

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100819\
 Data File : VW013493.D
 Acq On : 08 Oct 2019 18:29
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/9/2019 4:10:23 PM

Quant Time: Oct 09 06:40:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 05:54:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	335605	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	483980	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	419488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	214345	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	141860	54.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.42%	
35) Dibromofluoromethane	7.88	113	144656	53.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.02%	
50) Toluene-d8	10.32	98	599308	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	
62) 4-Bromofluorobenzene	12.62	95	211033	55.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	61335	55.174	ug/l	97
3) Chloromethane	2.21	50	98162	50.236	ug/l	100
4) Vinyl Chloride	2.36	62	147995	51.347	ug/l	98
5) Bromomethane	2.77	94	93998	54.658	ug/l	97
6) Chloroethane	2.92	64	87118	53.821	ug/l	98
7) Trichlorofluoromethane	3.26	101	68706	50.382	ug/l	92
8) Diethyl Ether	3.68	74	81552	57.777	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	147096	52.336	ug/l	98
10) Methyl Iodide	4.26	142	244381	54.910	ug/l	100
11) Tert butyl alcohol	5.18	59	53290	292.316	ug/l	100
12) 1,1-Dichloroethene	4.04	96	153494	52.697	ug/l	97
13) Acrolein	3.89	56	56408	243.051	ug/l	100
14) Allyl chloride	4.67	41	243297	54.353	ug/l	99
15) Acrylonitrile	5.36	53	184602	279.822	ug/l	99
16) Acetone	4.12	43	163052	270.230	ug/l	100
17) Carbon Disulfide	4.38	76	431596	52.788	ug/l	100
18) Methyl Acetate	4.67	43	89609	51.845	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	256144	58.155	ug/l	100
20) Methylene Chloride	4.91	84	166825	57.772	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	166769	53.881	ug/l	97
22) Diisopropyl ether	6.31	45	480662	57.312	ug/l	99
23) Vinyl Acetate	6.25	43	1466524	291.258	ug/l	98
24) 1,1-Dichloroethane	6.21	63	283194	55.246	ug/l	100
25) 2-Butanone	7.17	43	234820	264.069	ug/l	99
26) 2,2-Dichloropropane	7.17	77	165578	50.106	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	181466	55.409	ug/l	99
28) Bromochloromethane	7.51	49	106856	53.660	ug/l #	99
29) Tetrahydrofuran	7.53	42	151927	279.543	ug/l	99
30) Chloroform	7.68	83	274311	55.323	ug/l	97
31) Cyclohexane	7.95	56	273731	50.452	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	219870	54.550	ug/l	99
36) 1,1-Dichloropropene	8.08	75	227426	51.945	ug/l	100
37) Ethyl Acetate	7.25	43	107429	54.080	ug/l	99
38) Carbon Tetrachloride	8.07	117	202727	52.233	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	300870	53.042	ug/l	99
40) Benzene	8.32	78	657927	53.833	ug/l	99
41) Methacrylonitrile	7.48	41	62977	55.751	ug/l	97
42) 1,2-Dichloroethane	8.40	62	173915	56.299	ug/l	98
43) Isopropyl Acetate	8.42	43	202039	56.296	ug/l	98
44) Trichloroethene	9.09	130	188096	53.949	ug/l	100
45) 1,2-Dichloropropane	9.37	63	164801	56.181	ug/l	95
46) Dibromomethane	9.46	93	81711	55.914	ug/l	100
47) Bromodichloromethane	9.65	83	207524	57.127	ug/l	98
48) Methyl methacrylate	9.43	41	94110	53.236	ug/l	95
49) 1,4-Dioxane	9.46	88	24596	958.538	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	517873	274.472	ug/l	100
52) Toluene	10.39	92	431614	54.825	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	219534	58.159	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	260559	56.976	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	123595	56.346	ug/l	95
56) Ethyl methacrylate	10.65	69	171643	58.099	ug/l	99
57) 1,3-Dichloropropane	10.93	76	214107	56.845	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	389178	279.225	ug/l	99
59) 2-Hexanone	10.97	43	360456	278.600	ug/l	100
60) Dibromochloromethane	11.13	129	147217	58.361	ug/l	98
61) 1,2-Dibromoethane	11.23	107	119103	57.087	ug/l	99
64) Tetrachloroethene	10.86	164	162836	52.742	ug/l	98
65) Chlorobenzene	11.66	112	450718	54.073	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	161825	55.889	ug/l	99
67) Ethyl Benzene	11.73	91	815632	53.537	ug/l	99
68) m/p-Xylenes	11.84	106	632571	109.126	ug/l	100
69) o-Xylene	12.16	106	298186	55.678	ug/l	100
70) Styrene	12.18	104	517419	56.268	ug/l	99
71) Bromoform	12.35	173	90987	57.276	ug/l #	99
73) Isopropylbenzene	12.46	105	816595	53.186	ug/l	99
74) N-amyl acetate	12.27	43	187393	55.806	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	140702	53.765	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	89366m	50.060	ug/l	
77) Bromobenzene	12.74	156	199925	54.935	ug/l	98
78) n-propylbenzene	12.80	91	951026	53.566	ug/l	99
79) 2-Chlorotoluene	12.89	91	531719	53.455	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	688238	53.949	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	47997	54.960	ug/l	100
82) 4-Chlorotoluene	12.99	91	553502	53.612	ug/l	100
83) tert-Butylbenzene	13.21	119	606233	53.509	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	678546	53.780	ug/l	99
85) sec-Butylbenzene	13.38	105	825860	52.757	ug/l	100
86) p-Isopropyltoluene	13.50	119	775429	53.914	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	382915	55.490	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	373918	55.313	ug/l	99
89) n-Butylbenzene	13.82	91	703706	54.162	ug/l	99
90) Hexachloroethane	14.09	117	131980	53.630	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	336845	55.287	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	22494	53.916	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	253024	58.761	ug/l	99
94) Hexachlorobutadiene	15.24	225	159860	55.866	ug/l	99
95) Naphthalene	15.36	128	451342	60.595	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	220116	58.459	ug/l	98

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

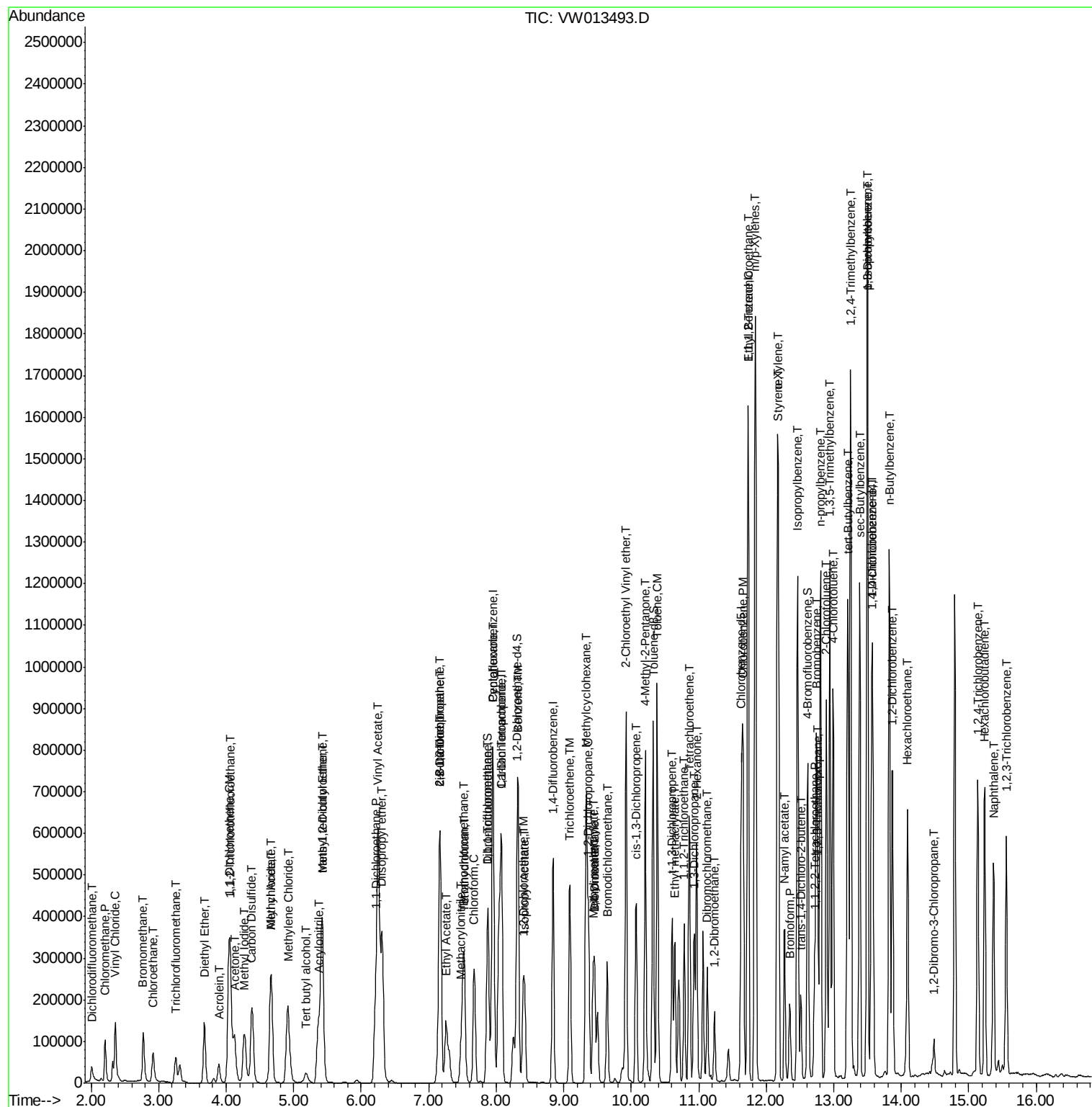
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100819\
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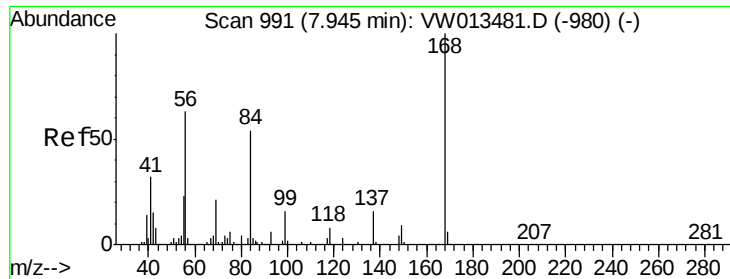
Instrument :
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 ClientSampleId :
 VSTDCCC050EC

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 335605

Ion Ratio Lower Upper

168 100

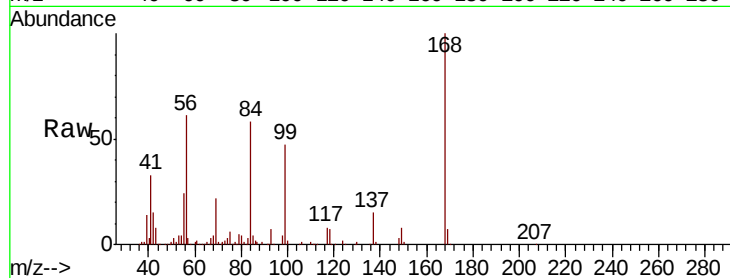
99 47.4 38.3 57.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

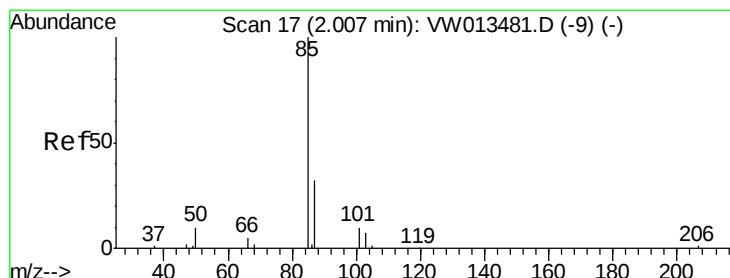
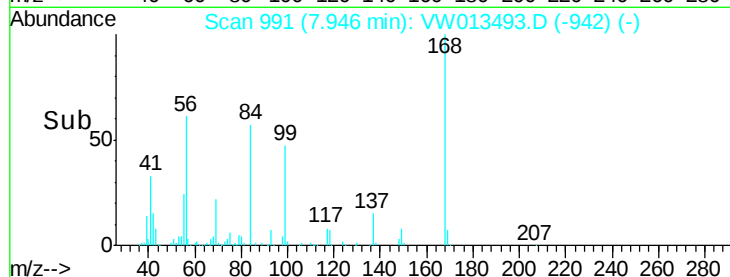
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 55.174 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW013493.D

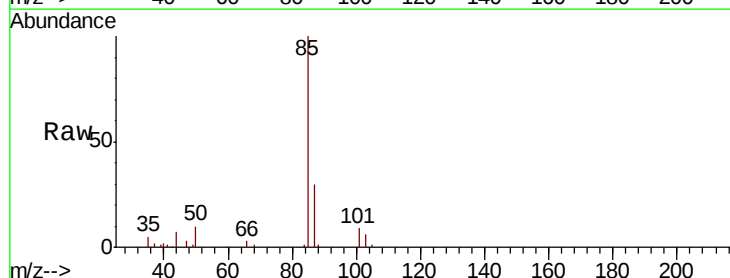
Acq: 08 Oct 2019 18:29

Tgt Ion: 85 Resp: 61335

Ion Ratio Lower Upper

85 100

87 29.8 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

25000

20000

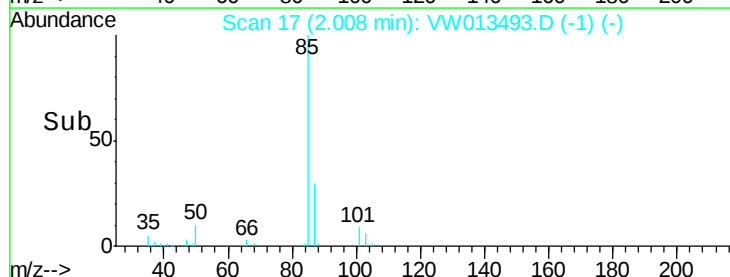
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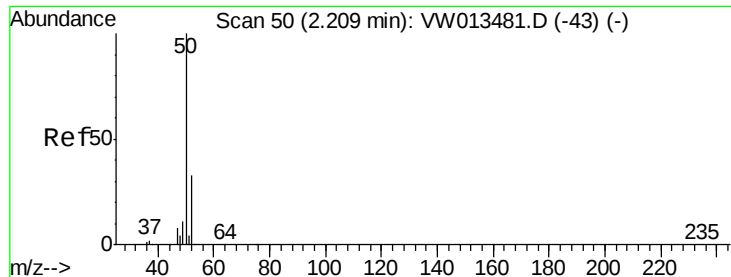
10000

5000

0

Time-->





#3

Chloromethane

Concen: 50.236 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 98162

Ion Ratio Lower Upper

50 100

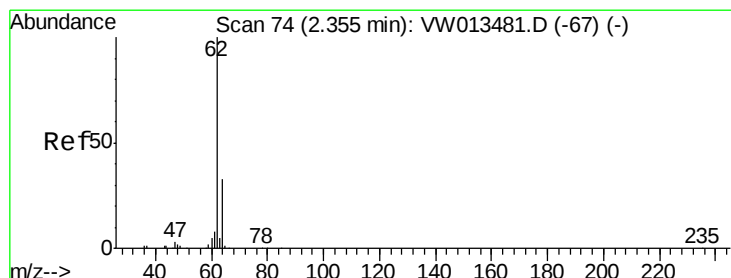
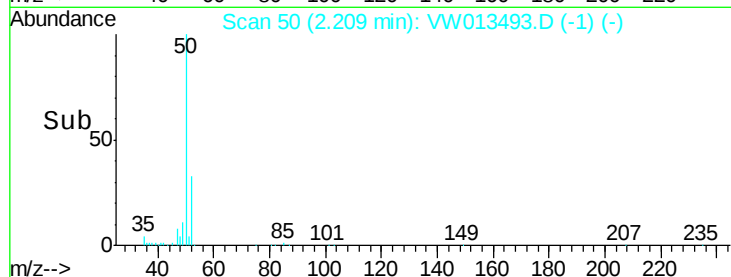
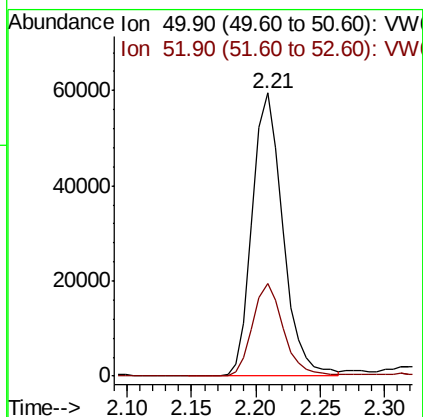
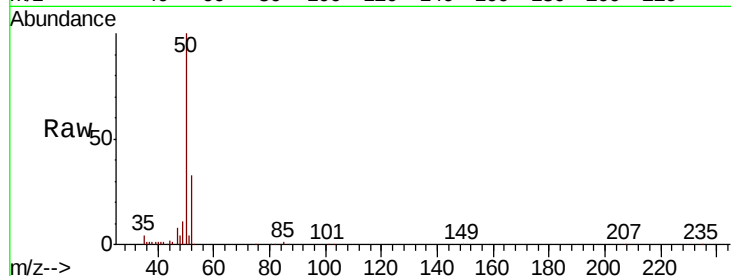
52 32.6 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 51.347 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW013493.D

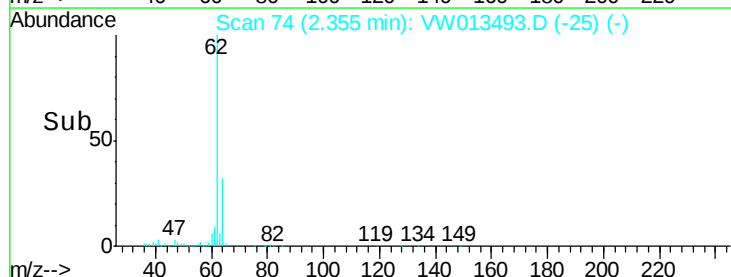
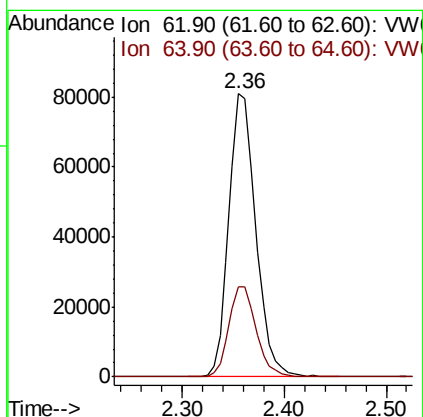
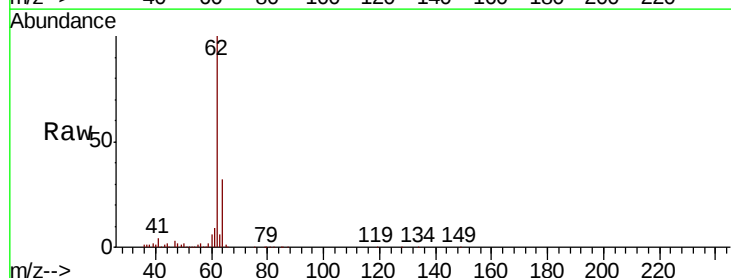
Acq: 08 Oct 2019 18:29

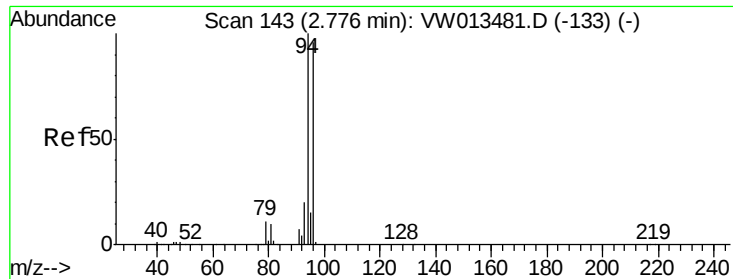
Tgt Ion: 62 Resp: 147995

Ion Ratio Lower Upper

62 100

64 31.8 26.6 39.8





#5

Bromomethane

Concen: 54.658 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 93998

Ion Ratio Lower Upper

94 100

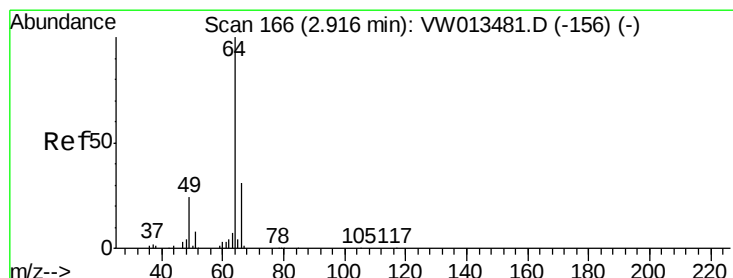
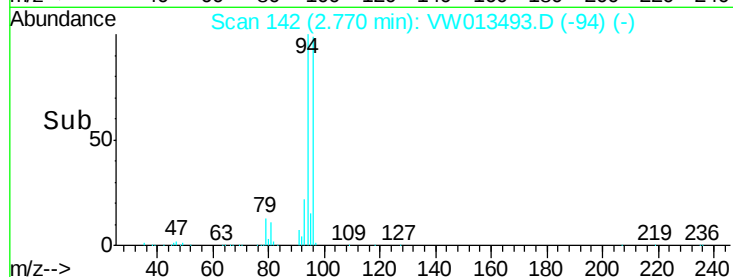
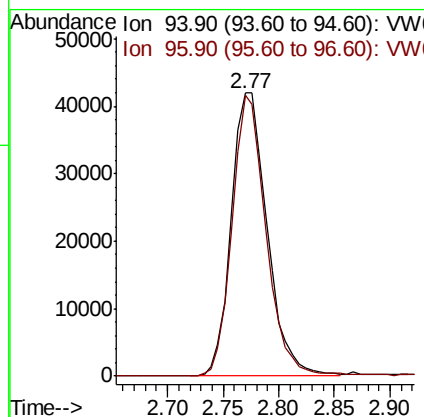
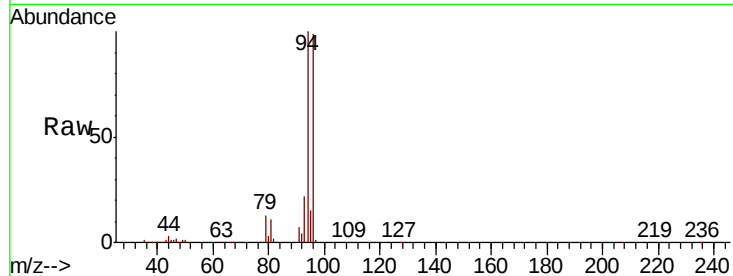
96 99.4 77.0 115.6

Manual Integrations

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#6

Chloroethane

Concen: 53.821 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW013493.D

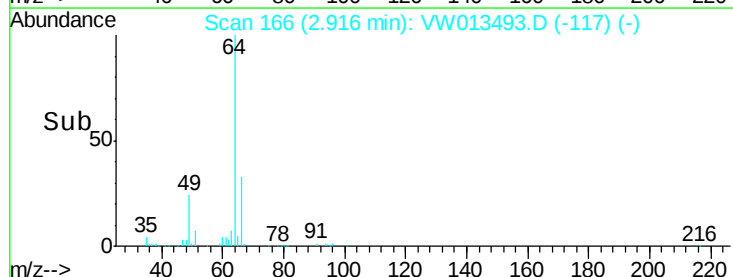
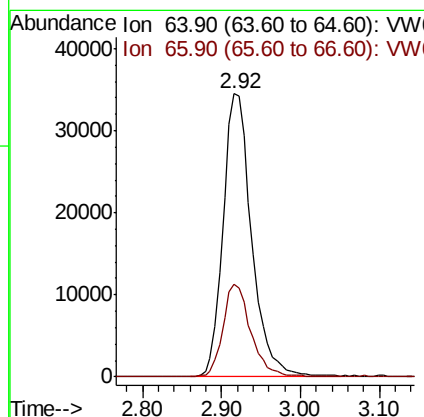
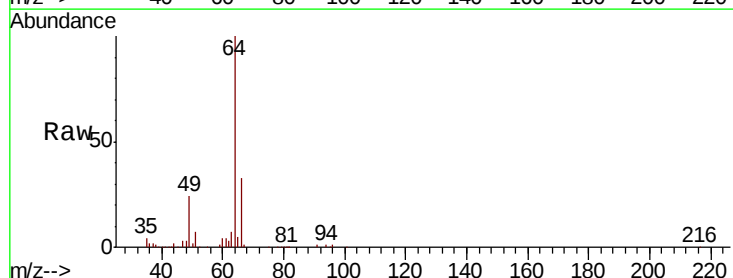
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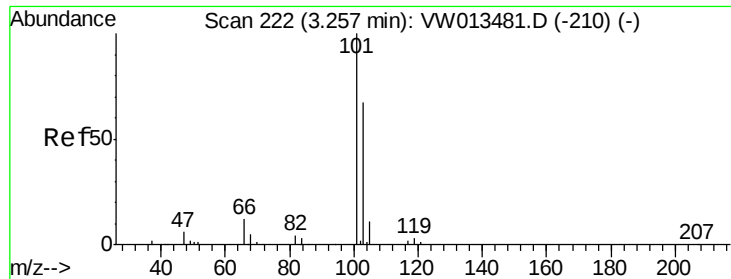
Tgt Ion: 64 Resp: 87118

Ion Ratio Lower Upper

64 100

66 32.6 25.0 37.4





#7

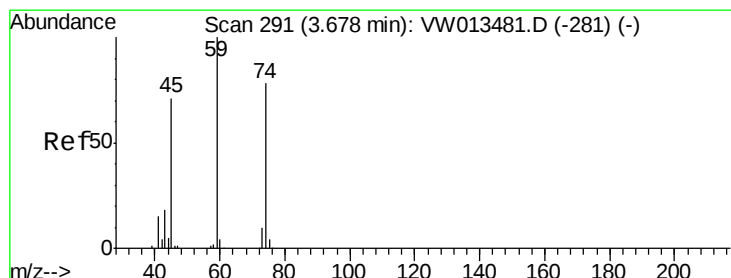
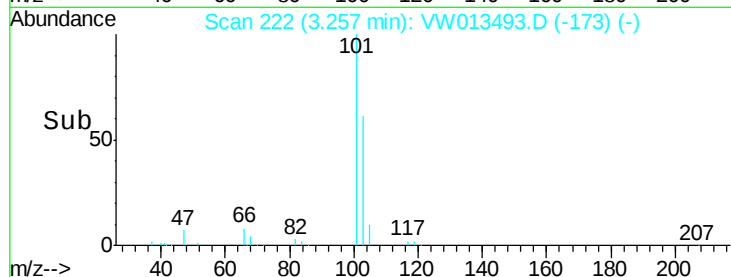
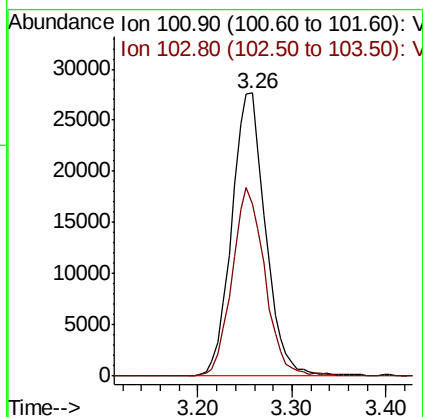
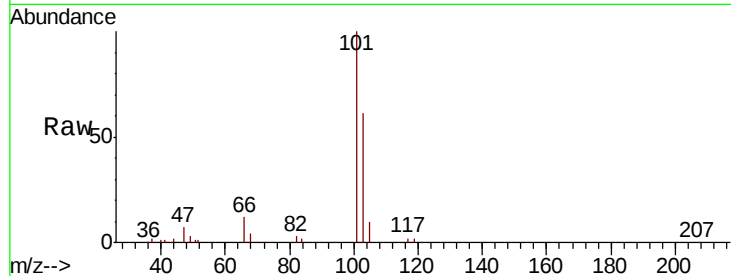
Trichlorofluoromethane
Concen: 50.382 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	60.8	53.7	80.5

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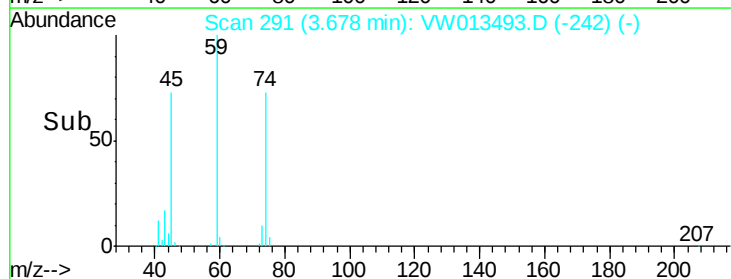
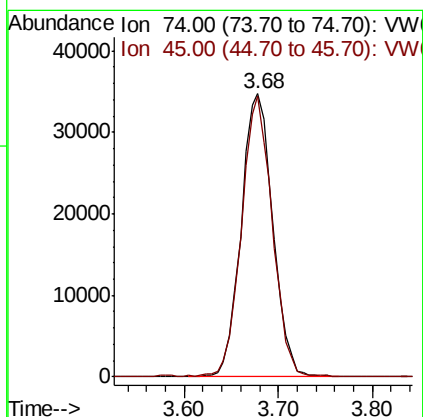
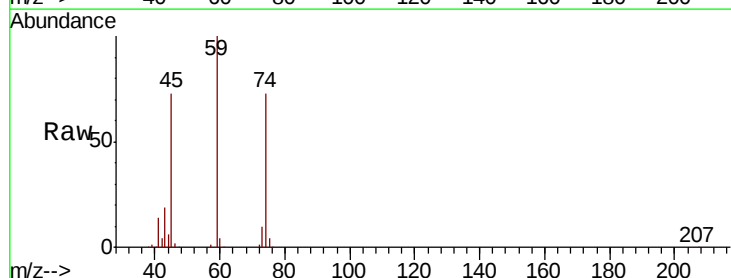
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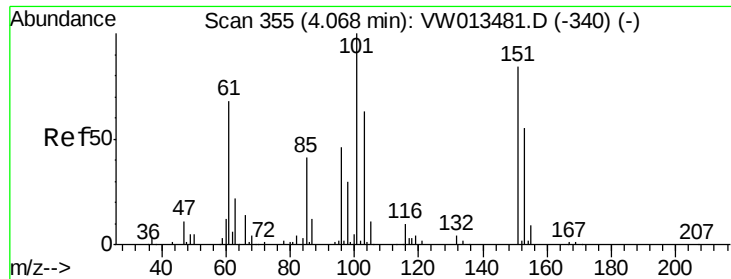


#8

Diethyl Ether
Concen: 57.777 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.0	50.0	150.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.336 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW013493.D

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MSVOA_W

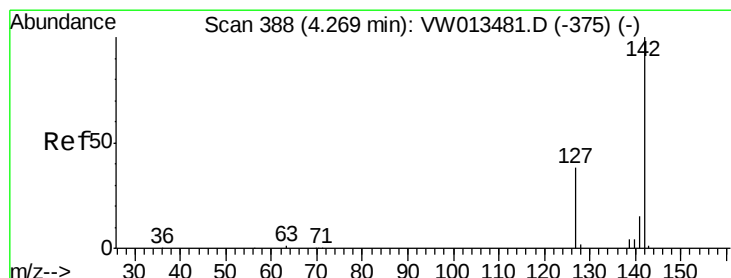
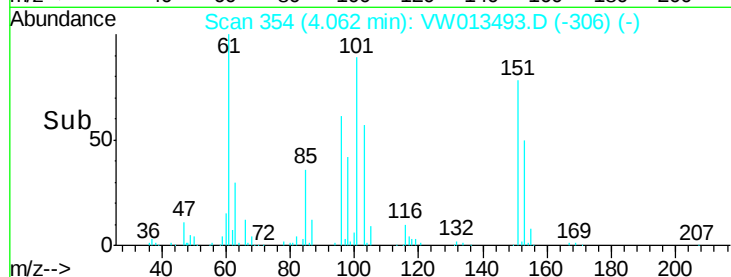
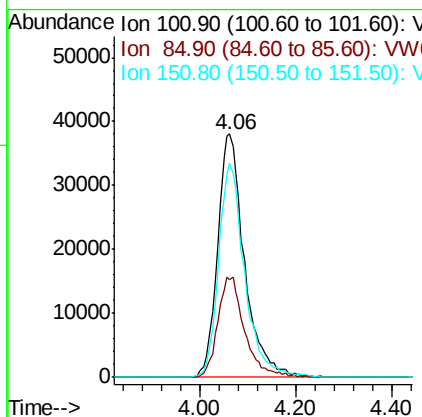
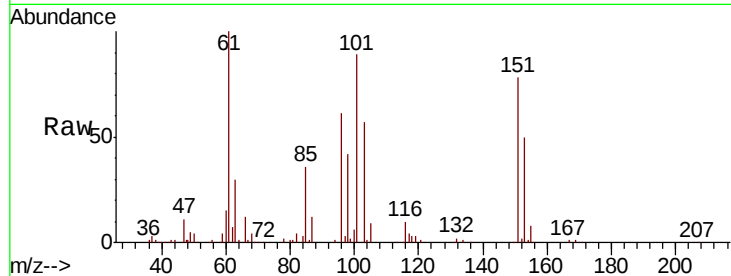
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	147096
Ion Ratio	Lower	Upper	
101	100		
85	41.1	31.6	47.4
151	85.9	67.5	101.3

