

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092419\
 Data File : VW013267.D
 Acq On : 24 Sep 2019 10:57
 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
 9/26/2019 12:37:34 AM

Quant Time: Sep 25 07:25:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	379014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	551901	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	476884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	240342	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	149072	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
35) Dibromofluoromethane	7.88	113	152236	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
50) Toluene-d8	10.32	98	635059	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
62) 4-Bromofluorobenzene	12.62	95	217677	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	98334	44.978	ug/l	97
3) Chloromethane	2.21	50	129602	46.115	ug/l	98
4) Vinyl Chloride	2.36	62	179722	49.603	ug/l	100
5) Bromomethane	2.78	94	112614	49.046	ug/l	94
6) Chloroethane	2.92	64	105705	49.495	ug/l	94
7) Trichlorofluoromethane	3.26	101	94731	45.343	ug/l	98
8) Diethyl Ether	3.68	74	88493	49.589	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	173083	50.886	ug/l	99
10) Methyl Iodide	4.27	142	278622	52.834	ug/l	98
11) Tert butyl alcohol	5.20	59	47978	214.006	ug/l	100
12) 1,1-Dichloroethene	4.04	96	182581	51.837	ug/l	97
13) Acrolein	3.89	56	43196	242.583	ug/l	100
14) Allyl chloride	4.66	41	291391	51.982	ug/l	99
15) Acrylonitrile	5.37	53	191820	249.040	ug/l	99
16) Acetone	4.13	43	176297	252.728	ug/l	97
17) Carbon Disulfide	4.38	76	521933	51.268	ug/l	99
18) Methyl Acetate	4.67	43	88971	45.373	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	271145	50.228	ug/l	97
20) Methylene Chloride	4.92	84	184322	51.768	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	195513	51.357	ug/l	98
22) Diisopropyl ether	6.31	45	549860	51.583	ug/l	98
23) Vinyl Acetate	6.25	43	1625298	257.010	ug/l	99
24) 1,1-Dichloroethane	6.21	63	330379	51.362	ug/l	99
25) 2-Butanone	7.17	43	243426	232.459	ug/l	96
26) 2,2-Dichloropropane	7.16	77	198097	51.577	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	208690	51.945	ug/l	99
28) Bromochloromethane	7.51	49	132449	53.651	ug/l	99
29) Tetrahydrofuran	7.52	42	152339	237.215	ug/l	99
30) Chloroform	7.68	83	313301	49.750	ug/l	96
31) Cyclohexane	7.95	56	328033	48.923	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	254049	49.809	ug/l	99
36) 1,1-Dichloropropene	8.08	75	266028	49.766	ug/l	99
37) Ethyl Acetate	7.25	43	108732	47.860	ug/l	98
38) Carbon Tetrachloride	8.07	117	236036	49.257	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	350121	50.967	ug/l	99
40) Benzene	8.32	78	753707	50.549	ug/l	99
41) Methacrylonitrile	7.48	41	65051	47.975	ug/l	97
42) 1,2-Dichloroethane	8.40	62	193994	48.399	ug/l	98
43) Isopropyl Acetate	8.42	43	212659	48.840	ug/l	100
44) Trichloroethene	9.09	130	212239	50.734	ug/l	94
45) 1,2-Dichloropropane	9.37	63	188270	51.719	ug/l	98
46) Dibromomethane	9.46	93	87213	49.348	ug/l	98
47) Bromodichloromethane	9.65	83	226751	50.422	ug/l	99
48) Methyl methacrylate	9.43	41	99884	48.784	ug/l	99
49) 1,4-Dioxane	9.46	88	23806	897.366	ug/l #	91
51) 4-Methyl-2-Pentanone	10.21	43	514599	235.744	ug/l	99
52) Toluene	10.38	92	485778	50.835	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	237427	51.388	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	295128	52.536	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	131447	49.761	ug/l	97
56) Ethyl methacrylate	10.64	69	177566	51.362	ug/l	96
57) 1,3-Dichloropropane	10.93	76	230402	49.982	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	405677	253.476	ug/l	99
59) 2-Hexanone	10.97	43	369163	245.812	ug/l	99
60) Dibromochloromethane	11.13	129	151504	50.510	ug/l	100
61) 1,2-Dibromoethane	11.23	107	124632	49.623	ug/l	100
64) Tetrachloroethene	10.86	164	182761	50.510	ug/l	99
65) Chlorobenzene	11.66	112	500418	50.251	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	176264	51.811	ug/l	99
67) Ethyl Benzene	11.73	91	930234	51.555	ug/l	100
68) m/p-Xylenes	11.83	106	706372	102.735	ug/l	100
69) o-Xylene	12.16	106	328469	51.384	ug/l	99
70) Styrene	12.18	104	570840	52.015	ug/l	99
71) Bromoform	12.35	173	88966	49.499	ug/l #	98
73) Isopropylbenzene	12.46	105	916205	51.605	ug/l	100
74) N-amyl acetate	12.27	43	197818	50.212	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	141414	47.626	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	87821m	41.376	ug/l	
77) Bromobenzene	12.74	156	212086	50.409	ug/l	99
78) n-propylbenzene	12.80	91	1069231	51.450	ug/l	99
79) 2-Chlorotoluene	12.89	91	590554	50.723	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	773046	51.798	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	48802	51.593	ug/l	94
82) 4-Chlorotoluene	12.99	91	615806	50.156	ug/l	99
83) tert-Butylbenzene	13.21	119	684630	52.265	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	770286	51.868	ug/l	98
85) sec-Butylbenzene	13.38	105	926773	51.317	ug/l	99
86) p-Isopropyltoluene	13.49	119	865738	51.684	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	411581	50.830	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	407888	51.363	ug/l	100
89) n-Butylbenzene	13.82	91	809088	52.899	ug/l	99
90) Hexachloroethane	14.09	117	146077	51.912	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	359970	51.387	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	22214	48.912	ug/l	95

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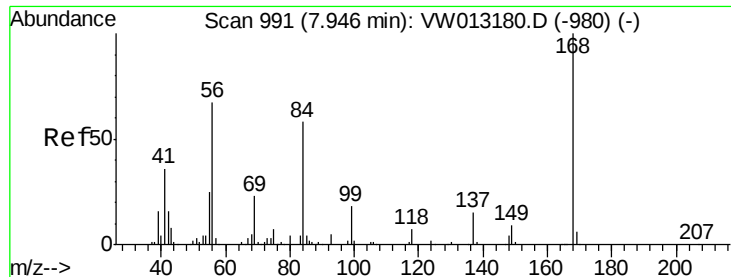
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	277658	55.314	ug/l	100
94) Hexachlorobutadiene	15.24	225	175247	51.030	ug/l	97
95) Naphthalene	15.36	128	473124	57.629	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	237656	54.793	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013267.D

Acq: 24 Sep 2019 10:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 379014

Ion Ratio Lower Upper

168 100

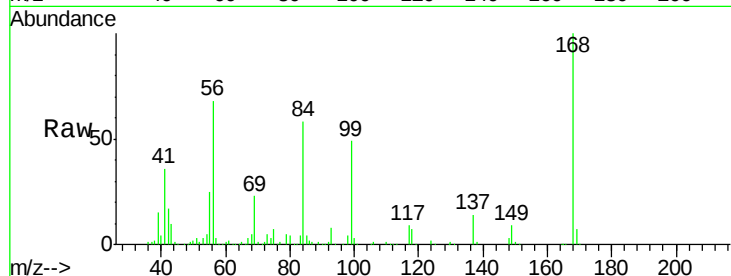
99 48.6 40.2 60.4

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

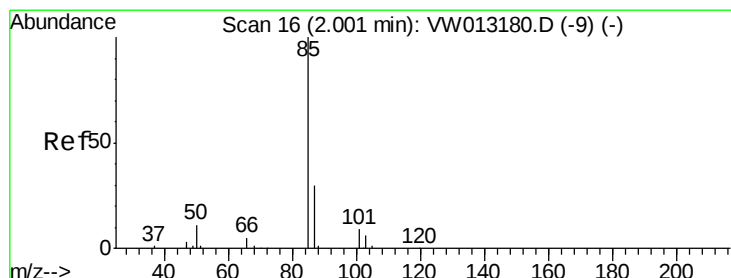
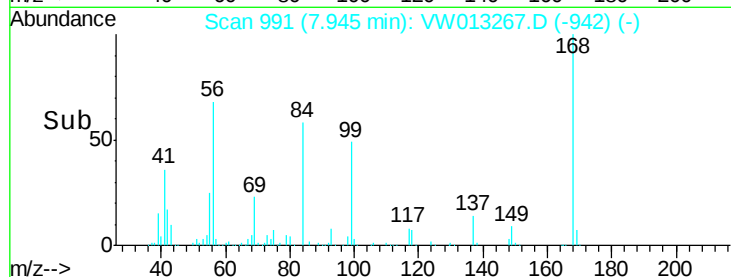
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 44.978 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW013267.D

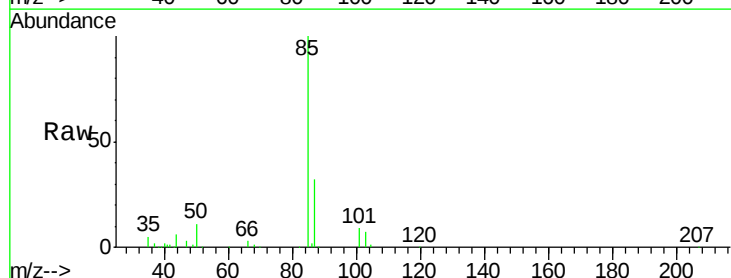
Acq: 24 Sep 2019 10:57

Tgt Ion: 85 Resp: 98334

Ion Ratio Lower Upper

85 100

87 31.6 15.1 45.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

40000

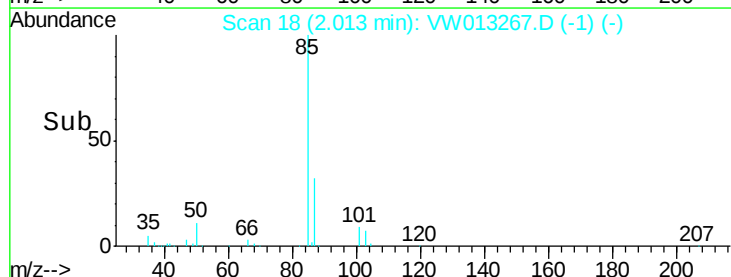
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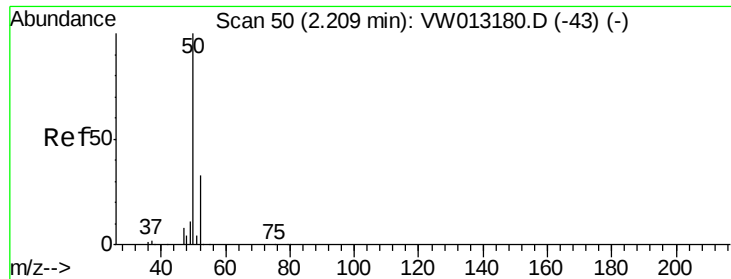
20000

10000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 46.115 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW013267.D

Acq: 24 Sep 2019 10:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 129602

Ion Ratio Lower Upper

50 100

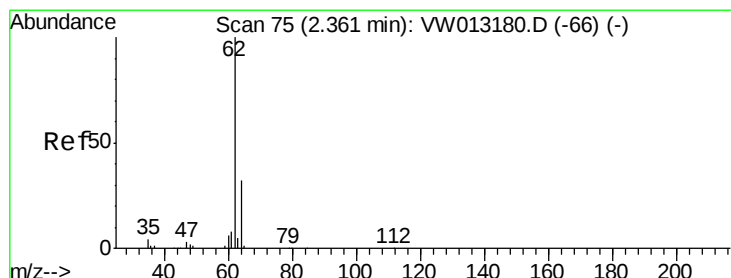
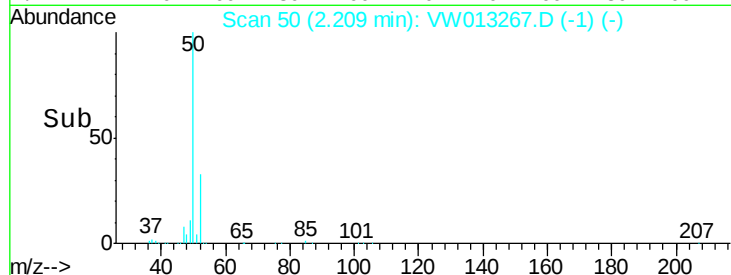
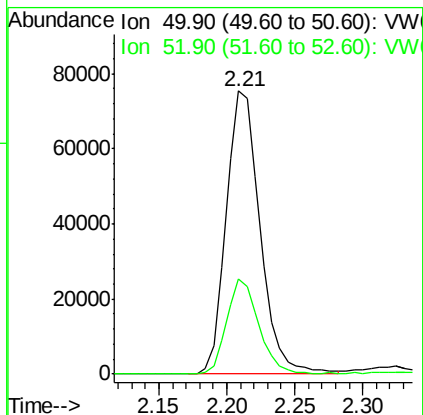
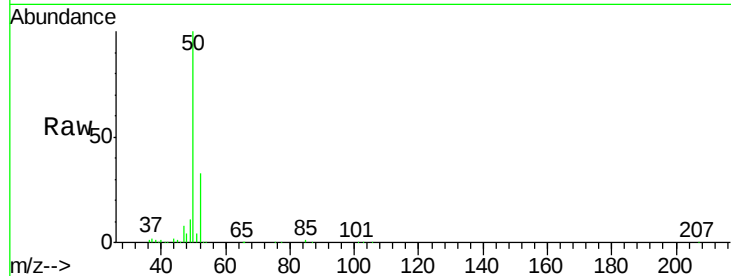
52 33.5 26.1 39.1

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#4

Vinyl Chloride

Concen: 49.603 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW013267.D

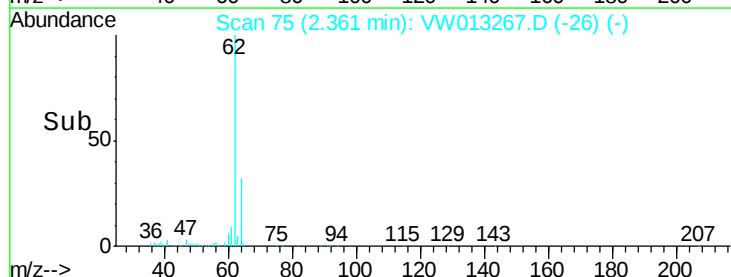
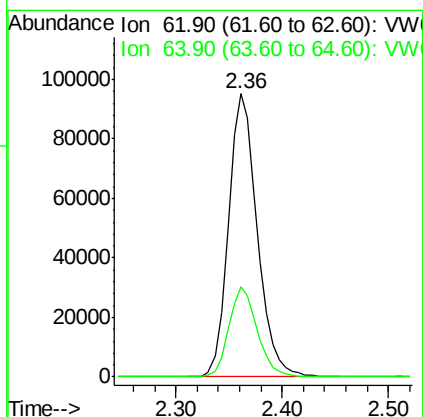
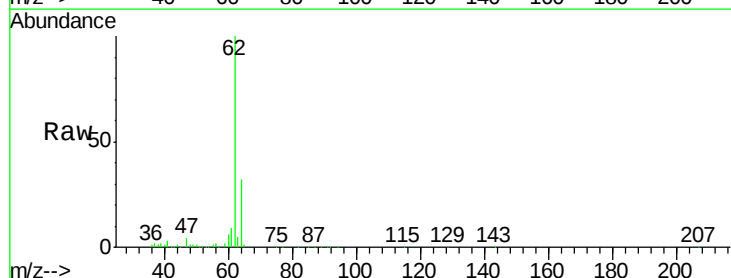
Acq: 24 Sep 2019 10:57

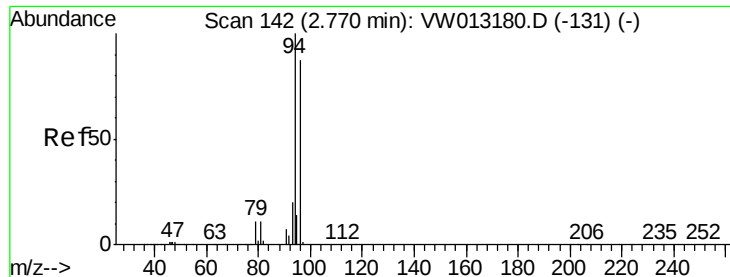
Tgt Ion: 62 Resp: 179722

Ion Ratio Lower Upper

62 100

64 31.9 25.3 37.9





#5

Bromomethane

Concen: 49.046 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.01 min

Lab File: VW013267.D

Acq: 24 Sep 2019 10:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 112614

Ion Ratio Lower Upper

94 100

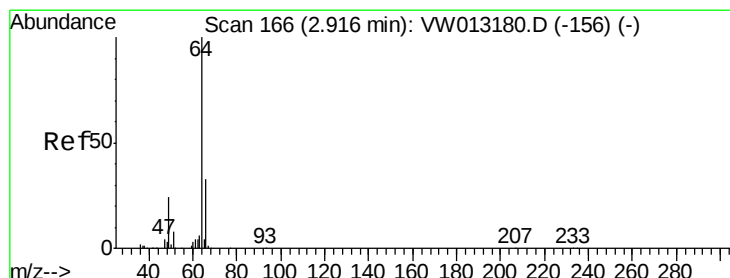
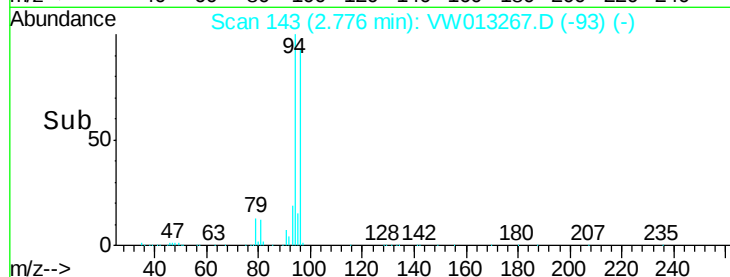
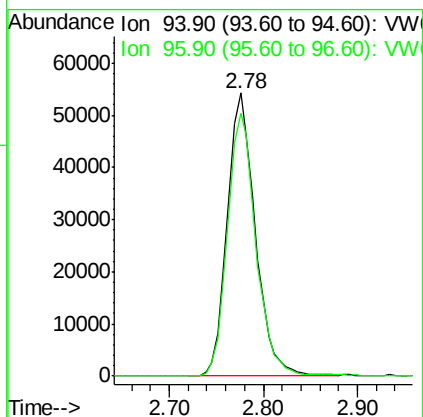
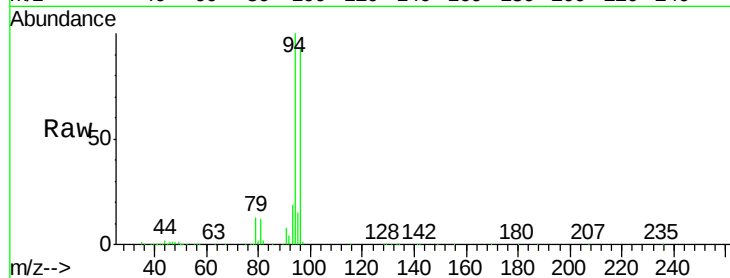
96 92.7 69.7 104.5

Manual Integrations

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#6

Chloroethane

Concen: 49.495 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.01 min

Lab File: VW013267.D

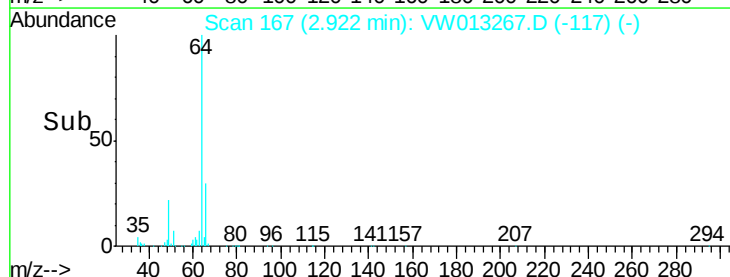
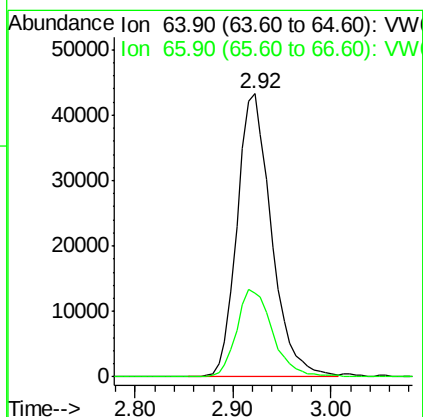
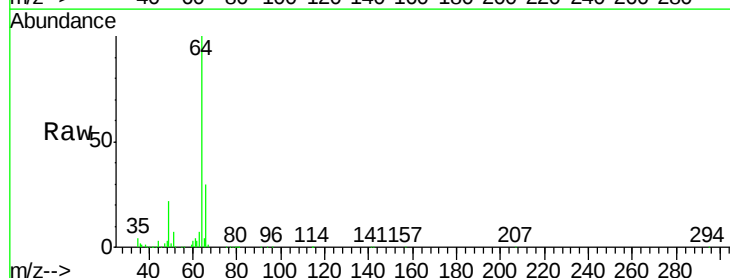
Acq: 24 Sep 2019 10:57

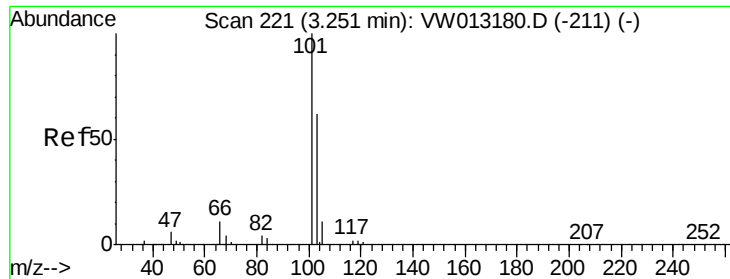
Tgt Ion: 64 Resp: 105705

Ion Ratio Lower Upper

64 100

66 29.7 26.6 39.8





#7

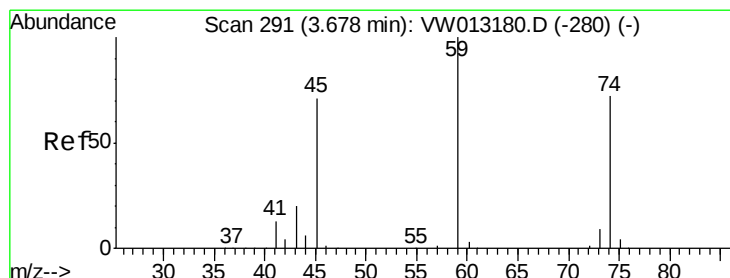
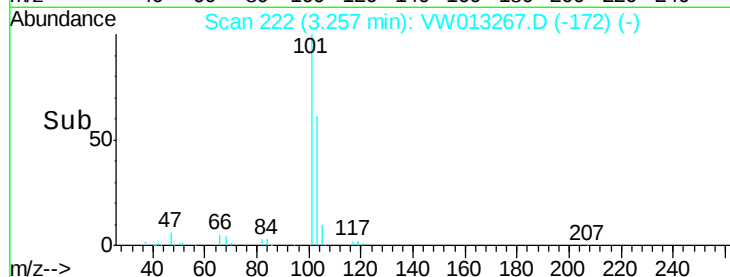
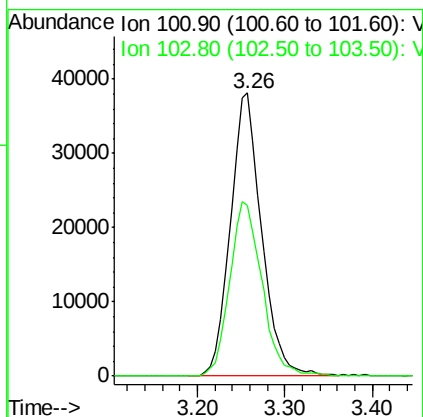
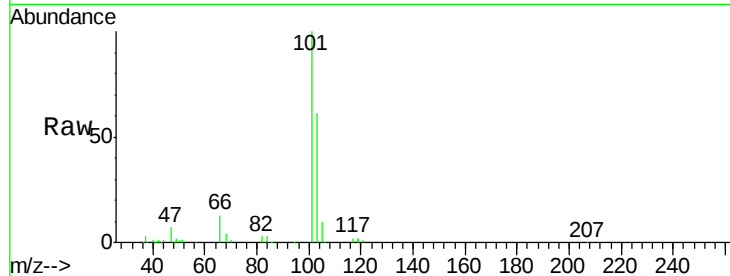
Trichlorofluoromethane
Concen: 45.343 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.01 min
Lab File: VW013267.D
Acq: 24 Sep 2019 10:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 101 Resp: 94731
Ion Ratio Lower Upper
101 100
103 60.5 49.7 74.5

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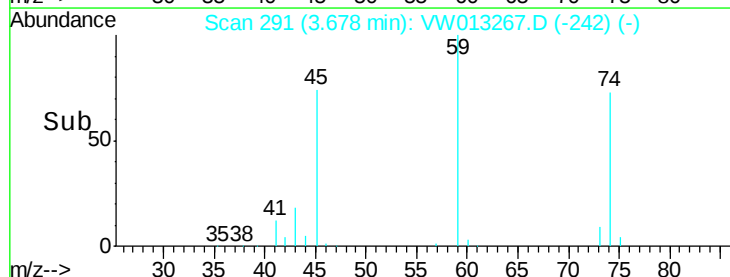
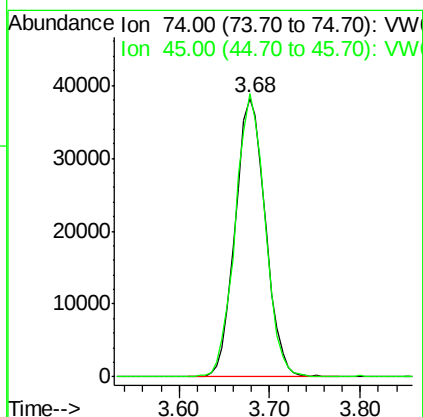
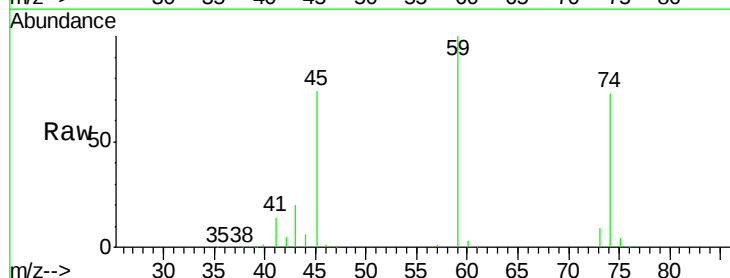
MMDadoda
9/26/2019 12:37:34 AM

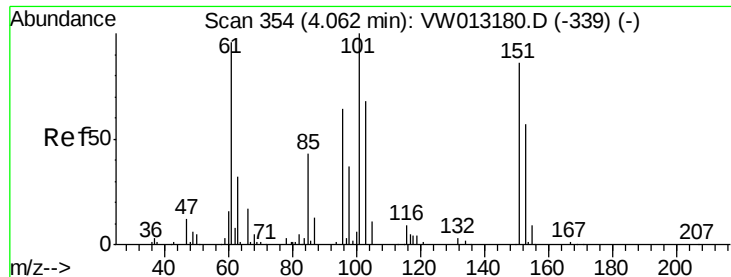


#8

Diethyl Ether
Concen: 49.589 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW013267.D
Acq: 24 Sep 2019 10:57

Tgt Ion: 74 Resp: 88493
Ion Ratio Lower Upper
74 100
45 99.9 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.886 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW013267.D

Acq: 24 Sep 2019 10:57

Instrument :

MSVOA_W

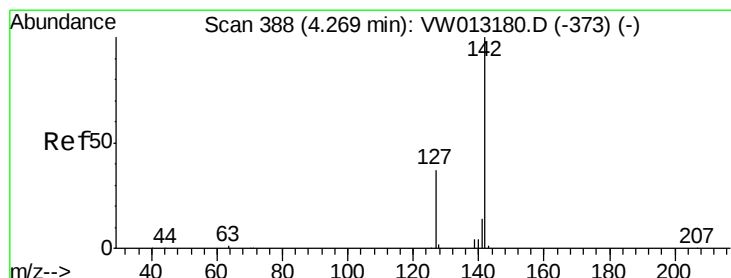
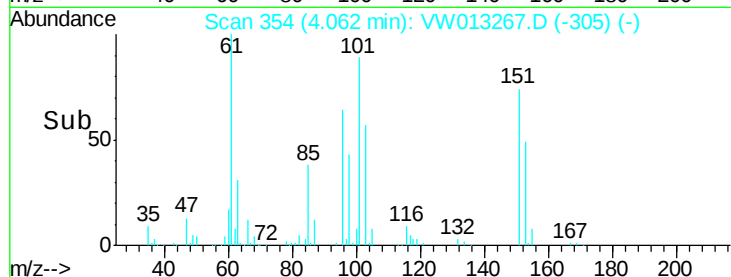
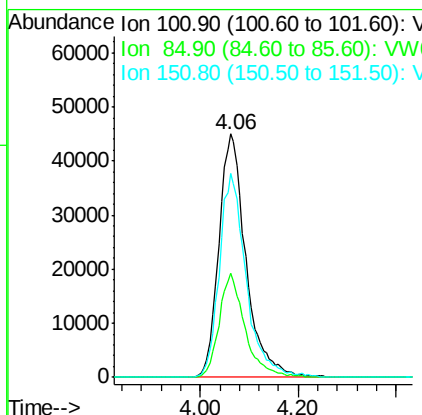
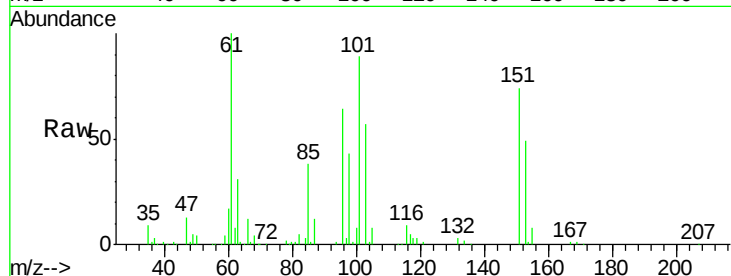
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	173083
Ion Ratio	Lower	Upper	
101	100		
85	40.6	33.4	50.0
151	82.8	66.9	100.3

Manual Integrations
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#10

Methyl Iodide

Concen: 52.834 ug/l

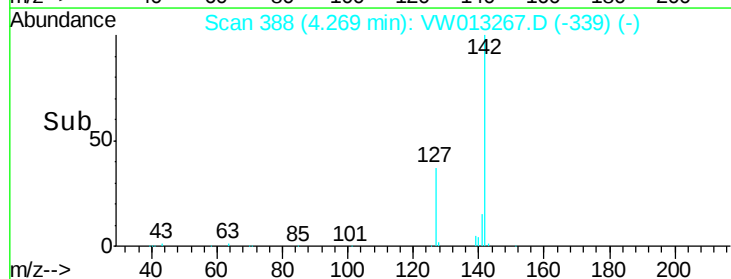
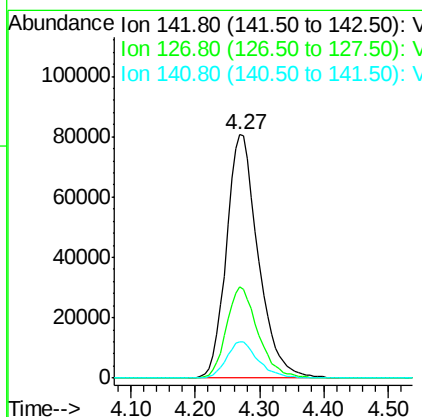
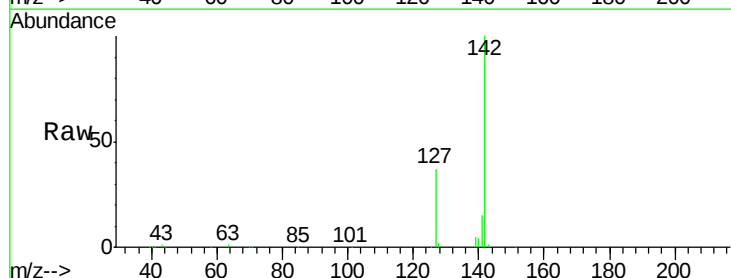
RT: 4.27 min Scan# 388

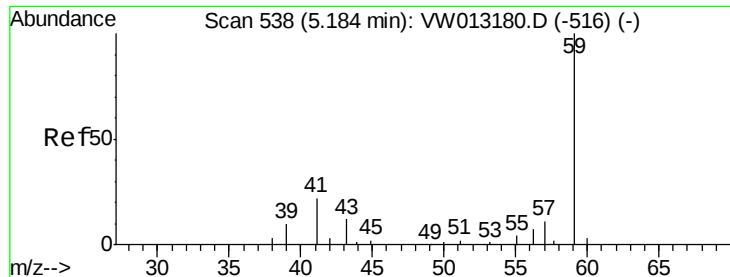
Delta R.T. -0.00 min

Lab File: VW013267.D

Acq: 24 Sep 2019 10:57

Tgt Ion:	142	Resp:	278622
Ion Ratio	Lower	Upper	
142	100		
127	37.2	30.9	46.3
141	14.9	11.7	17.5





