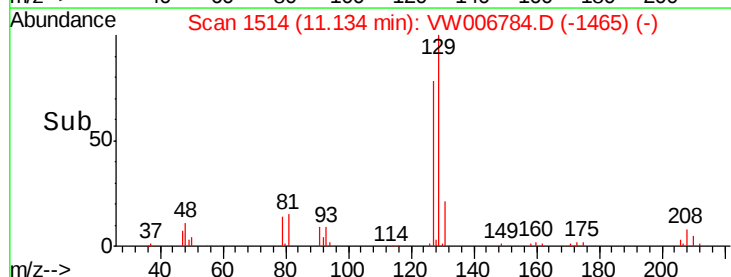
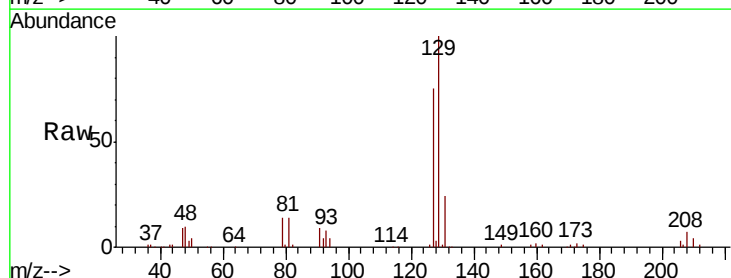
Manual Integrations
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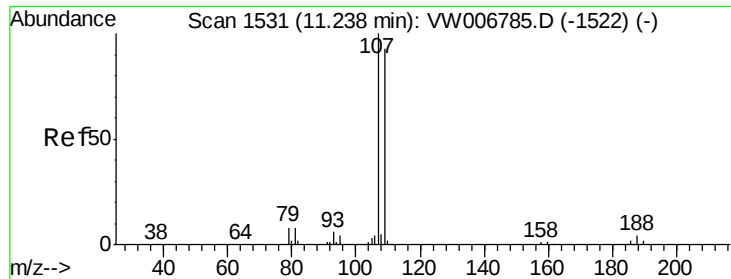
apatel
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#60
Dibromochloromethane
Concen: 21.703 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.0	38.5	115.3





#61

1,2-Dibromoethane

Concen: 20.766 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion: 107 Resp: 40320

Ion Ratio Lower Upper

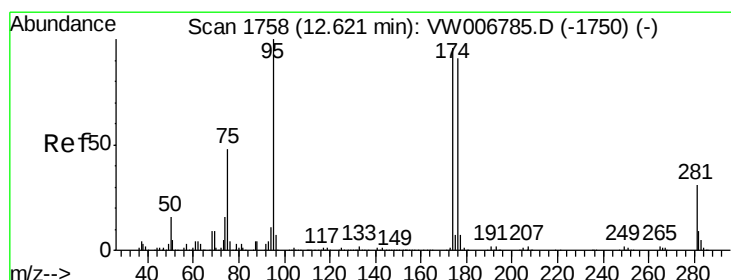
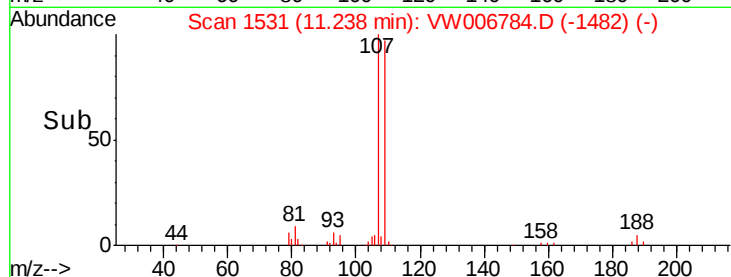
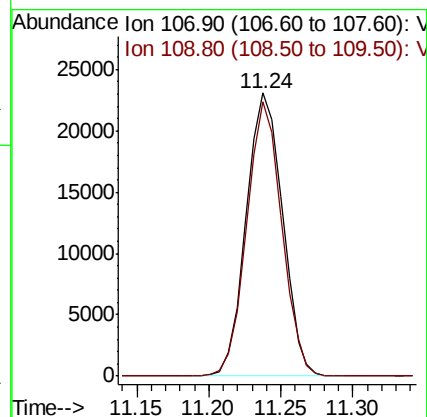
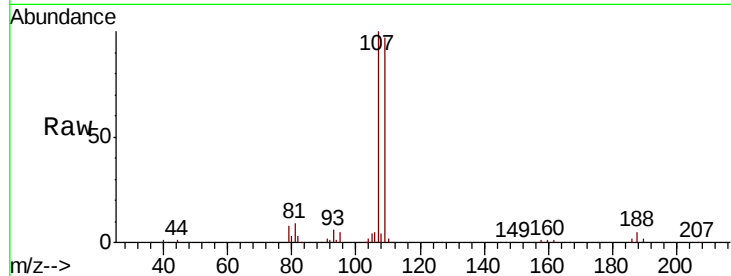
107 100

109 93.5 75.5 113.3

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 20.387 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

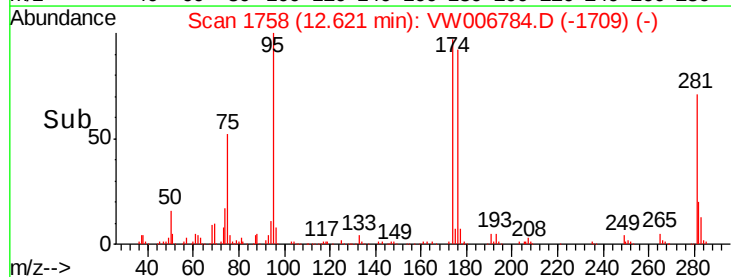
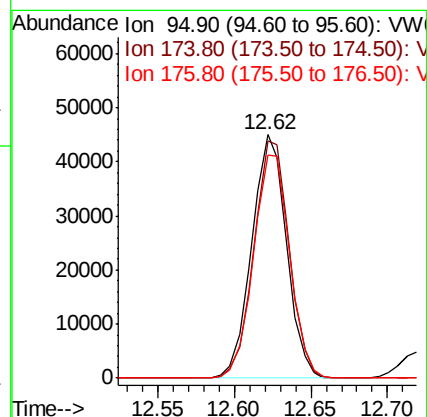
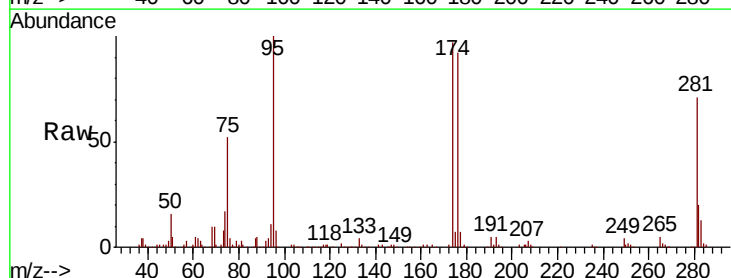
Tgt Ion: 95 Resp: 71209

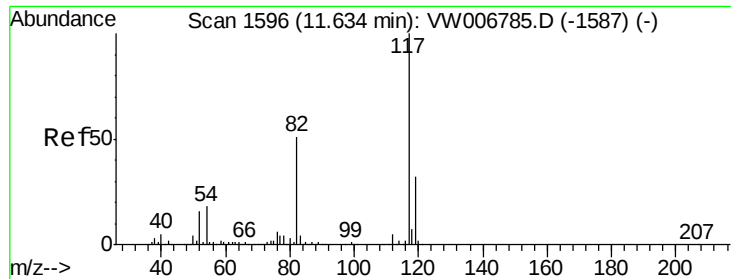
Ion Ratio Lower Upper

95 100

174 98.7 0.0 196.2

176 95.9 0.0 190.8





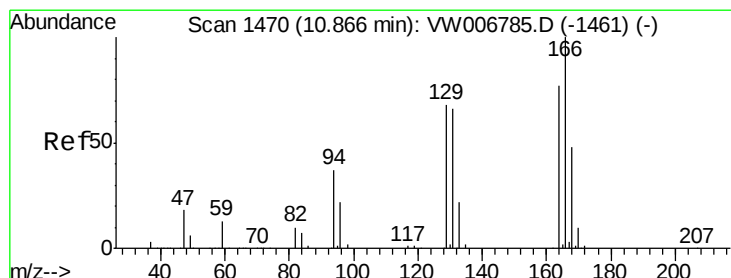
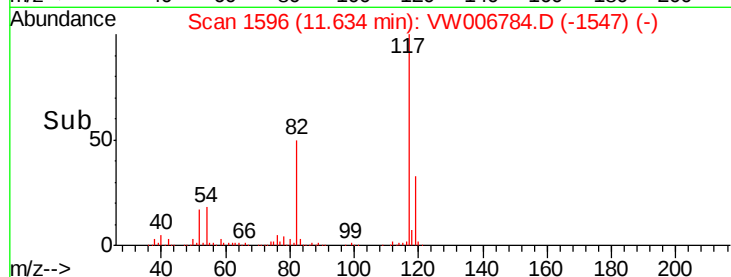
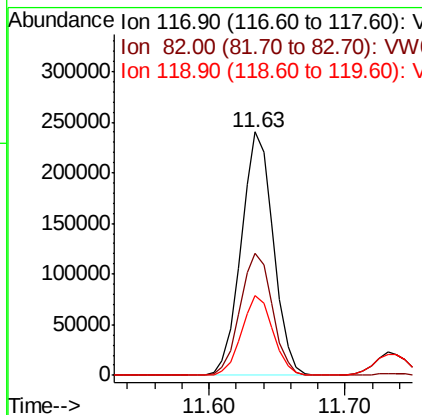
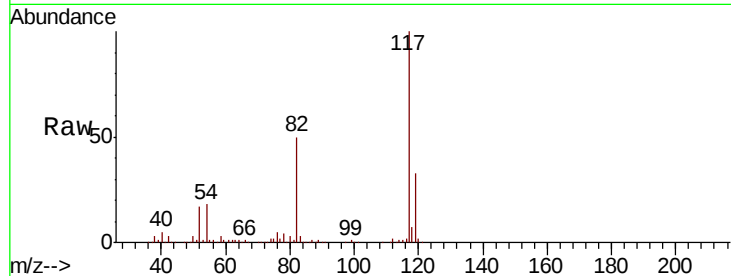
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.2	40.9	61.3
119	32.7	25.8	38.8

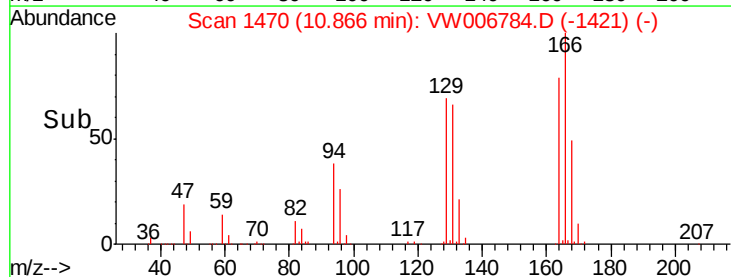
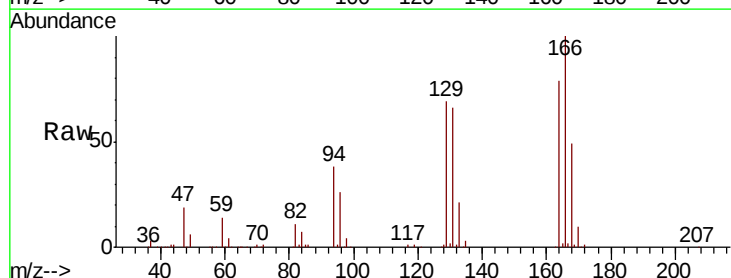
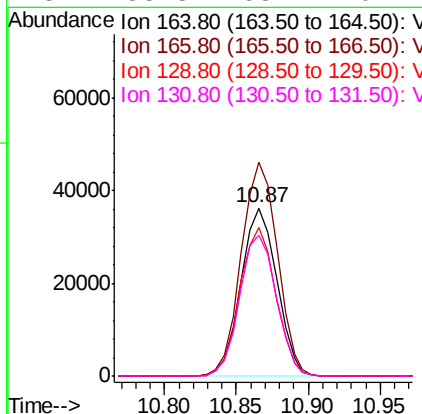
Manual Integrations
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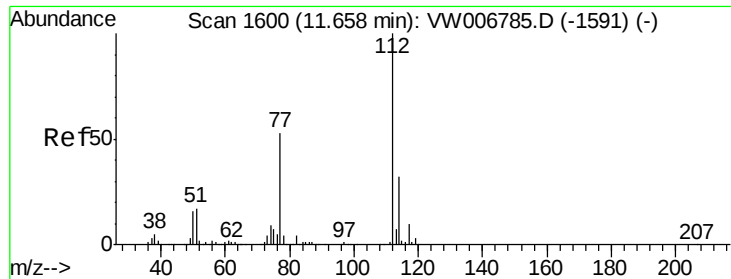
apatel
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#64
Tetrachloroethene
Concen: 19.900 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.2	103.7	155.5
129	88.3	70.4	105.6
131	83.8	68.2	102.2