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#10

Methyl Iodide

Concen: 54.910 ug/l

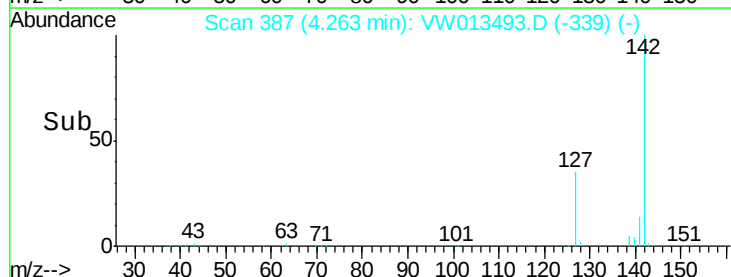
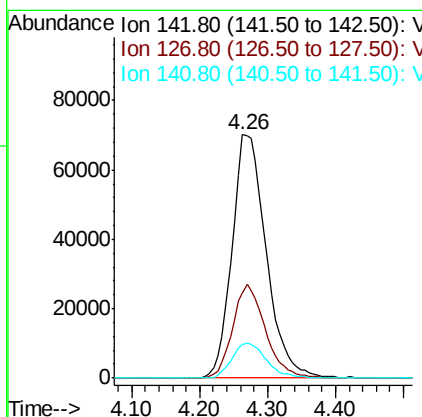
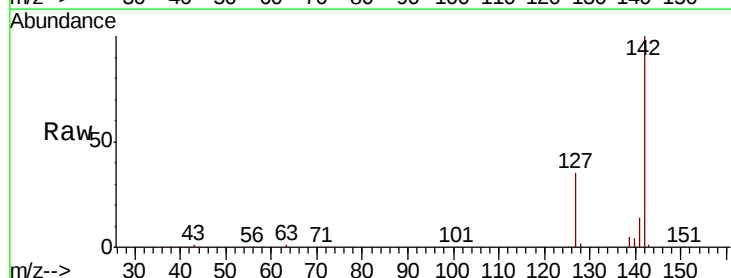
RT: 4.26 min Scan# 387

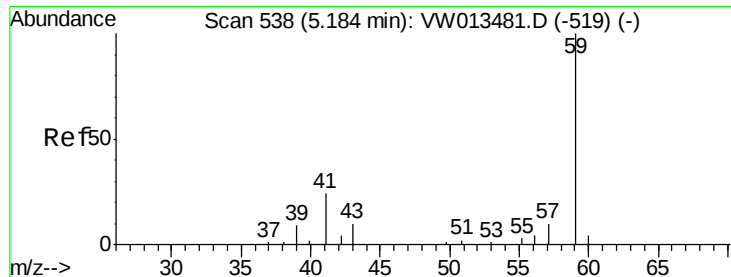
Delta R.T. -0.01 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Tgt Ion:	142	Resp:	244381
Ion Ratio	Lower	Upper	
142	100		
127	36.9	29.6	44.4
141	14.6	12.1	18.1





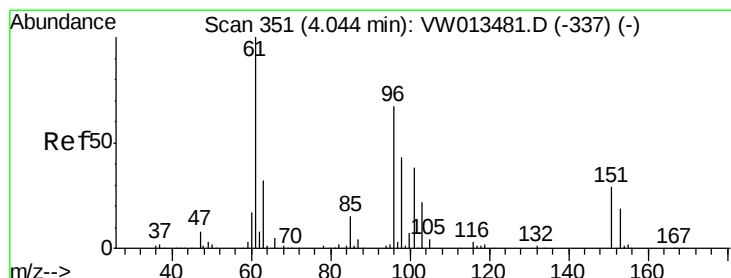
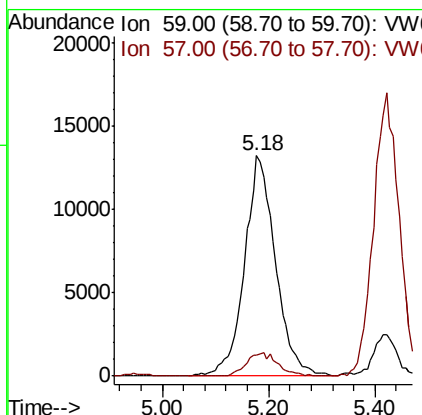
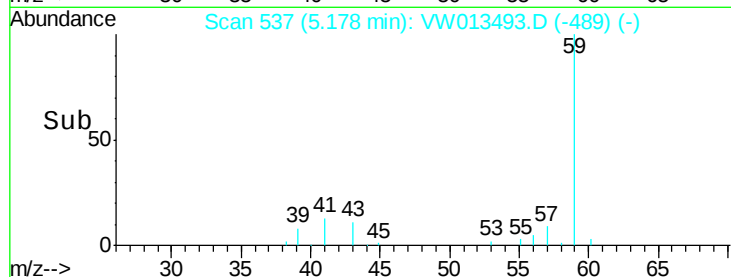
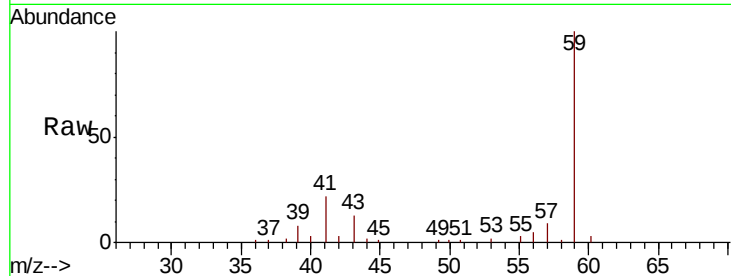
#11
Tert butyl alcohol
Concen: 292.316 ug/l
RT: 5.18 min Scan# 537
Delta R.T. -0.01 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
59	100	53290		
57	10.4		8.2	12.4

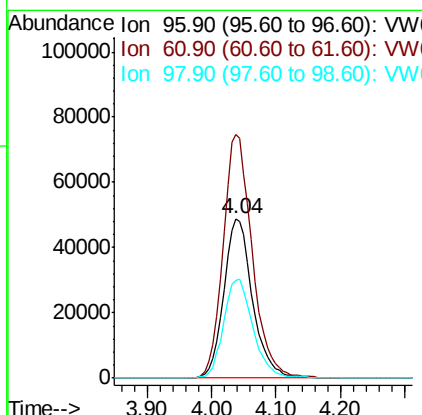
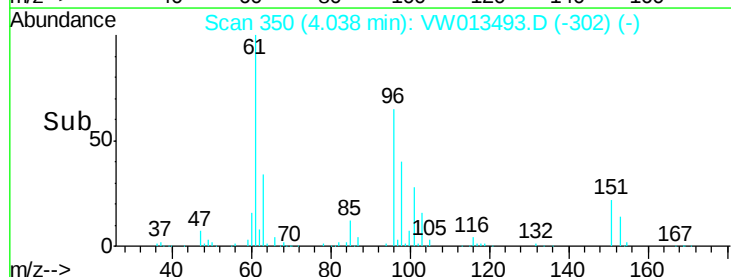
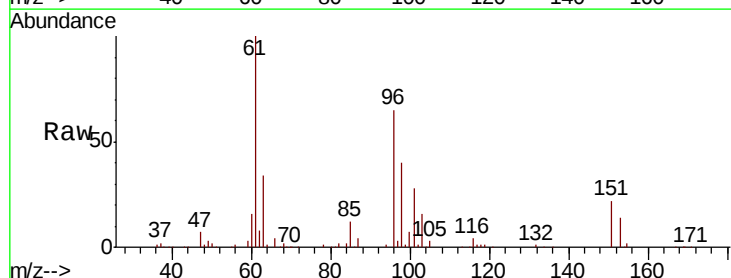
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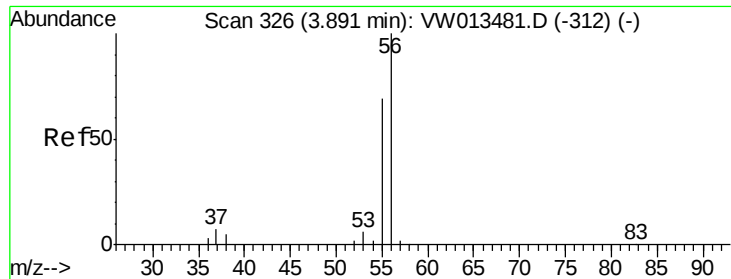
MMDadoda
10/9/2019 4:10:23 PM



#12
1,1-Dichloroethene
Concen: 52.697 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	153494		
61	152.9		119.4	179.0
98	61.8		51.1	76.7





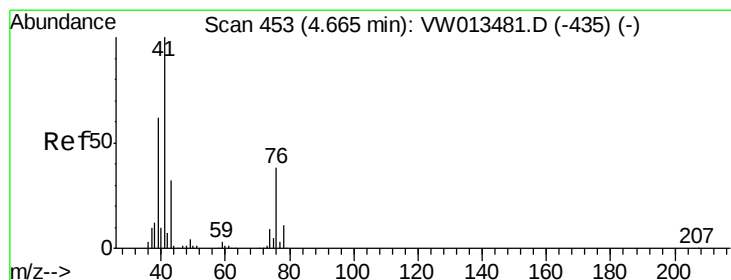
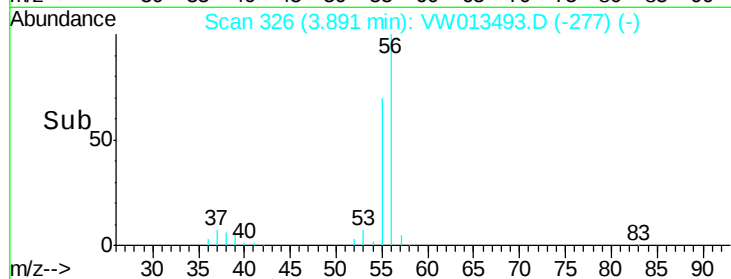
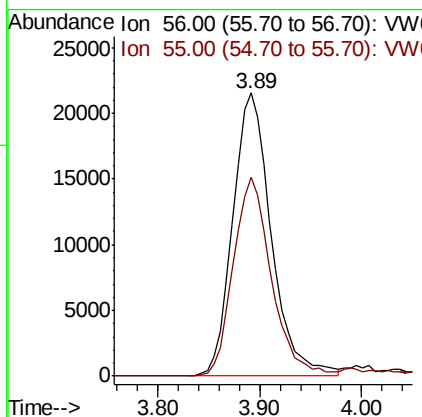
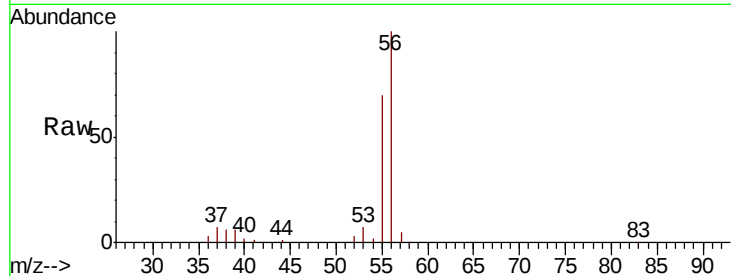
#13
Acrolein
Concen: 243.051 ug/l
RT: 3.89 min Scan# 326
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	56408
Ion Ratio	100	Lower	Upper
55	69.6	55.9	83.9

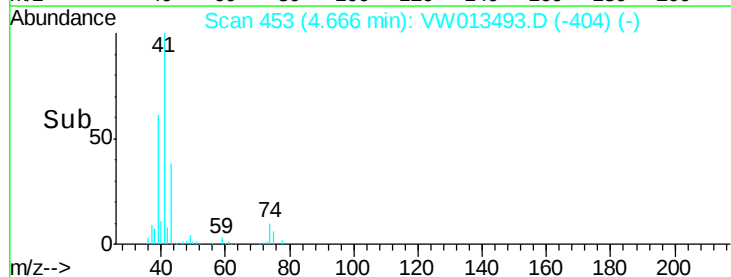
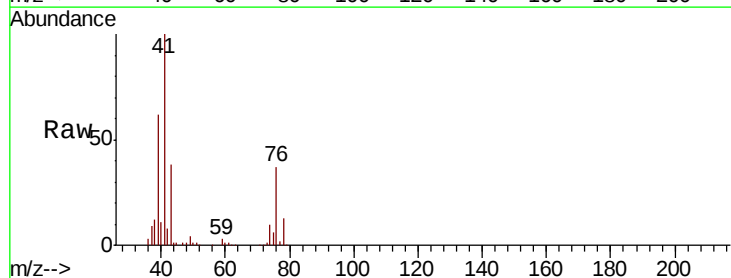
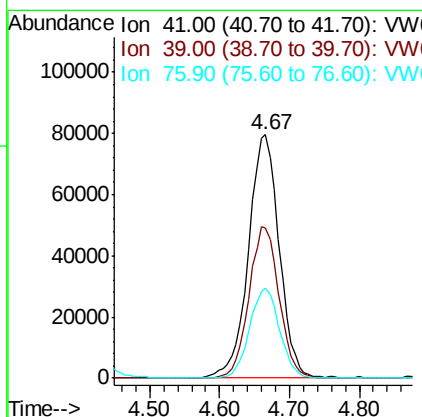
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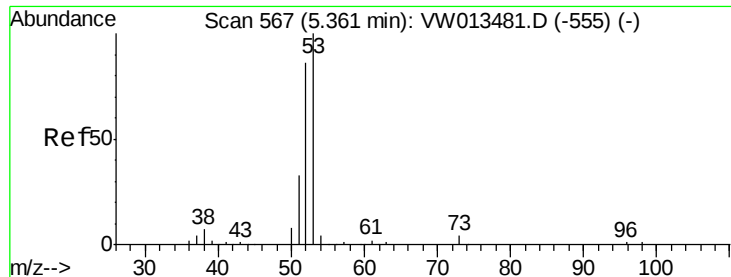
MMDadoda
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#14
Allyl chloride
Concen: 54.353 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Tgt Ion	41	Resp	243297
Ion Ratio	100	Lower	Upper
39	60.9	50.1	75.1
76	36.1	29.0	43.4





#15

Acrylonitrile

Concen: 279.822 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Instrument :

MSVOA_W

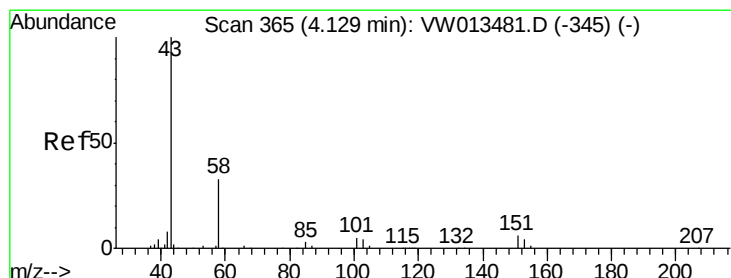
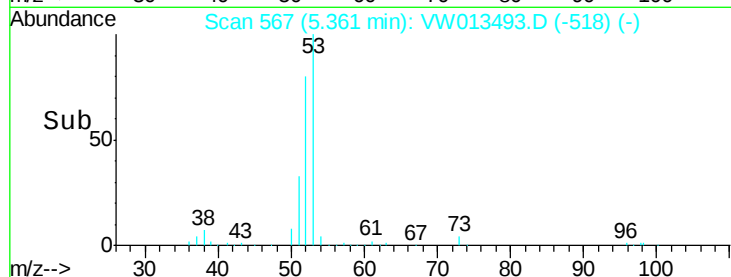
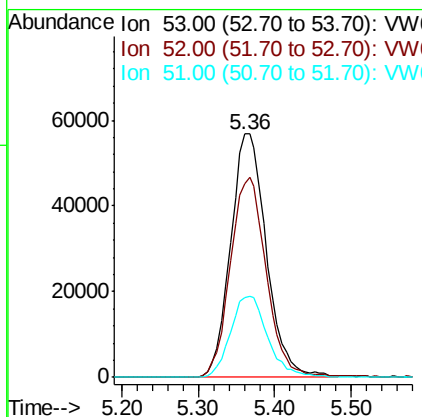
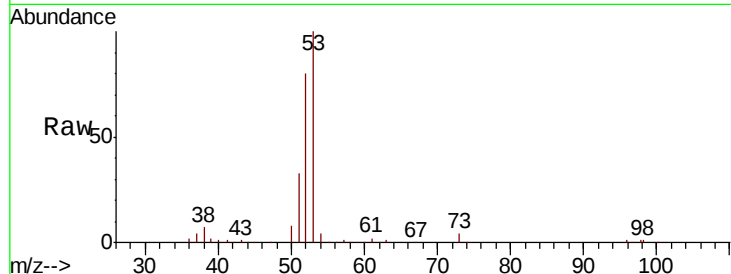
ClientSampleId :

VSTDCCC050EC

Tot Ion	53	Resp	184602
Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.8	98.8
51	34.5	28.6	42.8

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#16

Acetone

Concen: 270.230 ug/l

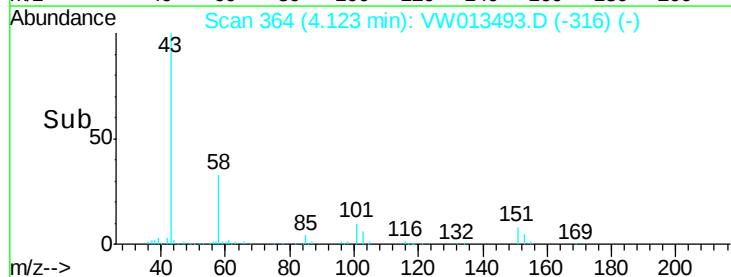
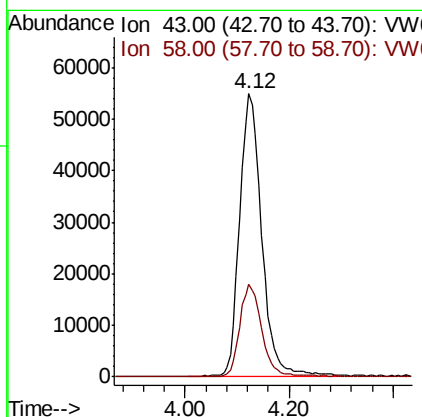
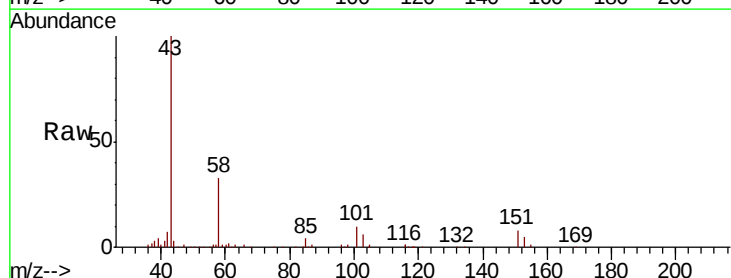
RT: 4.12 min Scan# 364

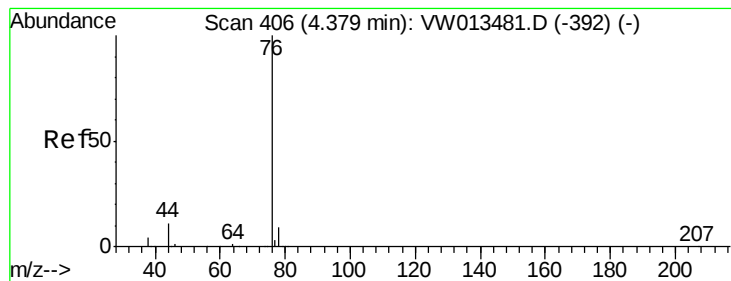
Delta R.T. -0.01 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Tgt Ion	43	Resp	163052
Ion	Ratio	Lower	Upper
43	100		
58	32.7	26.1	39.1





#17

Carbon Disulfide

Concen: 52.788 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 431596

Ion Ratio Lower Upper

76 100

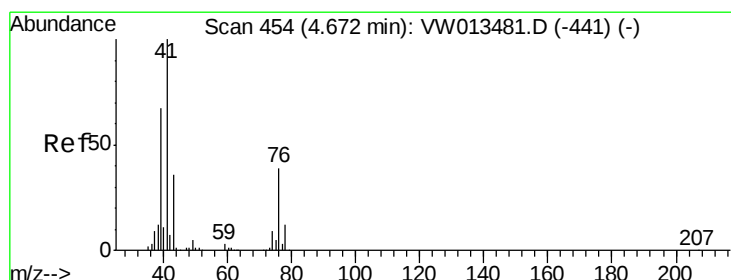
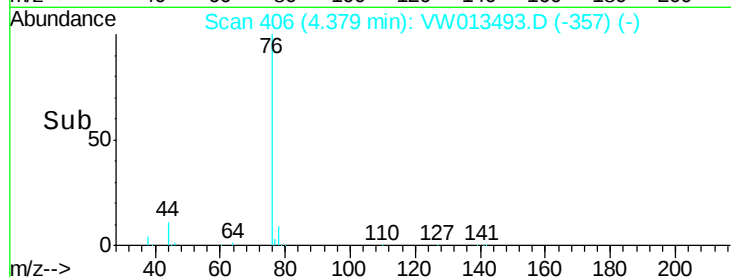
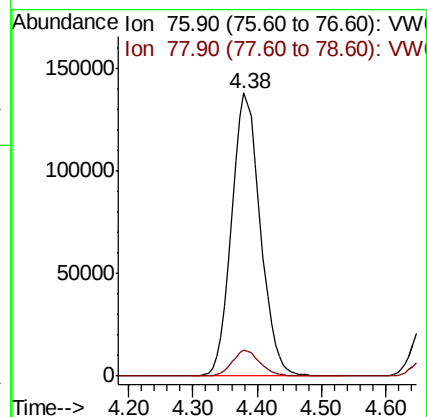
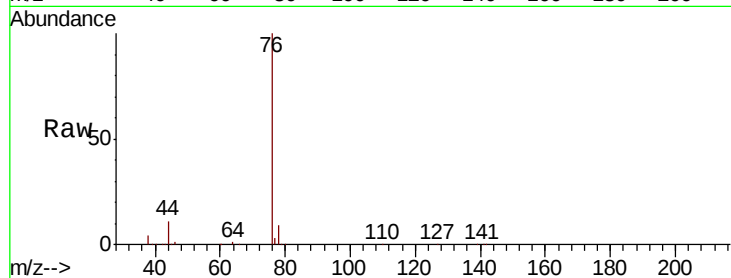
78 9.0 7.1 10.7

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#18

Methyl Acetate

Concen: 51.845 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW013493.D

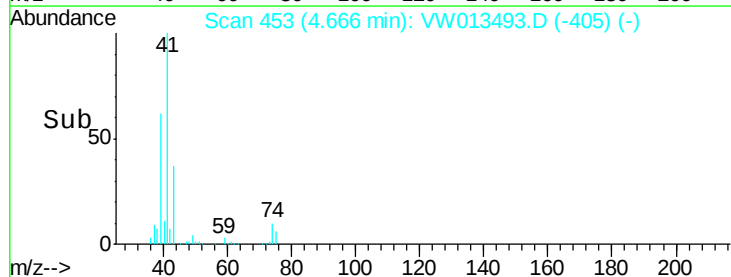
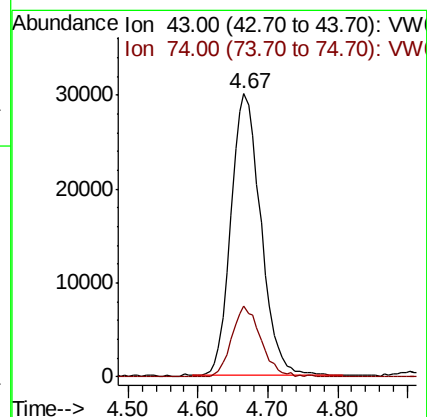
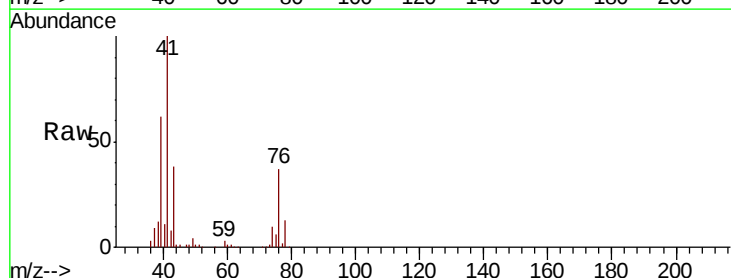
Acq: 08 Oct 2019 18:29

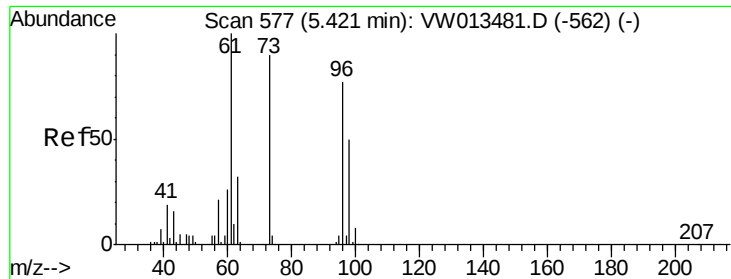
Tgt Ion: 43 Resp: 89609

Ion Ratio Lower Upper

43 100

74 24.3 19.6 29.4





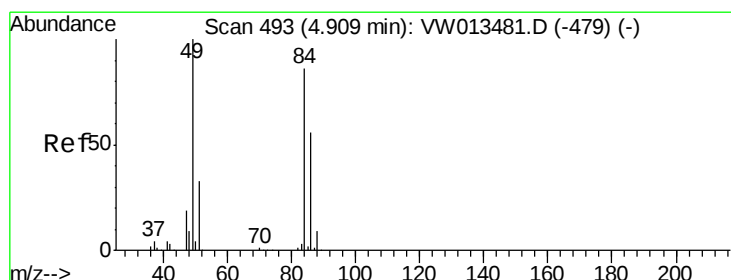
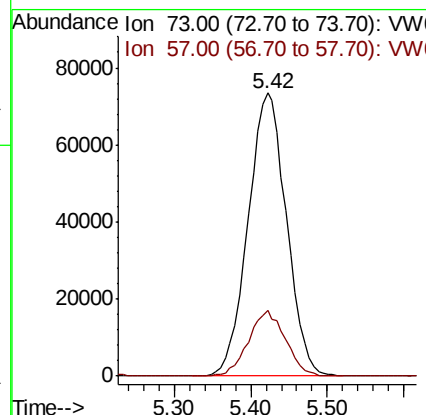
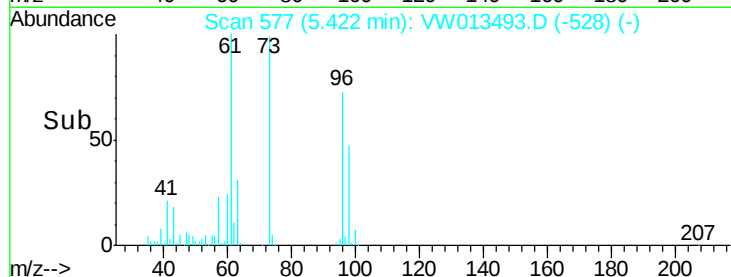
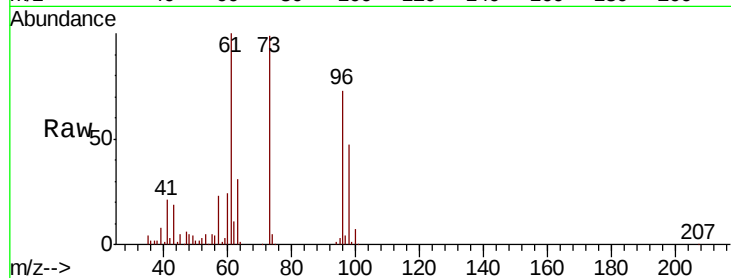
#19
Methvl tert-butvl Ether
Concen: 58.155 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.1	18.6	27.8

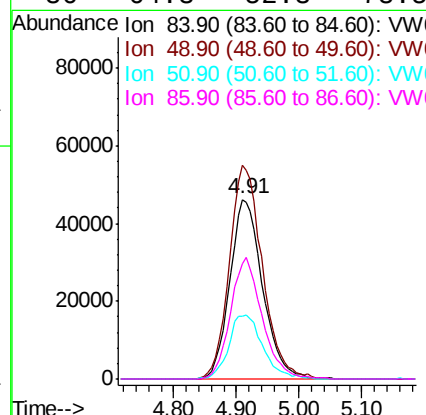
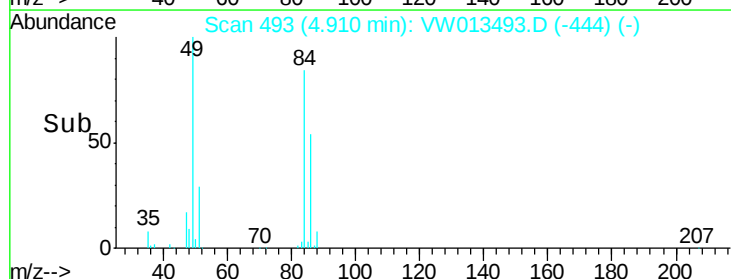
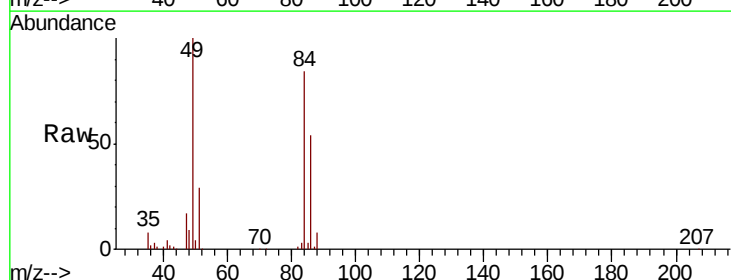
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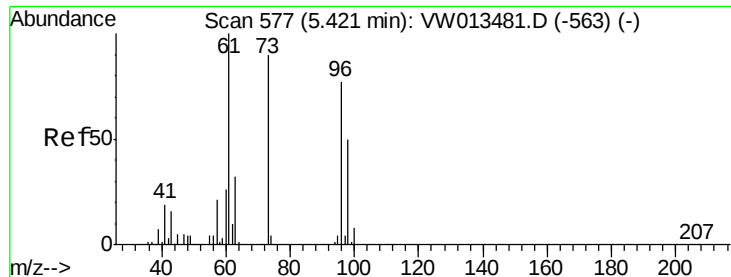
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#20
Methylene Chloride
Concen: 57.772 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.8	93.4	140.0
51	35.1	30.6	46.0
86	64.3	52.3	78.5





#21

trans-1,2-Dichloroethene

Concen: 53.881 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Instrument :

MSVOA_W

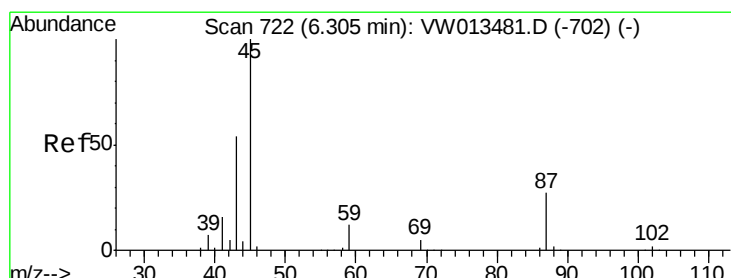
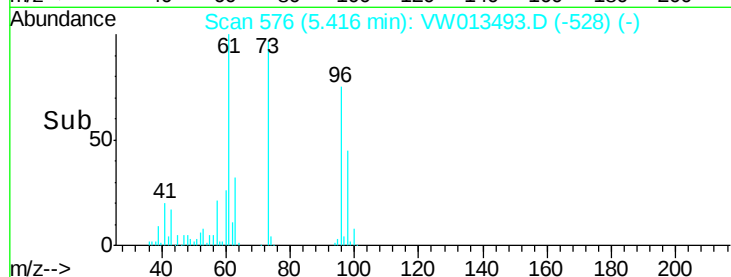
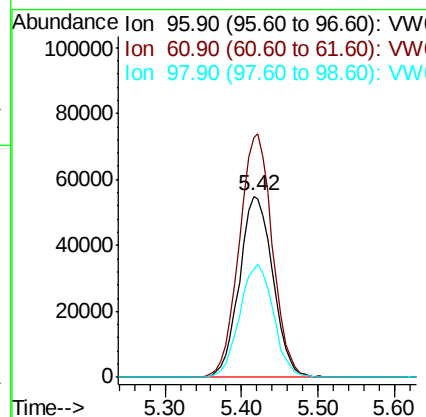
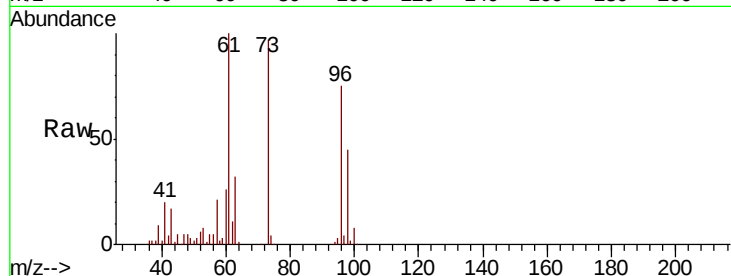
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	166769
Ion	Ratio	Lower	Upper
96	100		
61	132.5	104.3	156.5
98	59.6	51.8	77.8

