

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050919\
 Data File : VW010332.D
 Acq On : 09 May 2019 12:06
 Operator : SY/VA
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 5/10/2019 10:07:20 AM

Quant Time: May 09 13:19:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 13:10:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	1344646	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	2158381	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1947043	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	980308	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	292189	17.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	35.22%	
35) Dibromofluoromethane	7.88	113	257952	18.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.60%	
50) Toluene-d8	10.32	98	1051601	20.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.90%	
62) 4-Bromofluorobenzene	12.62	95	359846	19.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	191333	18.662	ug/l	97
3) Chloromethane	2.21	50	253507	24.725	ug/l	98
4) Vinyl Chloride	2.37	62	330314	27.716	ug/l	98
5) Bromomethane	2.77	94	186766	23.319	ug/l	99
6) Chloroethane	2.92	64	190409	24.452	ug/l	98
7) Trichlorofluoromethane	3.25	101	161174	19.560	ug/l	94
8) Diethyl Ether	3.67	74	151612	22.119	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	278028	20.052	ug/l	97
10) Methyl Iodide	4.26	142	388453	20.273	ug/l	95
11) Tert butyl alcohol	5.18	59	102847	108.811	ug/l	99
12) 1,1-Dichloroethene	4.04	96	285566	21.483	ug/l	91
13) Acrolein	3.89	56	137196	137.973	ug/l	97
14) Allyl chloride	4.66	41	419167	17.736	ug/l	91
15) Acrylonitrile	5.37	53	420499	119.208	ug/l	99
16) Acetone	4.12	43	358760	93.183	ug/l	95
17) Carbon Disulfide	4.37	76	853047	23.394	ug/l	99
18) Methyl Acetate	4.67	43	190027	21.326	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	357897	20.729	ug/l	98
20) Methylene Chloride	4.91	84	303813	17.152	ug/l	92
21) trans-1,2-Dichloroethene	5.42	96	314921	21.878	ug/l	94
22) Diisopropyl ether	6.31	45	892074	18.609	ug/l	93
23) Vinyl Acetate	6.25	43	3023231	100.181	ug/l	96
24) 1,1-Dichloroethane	6.21	63	572106	19.964	ug/l	100
25) 2-Butanone	7.17	43	580612	114.802	ug/l	97
26) 2,2-Dichloropropane	7.16	77	286883	18.094	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	322283	20.358	ug/l	96
28) Bromochloromethane	7.51	49	239425	20.444	ug/l	100
29) Tetrahydrofuran	7.53	42	384335	119.932	ug/l	96
30) Chloroform	7.67	83	543967	18.944	ug/l	99
31) Cyclohexane	7.95	56	569516	21.223	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	407713	18.086	ug/l	99
36) 1,1-Dichloropropene	8.08	75	466497	21.159	ug/l	99
37) Ethyl Acetate	7.26	43	262920	23.468	ug/l	99
38) Carbon Tetrachloride	8.06	117	389766	18.114	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	546808	22.040	ug/l	98
40) Benzene	8.32	78	1281439	21.257	ug/l	99
41) Methacrylonitrile	7.48	41	139893	21.909	ug/l	95
42) 1,2-Dichloroethane	8.40	62	371024	17.909	ug/l	96
43) Isopropyl Acetate	8.43	43	416895	19.858	ug/l	99
44) Trichloroethene	9.09	130	314189	20.520	ug/l	95
45) 1,2-Dichloropropane	9.37	63	317977	20.067	ug/l	97
46) Dibromomethane	9.46	93	164814	20.068	ug/l	96
47) Bromodichloromethane	9.64	83	396489	18.702	ug/l	99
48) Methyl methacrylate	9.44	41	194650	19.047	ug/l	84
49) 1,4-Dioxane	9.45	88	60248	480.106	ug/l	92
51) 4-Methyl-2-Pentanone	10.21	43	1239786	112.753	ug/l	94
52) Toluene	10.39	92	794686	21.162	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	400413	19.050	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	474856	19.785	ug/l	89
55) 1,1,2-Trichloroethane	10.79	97	234733	20.478	ug/l	98
56) Ethyl methacrylate	10.65	69	308816	21.671	ug/l #	87
57) 1,3-Dichloropropane	10.93	76	425486	20.710	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	801606	122.149	ug/l	99
59) 2-Hexanone	10.97	43	870928	113.785	ug/l	92
60) Dibromochloromethane	11.13	129	251643	18.994	ug/l	98
61) 1,2-Dibromoethane	11.24	107	227014	20.819	ug/l	97
64) Tetrachloroethene	10.86	164	263098	20.815	ug/l	97
65) Chlorobenzene	11.66	112	803035	20.151	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	271628	19.060	ug/l	98
67) Ethyl Benzene	11.73	91	1476586	20.768	ug/l	99
68) m/p-Xylenes	11.84	106	1111620	41.825	ug/l	100
69) o-Xylene	12.17	106	492247	20.341	ug/l	98
70) Styrene	12.18	104	883219	21.167	ug/l	98
71) Bromoform	12.35	173	154102	20.450	ug/l	97
73) Isopropylbenzene	12.47	105	1404277	20.582	ug/l	100
74) N-amyl acetate	12.27	43	365852	19.363	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.72	83	310692	23.049	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	230454m	23.488	ug/l	
77) Bromobenzene	12.75	156	317219	20.216	ug/l	96
78) n-propylbenzene	12.80	91	1765591	20.880	ug/l	99
79) 2-Chlorotoluene	12.90	91	987606	20.308	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1219366	21.079	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	96617	23.220	ug/l	96
82) 4-Chlorotoluene	12.99	91	1052771	20.568	ug/l	99
83) tert-Butylbenzene	13.21	119	974779	20.348	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	1215071	20.717	ug/l	100
85) sec-Butylbenzene	13.39	105	1465474	20.471	ug/l	99
86) p-Isopropyltoluene	13.50	119	1315144	20.843	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	635343	20.030	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	631966	19.961	ug/l	98
89) n-Butylbenzene	13.83	91	1305892	20.889	ug/l	99
90) Hexachloroethane	14.10	117	232236	19.216	ug/l	92
91) 1,2-Dichlorobenzene	13.87	146	573684	20.171	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	57409	23.799	ug/l	98

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ClientSampleId :
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QLast Update : Thu May 09 13:10:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	387785	20.668	ug/l	99
94) Hexachlorobutadiene	15.24	225	241928	21.233	ug/l	99
95) Naphthalene	15.37	128	781782	23.208	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	361255	22.192	ug/l	99

