

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081619\
 Data File : VW011927.D
 Acq On : 15 Aug 2019 14:32
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/16/2019 8:27:09 AM

Quant Time: Aug 15 16:41:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	220378	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	349327	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	301392	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	149336	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	136684	54.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.02%	
35) Dibromofluoromethane	7.88	113	111389	56.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.68%	
50) Toluene-d8	10.32	98	452405	56.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.76%	
62) 4-Bromofluorobenzene	12.62	95	158033	55.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.48%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.01	85	67230	54.739	ug/l	100
3) Chloromethane	2.21	50	105676	49.620	ug/l	99
4) Vinyl Chloride	2.36	62	137306	53.551	ug/l	98
5) Bromomethane	2.78	94	69204	48.762	ug/l	99
6) Chloroethane	2.92	64	78777	53.787	ug/l	94
7) Trichlorofluoromethane	3.26	101	73228	63.904	ug/l	99
8) Diethyl Ether	3.68	74	69246	53.297	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	122688	56.441	ug/l	99
10) Methyl Iodide	4.27	142	161218	52.482	ug/l	98
11) Tert butyl alcohol	5.18	59	41823	221.945	ug/l	97
12) 1,1-Dichloroethene	4.04	96	125723	54.778	ug/l	96
13) Acrolein	3.89	56	35818	197.263	ug/l	97
14) Allyl chloride	4.67	41	274041	56.138	ug/l	98
15) Acrylonitrile	5.37	53	171524	264.467	ug/l	100
16) Acetone	4.12	43	214279	266.197	ug/l	99
17) Carbon Disulfide	4.38	76	380618	52.985	ug/l	100
18) Methyl Acetate	4.67	43	91606	50.658	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	198004	54.365	ug/l	96
20) Methylene Chloride	4.92	84	137389	49.489	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	135289	54.675	ug/l	99
22) Diisopropyl ether	6.31	45	501345	54.473	ug/l	97
23) Vinyl Acetate	6.25	43	1597523	276.241	ug/l	99
24) 1,1-Dichloroethane	6.21	63	268763	54.526	ug/l	99
25) 2-Butanone	7.17	43	268340	254.757	ug/l	98
26) 2,2-Dichloropropane	7.17	77	154472	50.958	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	144593	53.094	ug/l	100
28) Bromochloromethane	7.51	49	116862	53.414	ug/l #	99
29) Tetrahydrofuran	7.52	42	156824	260.468	ug/l	99
30) Chloroform	7.67	83	248331	54.609	ug/l	97
31) Cyclohexane	7.95	56	252675	53.403	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	197267	56.961	ug/l	100
36) 1,1-Dichloropropene	8.08	75	206601	56.878	ug/l	99
37) Ethyl Acetate	7.25	43	112000	53.594	ug/l	98
38) Carbon Tetrachloride	8.07	117	183242	58.929	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	228990	57.252	ug/l	98
40) Benzene	8.32	78	559847	55.025	ug/l	99
41) Methacrylonitrile	7.48	41	68125	54.534	ug/l	98
42) 1,2-Dichloroethane	8.40	62	176605	55.441	ug/l	100
43) Isopropyl Acetate	8.42	43	211721	55.088	ug/l	99
44) Trichloroethene	9.09	130	135849	55.553	ug/l	99
45) 1,2-Dichloropropane	9.37	63	151236	55.554	ug/l	100
46) Dibromomethane	9.46	93	68268	54.943	ug/l	98
47) Bromodichloromethane	9.64	83	184115	56.489	ug/l	100
48) Methyl methacrylate	9.43	41	101368	54.907	ug/l	97
49) 1,4-Dioxane	9.45	88	19752	1097.880	ug/l #	78
51) 4-Methyl-2-Pentanone	10.21	43	542702	271.475	ug/l	100
52) Toluene	10.38	92	342638	55.765	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	191187	56.154	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	226984	56.070	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	96321	54.636	ug/l	99
56) Ethyl methacrylate	10.65	69	144634	56.065	ug/l	99
57) 1,3-Dichloropropane	10.93	76	182730	54.786	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	380600	324.932	ug/l	100
59) 2-Hexanone	10.97	43	396266	280.744	ug/l	100
60) Dibromochloromethane	11.13	129	109271	55.838	ug/l	99
61) 1,2-Dibromoethane	11.23	107	91313	54.732	ug/l	99
64) Tetrachloroethene	10.86	164	110444	56.280	ug/l	97
65) Chlorobenzene	11.66	112	337206	55.650	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	121319	57.480	ug/l	99
67) Ethyl Benzene	11.73	91	666889	57.788	ug/l	99
68) m/p-Xylenes	11.84	106	480953	114.598	ug/l	99
69) o-Xylene	12.16	106	221869	56.889	ug/l	98
70) Styrene	12.18	104	392704	58.238	ug/l	99
71) Bromoform	12.35	173	62279	57.873	ug/l	98
73) Isopropylbenzene	12.46	105	628830	56.444	ug/l	100
74) N-amyl acetate	12.27	43	195486	56.046	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	114865	54.813	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	79574m	50.359	ug/l	
77) Bromobenzene	12.75	156	135487	55.021	ug/l	100
78) n-propylbenzene	12.80	91	774805	57.146	ug/l	100
79) 2-Chlorotoluene	12.89	91	432836	55.413	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	529545	56.704	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	38563	56.244	ug/l	97
82) 4-Chlorotoluene	12.99	91	461052	56.257	ug/l	99
83) tert-Butylbenzene	13.21	119	445546	57.052	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	529006	56.232	ug/l	99
85) sec-Butylbenzene	13.38	105	641233	57.545	ug/l	100
86) p-Isopropyltoluene	13.50	119	574587	56.831	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	264826	54.848	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	260607	54.258	ug/l	100
89) n-Butylbenzene	13.82	91	583072	57.790	ug/l	100
90) Hexachloroethane	14.09	117	102810	57.506	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	234315	54.869	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	19220	53.785	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	168894	56.117	ug/l	99
94) Hexachlorobutadiene	15.24	225	107474	57.262	ug/l	99
95) Naphthalene	15.36	128	302907	51.322	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	144463	54.759	ug/l	99

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

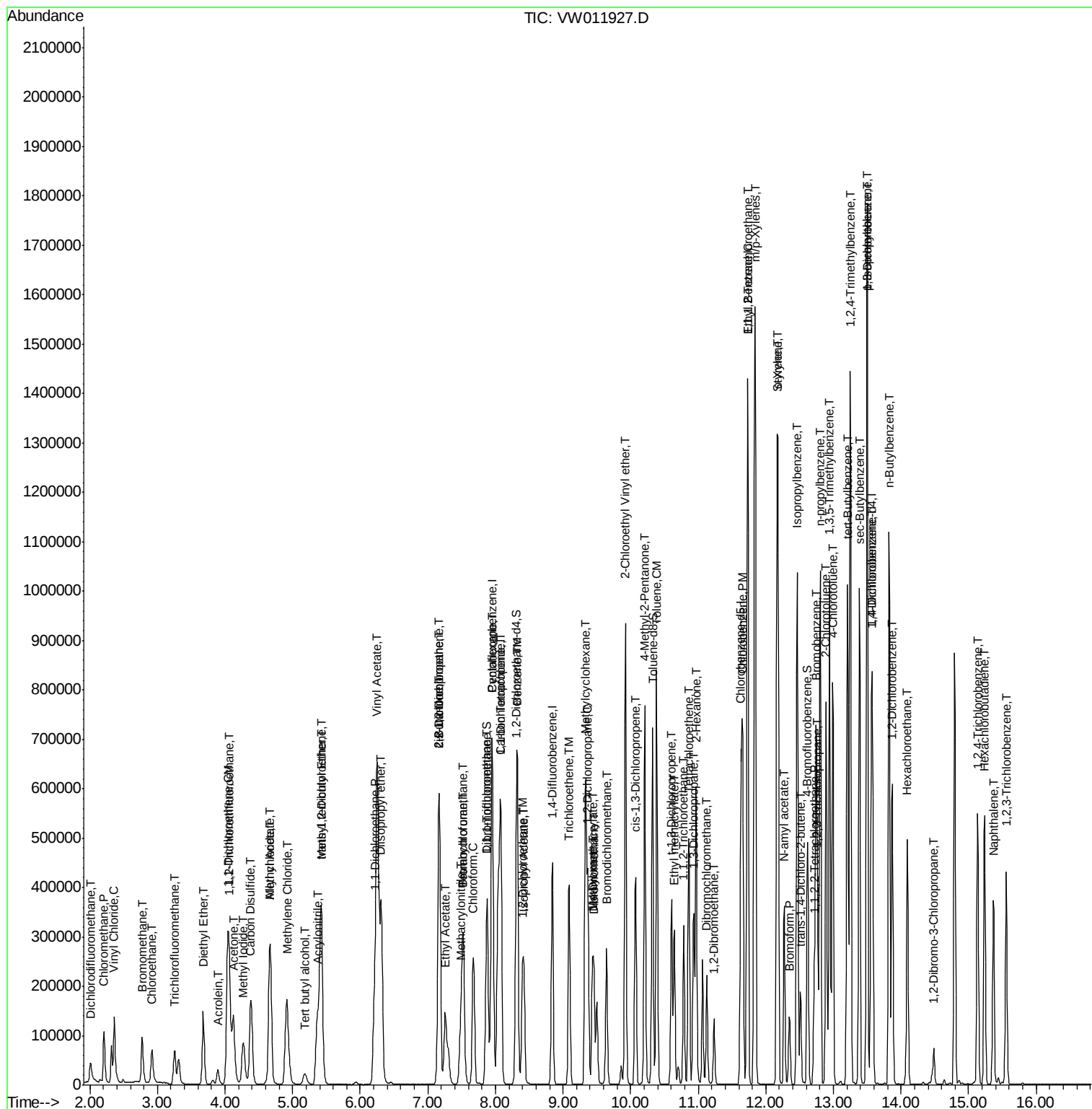
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Data File : VW011927.D
Acq On : 15 Aug 2019 14:32
Operator : SY/VA
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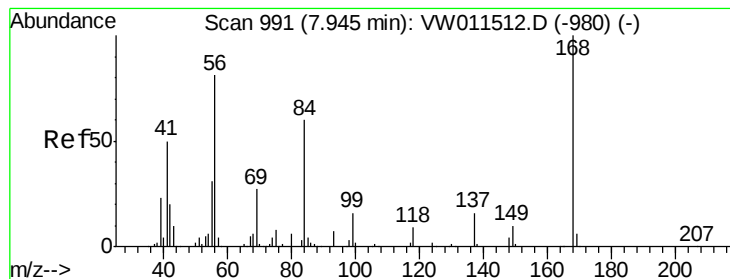
Instrument :
MSVOA_W
ClientSampleId :
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Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW011927.D

Acq: 15 Aug 2019 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 220378

Ion Ratio Lower Upper

168 100

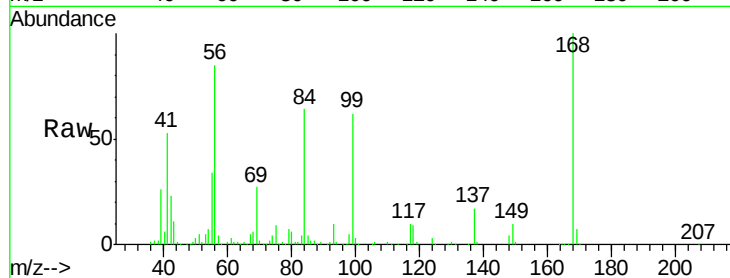
99 61.5 48.2 72.4

Manual Integrations

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8/16/2019 8:27:09 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

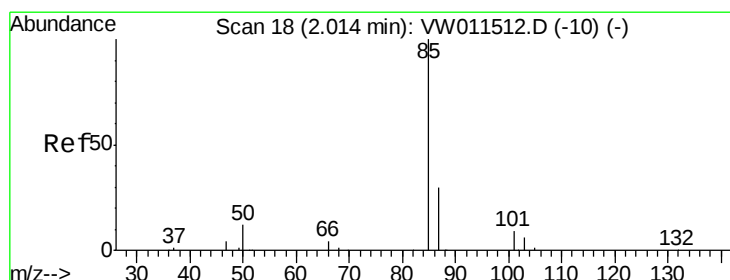
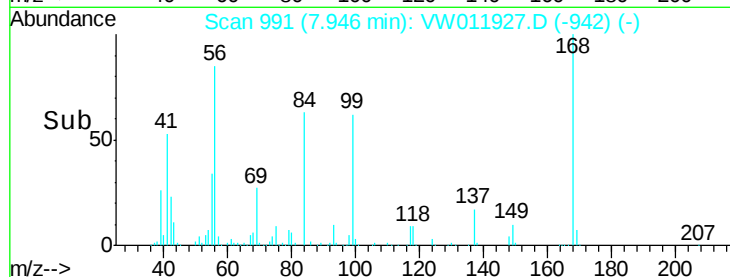
40000

20000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 54.739 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW011927.D

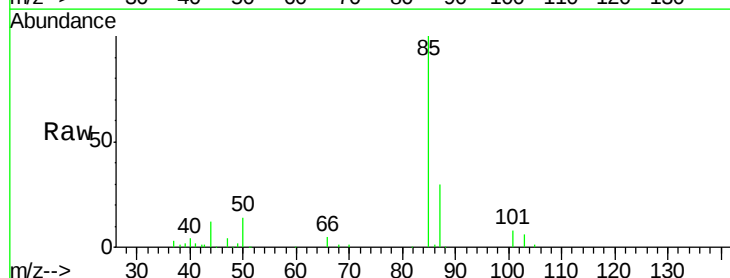
Acq: 15 Aug 2019 14:32

Tgt Ion: 85 Resp: 67230

Ion Ratio Lower Upper

85 100

87 30.2 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

25000

20000

15000

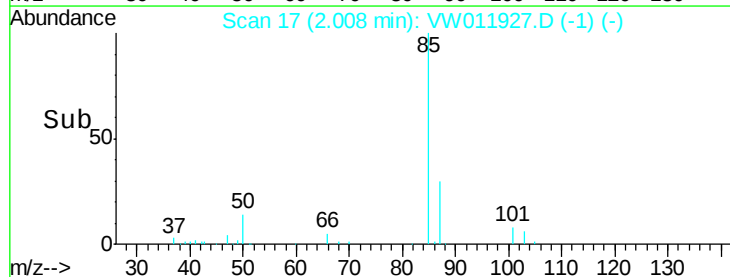
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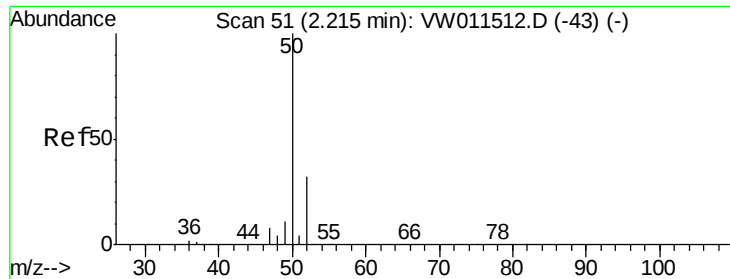
5000

0

2.00 2.20

Time-->





#3

Chloromethane

Concen: 49.620 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW011927.D

Acq: 15 Aug 2019 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 105676

Ion Ratio Lower Upper

50 100

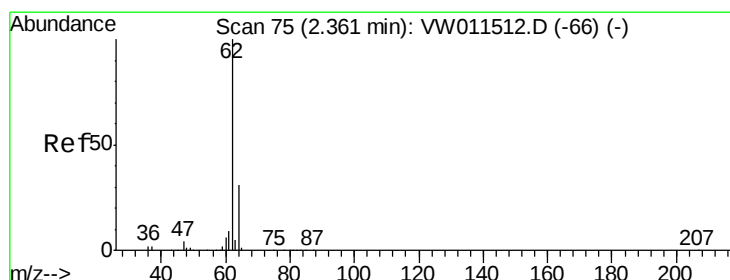
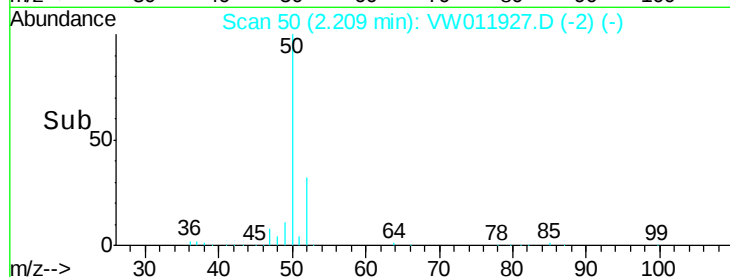
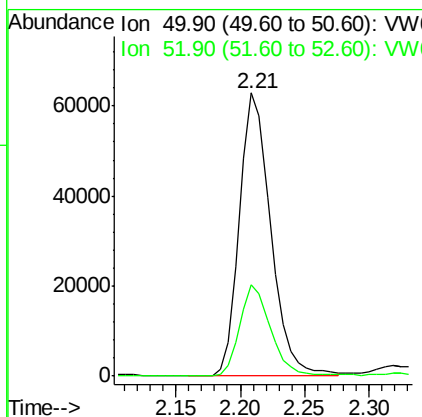
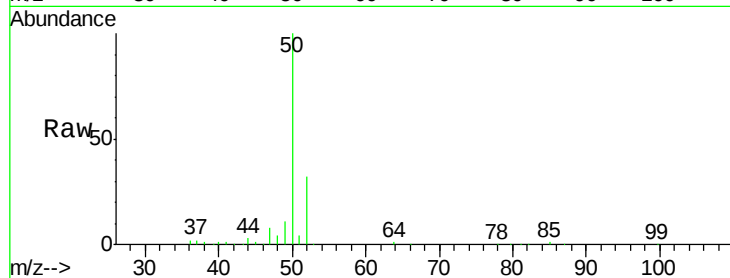
52 32.3 25.4 38.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 53.551 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW011927.D

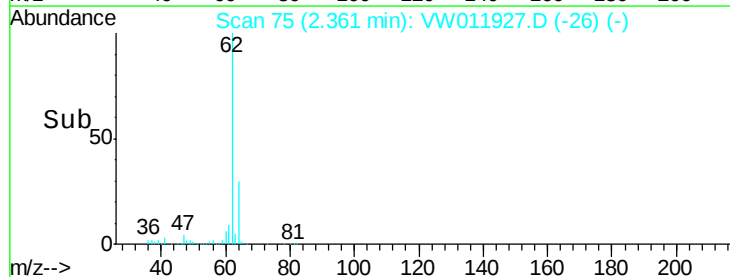
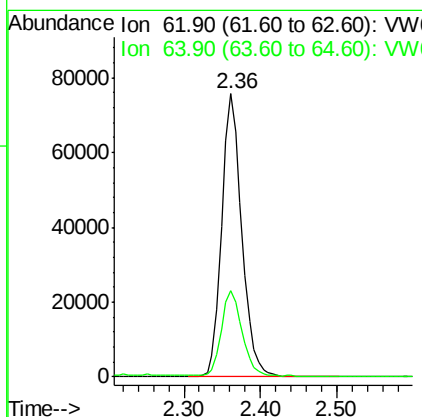
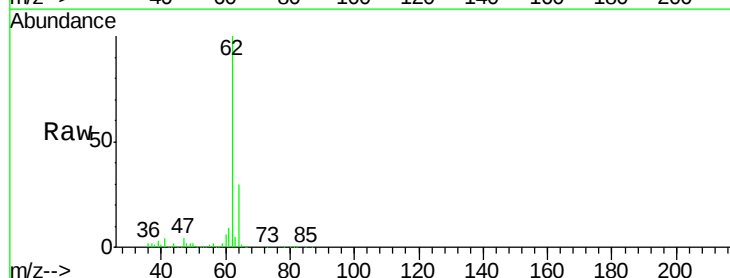
Acq: 15 Aug 2019 14:32

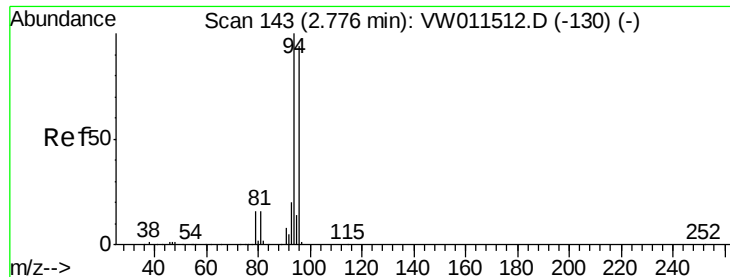
Tgt Ion: 62 Resp: 137306

Ion Ratio Lower Upper

62 100

64 30.1 25.0 37.4





#5

Bromomethane

Concen: 48.762 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW011927.D

Acq: 15 Aug 2019 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 69204

Ion Ratio Lower Upper

94 100

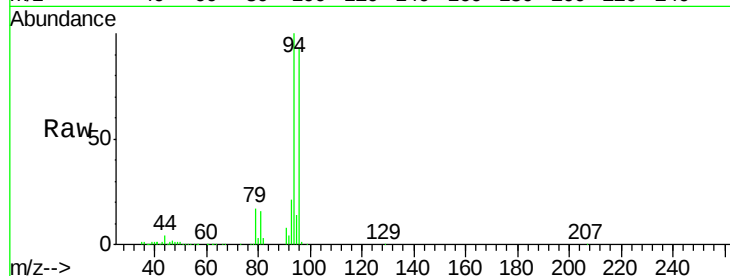
96 92.8 75.0 112.6

Manual Integrations

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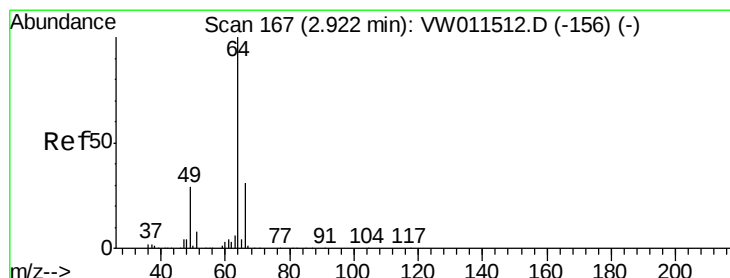
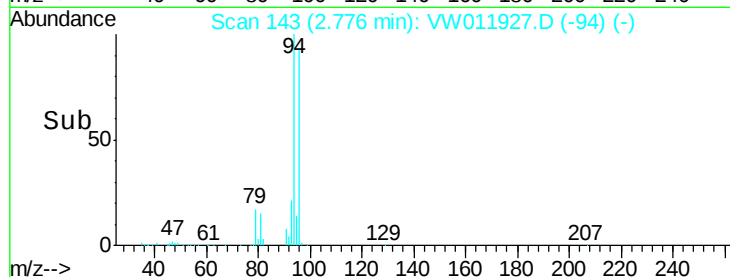
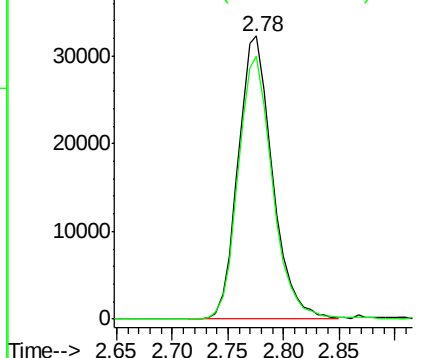
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 53.787 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW011927.D

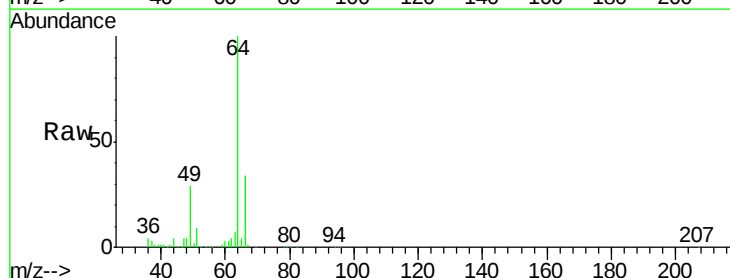
Acq: 15 Aug 2019 14:32

Tgt Ion: 64 Resp: 78777

Ion Ratio Lower Upper

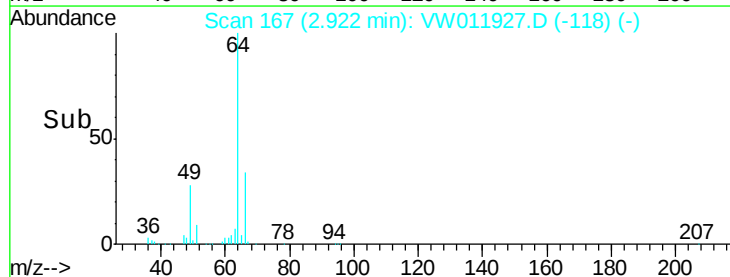
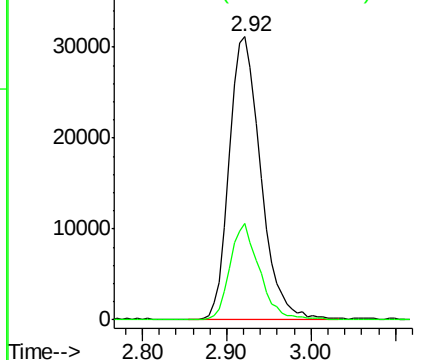
64 100

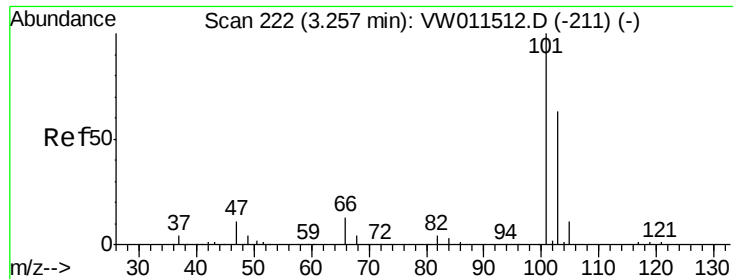
66 34.3 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

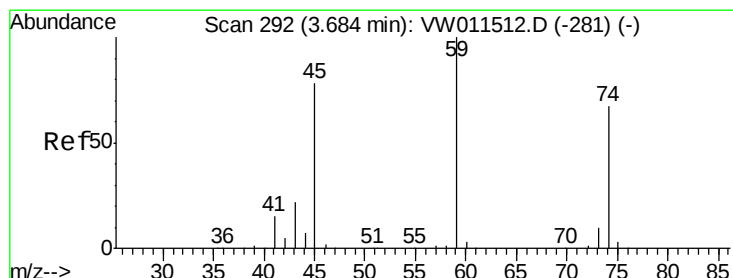
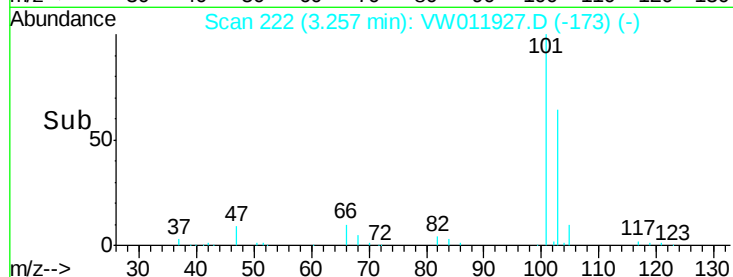
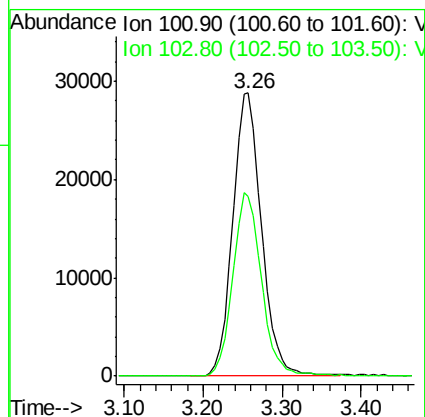
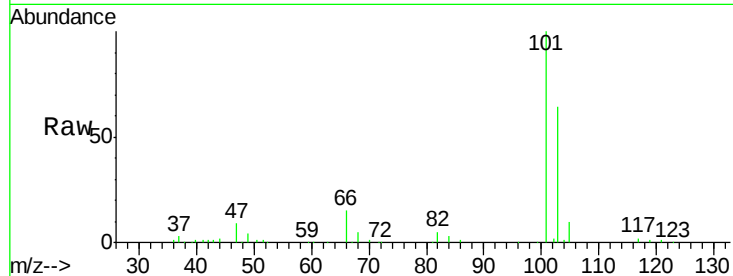
Trichlorofluoromethane
Concen: 63.904 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.00 min
Lab File: VW011927.D
Acq: 15 Aug 2019 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	50.2	75.4

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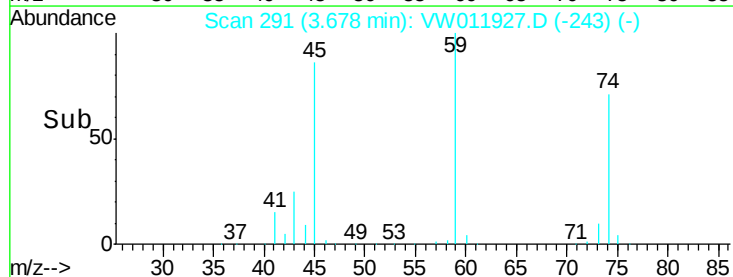
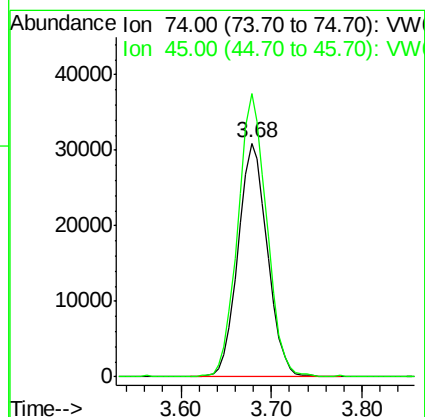
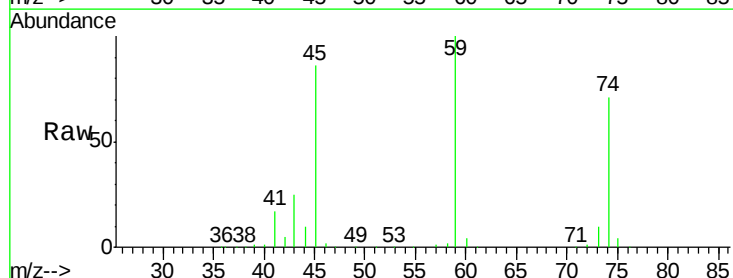
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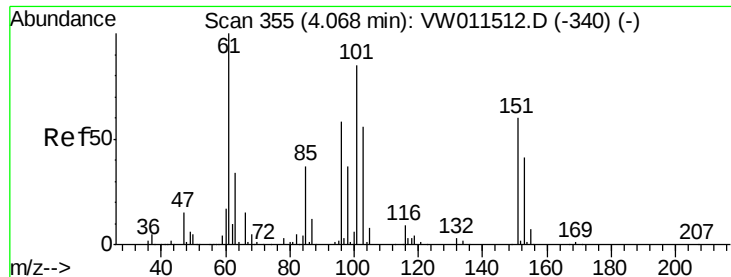


#8

Diethyl Ether
Concen: 53.297 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW011927.D
Acq: 15 Aug 2019 14:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	120.2	59.6	178.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 56.441 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW011927.D

Acq: 15 Aug 2019 14:32

Instrument :

MSVOA_W

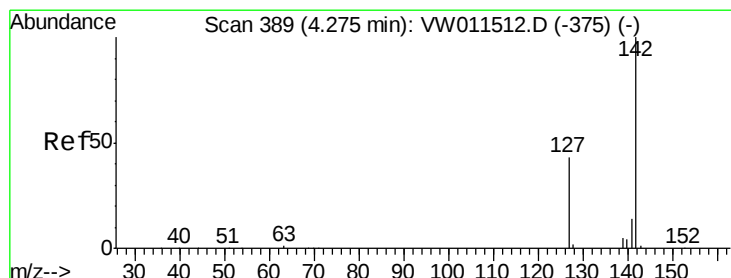
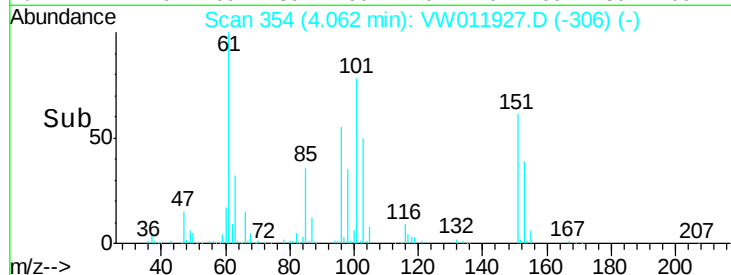
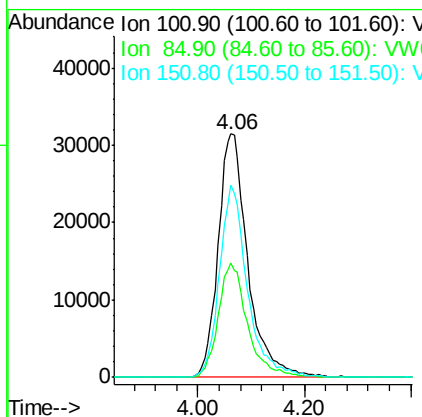
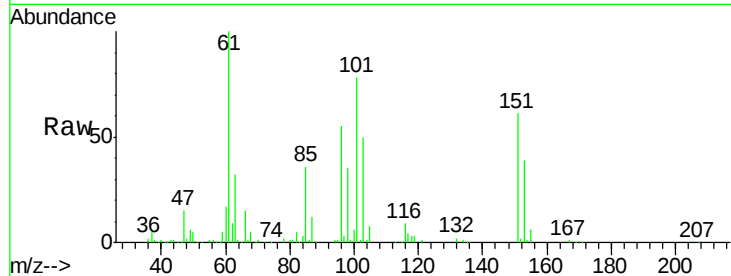
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	122688
Ion Ratio	Lower	Upper	
101	100		
85	46.1	36.6	54.8
151	74.6	60.2	90.2

