

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110418\
 Data File : VW006604.D
 Acq On : 02 Nov 2018 16:32
 Operator : SY/AP
 Sample : VW1104SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1104SBS01

Manual Integrations
 APPROVED

apatel
 11/5/2018 10:12:44 AM

Quant Time: Nov 02 23:55:09 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	255137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	358898	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	328007	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	187525	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	110583	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
35) Dibromofluoromethane	7.88	113	116088	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	
50) Toluene-d8	10.32	98	449250	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
62) 4-Bromofluorobenzene	12.62	95	159441	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	34988m	26.453	ug/l
3) Chloromethane	2.21	50	37616	22.986	ug/l
4) Vinyl Chloride	2.37	62	53884	23.582	ug/l
5) Bromomethane	2.78	94	43942	22.915	ug/l
6) Chloroethane	2.92	64	35700	22.361	ug/l
7) Trichlorofluoromethane	3.26	101	48681	24.126	ug/l
8) Diethyl Ether	3.67	74	23448	21.258	ug/l
9) 1,1,2-Trichlorotrifluoroet	4.06	101	49804	23.114	ug/l
10) Methyl Iodide	4.27	142	78208	20.018	ug/l
11) Tert butyl alcohol	5.18	59	15837	134.025	ug/l
12) 1,1-Dichloroethene	4.03	96	45351	21.792	ug/l
13) Acrolein	3.89	56	14486	97.471	ug/l
14) Allyl chloride	4.66	41	57917	21.320	ug/l
15) Acrylonitrile	5.37	53	45199	114.285	ug/l
16) Acetone	4.12	43	56704	160.144	ug/l
17) Carbon Disulfide	4.37	76	132324	22.344	ug/l
18) Methyl Acetate	4.67	43	22503	22.101	ug/l
19) Methyl tert-butyl Ether	5.43	73	62710	20.244	ug/l
20) Methylene Chloride	4.91	84	48618	17.278	ug/l
21) trans-1,2-Dichloroethene	5.42	96	51947	22.059	ug/l
22) Diisopropyl ether	6.31	45	118067	20.848	ug/l
23) Vinyl Acetate	6.26	43	346550	110.347	ug/l
24) 1,1-Dichloroethane	6.21	63	81888	21.335	ug/l
25) 2-Butanone	7.17	43	67215	133.030	ug/l
26) 2,2-Dichloropropane	7.17	77	53653	23.206	ug/l
27) cis-1,2-Dichloroethene	7.17	96	55446	21.046	ug/l
28) Bromochloromethane	7.51	49	31380	20.590	ug/l
29) Tetrahydrofuran	7.53	42	35858	112.833	ug/l
30) Chloroform	7.68	83	89504	21.269	ug/l
31) Cyclohexane	7.96	56	76019	21.761	ug/l
32) 1,1,1-Trichloroethane	7.87	97	76735	21.550	ug/l
36) 1,1-Dichloropropene	8.08	75	71916	22.786	ug/l
37) Ethyl Acetate	7.26	43	24688	22.572	ug/l
38) Carbon Tetrachloride	8.07	117	75417	22.868	ug/l

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	93066	23.236	ug/l	97
40) Benzene	8.32	78	199996	22.309	ug/l	99
41) Methacrylonitrile	7.49	41	15248	22.735	ug/l	97
42) 1,2-Dichloroethane	8.40	62	56243	21.876	ug/l	99
43) Isopropyl Acetate	8.43	43	48446	22.197	ug/l	99
44) Trichloroethene	9.09	130	61393	22.193	ug/l	97
45) 1,2-Dichloropropane	9.37	63	45514	21.816	ug/l	99
46) Dibromomethane	9.46	93	27019	22.032	ug/l	98
47) Bromodichloromethane	9.65	83	61703	21.669	ug/l	99
48) Methyl methacrylate	9.44	41	23140	22.006	ug/l	97
49) 1,4-Dioxane	9.45	88	8445	470.531	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	128824	114.927	ug/l	98
52) Toluene	10.39	92	130908	21.772	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	60798	22.185	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	70791	21.859	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	38211	21.960	ug/l	96
56) Ethyl methacrylate	10.65	69	42507	21.493	ug/l	94
57) 1,3-Dichloropropane	10.93	76	61585	21.796	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	94118	97.897	ug/l	99
59) 2-Hexanone	10.97	43	97888	128.577	ug/l	98
60) Dibromochloromethane	11.13	129	44397	21.535	ug/l	99
61) 1,2-Dibromoethane	11.24	107	36942	21.379	ug/l	99
64) Tetrachloroethene	10.87	164	55077	21.064	ug/l	99
65) Chlorobenzene	11.66	112	153693	22.267	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	52481	21.633	ug/l	98
67) Ethyl Benzene	11.74	91	256918	22.269	ug/l	100
68) m/p-Xylenes	11.84	106	208023	45.132	ug/l	100
69) o-Xylene	12.17	106	95809	21.834	ug/l	99
70) Styrene	12.18	104	158813	22.199	ug/l	100
71) Bromoform	12.35	173	27996	21.770	ug/l #	100
73) Isopropylbenzene	12.47	105	269300	21.800	ug/l	100
74) N-amyl acetate	12.27	43	48746	22.835	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	43584	22.338	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	27014m	18.463	ug/l	
77) Bromobenzene	12.75	156	68488	21.413	ug/l	99
78) n-propylbenzene	12.81	91	321854	22.652	ug/l	100
79) 2-Chlorotoluene	12.90	91	176958	21.701	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	231624	22.318	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	11573	22.055	ug/l	97
82) 4-Chlorotoluene	12.99	91	190699	22.105	ug/l	99
83) tert-Butylbenzene	13.21	119	203023	21.936	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	236920	22.256	ug/l	100
85) sec-Butylbenzene	13.39	105	292781	22.587	ug/l	100
86) p-Isopropyltoluene	13.51	119	262444	22.251	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	140127	22.246	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	138692	22.213	ug/l	99
89) n-Butylbenzene	13.83	91	242414	23.153	ug/l	100
90) Hexachloroethane	14.10	117	42209	21.774	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	124816	22.029	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6864	21.681	ug/l	98

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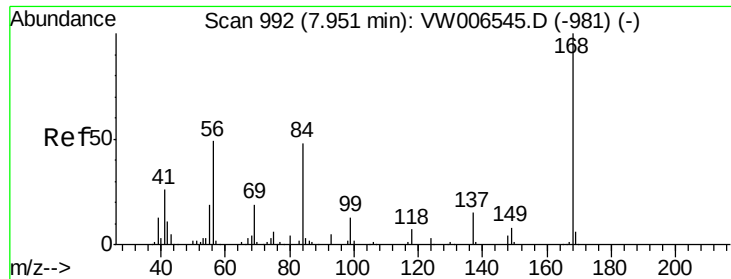
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Quant Title : SW846 8260
QLast Update : Thu Nov 01 03:48:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	93093	22.096	ug/l	100
94) Hexachlorobutadiene	15.24	225	59856	22.796	ug/l	99
95) Naphthalene	15.38	128	146132	21.581	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	80948	21.862	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: VW006604.D

Acq: 02 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

VW1104SBSD01

Tot Ion:168 Resp: 255137

Ion Ratio Lower Upper

168 100

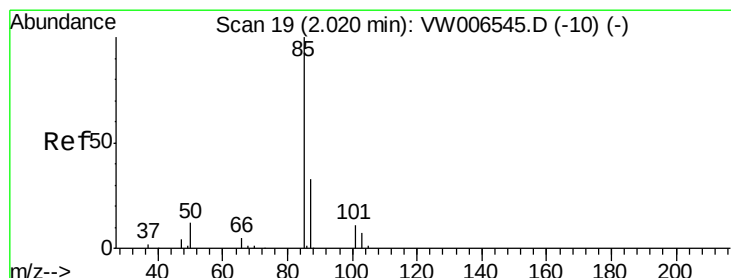
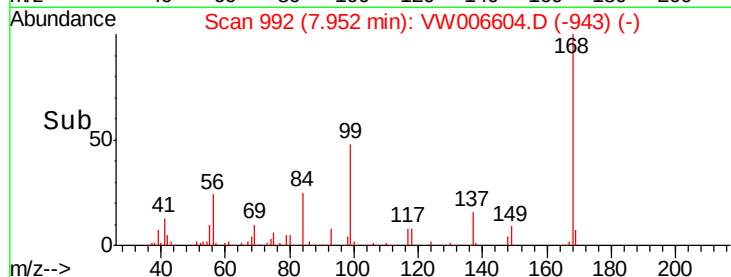
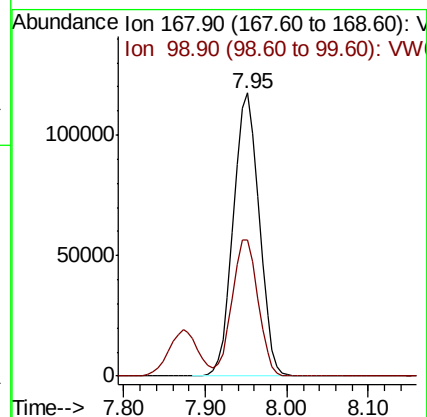
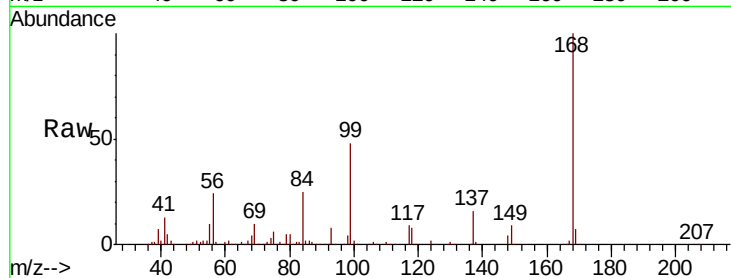
99 48.3 37.4 56.0

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#2

Dichlorodifluoromethane

Concen: 26.453 ug/l m

RT: 2.01 min Scan# 18

Delta R.T. -0.01 min

Lab File: VW006604.D

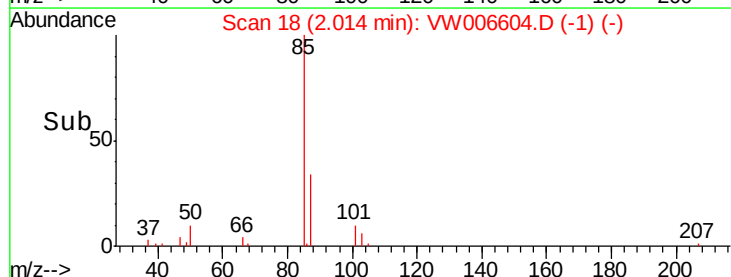
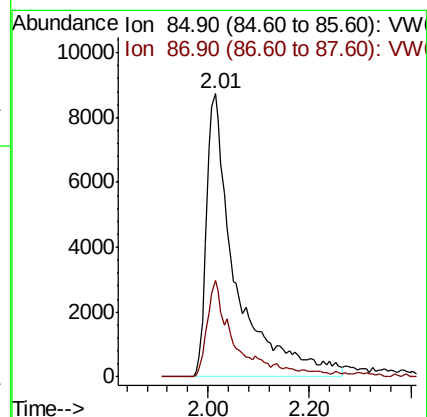
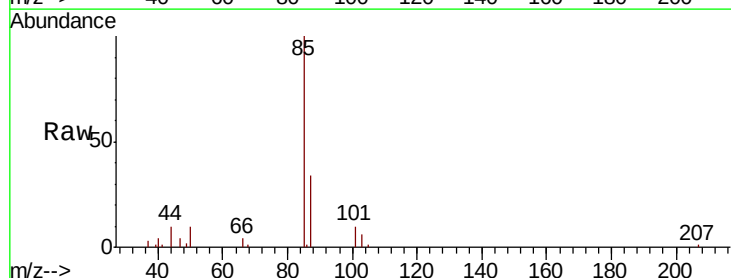
Acq: 02 Nov 2018 16:32

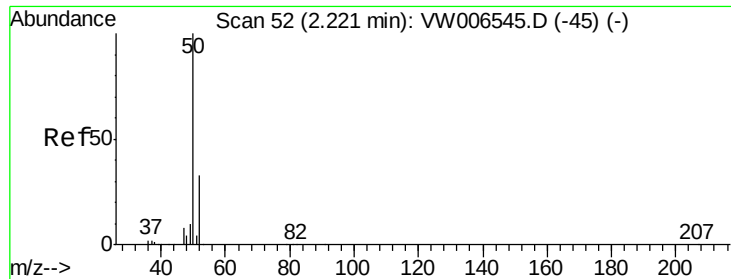
Tgt Ion: 85 Resp: 34988

Ion Ratio Lower Upper

85 100

87 34.0 16.8 50.3





#3

Chloromethane

Concen: 22.986 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

VW1104SBSD01

Tot Ion: 50 Resp: 37616

Ion Ratio Lower Upper

50 100

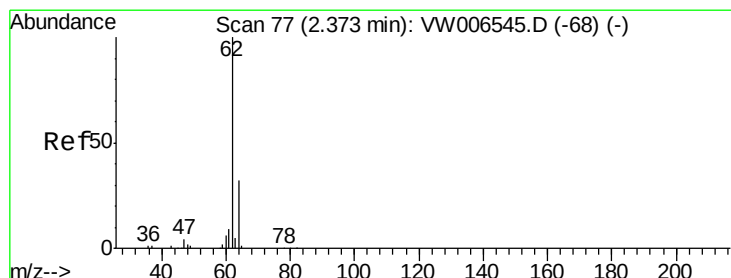
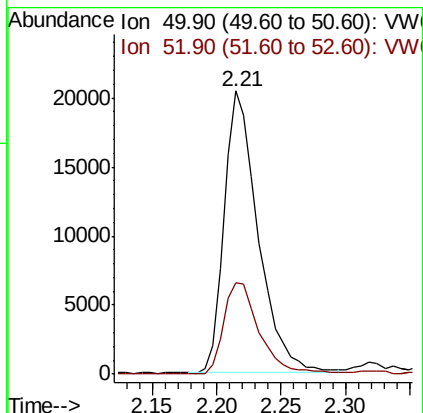
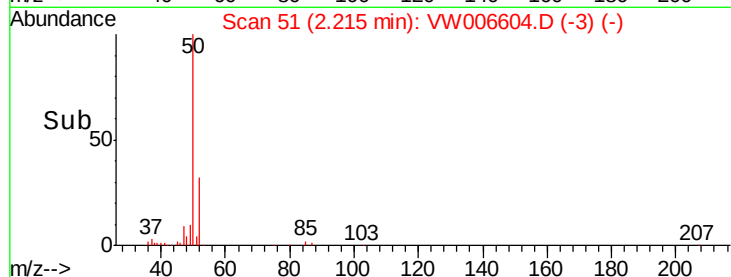
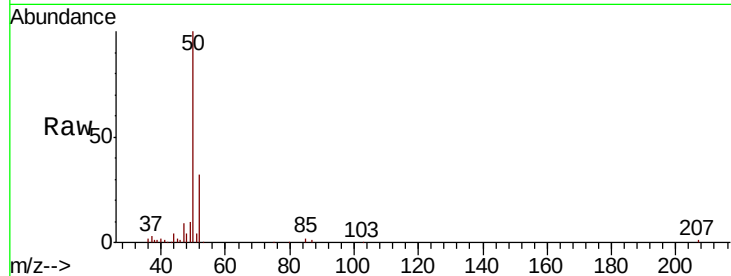
52 32.3 26.2 39.4

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#4

Vinyl Chloride

Concen: 23.582 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006604.D

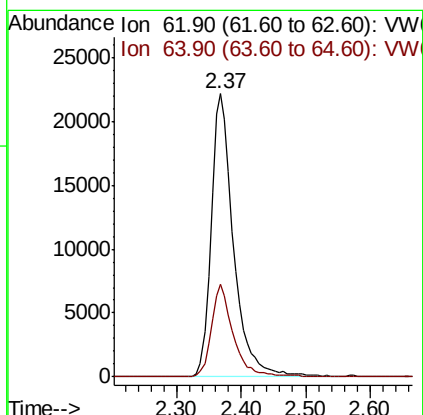
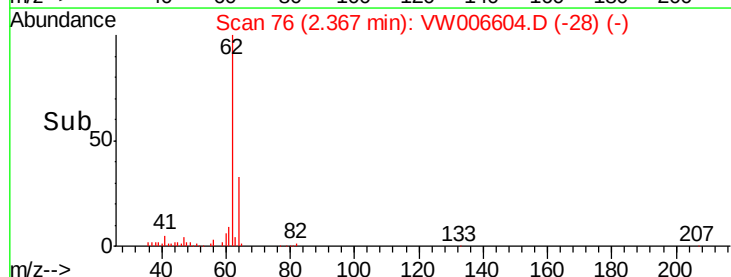
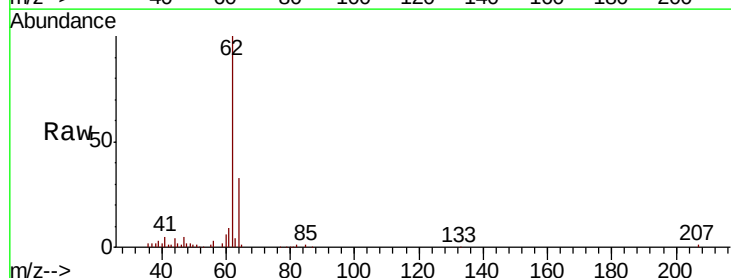
Acq: 02 Nov 2018 16:32

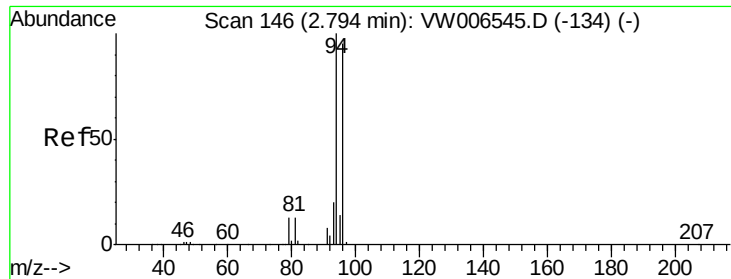
Tgt Ion: 62 Resp: 53884

Ion Ratio Lower Upper

62 100

64 32.8 25.4 38.0





#5

Bromomethane

Concen: 22.915 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

VW1104SBSD01

Tot Ion: 94 Resp: 43942

Ion Ratio Lower Upper

94 100

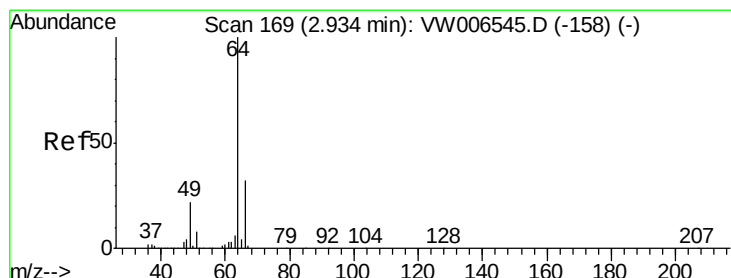
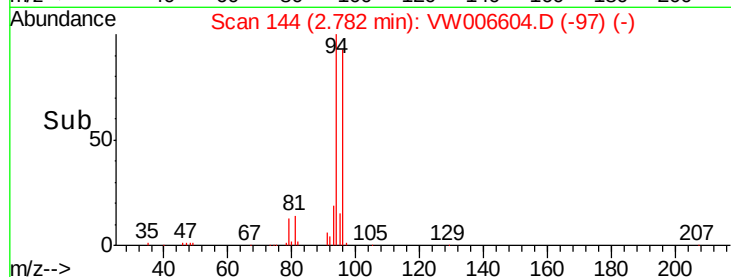
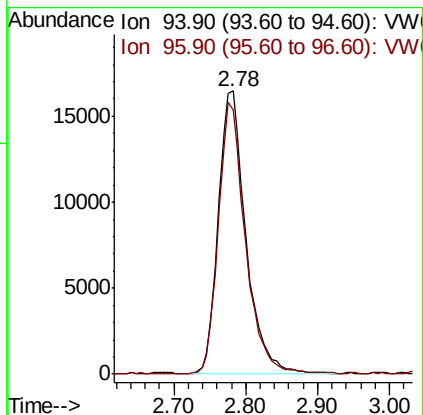
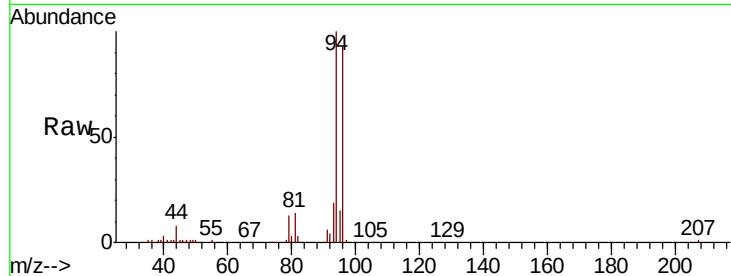
96 93.1 75.7 113.5

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#6

Chloroethane

Concen: 22.361 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW006604.D

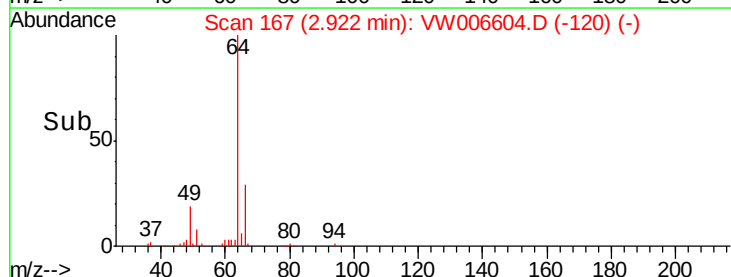
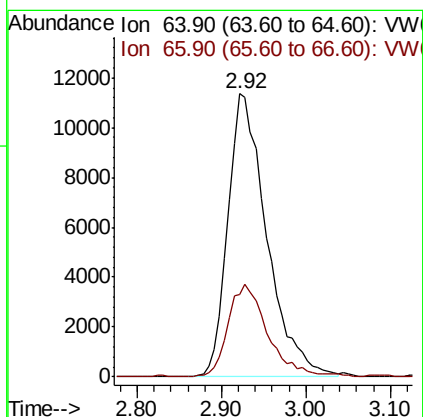
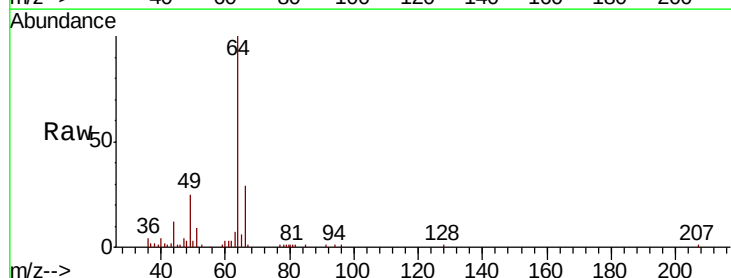
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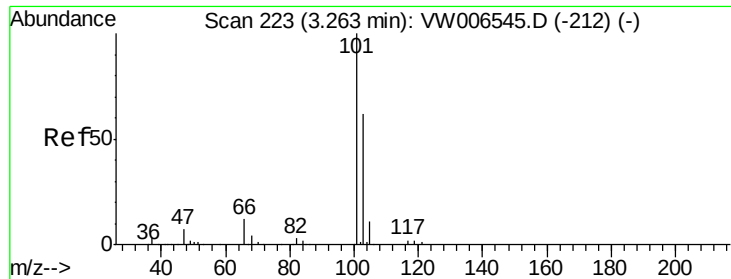
Tgt Ion: 64 Resp: 35700

Ion Ratio Lower Upper

64 100

66 29.1 25.9 38.9





#7

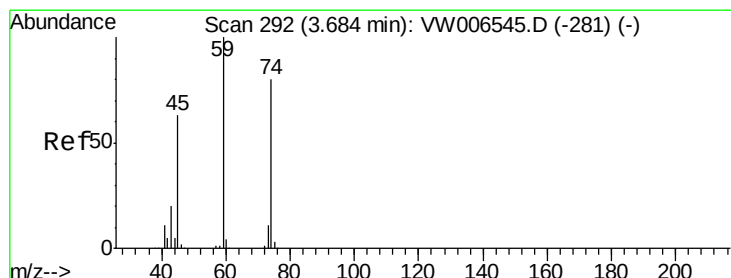
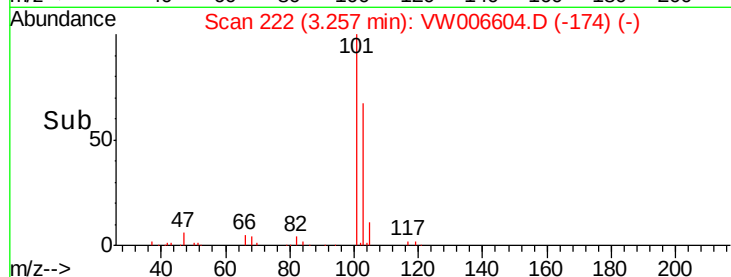
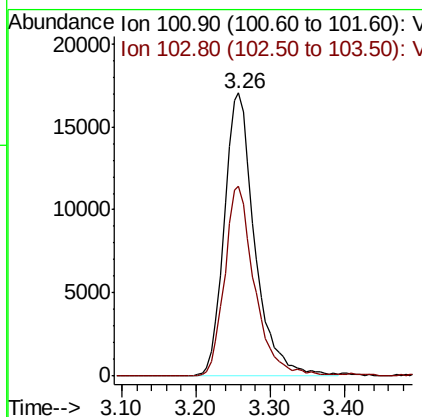
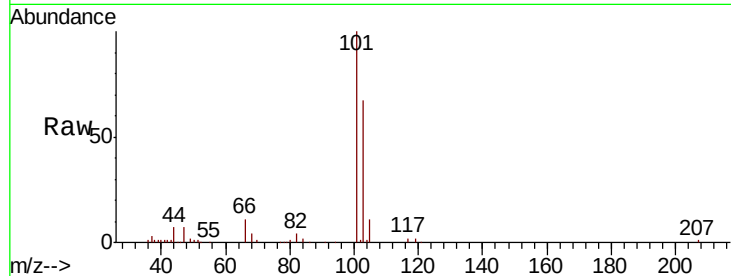
Trichlorofluoromethane
 Concen: 24.126 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW006604.D
 Acq: 02 Nov 2018 16:32

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 ClientSampleId :
 VW1104SBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.0	49.8	74.8

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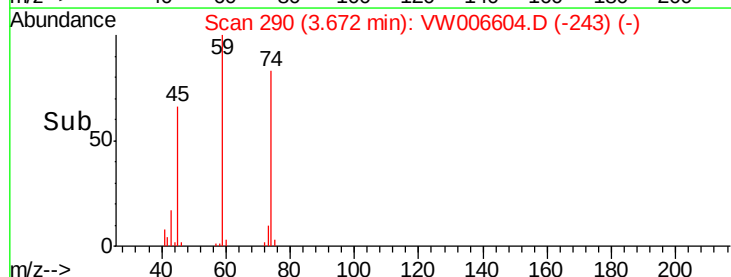
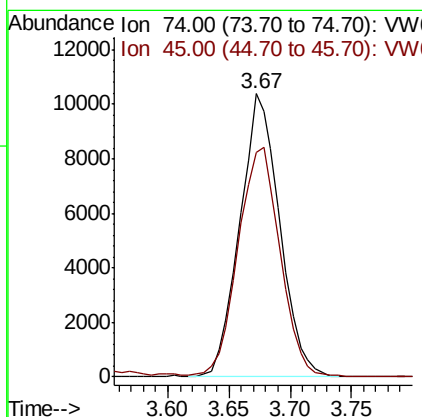
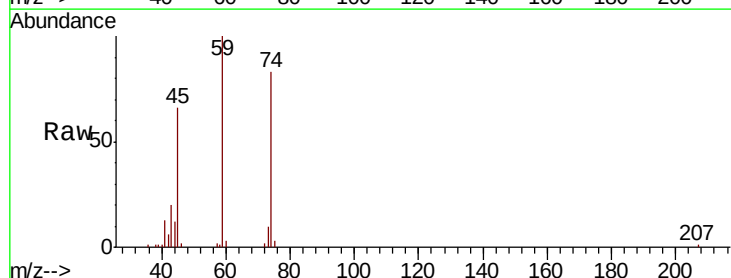
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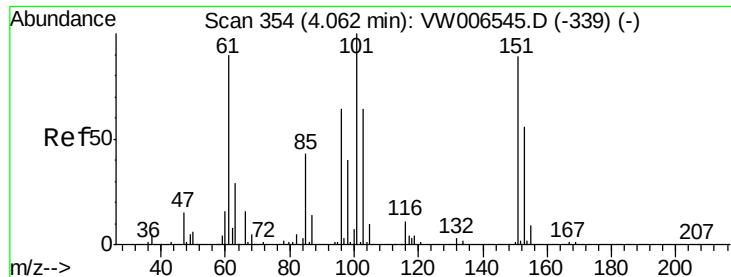


#8

Diethyl Ether
 Concen: 21.258 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW006604.D
 Acq: 02 Nov 2018 16:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	85.7	41.1	123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.114 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

Instrument :

MSVOA_W

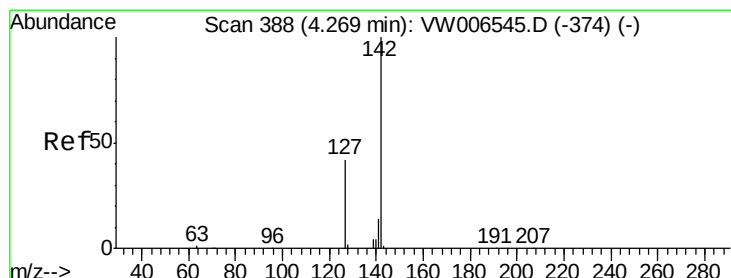
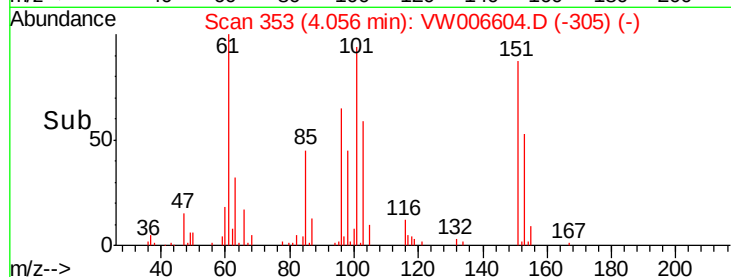
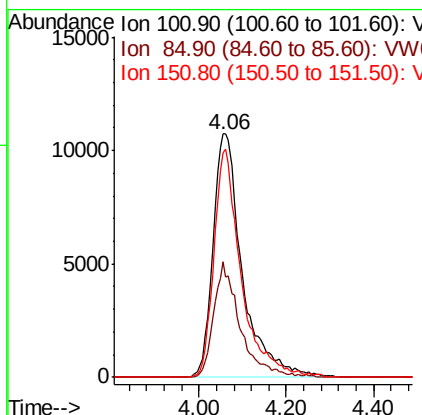
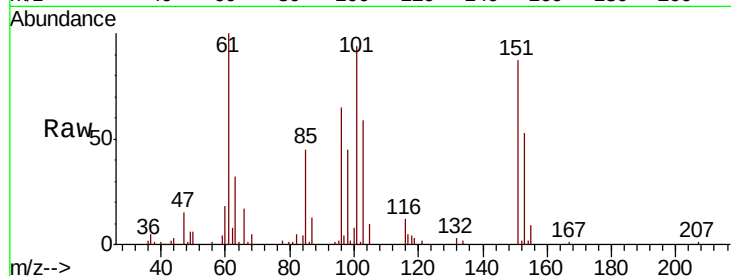
ClientSampleId :

VW1104SBSD01

Tot Ion:	101	Resp:	49804
Ion Ratio	Lower	Upper	
101	100		
85	42.0	34.2	51.2
151	86.8	70.7	106.1

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#10

Methyl Iodide

Concen: 20.018 ug/l

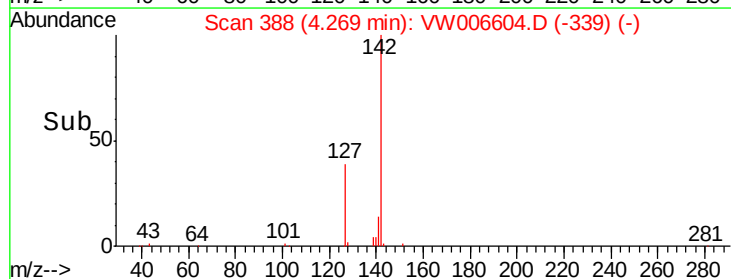
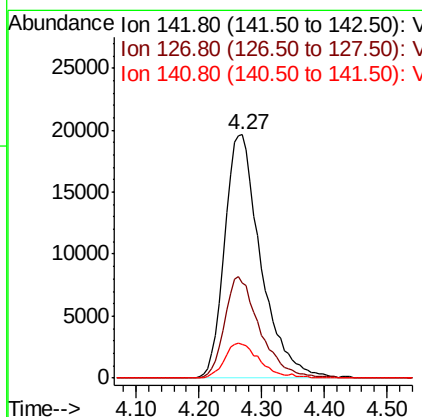
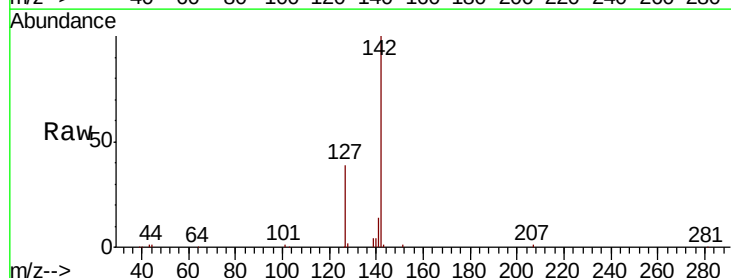
RT: 4.27 min Scan# 388

