

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110718\
 Data File : VW006735.D
 Acq On : 07 Nov 2018 14:49
 Operator : SY/AP
 Sample : VW1107SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1107SBS01

Manual Integrations
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 11/8/2018 11:03:23 AM

Quant Time: Nov 07 15:57:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	298084	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	410580	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	368866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	206464	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	120565	47.05	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.10%	
35) Dibromofluoromethane	7.88	113	132685	51.49	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.98%	
50) Toluene-d8	10.33	98	500676	51.04	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.08%	
62) 4-Bromofluorobenzene	12.62	95	172624	48.54	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	34603	22.393	ug/l	97
3) Chloromethane	2.22	50	41103	21.498	ug/l	94
4) Vinyl Chloride	2.37	62	61971	23.213	ug/l	98
5) Bromomethane	2.78	94	50608	22.589	ug/l	99
6) Chloroethane	2.93	64	42223	22.636	ug/l	96
7) Trichlorofluoromethane	3.26	101	56647	24.029	ug/l	98
8) Diethyl Ether	3.68	74	24321	18.873	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.06	101	59239	23.532	ug/l	100
10) Methyl Iodide	4.27	142	93669	20.521	ug/l	99
11) Tert butyl alcohol	5.21	59	14406	104.349	ug/l #	95
12) 1,1-Dichloroethene	4.04	96	53146	21.858	ug/l	95
13) Acrolein	3.90	56	13883	79.955	ug/l	94
14) Allyl chloride	4.67	41	66898	21.078	ug/l	99
15) Acrylonitrile	5.37	53	45592	98.670	ug/l	98
16) Acetone	4.14	43	52481	126.863	ug/l	99
17) Carbon Disulfide	4.37	76	153247	22.149	ug/l	100
18) Methyl Acetate	4.67	43	22289	18.737	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	70457	19.468	ug/l	99
20) Methylene Chloride	4.91	84	57447	17.551	ug/l	94
21) trans-1,2-Dichloroethene	5.43	96	58659	21.321	ug/l	96
22) Diisopropyl ether	6.32	45	138866	20.988	ug/l	99
23) Vinyl Acetate	6.26	43	367346	100.117	ug/l	99
24) 1,1-Dichloroethane	6.21	63	96729	21.571	ug/l	98
25) 2-Butanone	7.18	43	65166	110.393	ug/l	98
26) 2,2-Dichloropropane	7.16	77	66210	24.511	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	64877	21.077	ug/l	98
28) Bromochloromethane	7.51	49	35476	19.923	ug/l	99
29) Tetrahydrofuran	7.54	42	35365	95.248	ug/l	99
30) Chloroform	7.68	83	104095	21.173	ug/l	99
31) Cyclohexane	7.96	56	89249	21.868	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	93659	22.513	ug/l	99
36) 1,1-Dichloropropene	8.09	75	82745	22.917	ug/l	99
37) Ethyl Acetate	7.26	43	25992	20.773	ug/l	99
38) Carbon Tetrachloride	8.07	117	89243	23.654	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	107615	23.486	ug/l	99
40) Benzene	8.33	78	232808	22.701	ug/l	100
41) Methacrylonitrile	7.49	41	16423	21.405	ug/l	95
42) 1,2-Dichloroethane	8.40	62	61136	20.786	ug/l	99
43) Isopropyl Acetate	8.43	43	49985	20.019	ug/l	99
44) Trichloroethene	9.10	130	69160	21.853	ug/l	97
45) 1,2-Dichloropropane	9.37	63	52424	21.965	ug/l	94
46) Dibromomethane	9.46	93	28895	20.595	ug/l	100
47) Bromodichloromethane	9.65	83	70799	21.734	ug/l	99
48) Methyl methacrylate	9.44	41	23261	19.336	ug/l	97
49) 1,4-Dioxane	9.47	88	8521	415.004	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	126980	99.022	ug/l	98
52) Toluene	10.39	92	150493	21.878	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	66907	21.341	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	78862	21.286	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	41901	21.049	ug/l	99
56) Ethyl methacrylate	10.65	69	41854	18.499	ug/l	96
57) 1,3-Dichloropropane	10.94	76	67204	20.791	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	109451	99.516	ug/l	99
59) 2-Hexanone	10.98	43	94275	108.244	ug/l	98
60) Dibromochloromethane	11.13	129	48957	20.758	ug/l	98
61) 1,2-Dibromoethane	11.24	107	39641	20.053	ug/l	97
64) Tetrachloroethene	10.87	164	62461	21.242	ug/l	97
65) Chlorobenzene	11.66	112	172738	22.254	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	58888	21.585	ug/l	99
67) Ethyl Benzene	11.74	91	293420	22.616	ug/l	97
68) m/p-Xylenes	11.84	106	233074	44.966	ug/l	100
69) o-Xylene	12.17	106	107517	21.788	ug/l	99
70) Styrene	12.19	104	172619	21.456	ug/l	99
71) Bromoform	12.35	173	29839	20.633	ug/l #	99
73) Isopropylbenzene	12.47	105	304764	22.408	ug/l	100
74) N-amyl acetate	12.28	43	46543	19.803	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	45428	21.148	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	30421m	18.885	ug/l	
77) Bromobenzene	12.75	156	75705	21.498	ug/l	98
78) n-propylbenzene	12.81	91	358627	22.924	ug/l	99
79) 2-Chlorotoluene	12.90	91	199403	22.210	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	258920	22.660	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	11741	20.532	ug/l	96
82) 4-Chlorotoluene	12.99	91	211936	22.313	ug/l	99
83) tert-Butylbenzene	13.21	119	230385	22.609	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	260643	22.239	ug/l	99
85) sec-Butylbenzene	13.39	105	329789	23.108	ug/l	100
86) p-Isopropyltoluene	13.51	119	296148	22.806	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	154812	22.323	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	154997	22.547	ug/l	99
89) n-Butylbenzene	13.83	91	276085	23.951	ug/l	98
90) Hexachloroethane	14.10	117	47746	22.371	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	135556	21.730	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6930	19.882	ug/l	96

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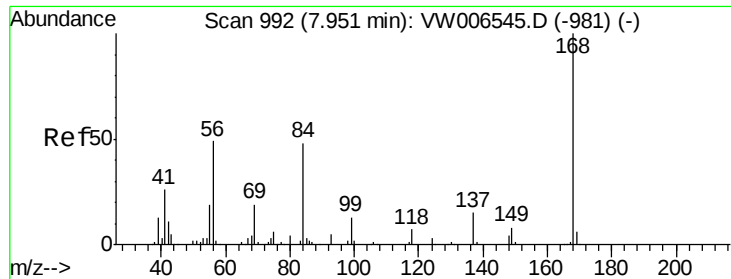
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	101057	21.786	ug/l	100
94) Hexachlorobutadiene	15.25	225	68020	23.529	ug/l	99
95) Naphthalene	15.38	128	146595	19.664	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	87385	21.435	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006735.D

Acq: 07 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

VW1107SBSD01

Tot Ion:168 Resp: 298084

Ion Ratio Lower Upper

168 100

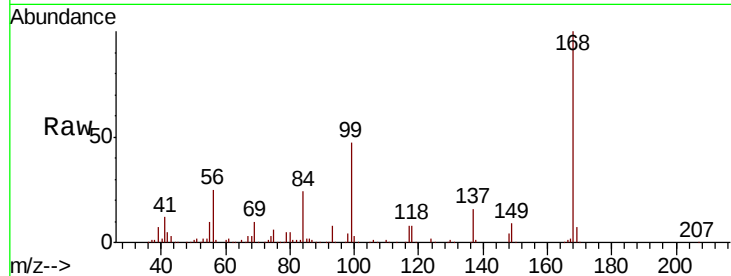
99 47.1 37.4 56.0

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

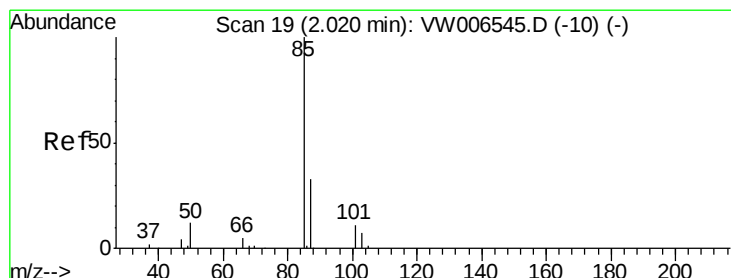
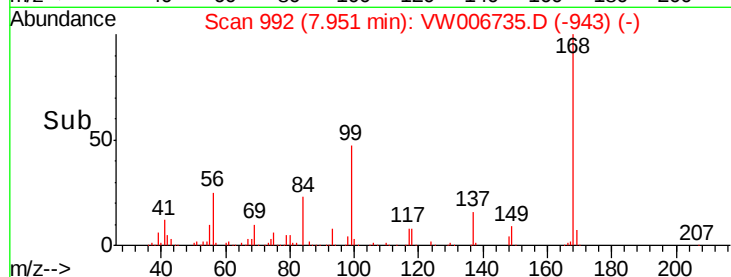
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50000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 22.393 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.01 min

Lab File: VW006735.D

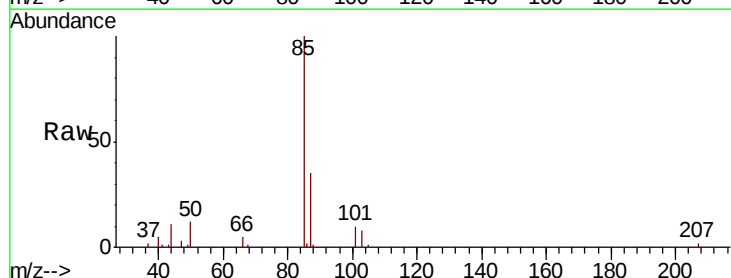
Acq: 07 Nov 2018 14:49

Tgt Ion: 85 Resp: 34603

Ion Ratio Lower Upper

85 100

87 35.0 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

10000

8000

6000

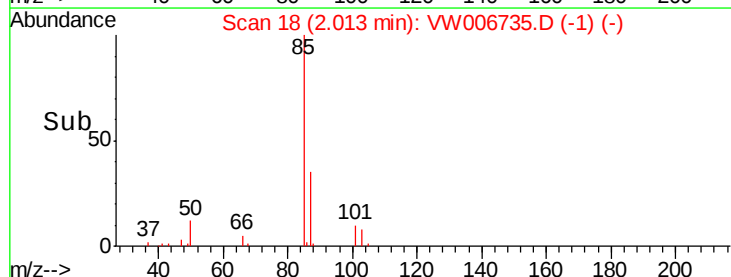
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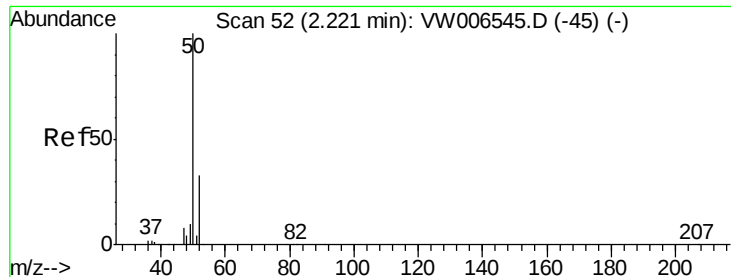
2000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 21.498 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.00 min

Lab File: VW006735.D

Acq: 07 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

VW1107SBSD01

Tot Ion: 50 Resp: 41103

Ion Ratio Lower Upper

50 100

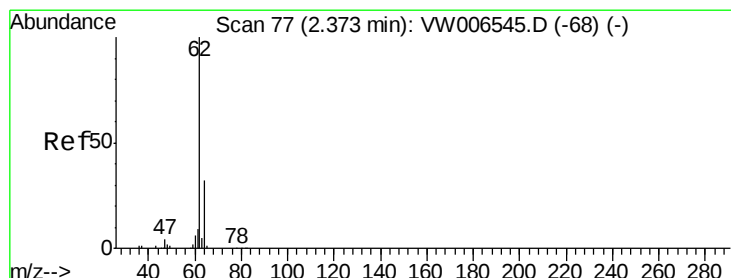
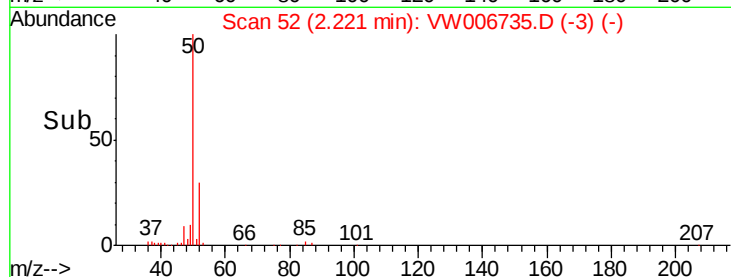
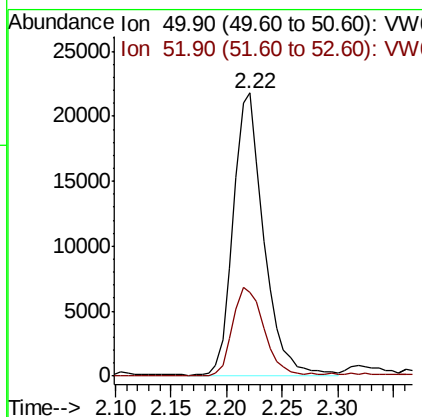
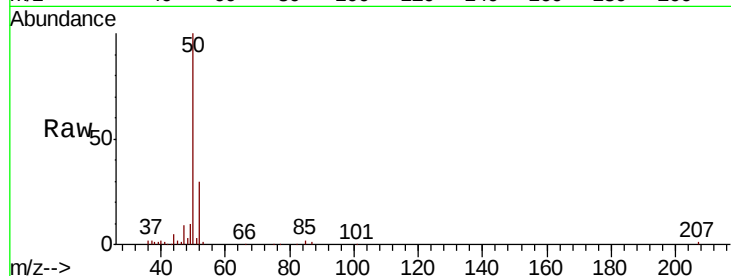
52 29.7 26.2 39.4

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#4

Vinyl Chloride

Concen: 23.213 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.00 min

Lab File: VW006735.D

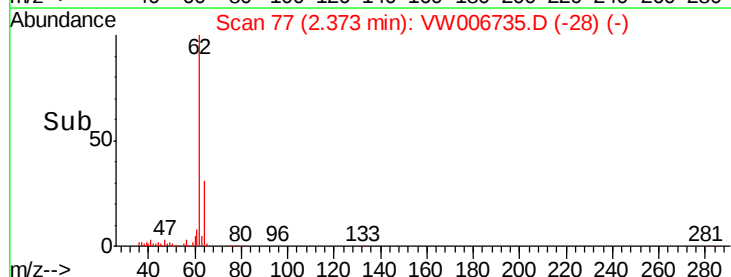
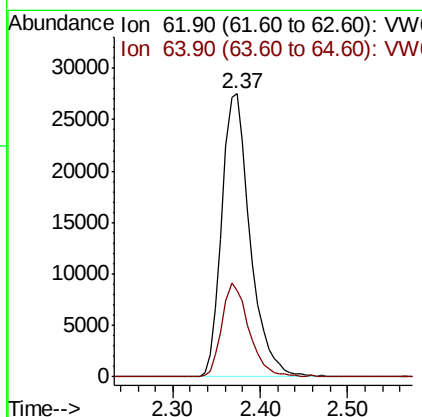
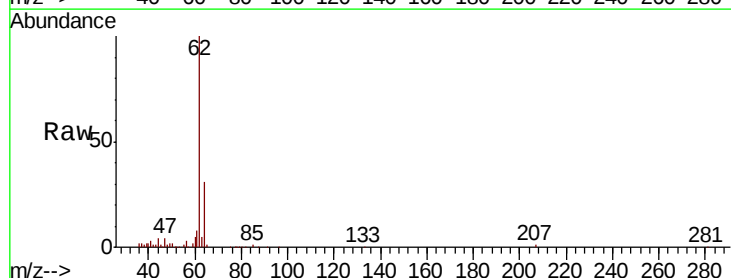
Acq: 07 Nov 2018 14:49

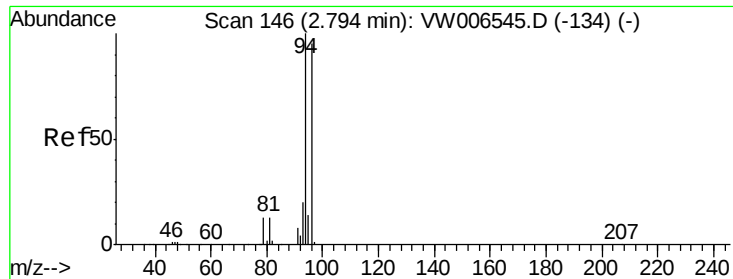
Tgt Ion: 62 Resp: 61971

Ion Ratio Lower Upper

62 100

64 30.7 25.4 38.0





#5

Bromomethane

Concen: 22.589 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW006735.D

Acq: 07 Nov 2018 14:49

Instrument :

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ClientSampleId :

VW1107SBSD01

Tot Ion: 94 Resp: 50608

Ion Ratio Lower Upper

94 100

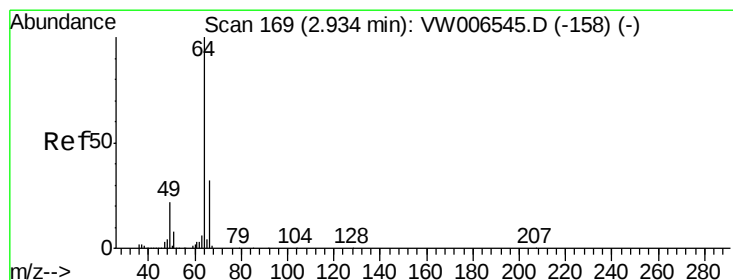
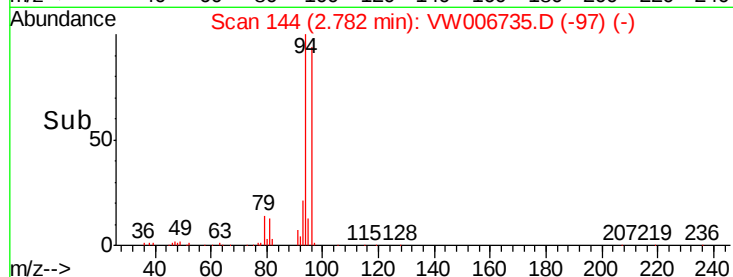
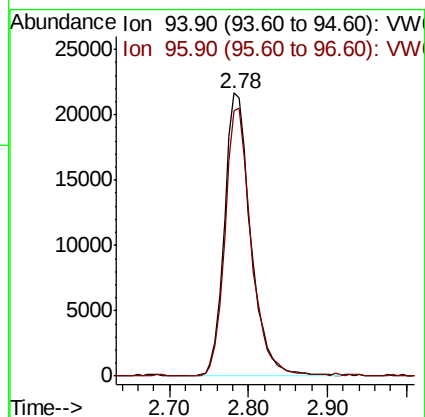
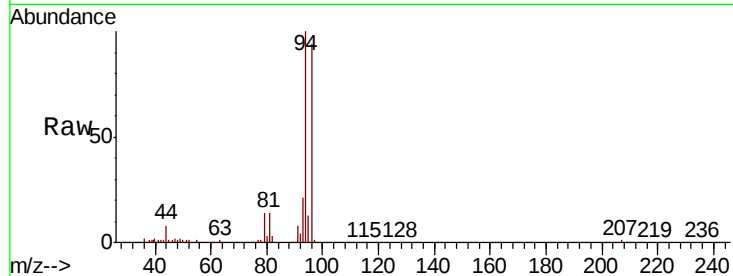
96 93.4 75.7 113.5

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#6

Chloroethane

Concen: 22.636 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.00 min

Lab File: VW006735.D

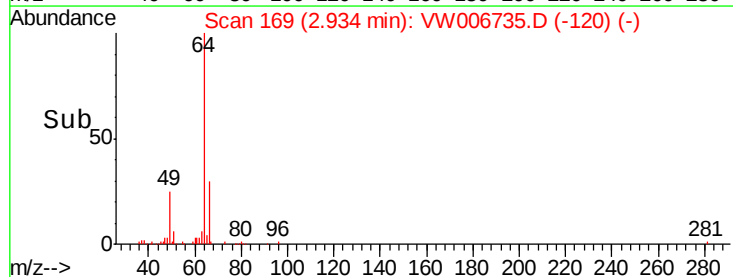
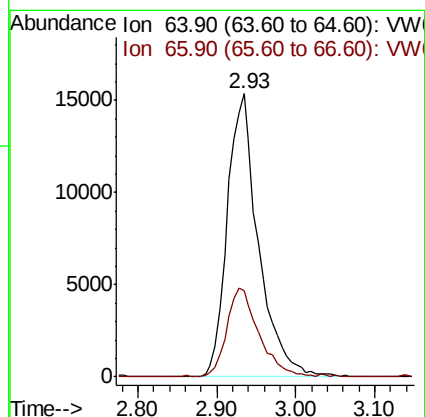
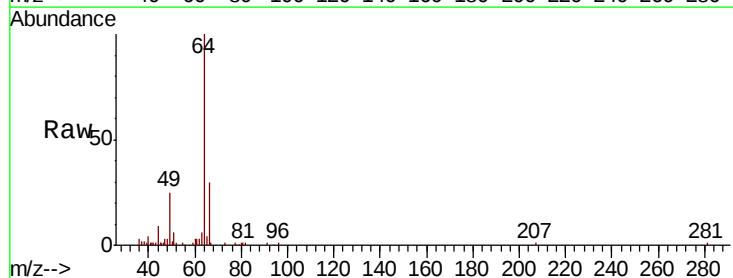
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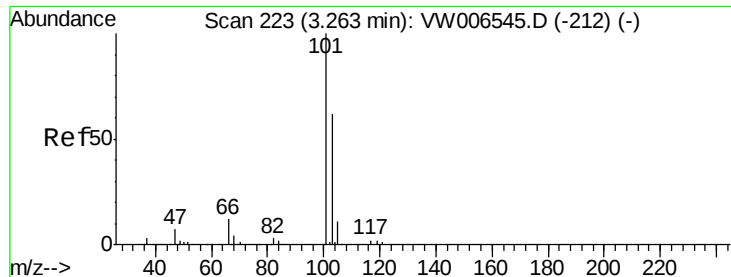
Tgt Ion: 64 Resp: 42223

Ion Ratio Lower Upper

64 100

66 30.4 25.9 38.9





#7

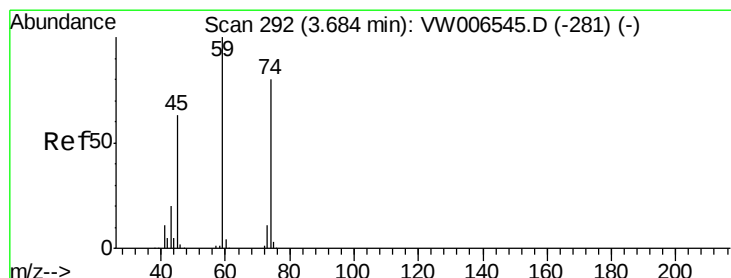
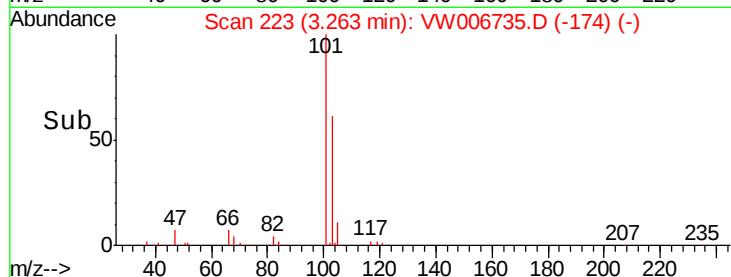
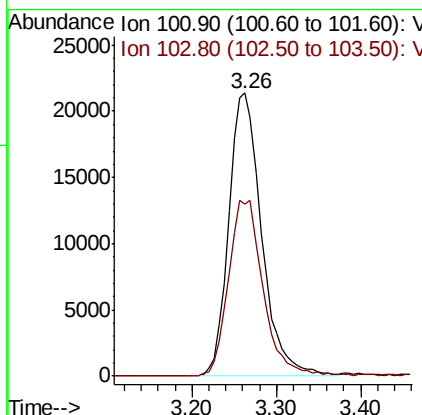
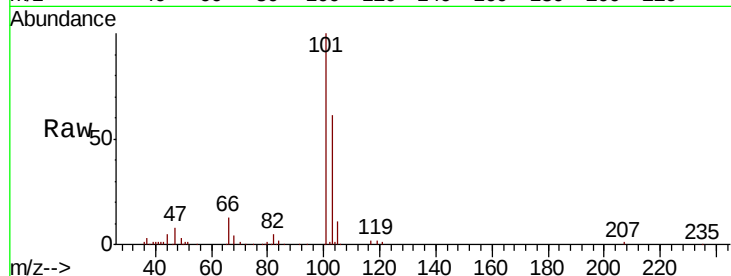
Trichlorofluoromethane
 Concen: 24.029 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW006735.D
 Acq: 07 Nov 2018 14:49

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 ClientSampleId :
 VW1107SBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	60.9	49.8	74.8

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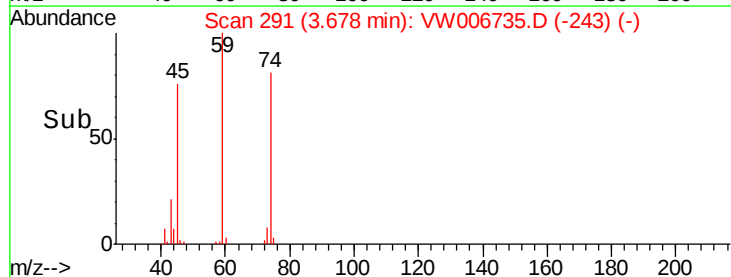
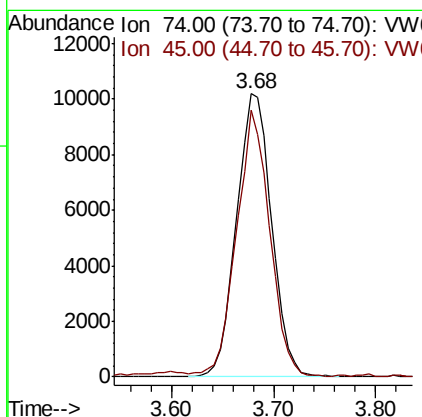
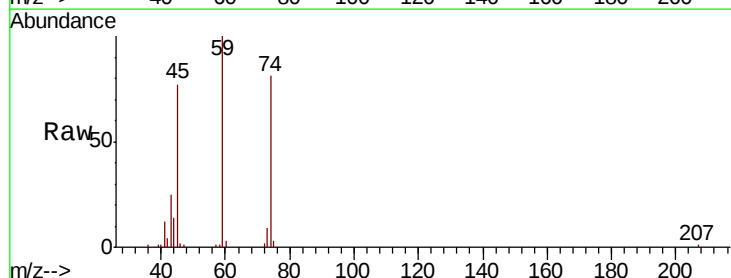
apatel
 11/8/2018 11:03:23 AM

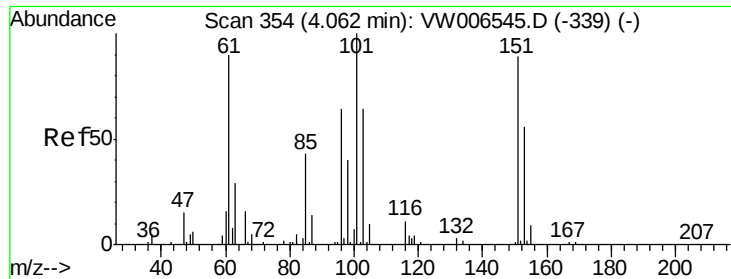


#8

Diethyl Ether
 Concen: 18.873 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006735.D
 Acq: 07 Nov 2018 14:49

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.4	41.1	123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.532 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW006735.D

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MSVOA_W

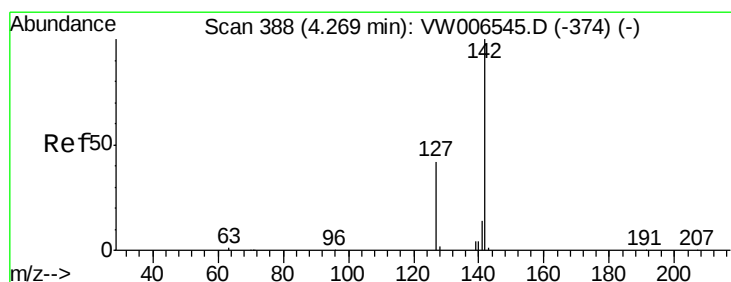
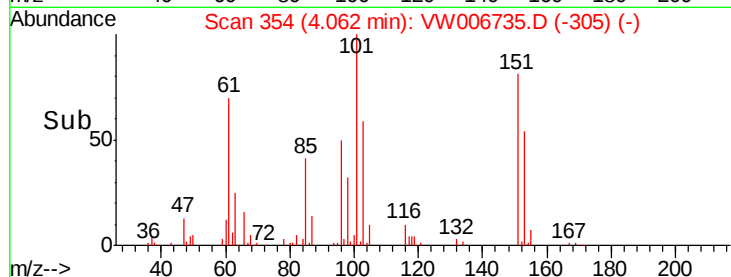
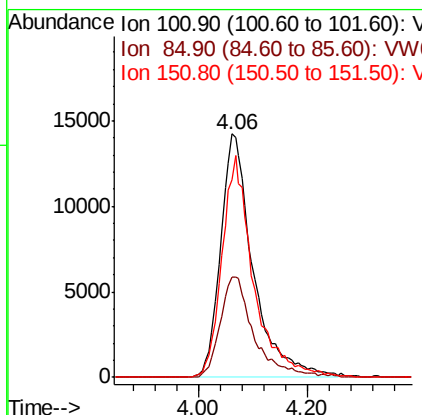
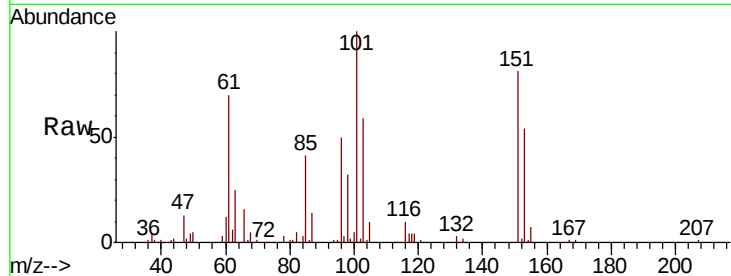
ClientSampleId :

VW1107SBS01

Tot Ion:	101	Resp:	59239
Ion Ratio	Lower	Upper	
101	100		
85	42.6	34.2	51.2
151	88.5	70.7	106.1

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#10

Methyl Iodide

Concen: 20.521 ug/l

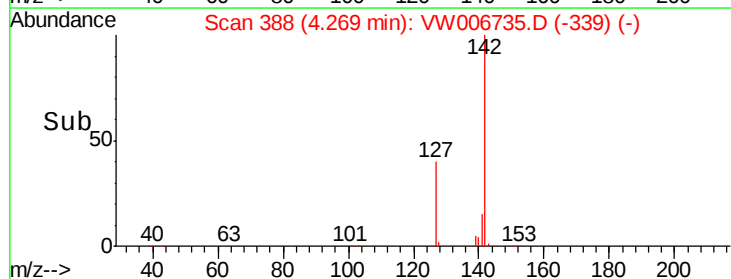
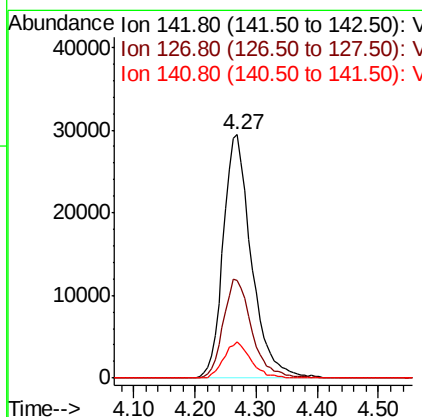
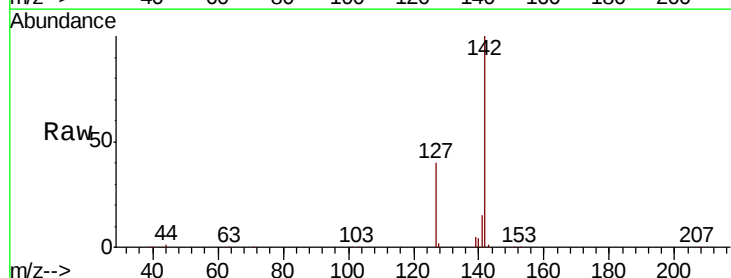
RT: 4.27 min Scan# 388

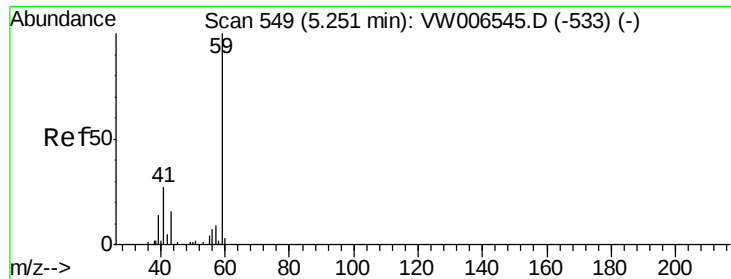
Delta R.T. 0.00 min

Lab File: VW006735.D

Acq: 07 Nov 2018 14:49

Tgt Ion:	142	Resp:	93669
Ion Ratio	Lower	Upper	
142	100		
127	41.2	32.3	48.5
141	14.2	11.3	16.9