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#22

Diisopropyl ether

Concen: 57.312 ug/l

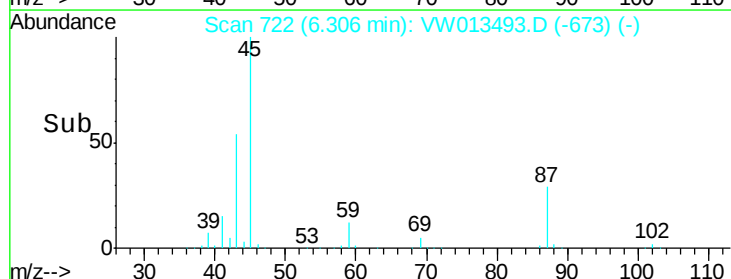
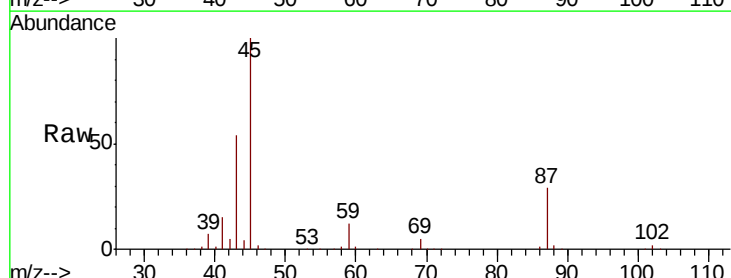
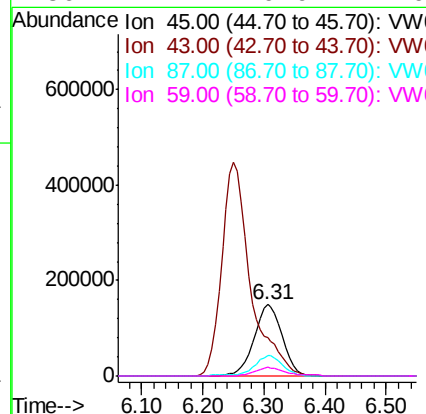
RT: 6.31 min Scan# 722

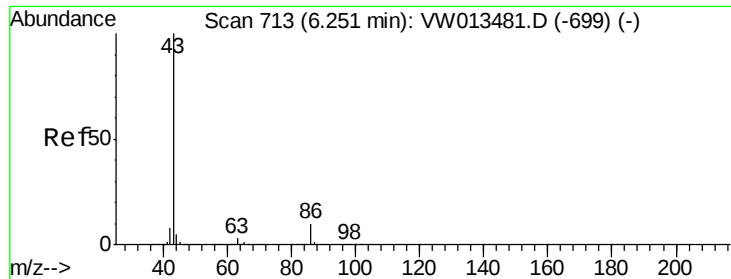
Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Tgt Ion:	45	Resp:	480662
Ion	Ratio	Lower	Upper
45	100		
43	53.9	43.4	65.0
87	28.8	22.1	33.1
59	12.2	9.9	14.9





#23

Vinyl Acetate

Concen: 291.258 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1466524

Ion Ratio Lower Upper

43 100

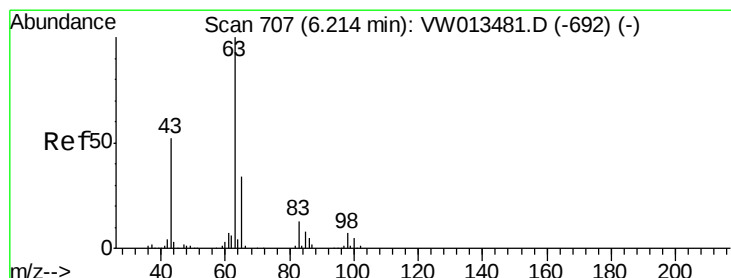
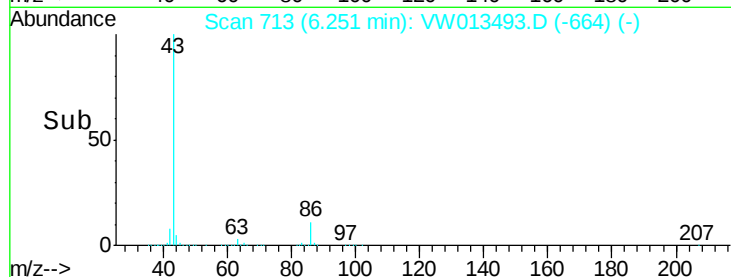
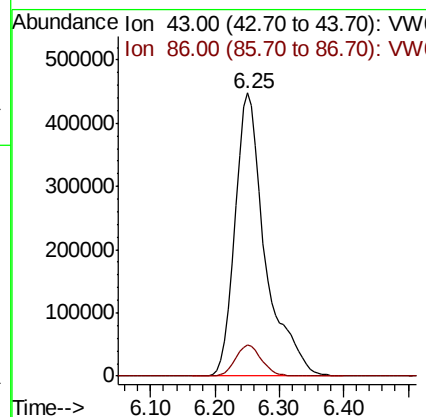
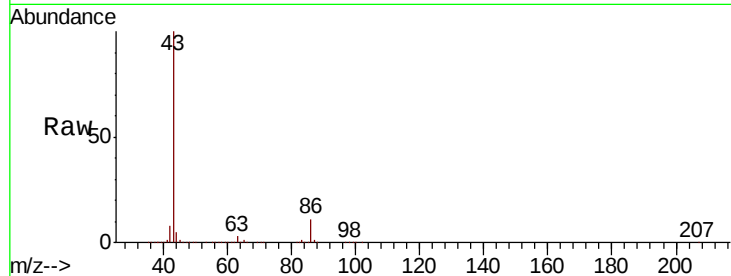
86 11.0 8.3 12.5

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#24

1,1-Dichloroethane

Concen: 55.246 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

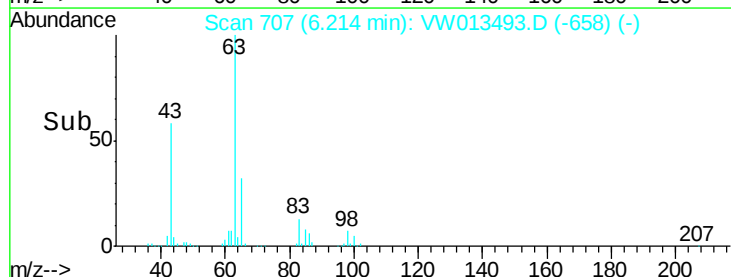
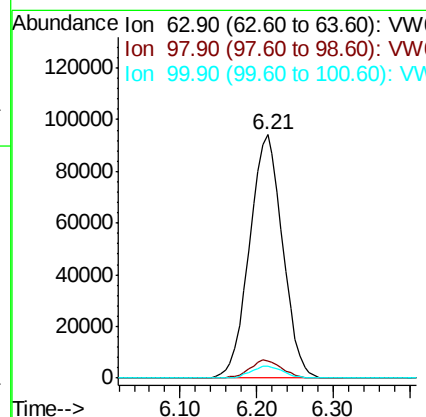
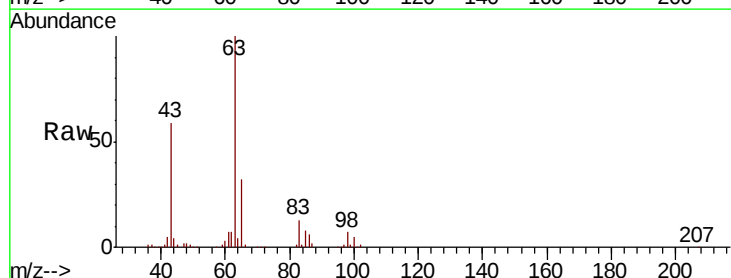
Tgt Ion: 63 Resp: 283194

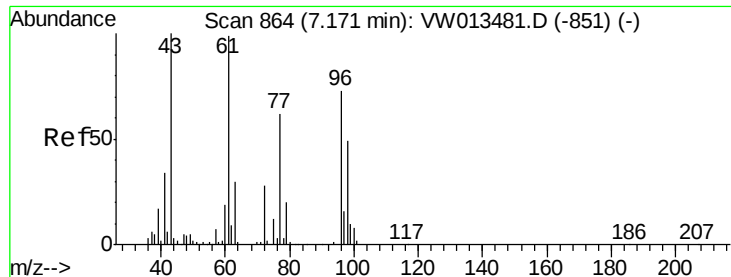
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.6

100 4.7 2.3 6.8





#25

2-Butanone

Concen: 264.069 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 234820

Ion Ratio Lower Upper

43 100

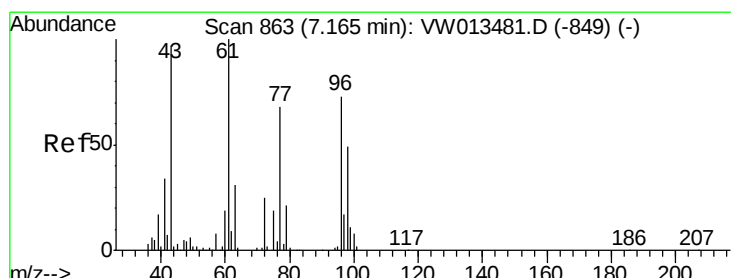
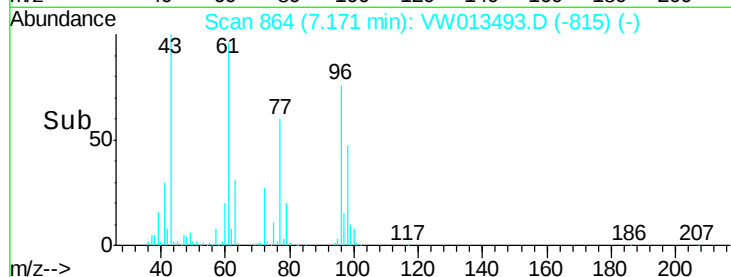
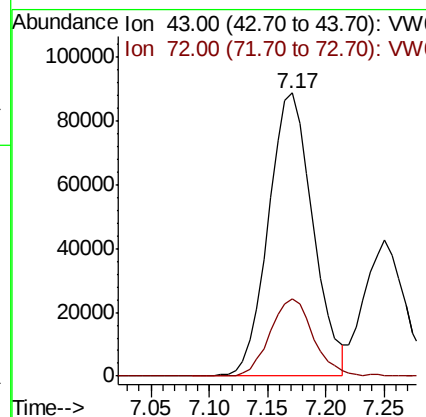
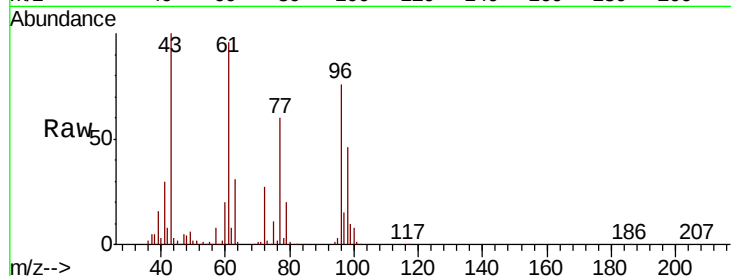
72 27.2 22.1 33.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 50.106 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW013493.D

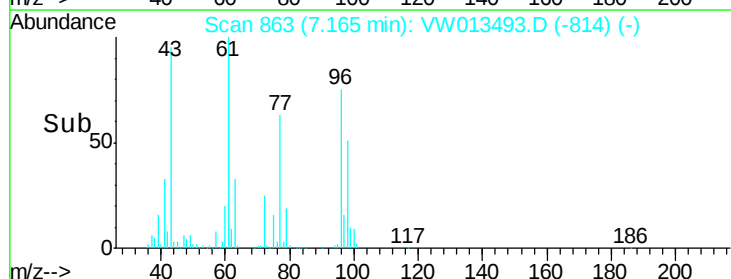
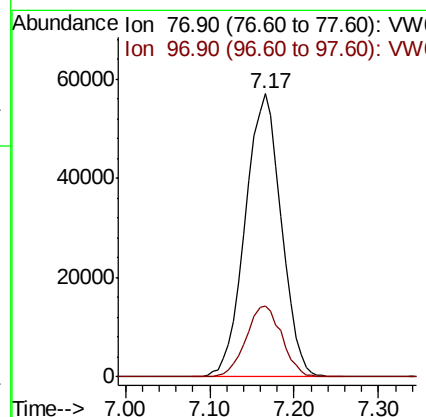
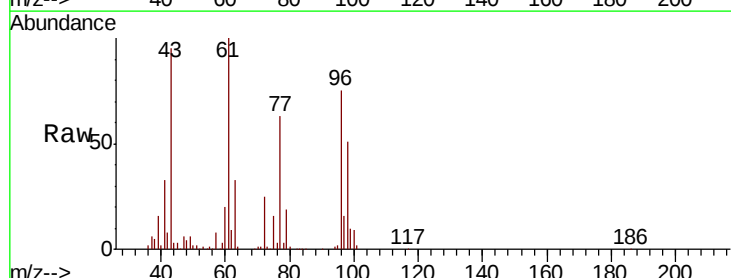
Acq: 08 Oct 2019 18:29

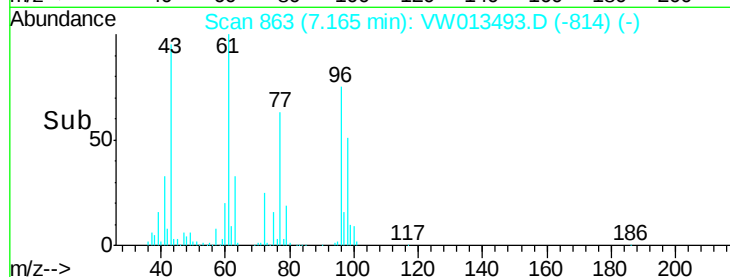
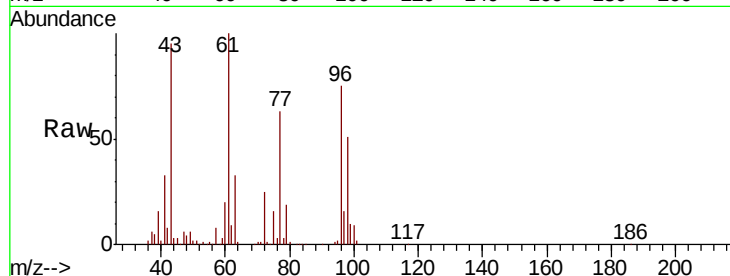
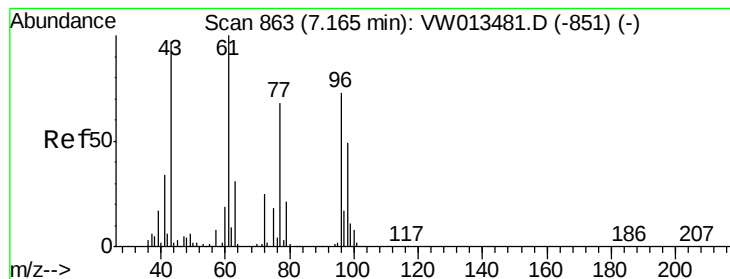
Tgt Ion: 77 Resp: 165578

Ion Ratio Lower Upper

77 100

97 24.7 12.6 37.6





#27

cis-1,2-Dichloroethene

Concen: 55.409 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Tot Ion:	96	Resp:	181466
Ion	Ratio	Lower	Upper
96	100		
61	135.7	0.0	274.4
98	64.6	0.0	130.2

Instrument :

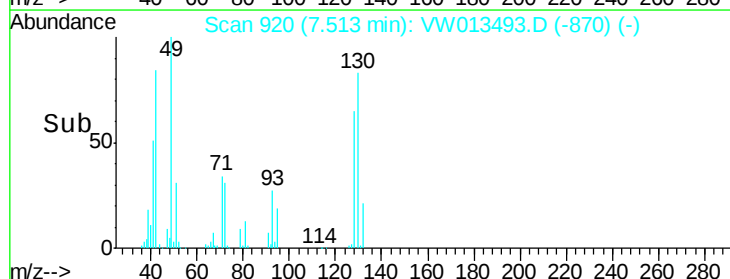
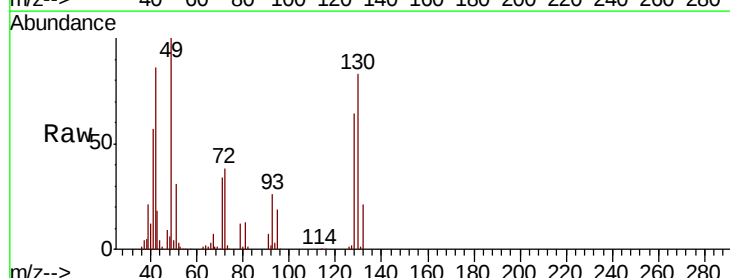
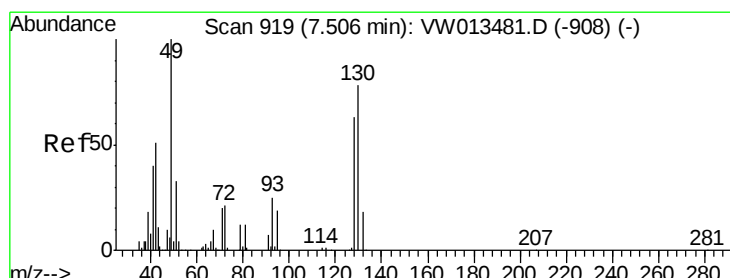
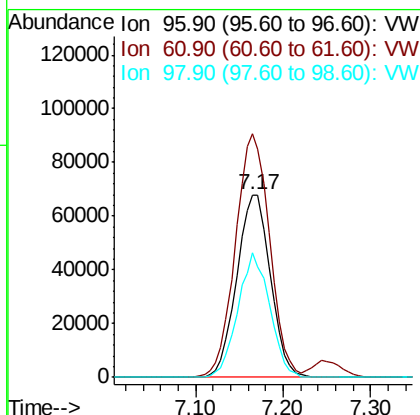
MSVOA_W

ClientSampleId :

VSTDCCC050EC

Manual Integrations
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#28

Bromochloromethane

Concen: 53.660 ug/l

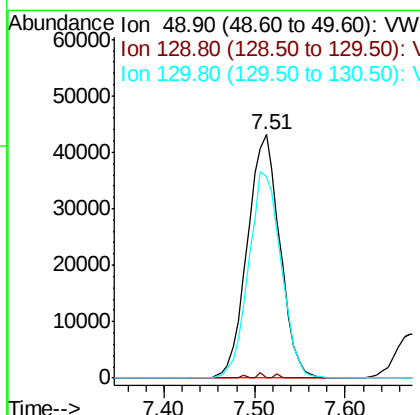
RT: 7.51 min Scan# 920

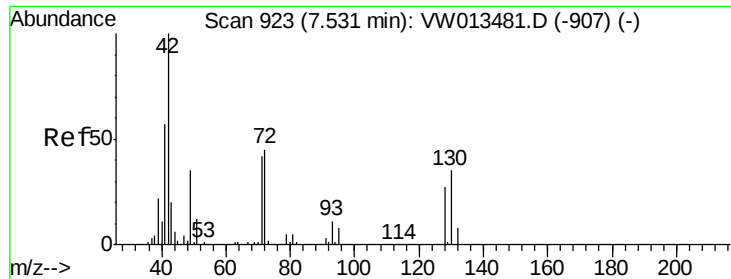
Delta R.T. 0.01 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Tgt Ion:	49	Resp:	106856
Ion	Ratio	Lower	Upper
49	100		
129	0.4	0.0	1.6
130	84.5	0.0	0.0#





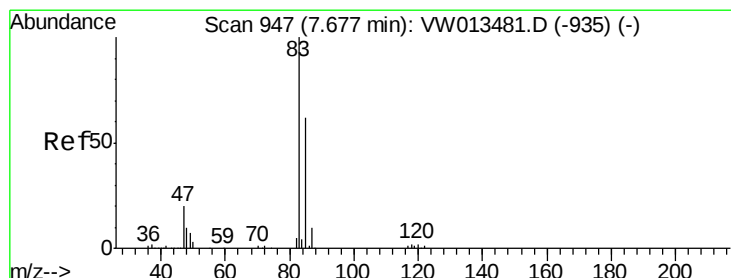
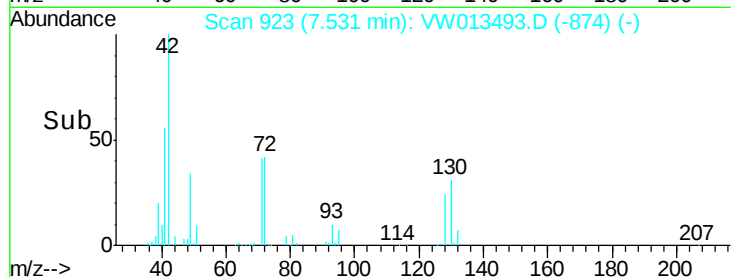
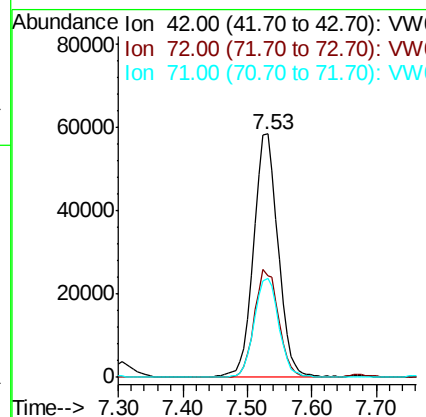
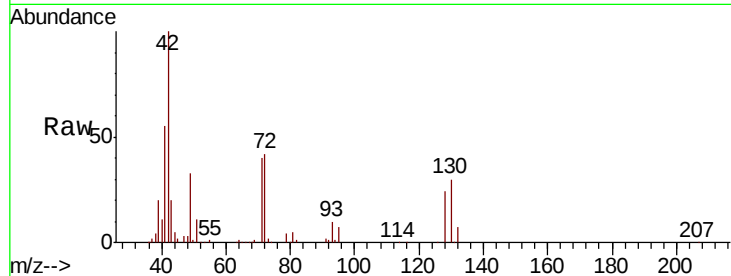
#29
Tetrahydrofuran
Concen: 279.543 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.6	34.8	52.2
71	40.7	33.6	50.4

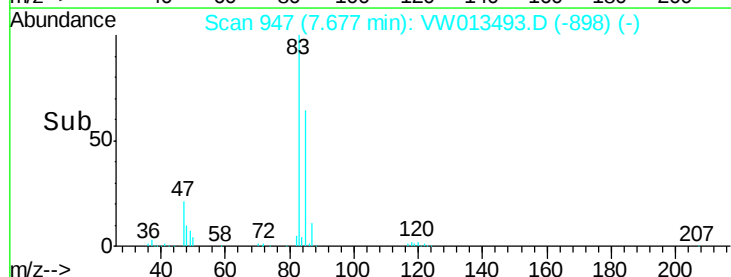
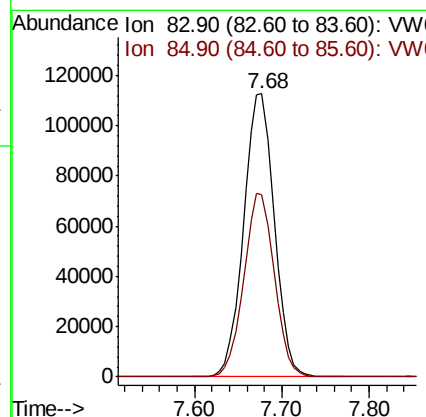
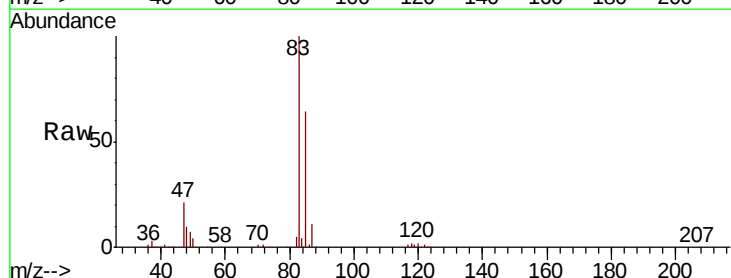
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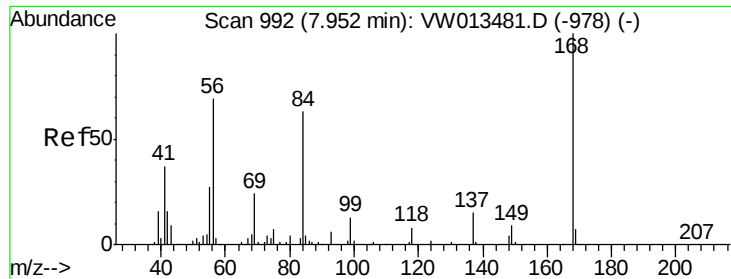
MMDadoda
10/9/2019 4:10:23 PM



#30
Chloroform
Concen: 55.323 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	49.4	74.2





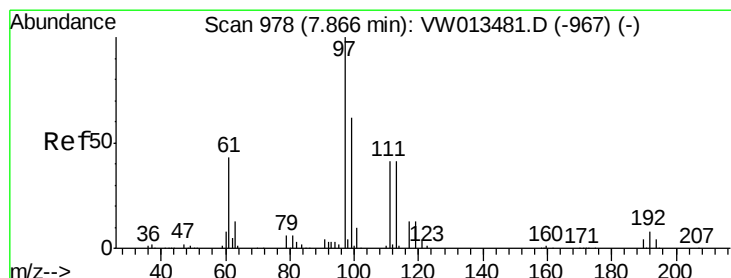
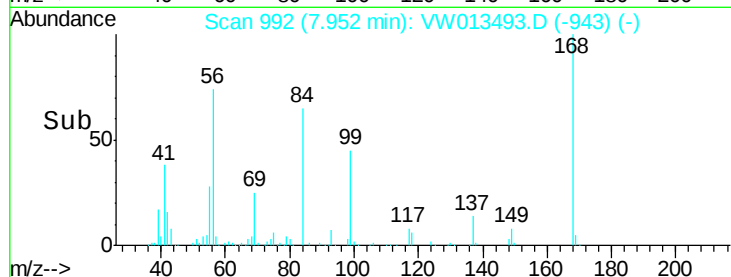
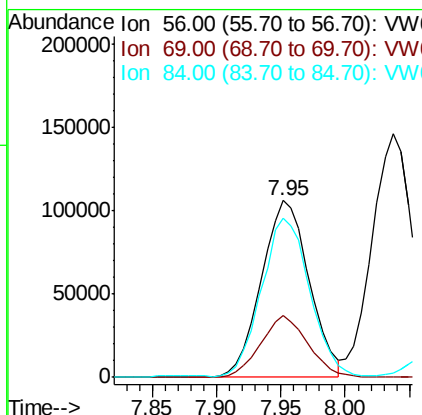
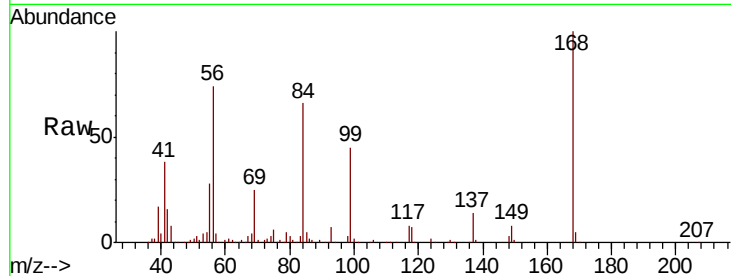
#31
Cyclohexane
Concen: 50.452 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.7	28.0	42.0
84	89.4	71.8	107.6

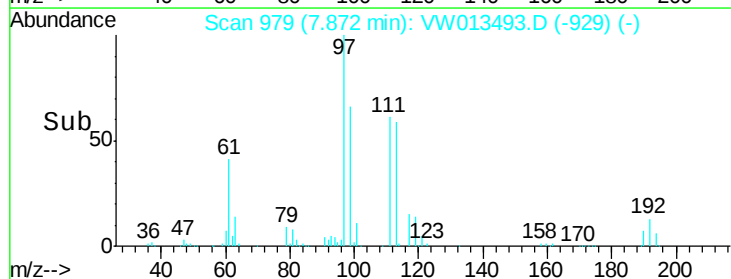
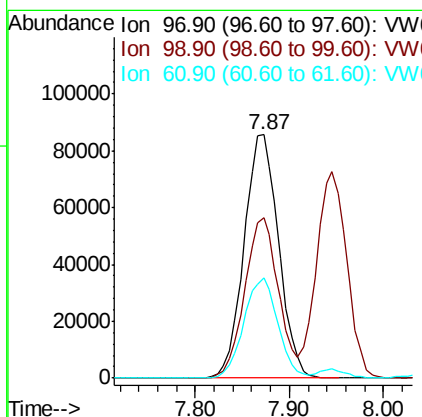
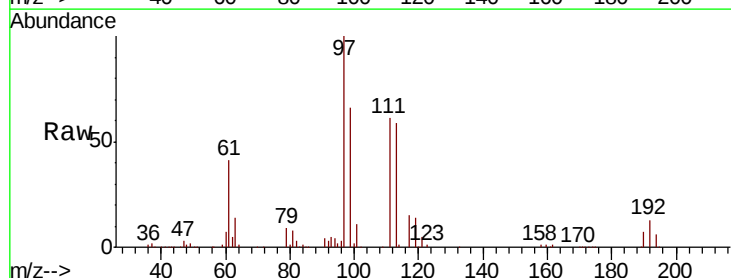
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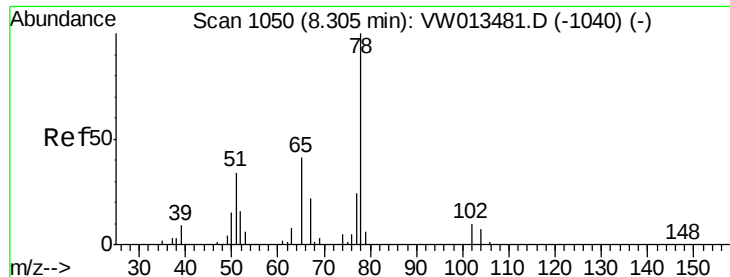
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#32
1,1,1-Trichloroethane
Concen: 54.550 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.01 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	52.3	78.5
61	40.8	33.7	50.5





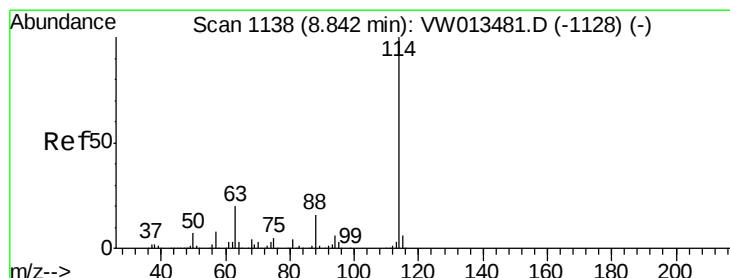
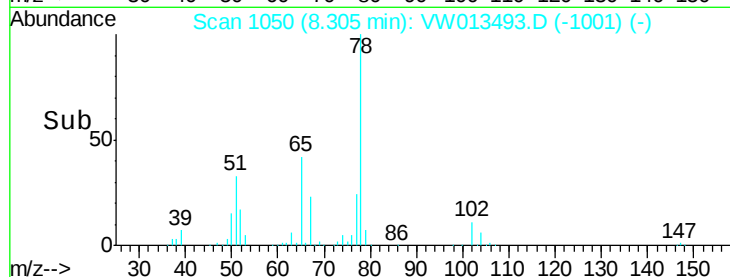
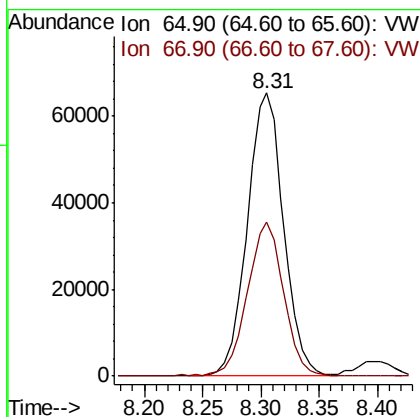
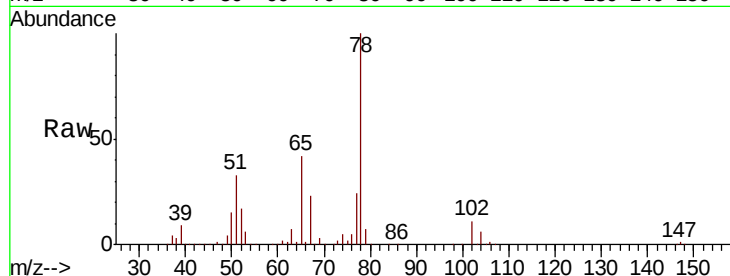
#33
 1,2-Dichloroethane-d4
 Concen: 54.711 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW013493.D
 Acq: 08 Oct 2019 18:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	141860		
67	54.5	0.0	109.4	