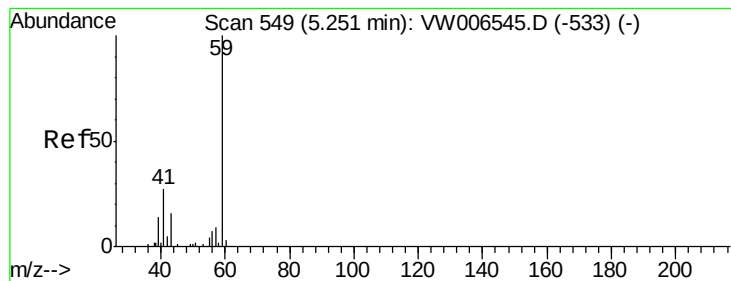
Delta R.T. 0.00 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

Tgt Ion:	142	Resp:	78208
Ion Ratio	Lower	Upper	
142	100		
127	40.8	32.3	48.5
141	14.0	11.3	16.9





#11

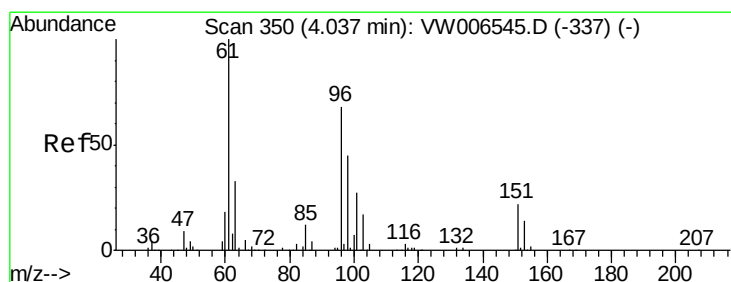
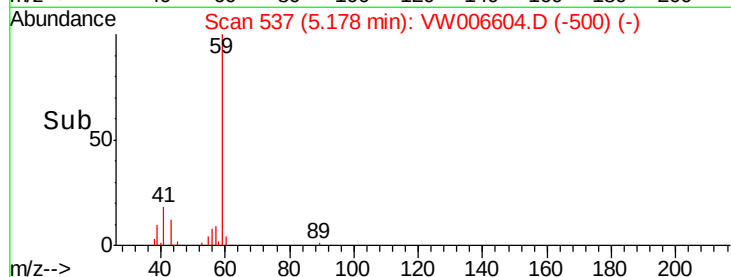
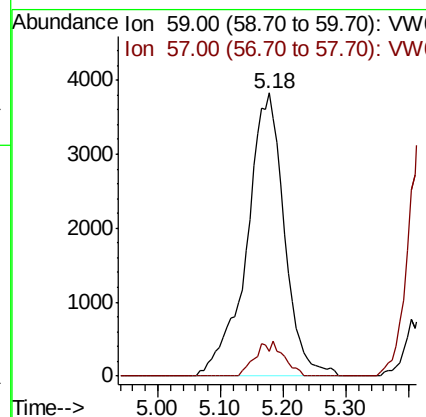
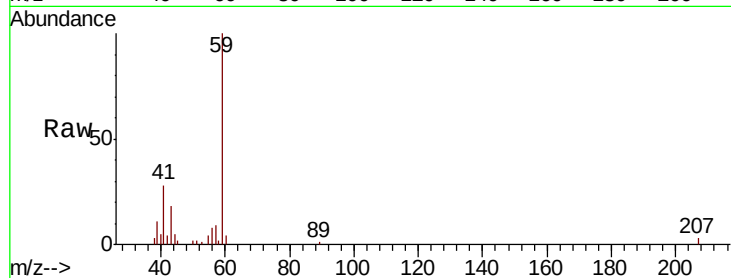
Tert butyl alcohol
Concen: 134.025 ug/l
RT: 5.18 min Scan# 537
Delta R.T. -0.07 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
VW1104SBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	4.8	4.3	6.5

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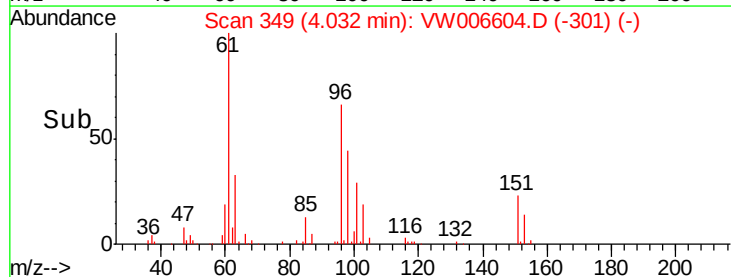
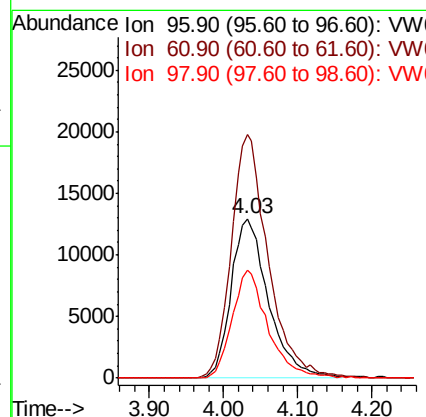
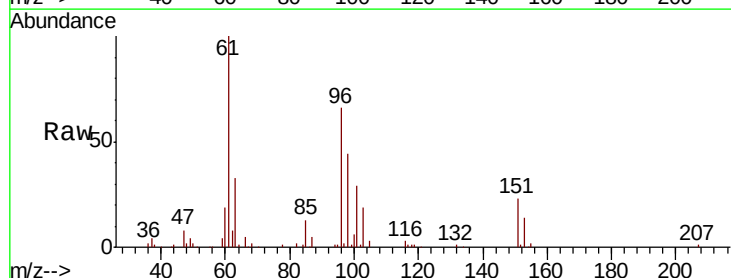
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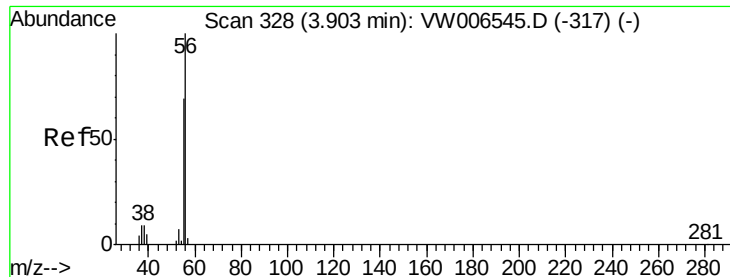


#12

1,1-Dichloroethene
Concen: 21.792 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.4	117.0	175.4
98	67.2	52.5	78.7





#13

Acrolein

Concen: 97.471 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

VW1104SBSD01

Tot Ion: 56 Resp: 14486

Ion Ratio Lower Upper

56 100

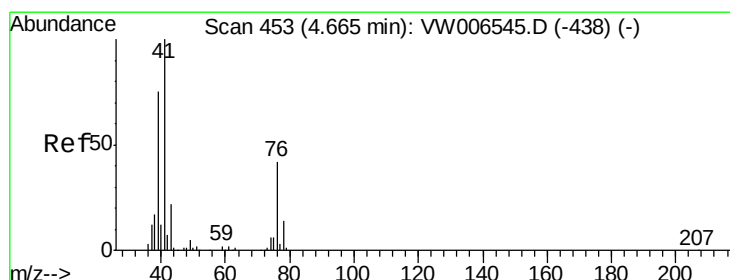
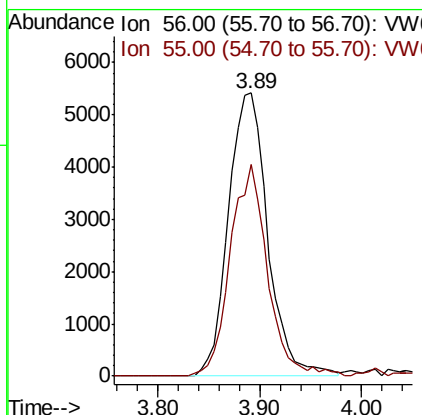
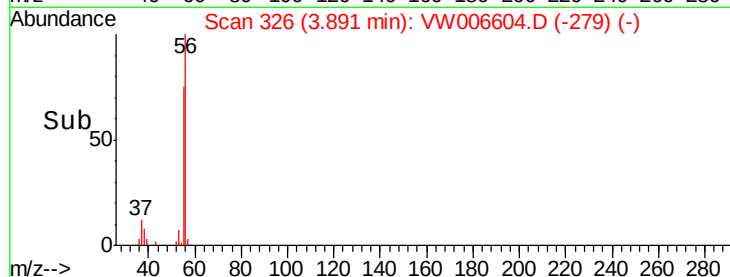
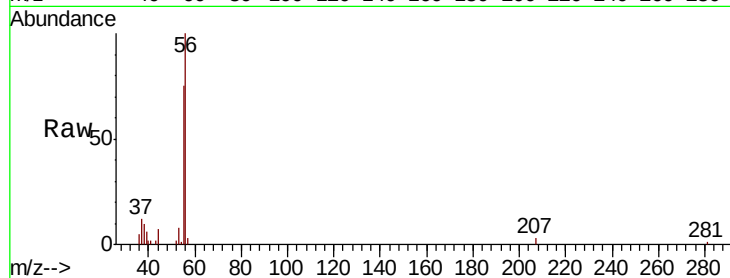
55 69.3 56.9 85.3

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#14

Allyl chloride

Concen: 21.320 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

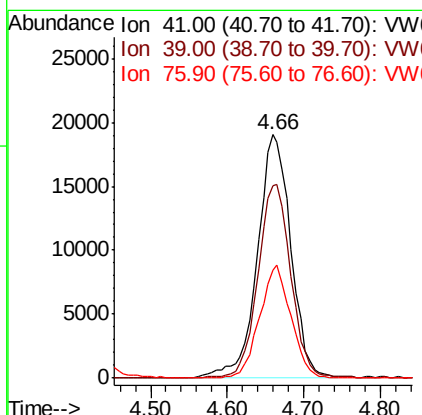
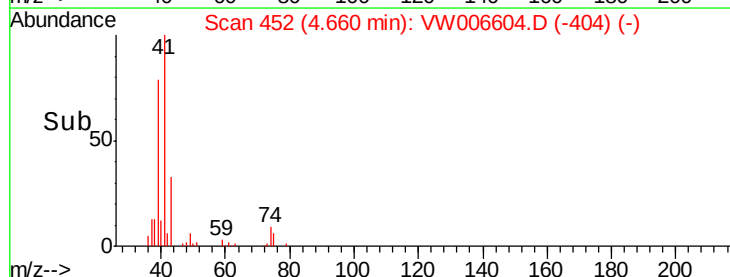
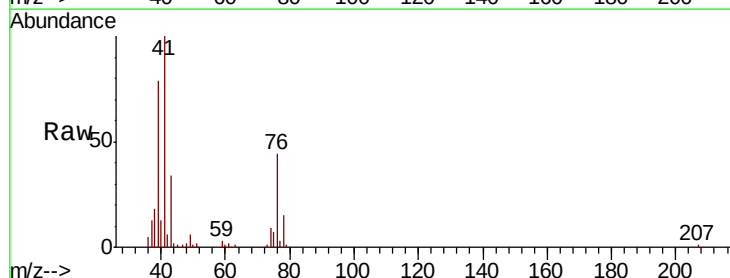
Tgt Ion: 41 Resp: 57917

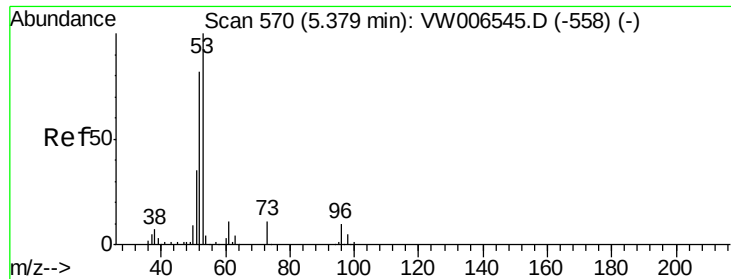
Ion Ratio Lower Upper

41 100

39 78.6 62.1 93.1

76 43.3 34.2 51.2





#15

Acrylonitrile

Concen: 114.285 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

Instrument :

MSVOA_W

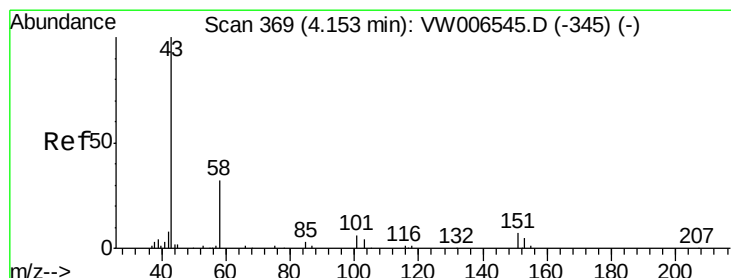
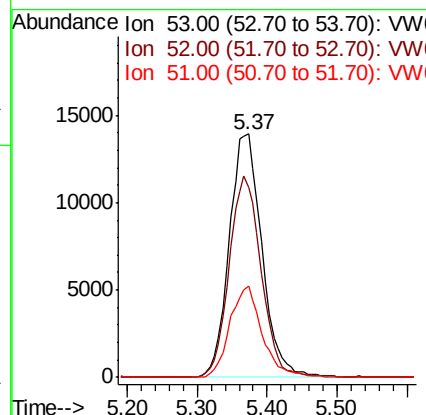
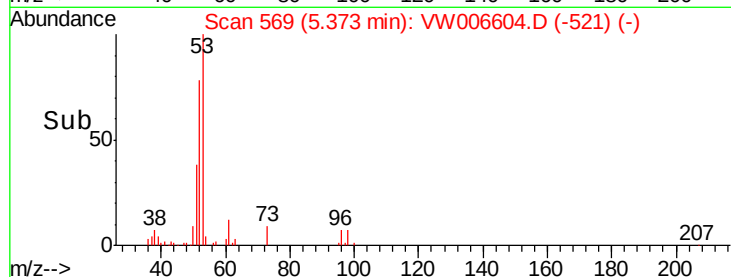
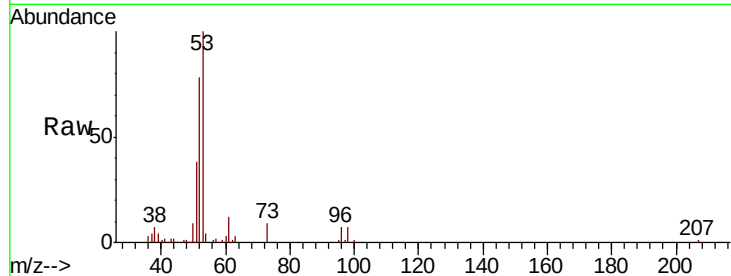
ClientSampleId :

VW1104SBSD01

Tot Ion:	53	Resp:	45199
Ion	Ratio	Lower	Upper
53	100		
52	80.7	65.8	98.8
51	37.0	29.6	44.4

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#16

Acetone

Concen: 160.144 ug/l

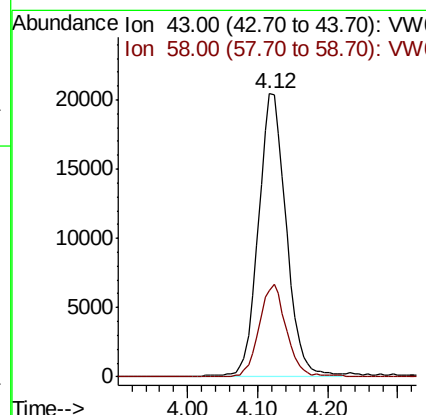
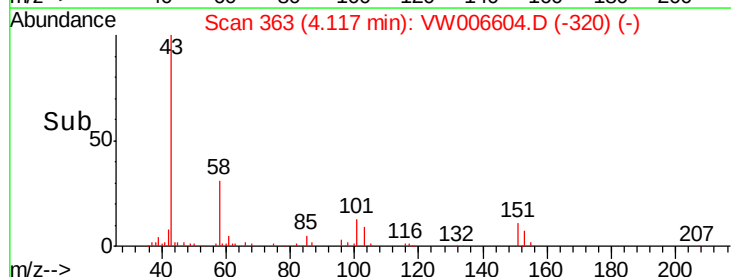
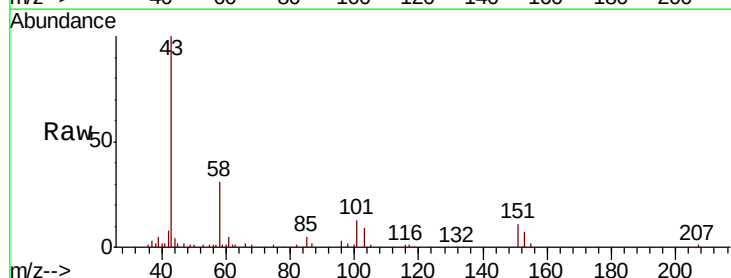
RT: 4.12 min Scan# 363

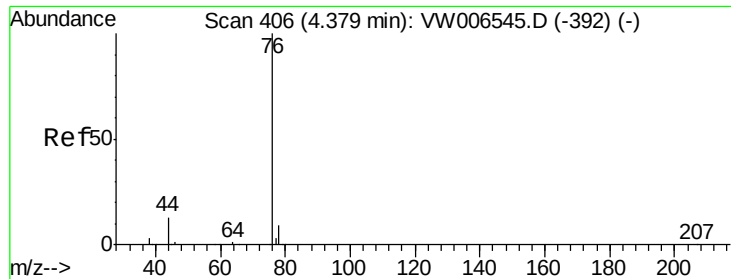
Delta R.T. -0.04 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

Tgt Ion:	43	Resp:	56704
Ion	Ratio	Lower	Upper
43	100		
58	30.6	25.8	38.8





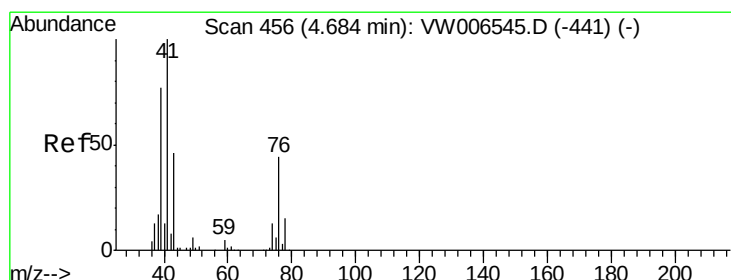
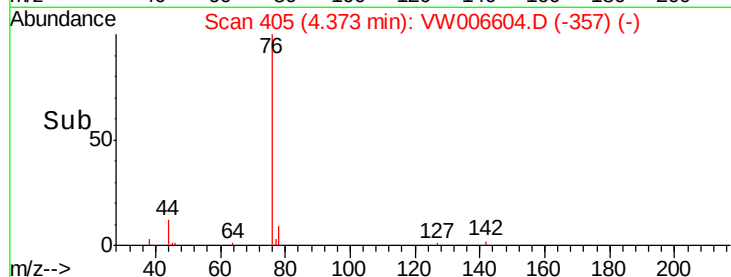
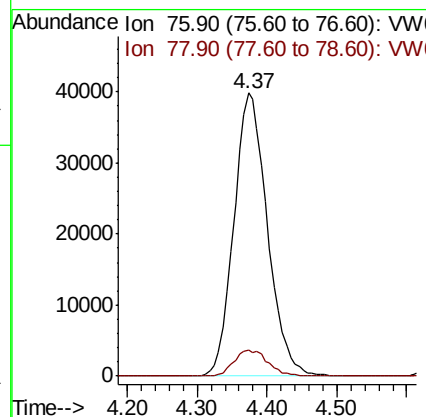
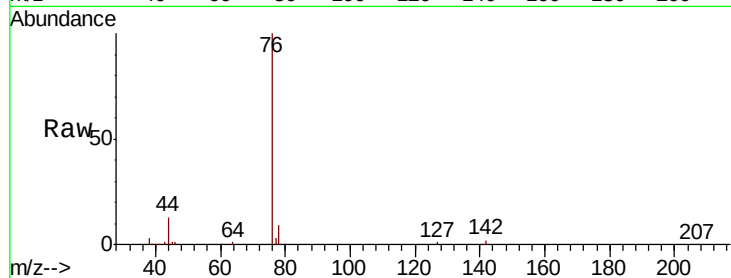
#17
Carbon Disulfide
Concen: 22.344 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
VW1104SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.3	10.9

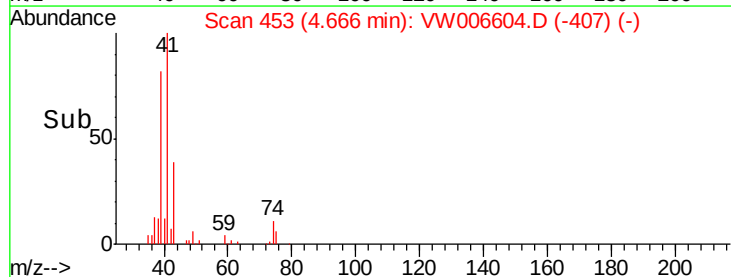
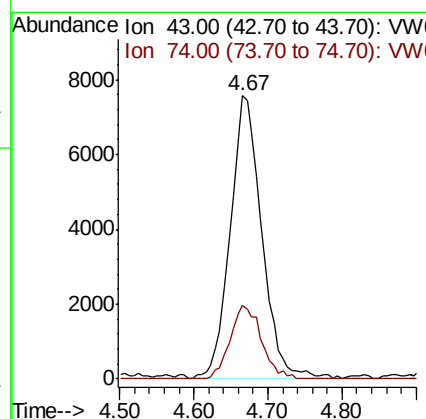
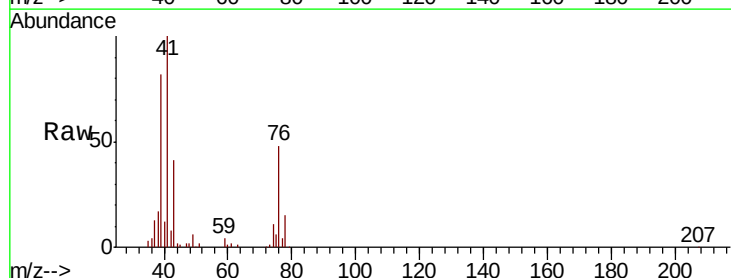
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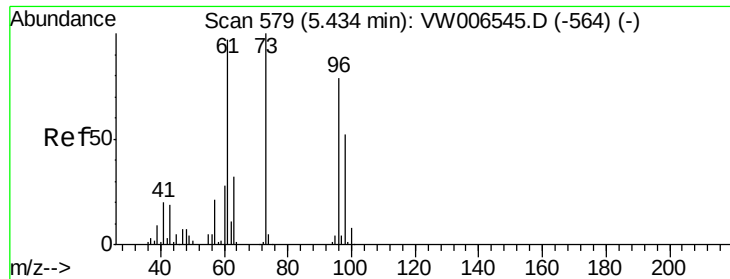
apatel
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#18
Methyl Acetate
Concen: 22.101 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.02 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.6	21.9	32.9





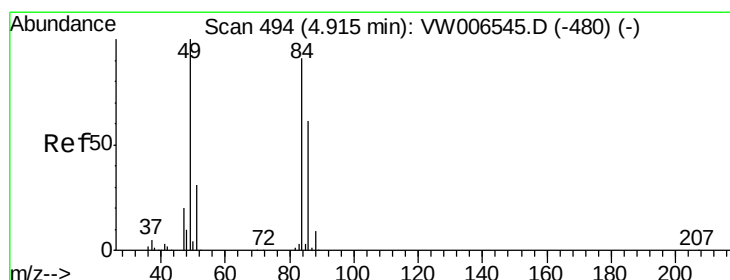
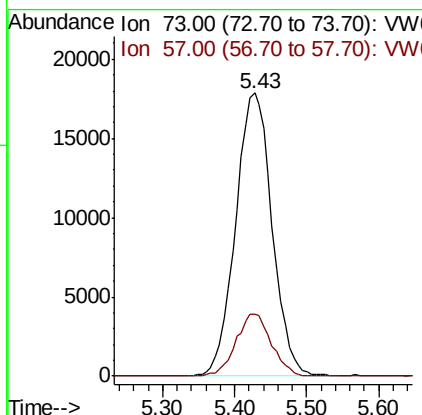
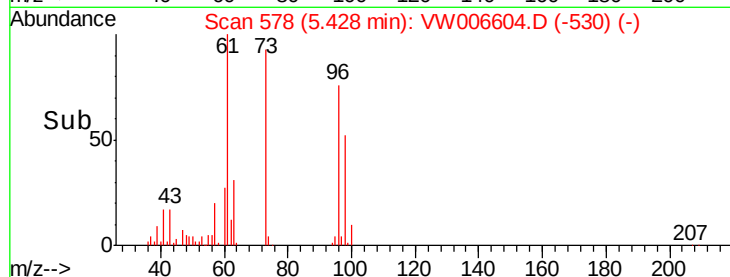
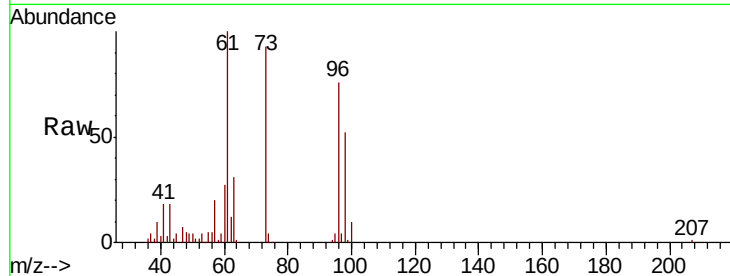
#19
Methyl tert-butyl Ether
Concen: 20.244 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
VW1104SBSD01

Tot Ion: 73 Resp: 62710
Ion Ratio Lower Upper
73 100
57 21.7 16.7 25.1

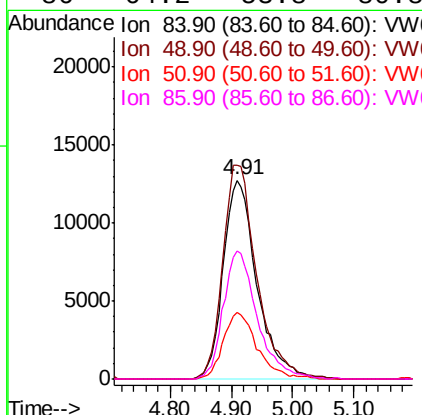
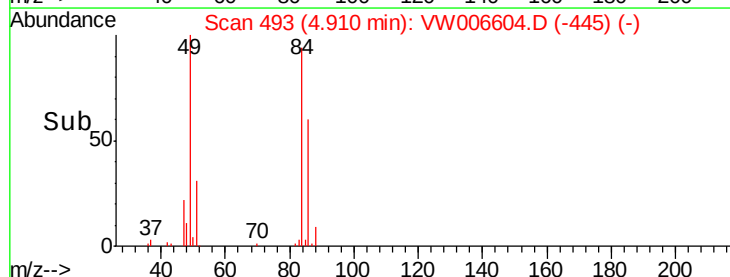
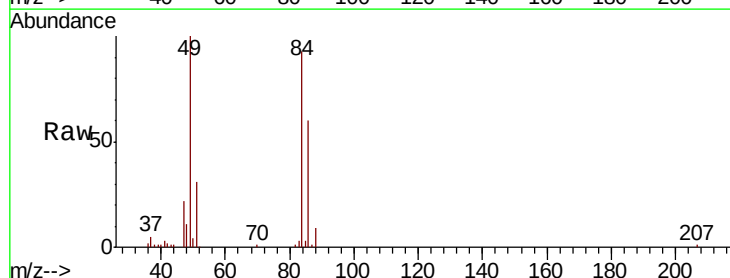
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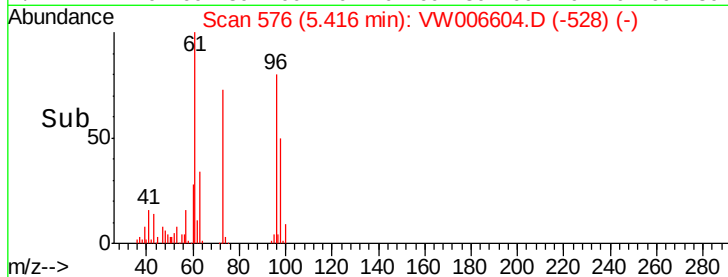
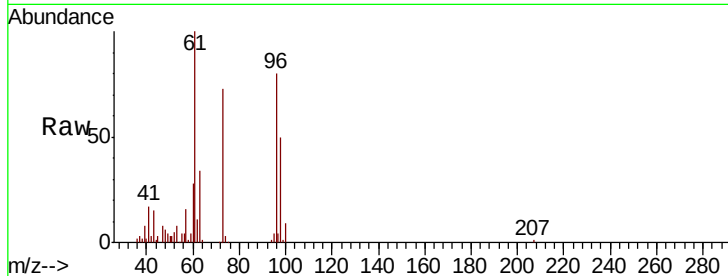
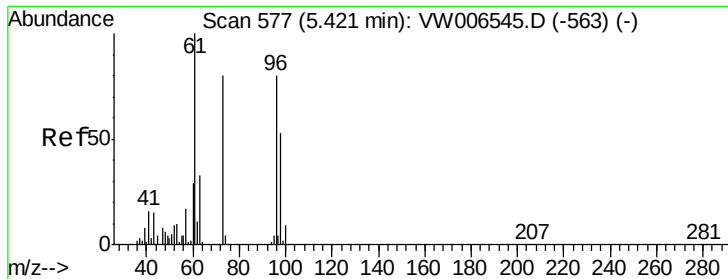
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#20
Methylene Chloride
Concen: 17.278 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Tgt Ion: 84 Resp: 48618
Ion Ratio Lower Upper
84 100
49 107.4 88.2 132.4
51 33.4 27.0 40.6
86 64.2 53.8 80.8





#21

trans-1,2-Dichloroethene

Concen: 22.059 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

Tot Ion:	96	Resp:	51947
Ion	Ratio	Lower	Upper
96	100		
61	125.1	100.6	150.8
98	62.3	52.9	79.3

Instrument :

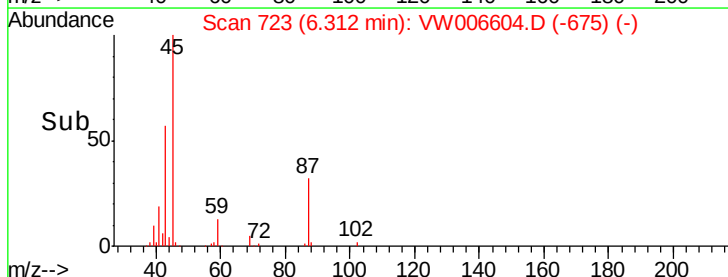
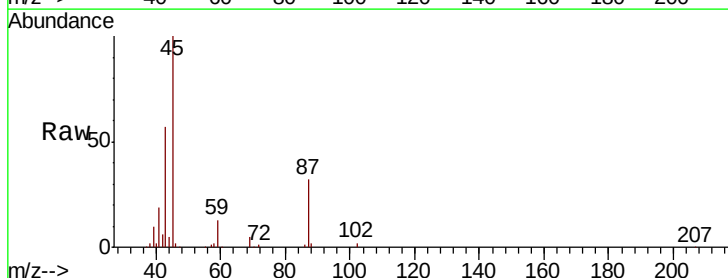
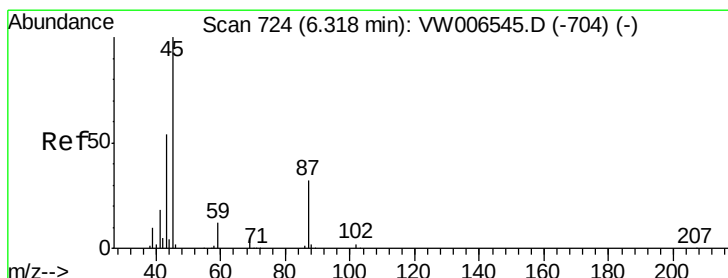
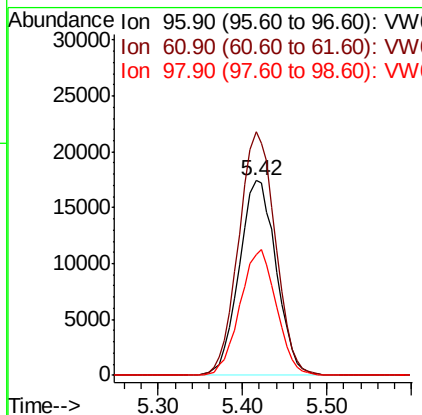
MSVOA_W

ClientSampleId :