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

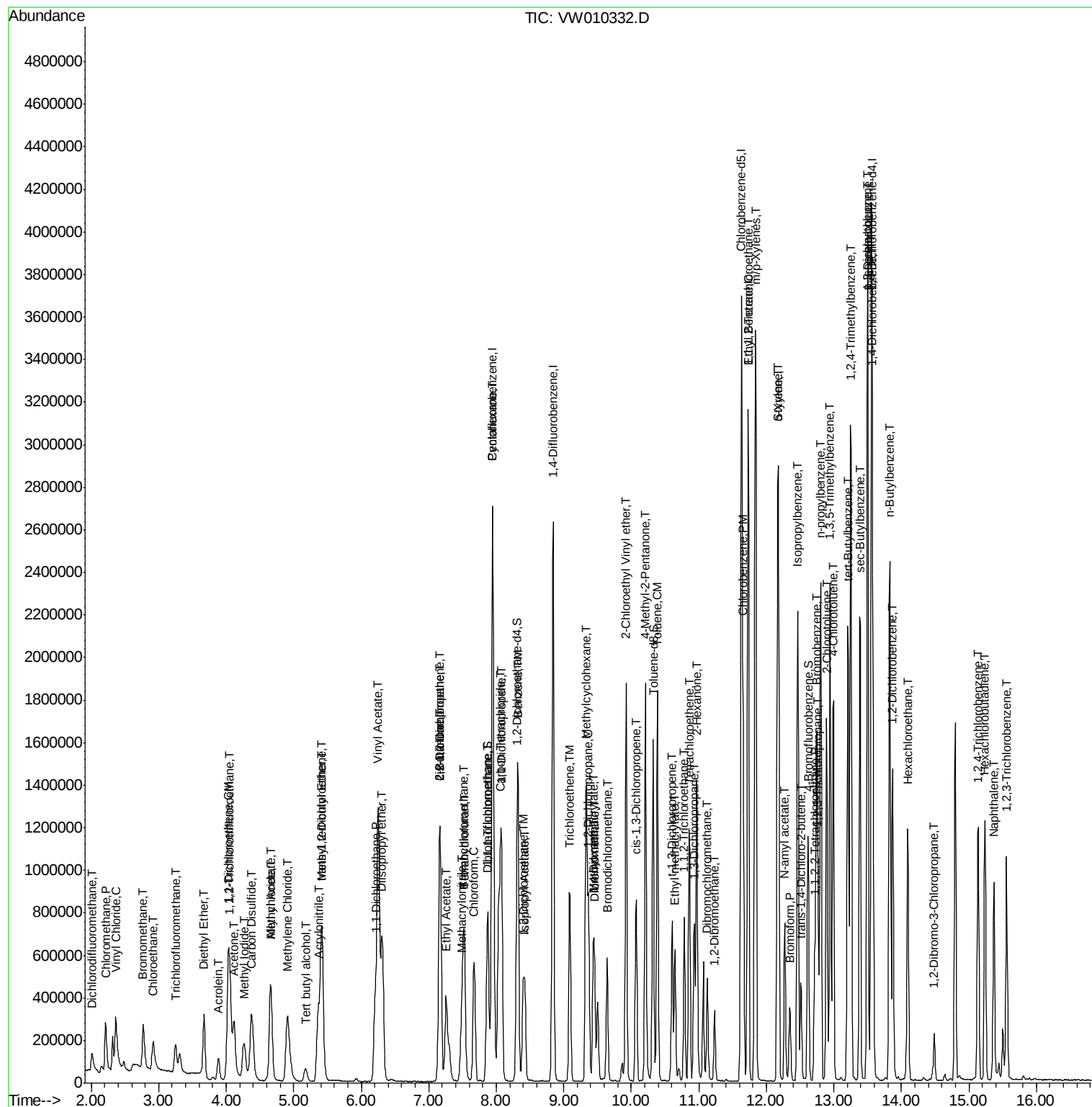
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW050919\
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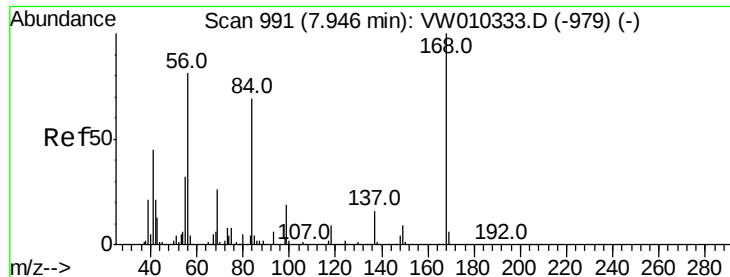
Instrument :
 MSVOA_W
 ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW010332.D

Acq: 09 May 2019 12:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion:168 Resp: 1344646

Ion Ratio Lower Upper

168 100

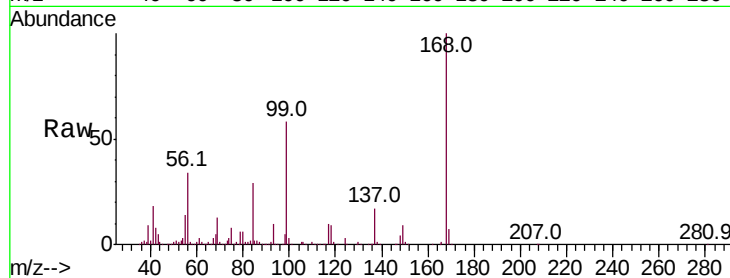
99 58.3 48.4 72.6

Manual Integrations

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5/10/2019 10:07:20 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

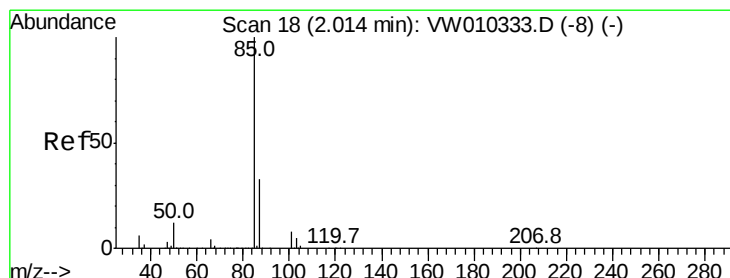
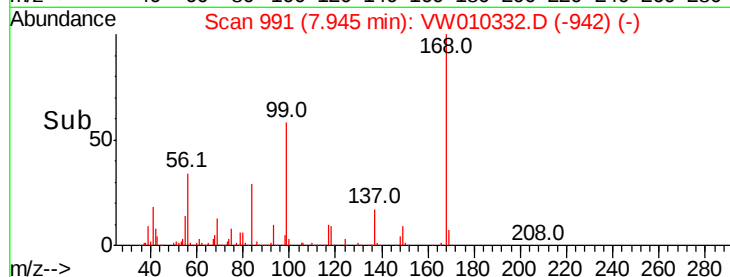
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400000