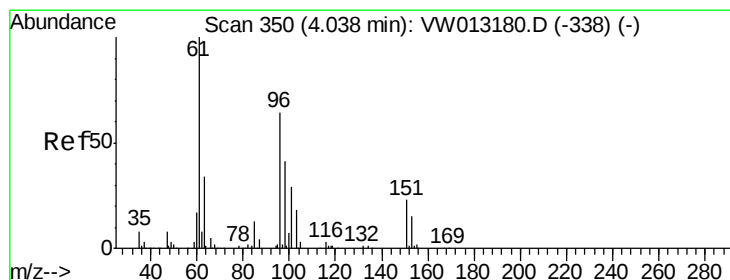
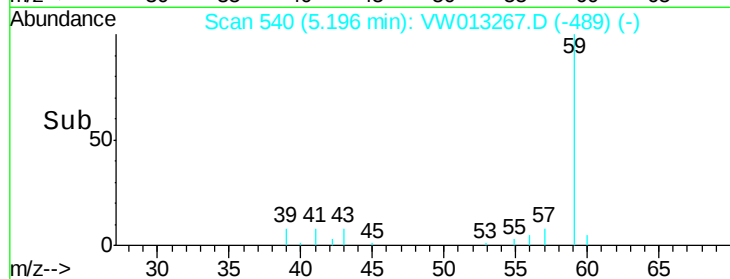
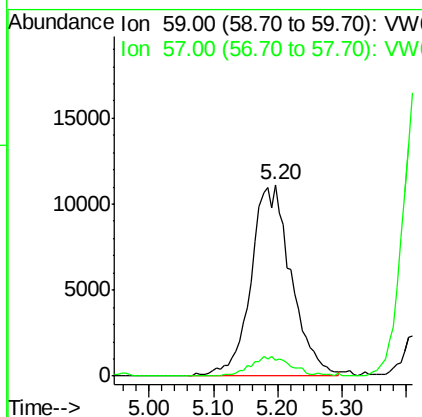
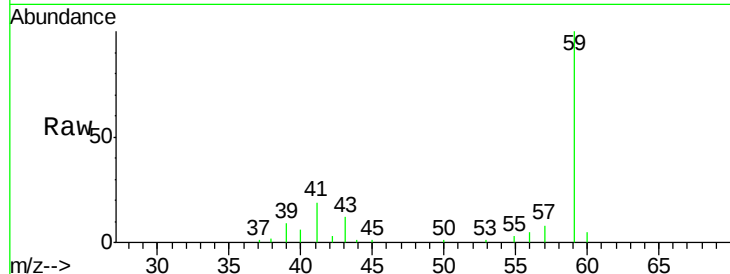
#11
Tert butyl alcohol
Concen: 214.006 ug/l
RT: 5.20 min Scan# 540
Delta R.T. 0.01 min
Lab File: VW013267.D
Acq: 24 Sep 2019 10:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	47978
Ion Ratio	100	Lower	Upper
57	10.0	8.2	12.2

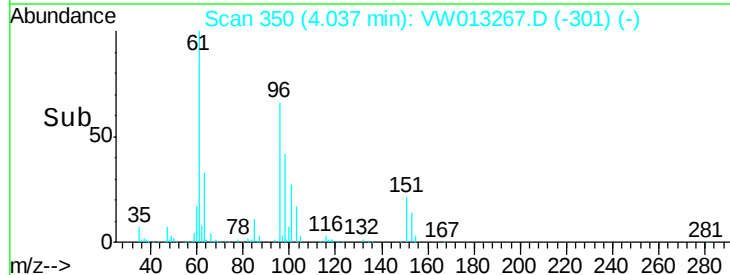
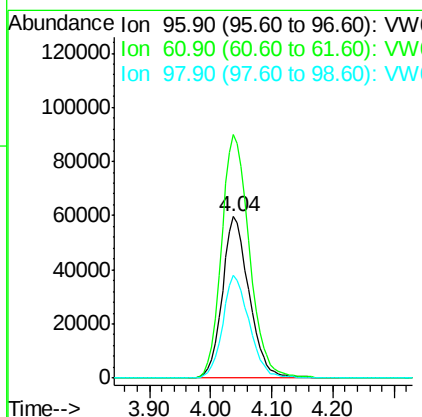
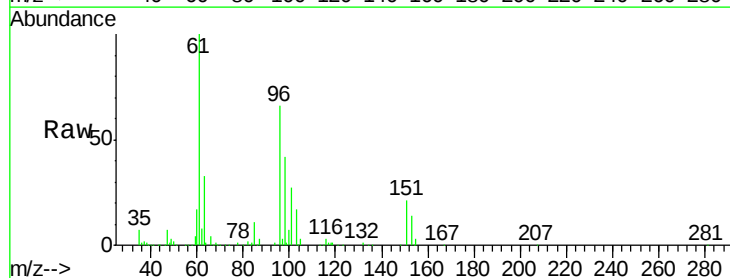
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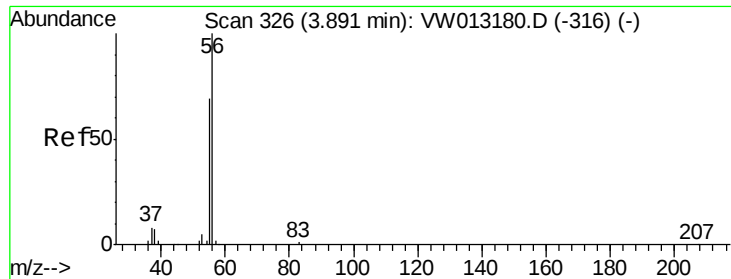
MMDadoda
9/26/2019 12:37:34 AM



#12
1,1-Dichloroethene
Concen: 51.837 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW013267.D
Acq: 24 Sep 2019 10:57

Tgt Ion	96	Resp	182581
Ion Ratio	100	Lower	Upper
61	150.7	125.1	187.7
98	63.6	50.8	76.2





#13

Acrolein

Concen: 242.583 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW013267.D

Acq: 24 Sep 2019 10:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 43196

Ion Ratio Lower Upper

56 100

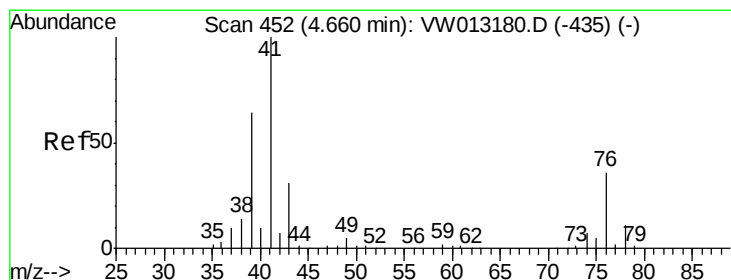
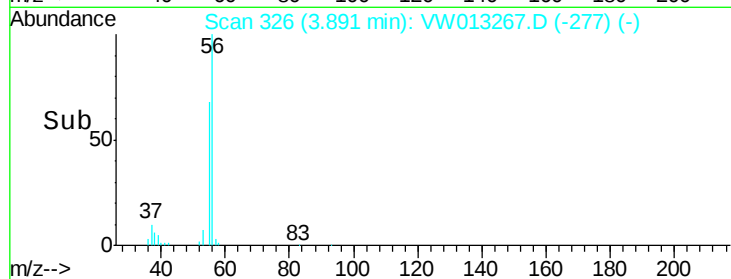
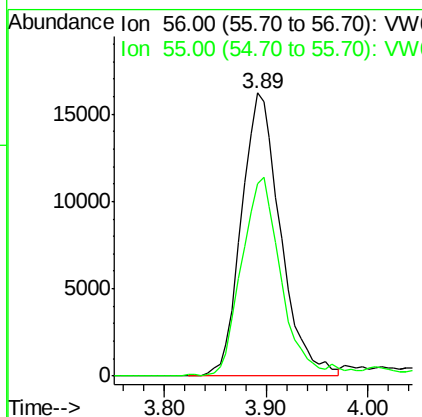
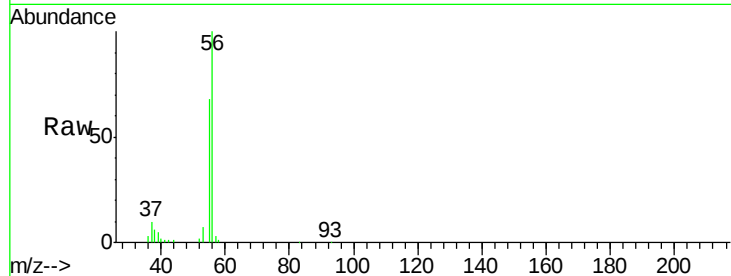
55 69.0 55.4 83.0

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#14

Allyl chloride

Concen: 51.982 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW013267.D

Acq: 24 Sep 2019 10:57

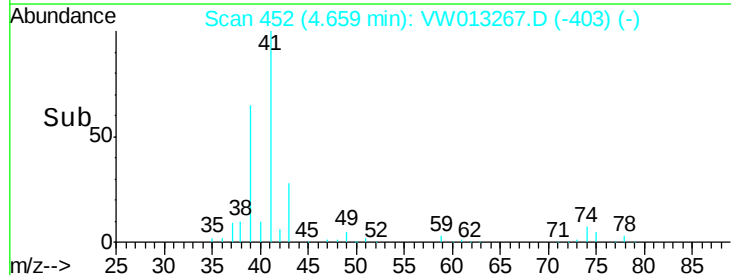
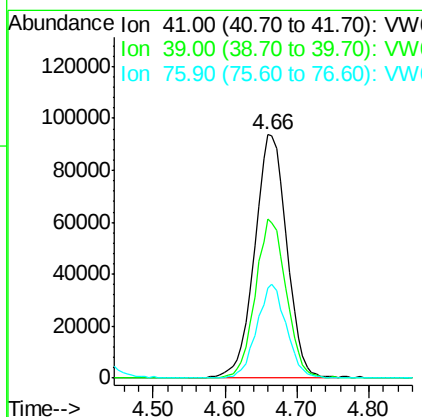
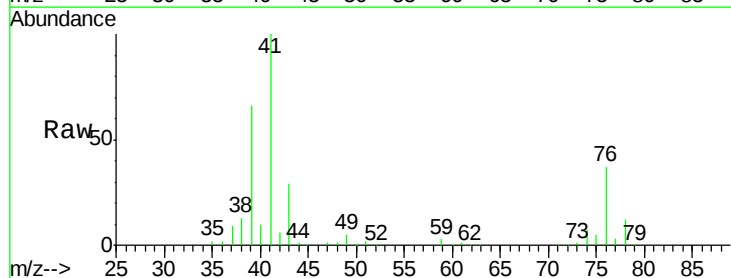
Tgt Ion: 41 Resp: 291391

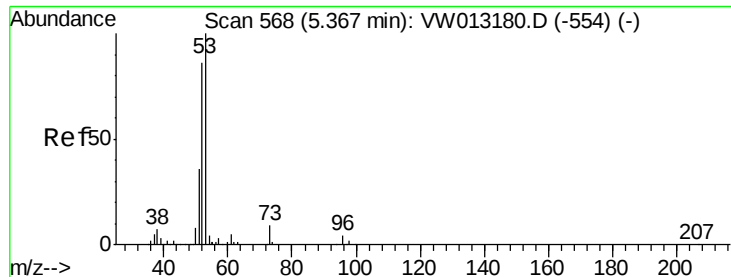
Ion Ratio Lower Upper

41 100

39 62.8 51.0 76.4

76 35.5 28.4 42.6





#15

Acrylonitrile

Concen: 249.040 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW013267.D

Acq: 24 Sep 2019 10:57

Instrument :

MSVOA_W

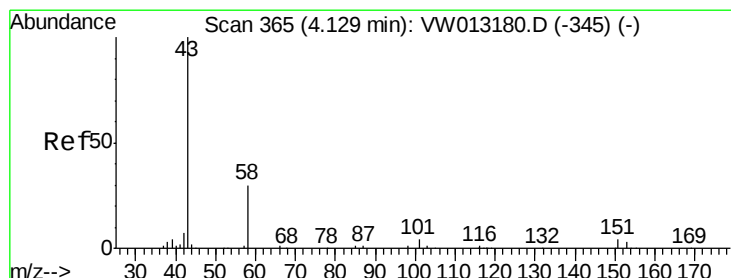
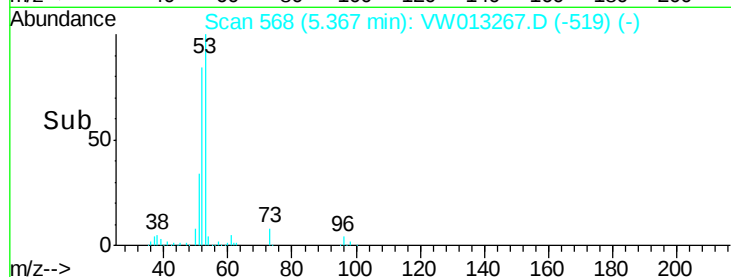
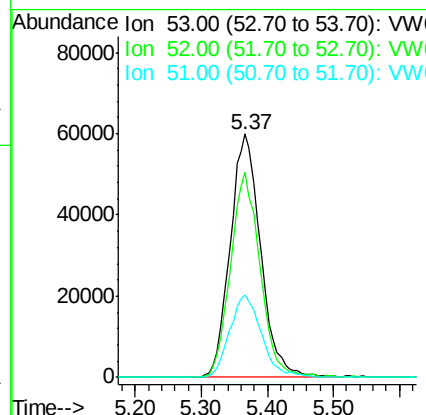
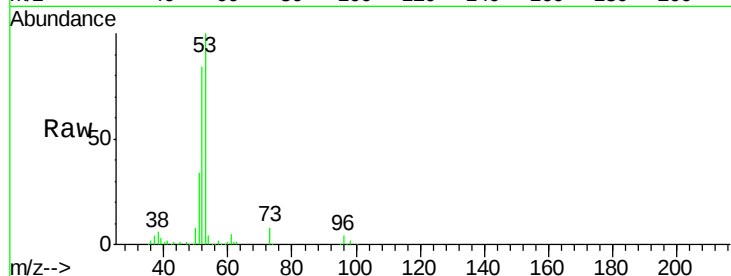
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	191820
Ion Ratio	Lower	Upper	
53	100		
52	81.8	65.3	97.9
51	35.2	29.0	43.4

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#16

Acetone

Concen: 252.728 ug/l

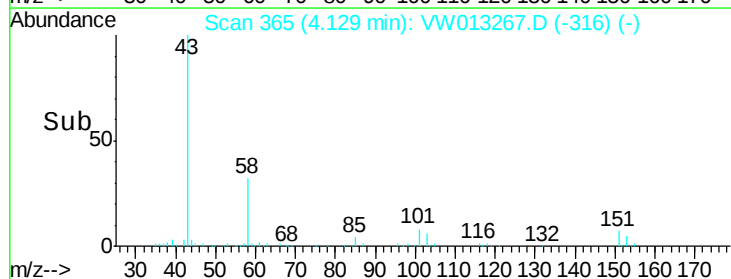
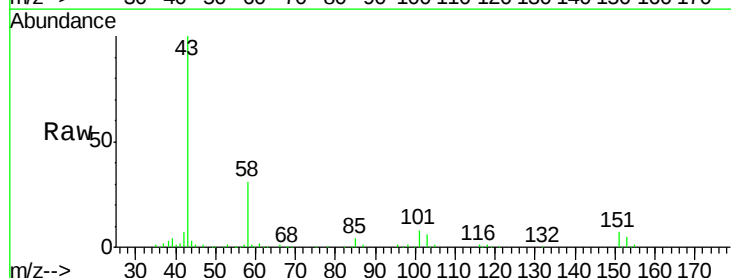
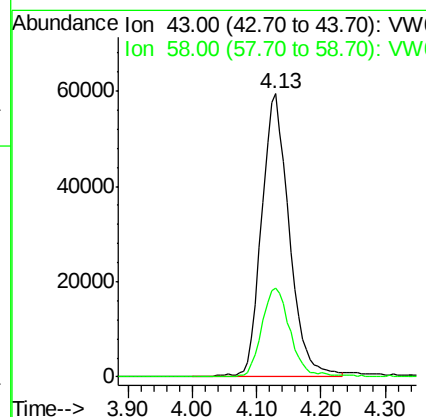
RT: 4.13 min Scan# 365

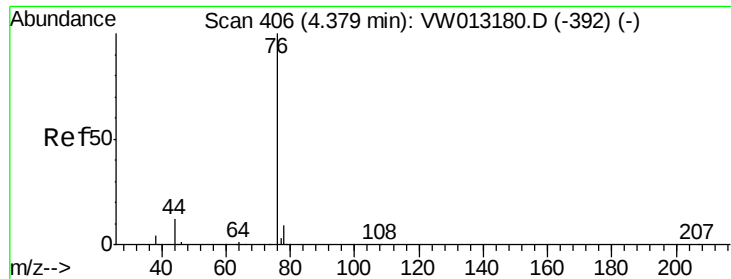
Delta R.T. -0.00 min

Lab File: VW013267.D

Acq: 24 Sep 2019 10:57

Tgt Ion:	43	Resp:	176297
Ion Ratio	Lower	Upper	
43	100		
58	31.5	24.1	36.1





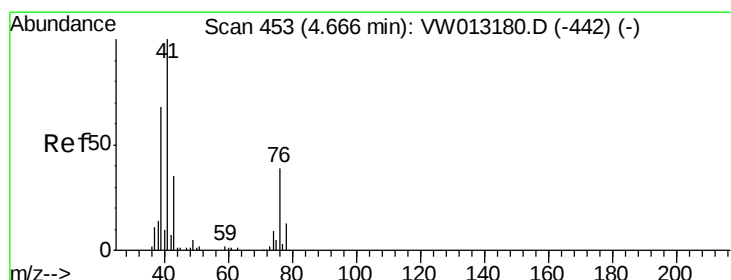
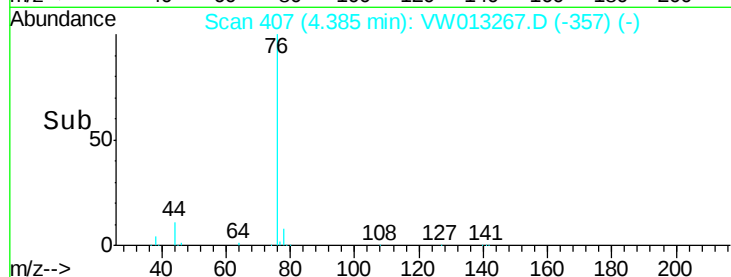
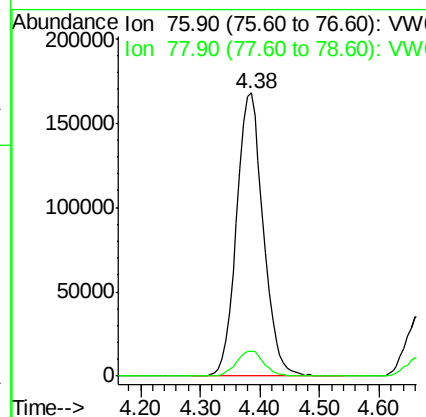
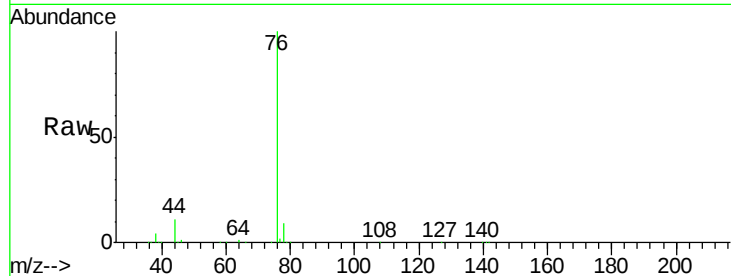
#17
Carbon Disulfide
Concen: 51.268 ug/l
RT: 4.38 min Scan# 407
Delta R.T. 0.01 min
Lab File: VW013267.D
Acq: 24 Sep 2019 10:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.0	10.4

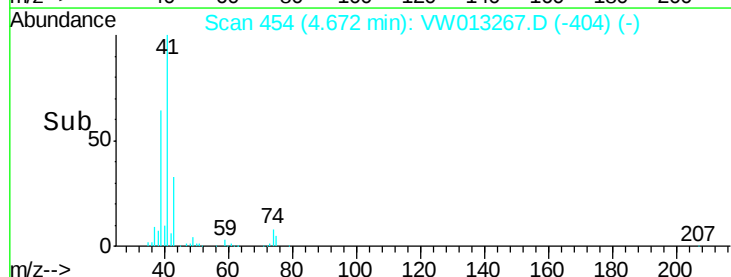
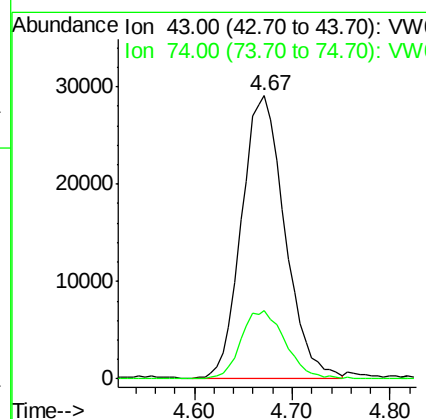
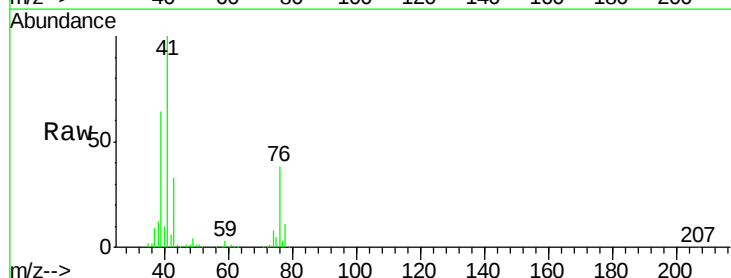
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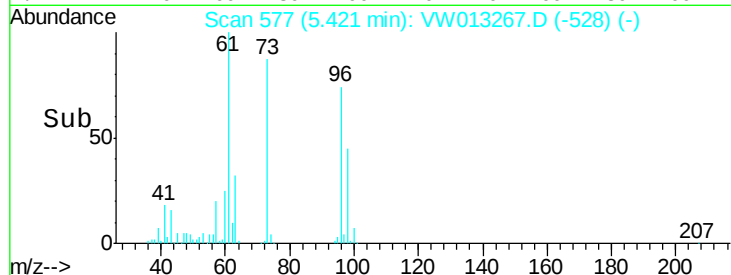
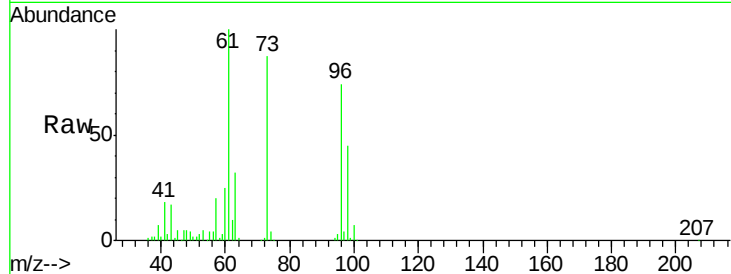
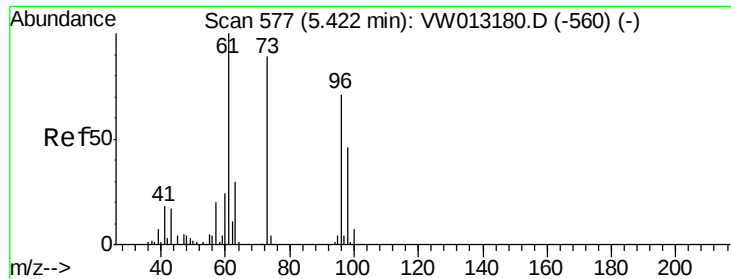
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#18
Methyl Acetate
Concen: 45.373 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW013267.D
Acq: 24 Sep 2019 10:57

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.8	19.3	28.9





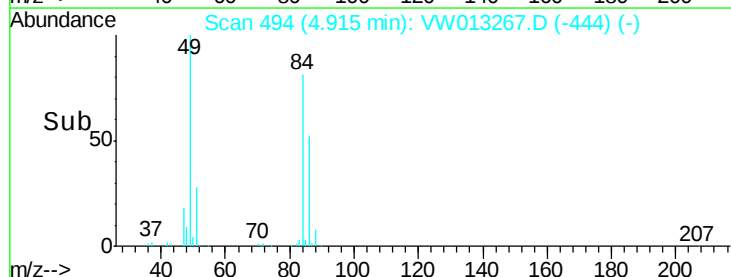
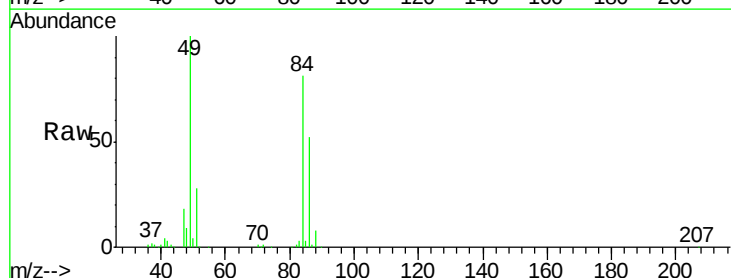
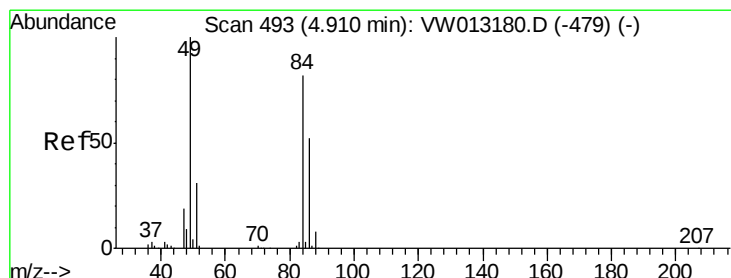
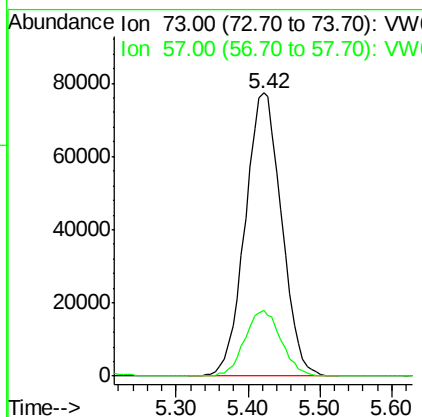
#19
Methyl tert-butyl Ether
Concen: 50.228 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW013267.D
Acq: 24 Sep 2019 10:57

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.3	17.6	26.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

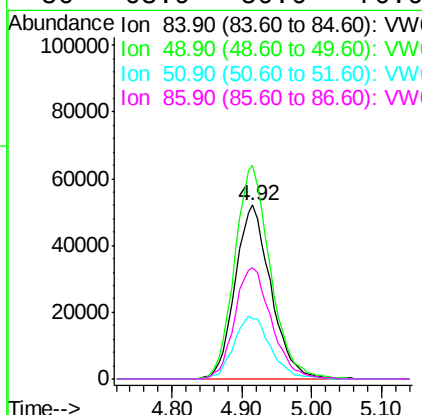
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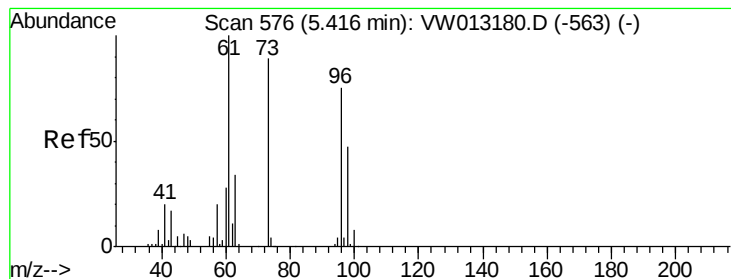
MMDadoda
9/26/2019 12:37:34 AM



#20
Methylene Chloride
Concen: 51.768 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW013267.D
Acq: 24 Sep 2019 10:57

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.1	97.6	146.4
51	35.0	30.2	45.2
86	63.9	50.6	76.0





#21

trans-1,2-Dichloroethene

Concen: 51.357 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW013267.D

Acq: 24 Sep 2019 10:57

Instrument :

MSVOA_W

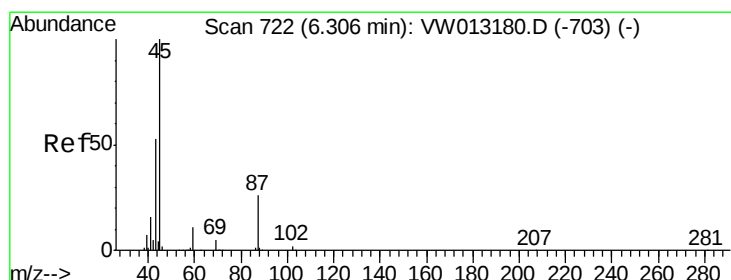
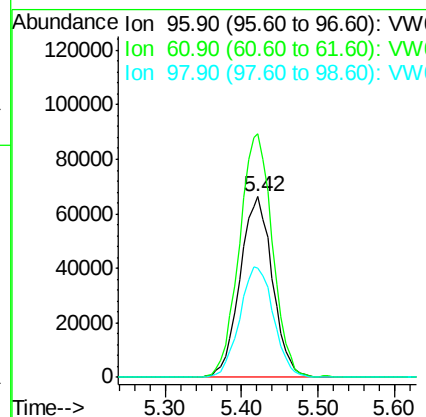
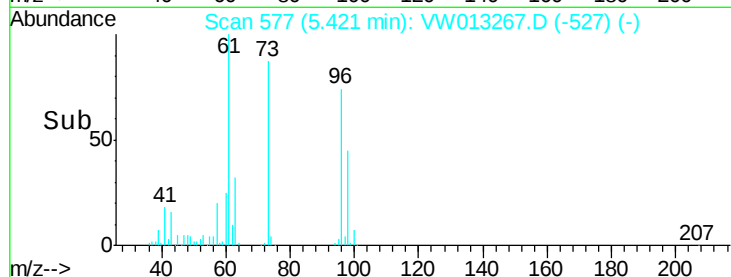
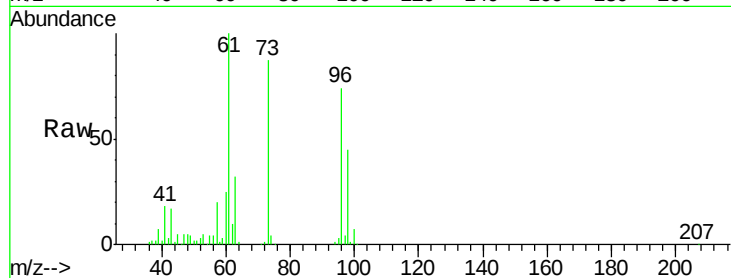
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	195513
Ion	Ratio	Lower	Upper
96	100		
61	135.0	106.6	159.8
98	60.6	49.8	74.8

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#22

Diisopropyl ether

Concen: 51.583 ug/l

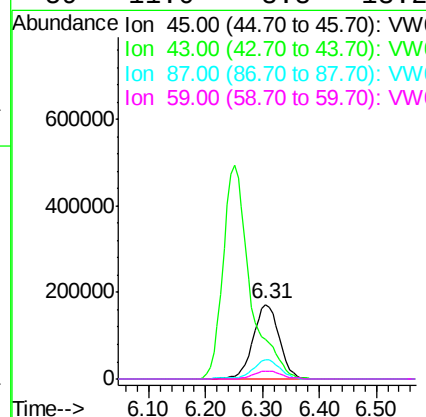
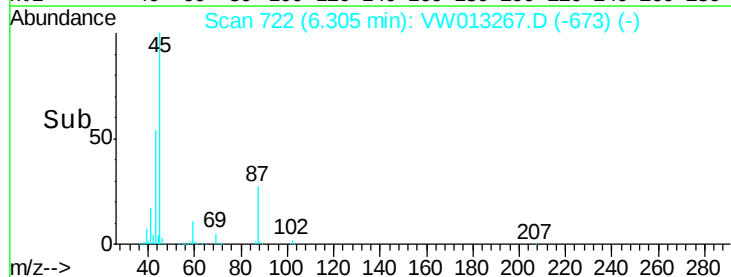
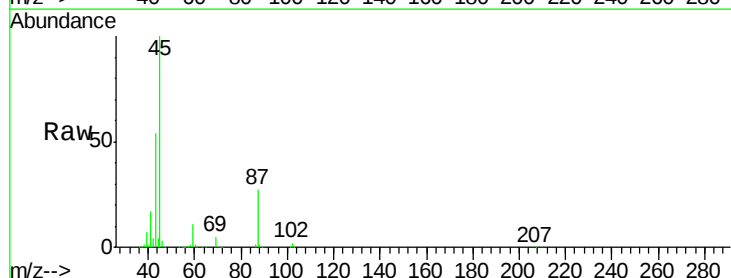
RT: 6.31 min Scan# 722

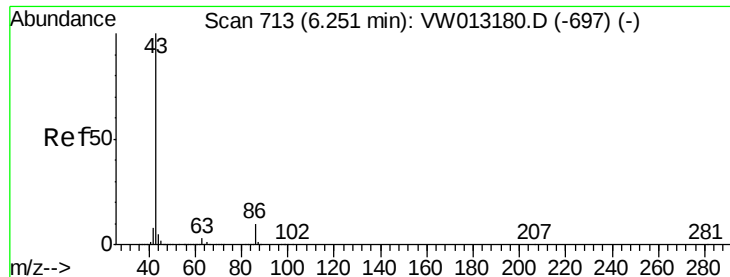
Delta R.T. -0.00 min

Lab File: VW013267.D

Acq: 24 Sep 2019 10:57

Tgt Ion:	45	Resp:	549860
Ion	Ratio	Lower	Upper
45	100		
43	54.0	42.4	63.6
87	26.7	20.4	30.6
59	11.0	8.8	13.2