VW1104SBSD01

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#22

Diisopropyl ether

Concen: 20.848 ug/l

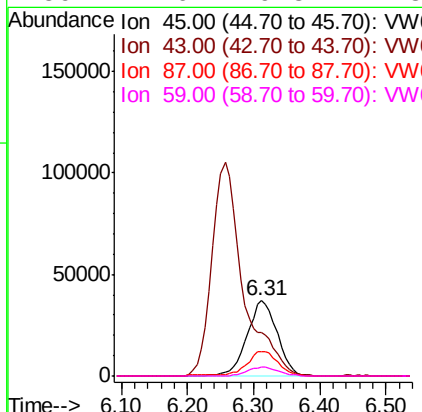
RT: 6.31 min Scan# 723

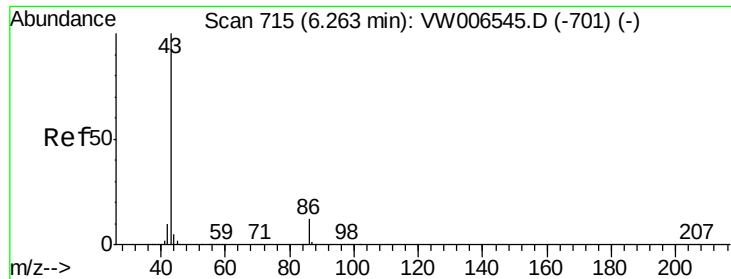
Delta R.T. -0.01 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

Tgt Ion:	45	Resp:	118067
Ion	Ratio	Lower	Upper
45	100		
43	56.4	43.6	65.4
87	32.1	26.3	39.5
59	12.6	9.8	14.8





#23

Vinyl Acetate

Concen: 110.347 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

VW1104SBSD01

Tot Ion: 43 Resp: 346550

Ion Ratio Lower Upper

43 100

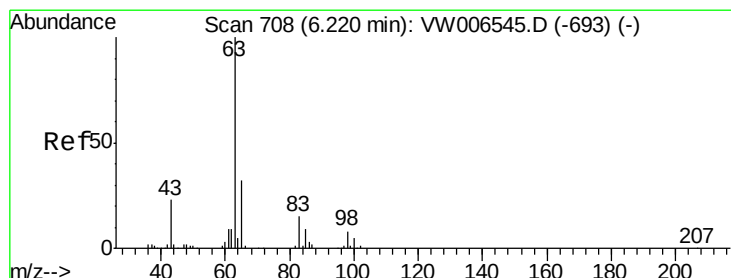
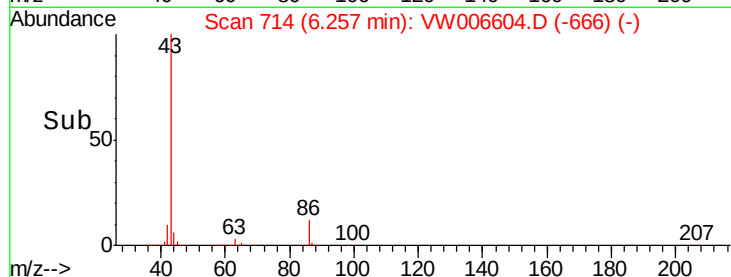
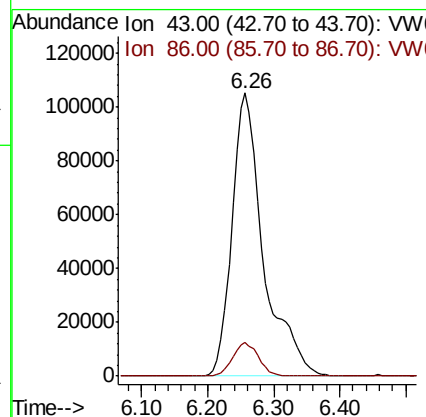
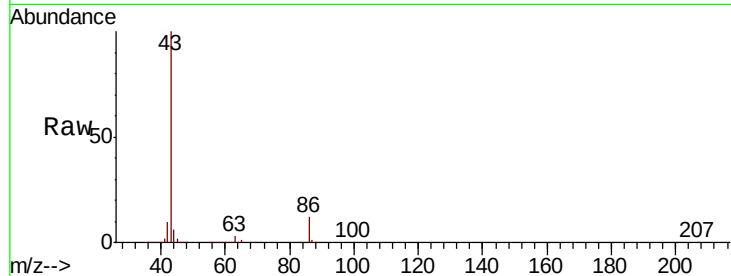
86 11.8 9.8 14.8

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#24

1,1-Dichloroethane

Concen: 21.335 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

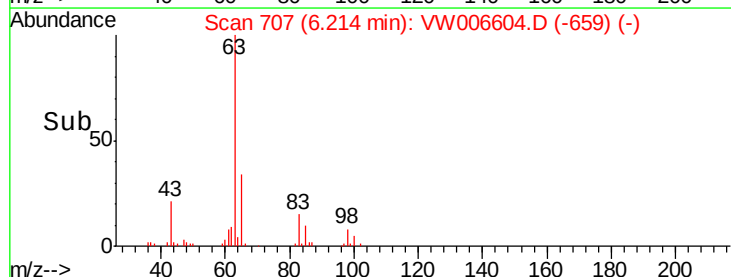
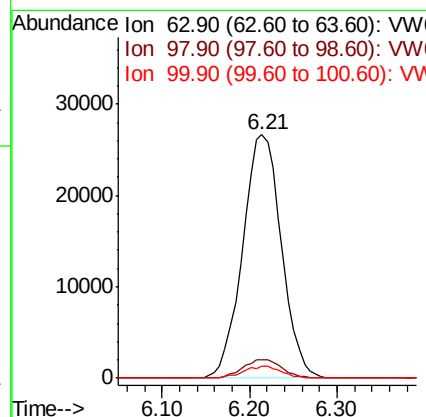
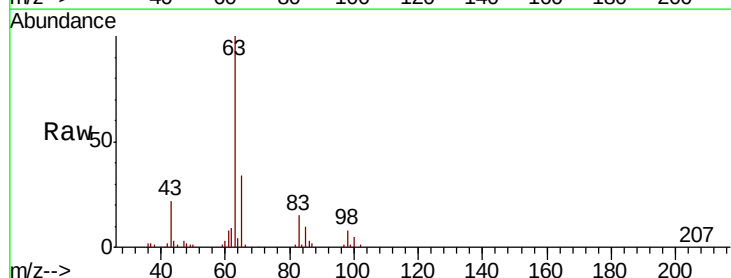
Tgt Ion: 63 Resp: 81888

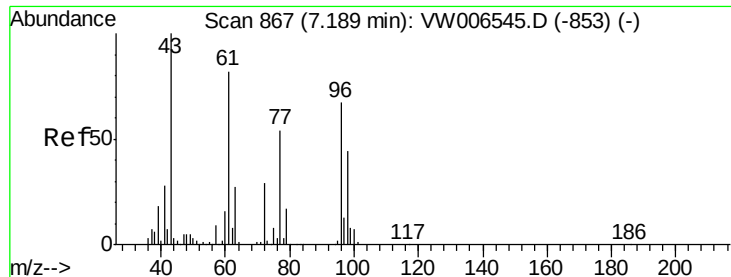
Ion Ratio Lower Upper

63 100

98 7.7 3.8 11.4

100 5.0 2.4 7.2





#25

2-Butanone

Concen: 133.030 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.02 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

VW1104SBSD01

Tot Ion: 43 Resp: 67215

Ion Ratio Lower Upper

43 100

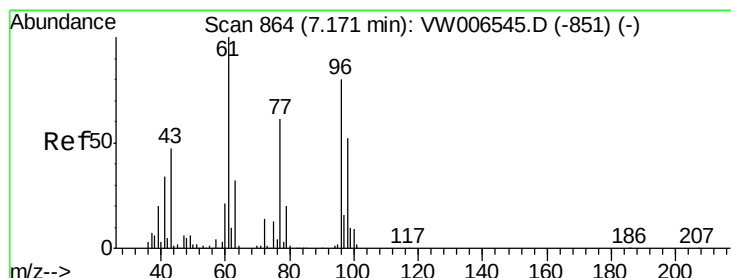
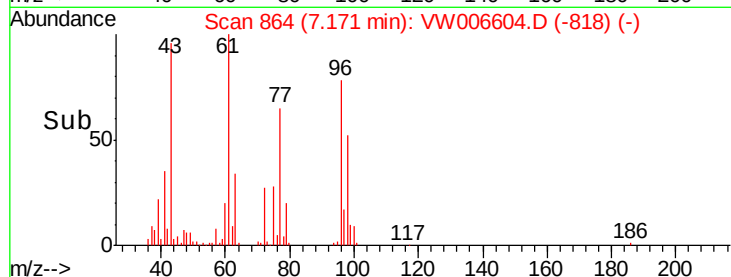
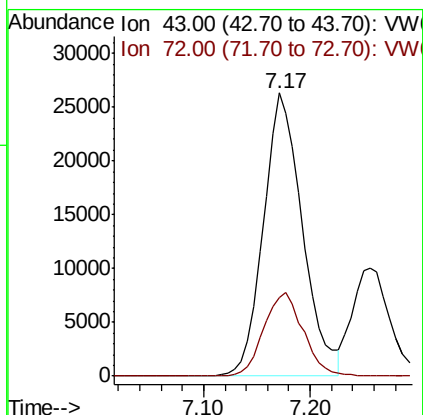
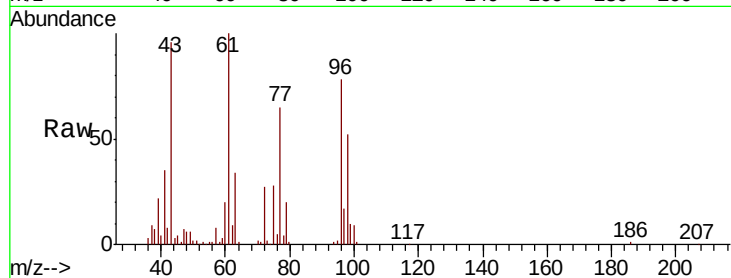
72 27.8 23.2 34.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 23.206 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006604.D

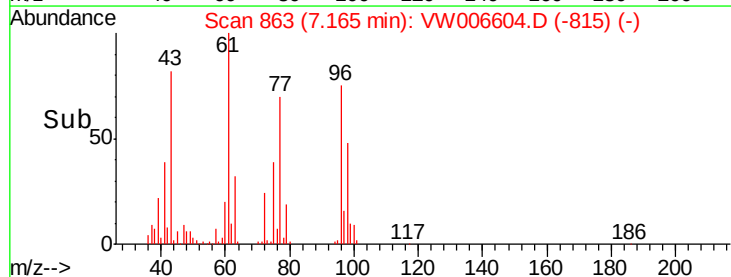
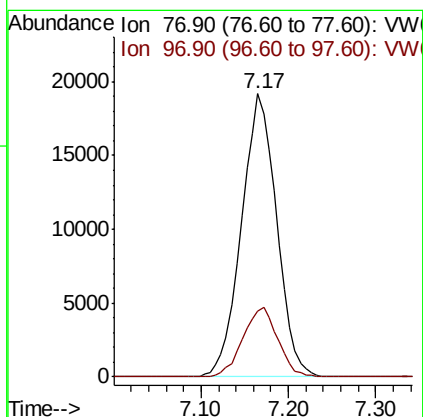
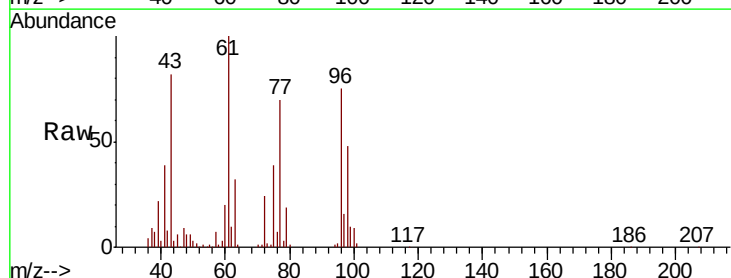
Acq: 02 Nov 2018 16:32

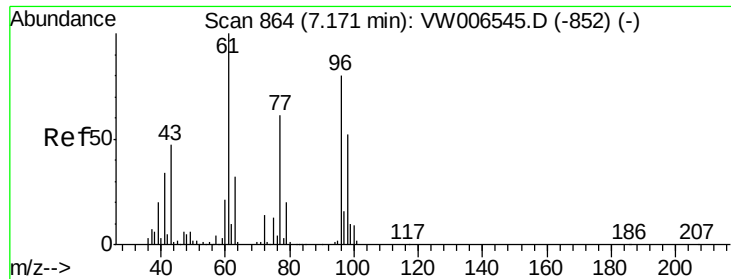
Tgt Ion: 77 Resp: 53653

Ion Ratio Lower Upper

77 100

97 24.2 12.8 38.4





#27

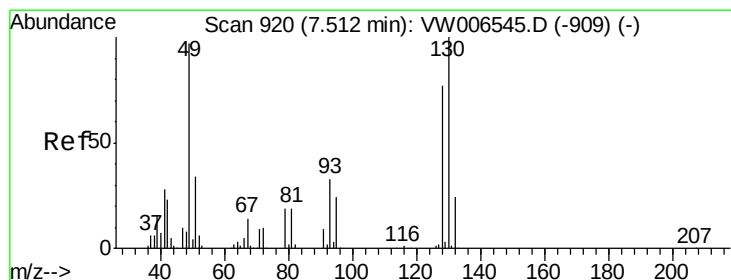
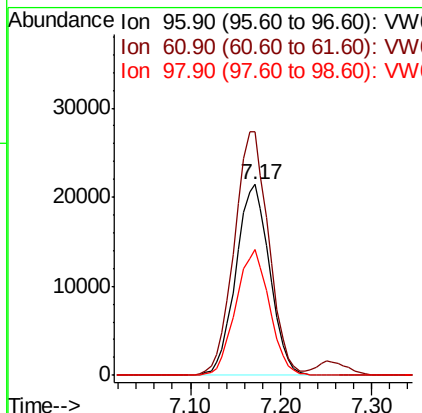
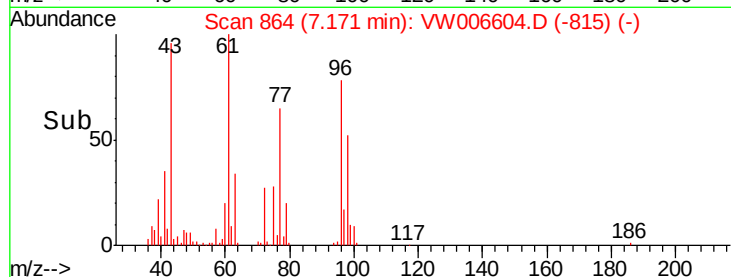
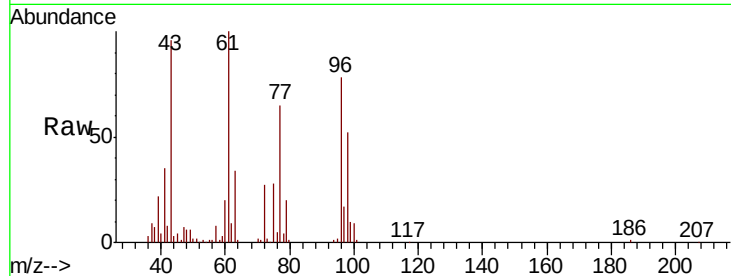
cis-1,2-Dichloroethene
Concen: 21.046 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
VW1104SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.1	0.0	254.2
98	65.3	0.0	129.6

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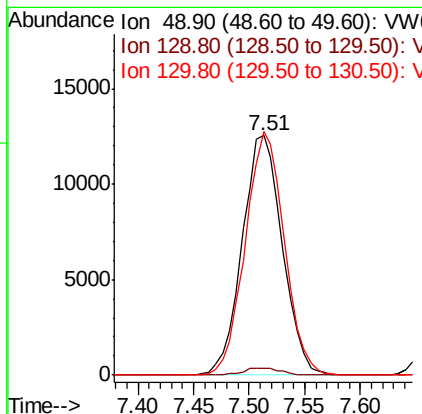
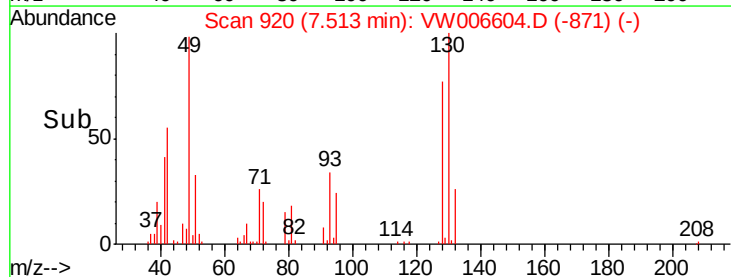
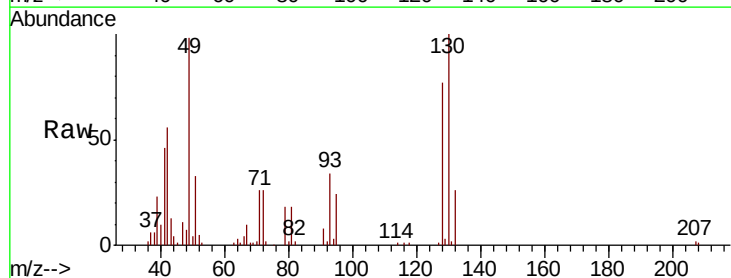
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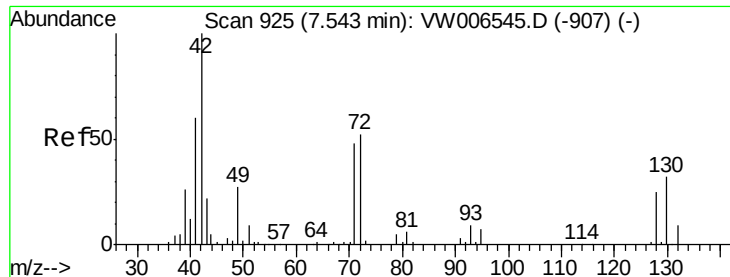


#28

Bromochloromethane
Concen: 20.590 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.6
130	98.8	82.2	123.2





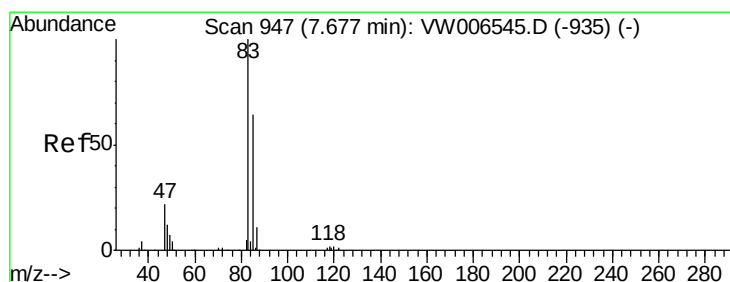
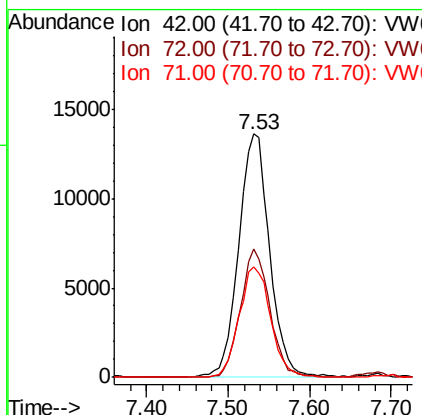
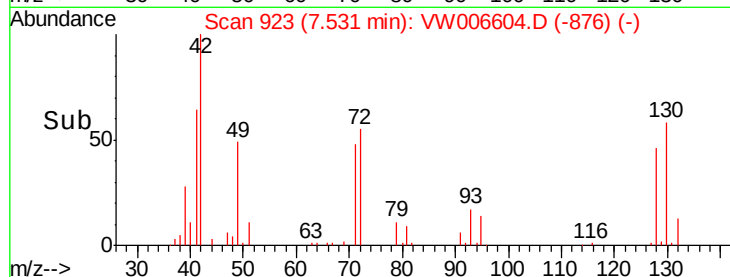
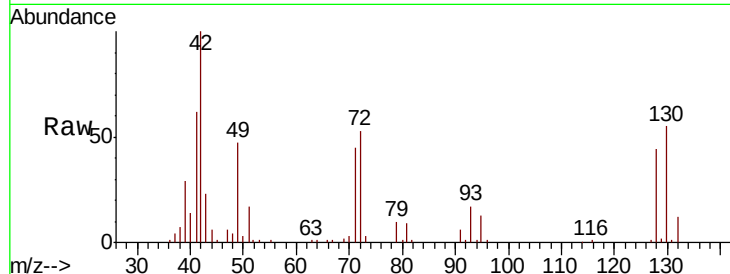
#29
Tetrahydrofuran
Concen: 112.833 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
VW1104SBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.1	39.2	58.8
71	46.0	37.6	56.4

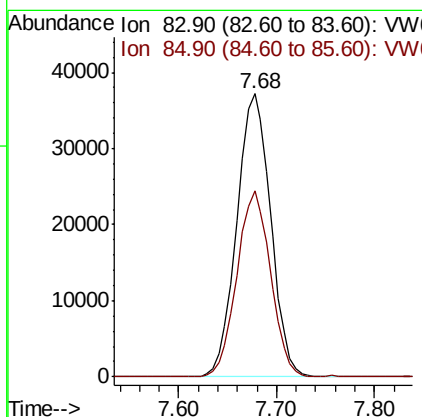
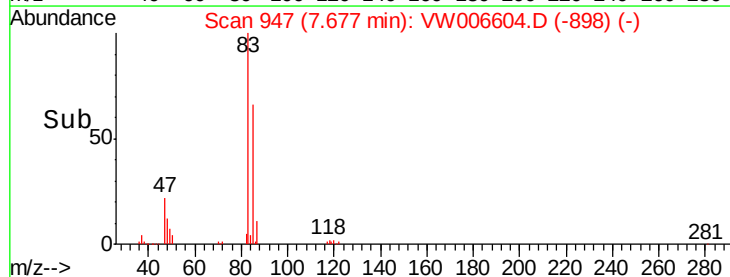
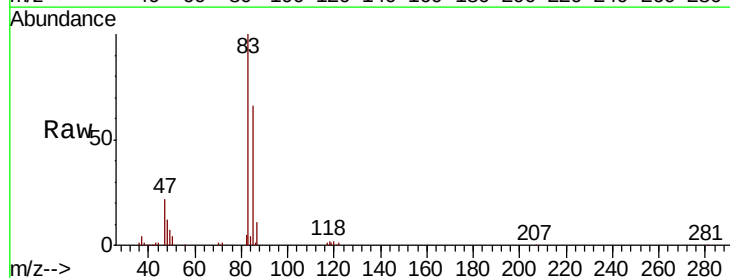
Manual Integrations
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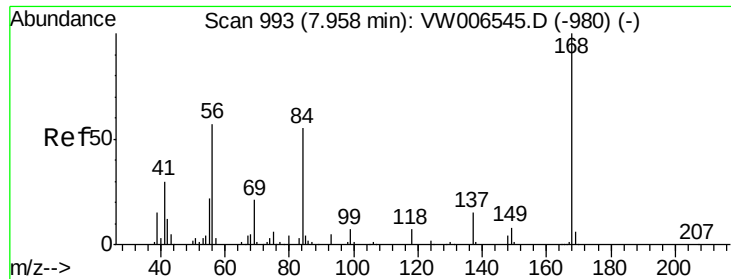
apatel
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#30
Chloroform
Concen: 21.269 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	51.3	76.9





#31

Cyclohexane

Concen: 21.761 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

Instrument :

MSVOA_W

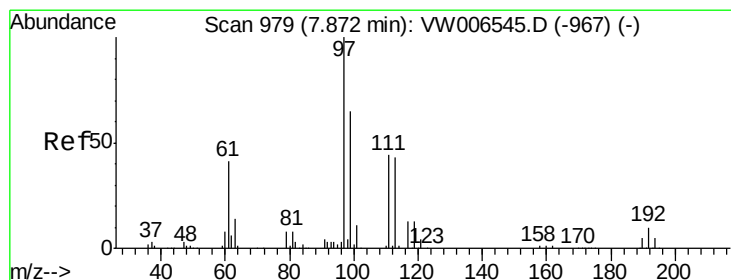
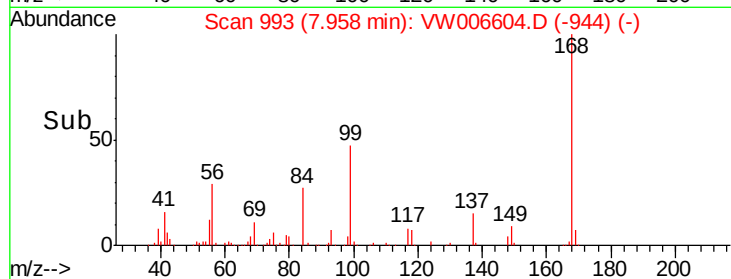
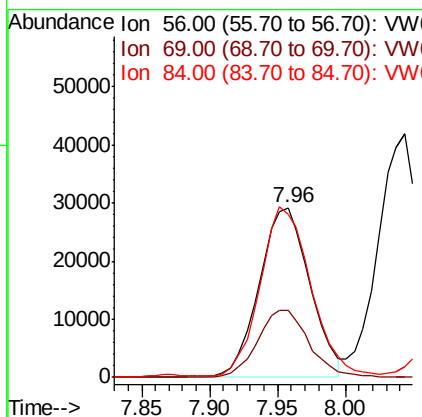
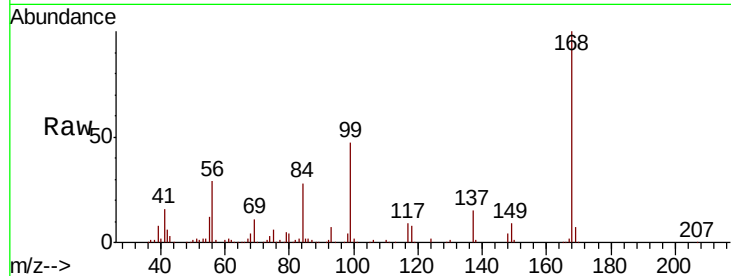
ClientSampleId :

VW1104SBSD01

Tot Ion:	56	Resp:	76019
Ion Ratio	Lower	Upper	
56	100		
69	39.3	29.0	43.4
84	94.9	77.8	116.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 21.550 ug/l

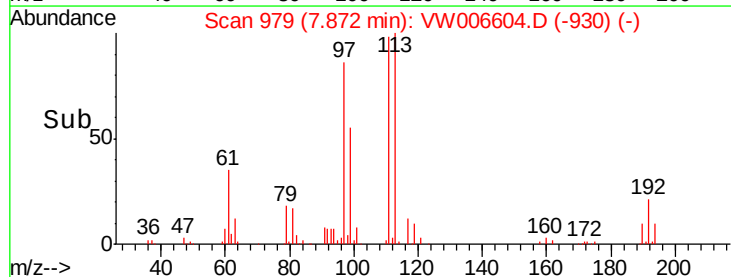
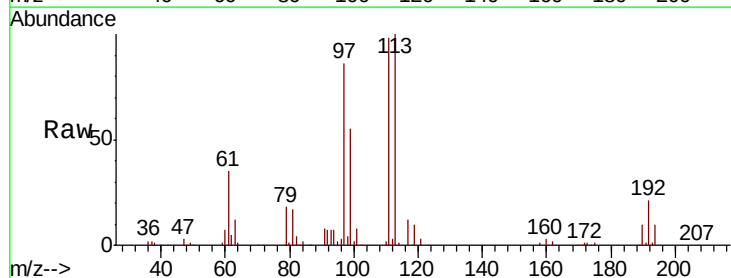
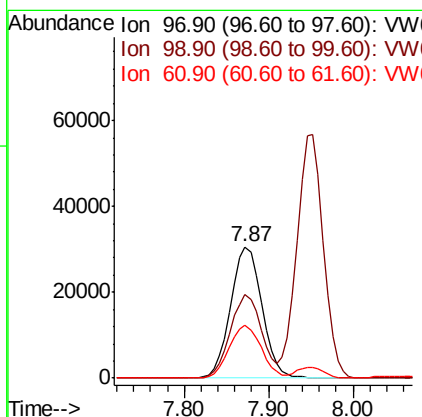
RT: 7.87 min Scan# 979

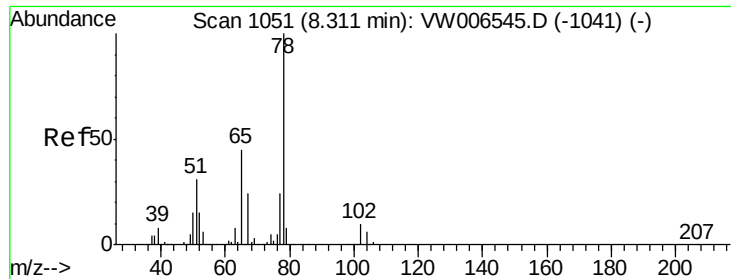
Delta R.T. 0.00 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

Tgt Ion:	97	Resp:	76735
Ion Ratio	Lower	Upper	
97	100		
99	63.9	51.7	77.5
61	41.1	32.9	49.3





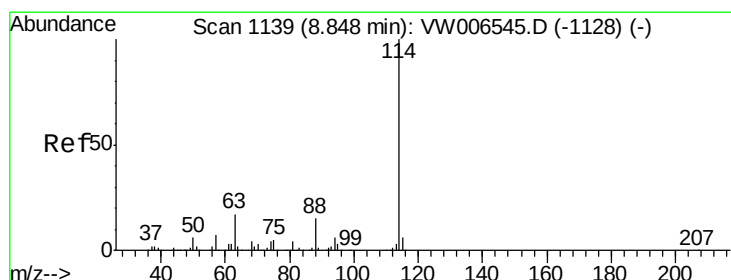
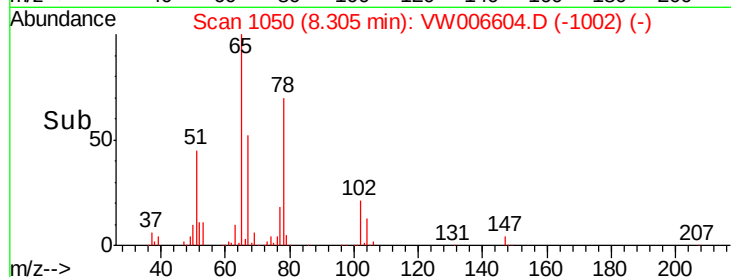
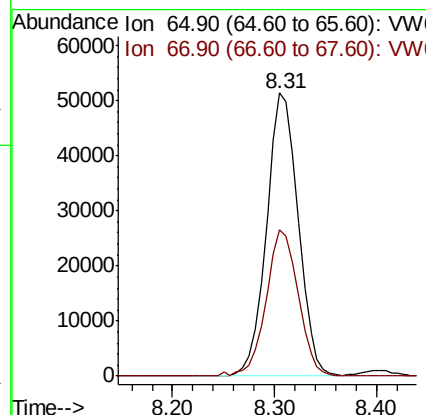
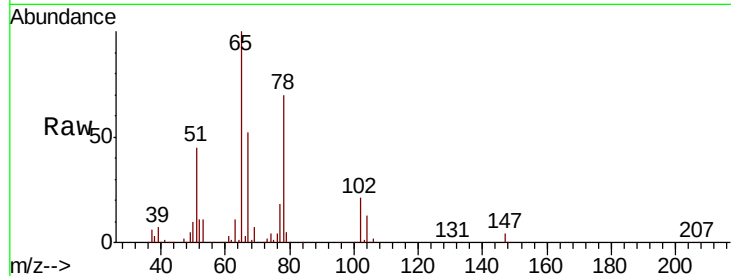
#33
 1,2-Dichloroethane-d4
 Concen: 50.422 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW006604.D
 Acq: 02 Nov 2018 16:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1104SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.6	0.0	104.4	

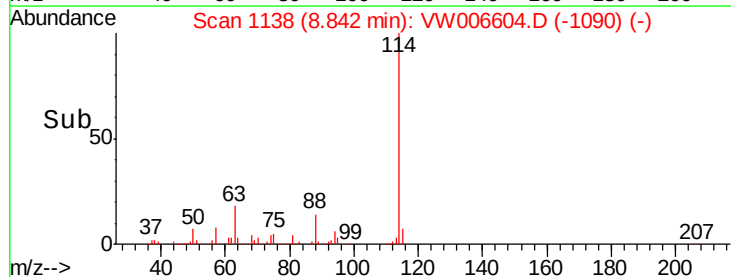
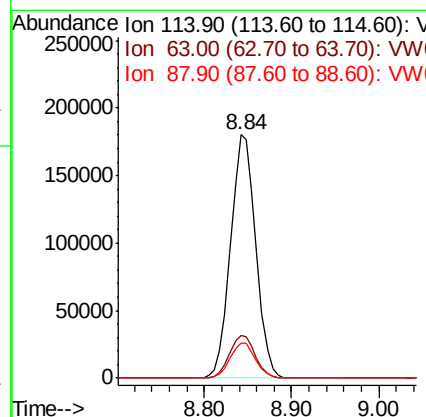
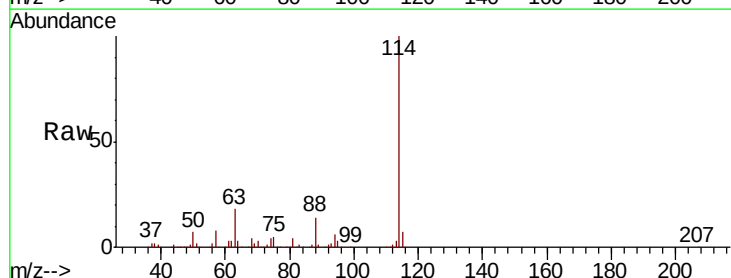
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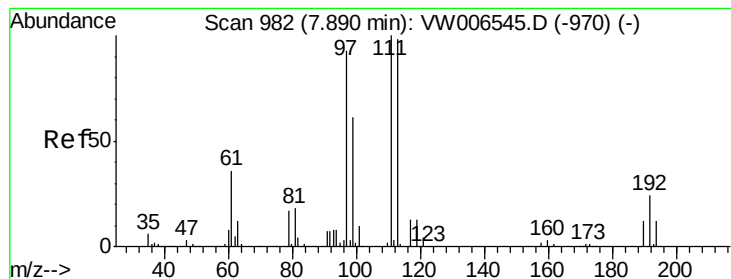
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW006604.D
 Acq: 02 Nov 2018 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.7	0.0	34.4	
88	14.4	0.0	29.0	