200000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.662 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW010332.D

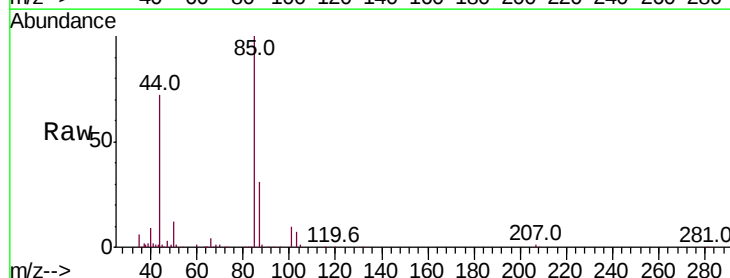
Acq: 09 May 2019 12:06

Tgt Ion: 85 Resp: 191333

Ion Ratio Lower Upper

85 100

87 31.0 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

60000

50000

40000

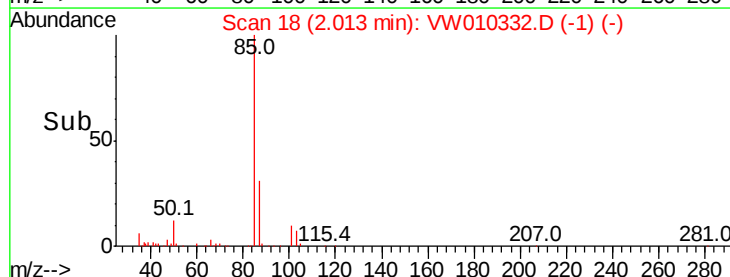
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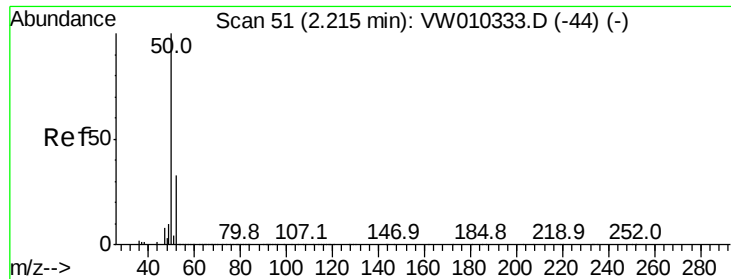
20000

10000

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Time-->





#3

Chloromethane

Concen: 24.725 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW010332.D

Acq: 09 May 2019 12:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion: 50 Resp: 253507

Ion Ratio Lower Upper

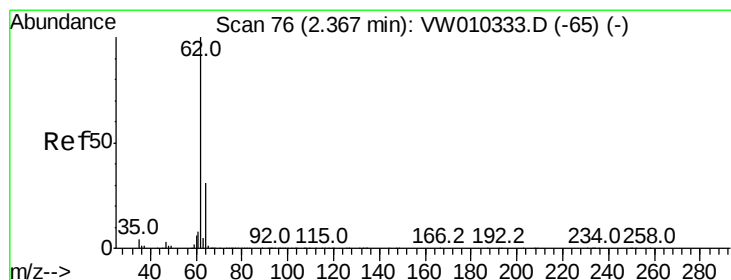
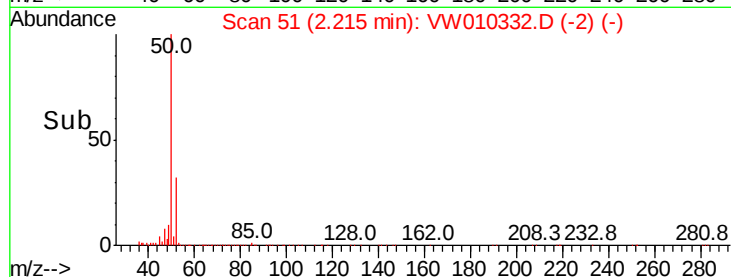
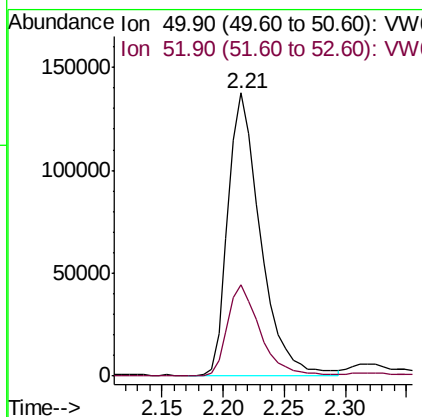
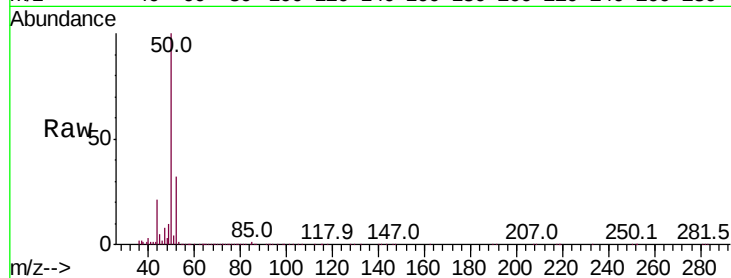
50 100

52 32.4 25.0 37.6

Manual Integrations
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#4

Vinyl Chloride

Concen: 27.716 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW010332.D

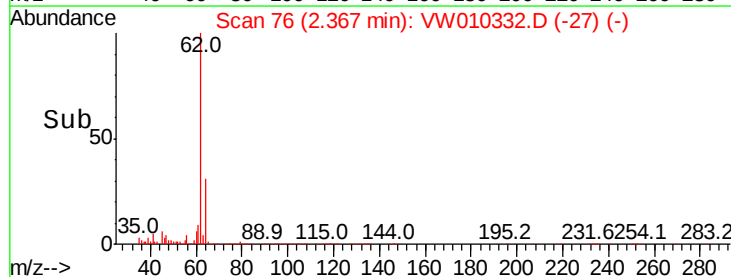
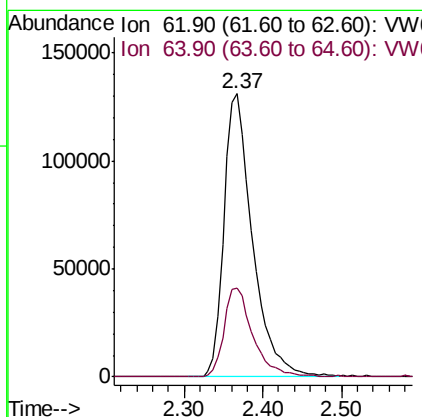
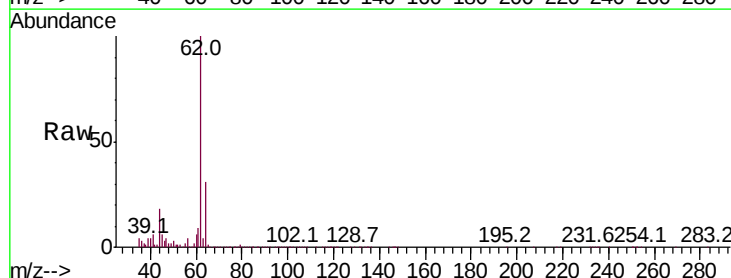
Acq: 09 May 2019 12:06