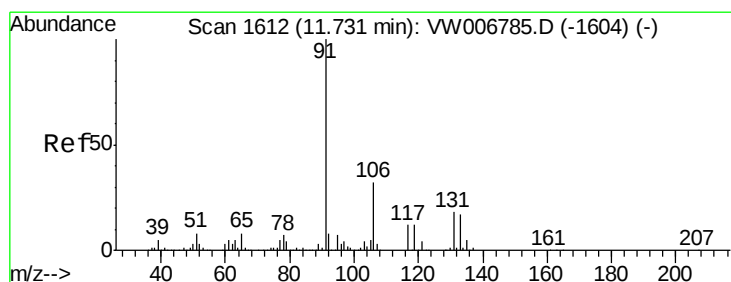
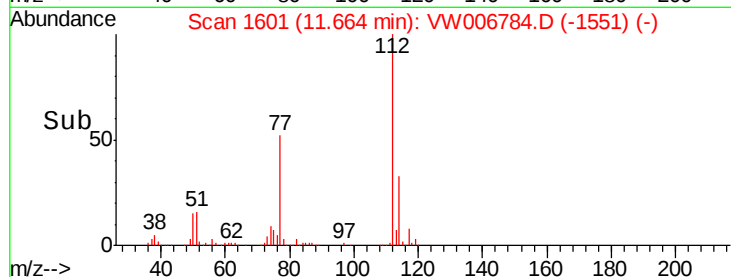
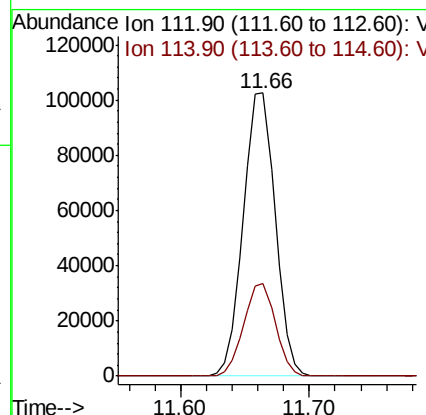
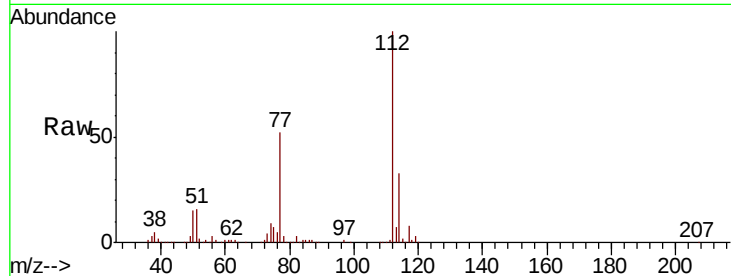
#65
Chlorobenzene
Concen: 21.197 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion:112 Resp: 176306
Ion Ratio Lower Upper
112 100
114 32.8 25.9 38.9

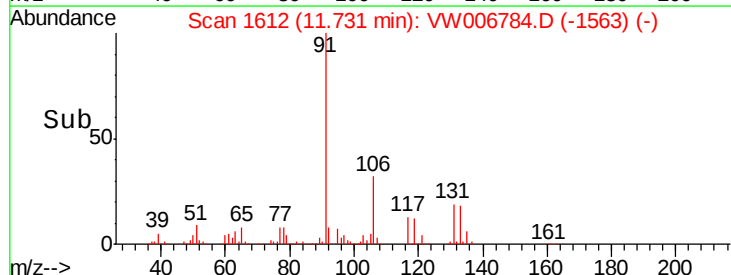
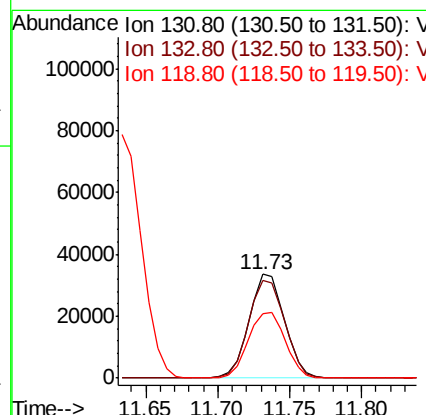
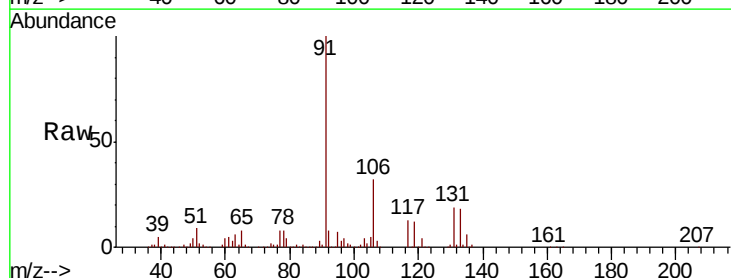
Manual Integrations
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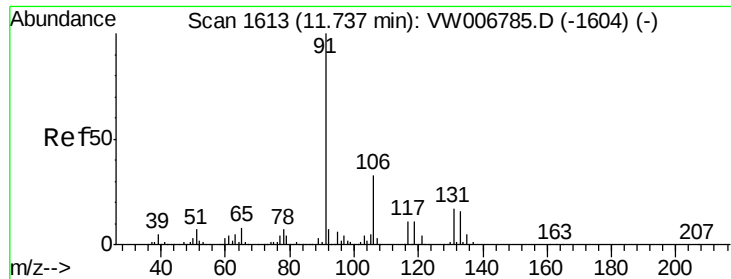
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.533 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Tgt Ion:131 Resp: 57105
Ion Ratio Lower Upper
131 100
133 96.2 47.9 143.6
119 65.9 32.3 96.8





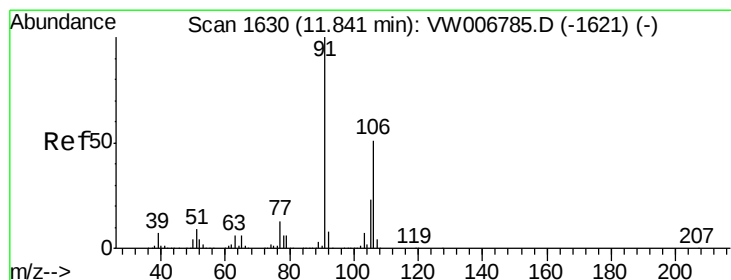
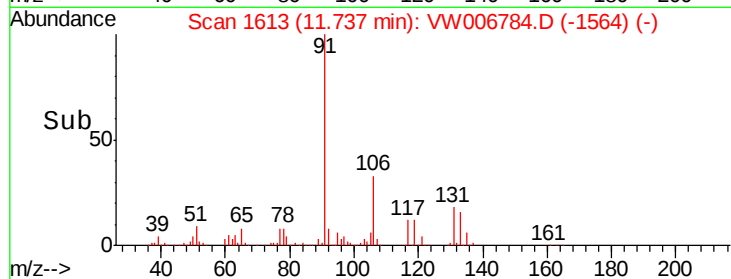
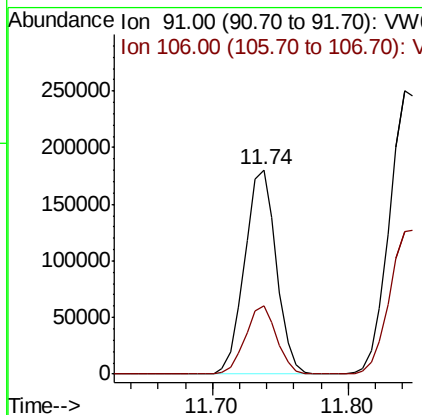
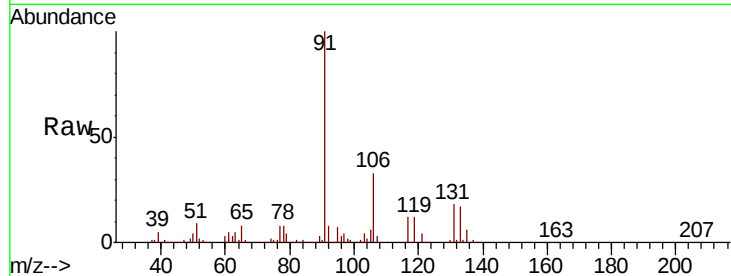
#67
Ethyl Benzene
Concen: 21.159 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
91	100		
106	33.1	26.3	39.5

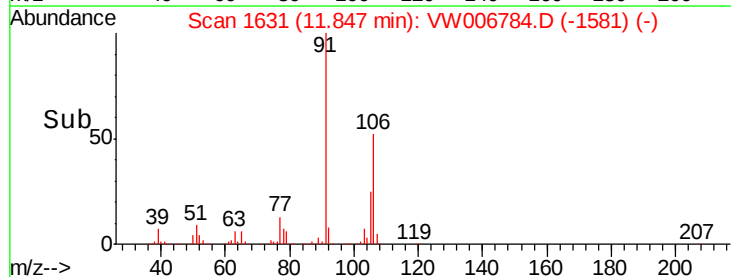
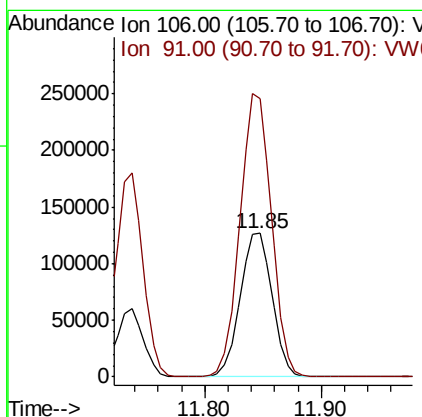
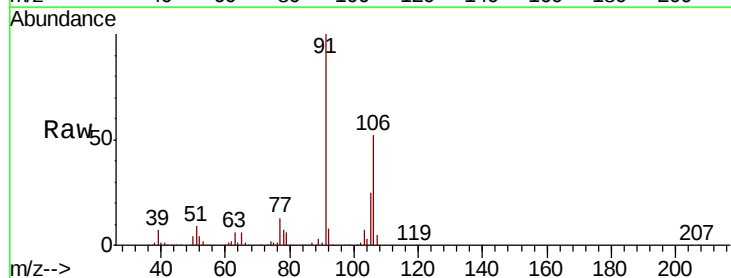
Manual Integrations
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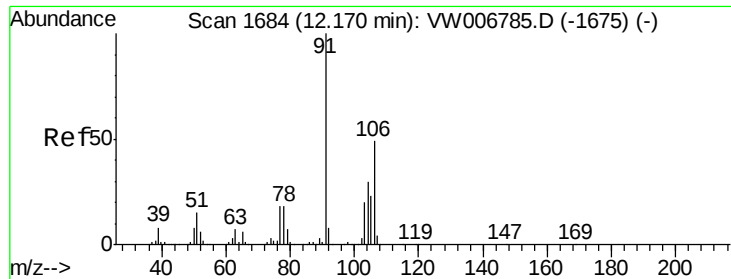
apatel
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#68
m/p-Xylenes
Concen: 43.771 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Tgt Ion	Ratio	Lower	Upper
106	100		
91	194.3	155.3	232.9