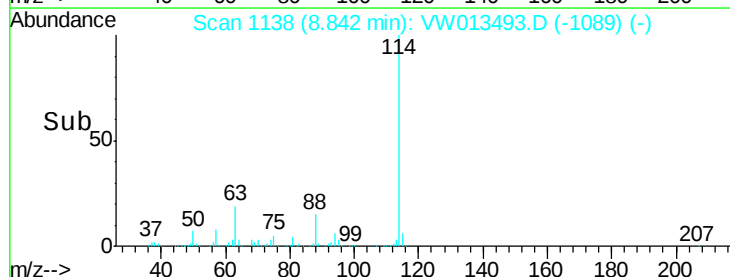
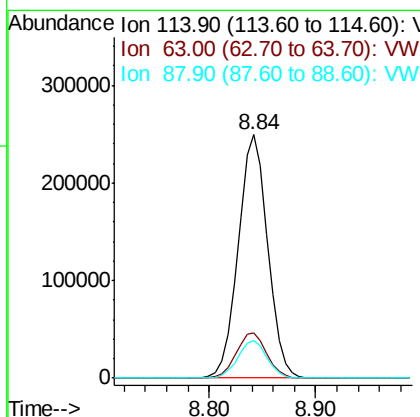
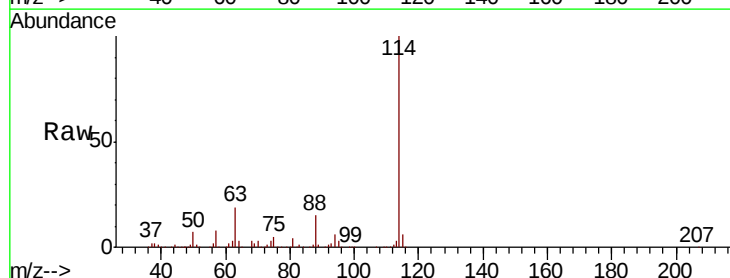
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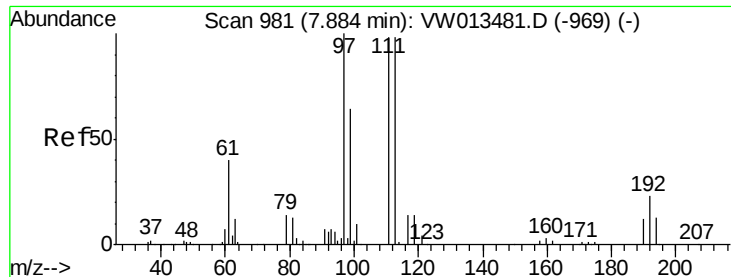
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 10/9/2019 4:10:23 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013493.D
 Acq: 08 Oct 2019 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	483980		
63	18.5	0.0	40.4	
88	15.4	0.0	31.4	





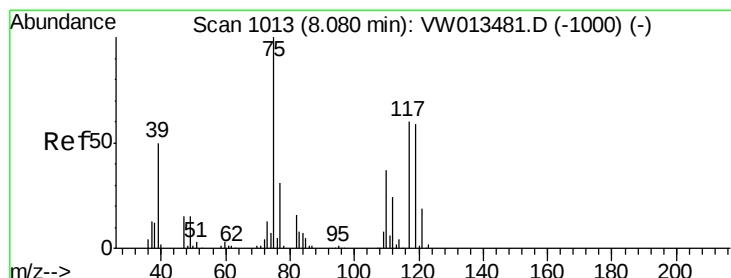
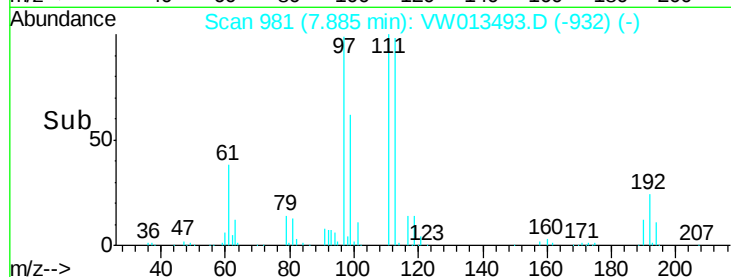
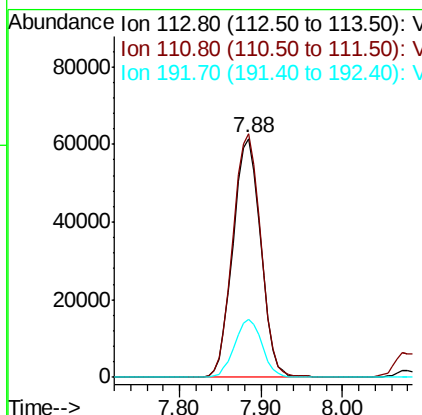
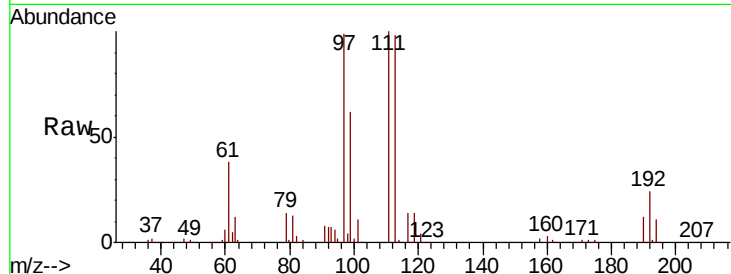
#35
 Dibromofluoromethane
 Concen: 53.514 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW013493.D
 Acq: 08 Oct 2019 18:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	144656		
111	102.5	82.3	123.5	
192	24.1	19.3	28.9	

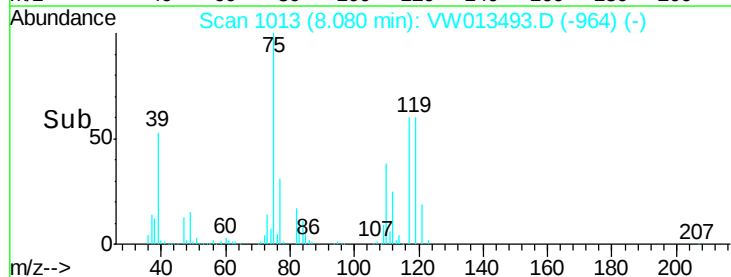
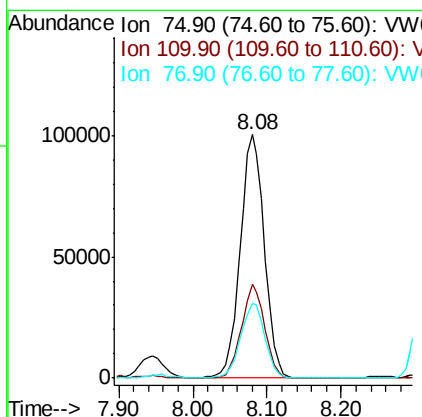
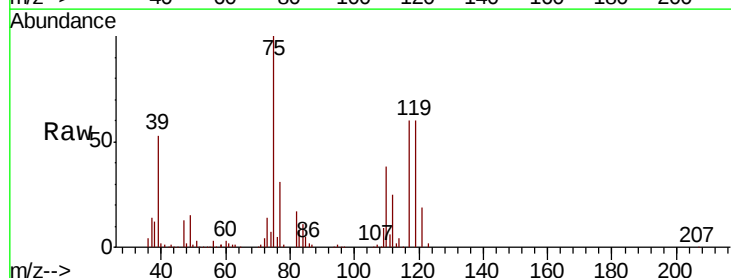
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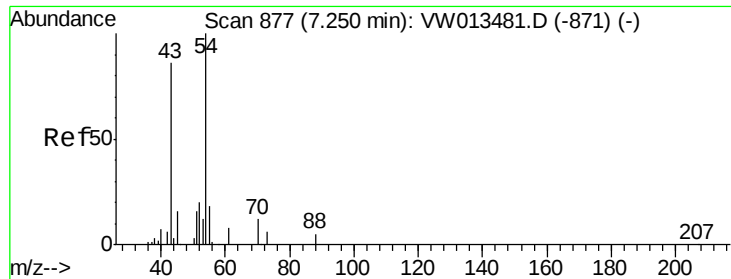
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#36
 1,1-Dichloropropene
 Concen: 51.945 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW013493.D
 Acq: 08 Oct 2019 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	227426		
110	36.9	18.4	55.2	
77	31.1	25.0	37.4	





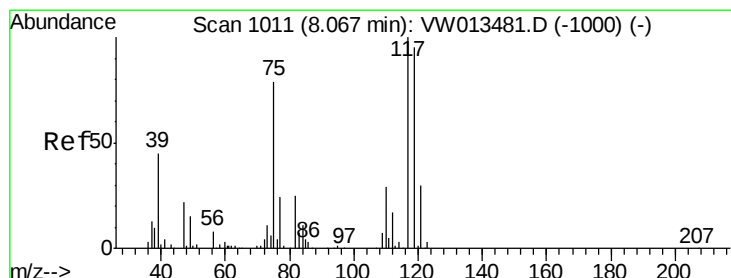
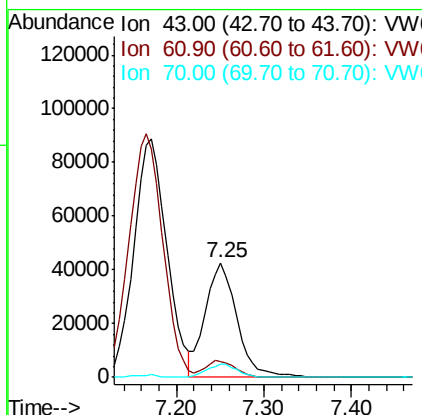
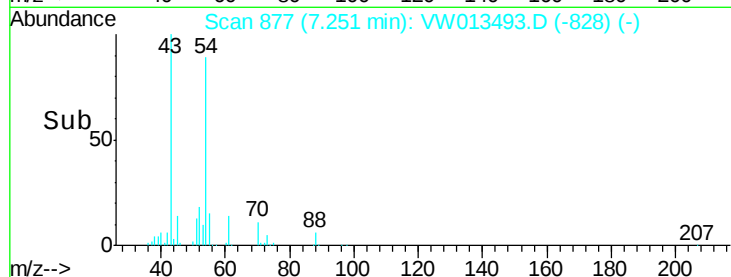
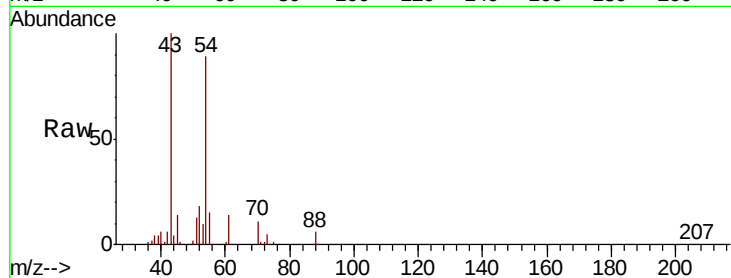
#37
Ethyl Acetate
Concen: 54.080 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.9	16.3
70	11.1	9.2	13.8

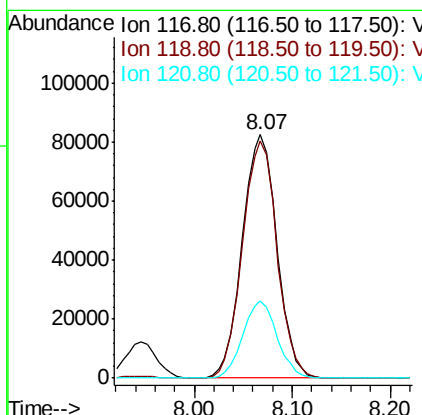
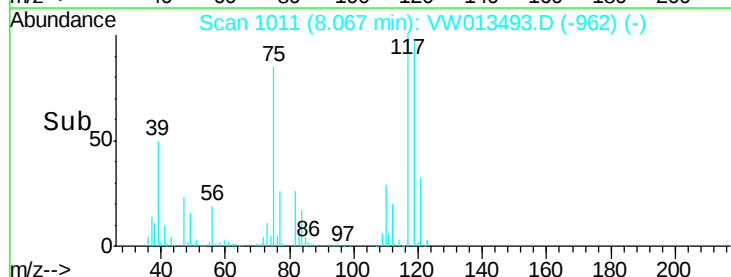
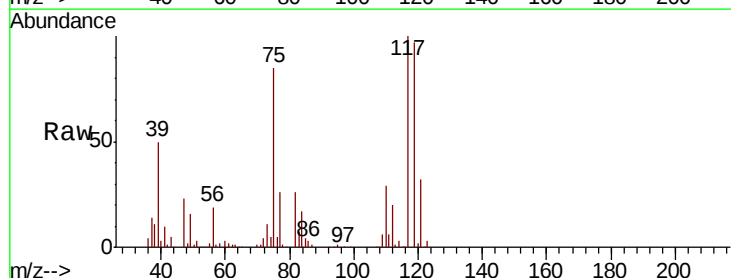
Manual Integrations
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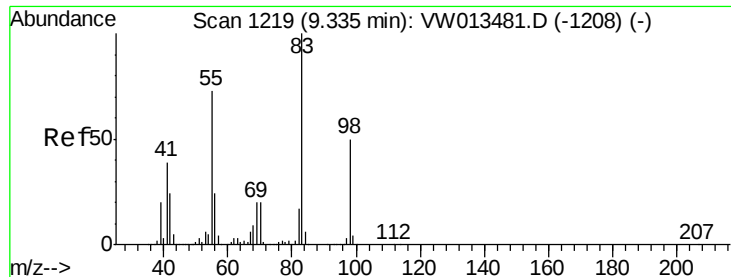
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#38
Carbon Tetrachloride
Concen: 52.233 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	76.3	114.5
121	31.5	23.6	35.4





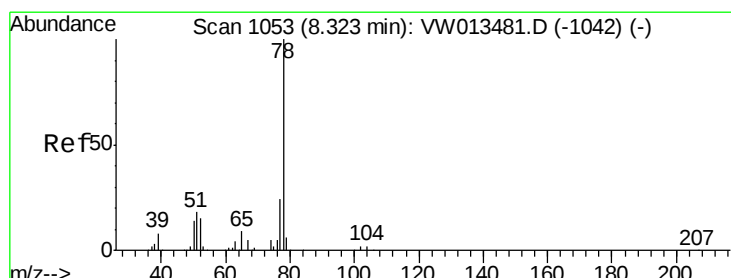
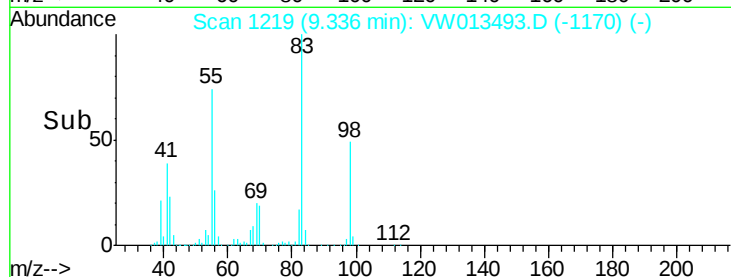
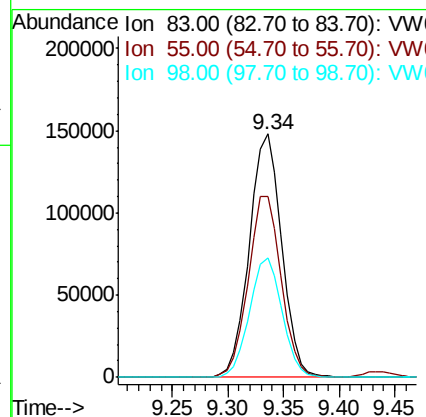
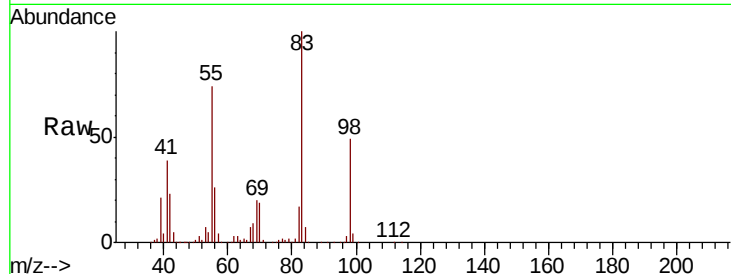
#39
Methvlcvclohexane
Concen: 53.042 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.0	58.2	87.4
98	49.3	39.8	59.6

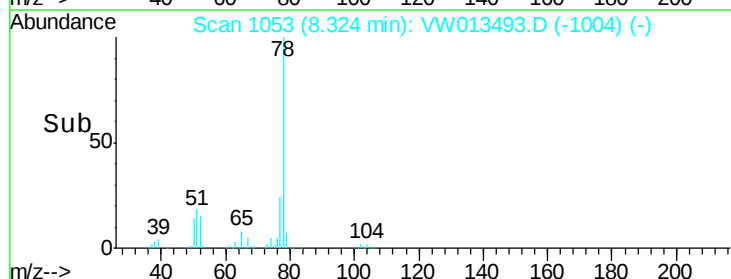
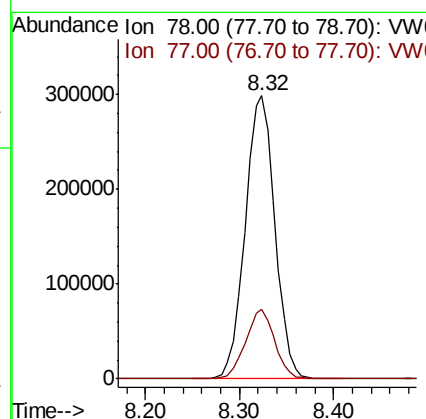
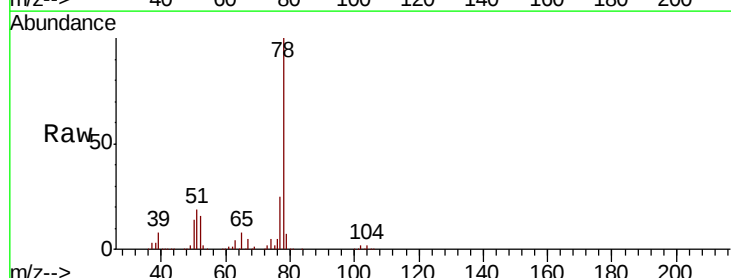
Manual Integrations
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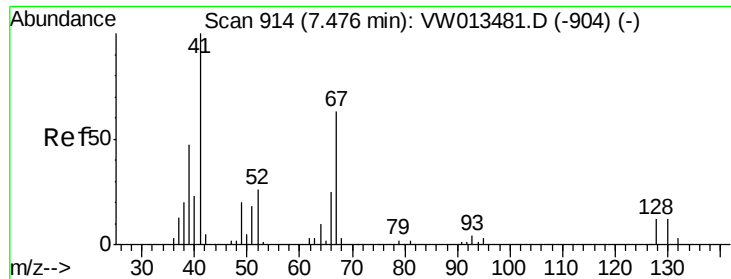
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#40
Benzene
Concen: 53.833 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.2	28.8





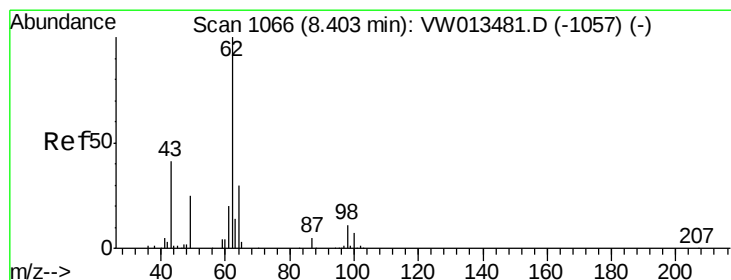
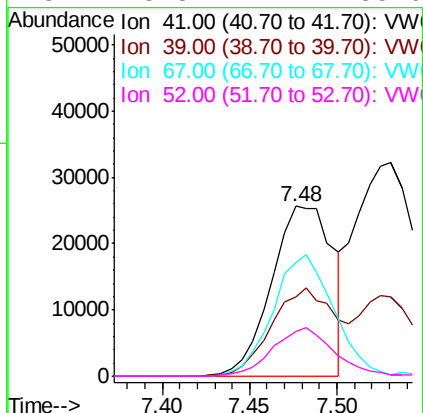
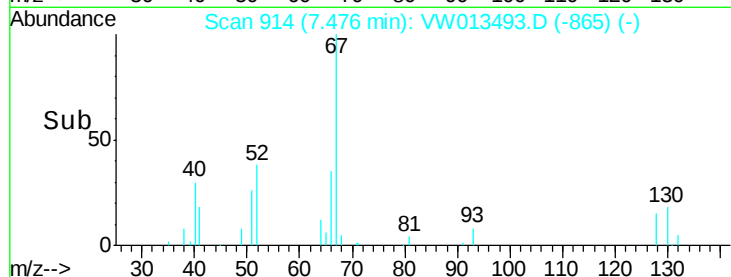
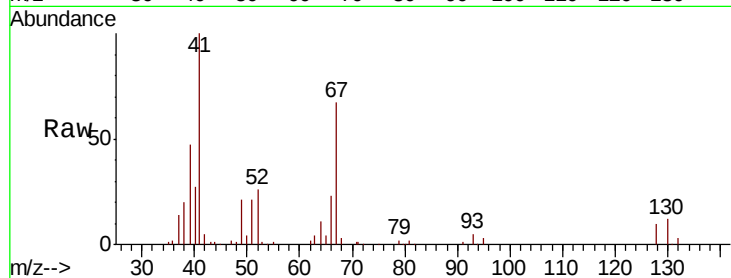
#41
Methacrylonitrile
Concen: 55.751 ug/l
RT: 7.48 min Scan# 914
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.3	39.4	59.0	
67	71.4	57.0	85.6	
52	28.8	22.4	33.6	

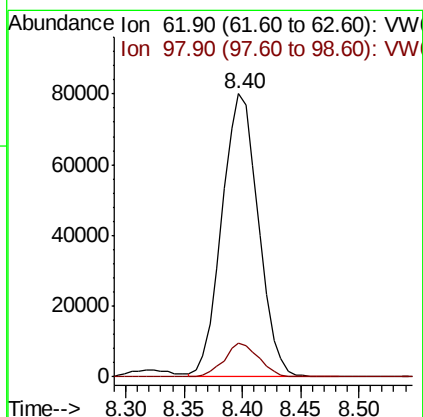
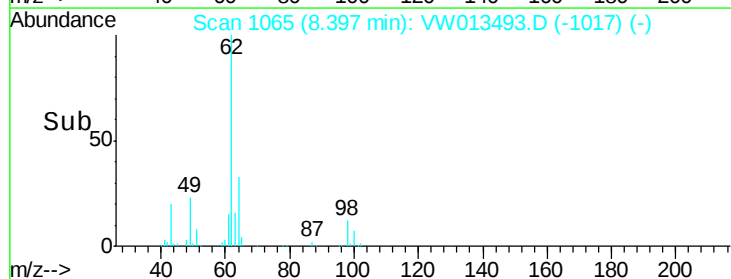
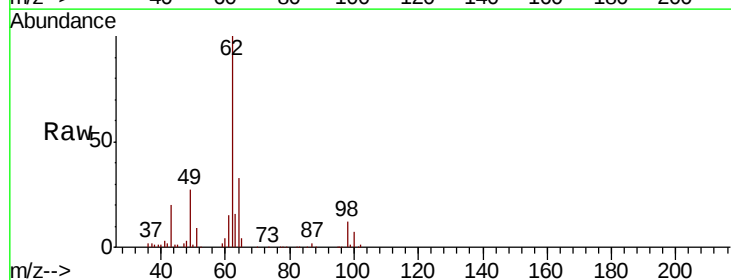
Manual Integrations
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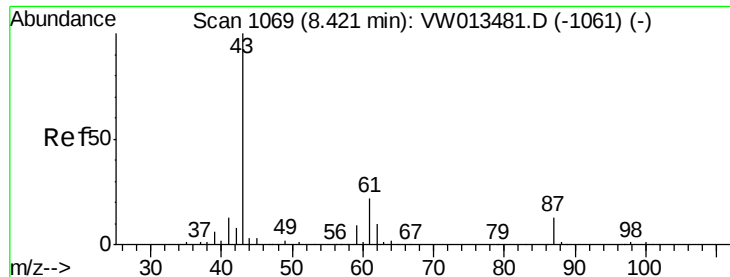
MMDadoda
10/9/2019 4:10:23 PM



#42
1,2-Dichloroethane
Concen: 56.299 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	11.3	0.0	21.4	





#43

Isopropyl Acetate

Concen: 56.296 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Instrument :

MSVOA_W

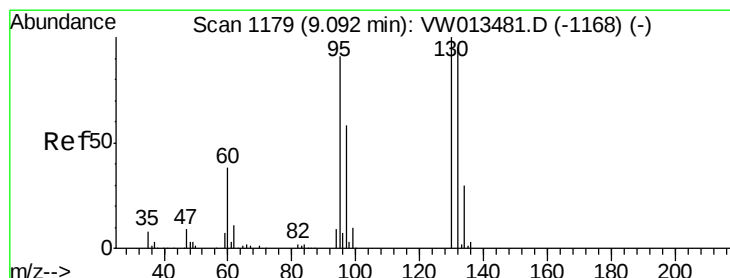
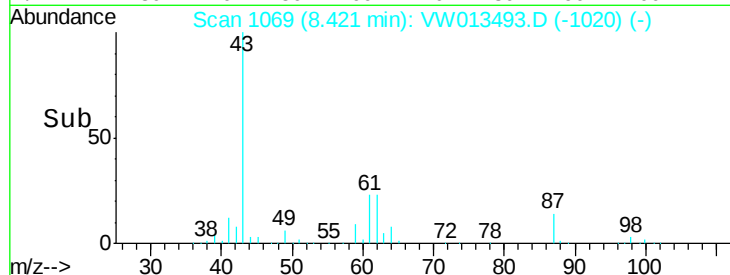
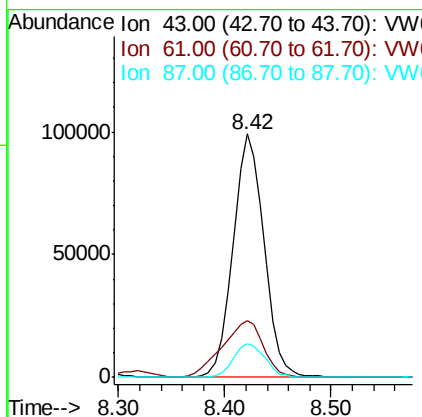
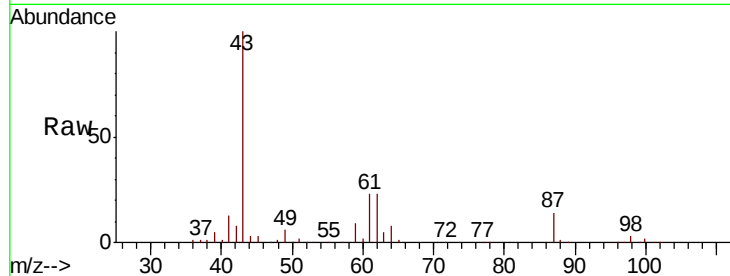
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	202039
Ion	Ratio	Lower	Upper
43	100		
61	30.7	25.4	38.2
87	14.1	10.8	16.2

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#44

Trichloroethene

Concen: 53.949 ug/l

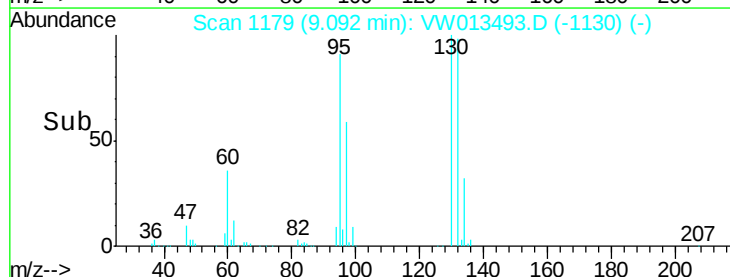
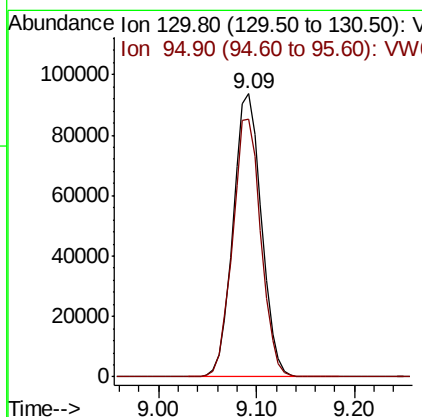
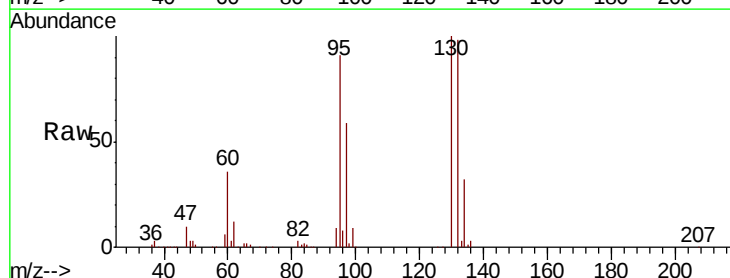
RT: 9.09 min Scan# 1179

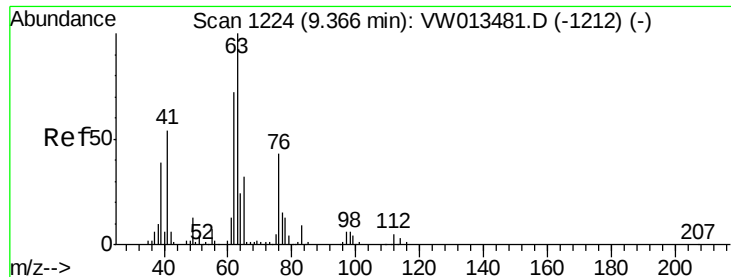
Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Tgt Ion:	130	Resp:	188096
Ion	Ratio	Lower	Upper
130	100		
95	91.3	0.0	182.2





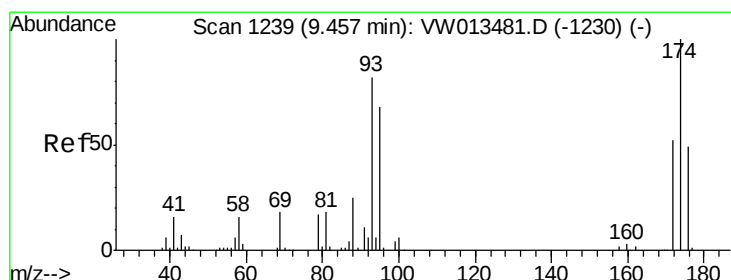
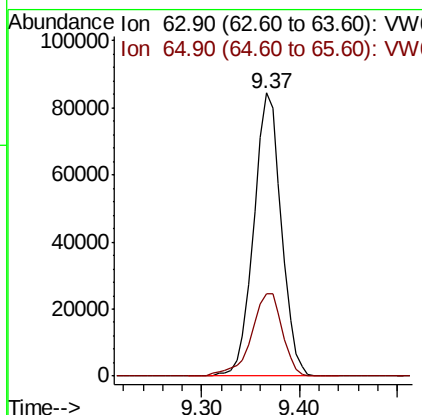
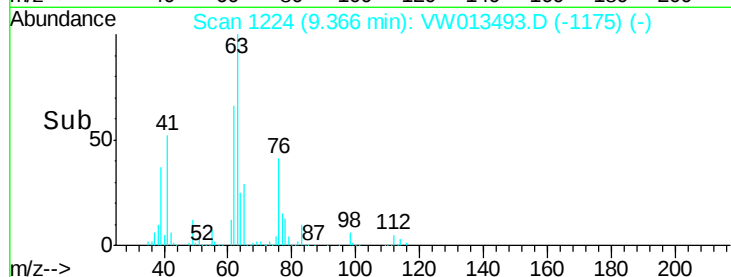
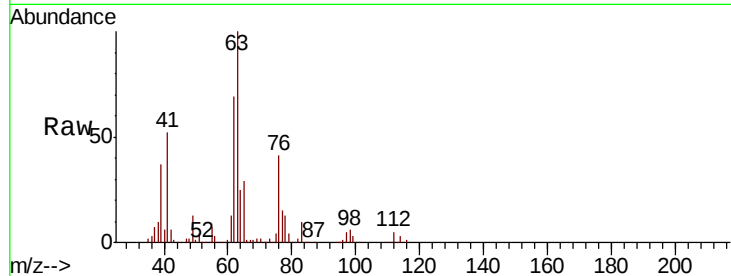
#45
 1,2-Dichloropropane
 Concen: 56.181 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW013493.D
 Acq: 08 Oct 2019 18:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.2	25.8	38.6

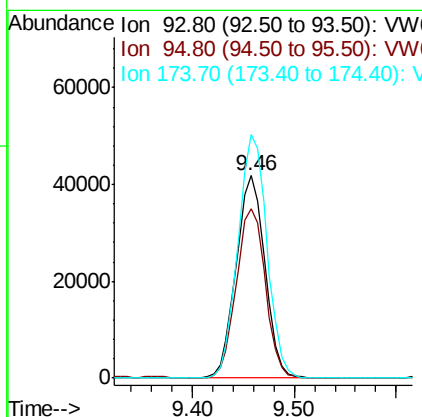
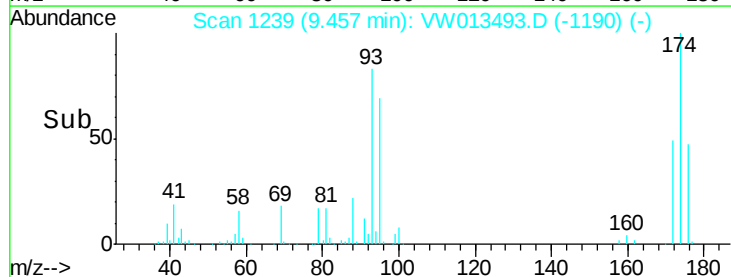
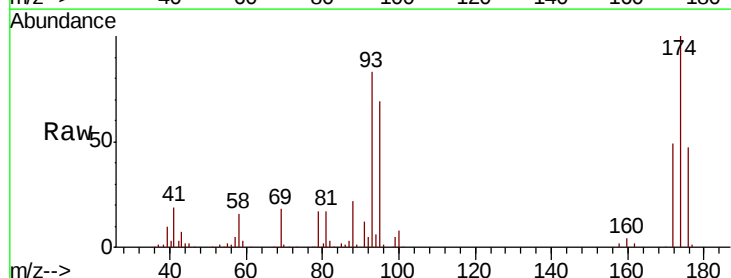
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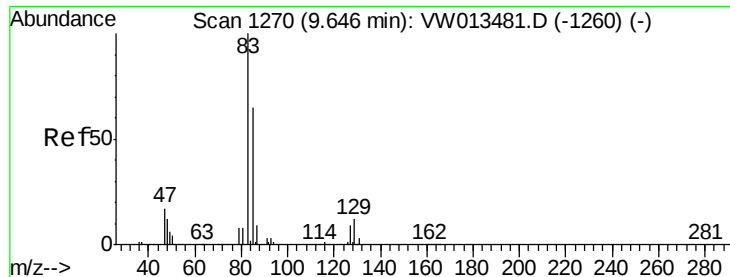
MMDadoda
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#46
 Dibromomethane
 Concen: 55.914 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW013493.D
 Acq: 08 Oct 2019 18:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.8	68.0	102.0
174	121.6	97.0	145.6