#35

Dibromofluoromethane

Concen: 51.540 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

Instrument :

MSVOA_W

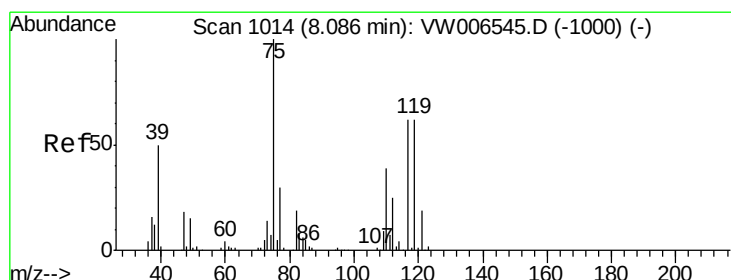
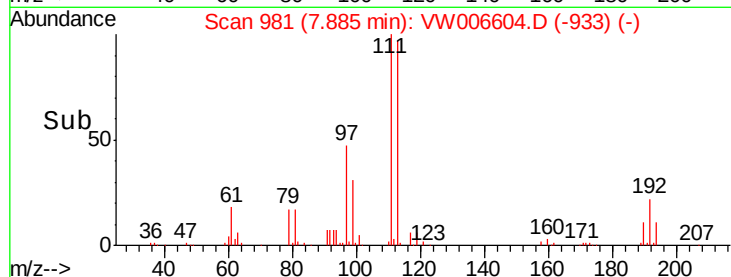
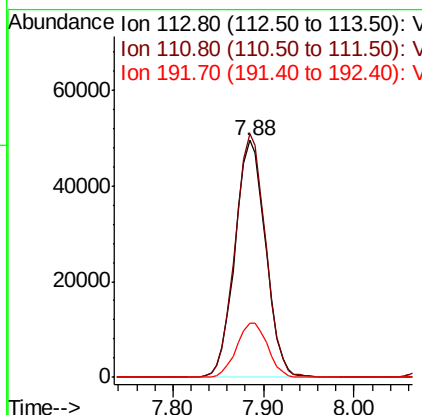
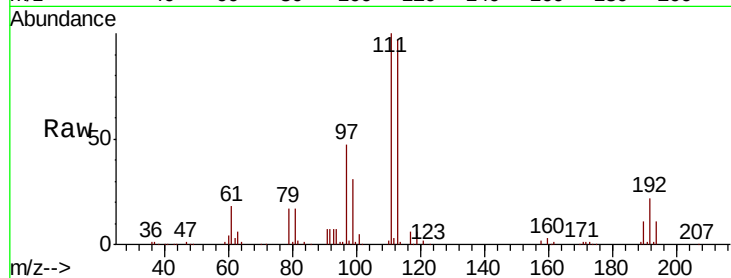
ClientSampleId :

VW1104SBSD01

Tot Ion:	113	Resp:	116088
Ion Ratio	Lower	Upper	
113	100		
111	102.0	82.2	123.2
192	23.3	19.0	28.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 22.786 ug/l

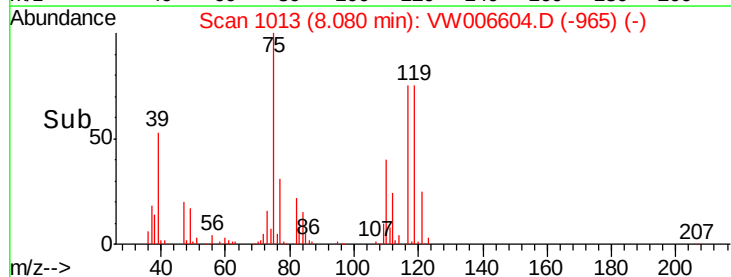
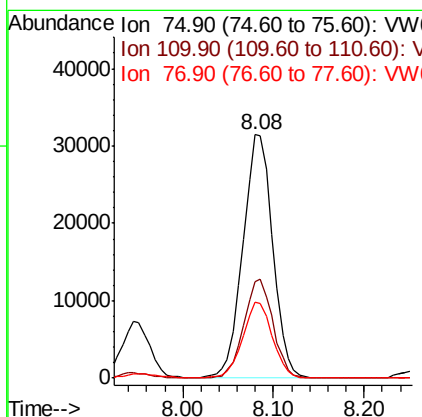
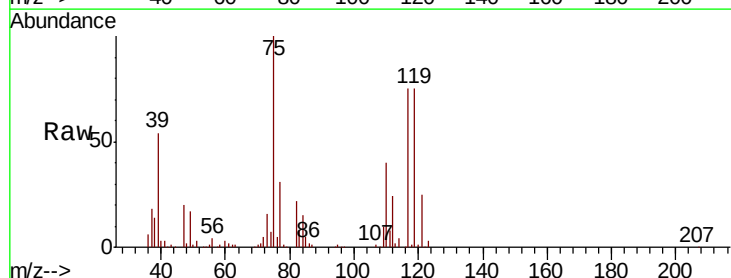
RT: 8.08 min Scan# 1013

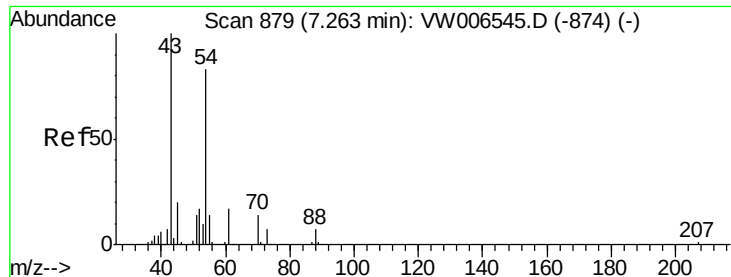
Delta R.T. -0.01 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

Tgt Ion:	75	Resp:	71916
Ion Ratio	Lower	Upper	
75	100		
110	39.5	19.5	58.5
77	31.1	24.6	37.0





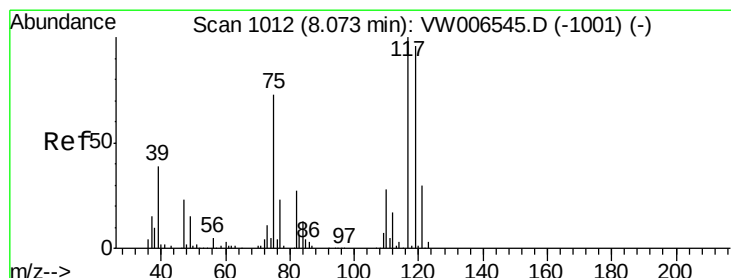
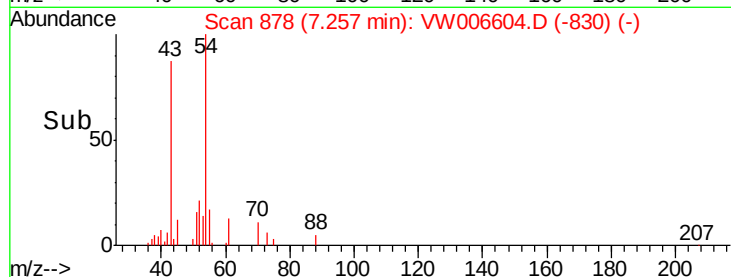
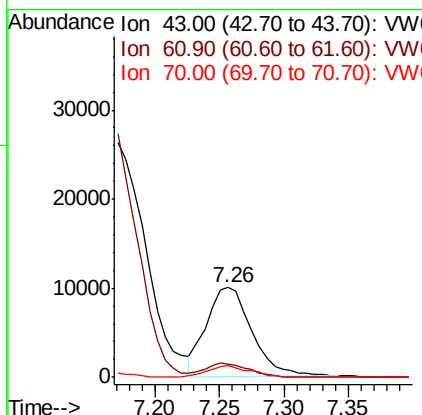
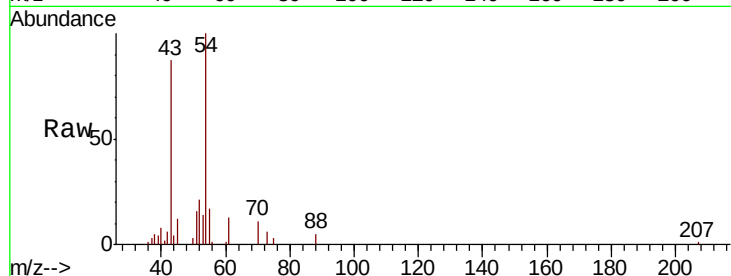
#37
Ethyl Acetate
Concen: 22.572 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
VW1104SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.7	12.1	18.1
70	12.3	9.8	14.6

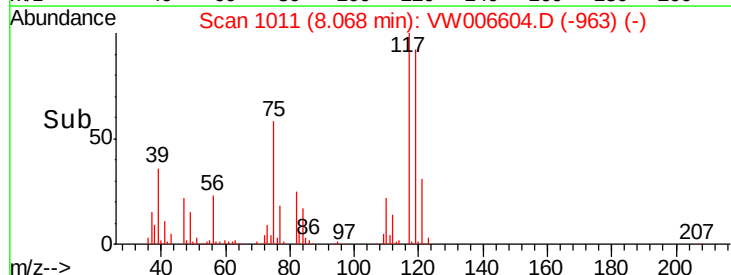
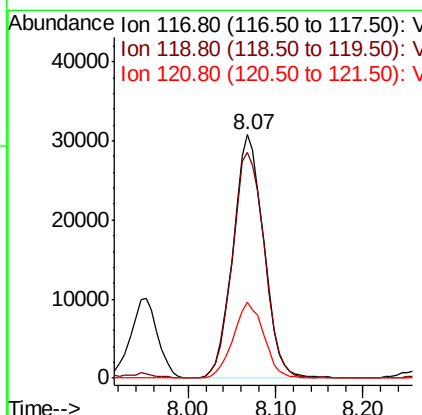
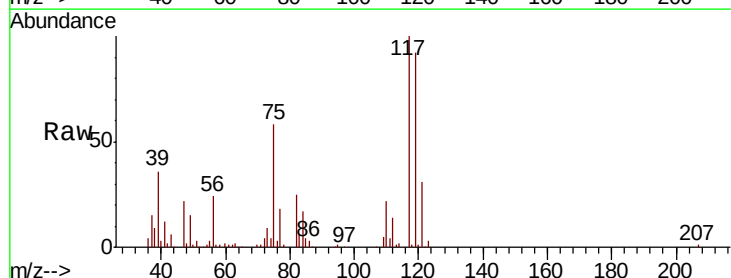
Manual Integrations
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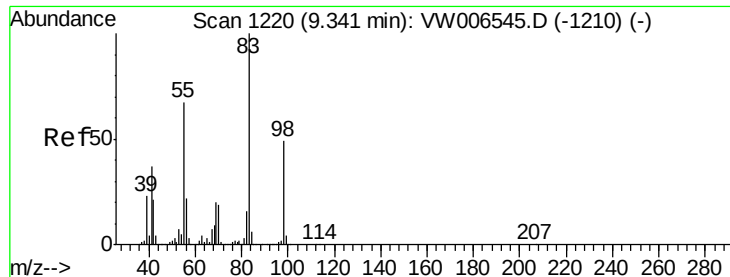
apatel
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#38
Carbon Tetrachloride
Concen: 22.868 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.5	76.3	114.5
121	31.0	24.1	36.1





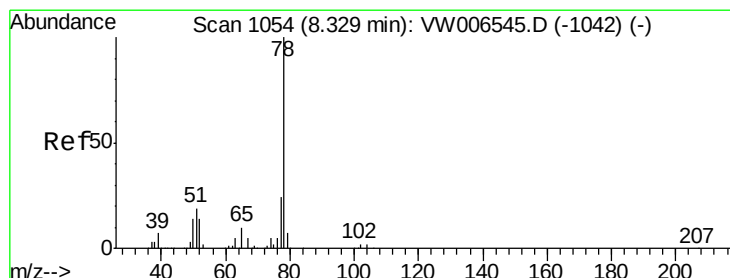
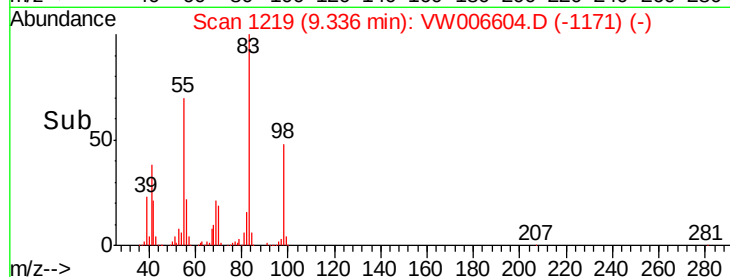
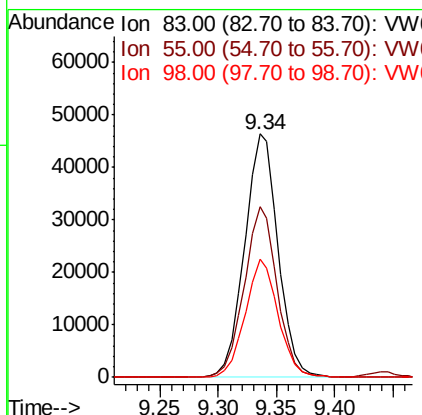
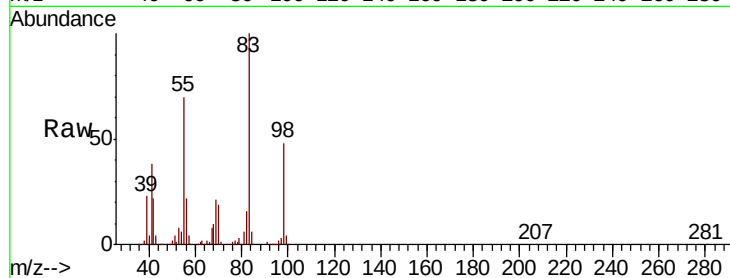
#39
Methylvlcyclohexane
Concen: 23.236 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
VW1104SBSD01

Tot Ion	83	Resp	93066
Ion Ratio	Lower	Upper	
83	100		
55	70.3	53.7	80.5
98	48.3	39.2	58.8

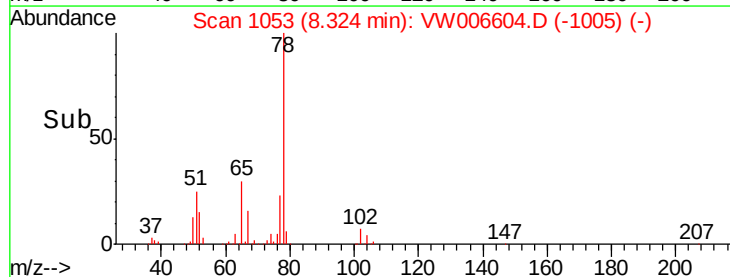
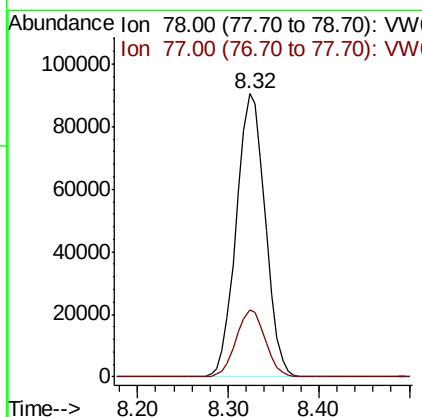
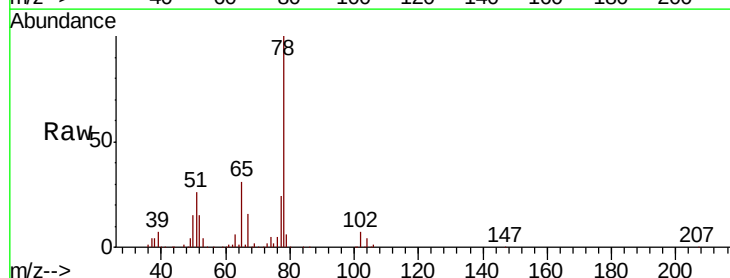
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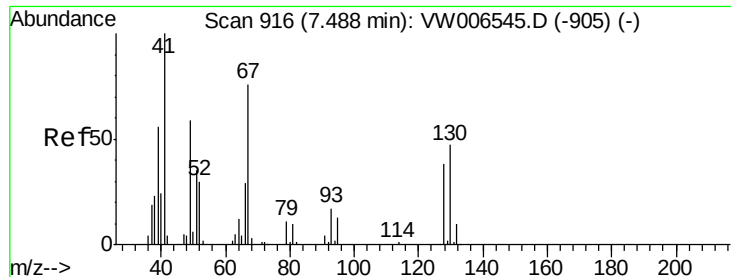
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#40
Benzene
Concen: 22.309 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Tgt Ion	78	Resp	199996
Ion Ratio	Lower	Upper	
78	100		
77	23.6	19.2	28.8





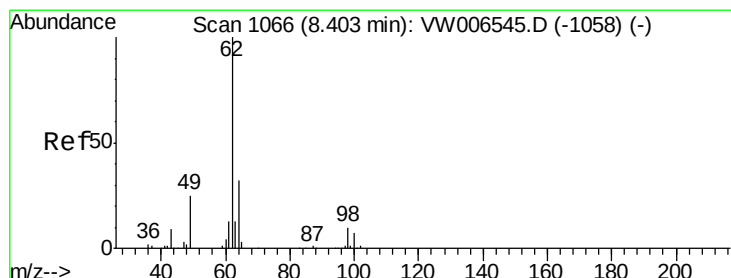
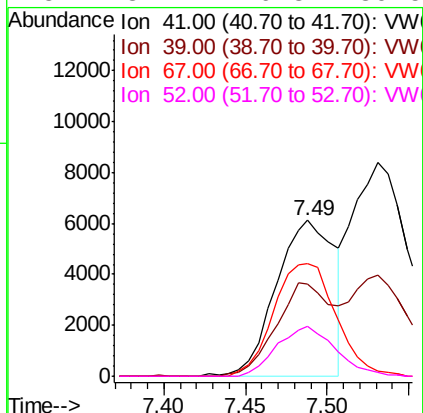
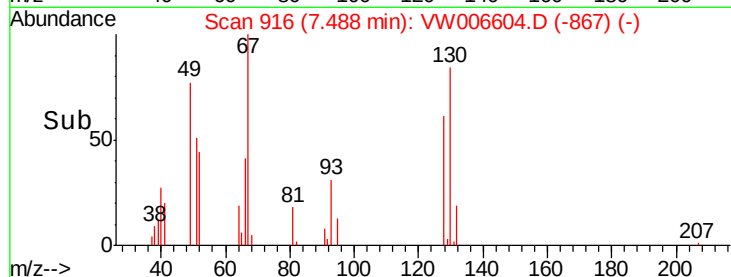
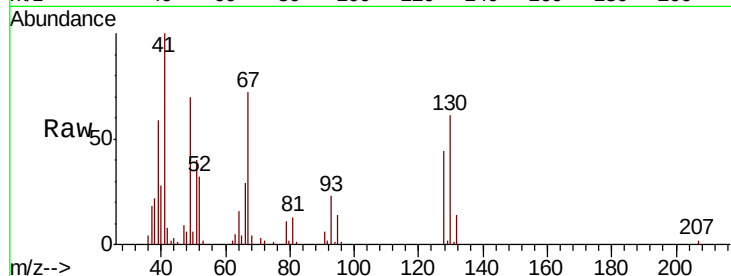
#41
Methacrylonitrile
Concen: 22.735 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
VW1104SBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.4	44.5	66.7	
67	76.7	63.8	95.8	
52	32.1	26.3	39.5	

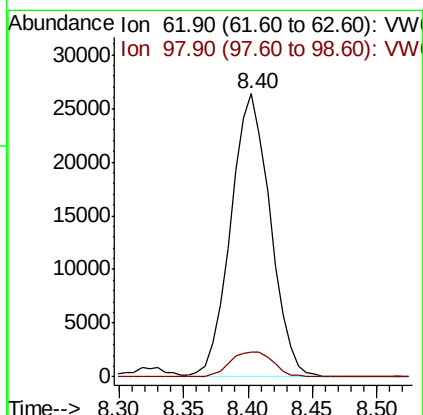
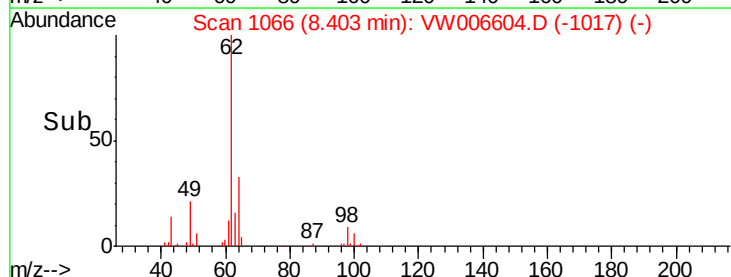
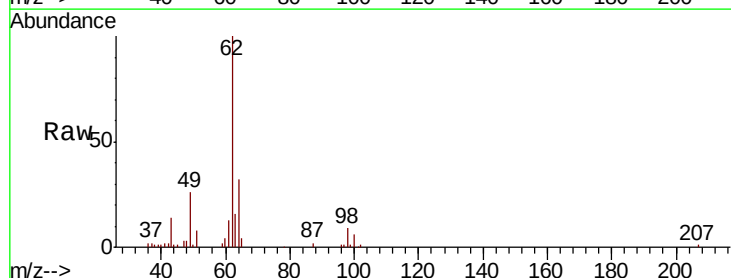
Manual Integrations
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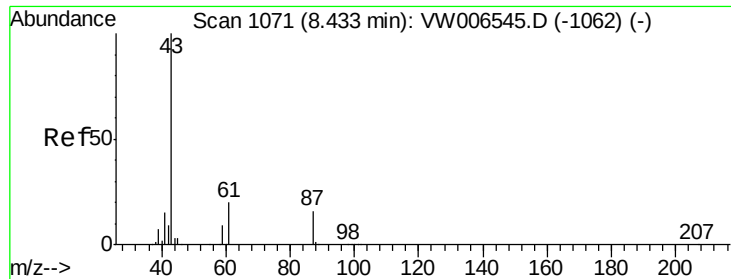
apatel
11/5/2018 10:12:44 AM



#42
1,2-Dichloroethane
Concen: 21.876 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

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





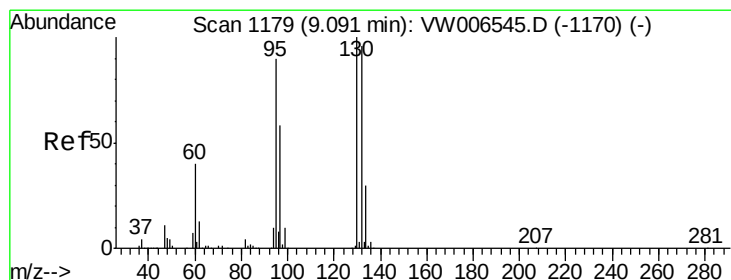
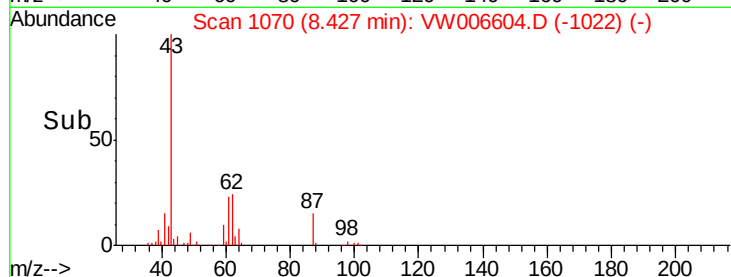
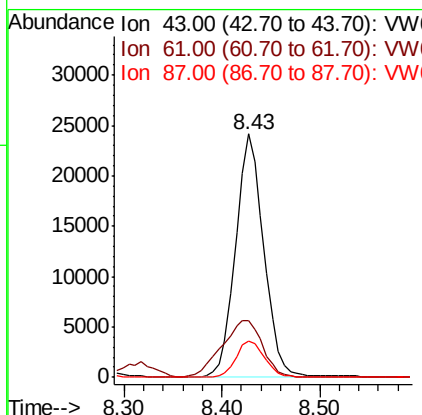
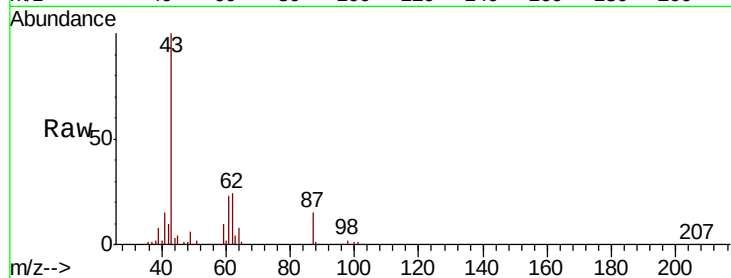
#43
Isopropyl Acetate
Concen: 22.197 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. -0.01 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
VW1104SBS01

Tot Ion	43	Resp	48446
Ion Ratio	100	Lower	Upper
43	100		
61	33.4	27.2	40.8
87	15.1	12.9	19.3

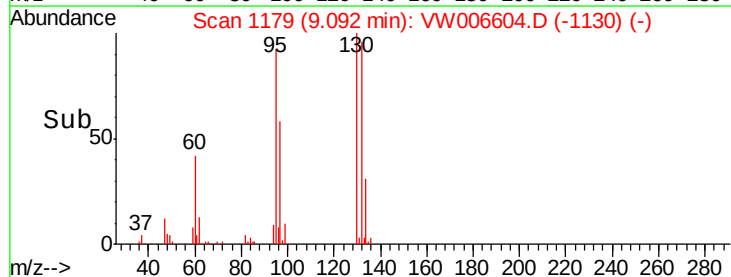
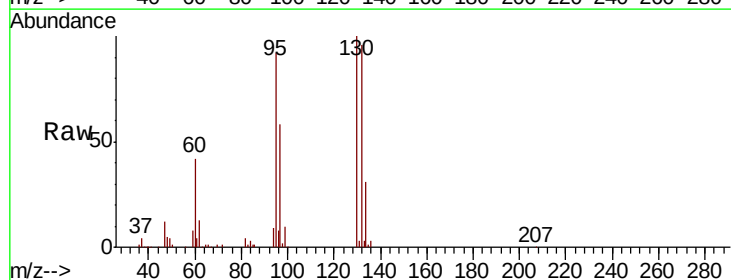
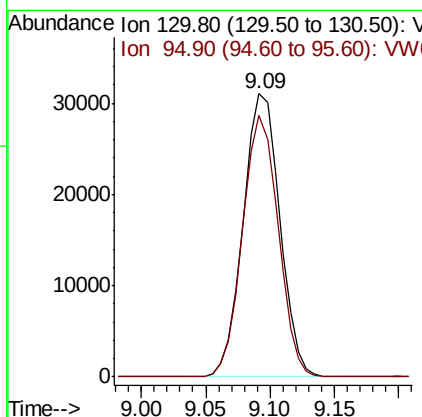
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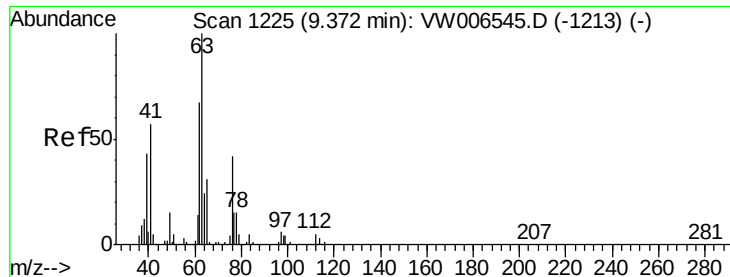
apatel
11/5/2018 10:12:44 AM



#44
Trichloroethene
Concen: 22.193 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Tgt Ion	130	Resp	61393
Ion Ratio	100	Lower	Upper
130	100		
95	92.3	0.0	179.2





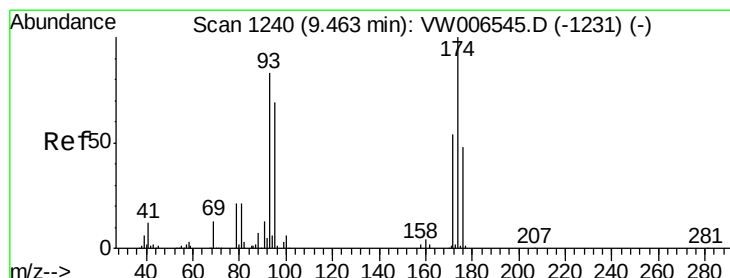
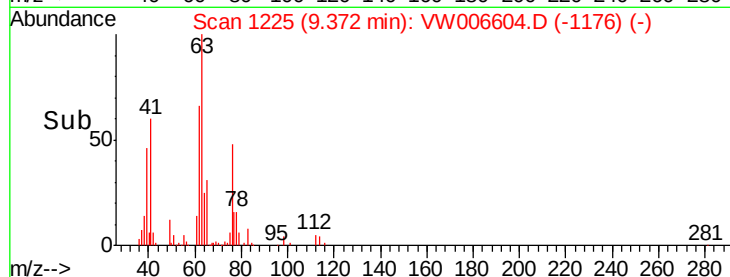
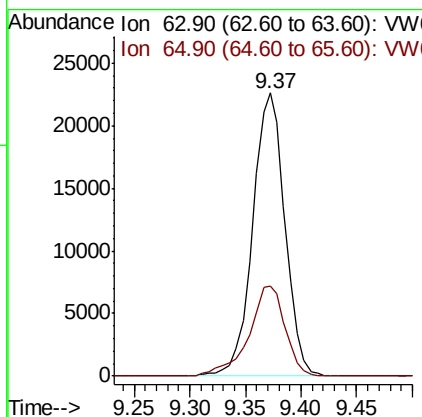
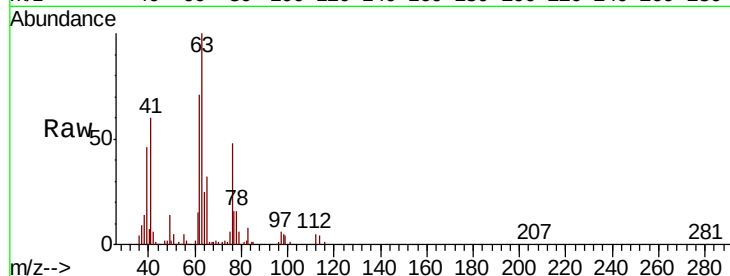
#45
 1,2-Dichloropropane
 Concen: 21.816 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006604.D
 Acq: 02 Nov 2018 16:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1104SBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	25.1	37.7

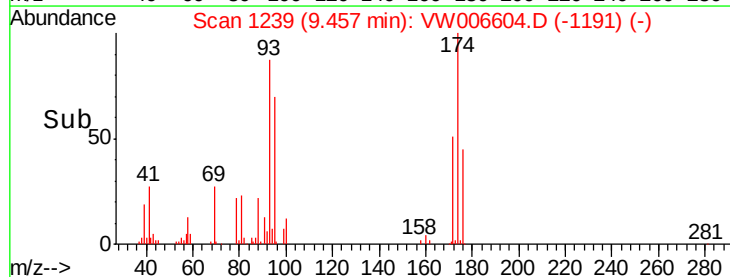
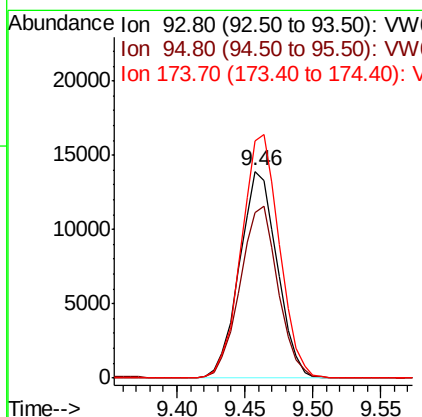
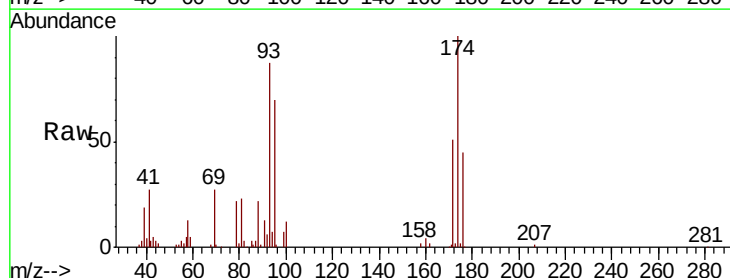
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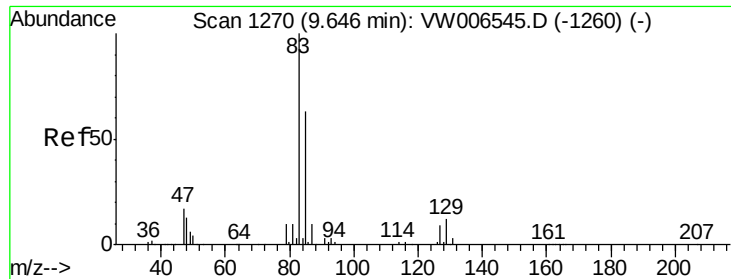
apatel
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#46
 Dibromomethane
 Concen: 22.032 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW006604.D
 Acq: 02 Nov 2018 16:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.3	67.2	100.8
174	118.5	97.3	145.9