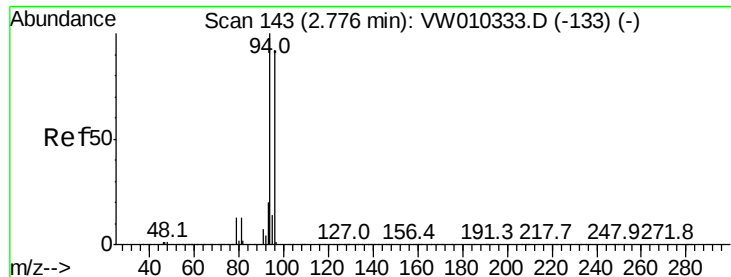
Tgt Ion: 62 Resp: 330314

Ion Ratio Lower Upper

62 100

64 31.5 25.9 38.9





#5

Bromomethane

Concen: 23.319 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW010332.D

Acq: 09 May 2019 12:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion: 94 Resp: 186766

Ion Ratio Lower Upper

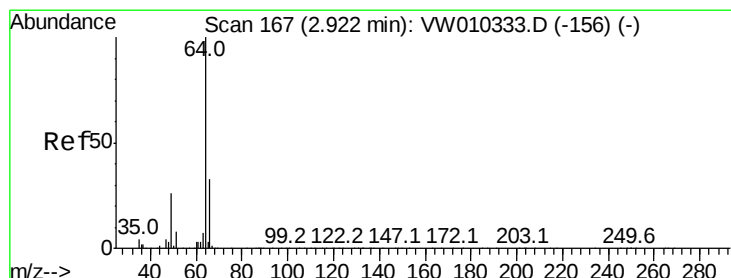
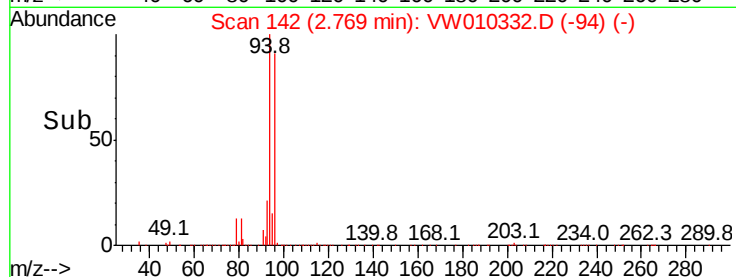
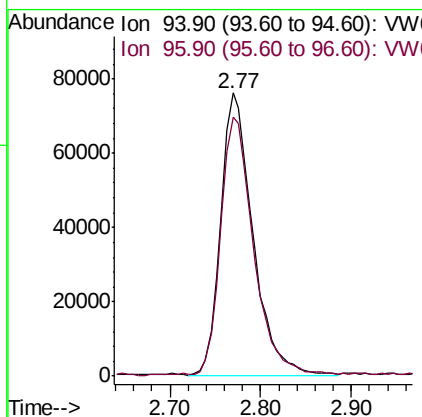
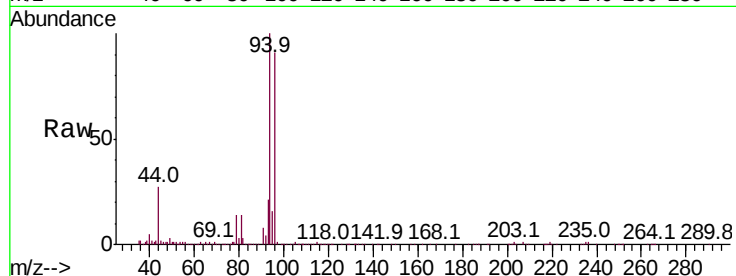
94 100

96 91.4 74.2 111.2

Manual Integrations
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#6

Chloroethane

Concen: 24.452 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW010332.D

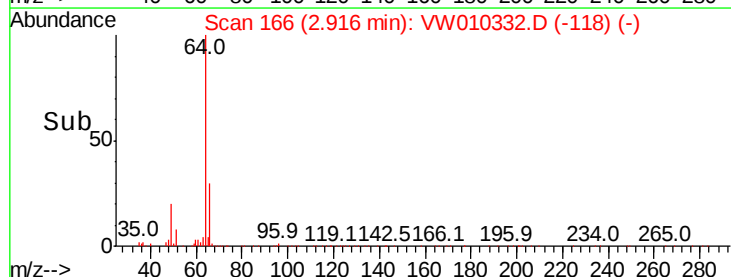
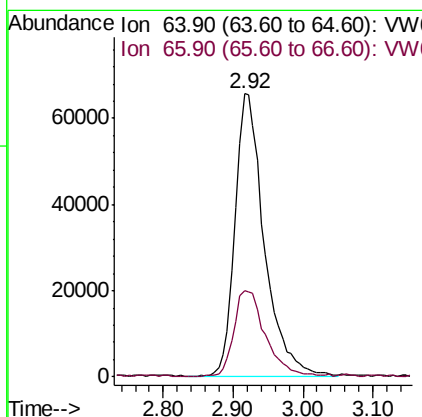
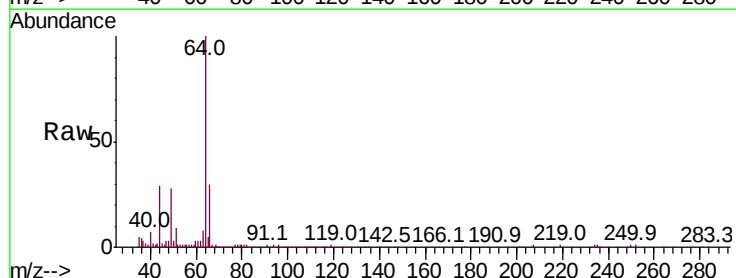
Acq: 09 May 2019 12:06