#23

Vinyl Acetate

Concen: 257.010 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW013267.D

Acq: 24 Sep 2019 10:57

Tot Ion: 43 Resp: 1625298

Ion Ratio Lower Upper

43 100

86 10.6 8.3 12.5

Instrument :

MSVOA_W

ClientSampleId :

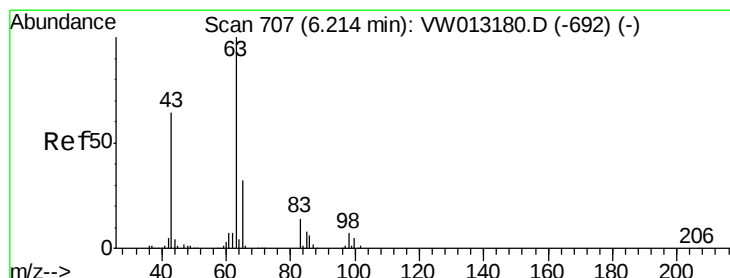
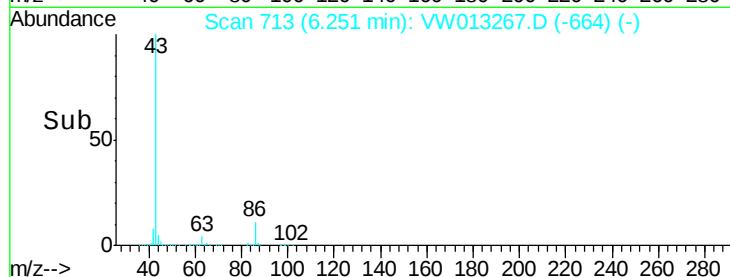
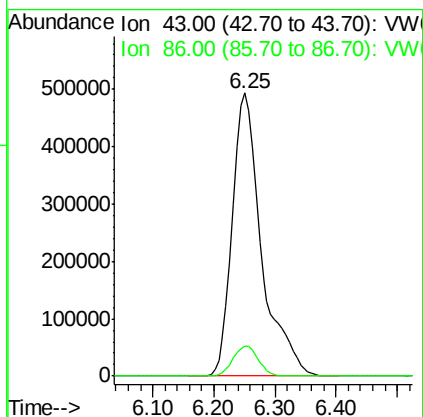
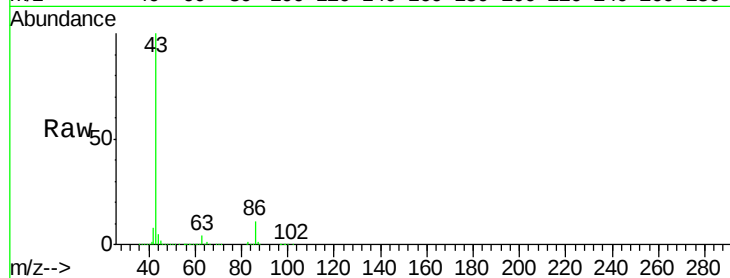
VSTDCCC050

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#24

1,1-Dichloroethane

Concen: 51.362 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW013267.D

Acq: 24 Sep 2019 10:57

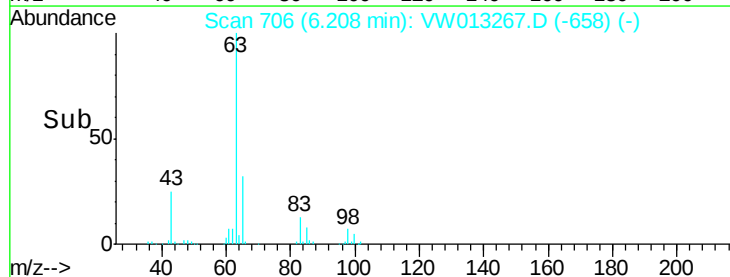
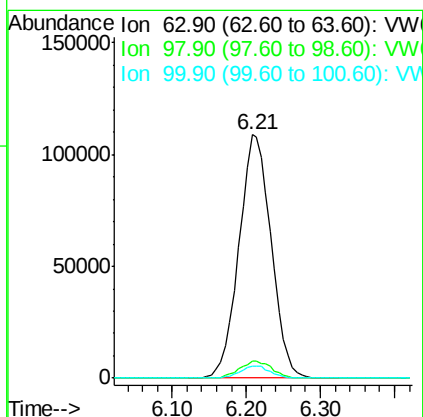
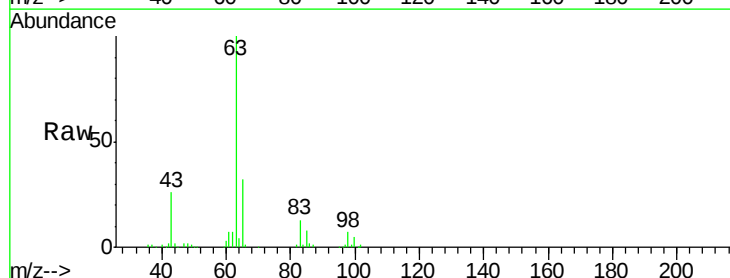
Tgt Ion: 63 Resp: 330379

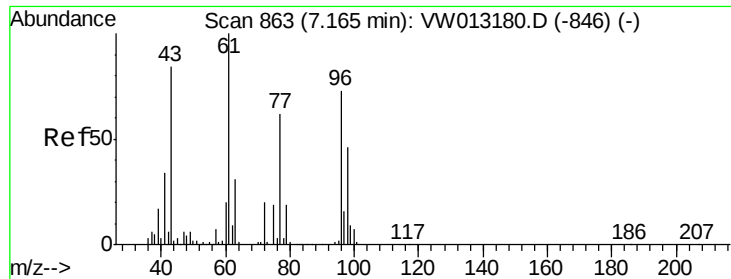
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.5

100 4.8 2.4 7.1





#25

2-Butanone

Concen: 232.459 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW013267.D

Acq: 24 Sep 2019 10:57

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 243426

Ion Ratio Lower Upper

43 100

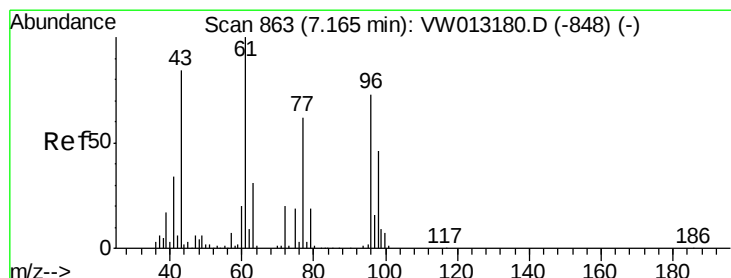
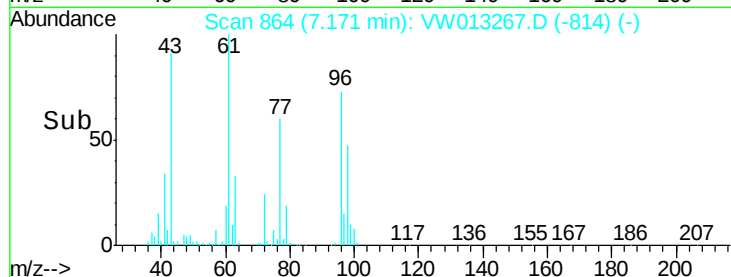
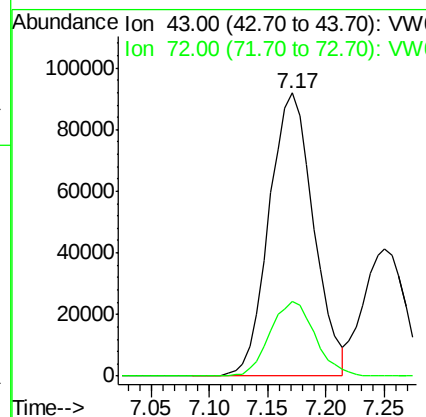
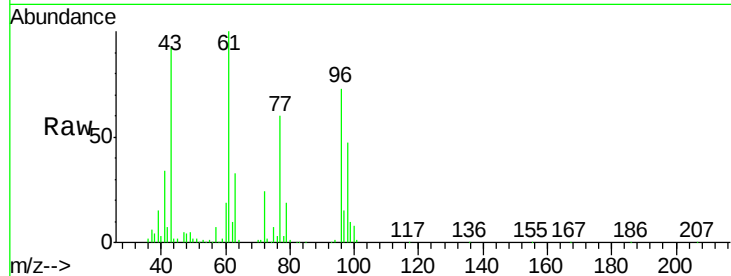
72 26.3 19.4 29.0

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#26

2,2-Dichloropropane

Concen: 51.577 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW013267.D

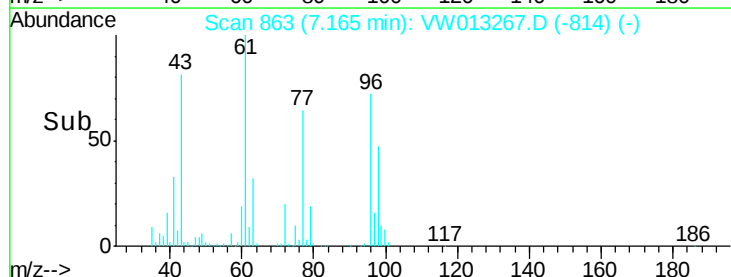
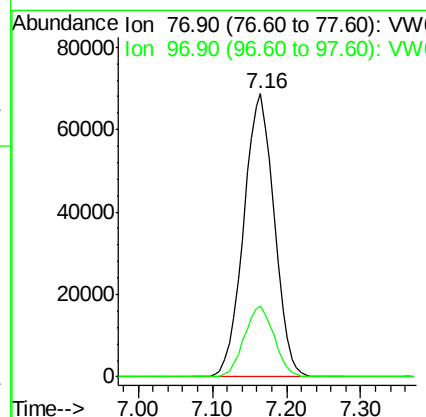
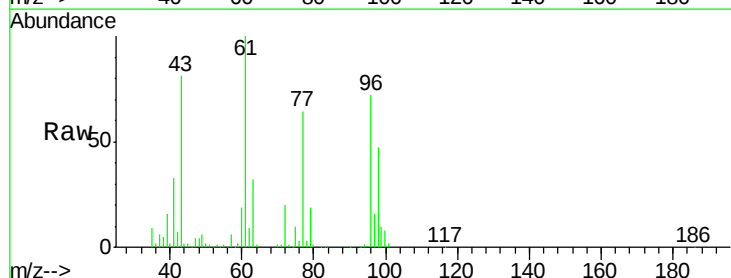
Acq: 24 Sep 2019 10:57

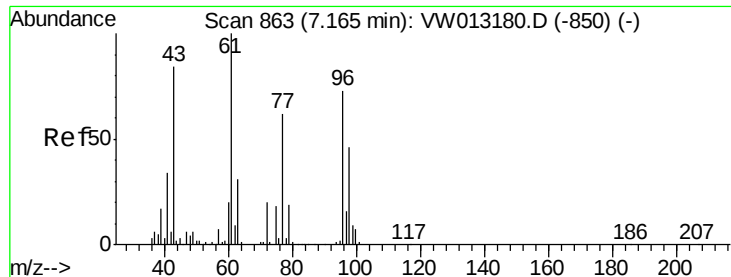
Tgt Ion: 77 Resp: 198097

Ion Ratio Lower Upper

77 100

97 24.5 11.8 35.4





#27

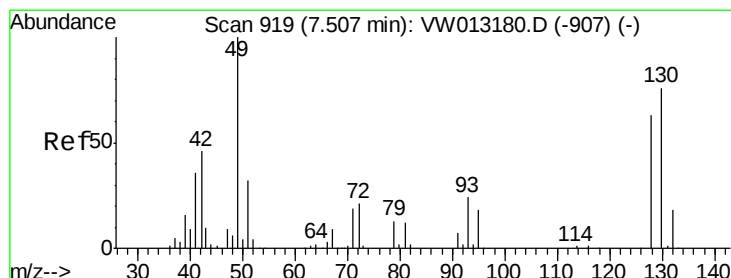
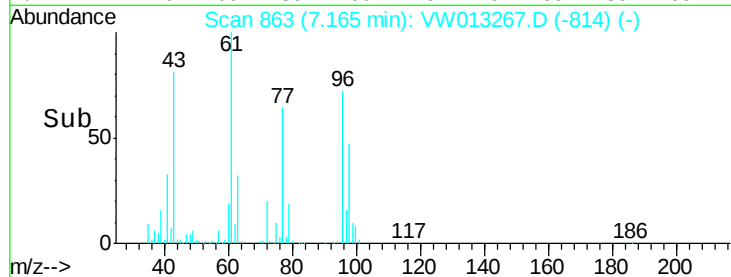
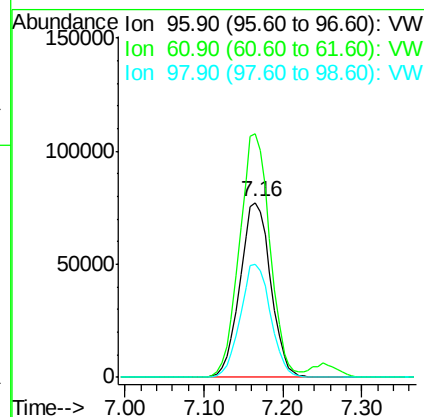
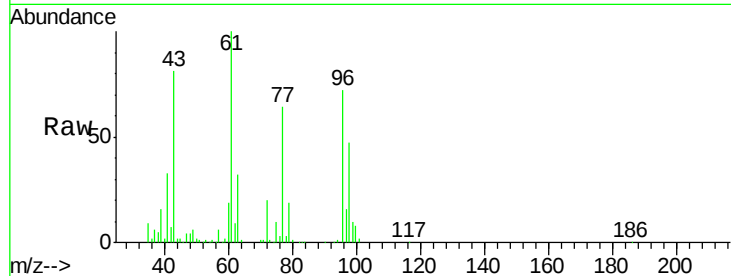
cis-1,2-Dichloroethene
 Concen: 51.945 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW013267.D
 Acq: 24 Sep 2019 10:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	208690		
61	139.0	0.0	282.4	
98	64.3	0.0	128.2	

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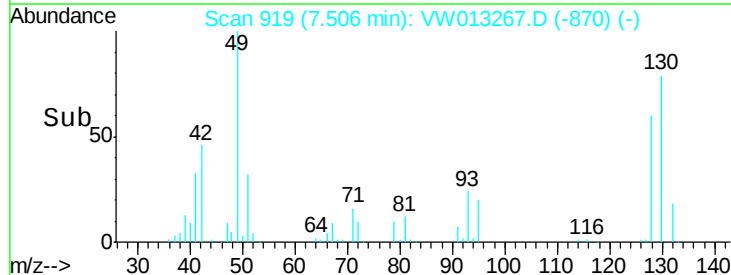
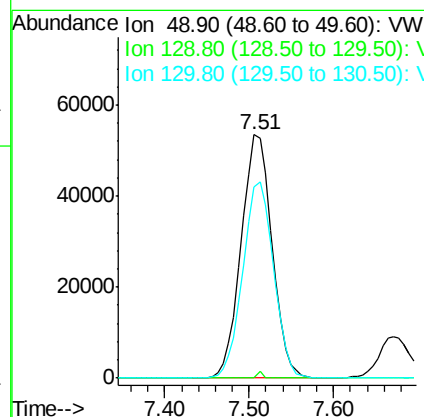
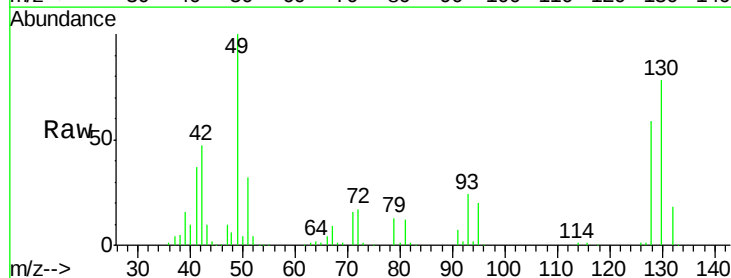
MMDadoda
 9/26/2019 12:37:34 AM

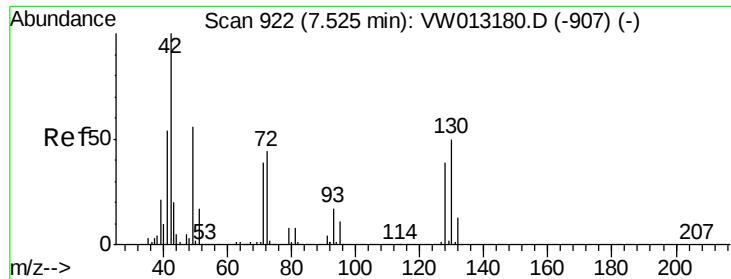


#28

Bromochloromethane
 Concen: 53.651 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VW013267.D
 Acq: 24 Sep 2019 10:57

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	132449		
129	0.4	0.0	1.0	
130	80.4	63.4	95.2	





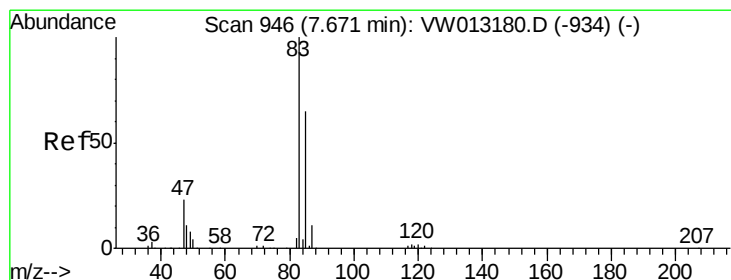
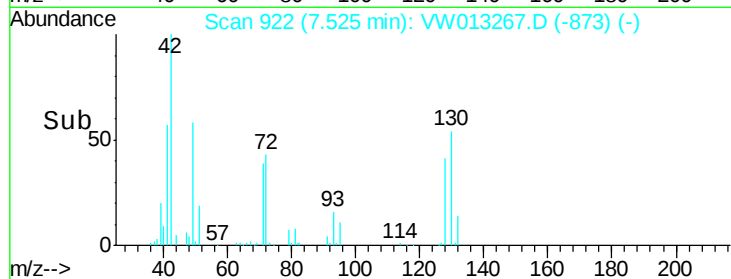
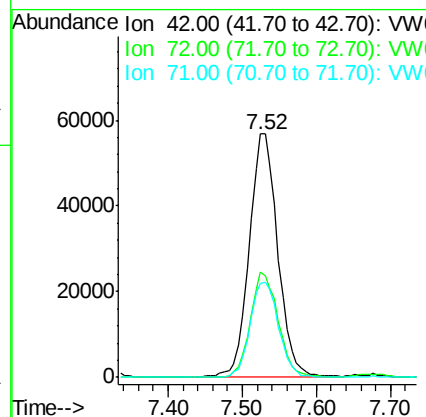
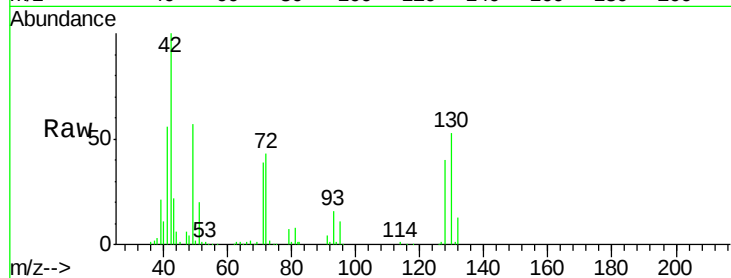
#29
Tetrahydrofuran
Concen: 237.215 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW013267.D
Acq: 24 Sep 2019 10:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:	42	Resp:	152339
Ion	Ratio	Lower	Upper
42	100		
72	42.2	33.9	50.9
71	39.3	31.9	47.9

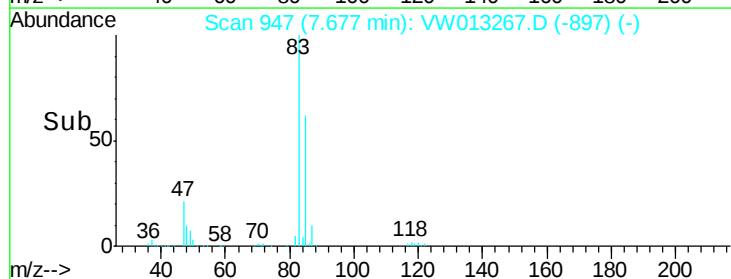
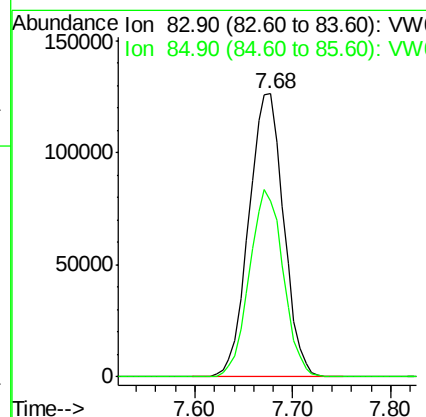
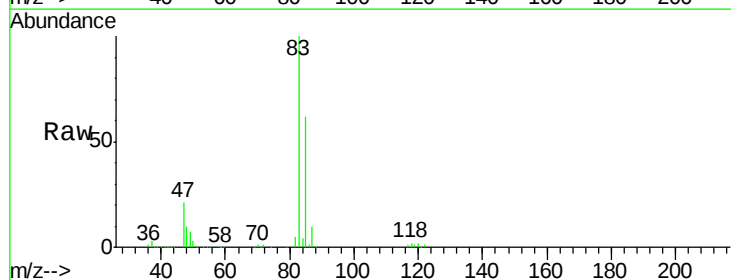
Manual Integrations
APPROVED

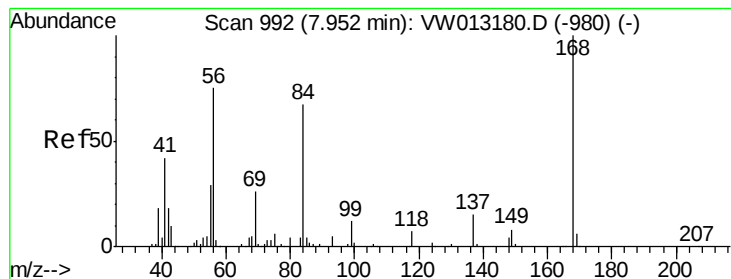
MMDadoda
9/26/2019 12:37:34 AM



#30
Chloroform
Concen: 49.750 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW013267.D
Acq: 24 Sep 2019 10:57

Tgt Ion:	83	Resp:	313301
Ion	Ratio	Lower	Upper
83	100		
85	62.1	52.3	78.5





#31

Cyclohexane

Concen: 48.923 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW013267.D

Acq: 24 Sep 2019 10:57

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 56 Resp: 328033
Ion Ratio Lower Upper

56 100

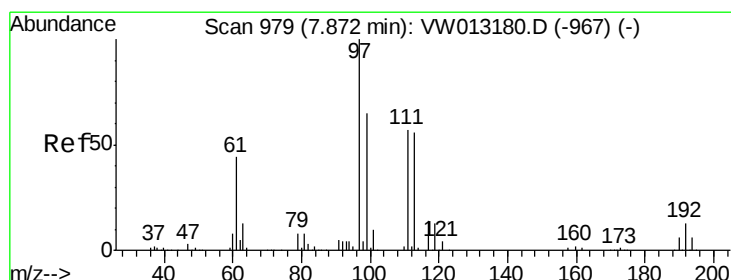
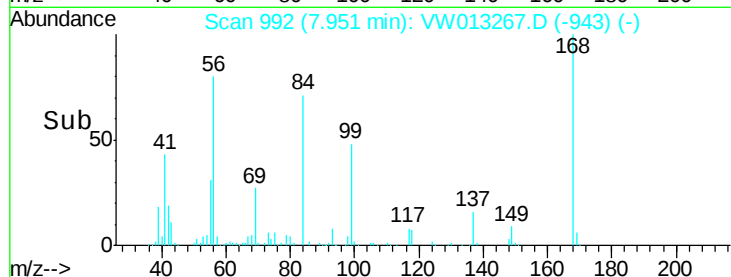
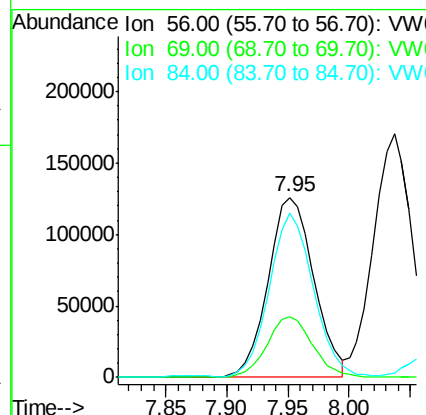
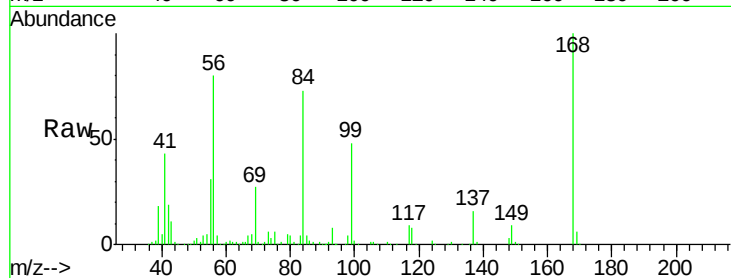
69 34.0 27.2 40.8

84 89.7 70.8 106.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 49.809 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW013267.D

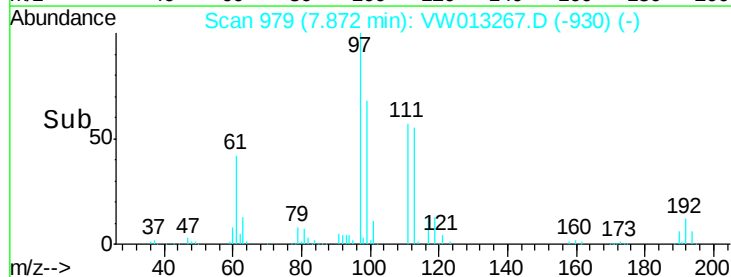
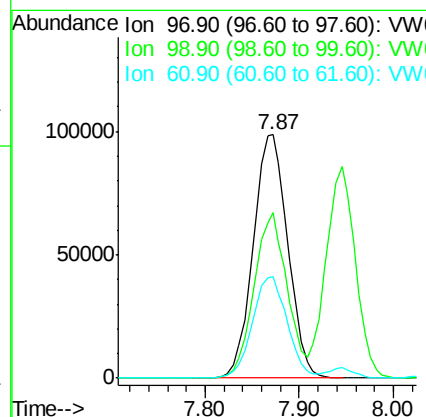
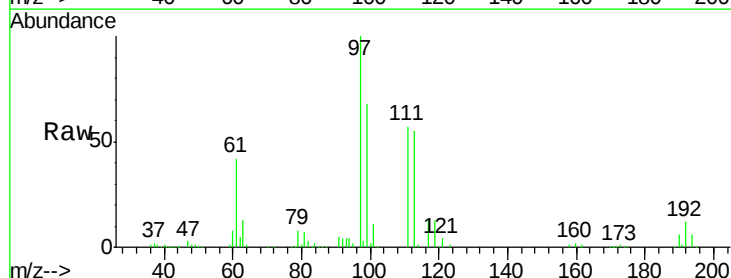
Acq: 24 Sep 2019 10:57

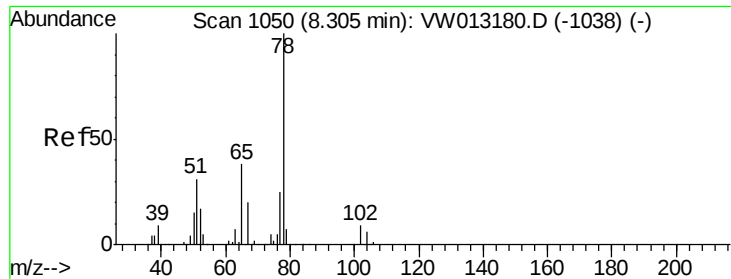
Tgt Ion: 97 Resp: 254049
Ion Ratio Lower Upper

97 100

99 65.6 51.7 77.5

61 42.2 34.6 51.8





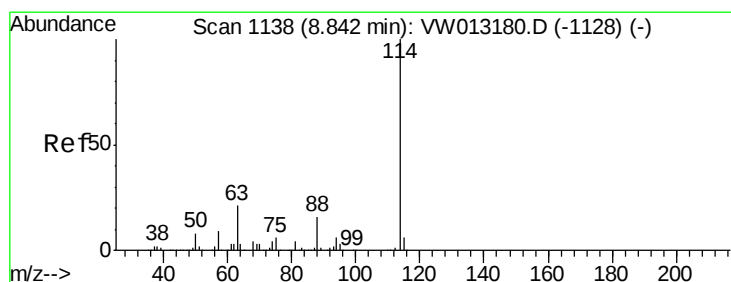
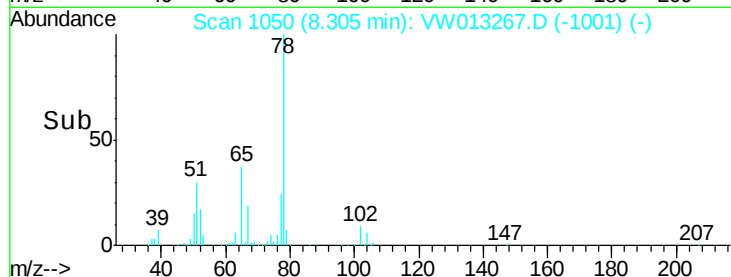
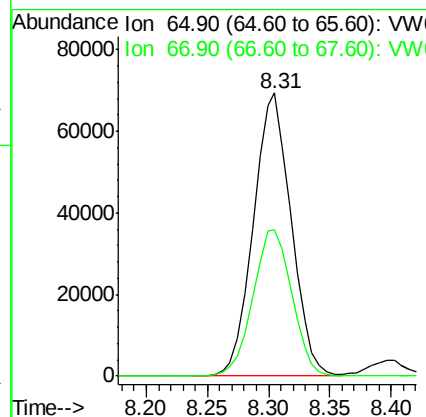
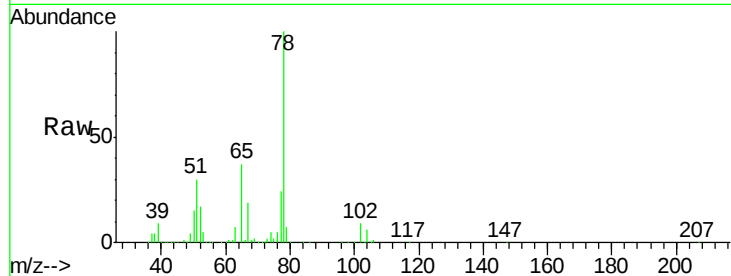
#33
 1,2-Dichloroethane-d4
 Concen: 48.192 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013267.D
 Acq: 24 Sep 2019 10:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	149072		
67	53.4	0.0	106.2	

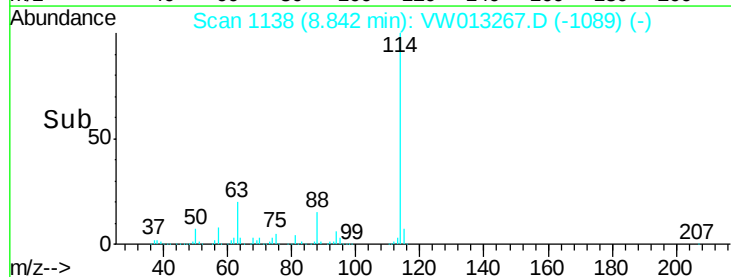
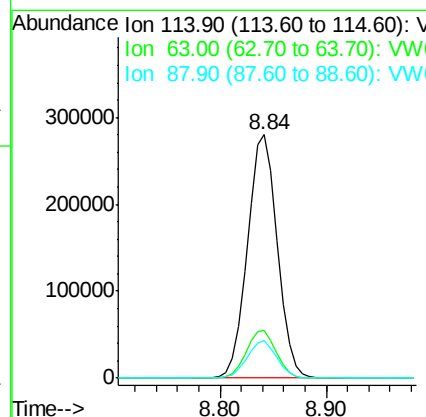
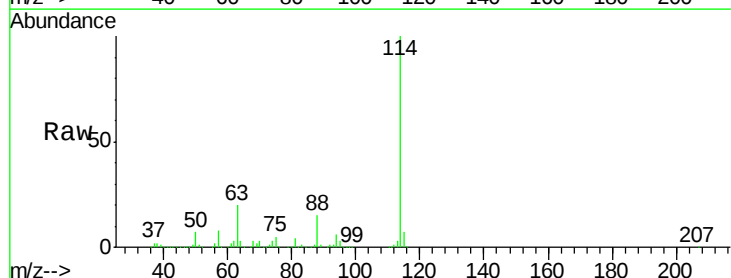
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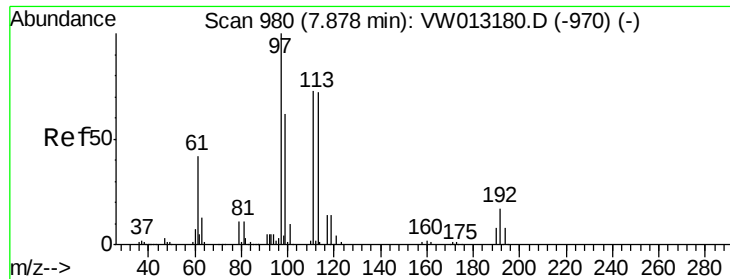
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013267.D
 Acq: 24 Sep 2019 10:57

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	551901		
63	19.6	0.0	41.4	
88	15.2	0.0	32.0	





