

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092518\
 Data File : VW005628.D
 Acq On : 25 Sep 2018 23:54
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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Quant Time: Sep 26 05:48:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	252906	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	396448	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	379816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	198405	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	152821	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	
35) Dibromofluoromethane	7.88	113	129129	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
50) Toluene-d8	10.33	98	537236	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	
62) 4-Bromofluorobenzene	12.62	95	202673	53.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	62842	40.709	ug/l	99
3) Chloromethane	2.21	50	74994	36.888	ug/l	98
4) Vinyl Chloride	2.37	62	117397	48.309	ug/l	99
5) Bromomethane	2.78	94	74688	45.479	ug/l	98
6) Chloroethane	2.93	64	72767	46.666	ug/l	99
7) Trichlorofluoromethane	3.26	101	77359	40.701	ug/l	94
8) Diethyl Ether	3.68	74	64858	52.239	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	116483	48.415	ug/l	99
10) Methyl Iodide	4.26	142	184920	49.978	ug/l	97
11) Tert butyl alcohol	5.22	59	45325	295.063	ug/l	97
12) 1,1-Dichloroethene	4.04	96	111278	48.311	ug/l	97
13) Acrolein	3.90	56	28158	275.741	ug/l	98
14) Allyl chloride	4.67	41	209419	52.097	ug/l	97
15) Acrylonitrile	5.37	53	152684	276.982	ug/l	99
16) Acetone	4.14	43	123443	264.080	ug/l	94
17) Carbon Disulfide	4.38	76	336545	46.764	ug/l	100
18) Methyl Acetate	4.68	43	80710	57.155	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	194710	54.767	ug/l	99
20) Methylene Chloride	4.92	84	139910	56.615	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	127133	50.393	ug/l	98
22) Diisopropyl ether	6.32	45	419502	53.759	ug/l	98
23) Vinyl Acetate	6.26	43	1238529	277.685	ug/l	100
24) 1,1-Dichloroethane	6.22	63	245083	50.834	ug/l	100
25) 2-Butanone	7.18	43	194696	269.054	ug/l	99
26) 2,2-Dichloropropane	7.17	77	148043	43.984	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	142897	51.354	ug/l	99
28) Bromochloromethane	7.51	49	94520	49.493	ug/l	98
29) Tetrahydrofuran	7.54	42	129518	286.495	ug/l	99
30) Chloroform	7.68	83	248592	49.943	ug/l	99
31) Cyclohexane	7.96	56	214211	46.375	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	207508	47.192	ug/l	99
36) 1,1-Dichloropropene	8.09	75	192153	48.148	ug/l	99
37) Ethyl Acetate	7.26	43	89461	53.268	ug/l	100
38) Carbon Tetrachloride	8.07	117	198095	46.321	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	231176	49.097	ug/l	98
40) Benzene	8.33	78	553584	48.957	ug/l	100
41) Methacrylonitrile	7.49	41	51983	54.392	ug/l	97
42) 1,2-Dichloroethane	8.40	62	177368	48.993	ug/l	98
43) Isopropyl Acetate	8.43	43	178216	53.972	ug/l	99
44) Trichloroethene	9.10	130	140330	48.484	ug/l	94
45) 1,2-Dichloropropane	9.37	63	139939	50.304	ug/l	96
46) Dibromomethane	9.46	93	70004	50.364	ug/l	97
47) Bromodichloromethane	9.65	83	187205	50.137	ug/l	98
48) Methyl methacrylate	9.44	41	88316	56.311	ug/l	95
49) 1,4-Dioxane	9.47	88	24560	1111.373	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	478096	287.476	ug/l	99
52) Toluene	10.39	92	363055	51.457	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	196442	52.480	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	219410	52.316	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	104853	53.143	ug/l	99
56) Ethyl methacrylate	10.65	69	144295	59.244	ug/l	98
57) 1,3-Dichloropropane	10.94	76	186469	53.325	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	317795	287.836	ug/l	99
59) 2-Hexanone	10.98	43	331068	293.038	ug/l	98
60) Dibromochloromethane	11.13	129	125947	52.831	ug/l	99
61) 1,2-Dibromoethane	11.24	107	98442	53.513	ug/l	95
64) Tetrachloroethene	10.87	164	131356	48.728	ug/l	99
65) Chlorobenzene	11.66	112	397910	49.350	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.74	131	144061	49.643	ug/l	99
67) Ethyl Benzene	11.74	91	724665	50.634	ug/l	99
68) m/p-Xylenes	11.85	106	548910	101.516	ug/l	97
69) o-Xylene	12.17	106	259235	51.192	ug/l	98
70) Styrene	12.19	104	443168	52.002	ug/l	99
71) Bromoform	12.35	173	80182	52.053	ug/l	99
73) Isopropylbenzene	12.47	105	736687	53.543	ug/l	99
74) N-amyl acetate	12.28	43	179739	57.691	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	127559	55.815	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	105216m	62.211	ug/l	
77) Bromobenzene	12.75	156	164635	51.053	ug/l	97
78) n-propylbenzene	12.81	91	857138	51.456	ug/l	99
79) 2-Chlorotoluene	12.90	91	489380	50.779	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	619766	51.803	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	42378	56.436	ug/l	94
82) 4-Chlorotoluene	12.99	91	533915	52.434	ug/l	96
83) tert-Butylbenzene	13.21	119	504877	50.231	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	648132	53.683	ug/l	96
85) sec-Butylbenzene	13.39	105	743041	50.972	ug/l	99
86) p-Isopropyltoluene	13.51	119	686990	52.578	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	338803	51.380	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	334353	50.983	ug/l	96
89) n-Butylbenzene	13.83	91	641326	52.038	ug/l	97
90) Hexachloroethane	14.10	117	119687	50.539	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	298702	51.315	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	22951	52.710	ug/l	96

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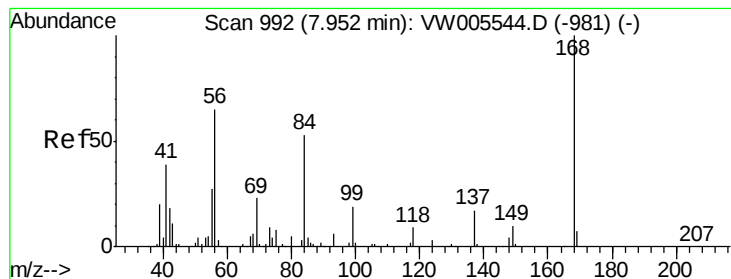
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Quant Title : SW846 8260
QLast Update : Fri Sep 21 09:05:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	222901	53.680	ug/l	98
94) Hexachlorobutadiene	15.24	225	131085	48.728	ug/l	98
95) Naphthalene	15.38	128	423097	60.575	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	199151	54.421	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: VW005628.D

Acq: 25 Sep 2018 23:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 252906

Ion Ratio Lower Upper

168 100

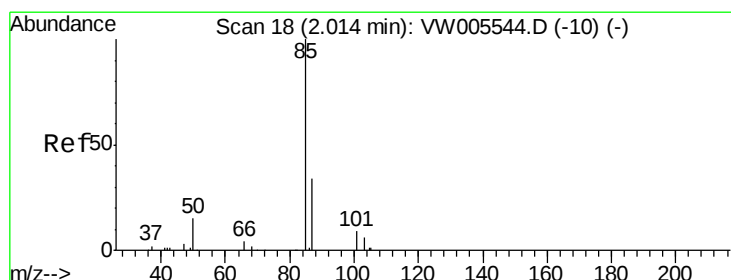
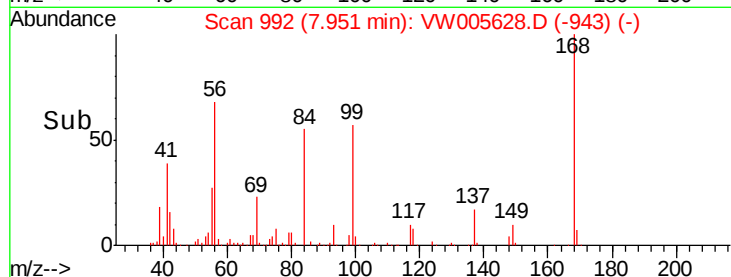
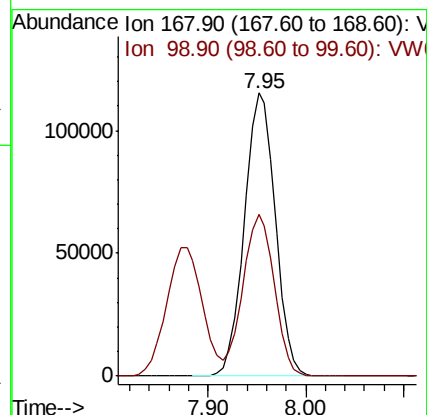
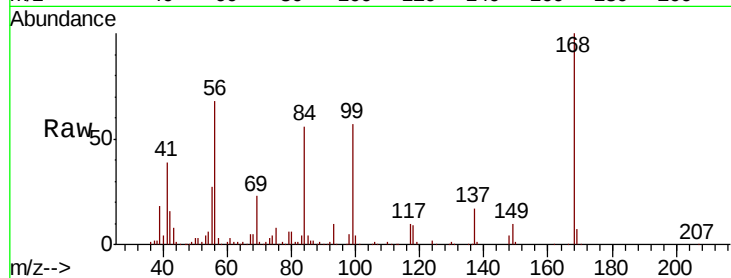
99 56.9 48.4 72.6

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#2

Dichlorodifluoromethane

Concen: 40.709 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW005628.D

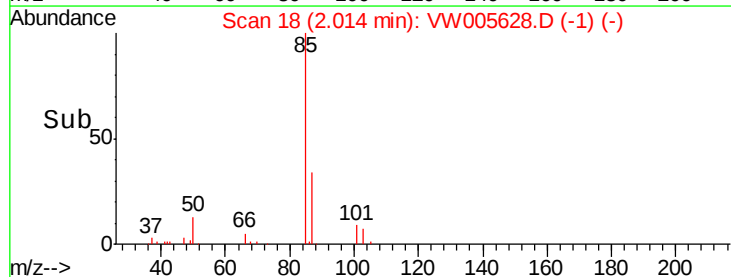
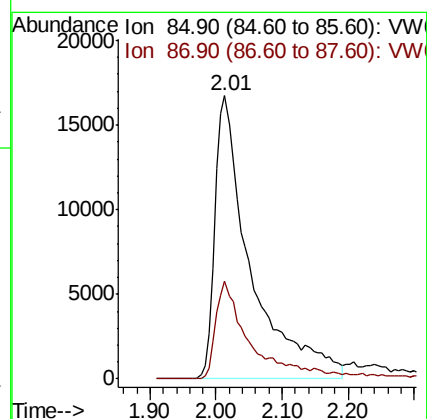
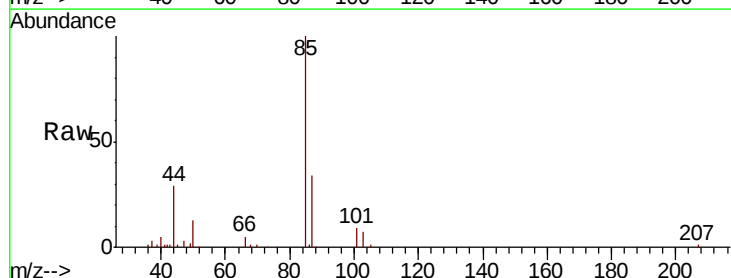
Acq: 25 Sep 2018 23:54

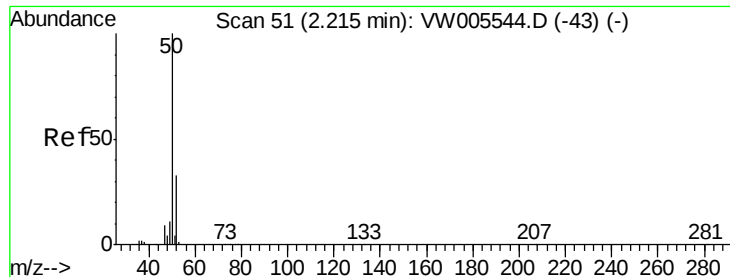
Tgt Ion: 85 Resp: 62842

Ion Ratio Lower Upper

85 100

87 34.4 17.0 50.9





#3

Chloromethane

Concen: 36.888 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW005628.D

Acq: 25 Sep 2018 23:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 74994

Ion Ratio Lower Upper

50 100

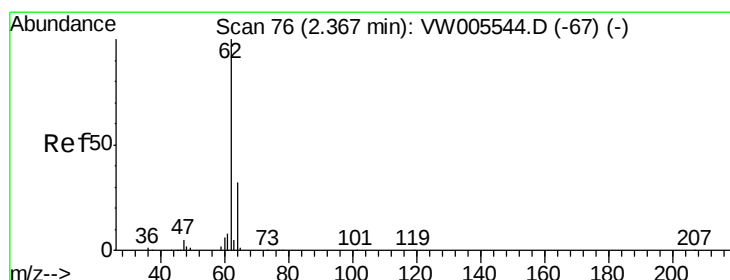
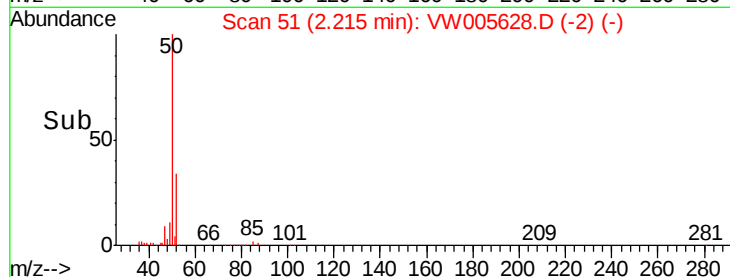
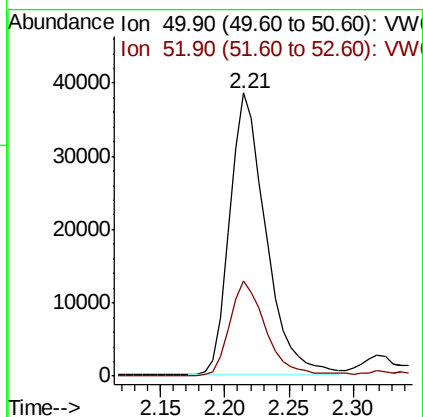
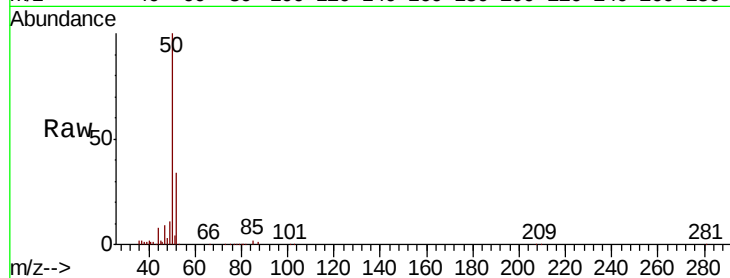
52 33.9 26.2 39.4

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#4

Vinyl Chloride

Concen: 48.309 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW005628.D

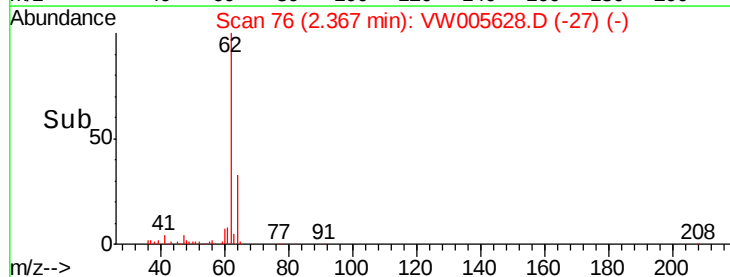
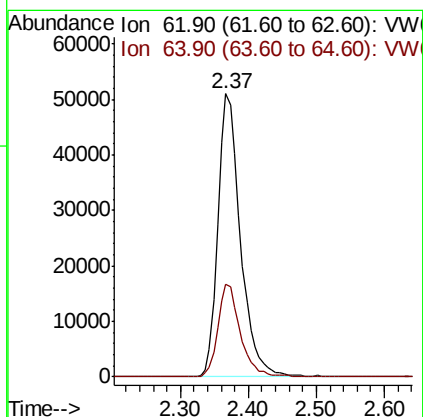
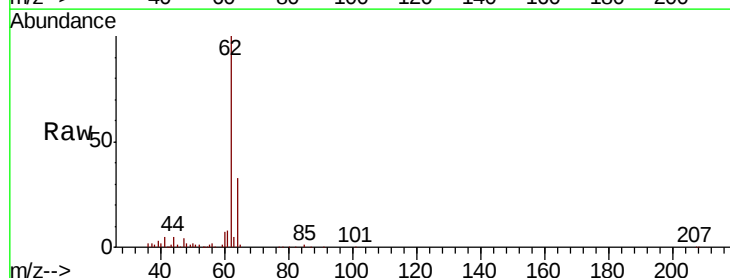
Acq: 25 Sep 2018 23:54

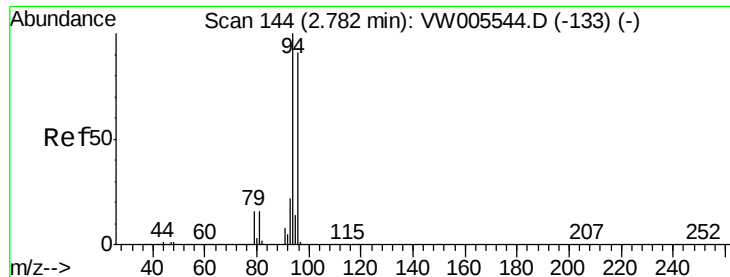
Tgt Ion: 62 Resp: 117397

Ion Ratio Lower Upper

62 100

64 32.7 25.7 38.5





#5

Bromomethane

Concen: 45.479 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW005628.D

Acq: 25 Sep 2018 23:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 74688

Ion Ratio Lower Upper

94 100

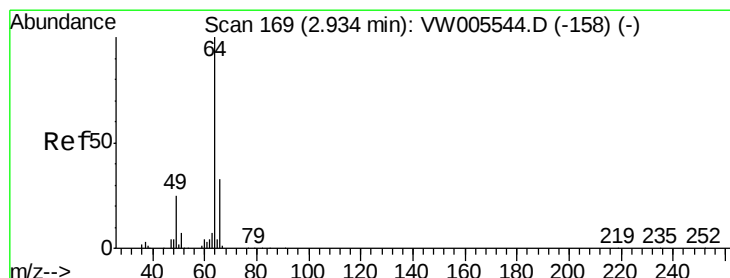
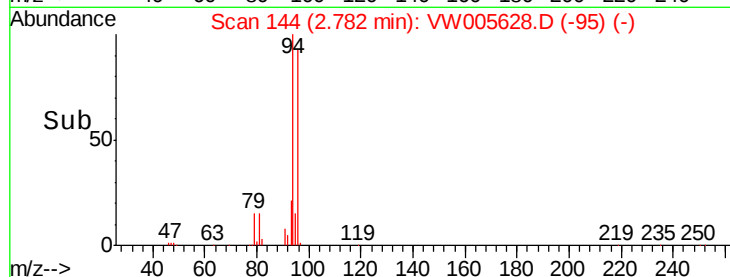
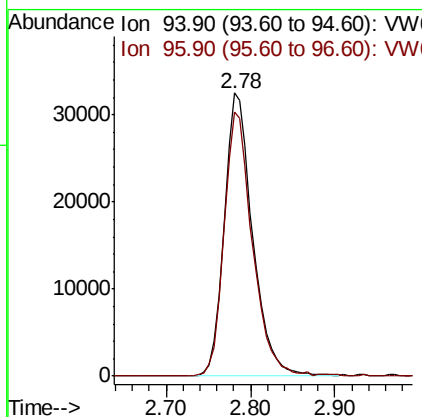
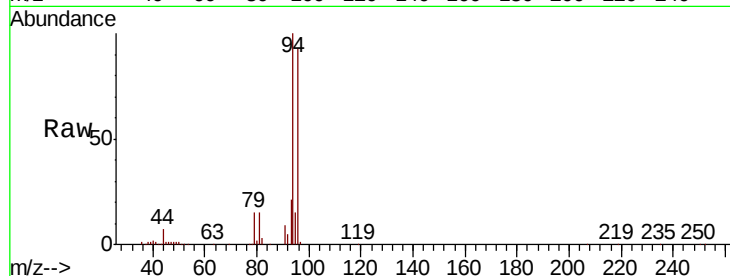
96 93.1 73.1 109.7

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#6

Chloroethane

Concen: 46.666 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW005628.D

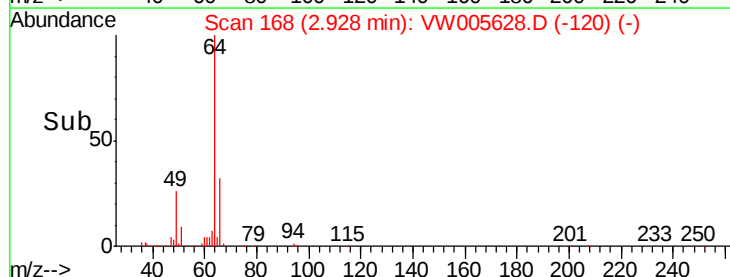
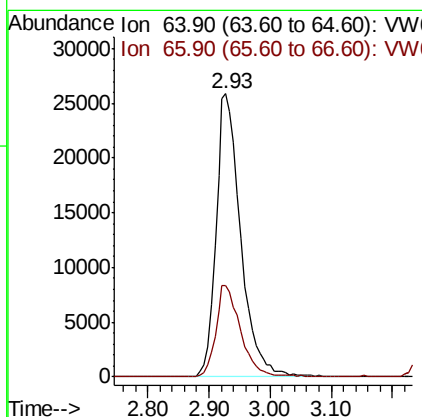
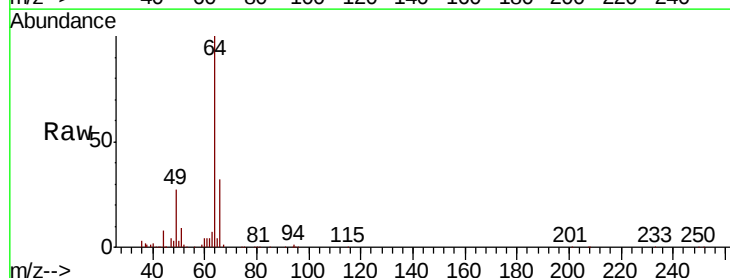
Acq: 25 Sep 2018 23:54

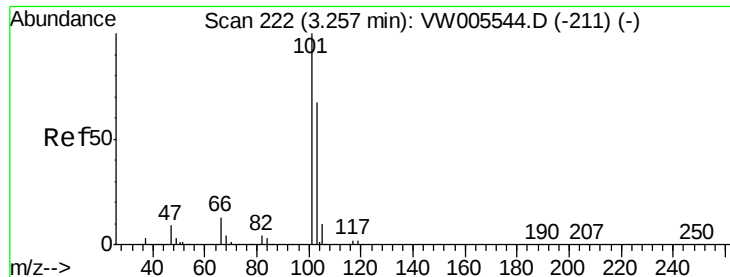
Tgt Ion: 64 Resp: 72767

Ion Ratio Lower Upper

64 100

66 32.0 26.0 39.0





#7

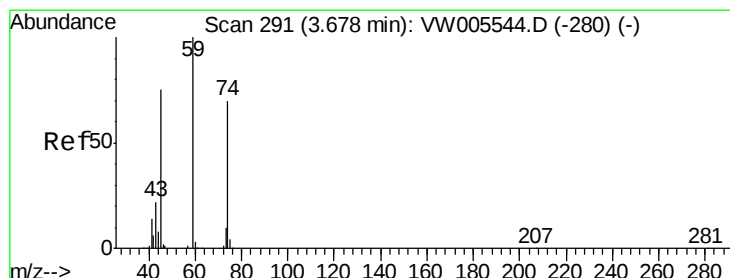
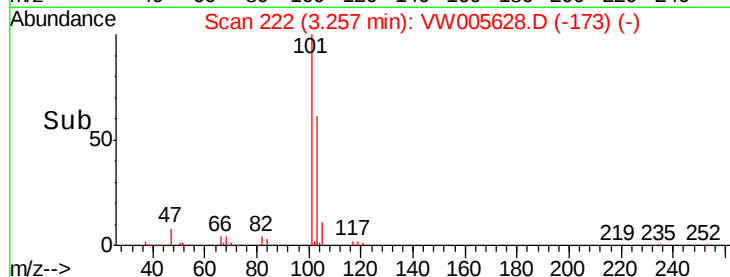
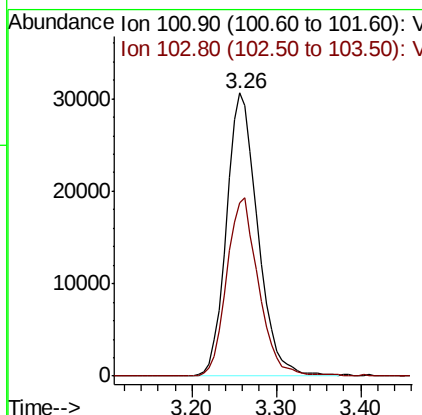
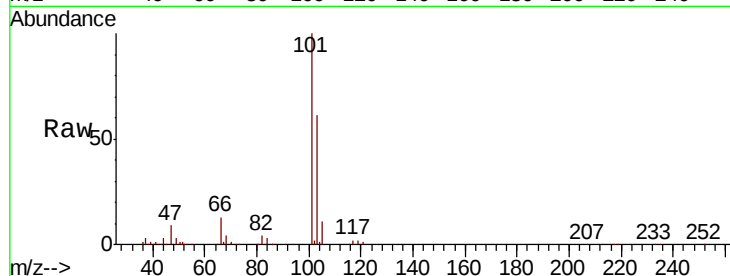
Trichlorofluoromethane
 Concen: 40.701 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW005628.D
 Acq: 25 Sep 2018 23:54

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 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.4	53.2	79.8

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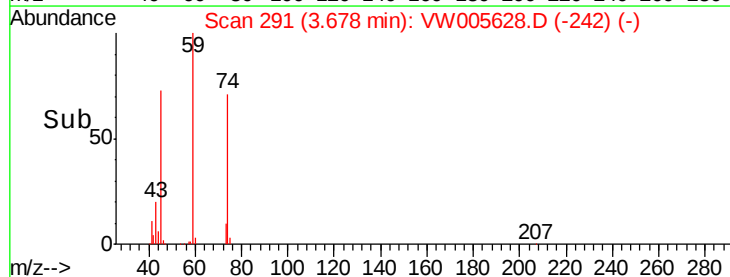
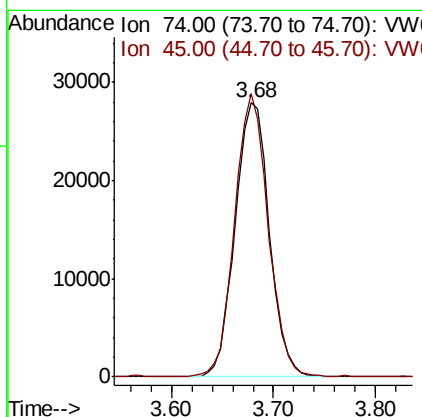
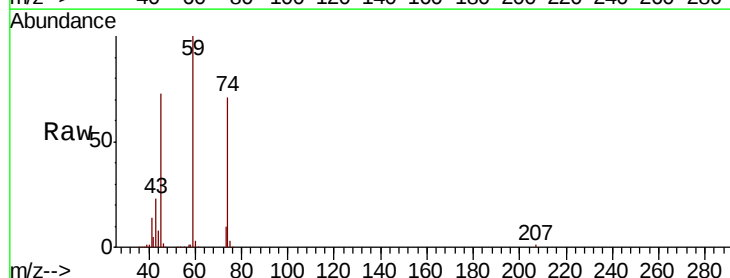
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 9/26/2018 2:38:25 PM

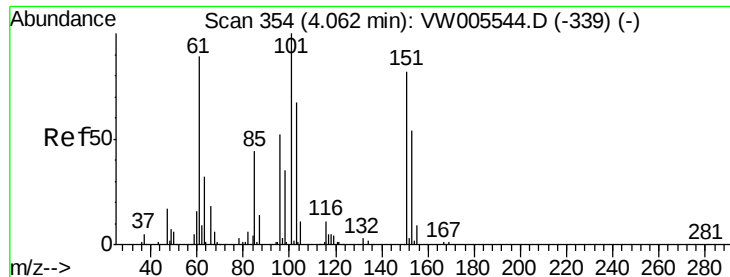


#8

Diethyl Ether
 Concen: 52.239 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW005628.D
 Acq: 25 Sep 2018 23:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.9	51.7	155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.415 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW005628.D

Acq: 25 Sep 2018 23:54

Instrument :

MSVOA_W

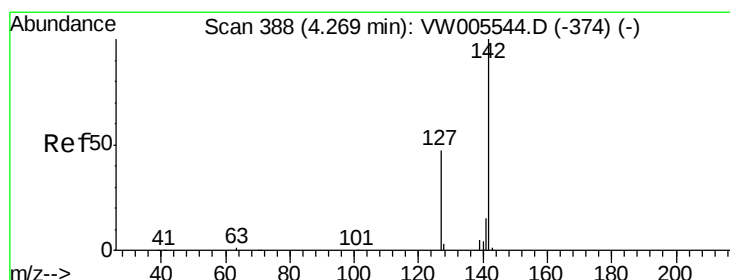
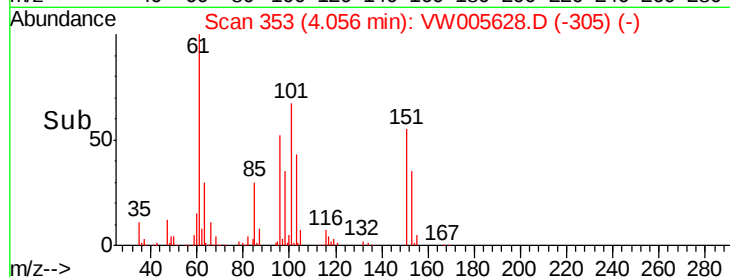
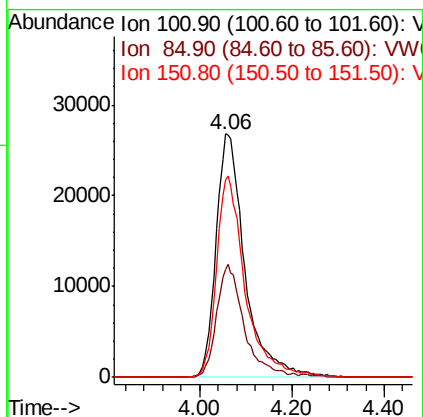
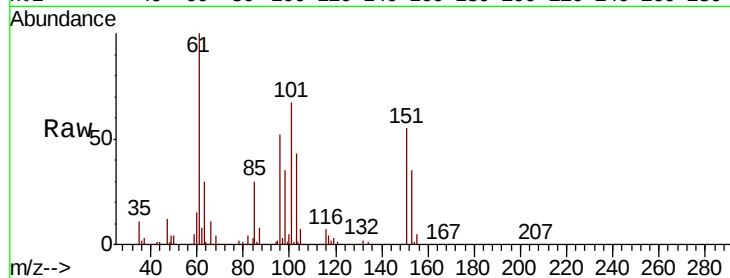
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	116483
Ion Ratio	Lower	Upper	
101	100		
85	44.1	36.4	54.6
151	82.2	65.8	98.6

Manual Integrations
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#10

Methyl Iodide

Concen: 49.978 ug/l

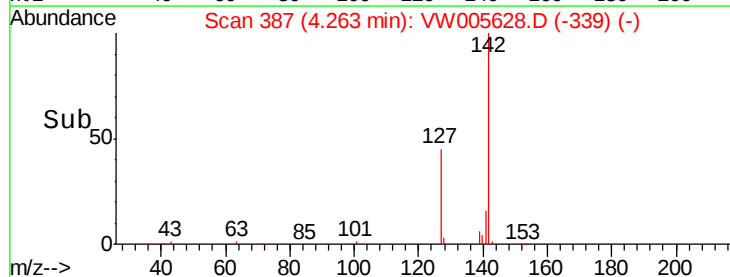
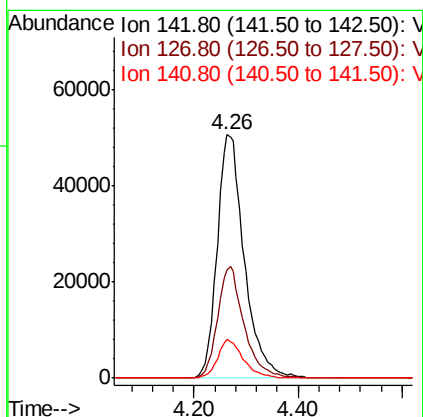
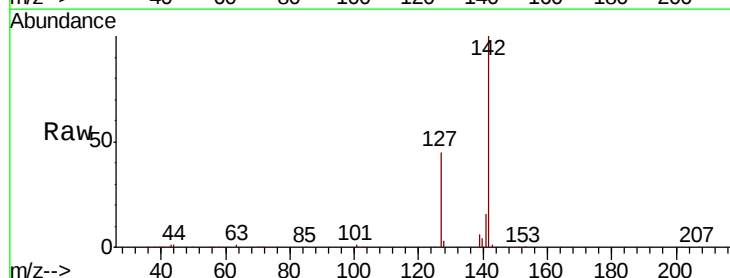
RT: 4.26 min Scan# 387