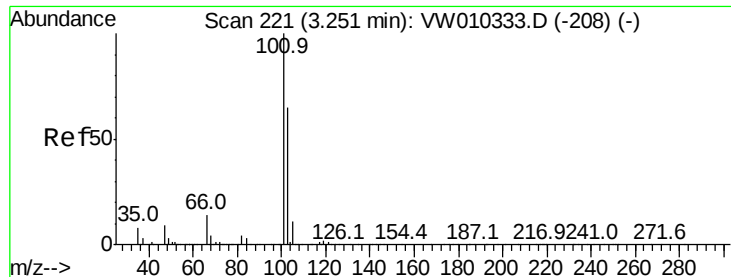
Tgt Ion: 64 Resp: 190409

Ion Ratio Lower Upper

64 100

66 30.1 23.4 35.0





#7

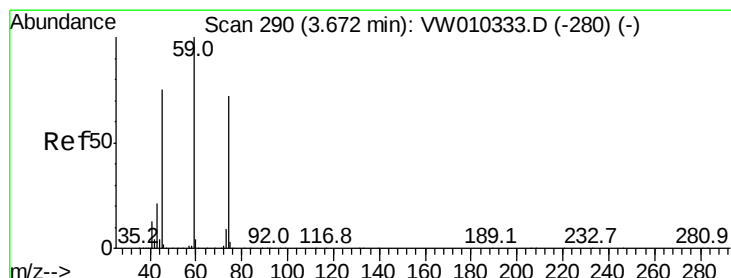
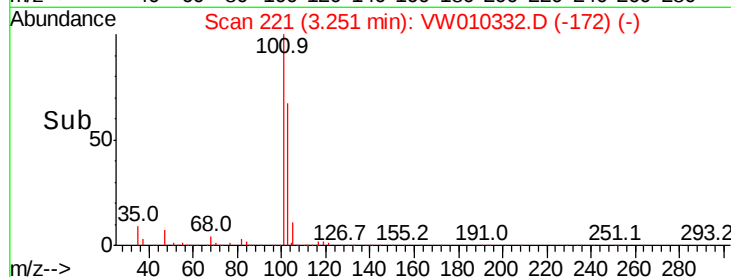
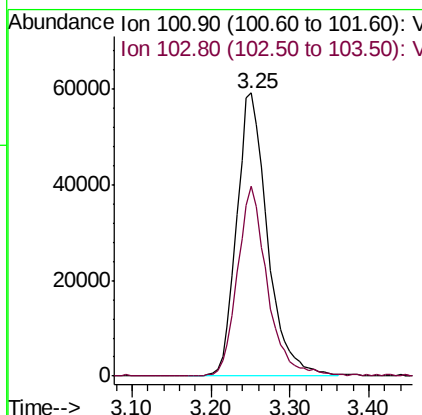
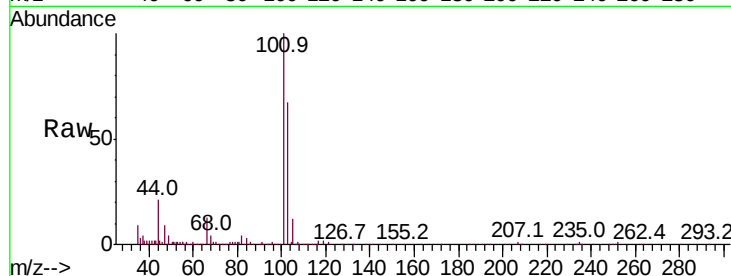
Trichlorofluoromethane
Concen: 19.560 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.00 min
Lab File: VW010332.D
Acq: 09 May 2019 12:06

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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.9	49.8	74.6

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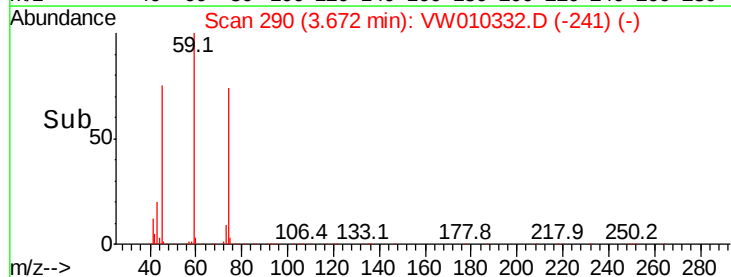
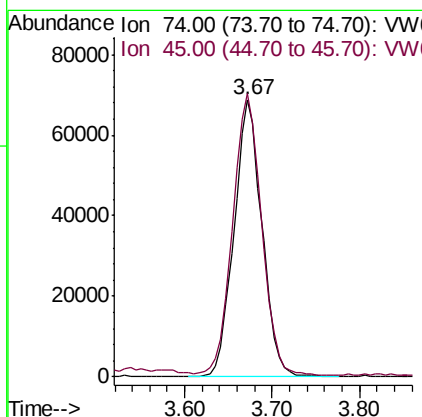
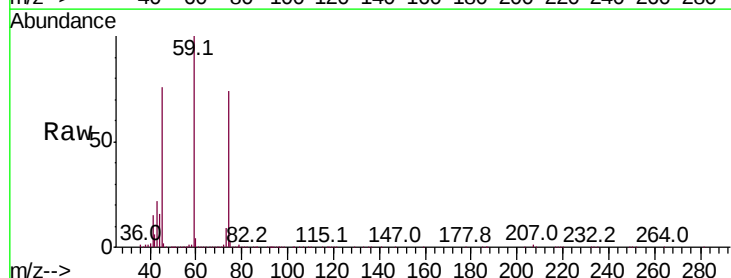
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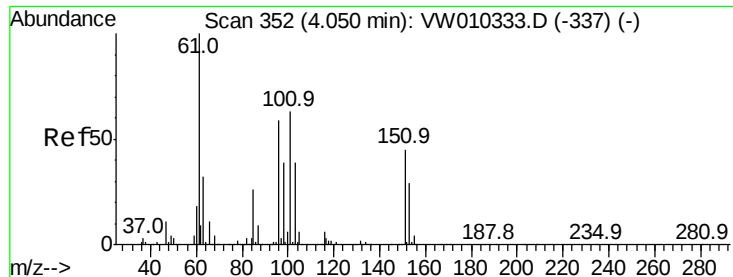


#8

Diethyl Ether
Concen: 22.119 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.00 min
Lab File: VW010332.D
Acq: 09 May 2019 12:06

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.8	56.0	168.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.052 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW010332.D