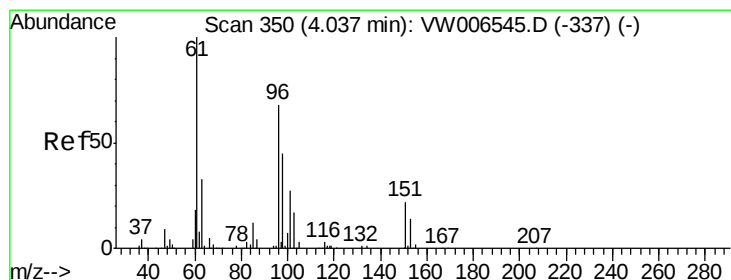
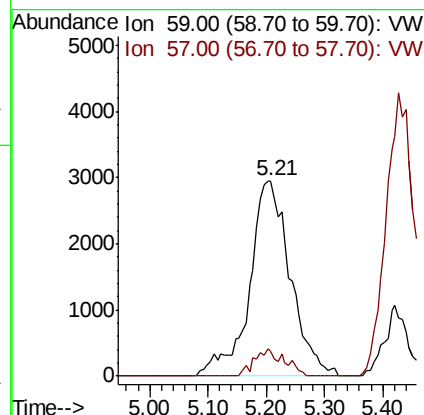
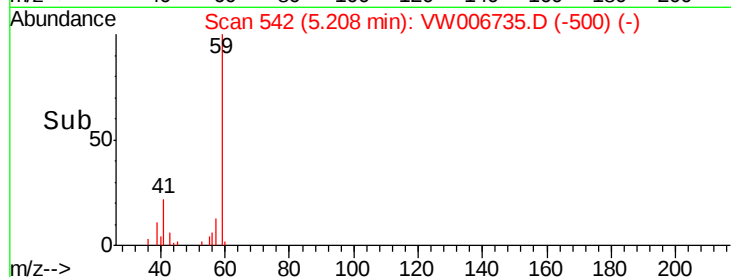
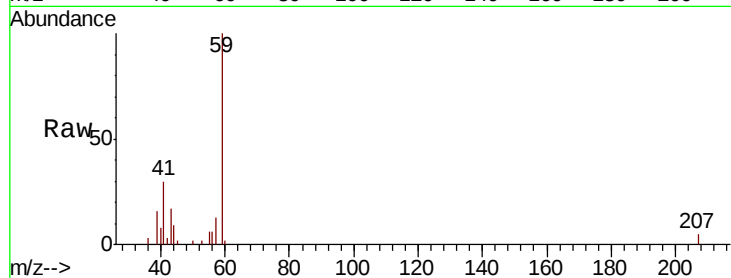
#11
Tert butyl alcohol
Concen: 104.349 ug/l
RT: 5.21 min Scan# 542
Delta R.T. -0.04 min
Lab File: VW006735.D
Acq: 07 Nov 2018 14:49

Instrument :
MSVOA_W
ClientSampleId :
VW1107SBS01

Tot Ion: 59 Resp: 14406
Ion Ratio Lower Upper
59 100
57 7.1 4.3 6.5#

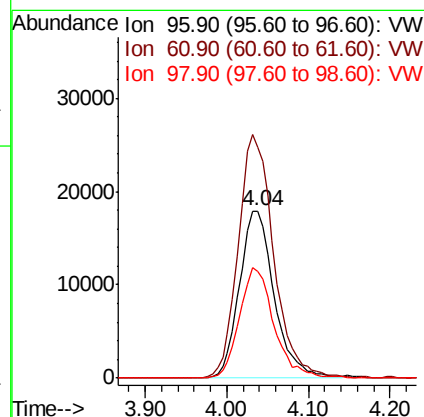
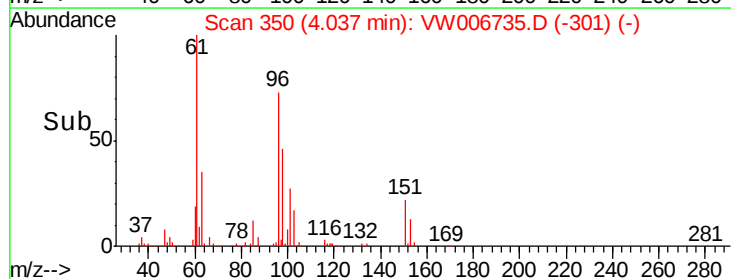
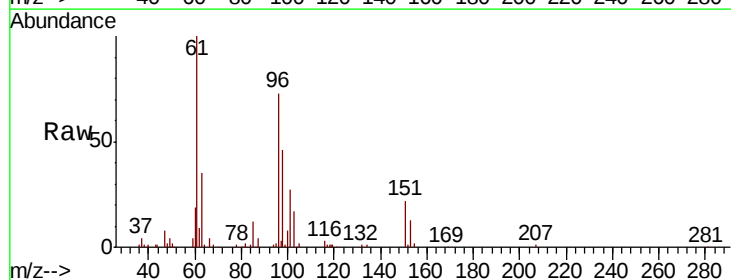
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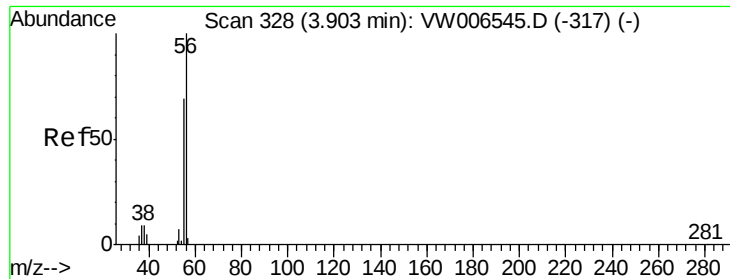
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#12
1,1-Dichloroethene
Concen: 21.858 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW006735.D
Acq: 07 Nov 2018 14:49

Tgt Ion: 96 Resp: 53146
Ion Ratio Lower Upper
96 100
61 137.5 117.0 175.4
98 63.8 52.5 78.7





#13

Acrolein

Concen: 79.955 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006735.D

Acq: 07 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

VW1107SBS01

Tot Ion: 56 Resp: 13883

Ion Ratio Lower Upper

56 100

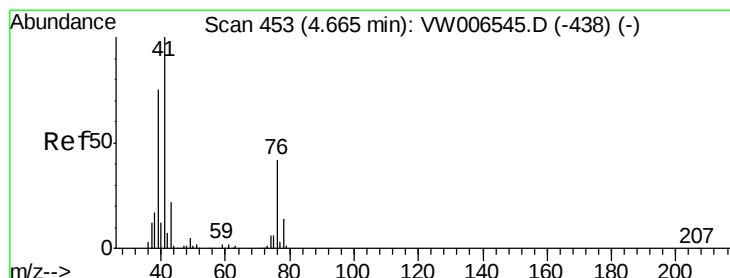
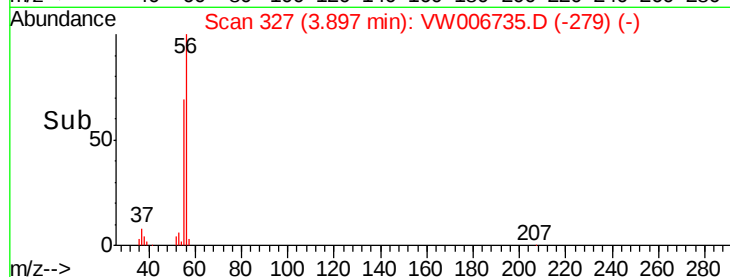
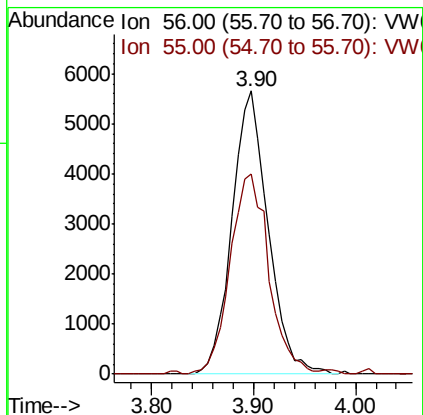
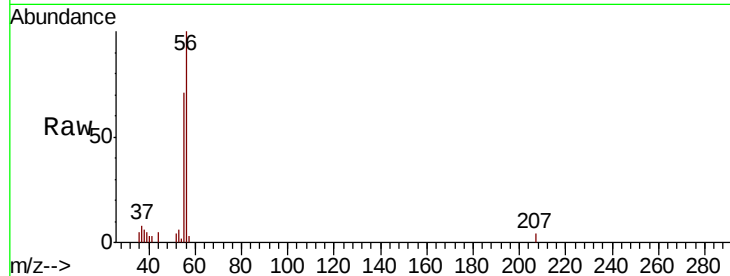
55 76.0 56.9 85.3

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#14

Allyl chloride

Concen: 21.078 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW006735.D

Acq: 07 Nov 2018 14:49

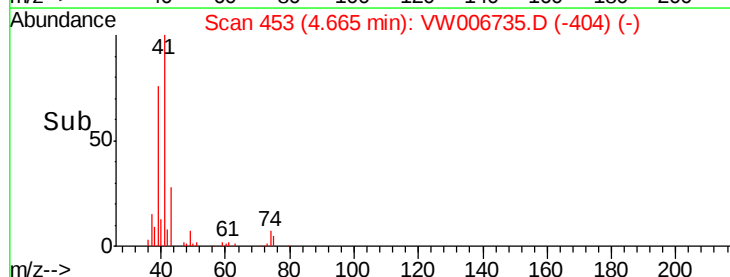
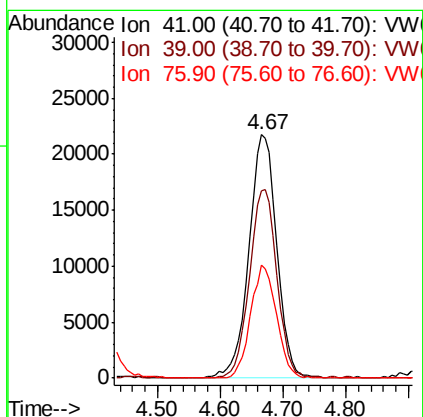
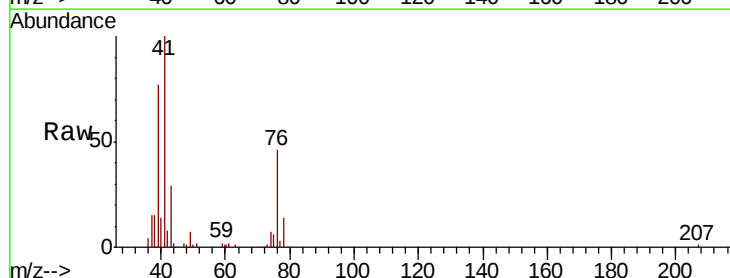
Tgt Ion: 41 Resp: 66898

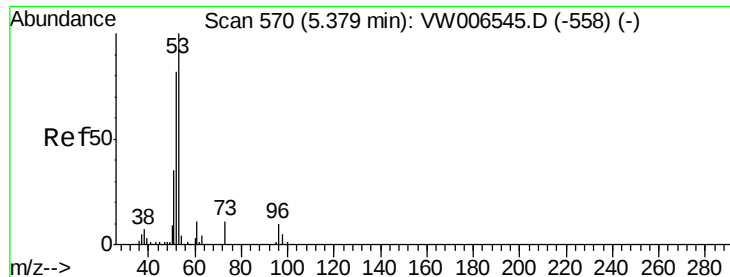
Ion Ratio Lower Upper

41 100

39 76.3 62.1 93.1

76 42.9 34.2 51.2





#15

Acrylonitrile

Concen: 98.670 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW006735.D

Acq: 07 Nov 2018 14:49

Instrument :

MSVOA_W

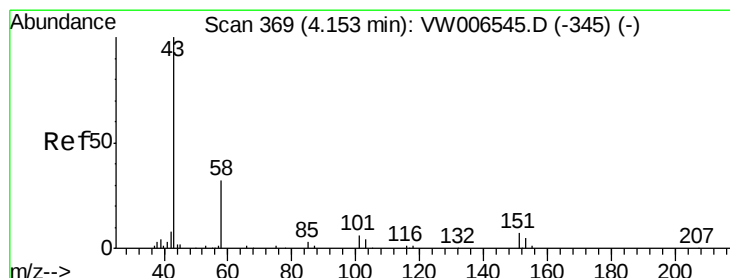
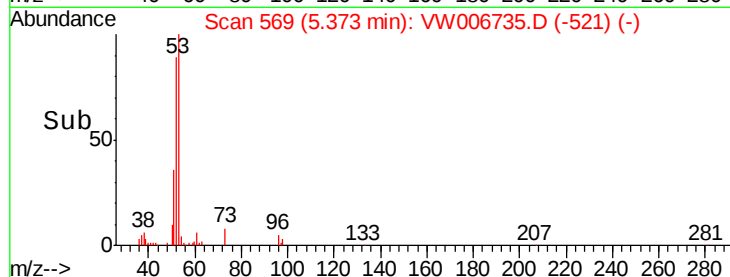
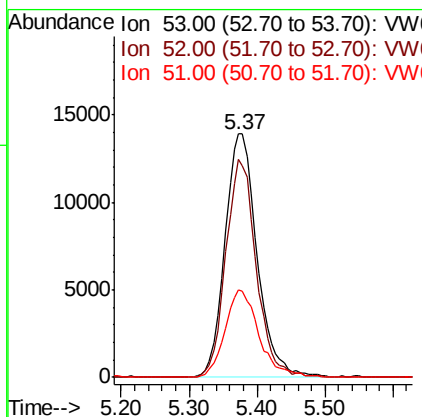
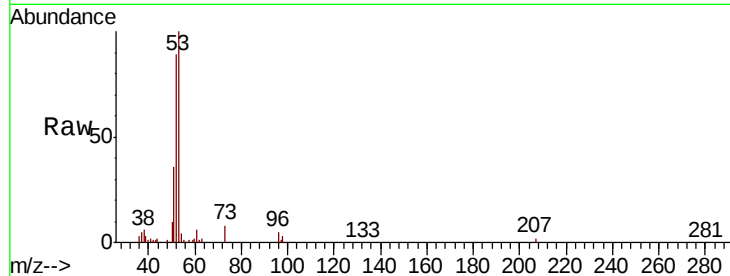
ClientSampleId :

VW1107SBSD01

Tot Ion:	53	Resp:	45592
Ion Ratio	Lower	Upper	
53	100		
52	84.5	65.8	98.8
51	37.8	29.6	44.4

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#16

Acetone

Concen: 126.863 ug/l

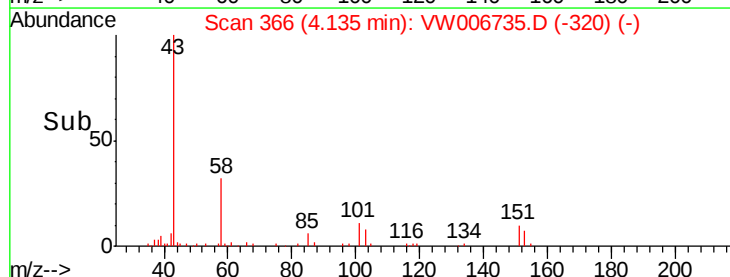
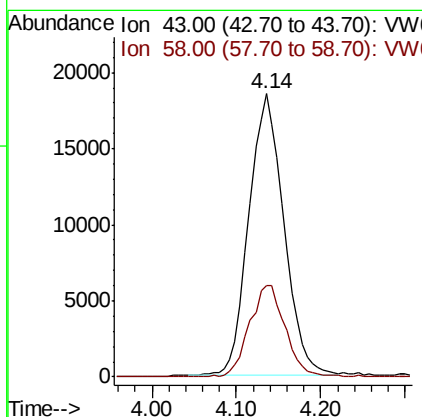
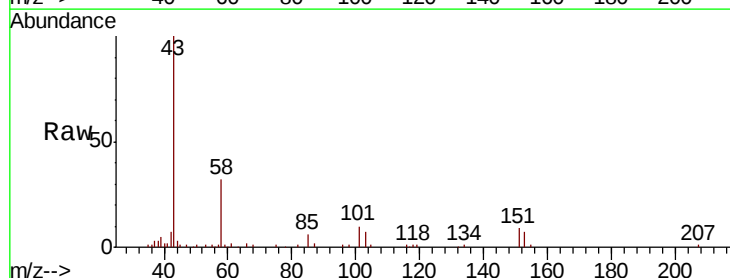
RT: 4.14 min Scan# 366

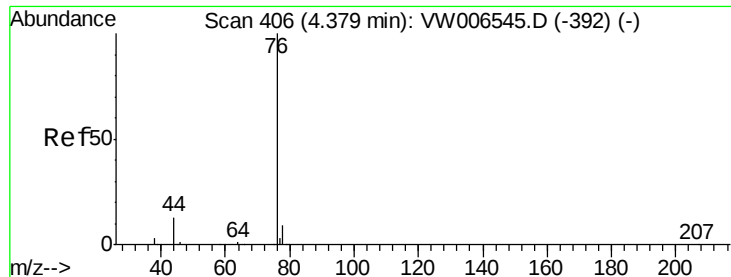
Delta R.T. -0.02 min

Lab File: VW006735.D

Acq: 07 Nov 2018 14:49

Tgt Ion:	43	Resp:	52481
Ion Ratio	Lower	Upper	
43	100		
58	32.0	25.8	38.8





#17

Carbon Disulfide

Concen: 22.149 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006735.D

Acq: 07 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

VW1107SBSD01

Tot Ion: 76 Resp: 153247

Ion Ratio Lower Upper

76 100

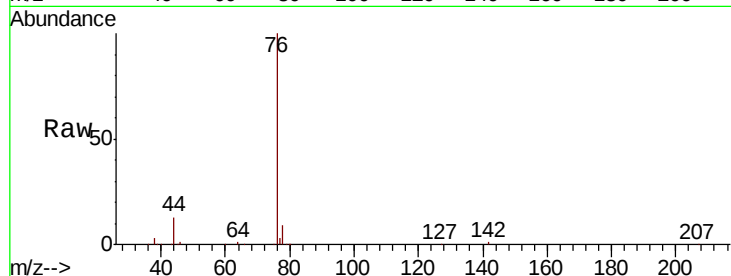
78 9.1 7.3 10.9

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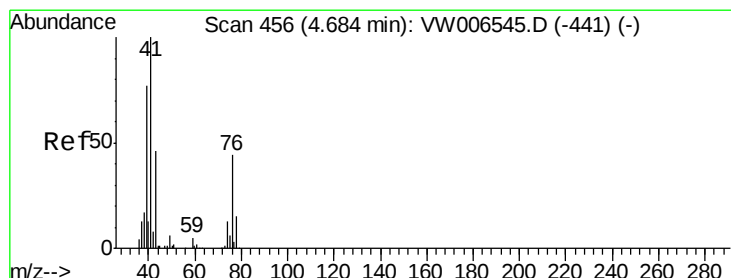
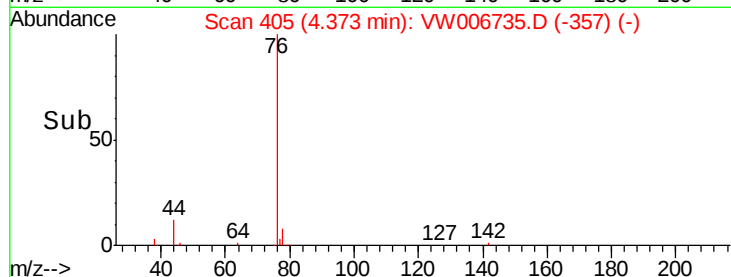
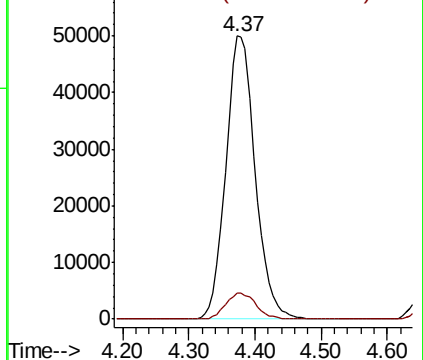
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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 18.737 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW006735.D

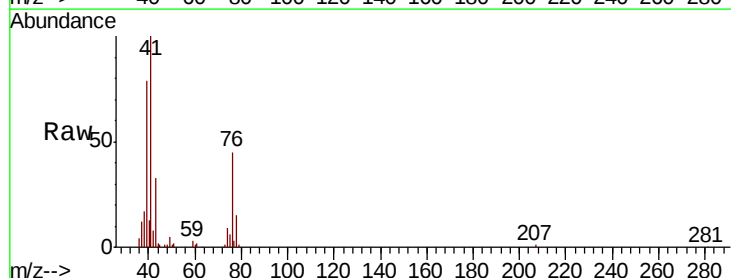
Acq: 07 Nov 2018 14:49

Tgt Ion: 43 Resp: 22289

Ion Ratio Lower Upper

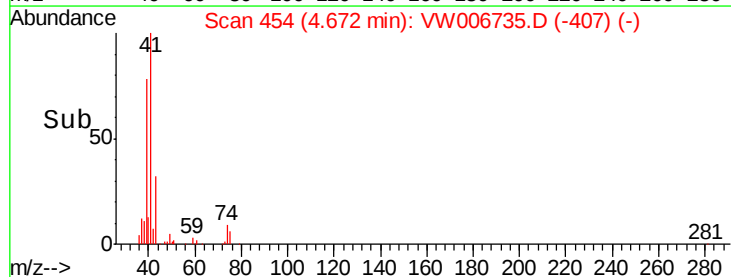
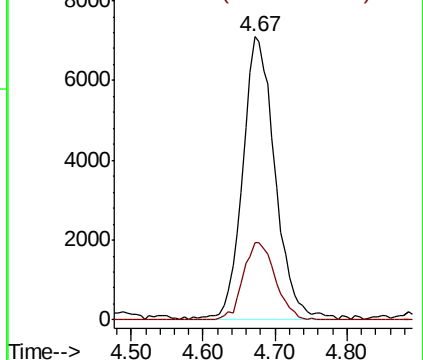
43 100

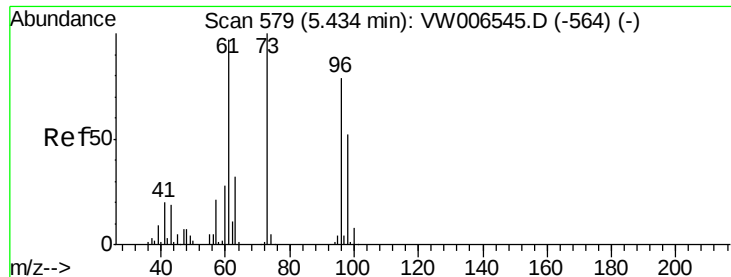
74 27.0 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





#19

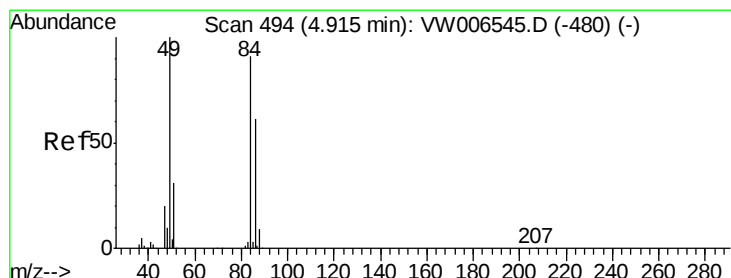
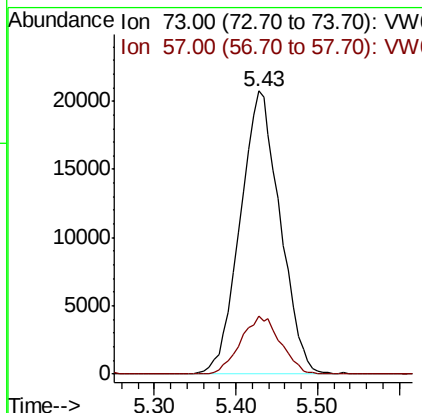
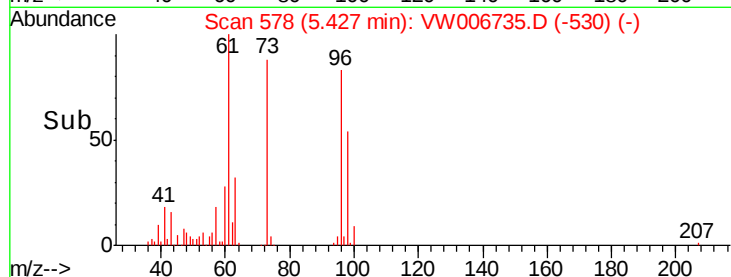
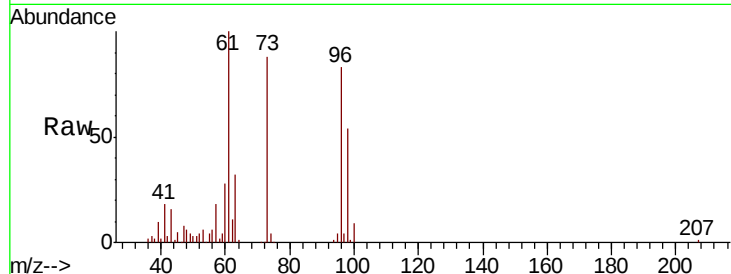
Methyl tert-butyl Ether
 Concen: 19.468 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: VW006735.D
 Acq: 07 Nov 2018 14:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1107SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.6	16.7	25.1

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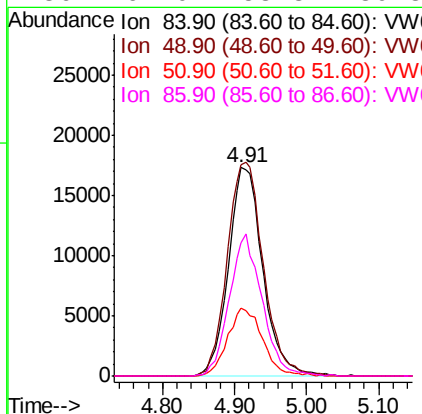
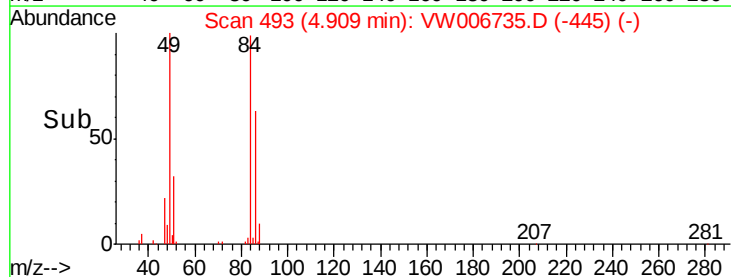
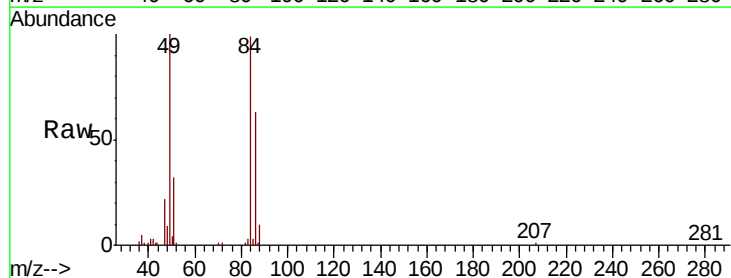
apatel
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#20

Methylene Chloride
 Concen: 17.551 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: VW006735.D
 Acq: 07 Nov 2018 14:49

Tgt Ion	Ratio	Lower	Upper
84	100		
49	101.2	88.2	132.4
51	32.6	27.0	40.6
86	64.0	53.8	80.8





#21

trans-1,2-Dichloroethene

Concen: 21.321 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW006735.D

Acq: 07 Nov 2018 14:49

Instrument :

MSVOA_W

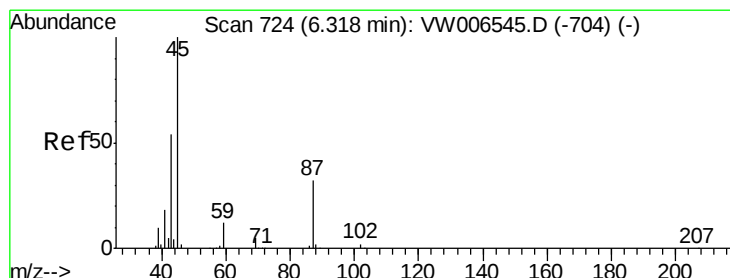
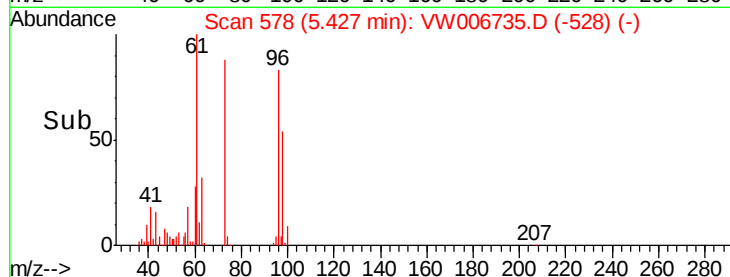
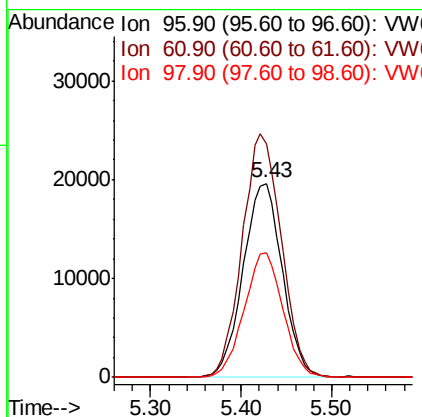
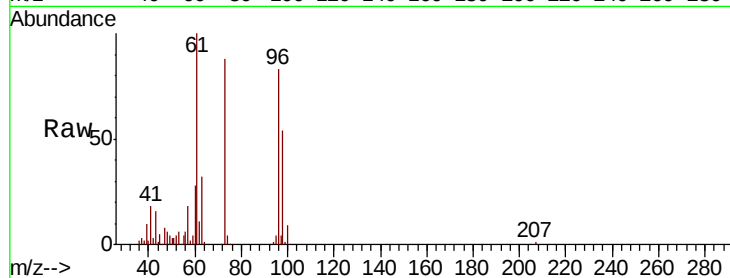
ClientSampleId :

VW1107SBSD01

Tot Ion:	96	Resp:	58659
Ion Ratio	Lower	Upper	
96	100		
61	119.9	100.6	150.8
98	64.2	52.9	79.3

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#22

Diisopropyl ether

Concen: 20.988 ug/l

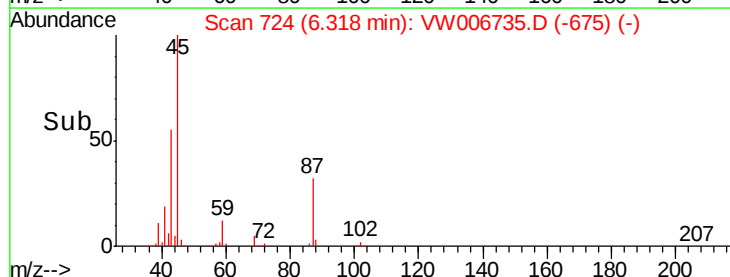
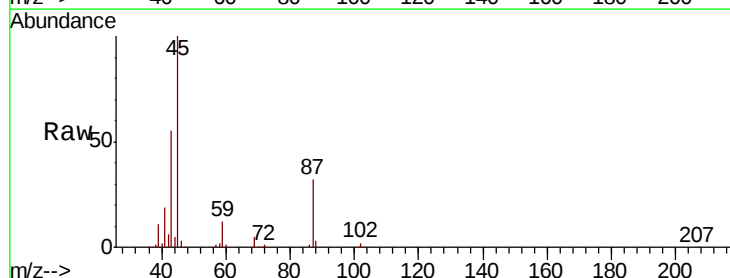
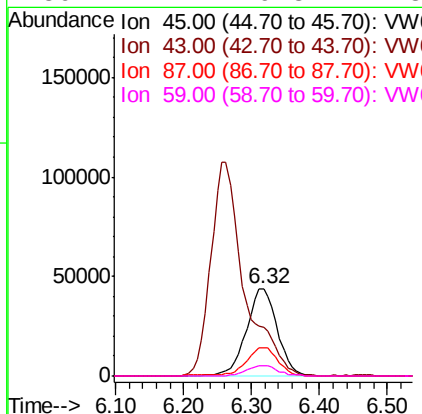
RT: 6.32 min Scan# 724

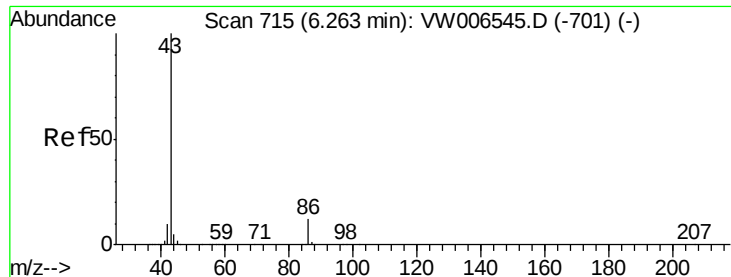
Delta R.T. 0.00 min

Lab File: VW006735.D

Acq: 07 Nov 2018 14:49

Tgt Ion:	45	Resp:	138866
Ion Ratio	Lower	Upper	
45	100		
43	54.5	43.6	65.4
87	31.6	26.3	39.5
59	12.1	9.8	14.8