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#10

Methyl Iodide

Concen: 52.482 ug/l

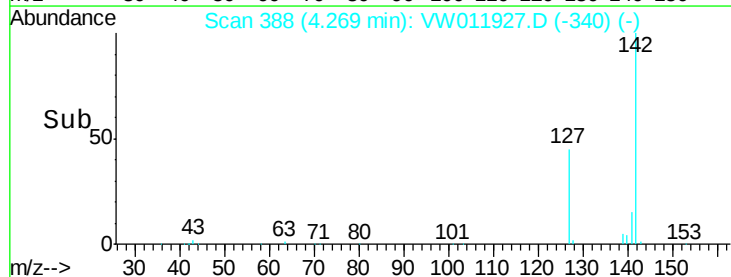
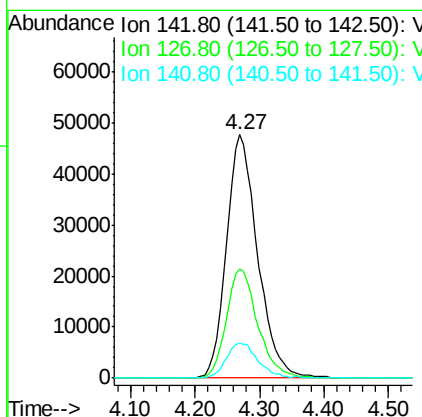
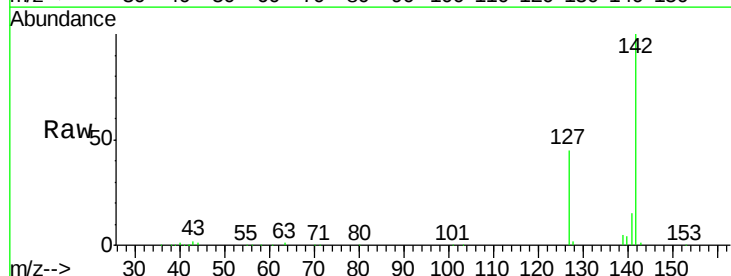
RT: 4.27 min Scan# 388

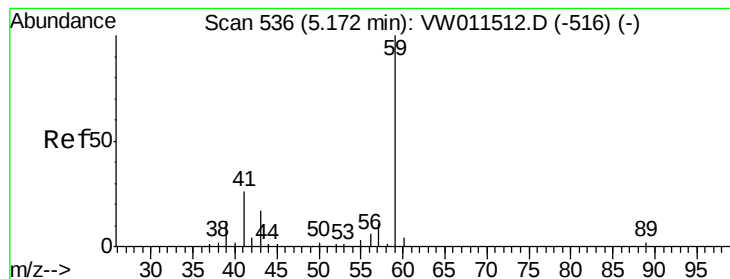
Delta R.T. -0.01 min

Lab File: VW011927.D

Acq: 15 Aug 2019 14:32

Tgt Ion:	142	Resp:	161218
Ion Ratio	Lower	Upper	
142	100		
127	45.2	35.0	52.6
141	14.8	11.9	17.9





#11

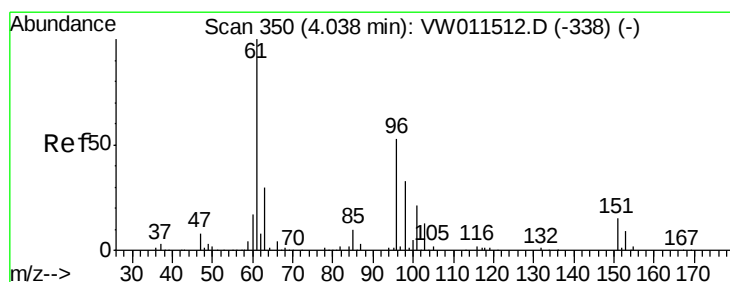
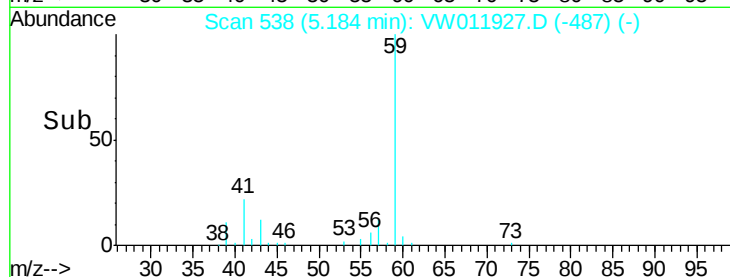
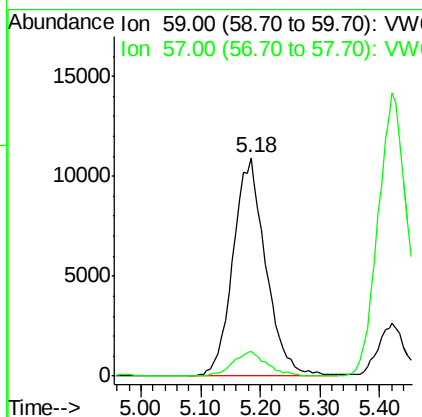
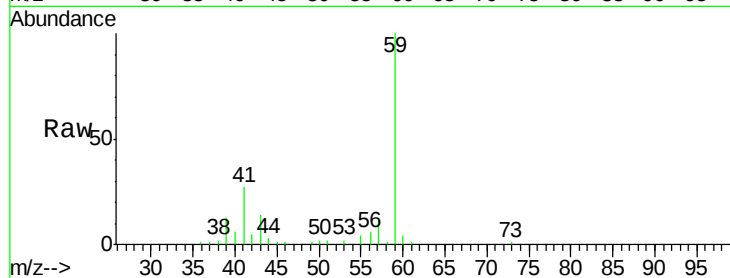
Tert butyl alcohol
 Concen: 221.945 ug/l
 RT: 5.18 min Scan# 538
 Delta R.T. 0.01 min
 Lab File: VW011927.D
 Acq: 15 Aug 2019 14:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	59	57	Ratio	100	11.7	Resp	41823	Lower	Upper
59	100								
57		11.7					8.5	12.7	

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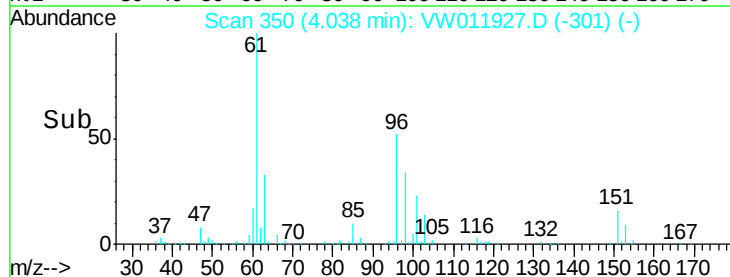
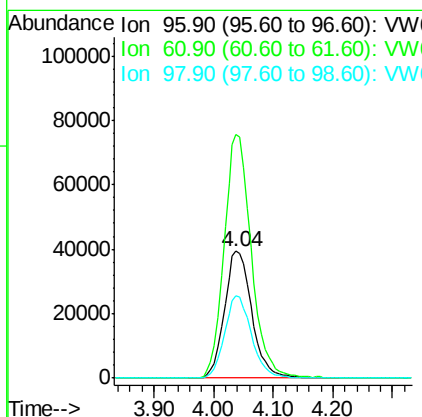
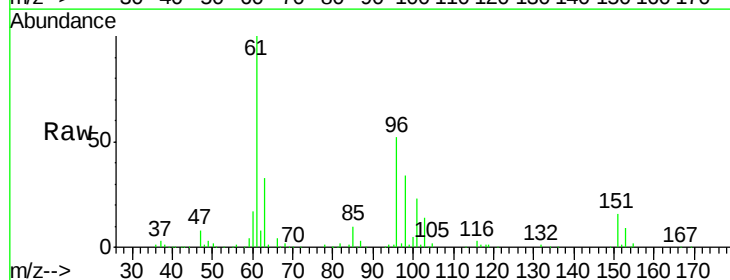
MMDadoda
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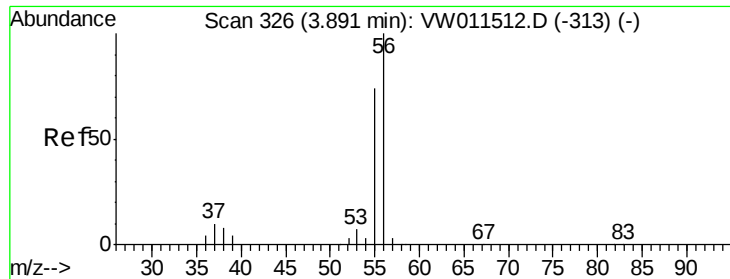


#12

1,1-Dichloroethene
 Concen: 54.778 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW011927.D
 Acq: 15 Aug 2019 14:32

Tgt Ion	96	61	98	Ratio	100	192.3	64.8	Resp	125723	Lower	Upper
96	100										
61		192.3								149.9	224.9
98		64.8								49.1	73.7





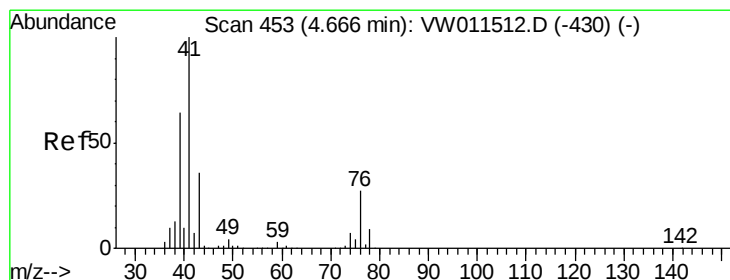
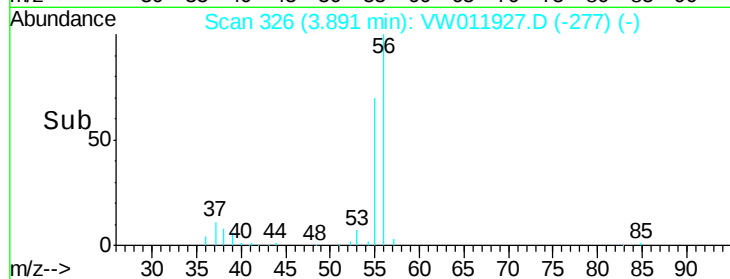
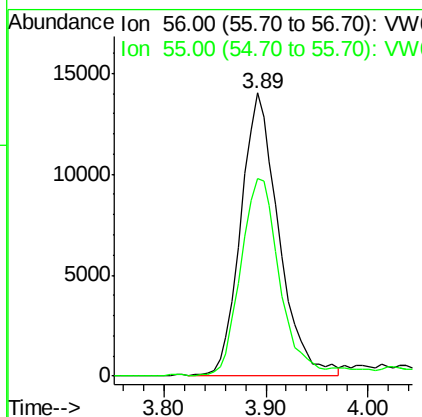
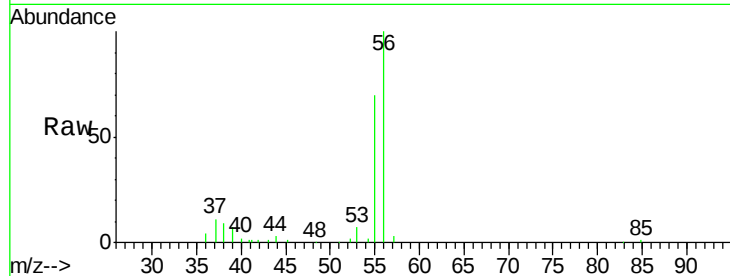
#13
Acrolein
Concen: 197.263 ug/l
RT: 3.89 min Scan# 326
Delta R.T. 0.00 min
Lab File: VW011927.D
Acq: 15 Aug 2019 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	72.3	56.0	84.0	

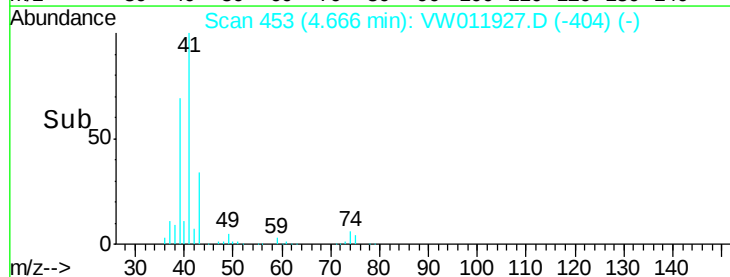
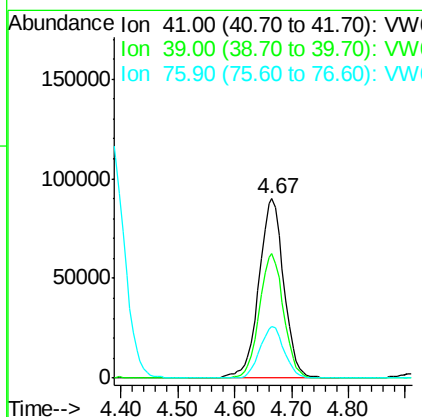
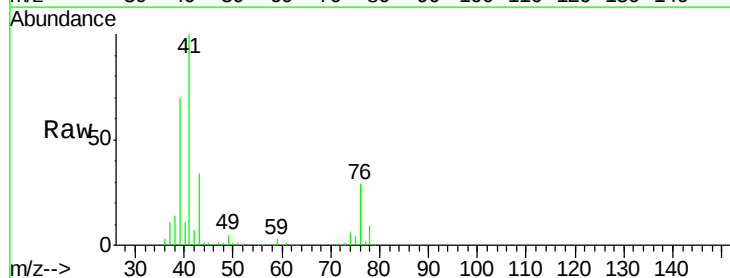
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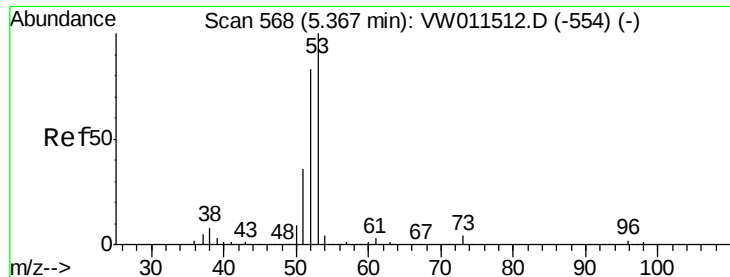
MMDadoda
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#14
Allyl chloride
Concen: 56.138 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW011927.D
Acq: 15 Aug 2019 14:32

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	67.4	52.6	78.8	
76	27.9	22.0	33.0	





#15

Acrylonitrile

Concen: 264.467 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW011927.D

Acq: 15 Aug 2019 14:32

Instrument :

MSVOA_W

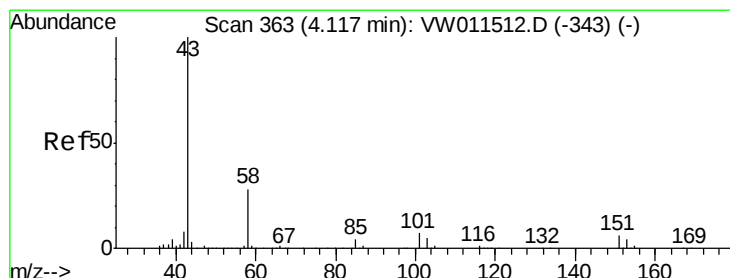
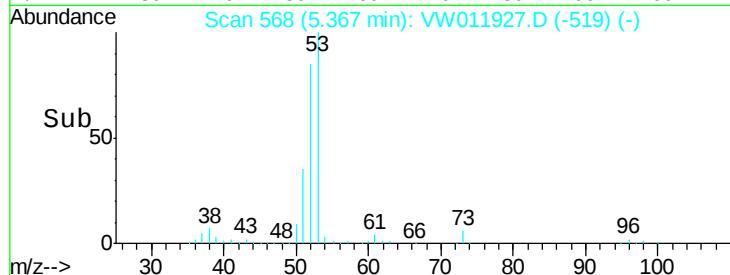
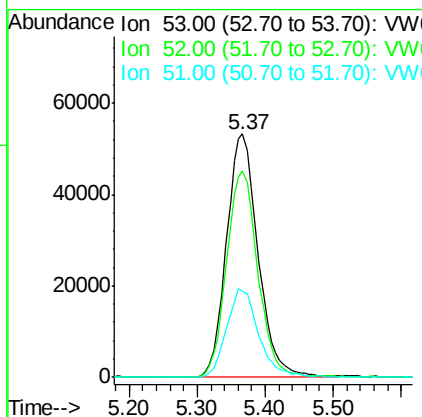
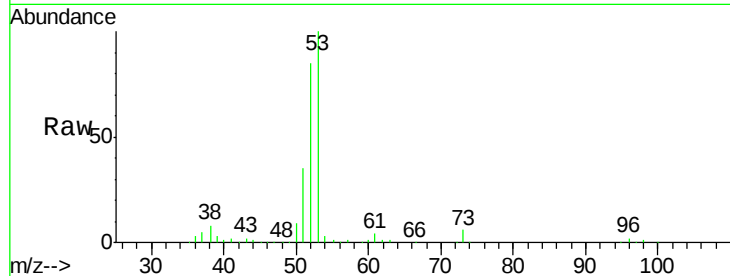
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	171524
Ion	Ratio	Lower	Upper
53	100		
52	84.3	67.2	100.8
51	37.3	30.0	45.0

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#16

Acetone

Concen: 266.197 ug/l

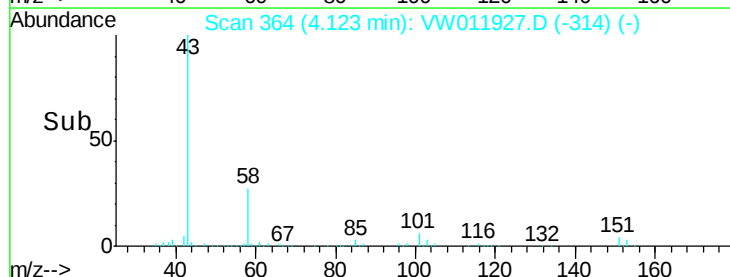
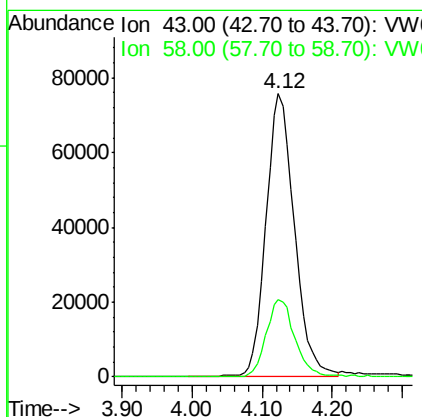
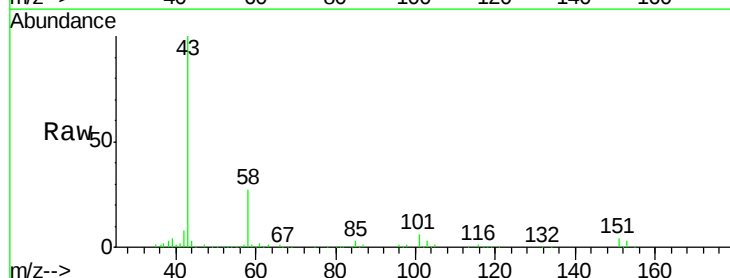
RT: 4.12 min Scan# 364

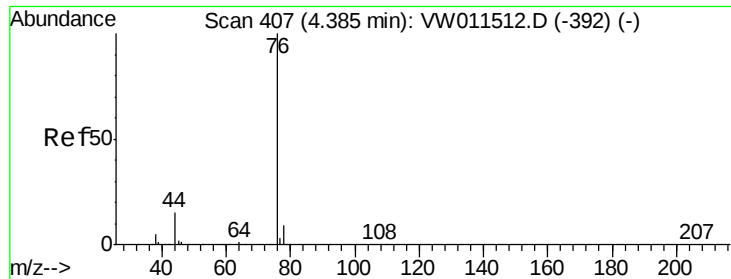
Delta R.T. 0.01 min

Lab File: VW011927.D

Acq: 15 Aug 2019 14:32

Tgt Ion:	43	Resp:	214279
Ion	Ratio	Lower	Upper
43	100		
58	27.3	22.3	33.5





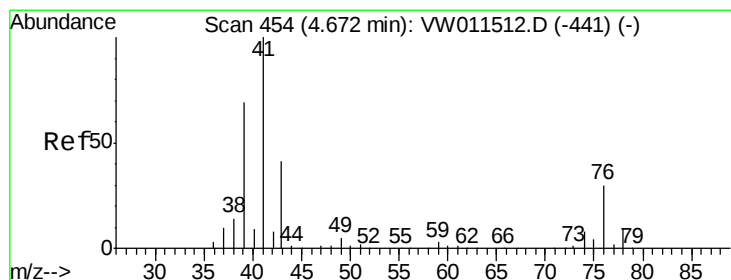
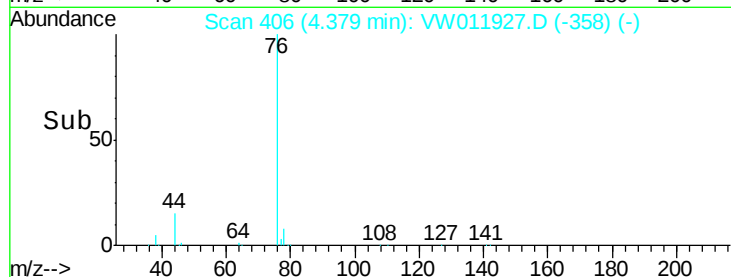
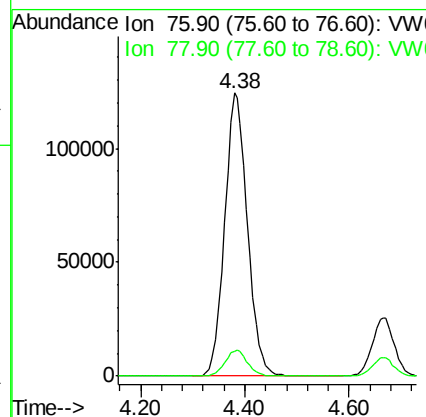
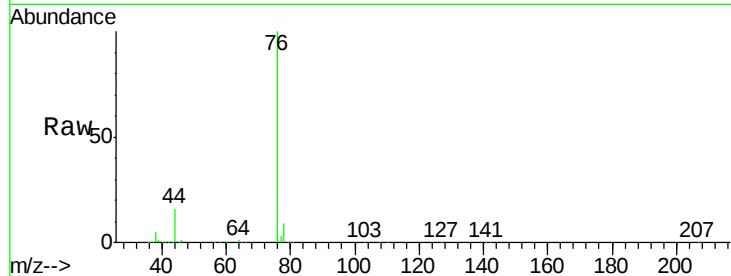
#17
Carbon Disulfide
Concen: 52.985 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW011927.D
Acq: 15 Aug 2019 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.1	10.7

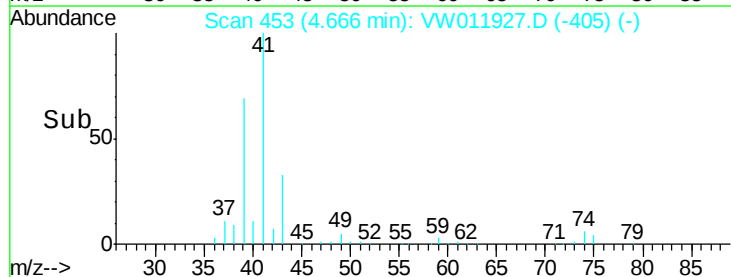
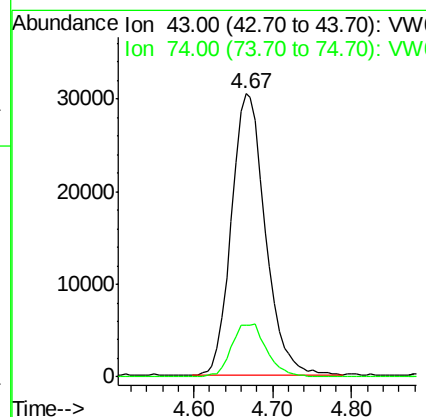
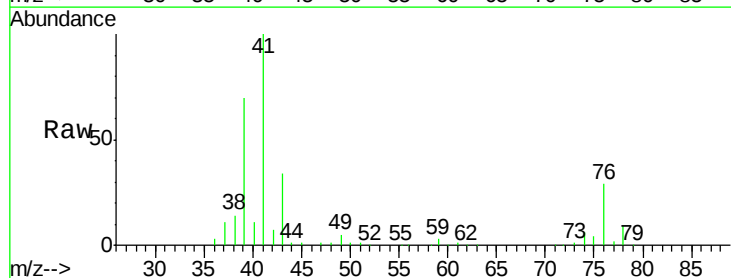
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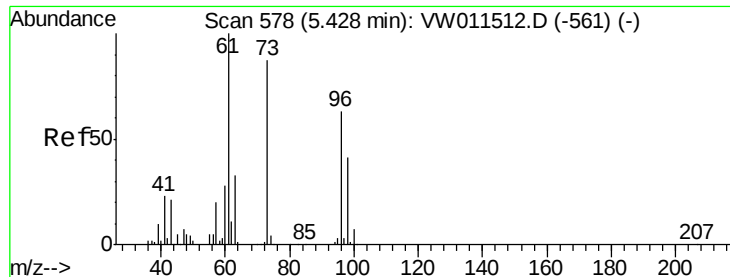
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#18
Methyl Acetate
Concen: 50.658 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW011927.D
Acq: 15 Aug 2019 14:32

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.5	15.9	23.9





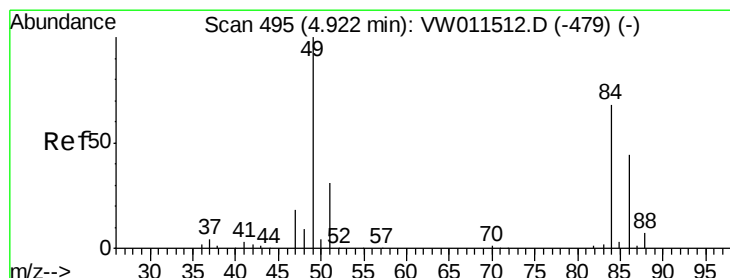
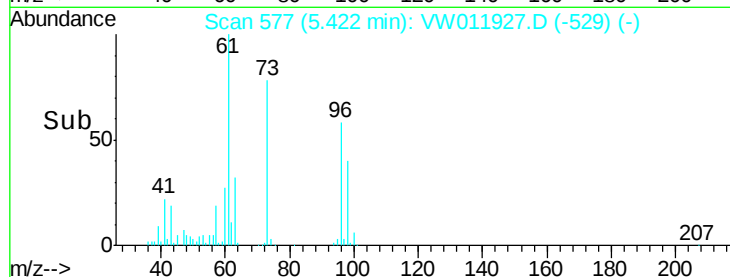
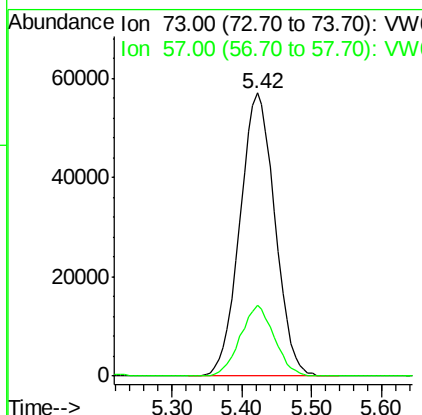
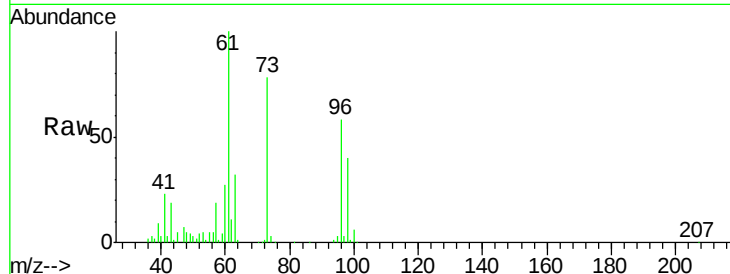
#19
Methyl tert-butyl Ether
Concen: 54.365 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW011927.D
Acq: 15 Aug 2019 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 198004
Ion Ratio Lower Upper
73 100
57 24.8 18.4 27.6

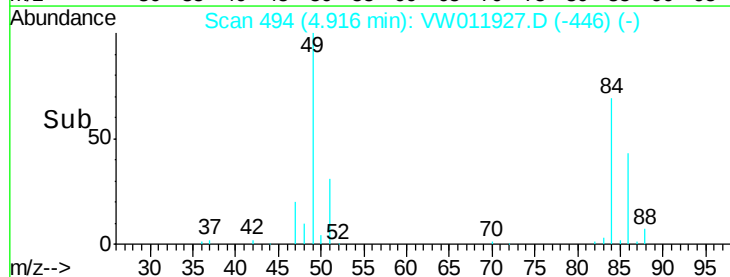
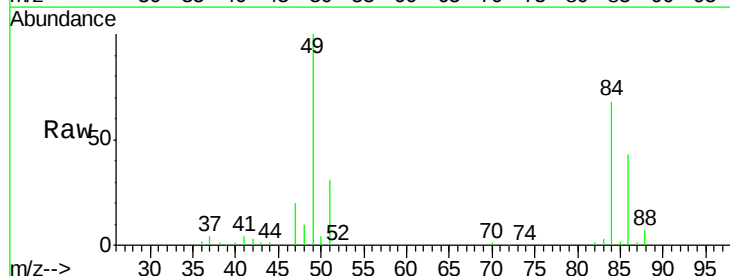
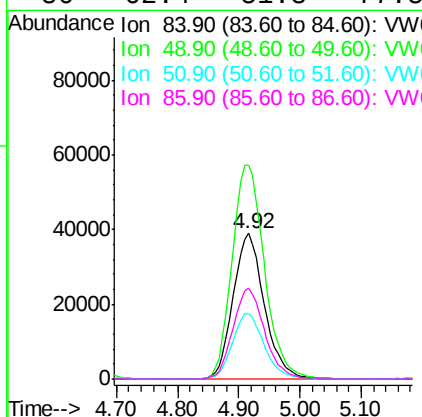
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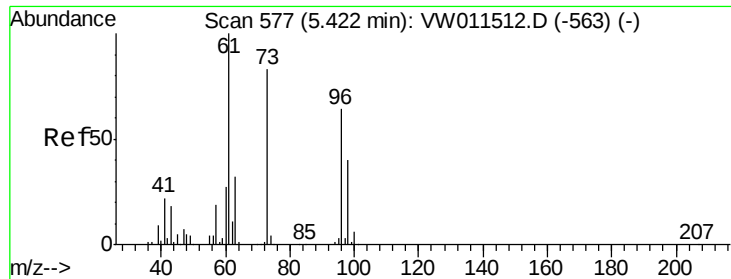
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#20
Methylene Chloride
Concen: 49.489 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW011927.D
Acq: 15 Aug 2019 14:32

Tgt Ion: 84 Resp: 137389
Ion Ratio Lower Upper
84 100
49 146.7 117.8 176.6
51 45.3 37.0 55.4
86 62.4 51.8 77.8





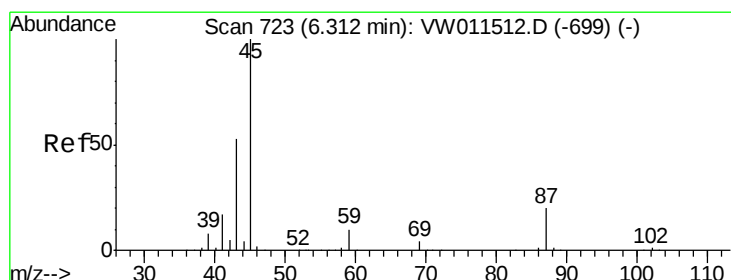
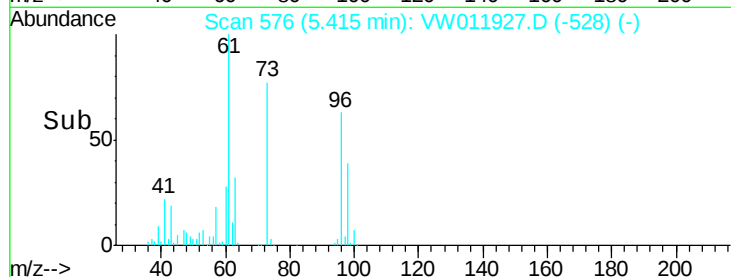
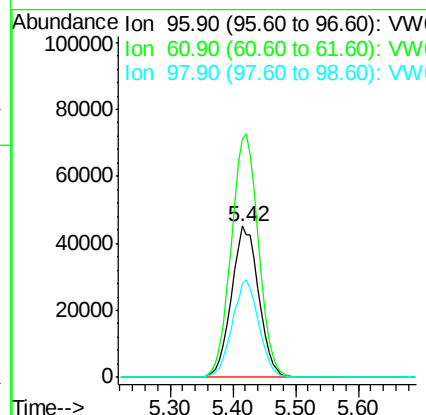
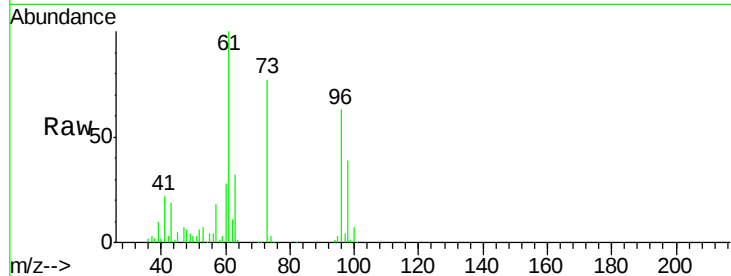
#21
trans-1,2-Dichloroethene
Concen: 54.675 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW011927.D
Acq: 15 Aug 2019 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	157.7	125.7	188.5
98	62.1	50.3	75.5