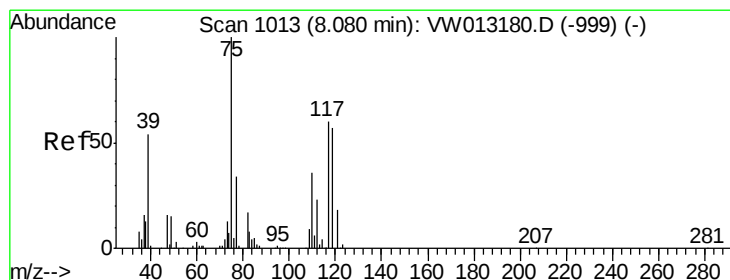
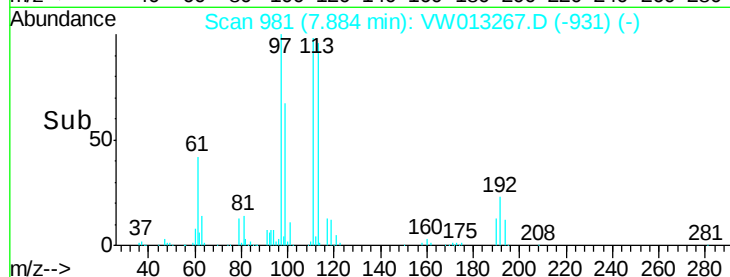
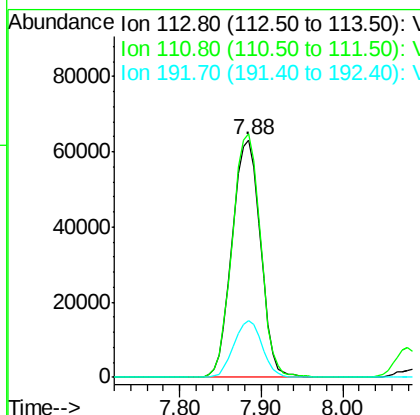
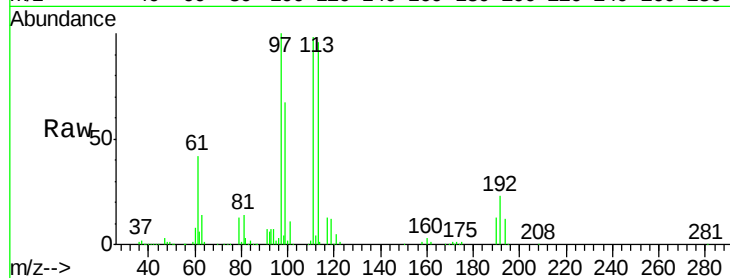
#35
 Dibromofluoromethane
 Concen: 50.153 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW013267.D
 Acq: 24 Sep 2019 10:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	152236		
111	101.7	81.9	122.9	
192	23.7	19.1	28.7	

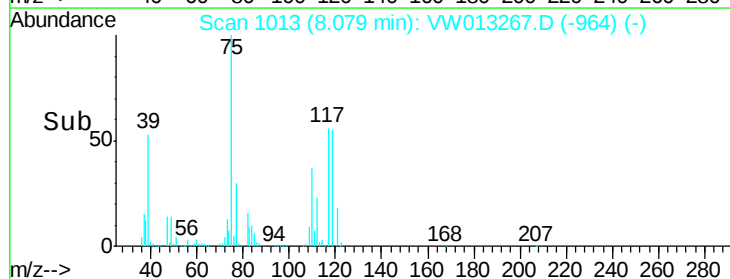
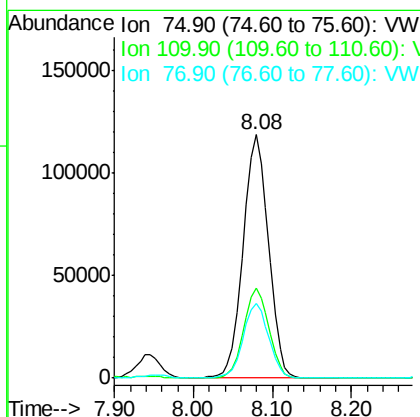
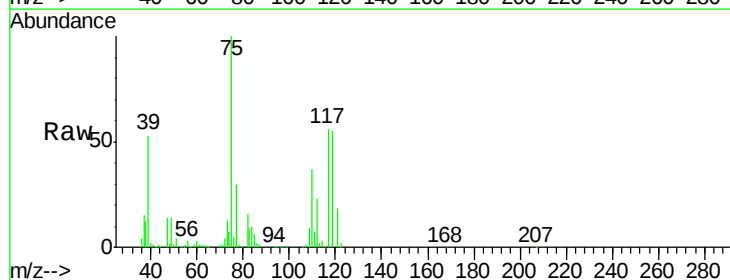
Manual Integrations
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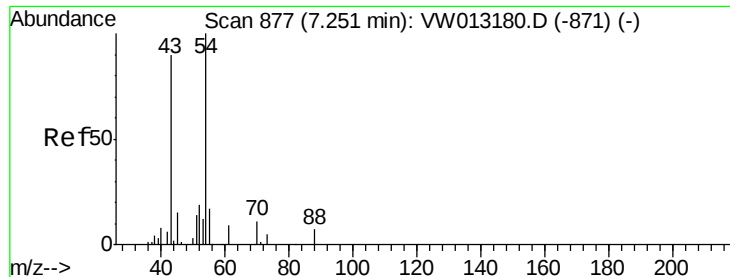
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#36
 1,1-Dichloropropene
 Concen: 49.766 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW013267.D
 Acq: 24 Sep 2019 10:57

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	266028		
110	36.4	18.1	54.3	
77	31.0	25.8	38.6	





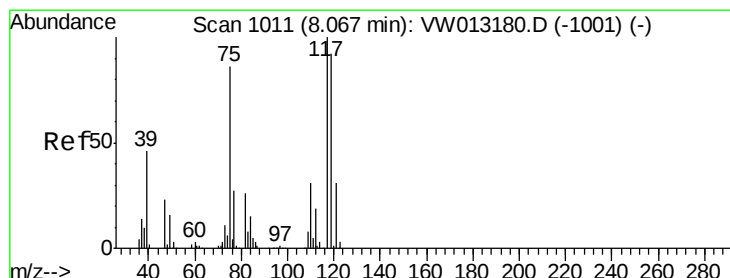
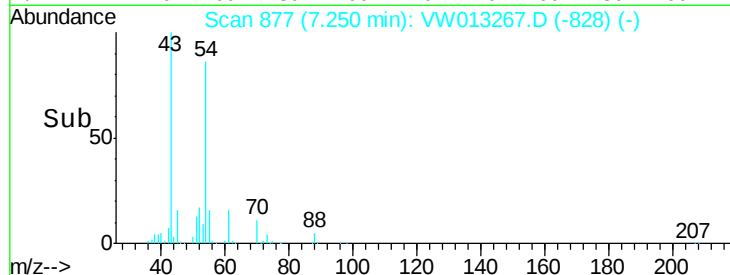
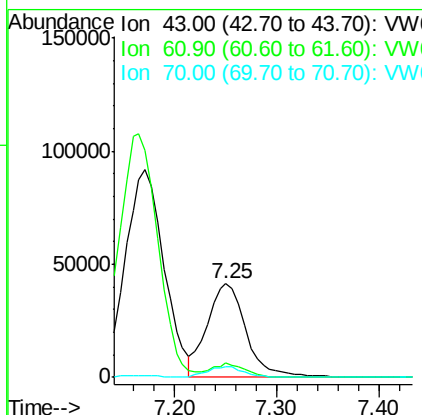
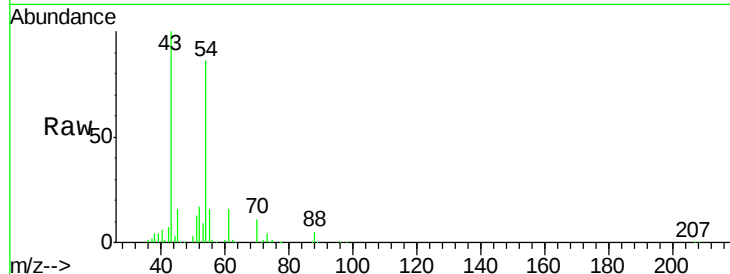
#37
Ethyl Acetate
Concen: 47.860 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW013267.D
Acq: 24 Sep 2019 10:57

Instrument :
MSVOA_W
ClientSampleID :
VSTDCCC050

Tot Ion	43	Resp	108732
Ion Ratio	Lower	Upper	
43	100		
61	12.7	10.9	16.3
70	10.9	8.2	12.2

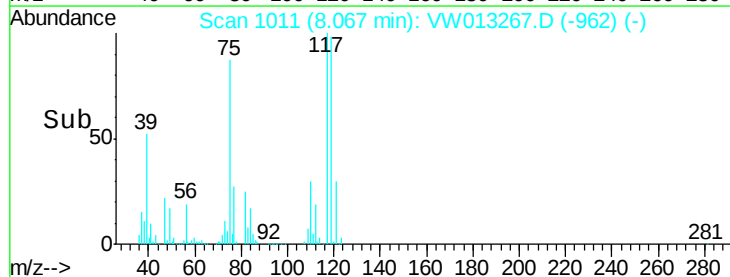
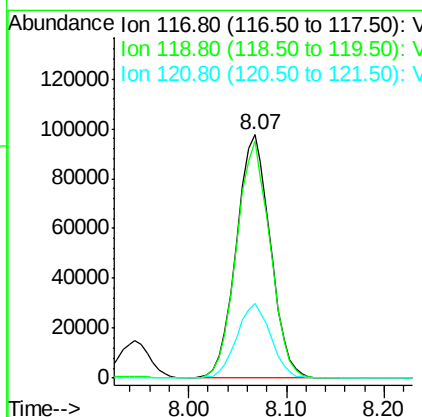
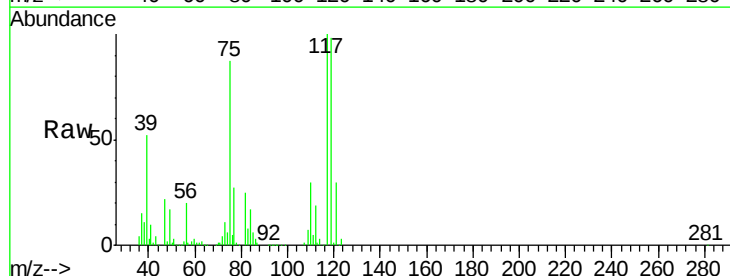
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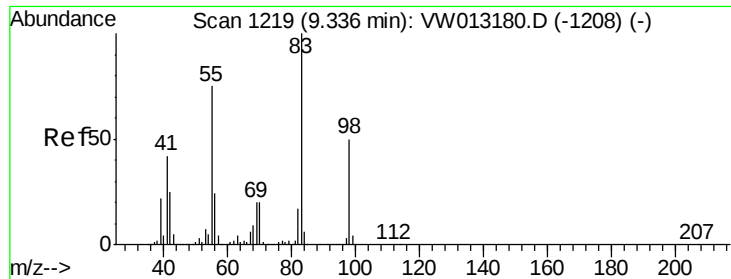
MMDadoda
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#38
Carbon Tetrachloride
Concen: 49.257 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW013267.D
Acq: 24 Sep 2019 10:57

Tgt Ion	117	Resp	236036
Ion Ratio	Lower	Upper	
117	100		
119	97.6	73.5	110.3
121	30.5	25.0	37.6





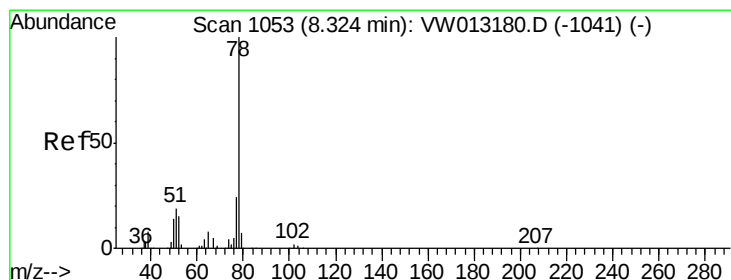
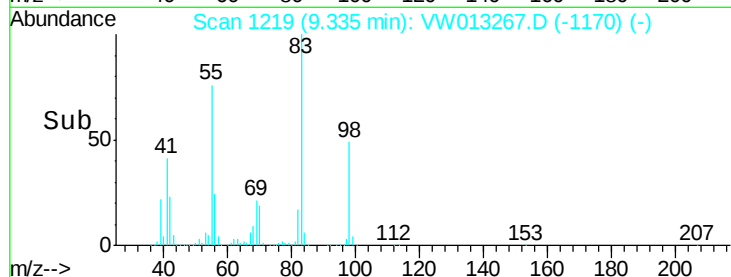
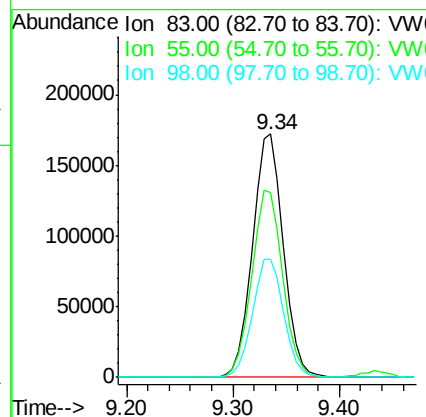
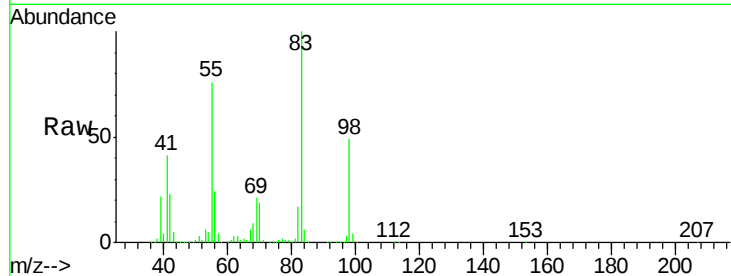
#39
Methvlcvclohexane
Concen: 50.967 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW013267.D
Acq: 24 Sep 2019 10:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	75.6		60.4	90.6
98	48.6		40.0	60.0

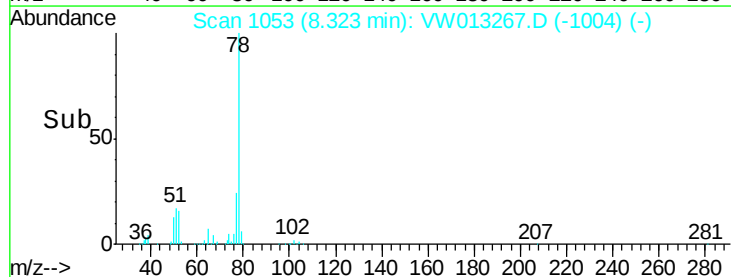
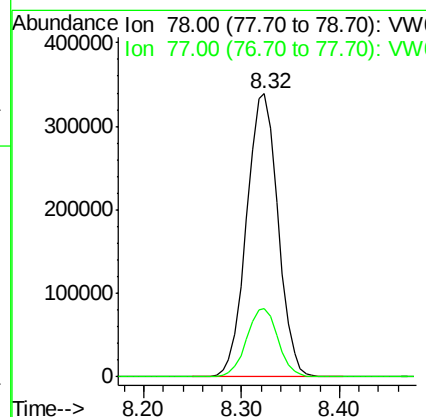
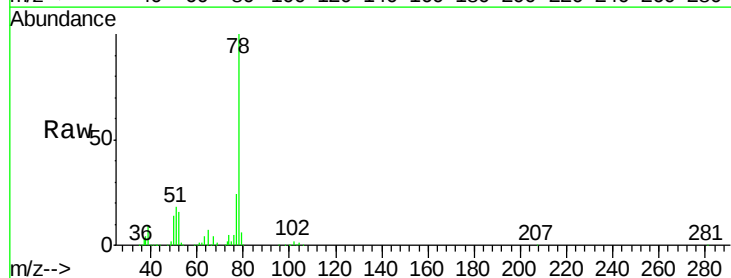
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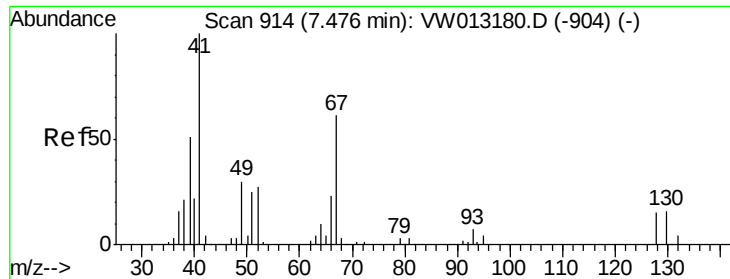
MMDadoda
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#40
Benzene
Concen: 50.549 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW013267.D
Acq: 24 Sep 2019 10:57

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.3		19.1	28.7





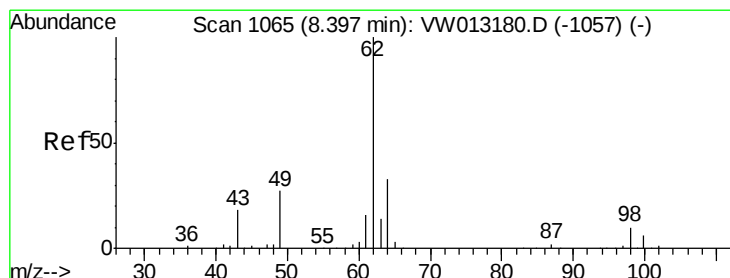
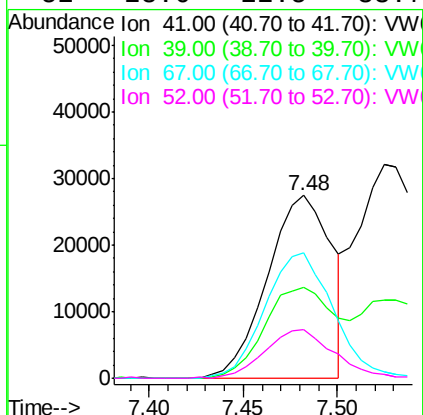
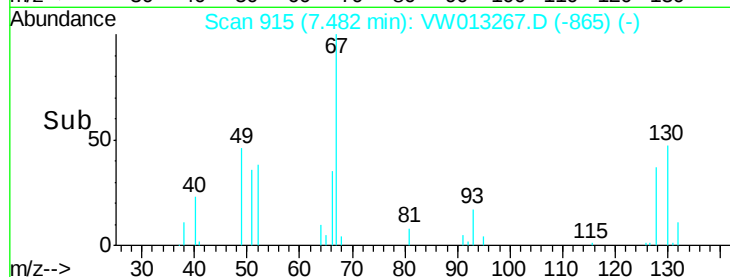
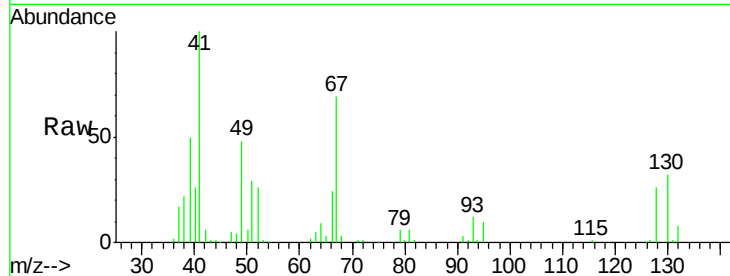
#41
Methacrylonitrile
Concen: 47.975 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.01 min
Lab File: VW013267.D
Acq: 24 Sep 2019 10:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		65051		
39	56.7	45.9	68.9		
67	72.8	54.5	81.7		
52	28.6	22.5	33.7		

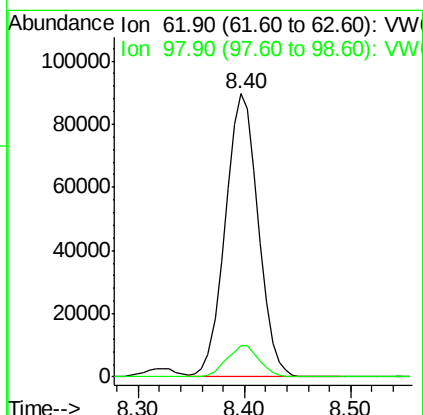
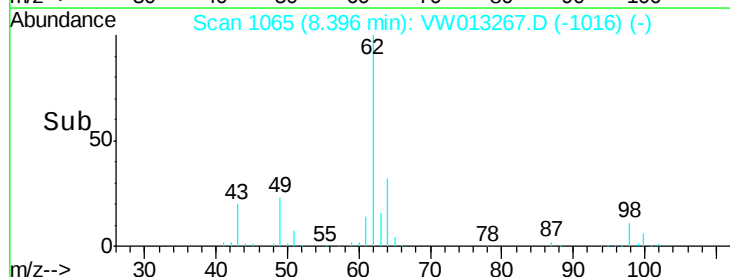
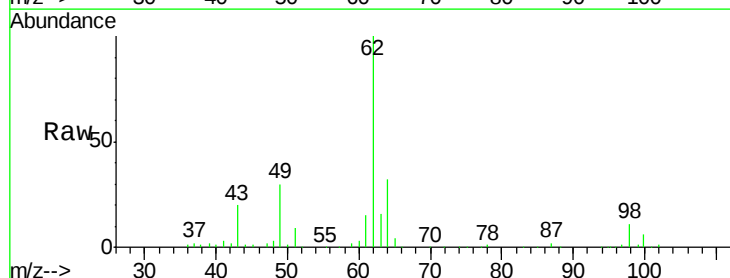
Manual Integrations
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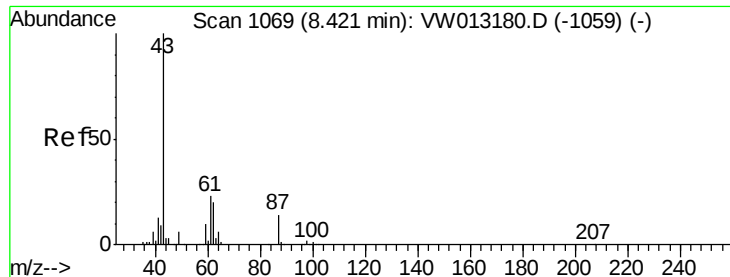
MMDadoda
9/26/2019 12:37:34 AM



#42
1,2-Dichloroethane
Concen: 48.399 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW013267.D
Acq: 24 Sep 2019 10:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		193994		
98	11.0	0.0	20.6		





#43

Isopropyl Acetate

Concen: 48.840 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW013267.D

Acq: 24 Sep 2019 10:57

Instrument :

MSVOA_W

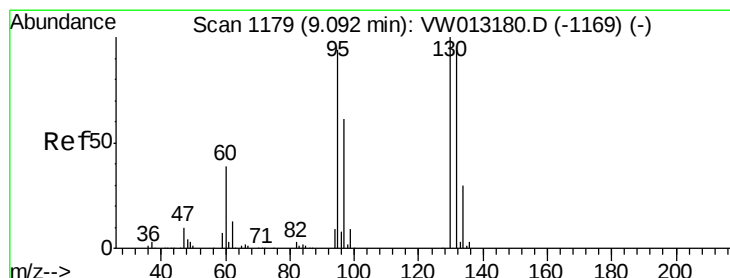
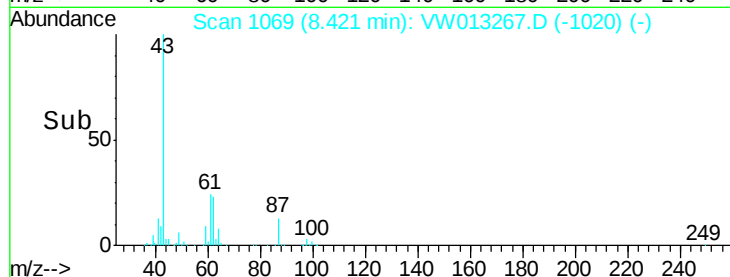
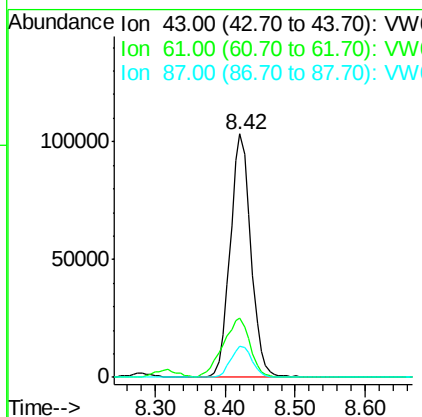
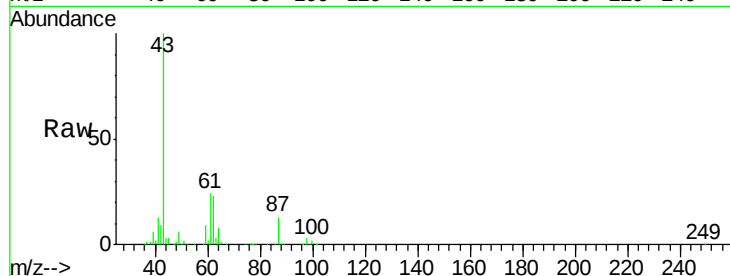
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	212659
Ion	Ratio	Lower	Upper
43	100		
61	31.7	25.5	38.3
87	13.4	11.0	16.4

Manual Integrations
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#44

Trichloroethene

Concen: 50.734 ug/l

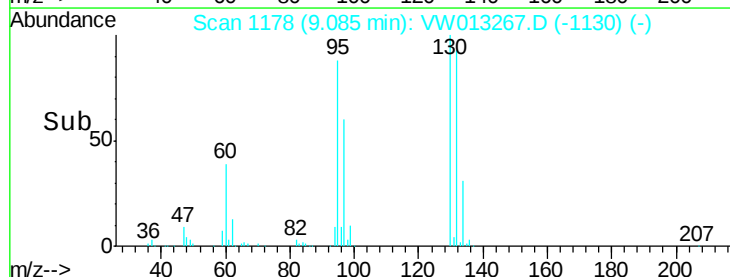
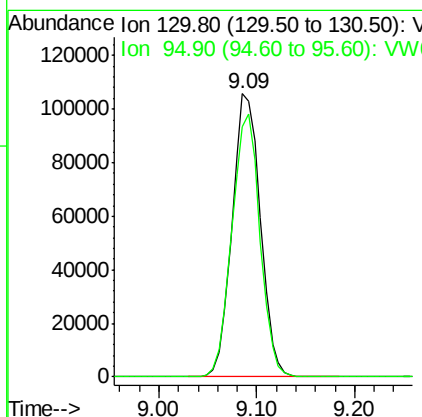
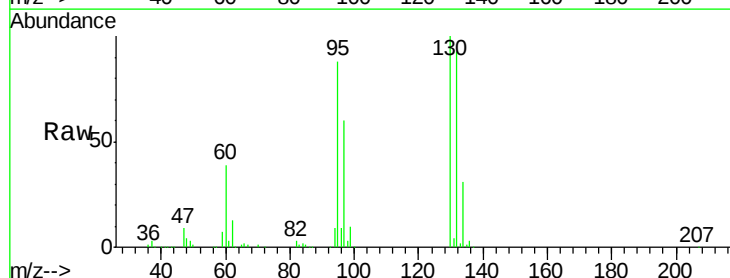
RT: 9.09 min Scan# 1178

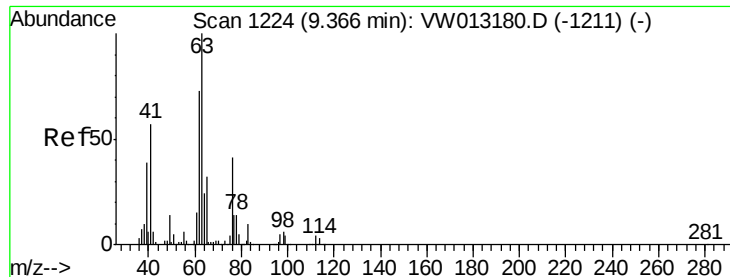
Delta R.T. -0.01 min

Lab File: VW013267.D

Acq: 24 Sep 2019 10:57

Tgt Ion:	130	Resp:	212239
Ion	Ratio	Lower	Upper
130	100		
95	88.5	0.0	188.0





#45

1,2-Dichloropropane

Concen: 51.719 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW013267.D

Acq: 24 Sep 2019 10:57

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 63 Resp: 188270

Ion Ratio Lower Upper

63 100

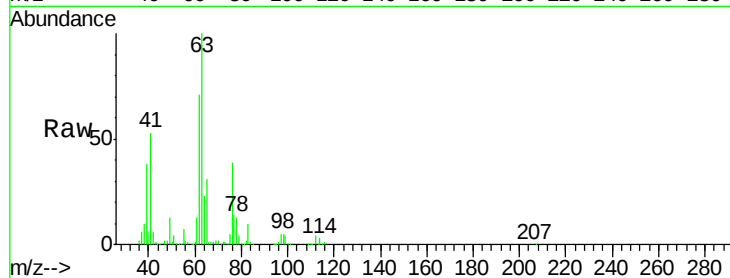
65 30.6 25.3 37.9

Manual Integrations

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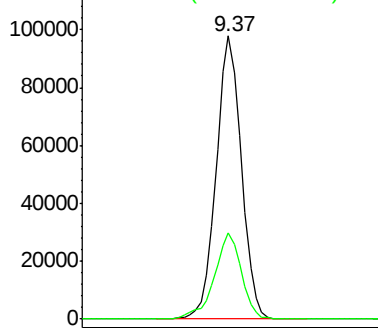
MMDadoda

9/26/2019 12:37:34 AM

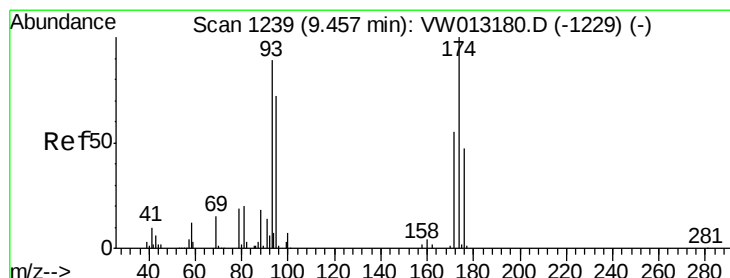
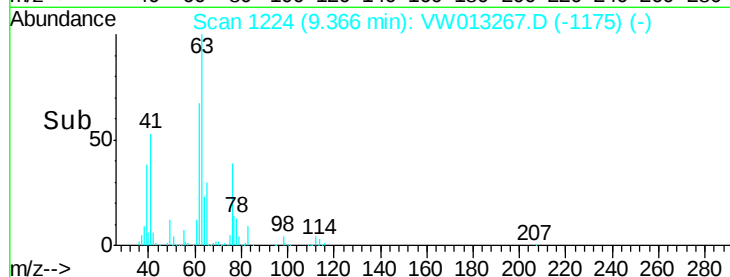


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



Time-->



#46

Dibromomethane

Concen: 49.348 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW013267.D

Acq: 24 Sep 2019 10:57

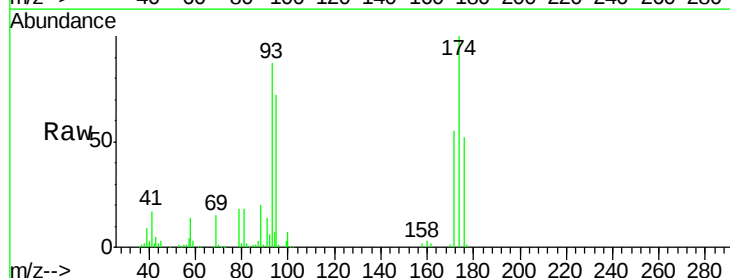
Tgt Ion: 93 Resp: 87213

Ion Ratio Lower Upper

93 100

95 84.5 66.4 99.6

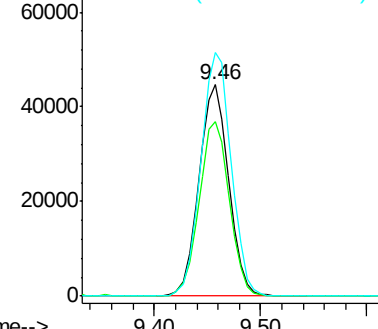
174 118.0 93.0 139.6



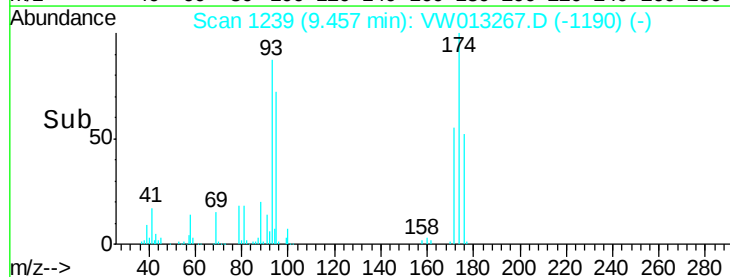
Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V



Time-->





#47

Bromodichloromethane

Concen: 50.422 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW013267.D

Acq: 24 Sep 2019 10:57

Instrument :