#23

Vinyl Acetate

Concen: 100.117 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006735.D

Acq: 07 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

VW1107SBS01

Tot Ion: 43 Resp: 367346

Ion Ratio Lower Upper

43 100

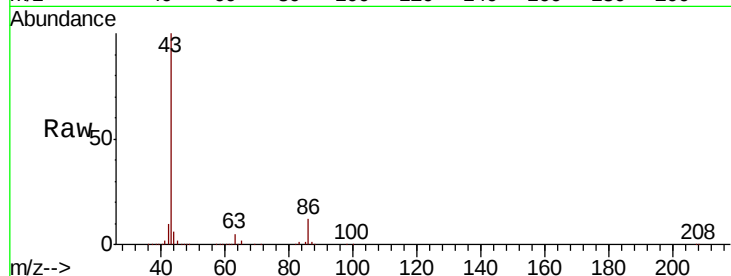
86 11.8 9.8 14.8

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

120000

100000

80000

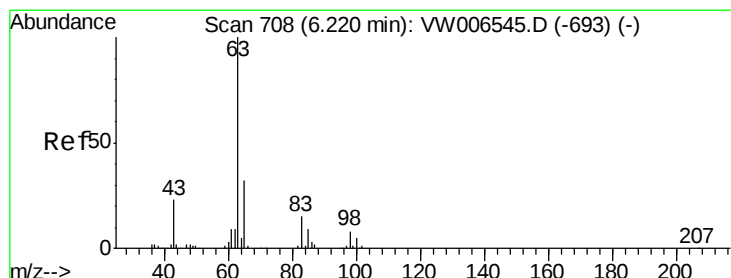
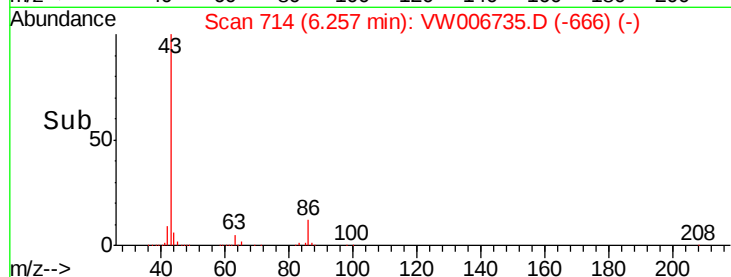
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.571 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006735.D

Acq: 07 Nov 2018 14:49

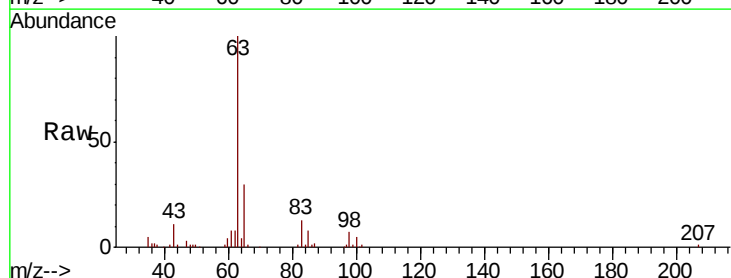
Tgt Ion: 63 Resp: 96729

Ion Ratio Lower Upper

63 100

98 6.8 3.8 11.4

100 4.5 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

40000

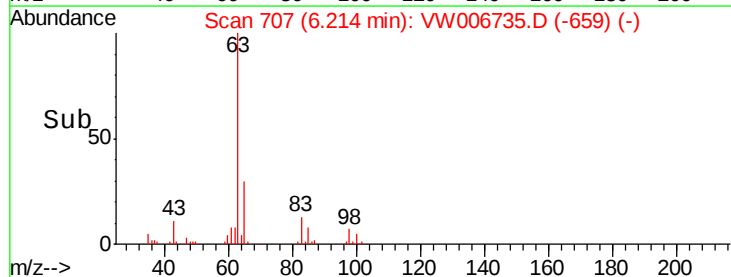
30000

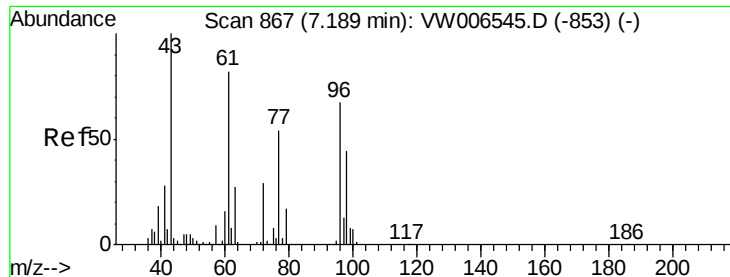
20000

10000

0

Time-->





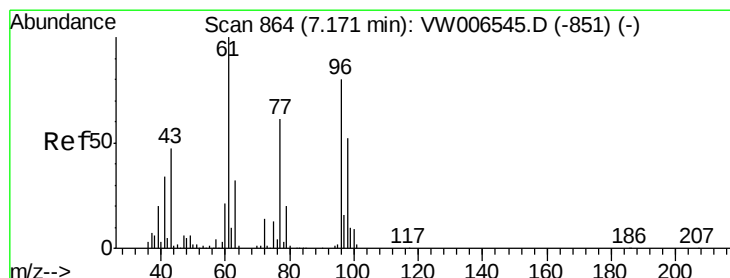
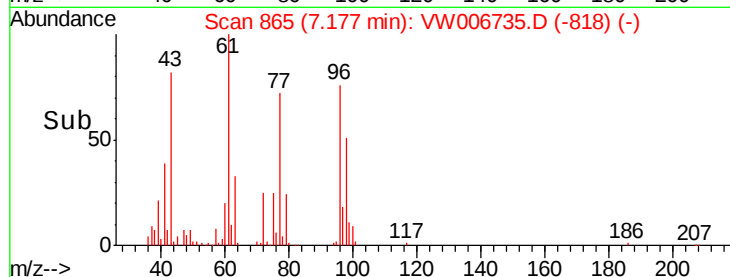
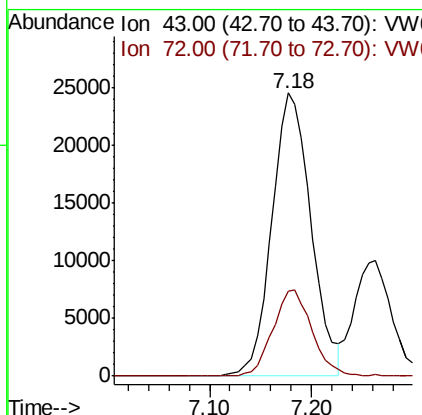
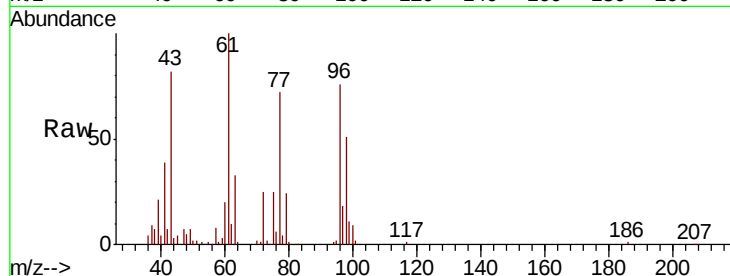
#25
2-Butanone
Concen: 110.393 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.01 min
Lab File: VW006735.D
Acq: 07 Nov 2018 14:49

Instrument :
MSVOA_W
ClientSampleId :
VW1107SBS01

Tot Ion: 43 Resp: 65166
Ion Ratio Lower Upper
43 100
72 29.9 23.2 34.8

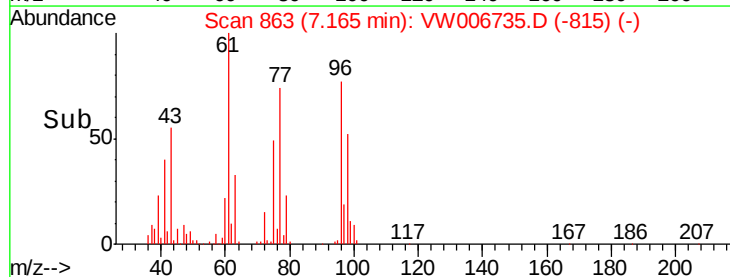
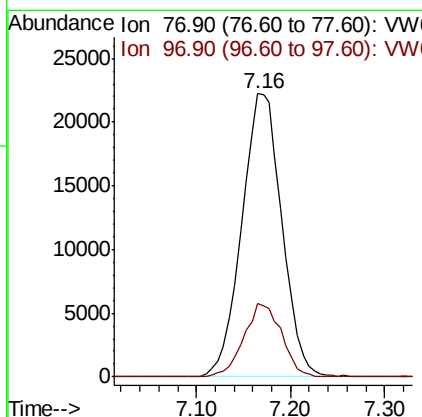
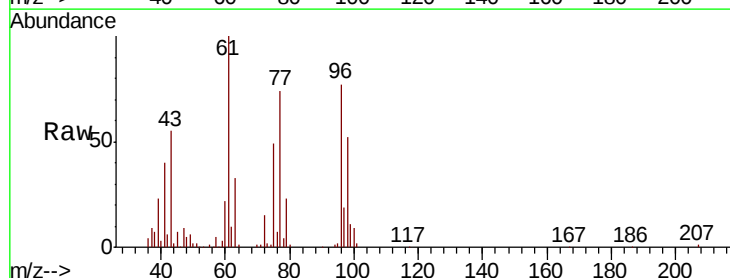
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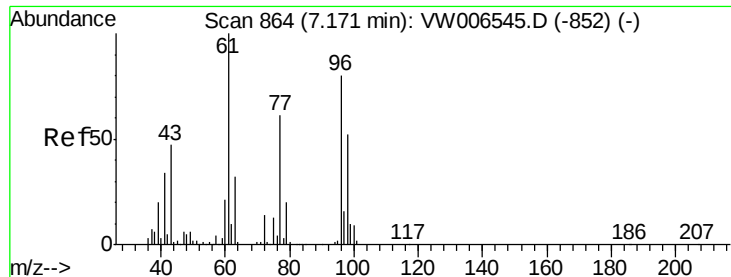
apatel
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#26
2,2-Dichloropropane
Concen: 24.511 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW006735.D
Acq: 07 Nov 2018 14:49

Tgt Ion: 77 Resp: 66210
Ion Ratio Lower Upper
77 100
97 24.3 12.8 38.4





#27

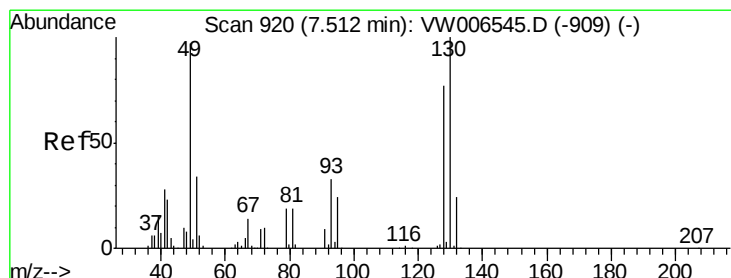
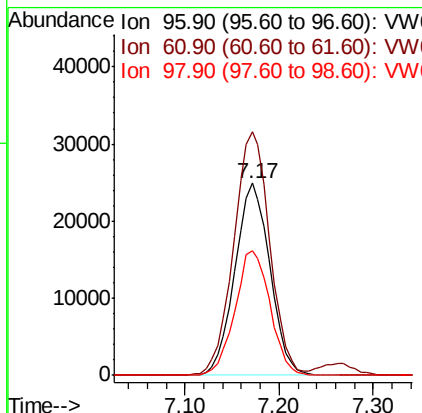
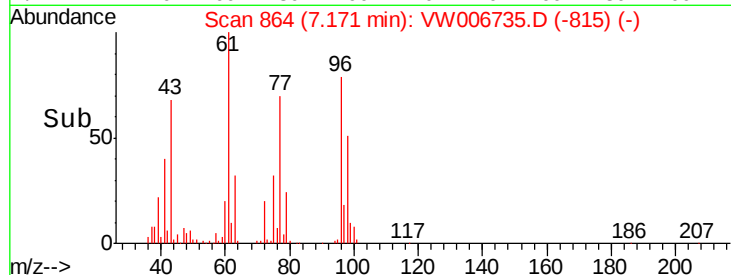
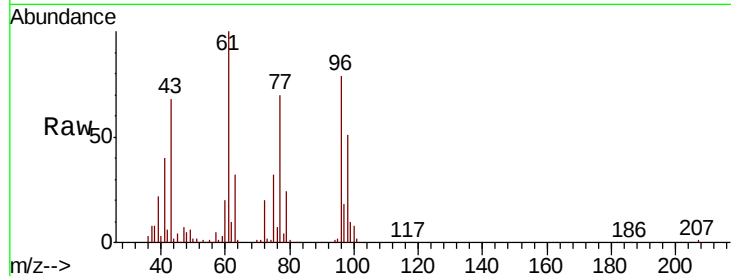
cis-1,2-Dichloroethene
Concen: 21.077 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW006735.D
Acq: 07 Nov 2018 14:49

Instrument :
MSVOA_W
ClientSampleId :
VW1107SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.9	0.0	254.2
98	65.0	0.0	129.6

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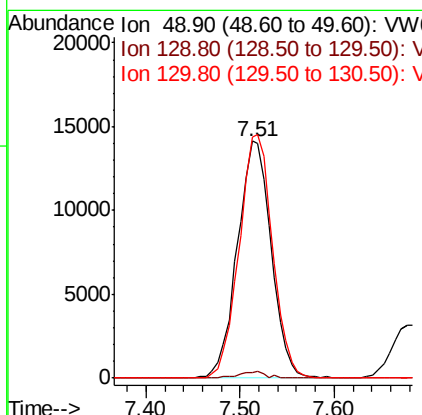
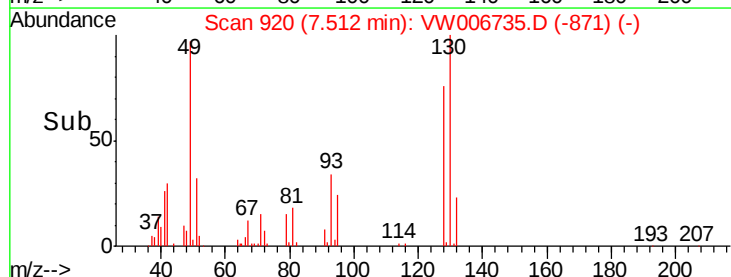
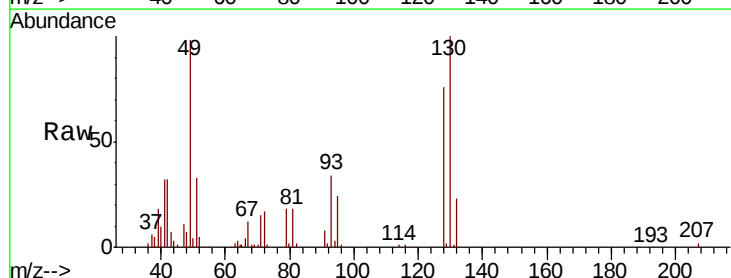
apatel
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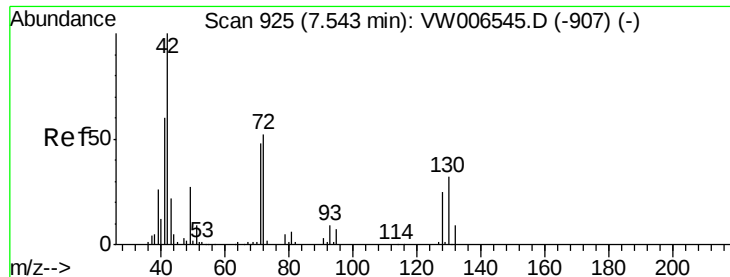


#28

Bromochloromethane
Concen: 19.923 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW006735.D
Acq: 07 Nov 2018 14:49

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	5.6
130	101.3	82.2	123.2





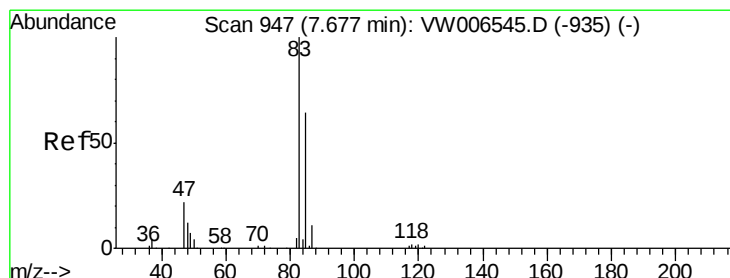
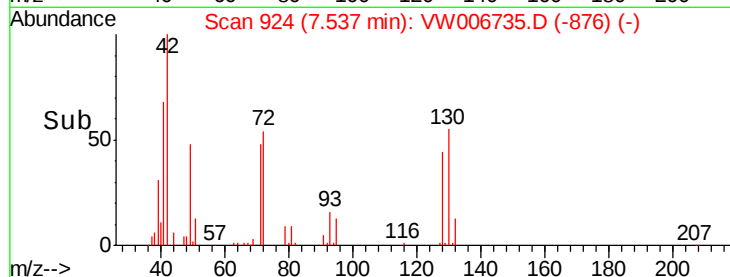
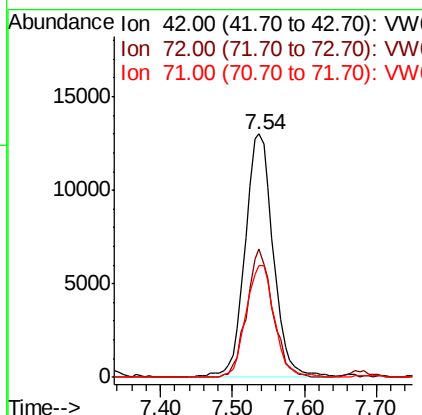
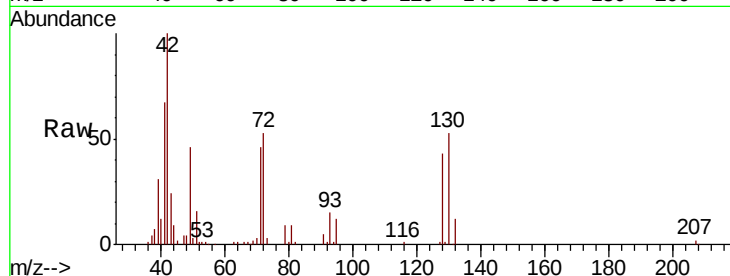
#29
Tetrahydrofuran
Concen: 95.248 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006735.D
Acq: 07 Nov 2018 14:49

Instrument :
MSVOA_W
ClientSampleId :
VW1107SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.6	39.2	58.8
71	46.4	37.6	56.4

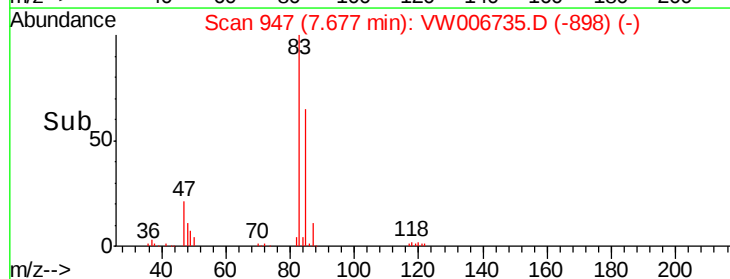
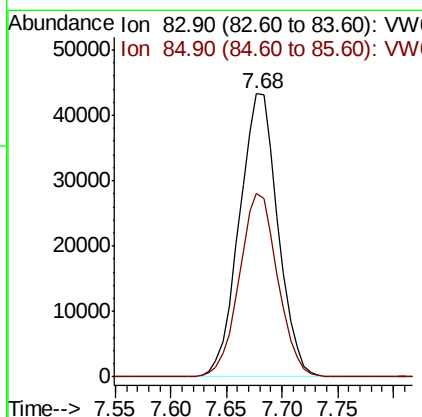
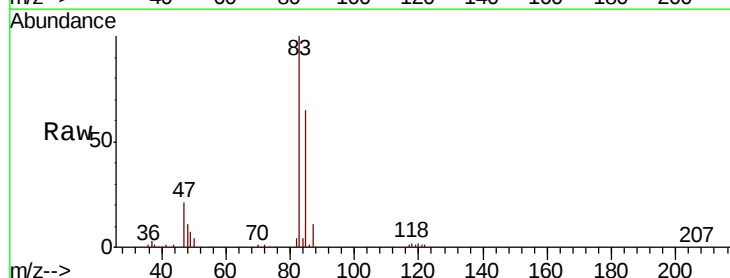
Manual Integrations
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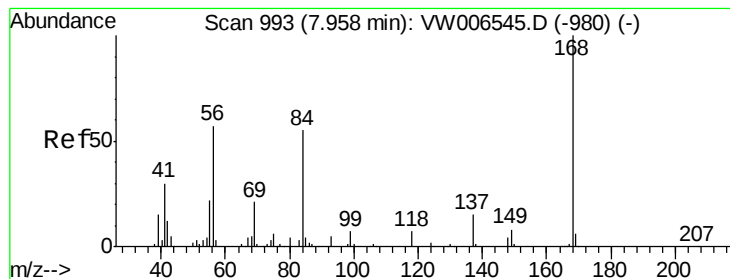
apatel
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#30
Chloroform
Concen: 21.173 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006735.D
Acq: 07 Nov 2018 14:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.3	76.9





#31

Cyclohexane

Concen: 21.868 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW006735.D

Acq: 07 Nov 2018 14:49

Instrument :

MSVOA_W

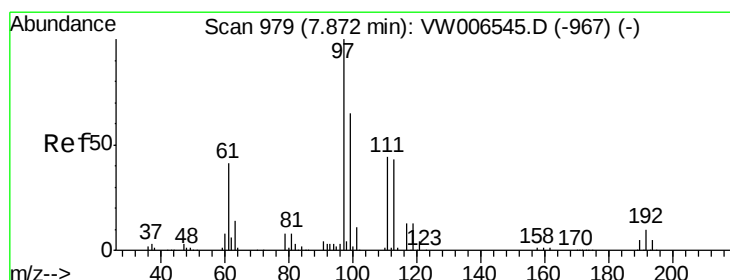
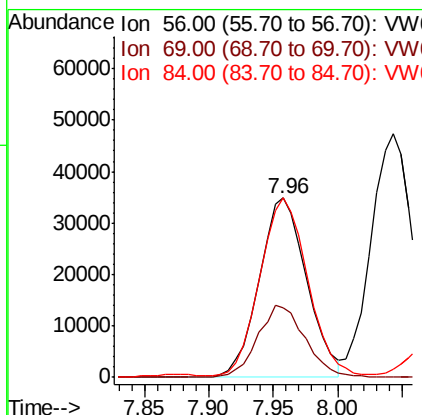
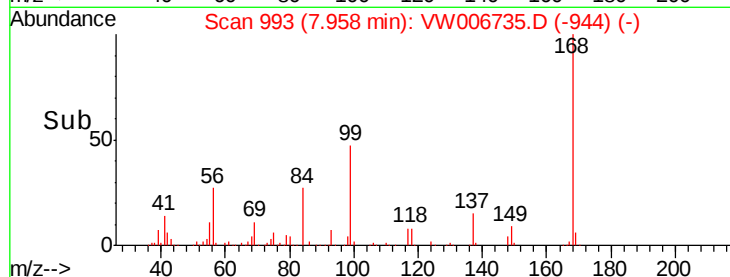
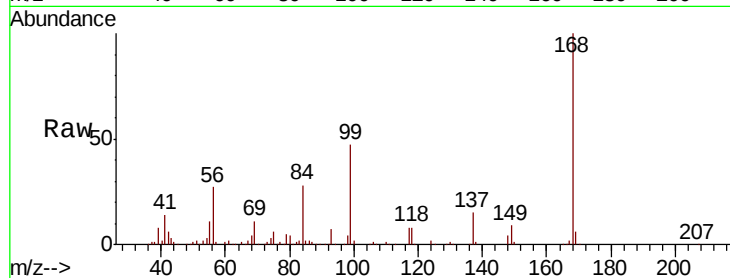
ClientSampleId :

VW1107SBS01

Tot Ion:	56	Resp:	89249
Ion Ratio	Lower	Upper	
56	100		
69	38.7	29.0	43.4
84	98.8	77.8	116.6

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#32

1,1,1-Trichloroethane

Concen: 22.513 ug/l

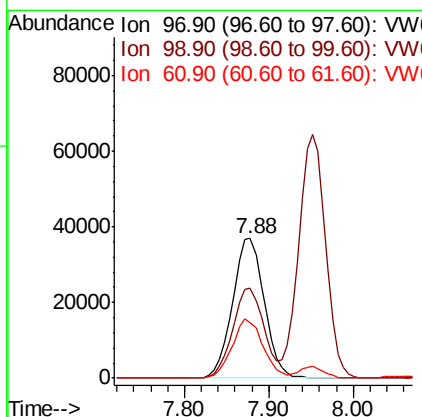
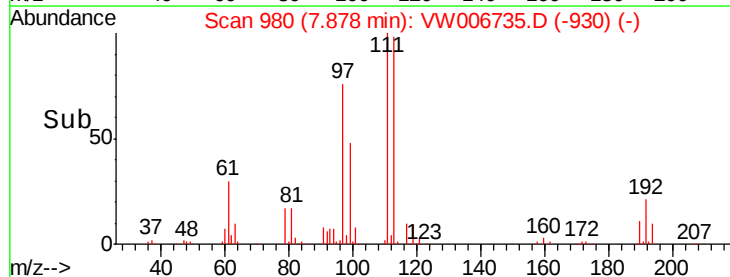
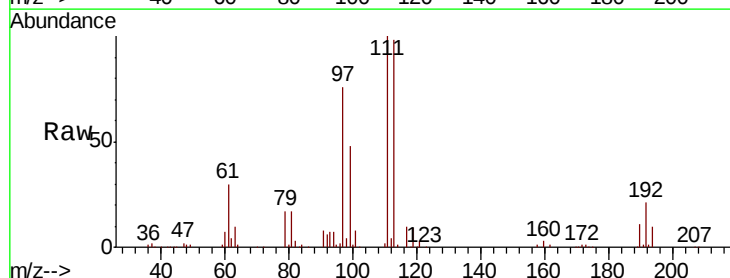
RT: 7.88 min Scan# 980

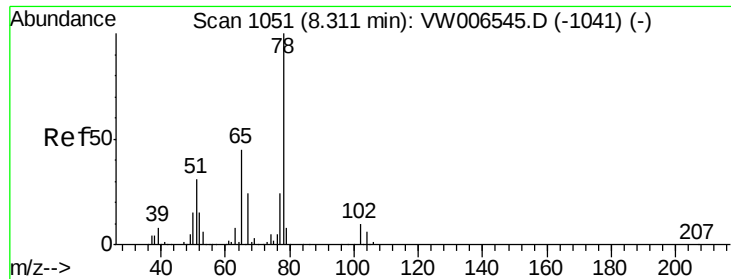
Delta R.T. 0.01 min

Lab File: VW006735.D

Acq: 07 Nov 2018 14:49

Tgt Ion:	97	Resp:	93659
Ion Ratio	Lower	Upper	
97	100		
99	63.1	51.7	77.5
61	41.5	32.9	49.3





#33

1,2-Dichloroethane-d4

Concen: 47.053 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006735.D

Acq: 07 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

VW1107SBS01

Tot Ion: 65 Resp: 120565

Ion Ratio Lower Upper

65 100

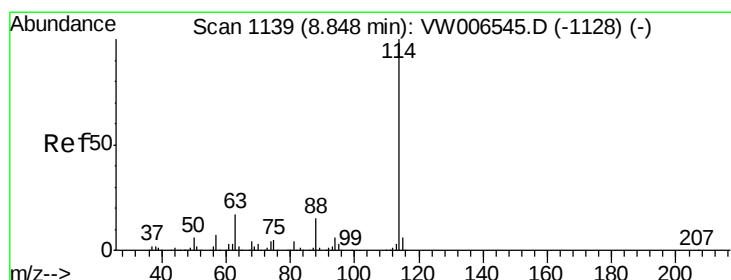
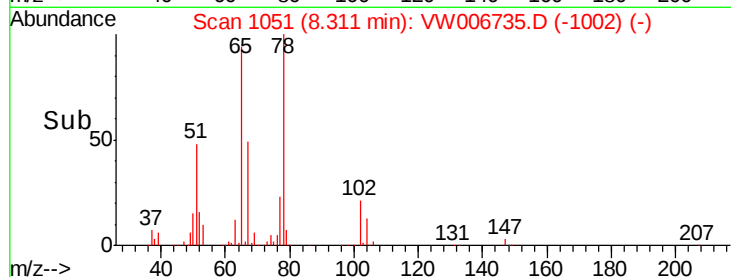
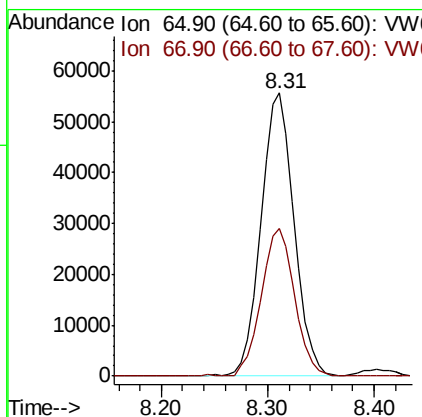
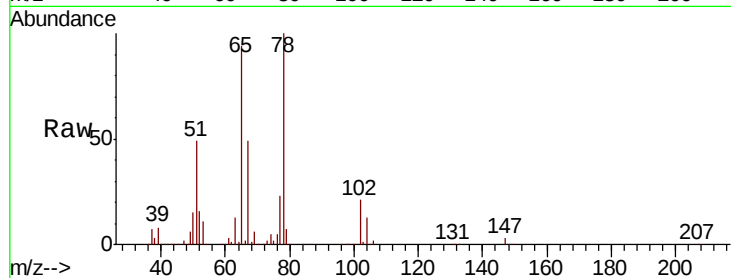
67 52.5 0.0 104.4

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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: VW006735.D

Acq: 07 Nov 2018 14:49

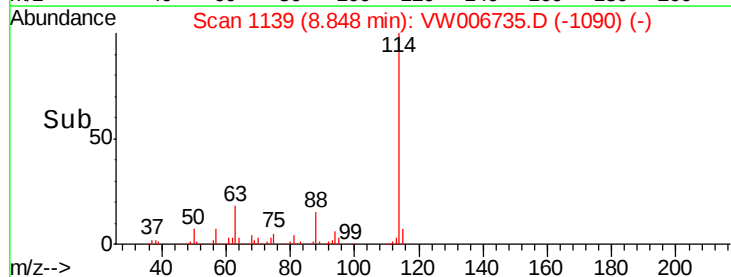
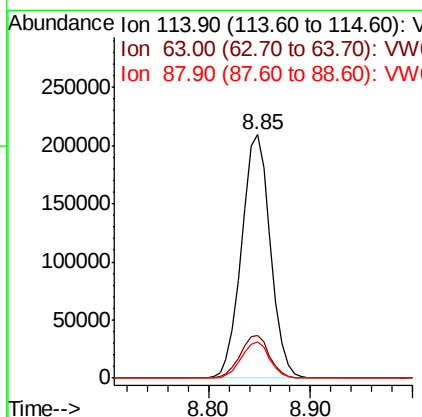
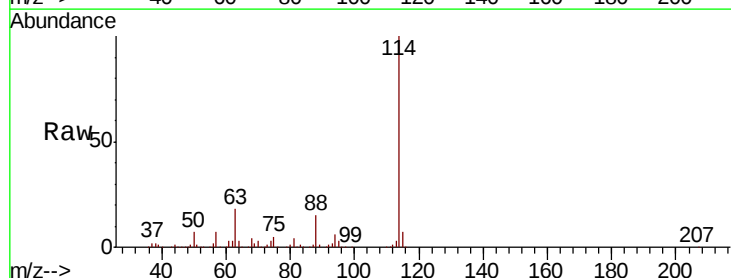
Tgt Ion: 114 Resp: 410580

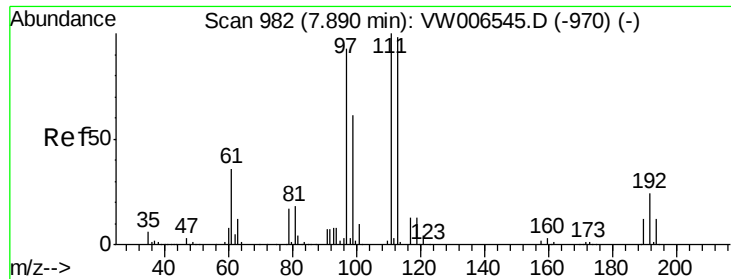
Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.4

88 14.8 0.0 29.0





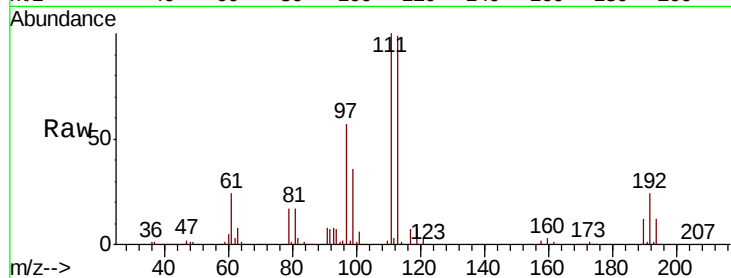
#35
 Dibromofluoromethane
 Concen: 51.494 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006735.D
 Acq: 07 Nov 2018 14:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1107SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.2	82.2	123.2	
192	23.9	19.0	28.6	