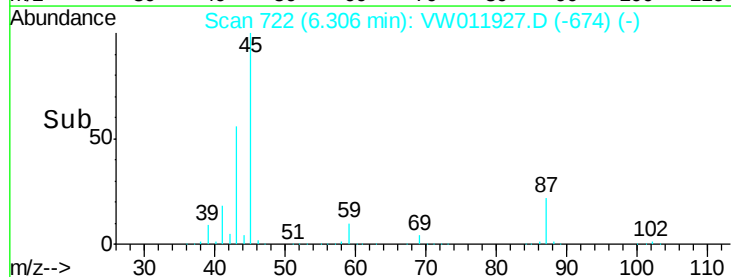
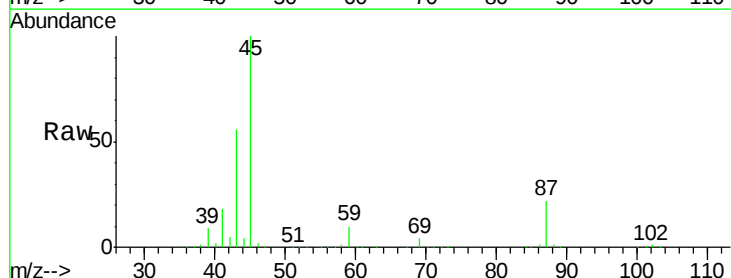
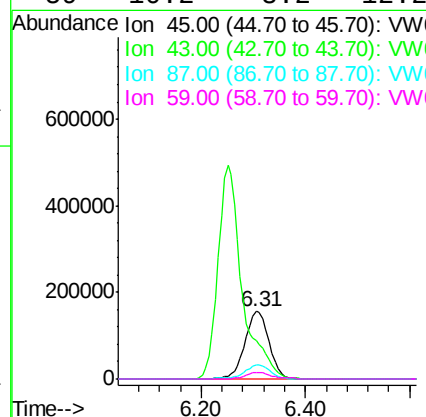
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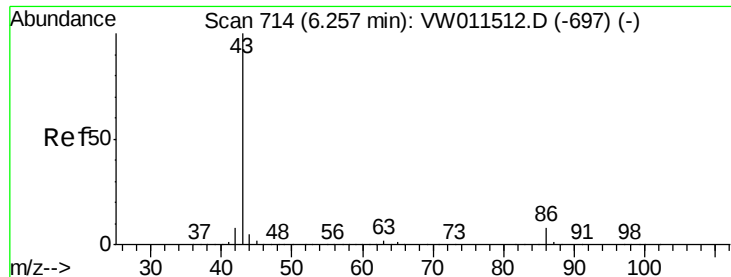
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#22
Diisopropyl ether
Concen: 54.473 ug/l
RT: 6.31 min Scan# 722
Delta R.T. -0.01 min
Lab File: VW011927.D
Acq: 15 Aug 2019 14:32

Tgt Ion	Ratio	Lower	Upper
45	100		
43	56.3	42.6	63.8
87	21.8	16.4	24.6
59	10.2	8.2	12.2





#23

Vinyl Acetate

Concen: 276.241 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW011927.D

Acq: 15 Aug 2019 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1597523

Ion Ratio Lower Upper

43 100

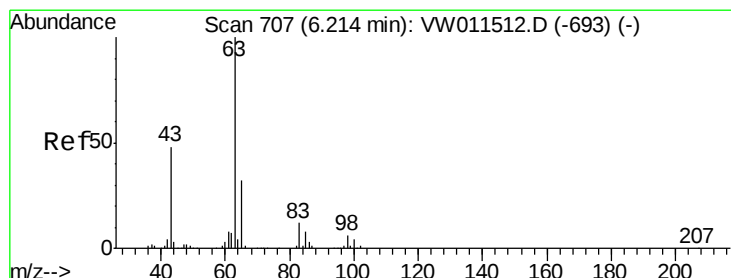
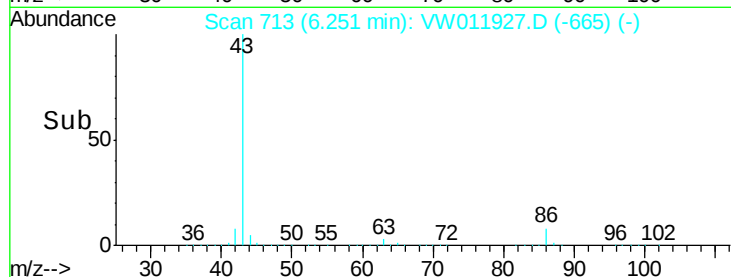
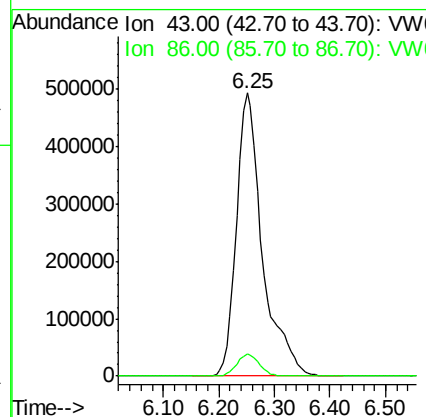
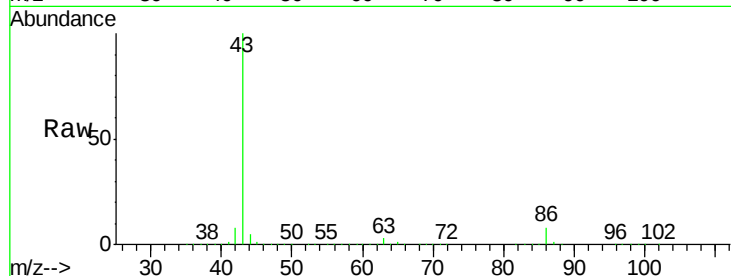
86 7.9 6.5 9.7

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#24

1,1-Dichloroethane

Concen: 54.526 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW011927.D

Acq: 15 Aug 2019 14:32

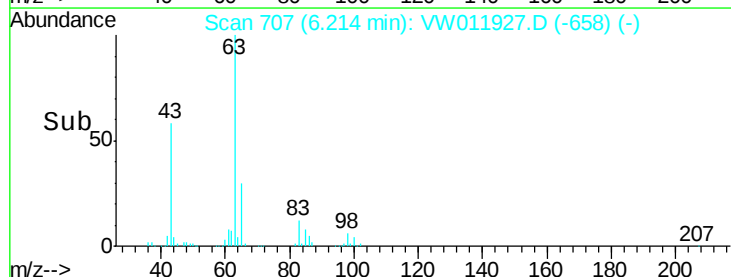
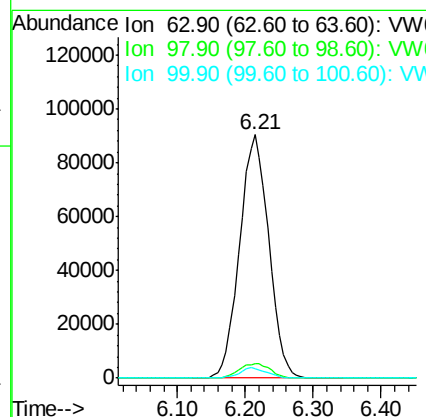
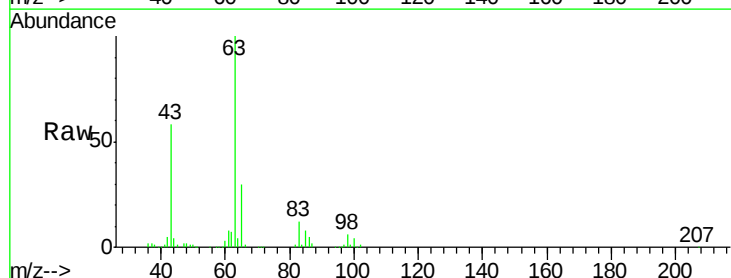
Tgt Ion: 63 Resp: 268763

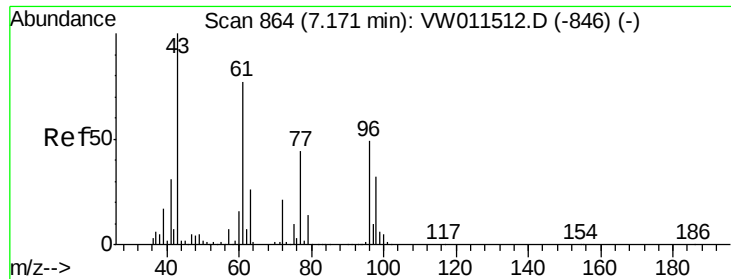
Ion Ratio Lower Upper

63 100

98 6.0 2.9 8.8

100 3.8 2.1 6.3





#25

2-Butanone

Concen: 254.757 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW011927.D

Acq: 15 Aug 2019 14:32

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 268340

Ion Ratio Lower Upper

43 100

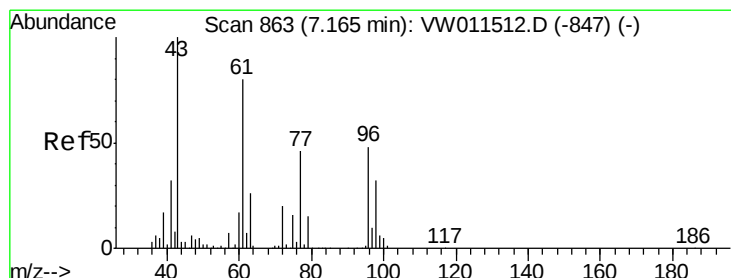
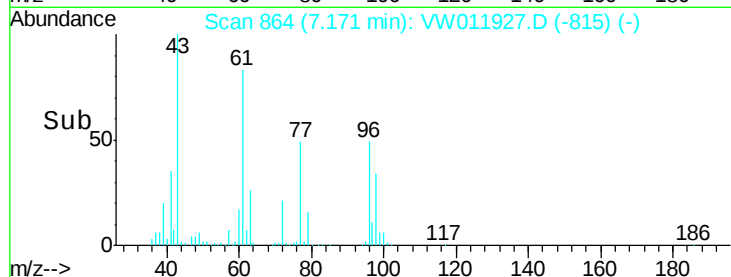
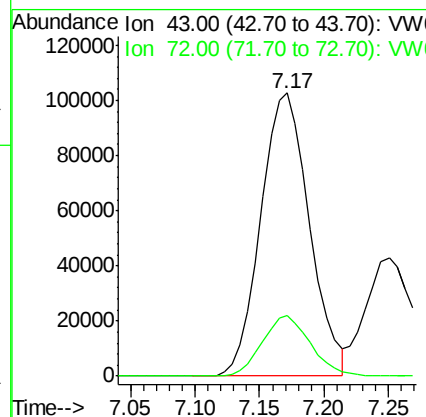
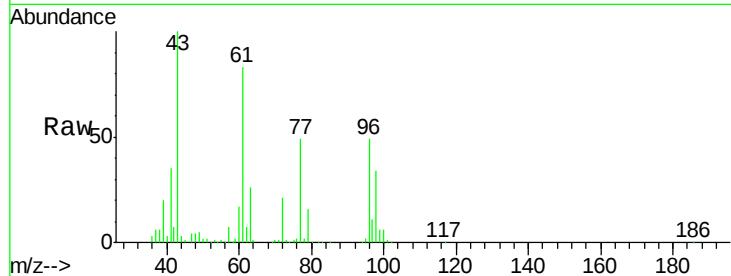
72 21.4 16.6 24.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 50.958 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW011927.D

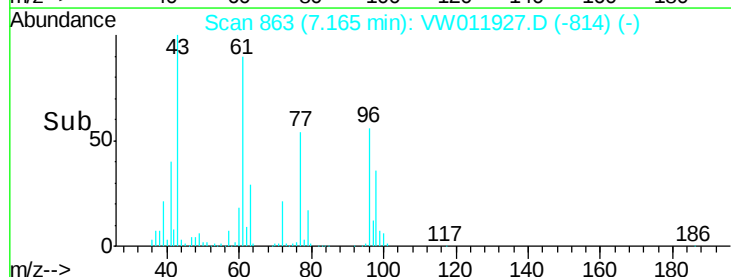
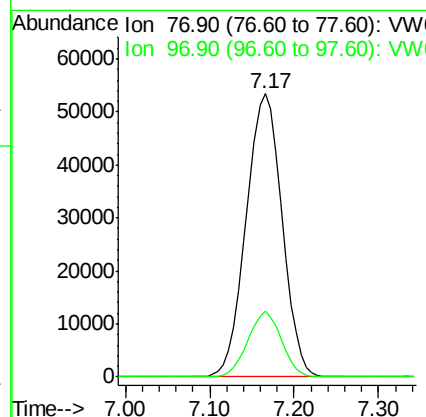
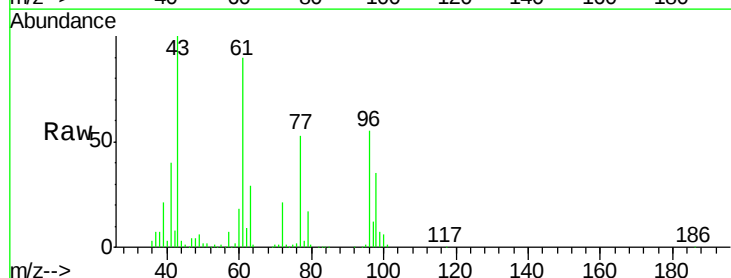
Acq: 15 Aug 2019 14:32

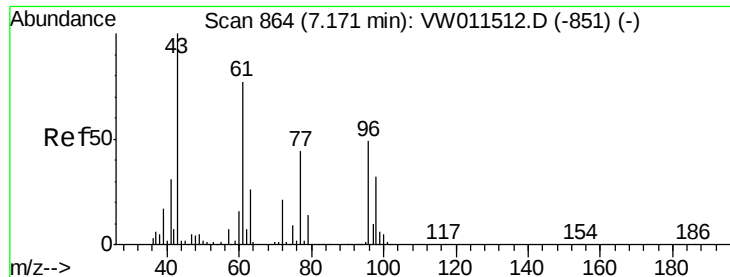
Tgt Ion: 77 Resp: 154472

Ion Ratio Lower Upper

77 100

97 21.8 10.8 32.4





#27

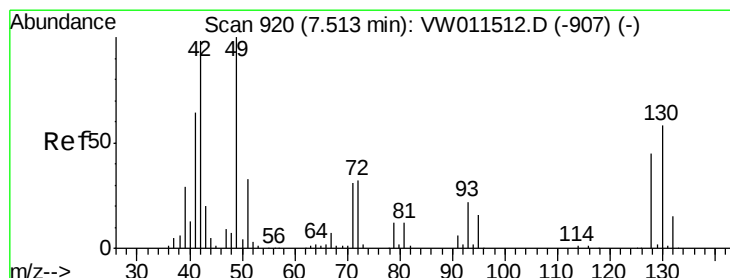
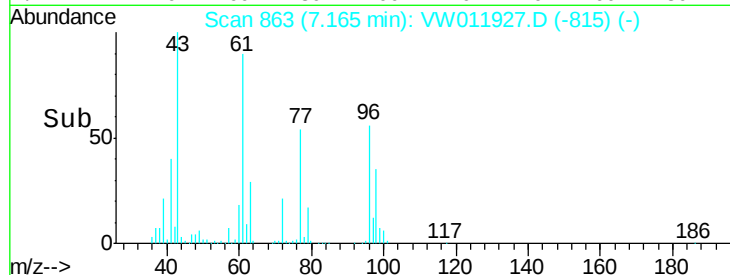
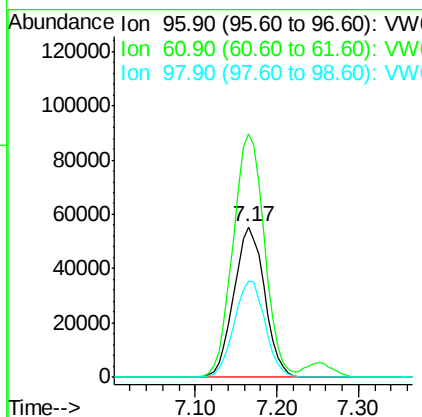
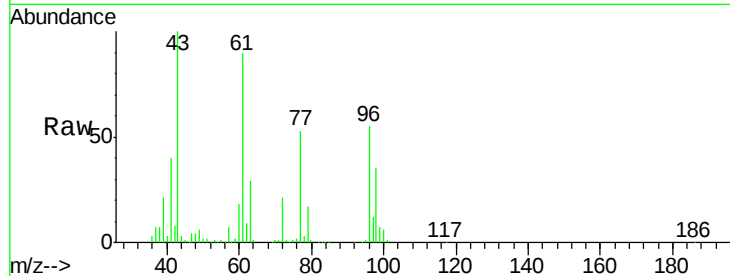
cis-1,2-Dichloroethene
Concen: 53.094 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW011927.D
Acq: 15 Aug 2019 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	164.5	0.0	328.4
98	64.6	0.0	128.8

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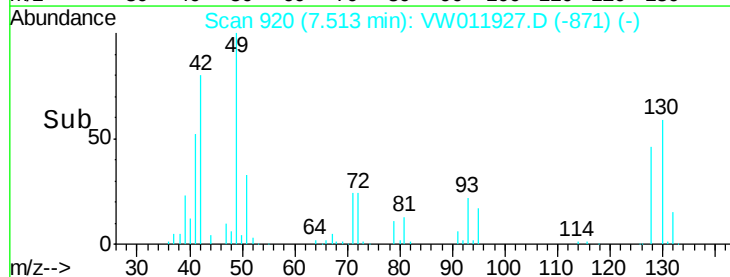
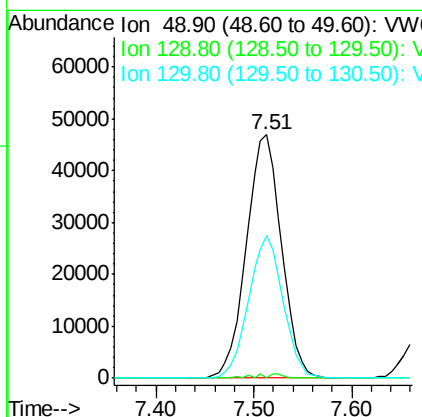
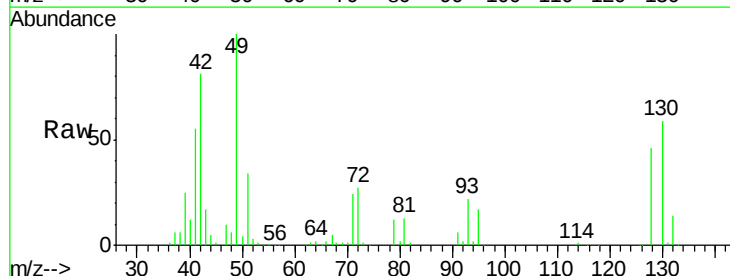
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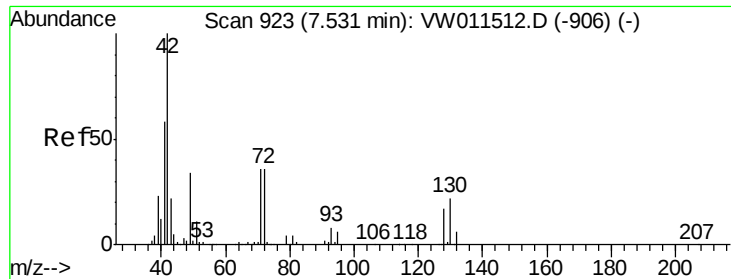


#28

Bromochloromethane
Concen: 53.414 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW011927.D
Acq: 15 Aug 2019 14:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	1.0#
130	57.1	46.3	69.5





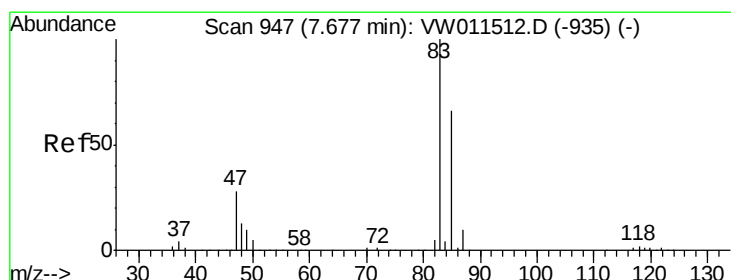
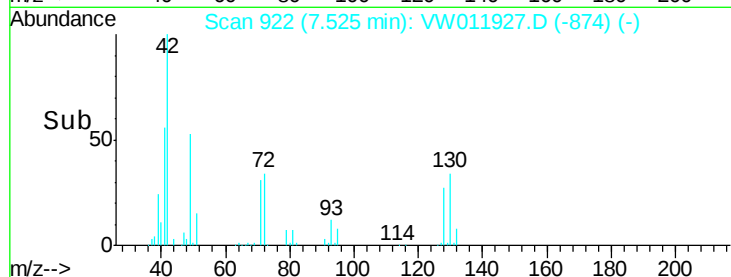
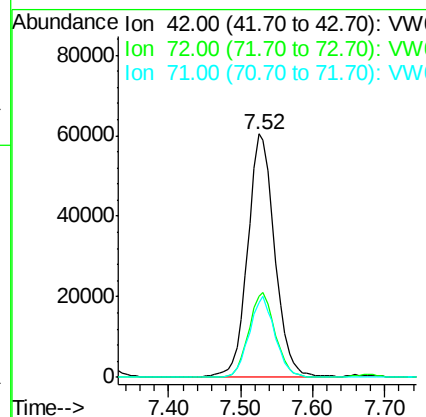
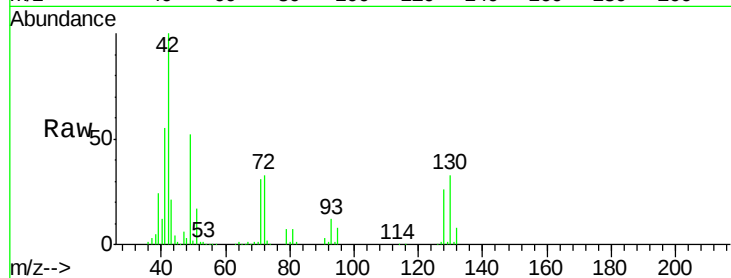
#29
Tetrahydrofuran
Concen: 260.468 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW011927.D
Acq: 15 Aug 2019 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.0	27.1	40.7
71	31.8	26.2	39.4

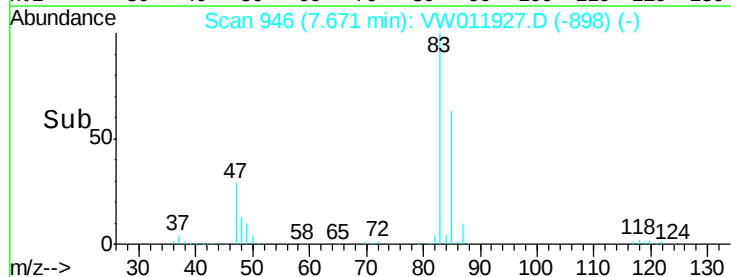
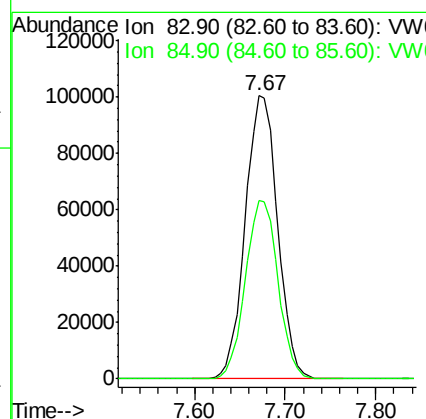
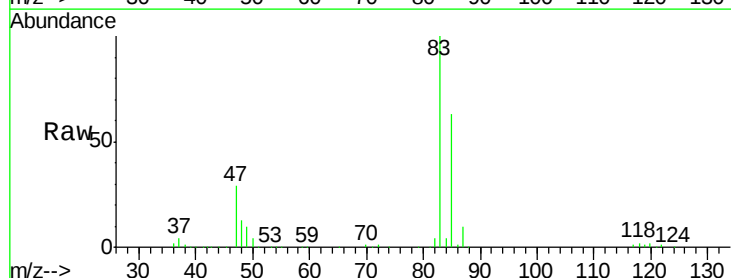
Manual Integrations
APPROVED

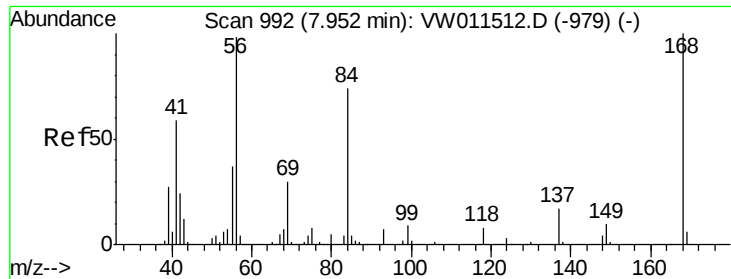
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#30
Chloroform
Concen: 54.609 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW011927.D
Acq: 15 Aug 2019 14:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.9	52.5	78.7





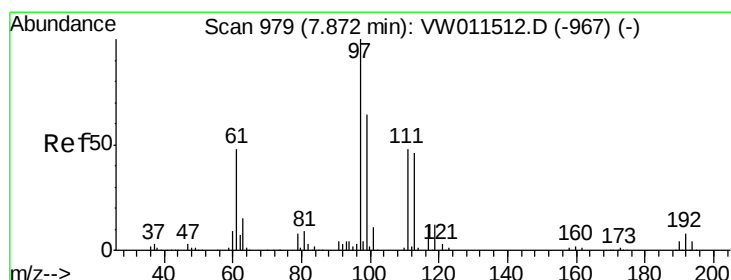
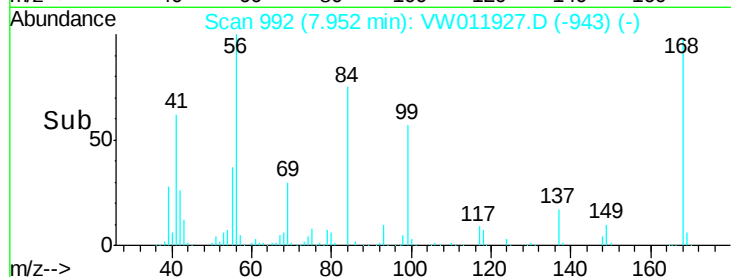
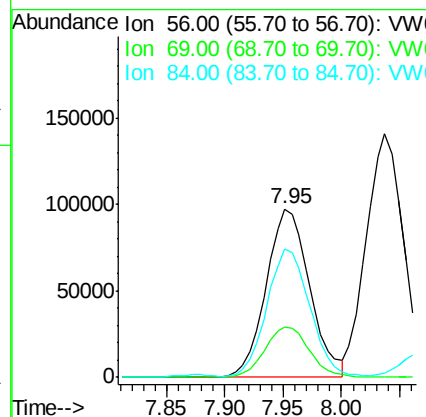
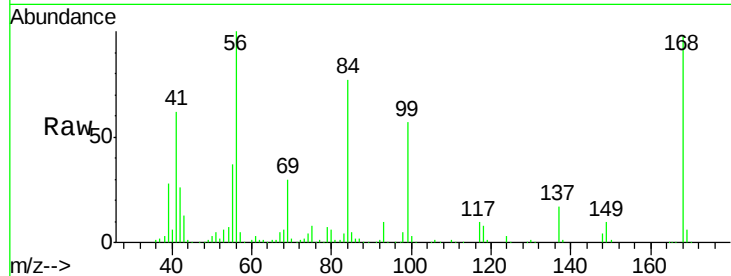
#31
Cyclohexane
Concen: 53.403 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW011927.D
Acq: 15 Aug 2019 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	56	Resp:	252675
Ion Ratio	Lower	Upper	
56	100		
69	29.9	24.3	36.5
84	75.1	60.4	90.6

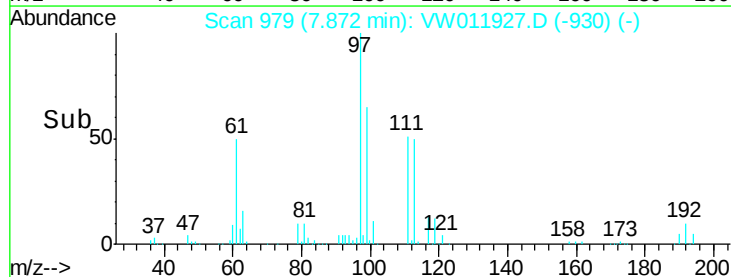
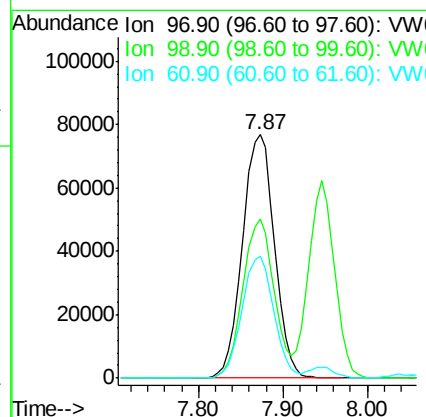
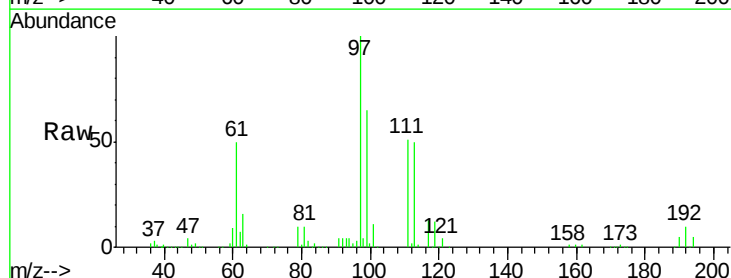
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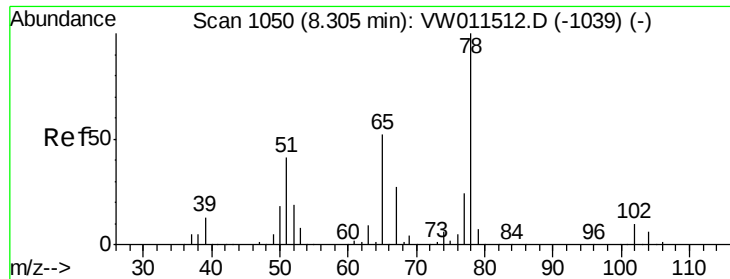
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#32
1,1,1-Trichloroethane
Concen: 56.961 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW011927.D
Acq: 15 Aug 2019 14:32

Tgt Ion:	97	Resp:	197267
Ion Ratio	Lower	Upper	
97	100		
99	64.0	51.0	76.6
61	50.0	39.8	59.6





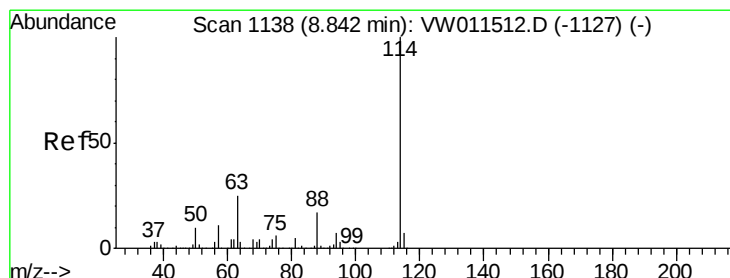
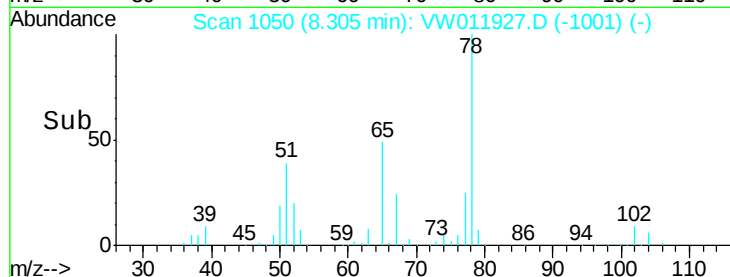
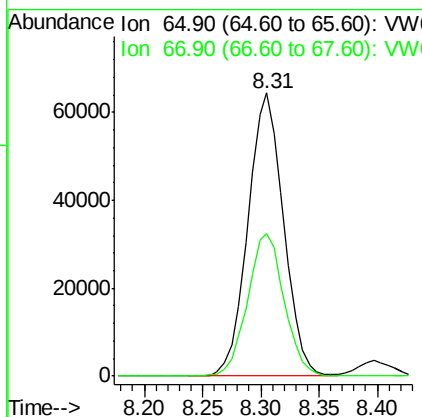
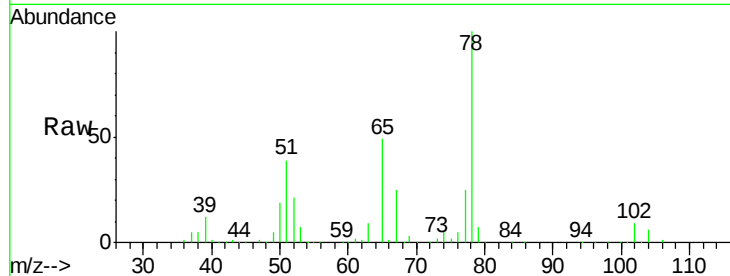
#33
 1,2-Dichloroethane-d4
 Concen: 54.013 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW011927.D
 Acq: 15 Aug 2019 14:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	136684		
67	51.7	0.0	105.2	