MSVOA_W

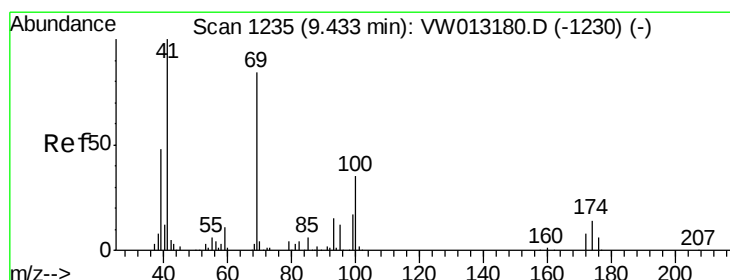
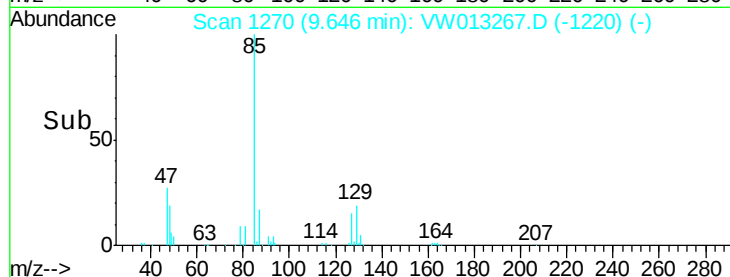
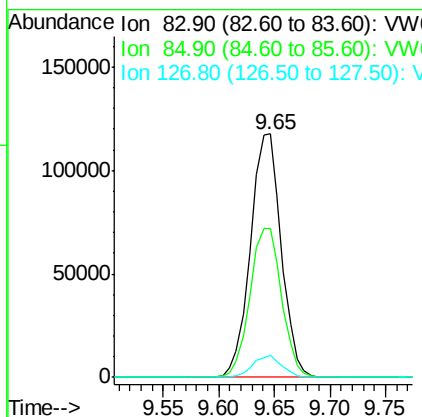
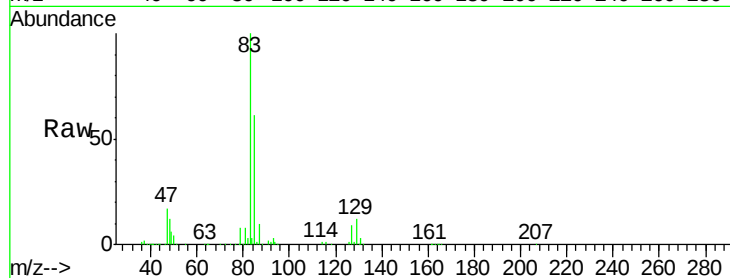
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	226751
Ion Ratio	Lower	Upper	
83	100		
85	61.3	49.4	74.2
127	9.0	6.5	9.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 48.784 ug/l

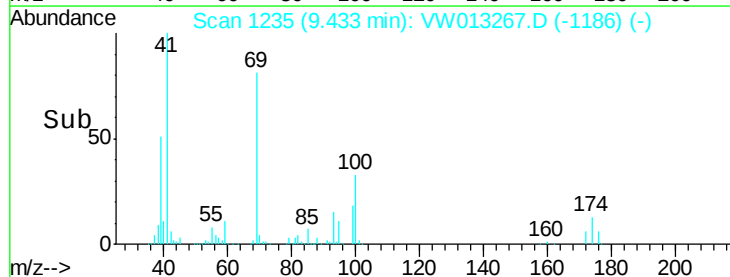
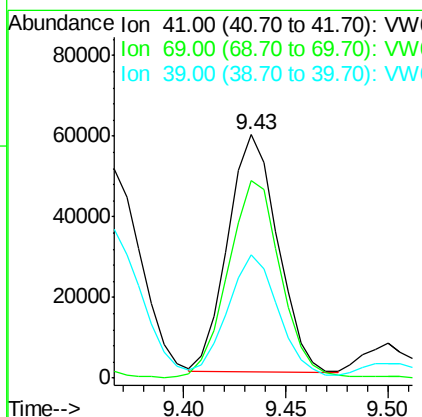
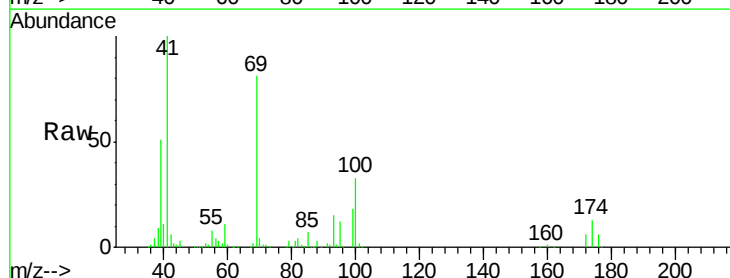
RT: 9.43 min Scan# 1235

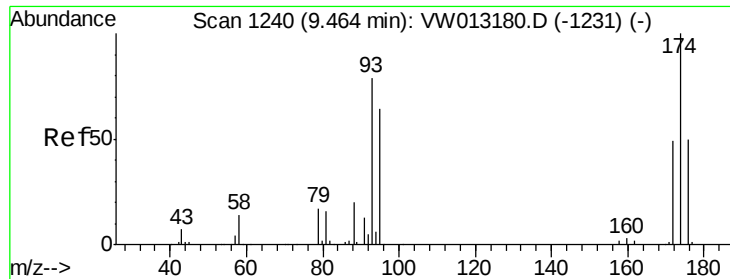
Delta R.T. -0.00 min

Lab File: VW013267.D

Acq: 24 Sep 2019 10:57

Tgt Ion:	41	Resp:	99884
Ion Ratio	Lower	Upper	
41	100		
69	88.0	69.7	104.5
39	50.7	41.1	61.7





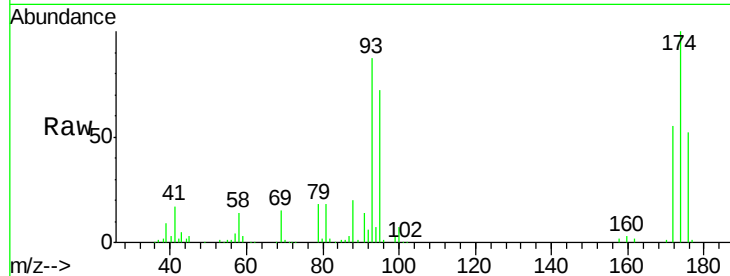
#49
 1,4-Dioxane
 Concen: 897.366 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW013267.D
 Acq: 24 Sep 2019 10:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	74.1	65.4	98.0

Manual Integrations
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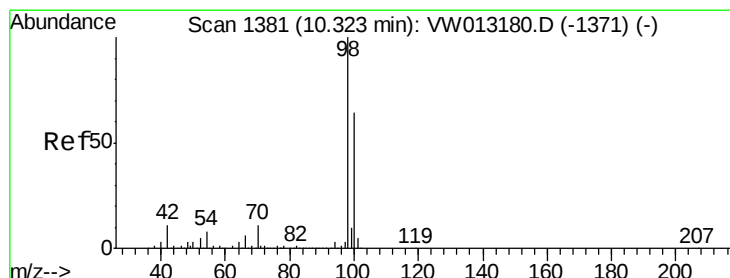
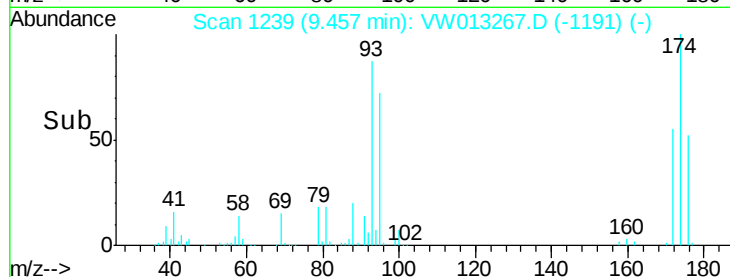
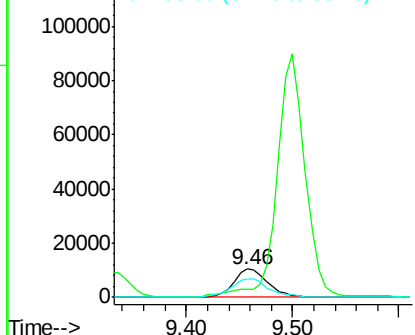


Abundance

Ion 88.00 (87.70 to 88.70): VW

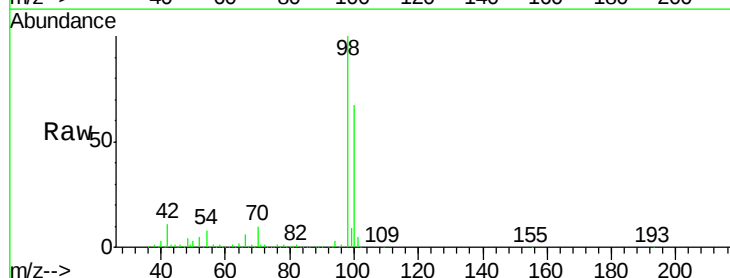
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
 Toluene-d8
 Concen: 49.990 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW013267.D
 Acq: 24 Sep 2019 10:57

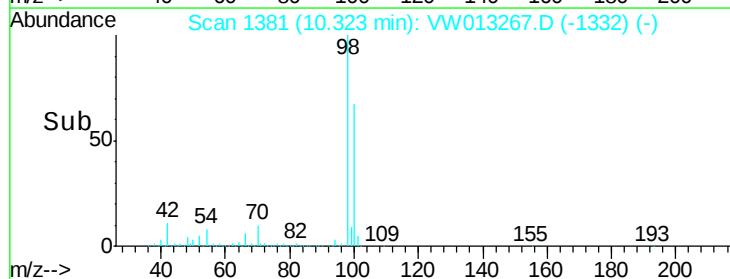
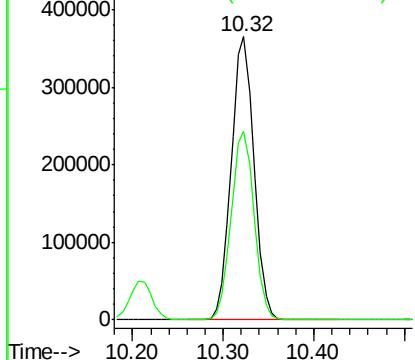
Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.1	52.9	79.3

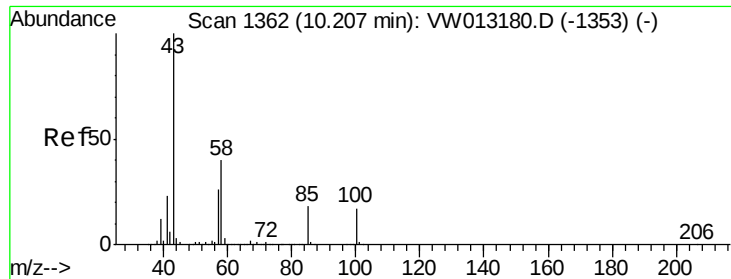


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





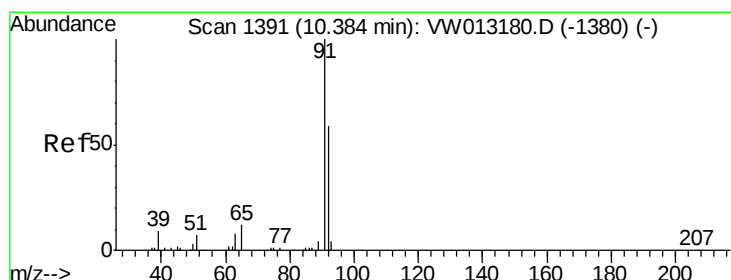
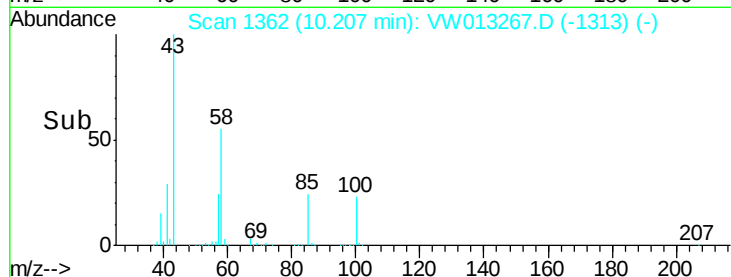
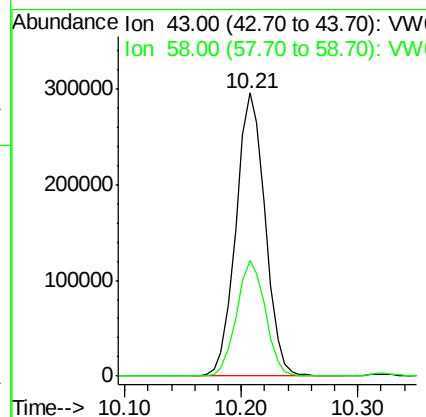
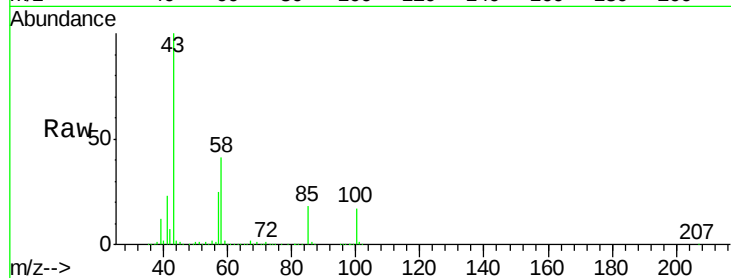
#51
4-Methyl-2-Pentanone
Concen: 235.744 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW013267.D
Acq: 24 Sep 2019 10:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 514599
Ion Ratio Lower Upper
43 100
58 40.5 31.7 47.5

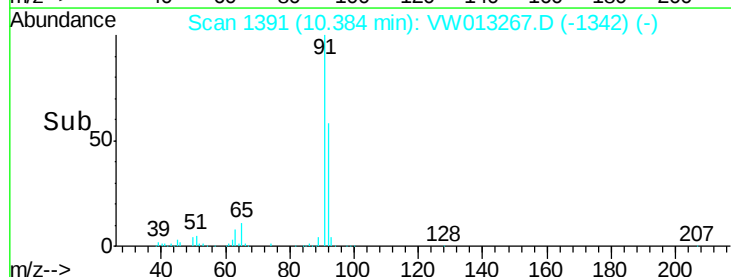
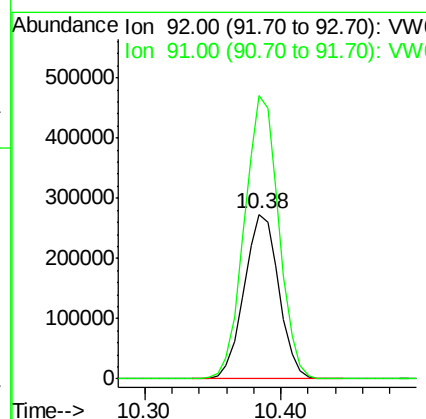
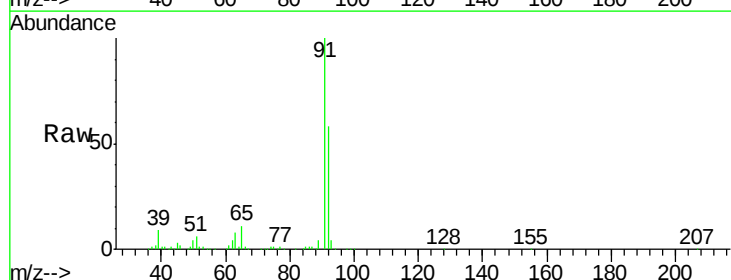
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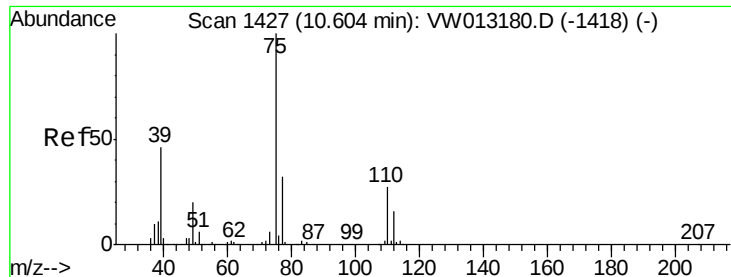
MMDadoda
9/26/2019 12:37:34 AM



#52
Toluene
Concen: 50.835 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW013267.D
Acq: 24 Sep 2019 10:57

Tgt Ion: 92 Resp: 485778
Ion Ratio Lower Upper
92 100
91 170.6 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 51.388 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW013267.D

Acq: 24 Sep 2019 10:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 237427

Ion Ratio Lower Upper

75 100

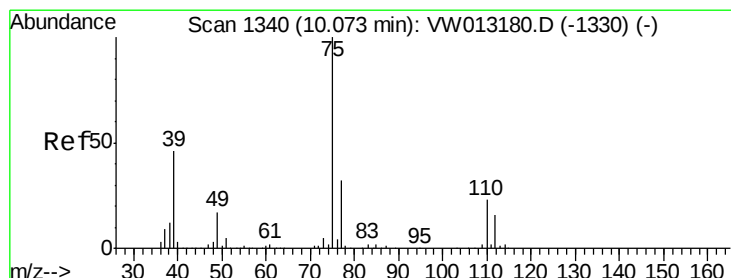
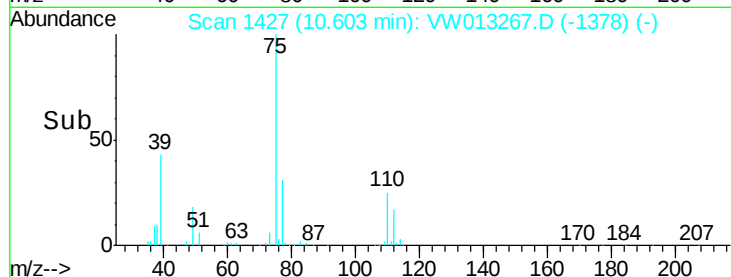
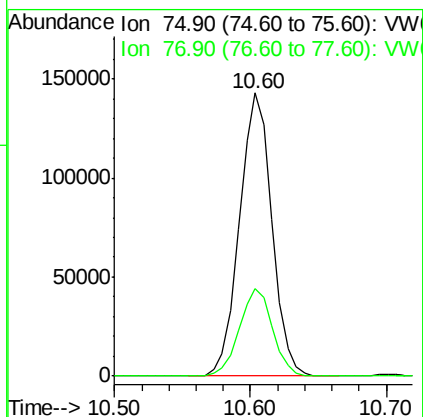
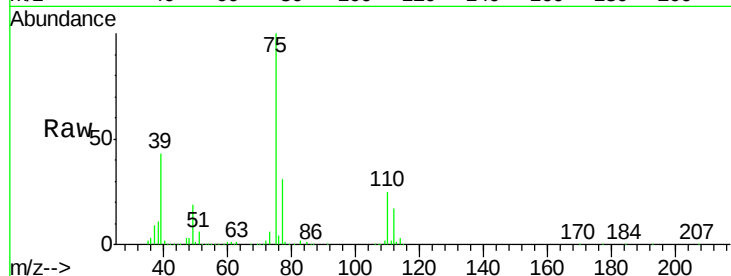
77 30.8 25.5 38.3

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#54

cis-1,3-Dichloropropene

Concen: 52.536 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW013267.D

Acq: 24 Sep 2019 10:57

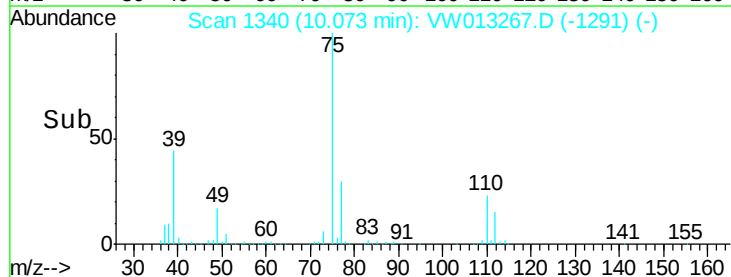
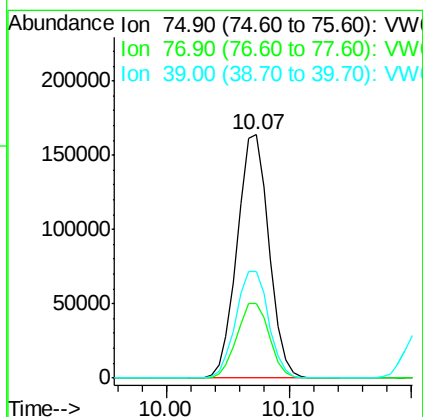
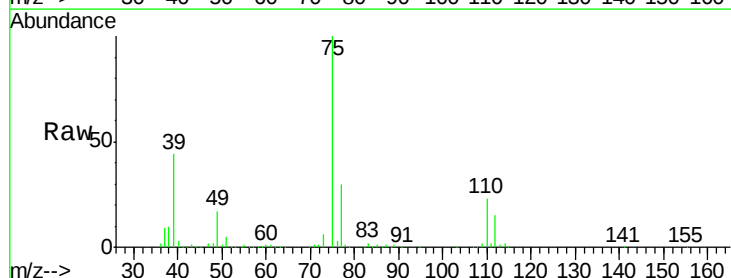
Tgt Ion: 75 Resp: 295128

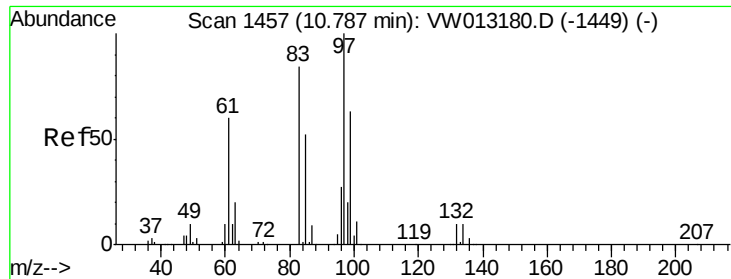
Ion Ratio Lower Upper

75 100

77 30.5 25.2 37.8

39 43.6 36.6 55.0





#55

1,1,2-Trichloroethane

Concen: 49.761 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW013267.D

Acq: 24 Sep 2019 10:57

Instrument :

MSVOA_W

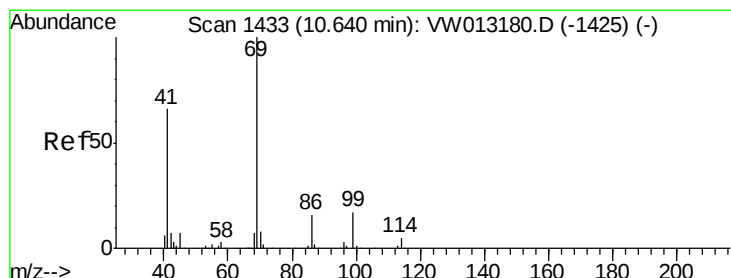
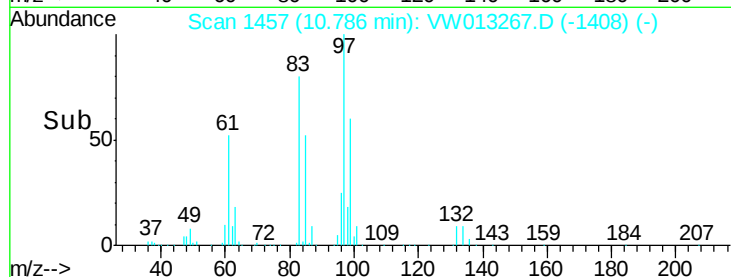
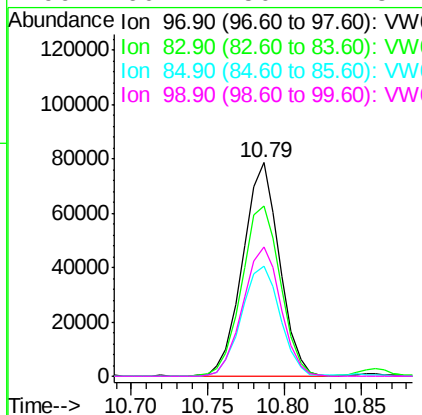
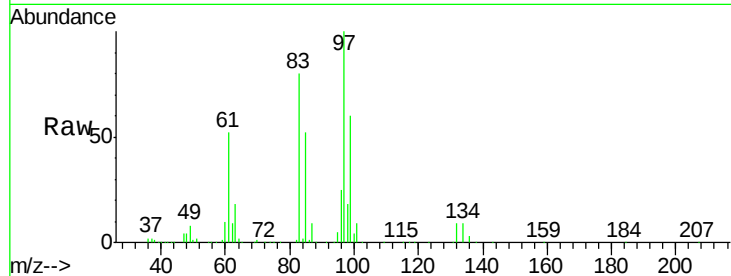
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	131447
Ion	Ratio	Lower	Upper
97	100		
83	79.8	67.6	101.4
85	51.6	41.9	62.9
99	60.4	50.1	75.1

Manual Integrations
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#56

Ethyl methacrylate

Concen: 51.362 ug/l

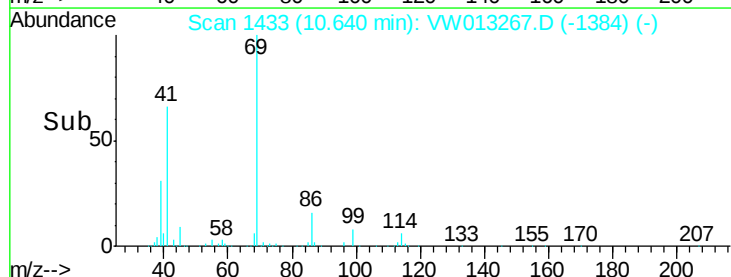
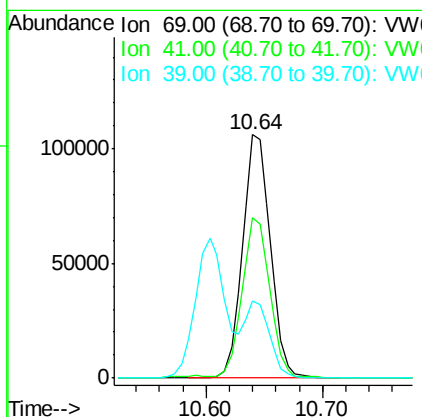
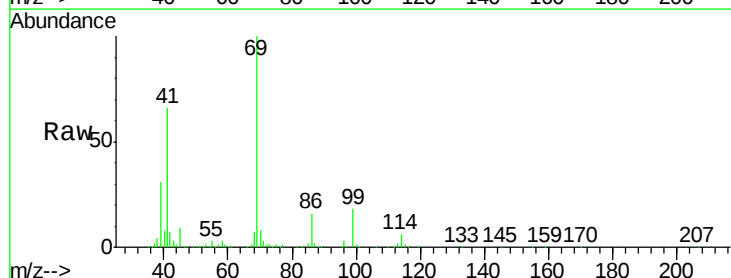
RT: 10.64 min Scan# 1433

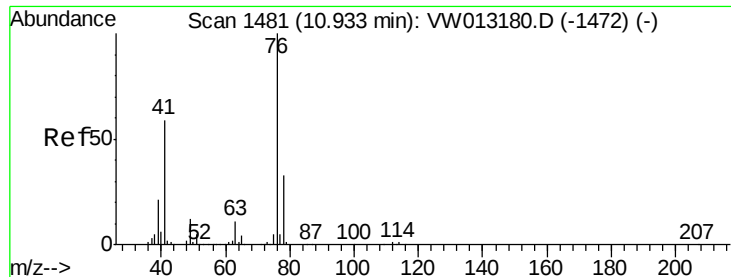
Delta R.T. -0.00 min

Lab File: VW013267.D

Acq: 24 Sep 2019 10:57

Tgt Ion:	69	Resp:	177566
Ion	Ratio	Lower	Upper
69	100		
41	64.7	53.9	80.9
39	27.7	23.8	35.6





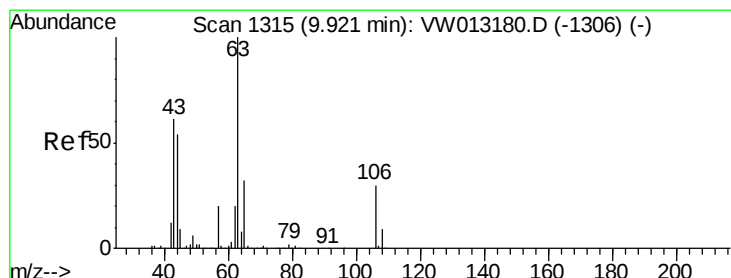
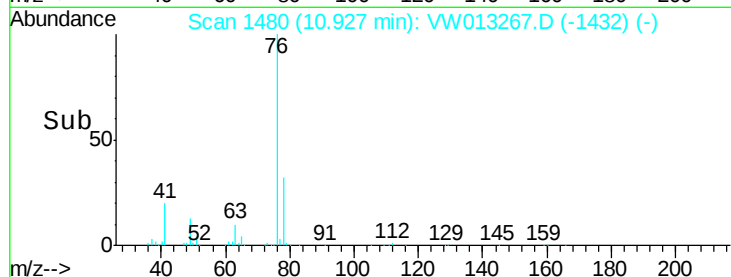
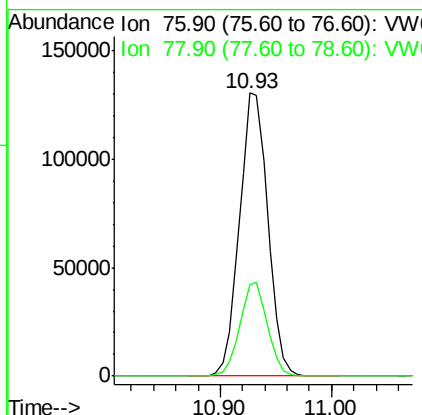
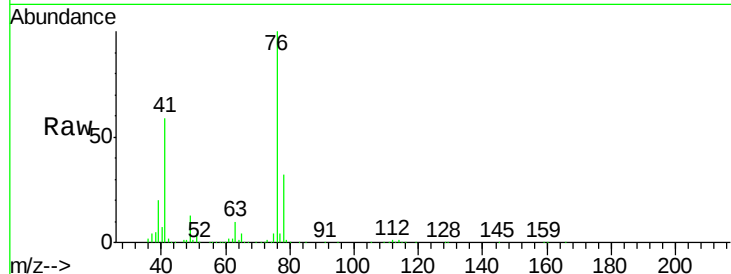
#57
 1,3-Dichloropropane
 Concen: 49.982 ug/l
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: VW013267.D
 Acq: 24 Sep 2019 10:57

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.5	38.3

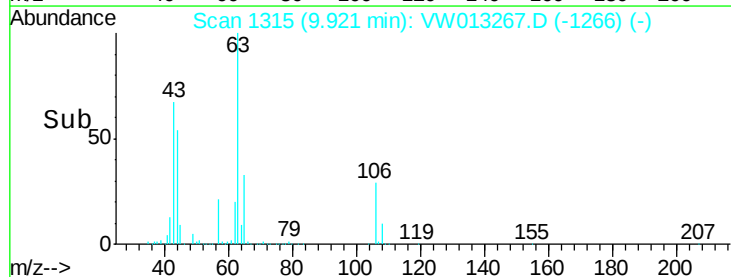
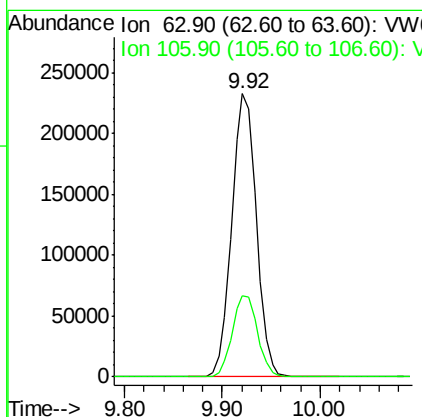
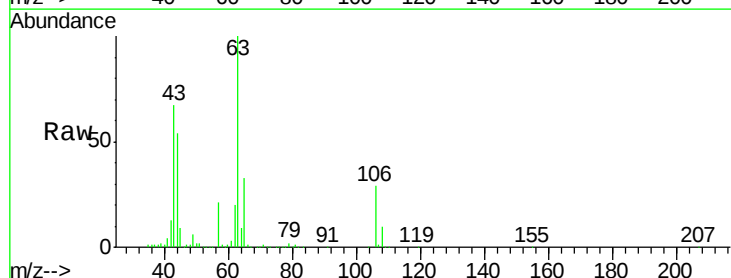
Manual Integrations
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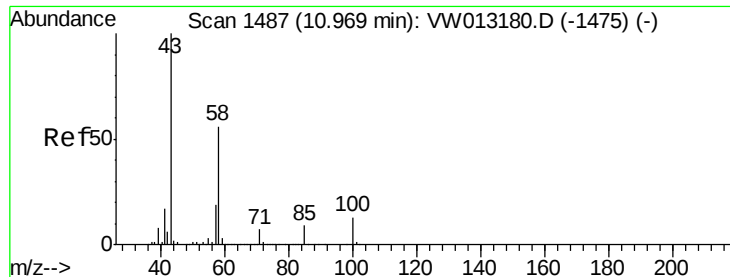
MMDadoda
 9/26/2019 12:37:34 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 253.476 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW013267.D
 Acq: 24 Sep 2019 10:57