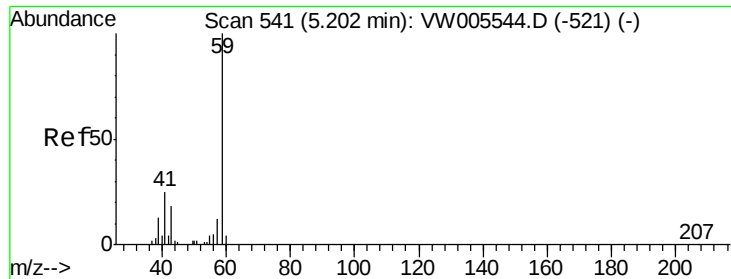
Delta R.T. -0.01 min

Lab File: VW005628.D

Acq: 25 Sep 2018 23:54

Tgt Ion:	142	Resp:	184920
Ion Ratio	Lower	Upper	
142	100		
127	44.6	37.4	56.0
141	15.2	11.9	17.9





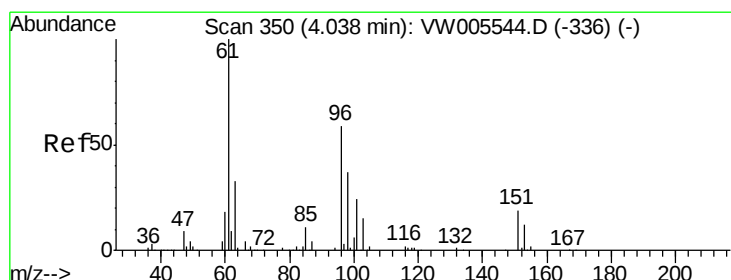
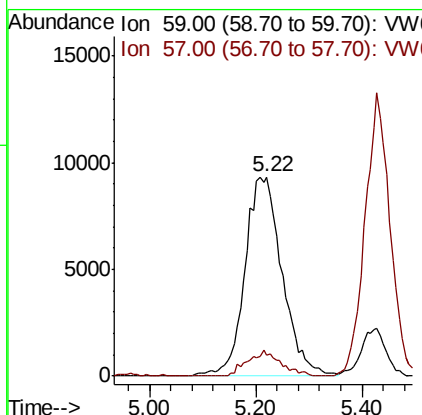
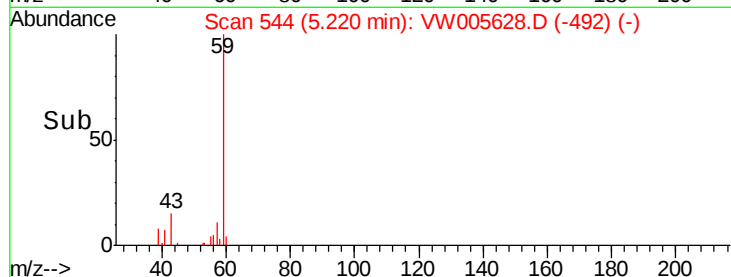
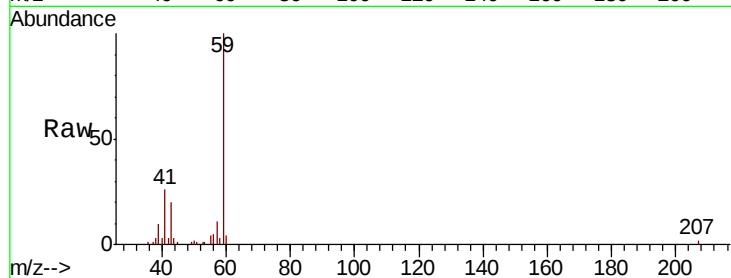
#11
Tert butyl alcohol
Concen: 295.063 ug/l
RT: 5.22 min Scan# 544
Delta R.T. 0.02 min
Lab File: VW005628.D
Acq: 25 Sep 2018 23:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.4	8.3	12.5

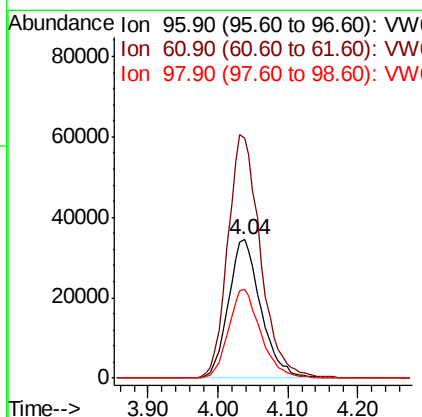
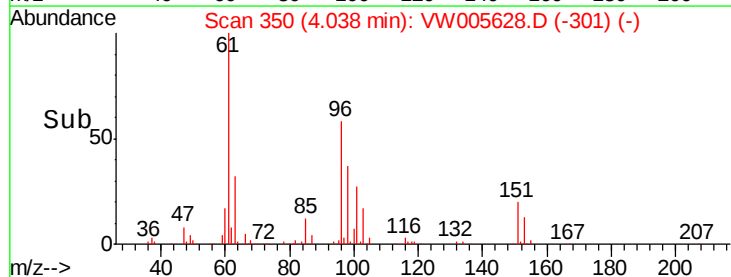
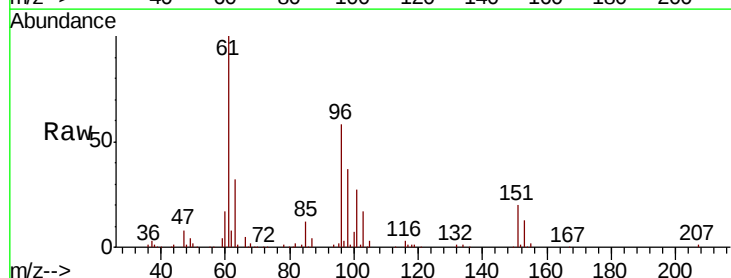
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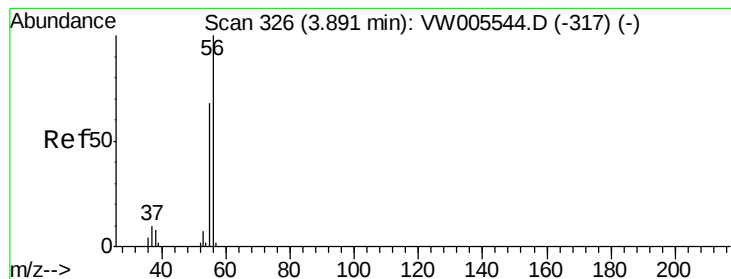
apatel
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#12
1,1-Dichloroethene
Concen: 48.311 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW005628.D
Acq: 25 Sep 2018 23:54

Tgt Ion	Ratio	Lower	Upper
96	100		
61	173.1	135.0	202.6
98	64.4	50.6	76.0





#13

Acrolein

Concen: 275.741 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW005628.D

Acq: 25 Sep 2018 23:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 28158

Ion Ratio Lower Upper

56 100

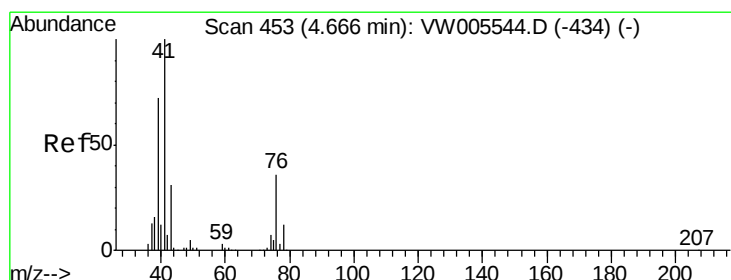
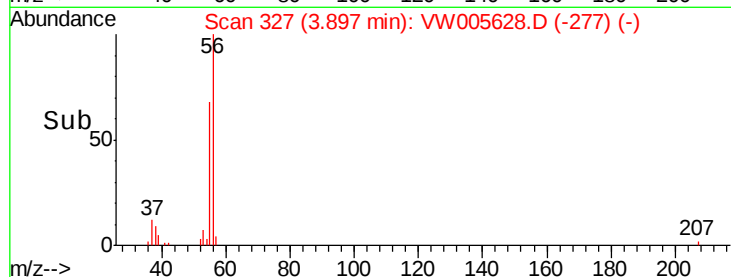
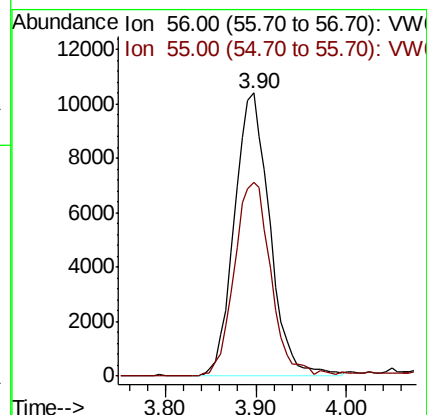
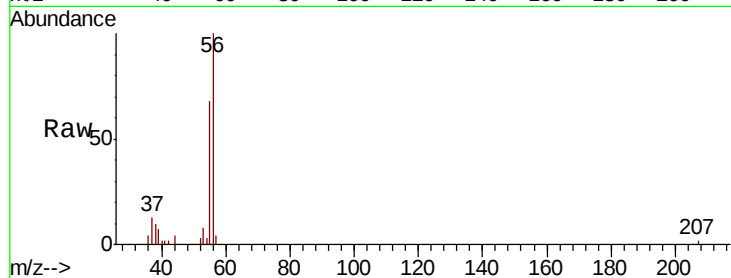
55 70.9 57.8 86.8

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#14

Allyl chloride

Concen: 52.097 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW005628.D

Acq: 25 Sep 2018 23:54

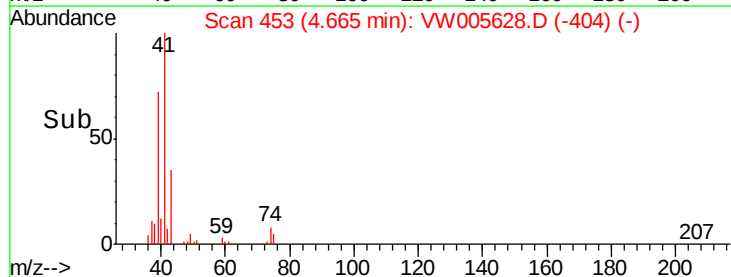
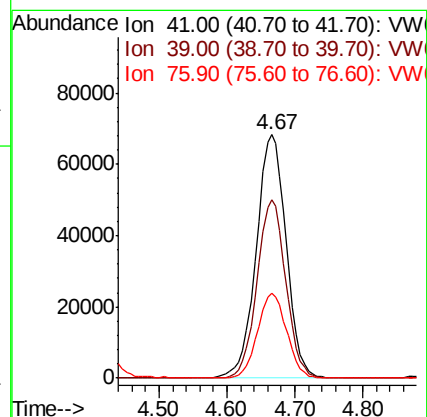
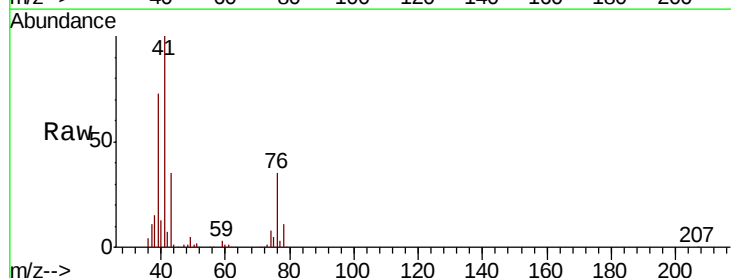
Tgt Ion: 41 Resp: 209419

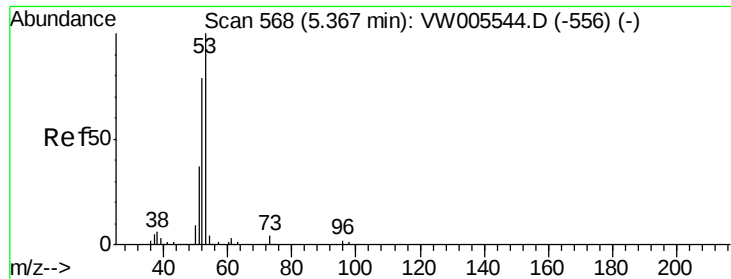
Ion Ratio Lower Upper

41 100

39 70.7 59.6 89.4

76 33.9 27.7 41.5





#15

Acrylonitrile

Concen: 276.982 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW005628.D

Acq: 25 Sep 2018 23:54

Instrument :

MSVOA_W

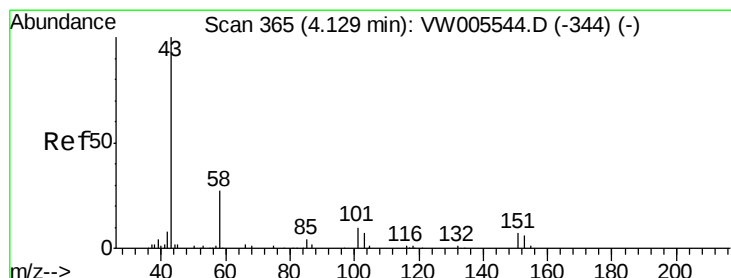
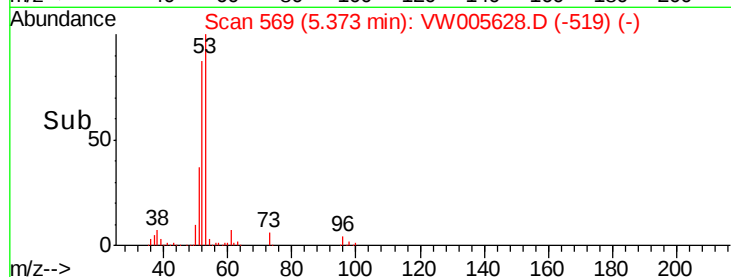
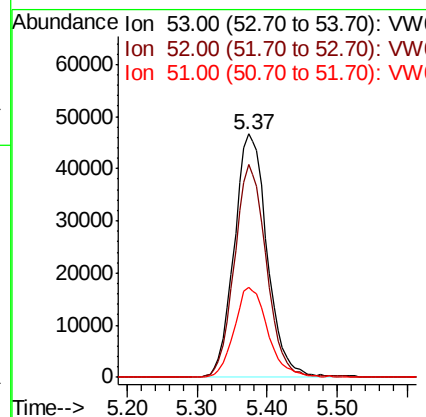
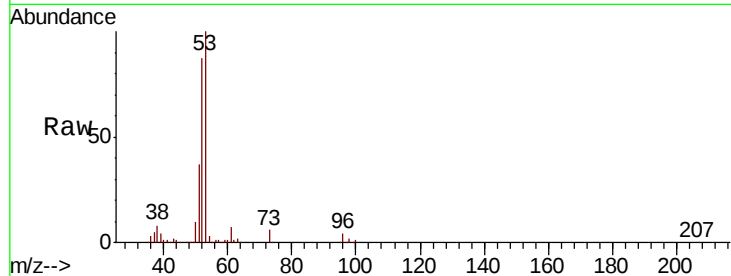
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	152684
Ion Ratio	Lower	Upper	
53	100		
52	84.3	66.5	99.7
51	37.4	30.6	46.0

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#16

Acetone

Concen: 264.080 ug/l

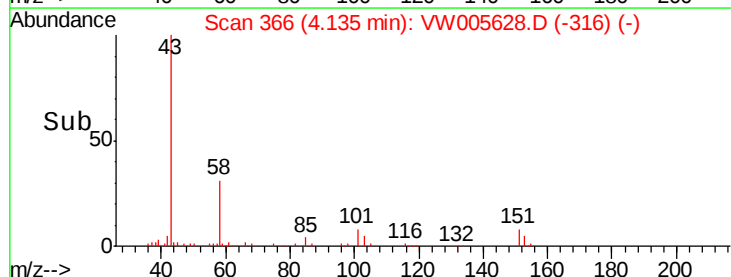
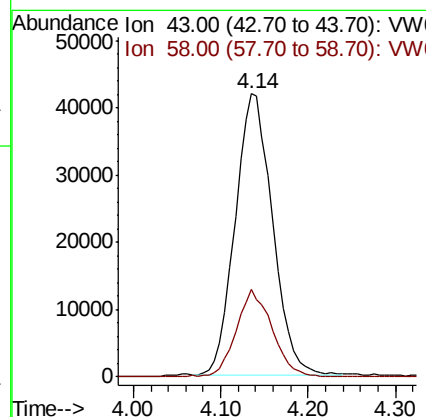
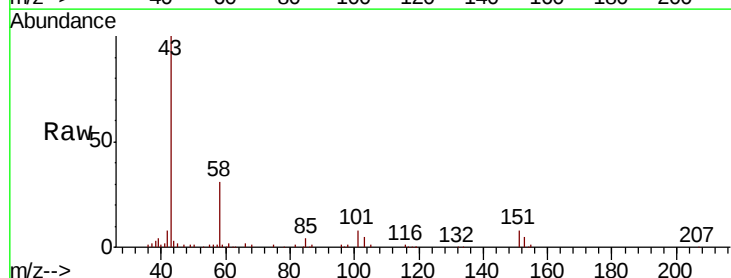
RT: 4.14 min Scan# 366

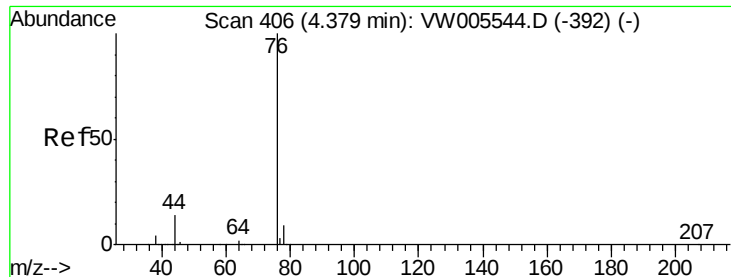
Delta R.T. 0.01 min

Lab File: VW005628.D

Acq: 25 Sep 2018 23:54

Tgt Ion:	43	Resp:	123443
Ion Ratio	Lower	Upper	
43	100		
58	30.6	21.8	32.8





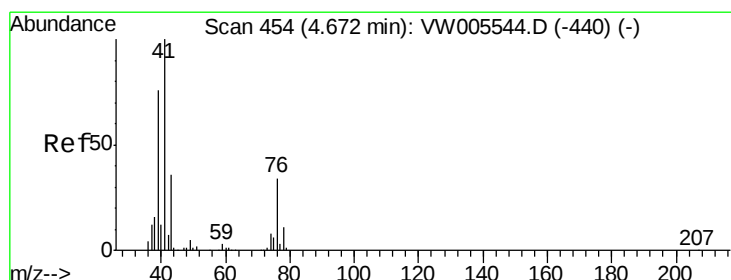
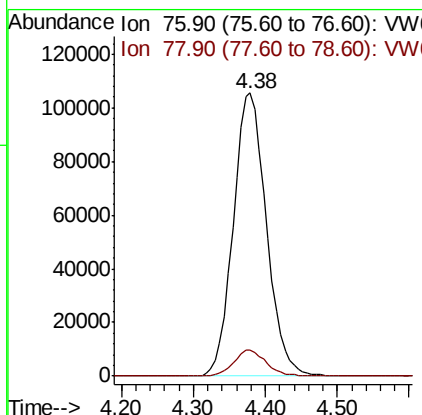
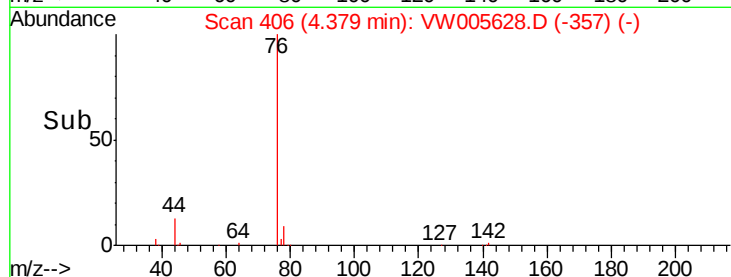
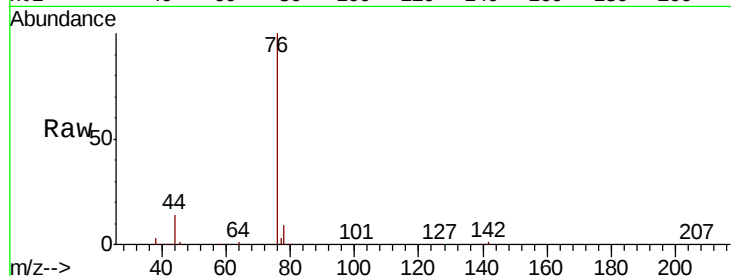
#17
Carbon Disulfide
Concen: 46.764 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW005628.D
Acq: 25 Sep 2018 23:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.0

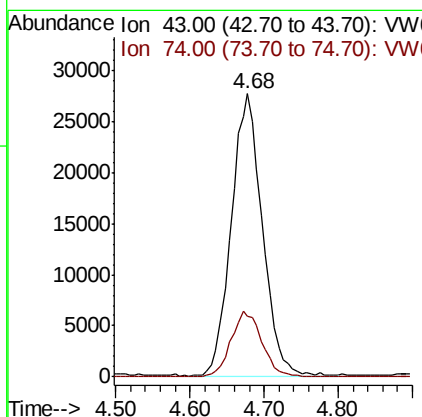
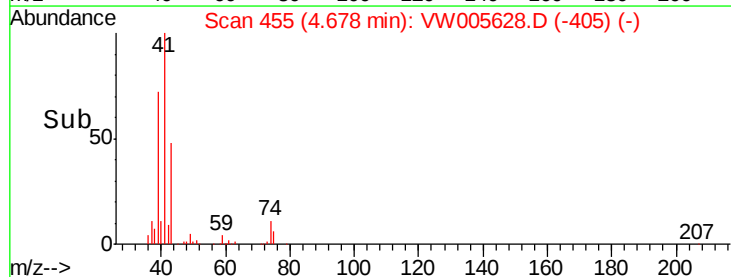
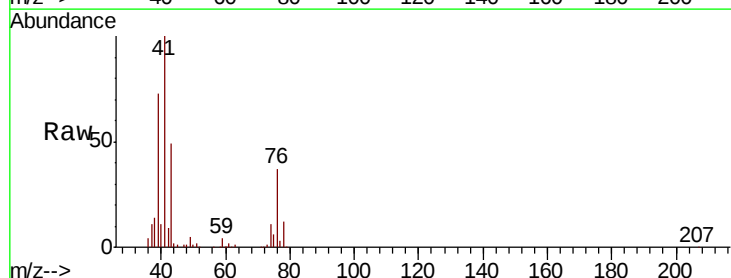
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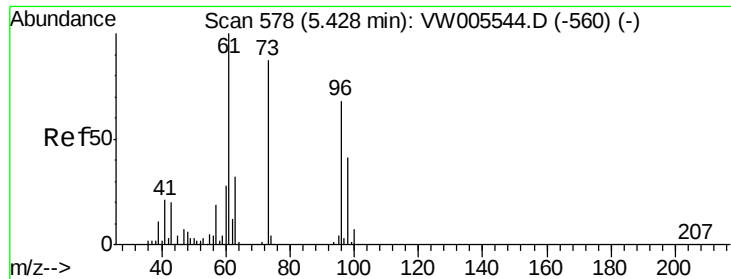
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#18
Methyl Acetate
Concen: 57.155 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW005628.D
Acq: 25 Sep 2018 23:54

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.0	19.2	28.8





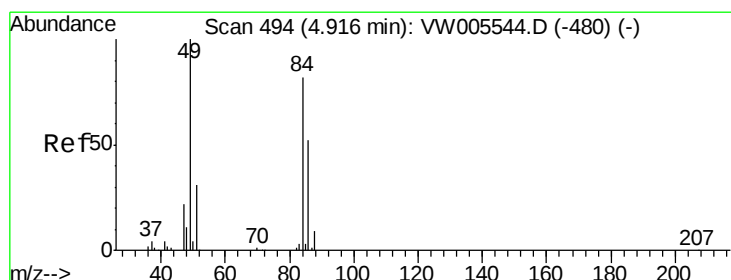
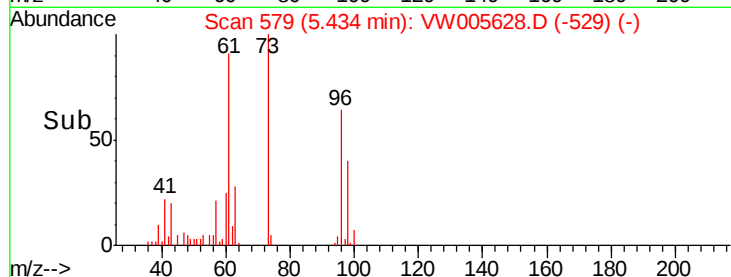
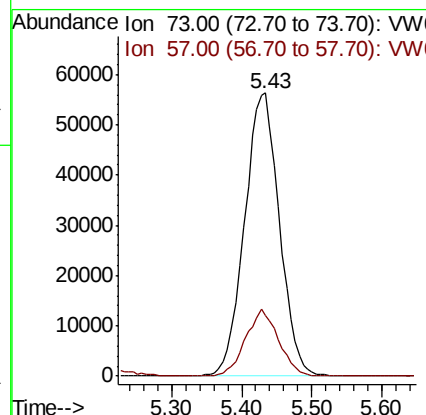
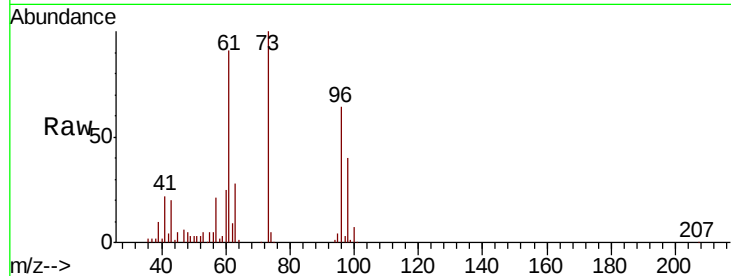
#19
Methyl tert-butyl Ether
Concen: 54.767 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW005628.D
Acq: 25 Sep 2018 23:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	17.6	26.4

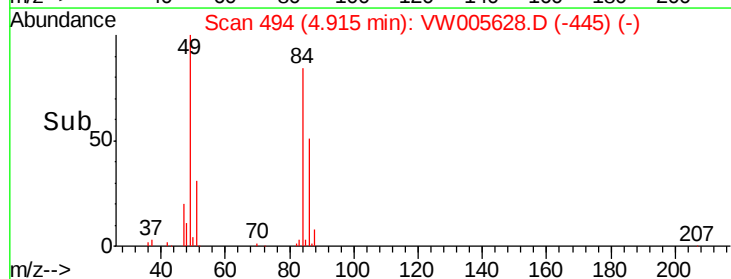
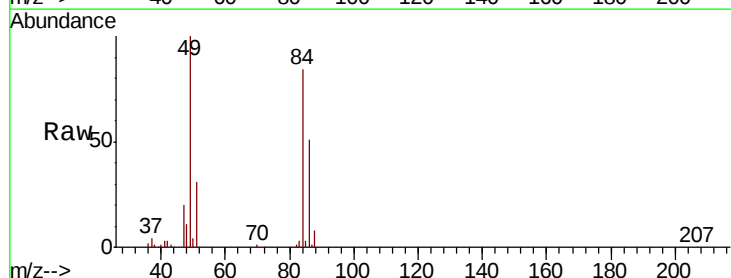
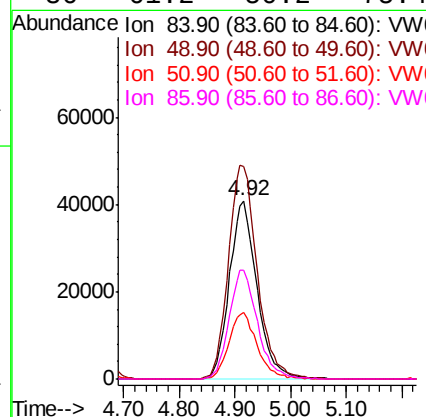
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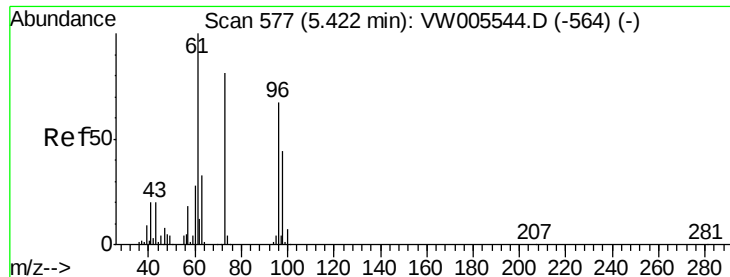
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#20
Methylene Chloride
Concen: 56.615 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW005628.D
Acq: 25 Sep 2018 23:54

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.4	97.0	145.6
51	37.4	30.2	45.2
86	61.2	50.2	75.4





#21

trans-1,2-Dichloroethene

Concen: 50.393 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW005628.D

Acq: 25 Sep 2018 23:54

Instrument :

MSVOA_W

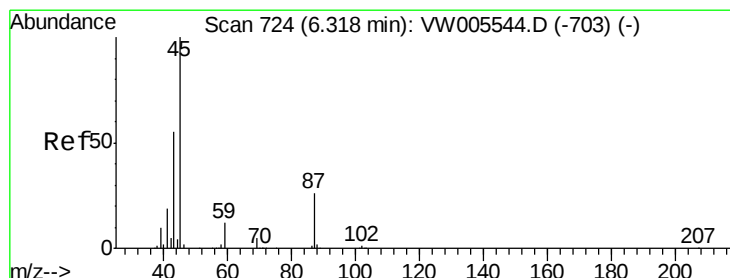
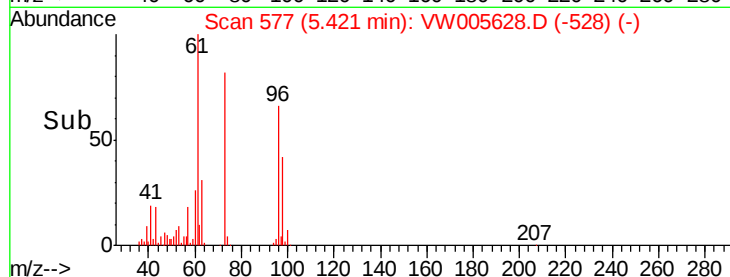
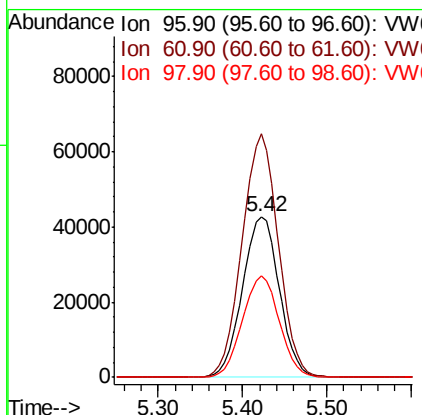
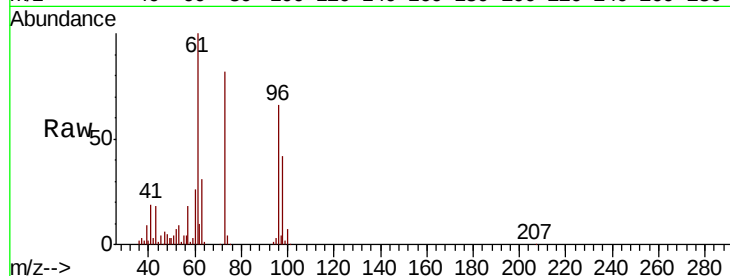
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	127133
Ion	Ratio	Lower	Upper
96	100		
61	151.2	118.9	178.3
98	63.0	52.1	78.1

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#22

Diisopropyl ether

Concen: 53.759 ug/l

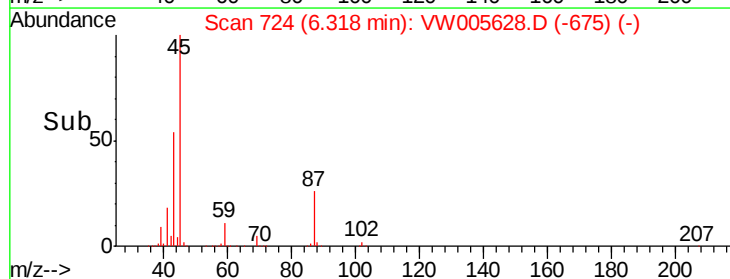
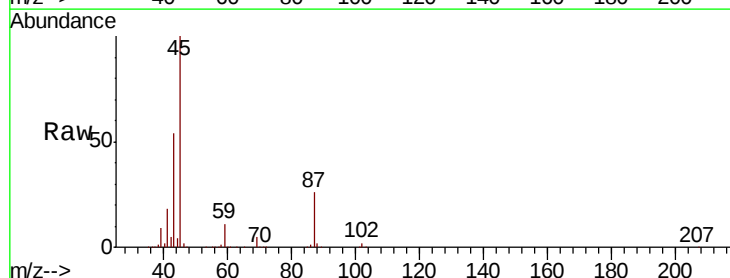
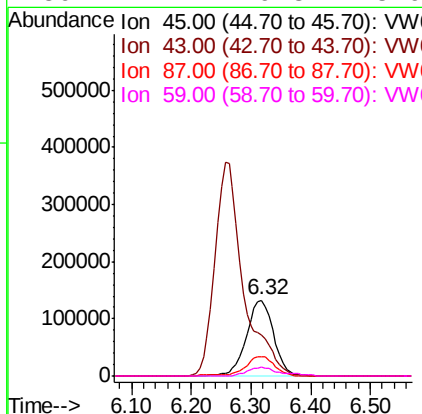
RT: 6.32 min Scan# 724