Acq: 09 May 2019 12:06

Instrument :

MSVOA_W

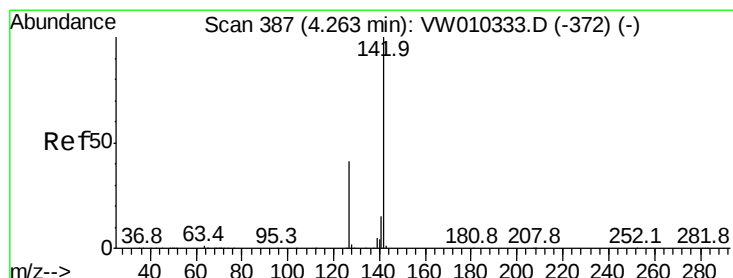
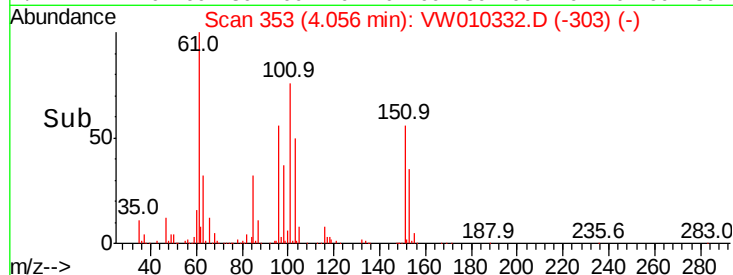
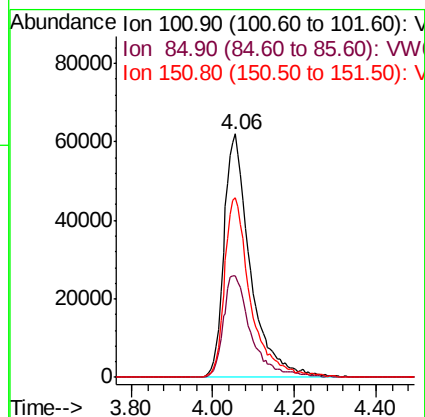
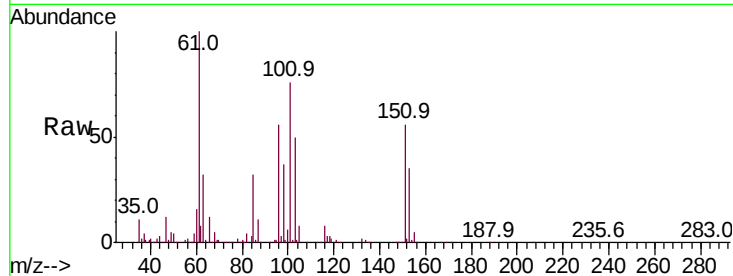
ClientSampleId :

VSTDIC020

Tot Ion:	101	Resp:	278028
Ion Ratio	Lower	Upper	
101	100		
85	43.8	36.3	54.5
151	72.2	60.2	90.2

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#10

Methyl Iodide

Concen: 20.273 ug/l

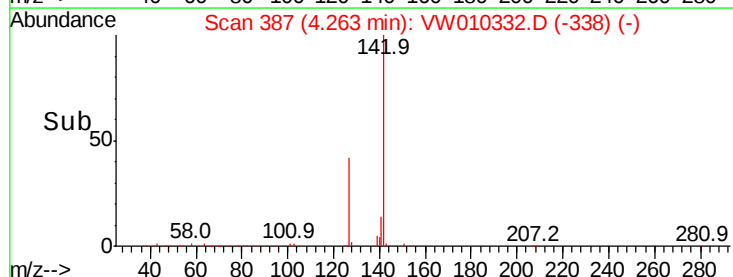
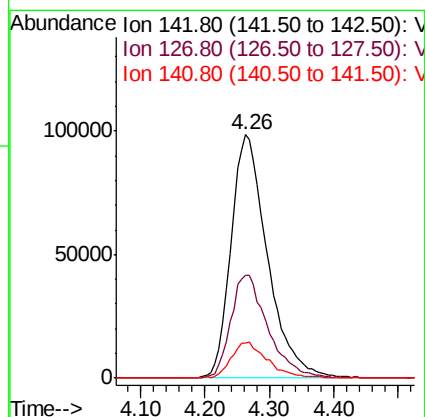
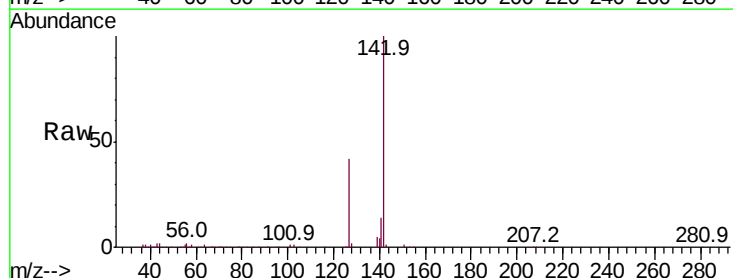
RT: 4.26 min Scan# 387

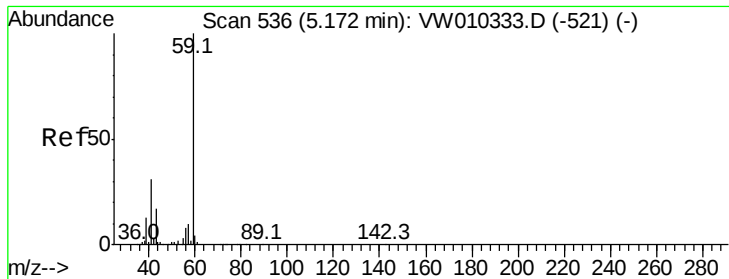
Delta R.T. -0.00 min

Lab File: VW010332.D

Acq: 09 May 2019 12:06

Tgt Ion:	142	Resp:	388453
Ion Ratio	Lower	Upper	
142	100		
127	43.1	38.1	57.1
141	14.8	12.2	18.2