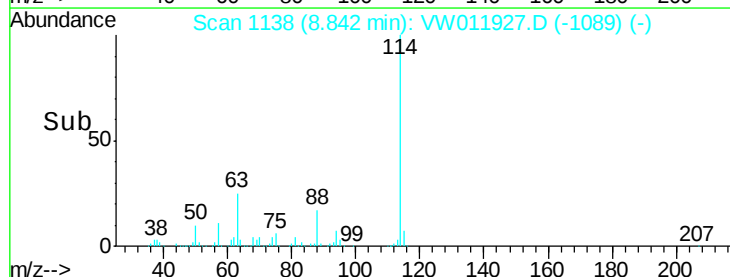
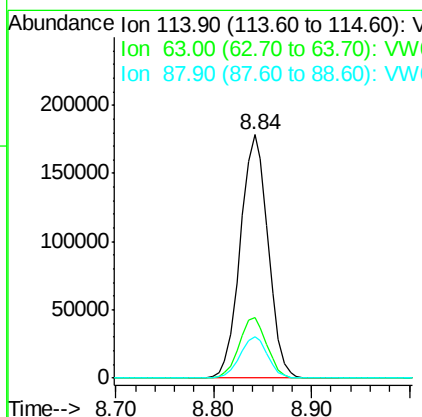
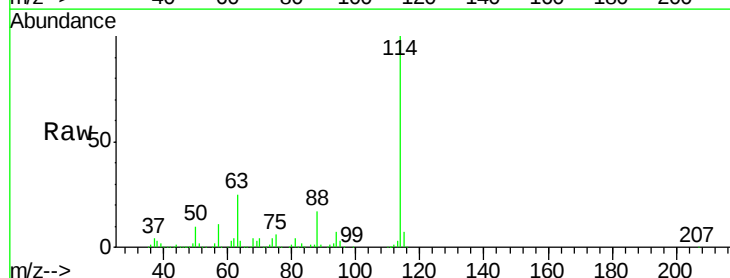
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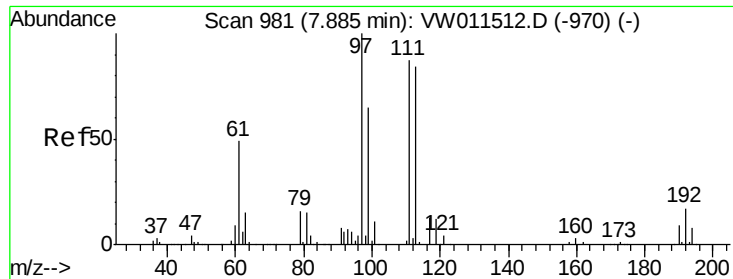
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011927.D
 Acq: 15 Aug 2019 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	349327		
63	24.6	0.0	49.2	
88	17.0	0.0	33.8	





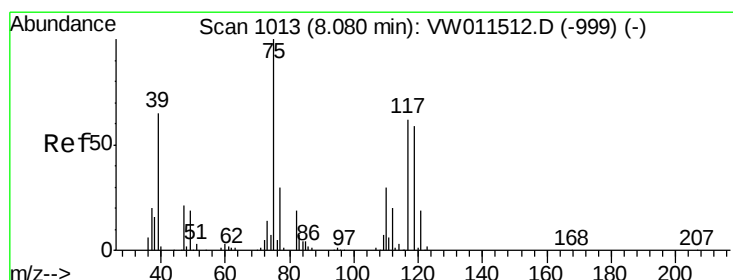
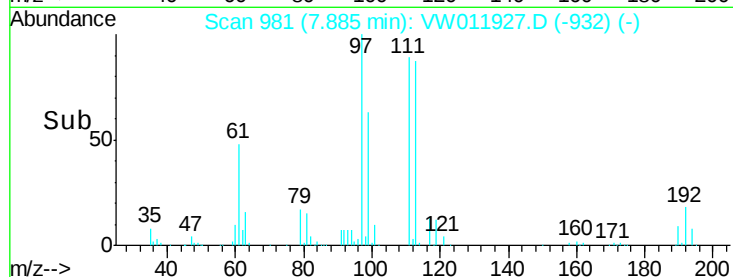
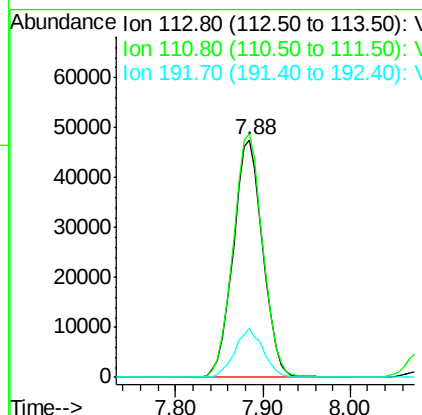
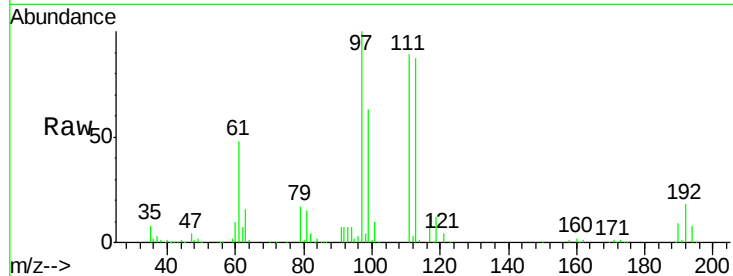
#35
 Dibromofluoromethane
 Concen: 56.837 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011927.D
 Acq: 15 Aug 2019 14:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	111389		
111	103.4	82.7	124.1	
192	19.8	16.1	24.1	

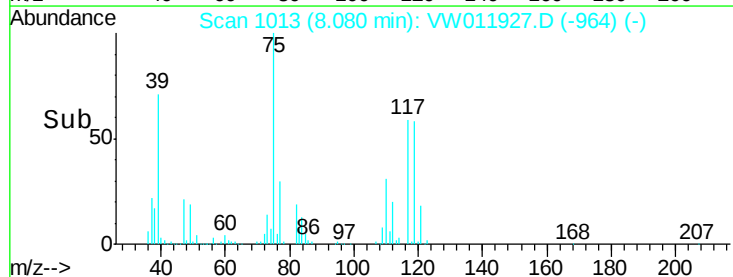
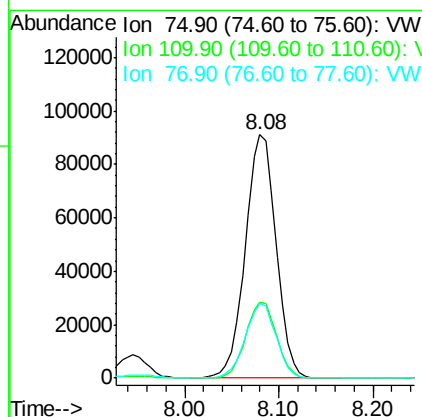
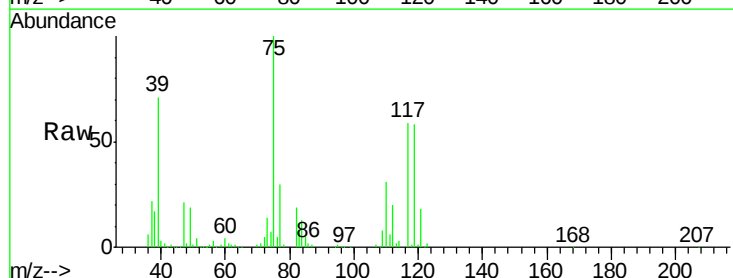
Manual Integrations
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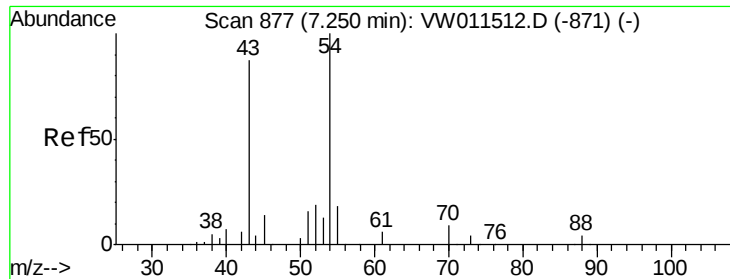
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#36
 1,1-Dichloropropene
 Concen: 56.878 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW011927.D
 Acq: 15 Aug 2019 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	206601		
110	31.4	15.6	46.8	
77	30.9	24.3	36.5	





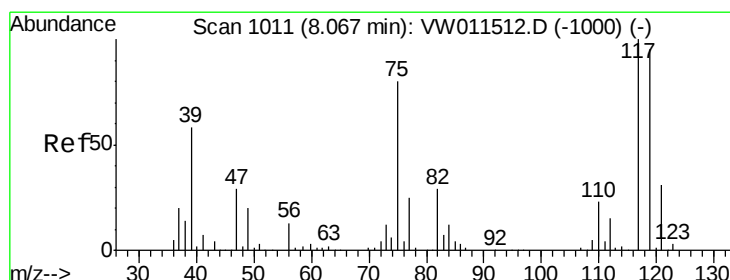
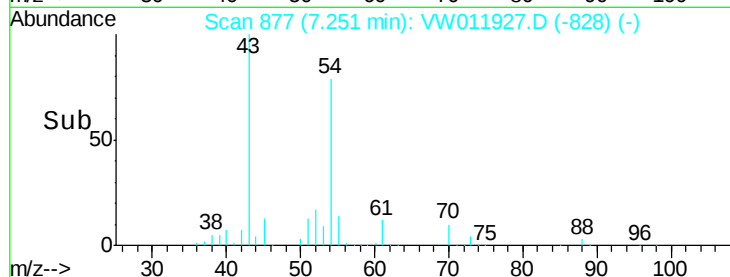
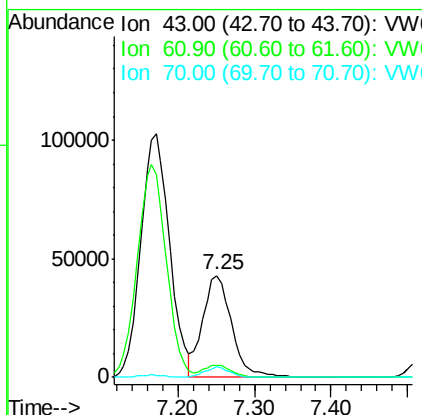
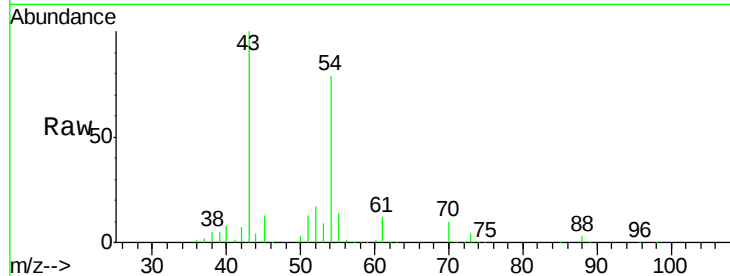
#37
Ethyl Acetate
Concen: 53.594 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW011927.D
Acq: 15 Aug 2019 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
43	100	112000		
61	12.0		8.8	13.2
70	8.8		7.1	10.7

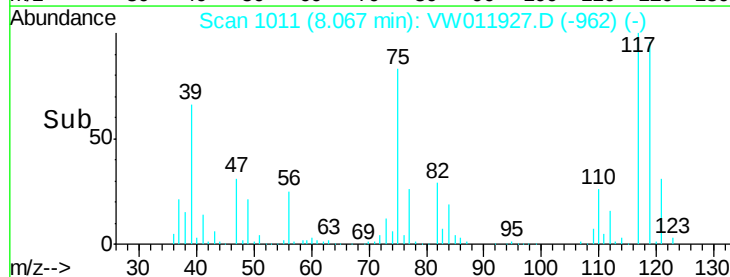
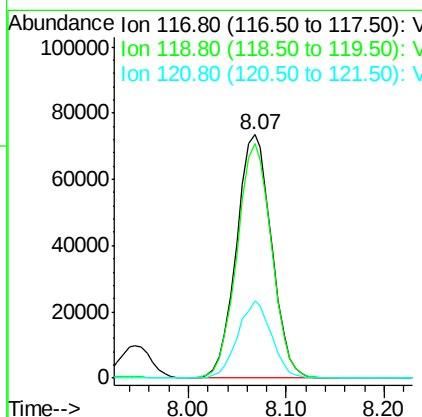
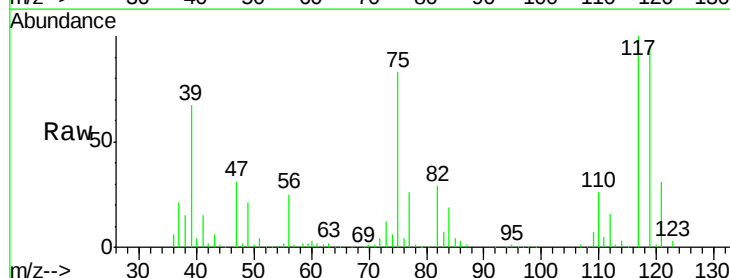
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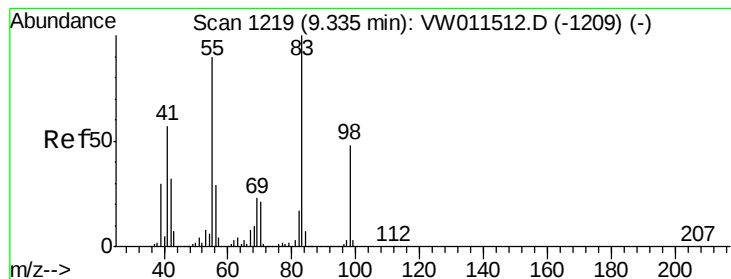
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#38
Carbon Tetrachloride
Concen: 58.929 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW011927.D
Acq: 15 Aug 2019 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	183242		
119	96.5		75.8	113.6
121	31.5		24.7	37.1





#39

Methvlcvclohexane

Concen: 57.252 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VW011927.D

Acq: 15 Aug 2019 14:32

Instrument :

MSVOA_W

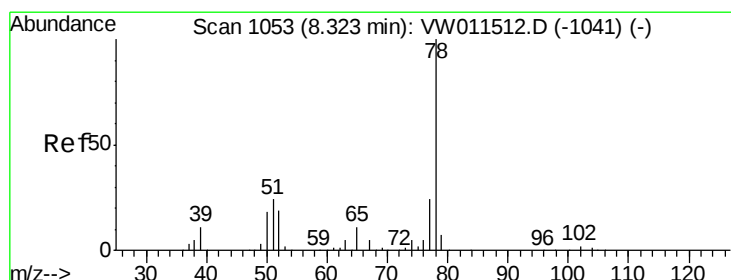
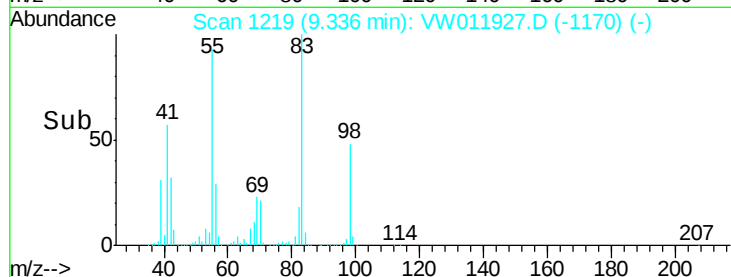
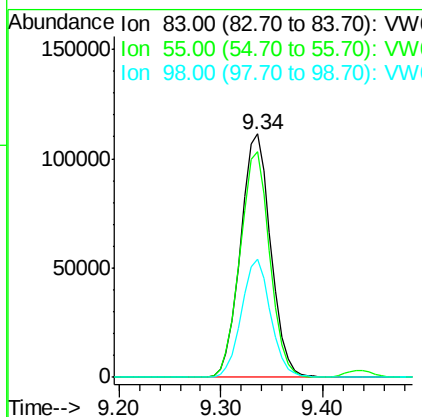
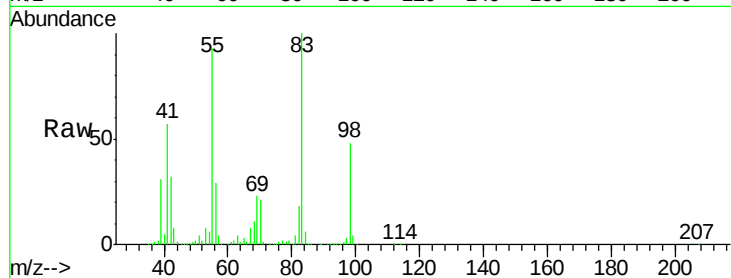
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	228990
Ion	Ratio	Lower	Upper
83	100		
55	92.9	72.1	108.1
98	48.4	38.6	57.8

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#40

Benzene

Concen: 55.025 ug/l

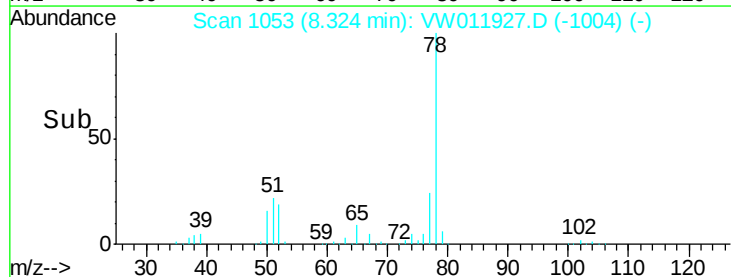
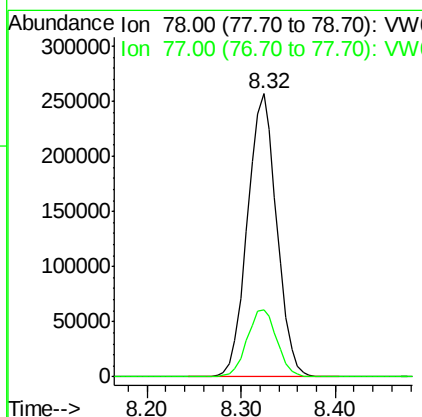
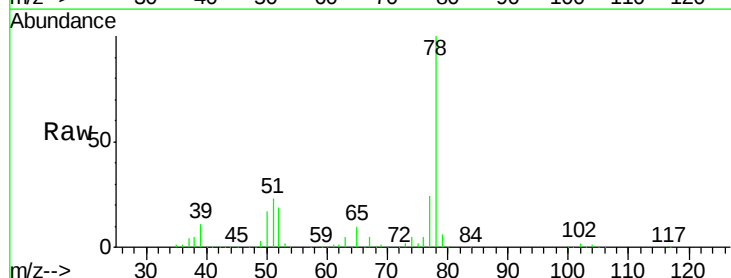
RT: 8.32 min Scan# 1053

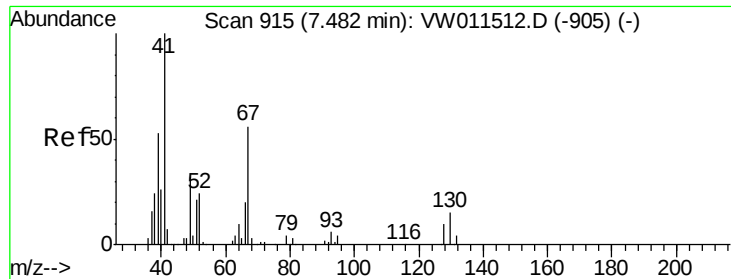
Delta R.T. 0.00 min

Lab File: VW011927.D

Acq: 15 Aug 2019 14:32

Tgt Ion:	78	Resp:	559847
Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.4	29.0





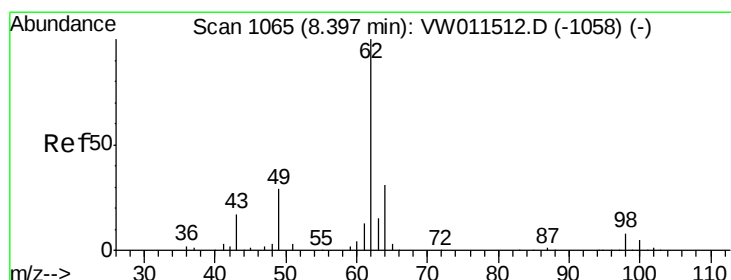
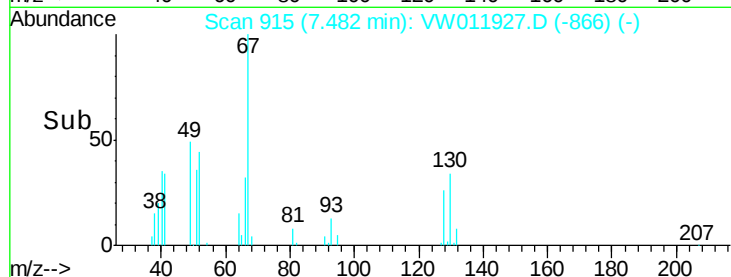
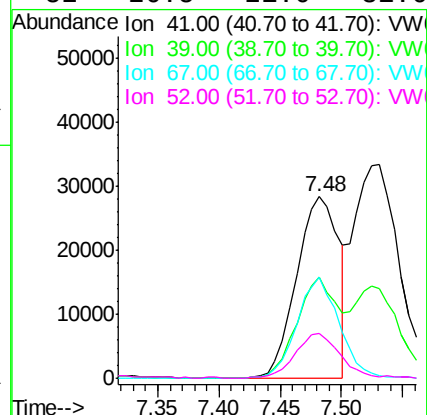
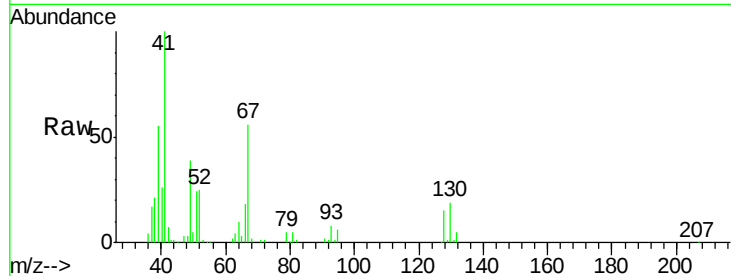
#41
Methacrylonitrile
Concen: 54.534 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW011927.D
Acq: 15 Aug 2019 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
68125	41	100		
	39	52.6	43.0	64.4
	67	56.2	47.5	71.3
	52	26.5	21.0	31.6

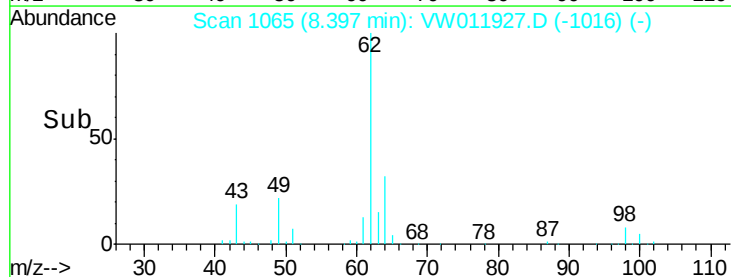
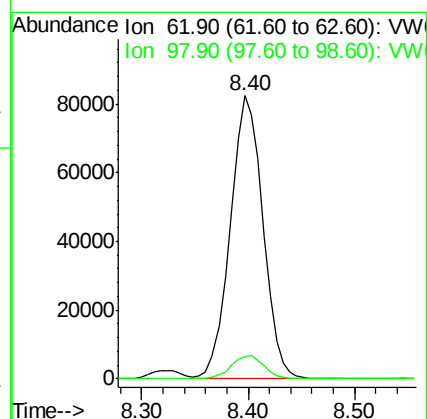
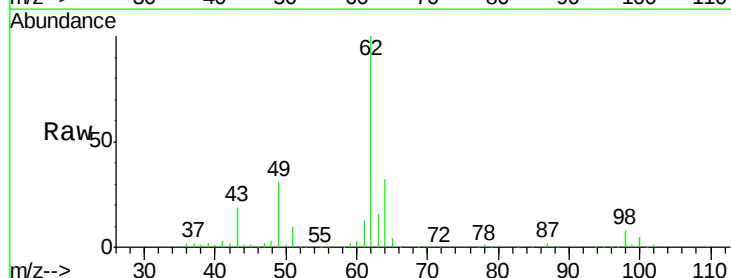
Manual Integrations
APPROVED

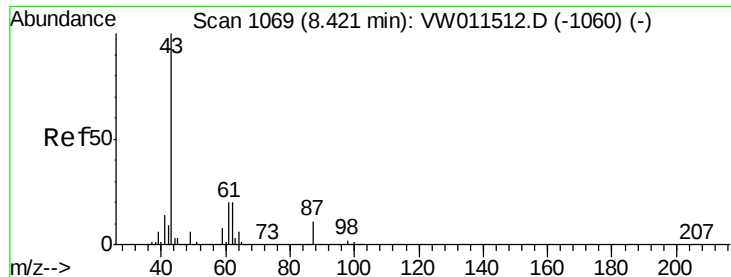
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#42
1,2-Dichloroethane
Concen: 55.441 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW011927.D
Acq: 15 Aug 2019 14:32

Tgt Ion	Ion	Ratio	Lower	Upper
176605	62	100		
	98	8.3	0.0	16.8





#43

Isopropyl Acetate

Concen: 55.088 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW011927.D

Acq: 15 Aug 2019 14:32

Instrument :

MSVOA_W

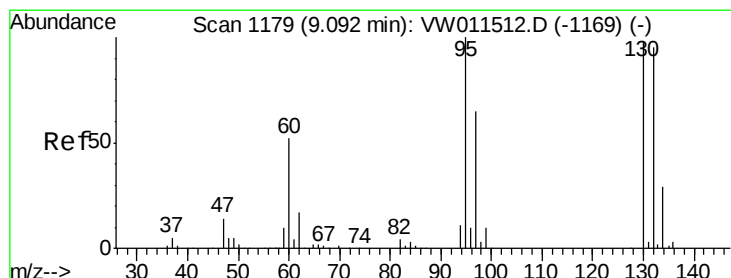
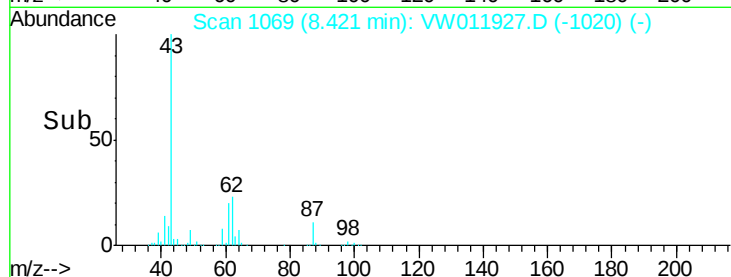
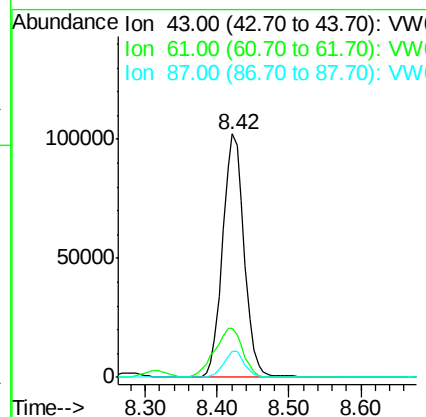
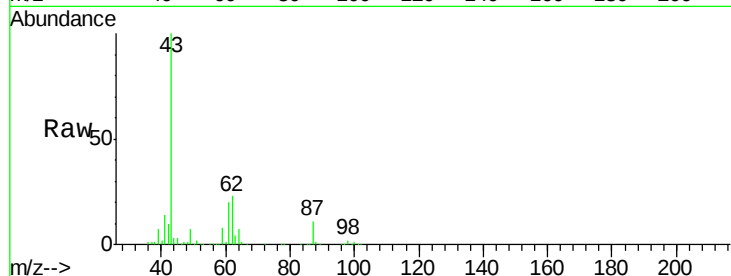
ClientSampleId :

VSTDCCC050

Tot Ion	43	Resp	211721
Ion	Ratio	Lower	Upper
43	100		
61	26.3	21.5	32.3
87	10.3	8.4	12.6

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#44

Trichloroethene

Concen: 55.553 ug/l

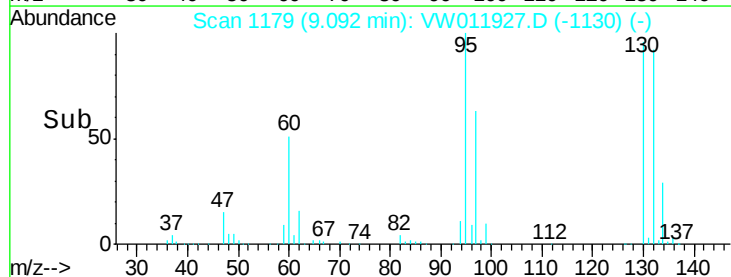
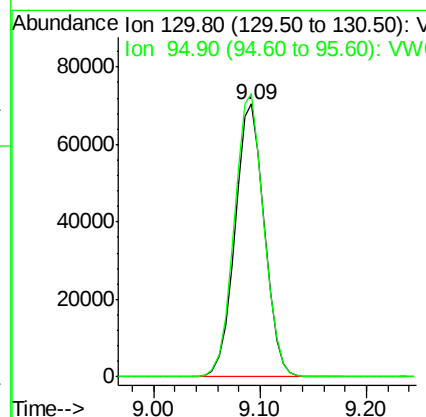
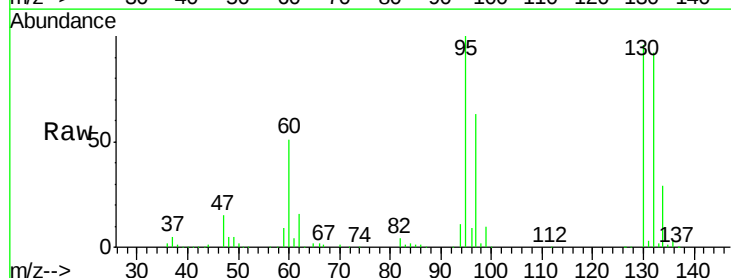
RT: 9.09 min Scan# 1179

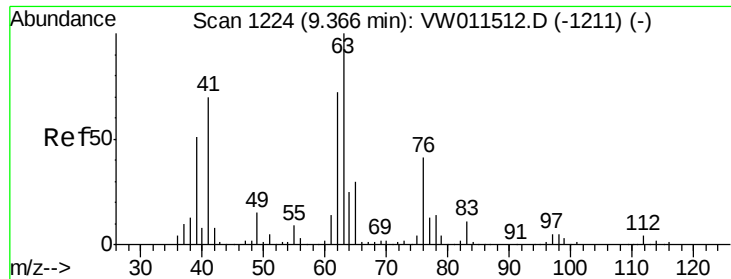
Delta R.T. 0.00 min

Lab File: VW011927.D

Acq: 15 Aug 2019 14:32

Tgt Ion	130	Resp	135849
Ion	Ratio	Lower	Upper
130	100		
95	103.8	0.0	204.8





#45

1,2-Dichloropropane

Concen: 55.554 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW011927.D

Acq: 15 Aug 2019 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 151236

Ion Ratio Lower Upper

63 100

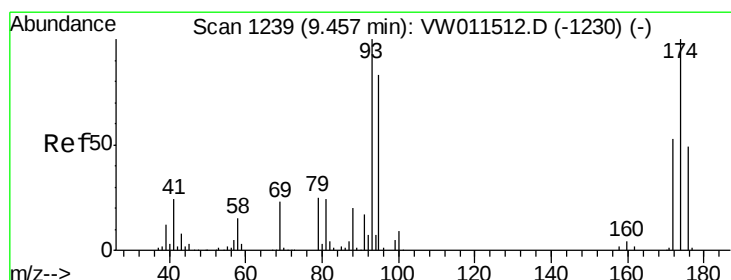
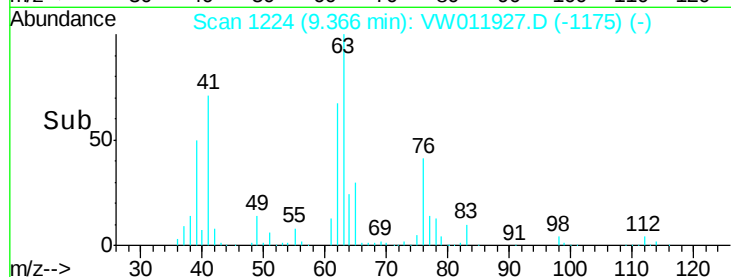
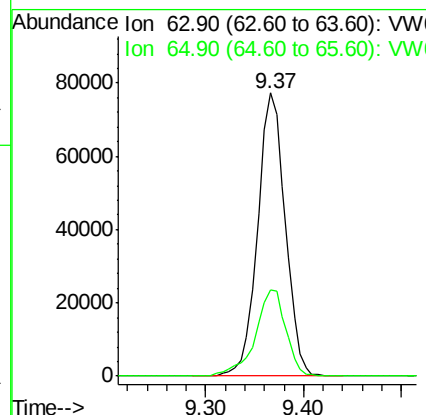
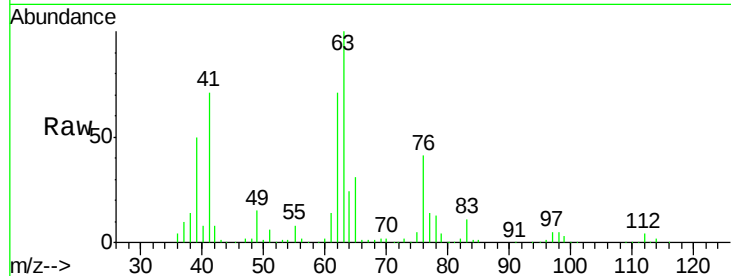
65 30.5 24.2 36.4