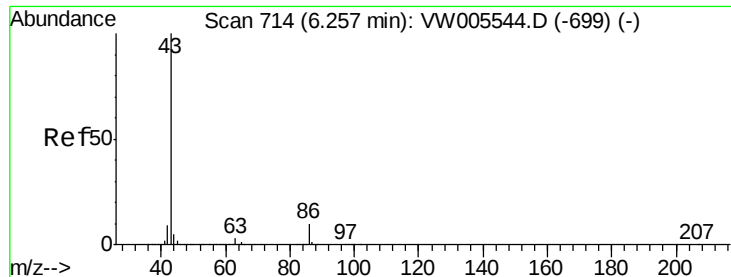
Delta R.T. -0.00 min

Lab File: VW005628.D

Acq: 25 Sep 2018 23:54

Tgt Ion:	45	Resp:	419502
Ion	Ratio	Lower	Upper
45	100		
43	53.8	44.2	66.4
87	26.2	21.4	32.2
59	11.2	9.3	13.9





#23

Vinyl Acetate

Concen: 277.685 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW005628.D

Acq: 25 Sep 2018 23:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1238529

Ion Ratio Lower Upper

43 100

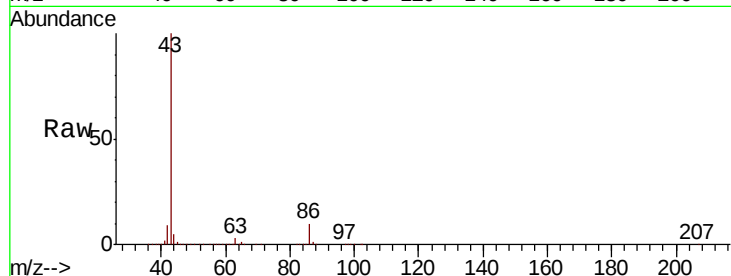
86 9.5 7.7 11.5

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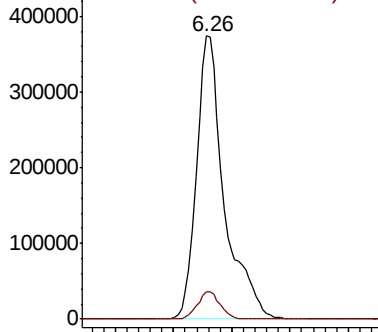
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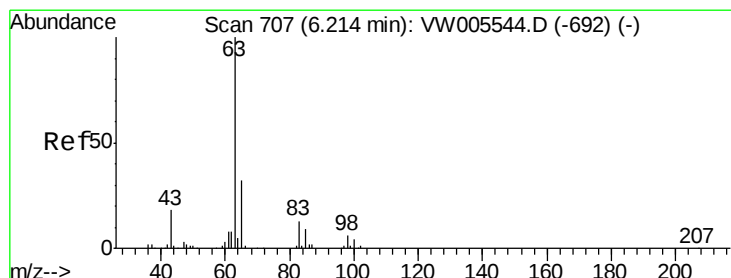
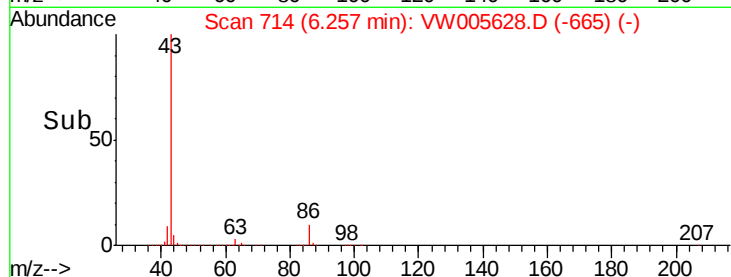


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 50.834 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.01 min

Lab File: VW005628.D

Acq: 25 Sep 2018 23:54

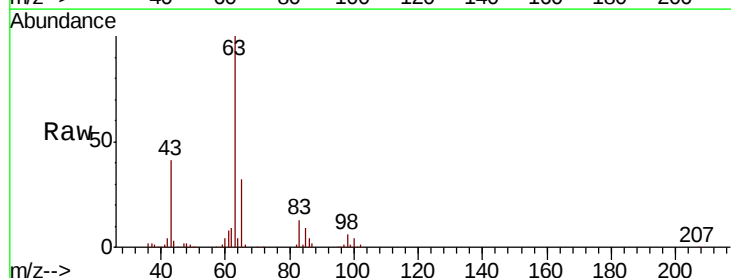
Tgt Ion: 63 Resp: 245083

Ion Ratio Lower Upper

63 100

98 6.0 2.9 8.8

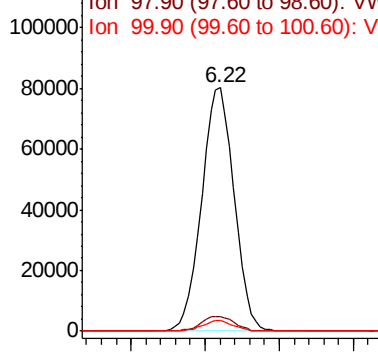
100 4.3 2.1 6.2



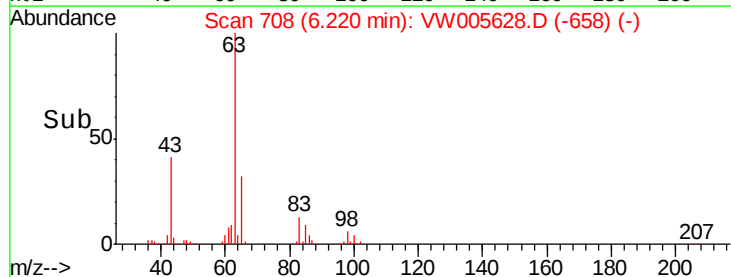
Abundance Ion 62.90 (62.60 to 63.60): VW

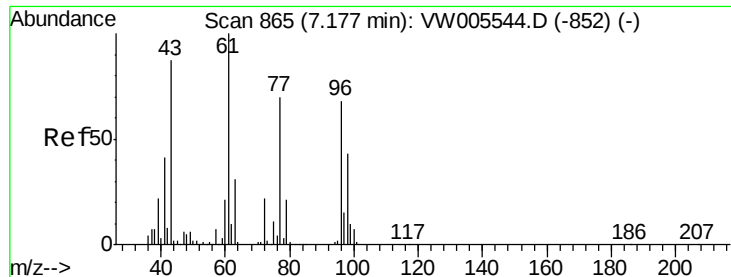
Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->





#25

2-Butanone

Concen: 269.054 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW005628.D

Acq: 25 Sep 2018 23:54

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 194696

Ion Ratio Lower Upper

43 100

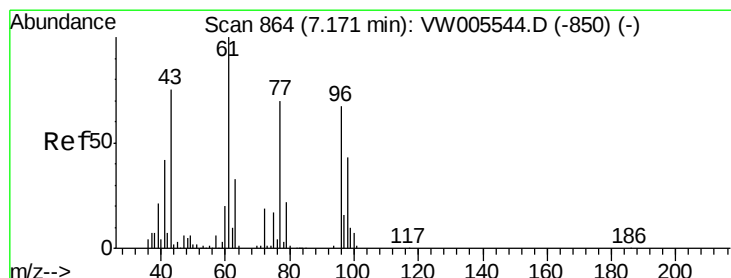
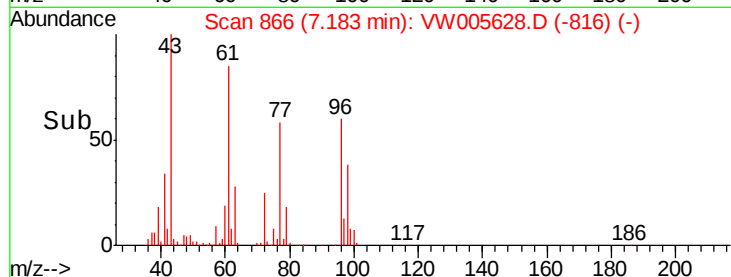
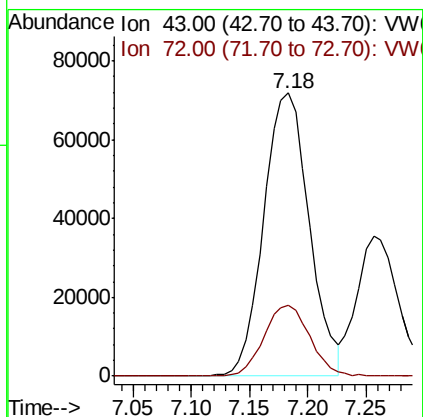
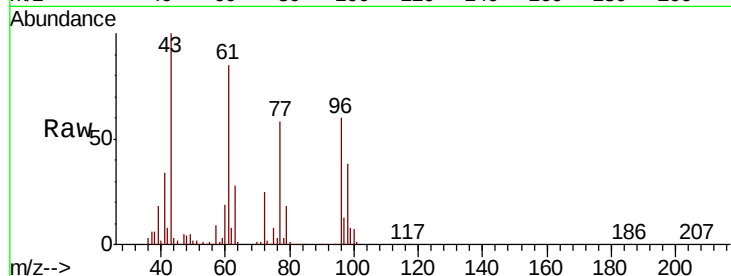
72 25.3 19.9 29.9

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#26

2,2-Dichloropropane

Concen: 43.984 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW005628.D

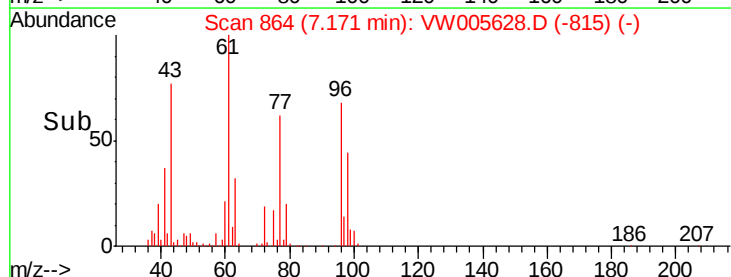
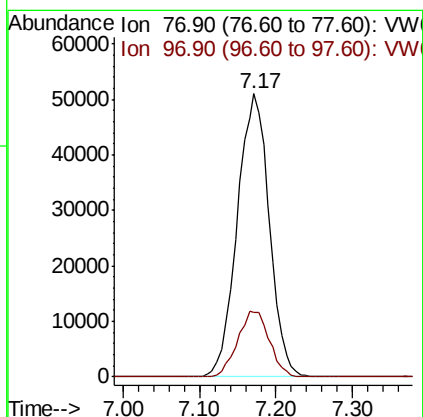
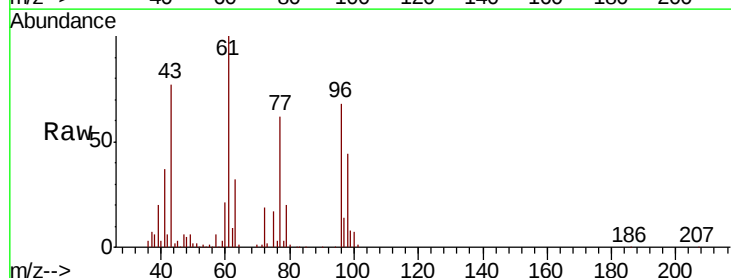
Acq: 25 Sep 2018 23:54

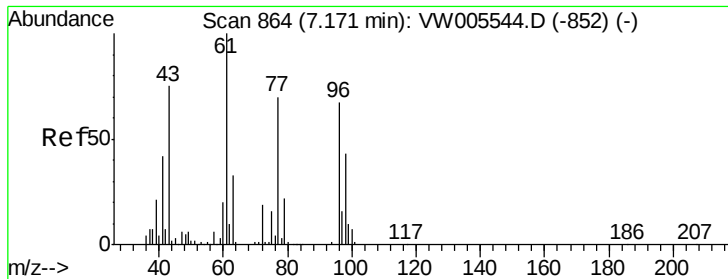
Tgt Ion: 77 Resp: 148043

Ion Ratio Lower Upper

77 100

97 23.2 11.0 33.0





#27

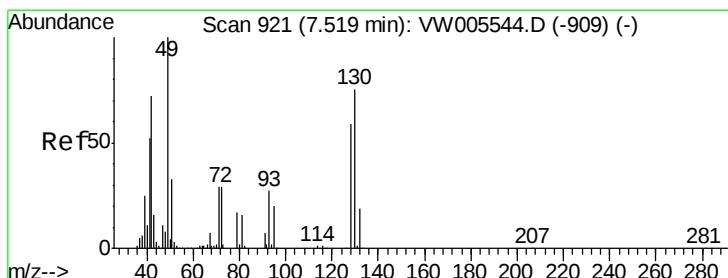
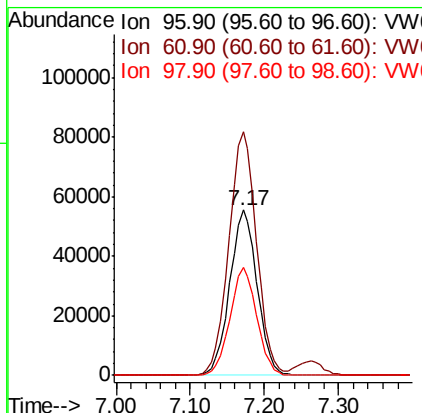
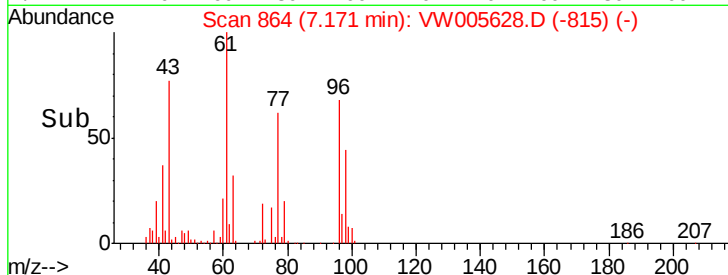
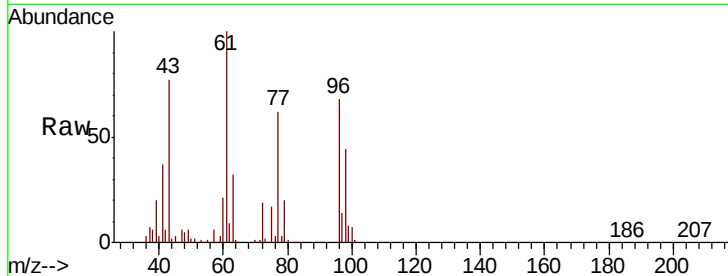
cis-1,2-Dichloroethene
 Concen: 51.354 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW005628.D
 Acq: 25 Sep 2018 23:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	142897		
61	149.4	0.0	303.4	
98	64.0	0.0	127.2	

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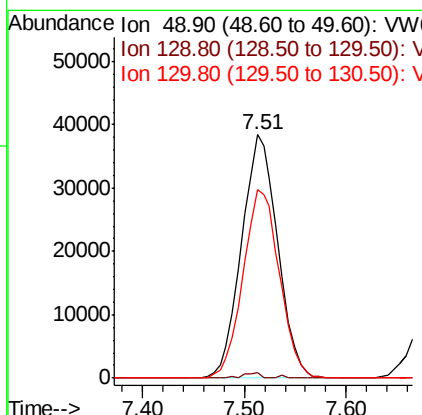
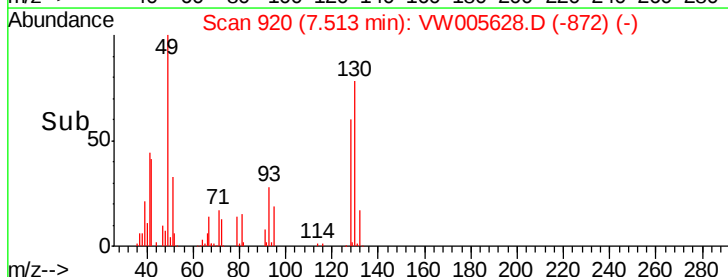
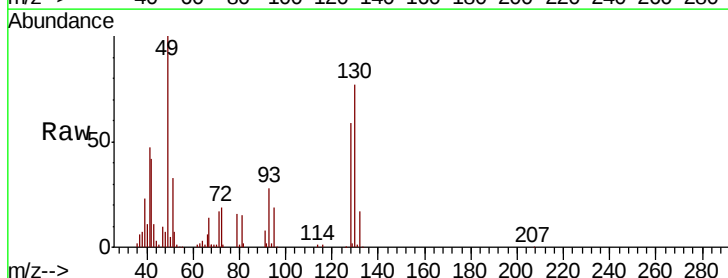
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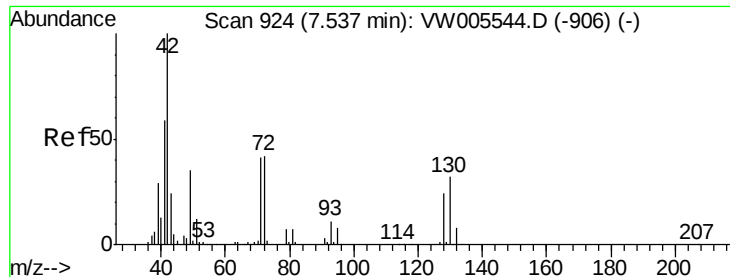


#28

Bromochloromethane
 Concen: 49.493 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW005628.D
 Acq: 25 Sep 2018 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	94520		
129	1.0	0.0	1.4	
130	78.3	61.3	91.9	





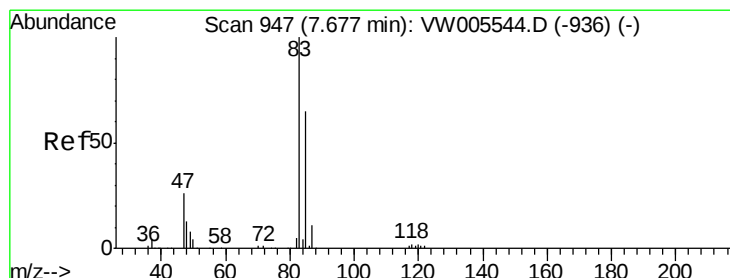
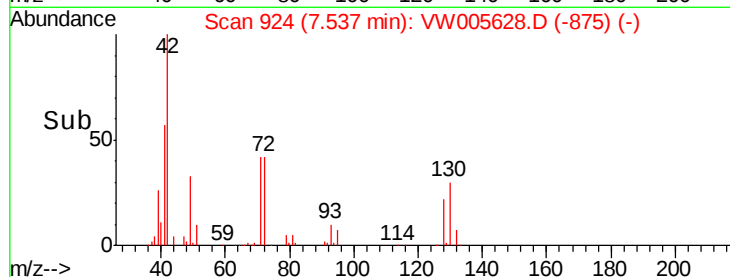
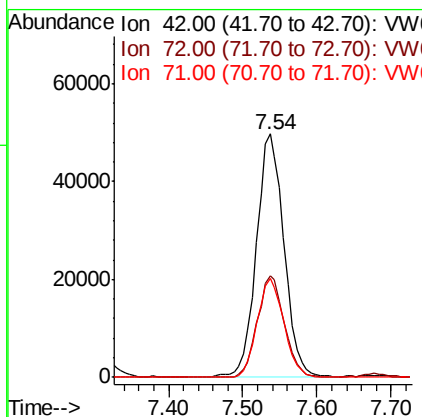
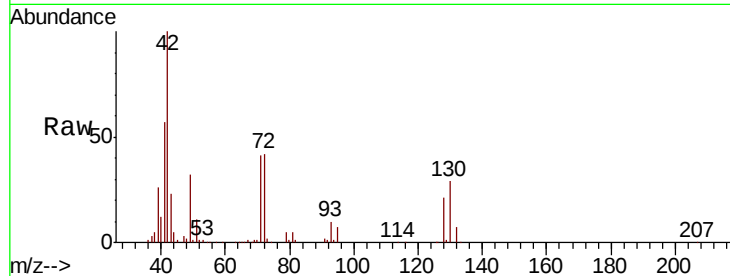
#29
Tetrahydrofuran
Concen: 286.495 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.00 min
Lab File: VW005628.D
Acq: 25 Sep 2018 23:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.9	33.6	50.4
71	39.4	31.8	47.6

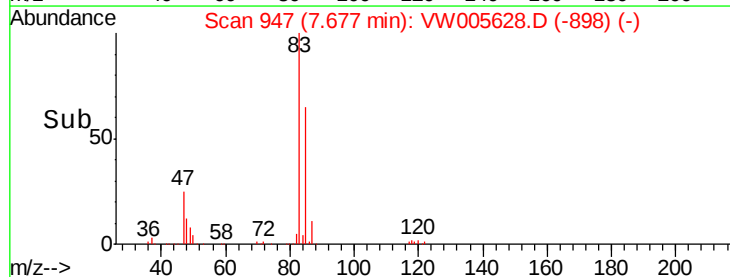
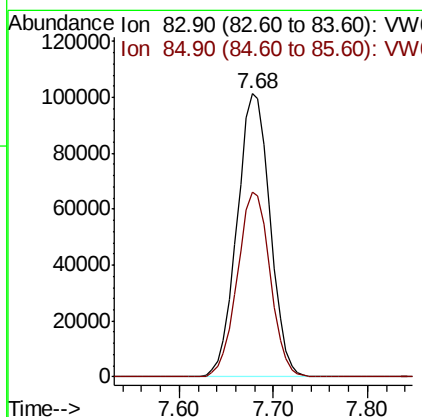
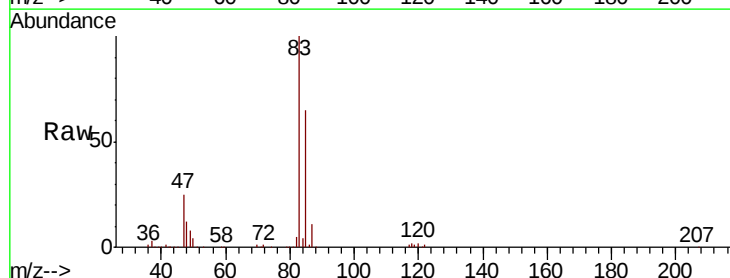
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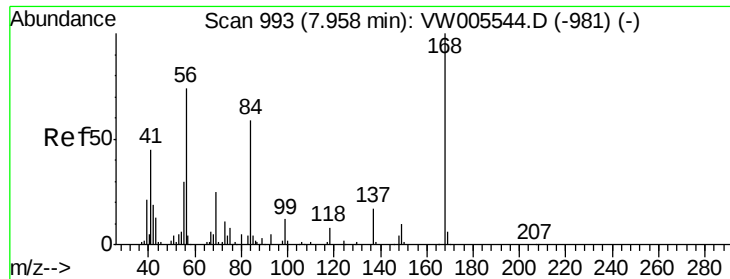
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#30
Chloroform
Concen: 49.943 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW005628.D
Acq: 25 Sep 2018 23:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.8	77.6





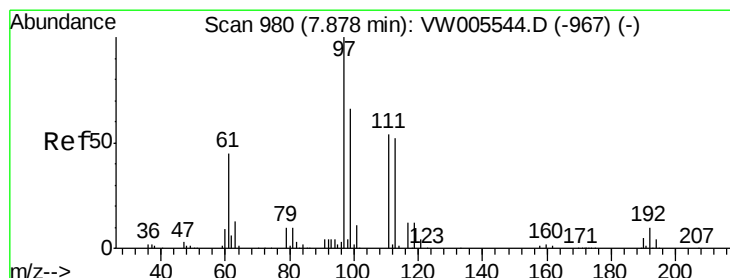
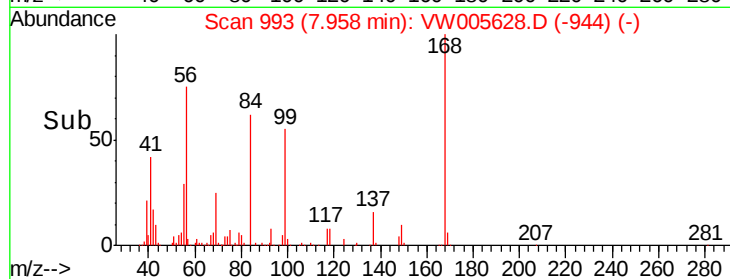
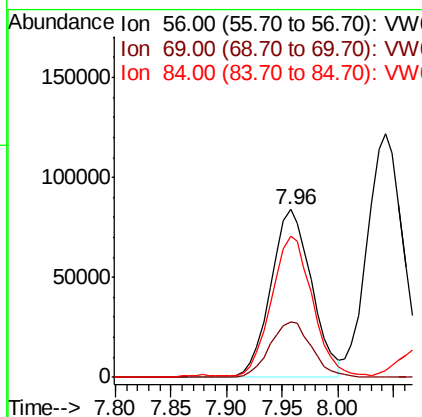
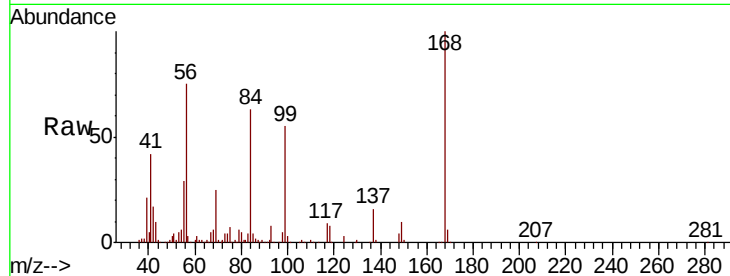
#31
Cyclohexane
Concen: 46.375 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW005628.D
Acq: 25 Sep 2018 23:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	56	Resp:	214211
Ion Ratio	Lower	Upper	
56	100		
69	33.4	27.0	40.4
84	82.7	64.2	96.4

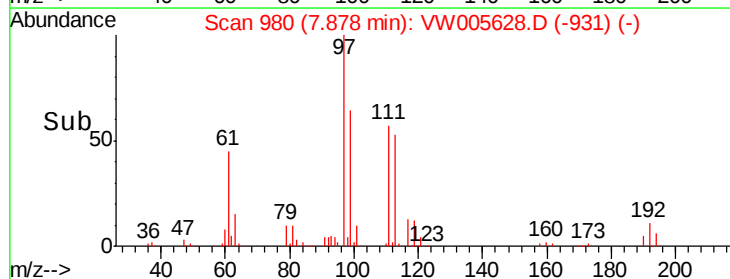
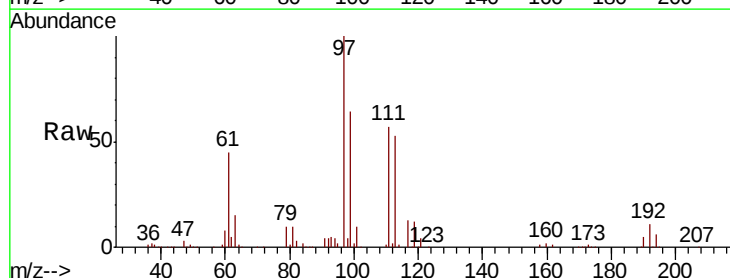
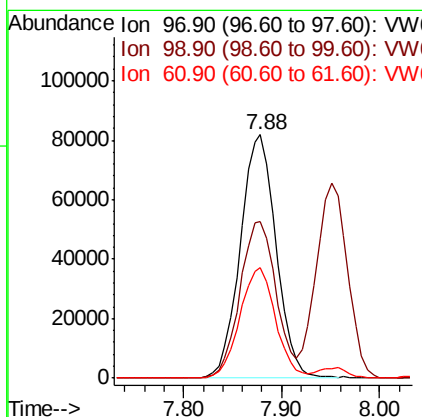
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#32
1,1,1-Trichloroethane
Concen: 47.192 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW005628.D
Acq: 25 Sep 2018 23:54

Tgt Ion:	97	Resp:	207508
Ion Ratio	Lower	Upper	
97	100		
99	65.1	51.0	76.6
61	45.2	36.2	54.2





#33

1,2-Dichloroethane-d4

Concen: 51.292 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW005628.D

Acq: 25 Sep 2018 23:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 152821

Ion Ratio Lower Upper

65 100

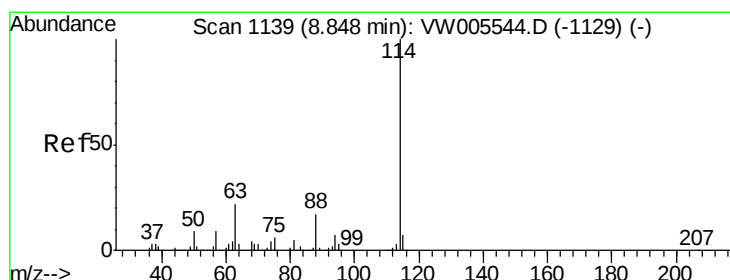
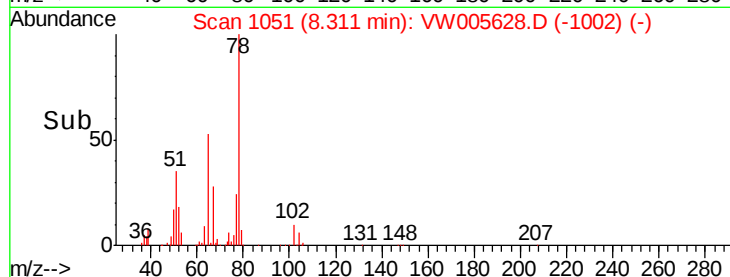
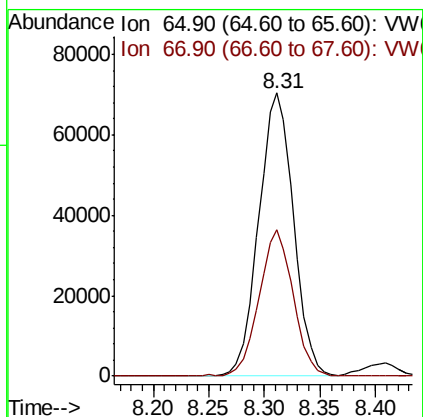
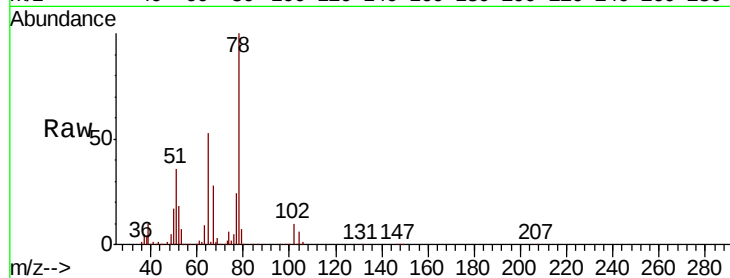
67 50.8 0.0 100.6

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VW005628.D

Acq: 25 Sep 2018 23:54

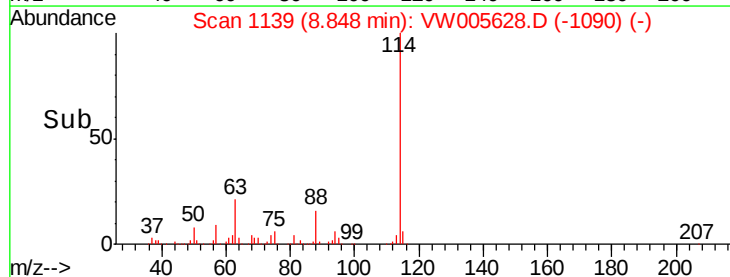
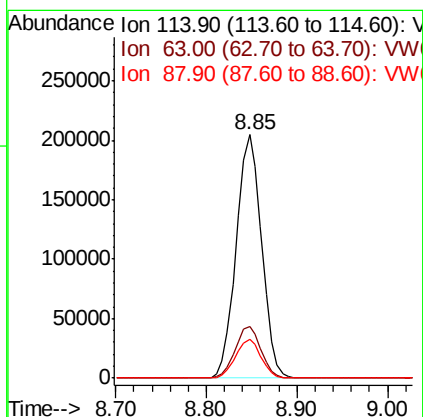
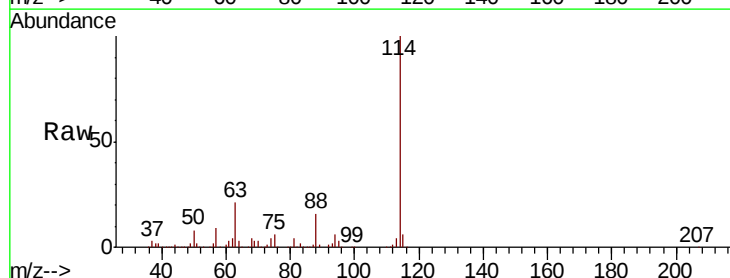
Tgt Ion: 114 Resp: 396448