#47

Bromodichloromethane

Concen: 57.127 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Instrument :

MSVOA_W

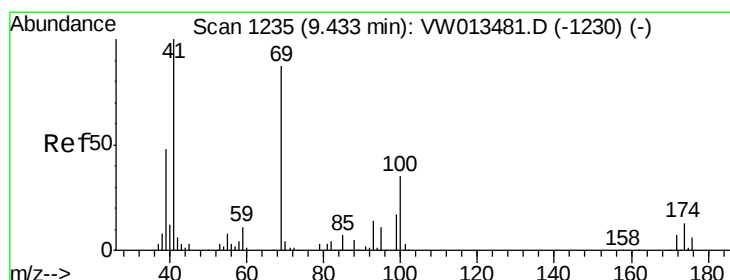
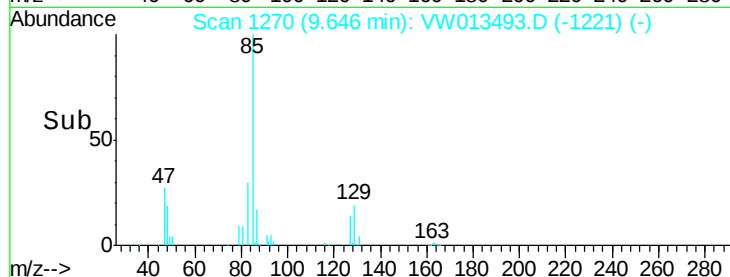
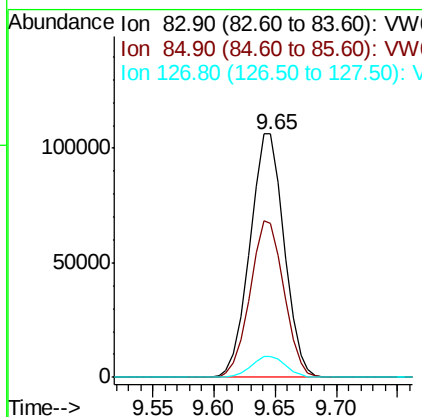
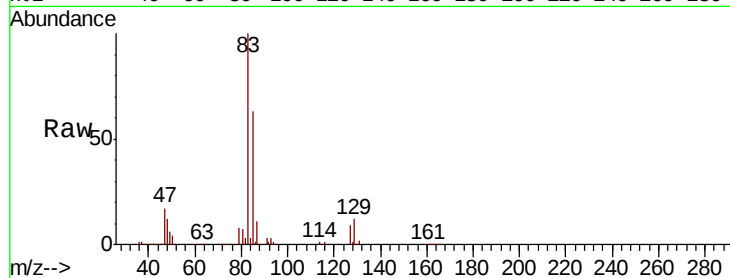
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	207524
Ion Ratio	Lower	Upper	
83	100		
85	63.2	51.9	77.9
127	8.7	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.236 ug/l

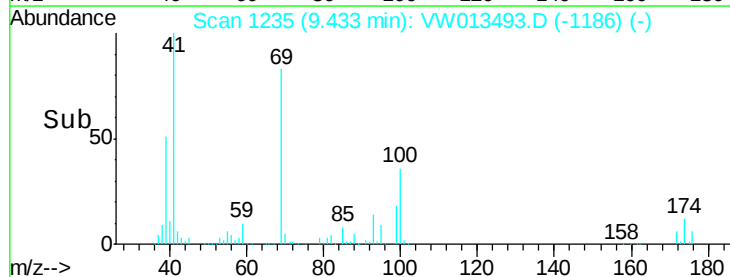
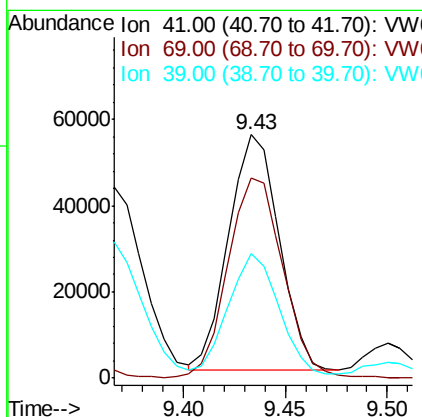
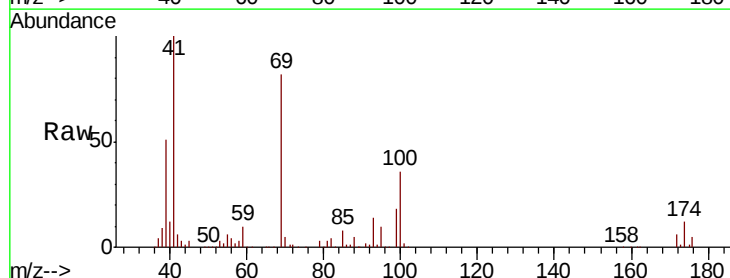
RT: 9.43 min Scan# 1235

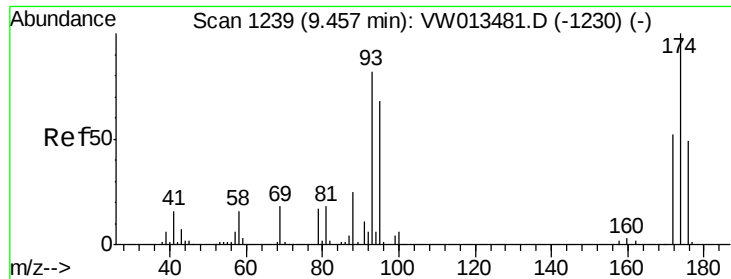
Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Tgt Ion:	41	Resp:	94110
Ion Ratio	Lower	Upper	
41	100		
69	92.3	70.4	105.6
39	50.0	37.3	55.9





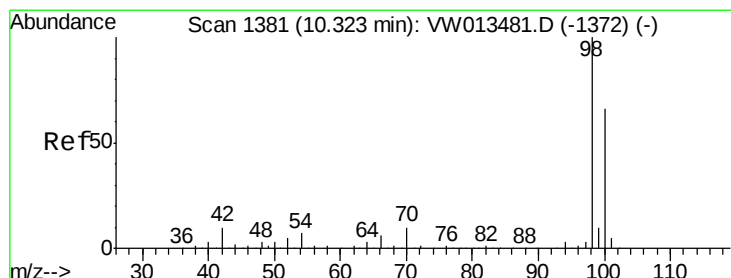
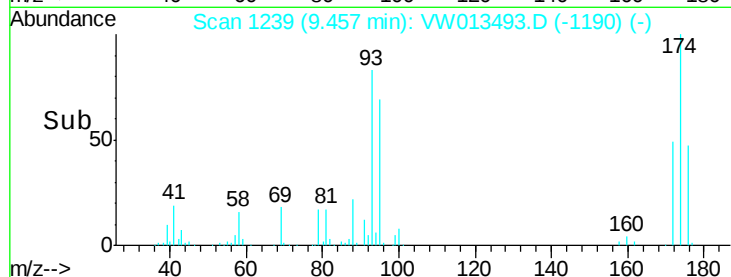
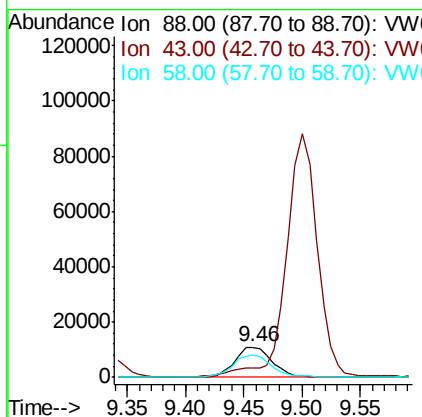
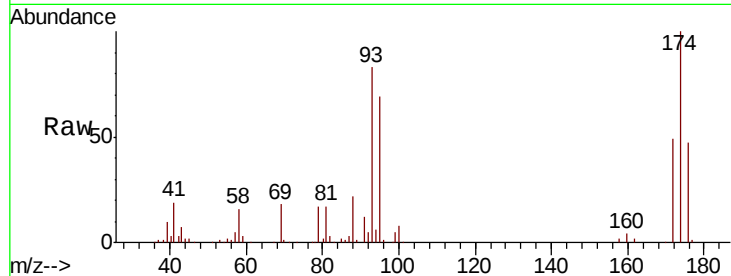
#49
1,4-Dioxane
Concen: 958.538 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	24596
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	75.8	60.0	90.0

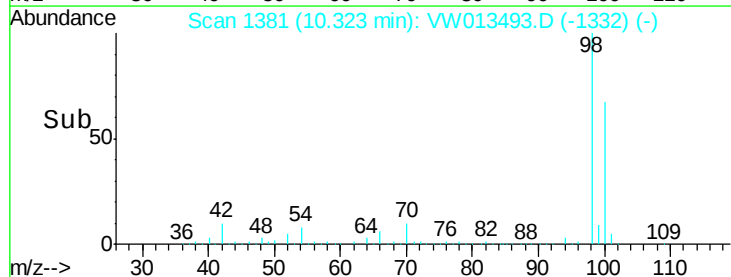
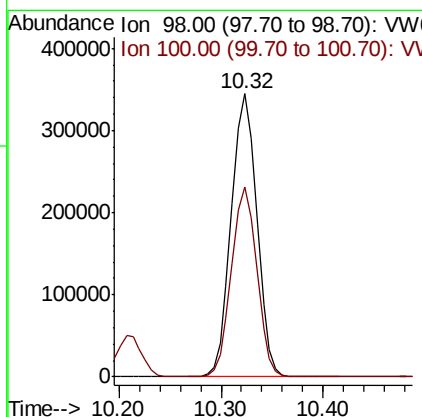
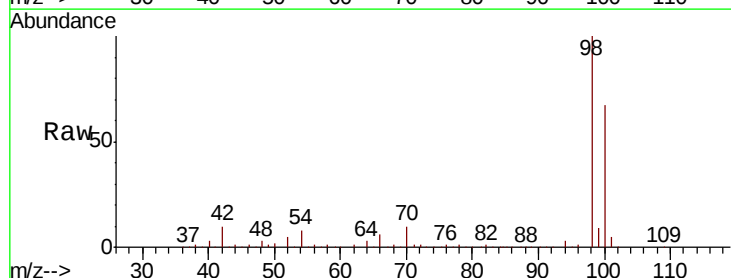
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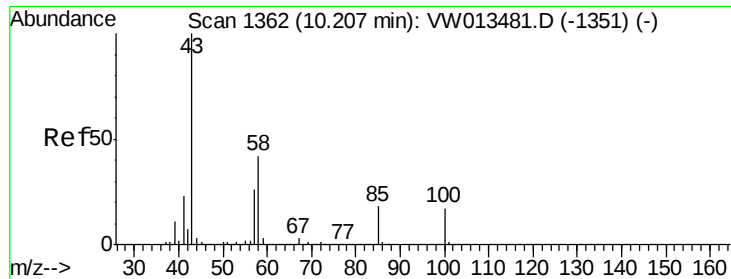
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#50
Toluene-d8
Concen: 52.757 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Tgt Ion	98	Resp	599308
Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.2	79.8





#51

4-Methyl-2-Pentanone

Concen: 274.472 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 517873

Ion Ratio Lower Upper

43 100

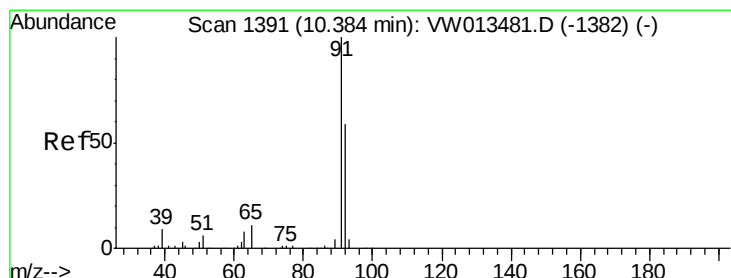
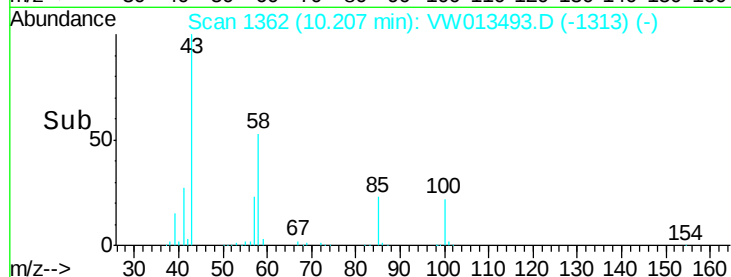
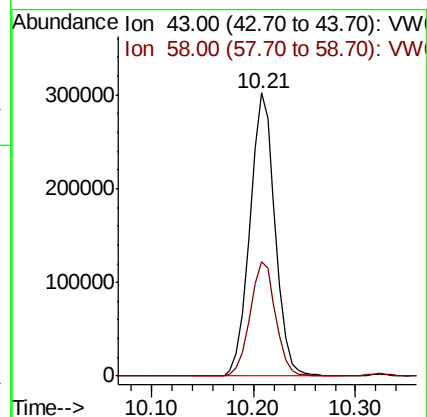
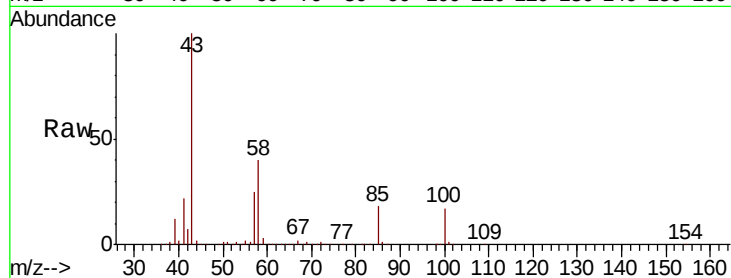
58 41.0 32.8 49.2

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#52

Toluene

Concen: 54.825 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW013493.D

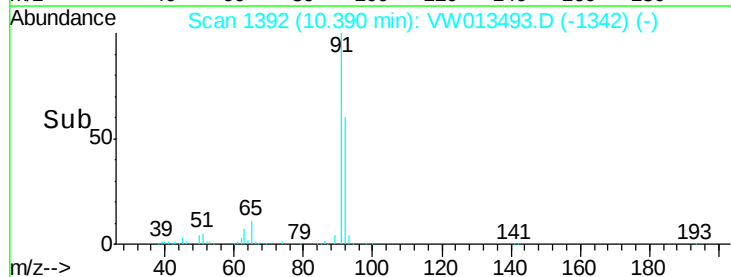
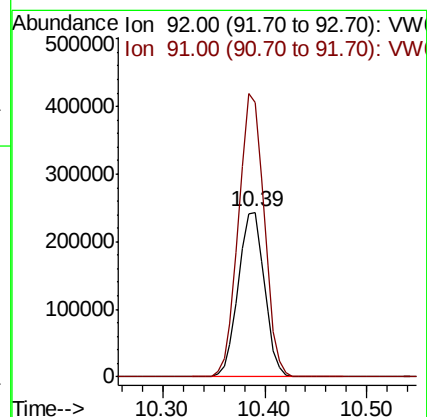
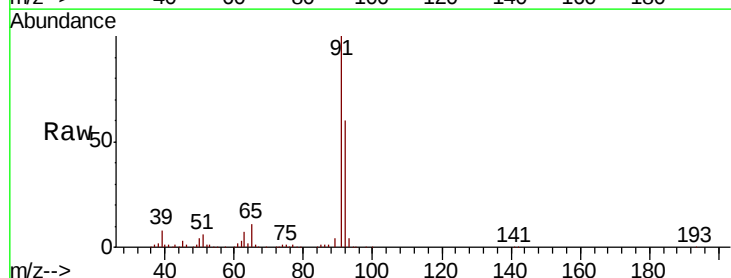
Acq: 08 Oct 2019 18:29

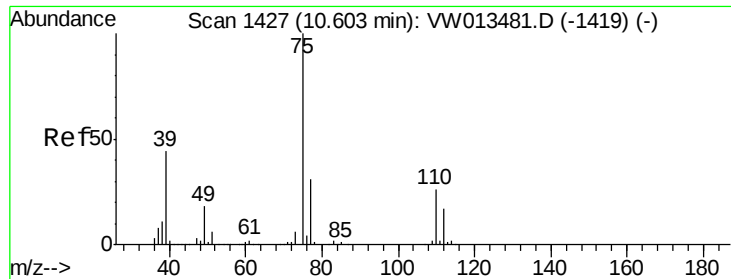
Tgt Ion: 92 Resp: 431614

Ion Ratio Lower Upper

92 100

91 169.2 134.8 202.2





#53

t-1,3-Dichloropropene

Concen: 58.159 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 219534

Ion Ratio Lower Upper

75 100

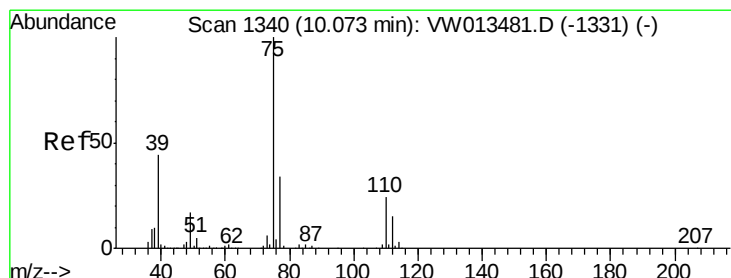
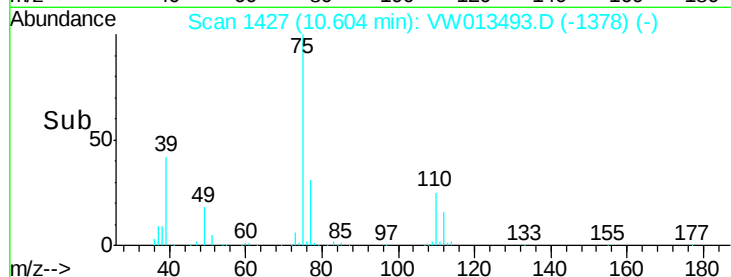
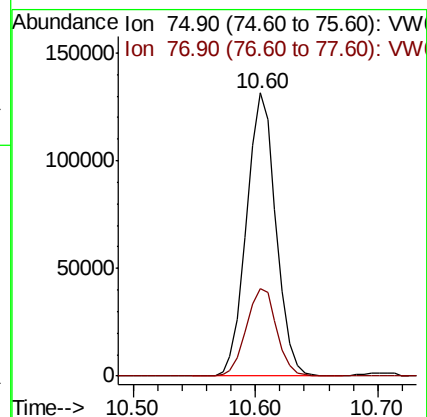
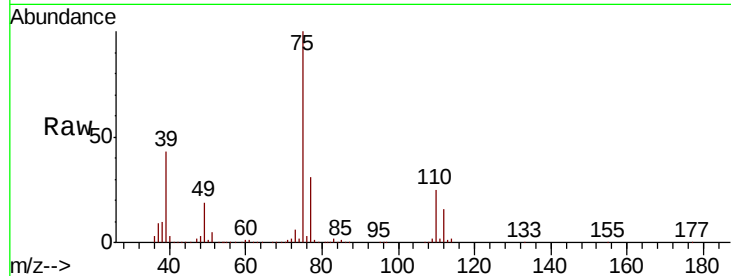
77 31.0 25.2 37.8

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#54

cis-1,3-Dichloropropene

Concen: 56.976 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

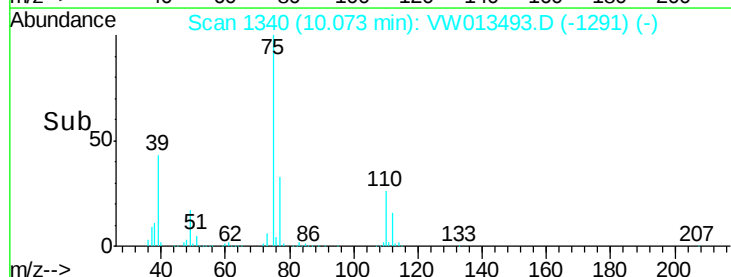
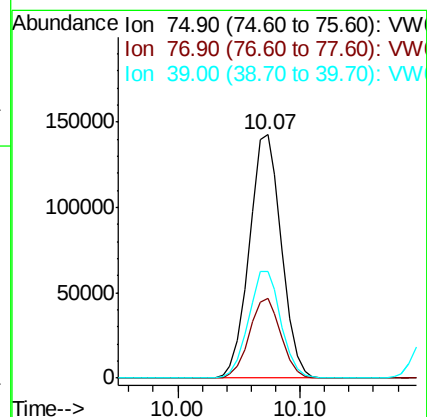
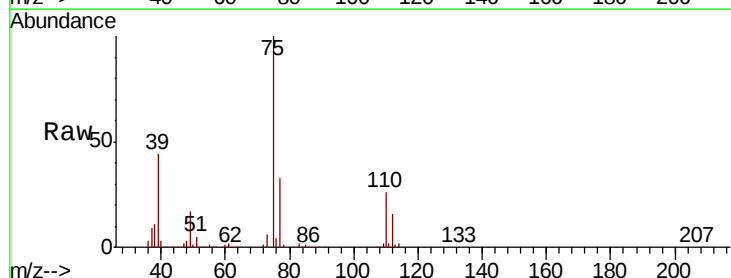
Tgt Ion: 75 Resp: 260559

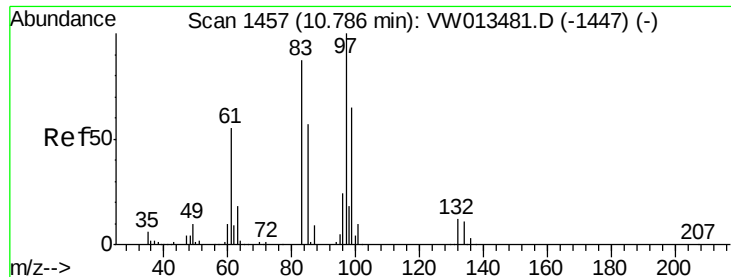
Ion Ratio Lower Upper

75 100

77 32.9 27.0 40.4

39 43.7 35.0 52.4





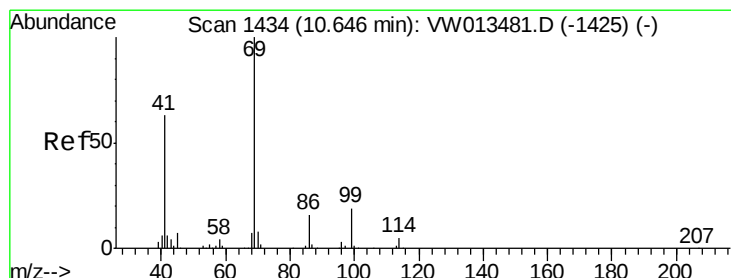
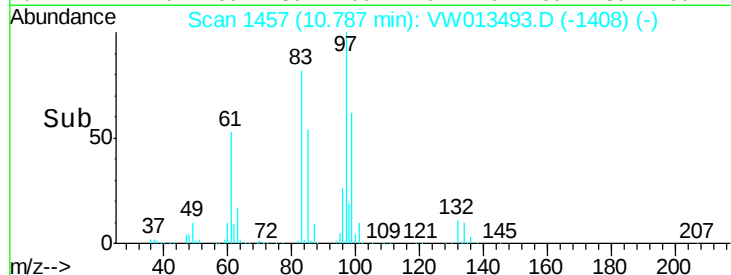
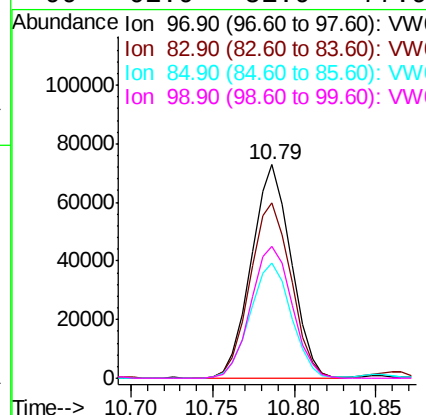
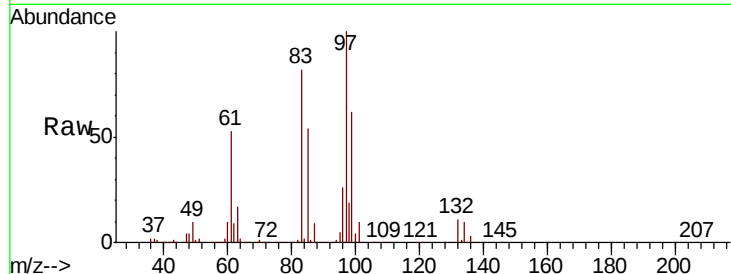
#55
 1,1,2-Trichloroethane
 Concen: 56.346 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW013493.D
 Acq: 08 Oct 2019 18:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
97	100	123595		
83	82.2	69.8	104.8	
85	53.7	45.4	68.0	
99	61.9	51.9	77.9	

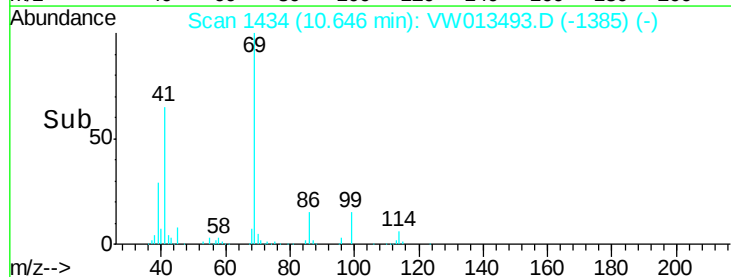
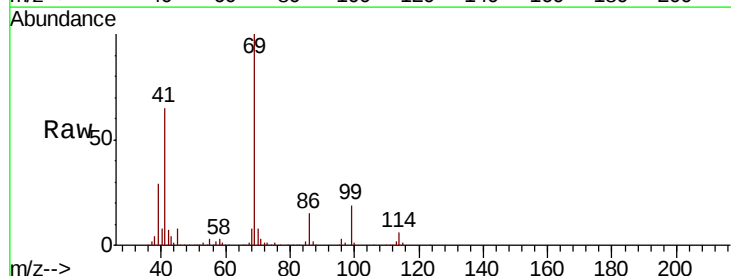
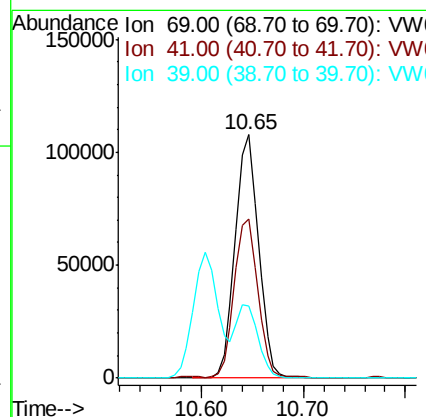
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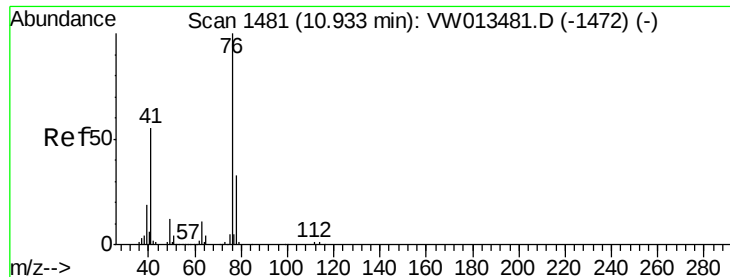
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#56
 Ethyl methacrylate
 Concen: 58.099 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW013493.D
 Acq: 08 Oct 2019 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	171643		
41	65.2	51.8	77.6	
39	28.2	21.7	32.5	





#57

1,3-Dichloropropane

Concen: 56.845 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 214107

Ion Ratio Lower Upper

76 100

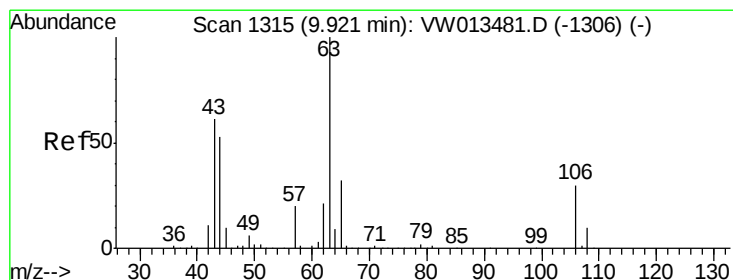
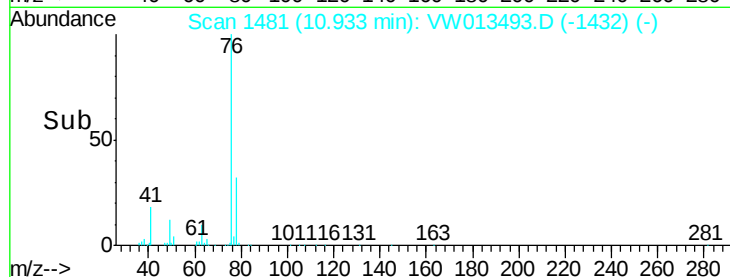
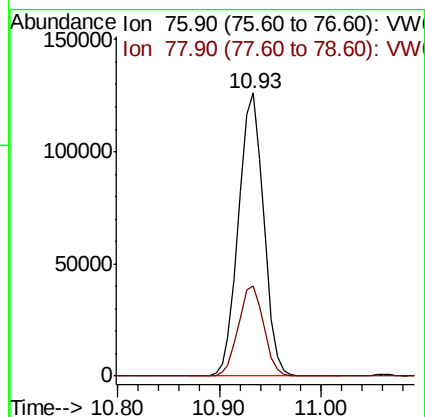
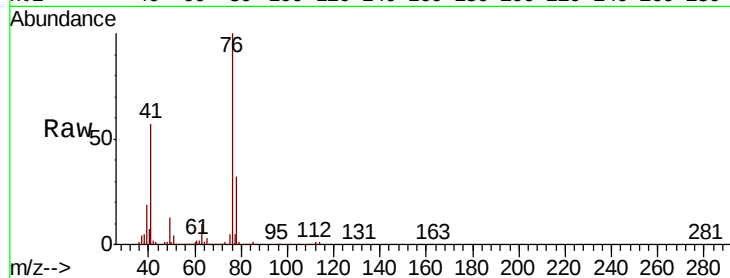
78 32.3 25.9 38.9

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#58

2-Chloroethyl Vinyl ether

Concen: 279.225 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW013493.D

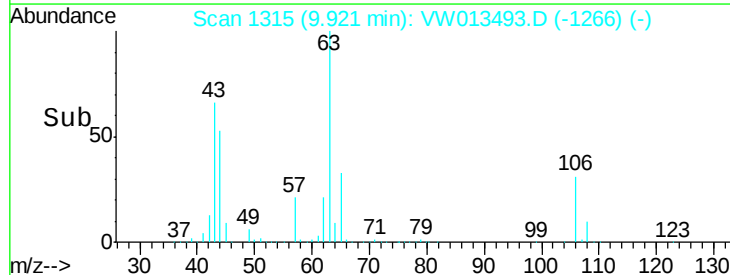
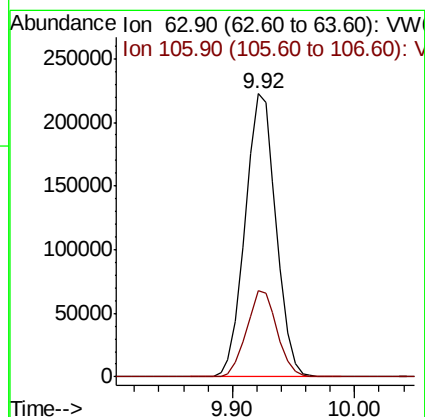
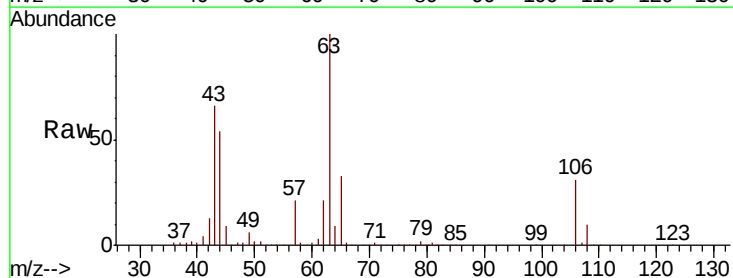
Acq: 08 Oct 2019 18:29