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#46

Dibromomethane

Concen: 54.943 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW011927.D

Acq: 15 Aug 2019 14:32

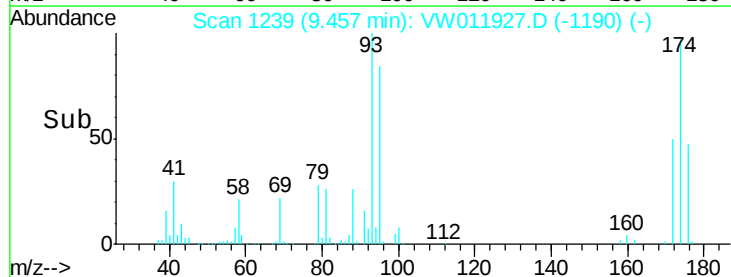
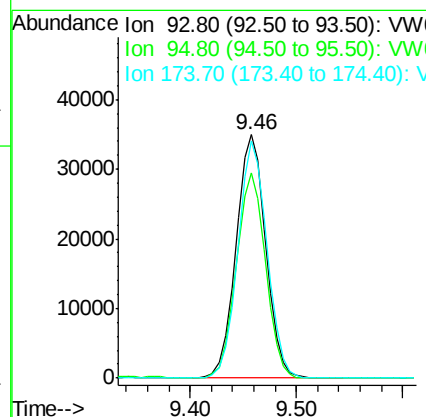
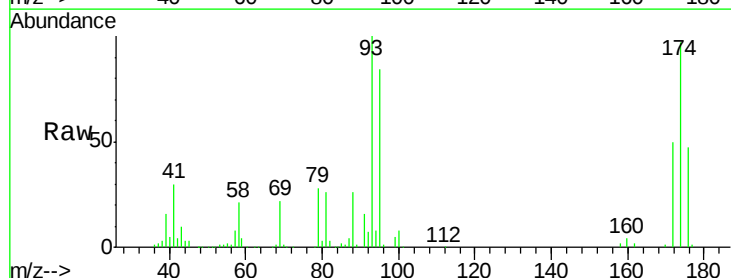
Tgt Ion: 93 Resp: 68268

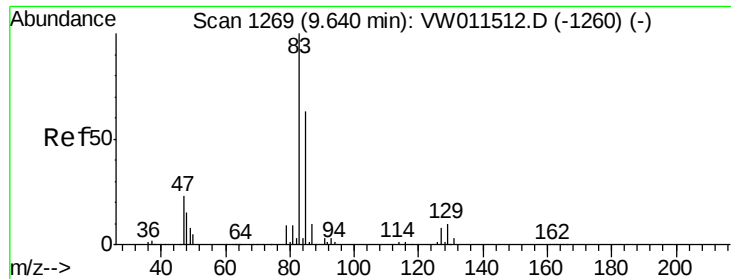
Ion Ratio Lower Upper

93 100

95 83.2 66.2 99.2

174 95.4 78.2 117.4





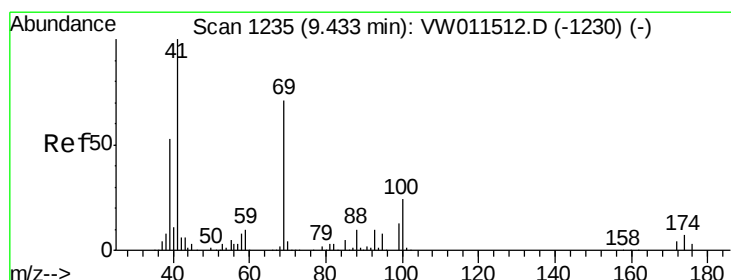
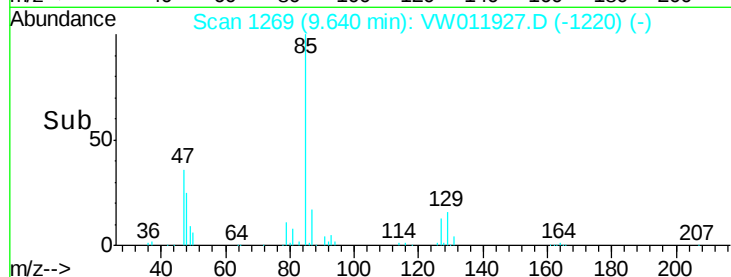
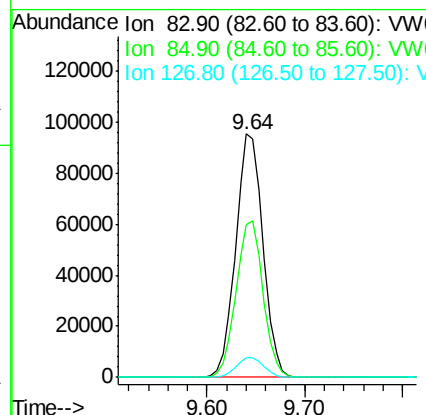
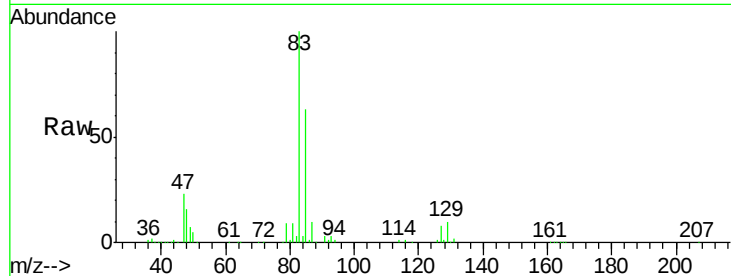
#47
Bromodichloromethane
Concen: 56.489 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VW011927.D
Acq: 15 Aug 2019 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	184115		
85	62.7	50.5	75.7	
127	7.9	6.4	9.6	

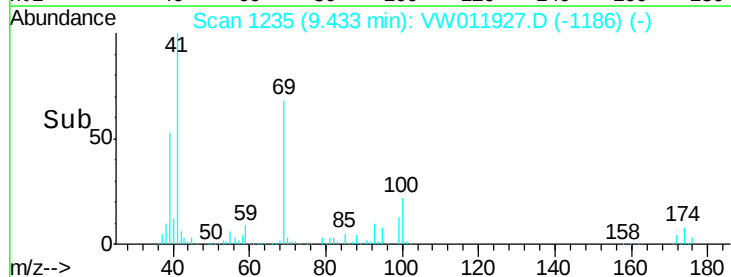
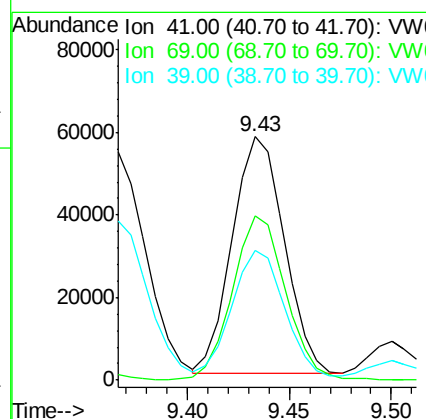
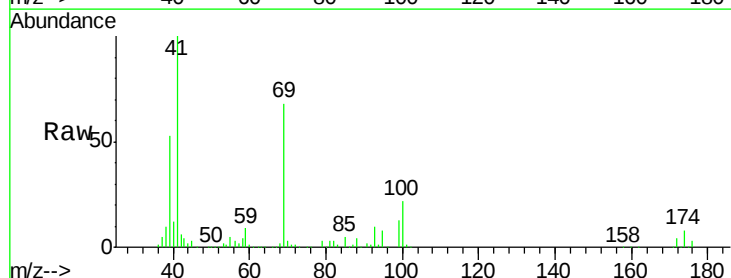
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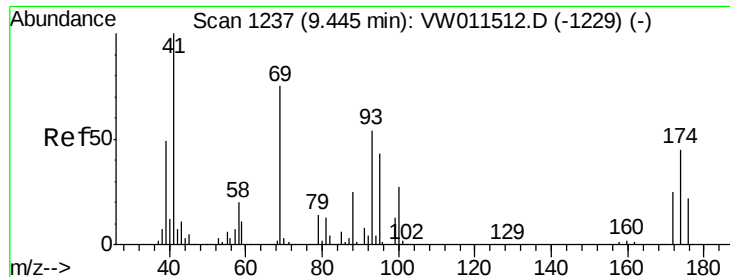
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#48
Methyl methacrylate
Concen: 54.907 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW011927.D
Acq: 15 Aug 2019 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	101368		
69	72.1	57.1	85.7	
39	52.7	45.4	68.2	





#49

1,4-Dioxane

Concen: 1097.880 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW011927.D

Acq: 15 Aug 2019 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 88 Resp: 19752

Ion Ratio Lower Upper

88 100

43 0.0 34.0 51.0#

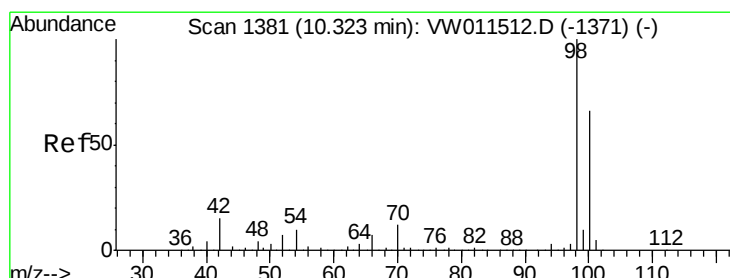
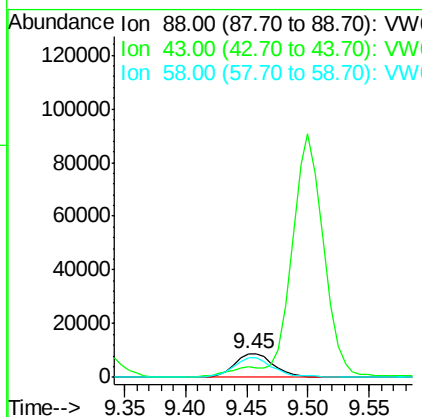
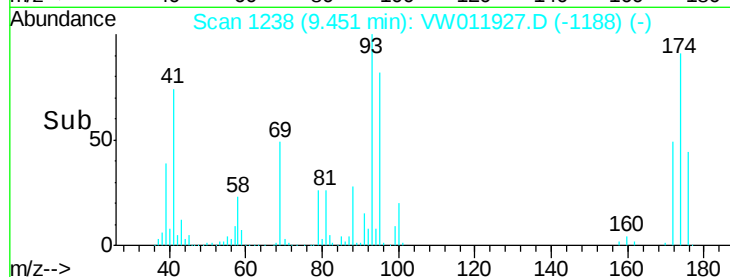
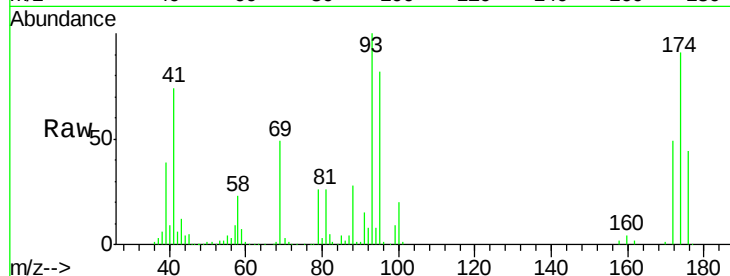
58 86.8 69.7 104.5

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#50

Toluene-d8

Concen: 56.382 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011927.D

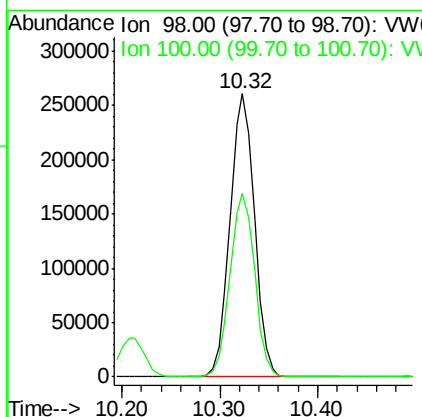
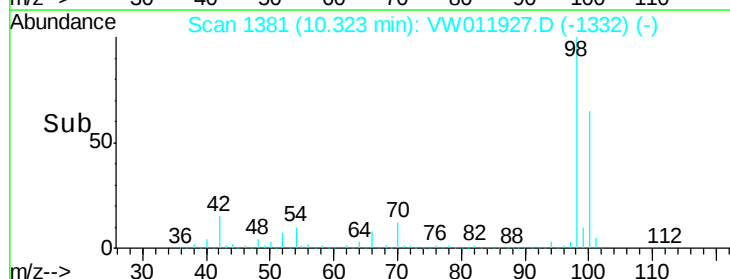
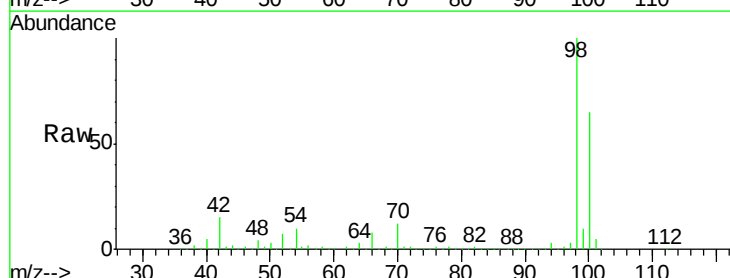
Acq: 15 Aug 2019 14:32

Tgt Ion: 98 Resp: 452405

Ion Ratio Lower Upper

98 100

100 65.3 52.7 79.1





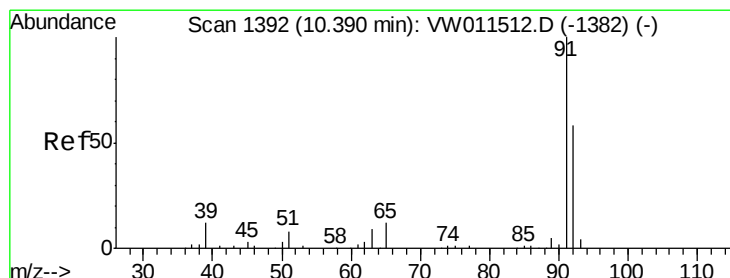
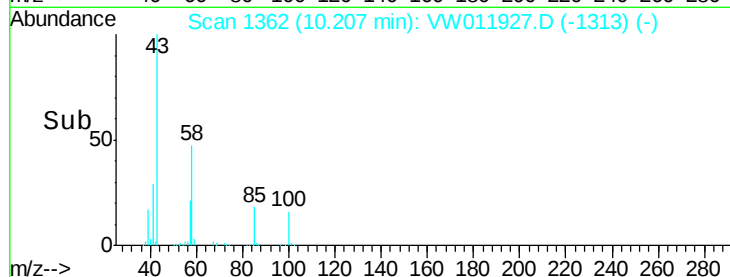
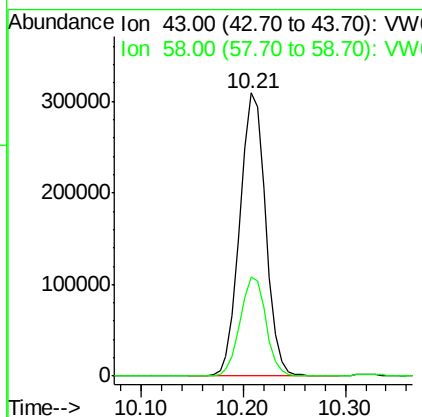
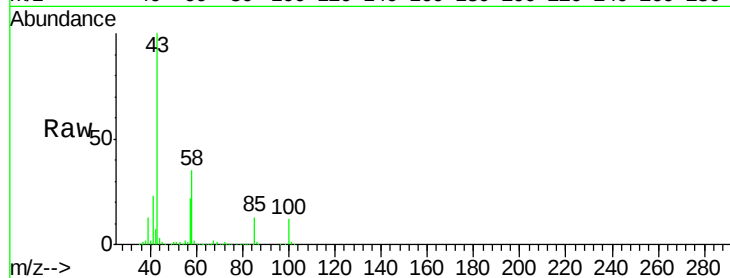
#51
4-Methyl-2-Pentanone
Concen: 271.475 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VW011927.D
Acq: 15 Aug 2019 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	542702
Ion Ratio	100	Lower	Upper
58	35.0	28.2	42.2

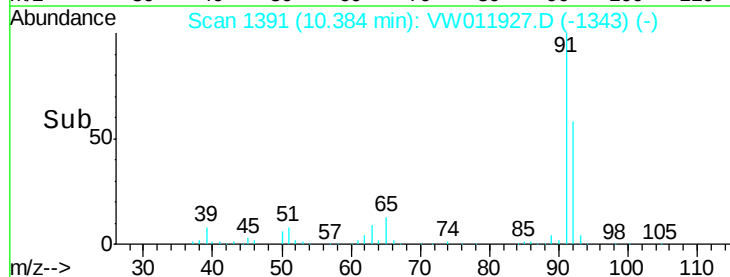
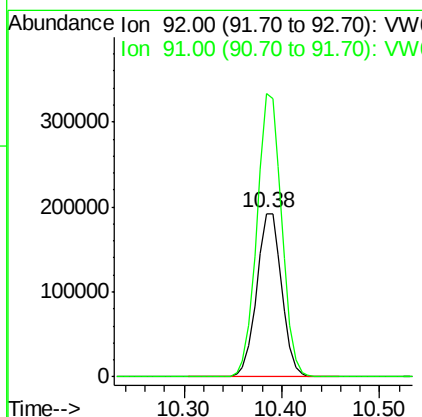
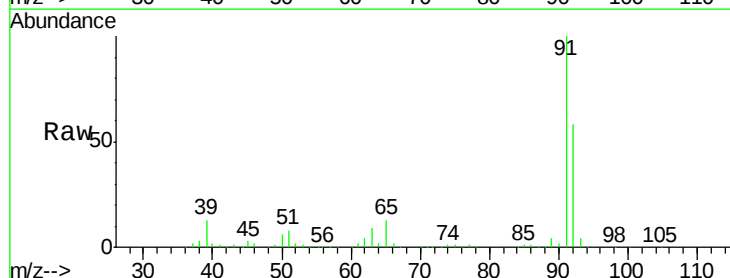
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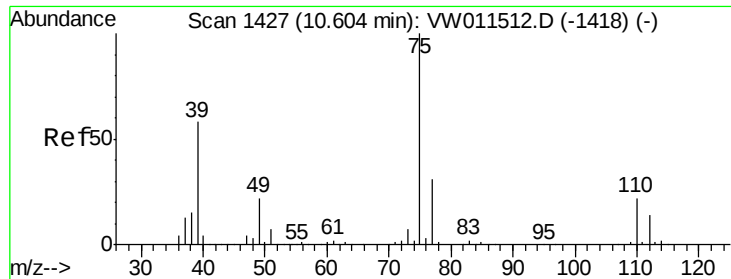
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#52
Toluene
Concen: 55.765 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW011927.D
Acq: 15 Aug 2019 14:32

Tgt Ion	92	Resp	342638
Ion Ratio	100	Lower	Upper
91	172.0	136.7	205.1





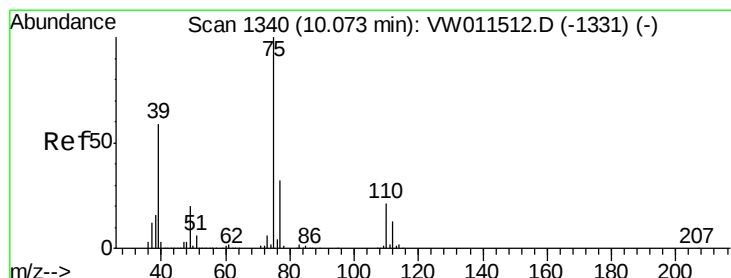
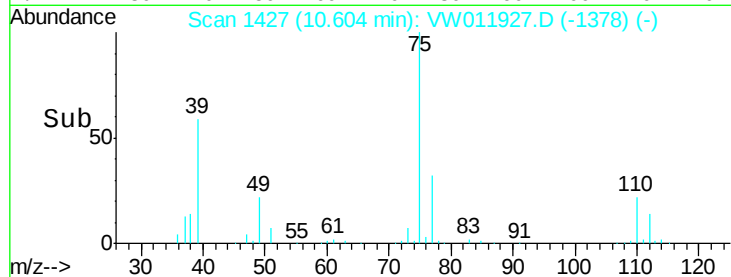
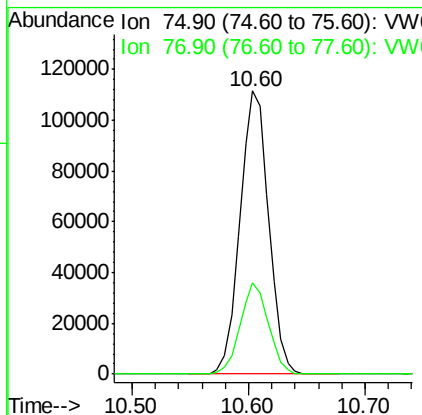
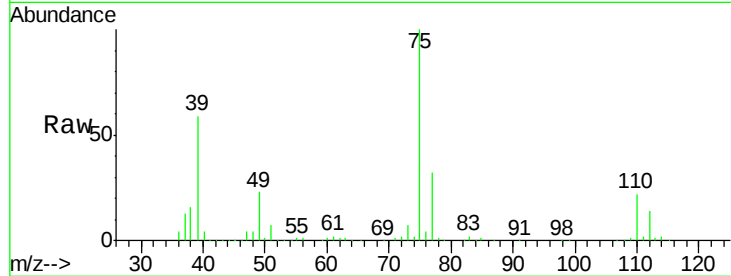
#53
t-1,3-Dichloropropene
Concen: 56.154 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW011927.D
Acq: 15 Aug 2019 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 191187
Ion Ratio Lower Upper
75 100
77 32.0 25.0 37.4

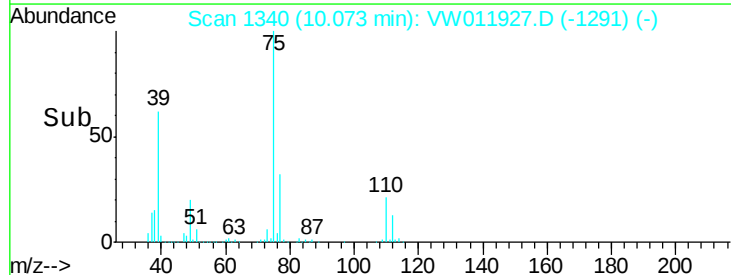
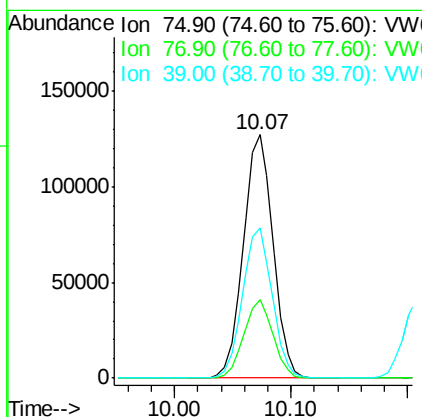
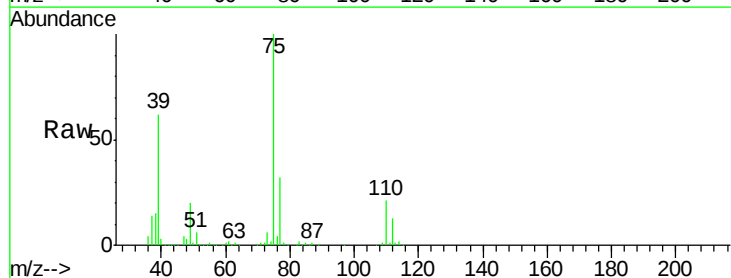
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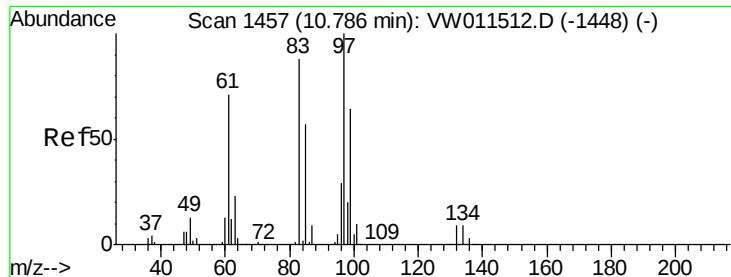
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#54
cis-1,3-Dichloropropene
Concen: 56.070 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW011927.D
Acq: 15 Aug 2019 14:32

Tgt Ion: 75 Resp: 226984
Ion Ratio Lower Upper
75 100
77 32.4 25.6 38.4
39 61.6 47.0 70.4





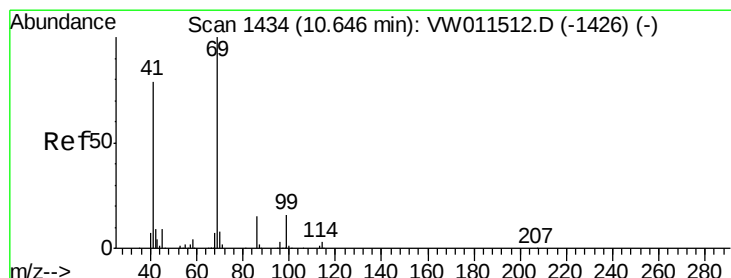
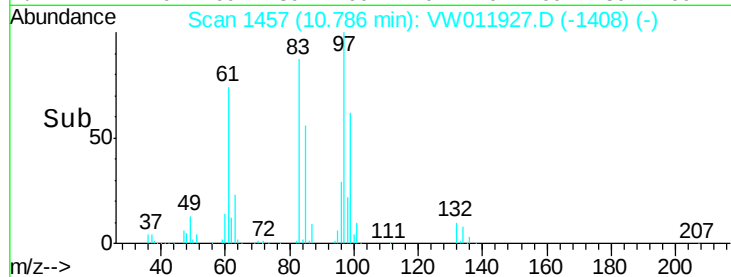
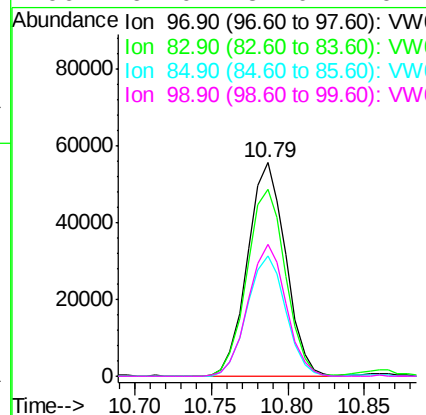
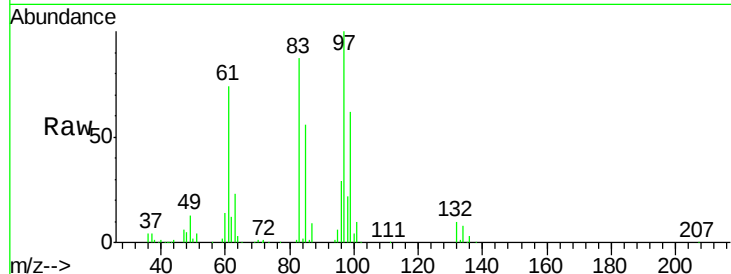
#55
 1,1,2-Trichloroethane
 Concen: 54.636 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW011927.D
 Acq: 15 Aug 2019 14:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	96321
Ion	Ratio	Lower	Upper
97	100		
83	87.4	70.5	105.7
85	56.3	45.8	68.6
99	62.0	51.0	76.4

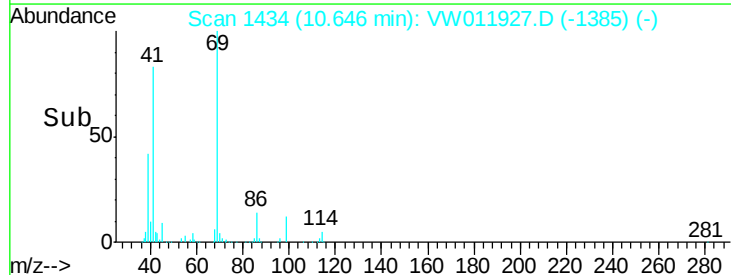
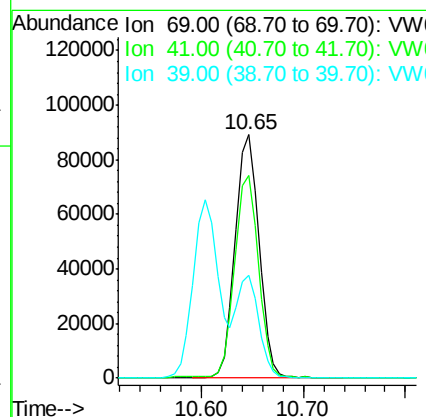
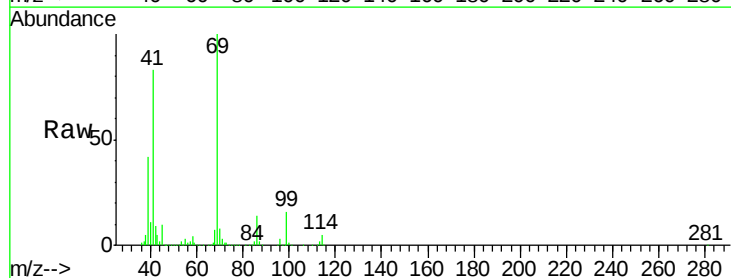
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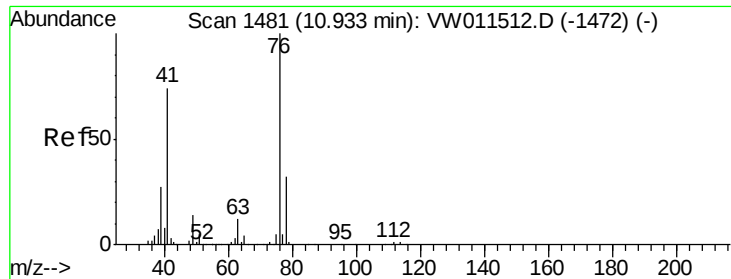
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#56
 Ethyl methacrylate
 Concen: 56.065 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW011927.D
 Acq: 15 Aug 2019 14:32

Tgt Ion:	69	Resp:	144634
Ion	Ratio	Lower	Upper
69	100		
41	82.5	66.6	99.8
39	38.7	30.3	45.5





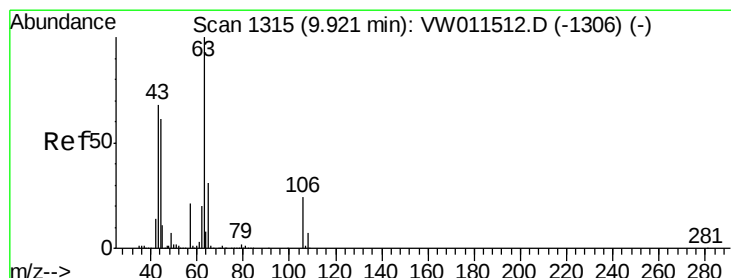
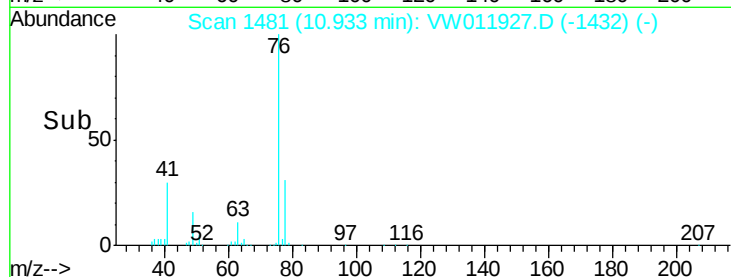
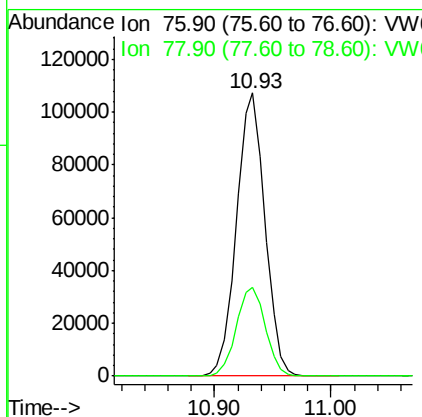
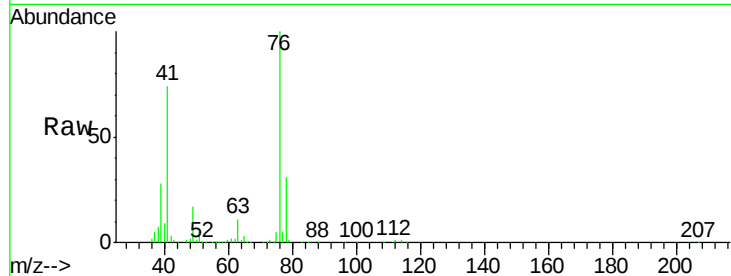
#57
 1,3-Dichloropropane
 Concen: 54.786 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW011927.D
 Acq: 15 Aug 2019 14:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.2	37.8

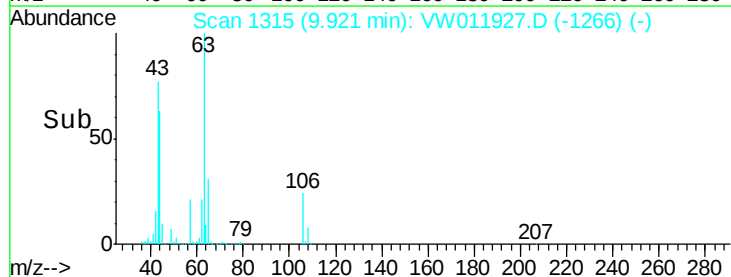
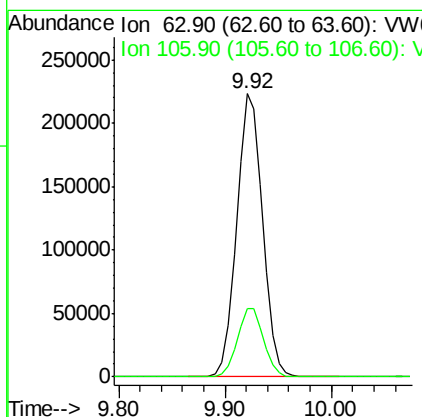
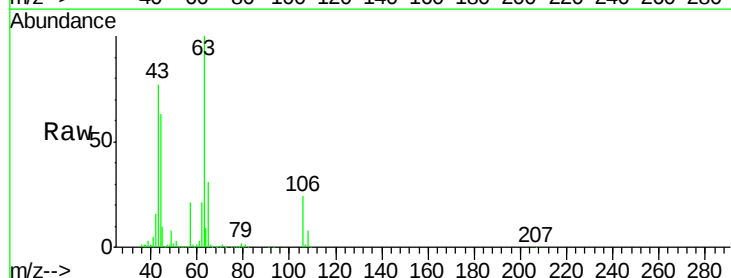
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#58
 2-Chloroethyl Vinyl ether
 Concen: 324.932 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW011927.D
 Acq: 15 Aug 2019 14:32