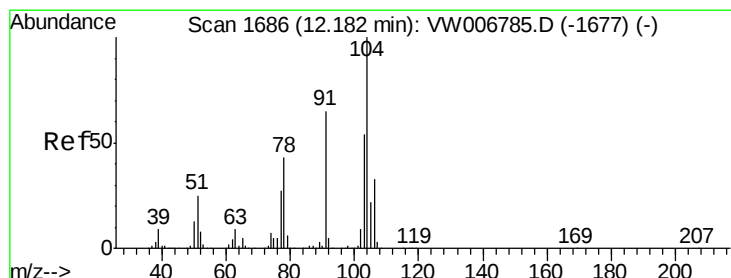
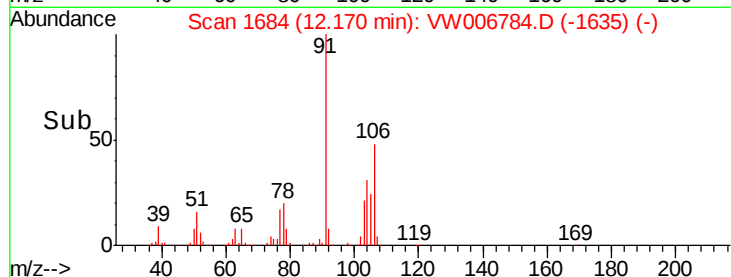
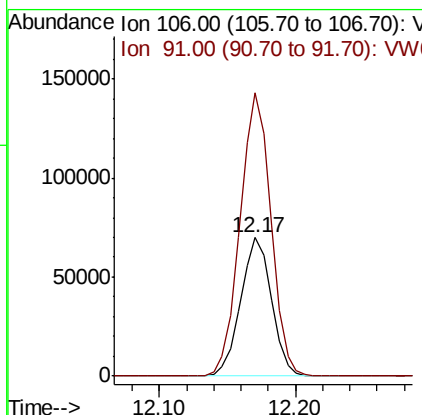
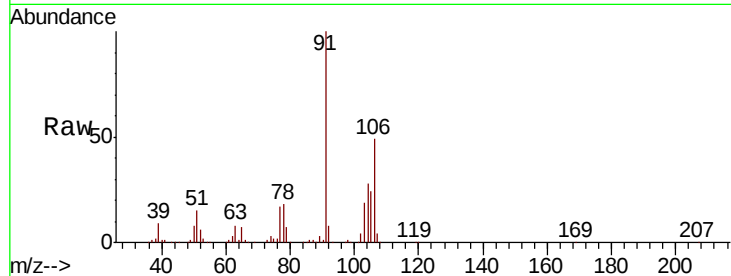
#69
o-Xylene
Concen: 20.869 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	205.5	103.0	308.9

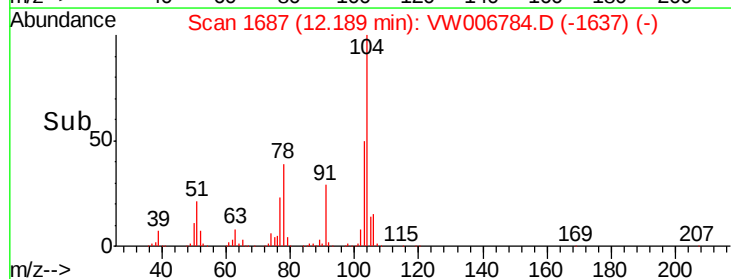
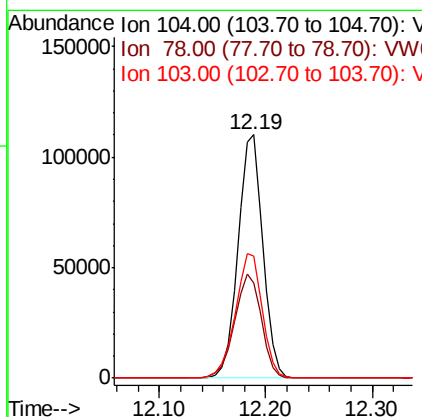
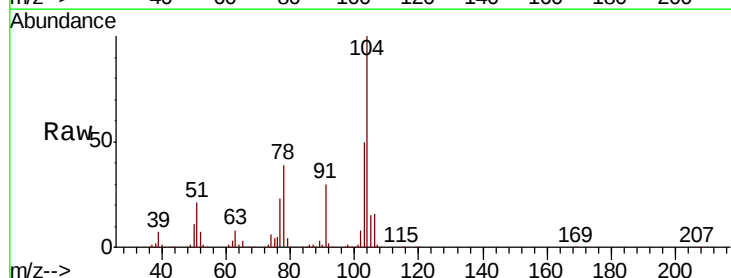
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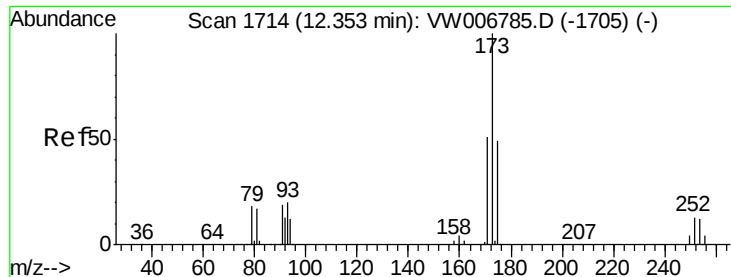
apatel
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#70
Styrene
Concen: 20.906 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	46.5	37.1	55.7
103	103	55.6	44.4	66.6





#71

Bromoform

Concen: 19.609 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

Instrument :

MSVOA_W

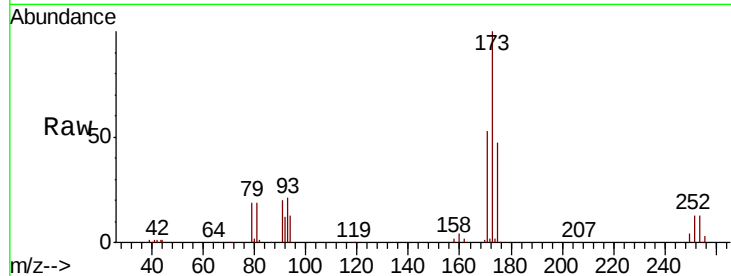
ClientSampleId :

VSTDIC020

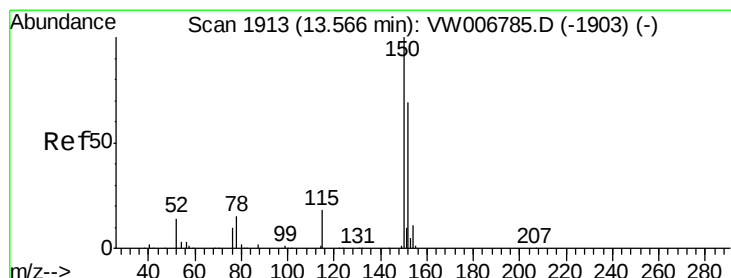
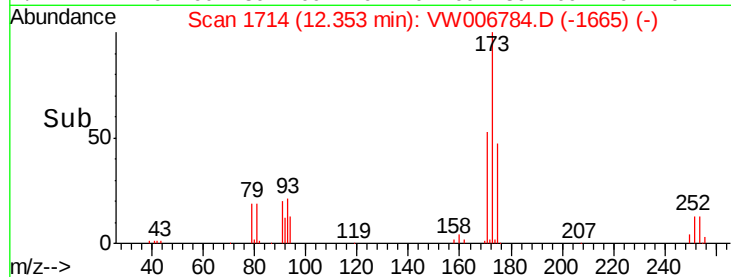
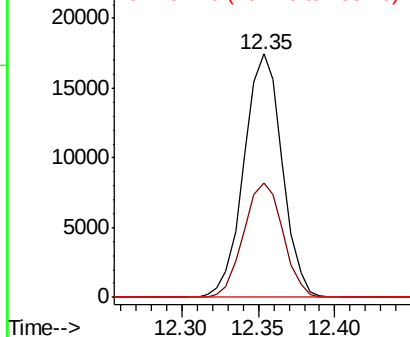
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.3	72.8
254	0.1	0.1	0.1

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

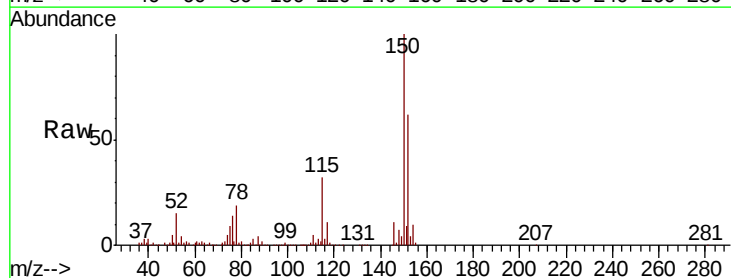
RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

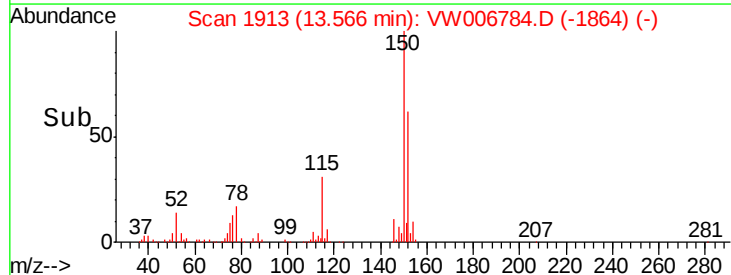
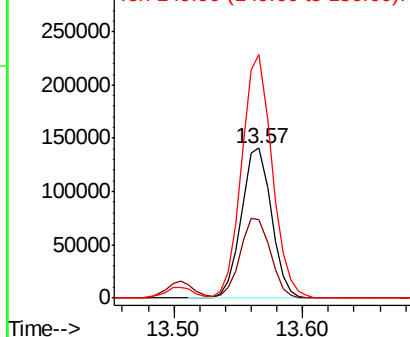
Lab File: VW006784.D

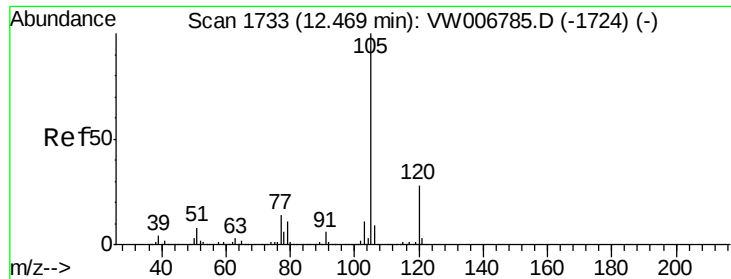
Acq: 09 Nov 2018 13:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.8	26.7	80.0
150	164.9	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: 20.122 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion: 105 Resp: 299100

Ion Ratio Lower Upper

105 100

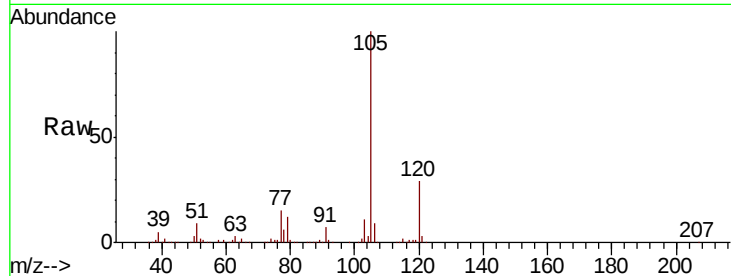
120 27.6 13.9 41.6

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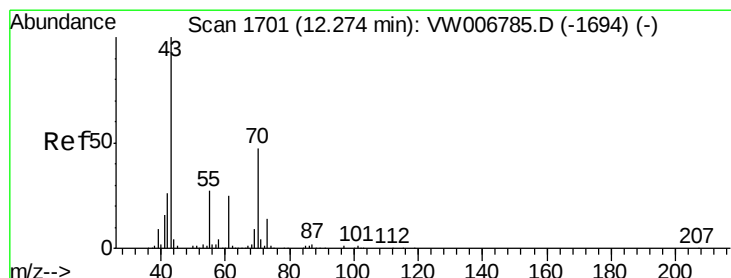
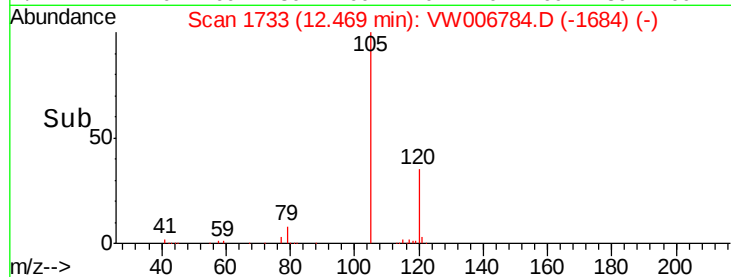
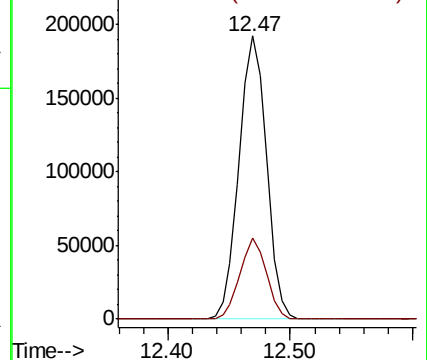
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.515 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