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.5	23.4	35.0





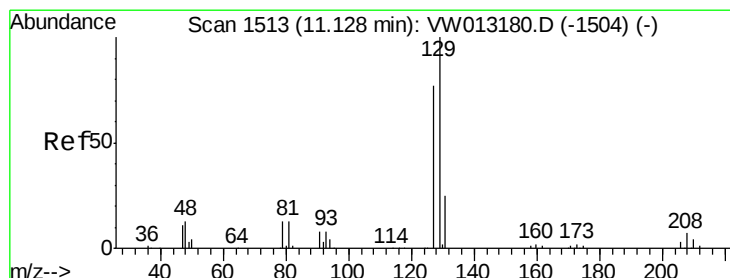
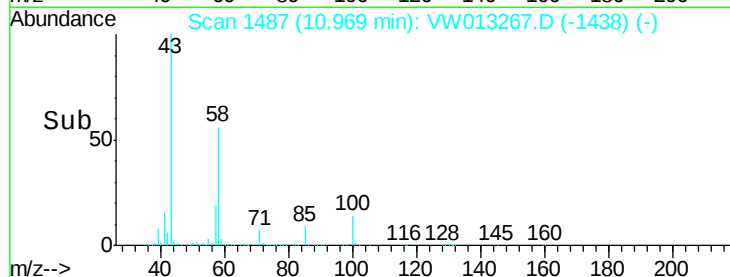
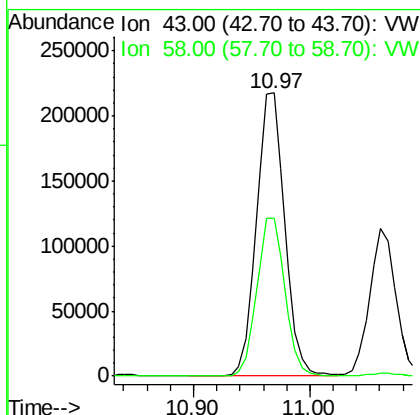
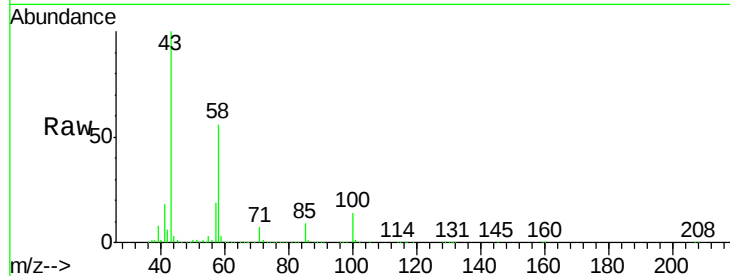
#59
2-Hexanone
Concen: 245.812 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW013267.D
Acq: 24 Sep 2019 10:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 369163
Ion Ratio Lower Upper
43 100
58 55.6 28.1 84.2

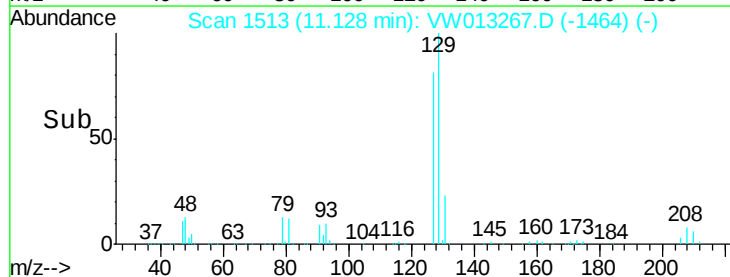
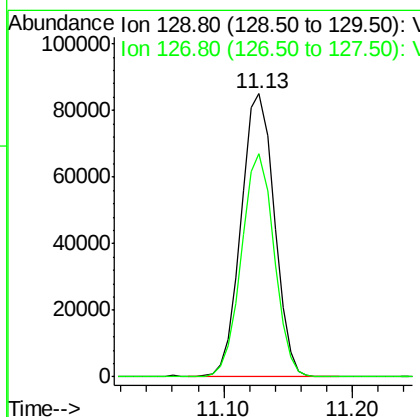
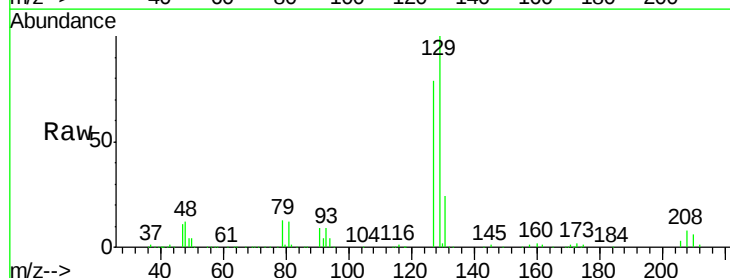
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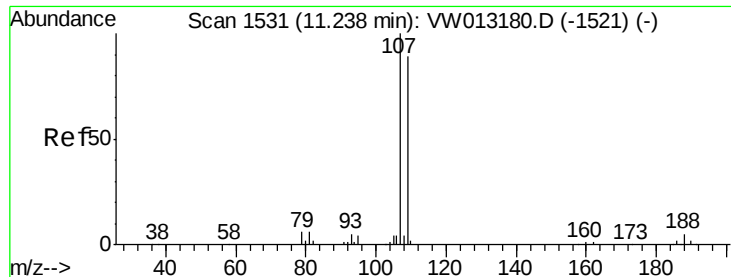
MMDadoda
9/26/2019 12:37:34 AM



#60
Dibromochloromethane
Concen: 50.510 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW013267.D
Acq: 24 Sep 2019 10:57

Tgt Ion: 129 Resp: 151504
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.4





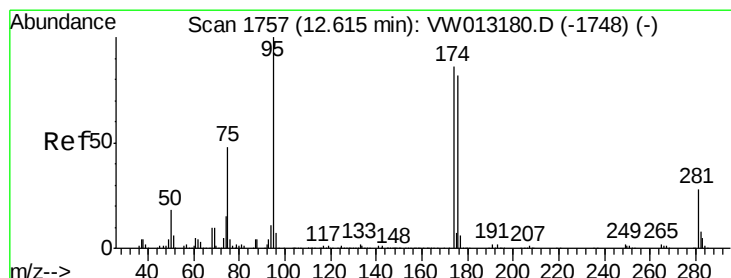
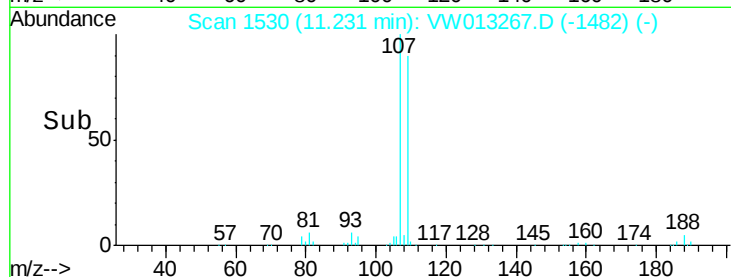
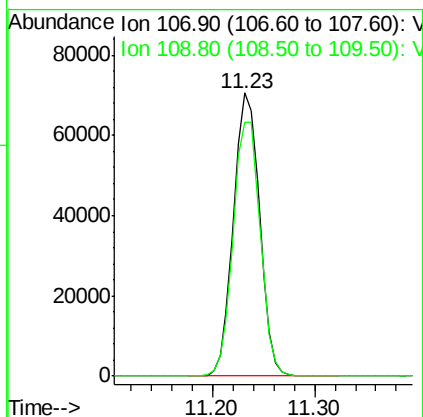
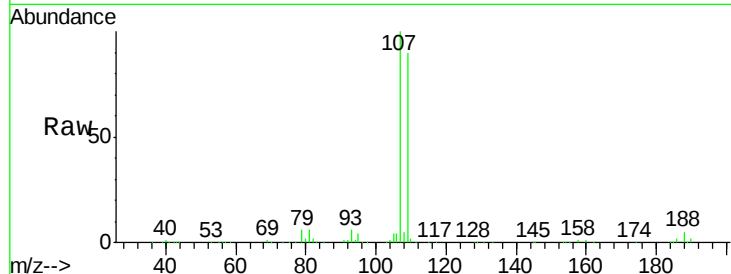
#61
1,2-Dibromoethane
Concen: 49.623 ug/l
RT: 11.23 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VW013267.D
Acq: 24 Sep 2019 10:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.9	75.2	112.8

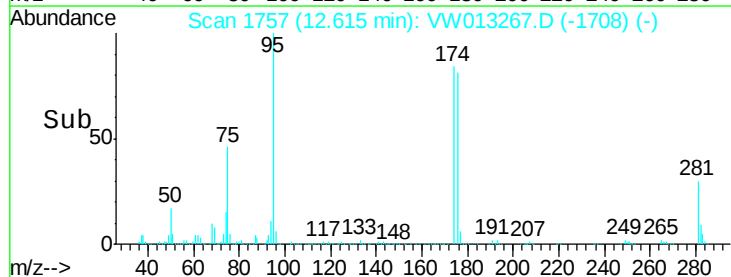
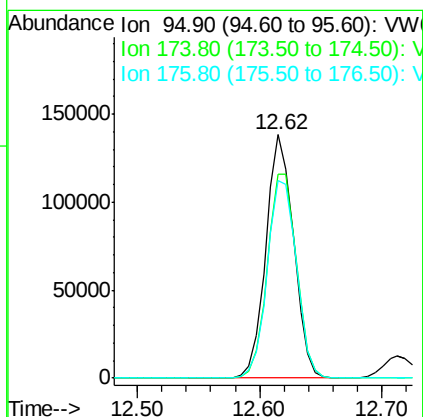
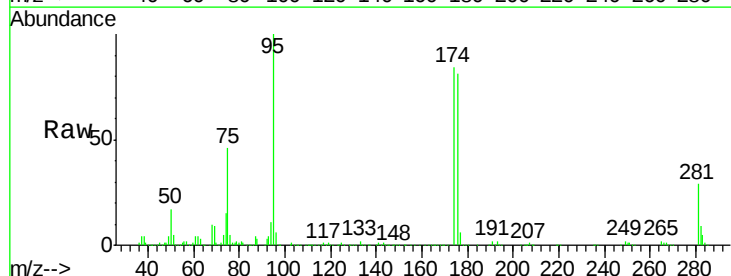
Manual Integrations
APPROVED

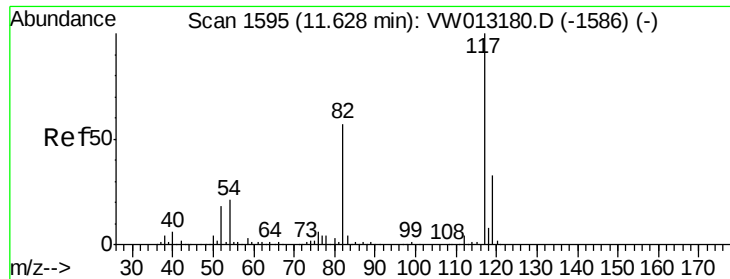
MMDadoda
9/26/2019 12:37:34 AM



#62
4-Bromofluorobenzene
Concen: 50.162 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013267.D
Acq: 24 Sep 2019 10:57

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.2	0.0	178.4
176	85.5	0.0	172.2





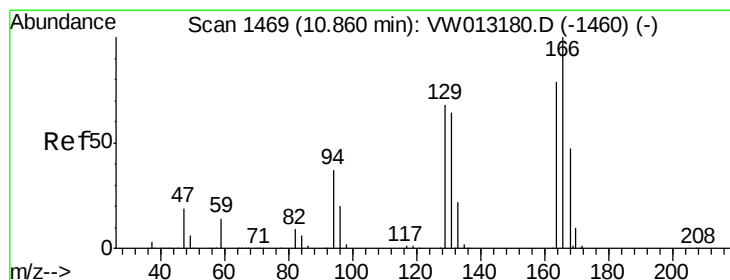
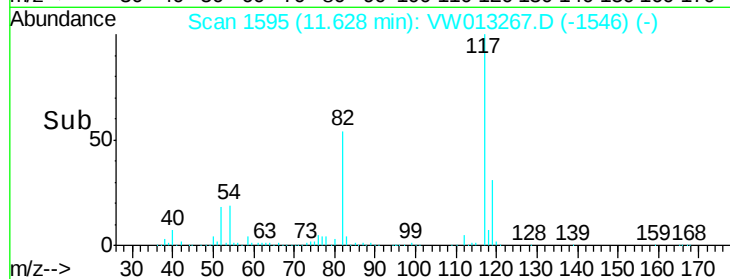
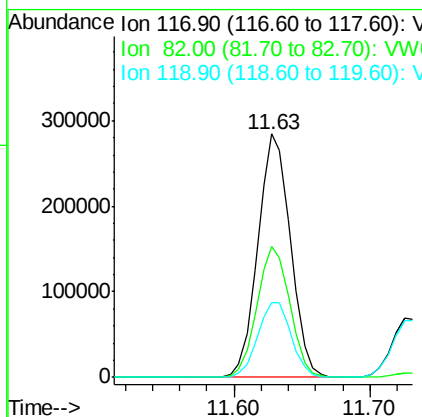
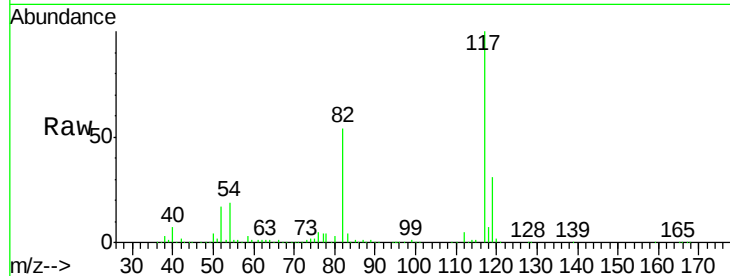
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013267.D
Acq: 24 Sep 2019 10:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	45.9	68.9
119	30.6	26.2	39.2

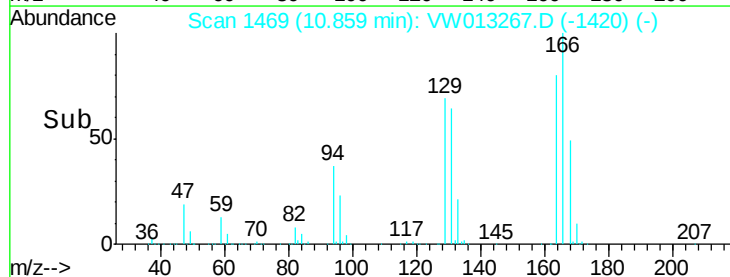
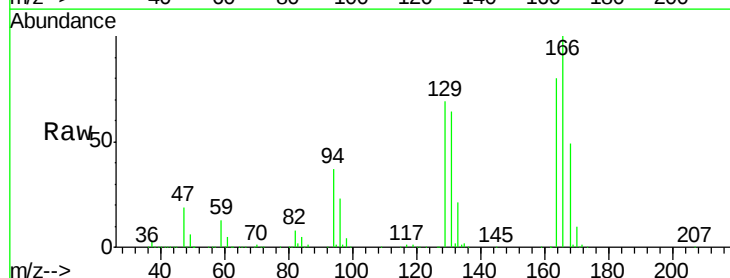
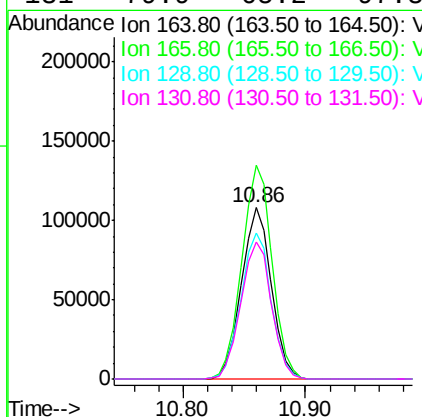
Manual Integrations
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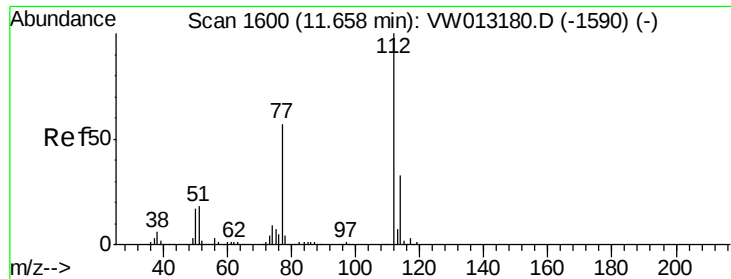
MMDadoda
9/26/2019 12:37:34 AM



#64
Tetrachloroethene
Concen: 50.510 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW013267.D
Acq: 24 Sep 2019 10:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.9	101.2	151.8
129	85.6	68.8	103.2
131	79.9	65.2	97.8





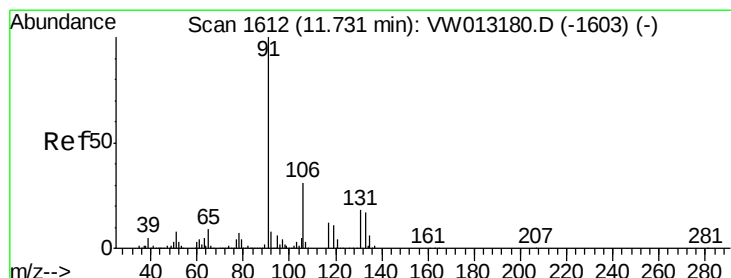
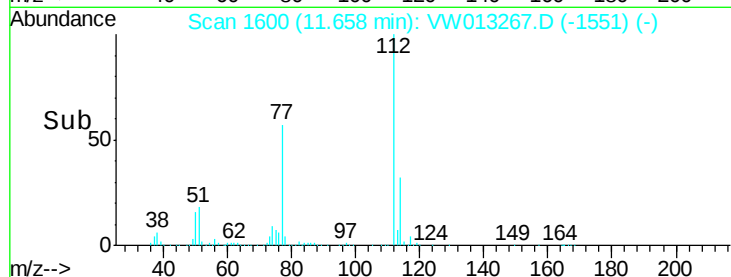
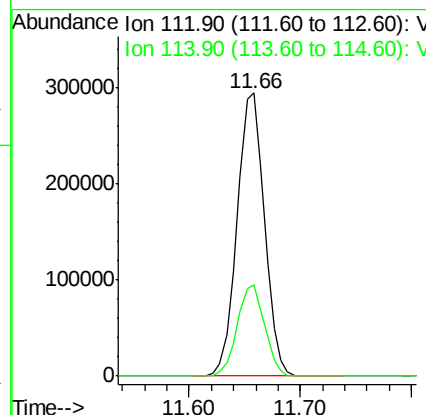
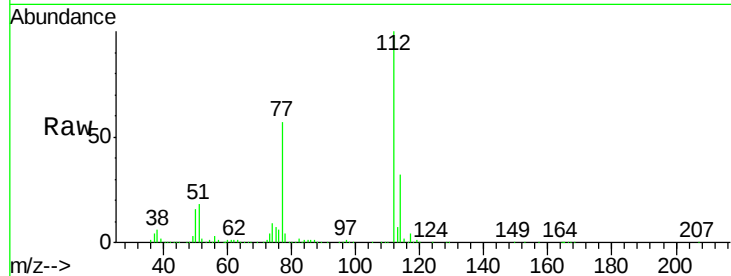
#65
Chlorobenzene
Concen: 50.251 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW013267.D
Acq: 24 Sep 2019 10:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
112	100	500418		
114	32.4	26.5	39.7	

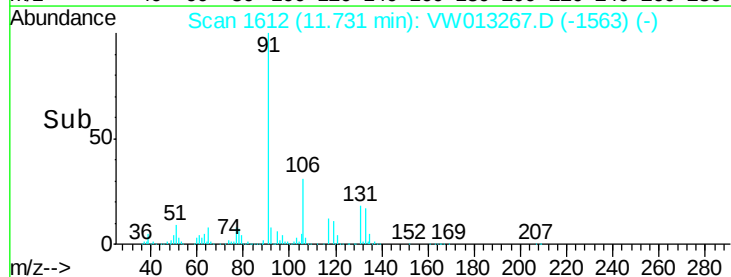
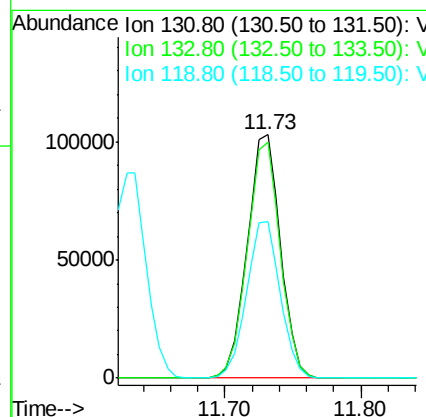
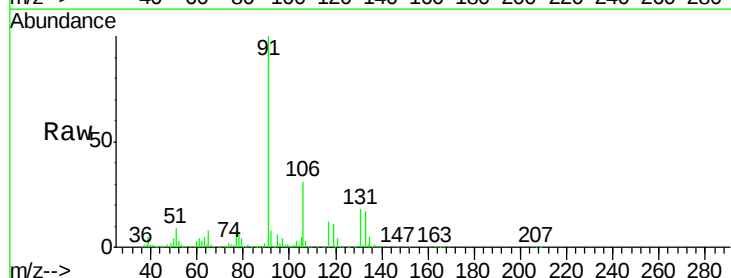
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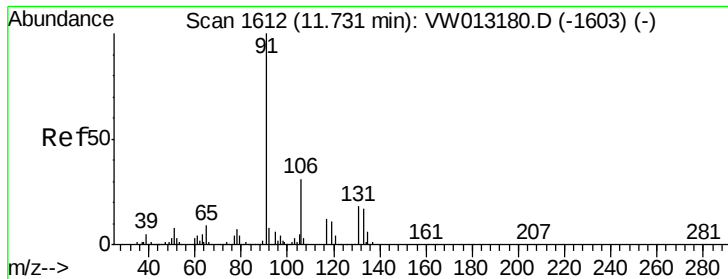
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.811 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013267.D
Acq: 24 Sep 2019 10:57

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	176264		
133	96.3	47.5	142.6	
119	65.1	32.5	97.5	





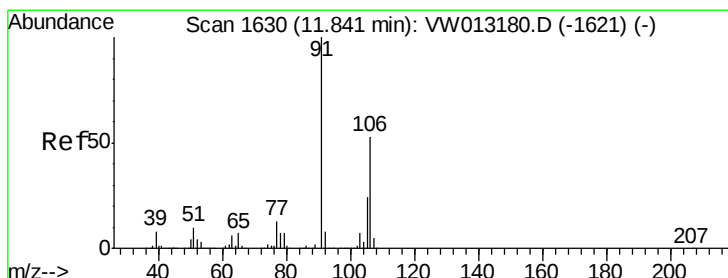
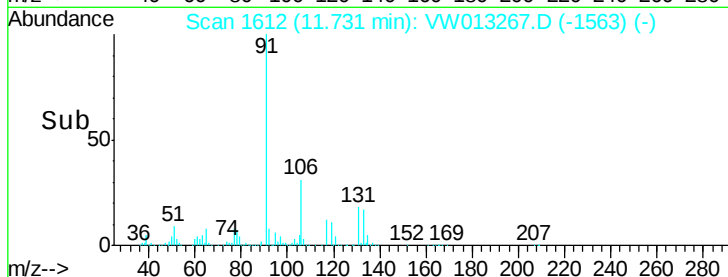
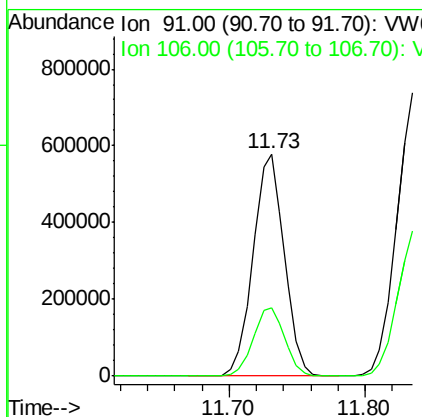
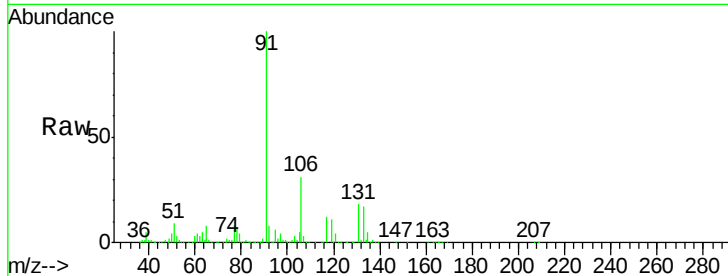
#67
Ethyl Benzene
Concen: 51.555 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013267.D
Acq: 24 Sep 2019 10:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	91	Resp	930234
Ion	Ratio	Lower	Upper
91	100		
106	31.0	24.9	37.3

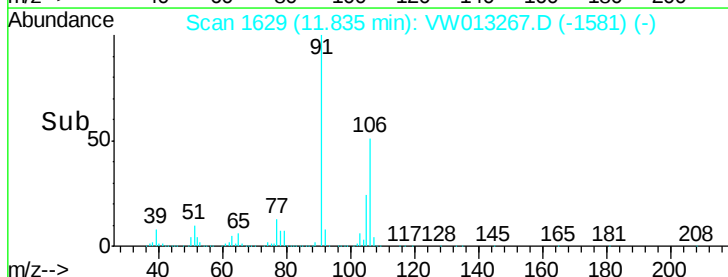
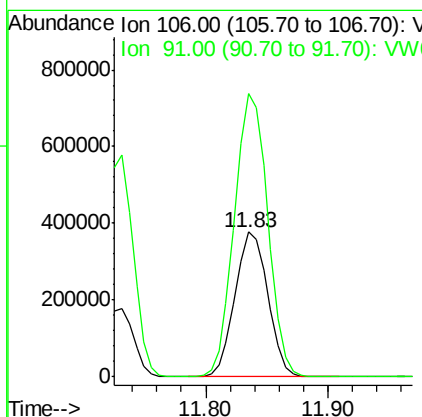
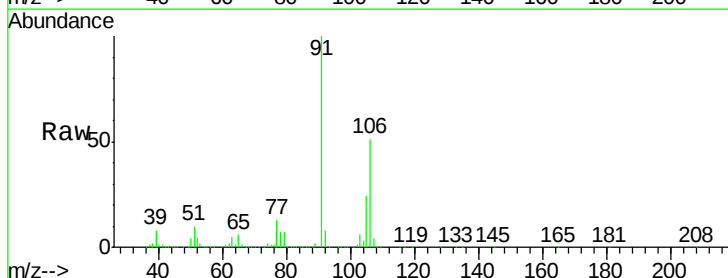
Manual Integrations
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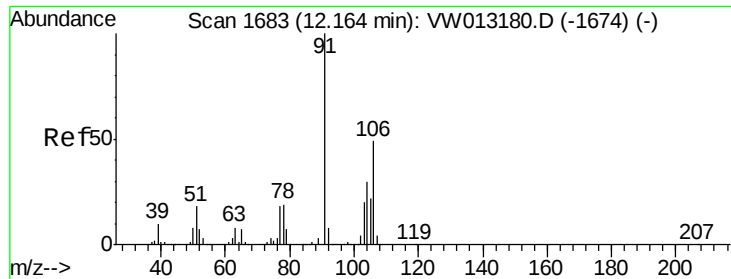
MMDadoda
9/26/2019 12:37:34 AM



#68
m/p-Xylenes
Concen: 102.735 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW013267.D
Acq: 24 Sep 2019 10:57

Tgt Ion	106	Resp	706372
Ion	Ratio	Lower	Upper
106	100		
91	197.5	157.9	236.9





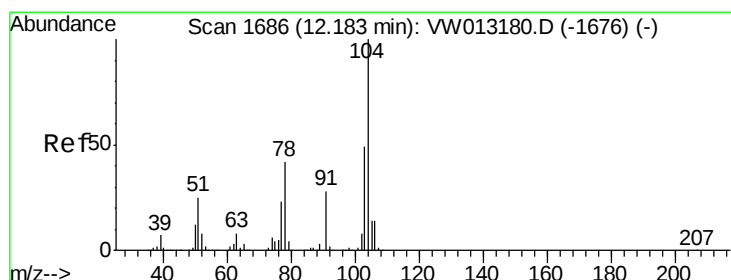
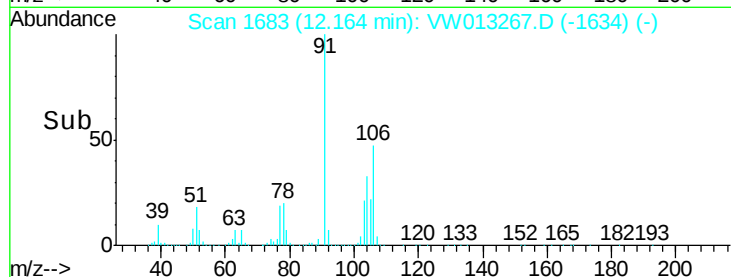
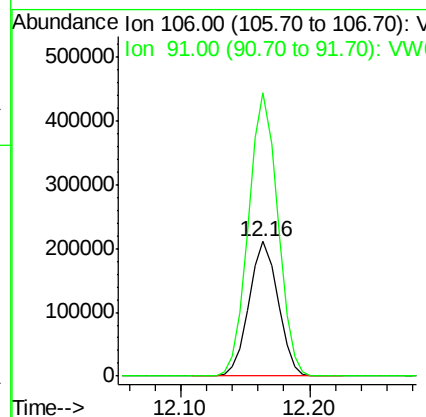
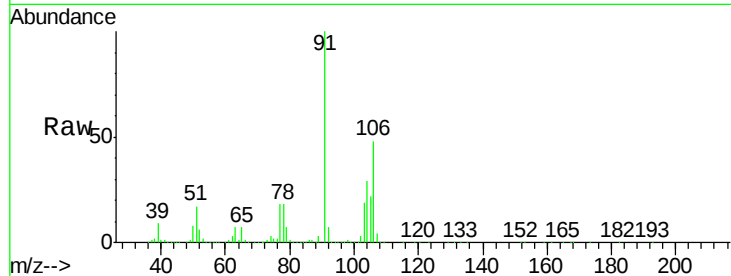
#69
o-Xylene
Concen: 51.384 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013267.D
Acq: 24 Sep 2019 10:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.5	106.5	319.5

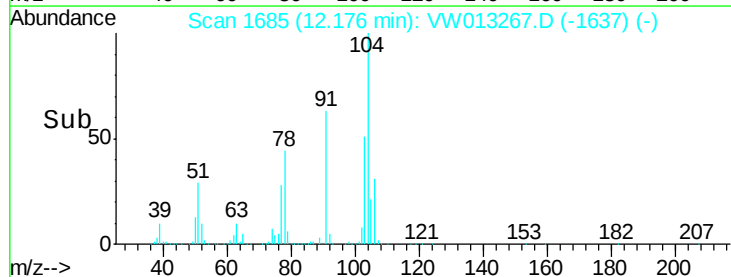
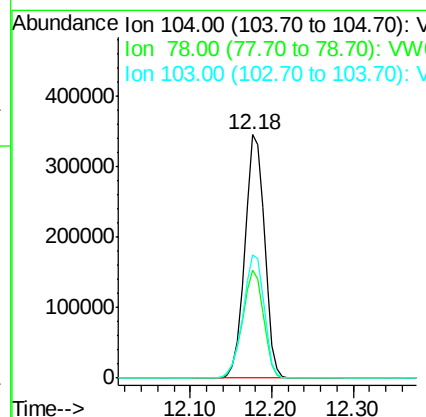
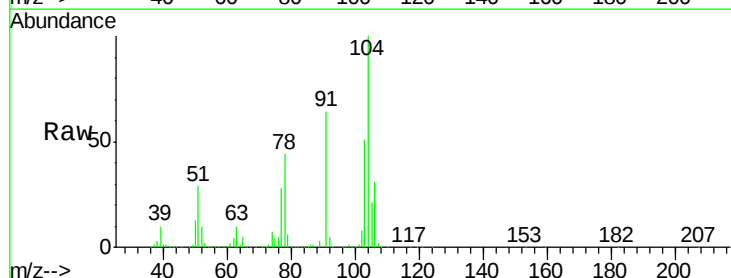
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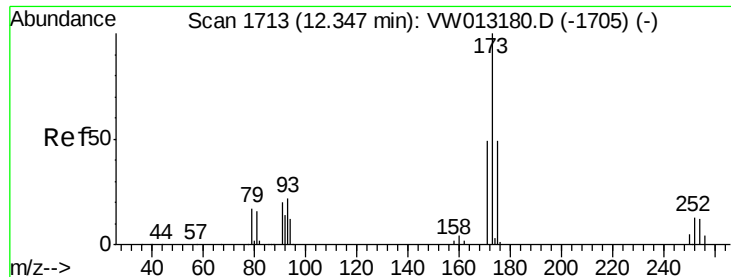
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9/26/2019 12:37:34 AM



#70
Styrene
Concen: 52.015 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW013267.D
Acq: 24 Sep 2019 10:57

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.3	38.4	57.6
103	54.5	43.3	64.9





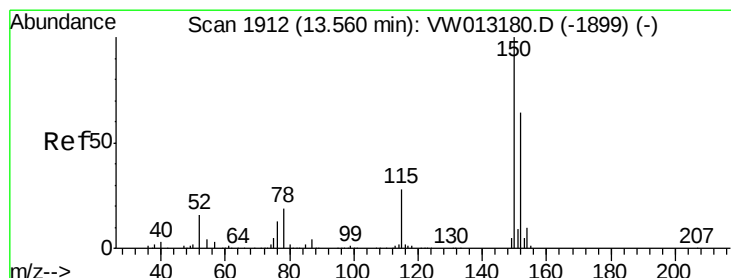
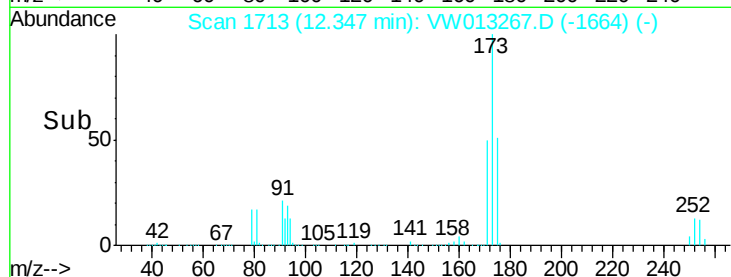
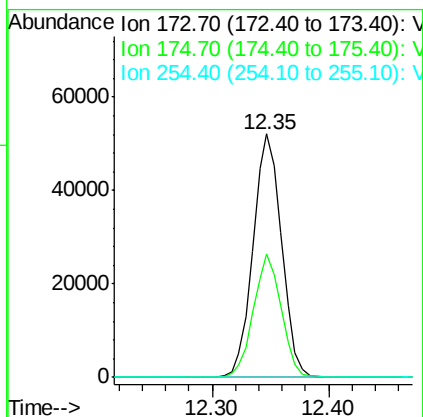
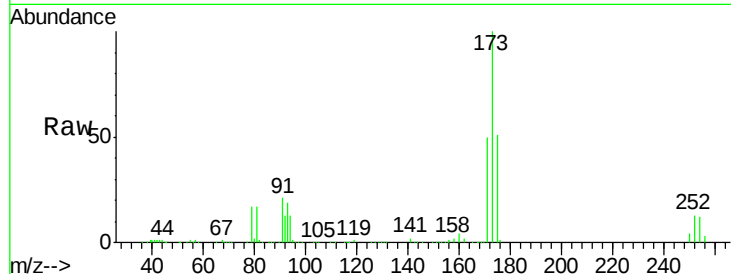
#71
Bromoform
Concen: 49.499 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW013267.D
Acq: 24 Sep 2019 10:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.3	73.0
254	0.0	0.1	0.1