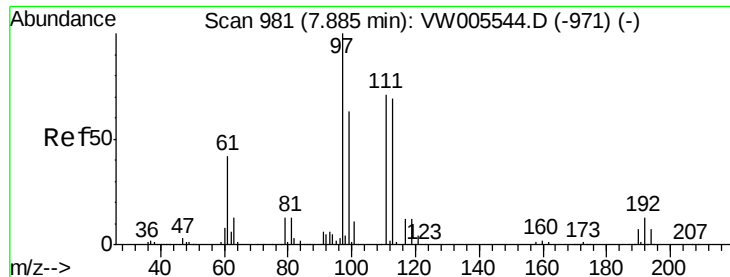
Ion Ratio Lower Upper

114 100

63 21.4 0.0 43.0

88 15.8 0.0 33.0





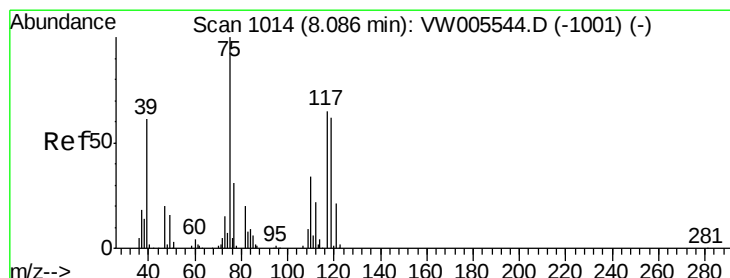
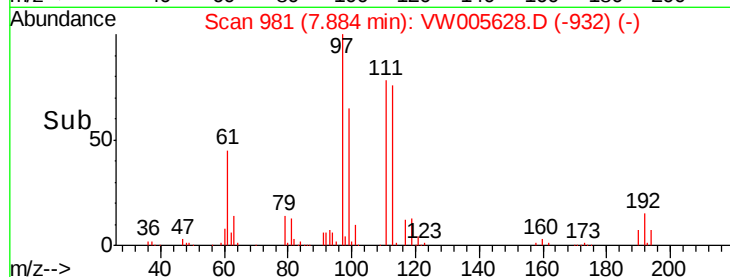
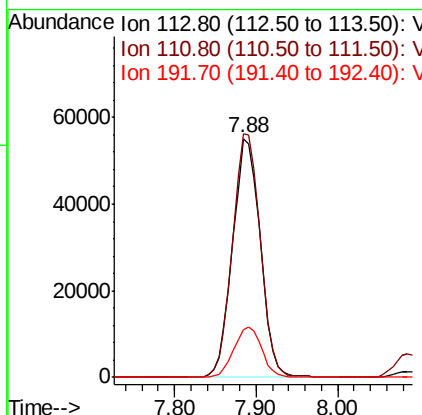
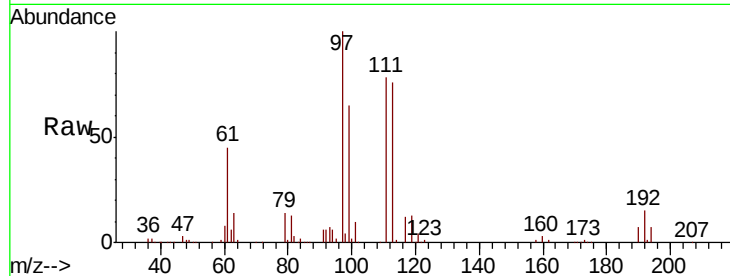
#35
 Dibromofluoromethane
 Concen: 51.794 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW005628.D
 Acq: 25 Sep 2018 23:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	129129		
111	102.3	82.6	123.8	
192	21.1	17.0	25.4	

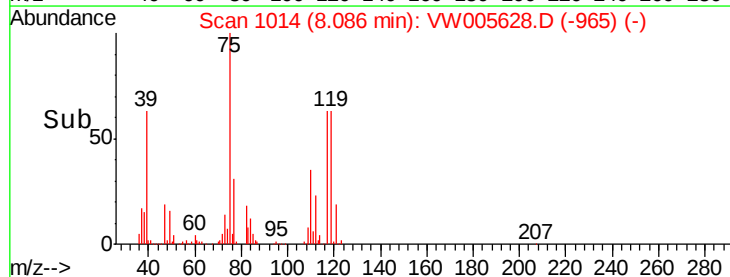
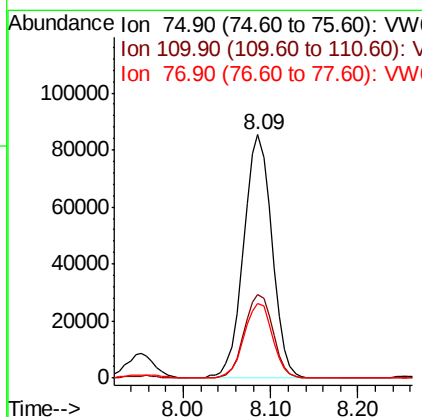
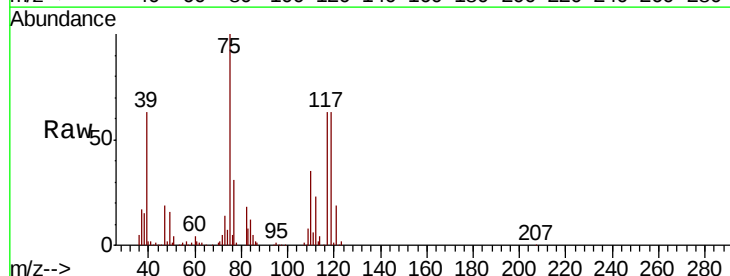
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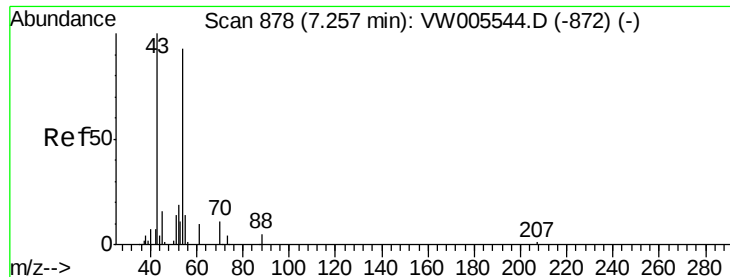
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#36
 1,1-Dichloropropene
 Concen: 48.148 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: VW005628.D
 Acq: 25 Sep 2018 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	192153		
110	34.6	17.0	50.9	
77	31.0	24.8	37.2	





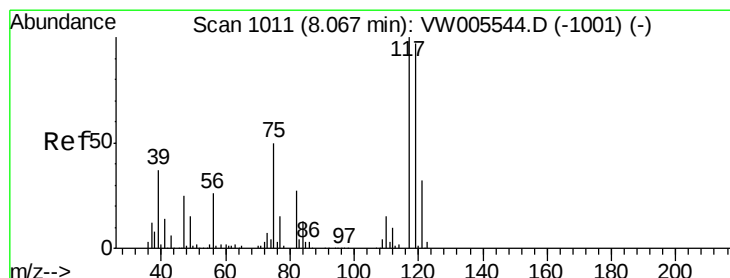
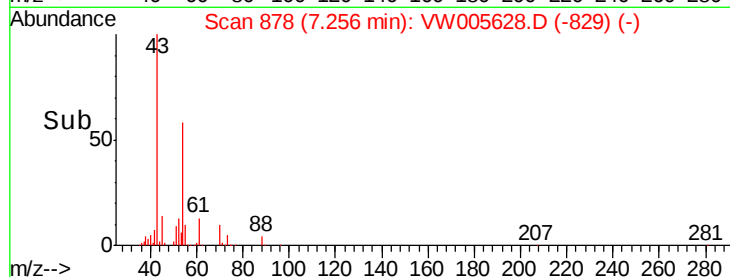
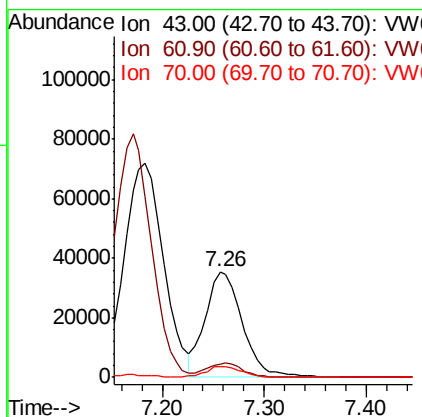
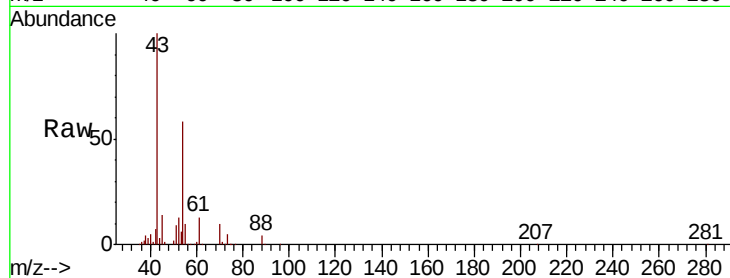
#37
Ethyl Acetate
Concen: 53.268 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW005628.D
Acq: 25 Sep 2018 23:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	89461
Ion Ratio	100	Lower	Upper
43	100		
61	13.1	10.4	15.6
70	9.9	8.2	12.2

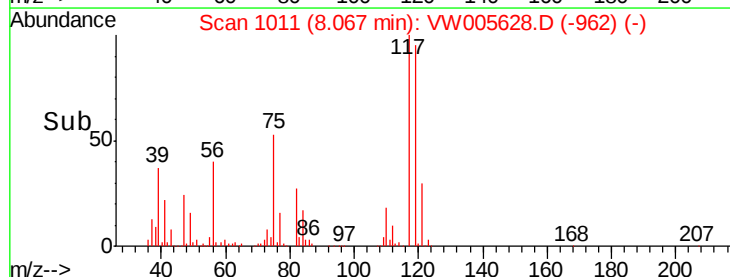
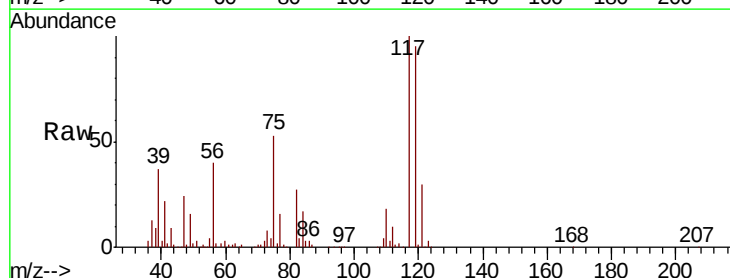
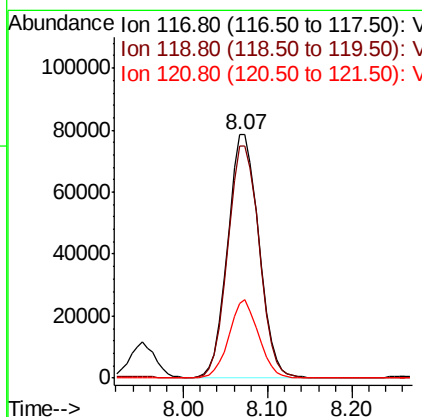
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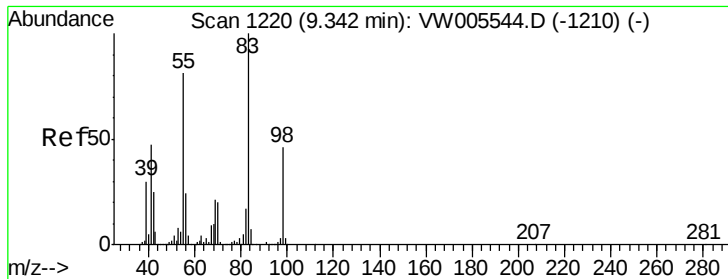
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#38
Carbon Tetrachloride
Concen: 46.321 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW005628.D
Acq: 25 Sep 2018 23:54

Tgt Ion	117	Resp	198095
Ion Ratio	100	Lower	Upper
117	100		
119	95.2	77.6	116.4
121	30.5	25.7	38.5





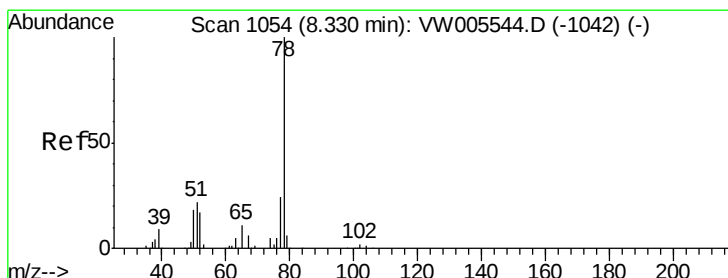
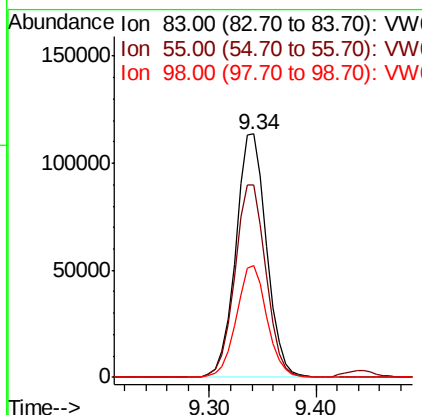
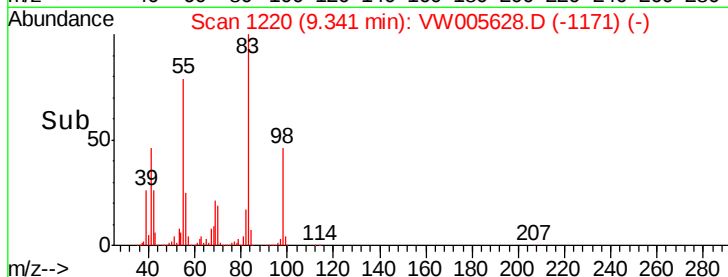
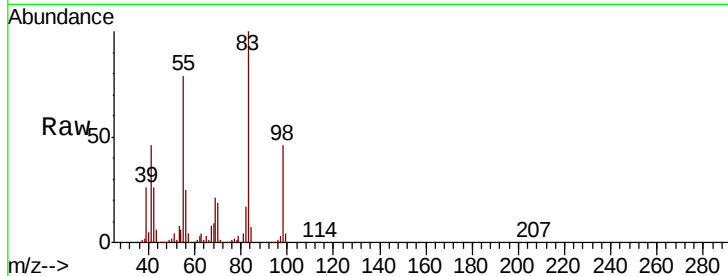
#39
Methvlcvclohexane
Concen: 49.097 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005628.D
Acq: 25 Sep 2018 23:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.0	64.6	97.0
98	45.8	37.0	55.6

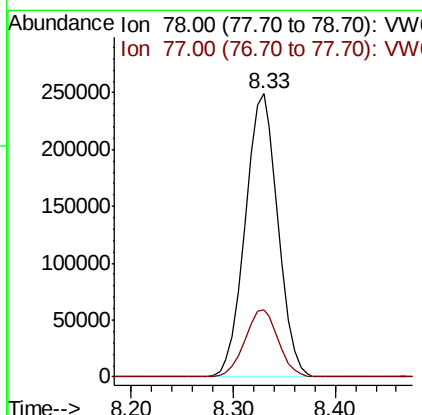
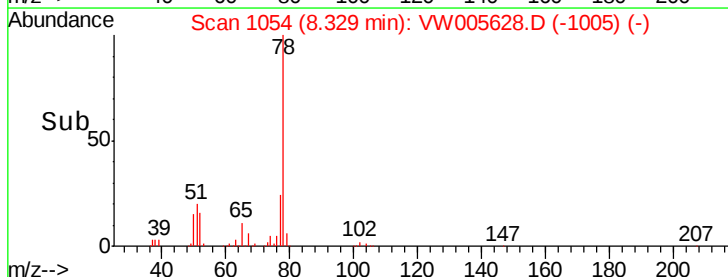
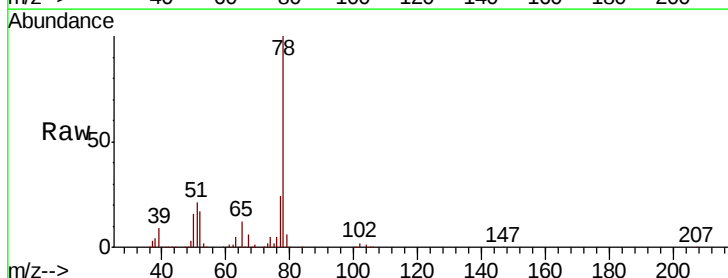
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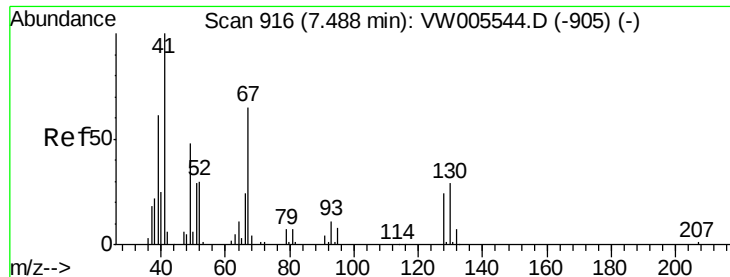
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#40
Benzene
Concen: 48.957 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VW005628.D
Acq: 25 Sep 2018 23:54

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.4





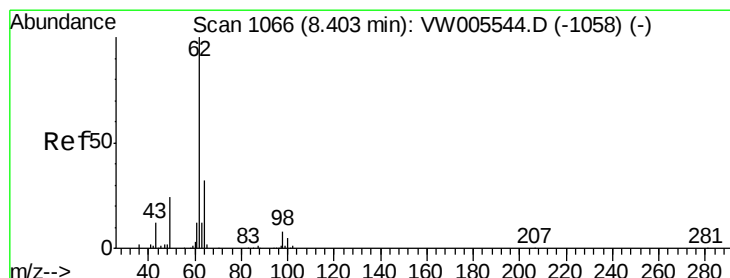
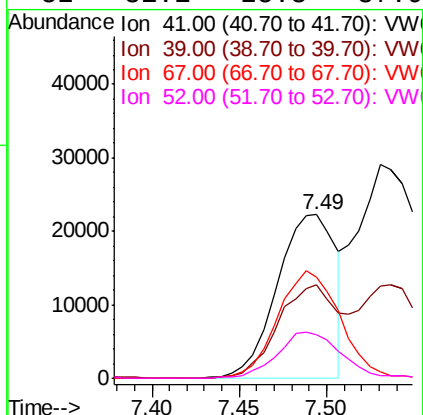
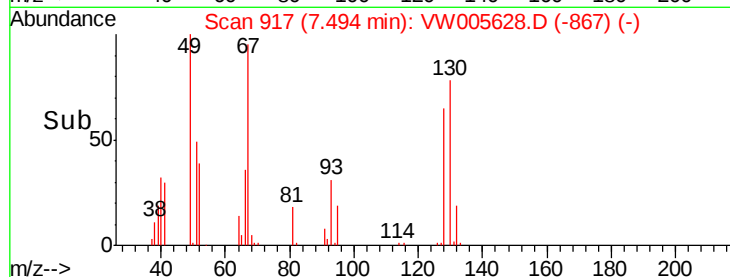
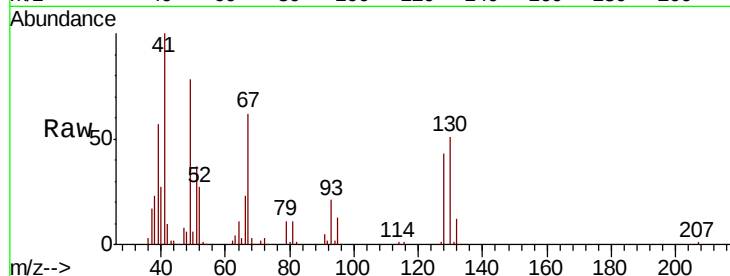
#41
Methacrylonitrile
Concen: 54.392 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW005628.D
Acq: 25 Sep 2018 23:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	61.4	45.4	68.2
67	70.2	55.2	82.8
52	31.1	25.3	37.9

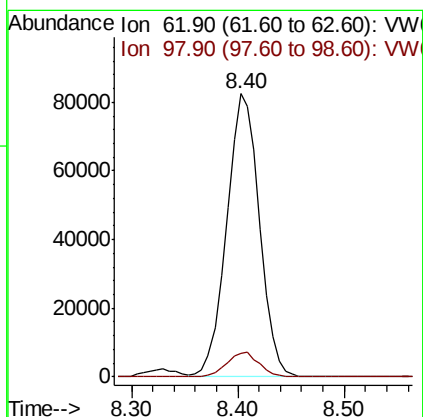
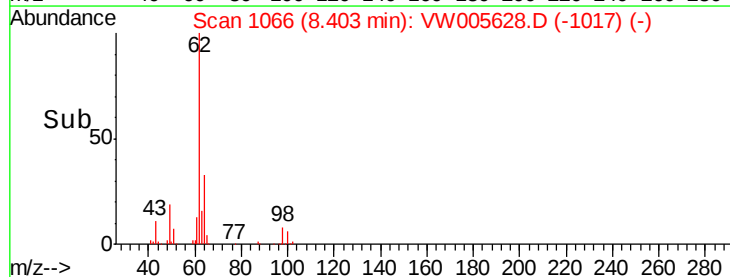
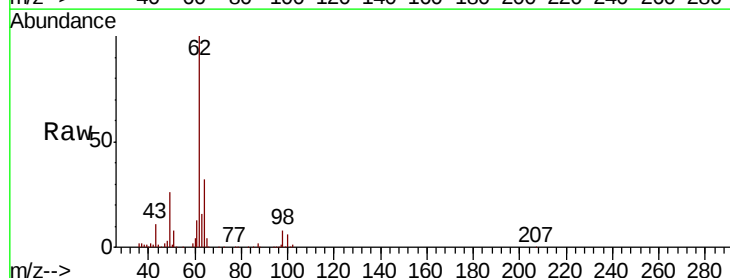
Manual Integrations
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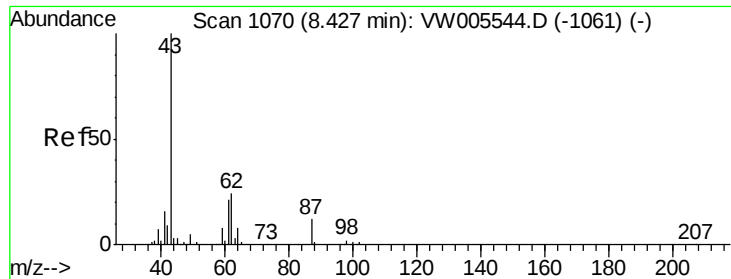
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#42
1,2-Dichloroethane
Concen: 48.993 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW005628.D
Acq: 25 Sep 2018 23:54

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	15.6





#43

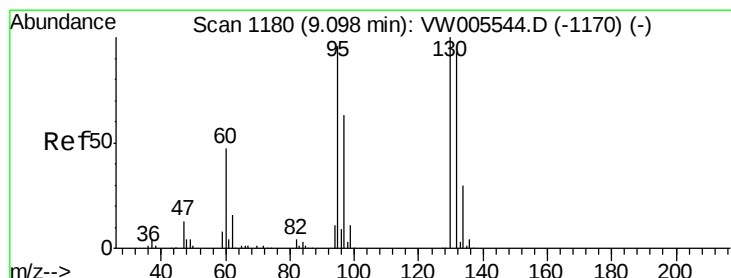
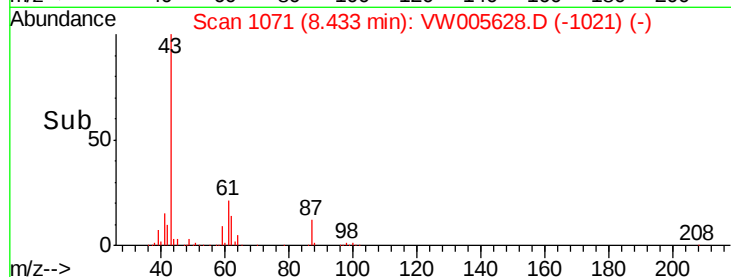
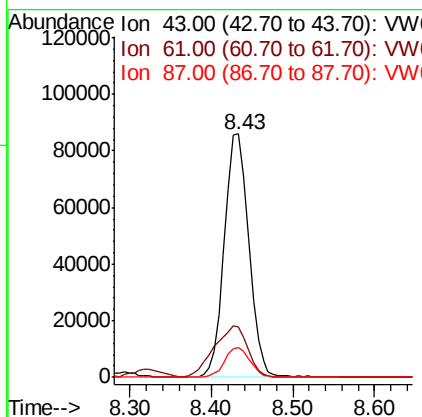
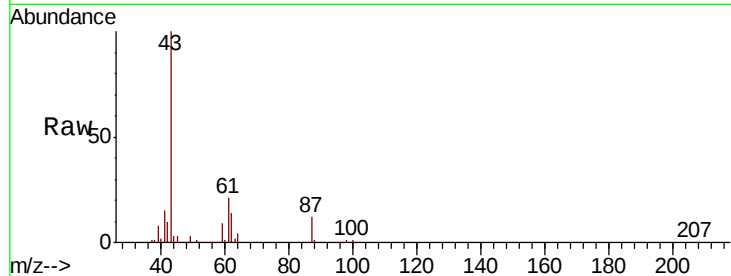
Isopropyl Acetate
 Concen: 53.972 ug/l
 RT: 8.43 min Scan# 1071
 Delta R.T. 0.01 min
 Lab File: VW005628.D
 Acq: 25 Sep 2018 23:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.2	24.1	36.1
87	12.6	9.8	14.8

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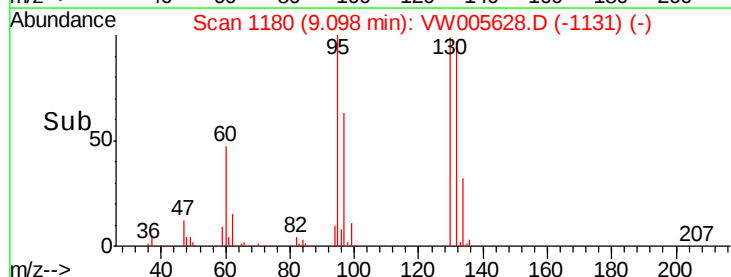
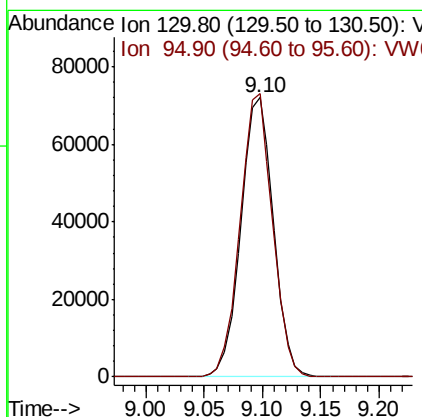
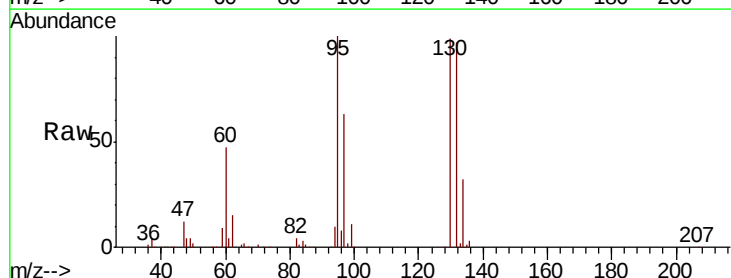
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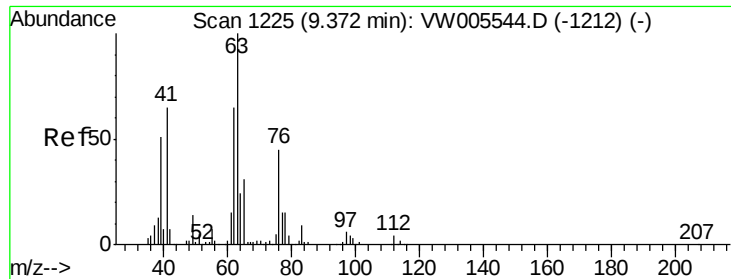


#44

Trichloroethene
 Concen: 48.484 ug/l
 RT: 9.10 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VW005628.D
 Acq: 25 Sep 2018 23:54

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.4	0.0	191.2





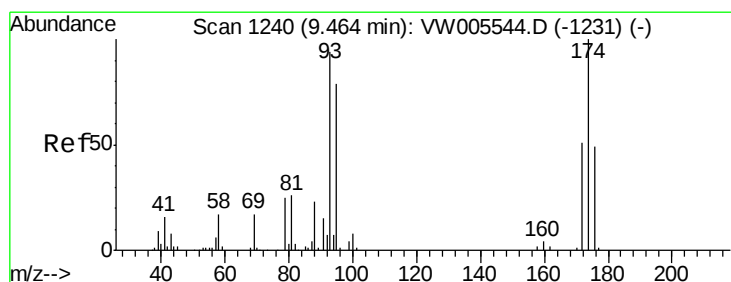
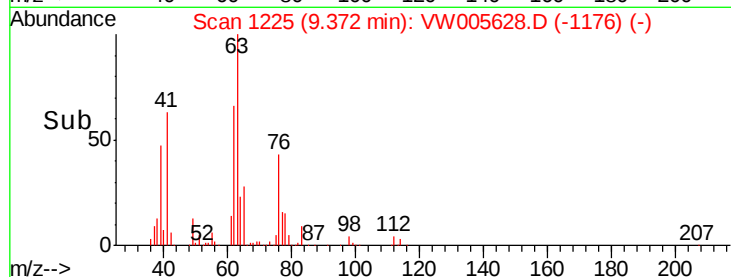
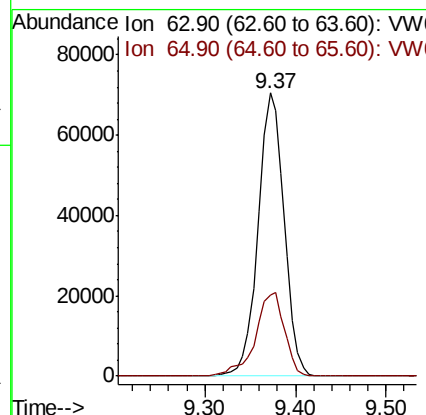
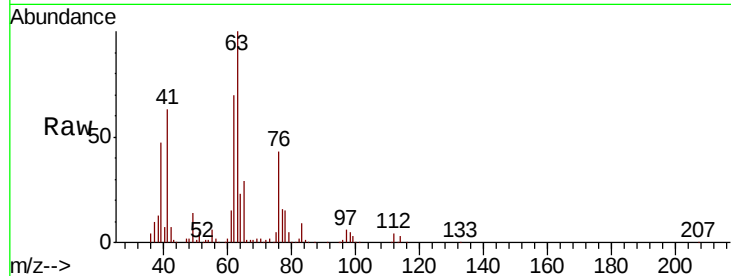
#45
 1,2-Dichloropropane
 Concen: 50.304 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW005628.D
 Acq: 25 Sep 2018 23:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 139939
 Ion Ratio Lower Upper
 63 100
 65 28.8 24.7 37.1

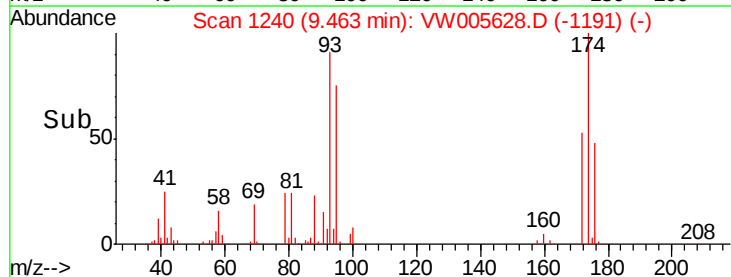
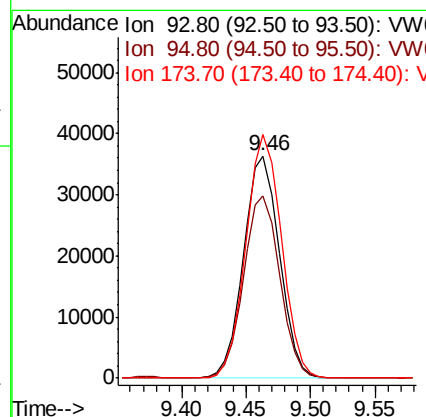
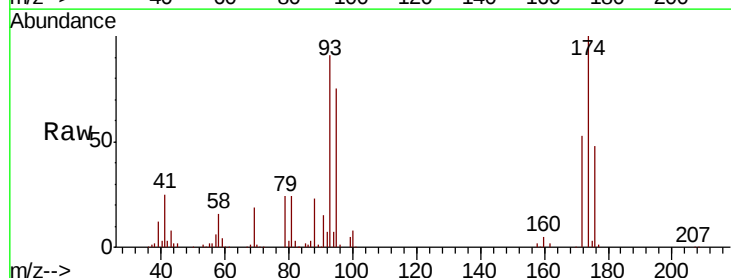
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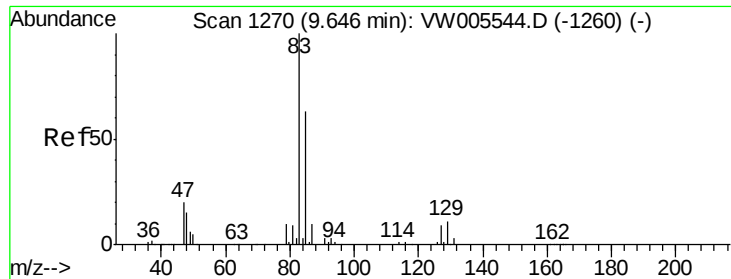
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#46
 Dibromomethane
 Concen: 50.364 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005628.D
 Acq: 25 Sep 2018 23:54

Tgt Ion: 93 Resp: 70004
 Ion Ratio Lower Upper
 93 100
 95 83.0 65.8 98.8
 174 109.2 84.0 126.0