Tgt Ion: 43 Resp: 47556

Ion Ratio Lower Upper

43 100

70 46.0 38.3 57.5

55 27.9 22.3 33.5

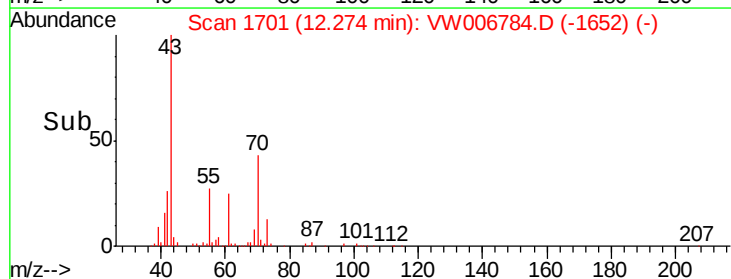
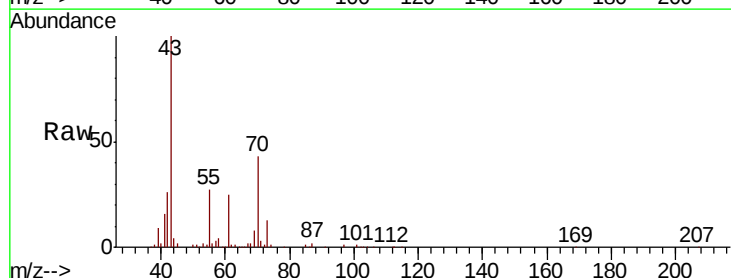
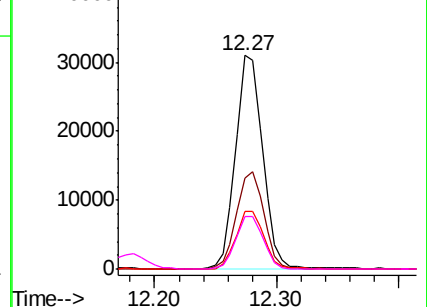
61 25.0 20.1 30.1

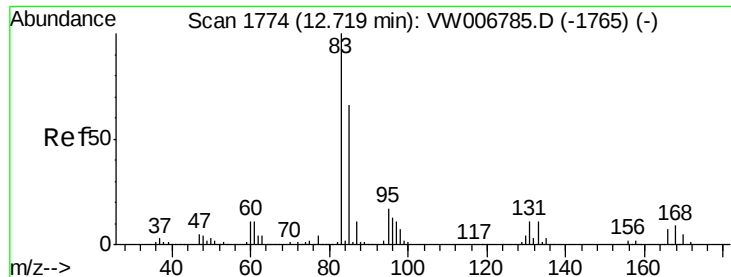
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 19.048 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

Instrument :

MSVOA_W

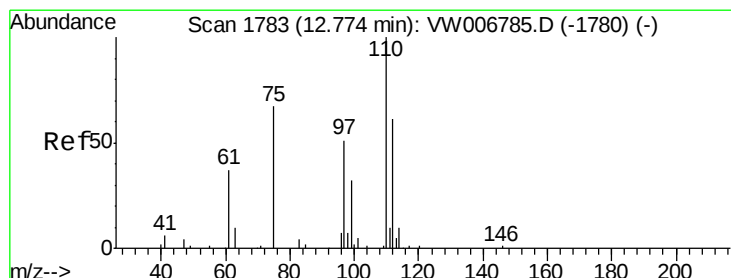
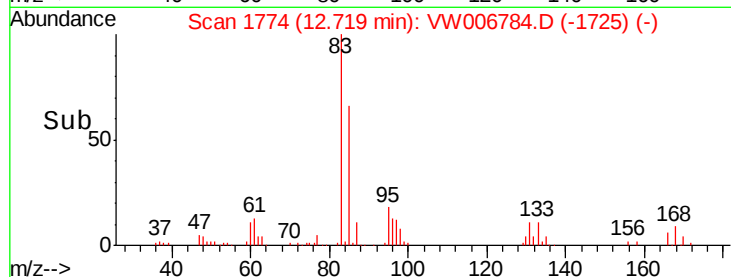
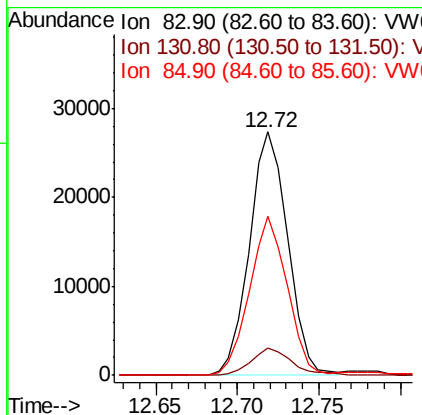
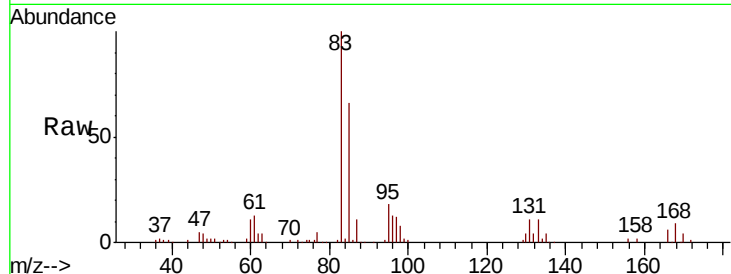
ClientSampleId :

VSTDIC020

Tot Ion:	83	Resp:	44718
Ion Ratio	Lower	Upper	
83	100		
131	11.9	6.0	18.0
85	64.5	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.628 ug/l m

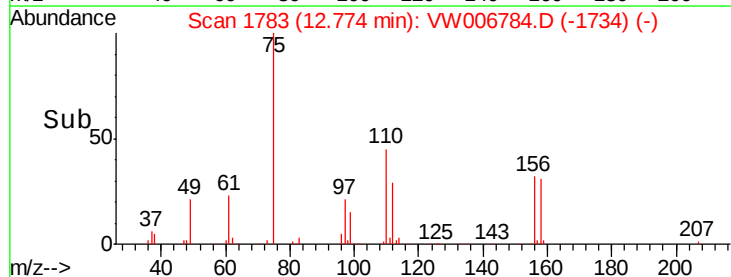
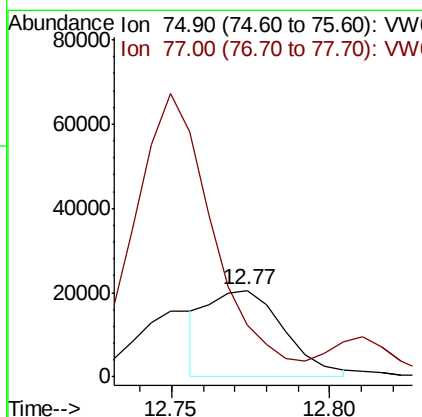
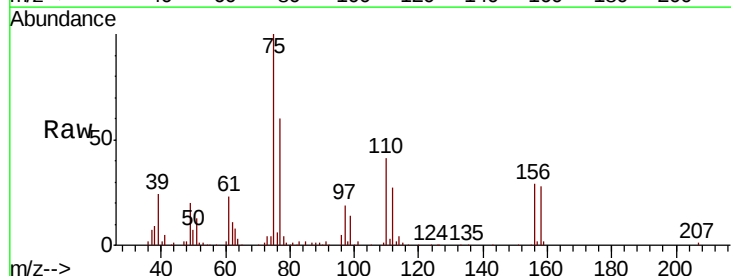
RT: 12.77 min Scan# 1783

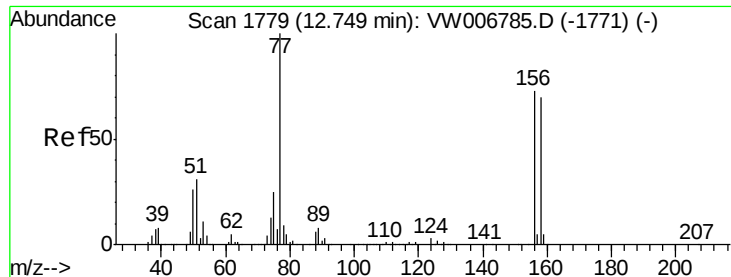
Delta R.T. 0.00 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

Tgt Ion:	75	Resp:	34555
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.379 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

Instrument :

MSVOA_W

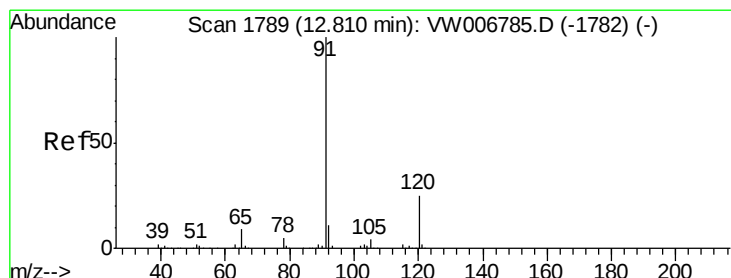
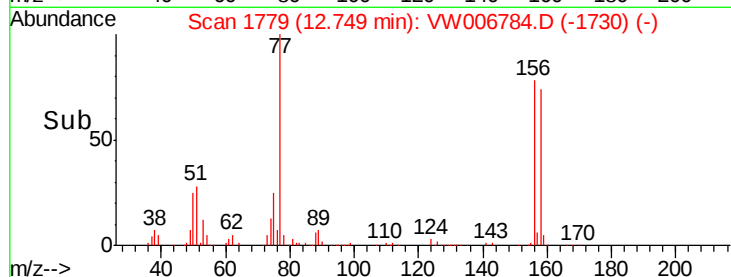
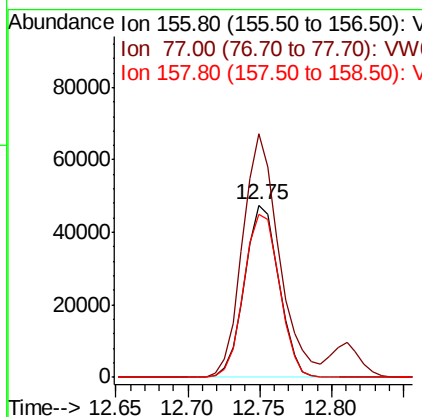
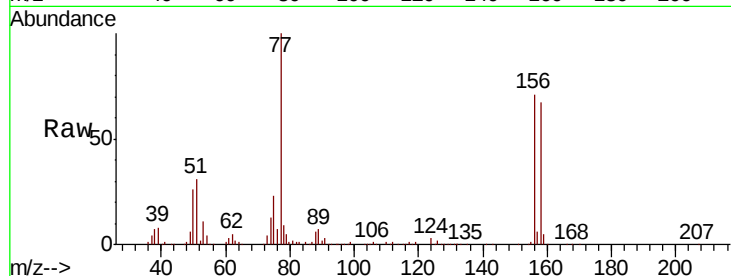
ClientSampleId :

VSTDIC020

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	151.3	75.4	226.3	
158	97.9	48.7	146.1	