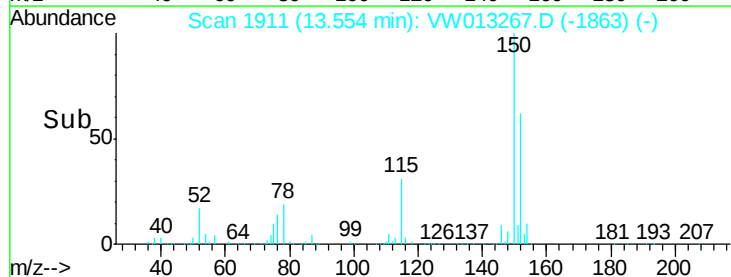
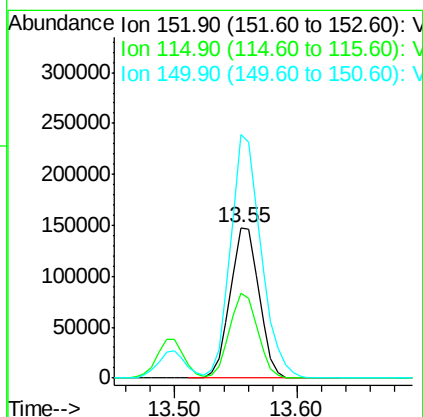
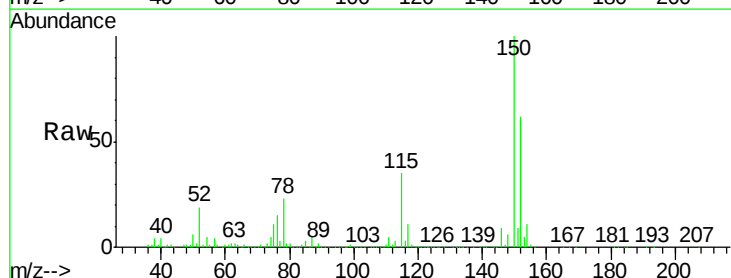
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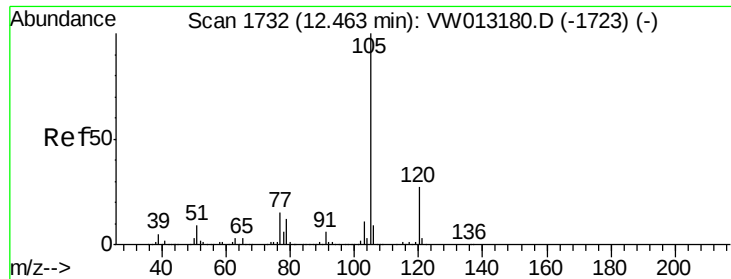
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013267.D
Acq: 24 Sep 2019 10:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.8	27.3	81.9
150	170.6	0.0	349.0





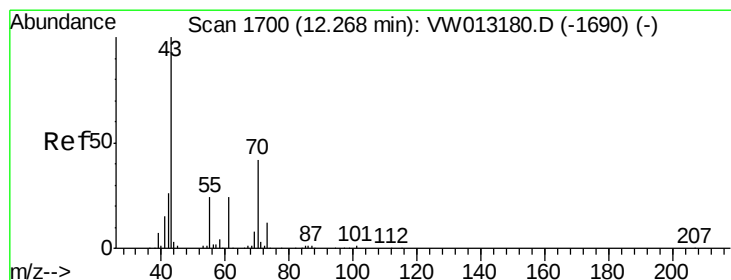
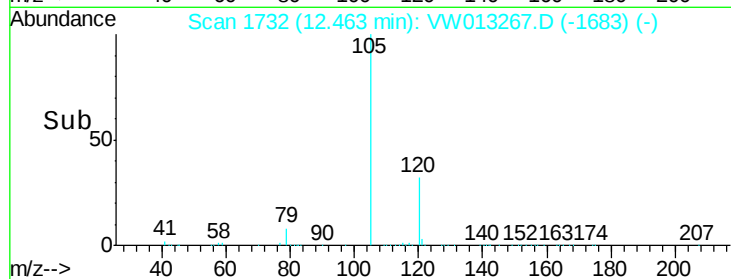
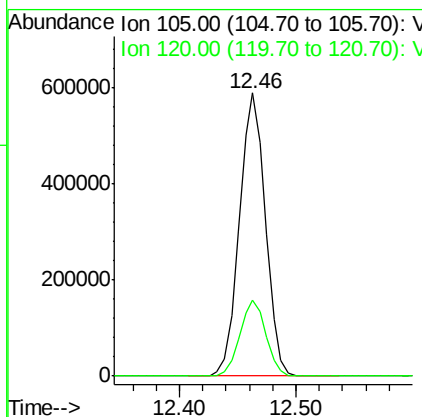
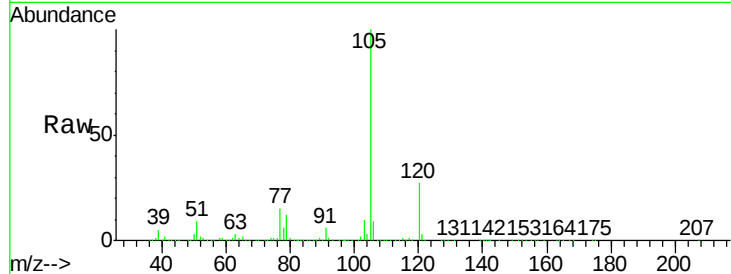
#73
Isopropylbenzene
Concen: 51.605 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW013267.D
Acq: 24 Sep 2019 10:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
105	100	916205		
120	26.5	13.4	40.1	

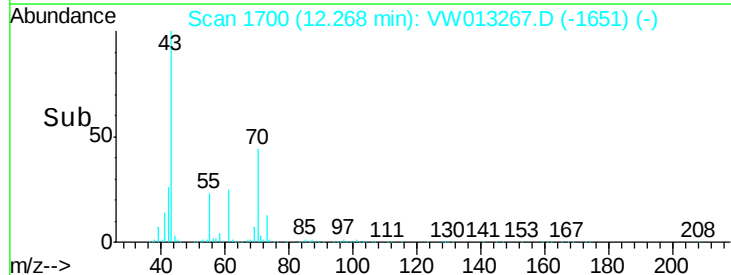
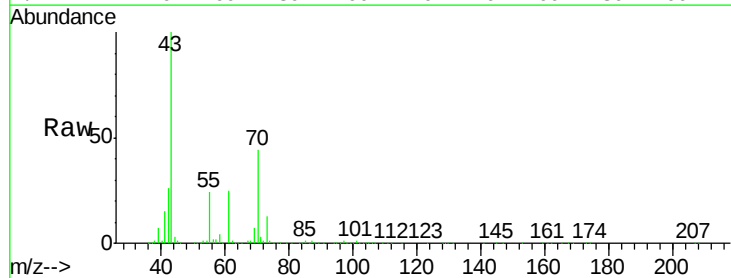
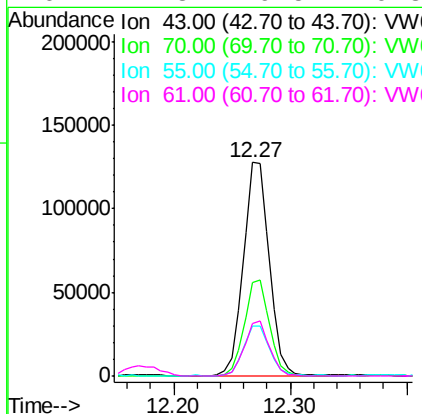
Manual Integrations
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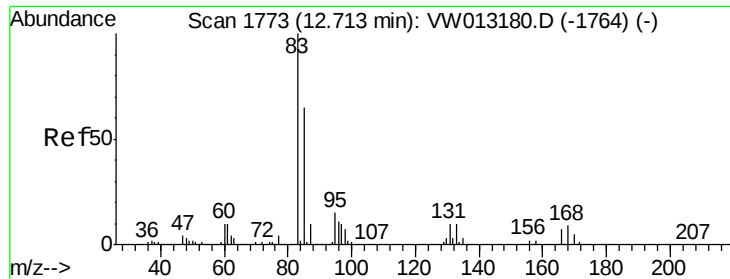
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#74
N-ethyl acetate
Concen: 50.212 ug/l
RT: 12.27 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VW013267.D
Acq: 24 Sep 2019 10:57

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	197818		
70	43.8	35.1	52.7	
55	23.4	19.9	29.9	
61	24.8	19.5	29.3	





#75

1,1,2,2-Tetrachloroethane

Concen: 47.626 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW013267.D

Acq: 24 Sep 2019 10:57

Instrument :

MSVOA_W

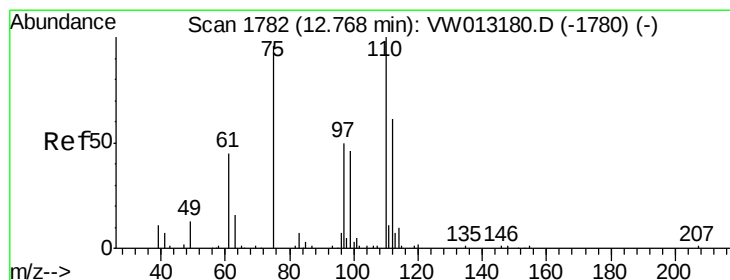
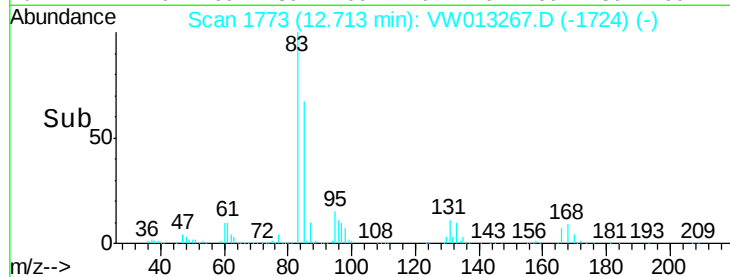
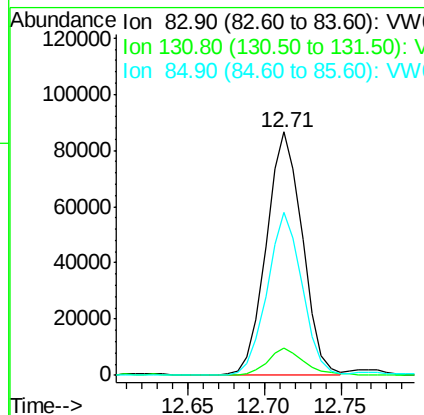
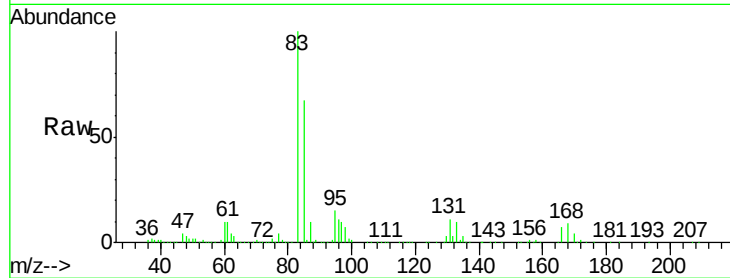
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	141414
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.4	16.2
85	65.0	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 41.376 ug/l m

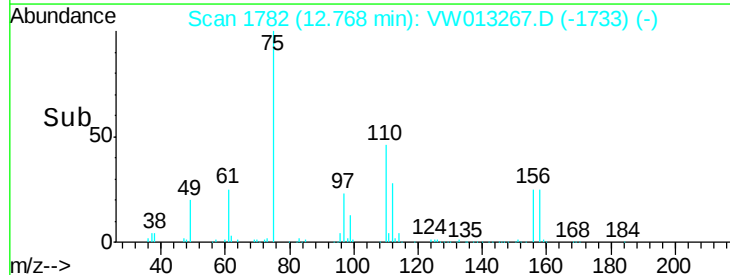
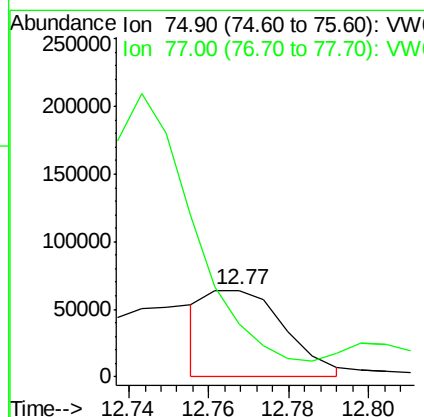
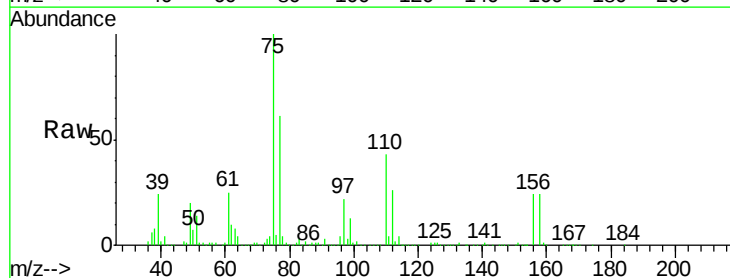
RT: 12.77 min Scan# 1782

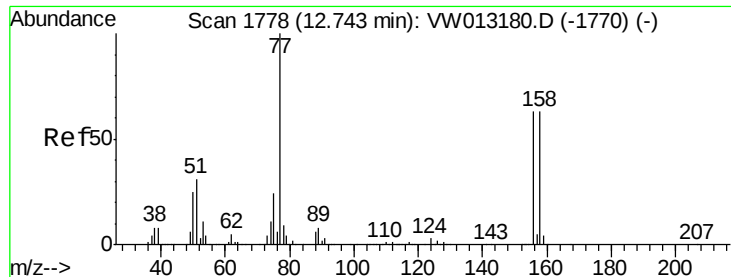
Delta R.T. -0.00 min

Lab File: VW013267.D

Acq: 24 Sep 2019 10:57

Tgt Ion:	75	Resp:	87821
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.409 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW013267.D

Acq: 24 Sep 2019 10:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 212086

Ion Ratio Lower Upper

156 100

77 173.8 85.7 257.1

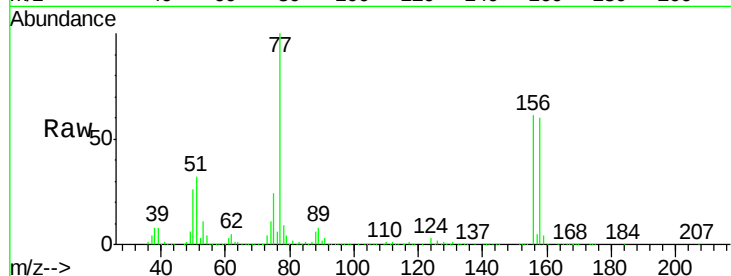
158 97.1 48.1 144.4

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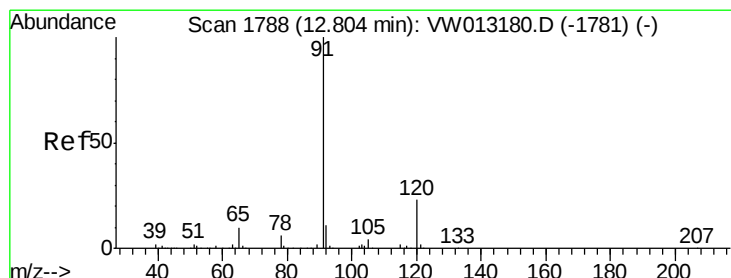
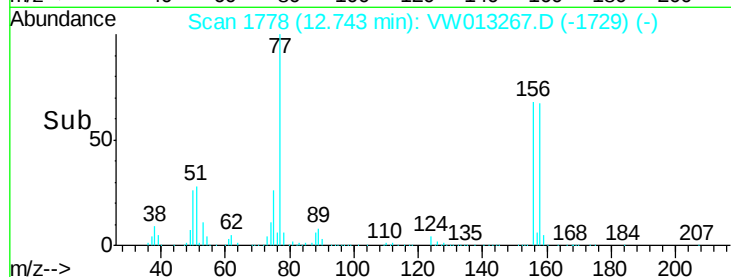
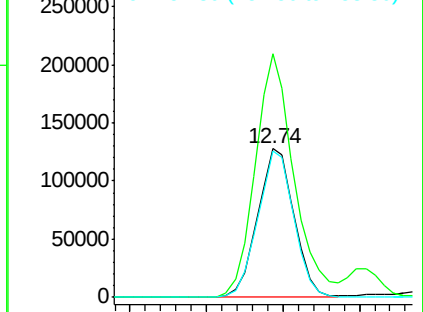
9/26/2019 12:37:34 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.450 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW013267.D

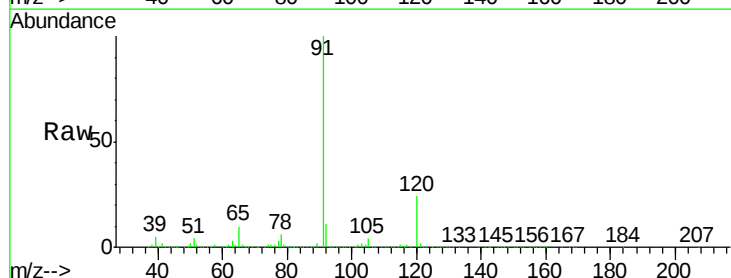
Acq: 24 Sep 2019 10:57

Tgt Ion: 91 Resp: 1069231

Ion Ratio Lower Upper

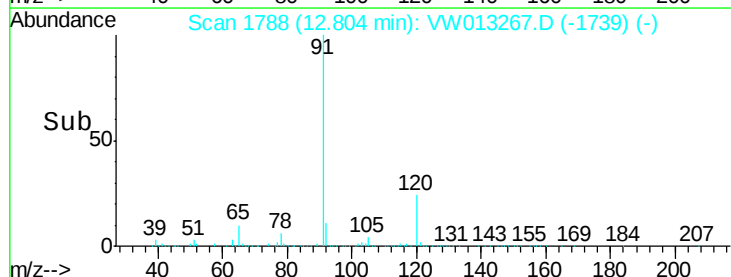
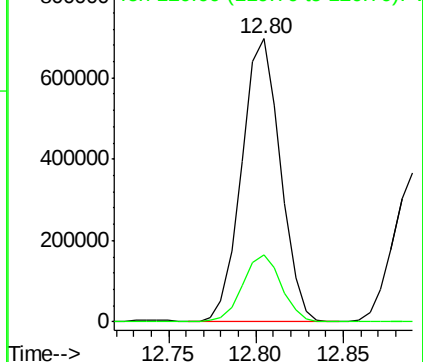
91 100

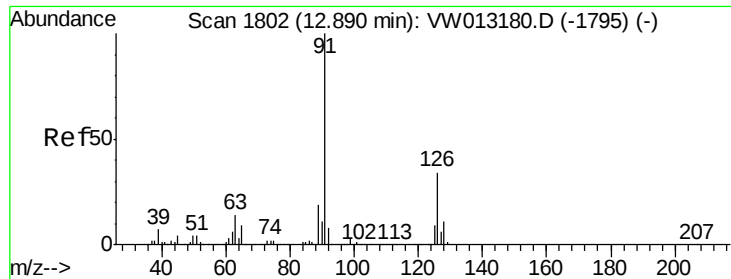
120 23.7 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.723 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW013267.D

Acq: 24 Sep 2019 10:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 590554

Ion Ratio Lower Upper

91 100

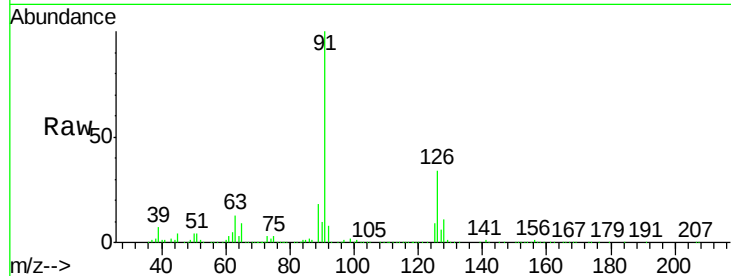
126 34.7 17.2 51.5

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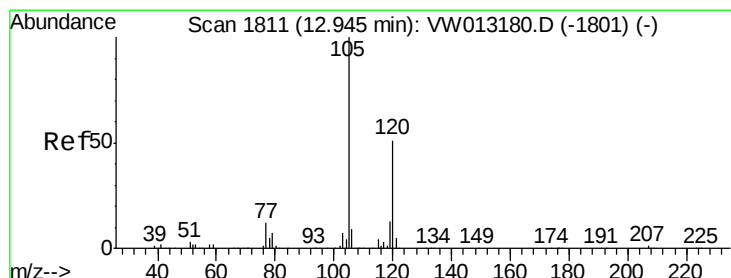
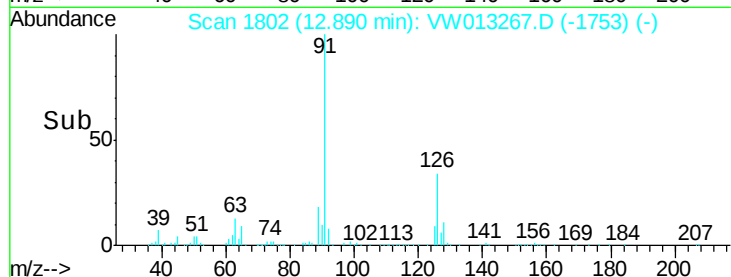
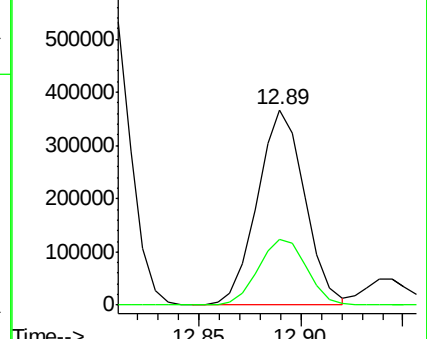
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.798 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW013267.D

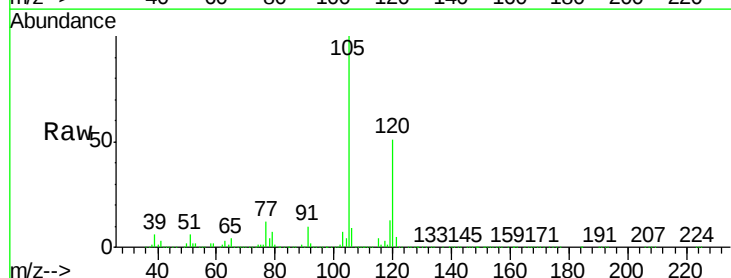
Acq: 24 Sep 2019 10:57

Tgt Ion:105 Resp: 773046

Ion Ratio Lower Upper

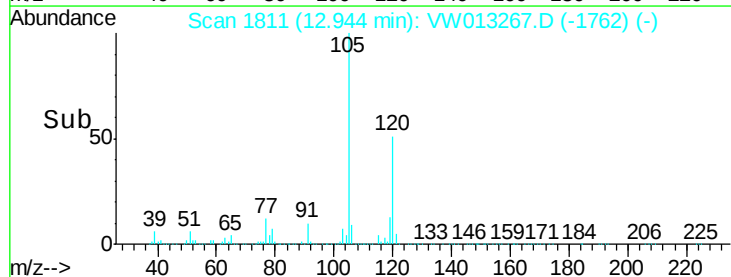
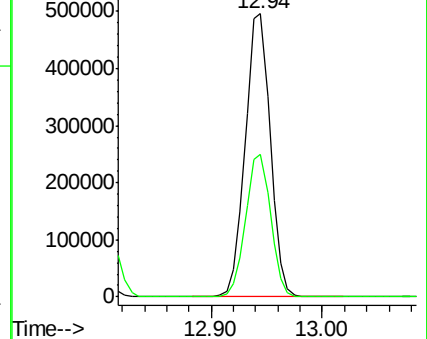
105 100

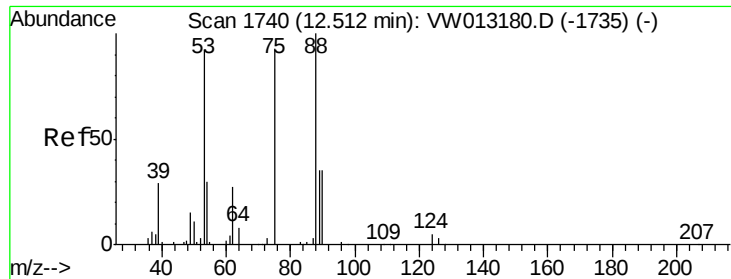
120 50.5 24.9 74.8



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: 51.593 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW013267.D

Acq: 24 Sep 2019 10:57

Instrument :

MSVOA_W

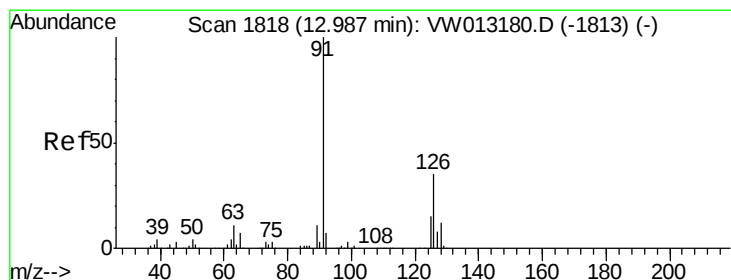
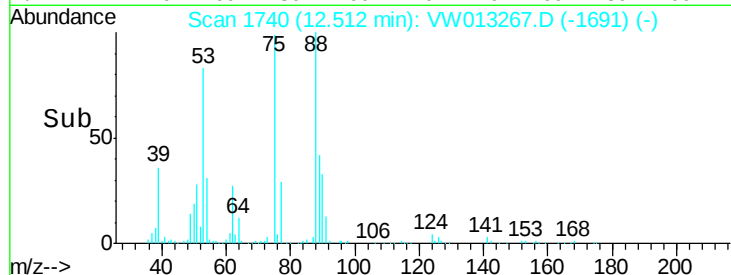
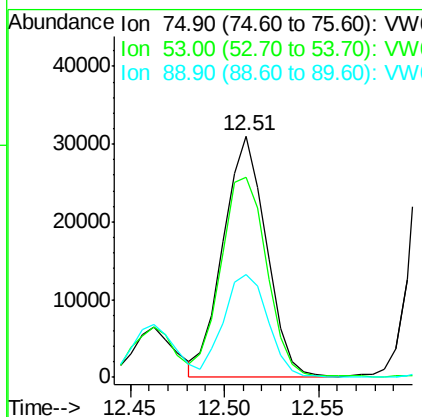
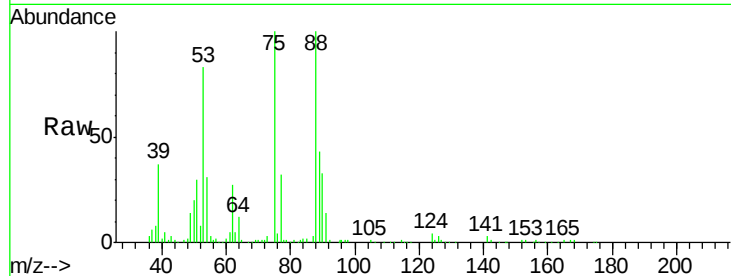
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	48802
Ion	Ratio	Lower	Upper
75	100		
53	88.9	76.6	114.8
89	43.8	33.5	50.3

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#82

4-Chlorotoluene

Concen: 50.156 ug/l

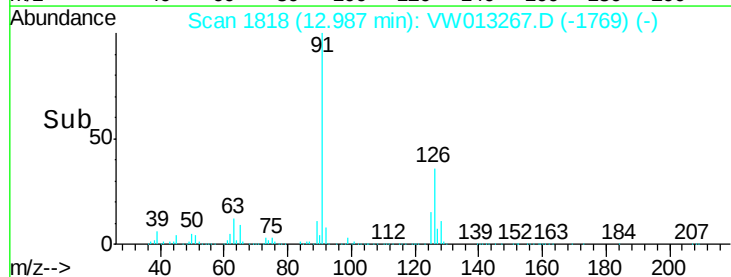
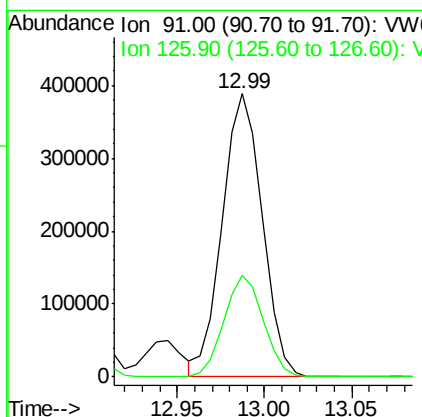
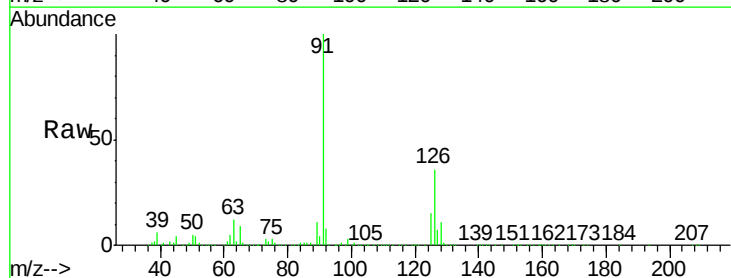
RT: 12.99 min Scan# 1818

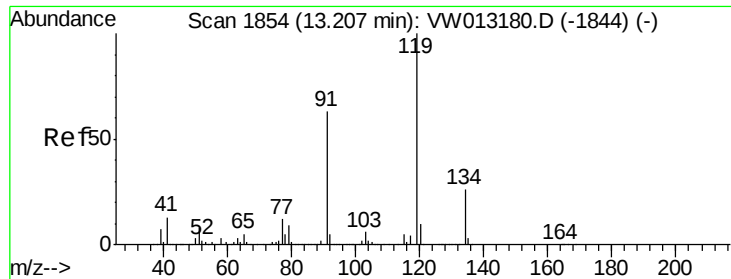
Delta R.T. -0.00 min

Lab File: VW013267.D

Acq: 24 Sep 2019 10:57

Tgt Ion:	91	Resp:	615806
Ion	Ratio	Lower	Upper
91	100		
126	35.2	17.3	51.7





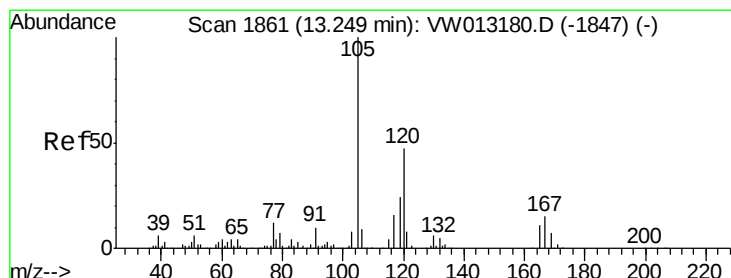
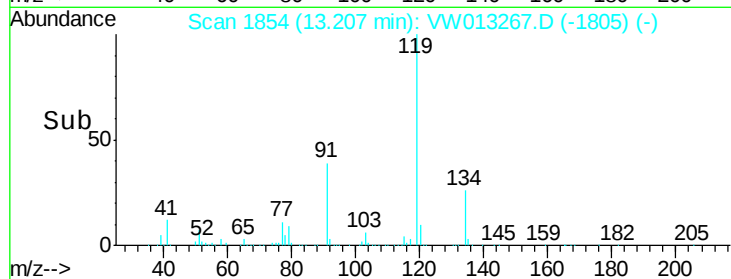
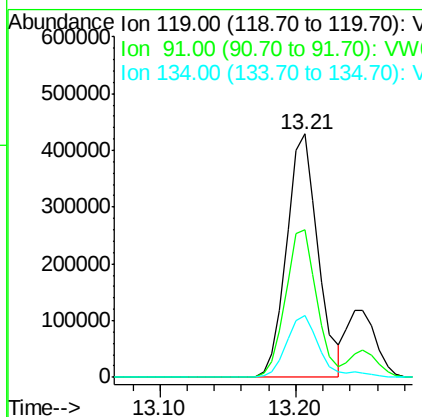
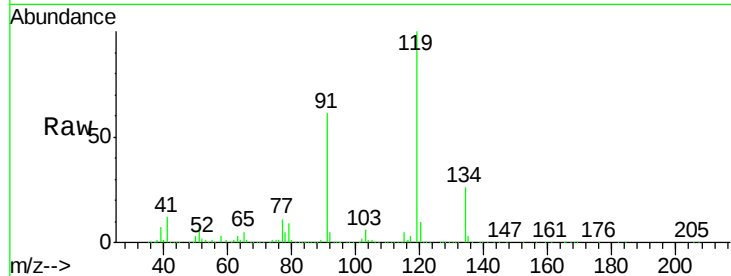
#83
tert-Butylbenzene
Concen: 52.265 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW013267.D
Acq: 24 Sep 2019 10:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.4	30.7	92.1
134	27.1	12.6	37.6