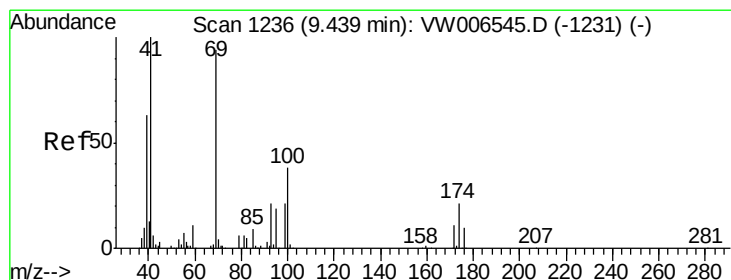
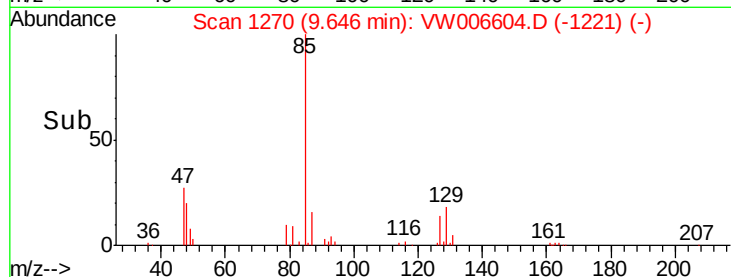
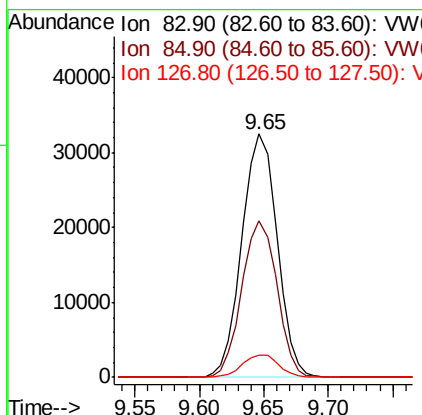
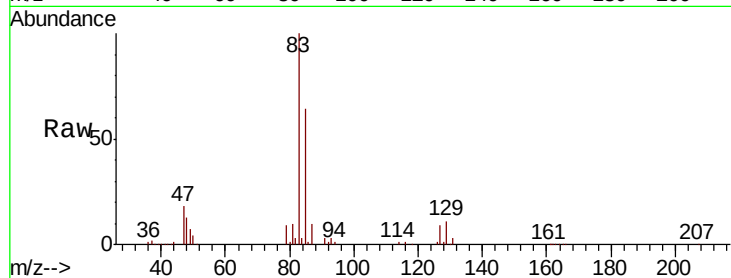
#47
Bromodichloromethane
Concen: 21.669 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
VW1104SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.6	75.8
127	9.0	7.5	11.3

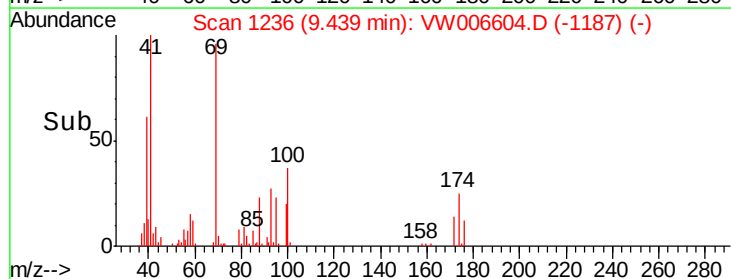
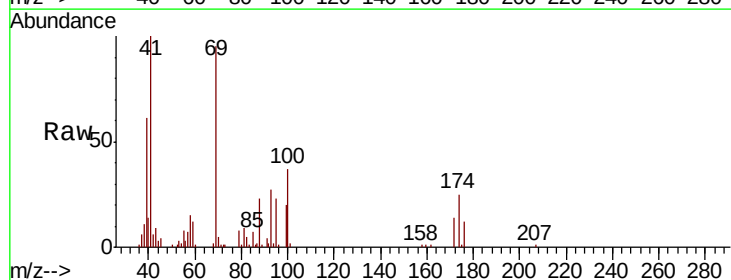
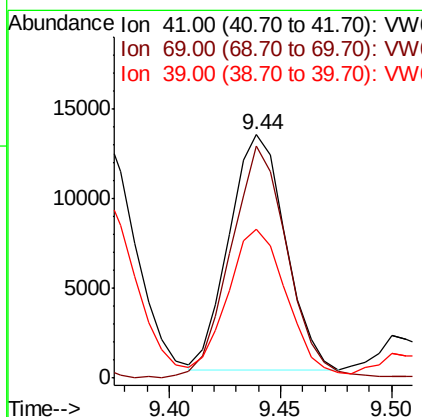
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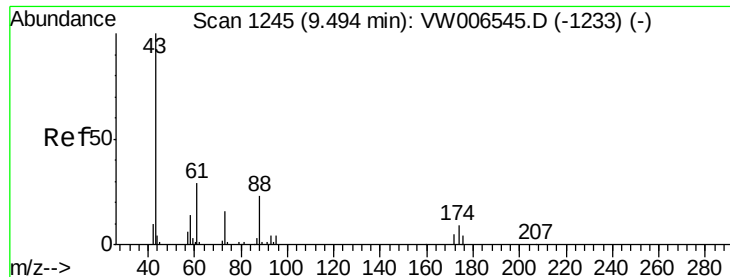
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#48
Methyl methacrylate
Concen: 22.006 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Tgt Ion	Ratio	Lower	Upper
41	100		
69	100.3	77.8	116.8
39	62.4	48.7	73.1





#49

1,4-Dioxane

Concen: 470.531 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.05 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

Instrument :

MSVOA_W

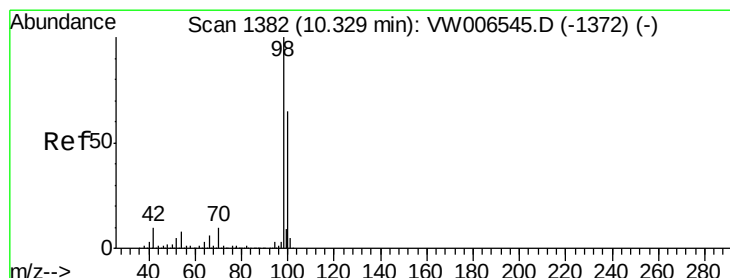
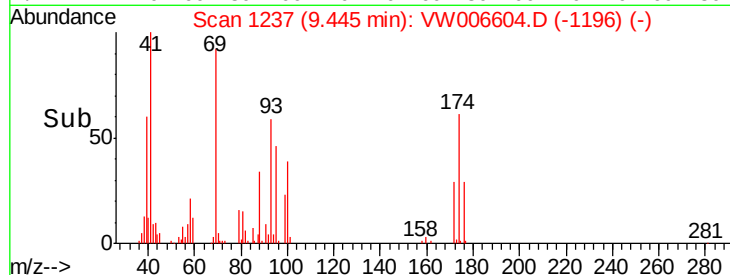
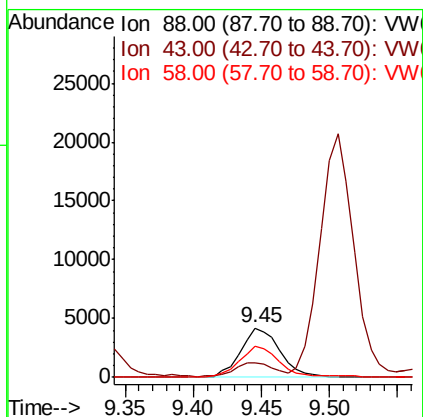
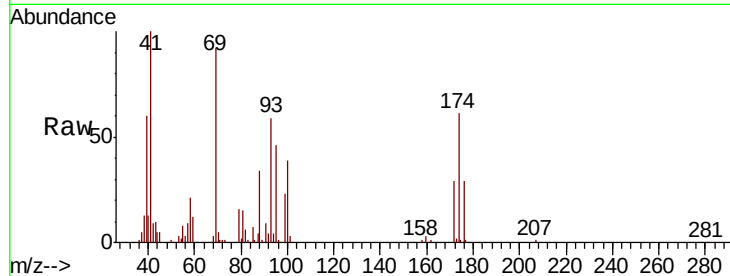
ClientSampleId :

VW1104SBSD01

Tot Ion:	88	Resp:	8445
Ion Ratio	Lower	Upper	
88	100		
43	29.9	356.6	534.8#
58	63.6	51.4	77.2

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#50

Toluene-d8

Concen: 52.395 ug/l

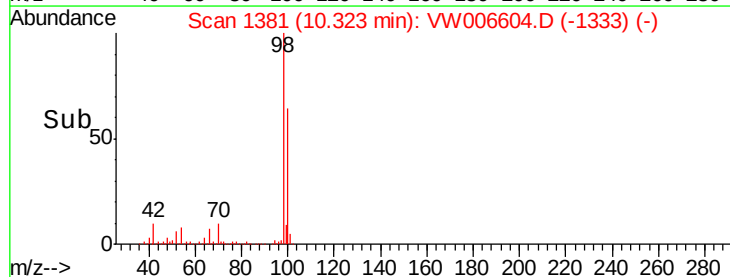
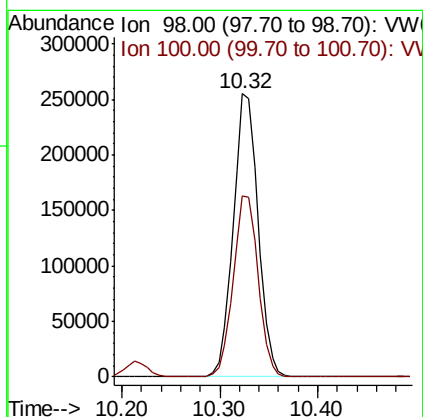
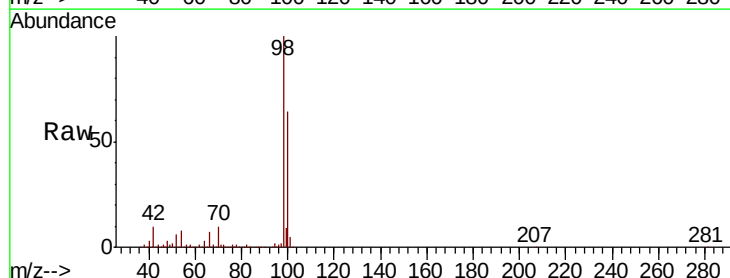
RT: 10.32 min Scan# 1381

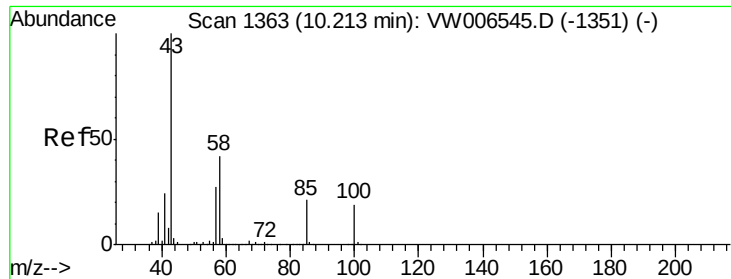
Delta R.T. -0.01 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

Tgt Ion:	98	Resp:	449250
Ion Ratio	Lower	Upper	
98	100		
100	64.2	51.6	77.4





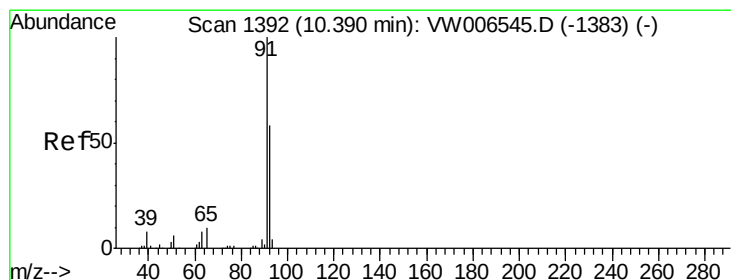
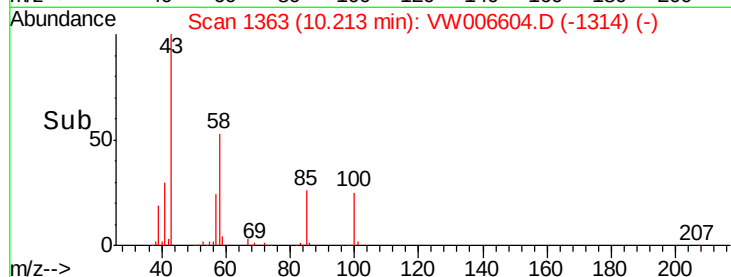
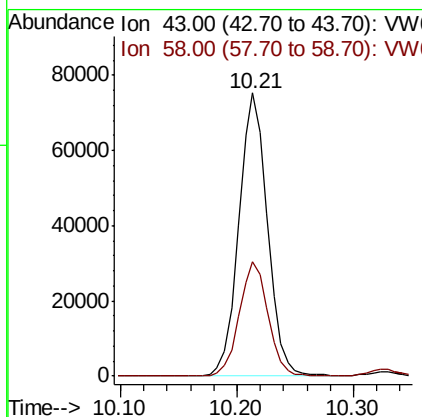
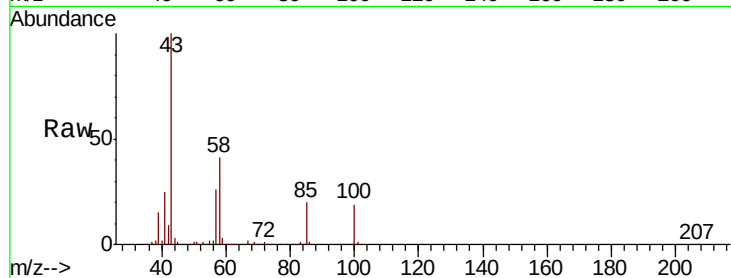
#51
4-Methyl-2-Pentanone
Concen: 114.927 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
VW1104SBS01

Tot Ion: 43 Resp: 128824
Ion Ratio Lower Upper
43 100
58 40.7 33.4 50.0

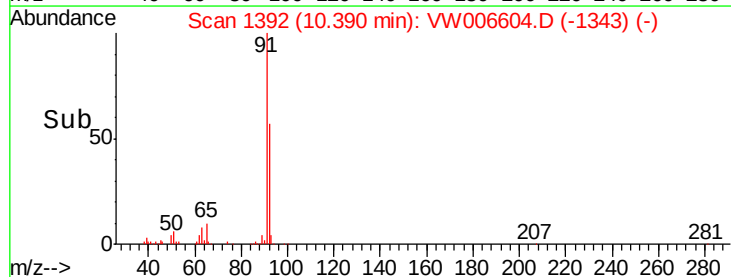
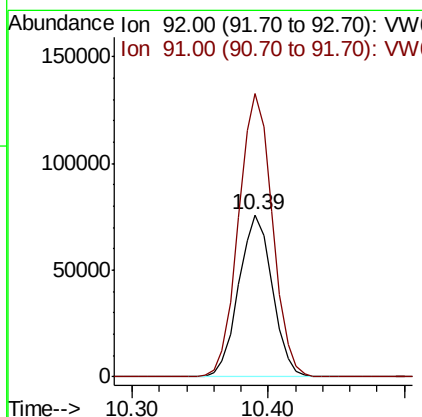
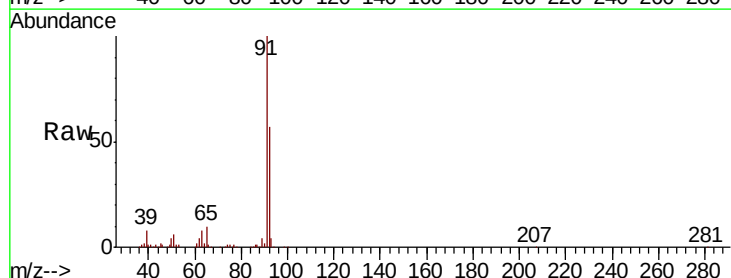
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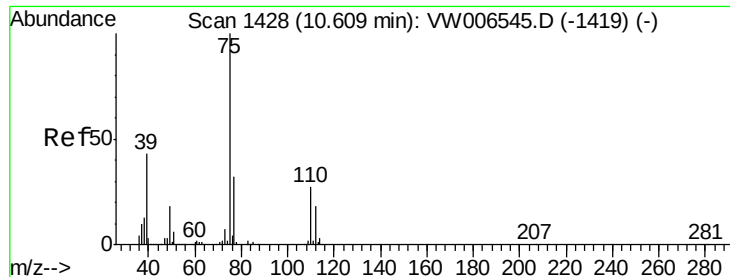
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#52
Toluene
Concen: 21.772 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Tgt Ion: 92 Resp: 130908
Ion Ratio Lower Upper
92 100
91 175.9 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 22.185 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

VW1104SBSD01

Tot Ion: 75 Resp: 60798

Ion Ratio Lower Upper

75 100

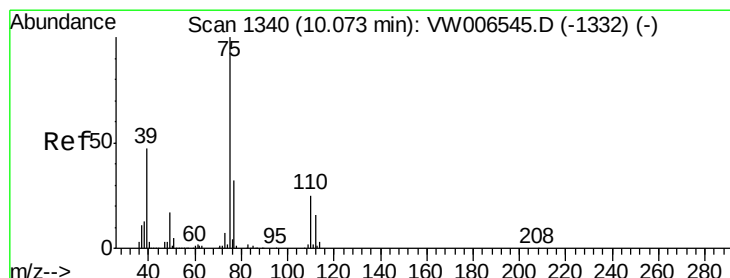
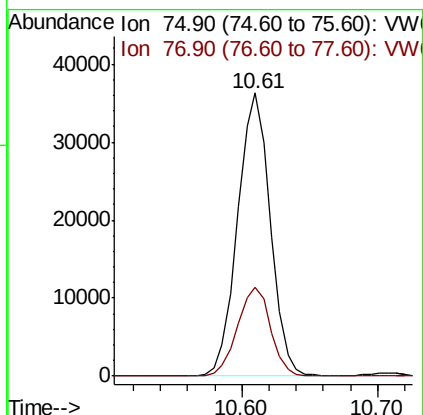
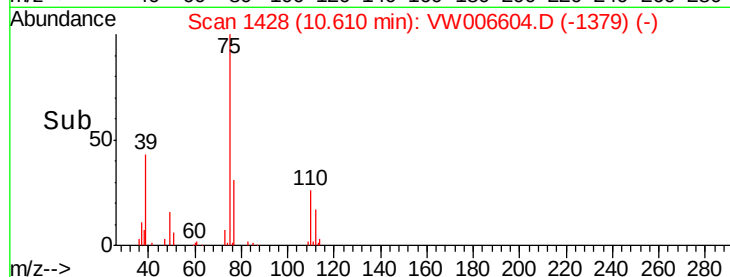
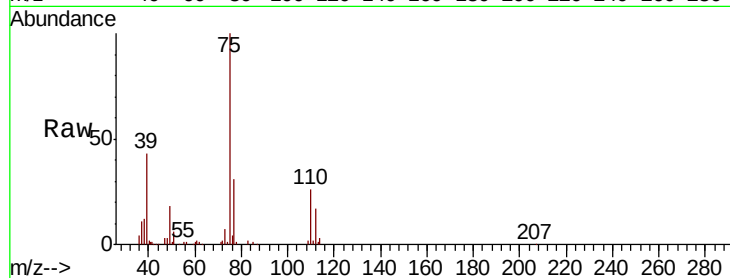
77 31.1 25.6 38.4

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#54

cis-1,3-Dichloropropene

Concen: 21.859 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

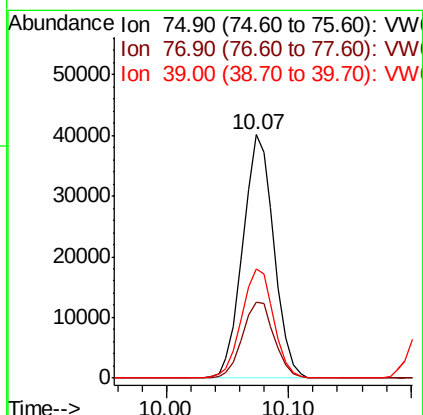
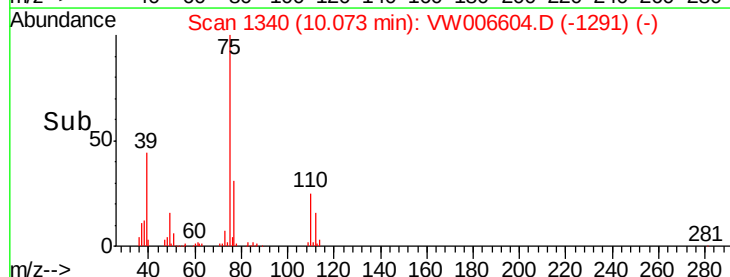
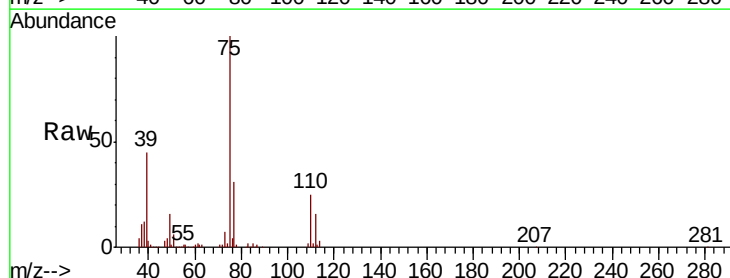
Tgt Ion: 75 Resp: 70791

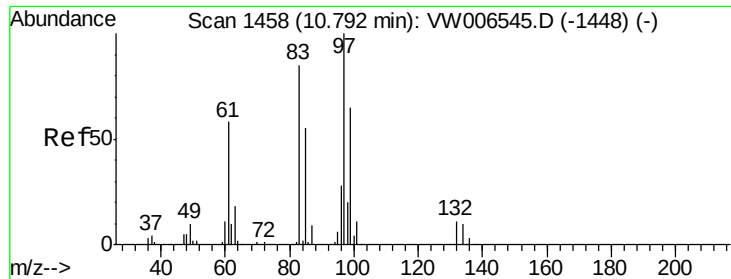
Ion Ratio Lower Upper

75 100

77 31.0 25.7 38.5

39 44.5 37.3 55.9





#55

1,1,2-Trichloroethane

Concen: 21.960 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.01 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

Instrument :

MSVOA_W

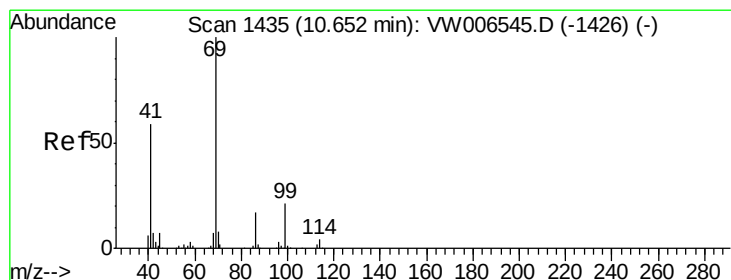
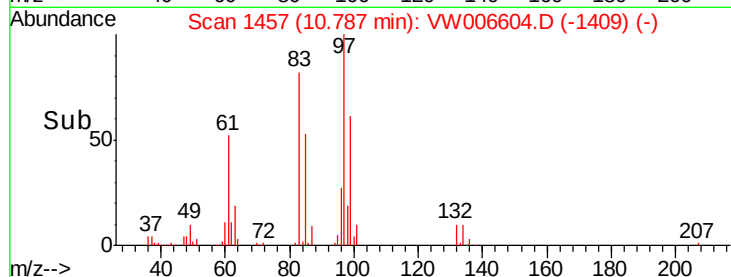
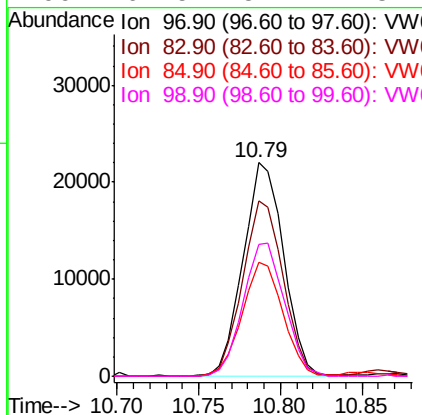
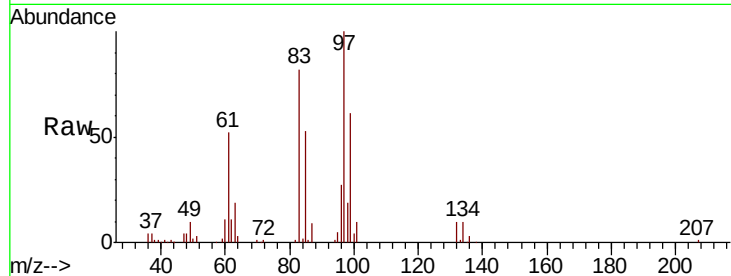
ClientSampleId :

VW1104SBSD01

Tot Ion:	97	Resp:	38211
Ion	Ratio	Lower	Upper
97	100		
83	81.9	67.9	101.9
85	53.1	44.0	66.0
99	61.5	52.2	78.2

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#56

Ethyl methacrylate

Concen: 21.493 ug/l

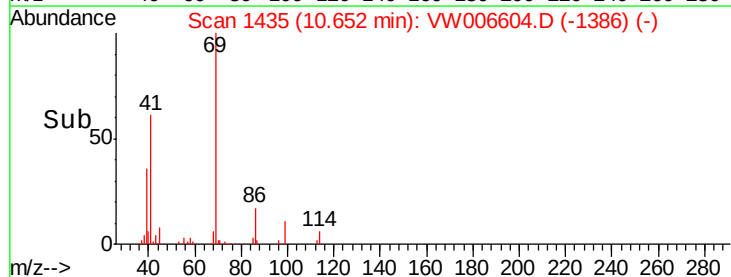
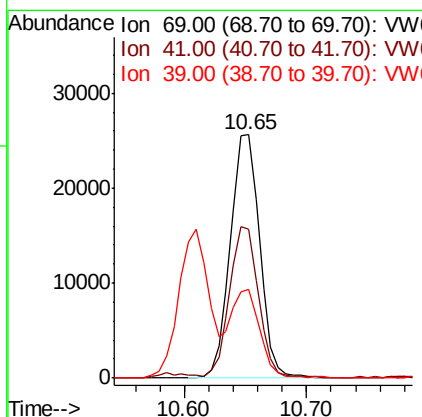
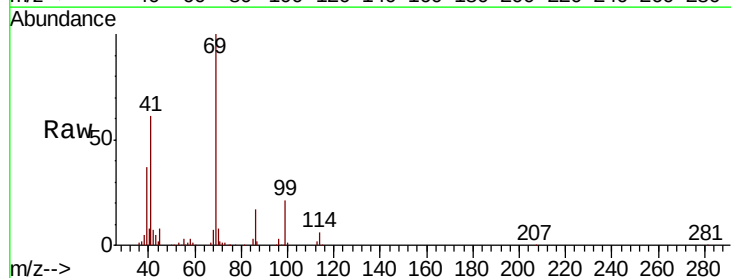
RT: 10.65 min Scan# 1435

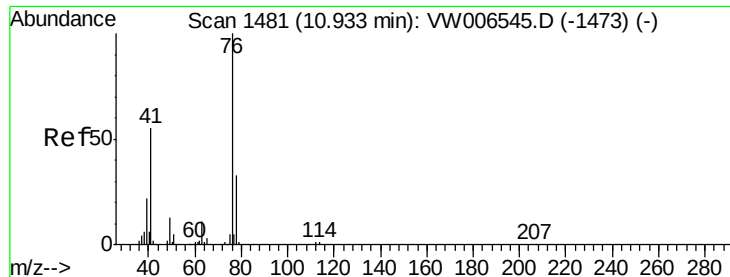
Delta R.T. 0.00 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

Tgt Ion:	69	Resp:	42507
Ion	Ratio	Lower	Upper
69	100		
41	62.6	47.4	71.2
39	36.5	25.3	37.9





#57

1,3-Dichloropropane

Concen: 21.796 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampled :

VW1104SBSD01

Tot Ion: 76 Resp: 61585

Ion Ratio Lower Upper

76 100

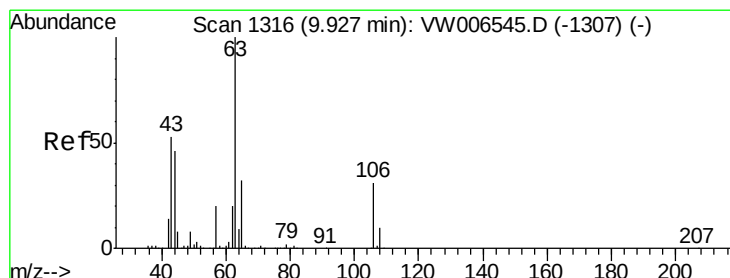
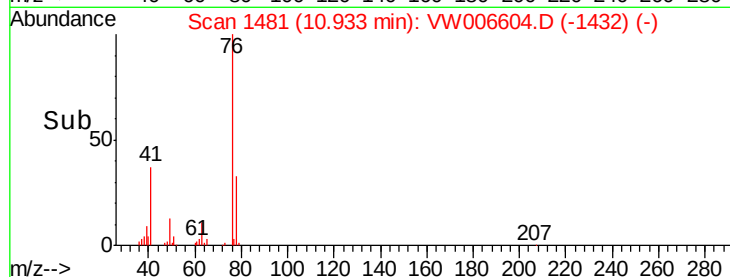
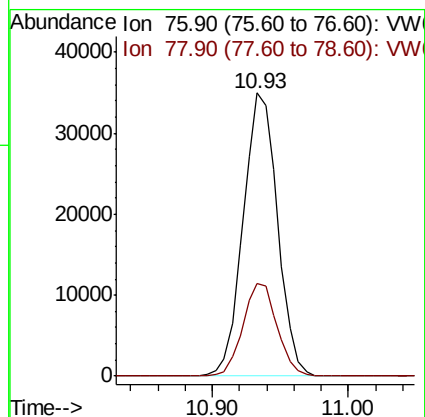
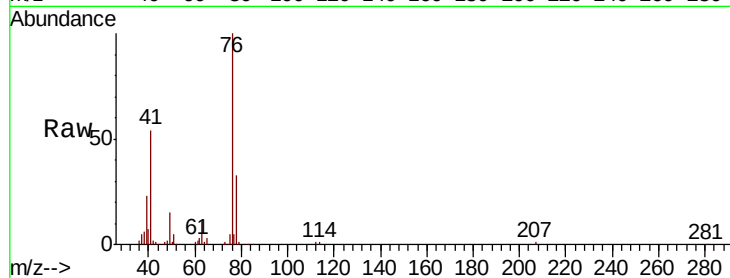
78 32.7 26.2 39.4

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#58

2-Chloroethyl Vinyl ether

Concen: 97.897 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW006604.D

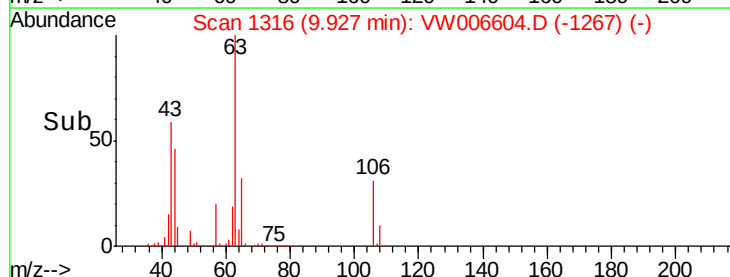
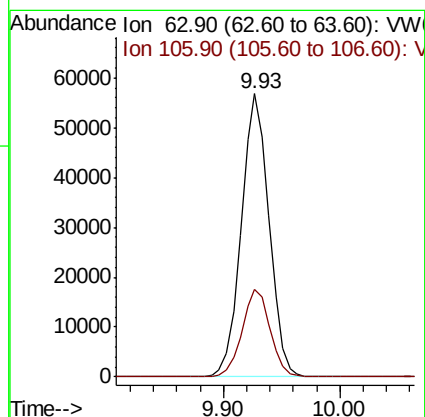
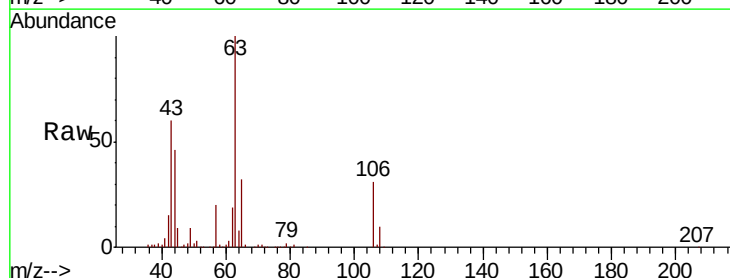
Acq: 02 Nov 2018 16:32