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#78

n-propylbenzene

Concen: 21.128 ug/l

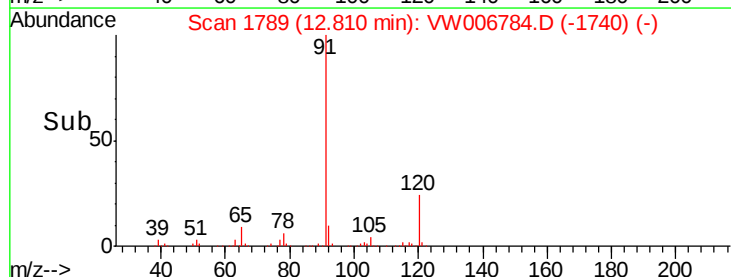
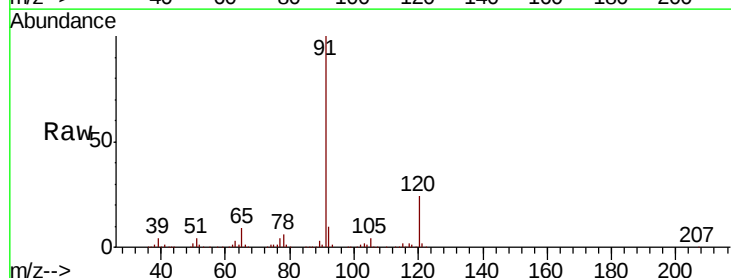
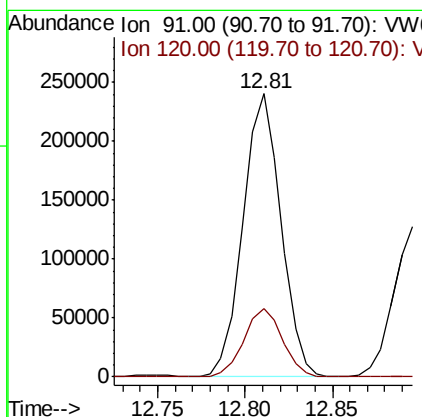
RT: 12.81 min Scan# 1789

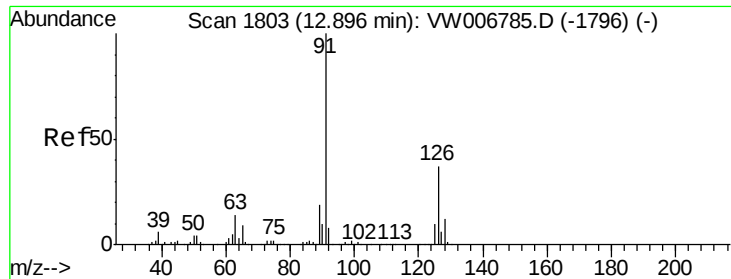
Delta R.T. 0.00 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	24.6	12.4	37.0	





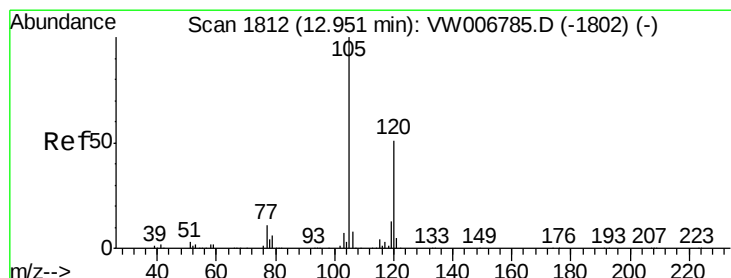
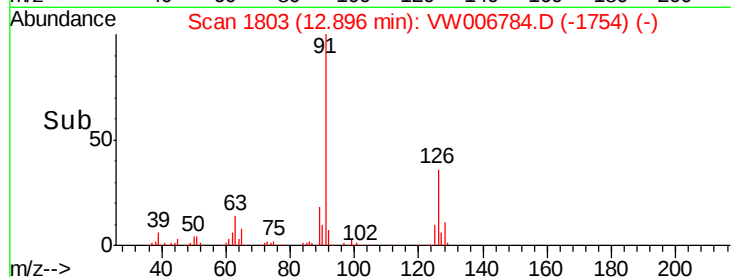
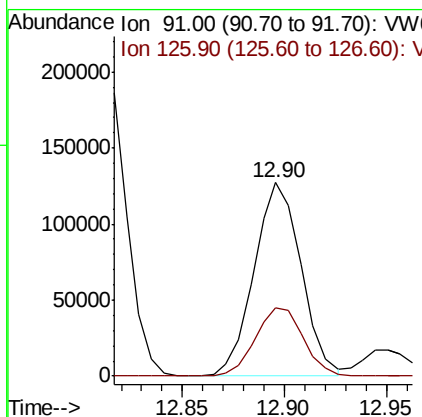
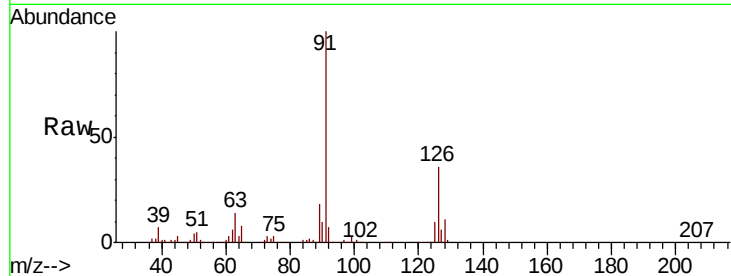
#79
 2-Chlorotoluene
 Concen: 20.734 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW006784.D
 Acq: 09 Nov 2018 13:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion: 91 Resp: 203445
 Ion Ratio Lower Upper
 91 100
 126 36.5 18.4 55.2

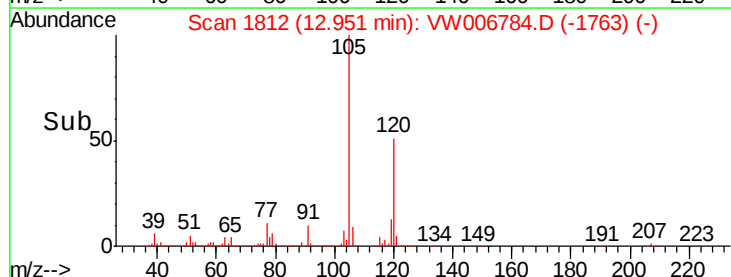
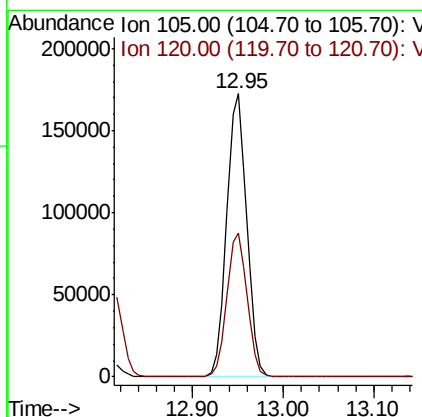
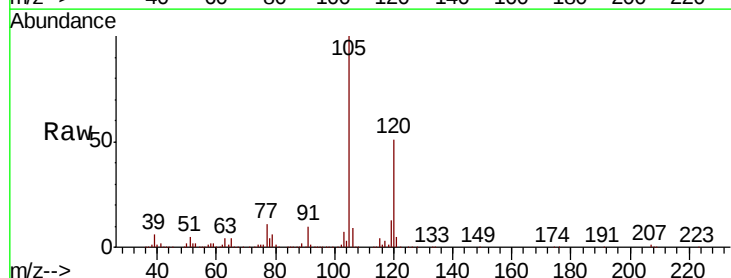
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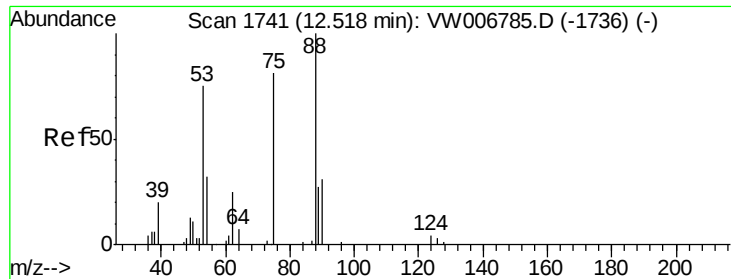
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#80
 1,3,5-Trimethylbenzene
 Concen: 21.203 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW006784.D
 Acq: 09 Nov 2018 13:07

Tgt Ion: 105 Resp: 264780
 Ion Ratio Lower Upper
 105 100
 120 51.1 25.4 76.0





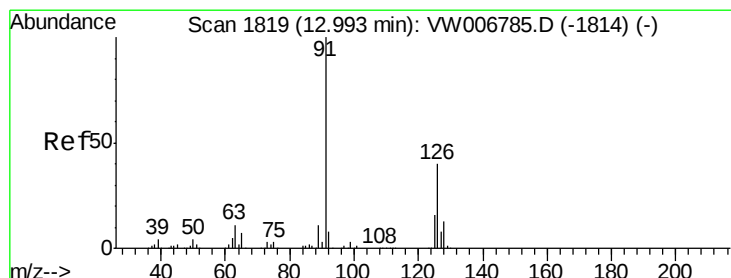
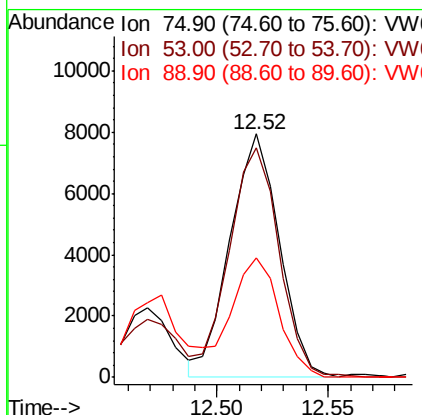
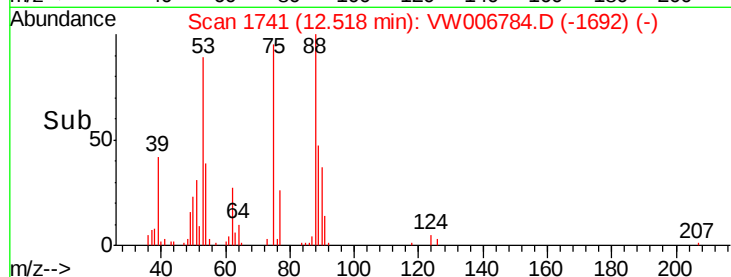
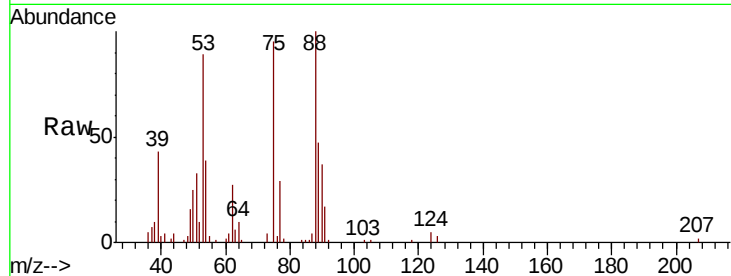
#81
trans-1,4-Dichloro-2-butene
Concen: 20.173 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.2	74.0	111.0
89	47.8	38.1	57.1

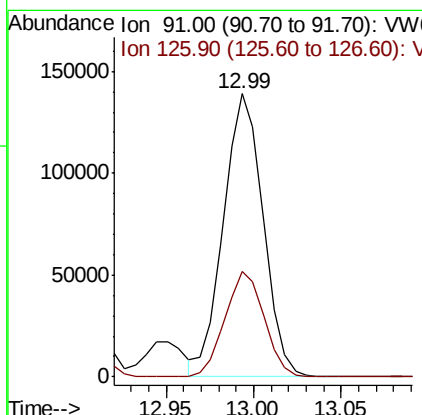
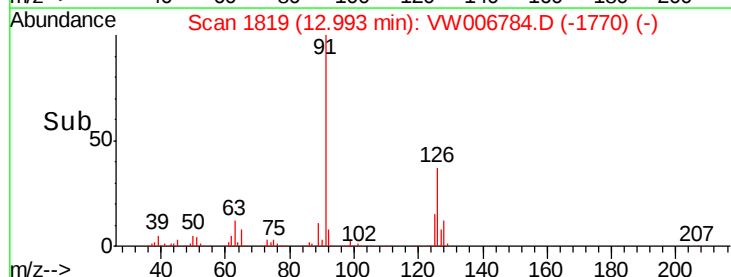
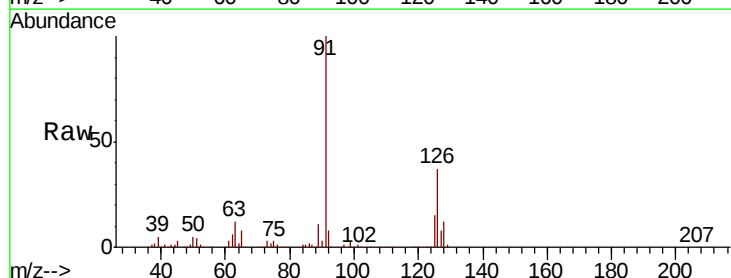
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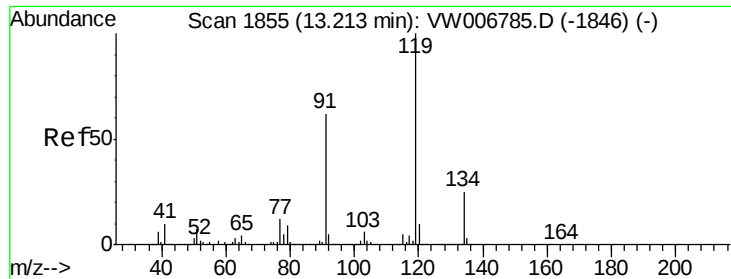
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#82
4-Chlorotoluene
Concen: 21.031 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Tgt Ion	Ratio	Lower	Upper
91	100		
126	37.0	18.6	55.6