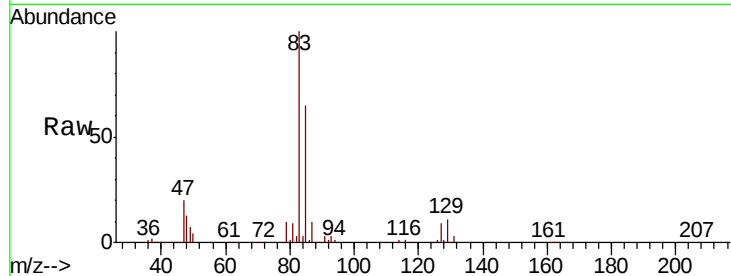
#47
Bromodichloromethane
Concen: 50.137 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW005628.D
Acq: 25 Sep 2018 23:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

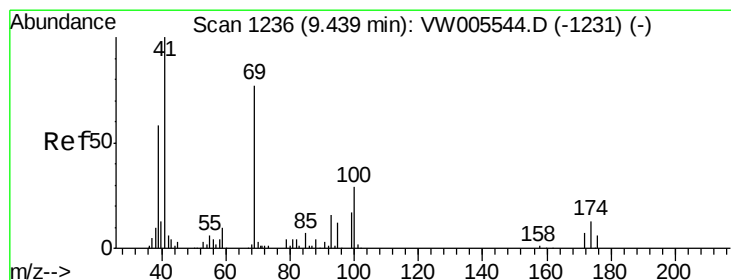
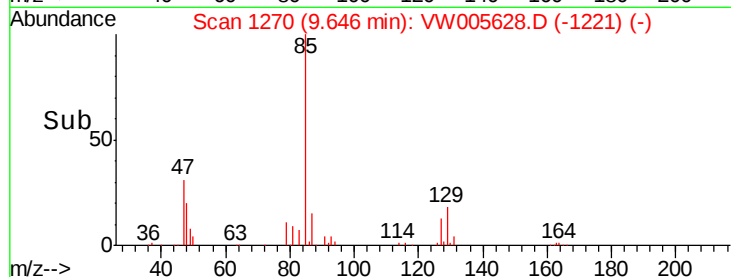
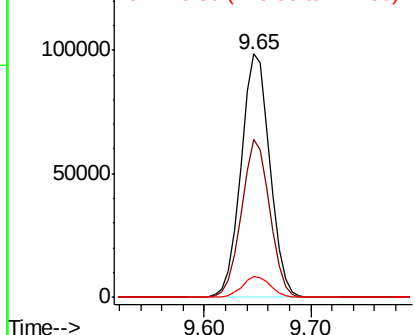
Tot Ion	Ratio	Resp	Lower	Upper
83	100	187205		
85	64.6	50.5	75.7	
127	8.6	7.0	10.6	

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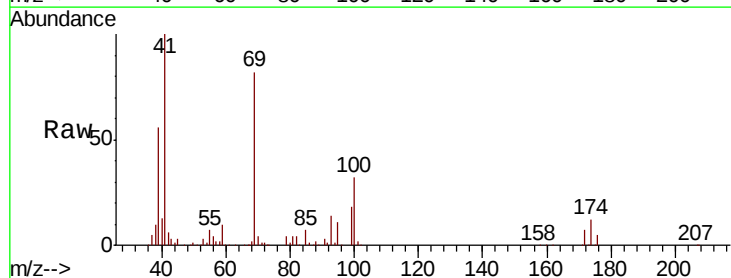


Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): V

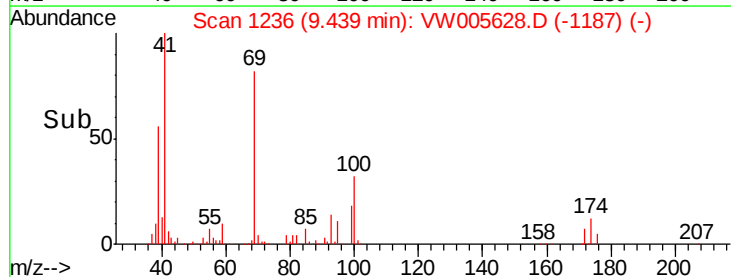
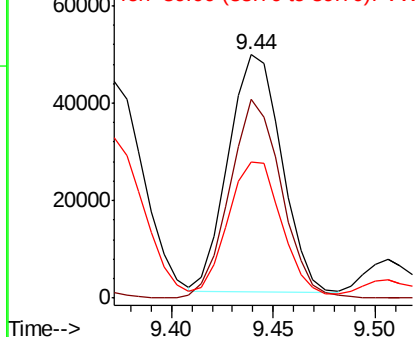


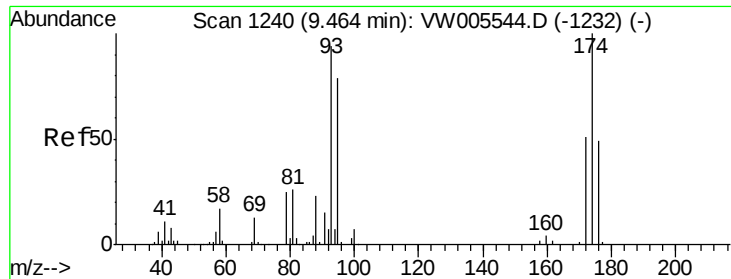
#48
Methyl methacrylate
Concen: 56.311 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW005628.D
Acq: 25 Sep 2018 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	88316		
69	81.4	64.7	97.1	
39	54.8	50.5	75.7	



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





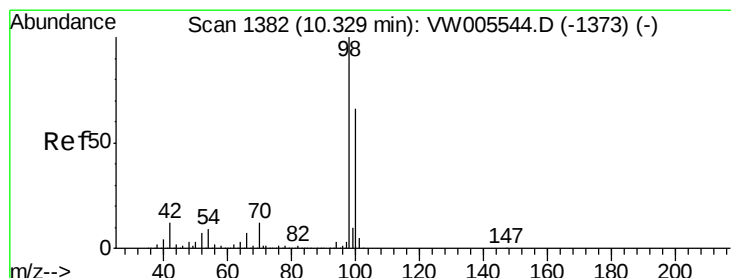
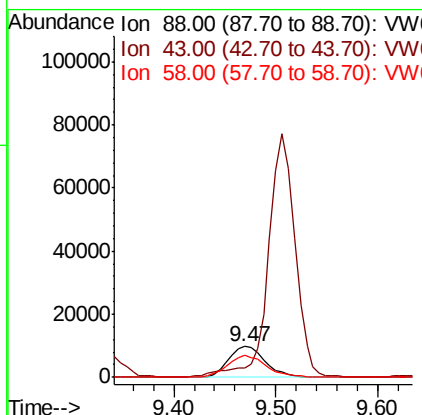
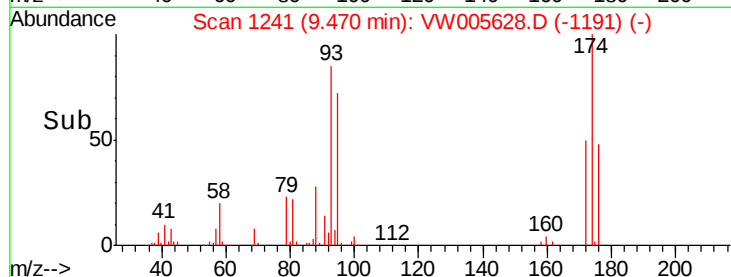
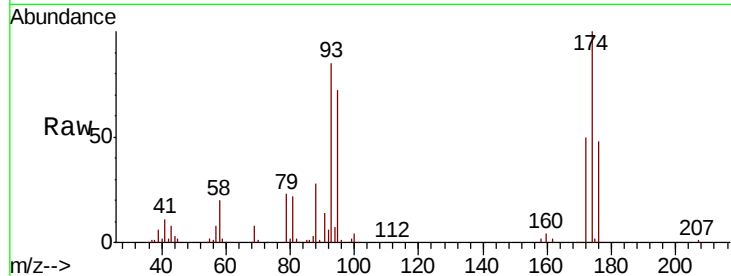
#49
1,4-Dioxane
Concen: 1111.373 ug/l
RT: 9.47 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VW005628.D
Acq: 25 Sep 2018 23:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	75.8	61.2	91.8

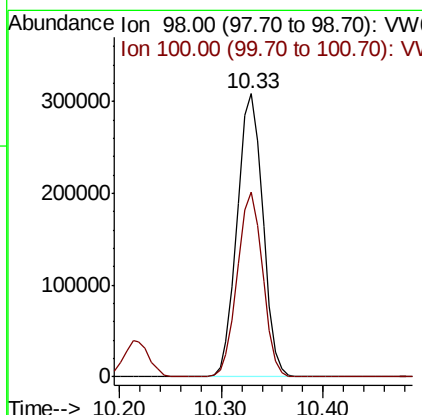
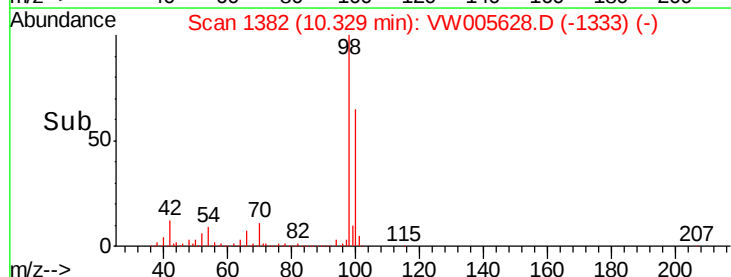
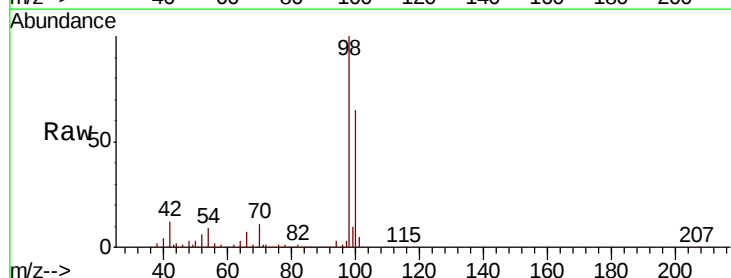
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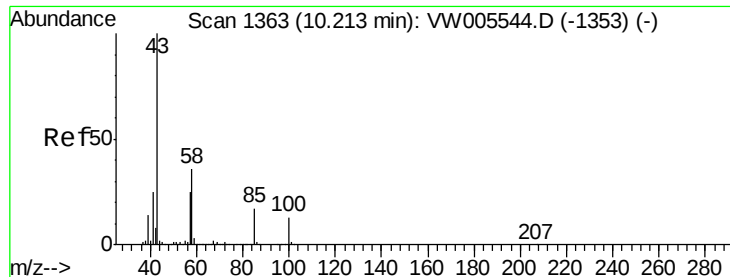
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#50
Toluene-d8
Concen: 52.922 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005628.D
Acq: 25 Sep 2018 23:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 287.476 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW005628.D

Acq: 25 Sep 2018 23:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 478096

Ion Ratio Lower Upper

43 100

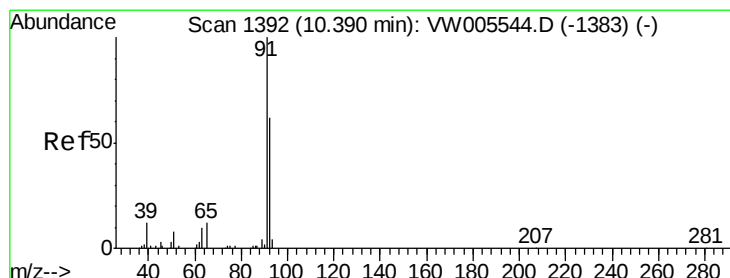
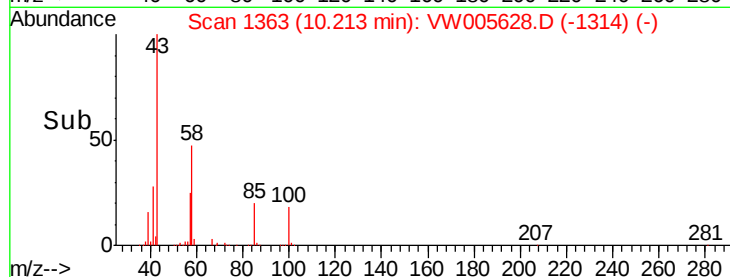
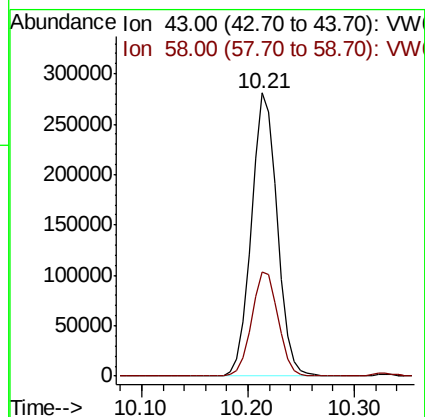
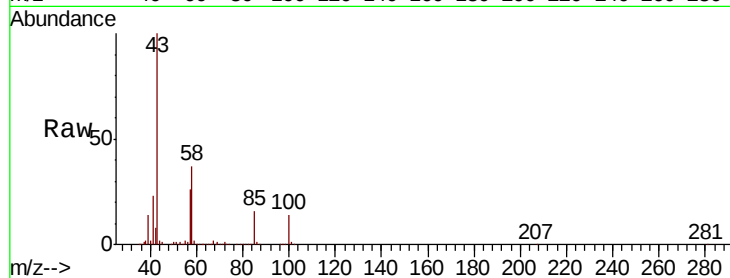
58 37.9 30.0 45.0

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#52

Toluene

Concen: 51.457 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW005628.D

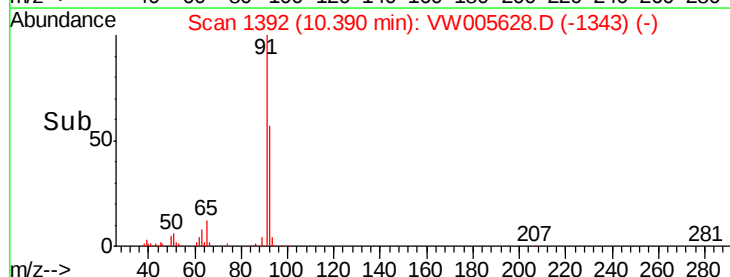
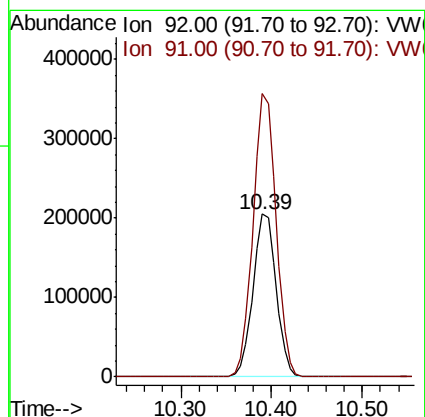
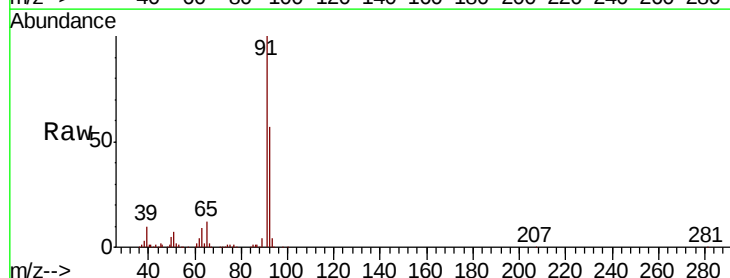
Acq: 25 Sep 2018 23:54

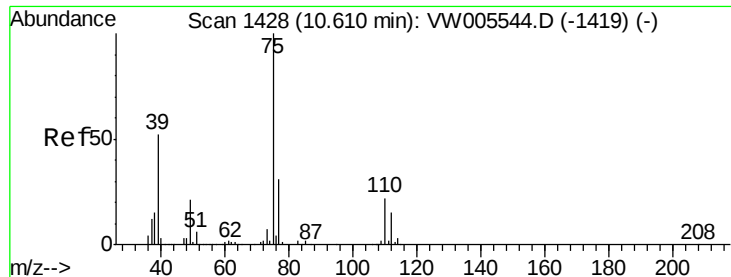
Tgt Ion: 92 Resp: 363055

Ion Ratio Lower Upper

92 100

91 173.5 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 52.480 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005628.D

Acq: 25 Sep 2018 23:54

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 75 Resp: 196442

Ion Ratio Lower Upper

75 100

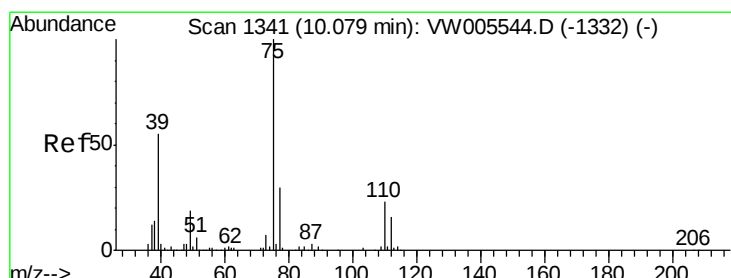
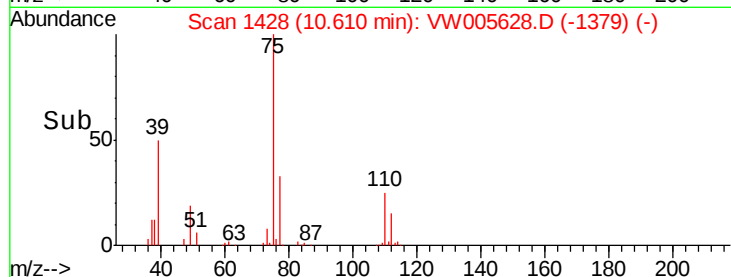
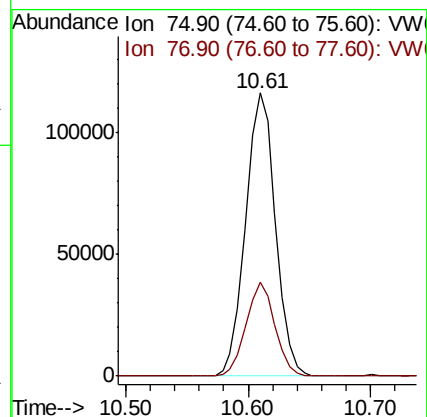
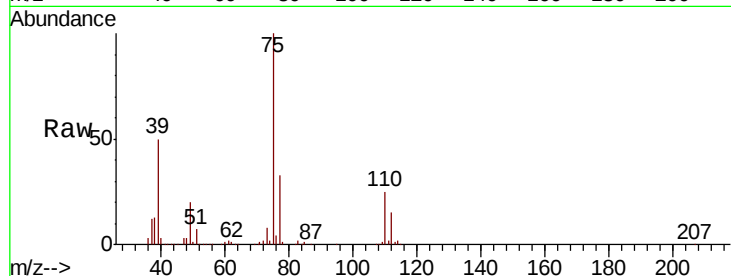
77 33.1 24.6 37.0

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#54

cis-1,3-Dichloropropene

Concen: 52.316 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005628.D

Acq: 25 Sep 2018 23:54

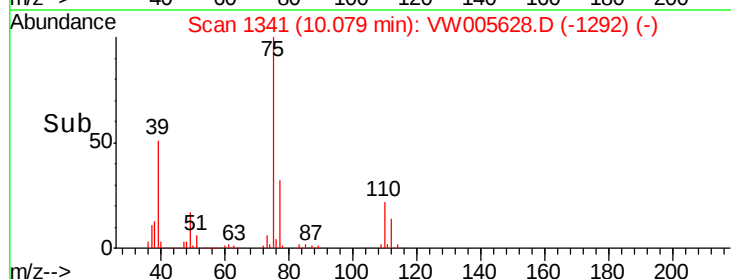
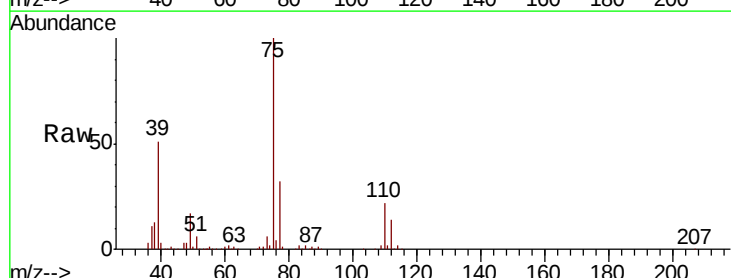
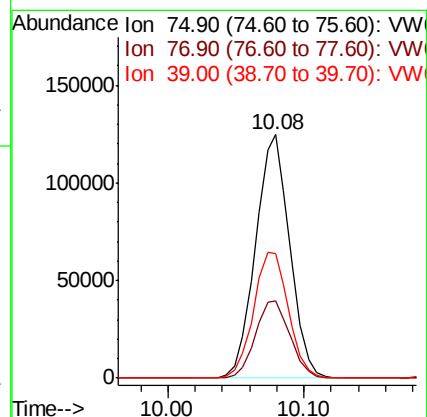
Tgt Ion: 75 Resp: 219410

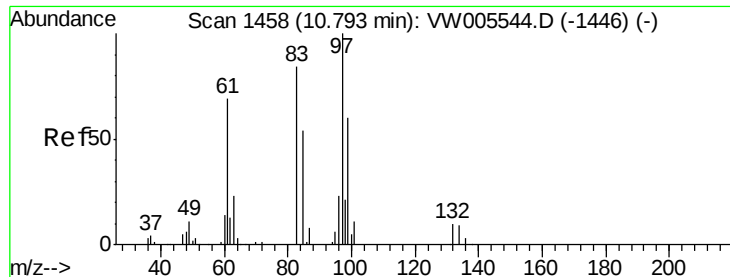
Ion Ratio Lower Upper

75 100

77 31.8 24.3 36.5

39 51.0 43.7 65.5





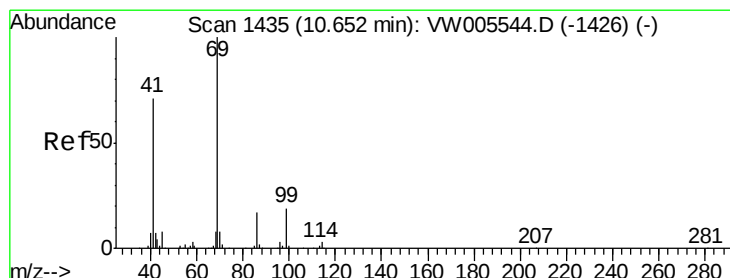
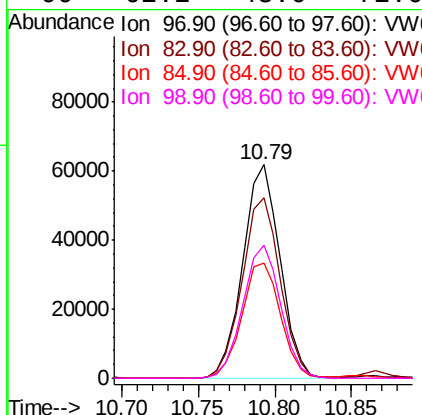
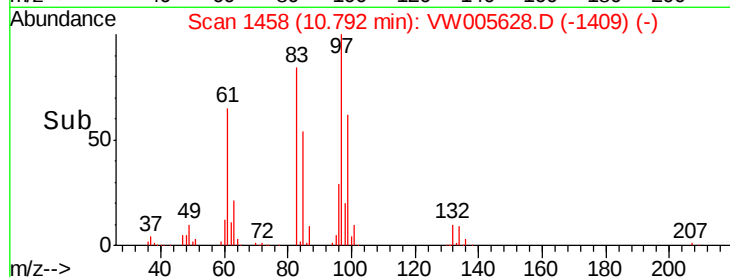
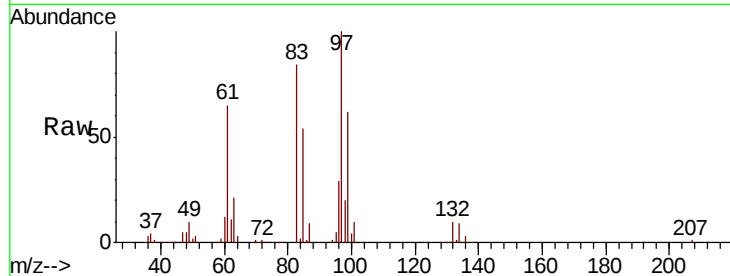
#55
 1,1,2-Trichloroethane
 Concen: 53.143 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: VW005628.D
 Acq: 25 Sep 2018 23:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	104853
Ion	Ratio	Lower	Upper
97	100		
83	84.4	67.4	101.2
85	54.1	43.3	64.9
99	62.2	48.0	72.0

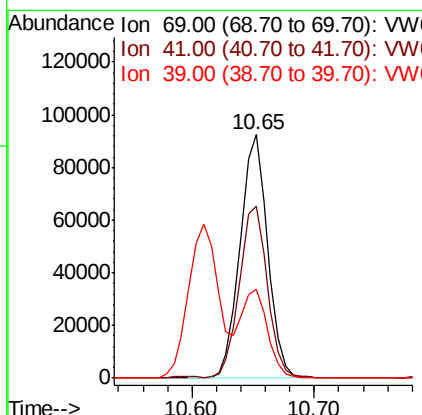
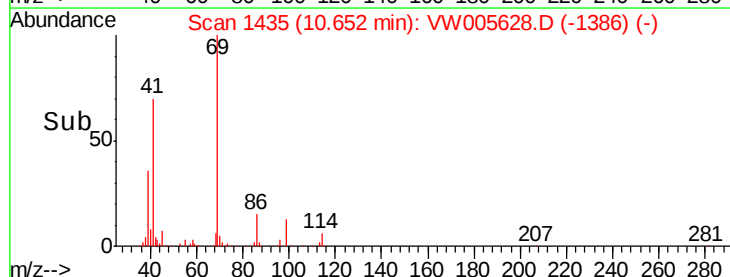
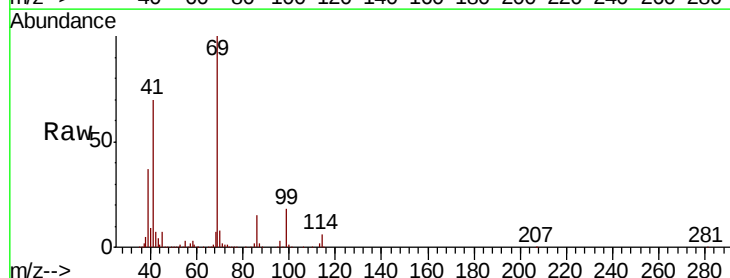
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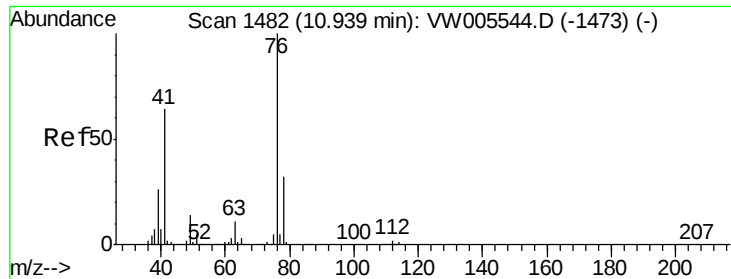
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#56
 Ethyl methacrylate
 Concen: 59.244 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. -0.00 min
 Lab File: VW005628.D
 Acq: 25 Sep 2018 23:54

Tgt Ion:	69	Resp:	144295
Ion	Ratio	Lower	Upper
69	100		
41	71.8	57.3	85.9
39	34.1	29.2	43.8





#57

1,3-Dichloropropane

Concen: 53.325 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VW005628.D

Acq: 25 Sep 2018 23:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 186469

Ion Ratio Lower Upper

76 100

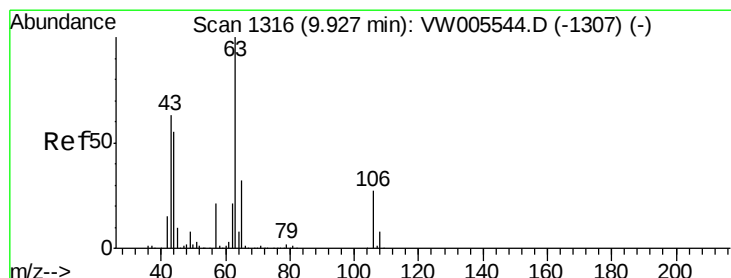
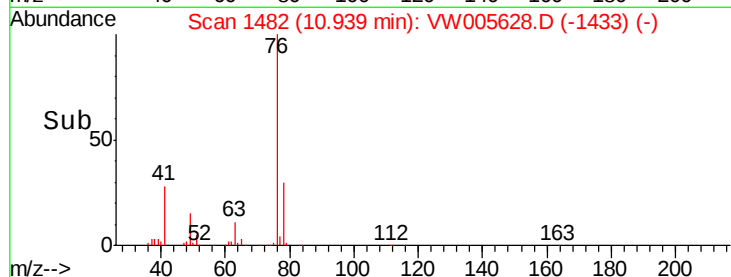
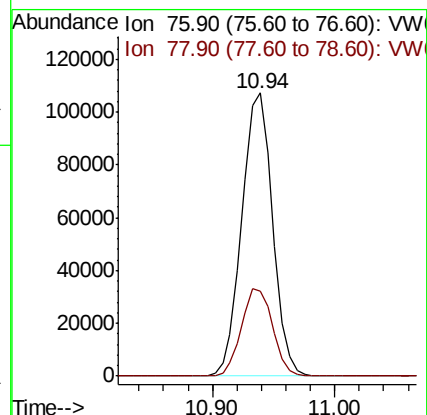
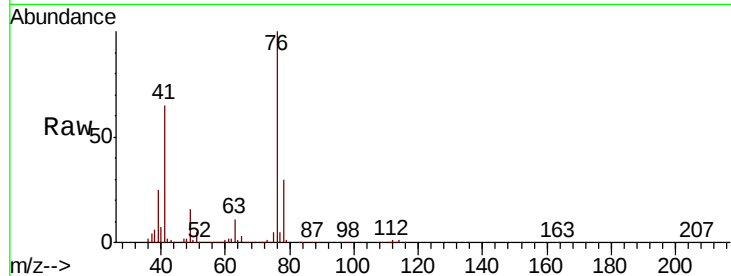
78 31.5 25.6 38.4

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#58

2-Chloroethyl Vinyl ether

Concen: 287.836 ug/l

RT: 9.93 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VW005628.D

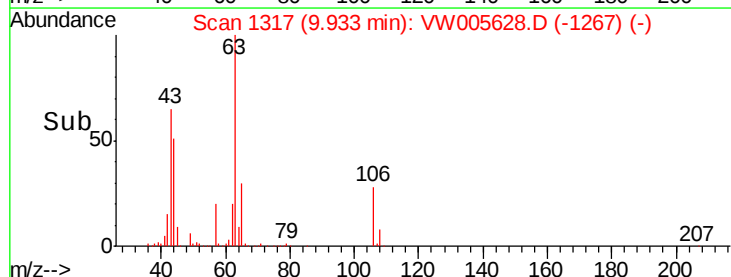
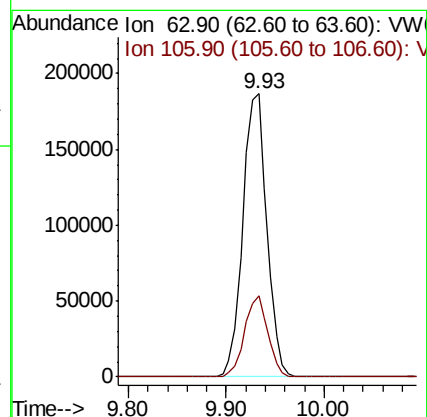
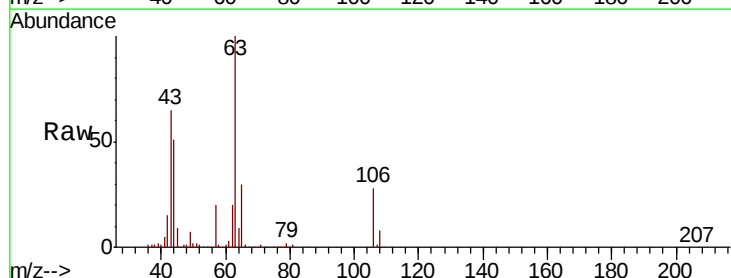
Acq: 25 Sep 2018 23:54