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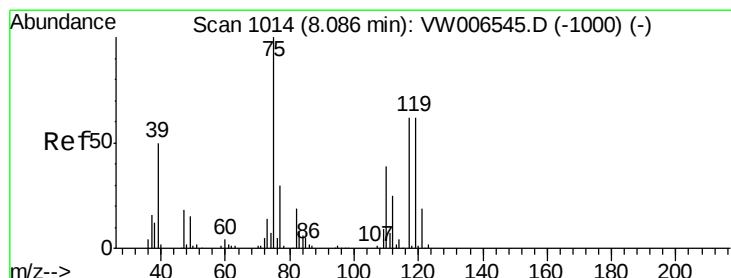
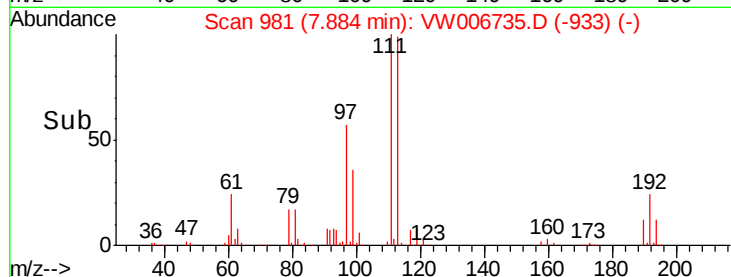
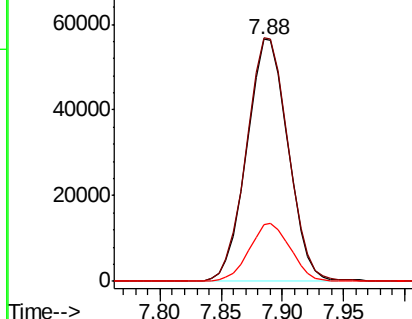


Abundance

Ion 112.80 (112.50 to 113.50): V

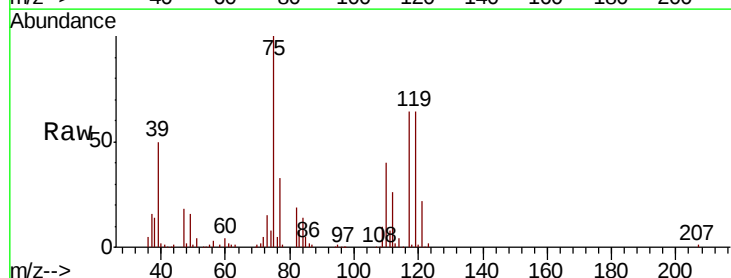
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 22.917 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW006735.D
 Acq: 07 Nov 2018 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	38.9	19.5	58.5	
77	31.7	24.6	37.0	

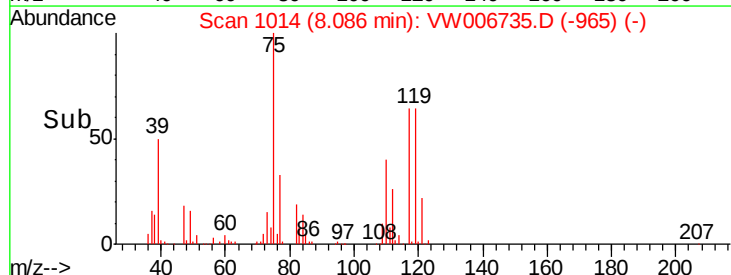
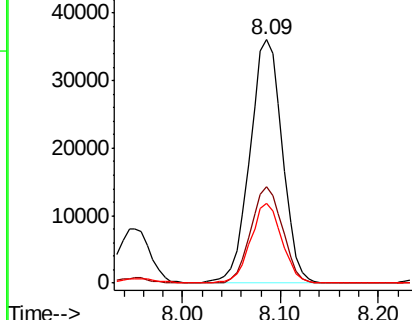


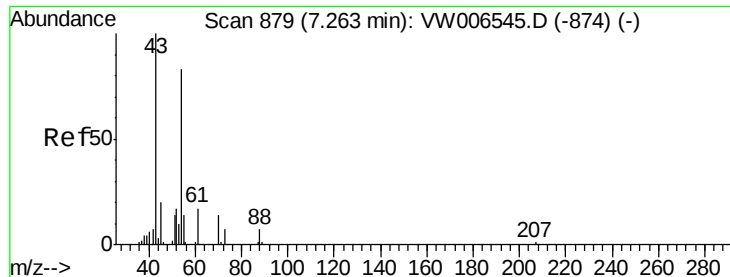
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





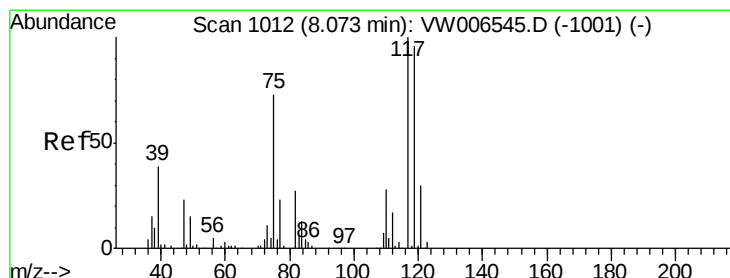
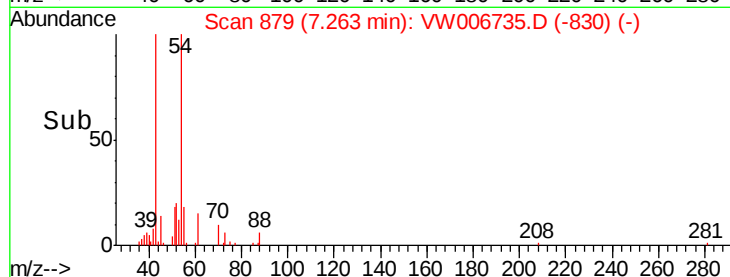
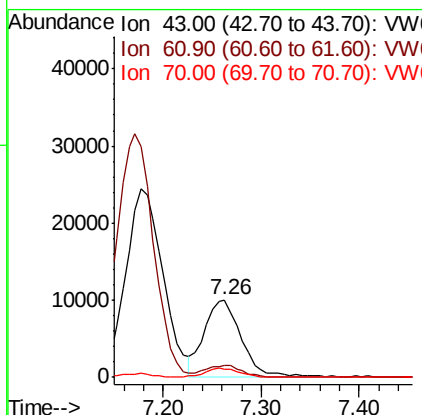
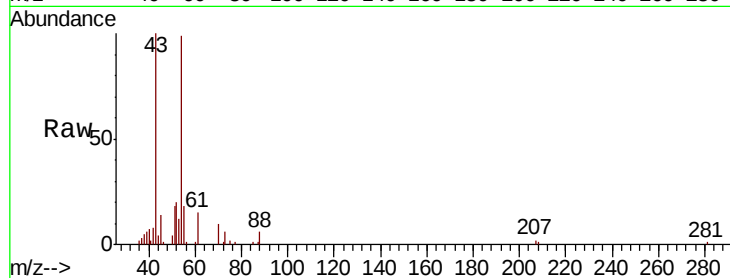
#37
Ethyl Acetate
Concen: 20.773 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: VW006735.D
Acq: 07 Nov 2018 14:49

Instrument :
MSVOA_W
ClientSampleId :
VW1107SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	12.1	18.1
70	11.2	9.8	14.6

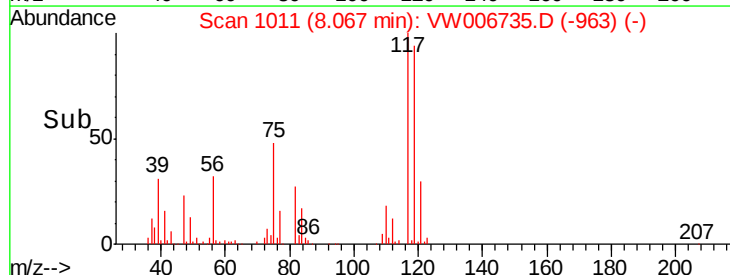
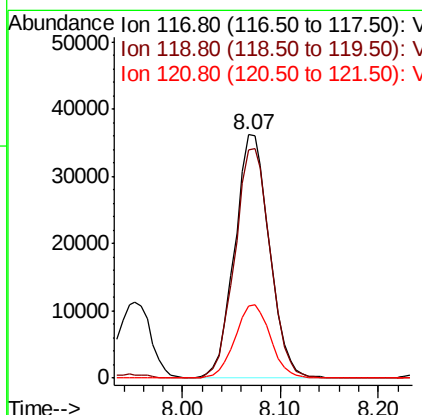
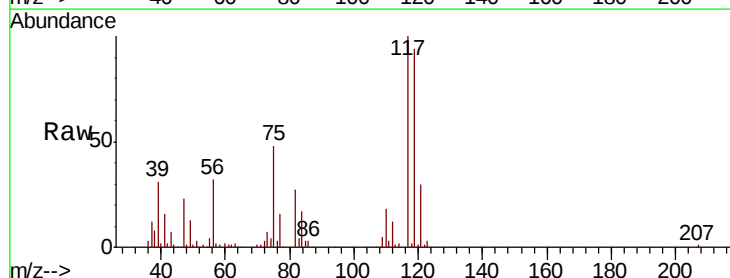
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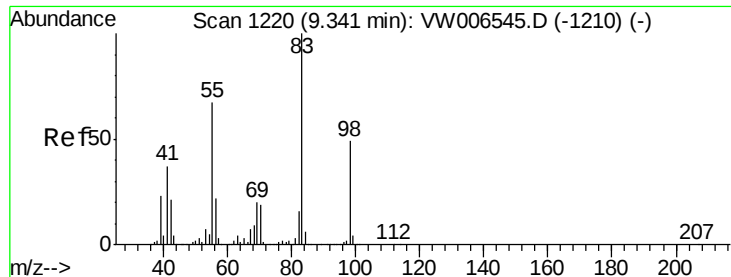
apatel
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#38
Carbon Tetrachloride
Concen: 23.654 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006735.D
Acq: 07 Nov 2018 14:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	76.3	114.5
121	29.5	24.1	36.1





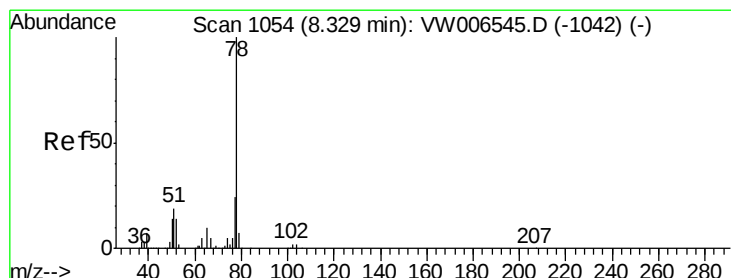
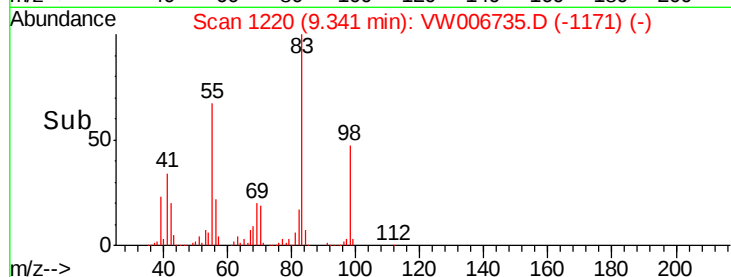
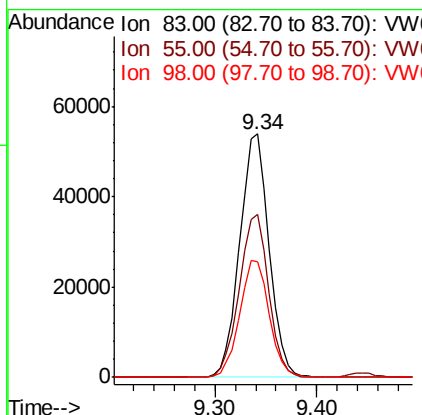
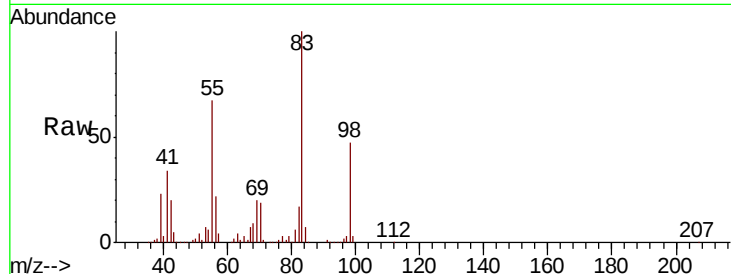
#39
Methvlcvclohexane
Concen: 23.486 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW006735.D
Acq: 07 Nov 2018 14:49

Instrument :
MSVOA_W
ClientSampleId :
VW1107SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	107615		
55	66.7		53.7	80.5
98	47.4		39.2	58.8

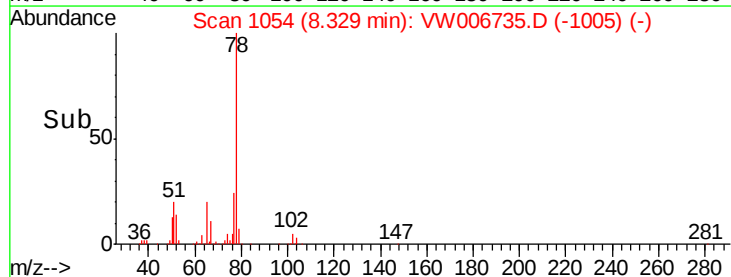
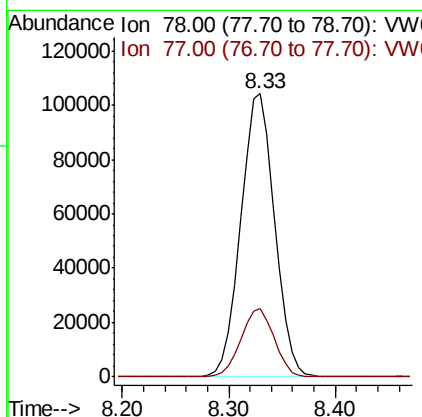
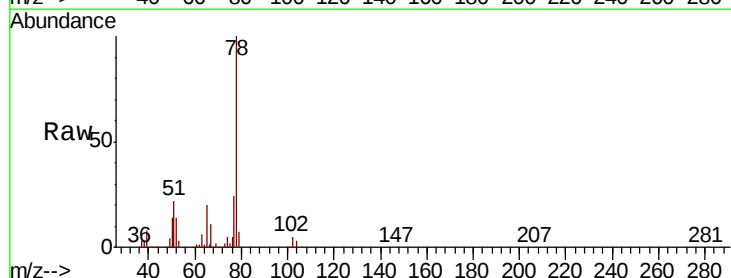
Manual Integrations
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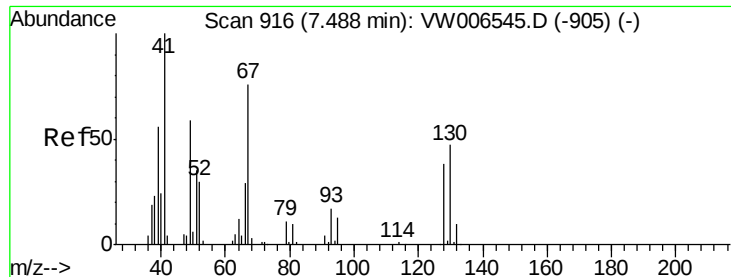
apatel
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#40
Benzene
Concen: 22.701 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW006735.D
Acq: 07 Nov 2018 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	232808		
77	24.2		19.2	28.8





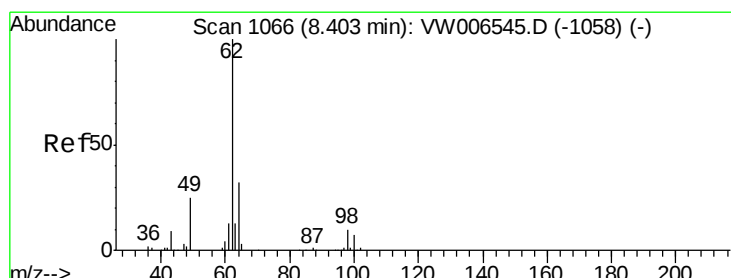
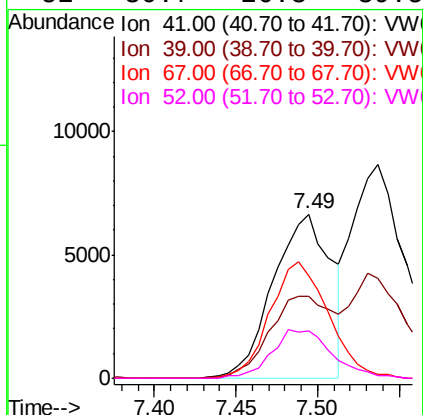
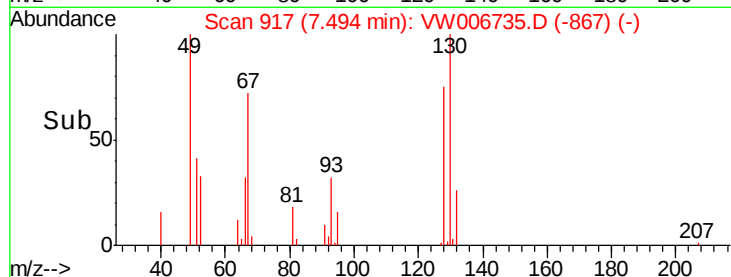
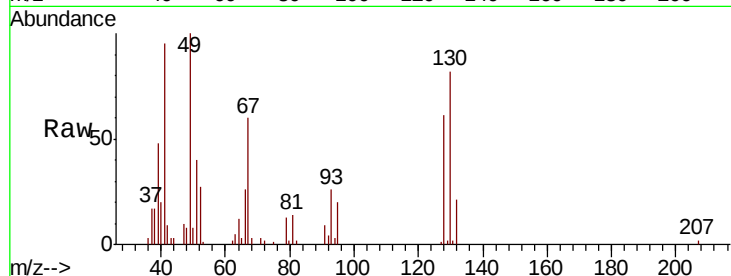
#41
Methacrylonitrile
Concen: 21.405 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW006735.D
Acq: 07 Nov 2018 14:49

Instrument :
MSVOA_W
ClientSampleId :
VW1107SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.1	44.5	66.7
67	71.5	63.8	95.8
52	30.7	26.3	39.5

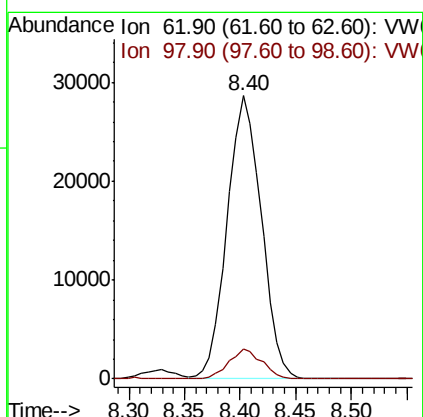
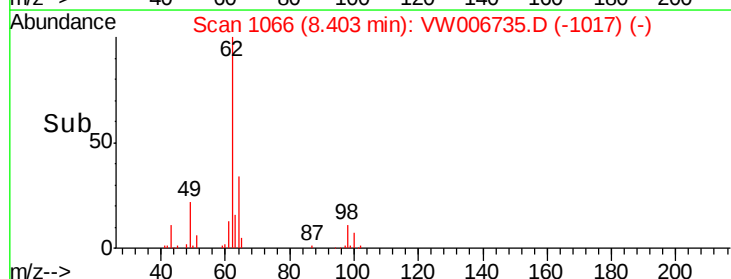
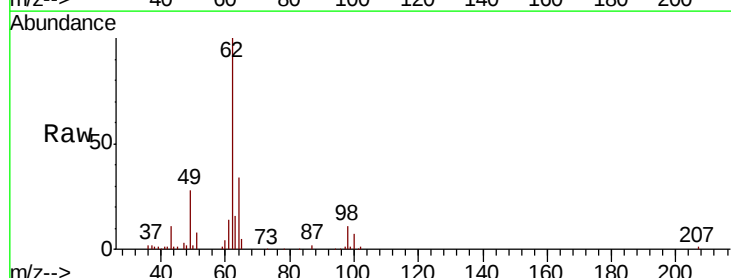
Manual Integrations
APPROVED

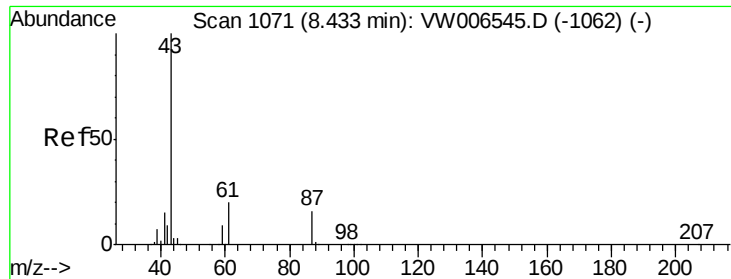
apatel
11/8/2018 11:03:23 AM



#42
1,2-Dichloroethane
Concen: 20.786 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006735.D
Acq: 07 Nov 2018 14:49

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.8





#43

Isopropyl Acetate

Concen: 20.019 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006735.D

Acq: 07 Nov 2018 14:49

Instrument :

MSVOA_W

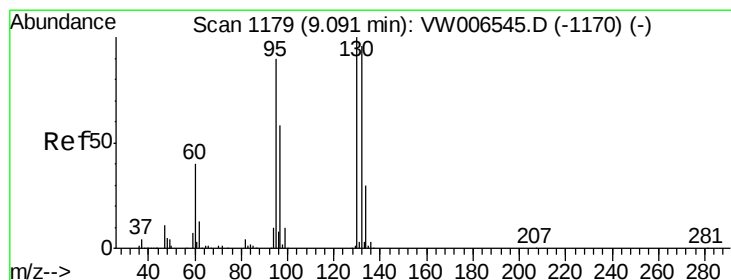
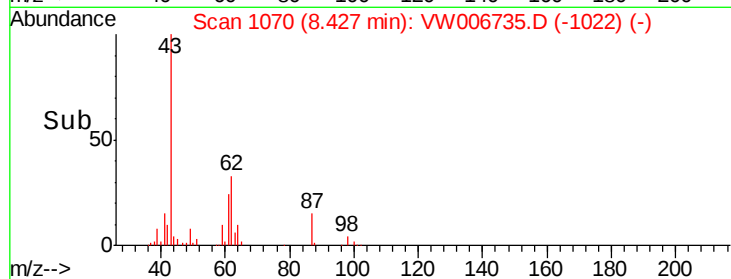
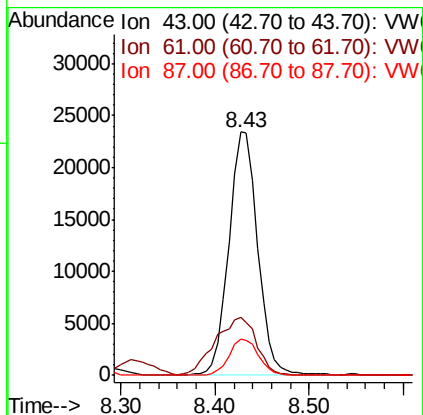
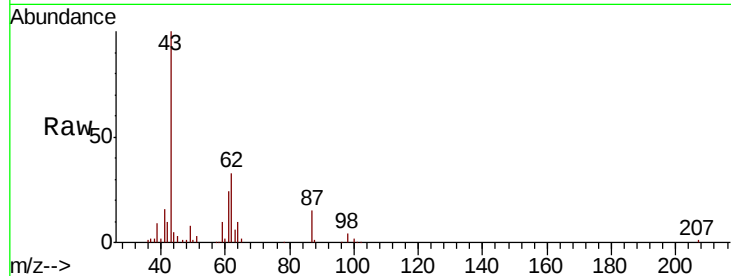
ClientSampleId :

VW1107SBS01

Tot Ion:	43	Resp:	49985
Ion Ratio		Lower	Upper
43	100		
61	33.7	27.2	40.8
87	15.1	12.9	19.3

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#44

Trichloroethene

Concen: 21.853 ug/l

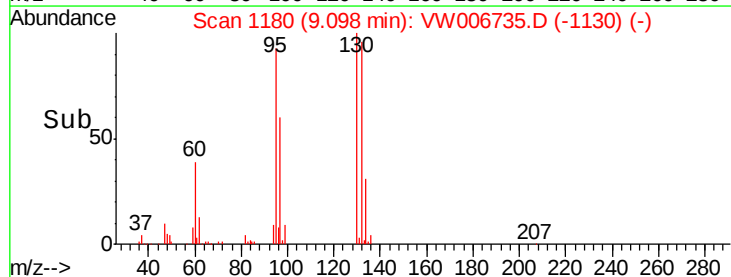
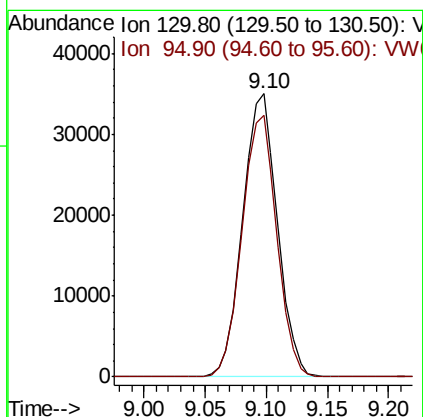
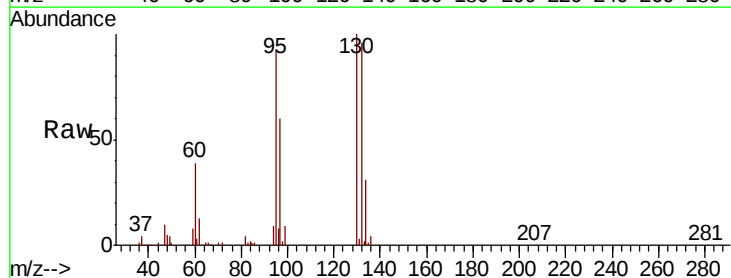
RT: 9.10 min Scan# 1180

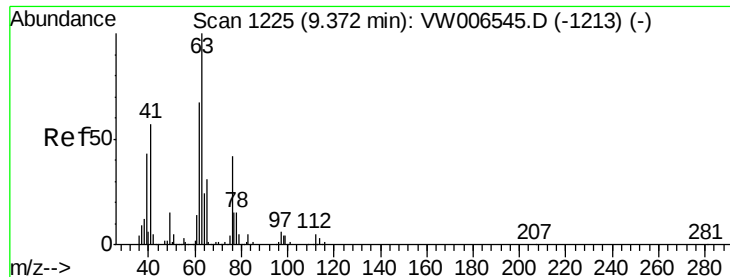
Delta R.T. 0.01 min

Lab File: VW006735.D

Acq: 07 Nov 2018 14:49

Tgt Ion:	130	Resp:	69160
Ion Ratio		Lower	Upper
130	100		
95	92.6	0.0	179.2





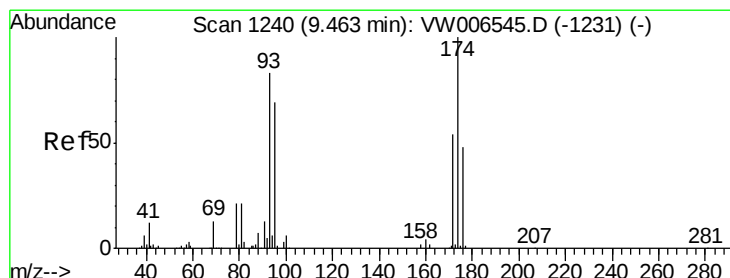
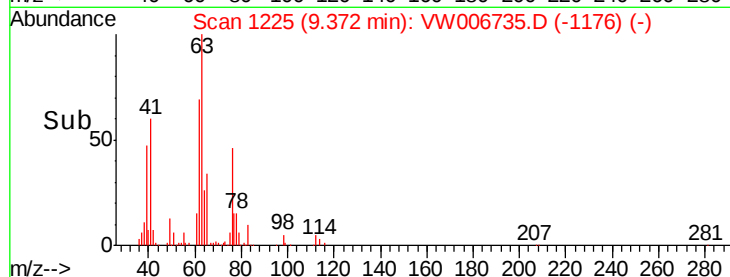
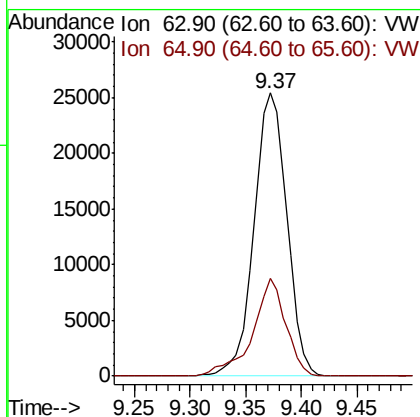
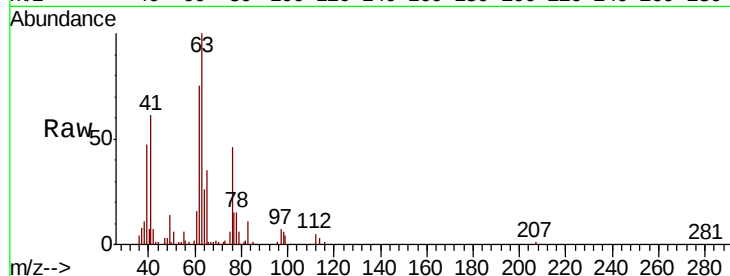
#45
 1,2-Dichloropropane
 Concen: 21.965 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006735.D
 Acq: 07 Nov 2018 14:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1107SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	34.7	25.1	37.7

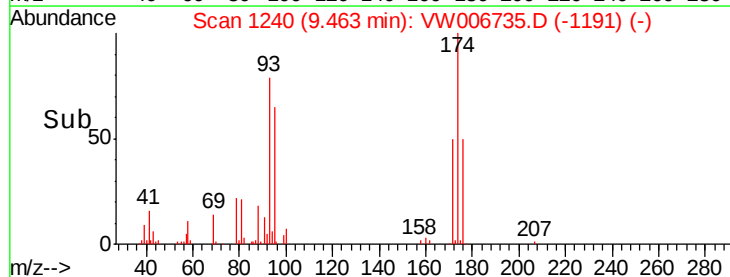
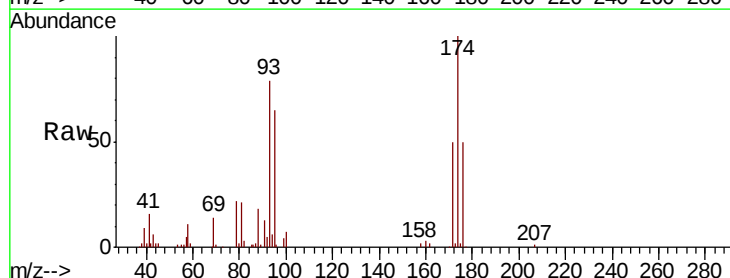
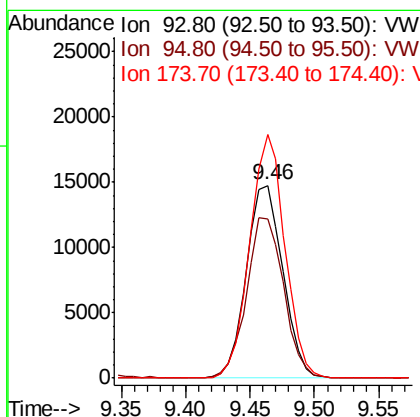
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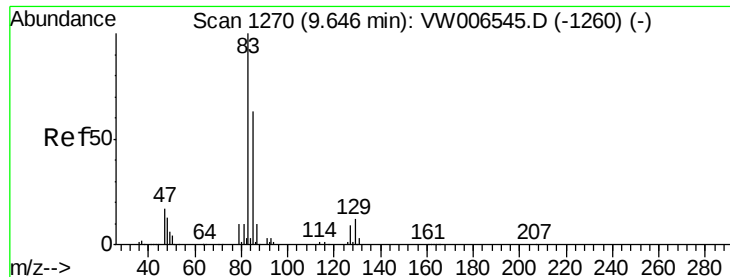
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#46
 Dibromomethane
 Concen: 20.595 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW006735.D
 Acq: 07 Nov 2018 14:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.6	67.2	100.8
174	121.2	97.3	145.9





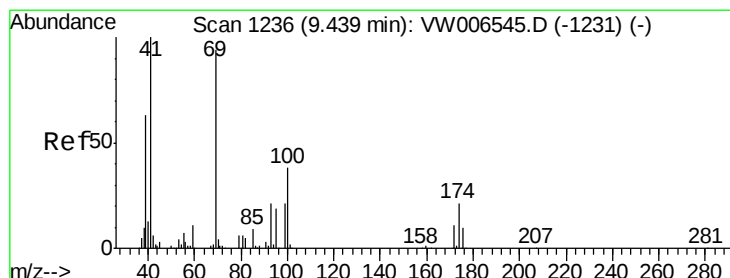
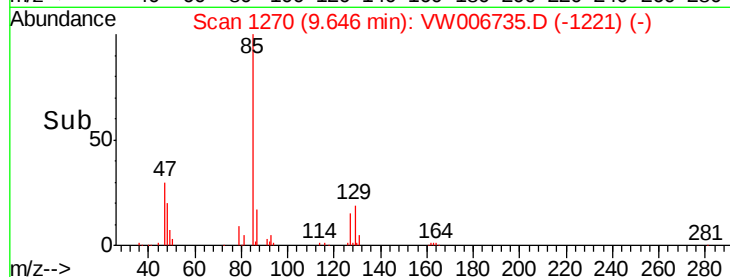
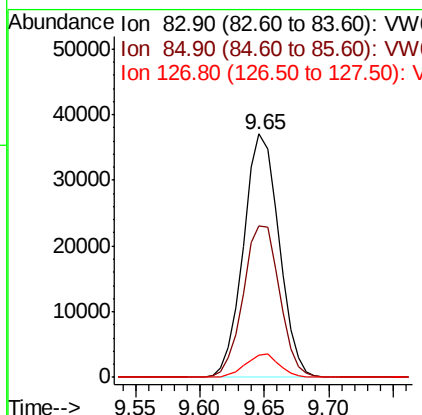
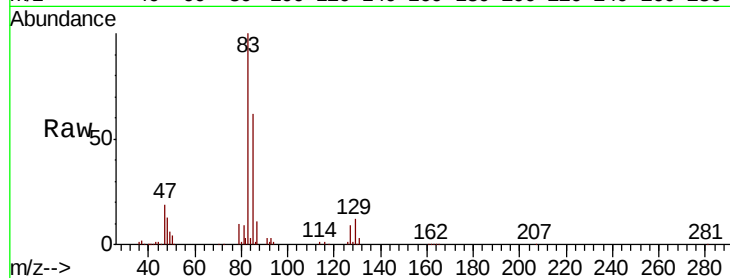
#47
Bromodichloromethane
Concen: 21.734 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW006735.D
Acq: 07 Nov 2018 14:49