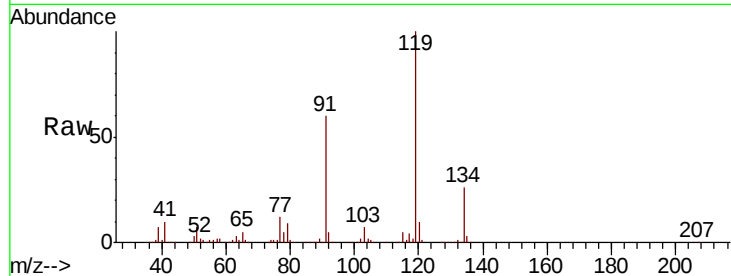
#83
tert-Butylbenzene
Concen: 20.103 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	223868		
91	61.3		30.4	91.2
134	27.7		13.6	40.7

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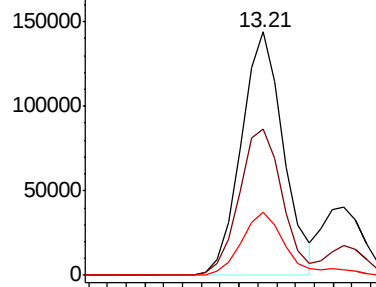


Abundance

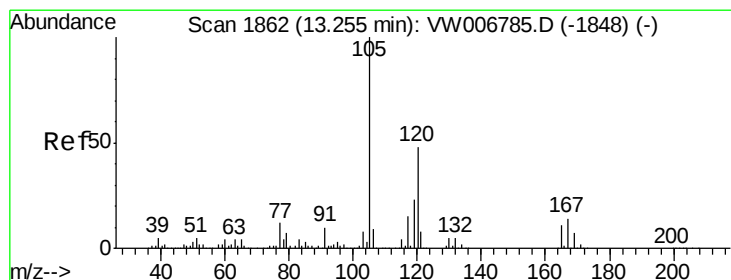
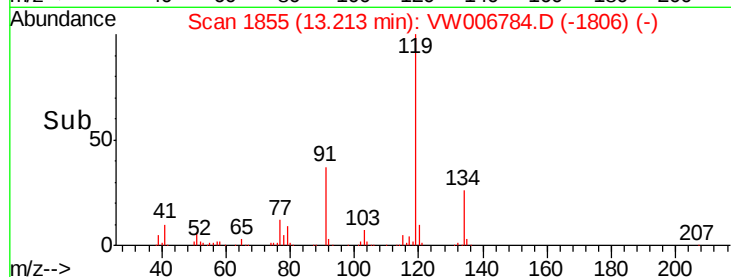
Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V

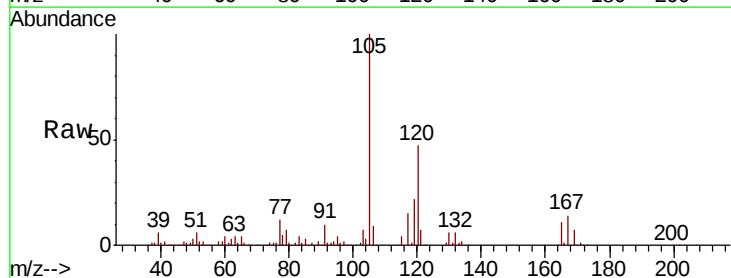


Time-->



#84
1,2,4-Trimethylbenzene
Concen: 21.421 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

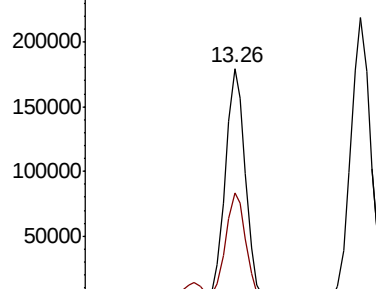
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	274371		
120	46.4		23.4	70.0



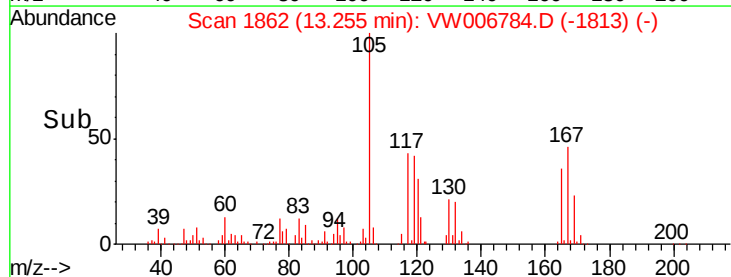
Abundance

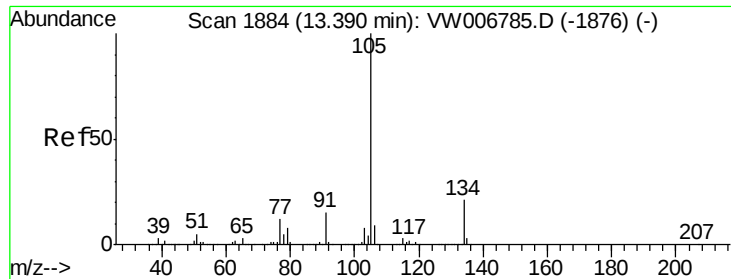
Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





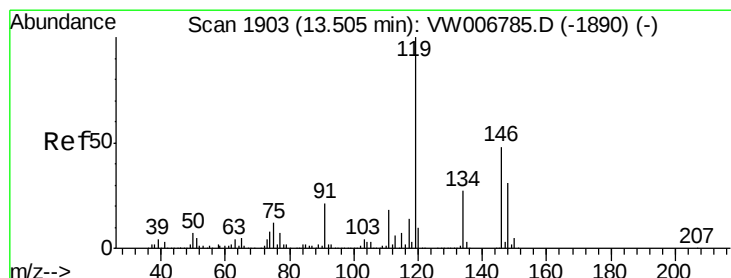
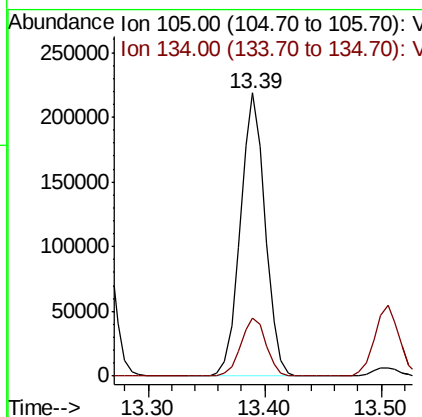
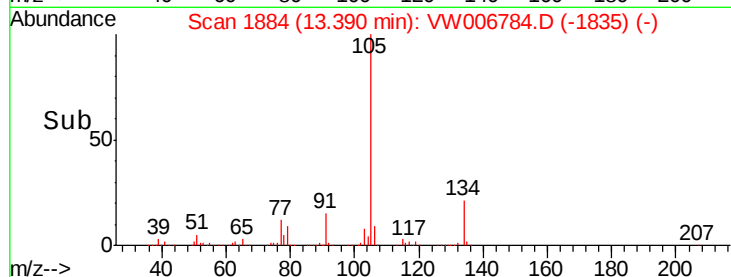
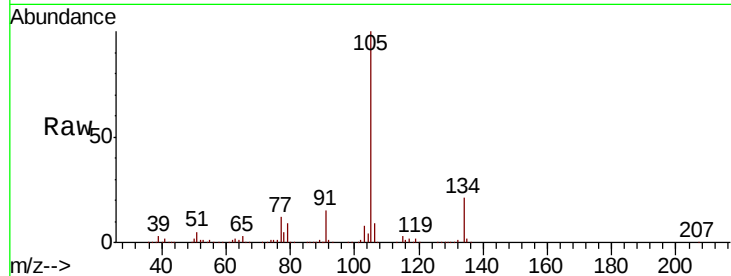
#85
 sec-Butylbenzene
 Concen: 20.760 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW006784.D
 Acq: 09 Nov 2018 13:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.1	10.7	32.1

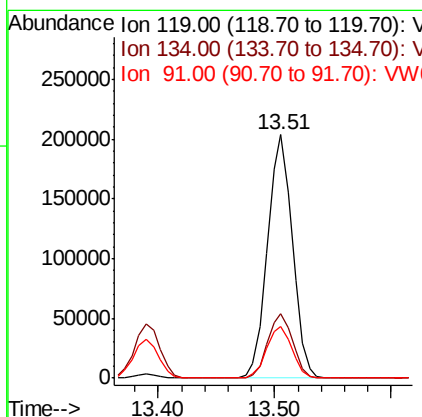
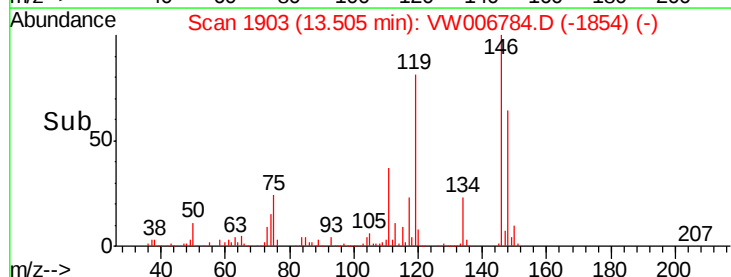
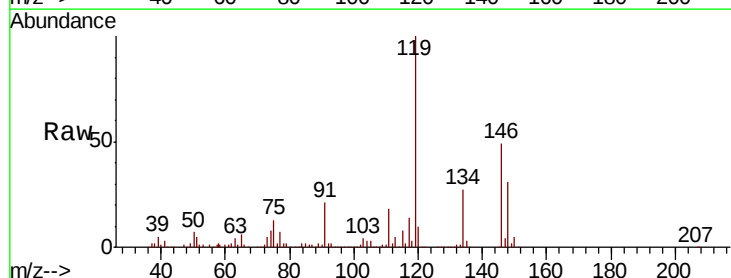
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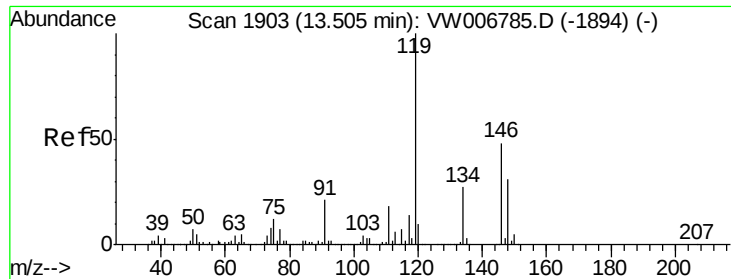
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#86
 p-Isopropyltoluene
 Concen: 21.073 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006784.D
 Acq: 09 Nov 2018 13:07