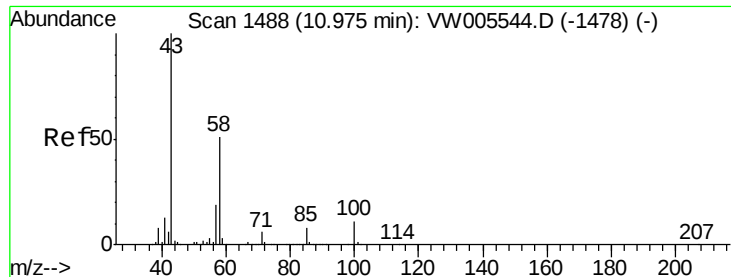
Tgt Ion: 63 Resp: 317795

Ion Ratio Lower Upper

63 100

106 27.8 21.6 32.4





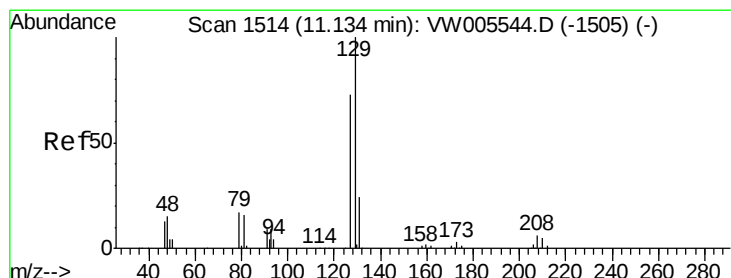
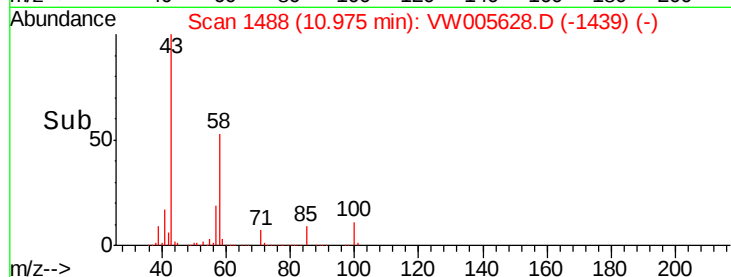
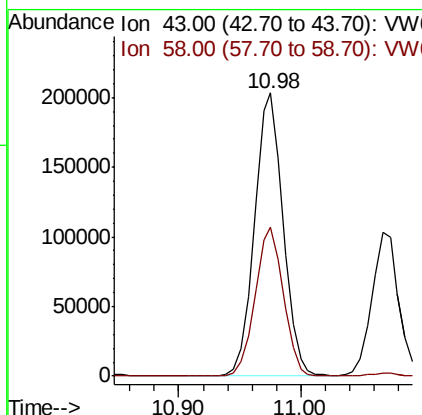
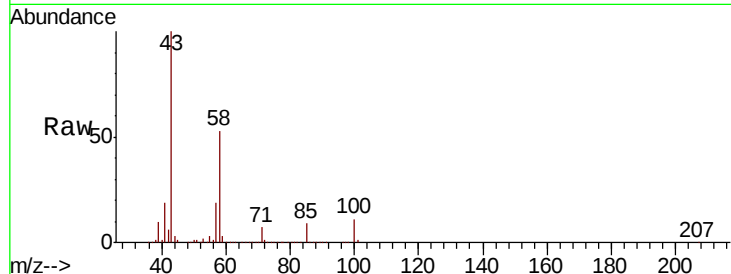
#59
2-Hexanone
Concen: 293.038 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005628.D
Acq: 25 Sep 2018 23:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	331068
Ion Ratio	43	100	
Lower	58	52.1	25.3
Upper			75.9

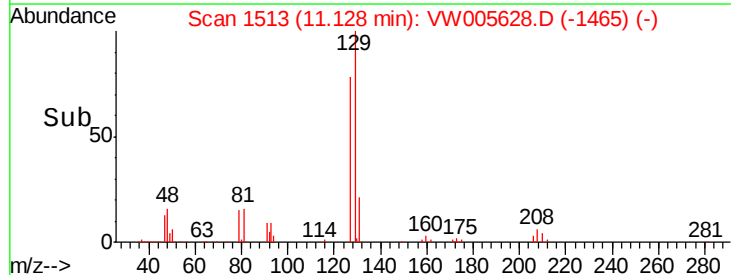
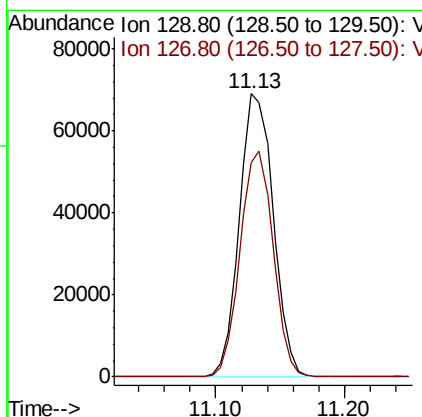
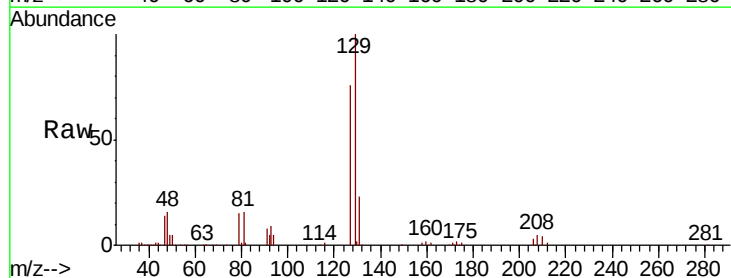
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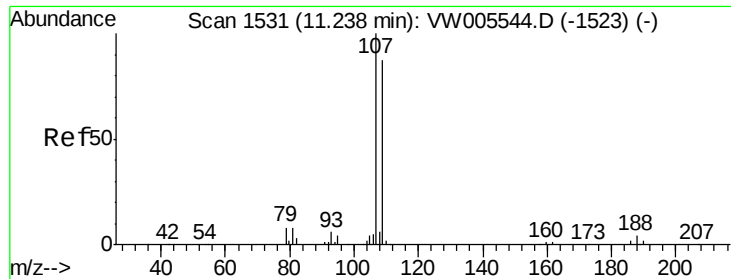
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#60
Dibromochloromethane
Concen: 52.831 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW005628.D
Acq: 25 Sep 2018 23:54

Tgt Ion	129	Resp	125947
Ion Ratio	129	100	
Lower	127	77.5	38.5
Upper			115.5





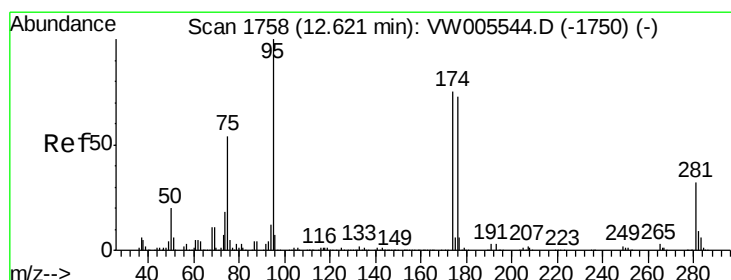
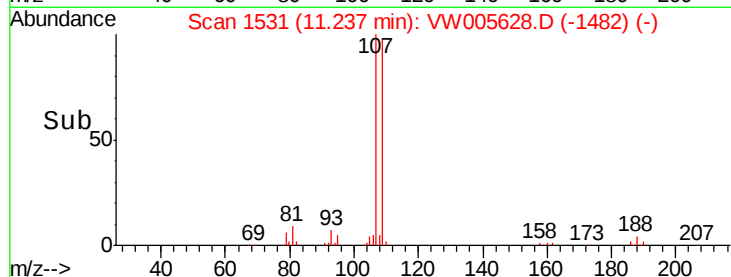
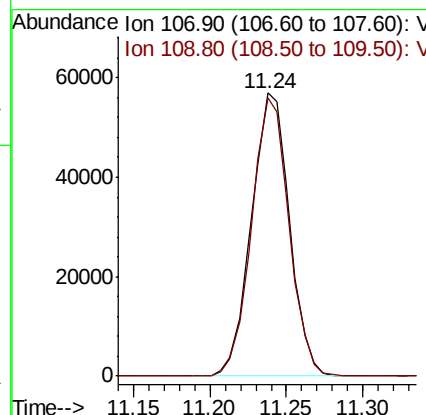
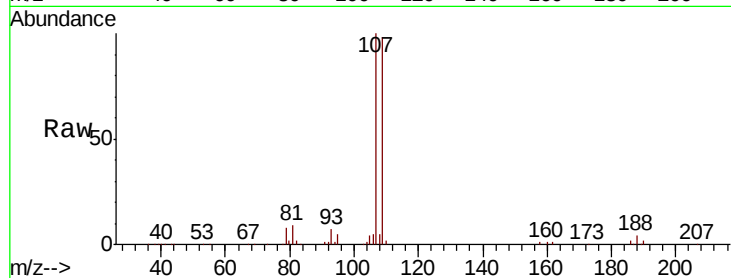
#61
 1,2-Dibromoethane
 Concen: 53.513 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW005628.D
 Acq: 25 Sep 2018 23:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 107 Resp: 98442
 Ion Ratio Lower Upper
 107 100
 109 96.7 73.4 110.0

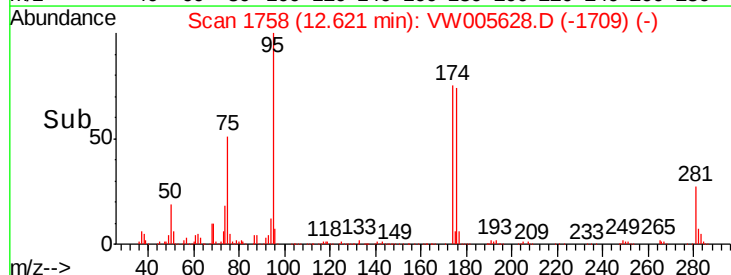
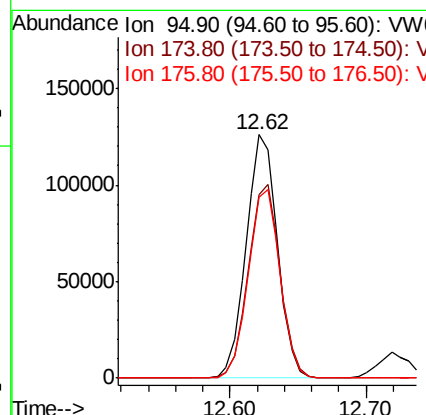
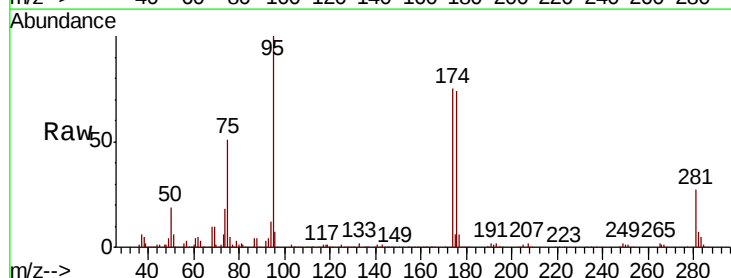
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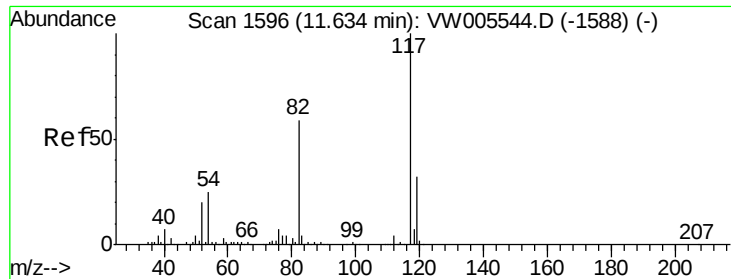
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#62
 4-Bromofluorobenzene
 Concen: 53.956 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW005628.D
 Acq: 25 Sep 2018 23:54

Tgt Ion: 95 Resp: 202673
 Ion Ratio Lower Upper
 95 100
 174 80.9 0.0 163.8
 176 78.7 0.0 158.0





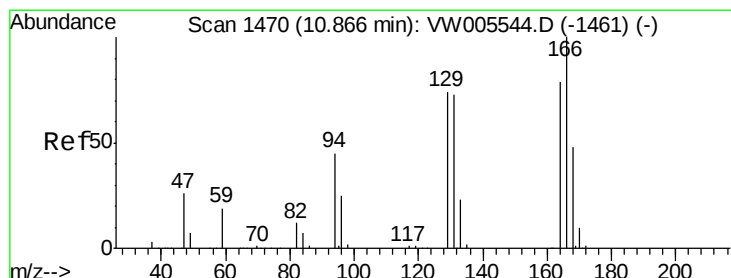
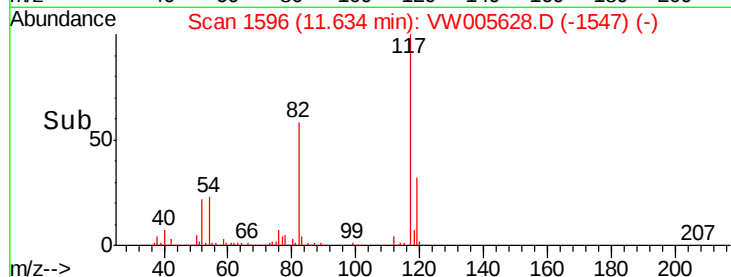
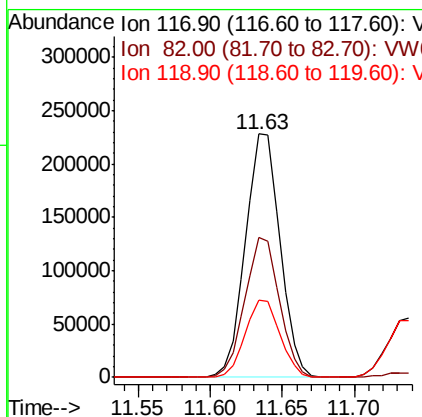
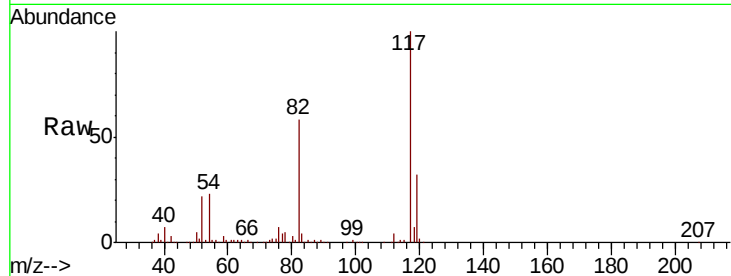
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005628.D
Acq: 25 Sep 2018 23:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	379816		
82	57.5	46.9	70.3	
119	31.6	25.7	38.5	

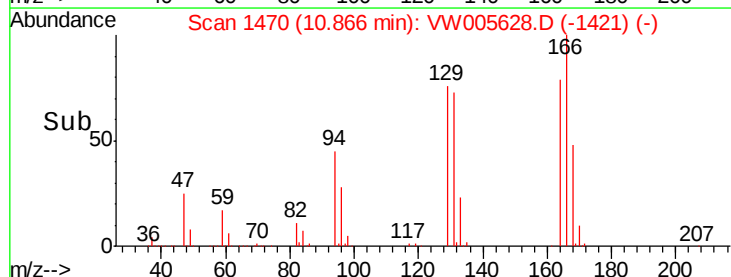
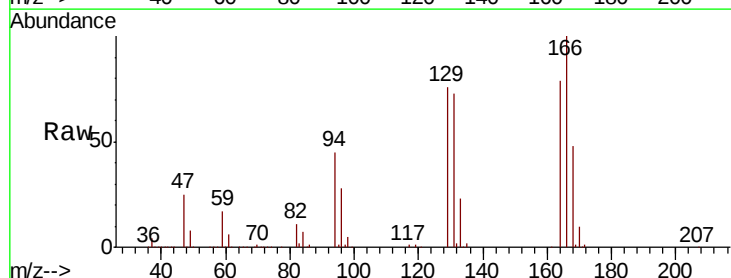
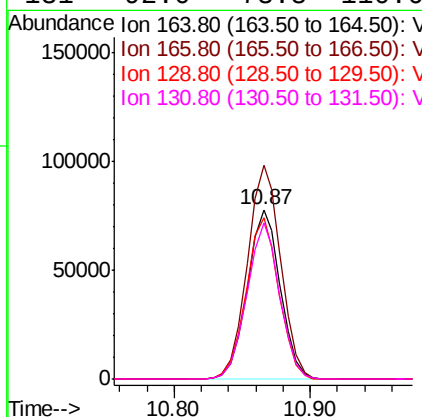
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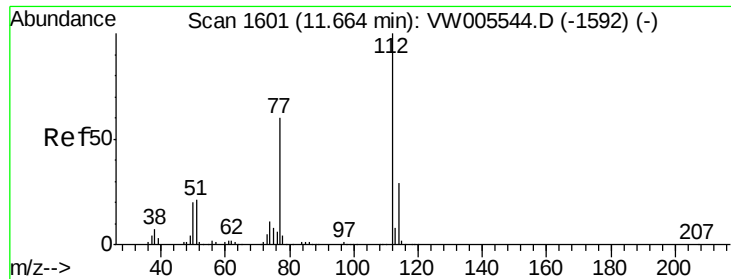
apatel
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#64
Tetrachloroethene
Concen: 48.728 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005628.D
Acq: 25 Sep 2018 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	131356		
166	126.0	101.1	151.7	
129	95.5	74.4	111.6	
131	92.0	73.8	110.6	





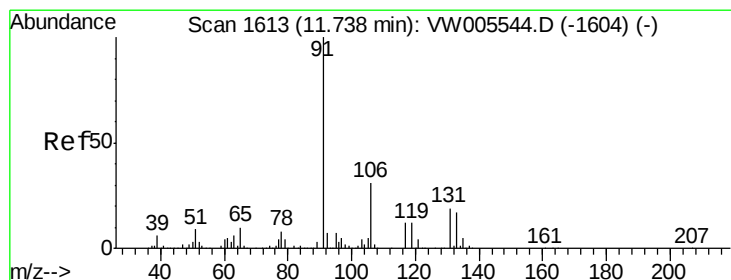
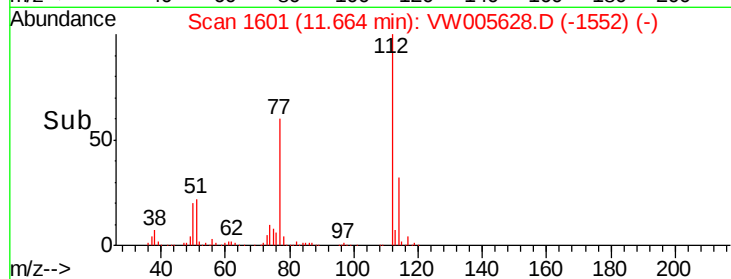
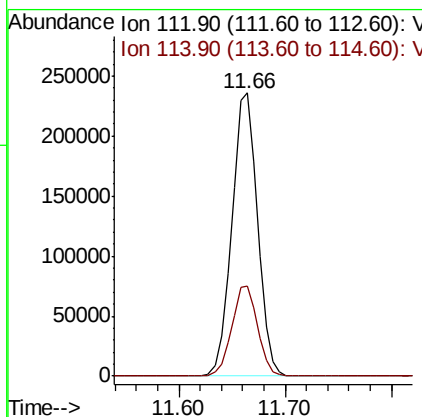
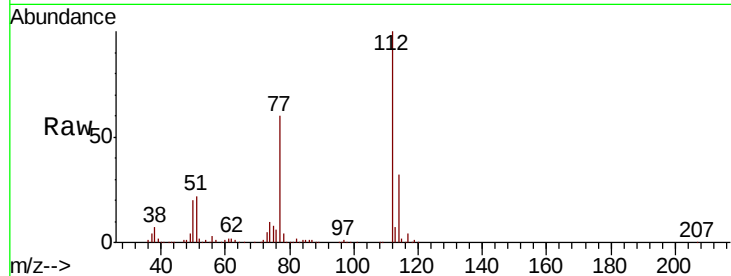
#65
Chlorobenzene
Concen: 49.350 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005628.D
Acq: 25 Sep 2018 23:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.9	34.3

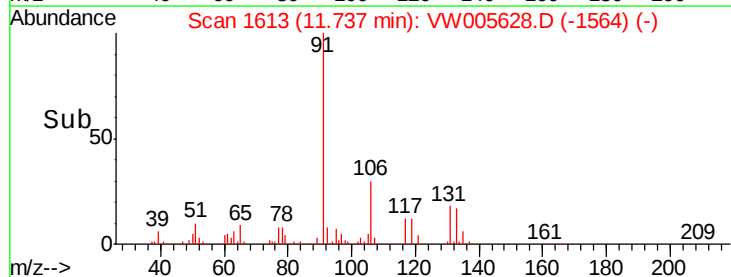
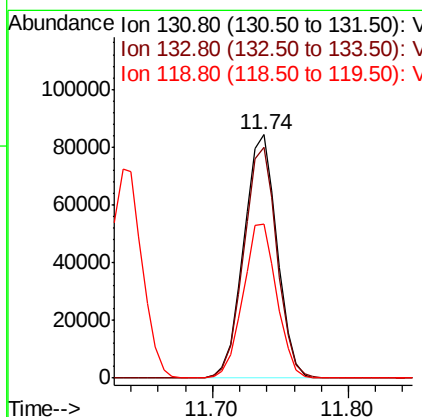
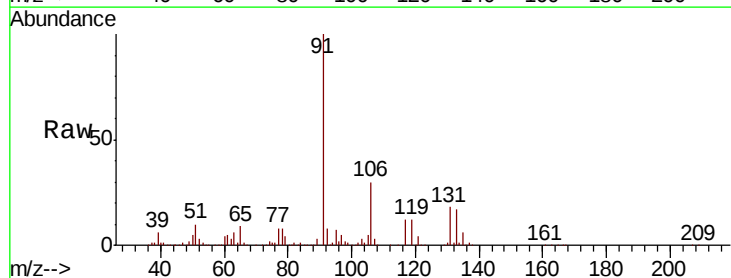
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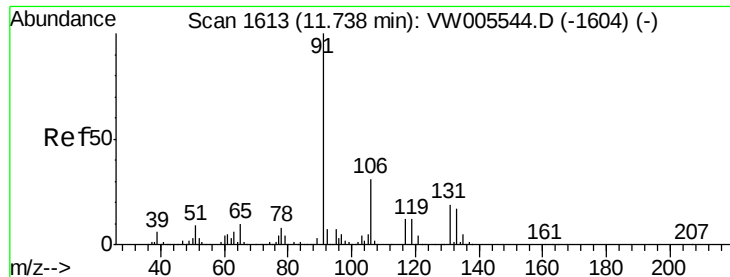
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.643 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005628.D
Acq: 25 Sep 2018 23:54

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.8	47.2	141.6
119	63.9	31.1	93.2





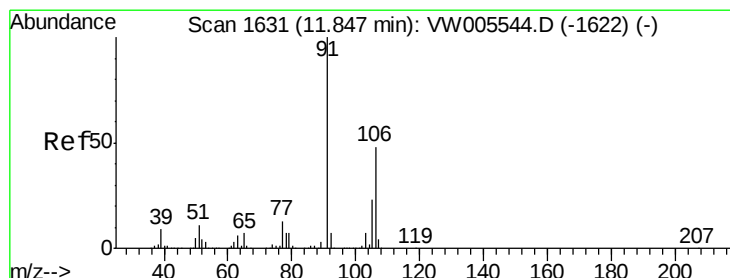
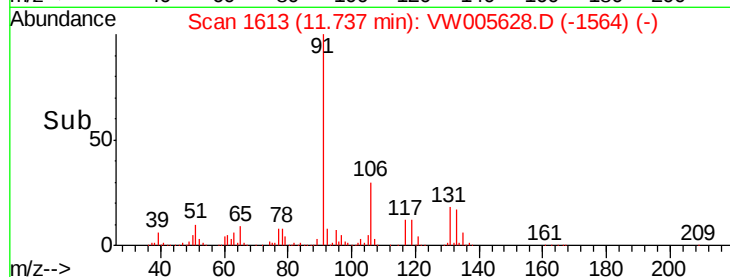
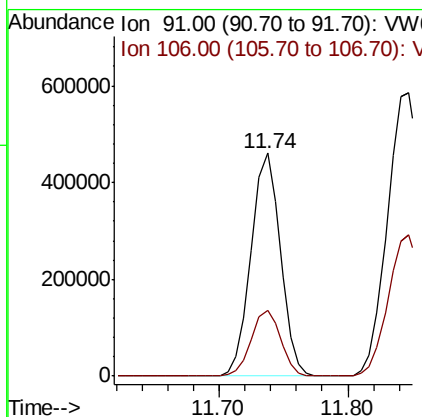
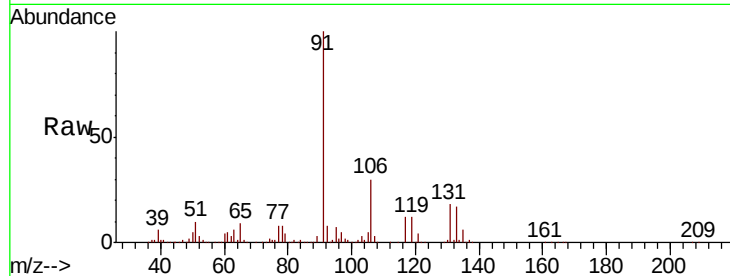
#67
Ethyl Benzene
Concen: 50.634 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005628.D
Acq: 25 Sep 2018 23:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
106	29.7	24.4	36.6

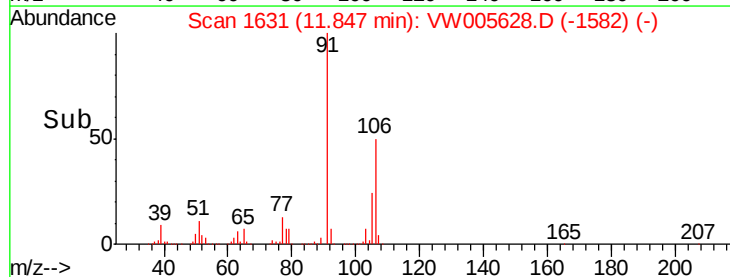
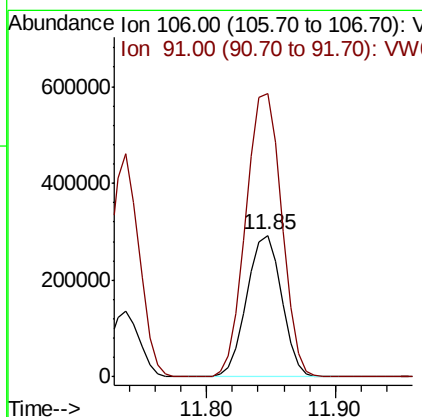
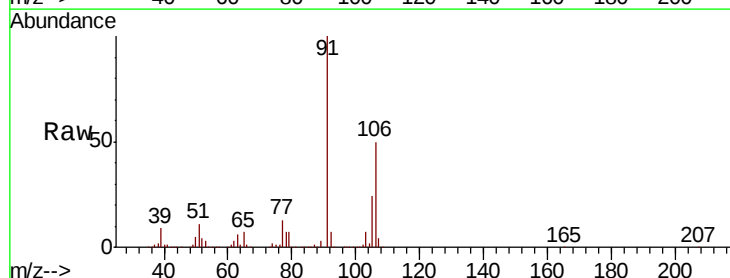
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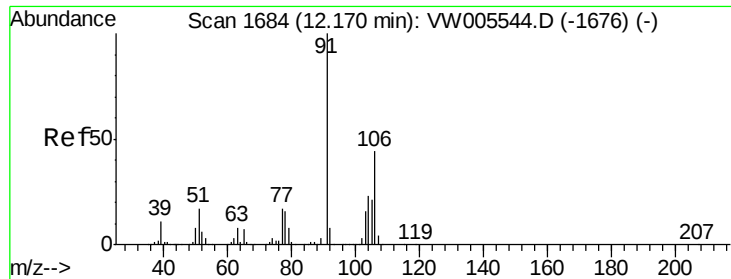
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#68
m/p-Xylenes
Concen: 101.516 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VW005628.D
Acq: 25 Sep 2018 23:54

Tgt Ion	Ratio	Lower	Upper
106	100		
91	205.4	167.8	251.8





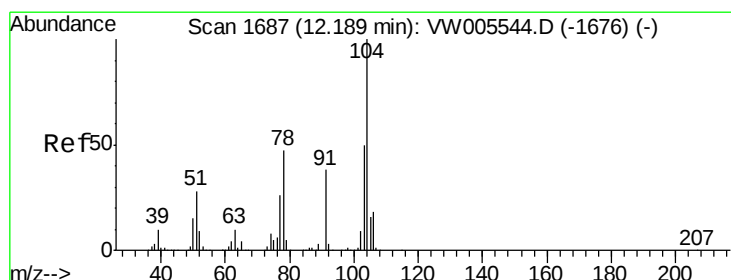
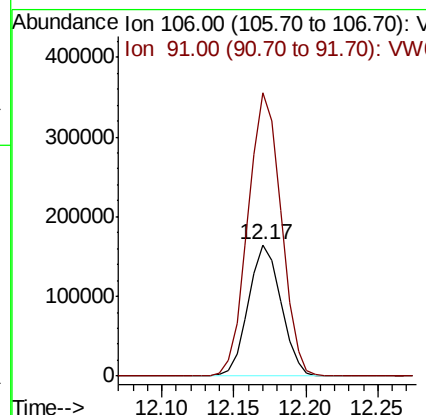
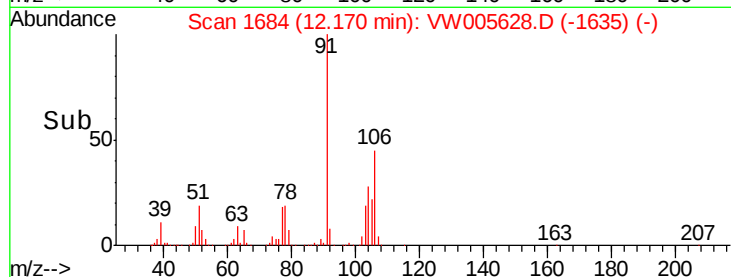
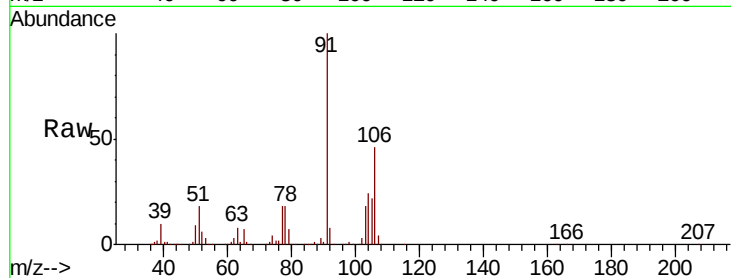
#69
o-Xylene
Concen: 51.192 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005628.D
Acq: 25 Sep 2018 23:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	259235		
91	91	218.7	111.0	333.0	

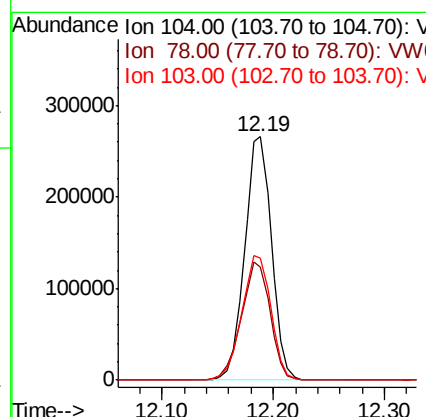
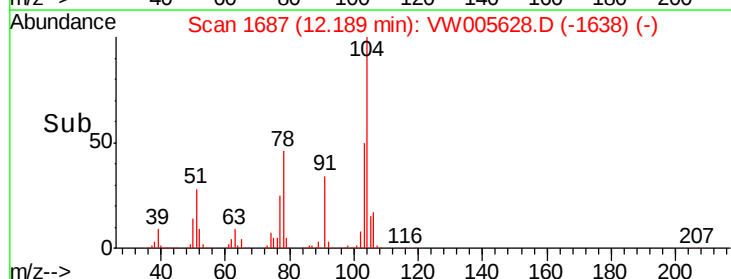
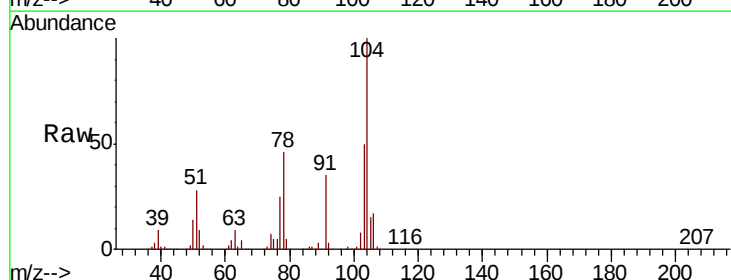
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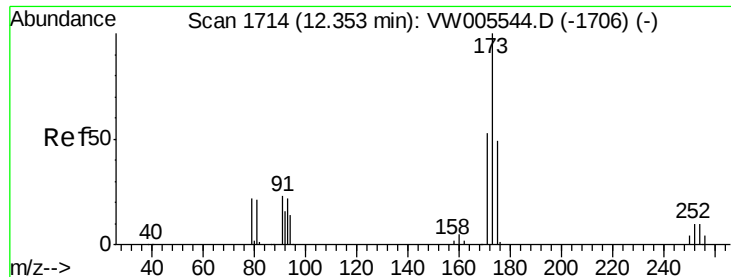
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#70
Styrene
Concen: 52.002 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005628.D
Acq: 25 Sep 2018 23:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	443168		
78	78	52.1	42.2	63.4	
103	103	55.6	44.6	66.8	





#71

Bromoform

Concen: 52.053 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005628.D

Acq: 25 Sep 2018 23:54

Instrument :

MSVOA_W

ClientSampleId :

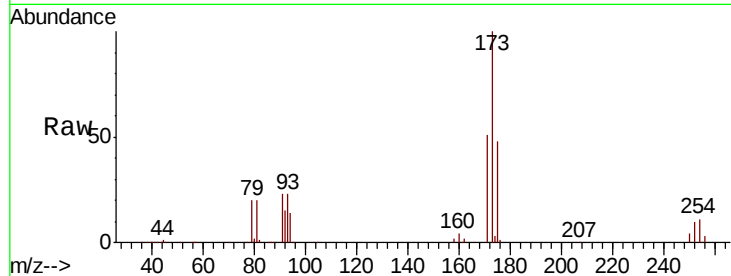
VSTDCCC050

Tot Ion:	173	Resp:	80182
Ion Ratio	Lower	Upper	
173	100		
175	48.2	24.3	72.9
254	0.1	0.1	0.1