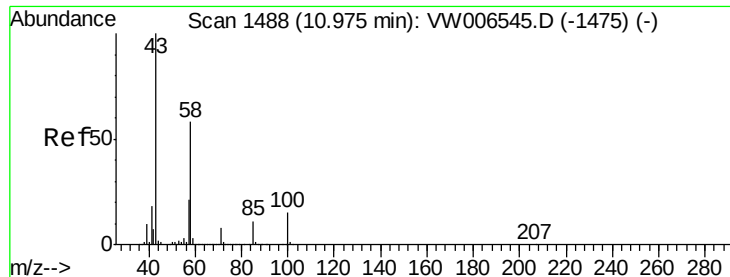
Tgt Ion: 63 Resp: 94118

Ion Ratio Lower Upper

63 100

106 31.2 25.4 38.2





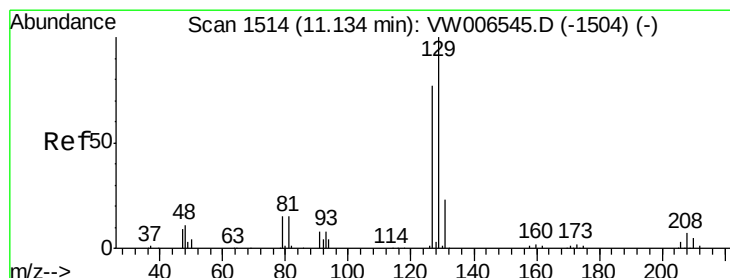
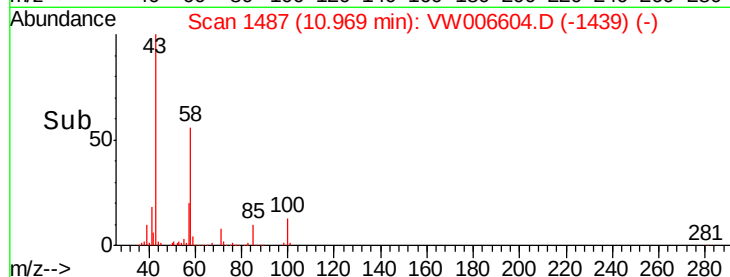
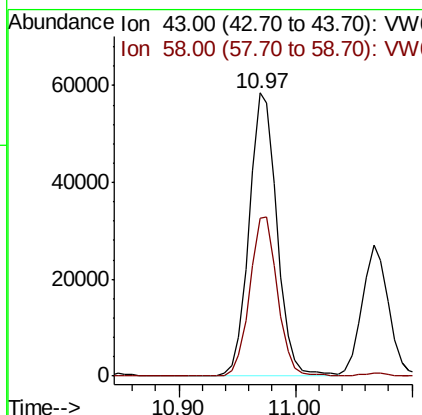
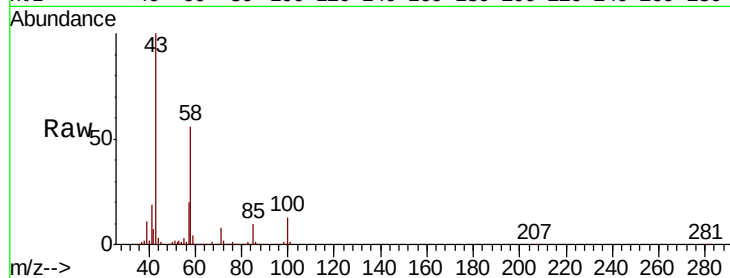
#59
2-Hexanone
Concen: 128.577 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
VW1104SBSD01

Tot Ion	43	Resp	97888
Ion Ratio	100	Lower	Upper
43	100		
58	55.9	28.8	86.4

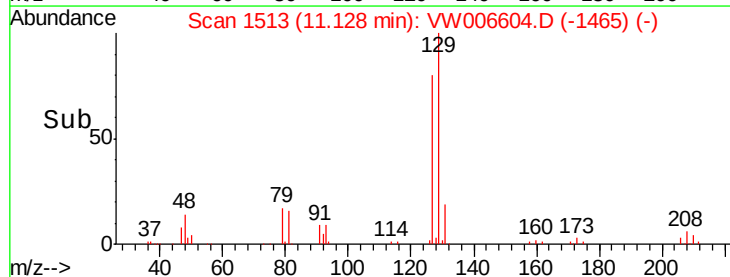
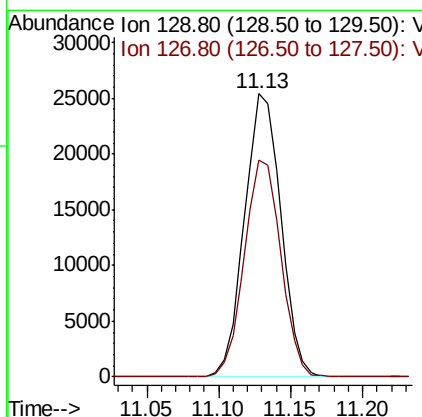
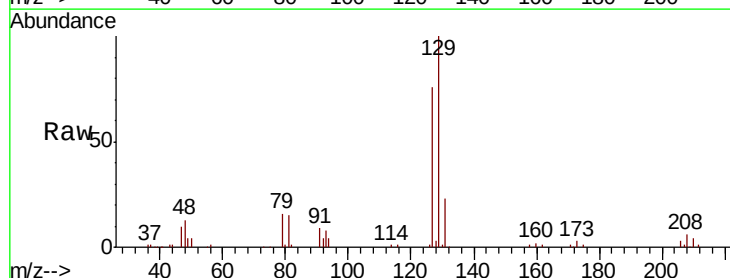
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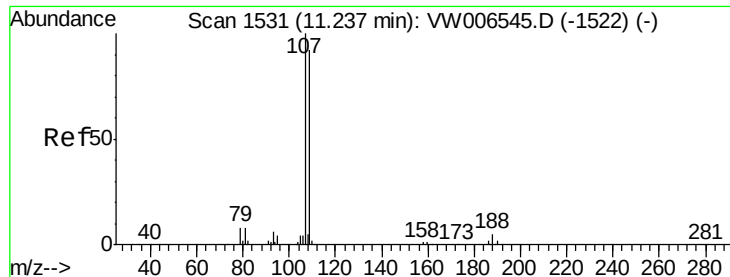
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#60
Dibromochloromethane
Concen: 21.535 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Tgt Ion	129	Resp	44397
Ion Ratio	100	Lower	Upper
129	100		
127	77.0	38.8	116.3





#61

1,2-Dibromoethane

Concen: 21.379 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

VW1104SBSD01

Tot Ion: 107 Resp: 36942

Ion Ratio Lower Upper

107 100

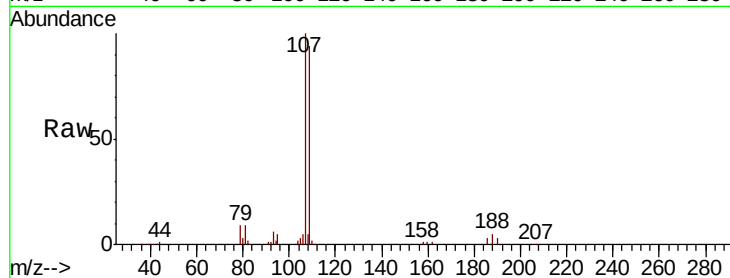
109 95.7 75.8 113.6

Manual Integrations

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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

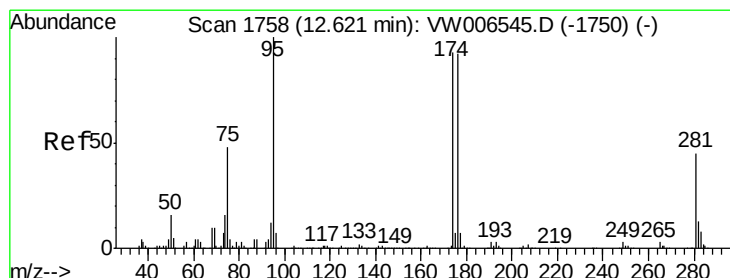
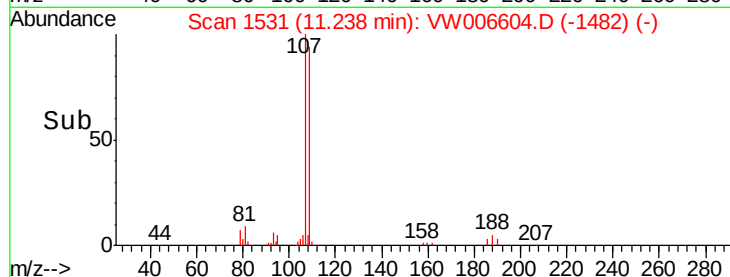
15000

10000

5000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.291 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

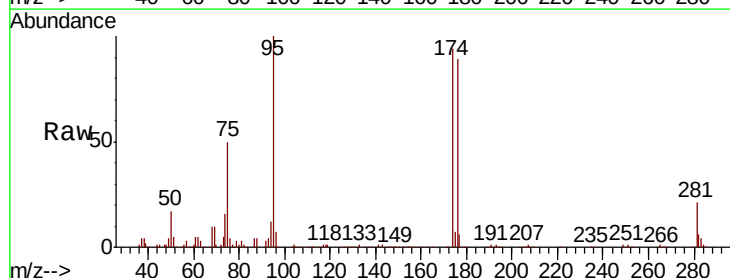
Tgt Ion: 95 Resp: 159441

Ion Ratio Lower Upper

95 100

174 97.1 0.0 192.4

176 93.9 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

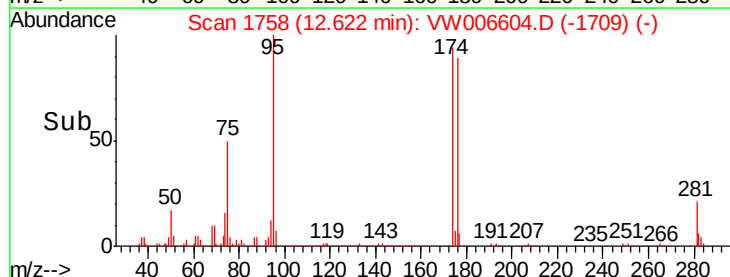
12.62

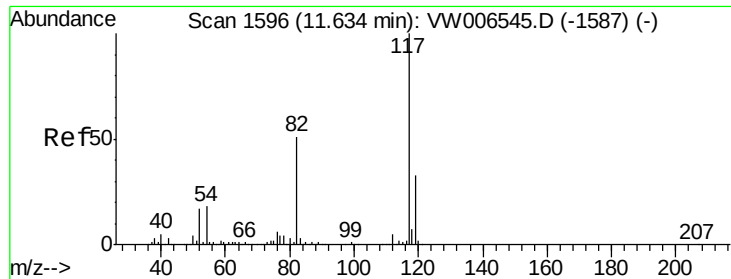
100000

50000

0

Time-->





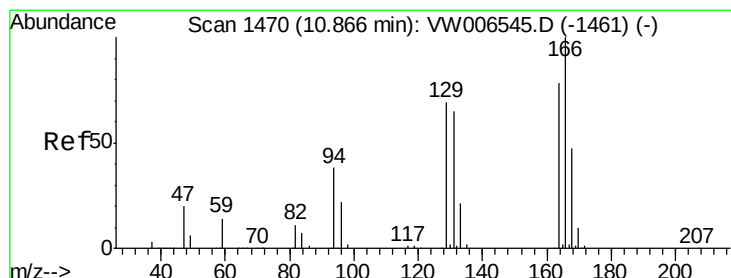
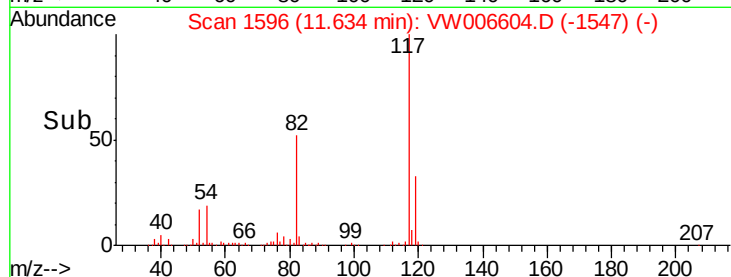
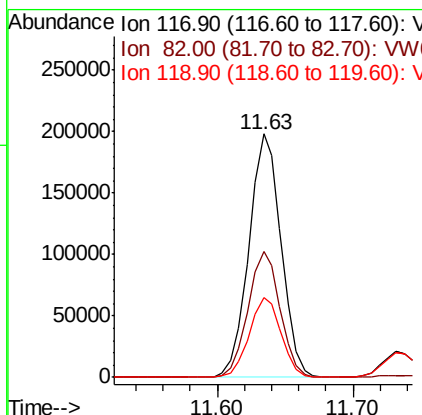
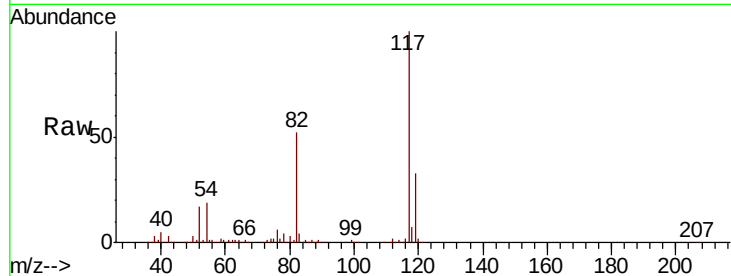
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Instrument :
MSVOA_W
ClientSampled :
VW1104SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.7	40.8	61.2
119	32.6	26.1	39.1

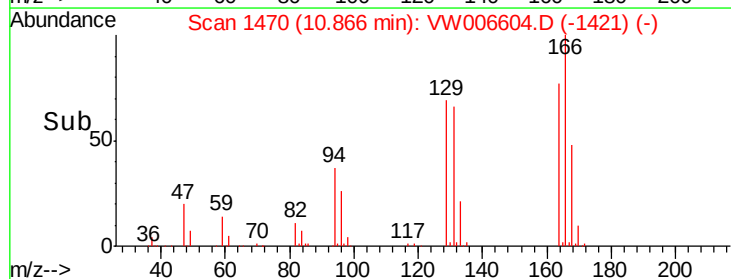
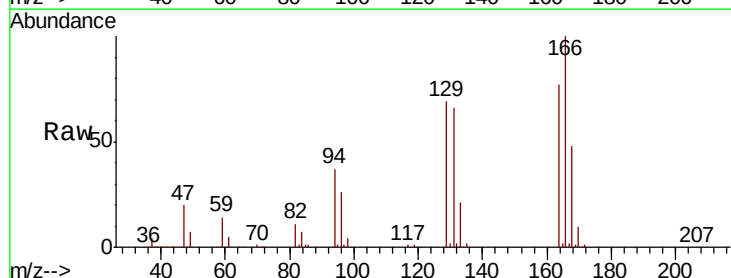
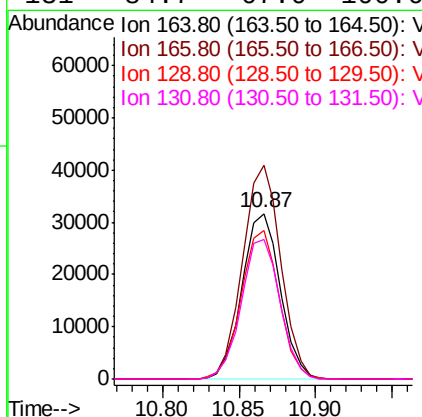
Manual Integrations
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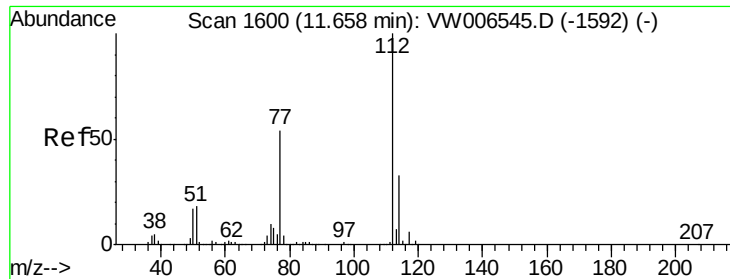
apatel
11/5/2018 10:12:44 AM



#64
Tetrachloroethene
Concen: 21.064 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.2	102.8	154.2
129	89.7	70.9	106.3
131	84.7	67.0	100.6





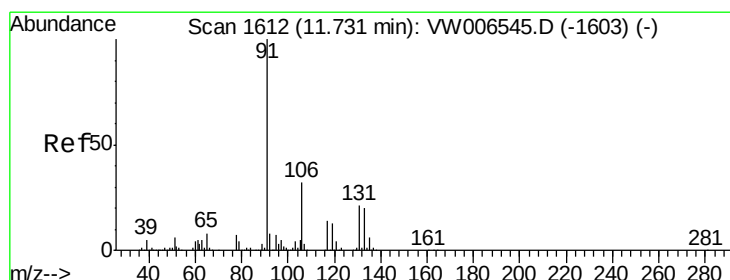
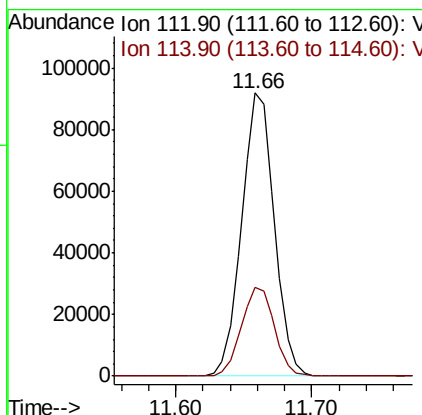
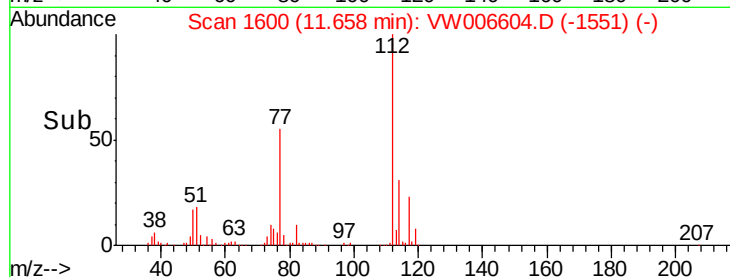
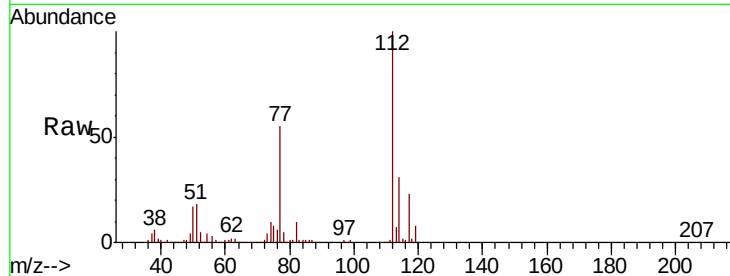
#65
Chlorobenzene
Concen: 22.267 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
VW1104SBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.4	26.2	39.2

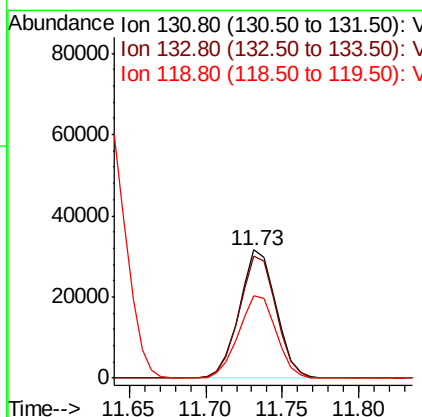
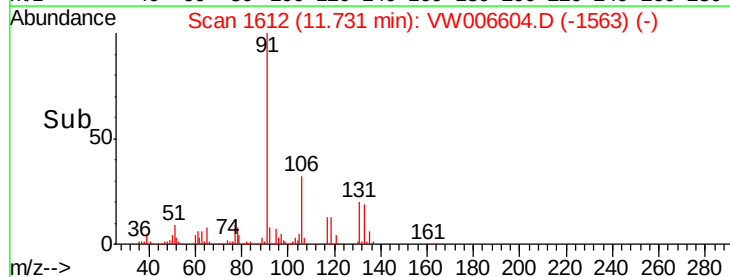
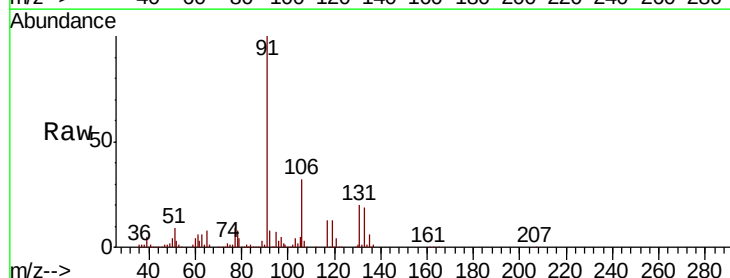
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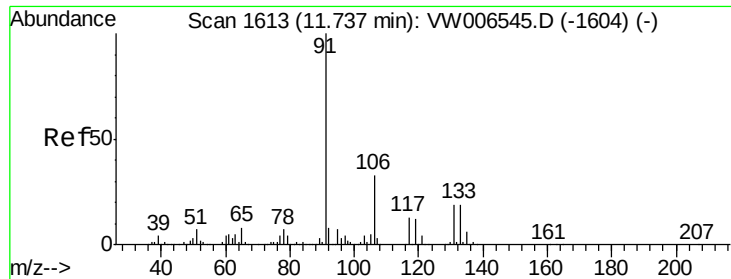
apatel
11/5/2018 10:12:44 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.633 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.1	47.5	142.5
119	65.6	31.9	95.5





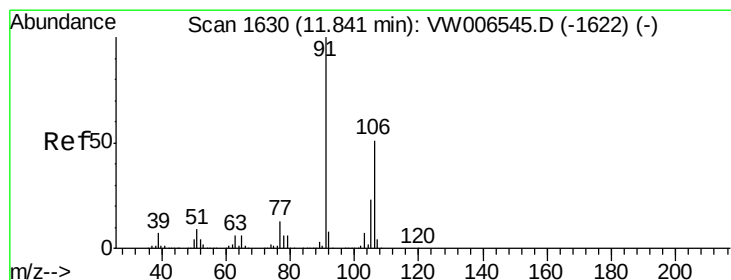
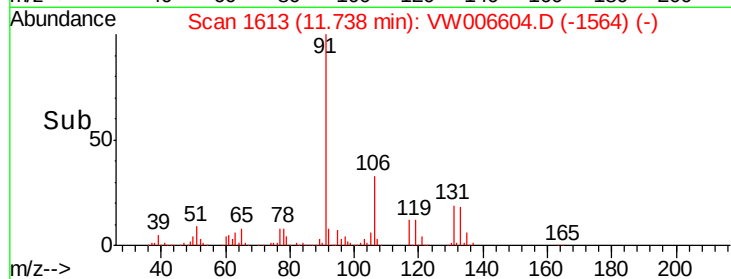
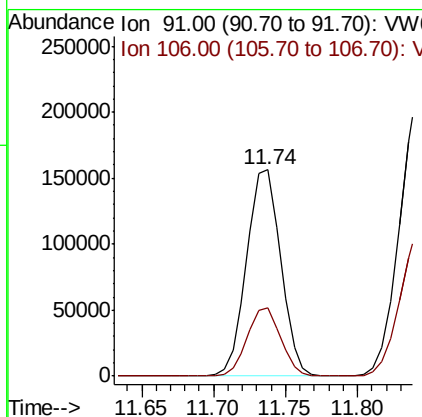
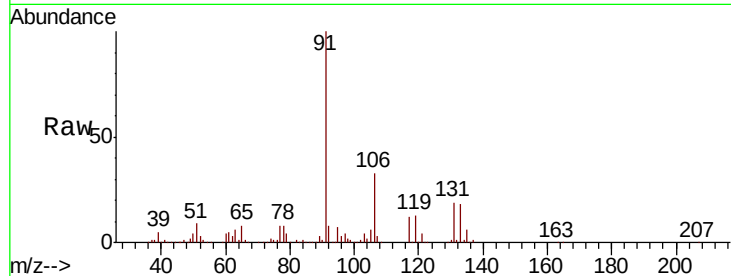
#67
Ethyl Benzene
Concen: 22.269 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
VW1104SBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
106	33.1	26.3	39.5

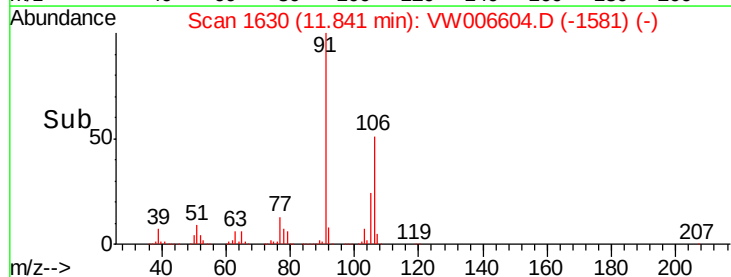
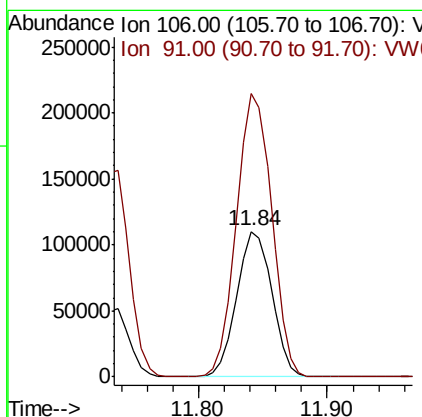
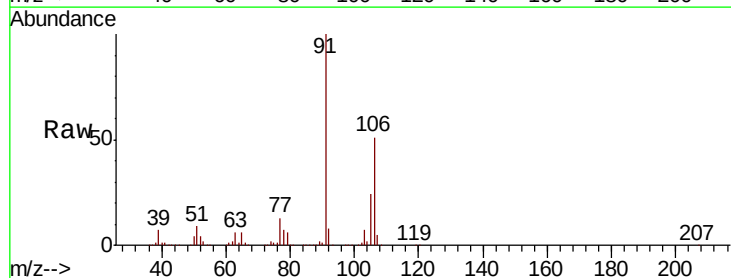
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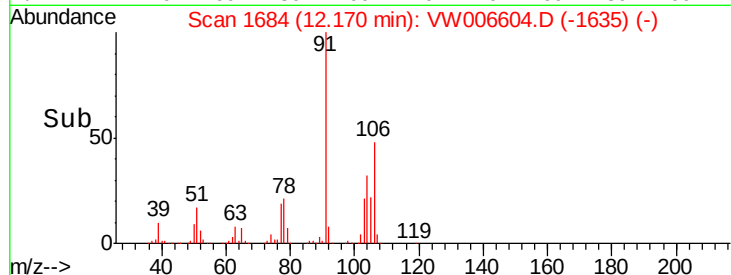
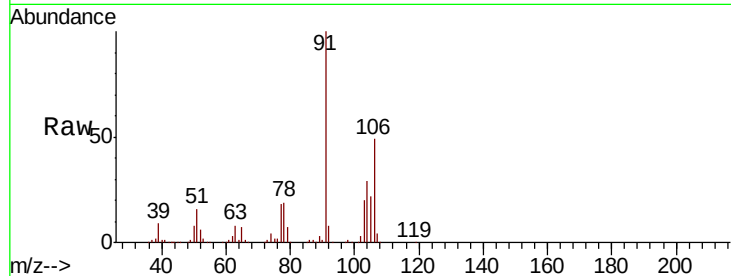
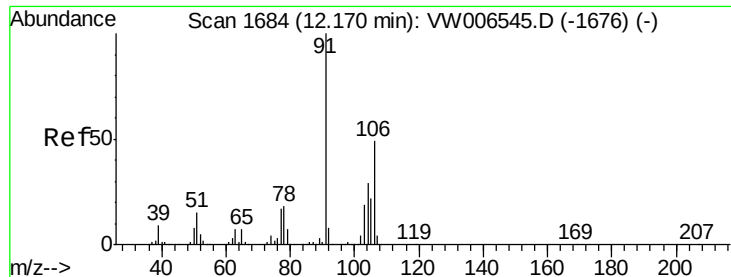
apatel
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#68
m/p-Xylenes
Concen: 45.132 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Tgt Ion	Ratio	Lower	Upper
106	100		
91	196.3	156.7	235.1





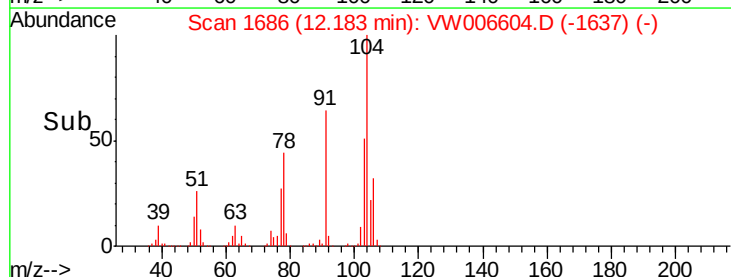
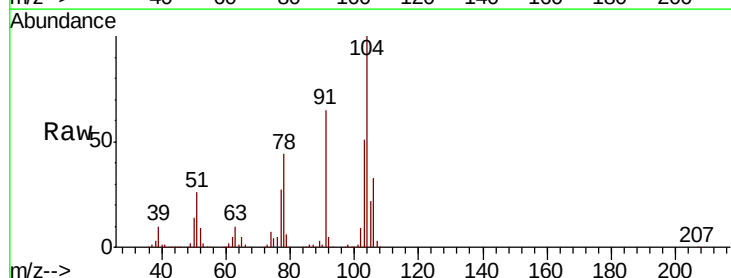
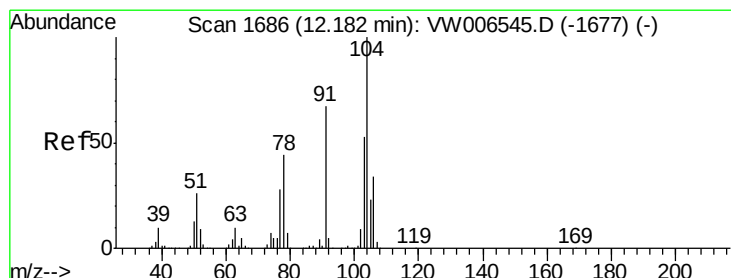
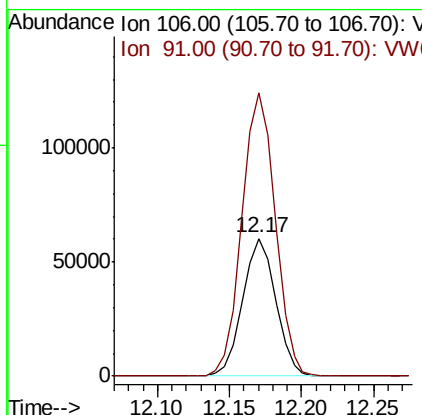
#69
o-Xylene
Concen: 21.834 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
VW1104SBS01

Tot Ion:106 Resp: 95809
Ion Ratio Lower Upper
106 100
91 207.9 102.8 308.4

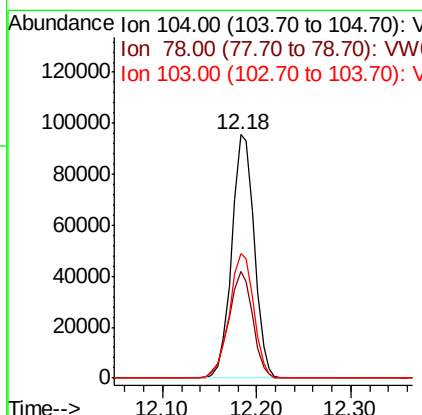
Manual Integrations
APPROVED

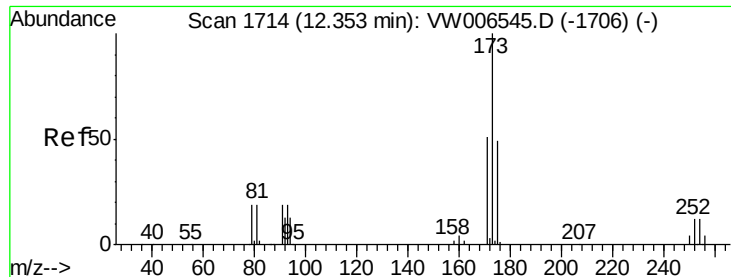
apatel
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#70
Styrene
Concen: 22.199 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Tgt Ion:104 Resp: 158813
Ion Ratio Lower Upper
104 100
78 47.0 37.2 55.8
103 55.3 44.2 66.2





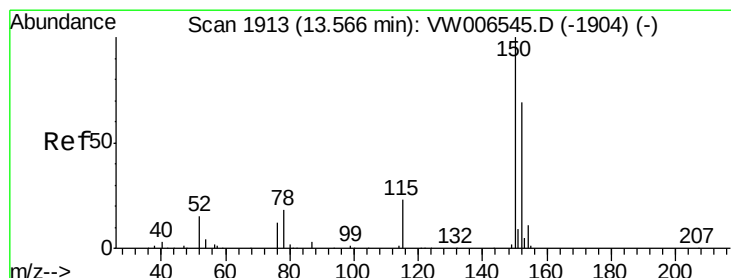
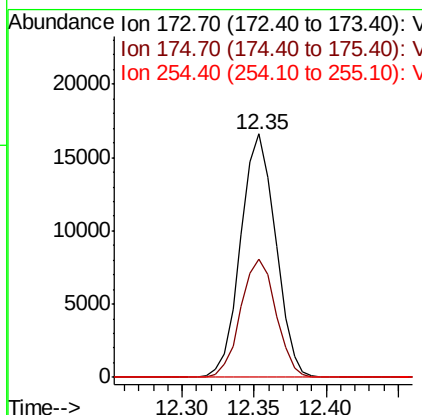
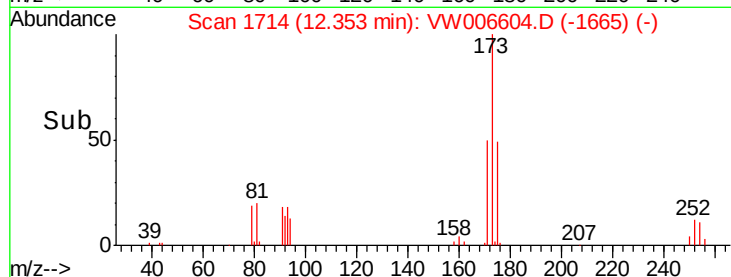
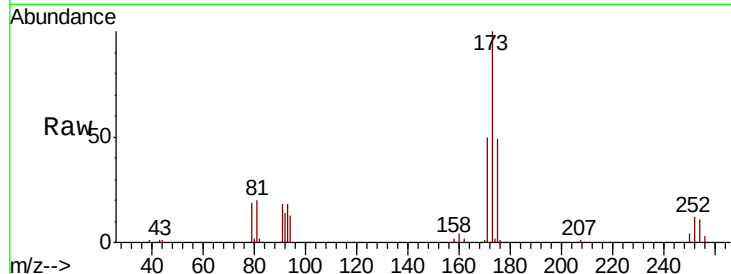
#71
Bromoform
Concen: 21.770 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
VW1104SBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.1	72.4
254	0.0	0.1	0.1#