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.6	40.7
91	21.8	10.8	32.4





#87

1,3-Dichlorobenzene

Concen: 20.901 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

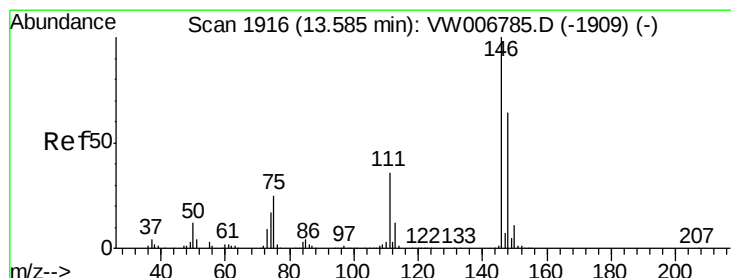
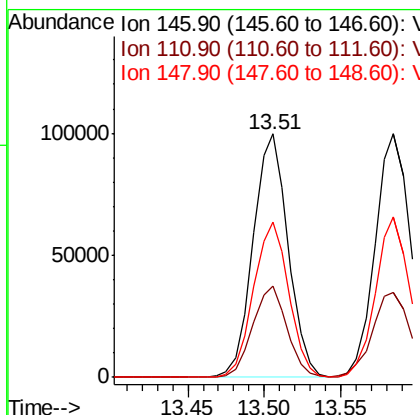
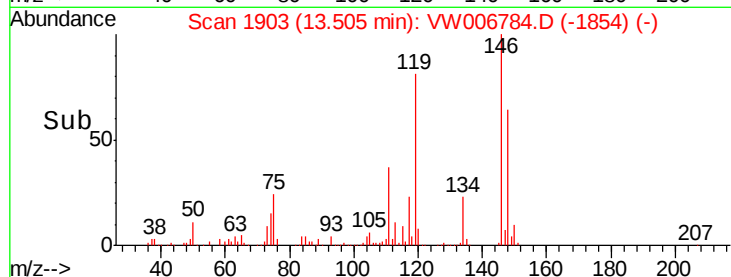
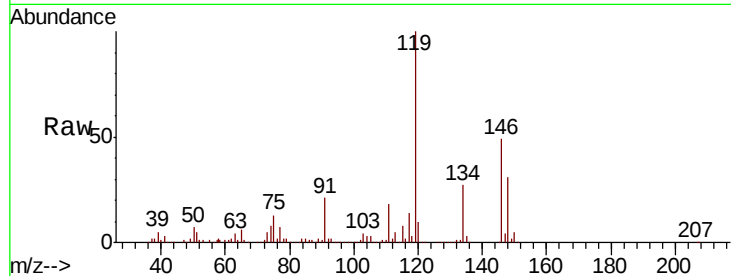
Instrument :
MSVOA_W

ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.4	55.0
148	64.1	31.9	95.9

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#88

1,4-Dichlorobenzene

Concen: 21.228 ug/l

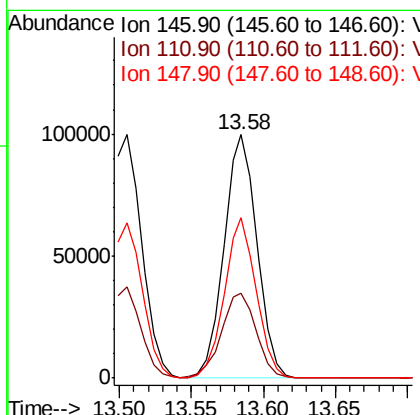
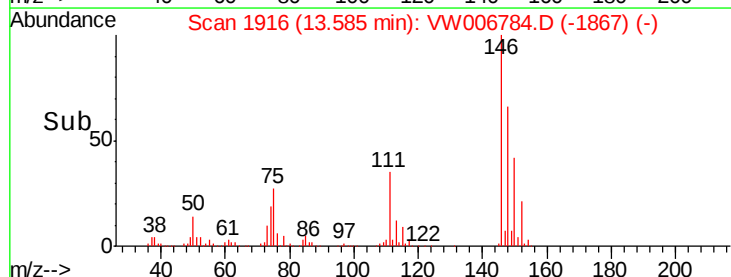
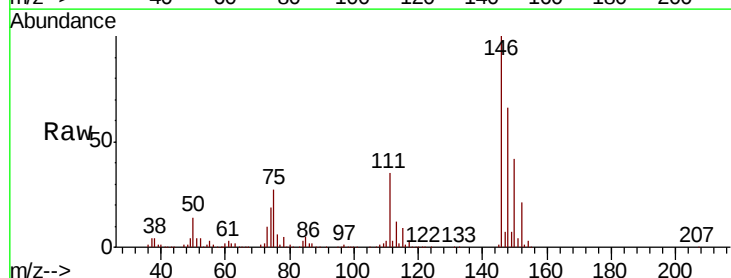
RT: 13.58 min Scan# 1916

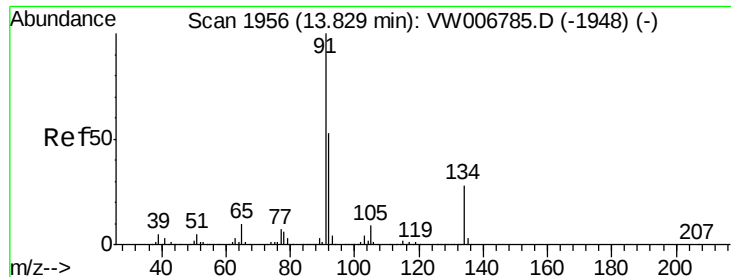
Delta R.T. 0.00 min

Lab File: VW006784.D

Acq: 09 Nov 2018 13:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.1	54.1
148	63.6	32.2	96.6





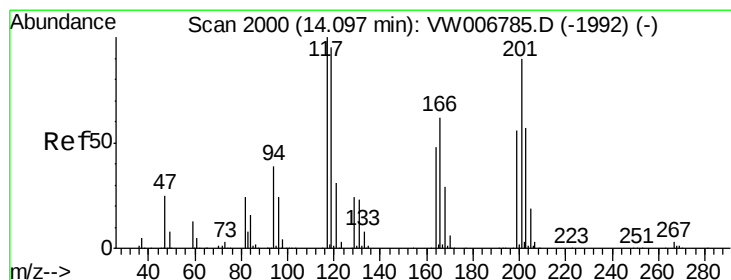
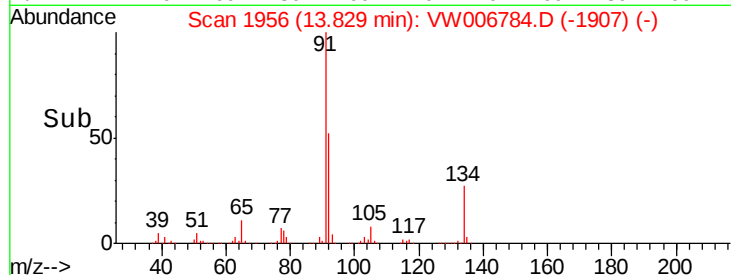
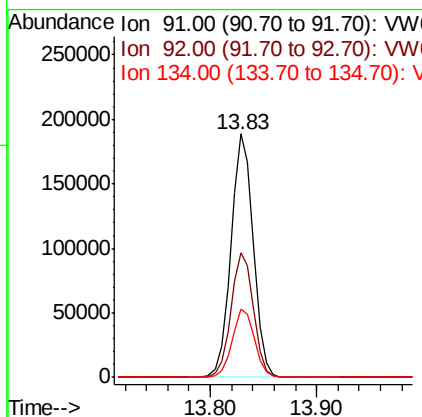
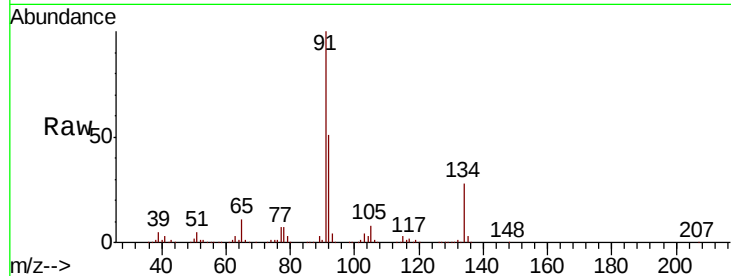
#89
n-Butylbenzene
Concen: 21.849 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.6	26.1	78.2
134	28.0	14.2	42.8

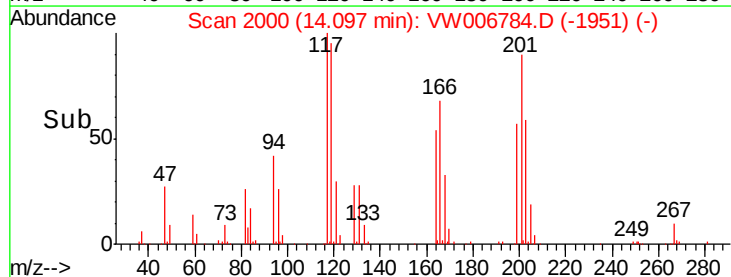
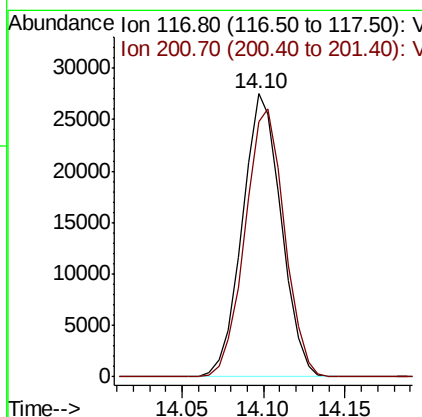
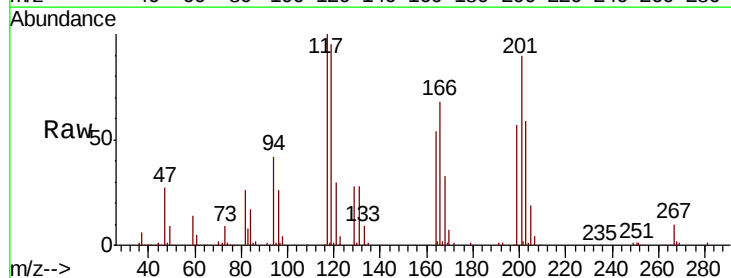
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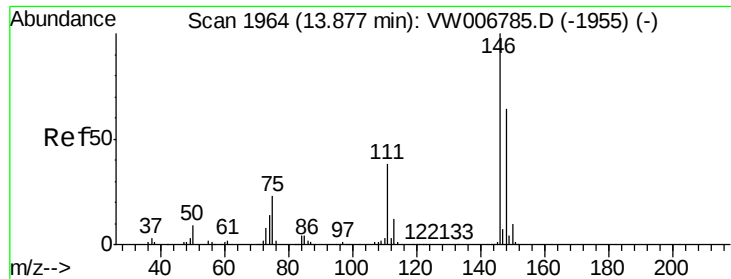
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#90
Hexachloroethane
Concen: 19.561 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.8	47.0	141.2





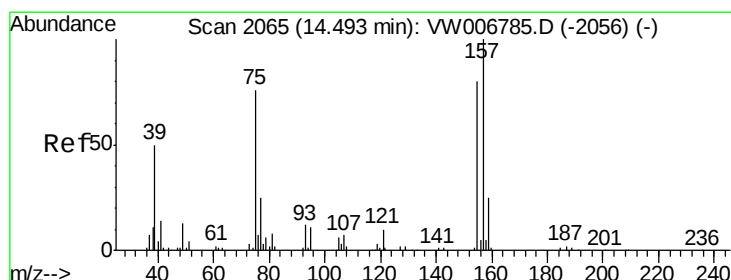
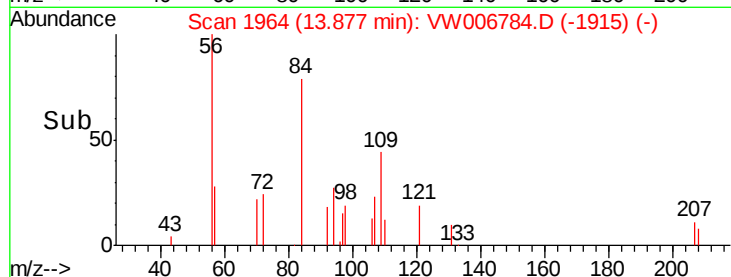
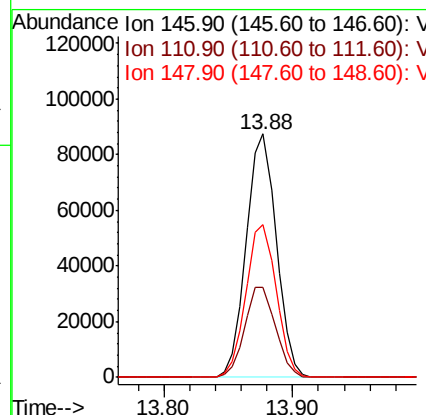
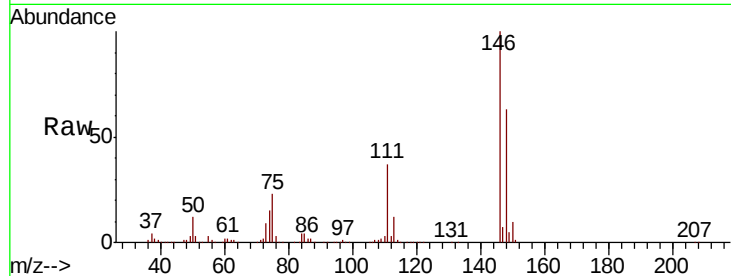
#91
 1,2-Dichlorobenzene
 Concen: 20.705 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006784.D
 Acq: 09 Nov 2018 13:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.1	57.3
148	63.3	32.0	96.2