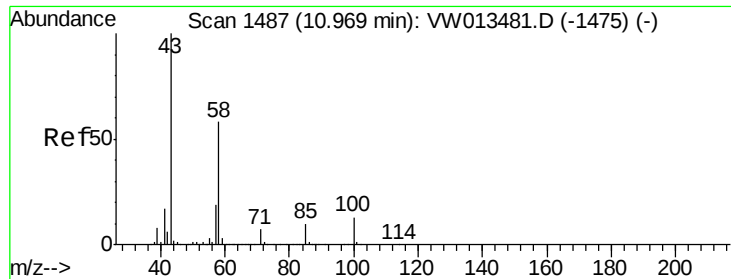
Tgt Ion: 63 Resp: 389178

Ion Ratio Lower Upper

63 100

106 30.2 24.5 36.7





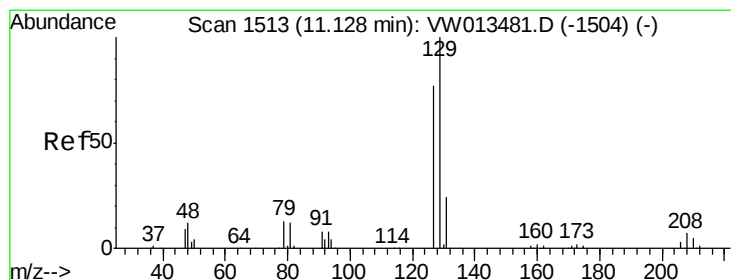
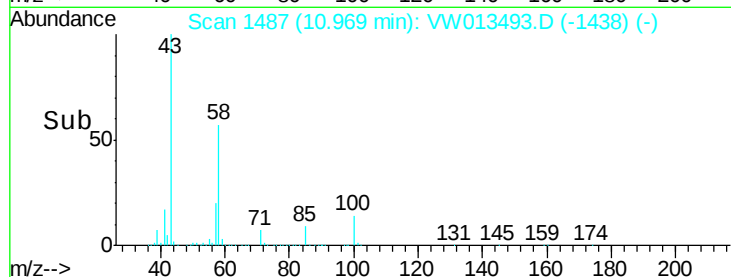
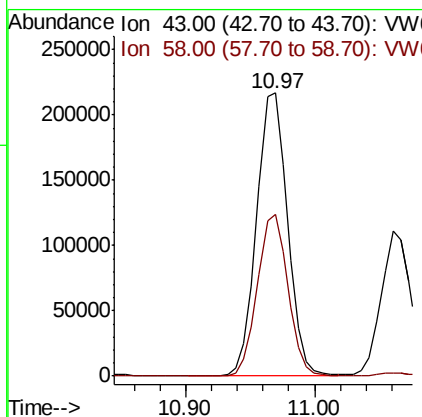
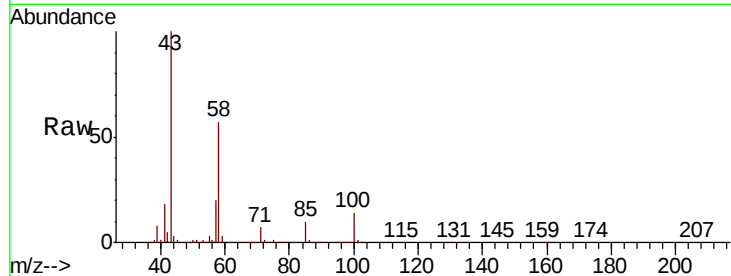
#59
2-Hexanone
Concen: 278.600 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 360456
Ion Ratio Lower Upper
43 100
58 56.8 28.4 85.2

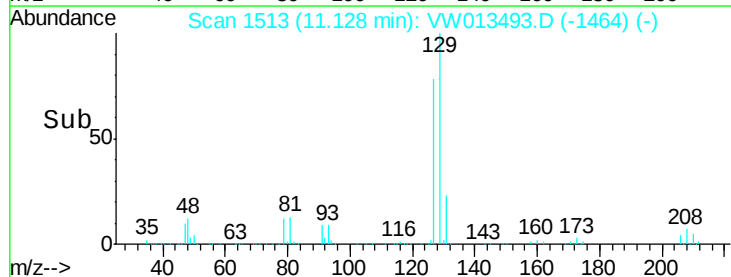
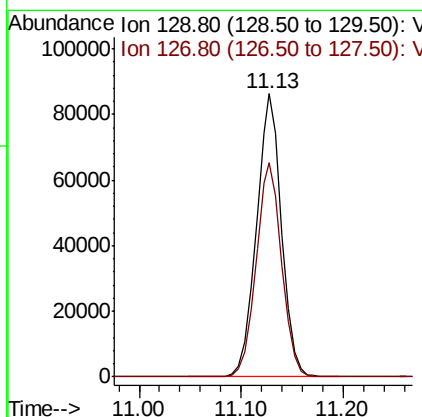
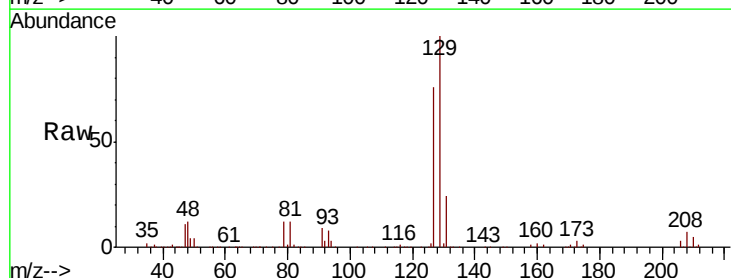
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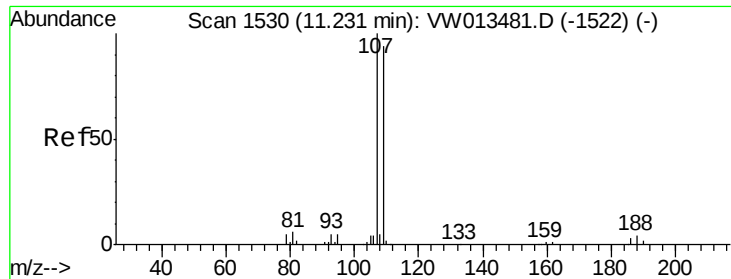
MMDadoda
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#60
Dibromochloromethane
Concen: 58.361 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Tgt Ion: 129 Resp: 147217
Ion Ratio Lower Upper
129 100
127 76.7 37.4 112.1





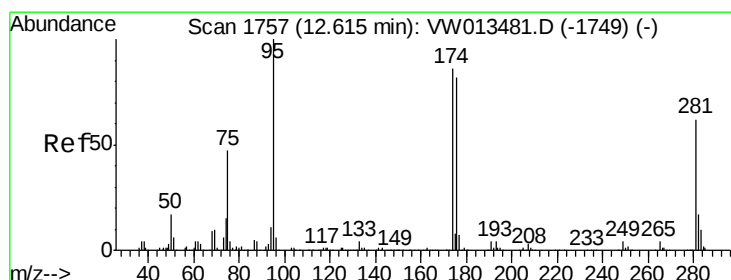
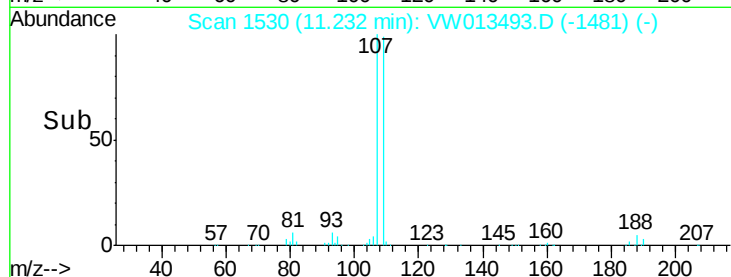
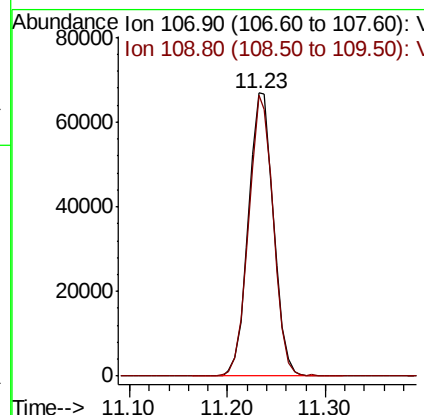
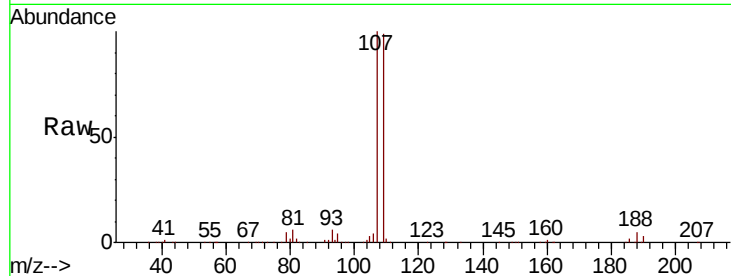
#61
 1,2-Dibromoethane
 Concen: 57.087 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW013493.D
 Acq: 08 Oct 2019 18:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	119103		
109	96.6	76.6	115.0	

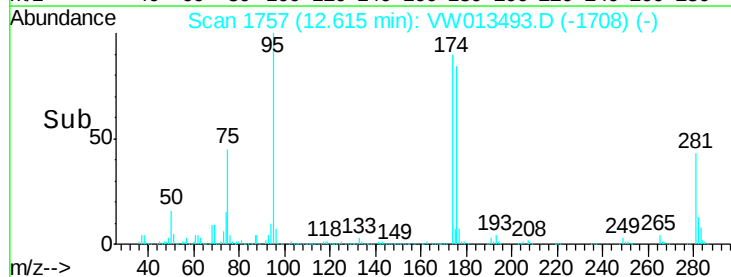
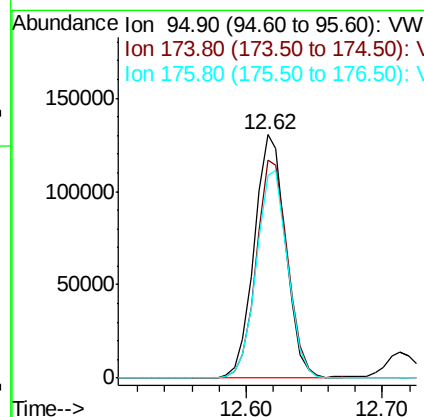
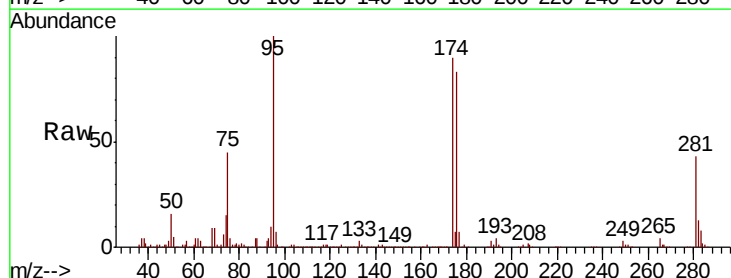
Manual Integrations
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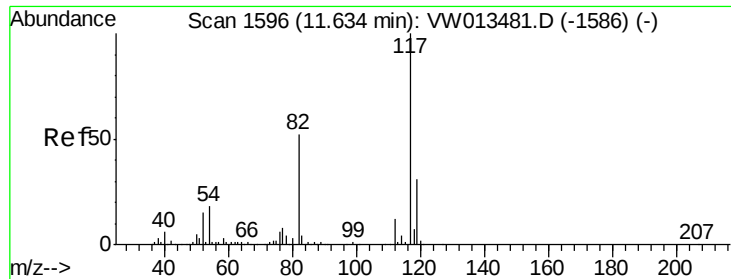
MMDadoda
 10/9/2019 4:10:23 PM



#62
 4-Bromofluorobenzene
 Concen: 55.301 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW013493.D
 Acq: 08 Oct 2019 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	211033		
174	90.0	0.0	177.4	
176	85.3	0.0	173.4	





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Instrument :

MSVOA_W

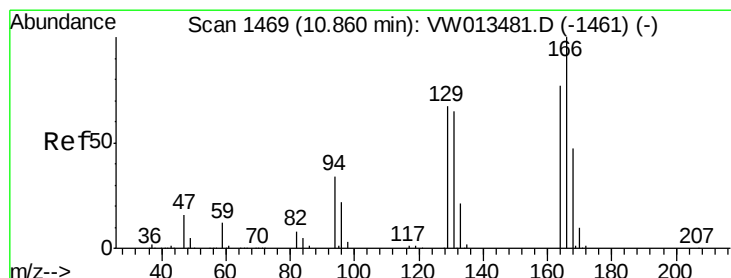
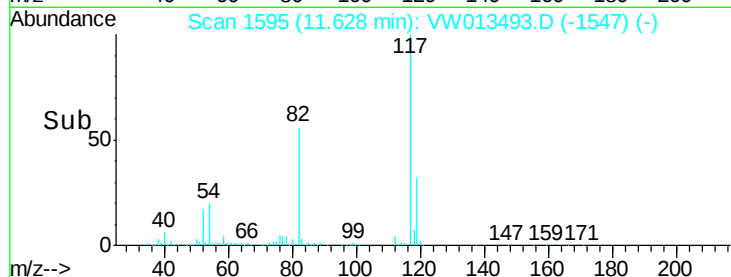
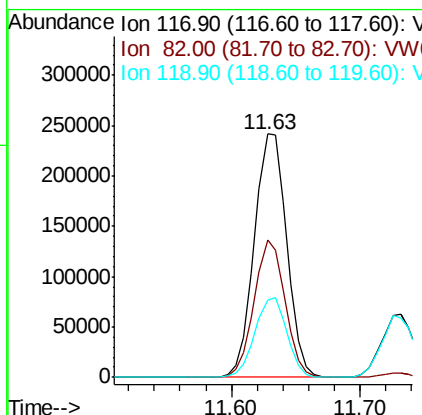
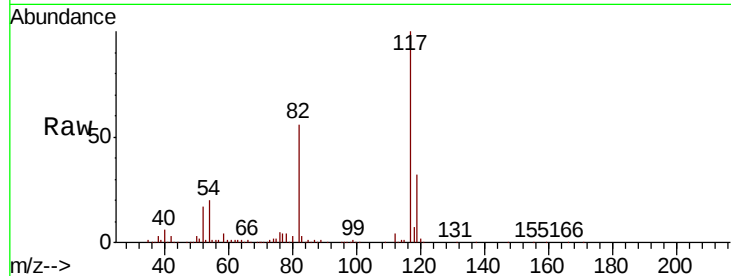
ClientSampleId :

VSTDCCC050EC

Tot Ion:	117	Resp:	419488
Ion Ratio	Lower	Upper	
117	100		
82	56.3	41.4	62.2
119	31.8	25.1	37.7

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#64

Tetrachloroethene

Concen: 52.742 ug/l

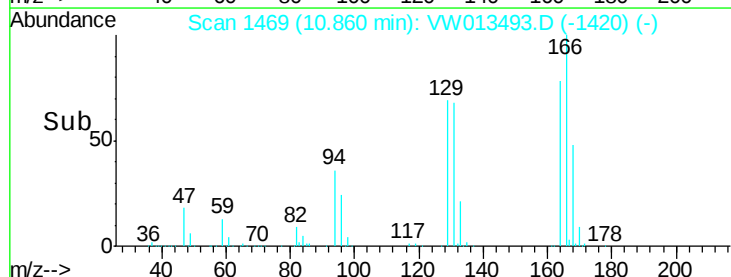
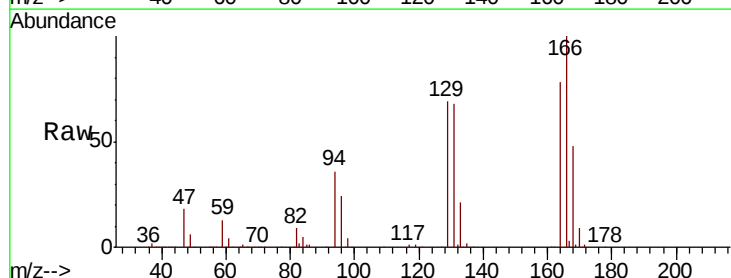
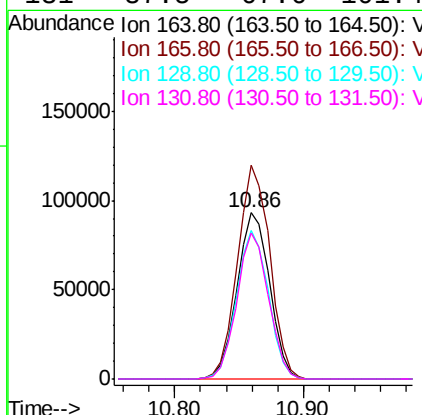
RT: 10.86 min Scan# 1469

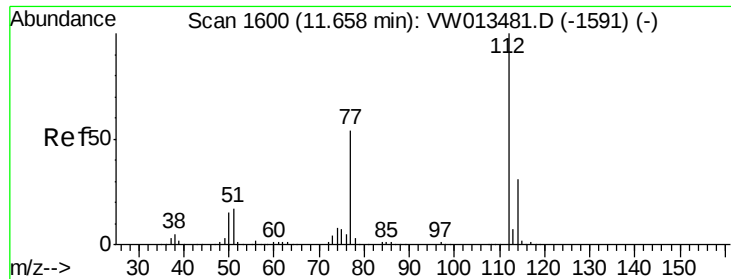
Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Tgt Ion:	164	Resp:	162836
Ion Ratio	Lower	Upper	
164	100		
166	128.6	104.6	156.8
129	89.3	70.2	105.2
131	87.5	67.6	101.4





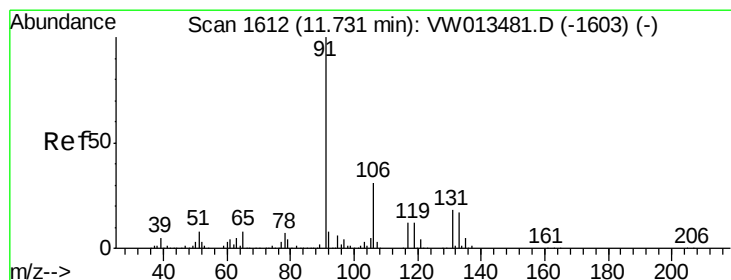
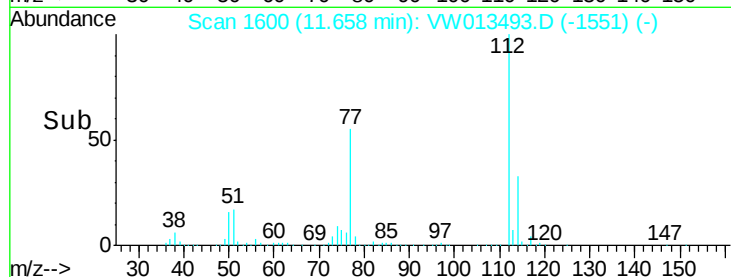
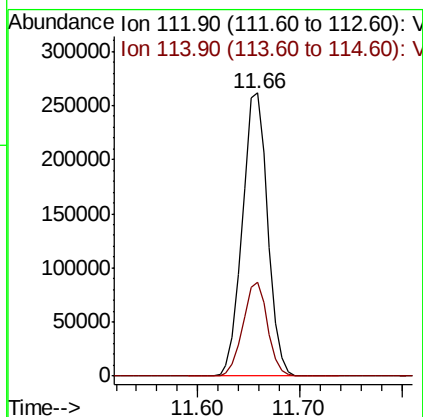
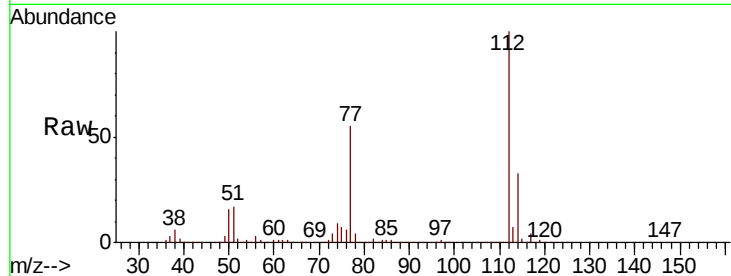
#65
Chlorobenzene
Concen: 54.073 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 450718
Ion Ratio Lower Upper
112 100
114 33.2 24.6 37.0

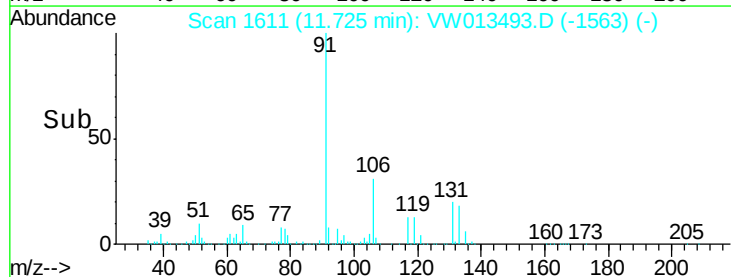
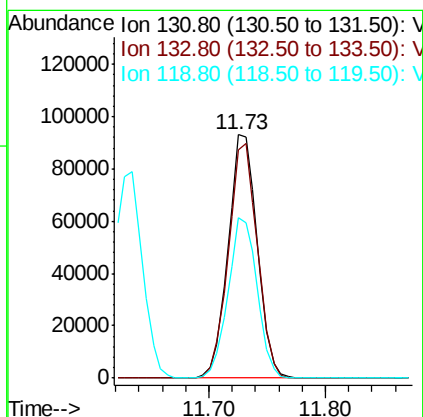
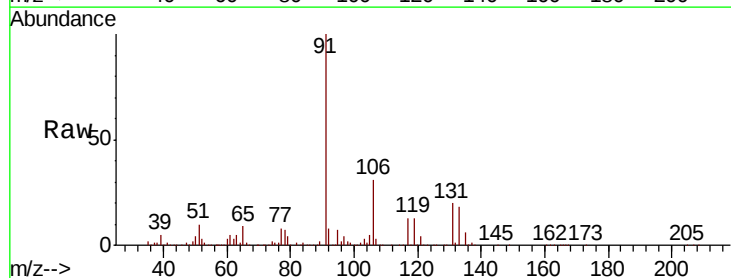
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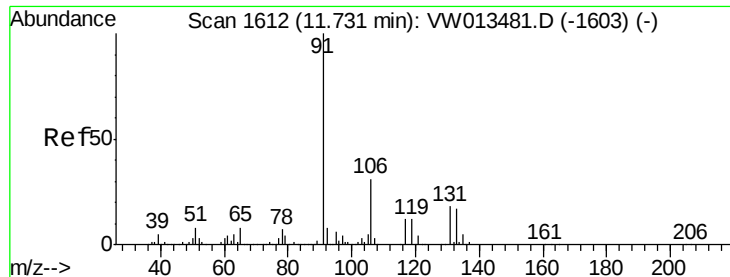
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#66
1,1,1,2-Tetrachloroethane
Concen: 55.889 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Tgt Ion:131 Resp: 161825
Ion Ratio Lower Upper
131 100
133 96.0 47.6 142.9
119 65.7 32.6 98.0





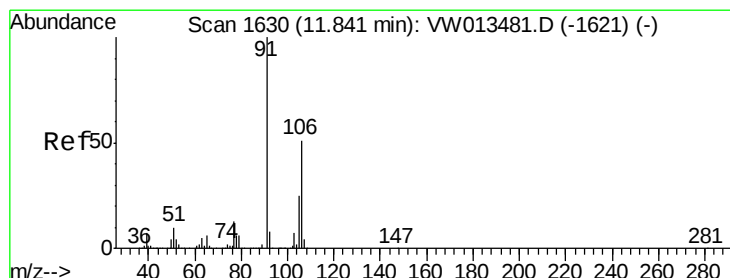
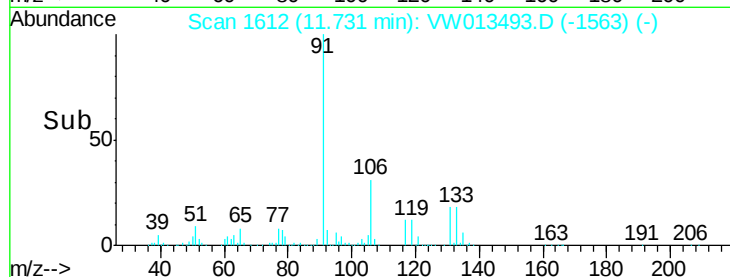
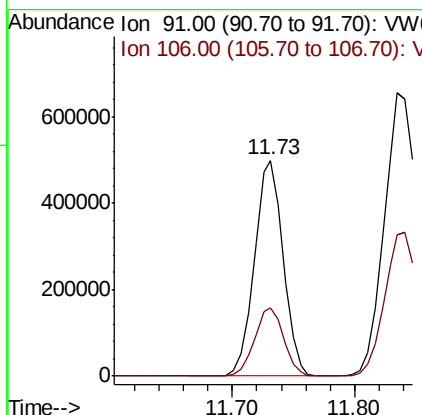
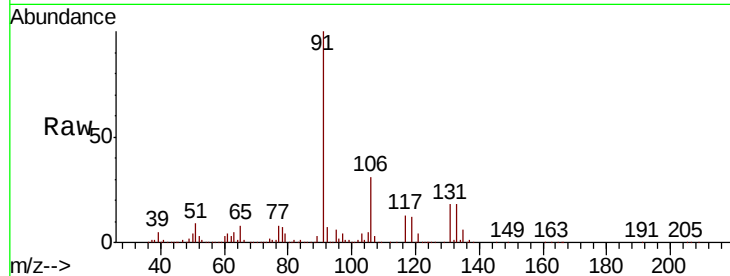
#67
Ethyl Benzene
Concen: 53.537 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 815632
Ion Ratio Lower Upper
91 100
106 31.4 24.8 37.2

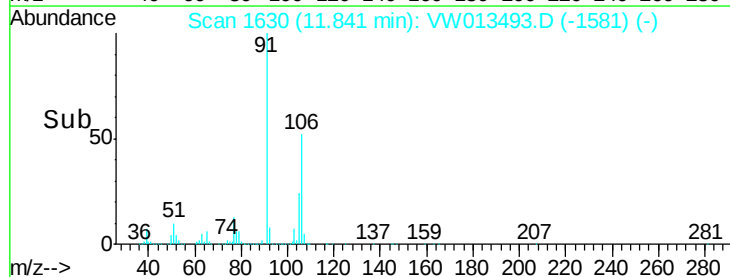
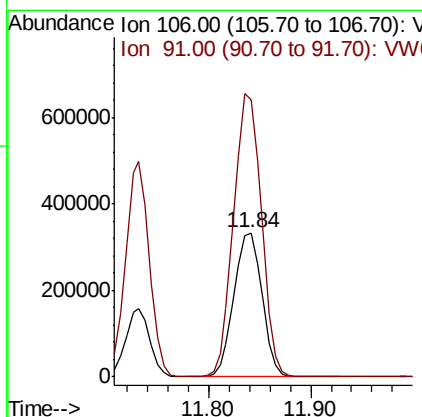
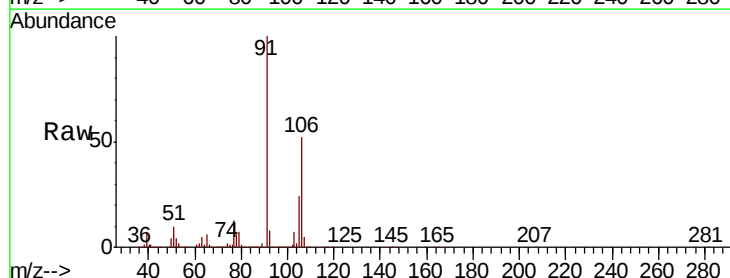
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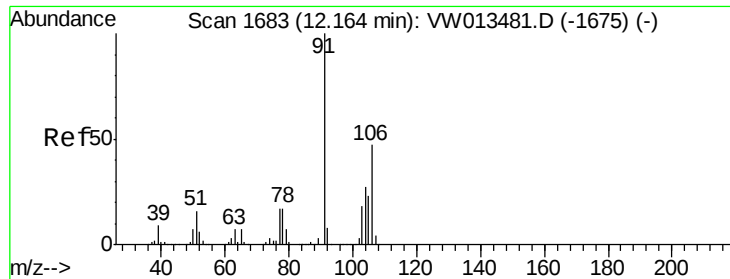
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#68
m/p-Xylenes
Concen: 109.126 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Tgt Ion: 106 Resp: 632571
Ion Ratio Lower Upper
106 100
91 195.3 156.2 234.4





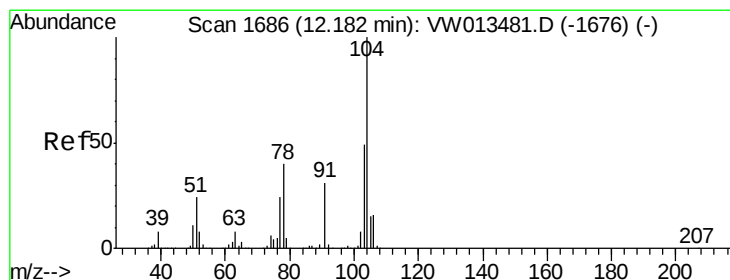
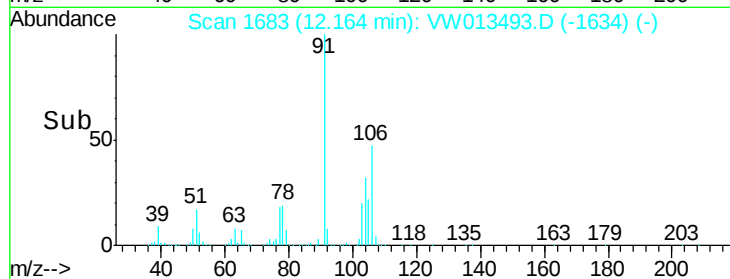
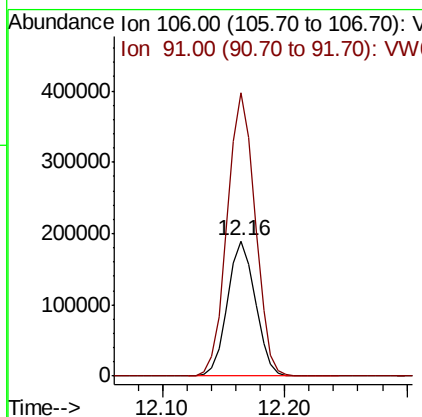
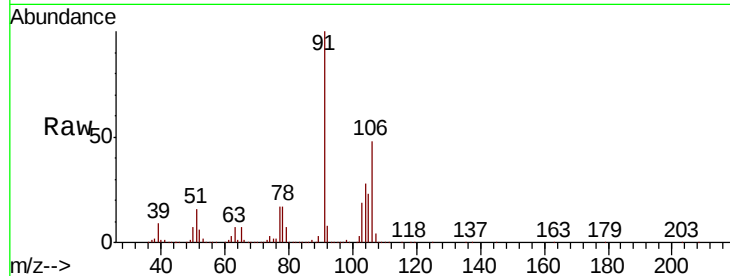
#69
o-Xylene
Concen: 55.678 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	298186		
91	91	209.7	105.0	315.0	

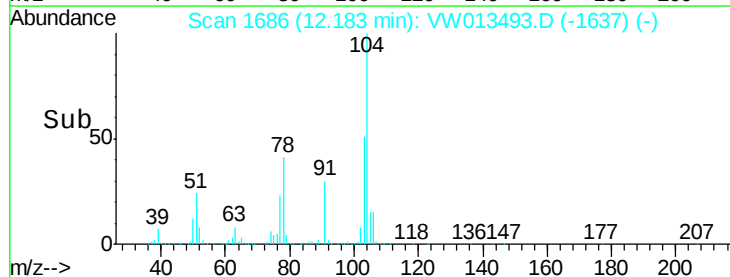
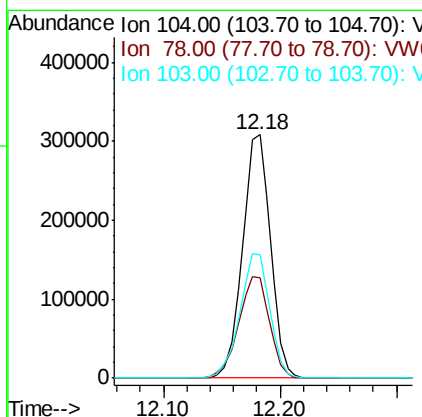
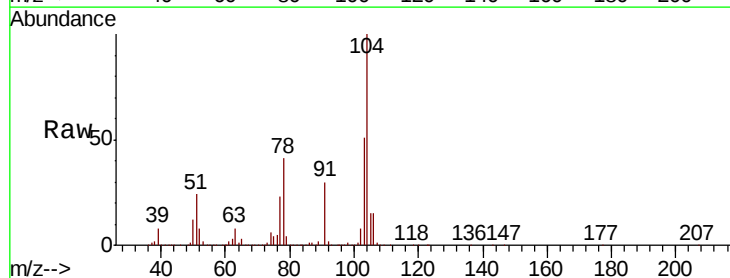
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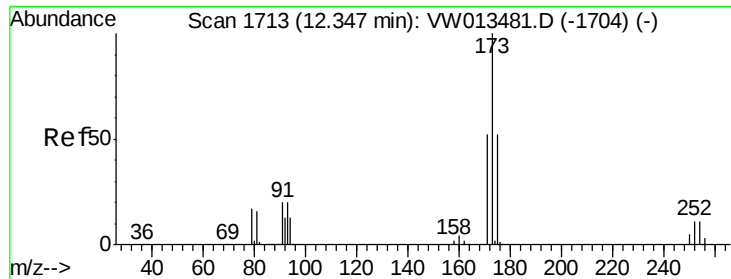
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#70
Styrene
Concen: 56.268 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	517419		
78	78	46.0	37.1	55.7	
103	103	54.5	43.2	64.8	