Instrument :
MSVOA_W
ClientSampleId :
VW1107SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
85	62.3	50.6	75.8
127	9.3	7.5	11.3

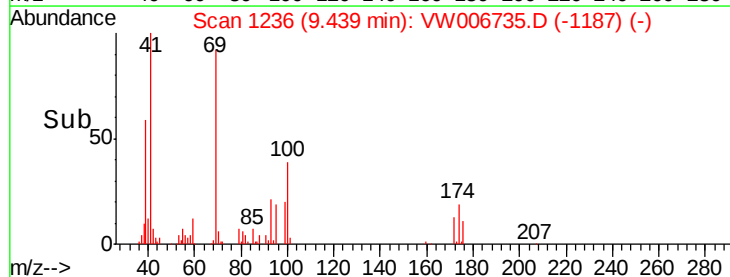
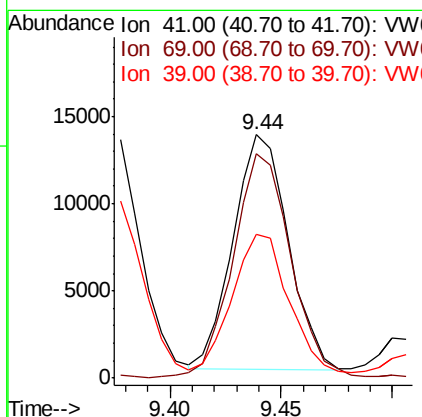
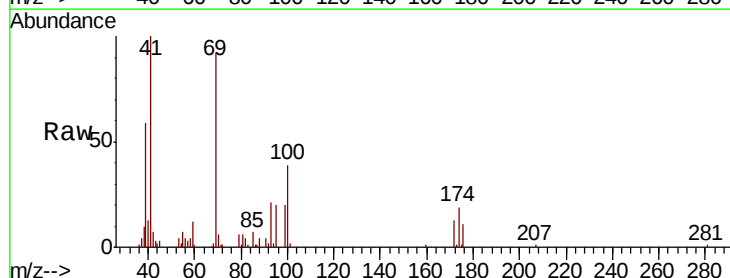
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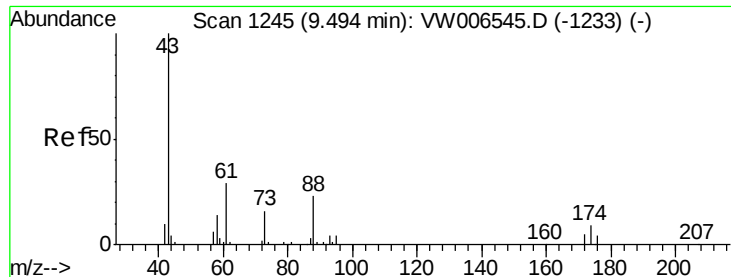
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#48
Methyl methacrylate
Concen: 19.336 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW006735.D
Acq: 07 Nov 2018 14:49

Tgt Ion	Ratio	Lower	Upper
41	100		
69	101.2	77.8	116.8
39	60.1	48.7	73.1





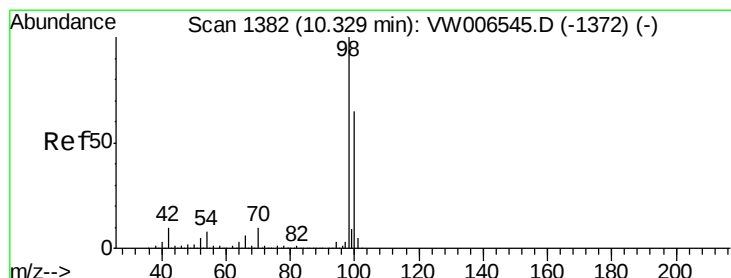
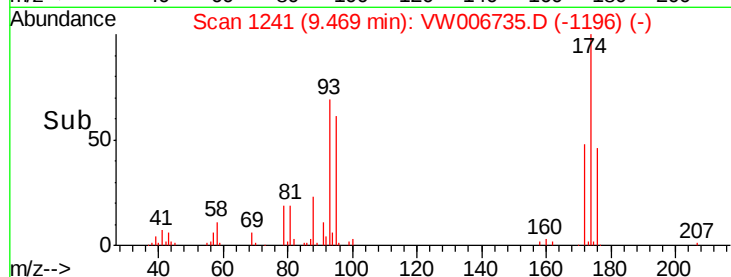
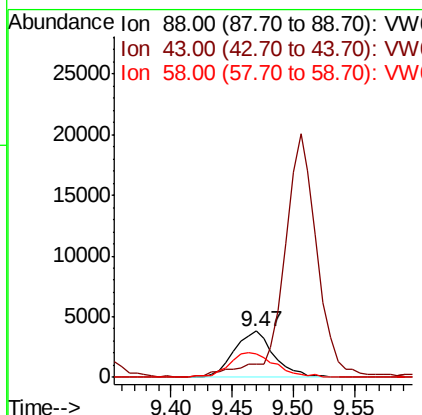
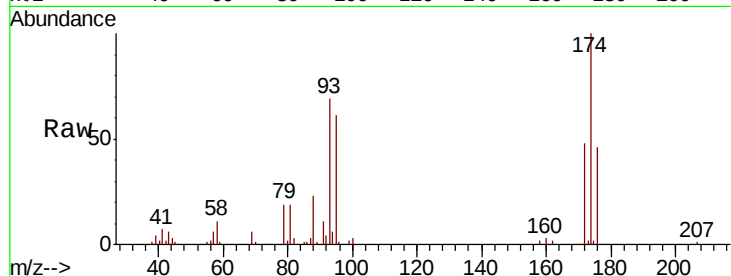
#49
1,4-Dioxane
Concen: 415.004 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. -0.02 min
Lab File: VW006735.D
Acq: 07 Nov 2018 14:49

Instrument :
MSVOA_W
ClientSampleId :
VW1107SBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	356.6	534.8#
58	62.8	51.4	77.2

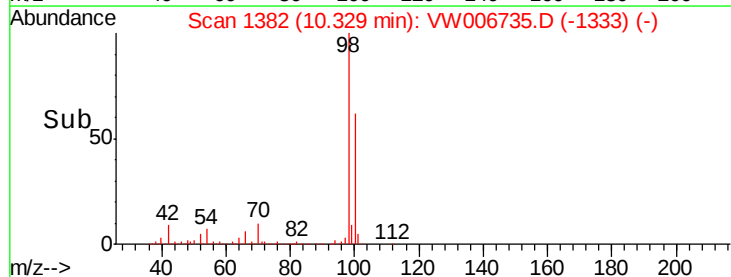
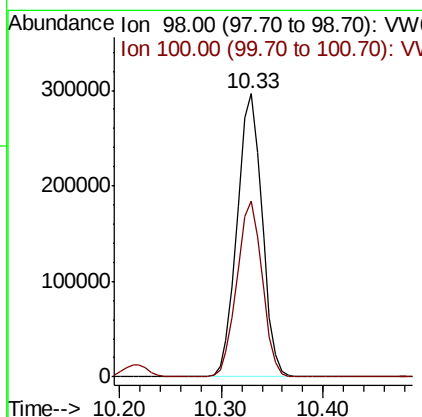
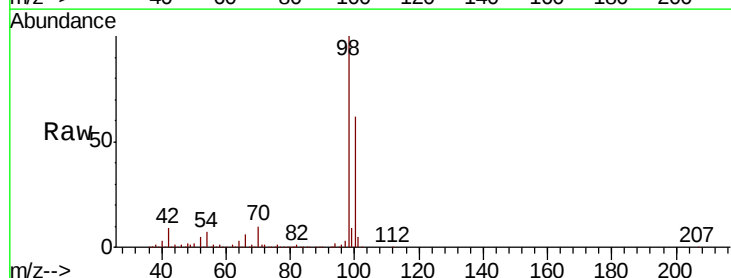
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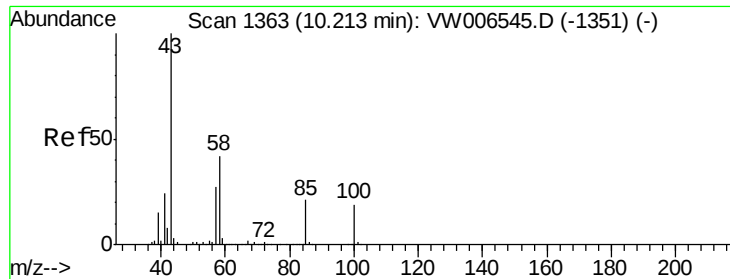
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#50
Toluene-d8
Concen: 51.042 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006735.D
Acq: 07 Nov 2018 14:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.0	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 99.022 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006735.D

Acq: 07 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

VW1107SBS01

Tot Ion: 43 Resp: 126980

Ion Ratio Lower Upper

43 100

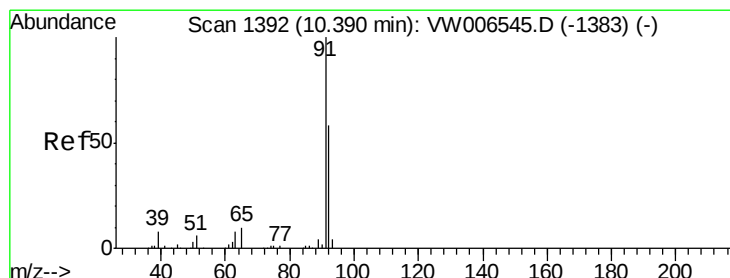
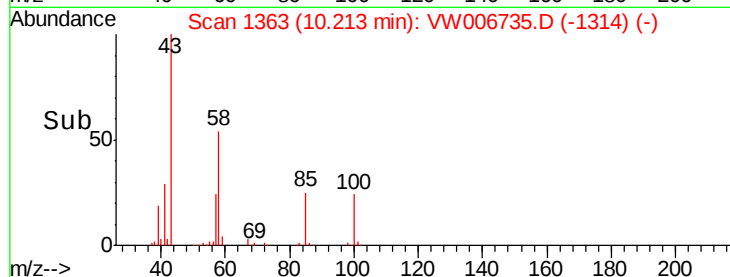
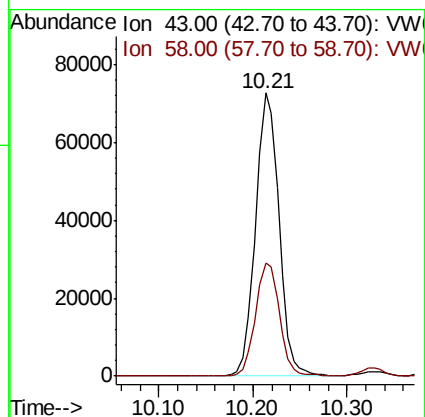
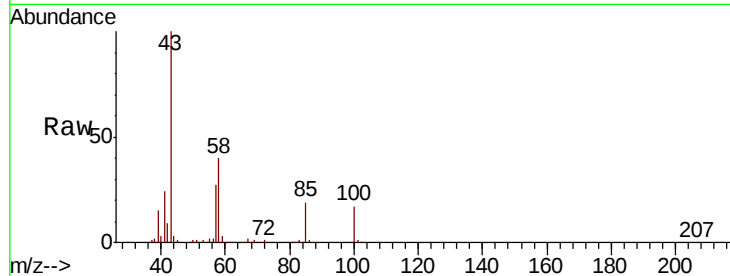
58 40.7 33.4 50.0

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#52

Toluene

Concen: 21.878 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006735.D

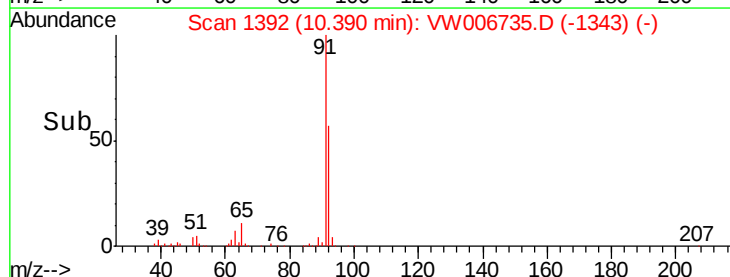
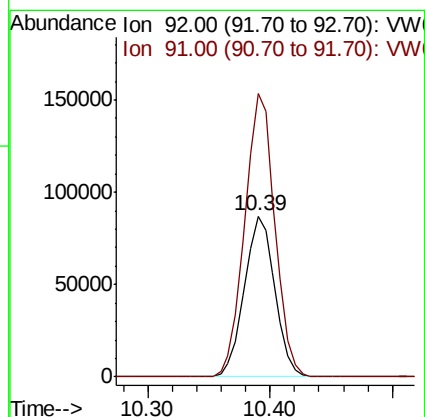
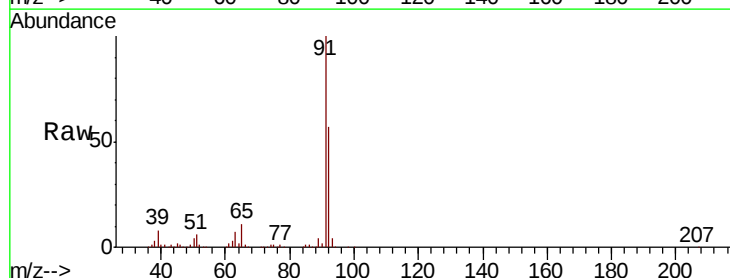
Acq: 07 Nov 2018 14:49

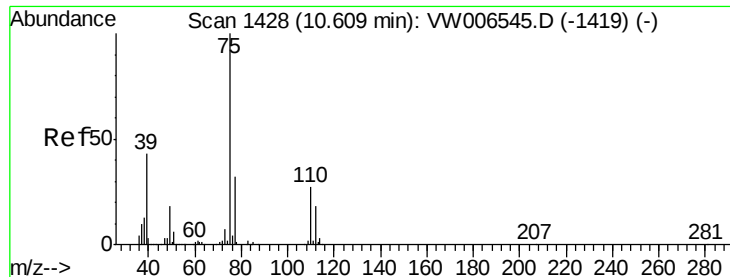
Tgt Ion: 92 Resp: 150493

Ion Ratio Lower Upper

92 100

91 174.7 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 21.341 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006735.D

Acq: 07 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

VW1107SBS01

Tot Ion: 75 Resp: 66907

Ion Ratio Lower Upper

75 100

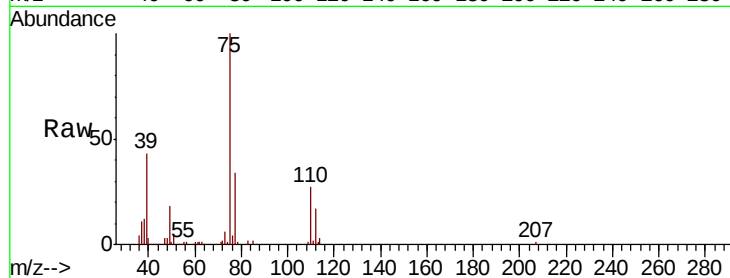
77 33.7 25.6 38.4

Manual Integrations

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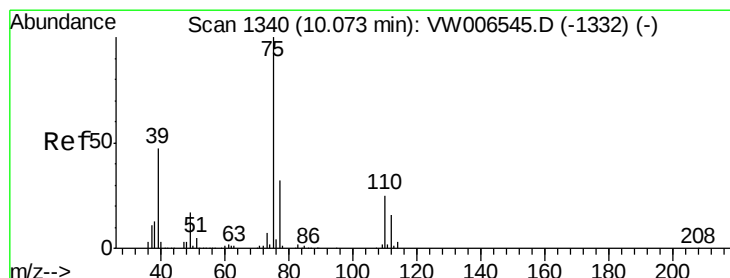
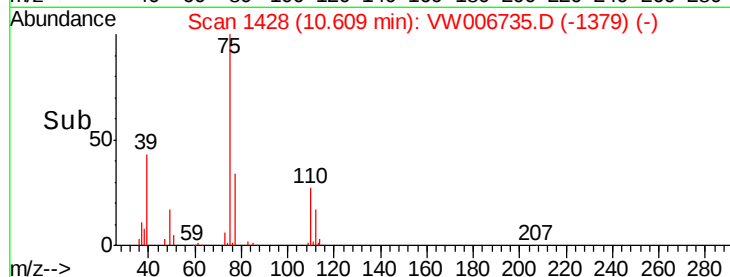
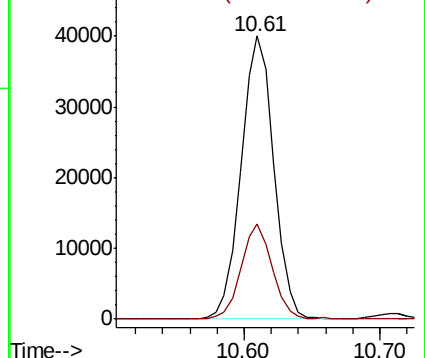
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Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 21.286 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006735.D

Acq: 07 Nov 2018 14:49

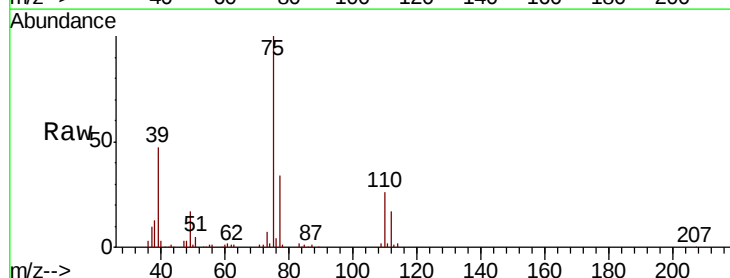
Tgt Ion: 75 Resp: 78862

Ion Ratio Lower Upper

75 100

77 33.8 25.7 38.5

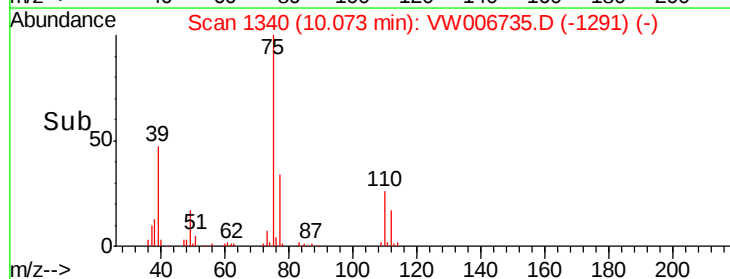
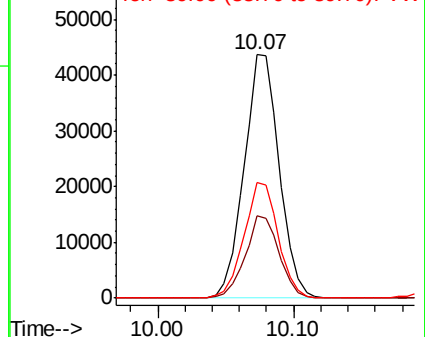
39 47.4 37.3 55.9

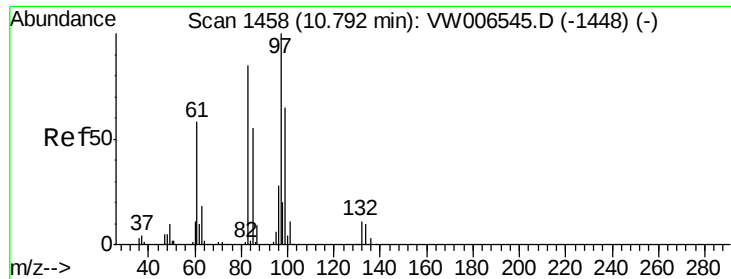


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW





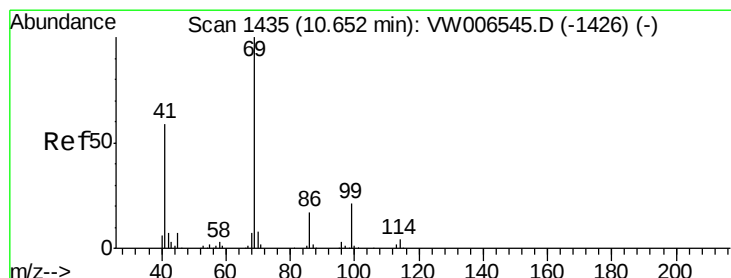
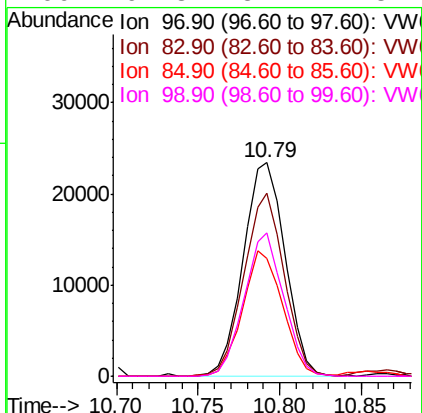
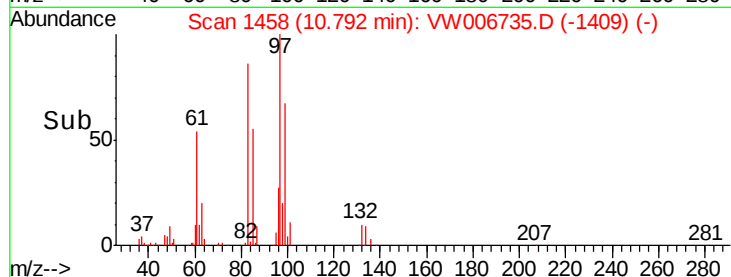
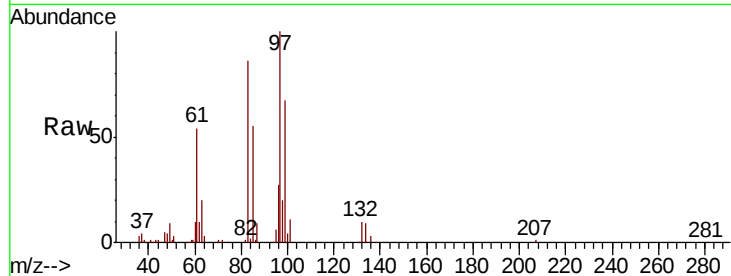
#55
 1,1,2-Trichloroethane
 Concen: 21.049 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006735.D
 Acq: 07 Nov 2018 14:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1107SBSD01

Tot Ion:	97	Resp:	41901
Ion	Ratio	Lower	Upper
97	100		
83	85.5	67.9	101.9
85	54.9	44.0	66.0
99	67.3	52.2	78.2

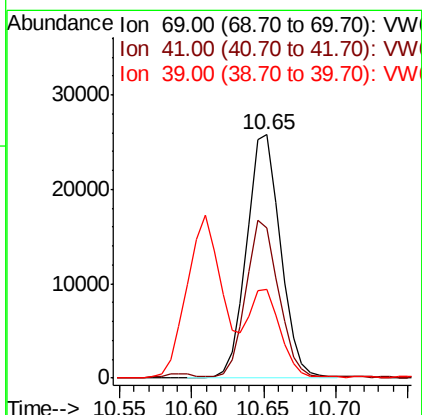
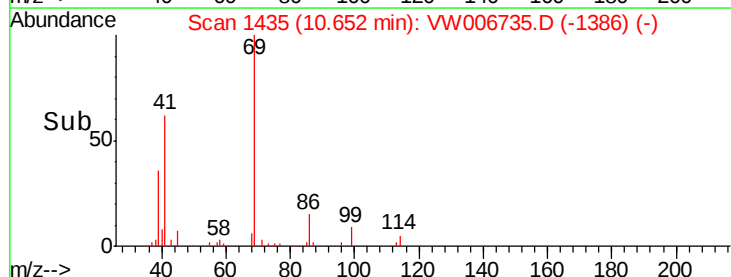
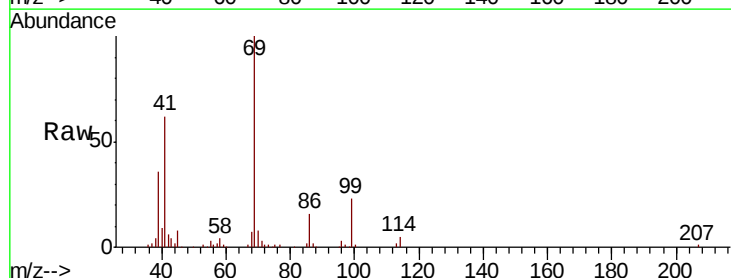
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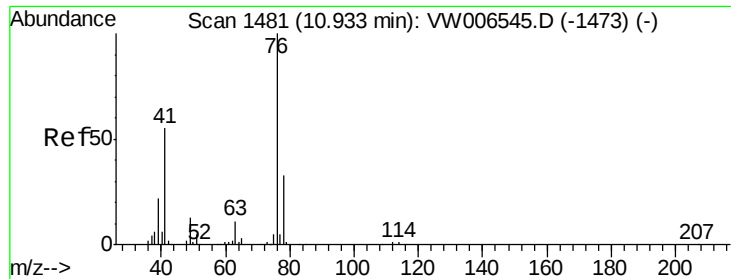
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#56
 Ethyl methacrylate
 Concen: 18.499 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: VW006735.D
 Acq: 07 Nov 2018 14:49

Tgt Ion:	69	Resp:	41854
Ion	Ratio	Lower	Upper
69	100		
41	62.9	47.4	71.2
39	32.7	25.3	37.9





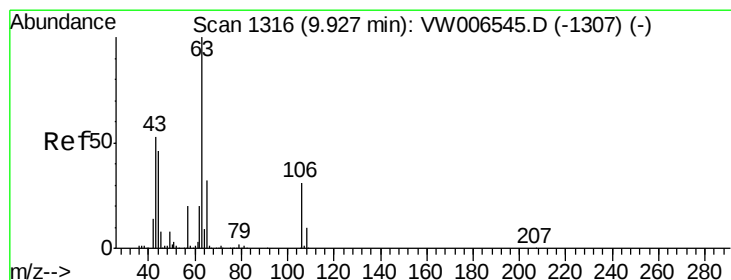
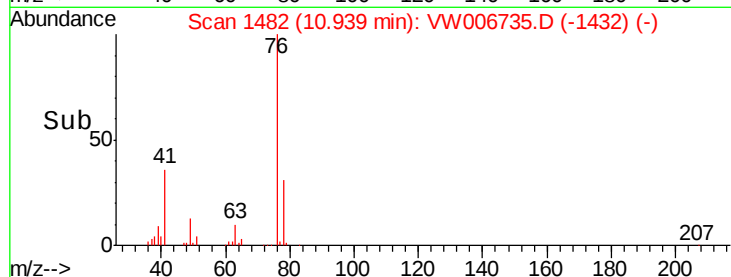
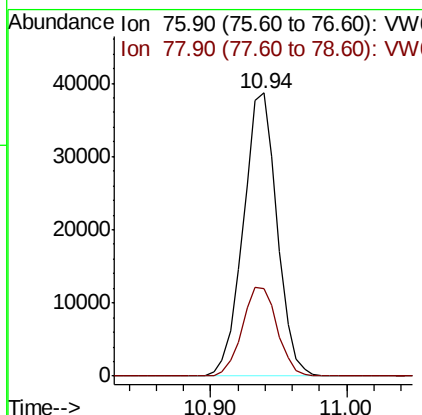
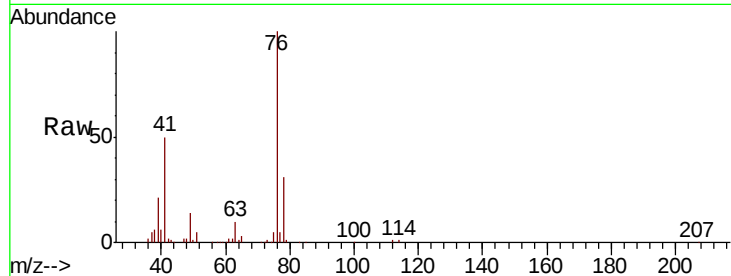
#57
 1,3-Dichloropropane
 Concen: 20.791 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: VW006735.D
 Acq: 07 Nov 2018 14:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1107SBS01

Tot Ion: 76 Resp: 67204
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.2 39.4

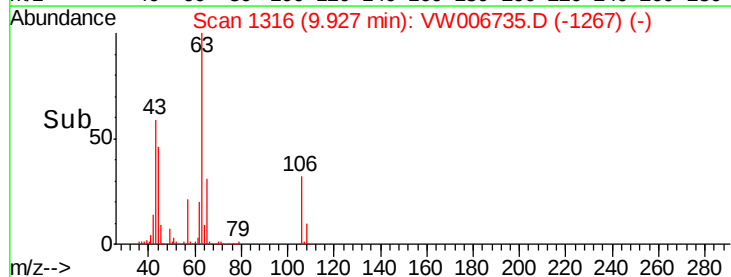
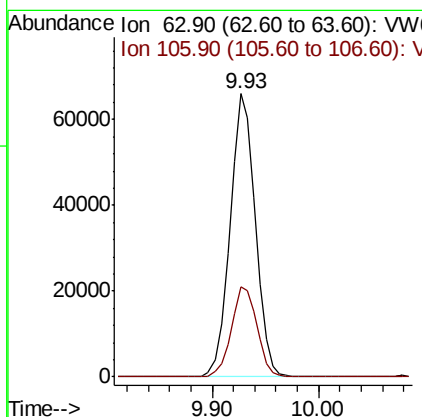
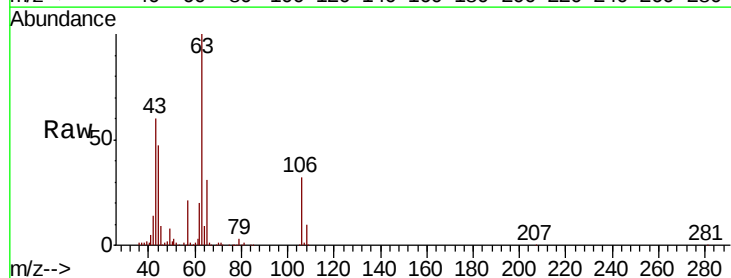
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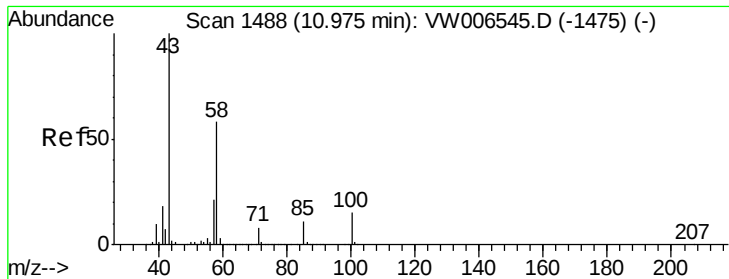
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#58
 2-Chloroethyl Vinyl ether
 Concen: 99.516 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006735.D
 Acq: 07 Nov 2018 14:49

Tgt Ion: 63 Resp: 109451
 Ion Ratio Lower Upper
 63 100
 106 32.3 25.4 38.2





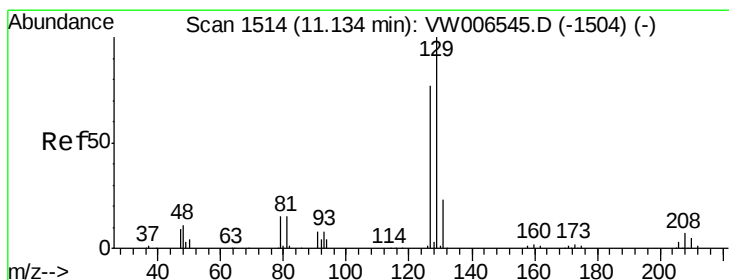
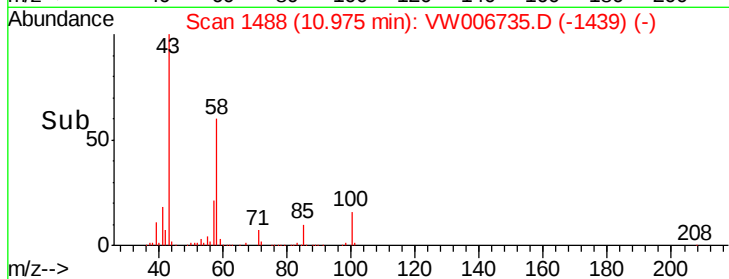
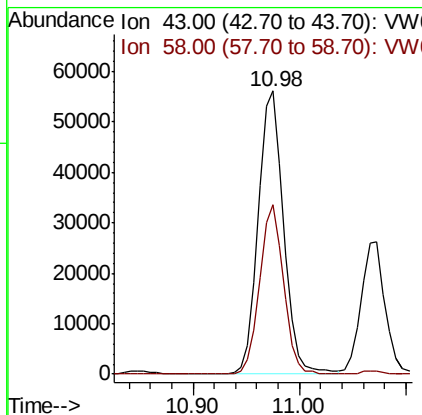
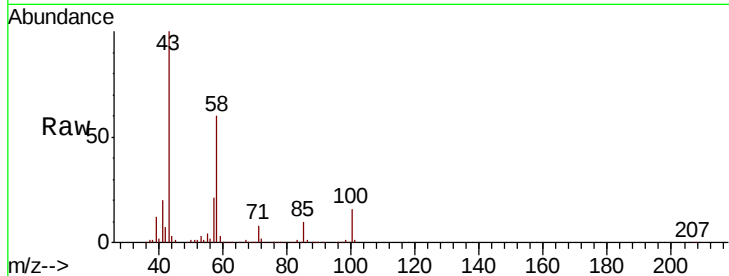
#59
2-Hexanone
Concen: 108.244 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VW006735.D
Acq: 07 Nov 2018 14:49