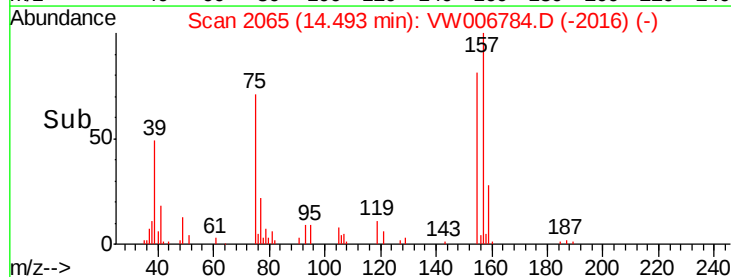
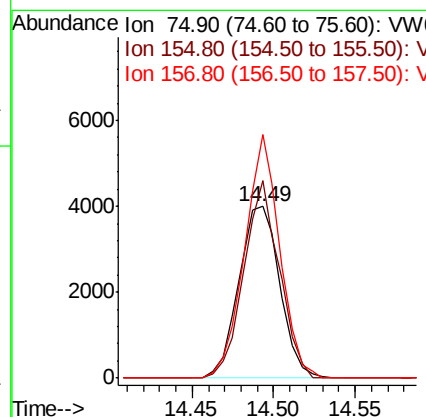
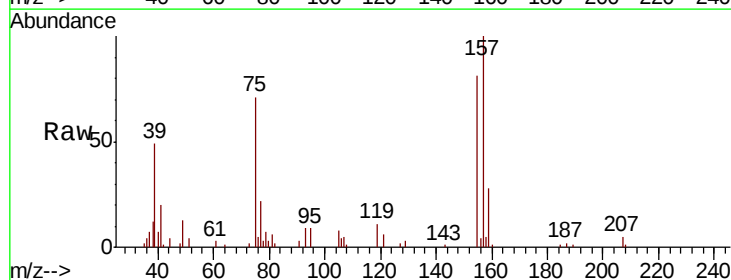
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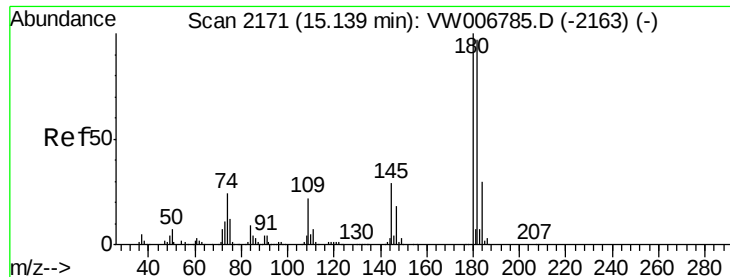
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.297 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006784.D
 Acq: 09 Nov 2018 13:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.7	51.0	153.1
157	121.8	65.5	196.5





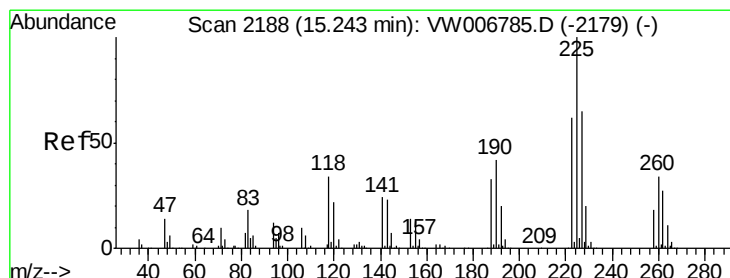
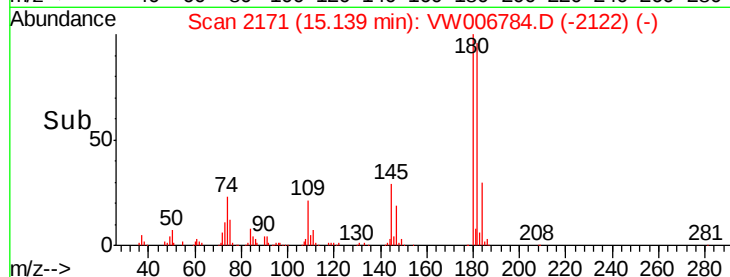
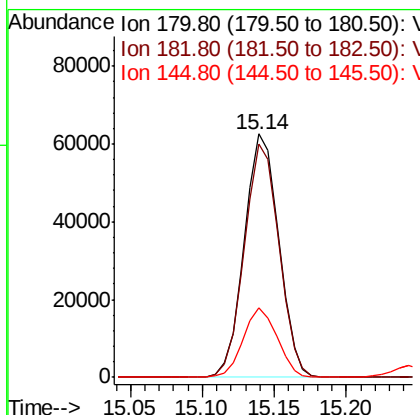
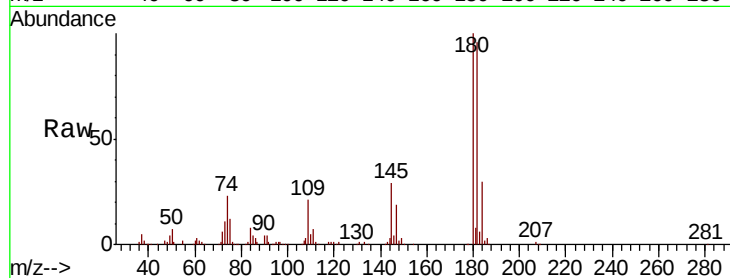
#93
 1,2,4-Trichlorobenzene
 Concen: 20.480 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW006784.D
 Acq: 09 Nov 2018 13:07

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
180	100	103820		
182	96.0	47.9	143.8	
145	28.3	14.1	42.3	

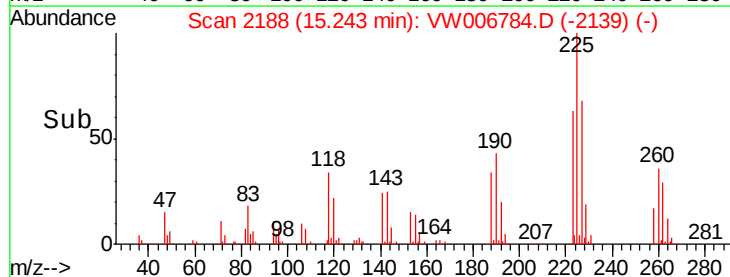
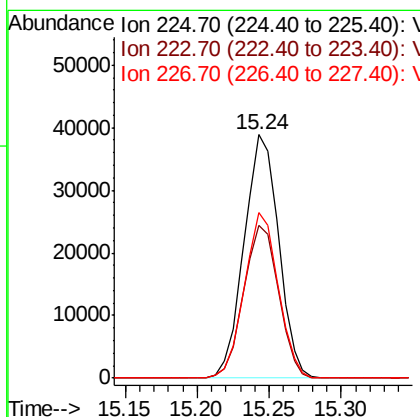
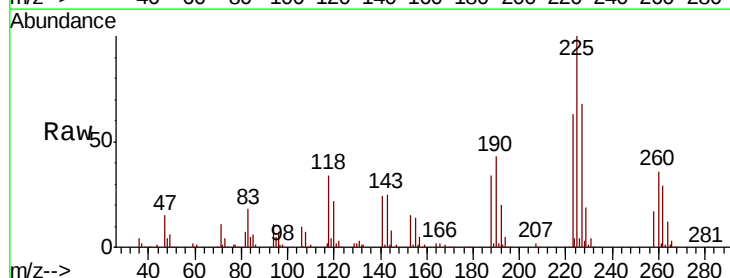
Manual Integrations
 APPROVED

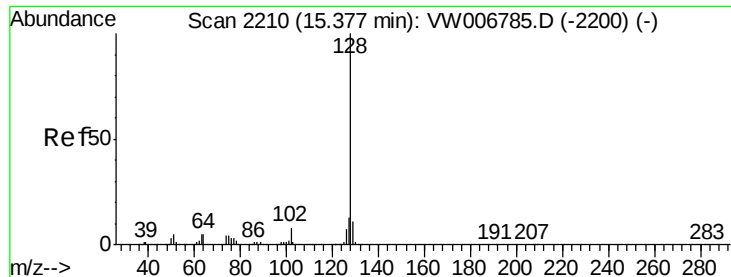
apatel
 11/12/2018 3:40:33 PM



#94
 Hexachlorobutadiene
 Concen: 20.445 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006784.D
 Acq: 09 Nov 2018 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	64595		
223	63.4	30.9	92.5	
227	66.2	31.9	95.7	





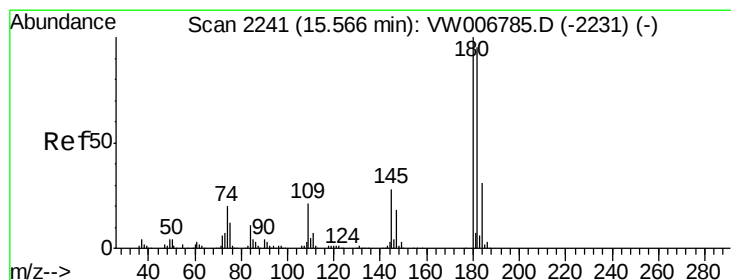
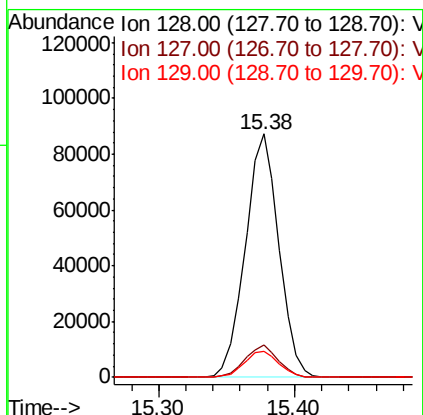
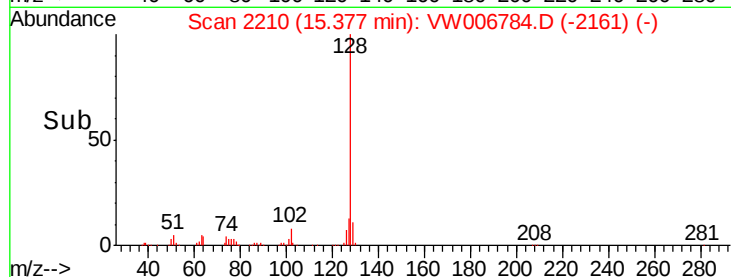
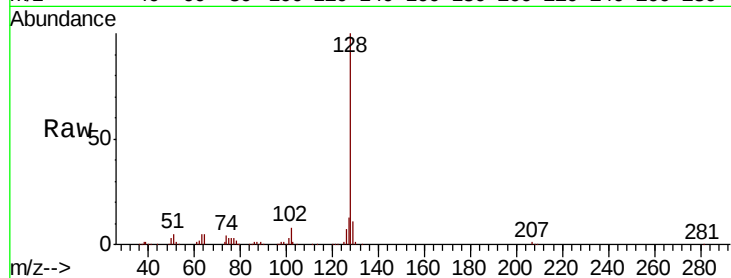
#95
Naphthalene
Concen: 18.518 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

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

Manual Integrations
APPROVED

apatel
11/12/2018 3:40:33 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.891 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006784.D
Acq: 09 Nov 2018 13:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.8	143.4
145	29.3	14.5	43.6