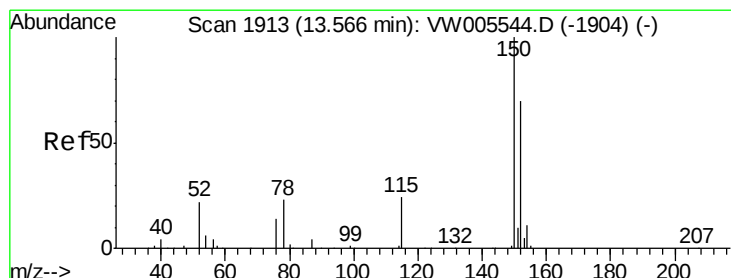
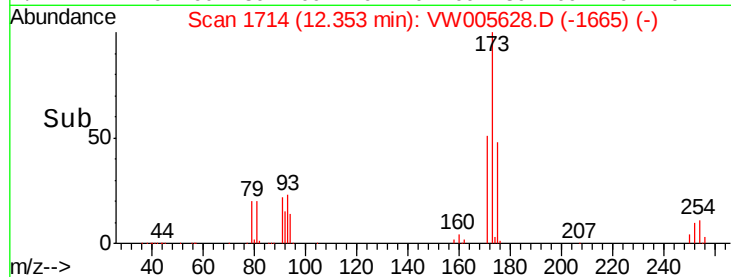
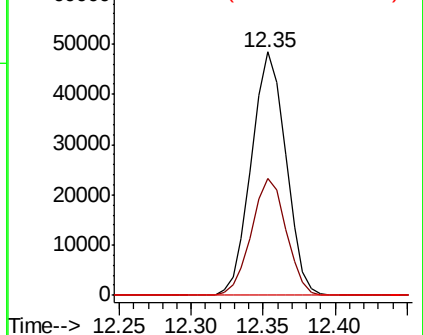
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

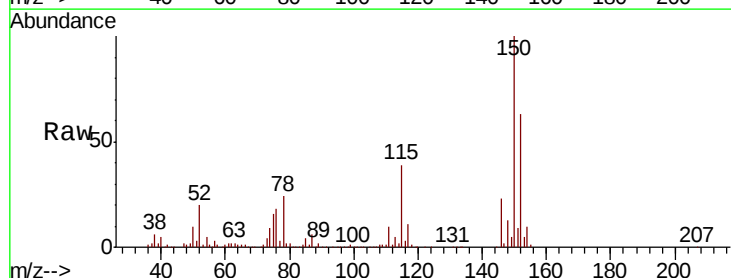
RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

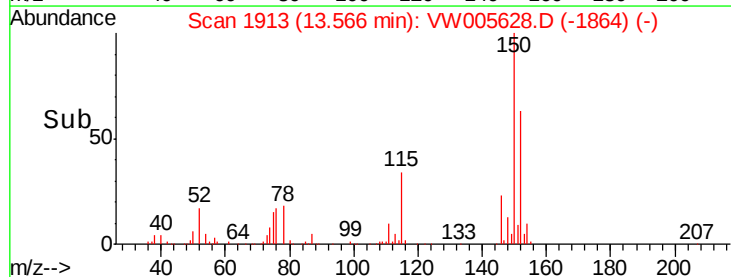
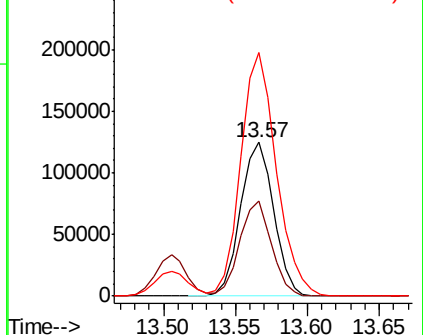
Lab File: VW005628.D

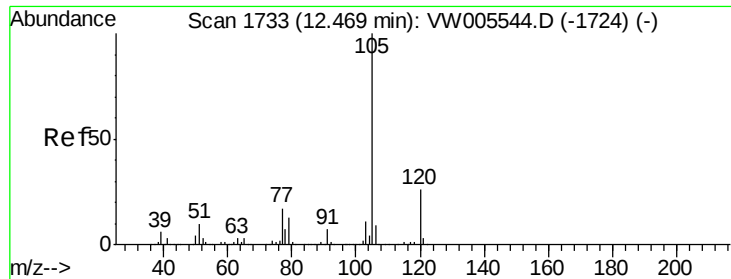
Acq: 25 Sep 2018 23:54

Tgt Ion:	152	Resp:	198405
Ion Ratio	Lower	Upper	
152	100		
115	59.6	30.0	90.0
150	170.3	0.0	348.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.543 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005628.D

Acq: 25 Sep 2018 23:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 736687

Ion Ratio Lower Upper

105 100

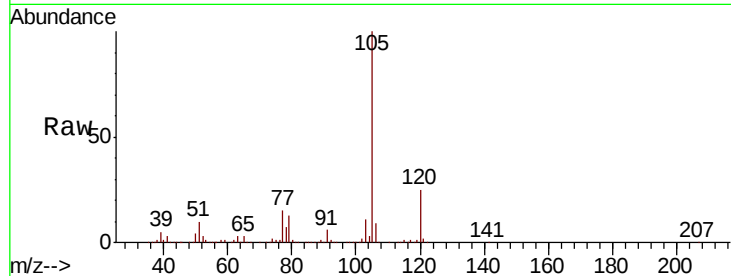
120 25.4 12.9 38.7

Manual Integrations

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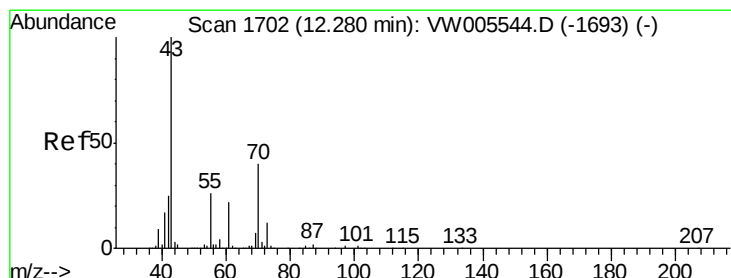
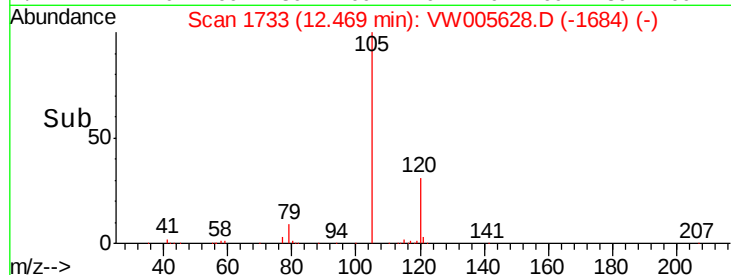
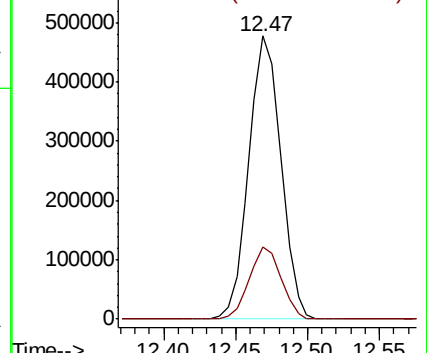
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 57.691 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005628.D

Acq: 25 Sep 2018 23:54

Tgt Ion: 43 Resp: 179739

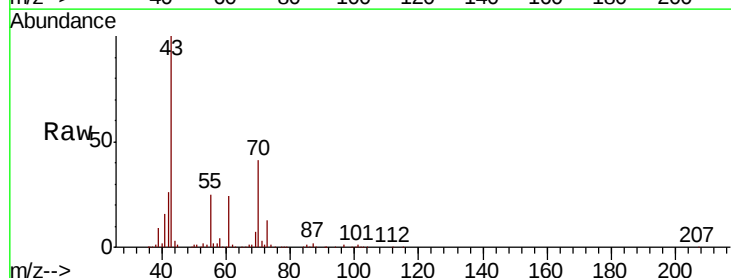
Ion Ratio Lower Upper

43 100

70 40.4 31.4 47.0

55 25.0 20.9 31.3

61 23.1 17.8 26.6

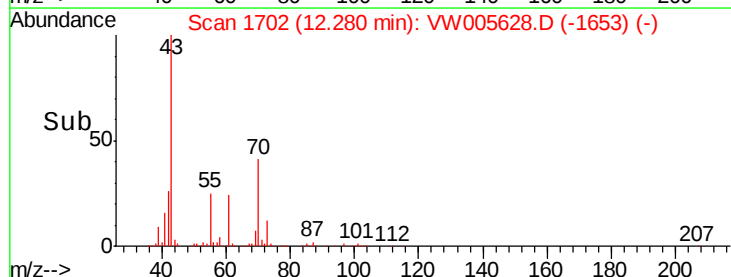
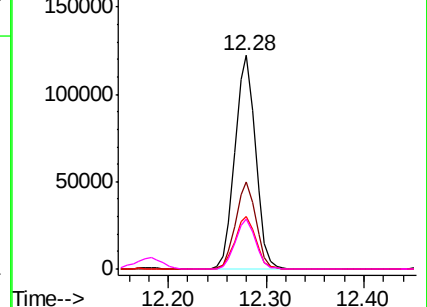


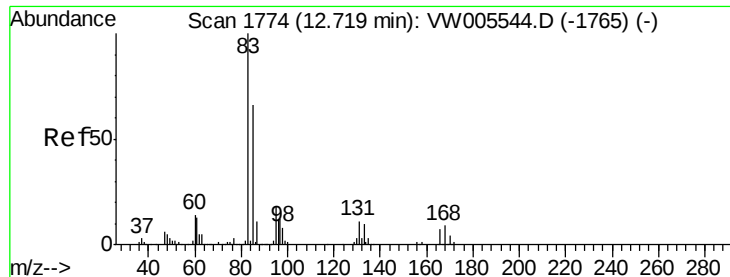
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 55.815 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005628.D

Acq: 25 Sep 2018 23:54

Instrument :

MSVOA_W

ClientSampleId :

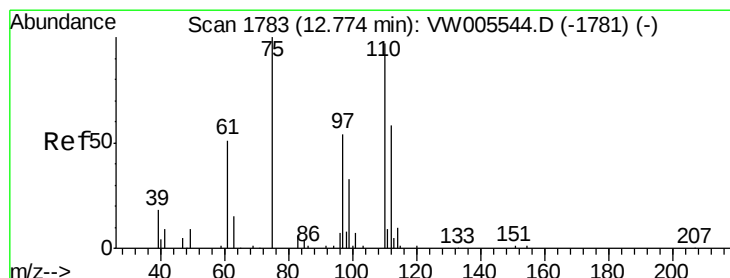
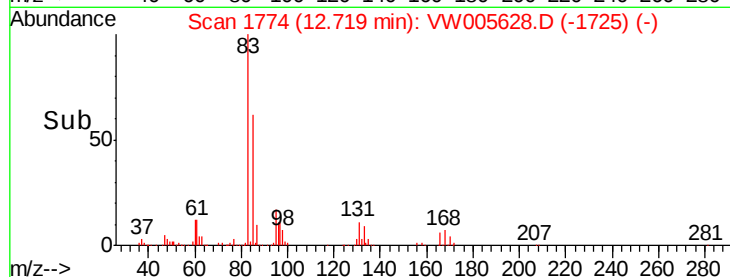
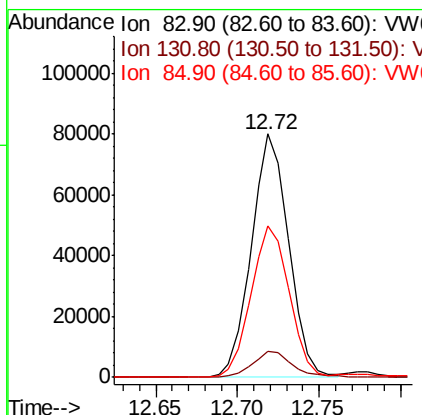
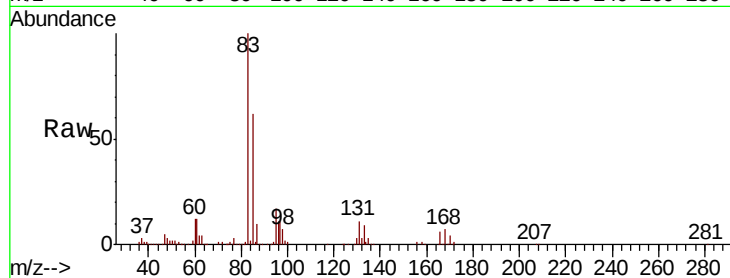
VSTDCCC050

Tot Ion:	83	Resp:	127559
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.5	16.7
85	63.9	32.4	97.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 62.211 ug/l m

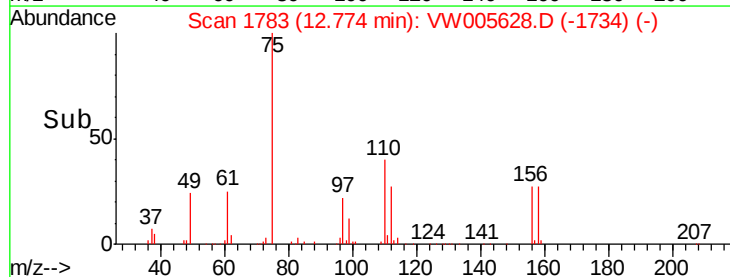
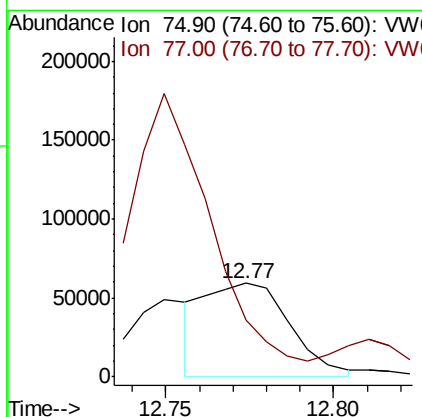
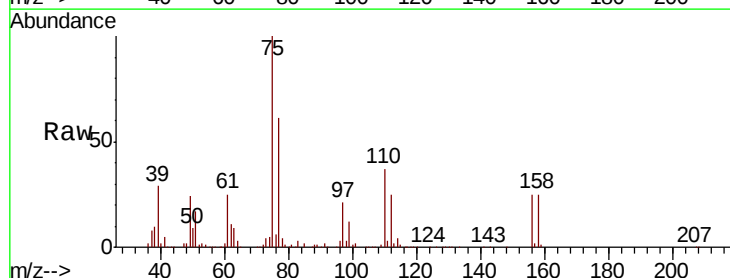
RT: 12.77 min Scan# 1783

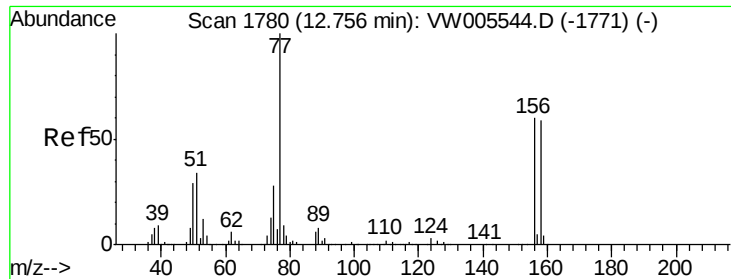
Delta R.T. -0.00 min

Lab File: VW005628.D

Acq: 25 Sep 2018 23:54

Tgt Ion:	75	Resp:	105216
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





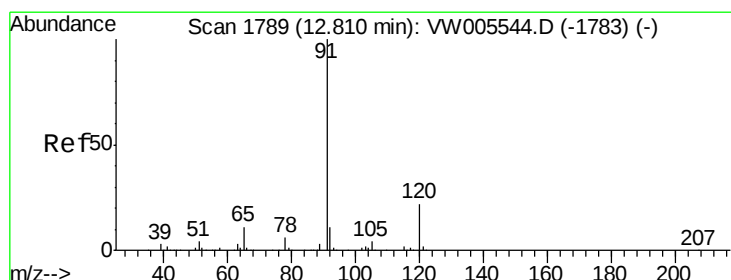
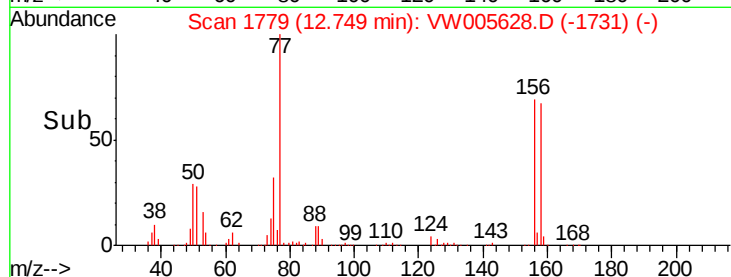
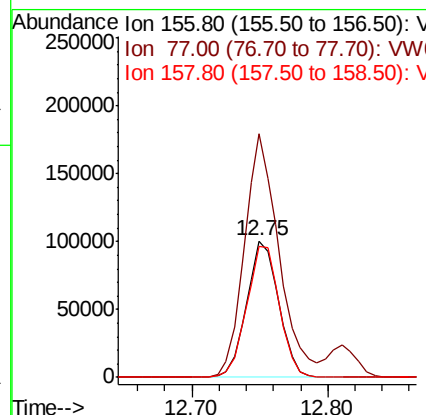
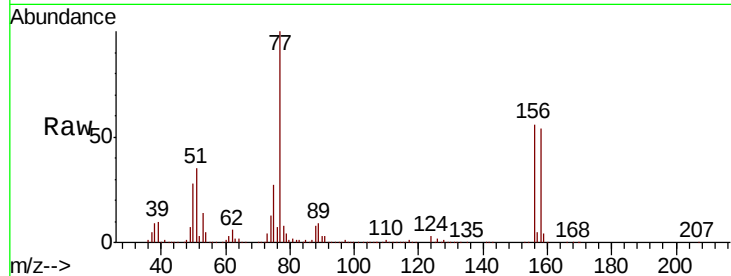
#77
Bromobenzene
Concen: 51.053 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.01 min
Lab File: VW005628.D
Acq: 25 Sep 2018 23:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
156	100	164635		
77	193.0	94.7	284.1	
158	98.7	48.0	144.2	

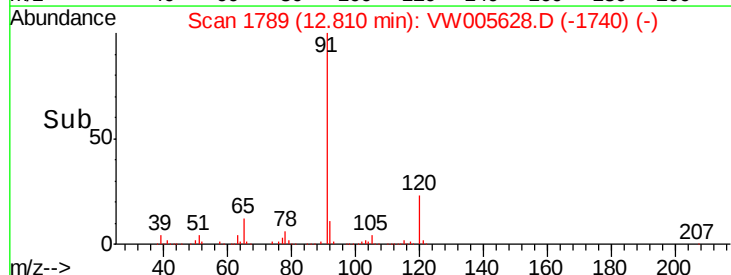
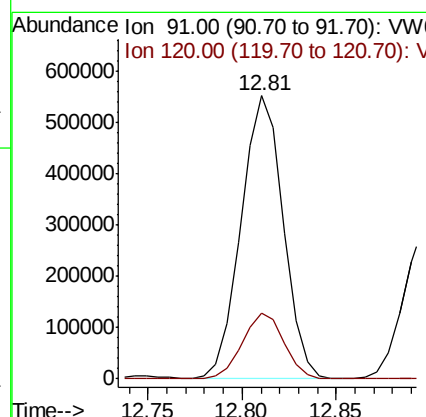
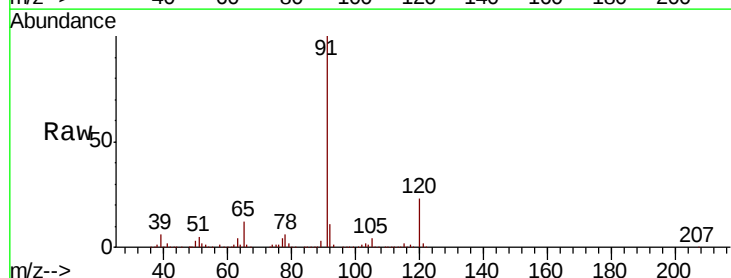
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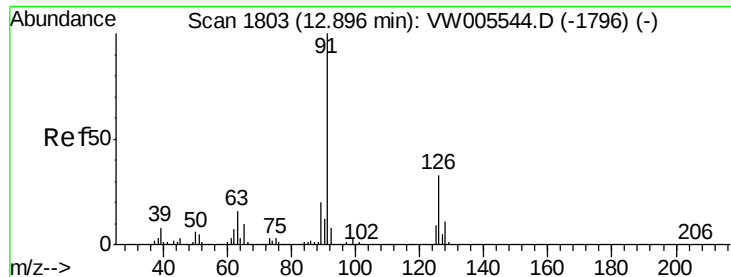
apatel
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#78
n-propylbenzene
Concen: 51.456 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW005628.D
Acq: 25 Sep 2018 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	857138		
120	22.9	11.2	33.5	





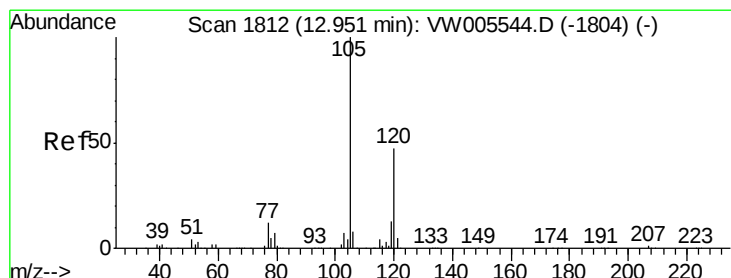
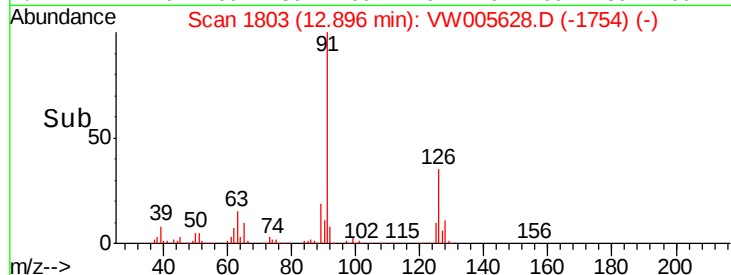
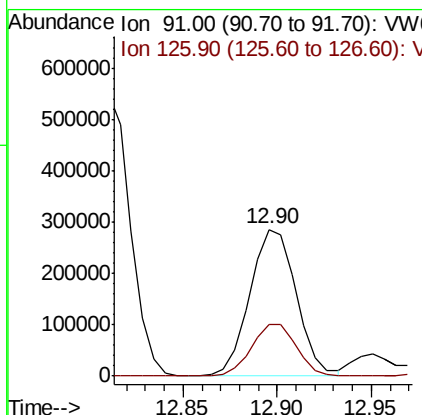
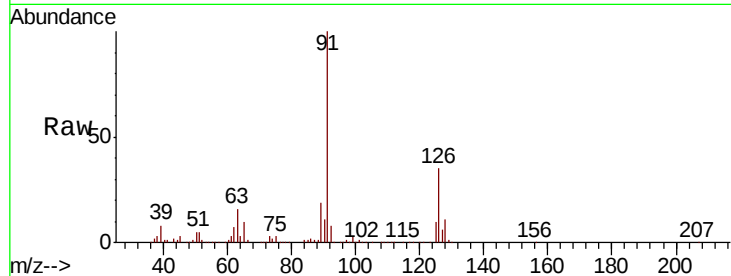
#79
 2-Chlorotoluene
 Concen: 50.779 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW005628.D
 Acq: 25 Sep 2018 23:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
126	34.4	16.4	49.1

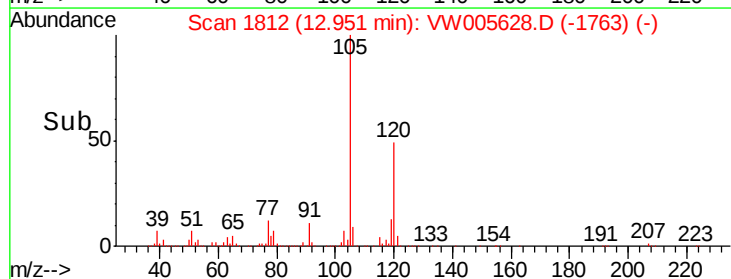
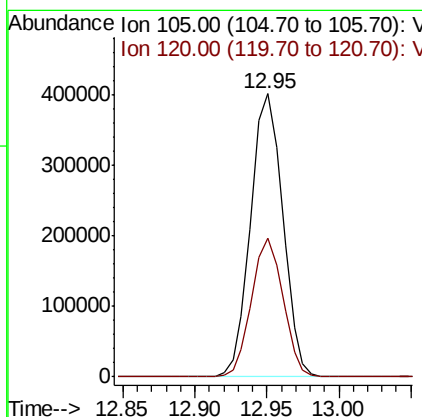
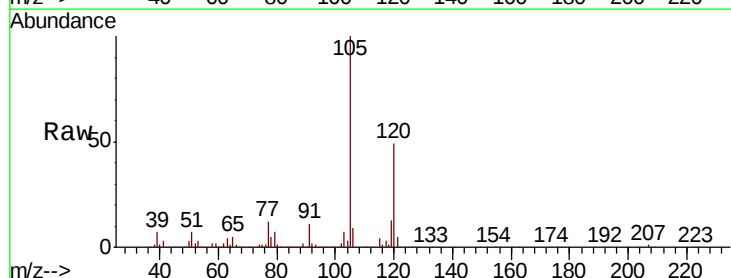
Manual Integrations
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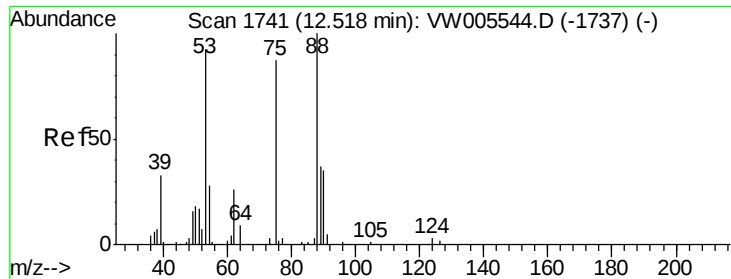
apatel
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#80
 1,3,5-Trimethylbenzene
 Concen: 51.803 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW005628.D
 Acq: 25 Sep 2018 23:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.0	23.6	70.8





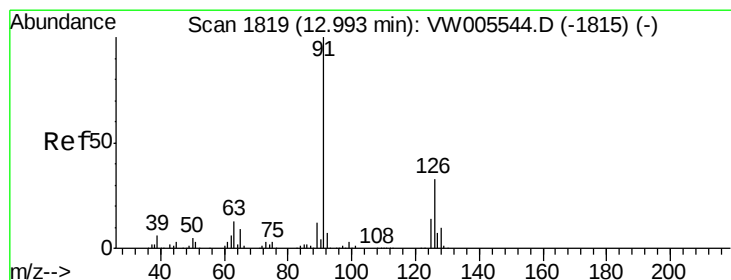
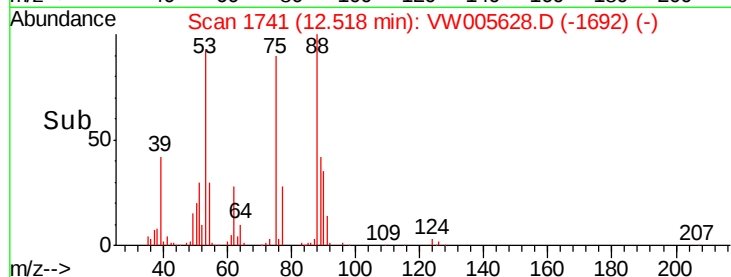
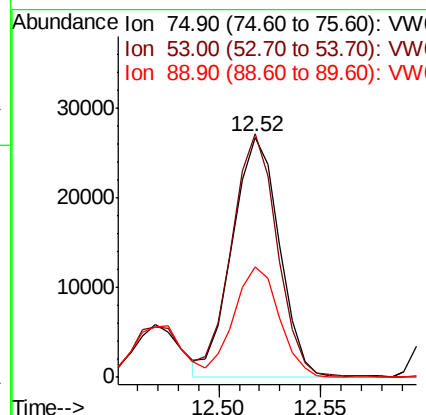
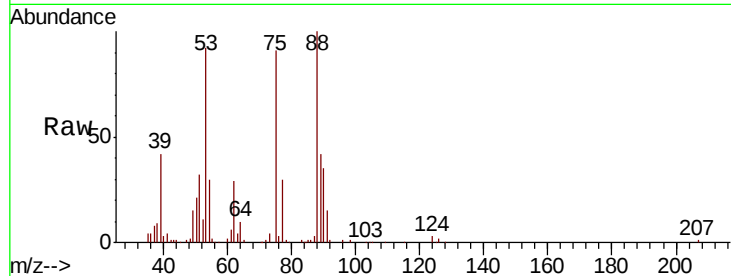
#81
trans-1,4-Dichloro-2-butene
Concen: 56.436 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW005628.D
Acq: 25 Sep 2018 23:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.8	85.8	128.6
89	44.7	37.3	55.9

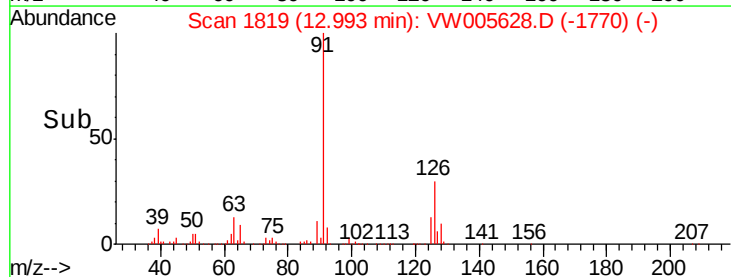
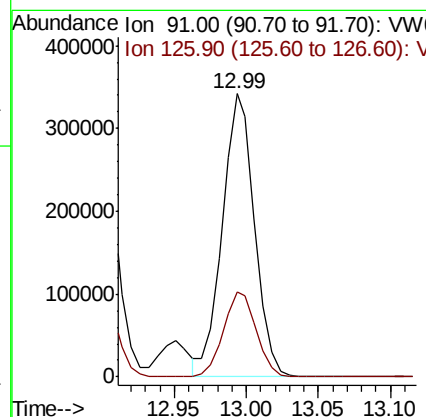
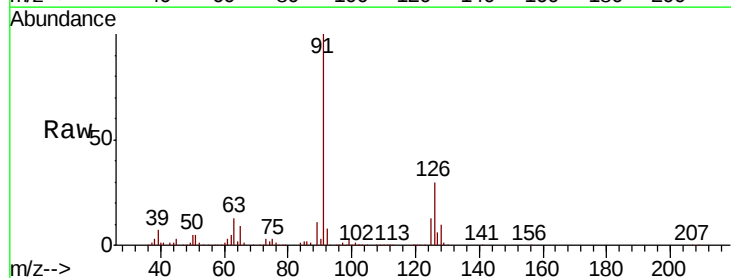
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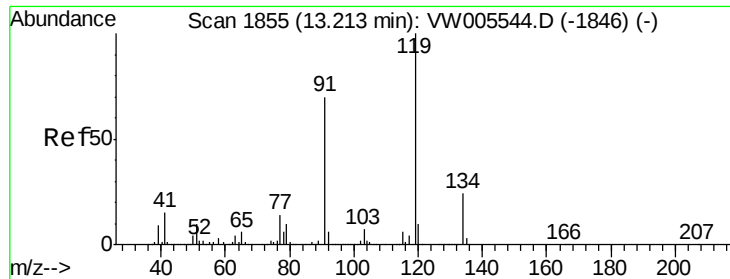
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#82
4-Chlorotoluene
Concen: 52.434 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW005628.D
Acq: 25 Sep 2018 23:54