Tgt Ion	Ratio	Lower	Upper
63	100		
106	24.4	19.7	29.5





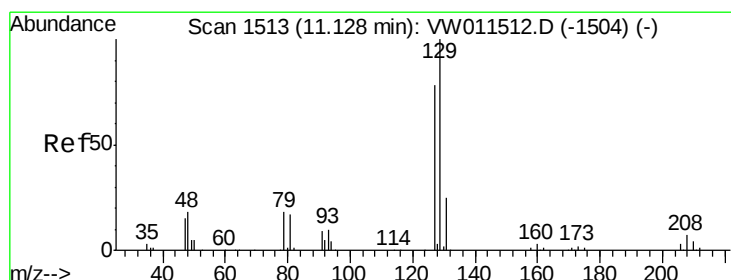
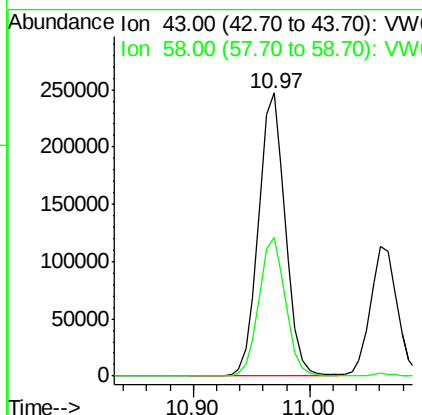
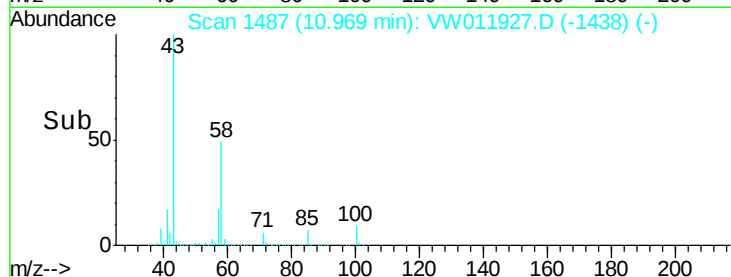
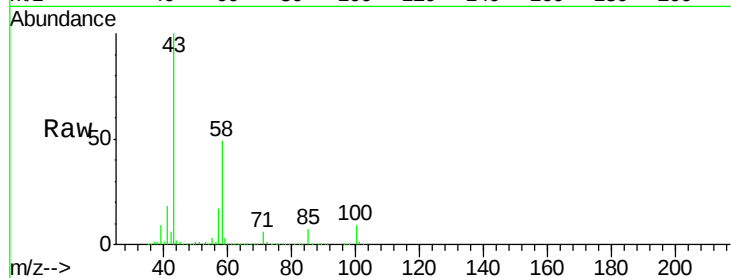
#59
2-Hexanone
Concen: 280.744 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW011927.D
Acq: 15 Aug 2019 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 396266
Ion Ratio Lower Upper
43 100
58 48.8 24.3 72.9

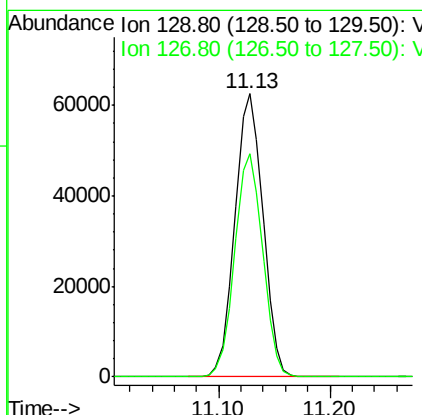
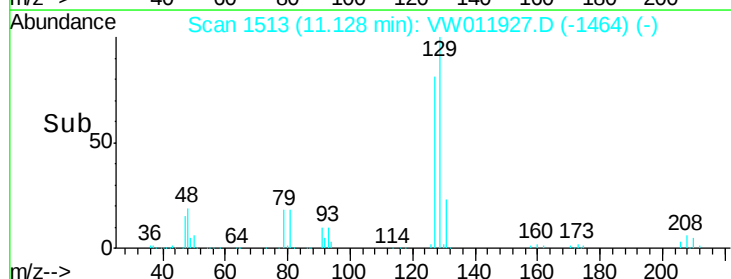
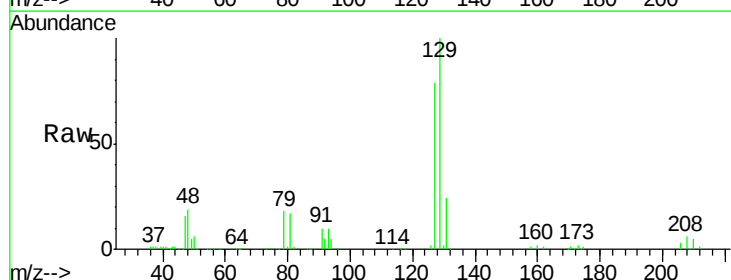
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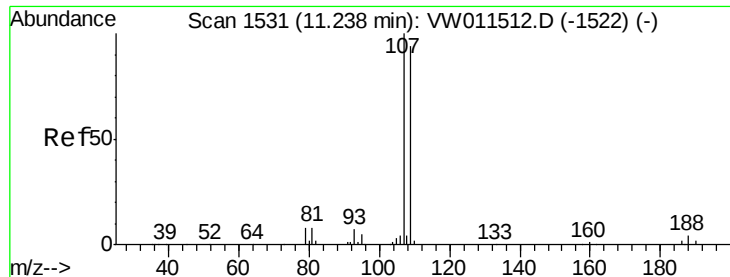
MMDadoda
8/16/2019 8:27:09 AM



#60
Dibromochloromethane
Concen: 55.838 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW011927.D
Acq: 15 Aug 2019 14:32

Tgt Ion:129 Resp: 109271
Ion Ratio Lower Upper
129 100
127 78.5 38.9 116.7





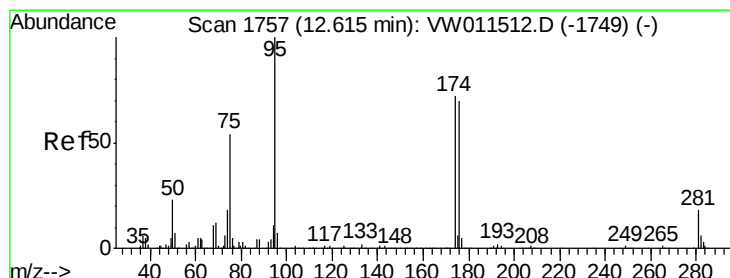
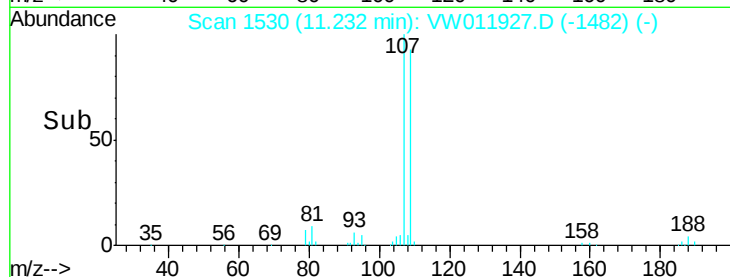
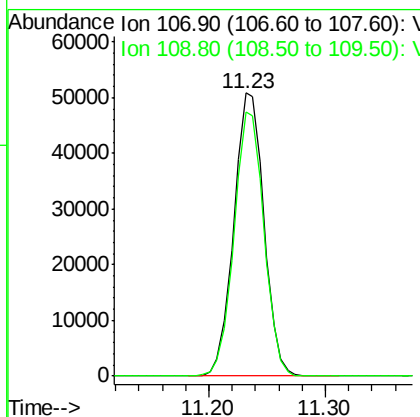
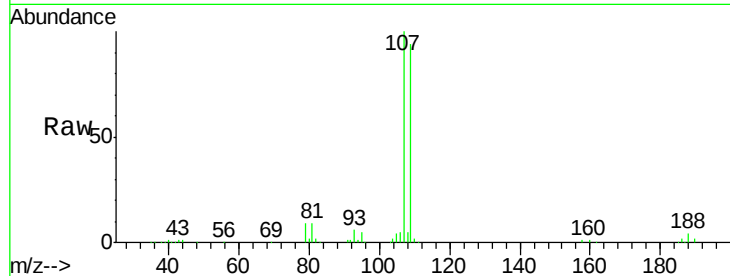
#61
 1,2-Dibromoethane
 Concen: 54.732 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW011927.D
 Acq: 15 Aug 2019 14:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.1	75.0	112.6

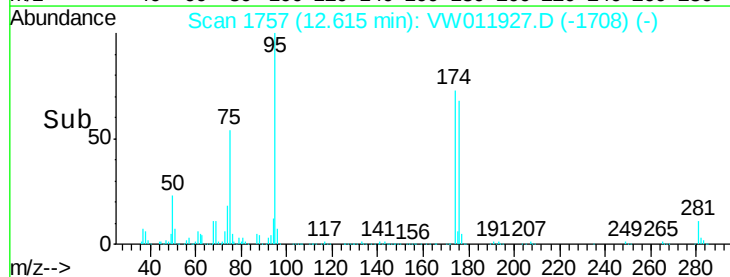
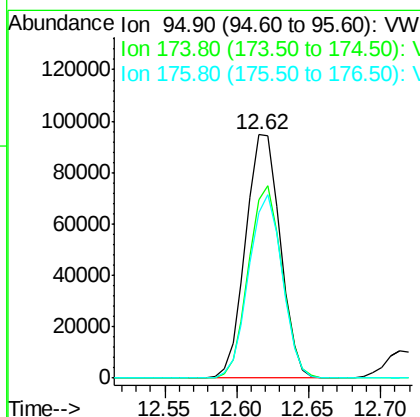
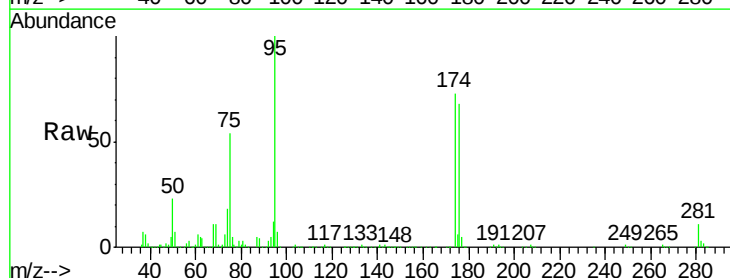
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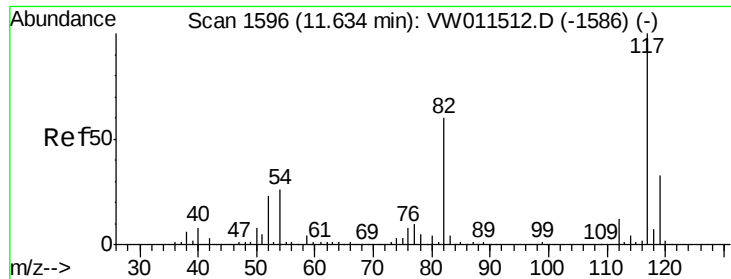
MMDadoda
 8/16/2019 8:27:09 AM



#62
 4-Bromofluorobenzene
 Concen: 55.243 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW011927.D
 Acq: 15 Aug 2019 14:32

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.0	0.0	150.2
176	72.8	0.0	144.4





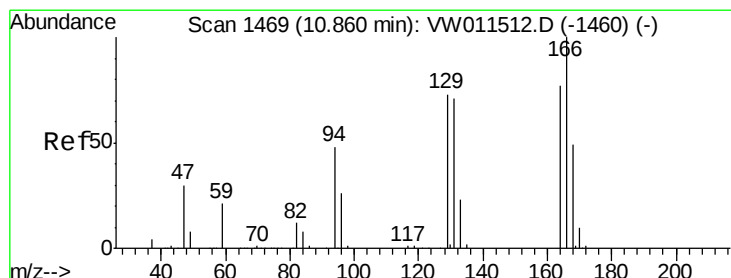
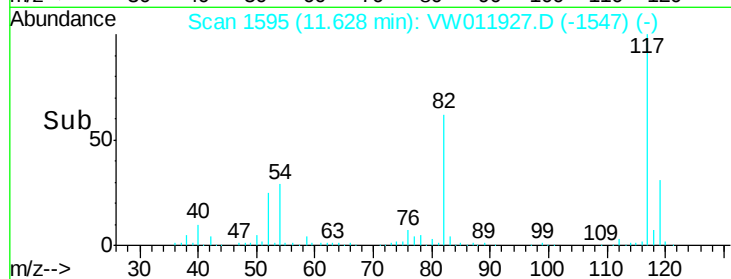
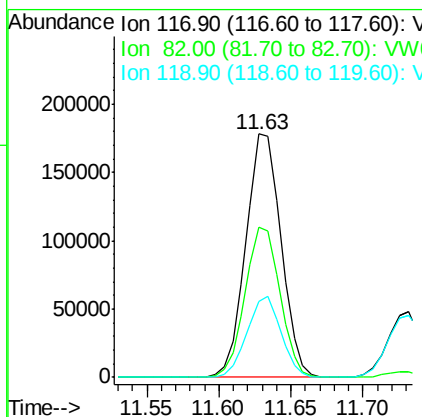
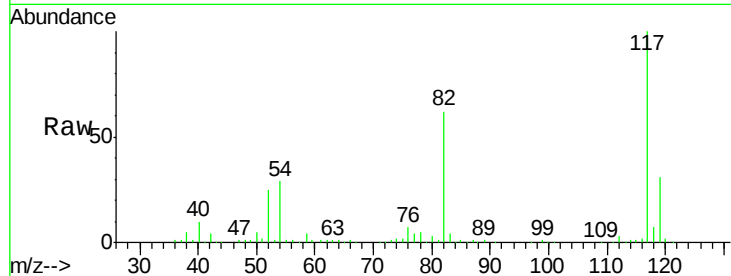
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011927.D
Acq: 15 Aug 2019 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	301392		
82	61.9	47.9	71.9	
119	31.3	26.2	39.2	

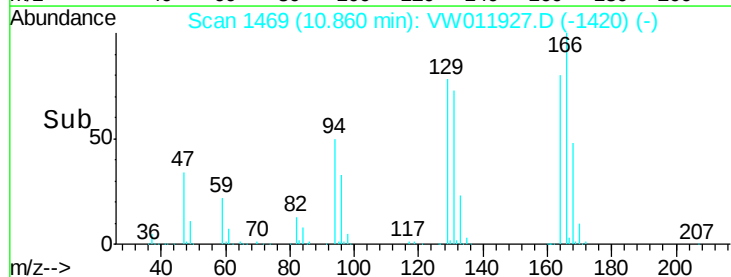
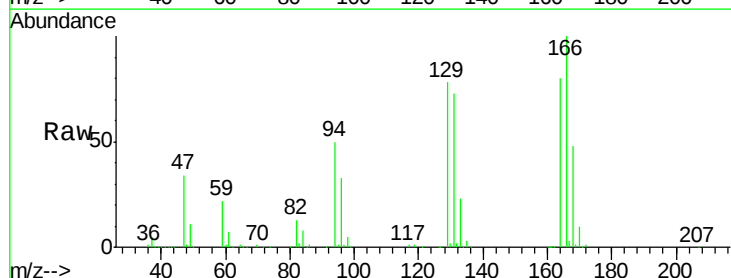
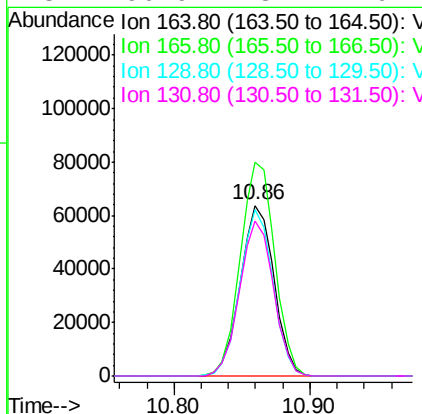
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#64
Tetrachloroethene
Concen: 56.280 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW011927.D
Acq: 15 Aug 2019 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	110444		
166	125.4	103.5	155.3	
129	97.3	75.2	112.8	
131	90.9	73.4	110.2	





#65

Chlorobenzene

Concen: 55.650 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW011927.D

Acq: 15 Aug 2019 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 337206

Ion Ratio Lower Upper

112 100

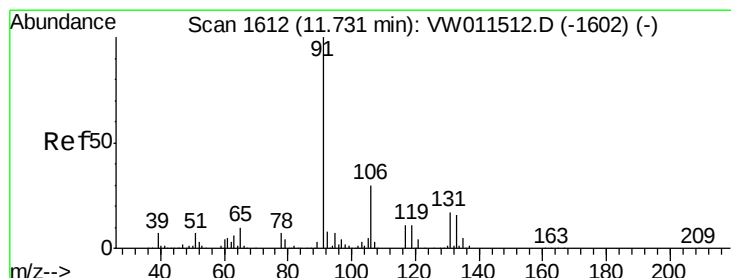
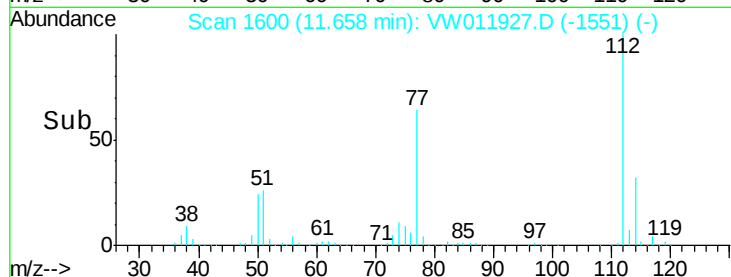
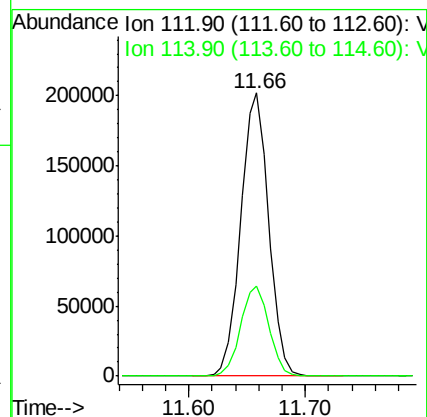
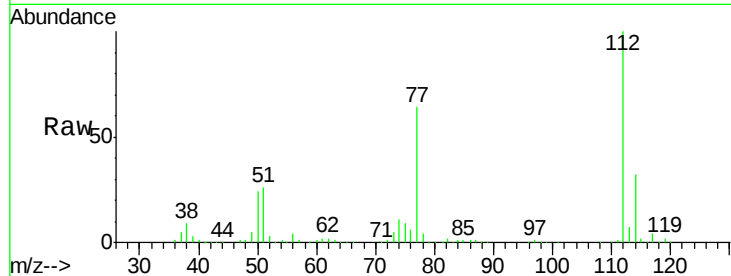
114 31.6 25.6 38.4

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#66

1,1,1,2-Tetrachloroethane

Concen: 57.480 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW011927.D

Acq: 15 Aug 2019 14:32

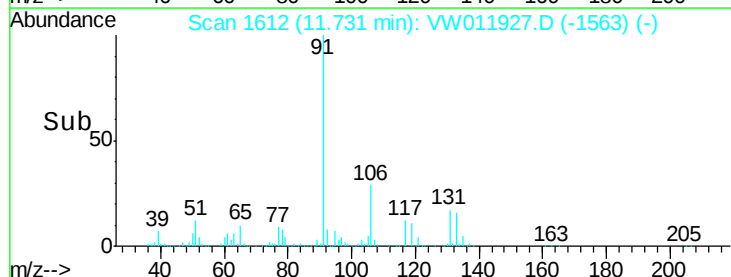
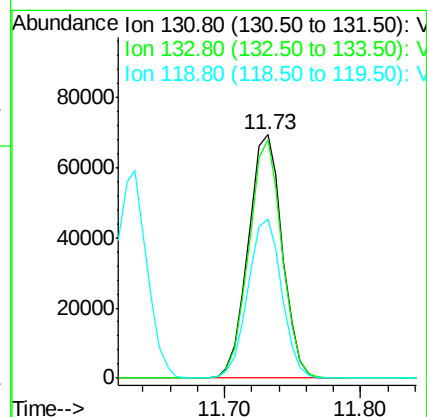
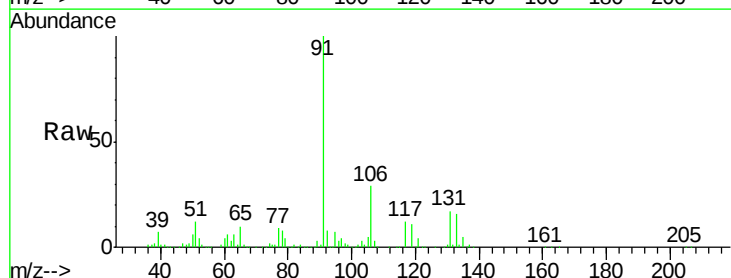
Tgt Ion:131 Resp: 121319

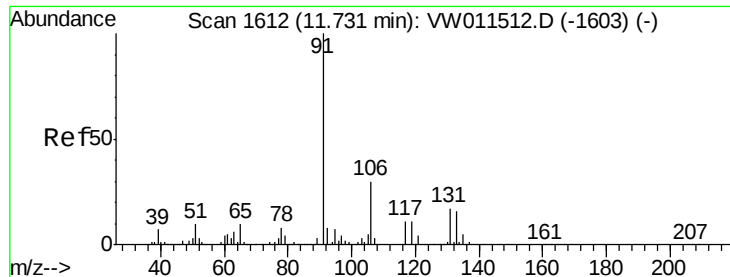
Ion Ratio Lower Upper

131 100

133 95.1 47.4 142.2

119 65.2 32.3 96.9





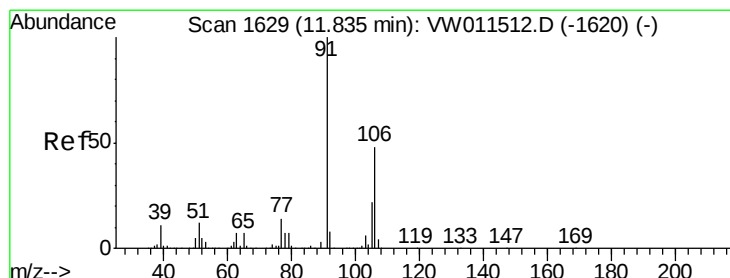
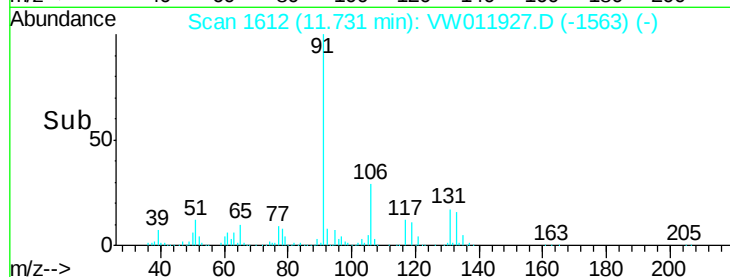
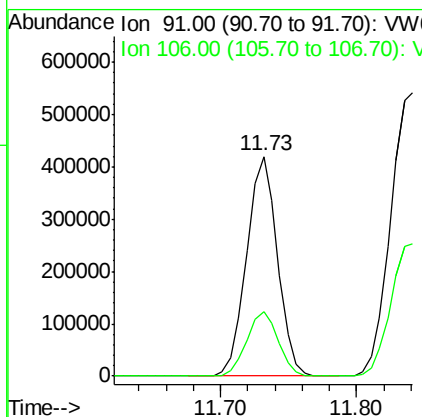
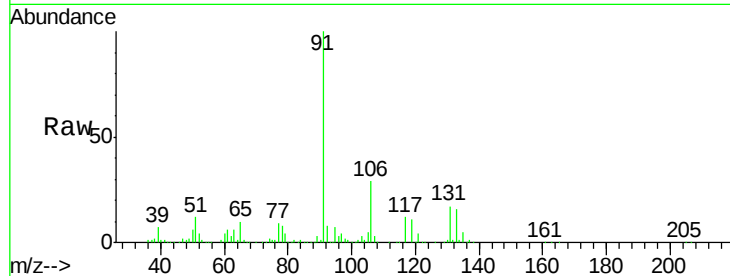
#67
Ethyl Benzene
Concen: 57.788 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011927.D
Acq: 15 Aug 2019 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 666889
Ion Ratio Lower Upper
91 100
106 29.3 23.8 35.6

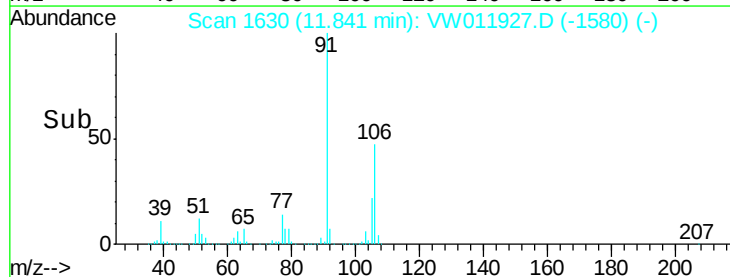
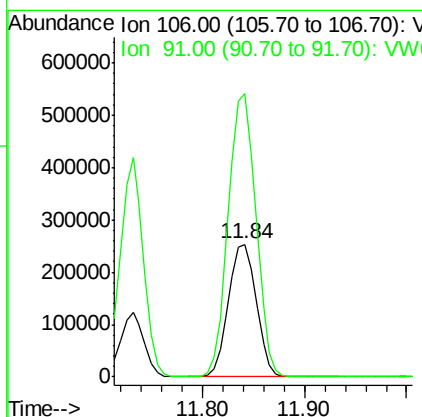
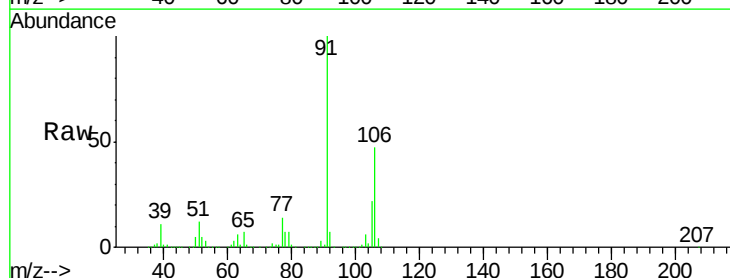
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#68
m/p-Xylenes
Concen: 114.598 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW011927.D
Acq: 15 Aug 2019 14:32

Tgt Ion: 106 Resp: 480953
Ion Ratio Lower Upper
106 100
91 211.6 168.2 252.2





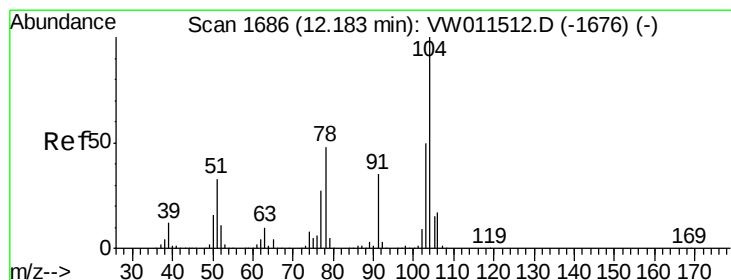
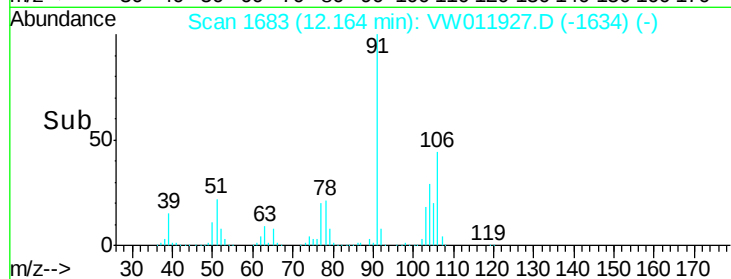
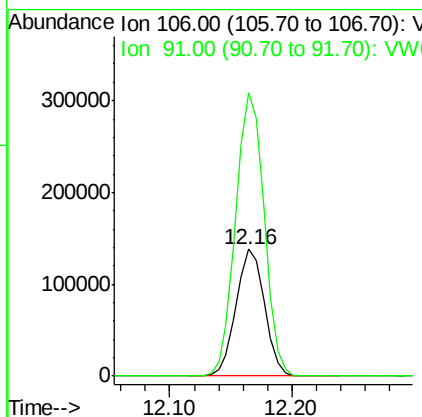
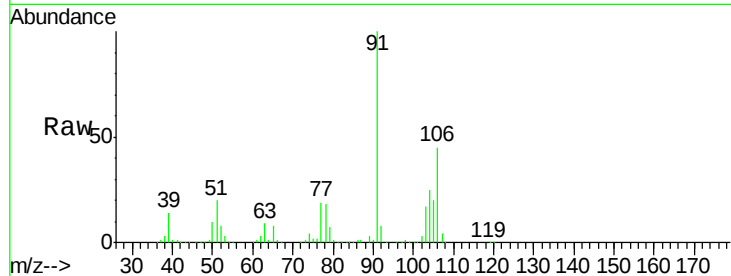
#69
o-Xylene
Concen: 56.889 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW011927.D
Acq: 15 Aug 2019 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	224.0	110.5	331.5

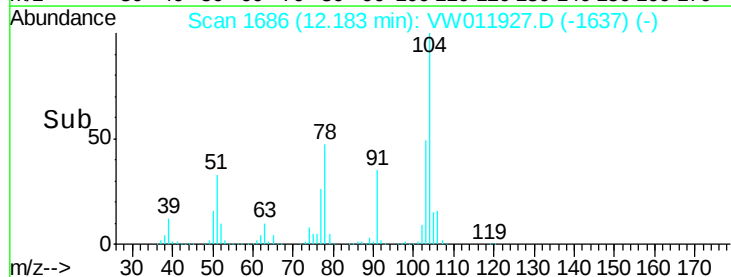
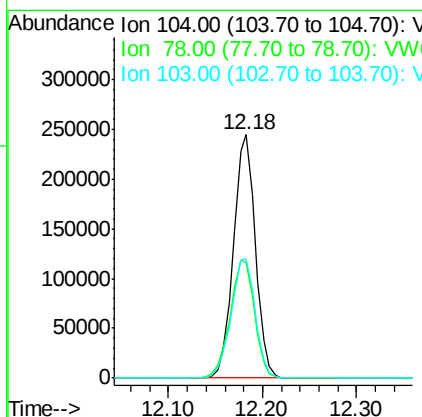
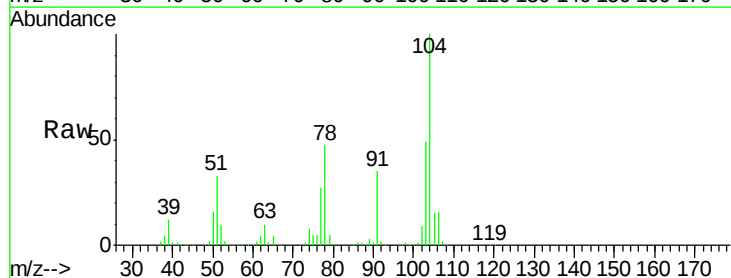
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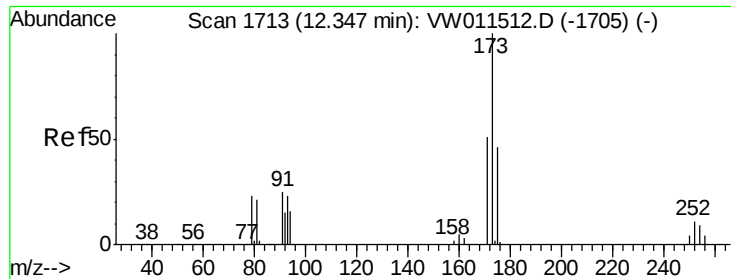
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#70
Styrene
Concen: 58.238 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW011927.D
Acq: 15 Aug 2019 14:32

Tgt Ion	Ratio	Lower	Upper
104	100		
78	54.0	43.4	65.0
103	54.1	43.9	65.9





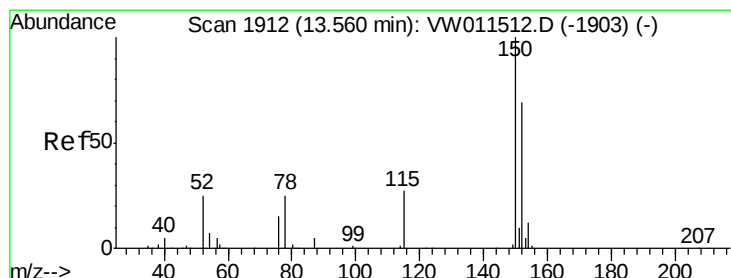
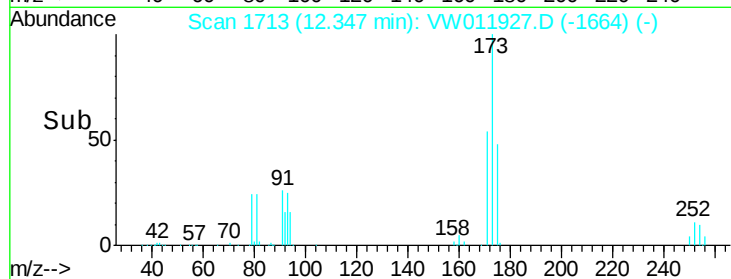
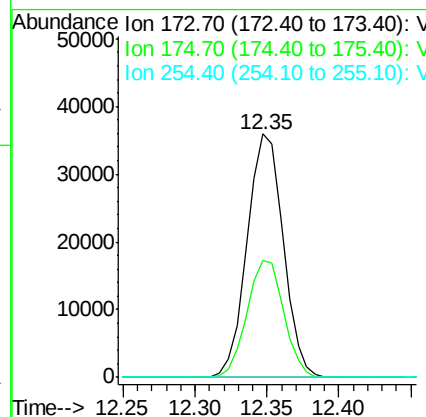
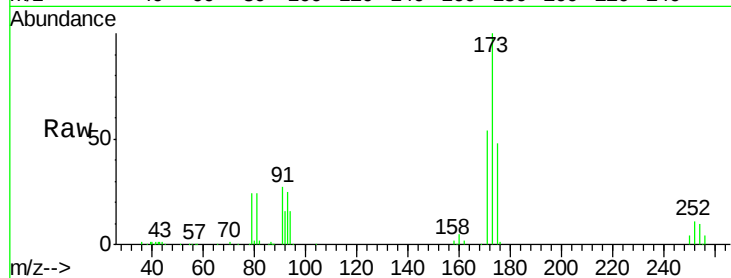
#71
Bromoform
Concen: 57.873 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW011927.D
Acq: 15 Aug 2019 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	23.6	71.0
254	0.1	0.1	0.1