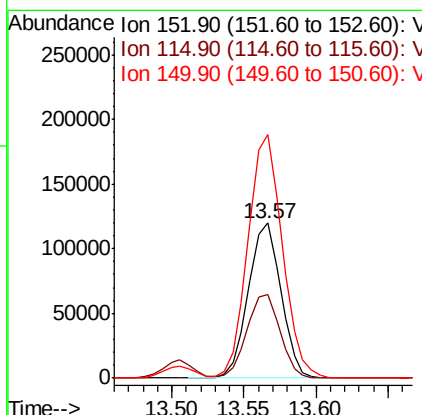
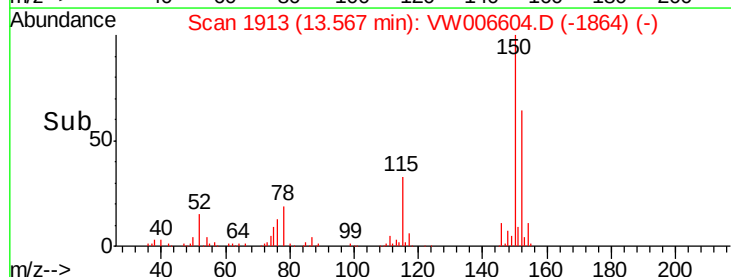
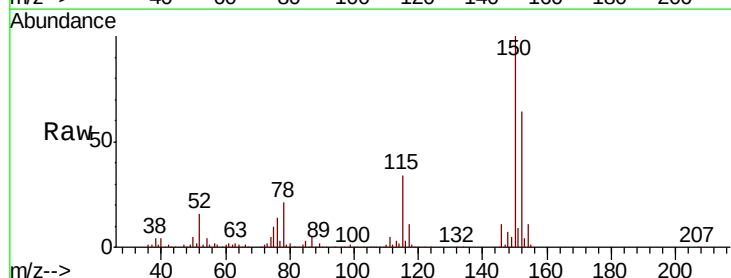
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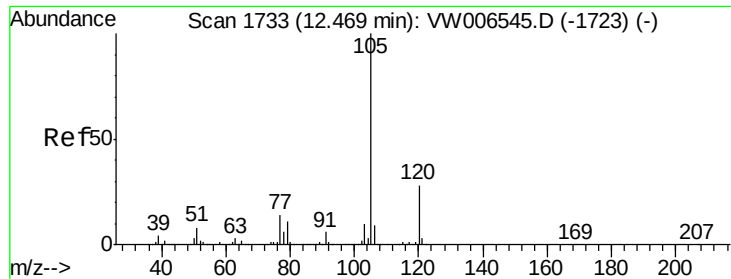
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.00 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.0	26.6	79.8
150	165.1	0.0	344.6





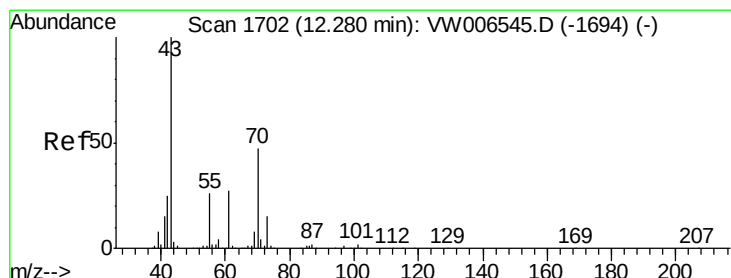
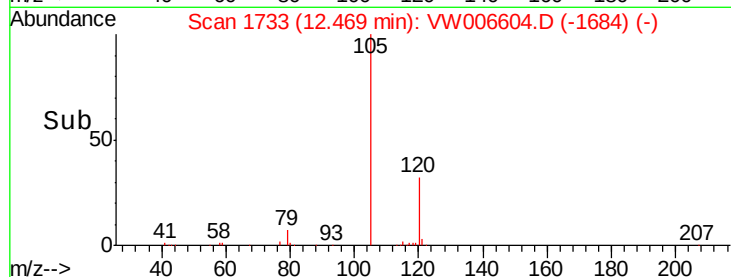
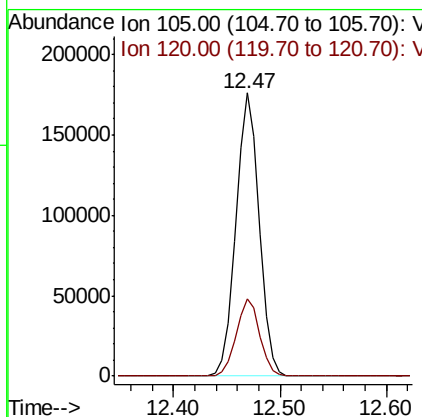
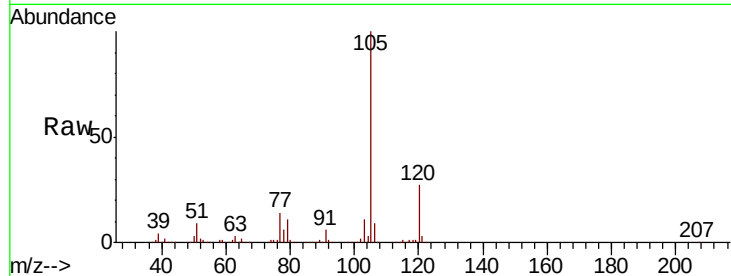
#73
Isopropylbenzene
Concen: 21.800 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
VW1104SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.4	13.7	41.1

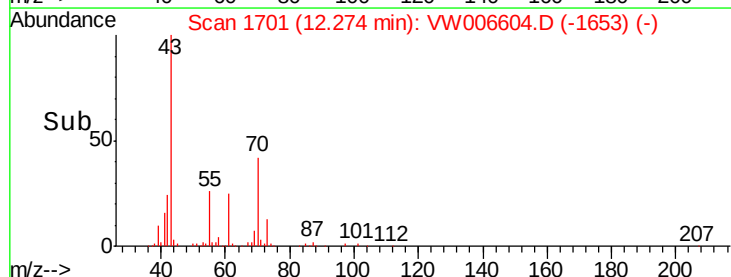
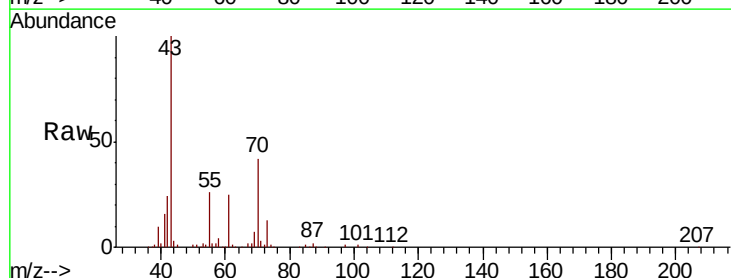
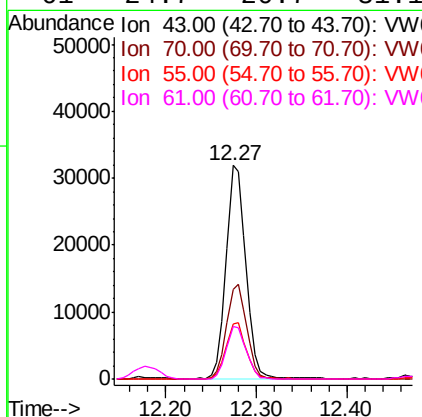
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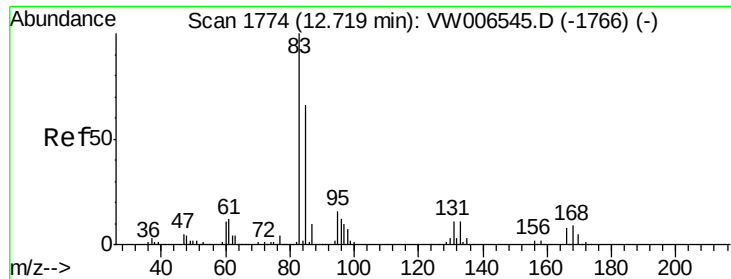
apatel
11/5/2018 10:12:44 AM



#74
N-ethyl acetate
Concen: 22.835 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.01 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Tgt Ion	Ratio	Lower	Upper
43	100		
70	45.0	36.9	55.3
55	26.7	20.7	31.1
61	24.7	20.7	31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 22.338 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

Instrument :

MSVOA_W

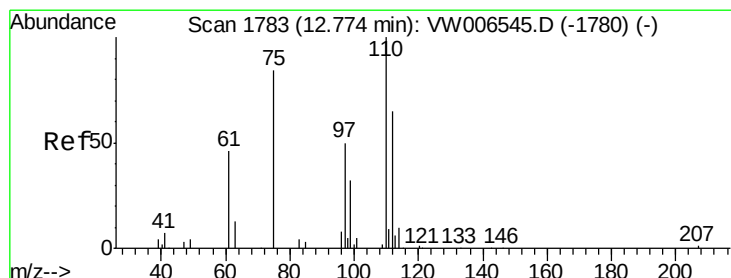
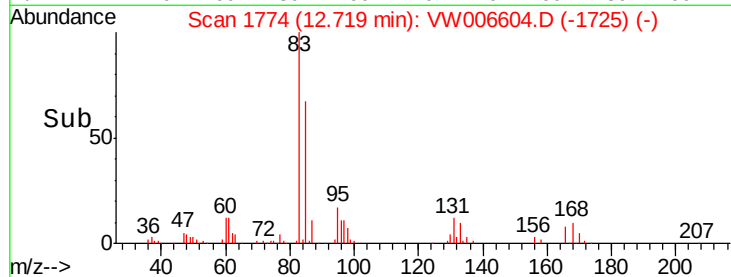
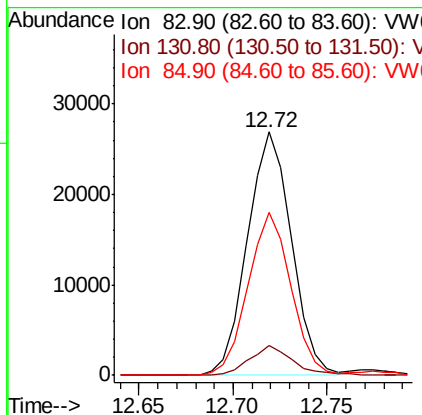
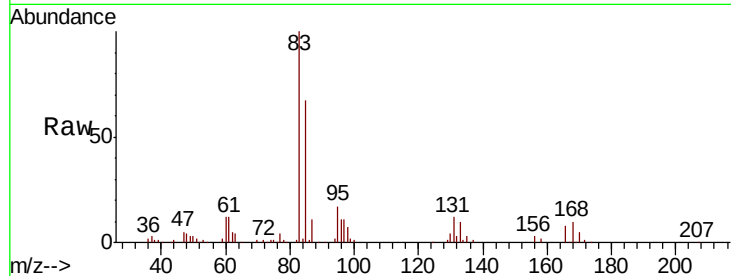
ClientSampled :

VW1104SBSD01

Tot Ion:	83	Resp:	43584
Ion Ratio	Lower	Upper	
83	100		
131	11.9	5.9	17.7
85	65.1	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 18.463 ug/l m

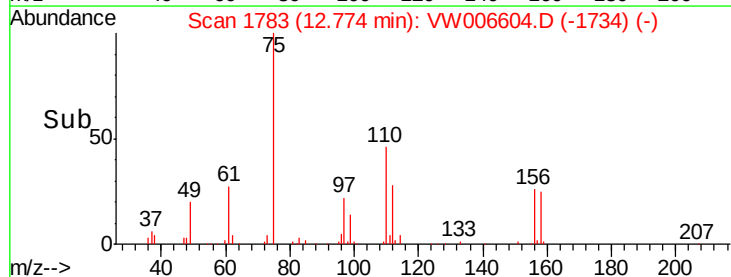
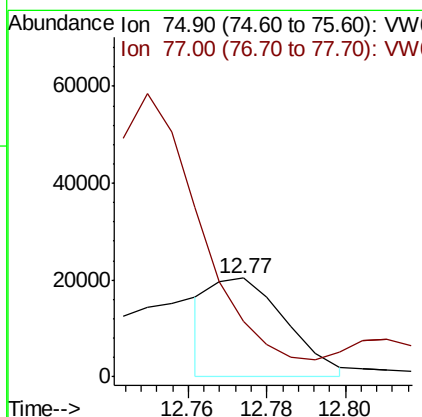
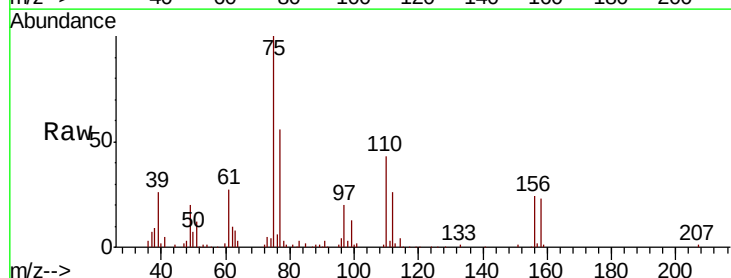
RT: 12.77 min Scan# 1783

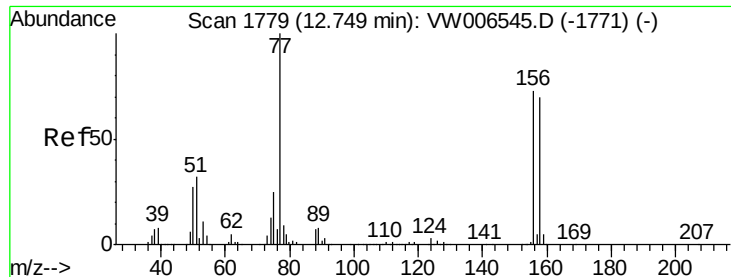
Delta R.T. 0.00 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

Tgt Ion:	75	Resp:	27014
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.413 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

VW1104SBSD01

Tot Ion:156 Resp: 68488

Ion Ratio Lower Upper

156 100

77 154.7 75.9 227.8

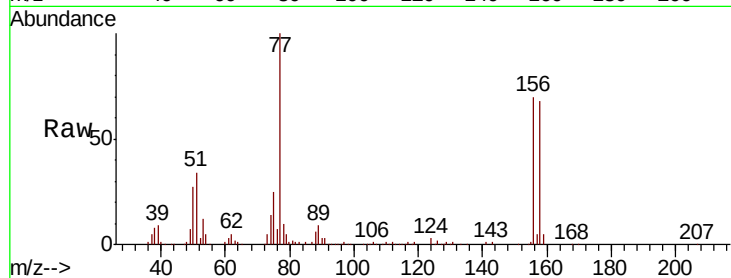
158 97.5 48.6 145.9

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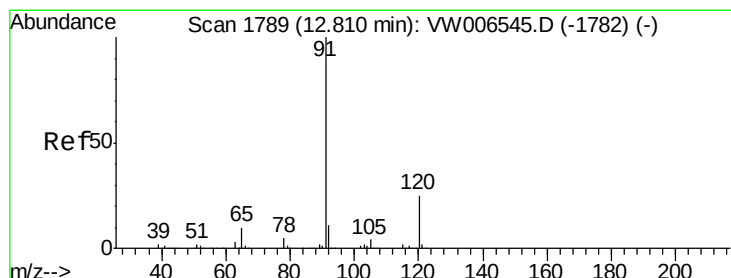
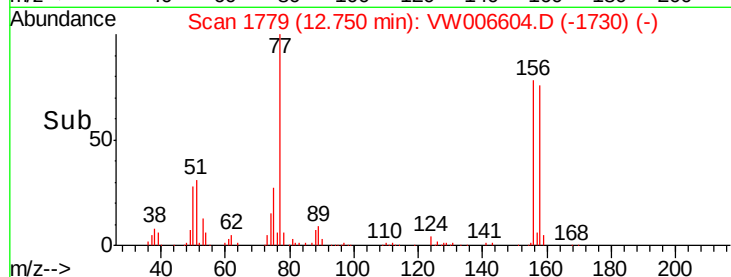
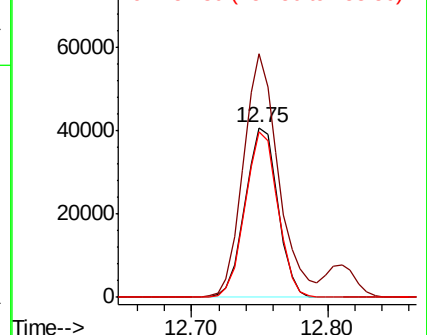


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.652 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006604.D

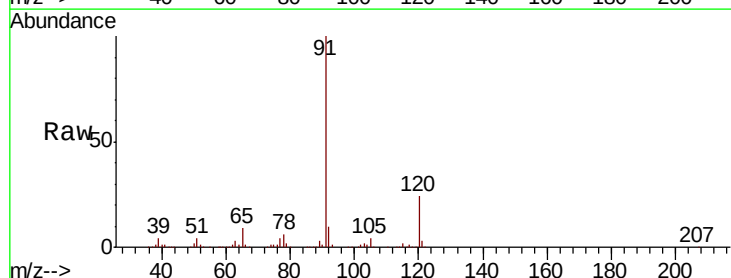
Acq: 02 Nov 2018 16:32

Tgt Ion: 91 Resp: 321854

Ion Ratio Lower Upper

91 100

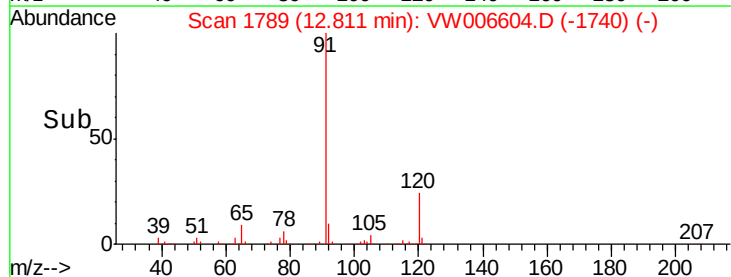
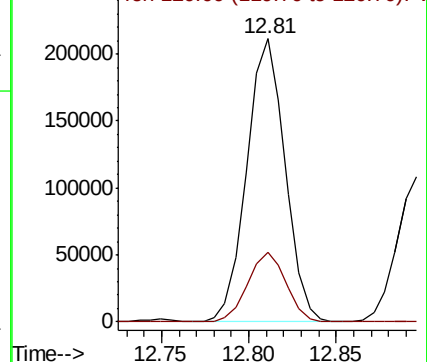
120 24.6 12.4 37.0

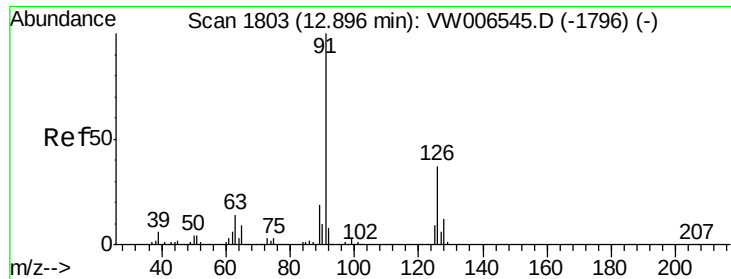


Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





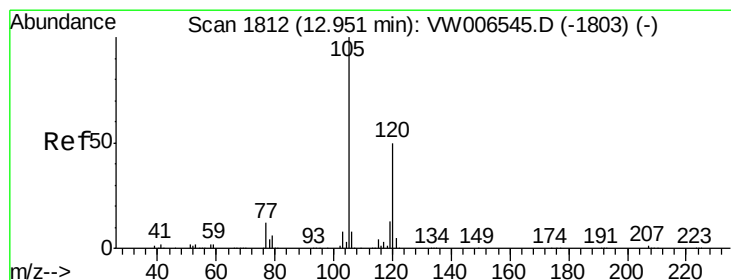
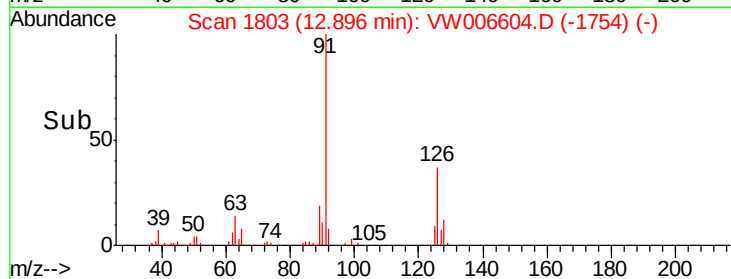
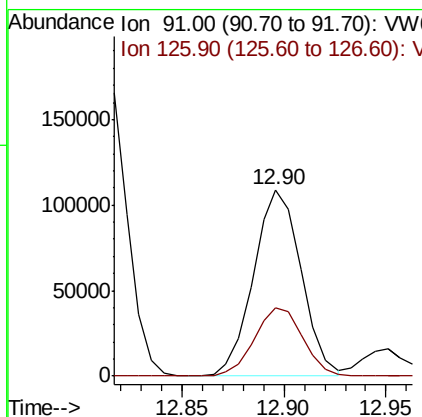
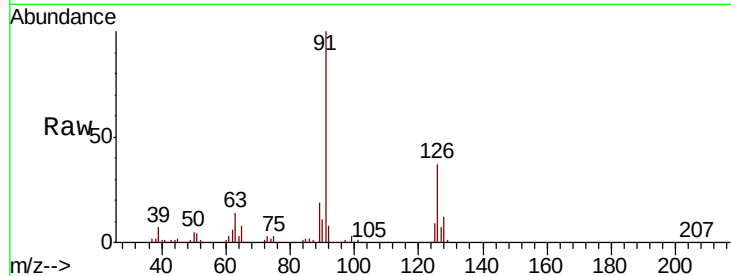
#79
2-Chlorotoluene
Concen: 21.701 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Instrument :
MSVOA_W
ClientSampled :
VW1104SBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
126	37.1	18.5	55.5

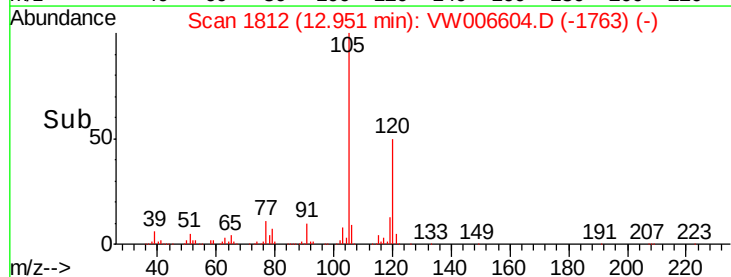
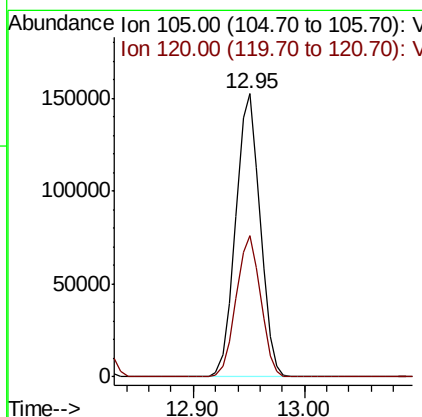
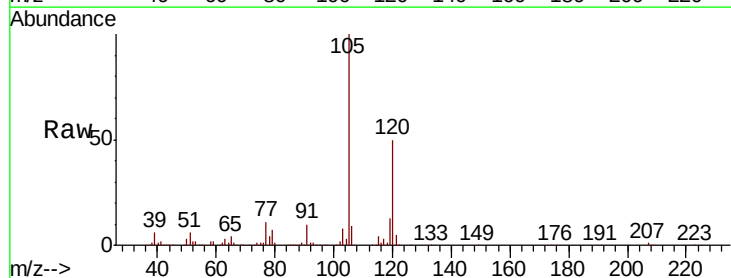
Manual Integrations
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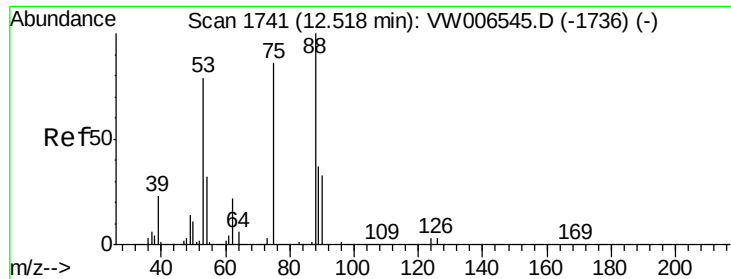
apatel
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#80
1,3,5-Trimethylbenzene
Concen: 22.318 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. 0.00 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.8	25.1	75.3





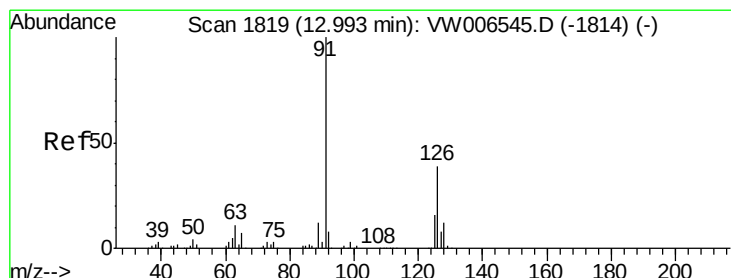
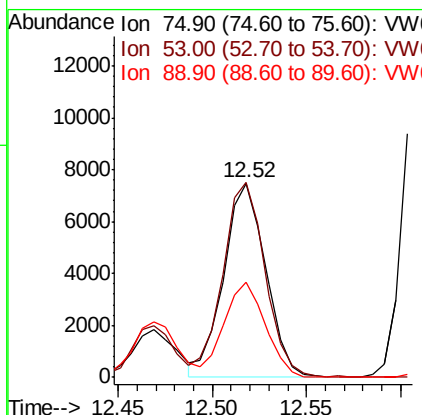
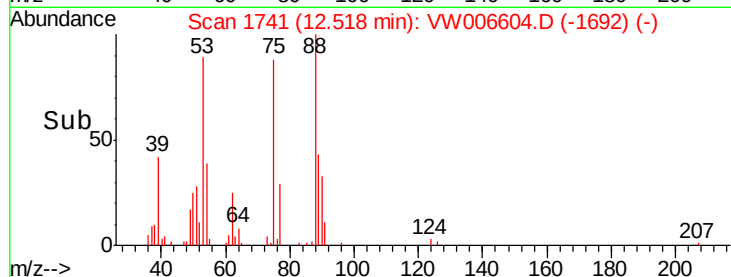
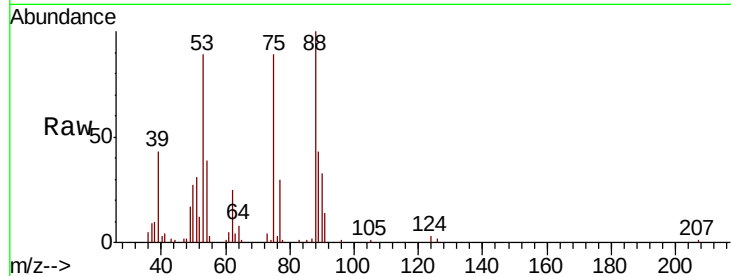
#81
trans-1,4-Dichloro-2-butene
Concen: 22.055 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
VW1104SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.2	77.2	115.8
89	47.8	38.6	58.0

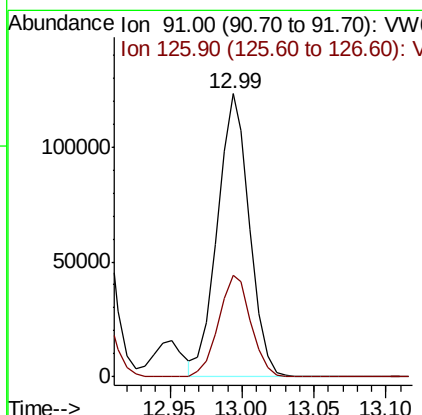
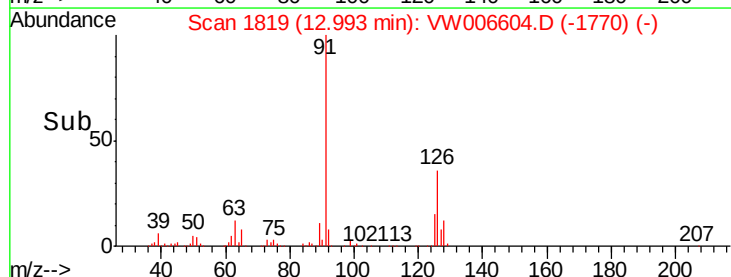
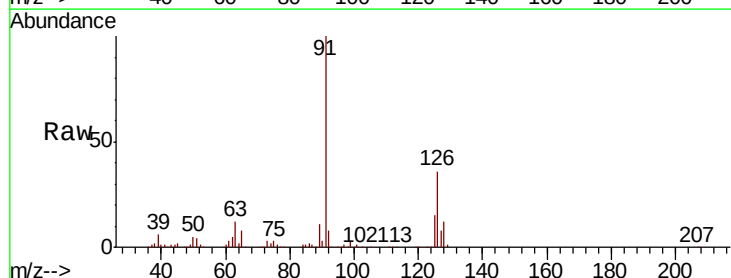
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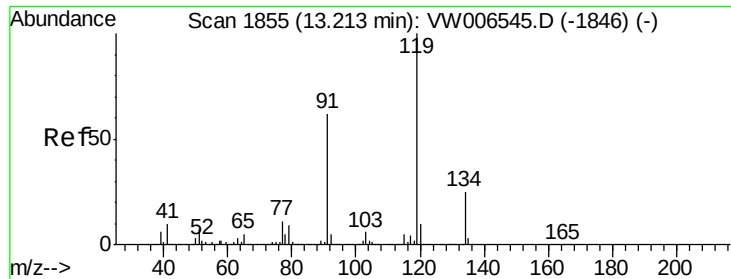
apatel
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#82
4-Chlorotoluene
Concen: 22.105 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.6	18.5	55.5





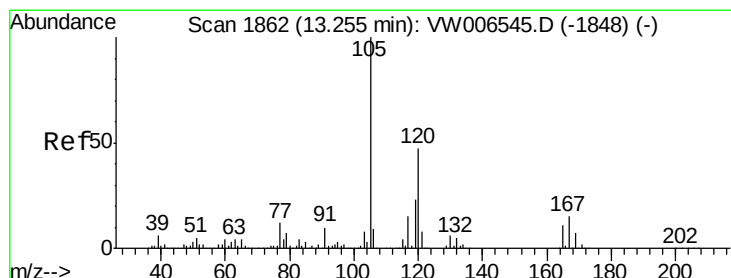
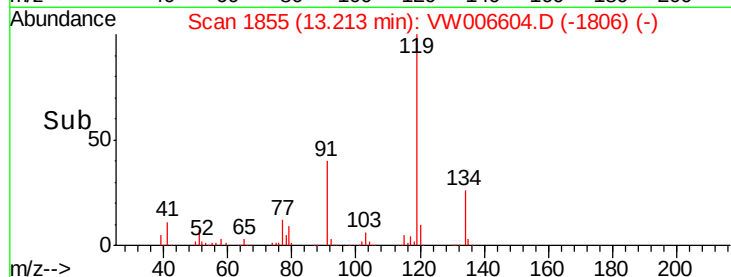
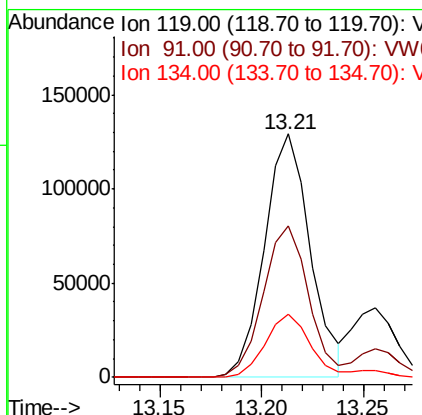
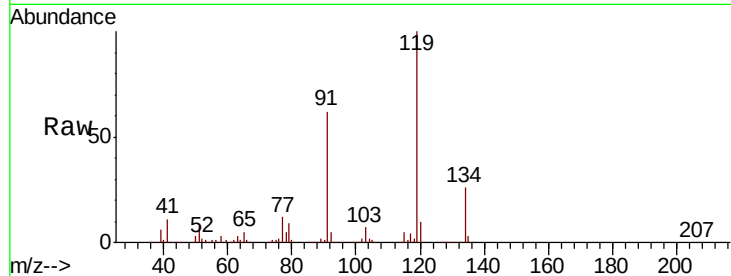
#83
tert-Butylbenzene
Concen: 21.936 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
VW1104SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	203023		
91	61.6	30.4	91.3	
134	27.6	13.5	40.4	