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	16.4	49.4





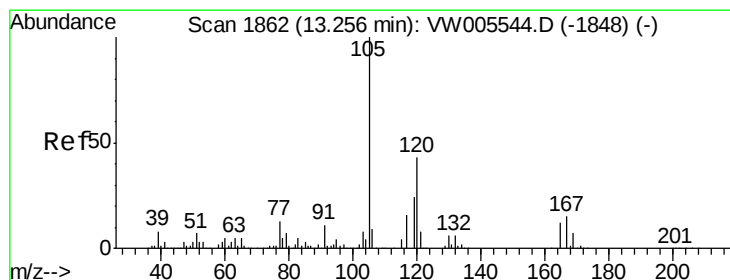
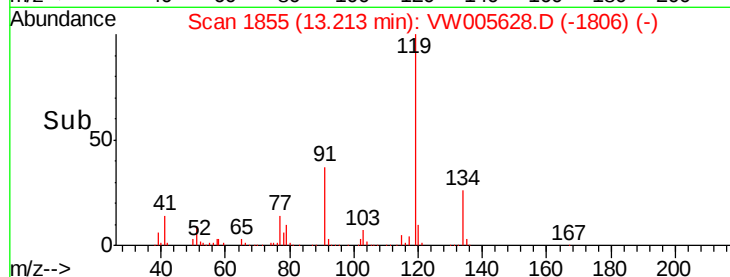
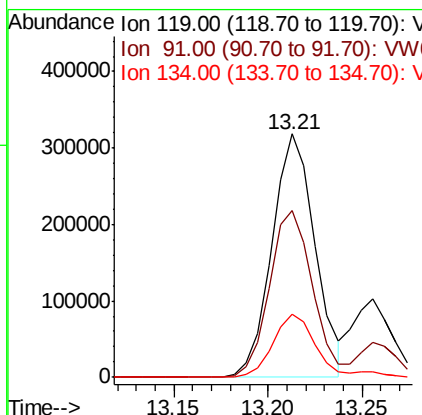
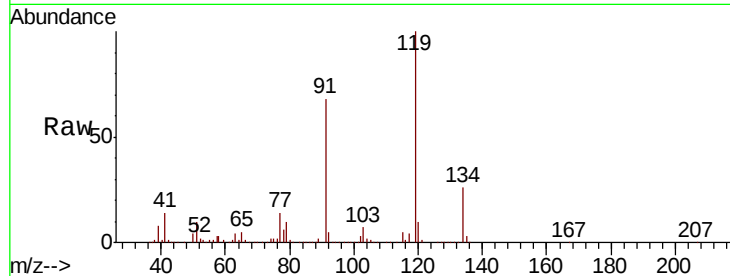
#83
tert-Butylbenzene
Concen: 50.231 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW005628.D
Acq: 25 Sep 2018 23:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.4	34.6	103.8
134	25.1	12.6	37.6

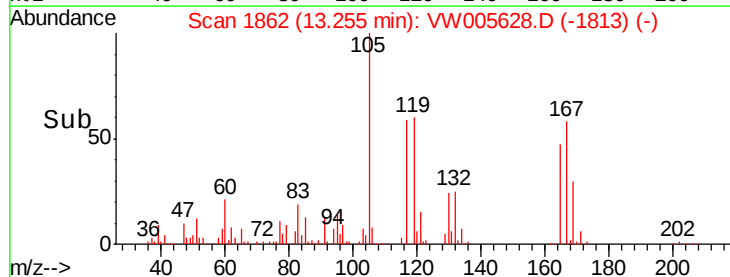
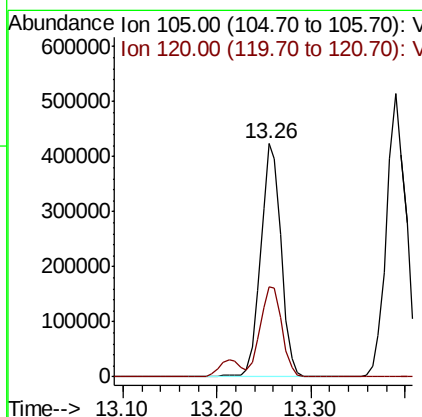
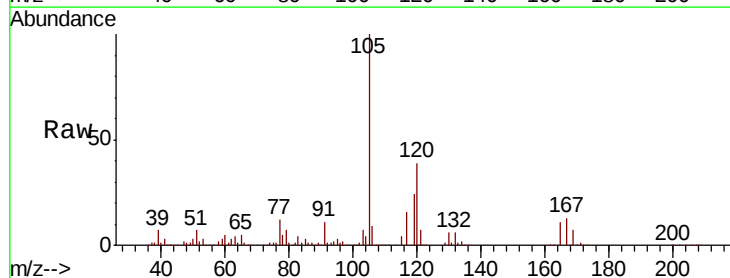
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#84
1,2,4-Trimethylbenzene
Concen: 53.683 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW005628.D
Acq: 25 Sep 2018 23:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	40.7	21.5	64.5





#85

sec-Butylbenzene

Concen: 50.972 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW005628.D

Acq: 25 Sep 2018 23:54

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 743041

Ion Ratio Lower Upper

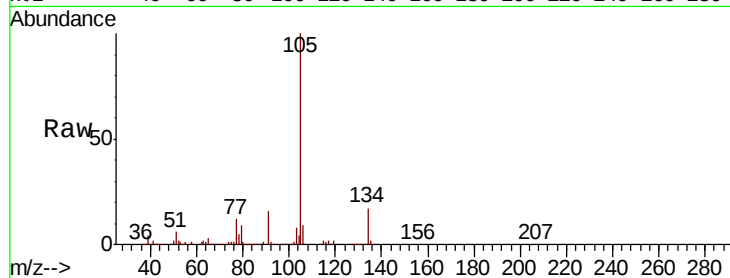
105 100

134 19.0 9.8 29.5

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

600000

500000

400000

300000

200000

100000

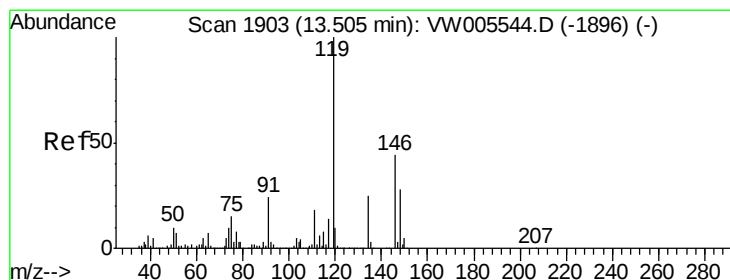
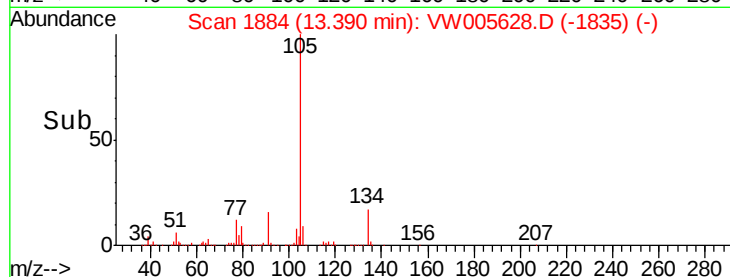
0

13.39

13.30

13.40

Time-->



#86

p-Isopropyltoluene

Concen: 52.578 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005628.D

Acq: 25 Sep 2018 23:54

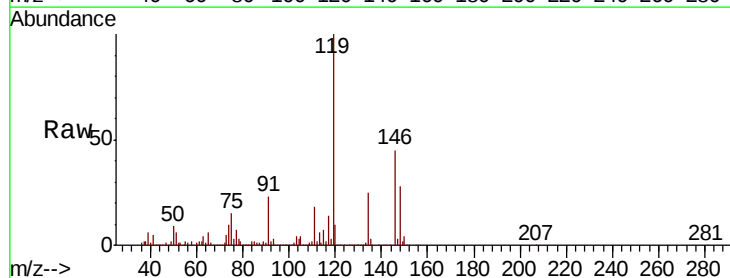
Tgt Ion:119 Resp: 686990

Ion Ratio Lower Upper

119 100

134 25.0 12.7 38.1

91 23.1 12.2 36.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

600000

500000

400000

300000

200000

100000

0

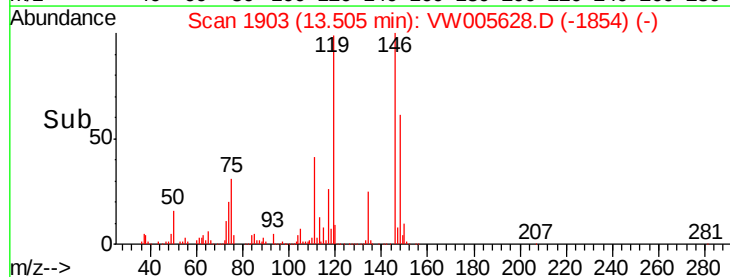
13.51

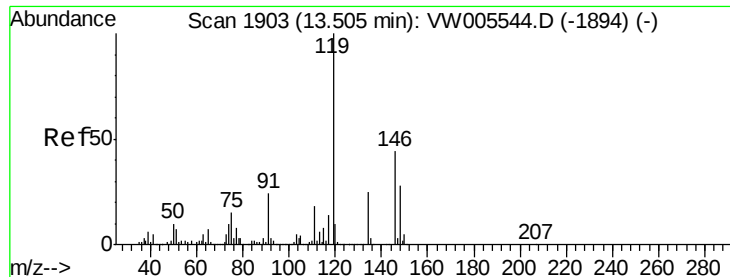
13.45

13.55

13.60

Time-->





#87

1,3-Dichlorobenzene

Concen: 51.380 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005628.D

Acq: 25 Sep 2018 23:54

Instrument :

MSVOA_W

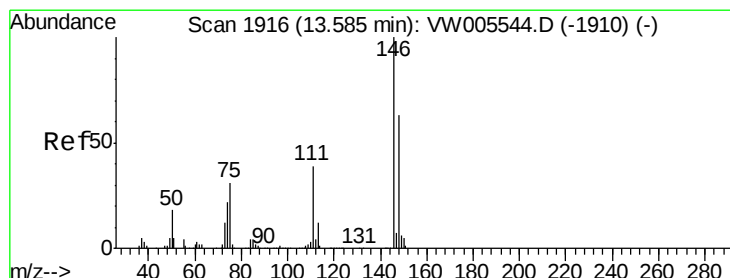
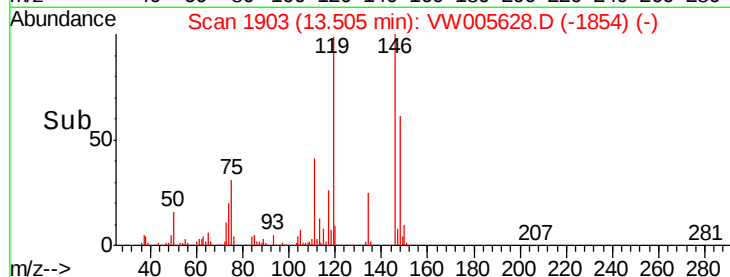
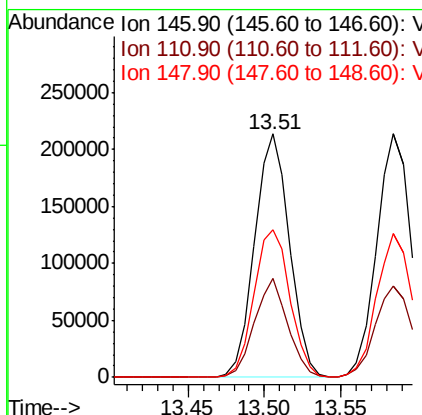
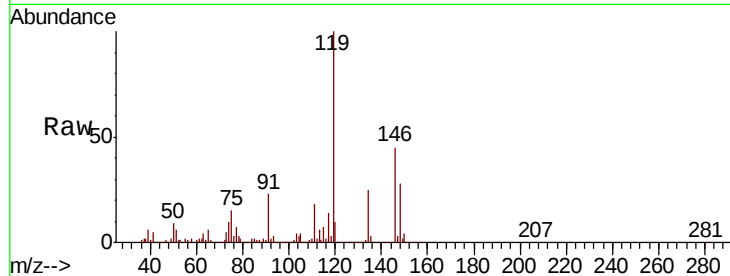
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	338803
Ion Ratio	Lower	Upper	
146	100		
111	38.7	20.3	60.9
148	62.8	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 50.983 ug/l

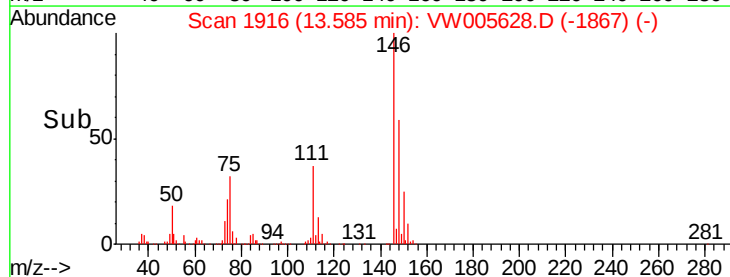
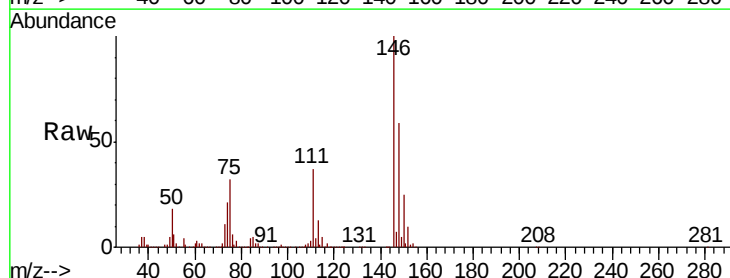
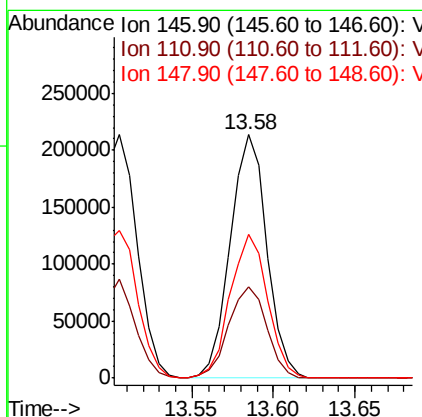
RT: 13.58 min Scan# 1916

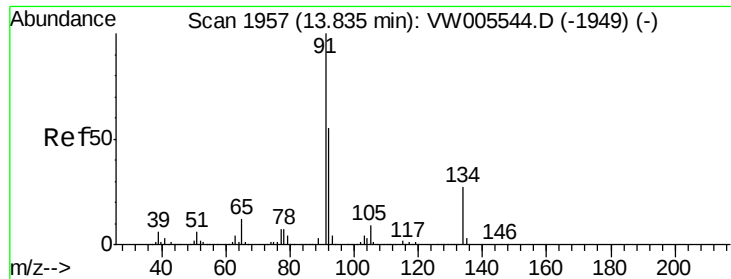
Delta R.T. -0.00 min

Lab File: VW005628.D

Acq: 25 Sep 2018 23:54

Tgt Ion:	146	Resp:	334353
Ion Ratio	Lower	Upper	
146	100		
111	39.1	19.9	59.7
148	60.3	32.1	96.3





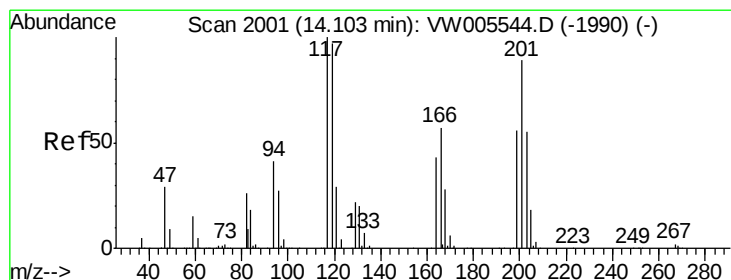
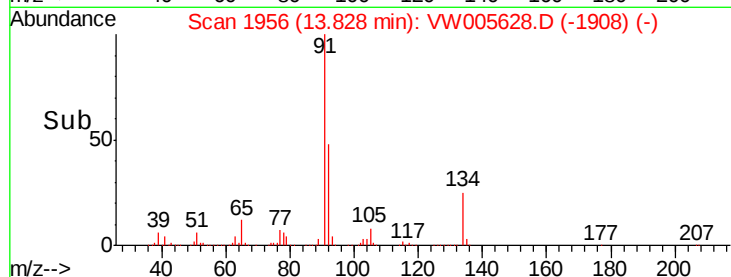
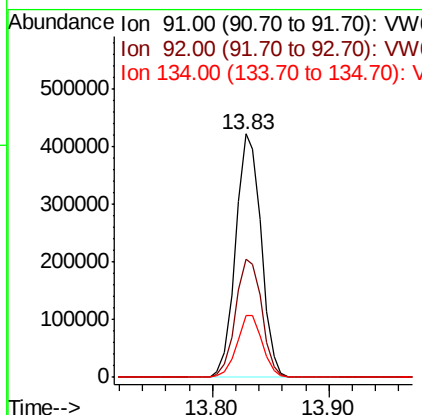
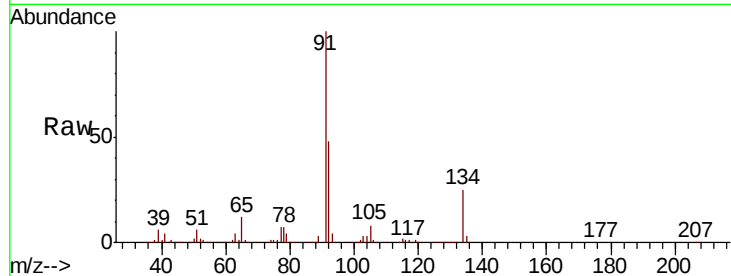
#89
n-Butylbenzene
Concen: 52.038 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.01 min
Lab File: VW005628.D
Acq: 25 Sep 2018 23:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.1	26.5	79.5
134	25.3	12.9	38.7

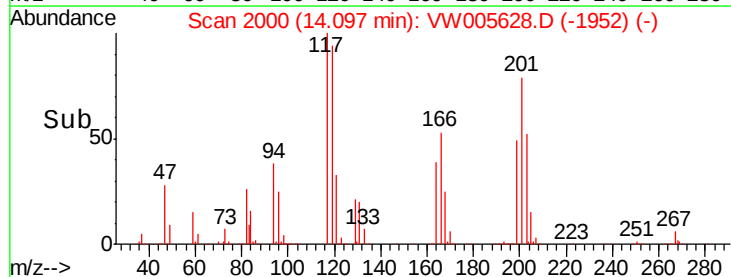
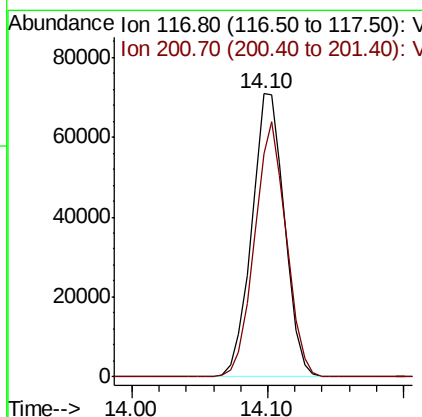
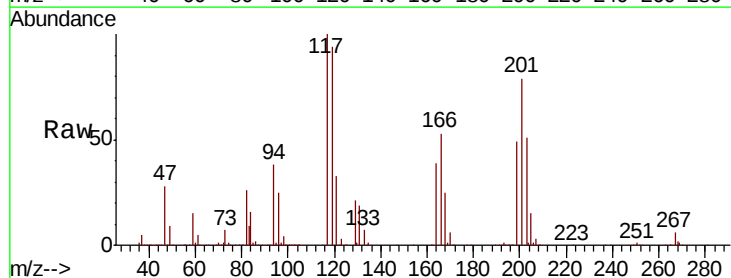
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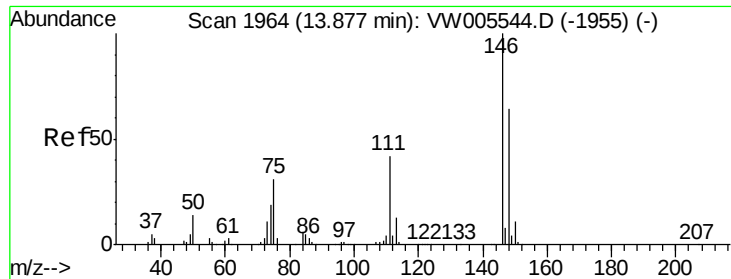
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#90
Hexachloroethane
Concen: 50.539 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.01 min
Lab File: VW005628.D
Acq: 25 Sep 2018 23:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.8	42.8	128.3





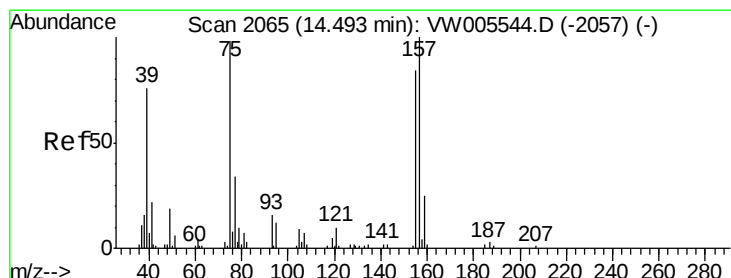
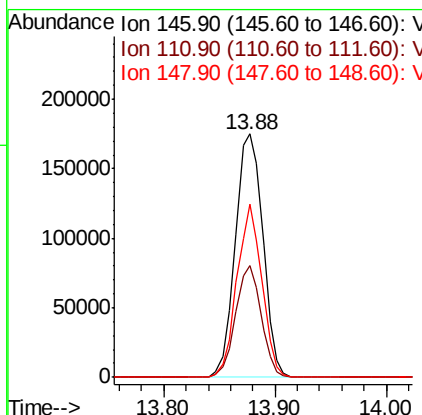
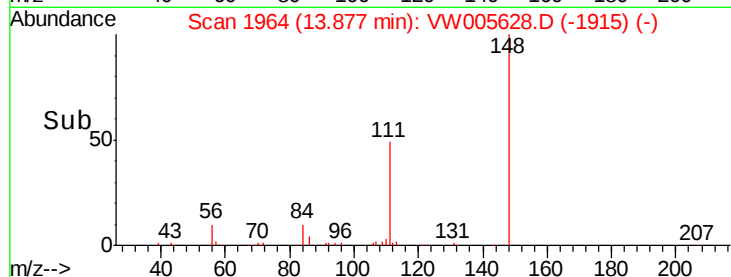
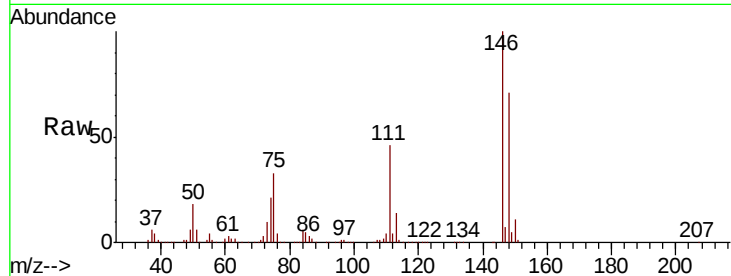
#91
 1,2-Dichlorobenzene
 Concen: 51.315 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005628.D
 Acq: 25 Sep 2018 23:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.3	63.9
148	64.7	32.0	96.2

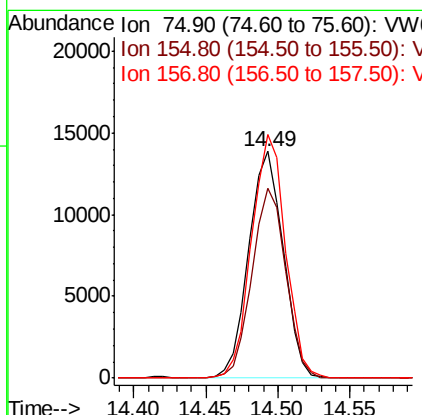
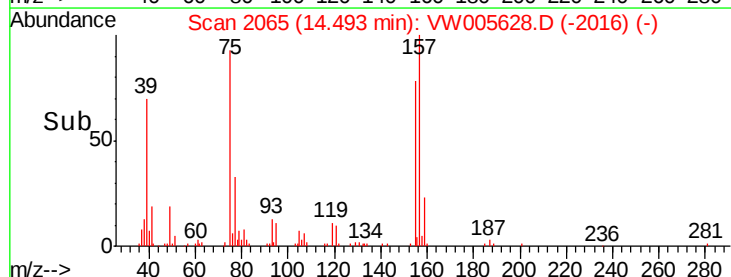
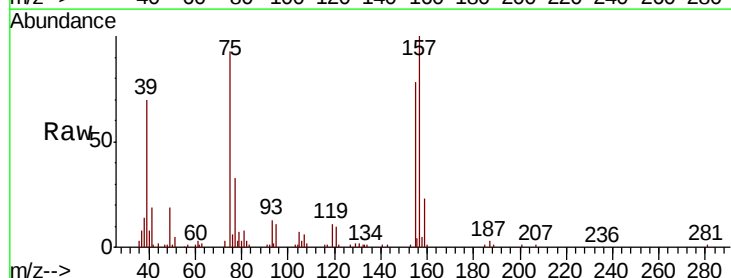
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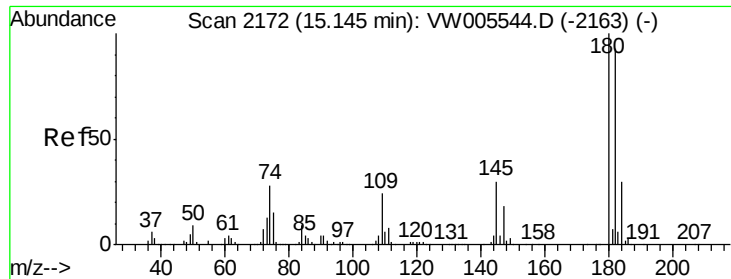
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.710 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005628.D
 Acq: 25 Sep 2018 23:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.0	39.1	117.5
157	105.0	50.8	152.4





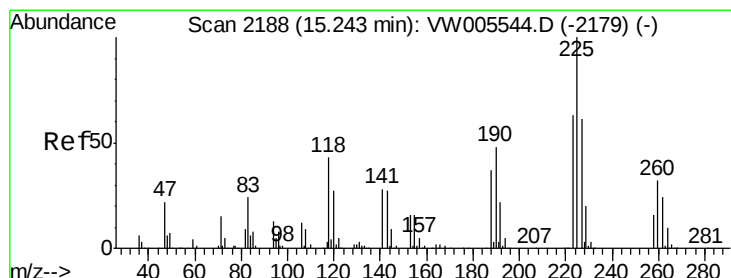
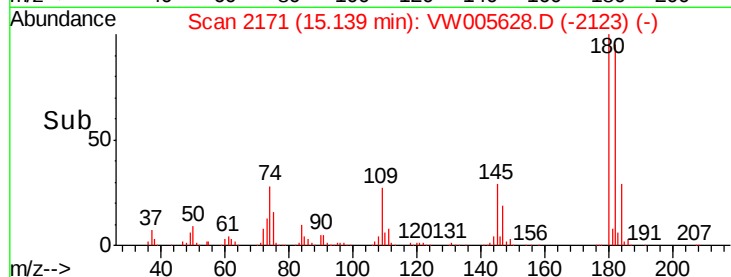
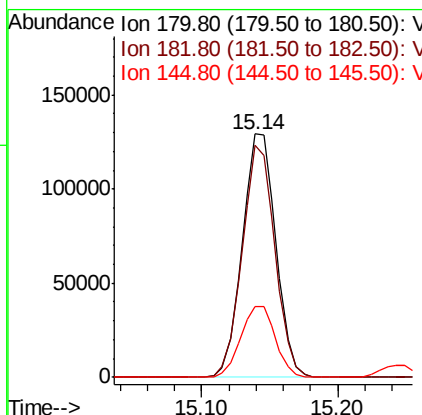
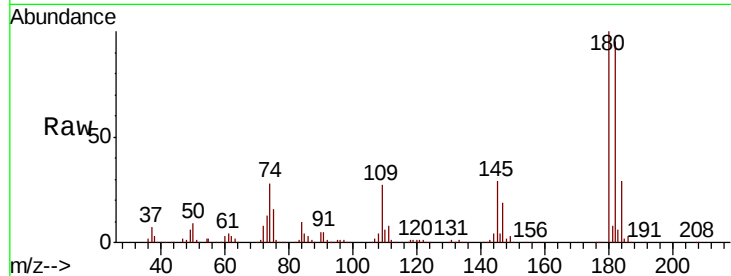
#93
1,2,4-Trichlorobenzene
Concen: 53.680 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.01 min
Lab File: VW005628.D
Acq: 25 Sep 2018 23:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	222901		
182	93.3	47.7	143.1	
145	30.1	15.0	45.1	

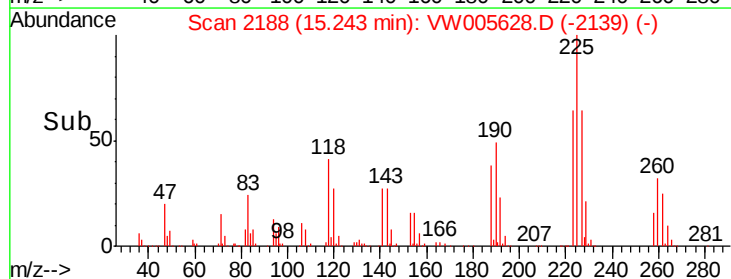
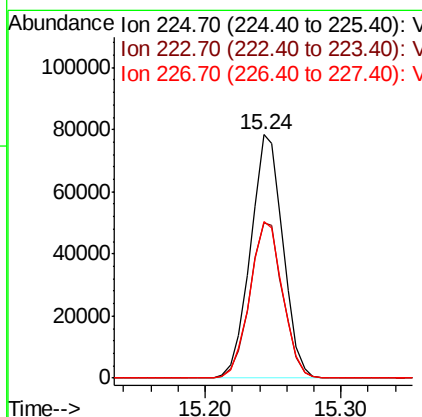
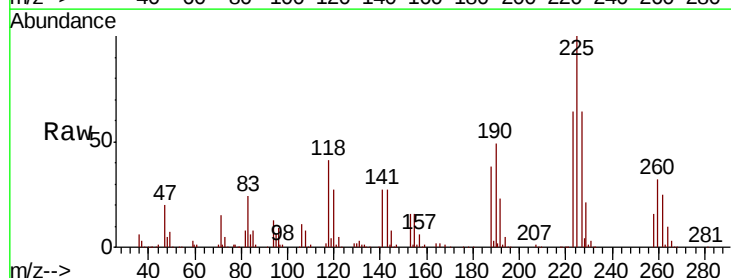
Manual Integrations
APPROVED

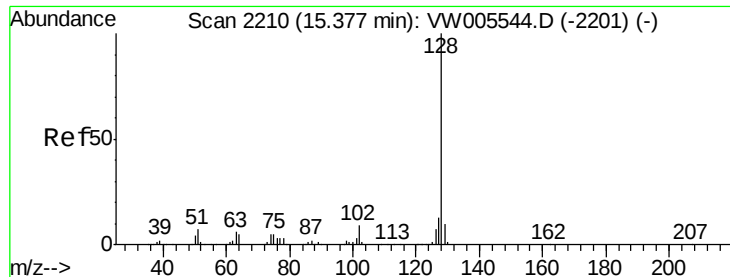
apatel
9/26/2018 2:38:25 PM



#94
Hexachlorobutadiene
Concen: 48.728 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW005628.D
Acq: 25 Sep 2018 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	131085		
223	64.8	31.1	93.3	
227	64.7	31.8	95.3	





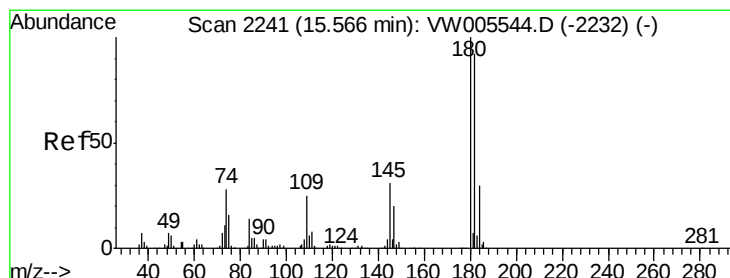
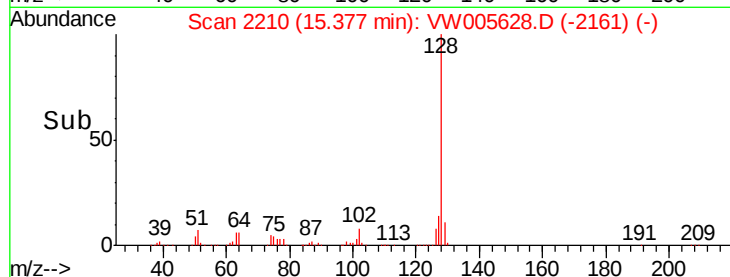
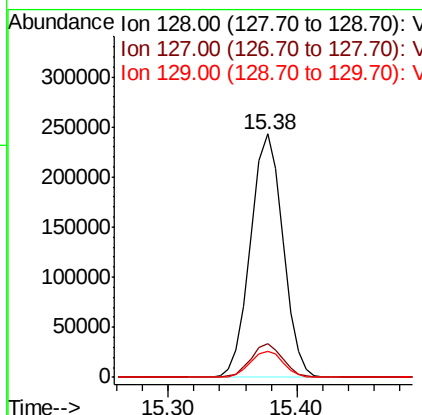
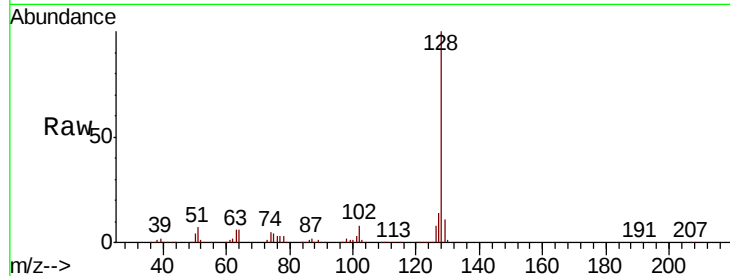
#95
Naphthalene
Concen: 60.575 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005628.D
Acq: 25 Sep 2018 23:54

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.9	16.3
129	10.8	8.6	13.0

Manual Integrations
APPROVED

apatel
9/26/2018 2:38:25 PM



#96
1,2,3-Trichlorobenzene
Concen: 54.421 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005628.D
Acq: 25 Sep 2018 23:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.3	141.9
145	32.1	16.0	47.9