#11

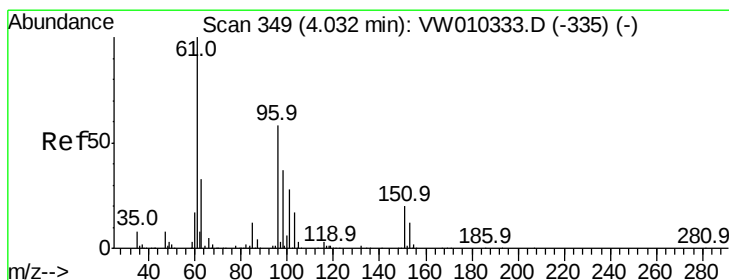
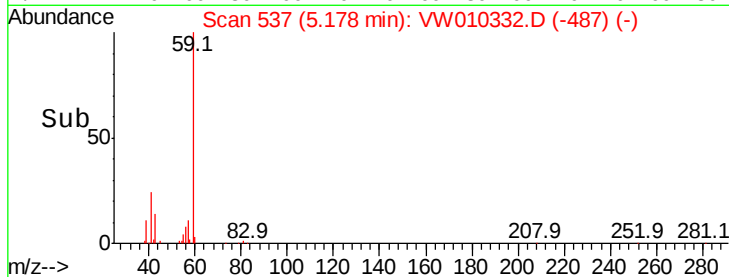
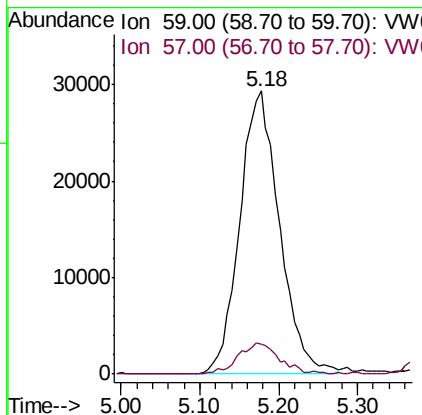
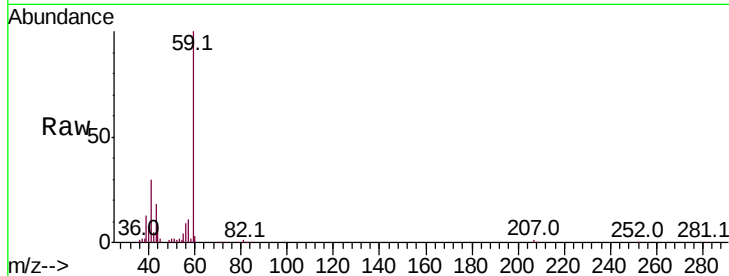
Tert butyl alcohol
 Concen: 108.811 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. 0.01 min
 Lab File: VW010332.D
 Acq: 09 May 2019 12:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.6	9.0	13.4

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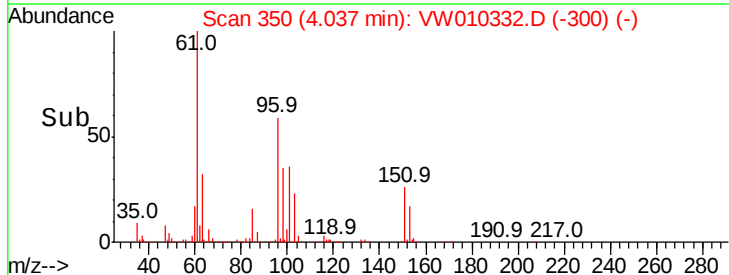
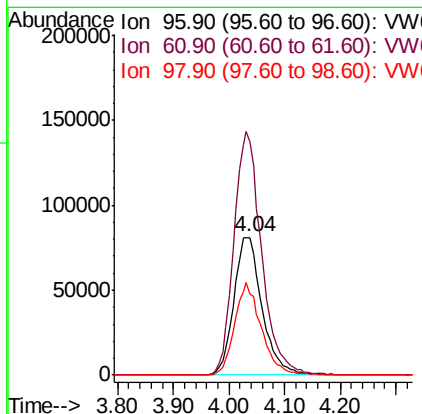
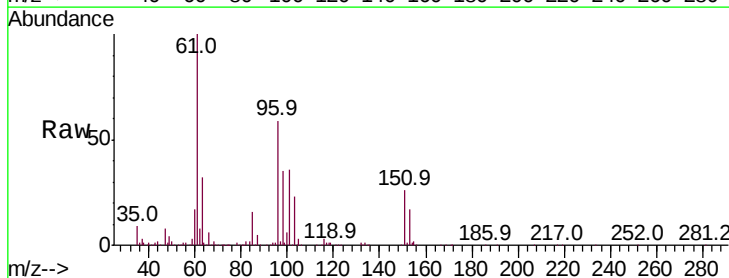
MMDadoda
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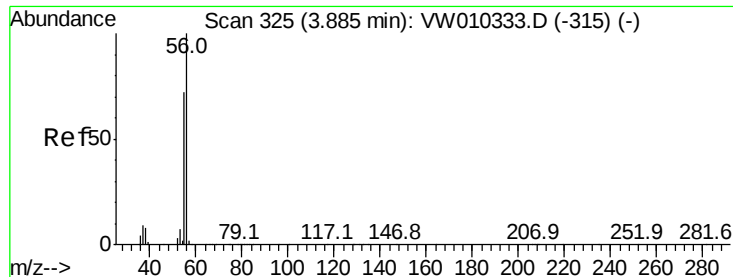


#12

1,1-Dichloroethene
 Concen: 21.483 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.01 min
 Lab File: VW010332.D
 Acq: 09 May 2019 12:06

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.5	147.4	221.2
98	59.1	49.7	74.5





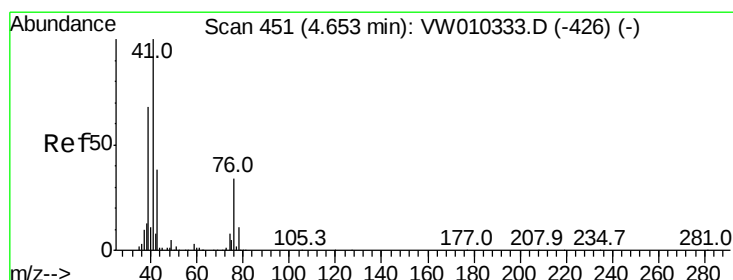
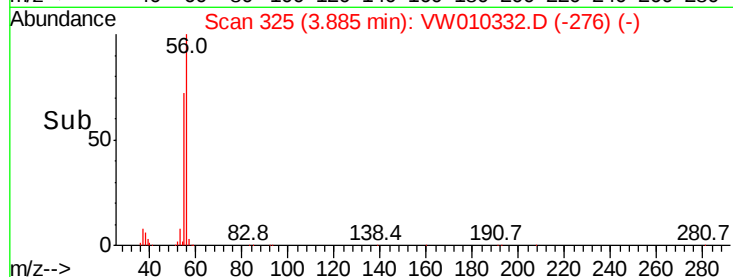
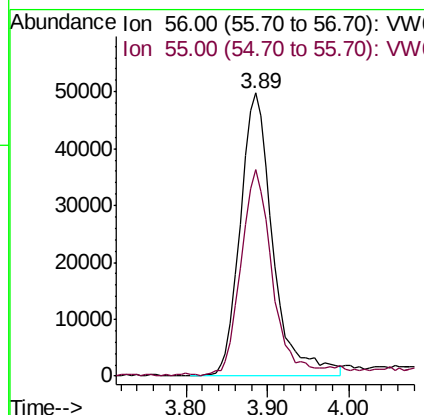
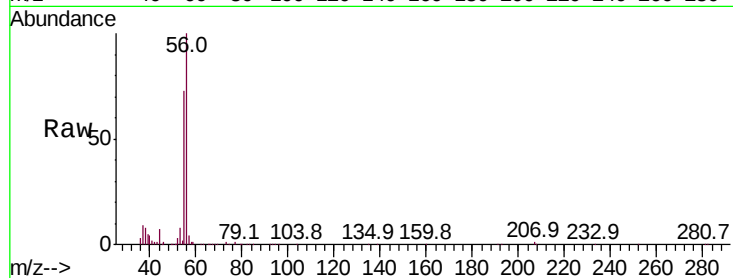
#13
Acrolein
Concen: 137.973 ug/l
RT: 3.89 min Scan# 325
Delta R.T. -0.00 min
Lab File: VW010332.D
Acq: 09 May 2019 12:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	56	Resp	137196
Ion Ratio	100	Lower	Upper
55	69.8	54.2	81.2