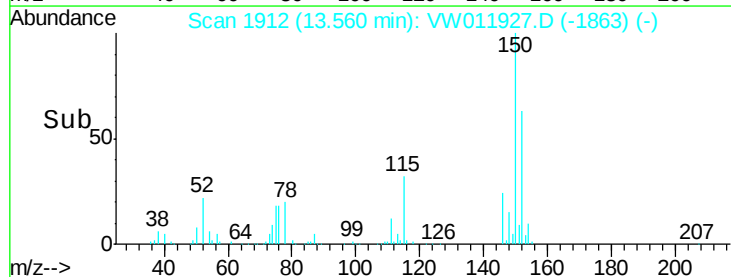
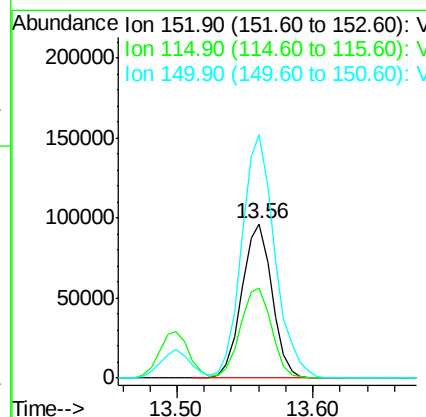
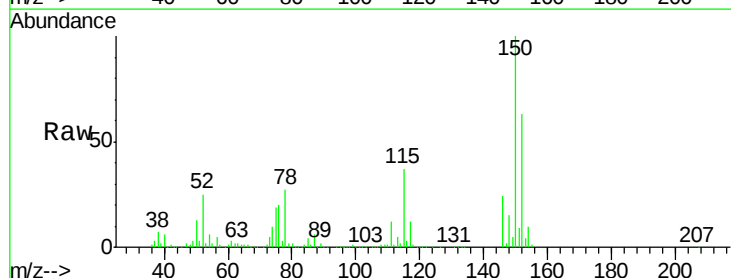
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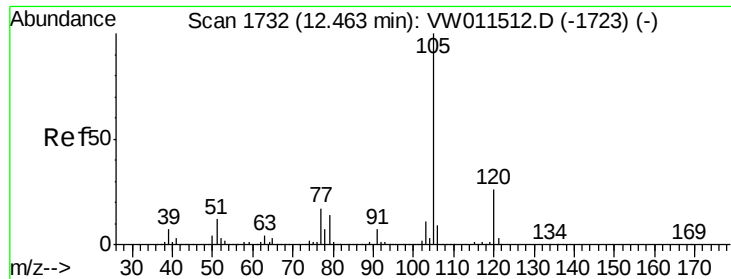
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011927.D
Acq: 15 Aug 2019 14:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.4	30.5	91.5
150	173.1	0.0	352.6





#73

Isopropylbenzene

Concen: 56.444 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW011927.D

Acq: 15 Aug 2019 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 628830

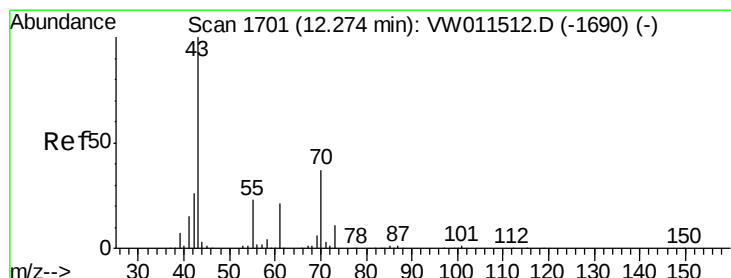
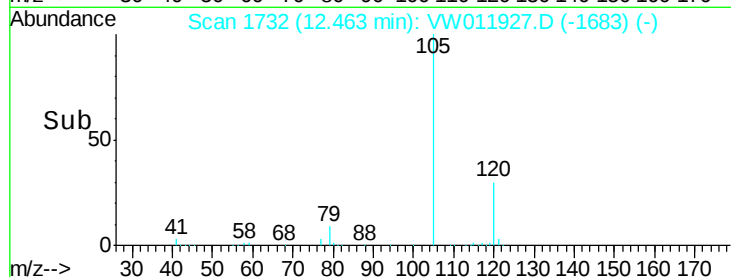
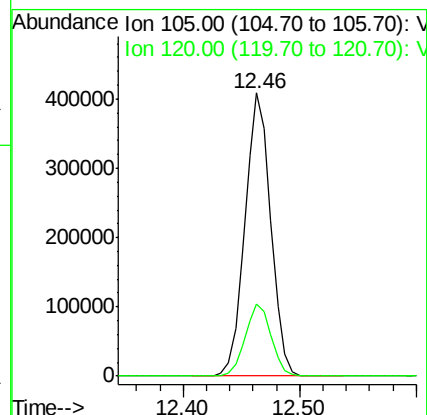
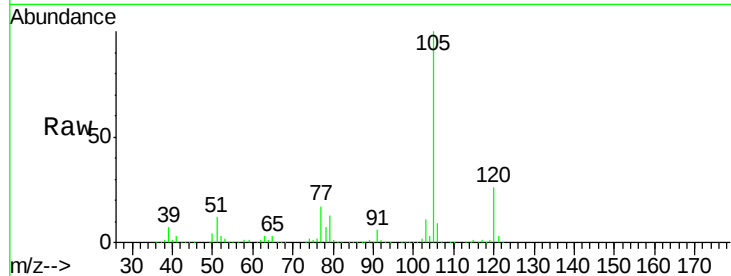
Ion Ratio Lower Upper

105 100

120 25.7 12.9 38.7

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#74

N-ethyl acetate

Concen: 56.046 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW011927.D

Acq: 15 Aug 2019 14:32

Tgt Ion: 43 Resp: 195486

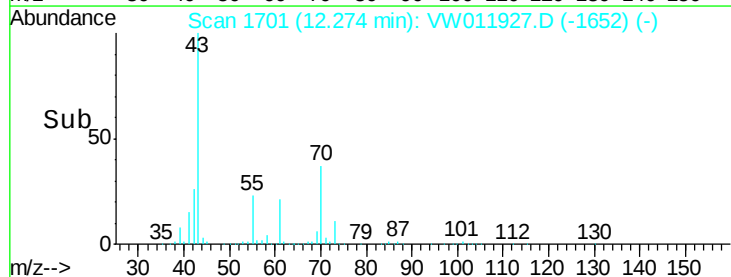
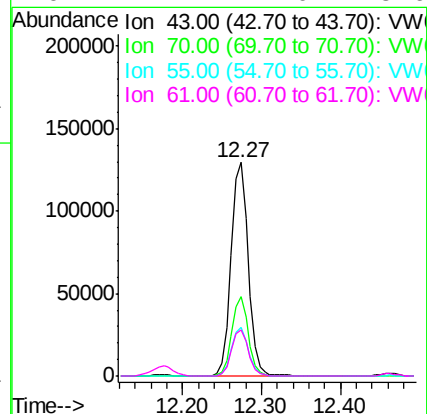
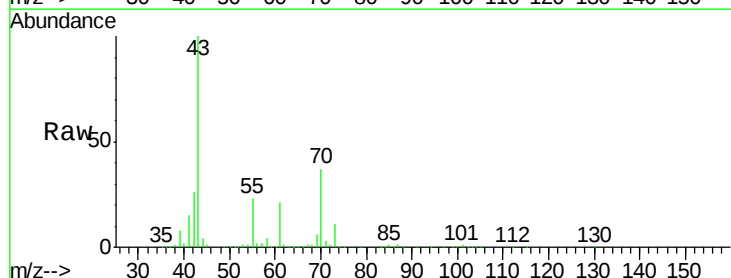
Ion Ratio Lower Upper

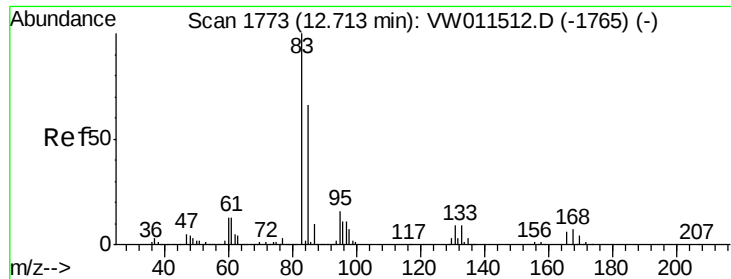
43 100

70 35.9 28.6 43.0

55 22.8 17.8 26.8

61 21.4 17.0 25.6





#75

1,1,2,2-Tetrachloroethane

Concen: 54.813 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW011927.D

Acq: 15 Aug 2019 14:32

Instrument :

MSVOA_W

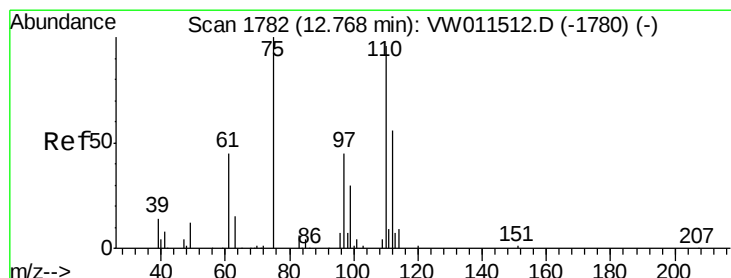
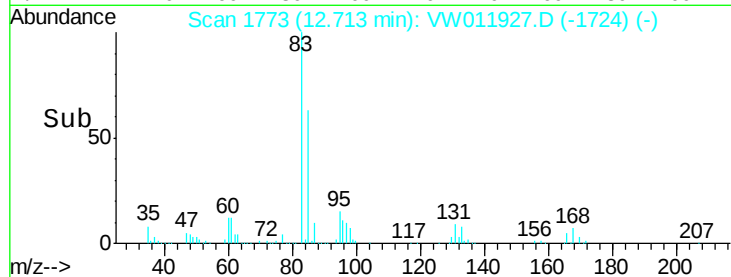
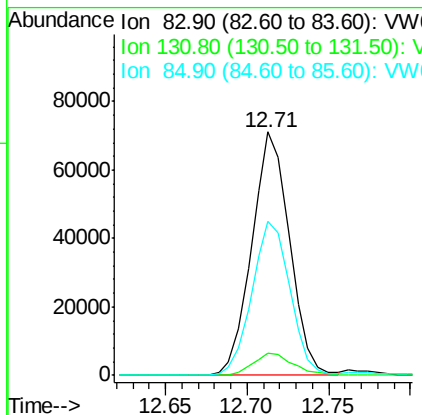
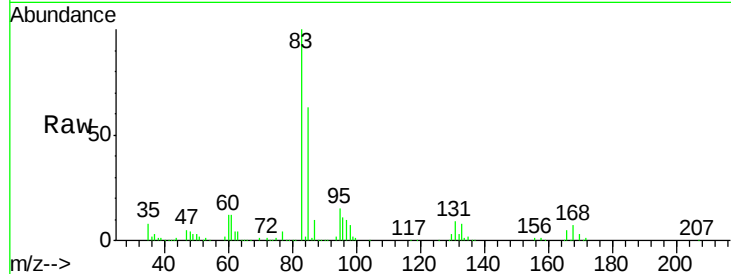
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	114865
Ion Ratio	Lower	Upper	
83	100		
131	9.9	4.9	14.6
85	63.7	31.8	95.4

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#76

1,2,3-Trichloropropane

Concen: 50.359 ug/l m

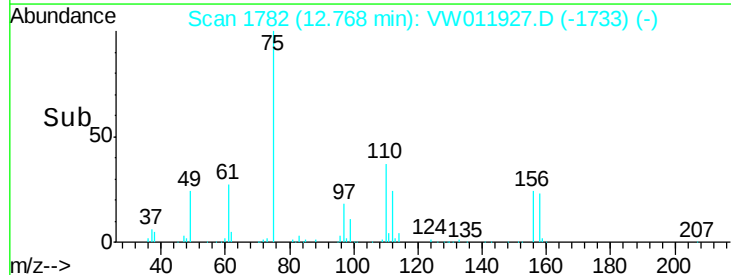
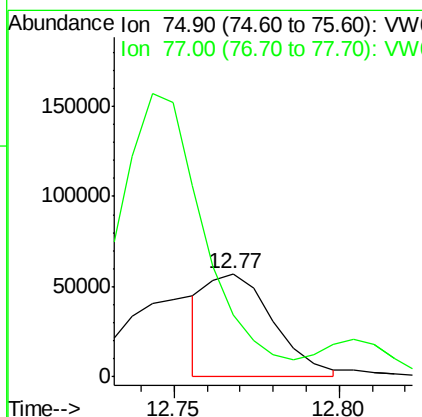
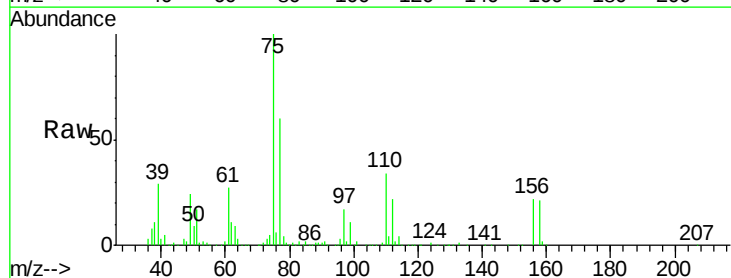
RT: 12.77 min Scan# 1782

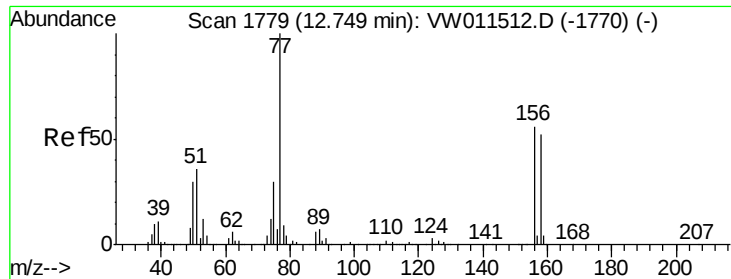
Delta R.T. 0.00 min

Lab File: VW011927.D

Acq: 15 Aug 2019 14:32

Tgt Ion:	75	Resp:	79574
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 55.021 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW011927.D

Acq: 15 Aug 2019 14:32

Instrument :

MSVOA_W

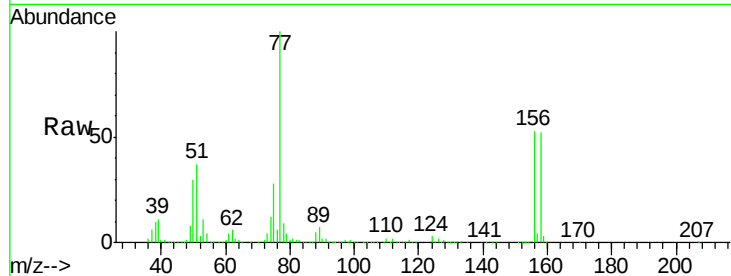
ClientSampleId :

VSTDCCC050

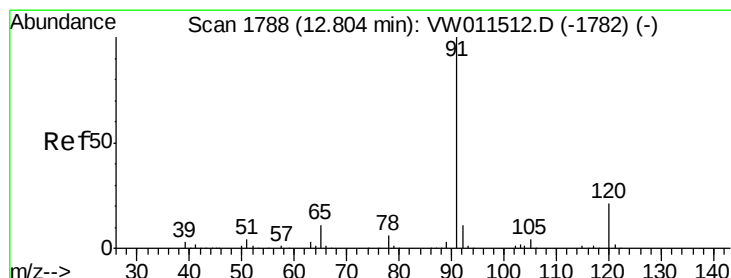
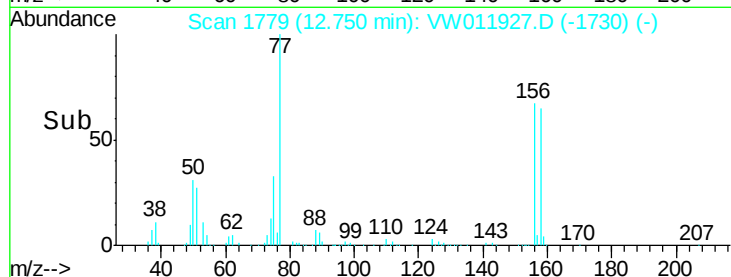
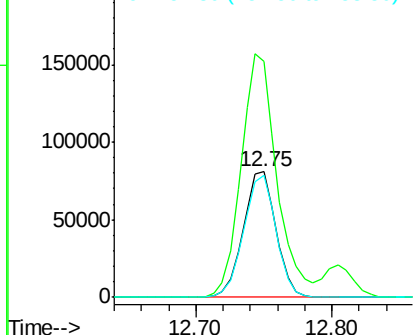
Tot Ion:	156	Resp:	135487
Ion Ratio	Lower	Upper	
156	100		
77	212.3	106.5	319.4
158	96.7	48.0	144.2

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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VW
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 57.146 ug/l

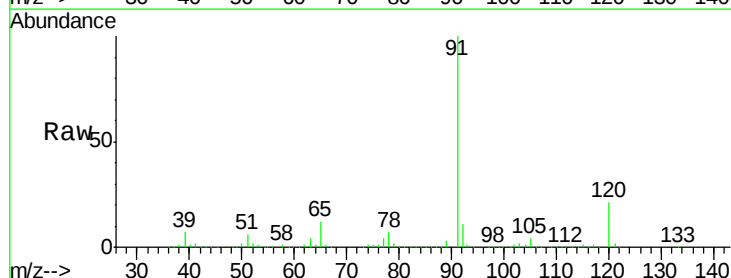
RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

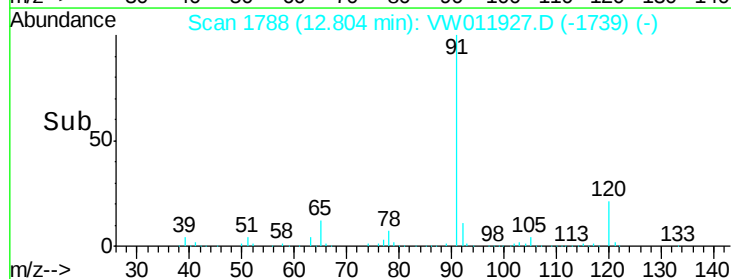
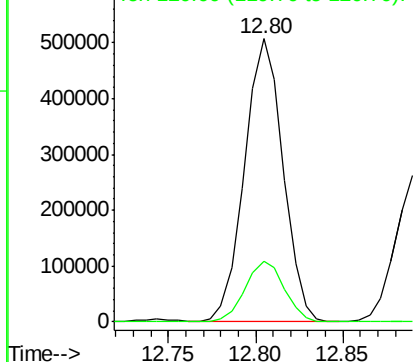
Lab File: VW011927.D

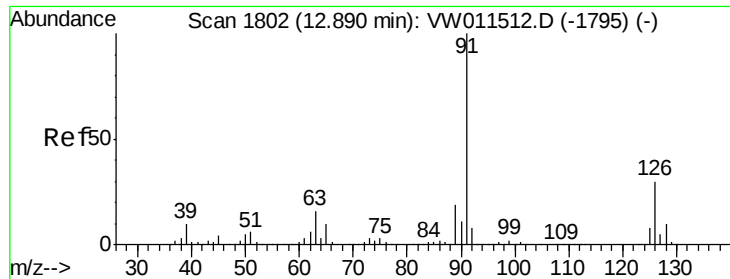
Acq: 15 Aug 2019 14:32

Tgt Ion:	91	Resp:	774805
Ion Ratio	Lower	Upper	
91	100		
120	21.7	10.9	32.7



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 55.413 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW011927.D

Acq: 15 Aug 2019 14:32

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 432836

Ion Ratio Lower Upper

91 100

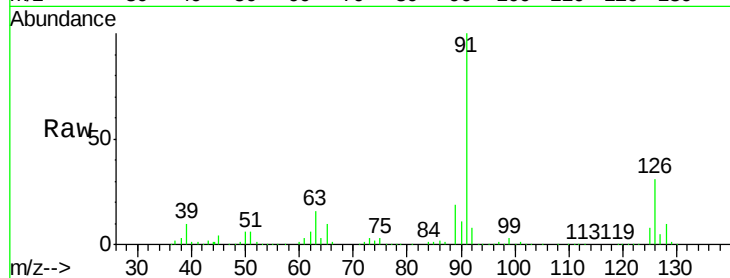
126 31.5 15.7 47.1

Manual Integrations

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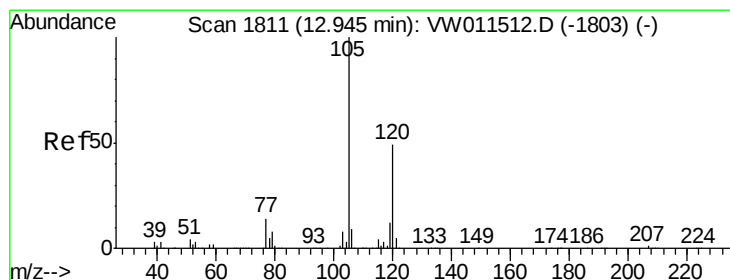
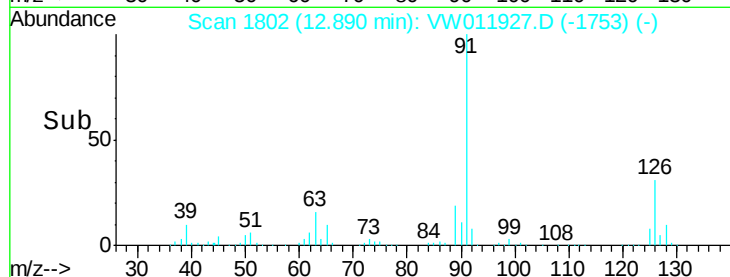
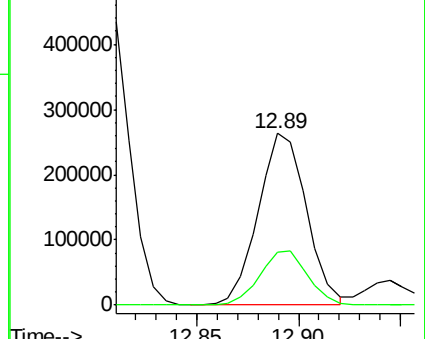
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 56.704 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW011927.D

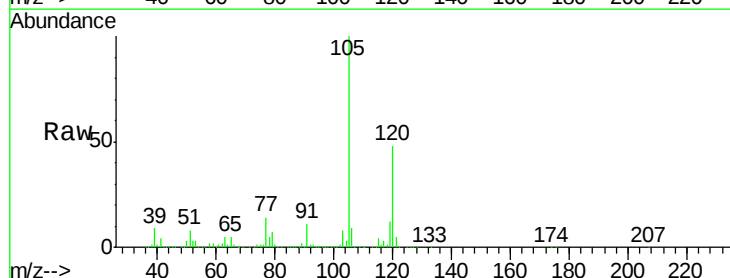
Acq: 15 Aug 2019 14:32

Tgt Ion:105 Resp: 529545

Ion Ratio Lower Upper

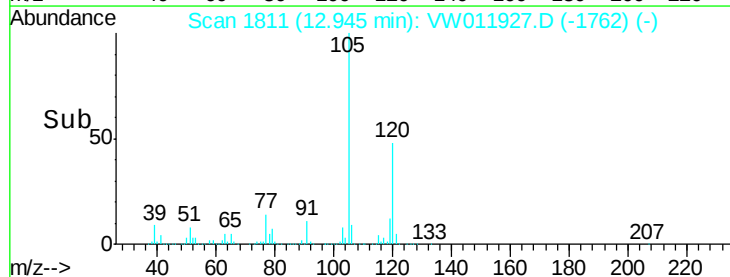
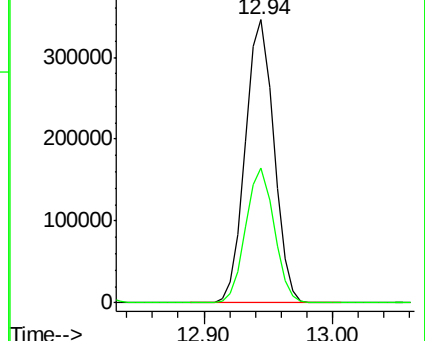
105 100

120 47.4 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





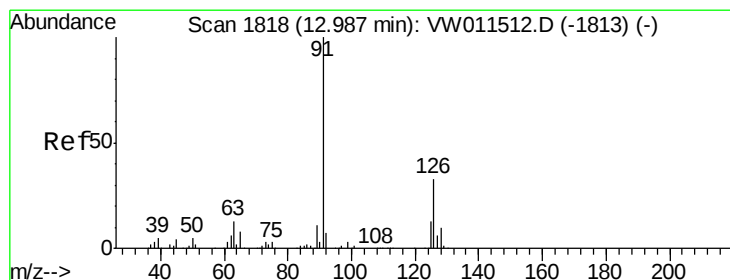
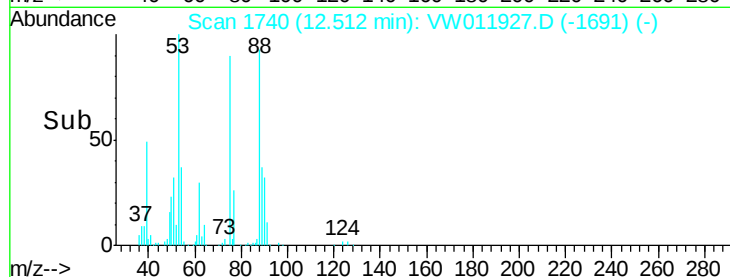
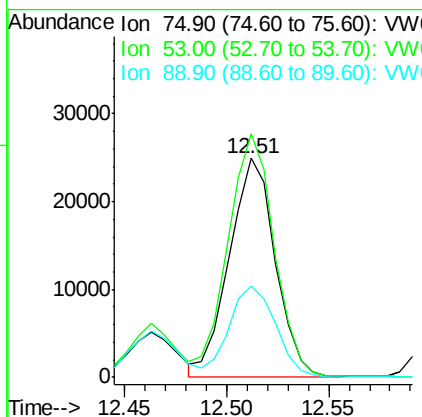
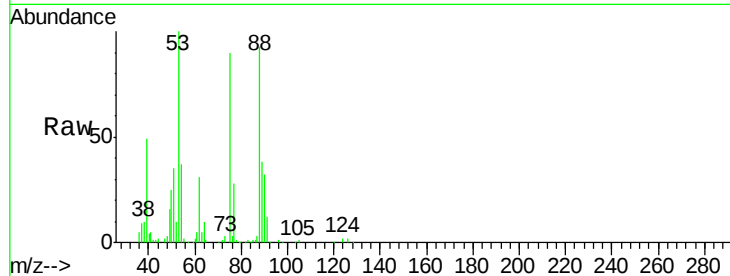
#81
trans-1,4-Dichloro-2-butene
Concen: 56.244 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW011927.D
Acq: 15 Aug 2019 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	113.9	88.0	132.0
89	42.5	35.3	52.9

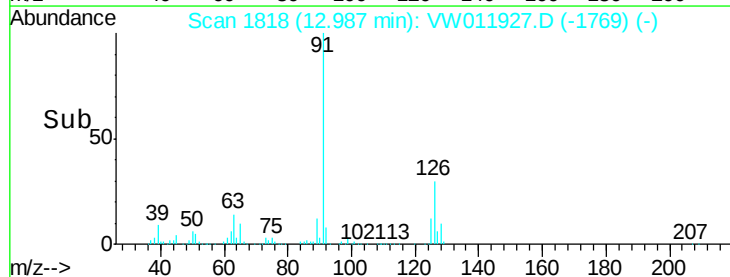
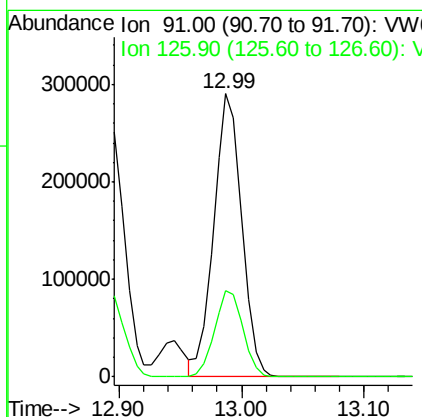
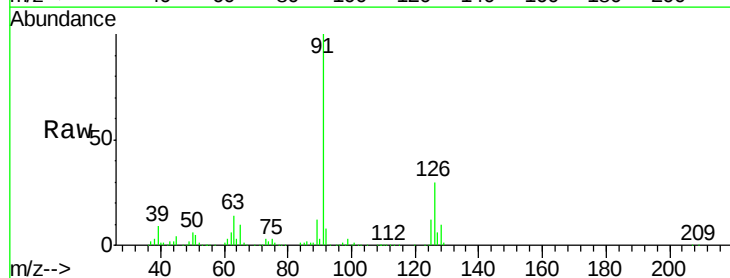
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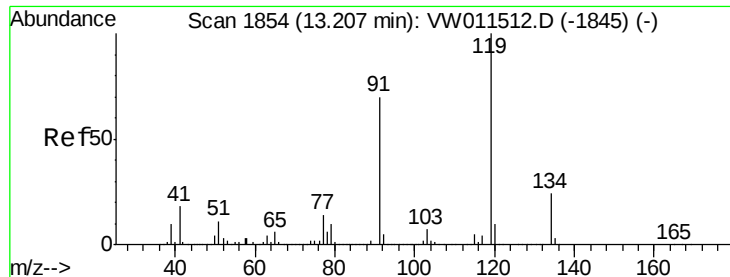
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#82
4-Chlorotoluene
Concen: 56.257 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW011927.D
Acq: 15 Aug 2019 14:32

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.6	46.8





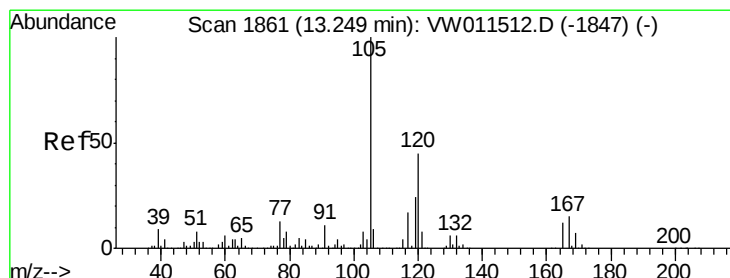
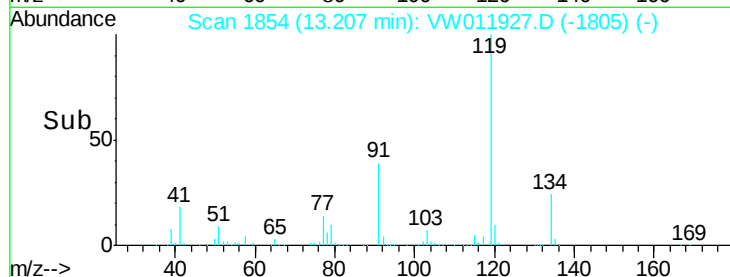
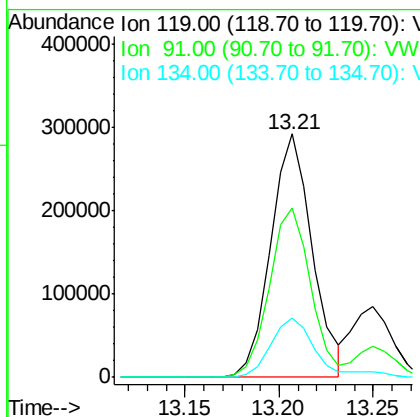
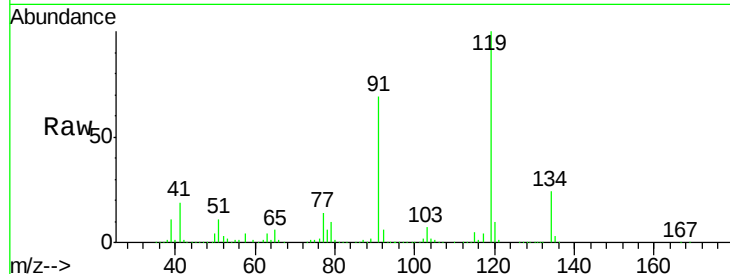
#83
tert-Butylbenzene
Concen: 57.052 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW011927.D
Acq: 15 Aug 2019 14:32

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	445546		
91	69.1	34.5	103.6	
134	26.7	12.4	37.4	