Instrument :
MSVOA_W
ClientSampleId :
VW1107SBS01

Tot Ion: 43 Resp: 94275
Ion Ratio Lower Upper
43 100
58 56.5 28.8 86.4

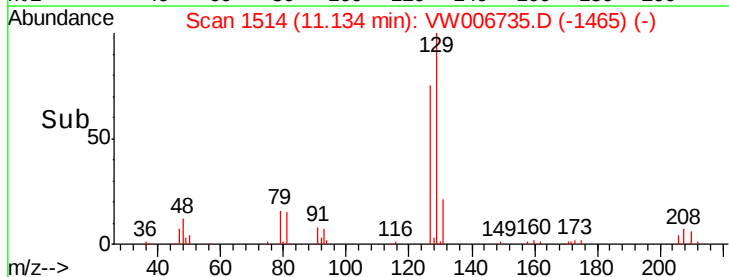
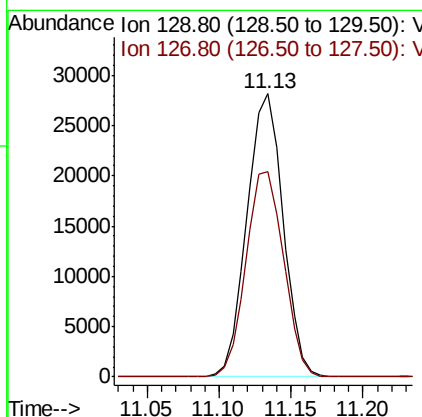
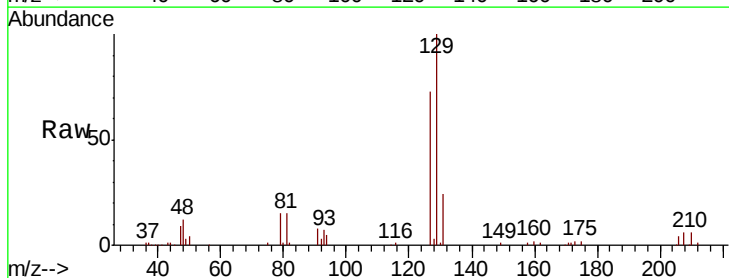
Manual Integrations
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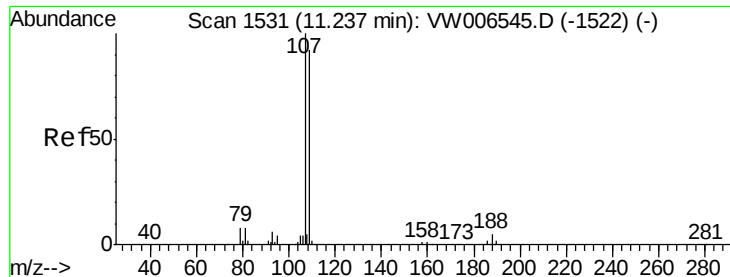
apatel
11/8/2018 11:03:23 AM



#60
Dibromochloromethane
Concen: 20.758 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006735.D
Acq: 07 Nov 2018 14:49

Tgt Ion: 129 Resp: 48957
Ion Ratio Lower Upper
129 100
127 75.5 38.8 116.3





#61

1,2-Dibromoethane

Concen: 20.053 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW006735.D

Acq: 07 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

VW1107SBS01

Tot Ion: 107 Resp: 39641

Ion Ratio Lower Upper

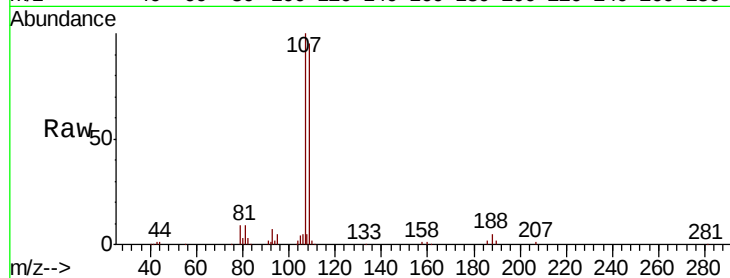
107 100

109 92.2 75.8 113.6

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

25000

20000

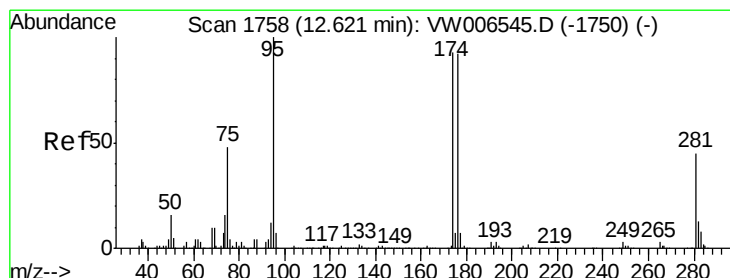
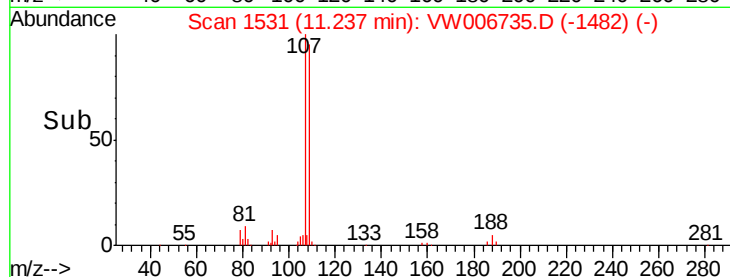
15000

10000

5000

0

Time--> 11.15 11.20 11.25 11.30



#62

4-Bromofluorobenzene

Concen: 48.542 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006735.D

Acq: 07 Nov 2018 14:49

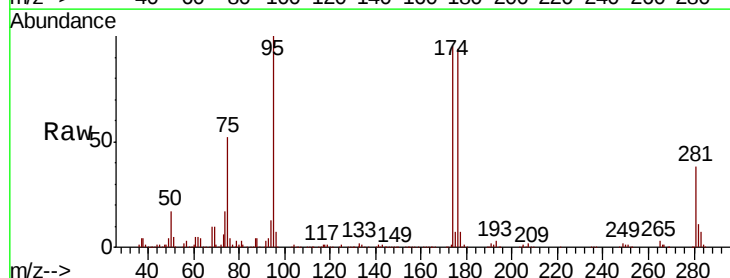
Tgt Ion: 95 Resp: 172624

Ion Ratio Lower Upper

95 100

174 97.2 0.0 192.4

176 95.0 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

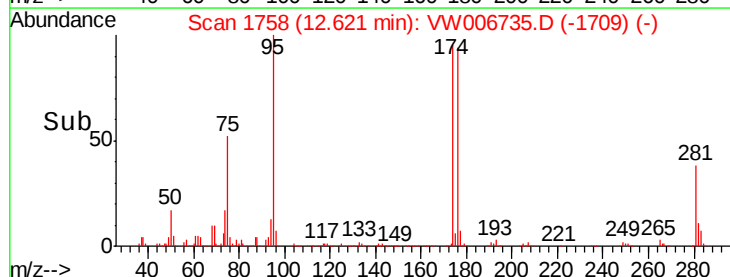
12.62

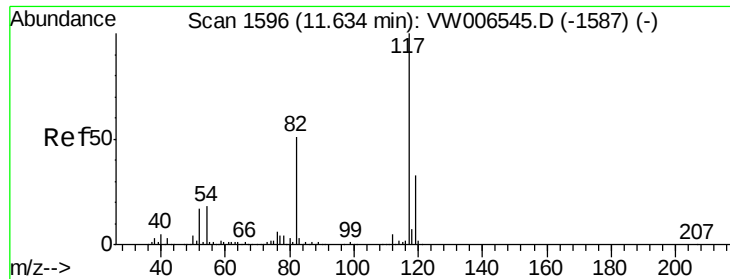
100000

50000

0

Time--> 12.60 12.70





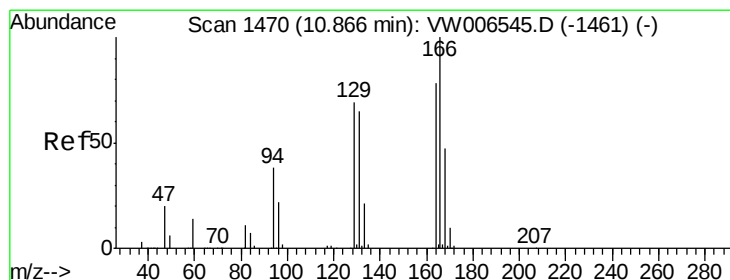
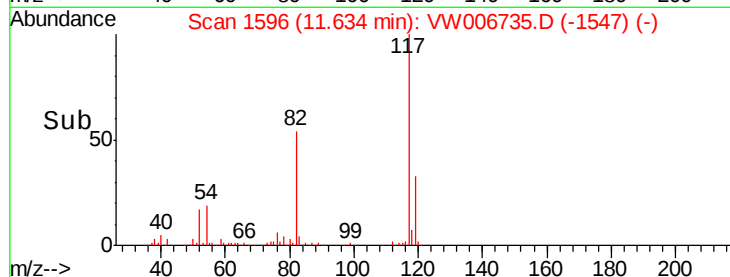
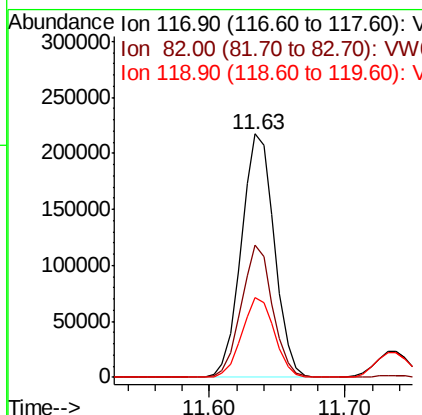
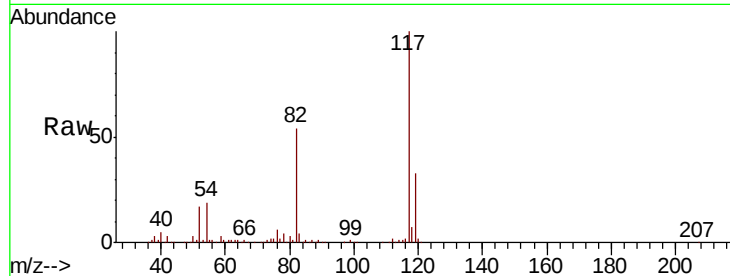
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006735.D
Acq: 07 Nov 2018 14:49

Instrument :
MSVOA_W
ClientSampleId :
VW1107SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	368866		
82	54.2		40.8	61.2
119	32.6		26.1	39.1

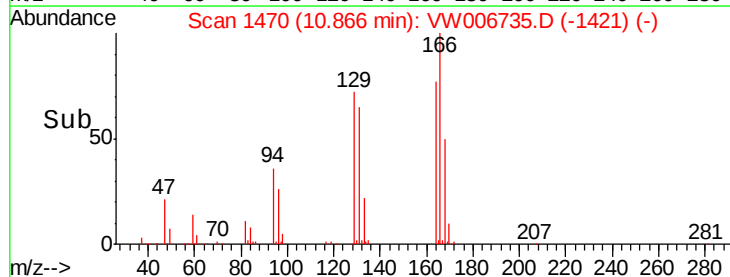
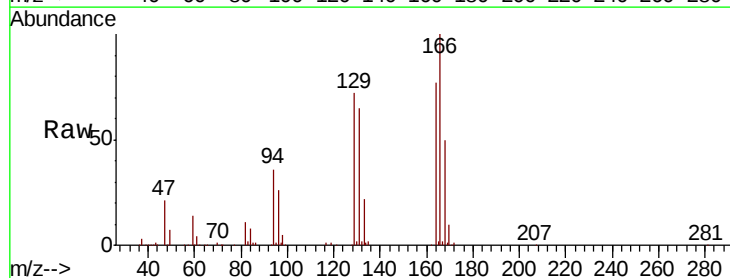
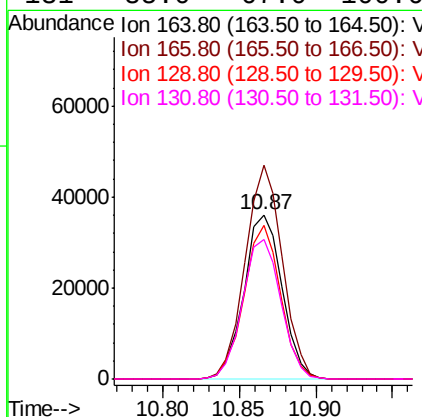
Manual Integrations
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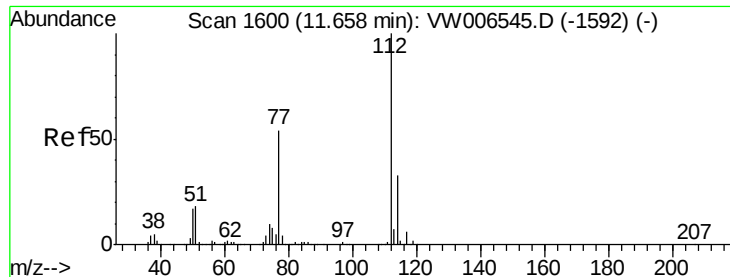
apatel
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#64
Tetrachloroethene
Concen: 21.242 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006735.D
Acq: 07 Nov 2018 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	62461		
166	130.2		102.8	154.2
129	94.0		70.9	106.3
131	85.0		67.0	100.6





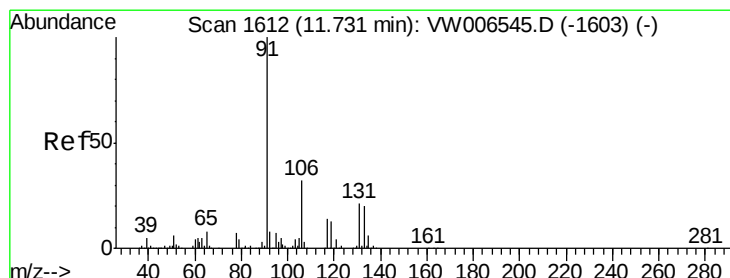
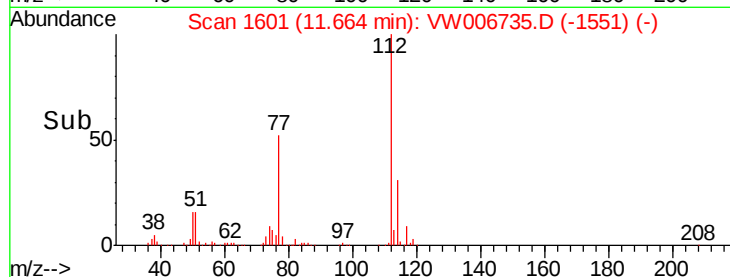
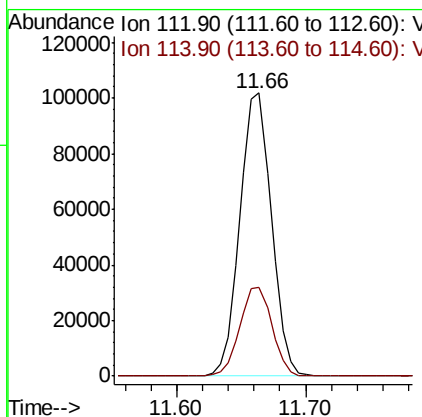
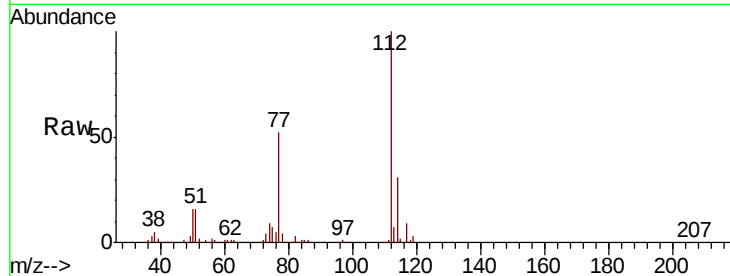
#65
Chlorobenzene
Concen: 22.254 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VW006735.D
Acq: 07 Nov 2018 14:49

Instrument :
MSVOA_W
ClientSampleId :
VW1107SBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.5	26.2	39.2

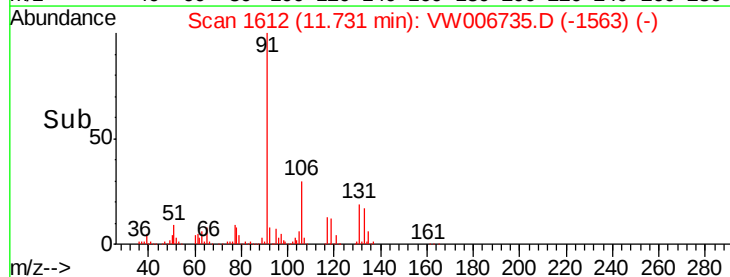
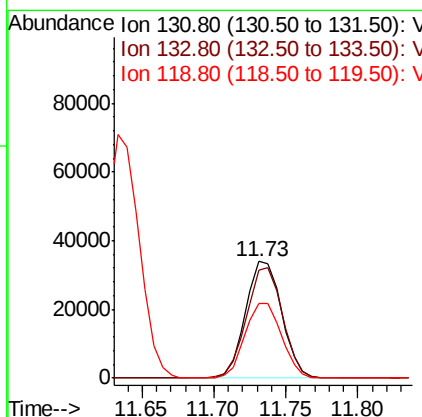
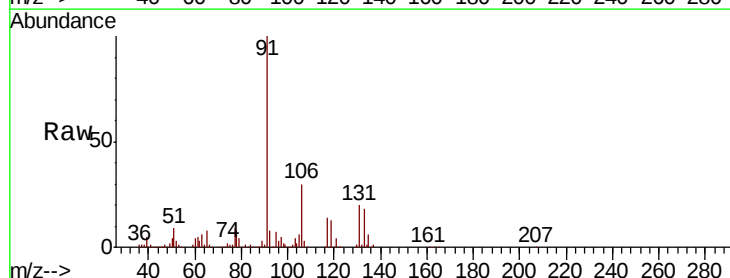
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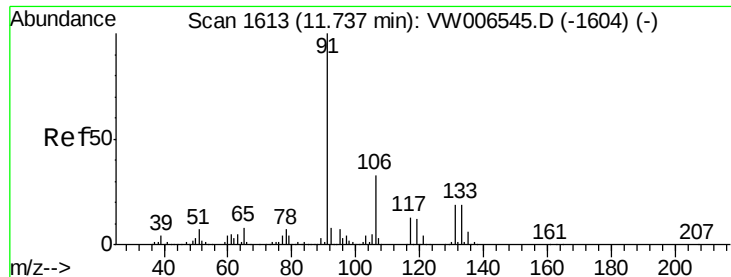
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.585 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006735.D
Acq: 07 Nov 2018 14:49

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.8	47.5	142.5
119	65.0	31.9	95.5





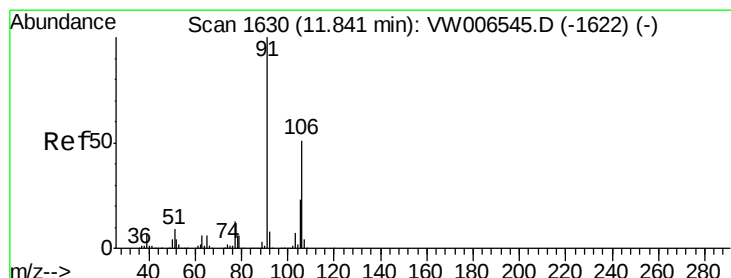
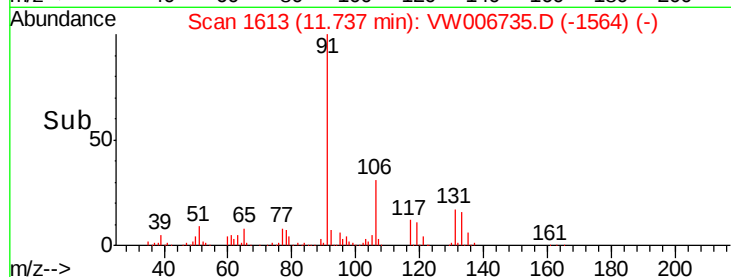
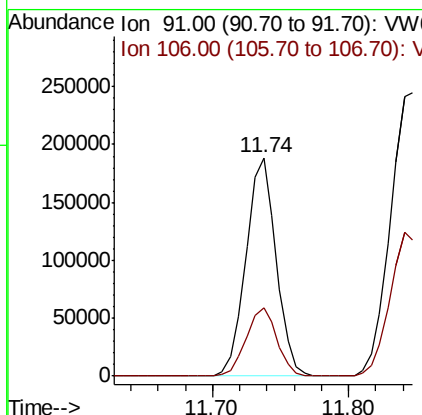
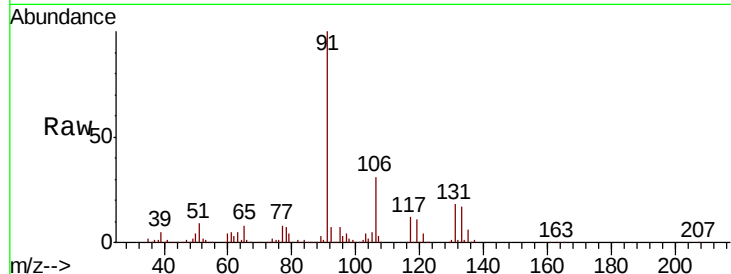
#67
Ethyl Benzene
Concen: 22.616 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006735.D
Acq: 07 Nov 2018 14:49

Instrument :
MSVOA_W
ClientSampleId :
VW1107SBS01

Tot Ion: 91 Resp: 293420
Ion Ratio Lower Upper
91 100
106 31.2 26.3 39.5

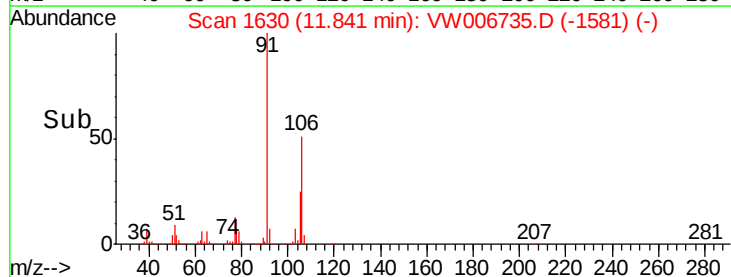
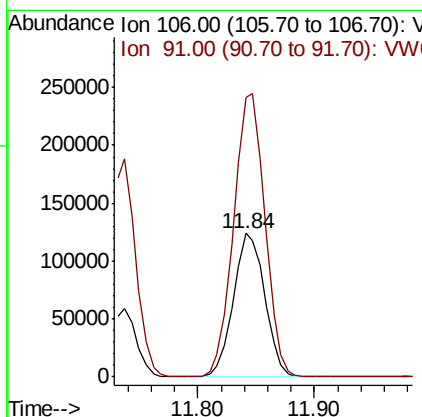
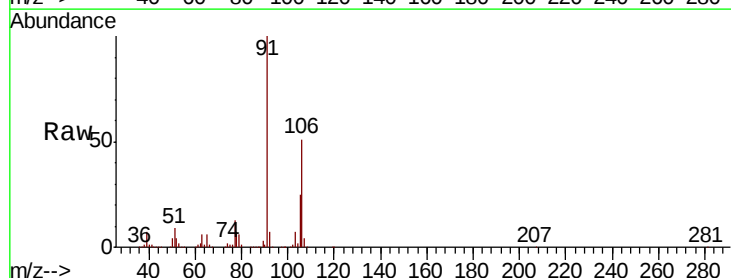
Manual Integrations
APPROVED

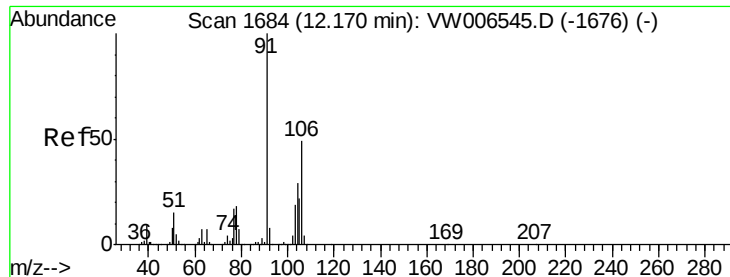
apatel
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#68
m/p-Xylenes
Concen: 44.966 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006735.D
Acq: 07 Nov 2018 14:49

Tgt Ion: 106 Resp: 233074
Ion Ratio Lower Upper
106 100
91 196.6 156.7 235.1





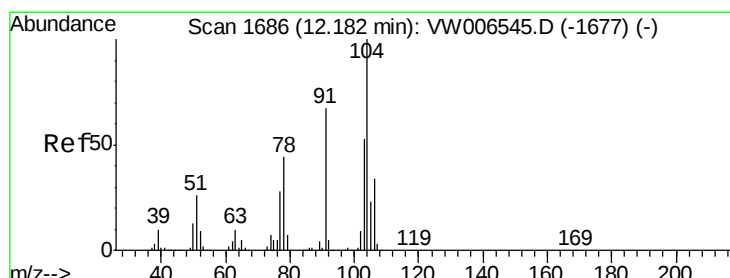
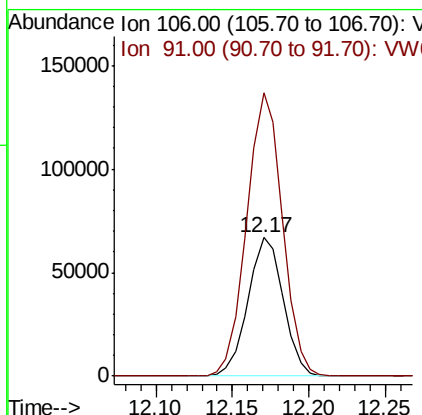
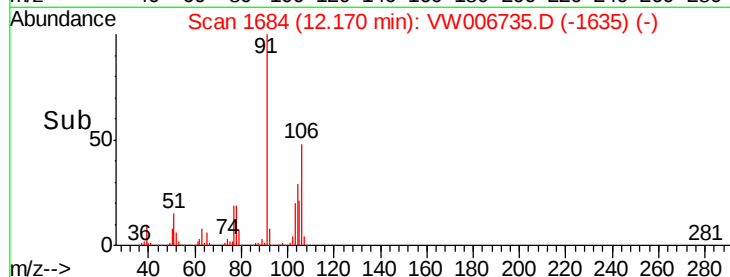
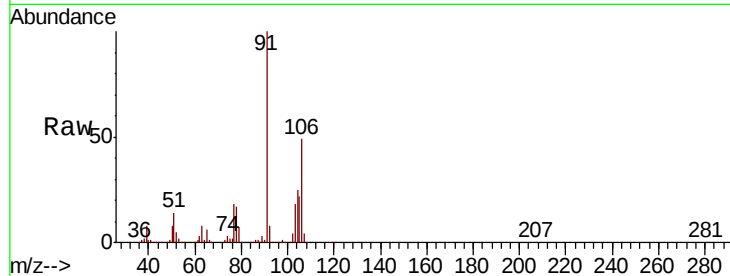
#69
o-Xylene
Concen: 21.788 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006735.D
Acq: 07 Nov 2018 14:49

Instrument :
MSVOA_W
ClientSampleId :
VW1107SBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	206.5	102.8	308.4

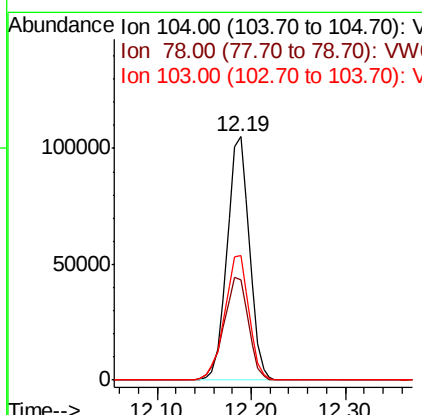
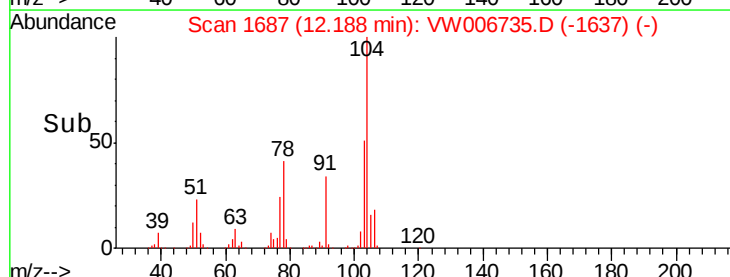
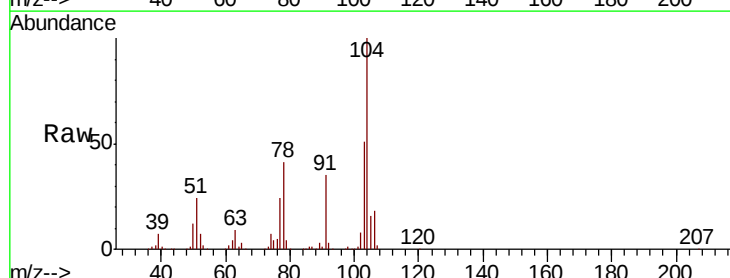
Manual Integrations
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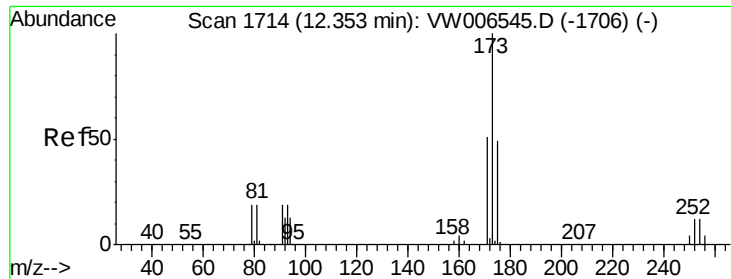
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#70
Styrene
Concen: 21.456 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. 0.01 min
Lab File: VW006735.D
Acq: 07 Nov 2018 14:49

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





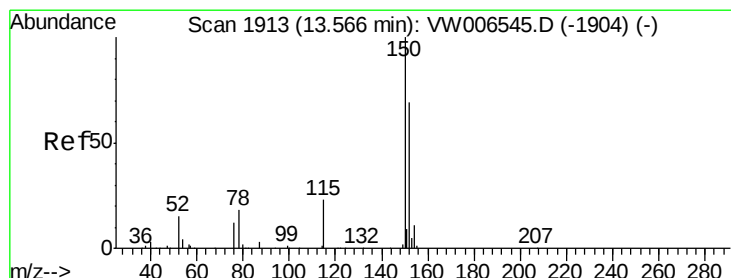
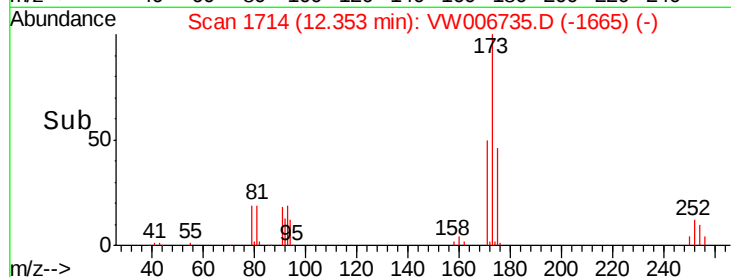
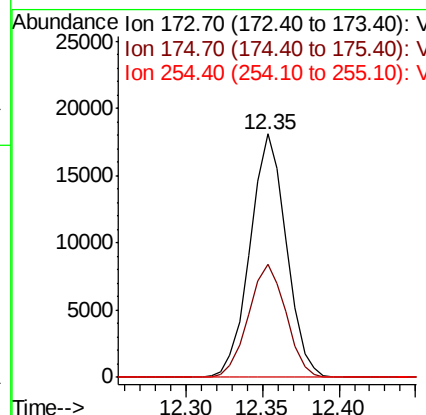
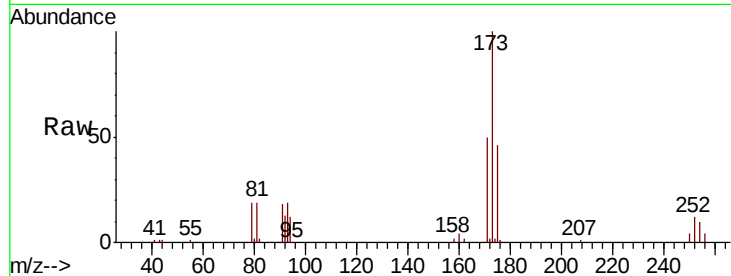
#71
Bromoform
Concen: 20.633 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW006735.D
Acq: 07 Nov 2018 14:49