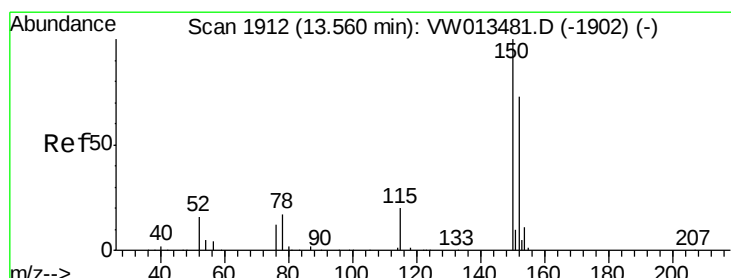
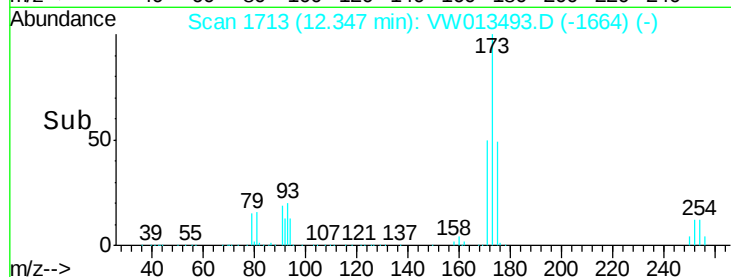
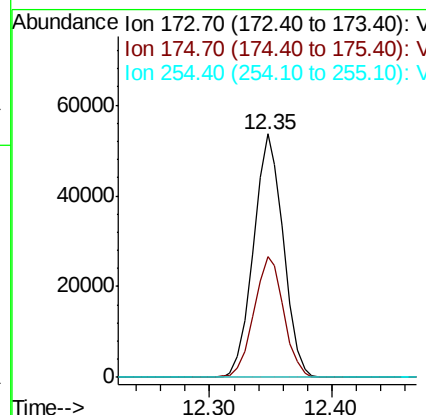
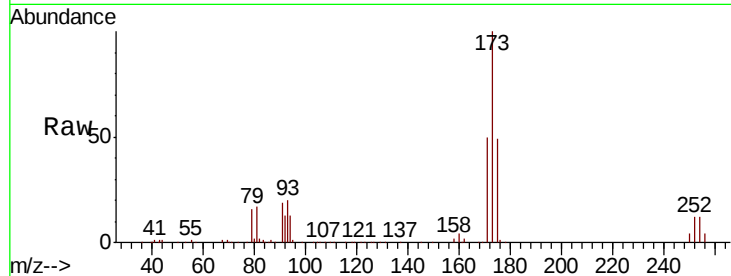
#71
Bromoform
Concen: 57.276 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.4	73.4
254	0.0	0.1	0.1

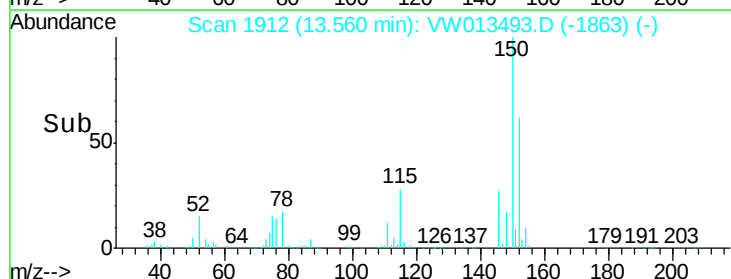
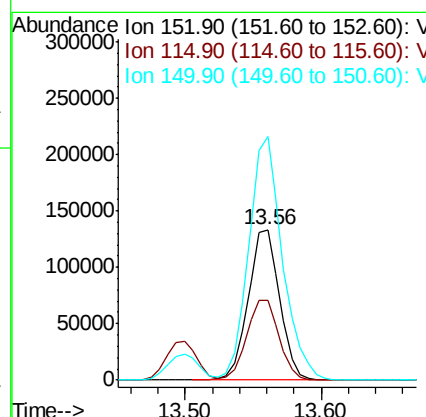
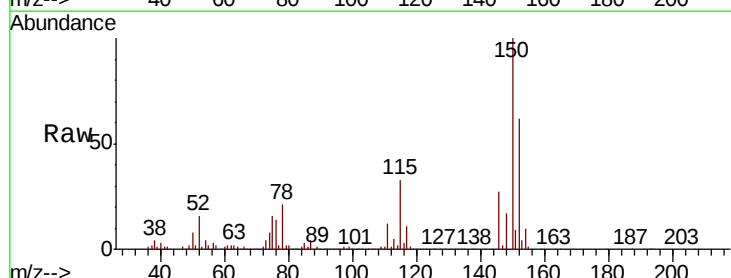
Manual Integrations
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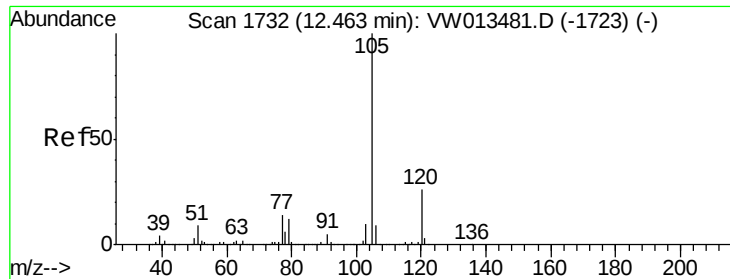
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.7	27.0	81.0
150	174.3	0.0	337.4





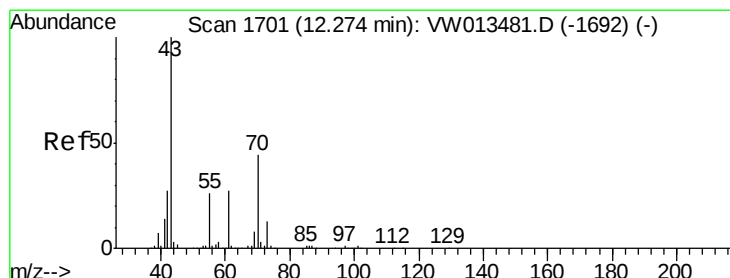
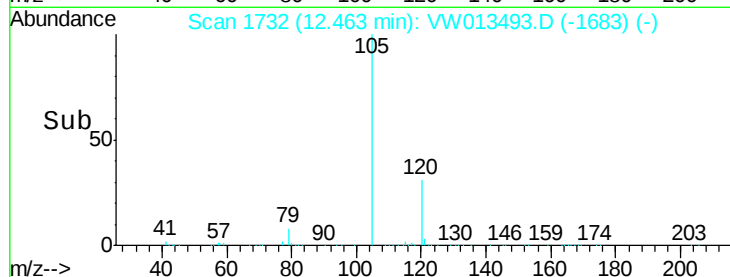
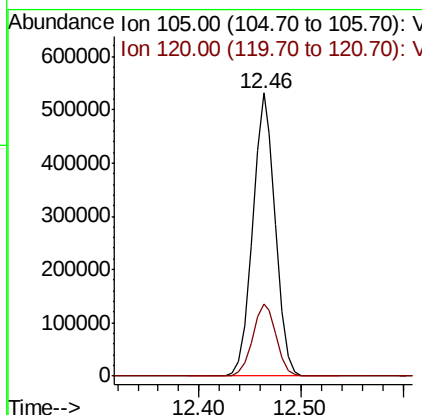
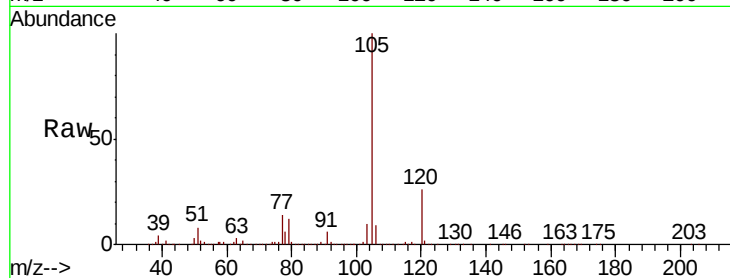
#73
Isopropylbenzene
Concen: 53.186 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.5	40.5

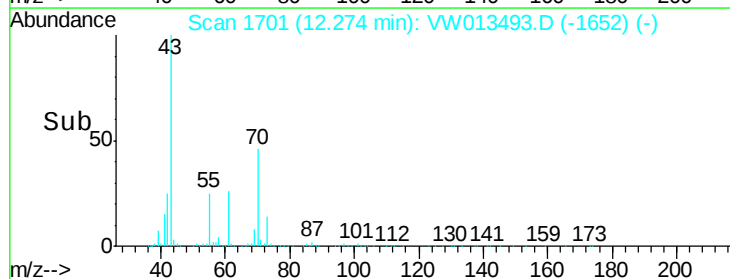
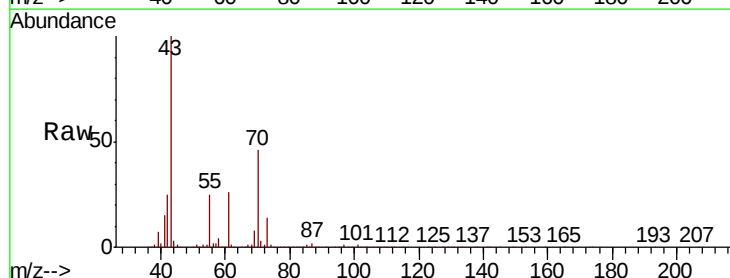
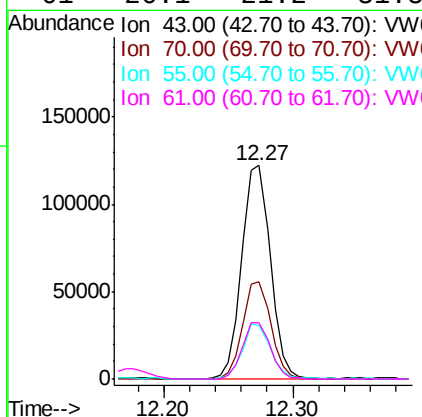
Manual Integrations
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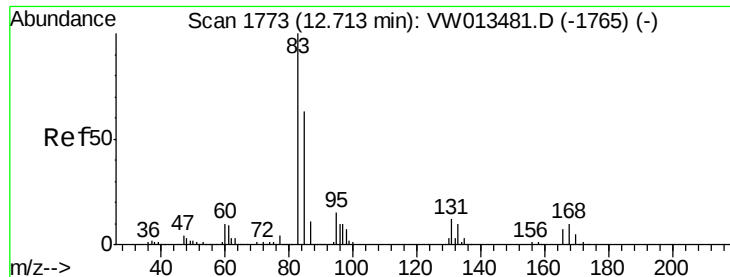
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#74
N-ethyl acetate
Concen: 55.806 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Tgt Ion	Ratio	Lower	Upper
43	100		
70	45.5	35.3	52.9
55	24.9	20.0	30.0
61	26.1	21.2	31.8





#75

1,1,2,2-Tetrachloroethane

Concen: 53.765 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Instrument :

MSVOA_W

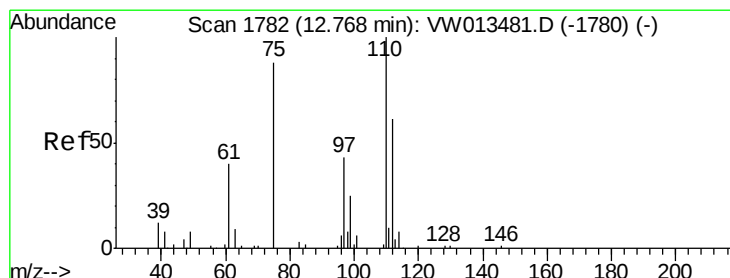
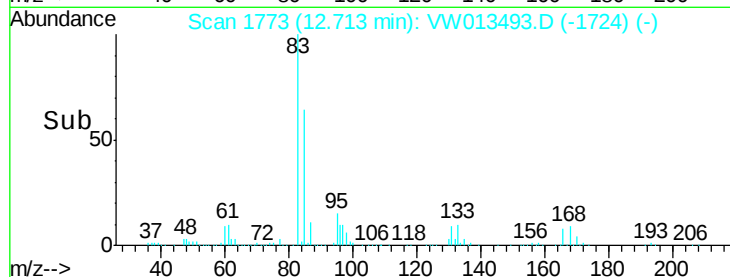
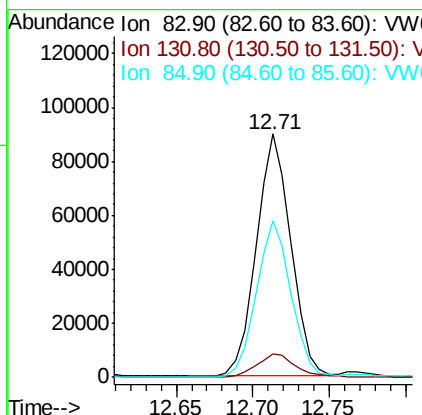
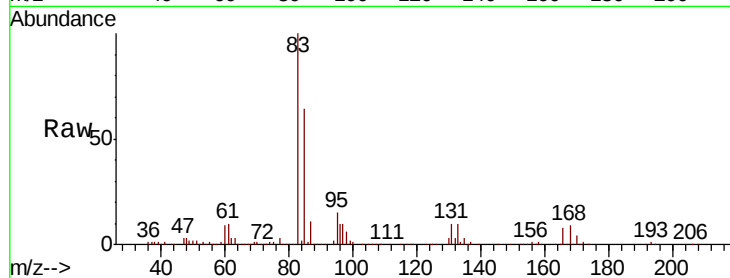
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	140702
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.9	17.7
85	65.0	32.5	97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 50.060 ug/l m

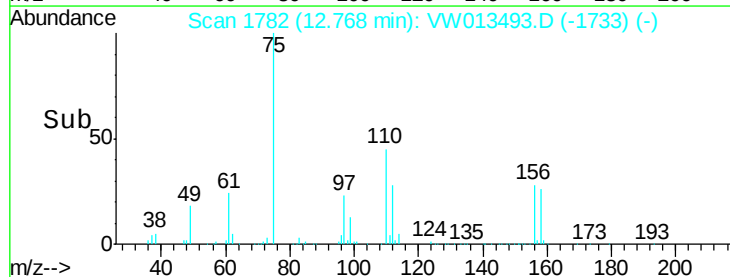
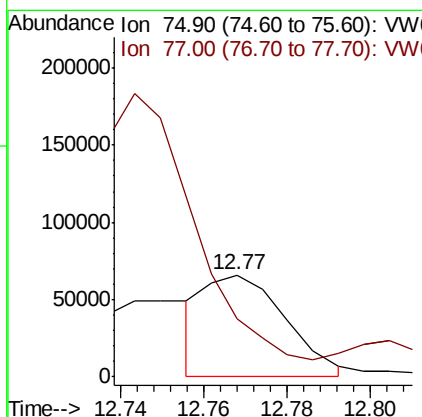
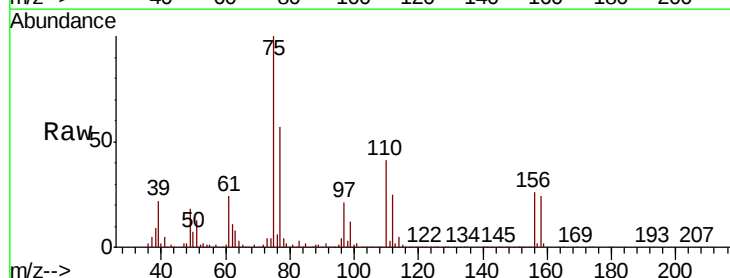
RT: 12.77 min Scan# 1782

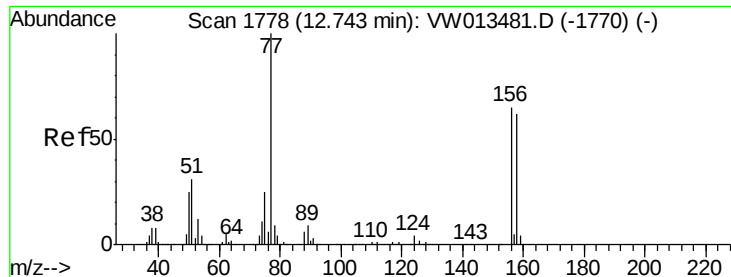
Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Tgt Ion:	75	Resp:	89366
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 54.935 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Instrument :

MSVOA_W

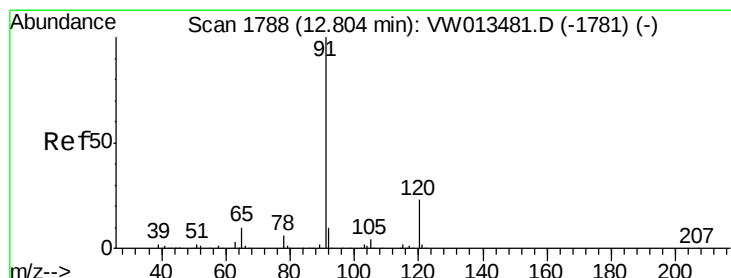
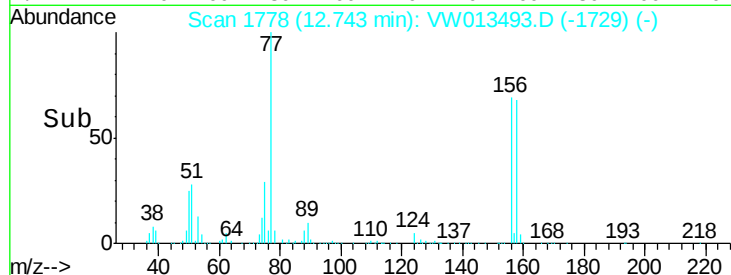
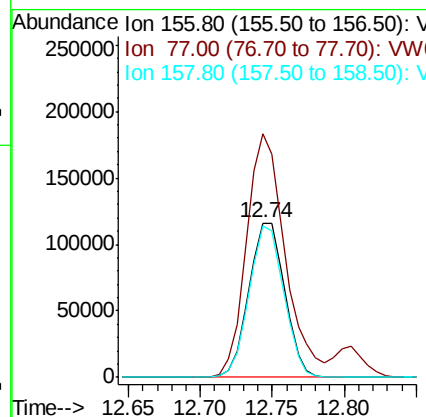
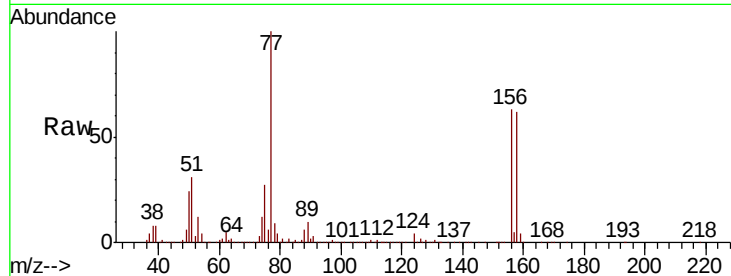
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	199925
Ion Ratio	Lower	Upper	
156	100		
77	169.5	83.7	251.0
158	94.9	49.0	147.0

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#78

n-propylbenzene

Concen: 53.566 ug/l

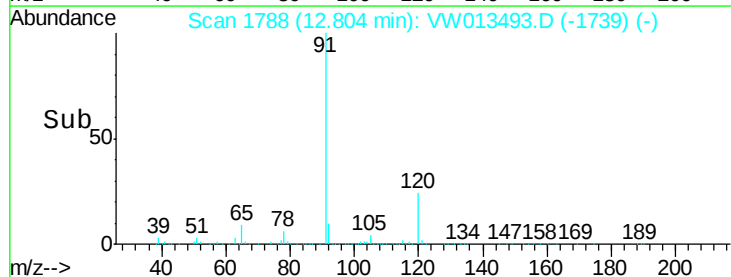
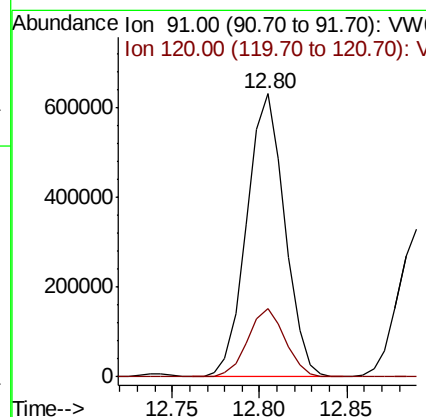
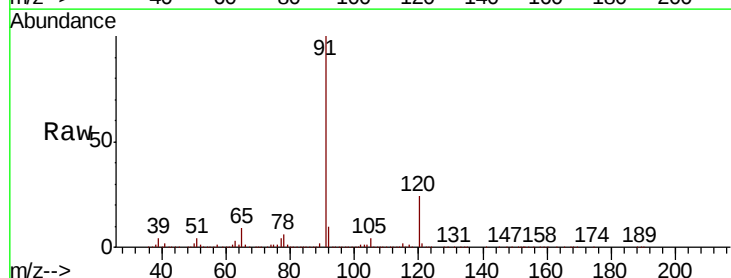
RT: 12.80 min Scan# 1788

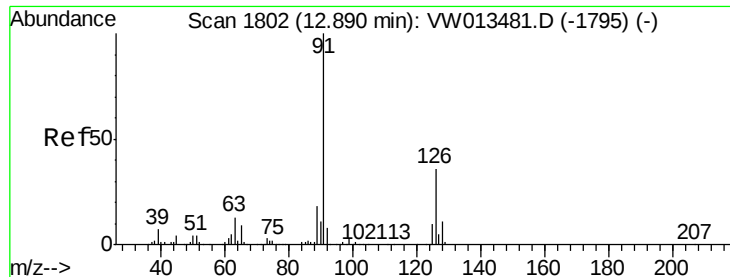
Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Tgt Ion:	91	Resp:	951026
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.7	35.1





#79

2-Chlorotoluene

Concen: 53.455 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 531719

Ion Ratio Lower Upper

91 100

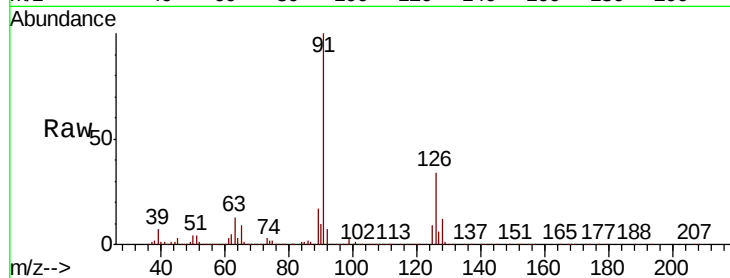
126 35.2 17.8 53.4

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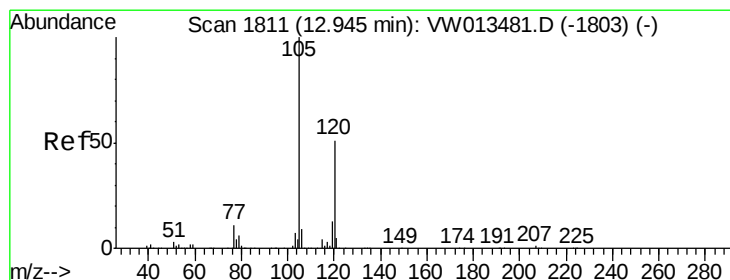
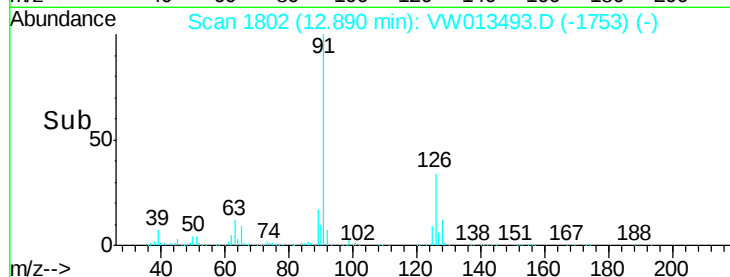
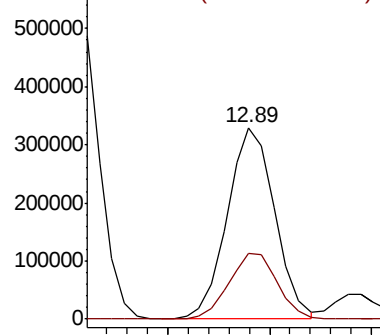
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 53.949 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW013493.D

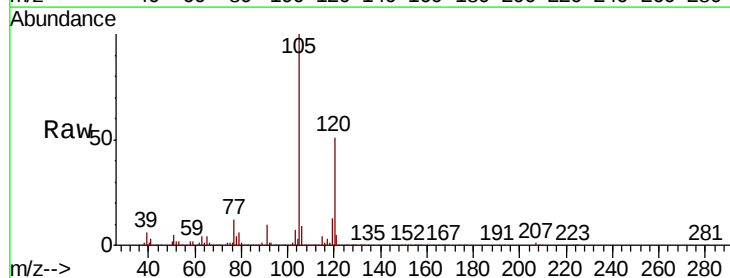
Acq: 08 Oct 2019 18:29

Tgt Ion: 105 Resp: 688238

Ion Ratio Lower Upper

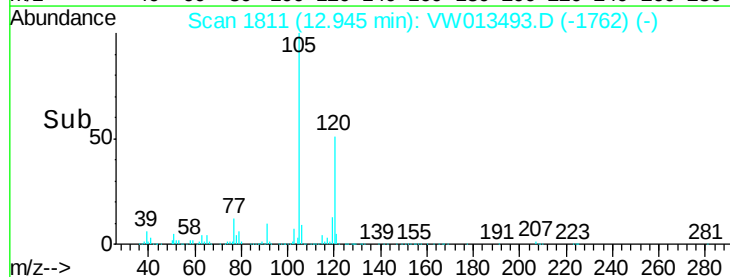
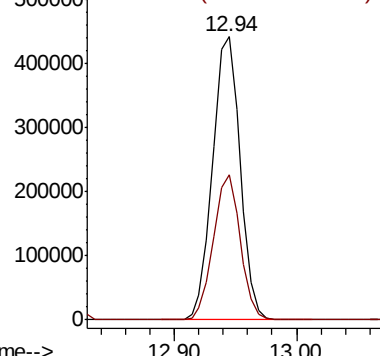
105 100

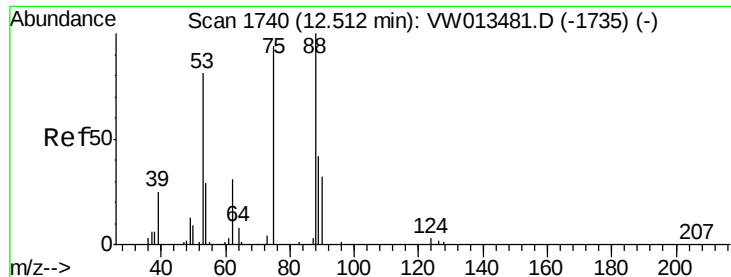
120 50.3 25.4 76.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





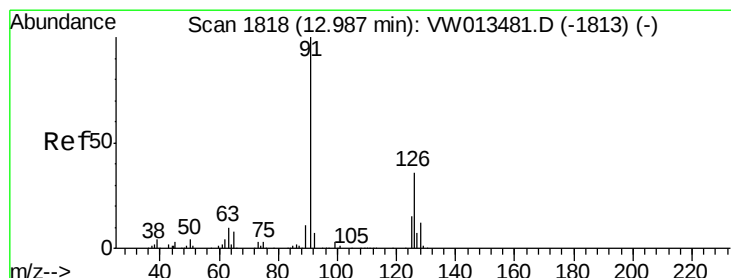
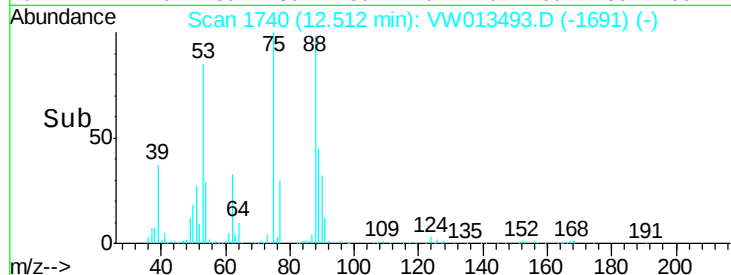
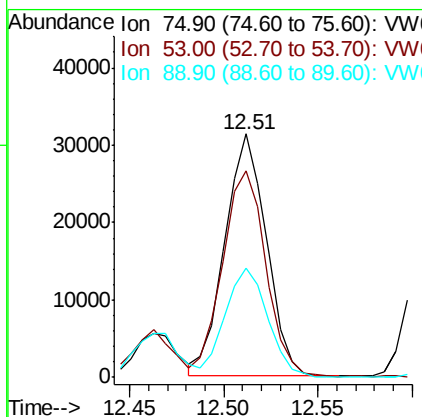
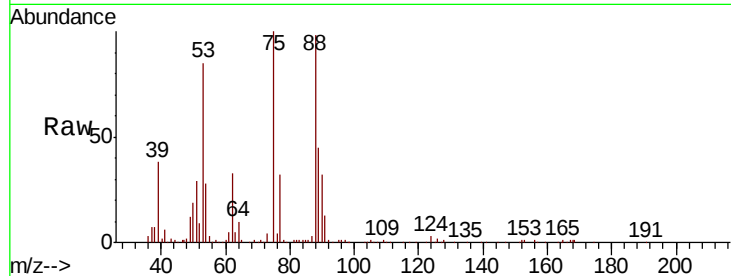
#81
trans-1,4-Dichloro-2-butene
Concen: 54.960 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	88.7	71.0	106.6
89	45.9	36.1	54.1

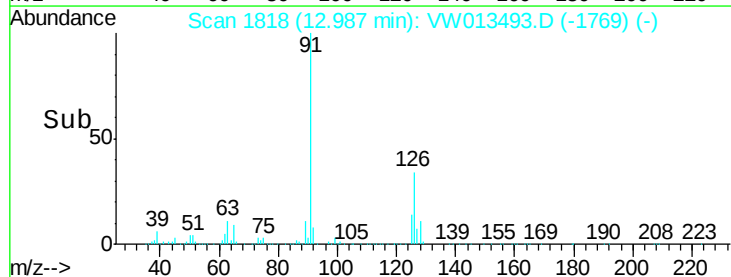
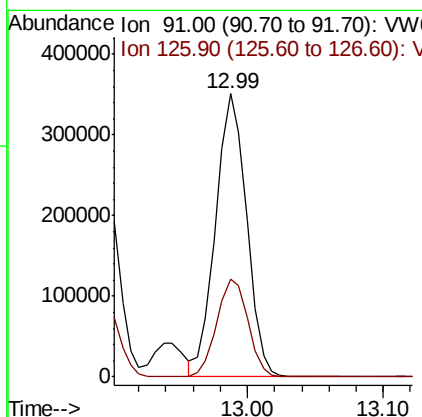
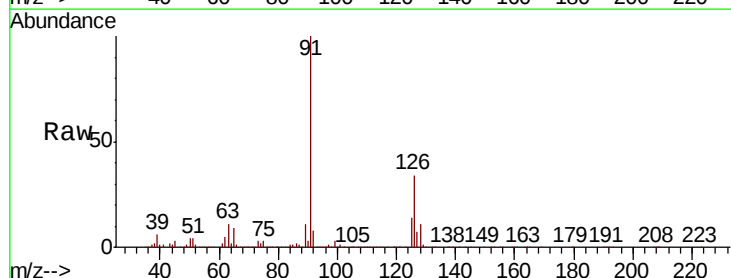
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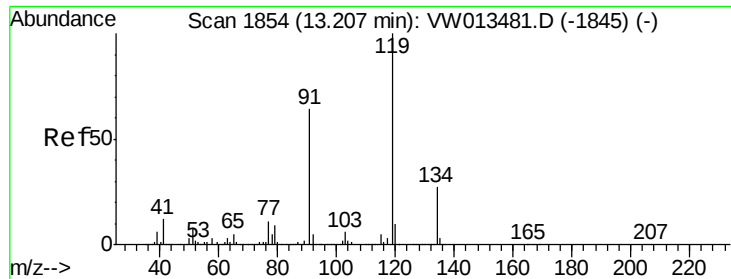
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#82
4-Chlorotoluene
Concen: 53.612 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.8	17.5	52.6





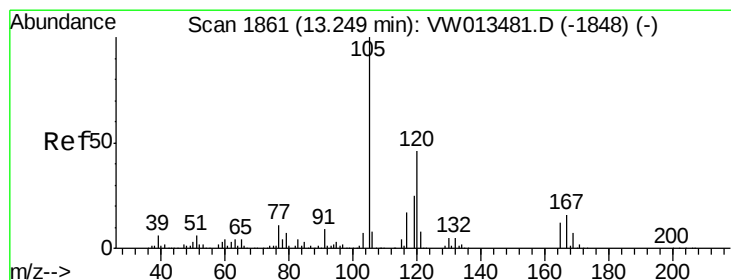
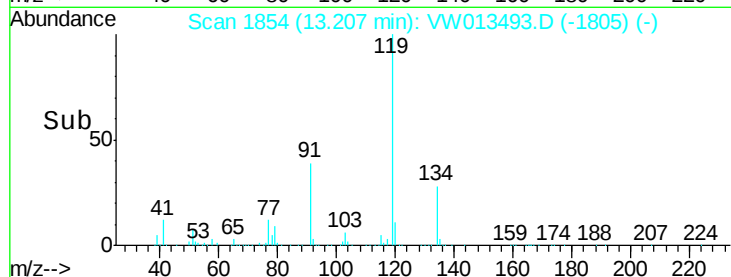
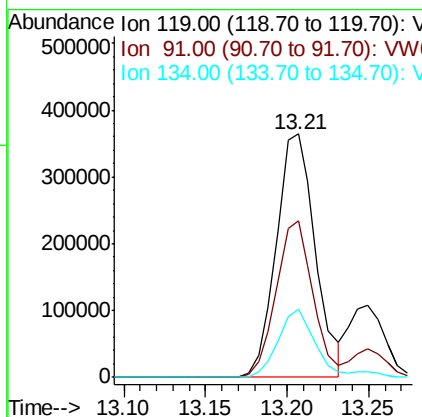
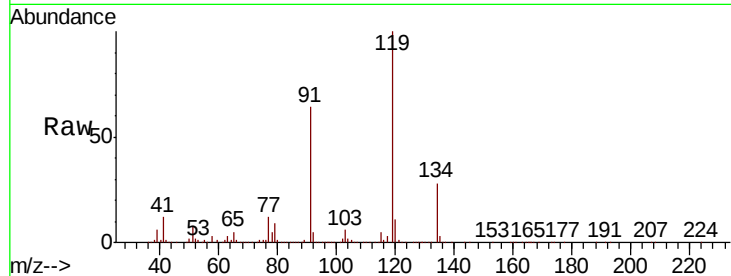
#83
tert-Butylbenzene
Concen: 53.509 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.5	30.6	91.6
134	26.1	13.8	41.3