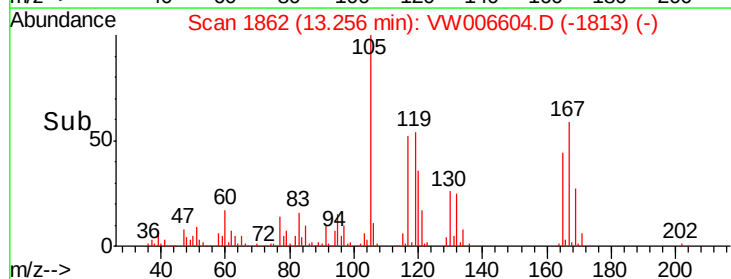
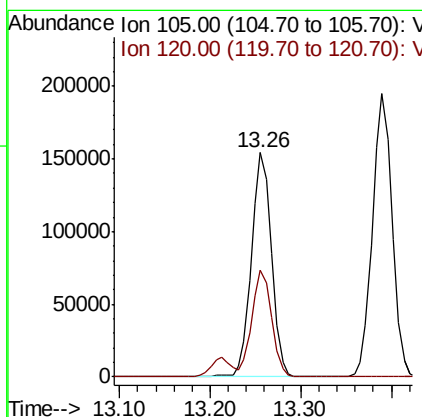
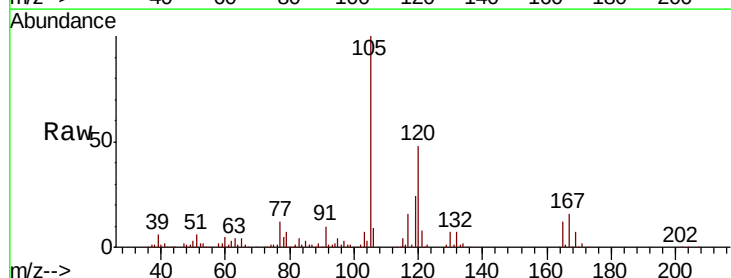
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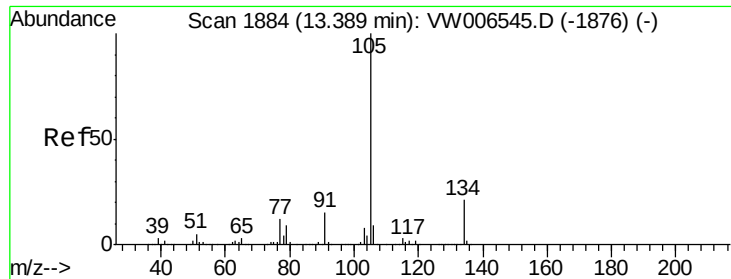
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#84
1,2,4-Trimethylbenzene
Concen: 22.256 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	236920		
120	46.6	23.2	69.6	





#85

sec-Butylbenzene

Concen: 22.587 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

Instrument :

MSVOA_W

ClientSampleId :

VW1104SBSD01

Tot Ion:105 Resp: 292781

Ion Ratio Lower Upper

105 100

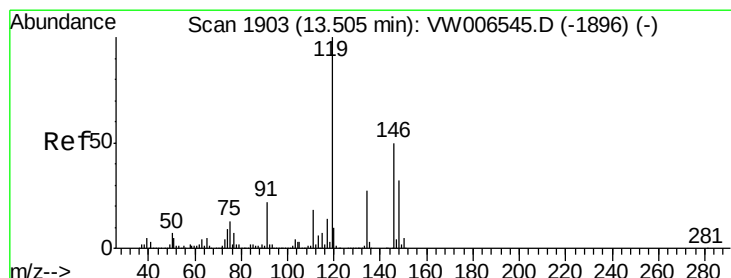
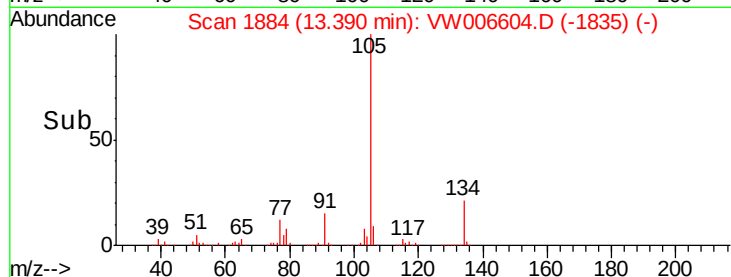
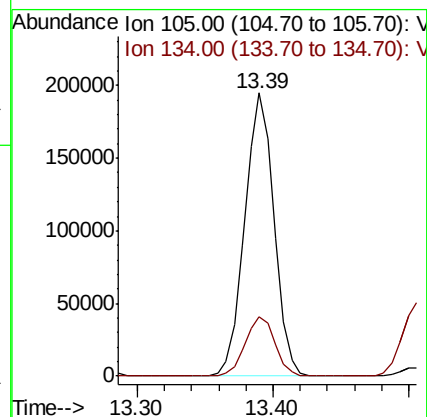
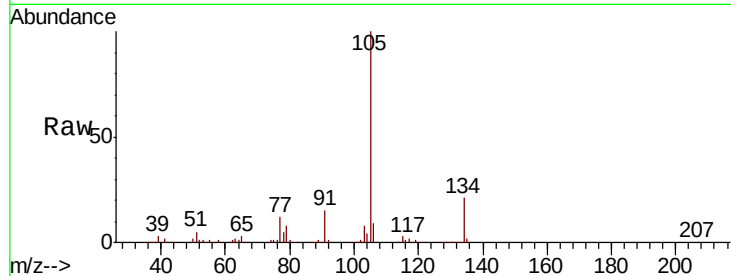
134 21.3 10.6 31.8

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 22.251 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

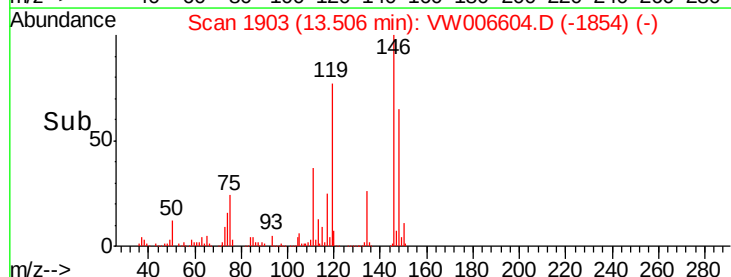
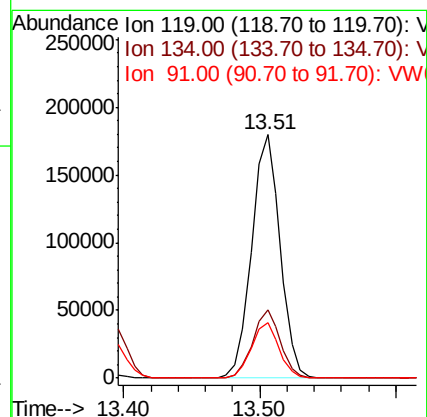
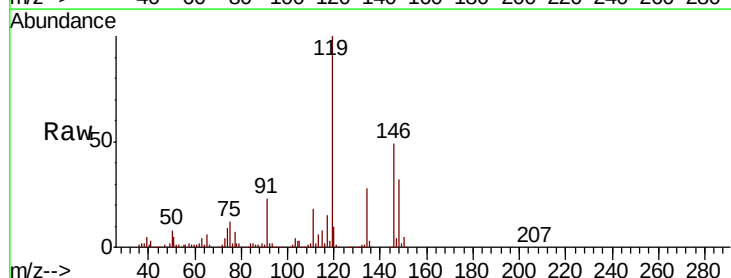
Tgt Ion:119 Resp: 262444

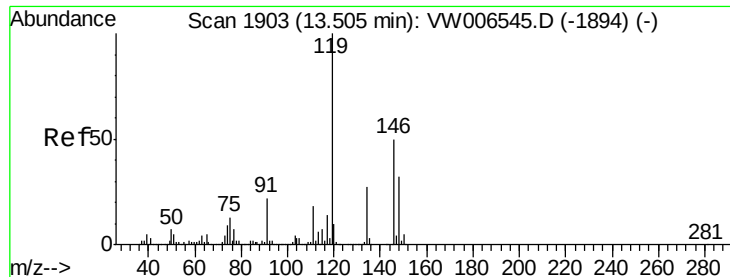
Ion Ratio Lower Upper

119 100

134 27.3 13.6 40.7

91 22.3 10.9 32.6





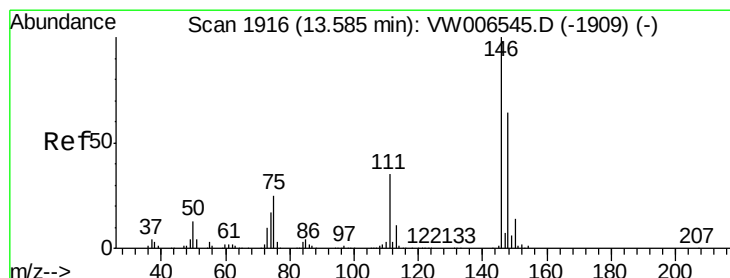
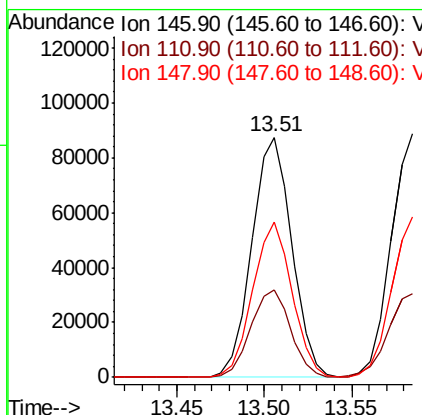
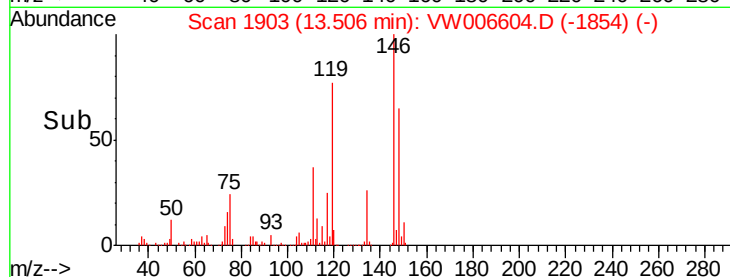
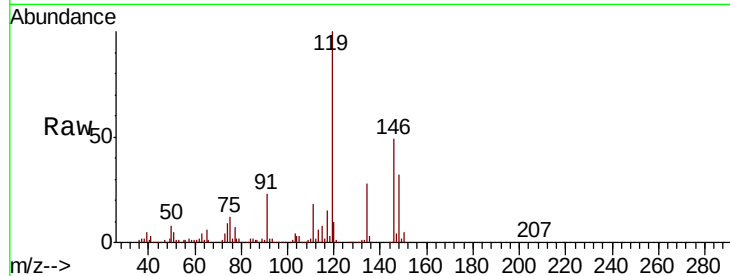
#87
 1,3-Dichlorobenzene
 Concen: 22.246 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006604.D
 Acq: 02 Nov 2018 16:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1104SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.6	55.6
148	63.7	32.1	96.3

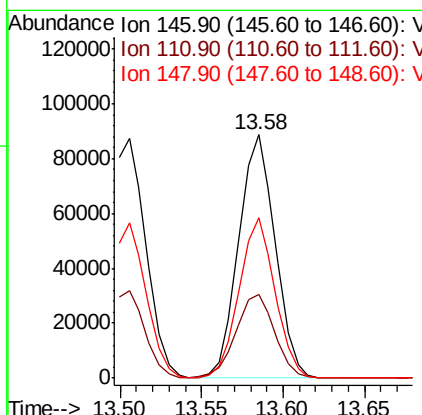
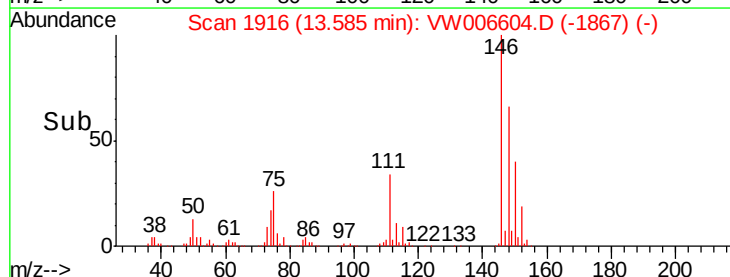
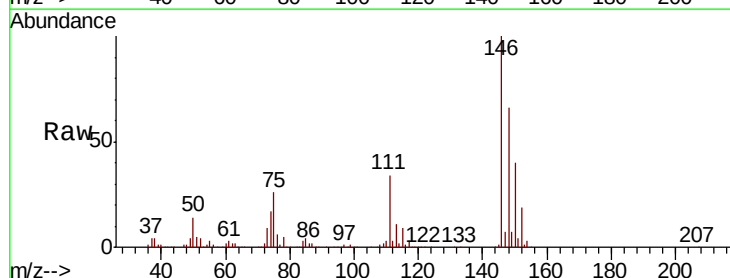
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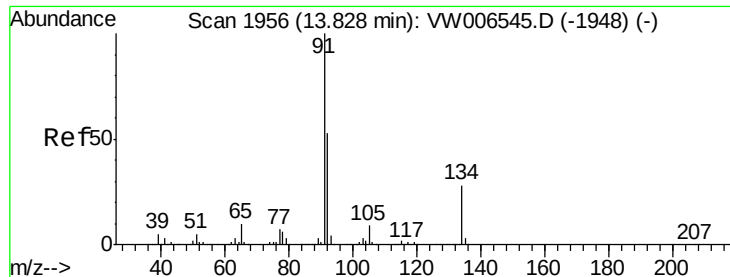
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 22.213 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006604.D
 Acq: 02 Nov 2018 16:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	17.9	53.7
148	64.6	32.1	96.5





#89

n-Butylbenzene

Concen: 23.153 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

Instrument :

MSVOA_W

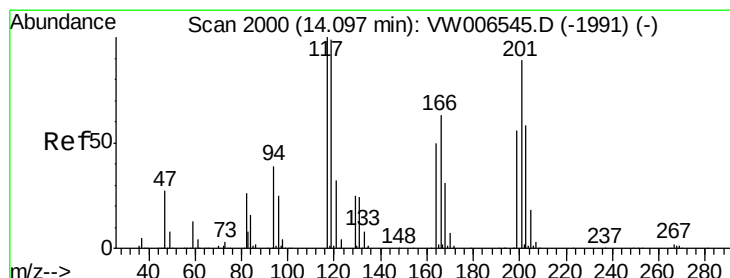
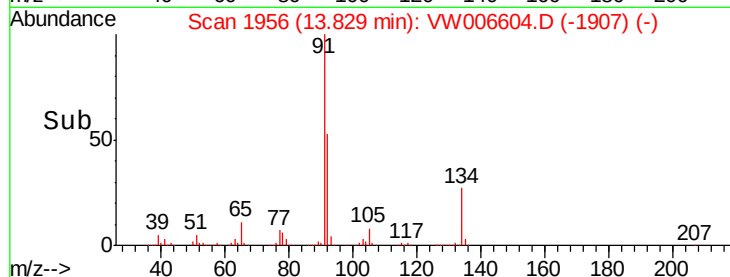
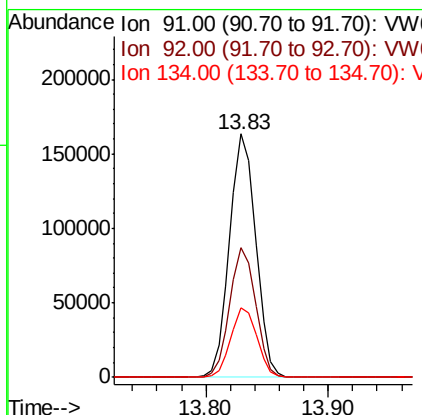
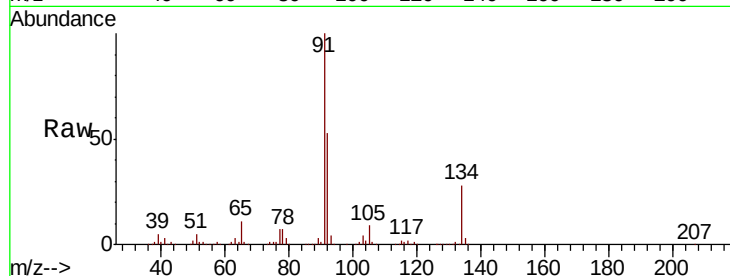
ClientSampleId :

VW1104SBSD01

Tot Ion:	91	Resp:	242414
Ion Ratio	Lower	Upper	
91	100		
92	52.5	26.4	79.0
134	28.4	14.3	42.9

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#90

Hexachloroethane

Concen: 21.774 ug/l

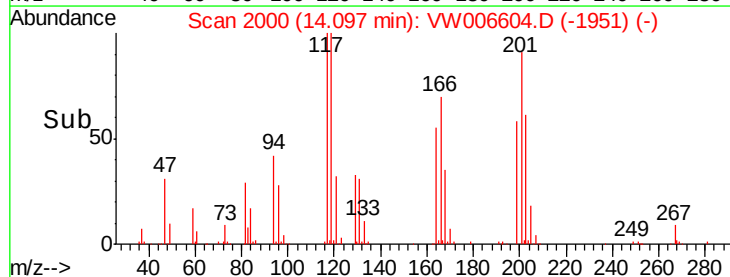
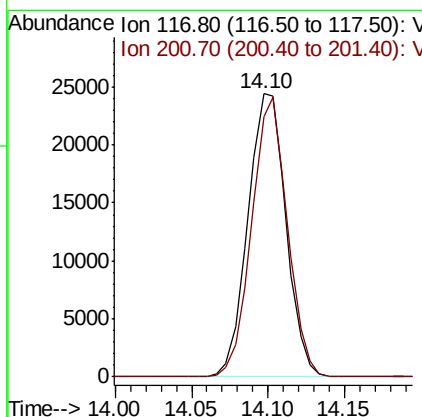
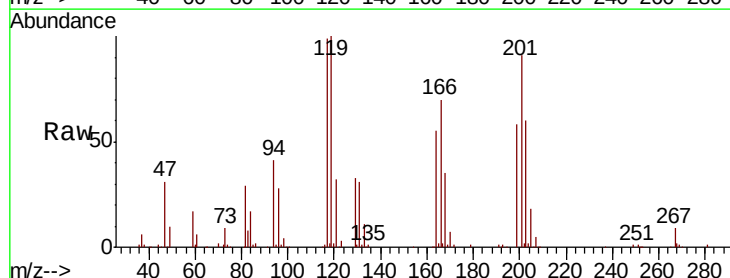
RT: 14.10 min Scan# 2000

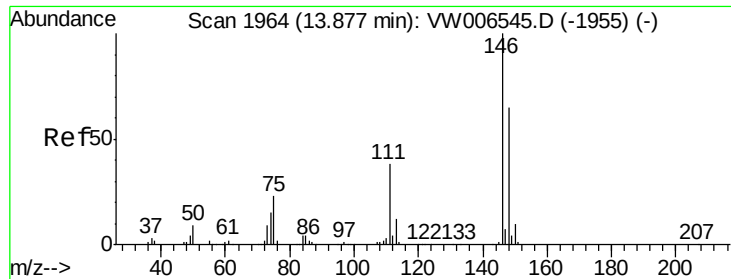
Delta R.T. 0.00 min

Lab File: VW006604.D

Acq: 02 Nov 2018 16:32

Tgt Ion:	117	Resp:	42209
Ion Ratio	Lower	Upper	
117	100		
201	92.6	46.8	140.3





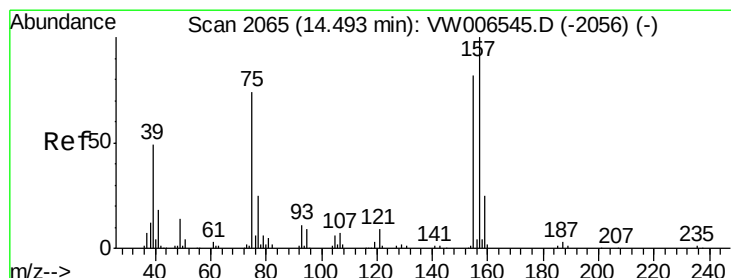
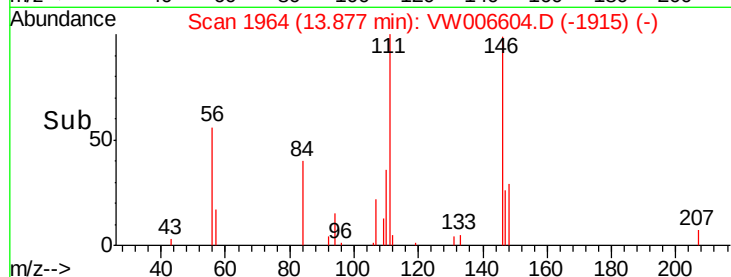
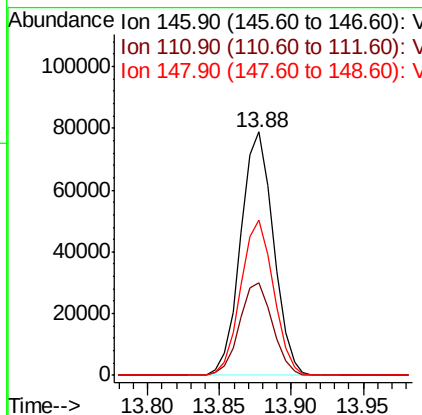
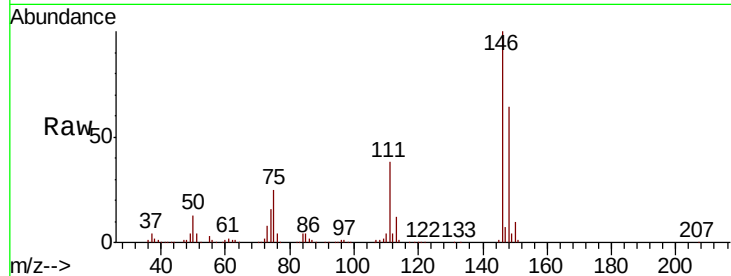
#91
 1,2-Dichlorobenzene
 Concen: 22.029 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006604.D
 Acq: 02 Nov 2018 16:32

Instrument :
 MSVOA_W
 ClientSampleID :
 VW1104SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.5
148	63.7	32.0	96.0

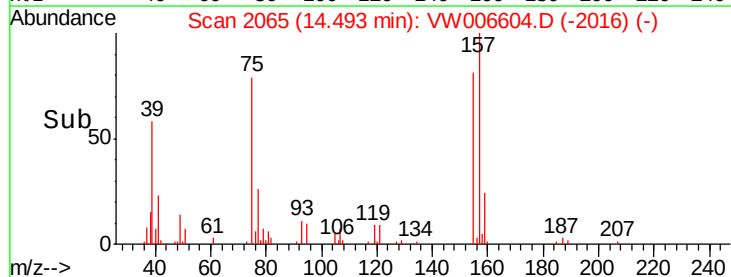
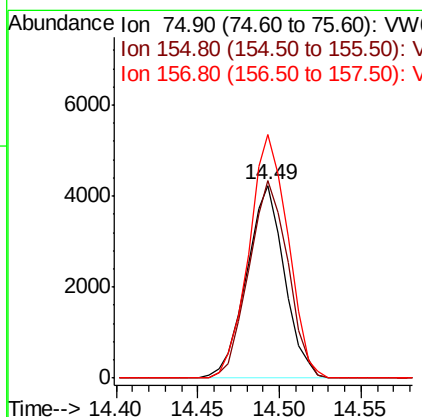
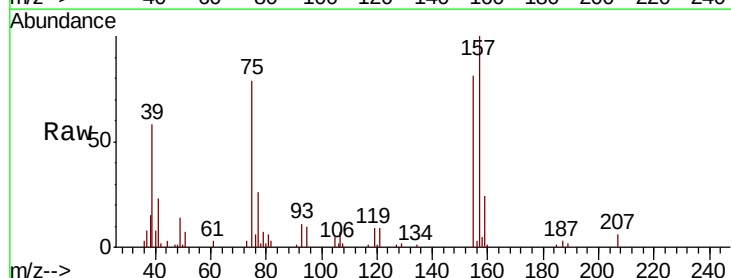
Manual Integrations
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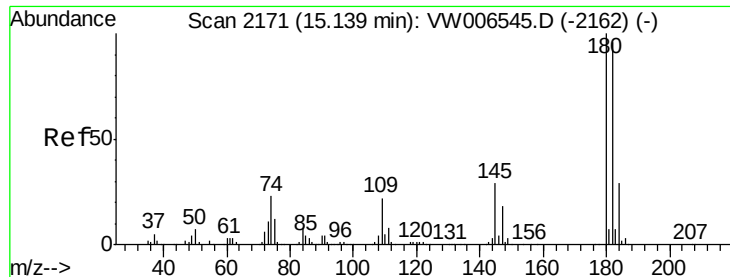
apatel
 11/5/2018 10:12:44 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.681 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006604.D
 Acq: 02 Nov 2018 16:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	105.0	50.6	151.8
157	129.6	65.0	195.0





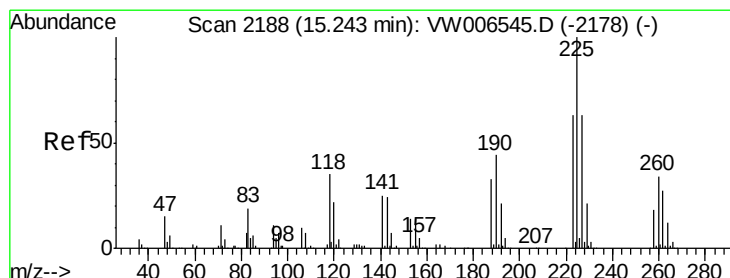
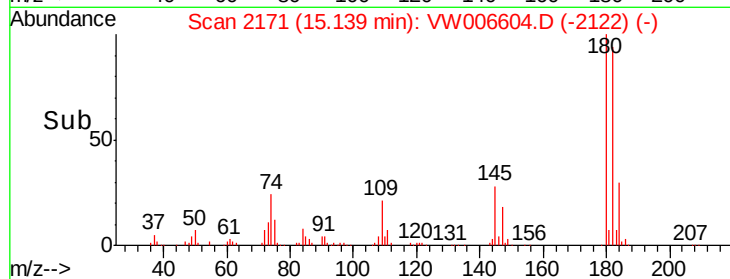
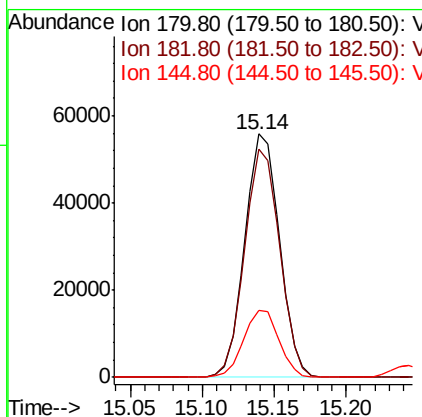
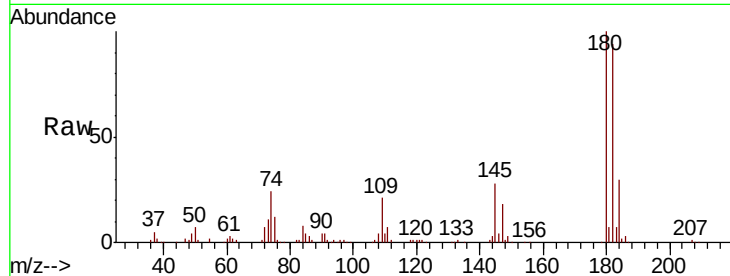
#93
1,2,4-Trichlorobenzene
Concen: 22.096 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
VW1104SBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.5	142.6
145	28.0	14.0	42.0

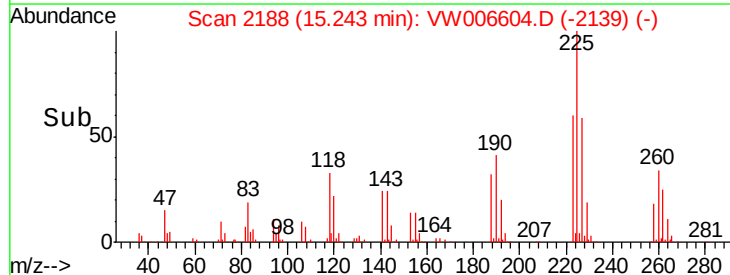
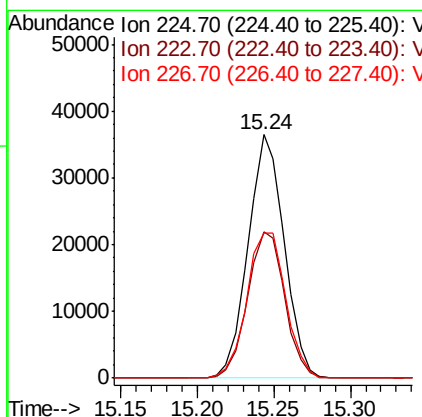
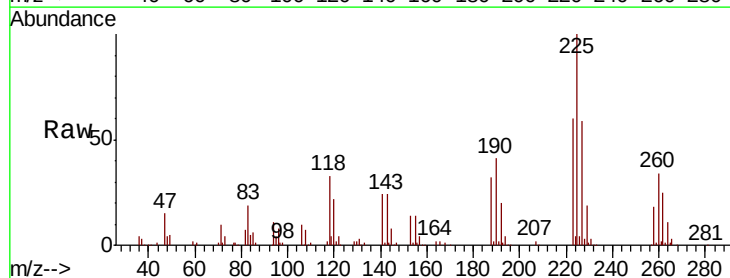
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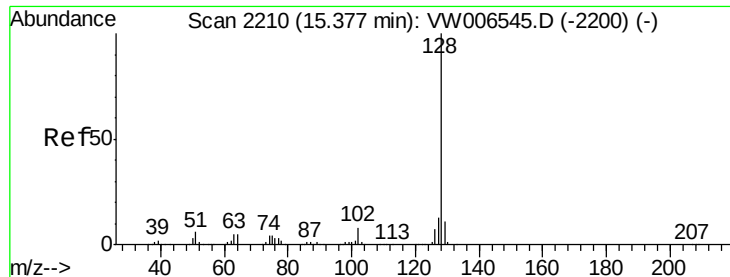
apatel
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#94
Hexachlorobutadiene
Concen: 22.796 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. 0.00 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	31.4	94.2
227	64.4	32.2	96.6





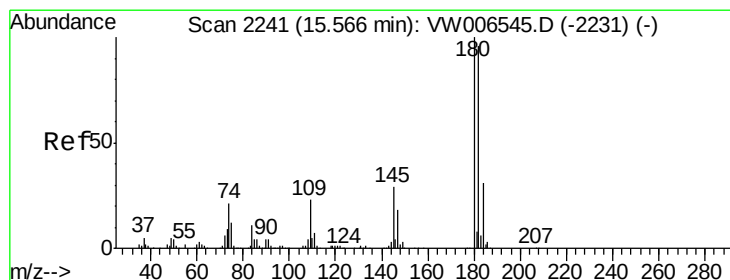
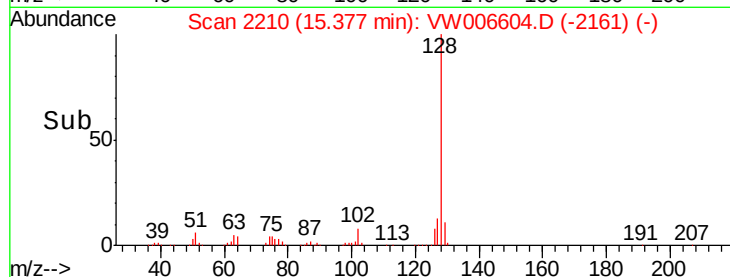
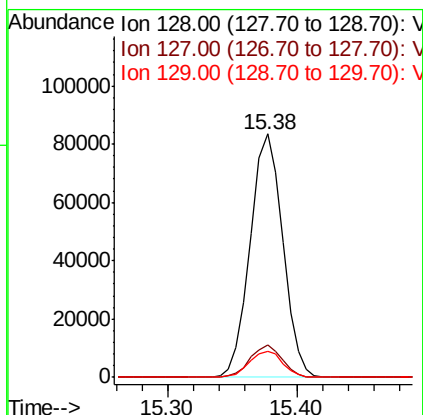
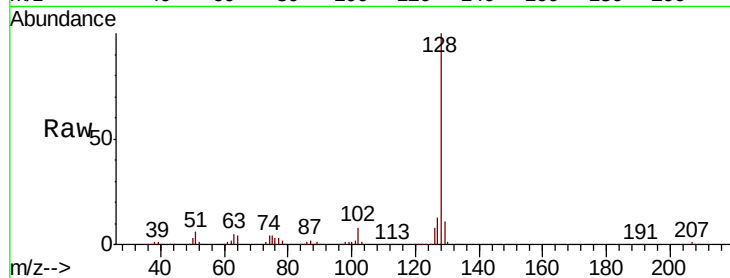
#95
Naphthalene
Concen: 21.581 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Instrument :
MSVOA_W
ClientSampleId :
VW1104SBSD01

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

Manual Integrations
APPROVED

apatel
11/5/2018 10:12:44 AM



#96
1,2,3-Trichlorobenzene
Concen: 21.862 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006604.D
Acq: 02 Nov 2018 16:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	48.2	144.6
145	29.7	14.9	44.5