Instrument :
MSVOA_W
ClientSampleId :
VW1107SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.6	24.1	72.4
254	0.0	0.1	0.1#

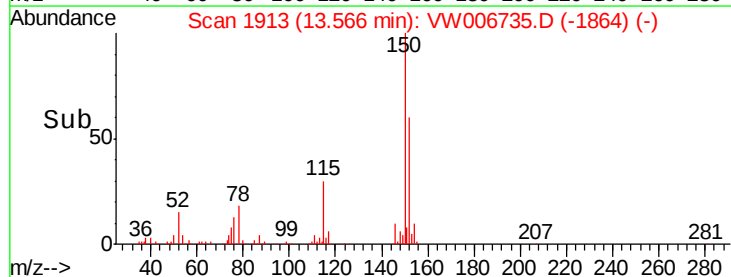
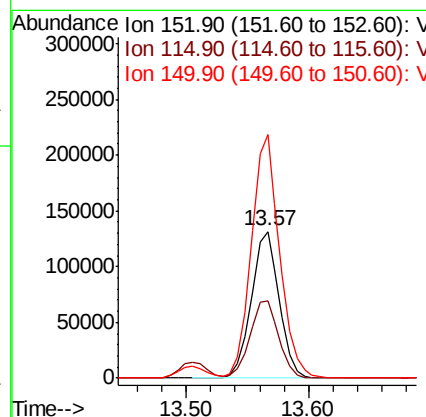
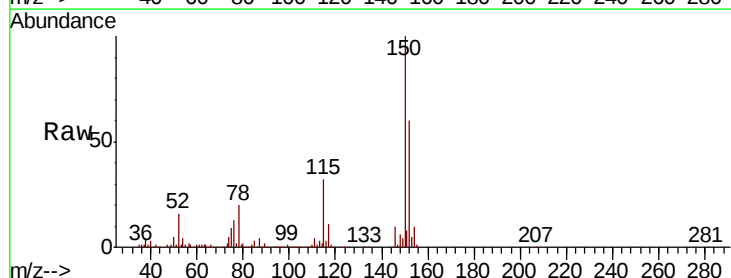
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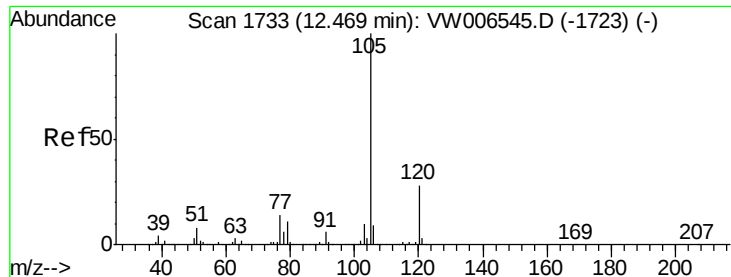
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006735.D
Acq: 07 Nov 2018 14:49

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.7	26.6	79.8
150	169.3	0.0	344.6





#73

Isopropylbenzene

Concen: 22.408 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006735.D

Acq: 07 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

VW1107SBSD01

Tot Ion: 105 Resp: 304764

Ion Ratio Lower Upper

105 100

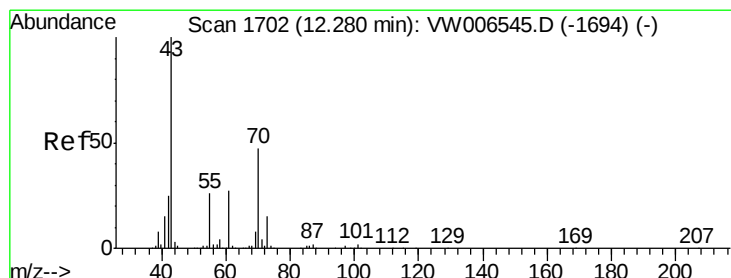
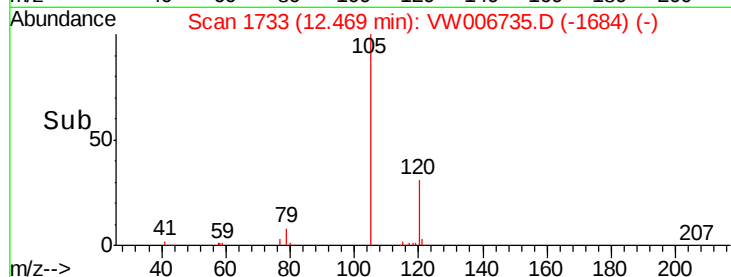
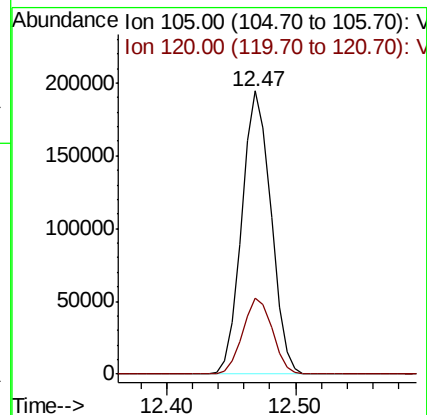
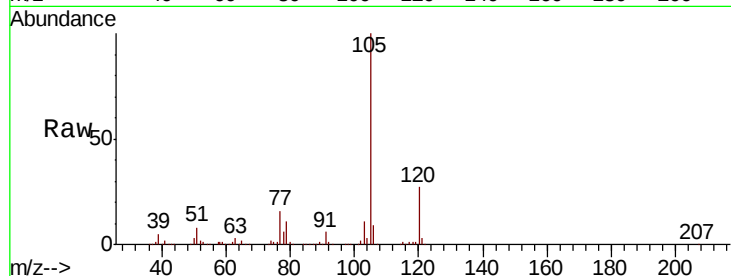
120 27.3 13.7 41.1

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#74

N-ethyl acetate

Concen: 19.803 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW006735.D

Acq: 07 Nov 2018 14:49

Tgt Ion: 43 Resp: 46543

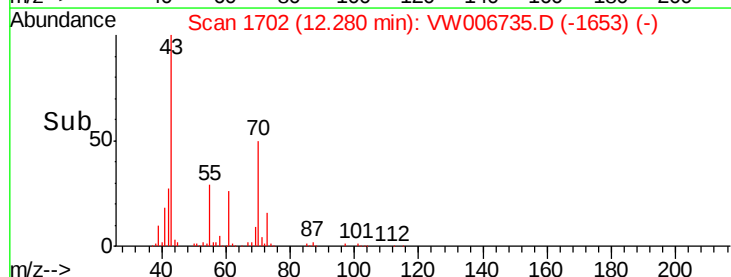
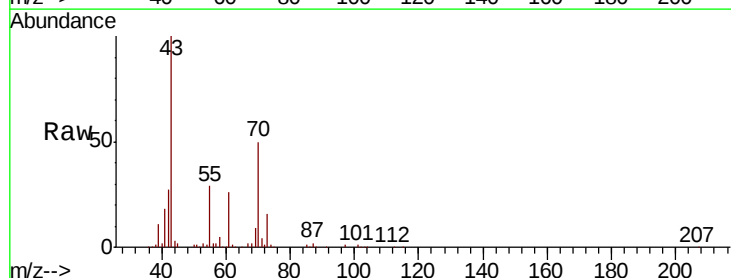
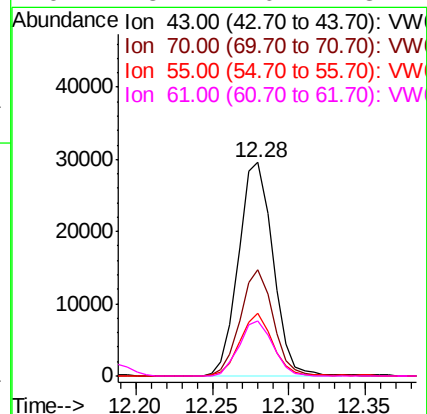
Ion Ratio Lower Upper

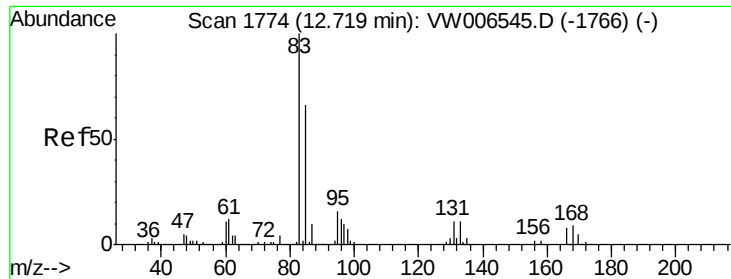
43 100

70 47.2 36.9 55.3

55 27.7 20.7 31.1

61 25.2 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 21.148 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006735.D

Acq: 07 Nov 2018 14:49

Instrument :

MSVOA_W

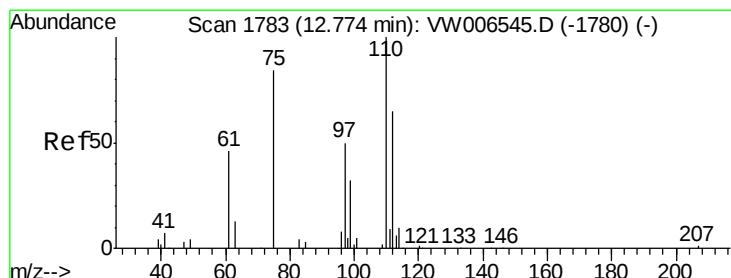
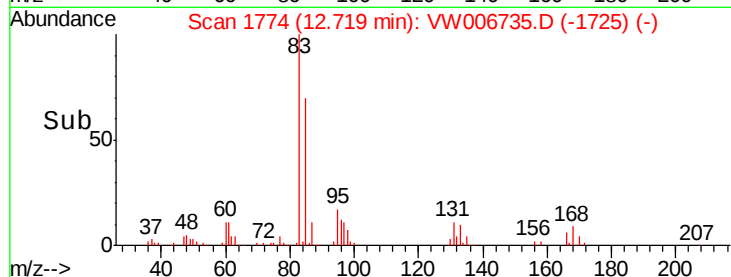
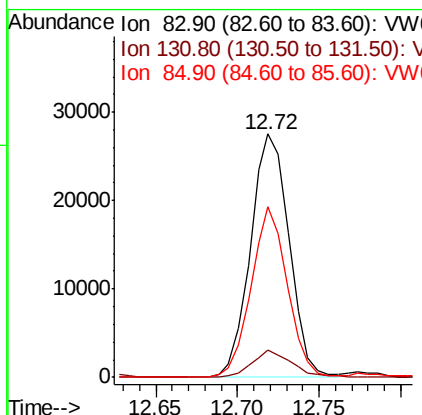
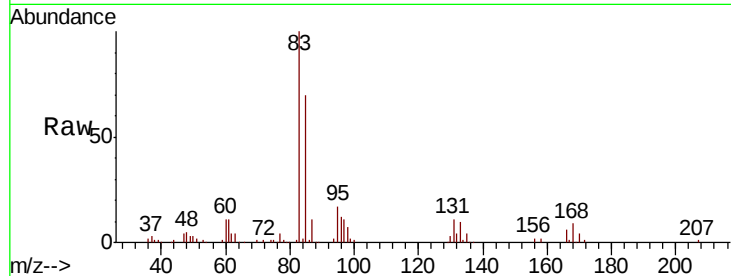
ClientSampled :

VW1107SBSD01

Tot Ion:	83	Resp:	45428
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.9	17.7
85	65.6	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 18.885 ug/l m

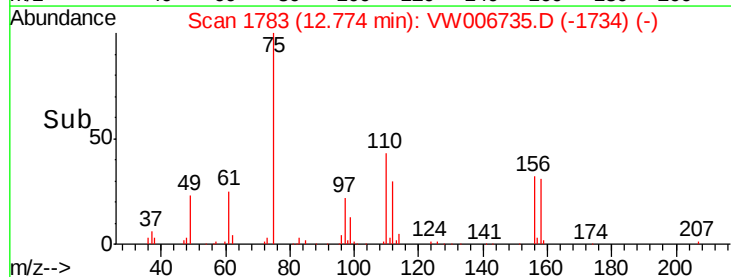
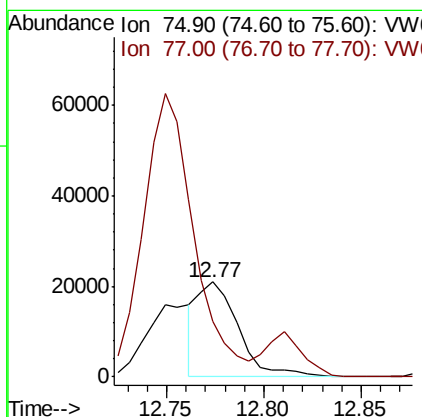
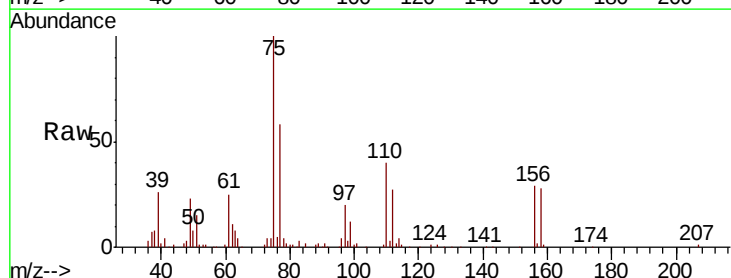
RT: 12.77 min Scan# 1783

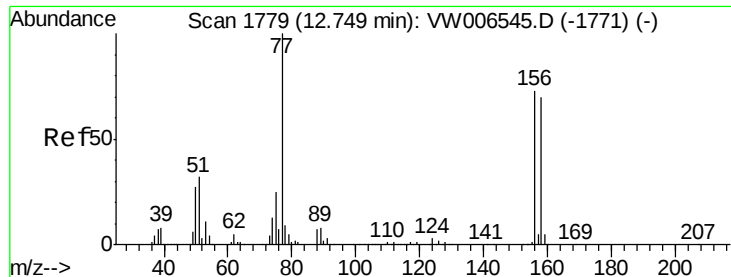
Delta R.T. 0.00 min

Lab File: VW006735.D

Acq: 07 Nov 2018 14:49

Tgt Ion:	75	Resp:	30421
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.498 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006735.D

Acq: 07 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

VW1107SBSD01

Tot Ion:156 Resp: 75705

Ion Ratio Lower Upper

156 100

77 149.5 75.9 227.8

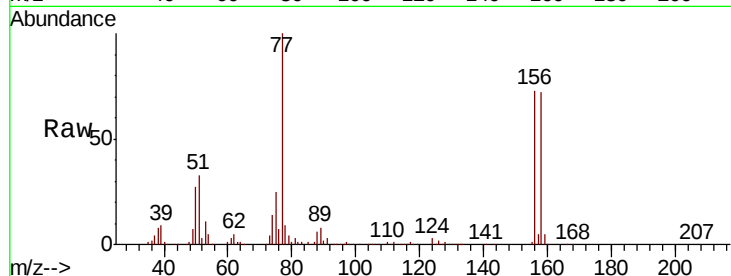
158 99.5 48.6 145.9

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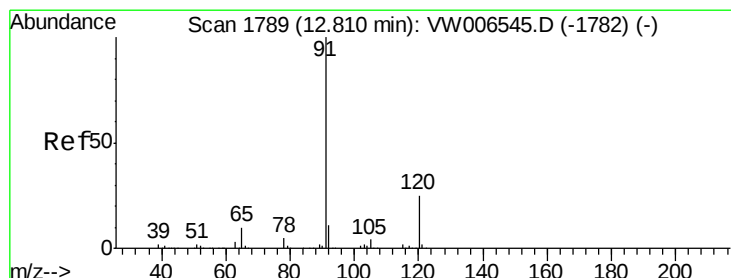
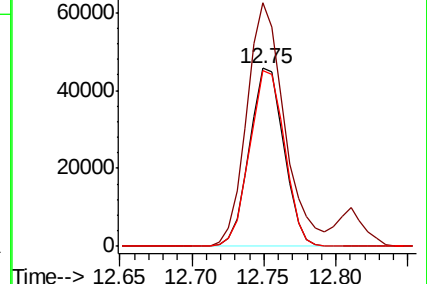
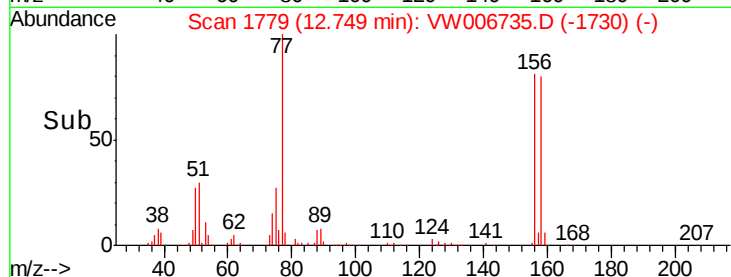
11/8/2018 11:03:23 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.924 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006735.D

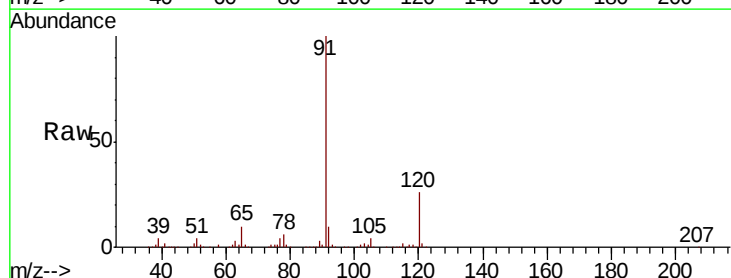
Acq: 07 Nov 2018 14:49

Tgt Ion: 91 Resp: 358627

Ion Ratio Lower Upper

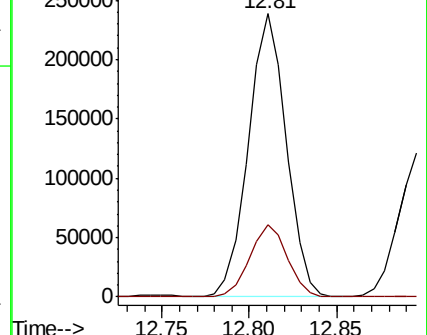
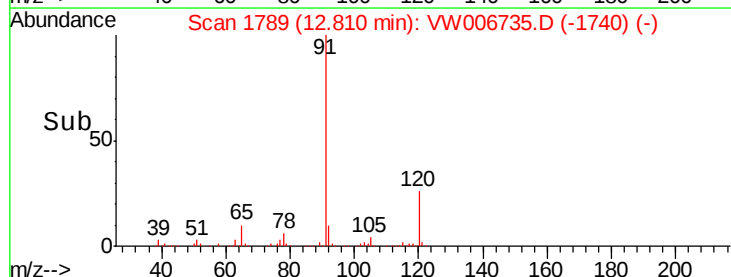
91 100

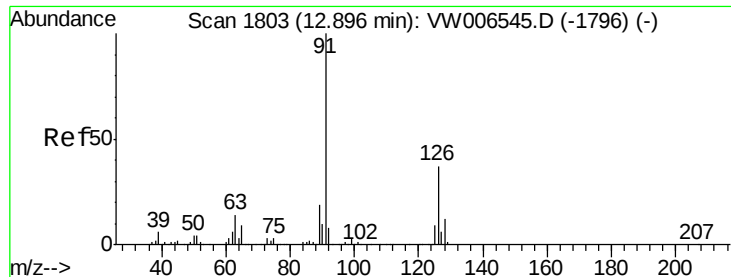
120 25.2 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.210 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006735.D

Acq: 07 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampled :

VW1107SBS01

Tot Ion: 91 Resp: 199403

Ion Ratio Lower Upper

91 100

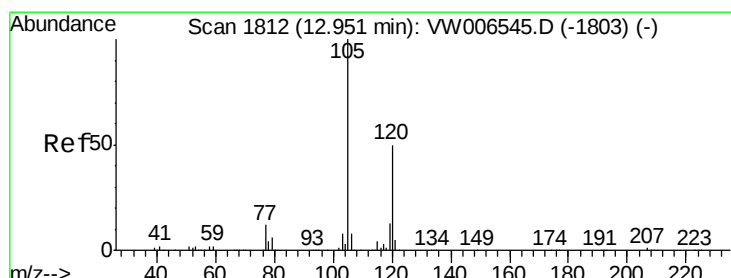
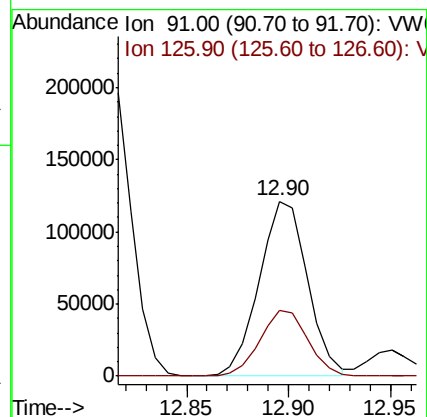
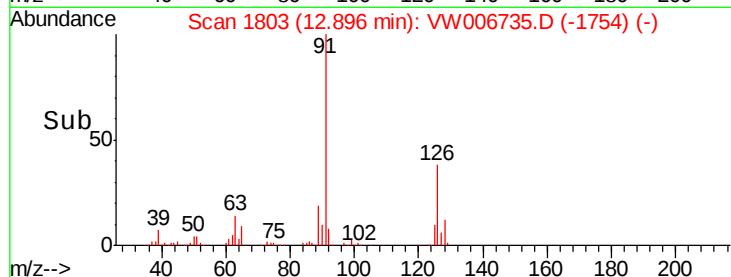
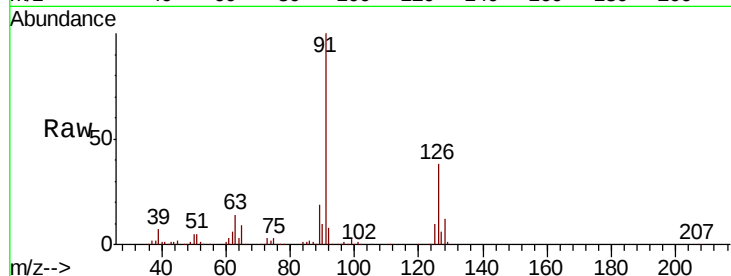
126 37.5 18.5 55.5

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#80

1,3,5-Trimethylbenzene

Concen: 22.660 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006735.D

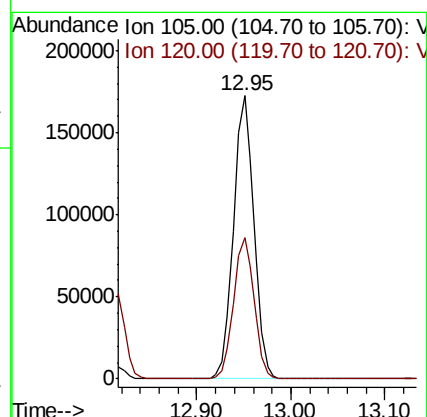
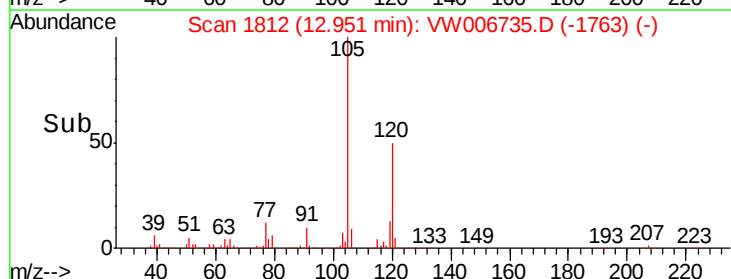
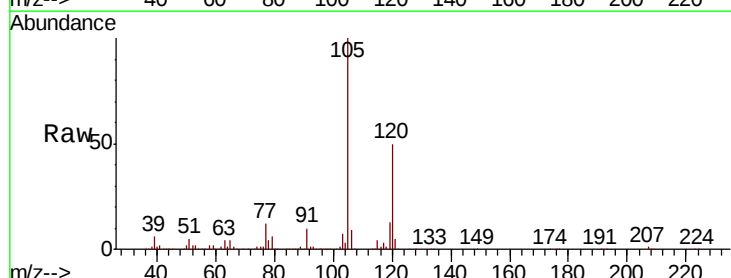
Acq: 07 Nov 2018 14:49

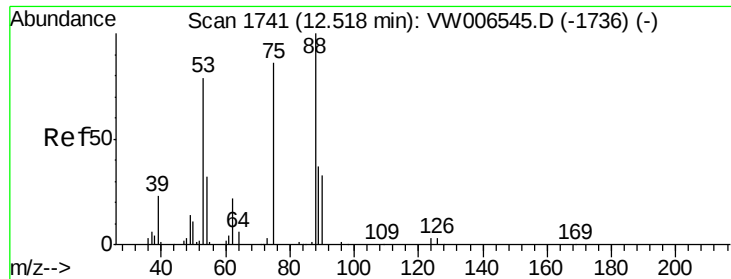
Tgt Ion: 105 Resp: 258920

Ion Ratio Lower Upper

105 100

120 50.4 25.1 75.3





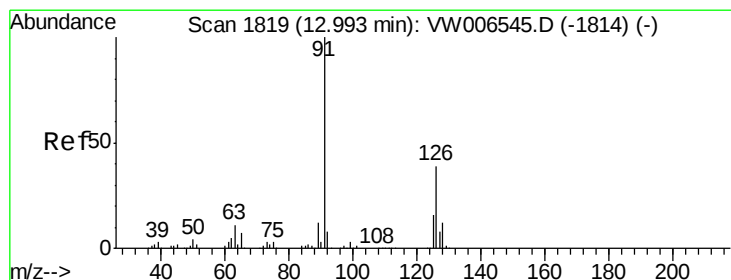
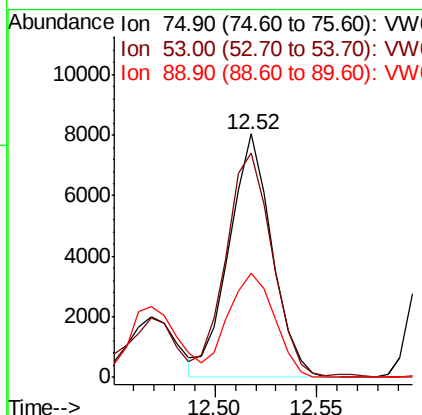
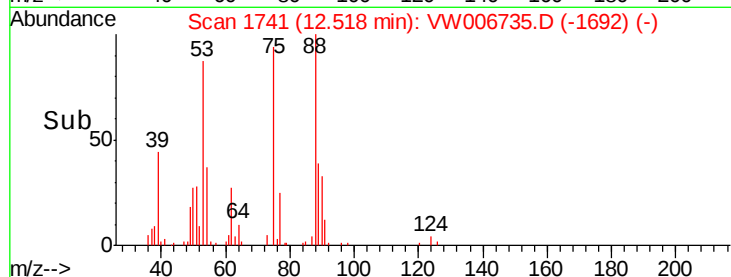
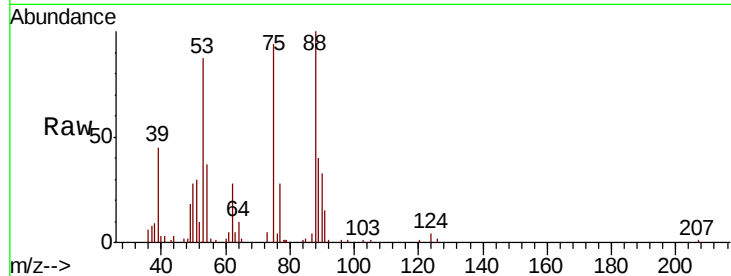
#81
trans-1,4-Dichloro-2-butene
Concen: 20.532 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006735.D
Acq: 07 Nov 2018 14:49

Instrument :
MSVOA_W
ClientSampleId :
VW1107SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.7	77.2	115.8
89	46.3	38.6	58.0

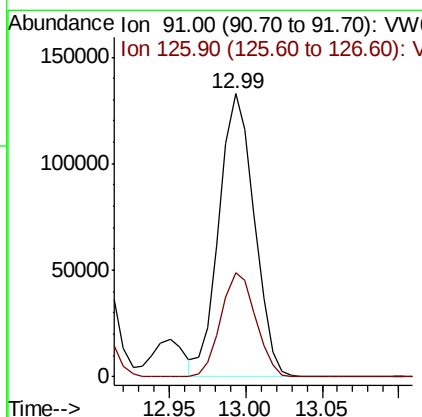
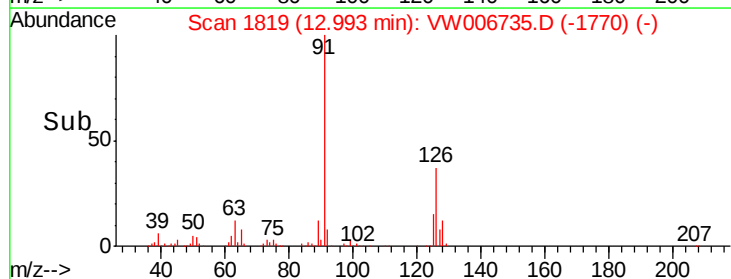
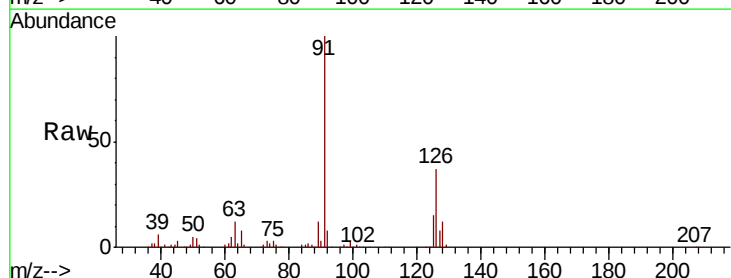
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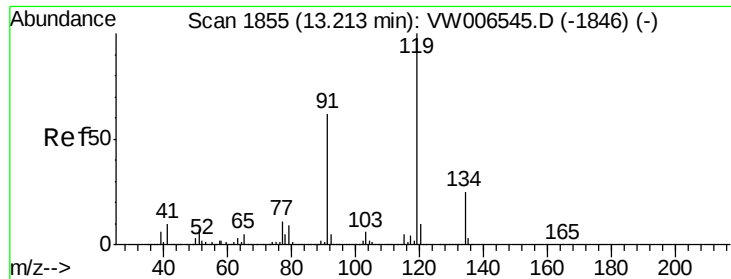
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#82
4-Chlorotoluene
Concen: 22.313 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006735.D
Acq: 07 Nov 2018 14:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.6	18.5	55.5





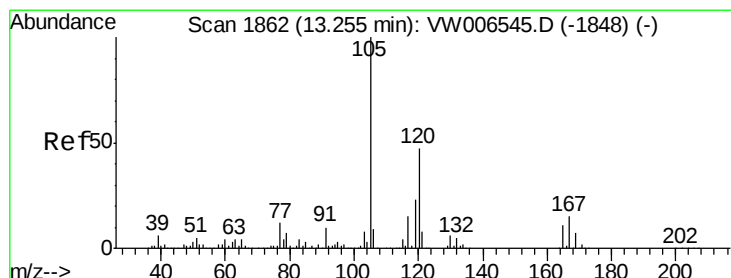
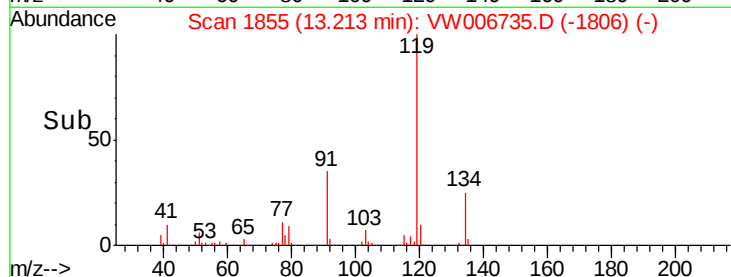
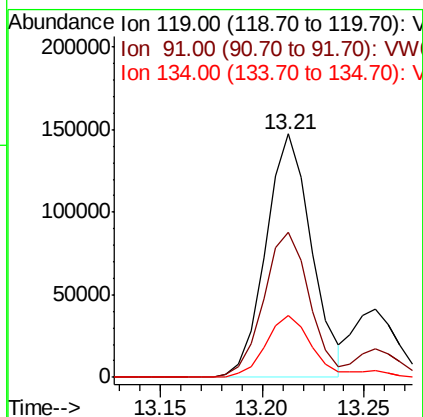
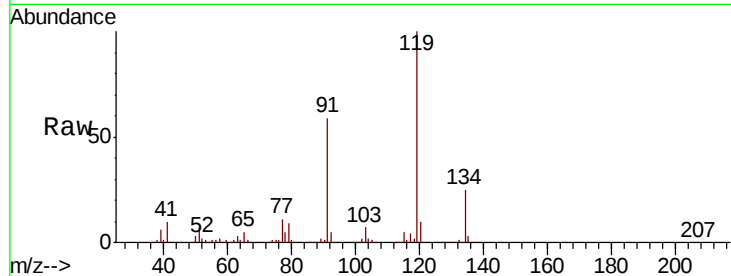
#83
tert-Butylbenzene
Concen: 22.609 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006735.D
Acq: 07 Nov 2018 14:49

Instrument :
MSVOA_W
ClientSampleId :
VW1107SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	230385		
91	59.7		30.4	91.3
134	27.4		13.5	40.4