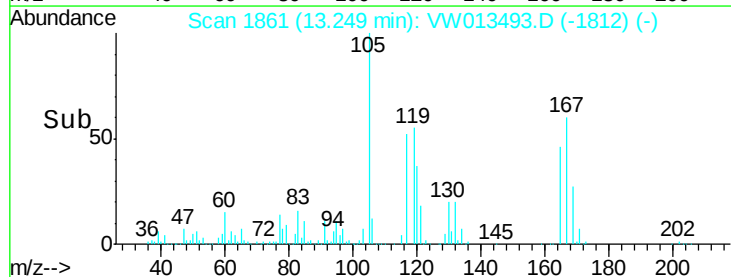
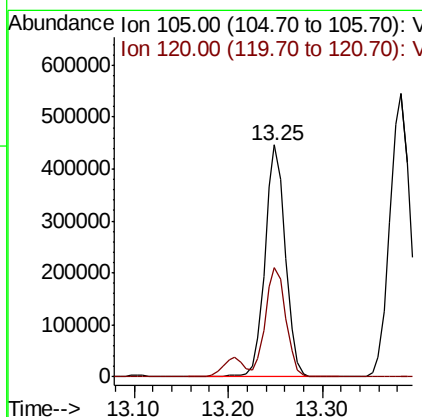
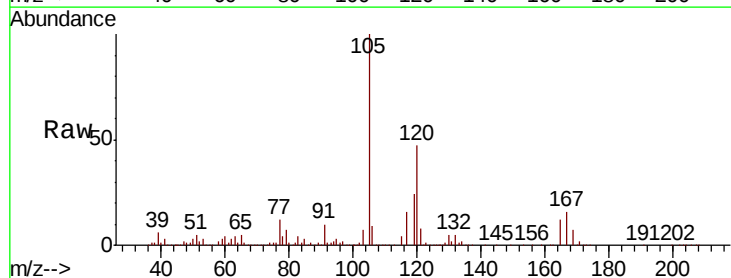
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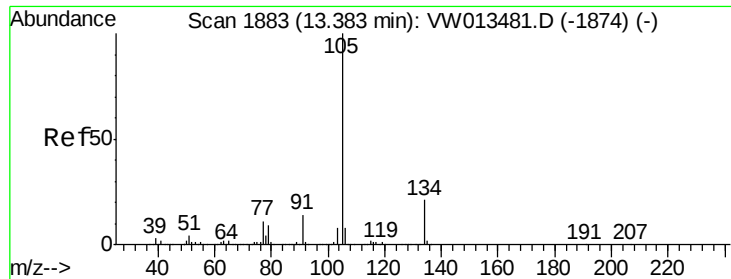
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#84
1,2,4-Trimethylbenzene
Concen: 53.780 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.3	23.2	69.5





#85

sec-Butylbenzene

Concen: 52.757 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 825860

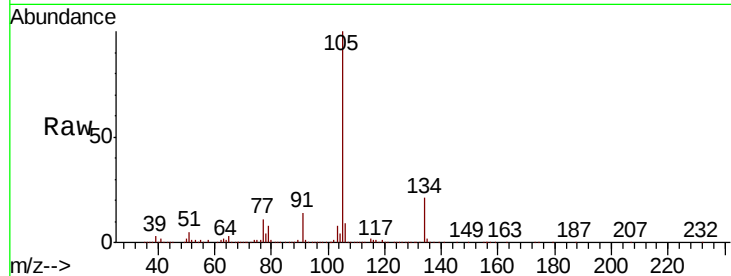
Ion Ratio Lower Upper

105 100

134 21.1 10.4 31.4

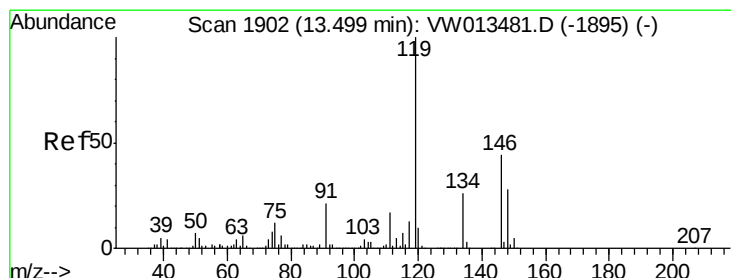
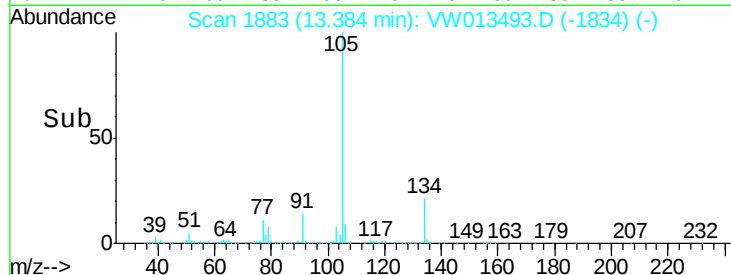
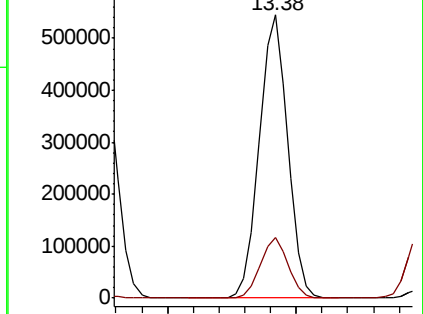
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.914 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

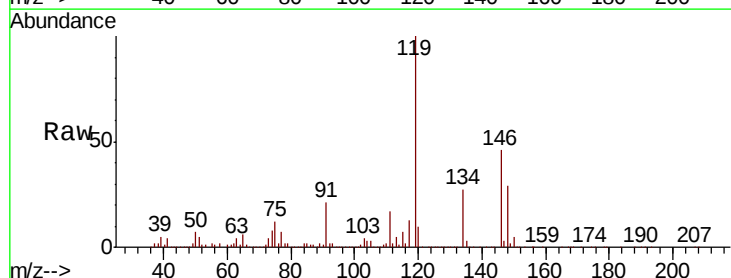
Tgt Ion:119 Resp: 775429

Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.1

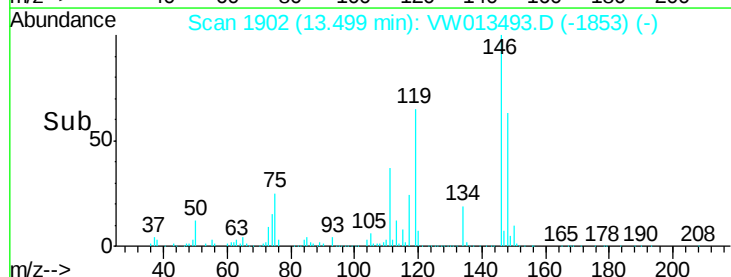
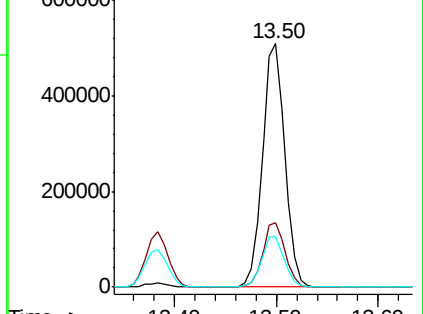
91 21.0 10.8 32.3

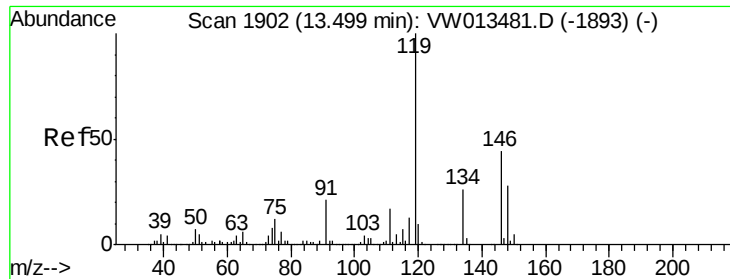


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





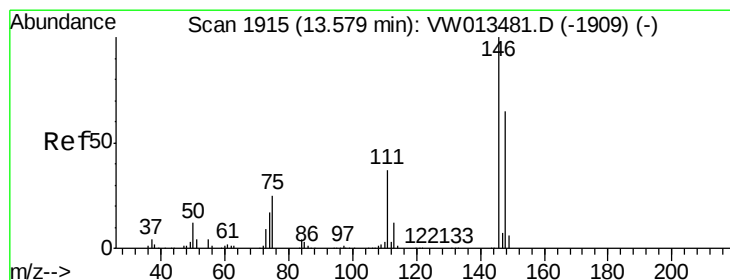
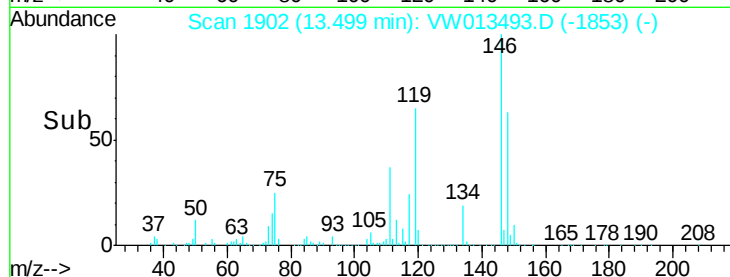
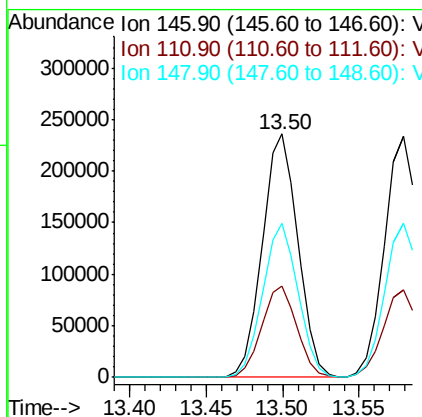
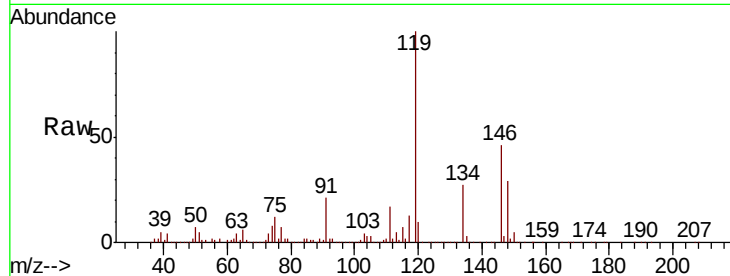
#87
 1,3-Dichlorobenzene
 Concen: 55.490 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW013493.D
 Acq: 08 Oct 2019 18:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.7	56.1
148	62.7	32.3	96.8

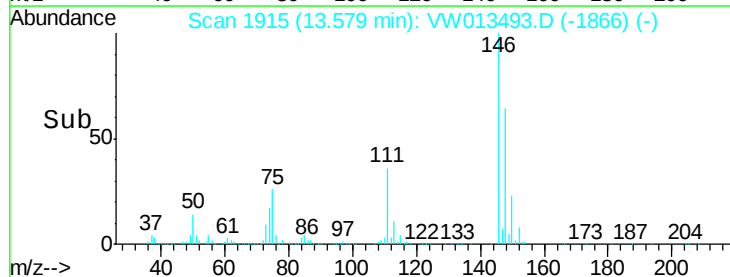
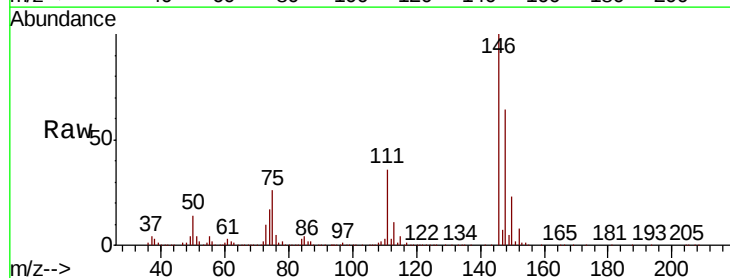
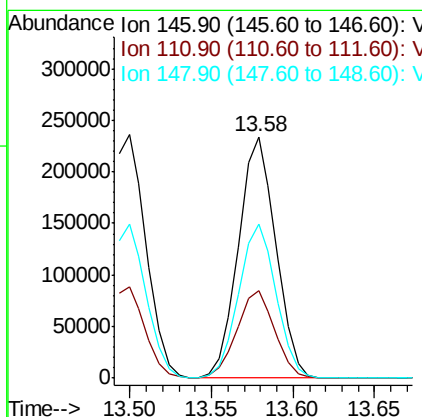
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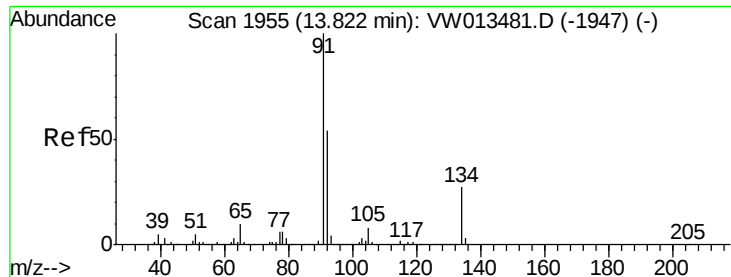
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#88
 1,4-Dichlorobenzene
 Concen: 55.313 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW013493.D
 Acq: 08 Oct 2019 18:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.4	55.4
148	63.6	32.0	96.2





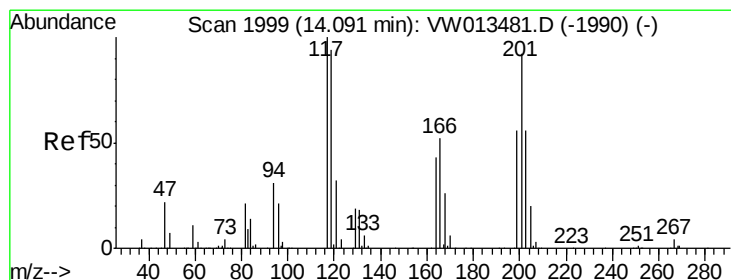
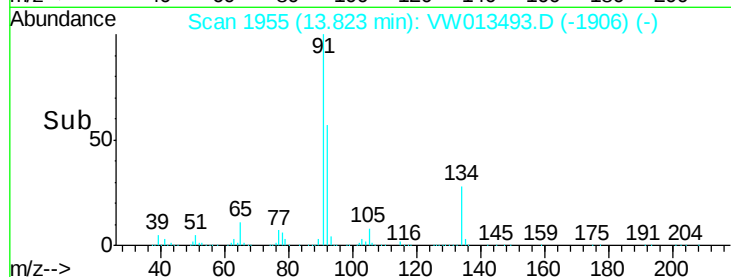
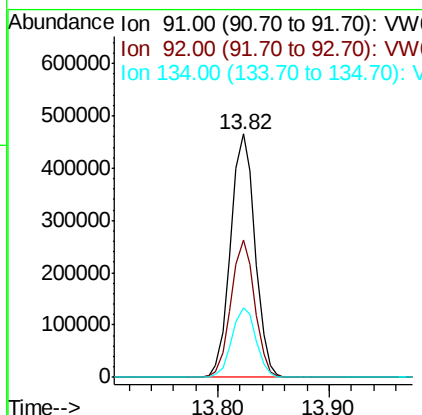
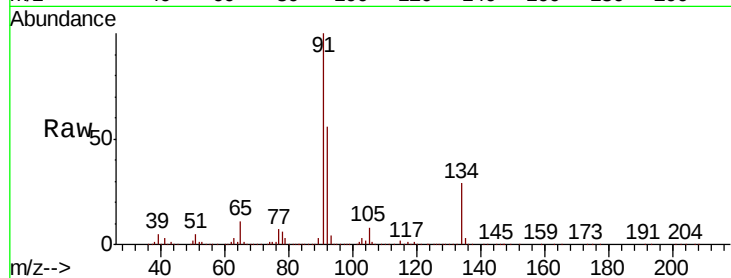
#89
n-Butylbenzene
Concen: 54.162 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.0	27.5	82.4
134	28.5	13.8	41.3

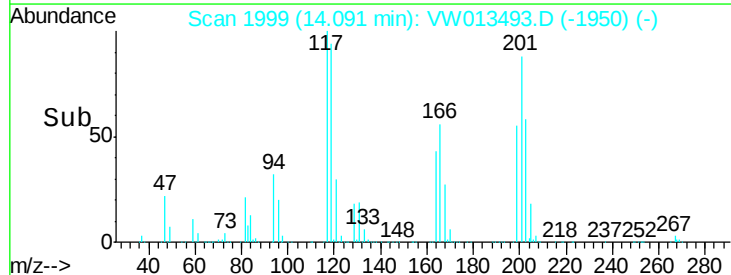
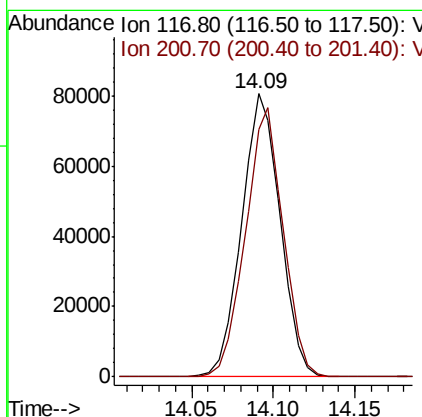
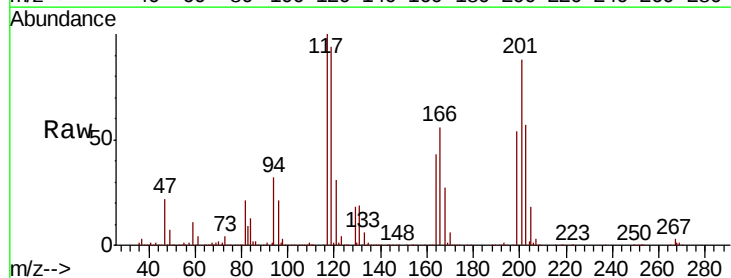
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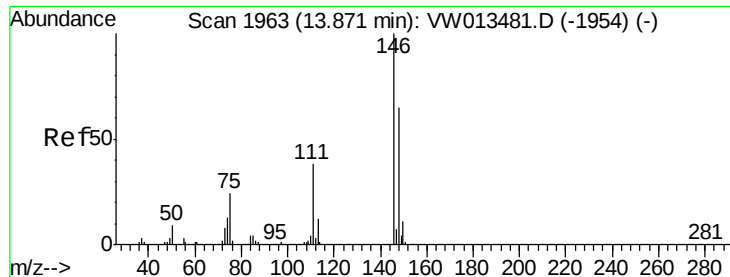
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#90
Hexachloroethane
Concen: 53.630 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.4	46.9	140.7





#91

1,2-Dichlorobenzene

Concen: 55.287 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Instrument :

MSVOA_W

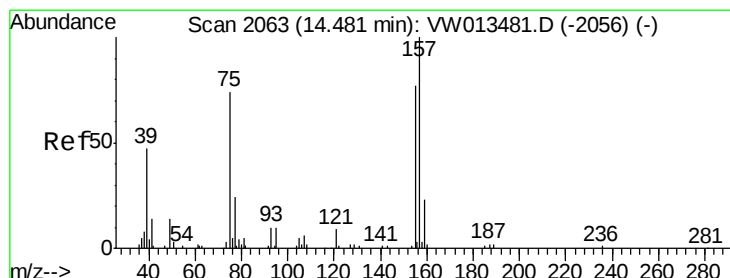
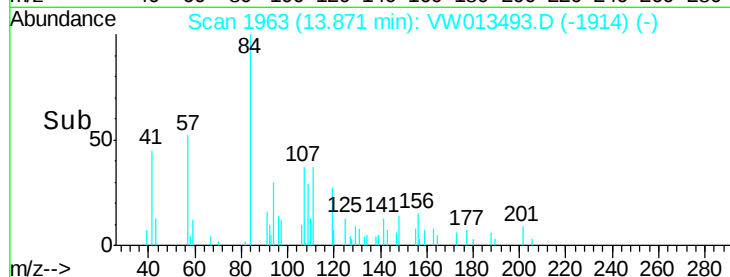
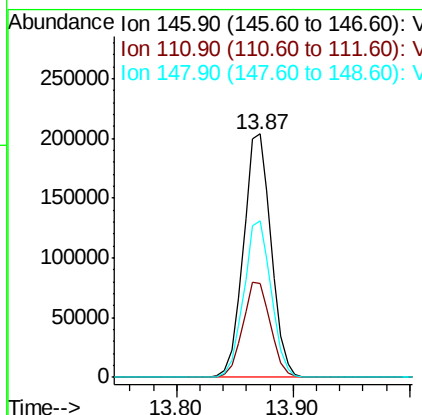
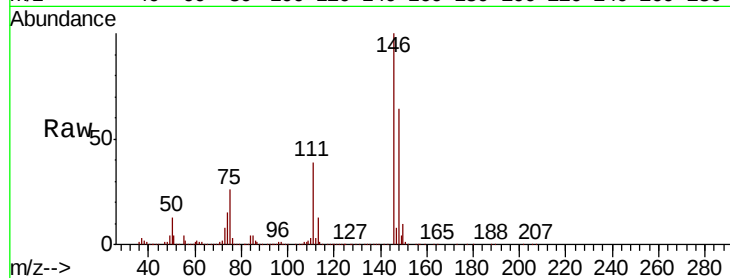
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	336845
Ion Ratio	Lower	Upper	
146	100		
111	39.3	19.4	58.2
148	64.0	31.8	95.3

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 53.916 ug/l

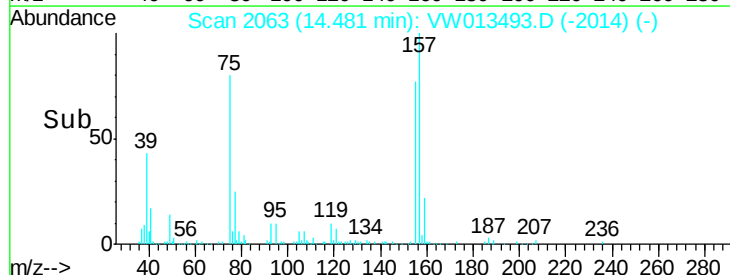
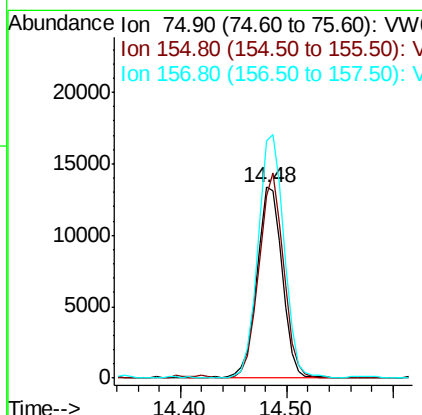
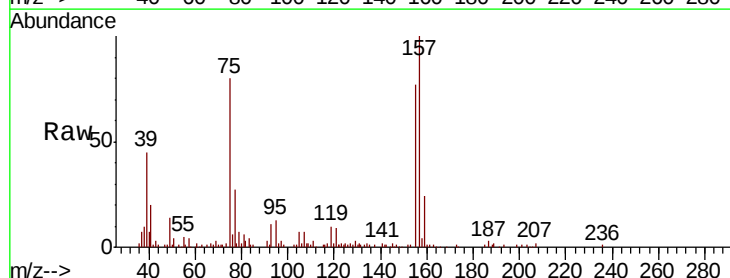
RT: 14.48 min Scan# 2063

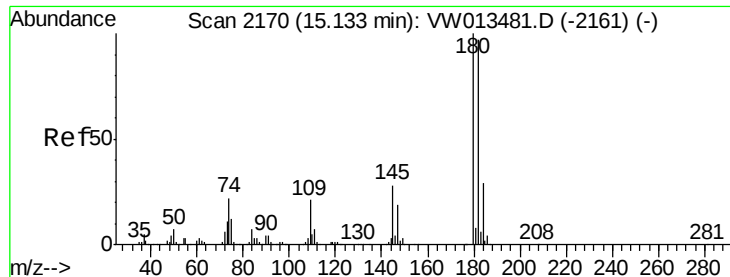
Delta R.T. 0.00 min

Lab File: VW013493.D

Acq: 08 Oct 2019 18:29

Tgt Ion:	75	Resp:	22494
Ion Ratio	Lower	Upper	
75	100		
155	103.3	51.0	153.1
157	130.5	65.9	197.7





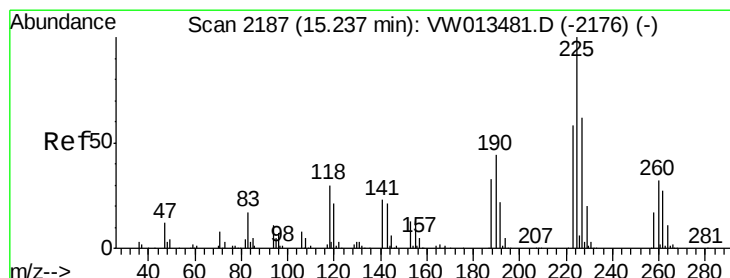
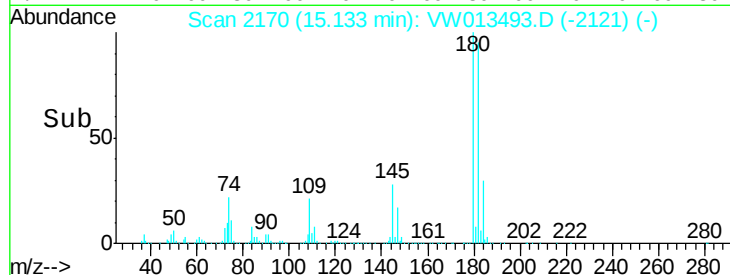
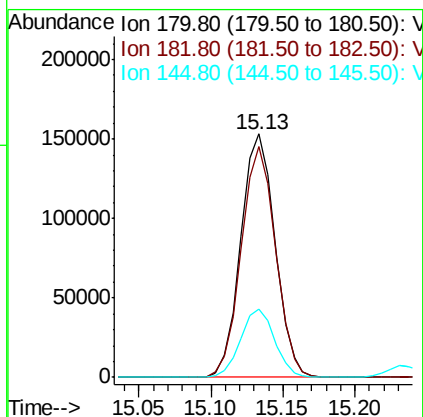
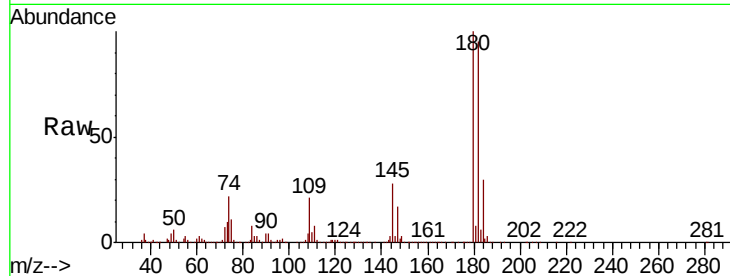
#93
 1,2,4-Trichlorobenzene
 Concen: 58.761 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW013493.D
 Acq: 08 Oct 2019 18:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	253024		
182	94.4	47.7	143.1	
145	27.8	14.0	41.9	

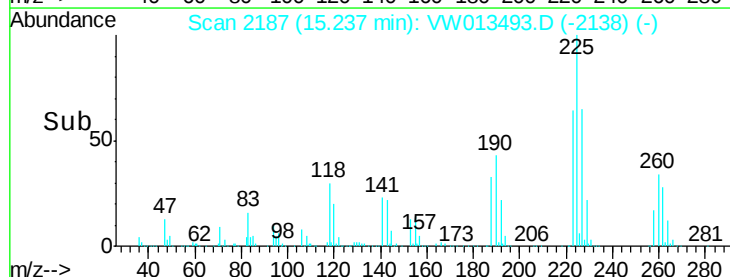
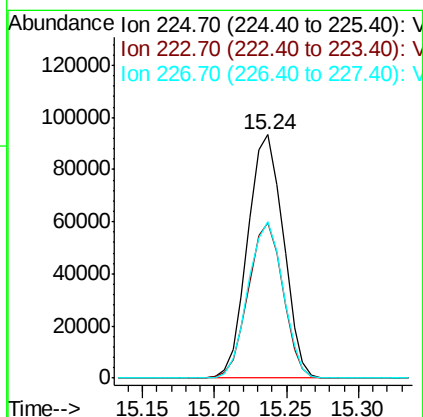
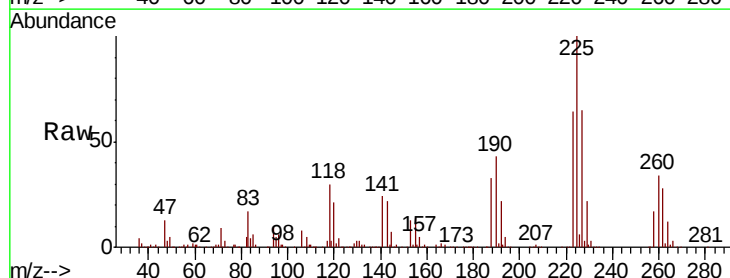
Manual Integrations
 APPROVED

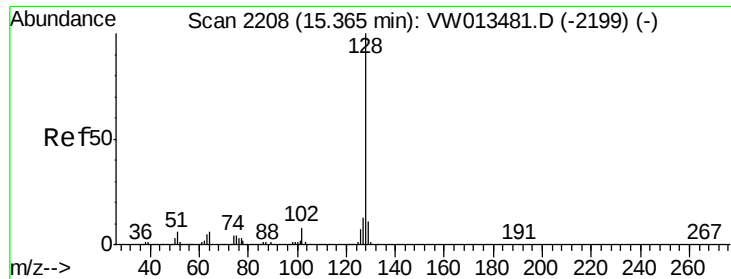
MMDadoda
 10/9/2019 4:10:23 PM



#94
 Hexachlorobutadiene
 Concen: 55.866 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW013493.D
 Acq: 08 Oct 2019 18:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	159860		
223	62.1	30.3	90.9	
227	63.3	32.0	96.0	





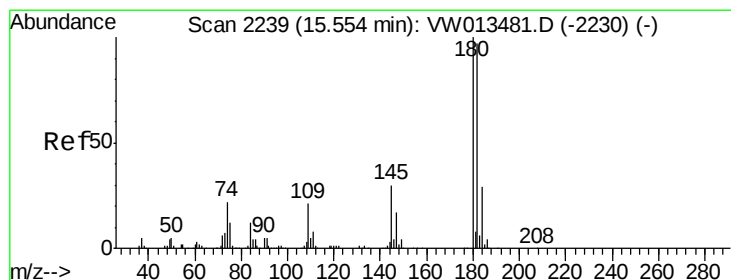
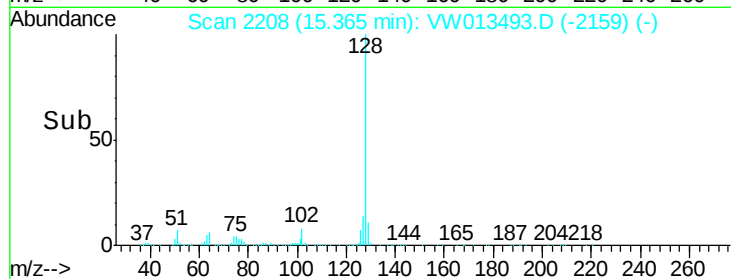
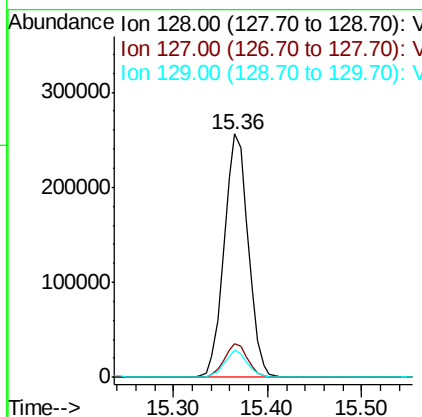
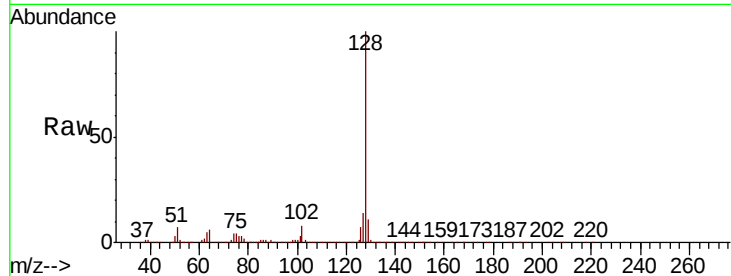
#95
Naphthalene
Concen: 60.595 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	16.0
129	10.6	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
10/9/2019 4:10:23 PM



#96
1,2,3-Trichlorobenzene
Concen: 58.459 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW013493.D
Acq: 08 Oct 2019 18:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	47.7	143.1
145	30.8	14.9	44.9