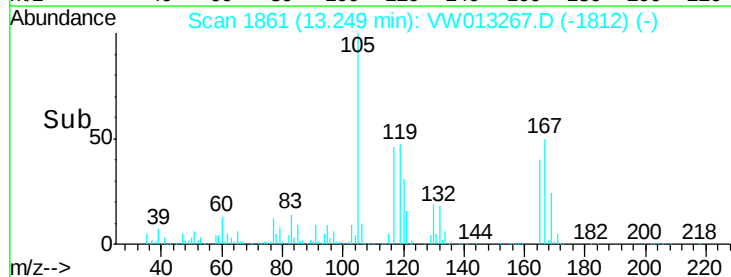
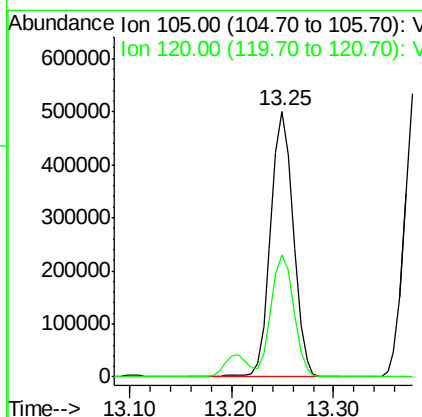
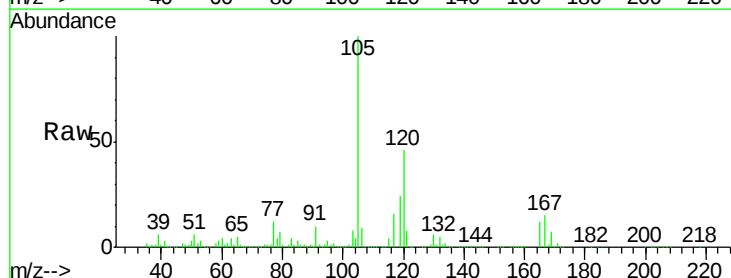
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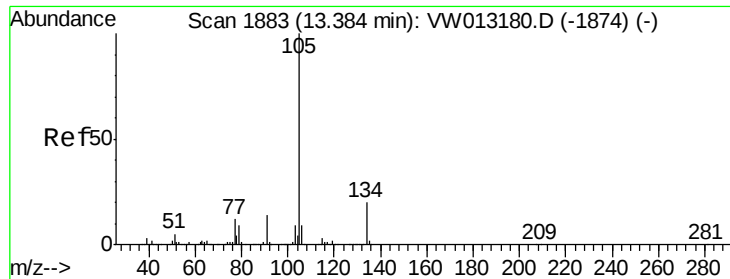
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#84
1,2,4-Trimethylbenzene
Concen: 51.868 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW013267.D
Acq: 24 Sep 2019 10:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	23.4	70.3





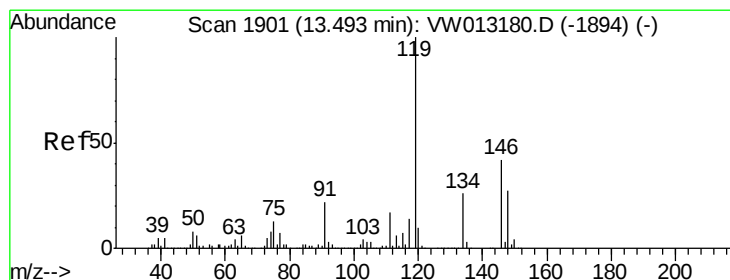
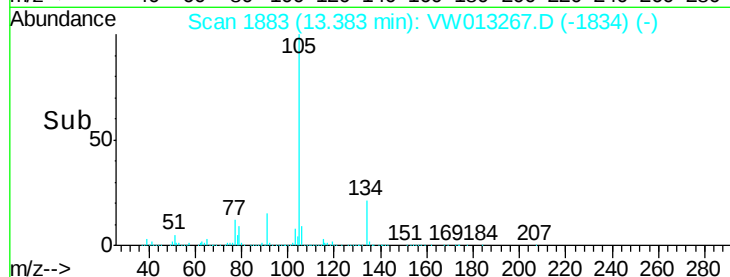
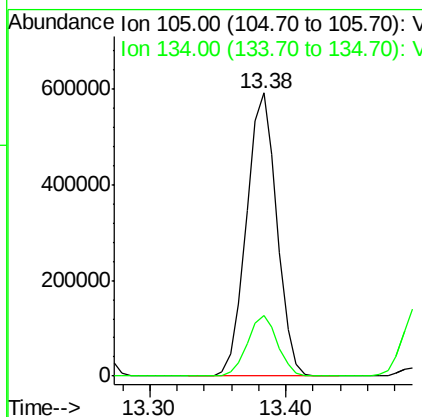
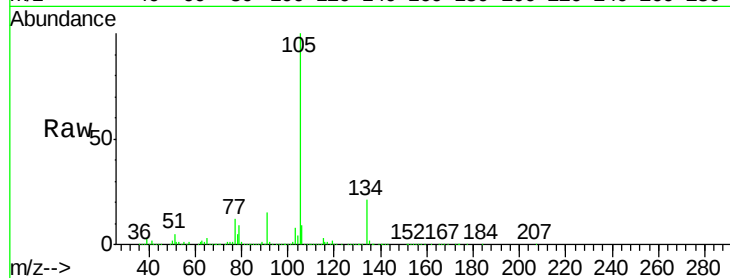
#85
 sec-Butylbenzene
 Concen: 51.317 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW013267.D
 Acq: 24 Sep 2019 10:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.1	10.3	30.8

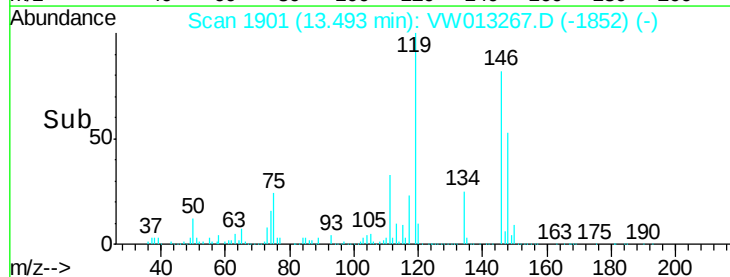
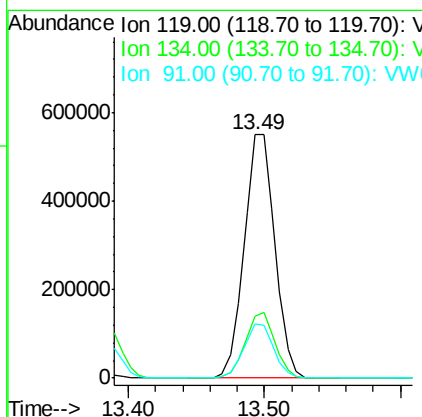
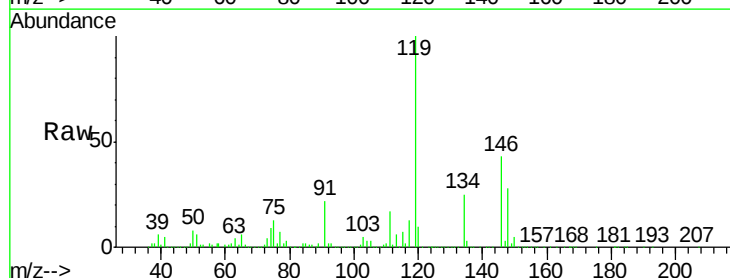
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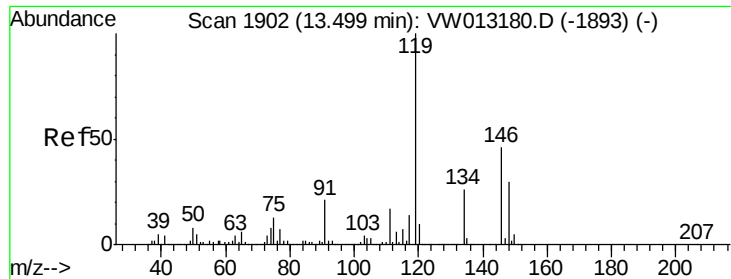
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#86
 p-Isopropyltoluene
 Concen: 51.684 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.00 min
 Lab File: VW013267.D
 Acq: 24 Sep 2019 10:57

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.3	39.8
91	21.7	10.8	32.4





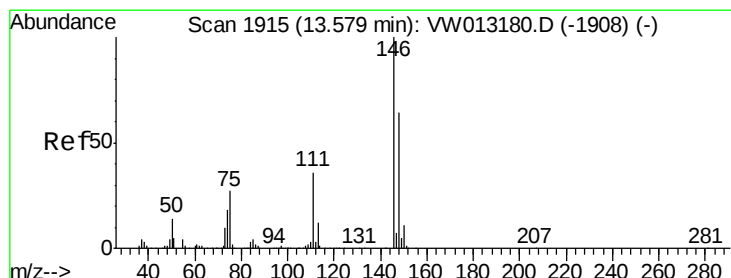
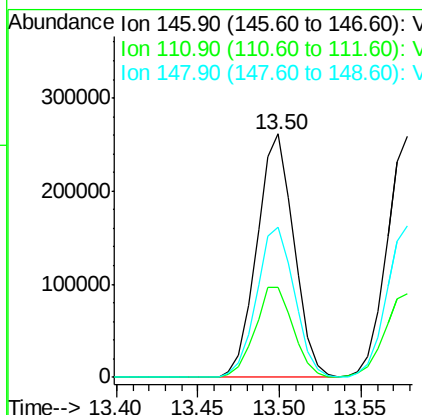
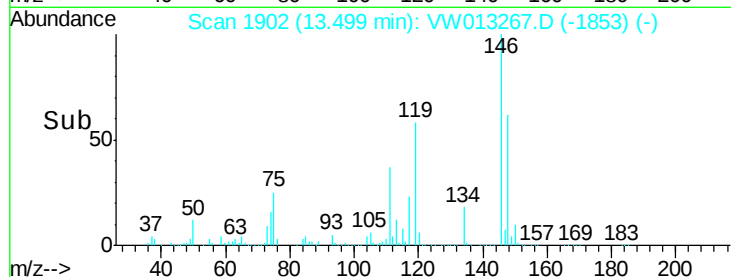
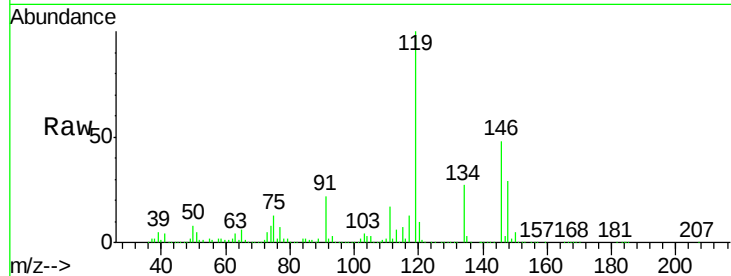
#87
 1,3-Dichlorobenzene
 Concen: 50.830 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW013267.D
 Acq: 24 Sep 2019 10:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	411581		
111	37.9	18.9	56.9	
148	63.4	31.9	95.5	

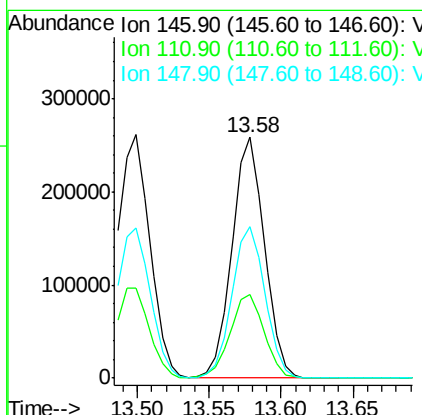
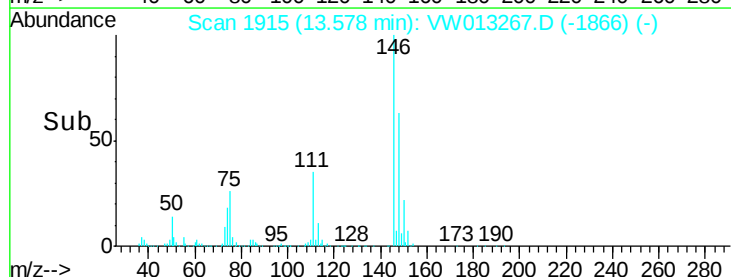
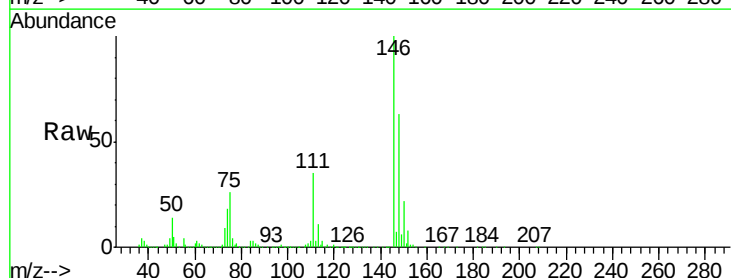
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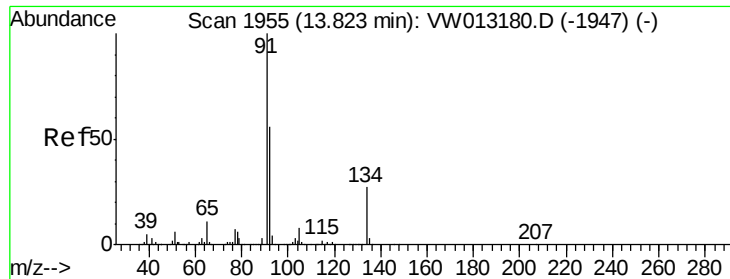
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#88
 1,4-Dichlorobenzene
 Concen: 51.363 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW013267.D
 Acq: 24 Sep 2019 10:57

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	407888		
111	36.5	18.4	55.0	
148	63.9	32.1	96.3	





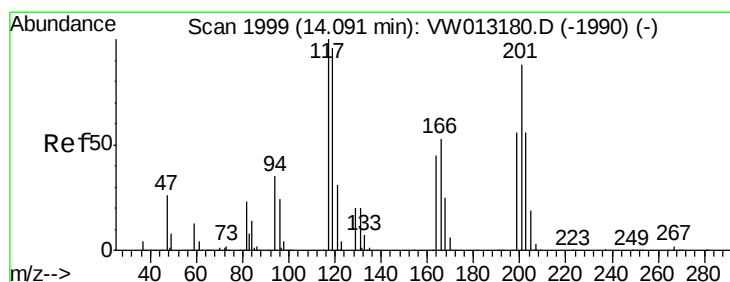
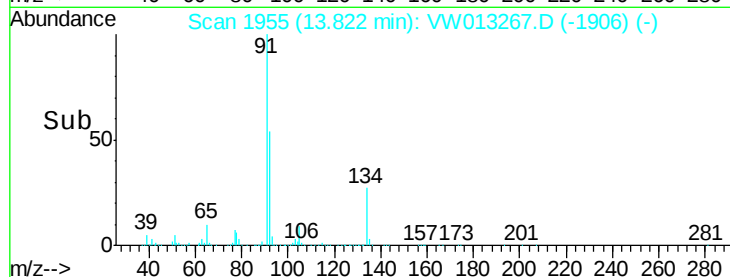
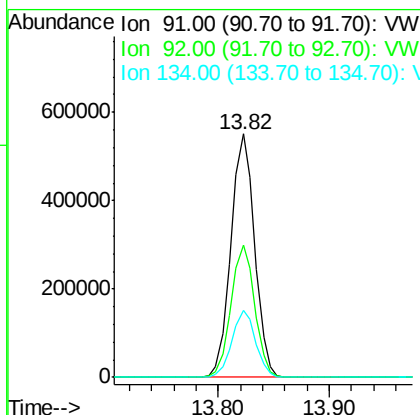
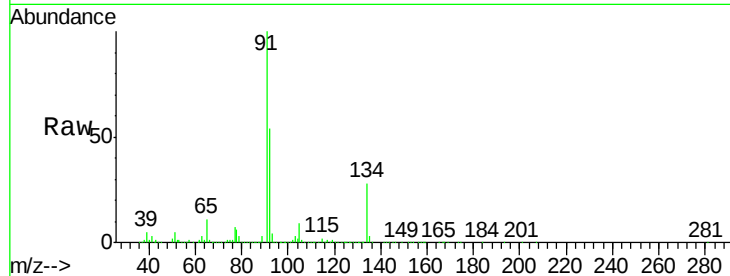
#89
n-Butylbenzene
Concen: 52.899 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW013267.D
Acq: 24 Sep 2019 10:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.6	82.8
134	27.5	13.7	41.1

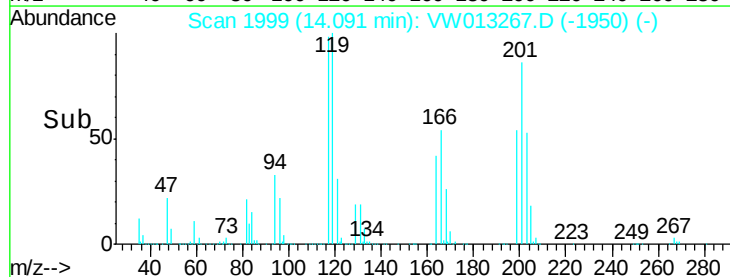
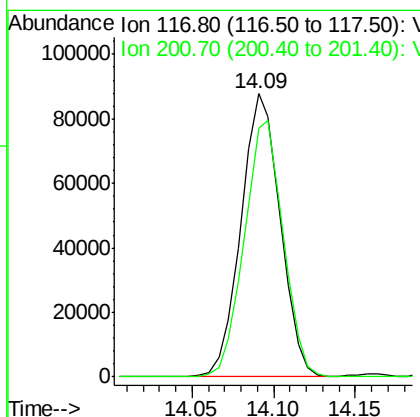
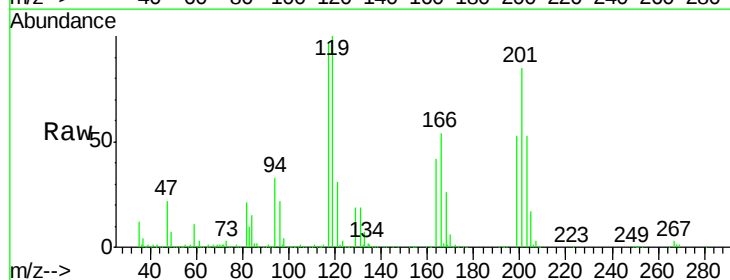
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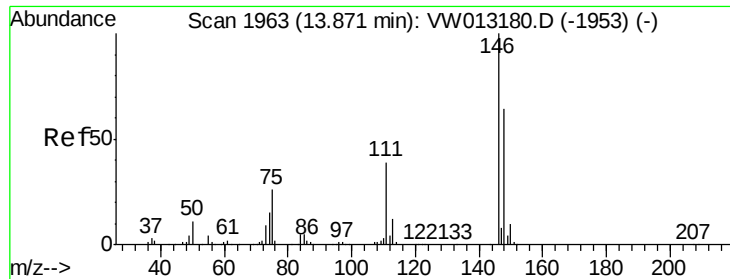
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#90
Hexachloroethane
Concen: 51.912 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW013267.D
Acq: 24 Sep 2019 10:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.3	44.5	133.5





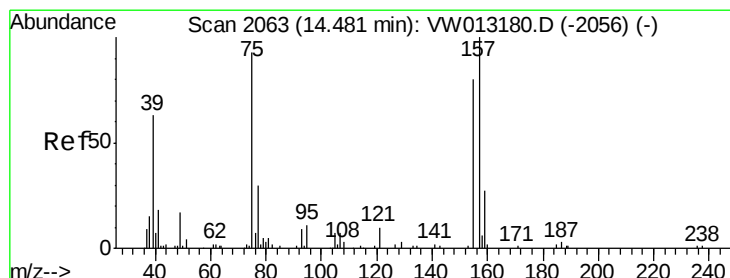
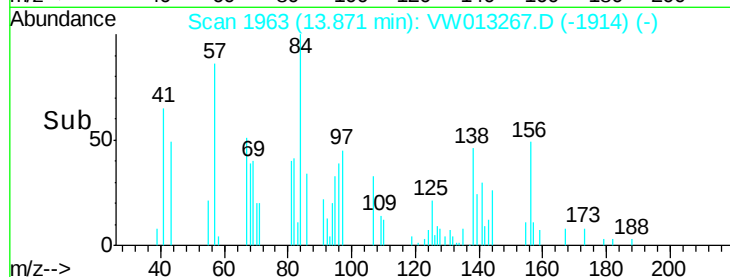
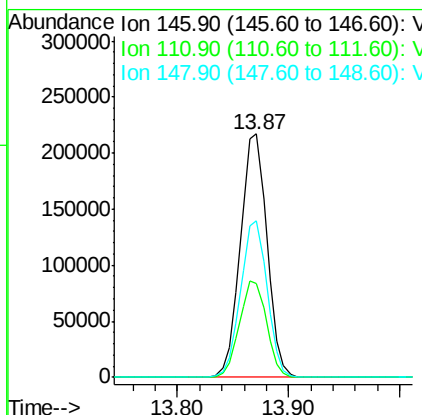
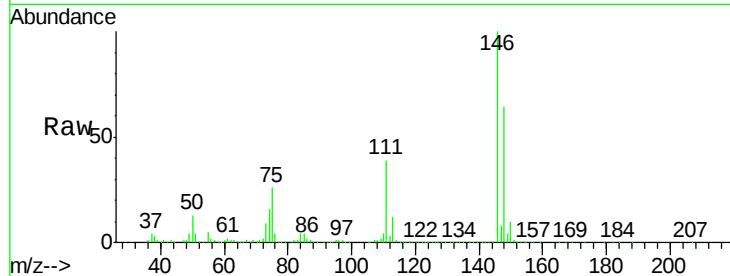
#91
 1,2-Dichlorobenzene
 Concen: 51.387 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW013267.D
 Acq: 24 Sep 2019 10:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	359970		
111	40.2		20.1	60.3
148	64.0		32.0	96.0

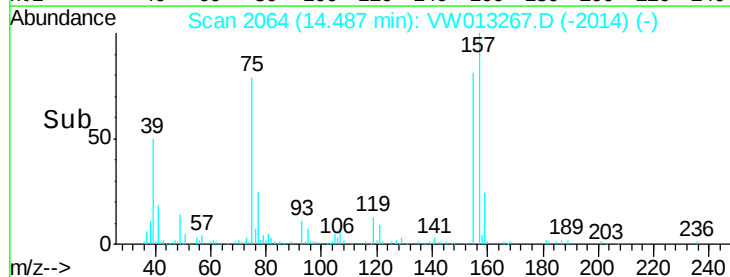
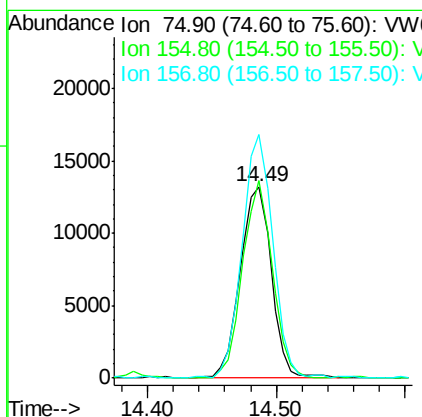
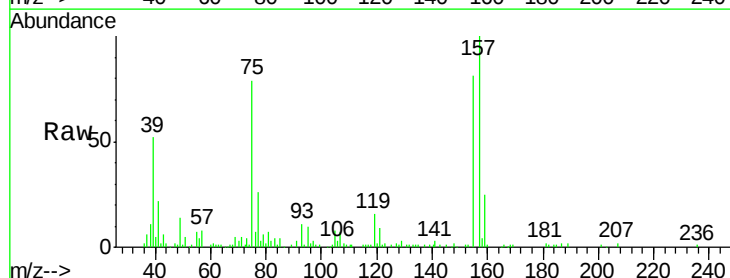
Manual Integrations
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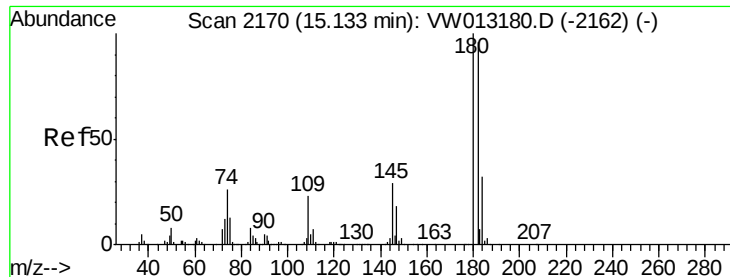
MMDadoda
 9/26/2019 12:37:34 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.912 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.01 min
 Lab File: VW013267.D
 Acq: 24 Sep 2019 10:57

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	22214		
155	97.8		46.1	138.3
157	125.0		60.4	181.2





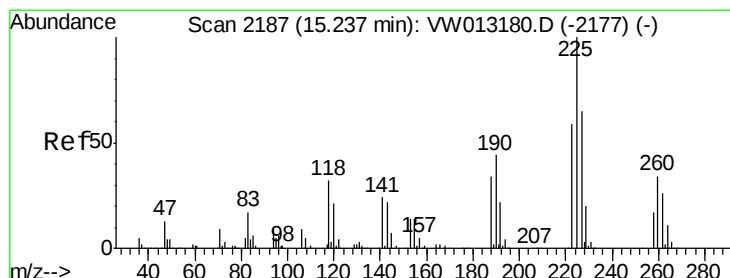
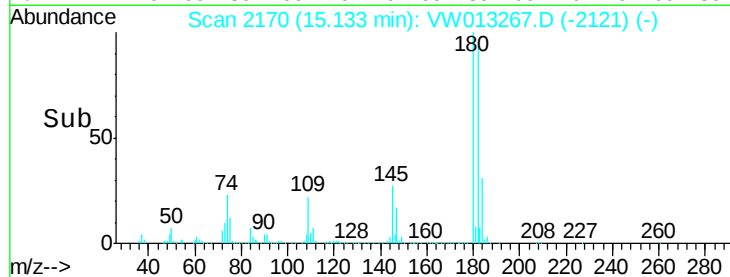
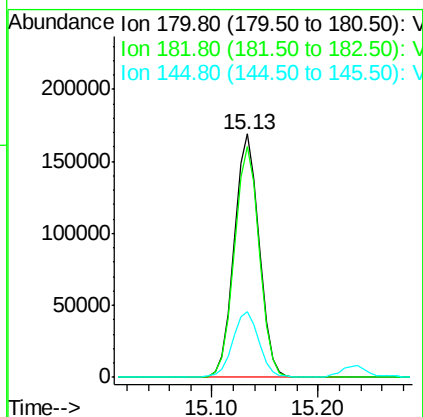
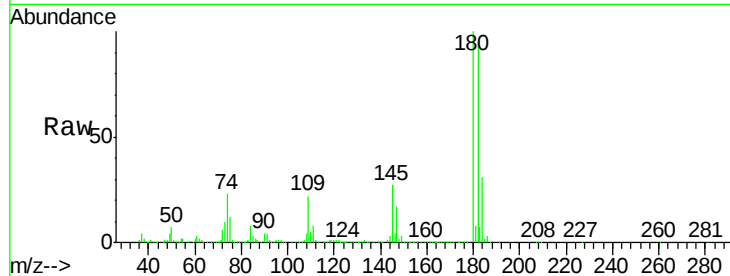
#93
 1,2,4-Trichlorobenzene
 Concen: 55.314 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW013267.D
 Acq: 24 Sep 2019 10:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	277658		
182	94.8	47.3	142.0	
145	28.5	14.2	42.8	

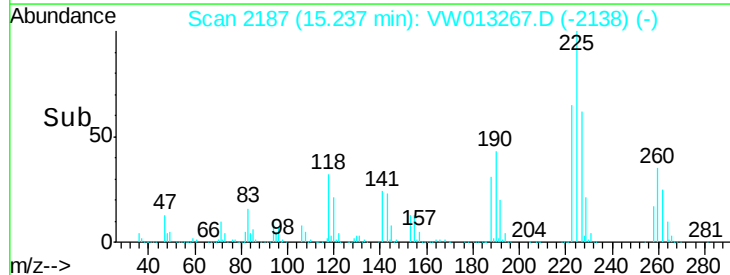
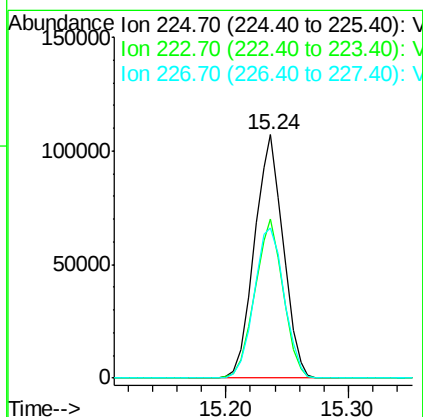
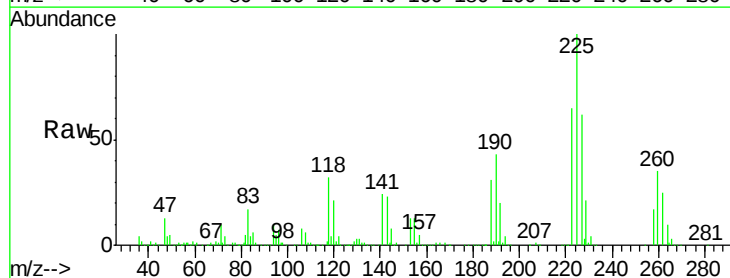
Manual Integrations
 APPROVED

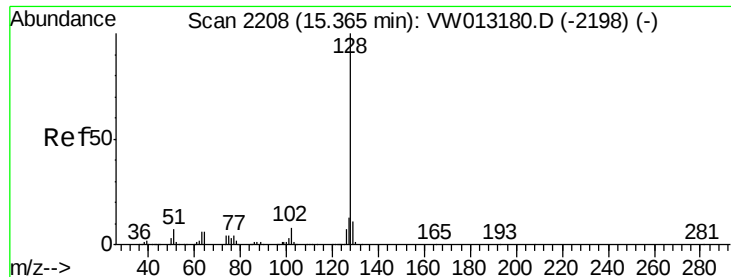
MMDadoda
 9/26/2019 12:37:34 AM



#94
 Hexachlorobutadiene
 Concen: 51.030 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW013267.D
 Acq: 24 Sep 2019 10:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	175247		
223	64.3	30.6	91.8	
227	64.8	31.9	95.9	





#95

Naphthalene

Concen: 57.629 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VW013267.D

Acq: 24 Sep 2019 10:57

Instrument :

MSVOA_W

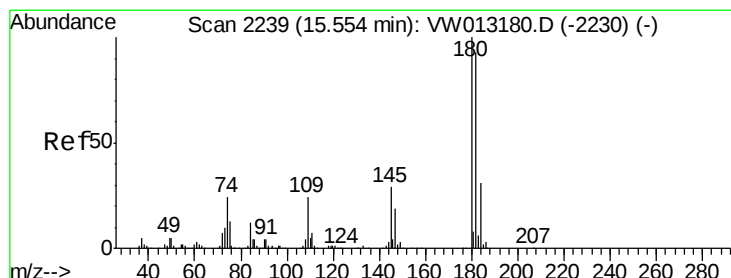
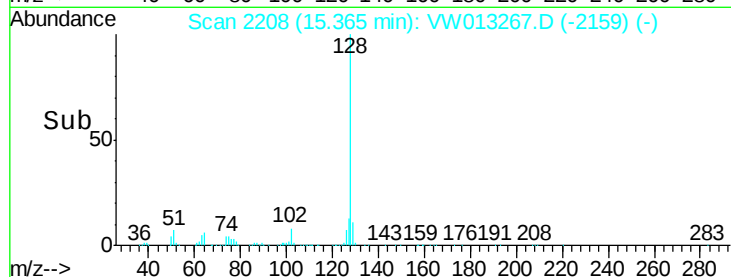
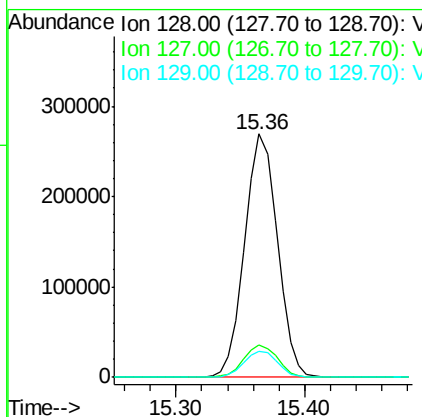
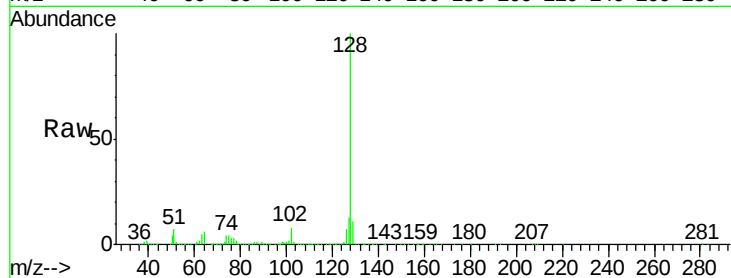
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	473124
Ion Ratio	Lower	Upper	
128	100		
127	13.7	10.6	15.8
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
9/26/2019 12:37:34 AM



#96

1,2,3-Trichlorobenzene

Concen: 54.793 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. -0.00 min

Lab File: VW013267.D

Acq: 24 Sep 2019 10:57

Tgt Ion:	180	Resp:	237656
Ion Ratio	Lower	Upper	
180	100		
182	95.1	47.9	143.7
145	30.8	15.0	45.0