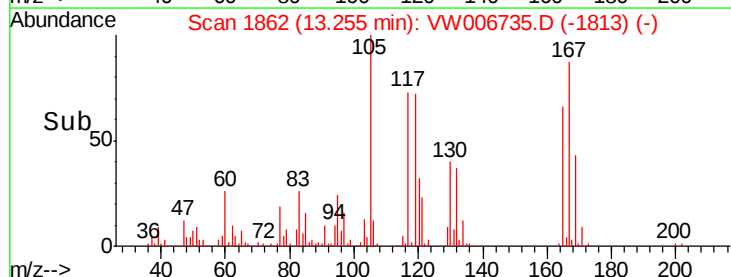
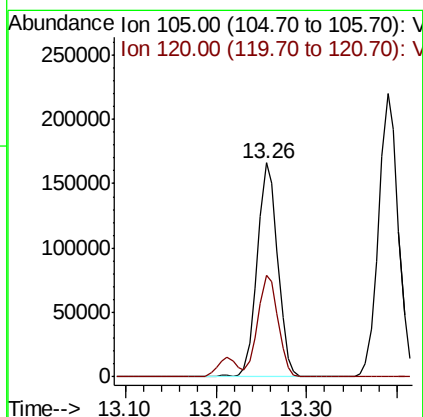
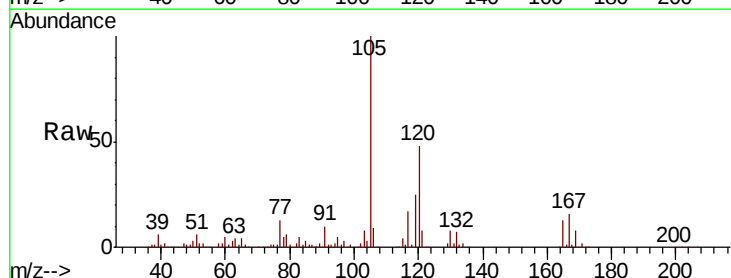
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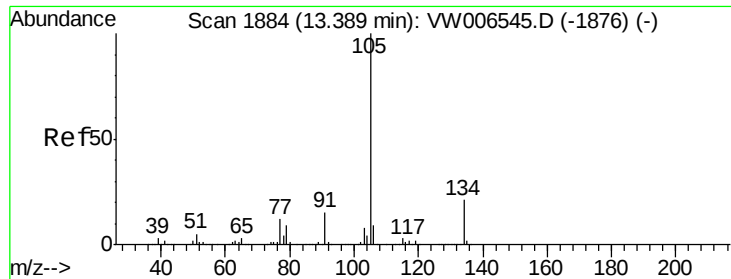
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#84
1,2,4-Trimethylbenzene
Concen: 22.239 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006735.D
Acq: 07 Nov 2018 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	260643		
120	46.8		23.2	69.6





#85

sec-Butylbenzene

Concen: 23.108 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006735.D

Acq: 07 Nov 2018 14:49

Instrument :

MSVOA_W

ClientSampleId :

VW1107SBS01

Tot Ion:105 Resp: 329789

Ion Ratio Lower Upper

105 100

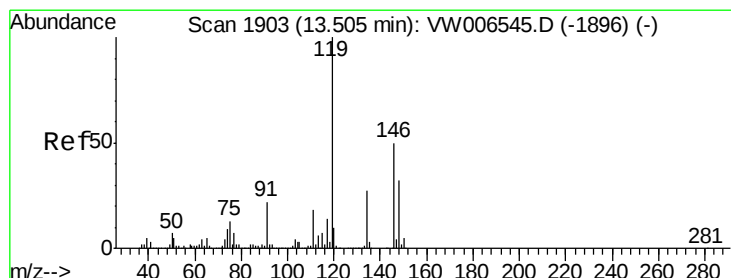
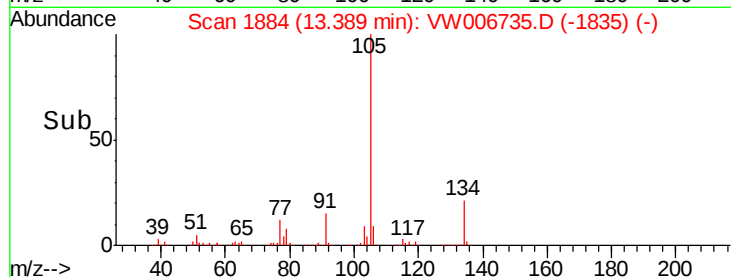
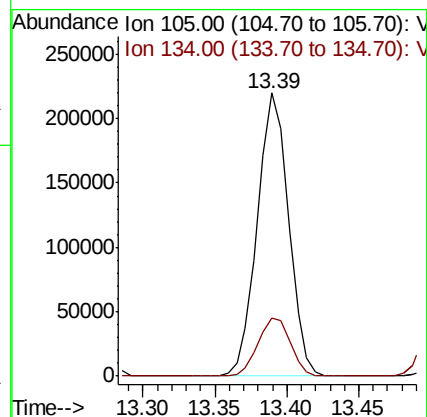
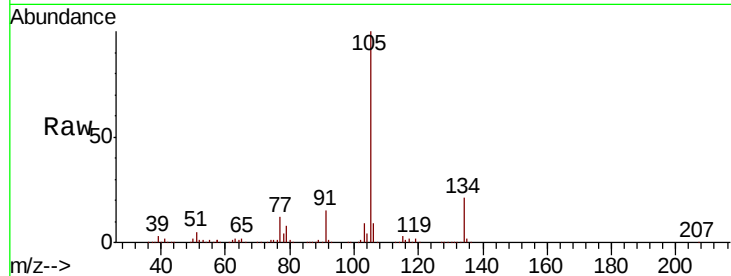
134 21.4 10.6 31.8

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 22.806 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006735.D

Acq: 07 Nov 2018 14:49

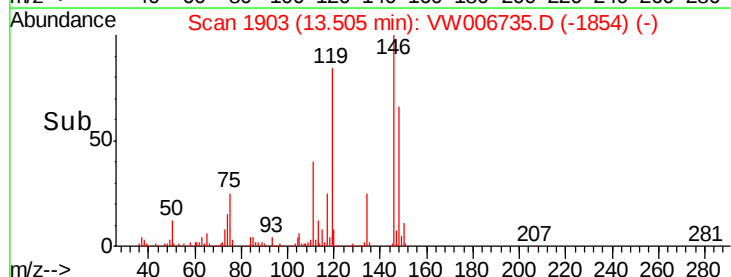
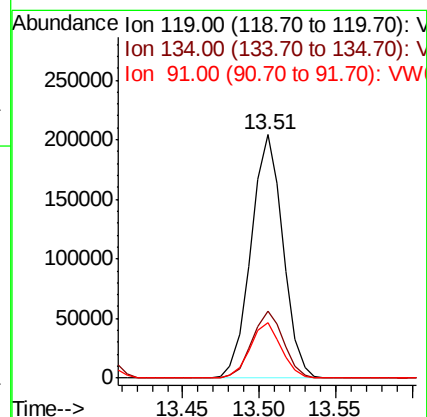
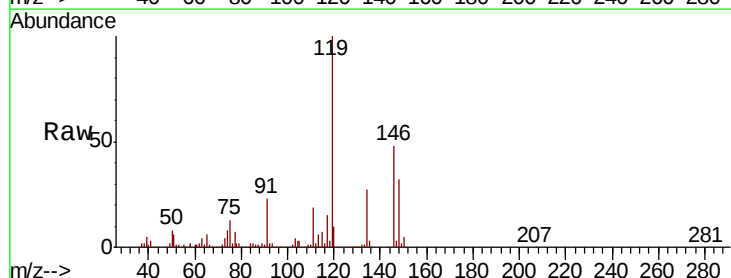
Tgt Ion:119 Resp: 296148

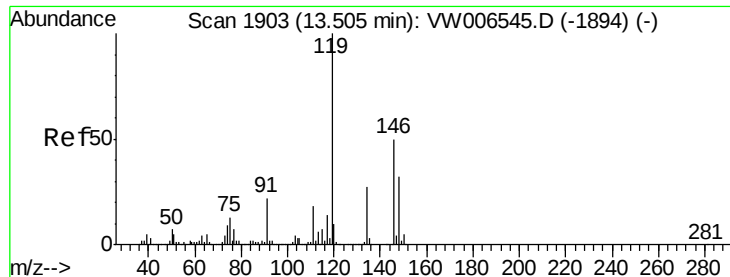
Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.7

91 22.2 10.9 32.6





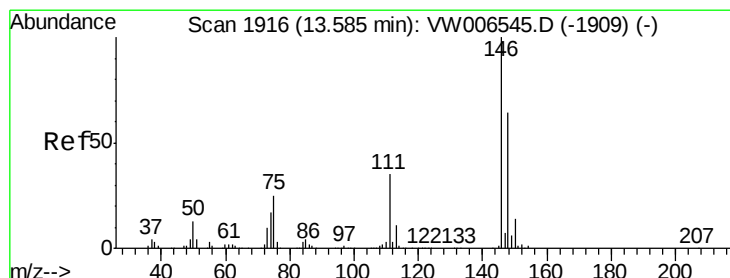
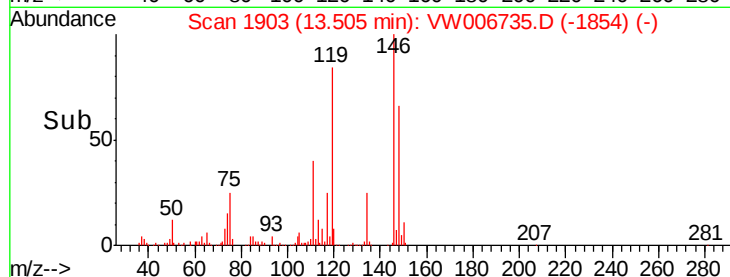
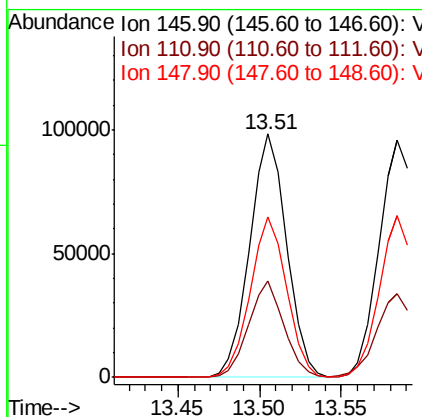
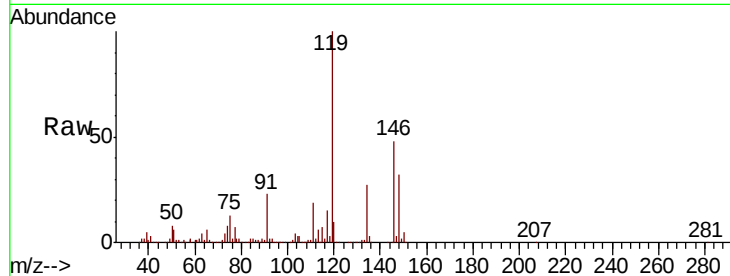
#87
 1,3-Dichlorobenzene
 Concen: 22.323 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006735.D
 Acq: 07 Nov 2018 14:49

Instrument :
 MSVOA_W
 ClientSampled :
 VW1107SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	154812		
111	37.8	18.6	55.6	
148	64.9	32.1	96.3	

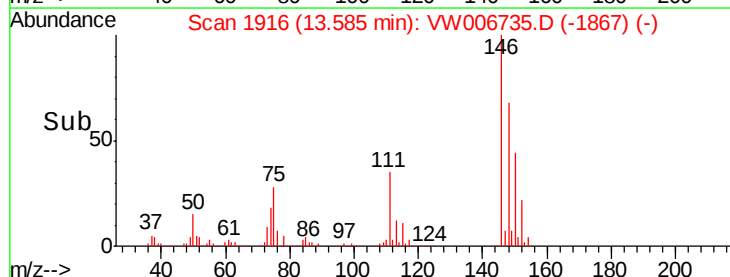
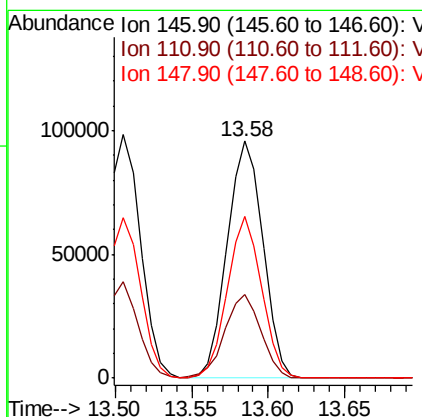
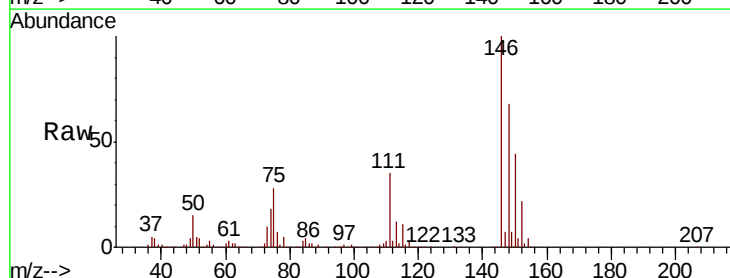
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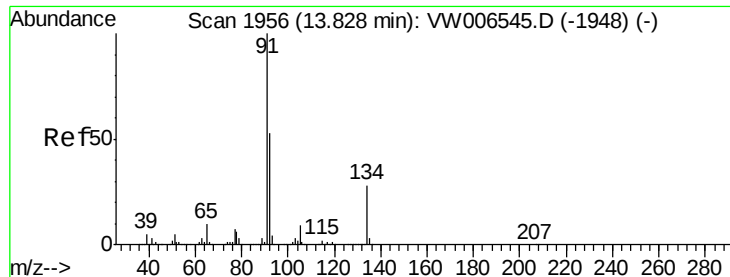
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#88
 1,4-Dichlorobenzene
 Concen: 22.547 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006735.D
 Acq: 07 Nov 2018 14:49

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	154997		
111	35.9	17.9	53.7	
148	65.4	32.1	96.5	





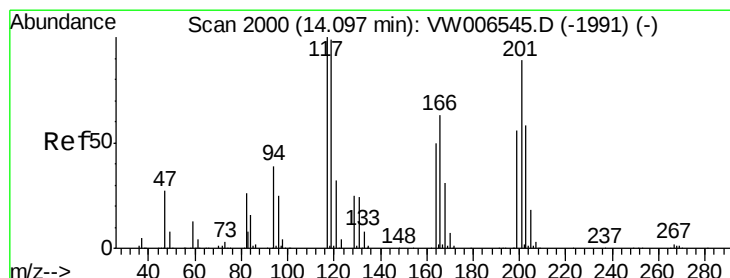
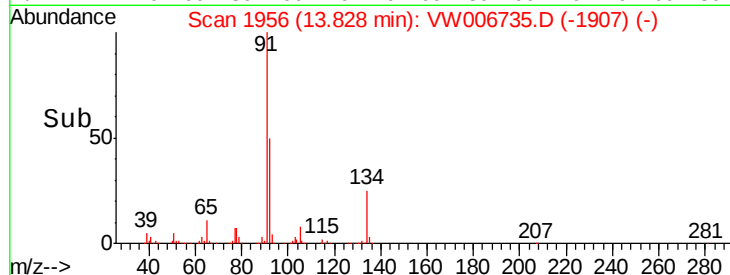
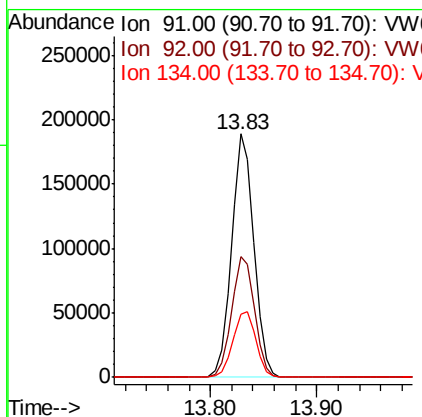
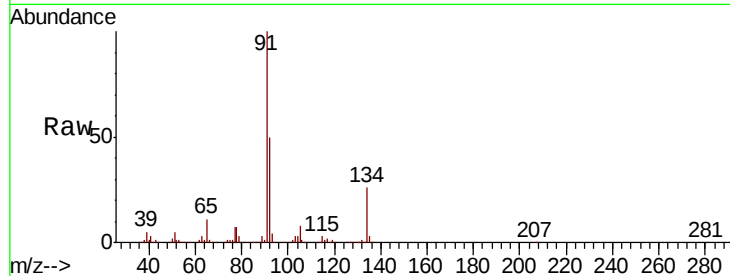
#89
n-Butylbenzene
Concen: 23.951 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006735.D
Acq: 07 Nov 2018 14:49

Instrument :
MSVOA_W
ClientSampleId :
VW1107SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.1	26.4	79.0
134	28.2	14.3	42.9

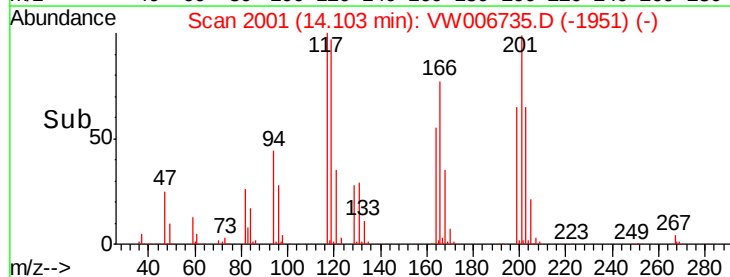
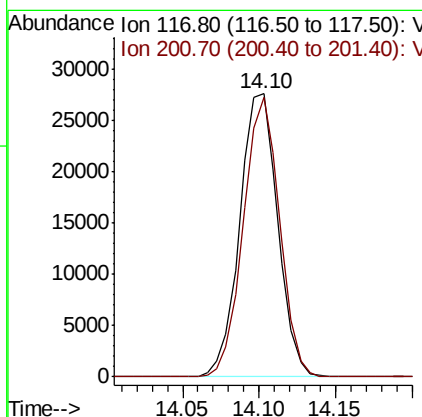
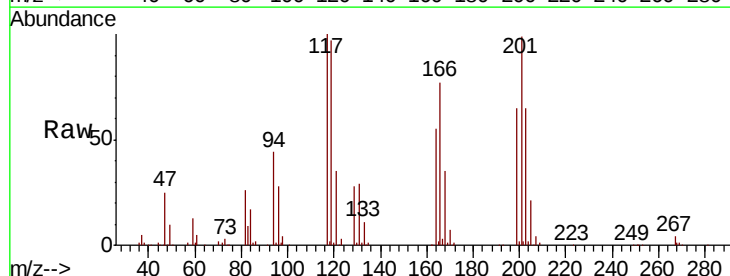
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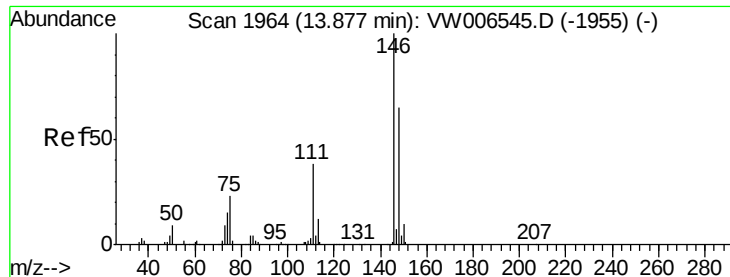
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#90
Hexachloroethane
Concen: 22.371 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW006735.D
Acq: 07 Nov 2018 14:49

Tgt Ion	Ratio	Lower	Upper
117	100		
201	94.1	46.8	140.3





#91

1,2-Dichlorobenzene

Concen: 21.730 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW006735.D

Acq: 07 Nov 2018 14:49

Instrument :

MSVOA_W

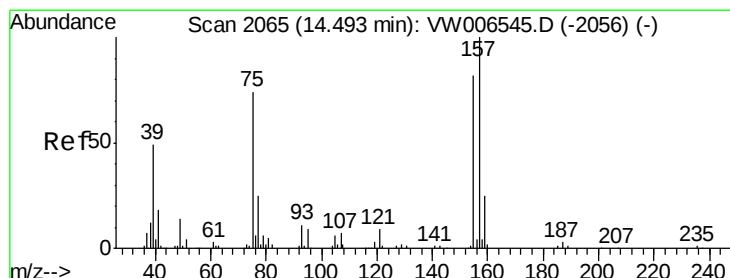
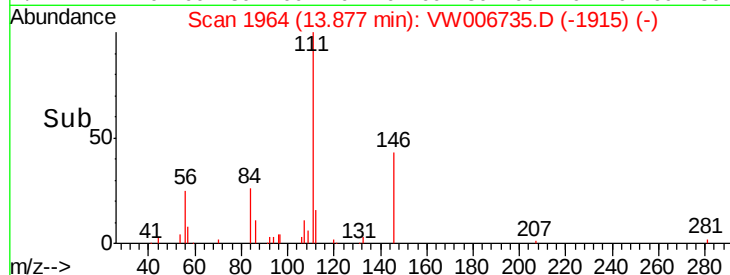
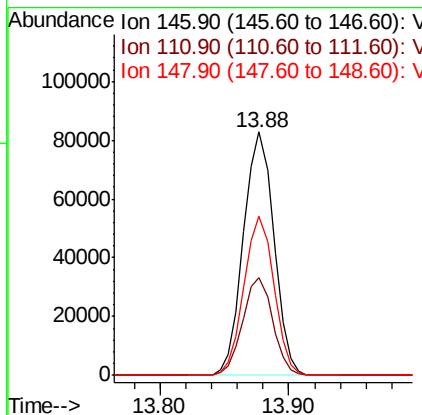
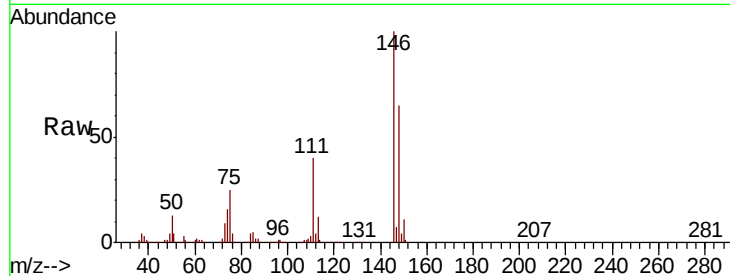
ClientSampleId :

VW1107SBS01

Tot Ion:	146	Resp:	135556
Ion Ratio	Lower	Upper	
146	100		
111	39.3	19.1	57.5
148	64.2	32.0	96.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.882 ug/l

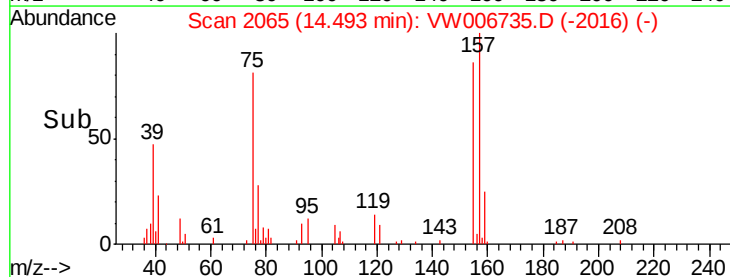
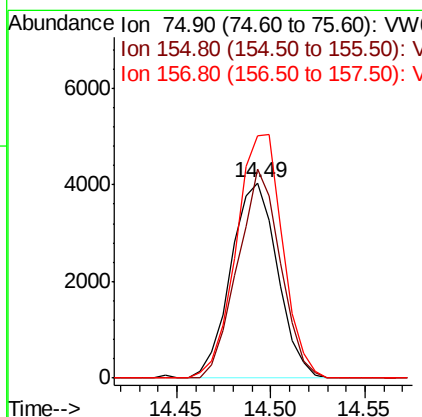
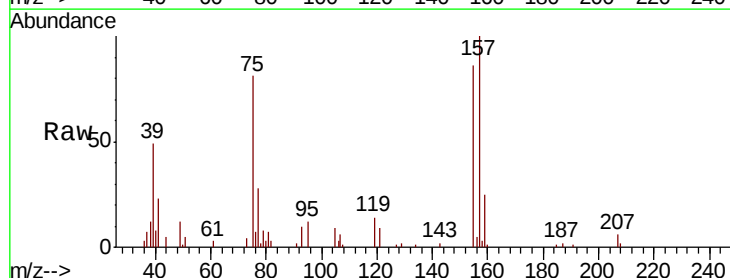
RT: 14.49 min Scan# 2065

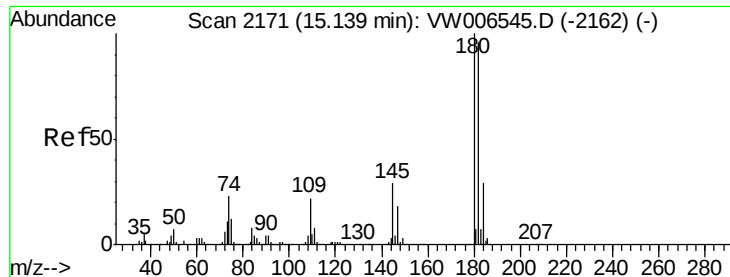
Delta R.T. 0.00 min

Lab File: VW006735.D

Acq: 07 Nov 2018 14:49

Tgt Ion:	75	Resp:	6930
Ion Ratio	Lower	Upper	
75	100		
155	98.2	50.6	151.8
157	124.5	65.0	195.0





#93

1,2,4-Trichlorobenzene

Concen: 21.786 ug/l

RT: 15.14 min Scan# 2171

Delta R.T. 0.00 min

Lab File: VW006735.D

Acq: 07 Nov 2018 14:49

Instrument :

MSVOA_W

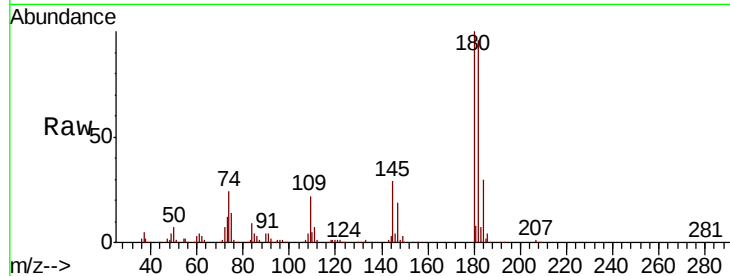
ClientSampleId :

VW1107SBSD01

Tot Ion:	180	Resp:	101057
Ion Ratio	Lower	Upper	
180	100		
182	95.4	47.5	142.6
145	28.0	14.0	42.0

Manual Integrations
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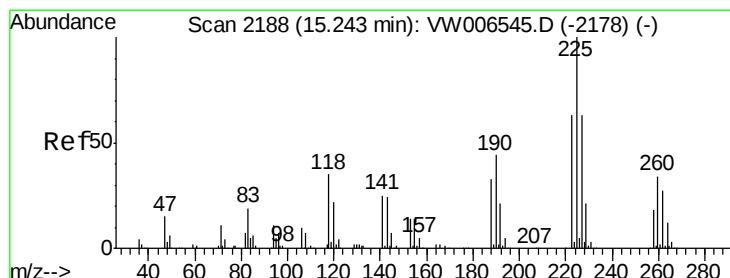
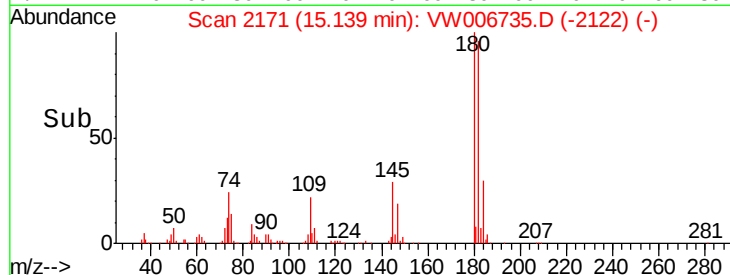
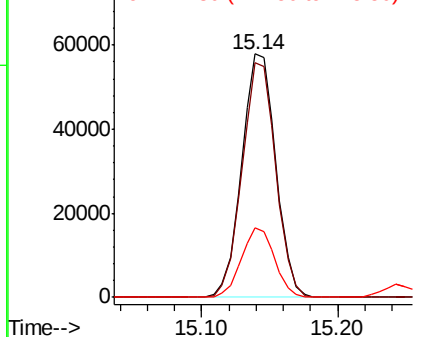


Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 23.529 ug/l

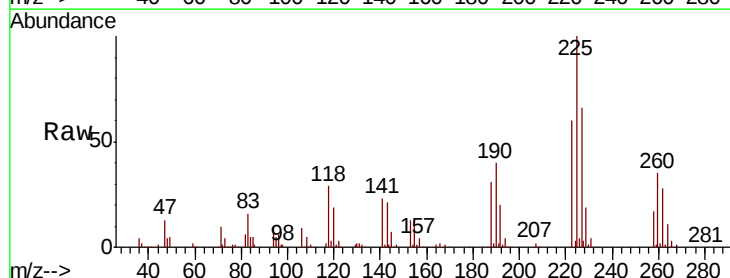
RT: 15.25 min Scan# 2189

Delta R.T. 0.01 min

Lab File: VW006735.D

Acq: 07 Nov 2018 14:49

Tgt Ion:	225	Resp:	68020
Ion Ratio	Lower	Upper	
225	100		
223	61.1	31.4	94.2
227	64.3	32.2	96.6

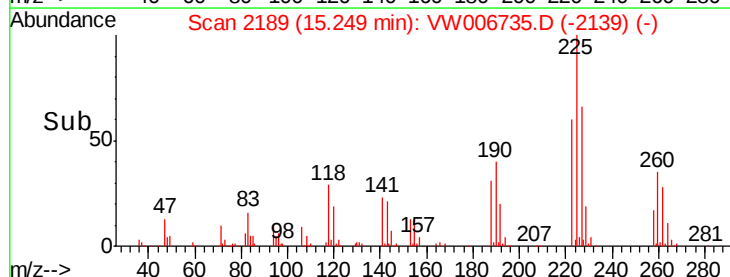
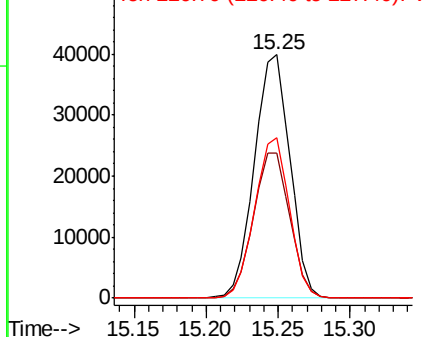


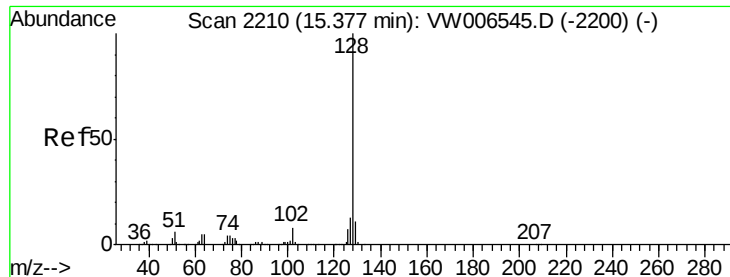
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





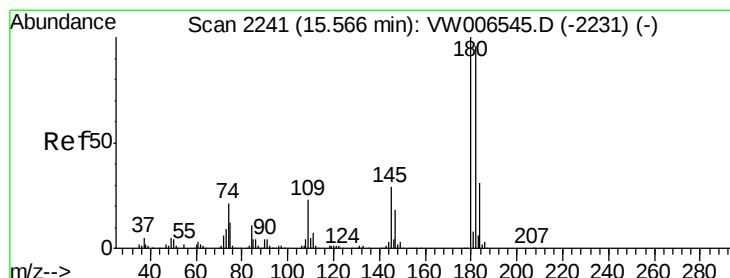
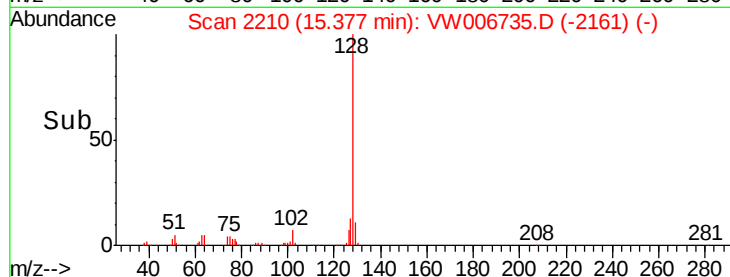
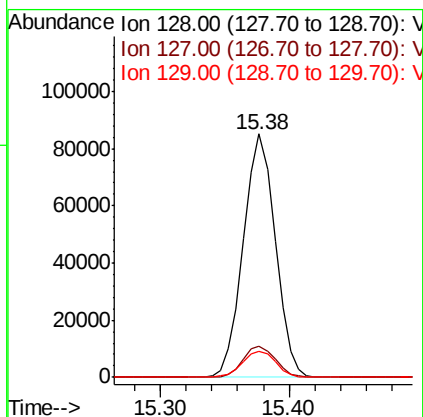
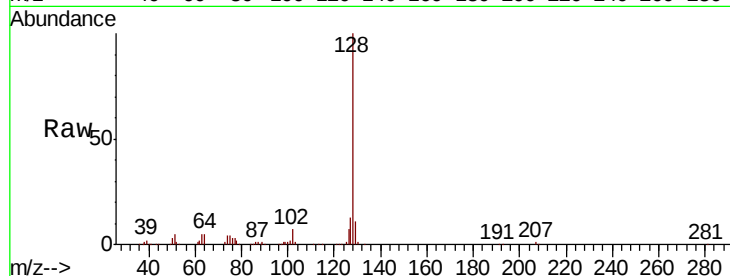
#95
Naphthalene
Concen: 19.664 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006735.D
Acq: 07 Nov 2018 14:49

Instrument :
MSVOA_W
ClientSampleId :
VW1107SBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.2	8.7	13.1

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 21.435 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006735.D
Acq: 07 Nov 2018 14:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	48.2	144.6
145	29.4	14.9	44.5