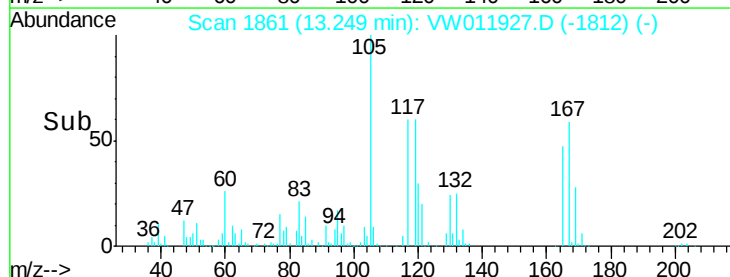
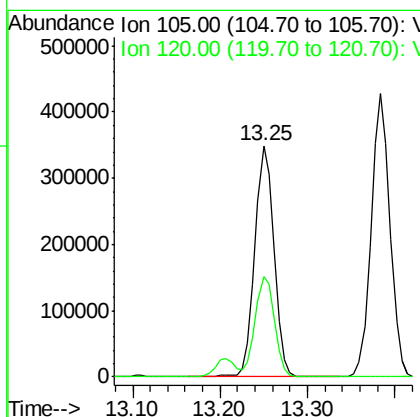
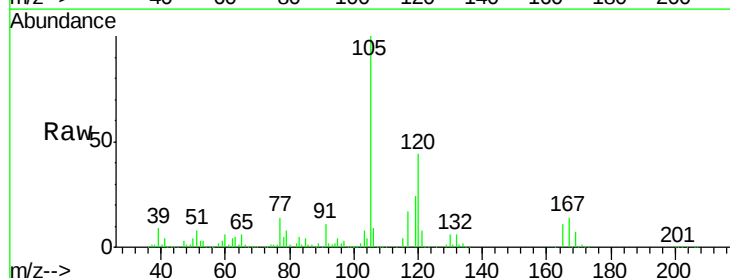
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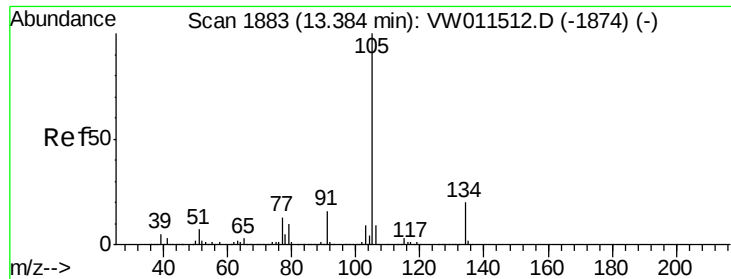
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#84
1,2,4-Trimethylbenzene
Concen: 56.232 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW011927.D
Acq: 15 Aug 2019 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	529006		
120	43.7	22.1	66.5	





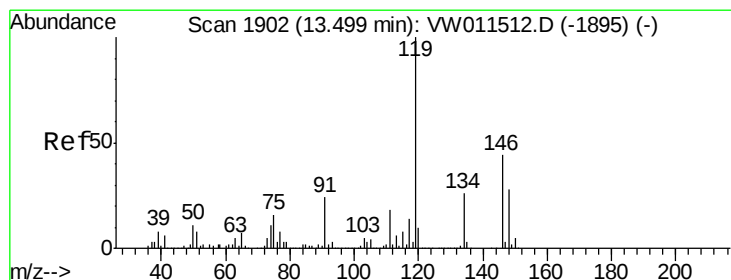
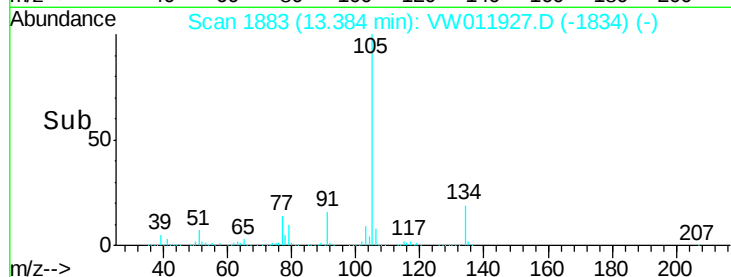
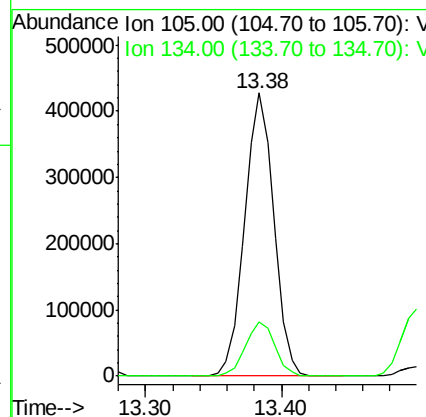
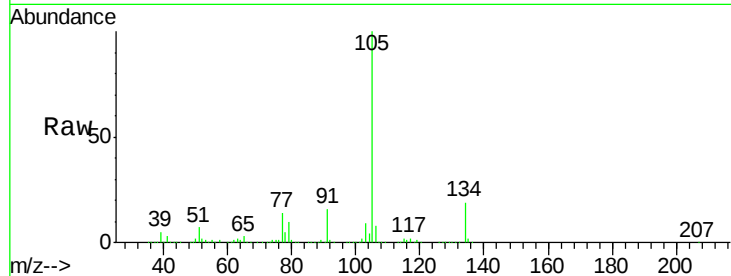
#85
 sec-Butylbenzene
 Concen: 57.545 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW011927.D
 Acq: 15 Aug 2019 14:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.7	29.1

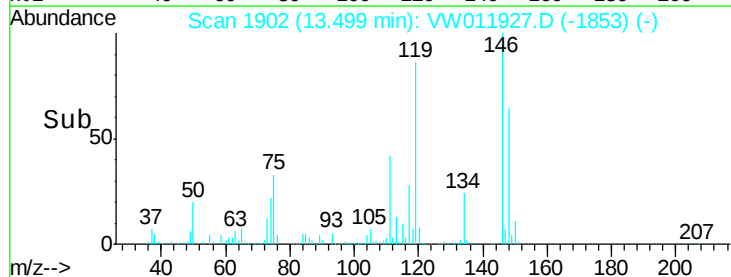
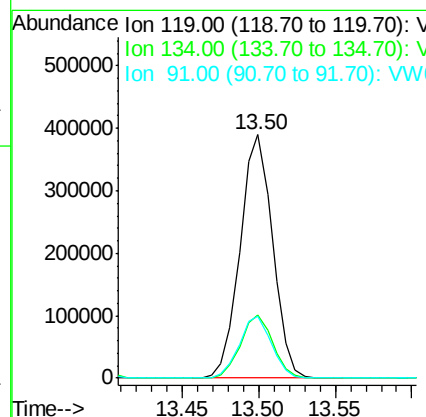
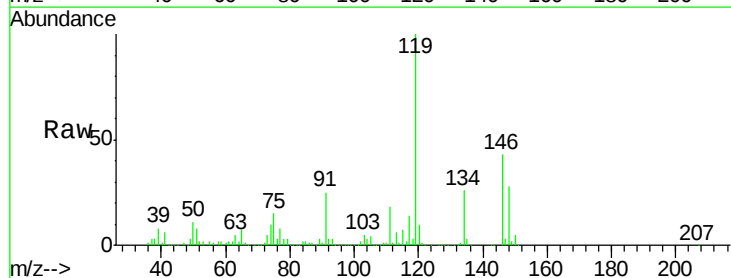
Manual Integrations
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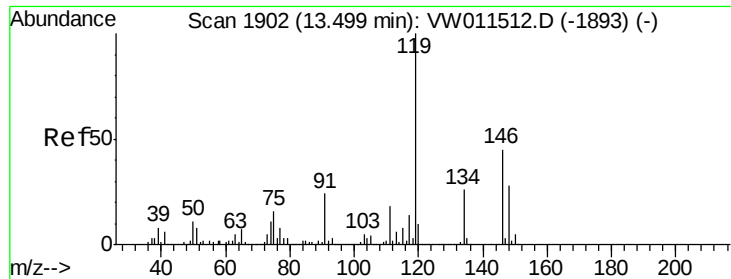
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#86
 p-Isopropyltoluene
 Concen: 56.831 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW011927.D
 Acq: 15 Aug 2019 14:32

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.8	38.4
91	24.9	12.1	36.3





#87

1,3-Dichlorobenzene

Concen: 54.848 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW011927.D

Acq: 15 Aug 2019 14:32

Instrument :

MSVOA_W

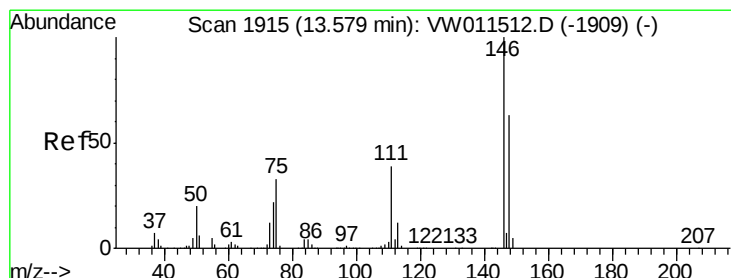
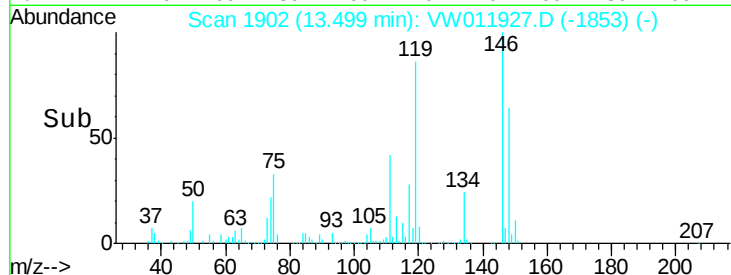
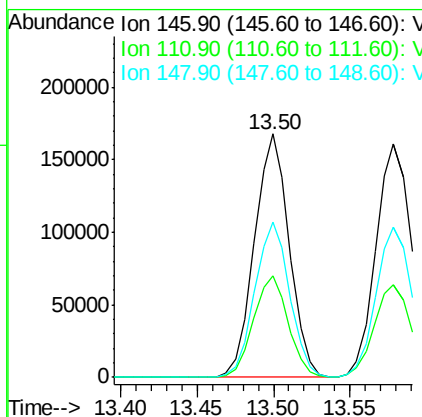
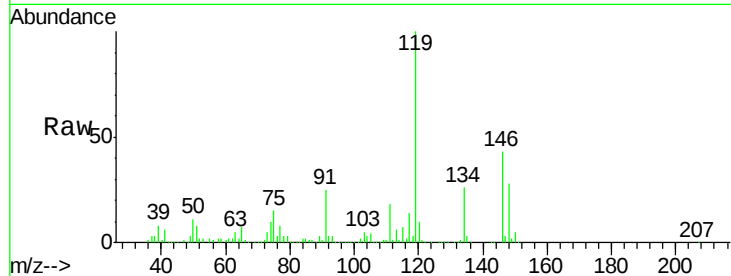
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	264826
Ion Ratio	Lower	Upper	
146	100		
111	41.5	20.5	61.6
148	63.9	31.8	95.3

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#88

1,4-Dichlorobenzene

Concen: 54.258 ug/l

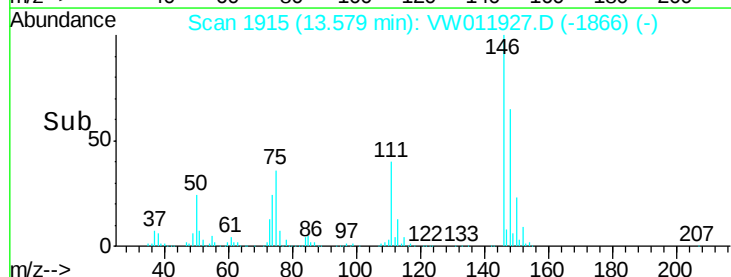
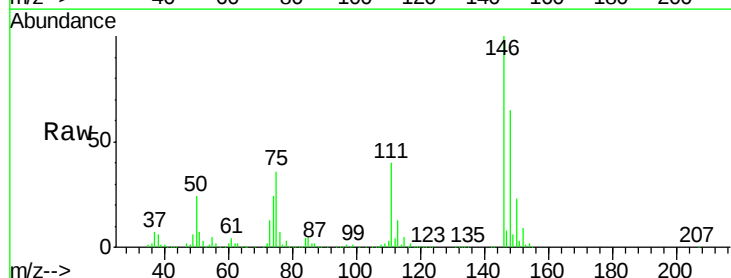
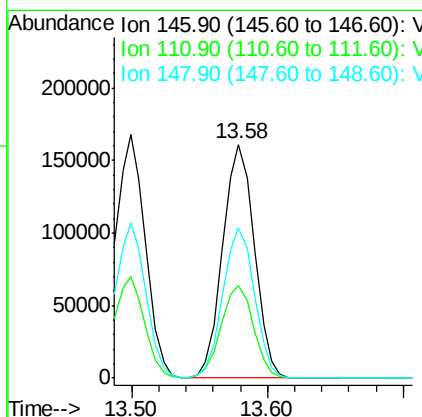
RT: 13.58 min Scan# 1915

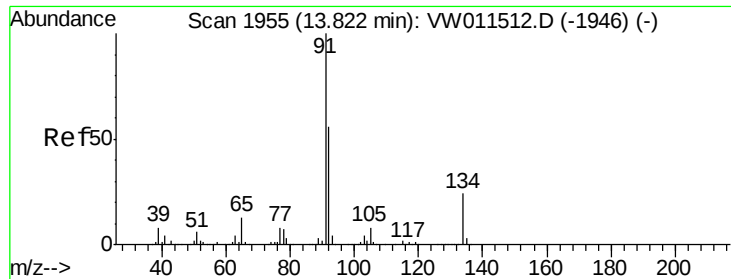
Delta R.T. 0.00 min

Lab File: VW011927.D

Acq: 15 Aug 2019 14:32

Tgt Ion:	146	Resp:	260607
Ion Ratio	Lower	Upper	
146	100		
111	40.5	20.1	60.2
148	64.2	31.9	95.9





#89

n-Butylbenzene

Concen: 57.790 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW011927.D

Acq: 15 Aug 2019 14:32

Instrument :

MSVOA_W

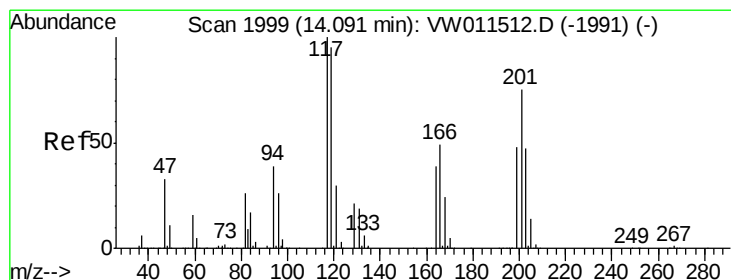
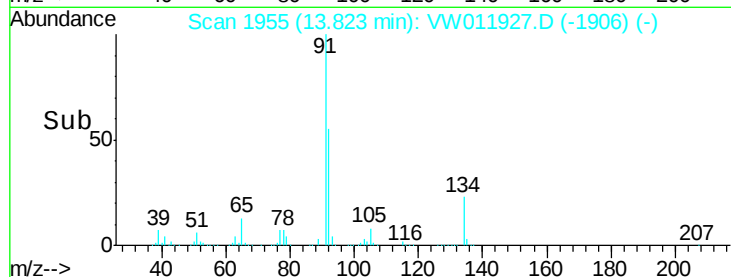
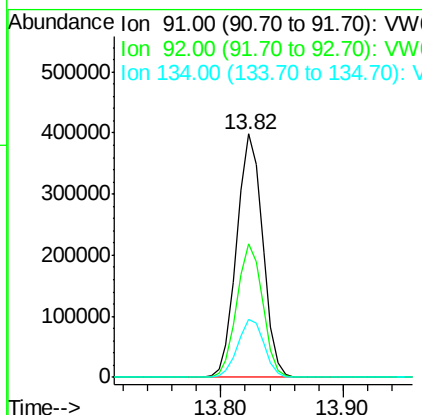
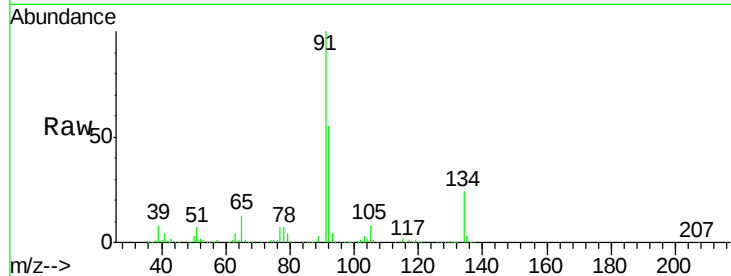
ClientSampleId :

VSTDCCC050

Tot Ion:	91	Resp:	583072
Ion Ratio	Lower	Upper	
91	100		
92	54.8	27.5	82.4
134	24.2	12.2	36.6

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#90

Hexachloroethane

Concen: 57.506 ug/l

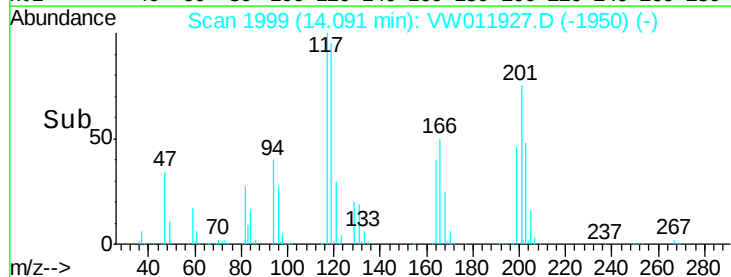
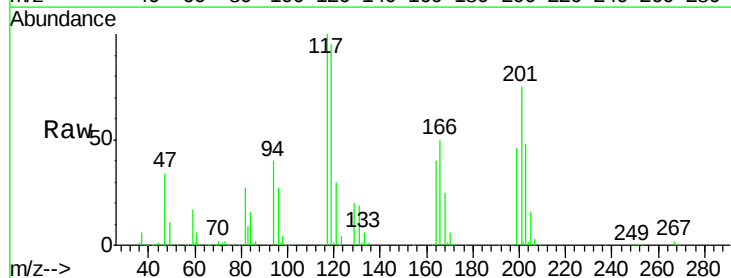
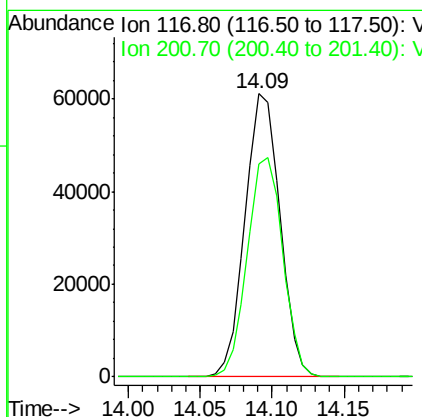
RT: 14.09 min Scan# 1999

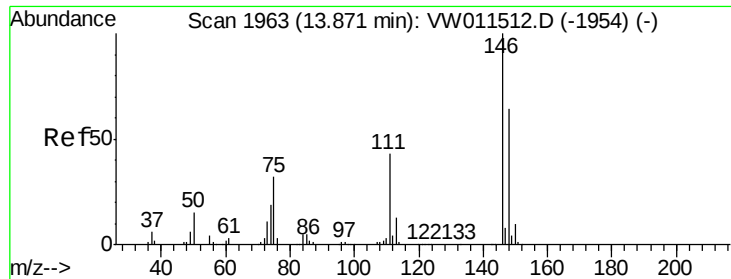
Delta R.T. 0.00 min

Lab File: VW011927.D

Acq: 15 Aug 2019 14:32

Tgt Ion:	117	Resp:	102810
Ion Ratio	Lower	Upper	
117	100		
201	78.6	39.4	118.2





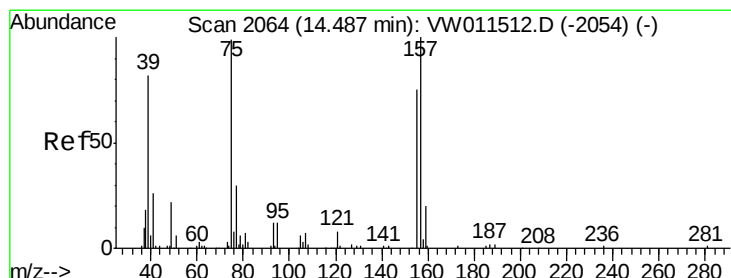
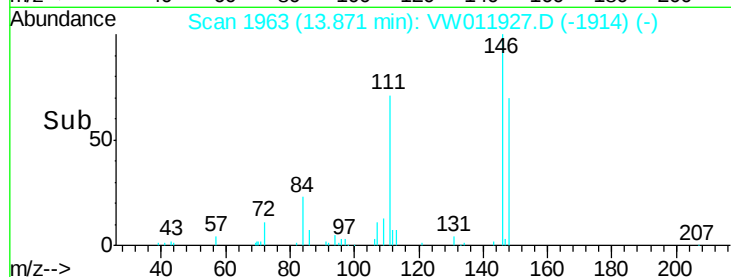
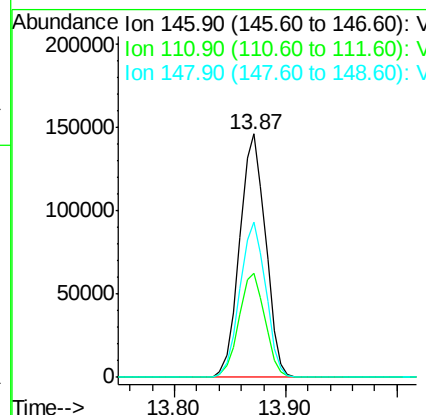
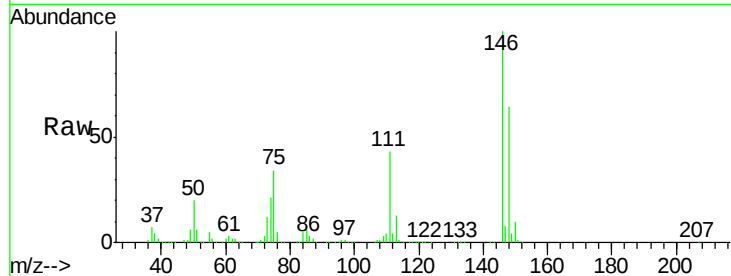
#91
 1,2-Dichlorobenzene
 Concen: 54.869 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW011927.D
 Acq: 15 Aug 2019 14:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	234315		
111	43.1	21.6	65.0	
148	63.8	32.0	96.2	

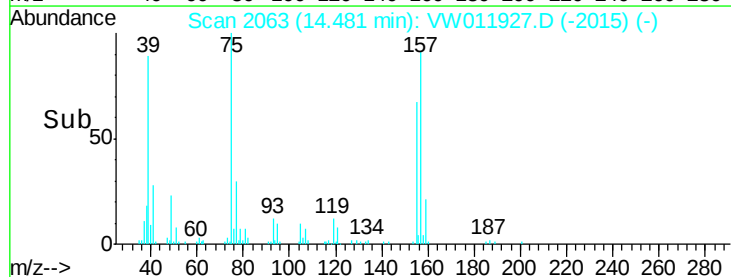
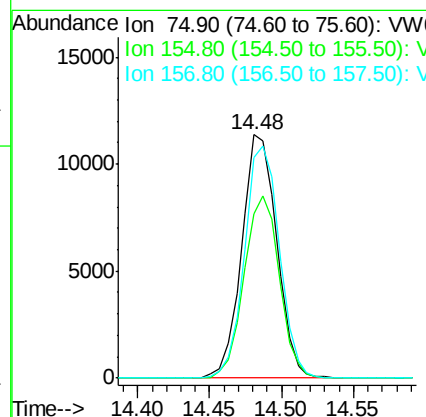
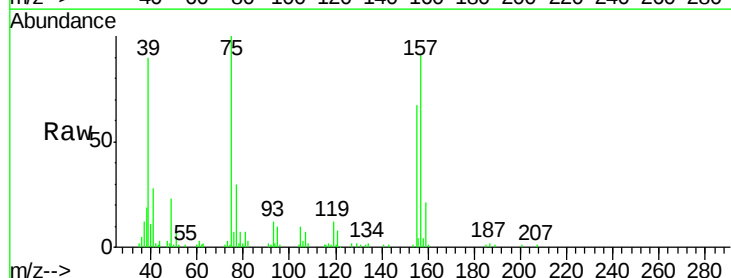
Manual Integrations
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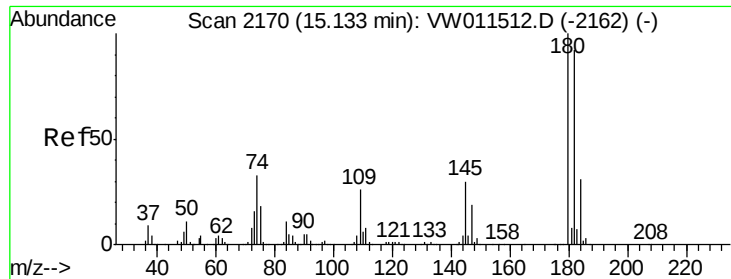
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.785 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW011927.D
 Acq: 15 Aug 2019 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	19220		
155	74.9	38.2	114.6	
157	94.7	48.9	146.7	





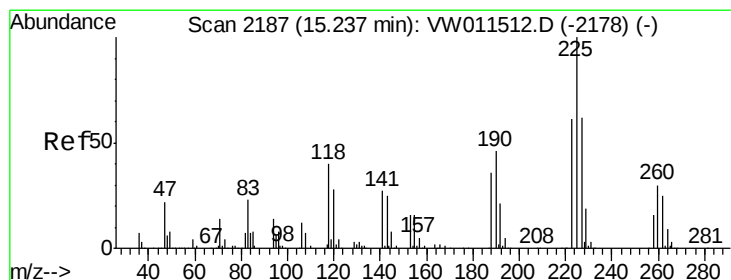
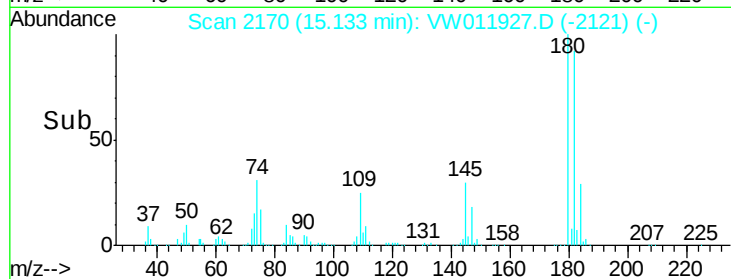
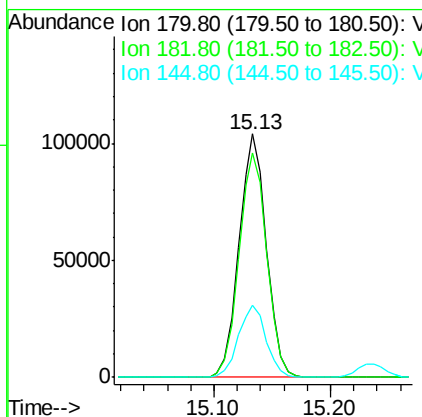
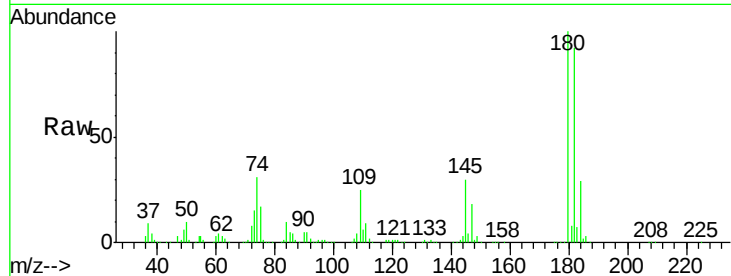
#93
 1,2,4-Trichlorobenzene
 Concen: 56.117 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW011927.D
 Acq: 15 Aug 2019 14:32

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	168894		
182	94.1	47.4	142.2	
145	30.3	15.4	46.1	

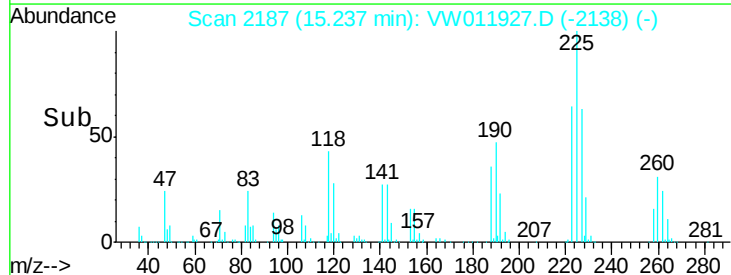
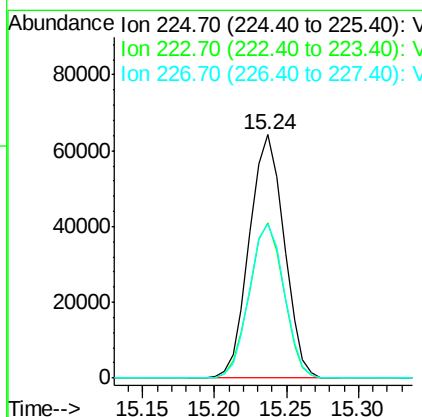
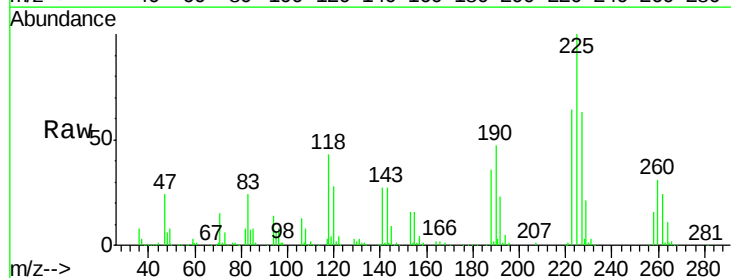
Manual Integrations
 APPROVED

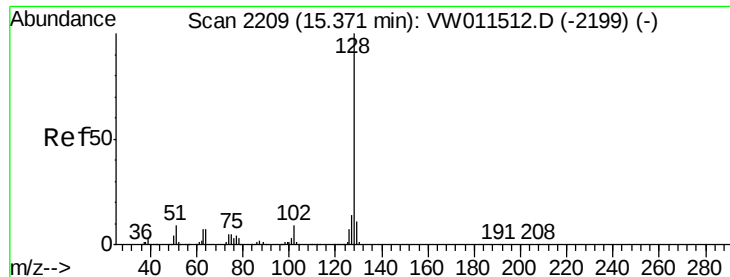
MMDadoda
 8/16/2019 8:27:09 AM



#94
 Hexachlorobutadiene
 Concen: 57.262 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW011927.D
 Acq: 15 Aug 2019 14:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	107474		
223	62.9	30.8	92.3	
227	63.5	31.6	94.7	





#95

Naphthalene

Concen: 51.322 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.01 min

Lab File: VW011927.D

Acq: 15 Aug 2019 14:32

Instrument :

MSVOA_W

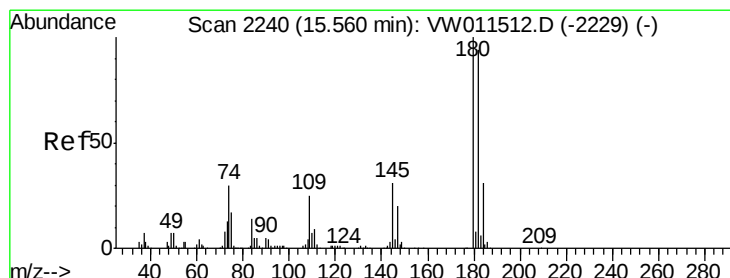
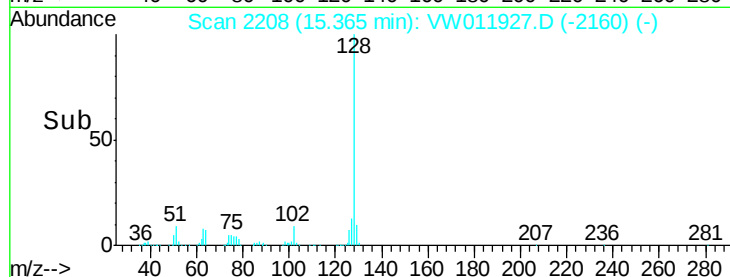
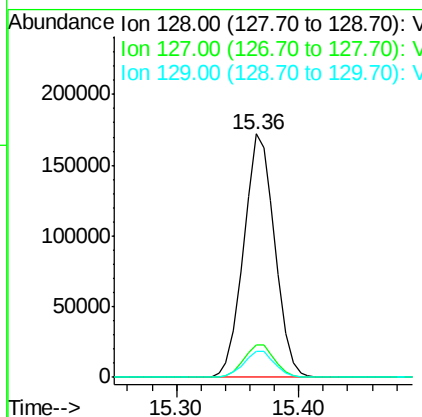
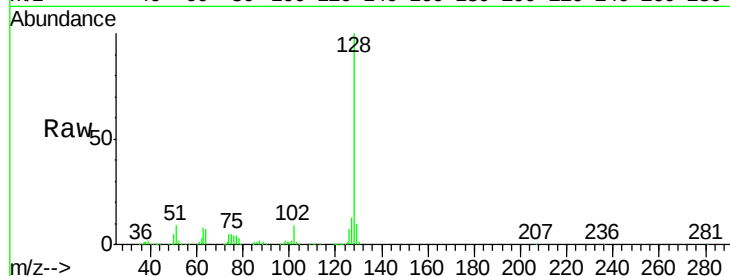
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	302907
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.6	16.0
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
8/16/2019 8:27:09 AM



#96

1,2,3-Trichlorobenzene

Concen: 54.759 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. 0.00 min

Lab File: VW011927.D

Acq: 15 Aug 2019 14:32

Tgt Ion:	180	Resp:	144463
Ion Ratio	Lower	Upper	
180	100		
182	96.3	47.4	142.2
145	32.0	15.9	47.7