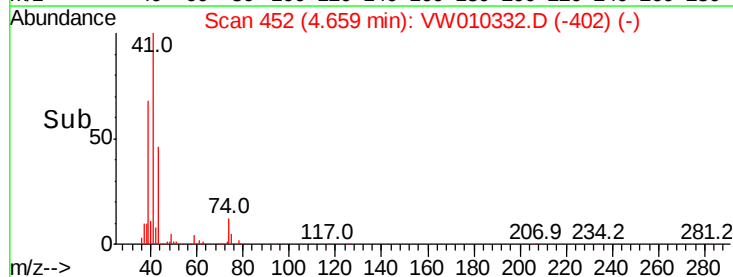
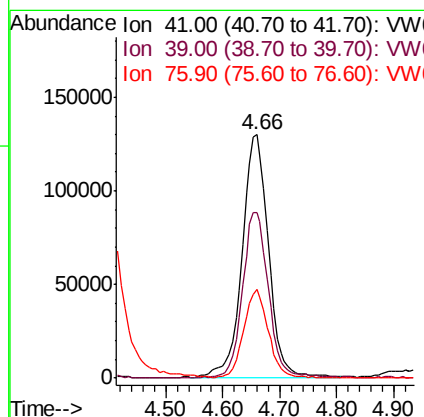
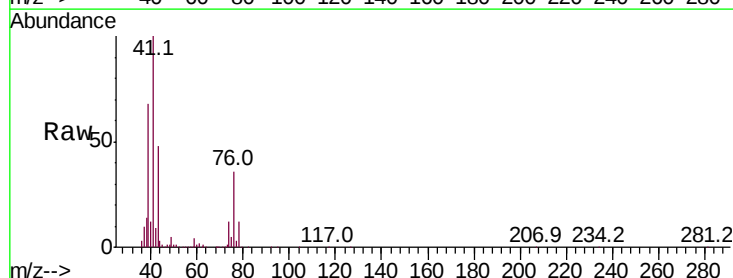
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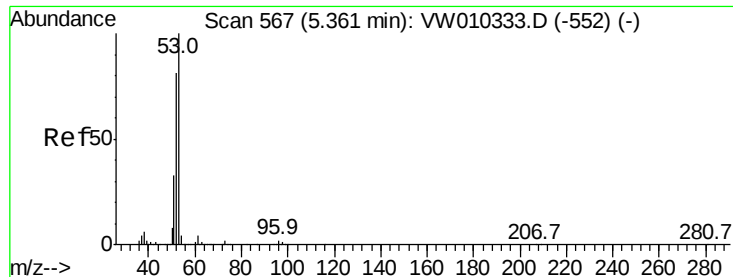
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#14
Allyl chloride
Concen: 17.736 ug/l
RT: 4.66 min Scan# 452
Delta R.T. 0.01 min
Lab File: VW010332.D
Acq: 09 May 2019 12:06

Tgt Ion	41	Resp	419167
Ion Ratio	100	Lower	Upper
39	66.7	60.2	90.4
76	33.9	25.0	37.6





#15

Acrylonitrile

Concen: 119.208 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW010332.D

Acq: 09 May 2019 12:06

Instrument :

MSVOA_W

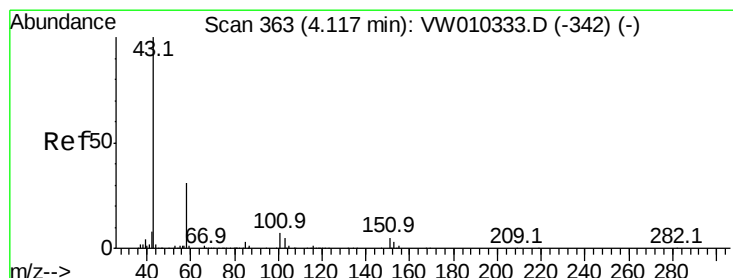
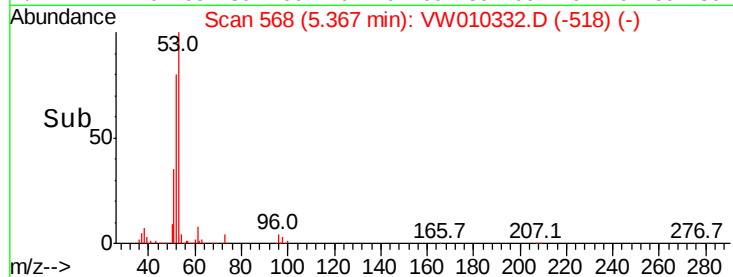
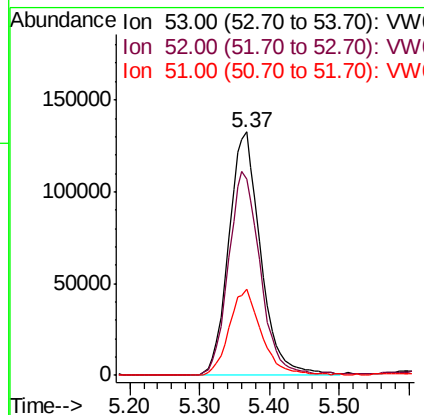
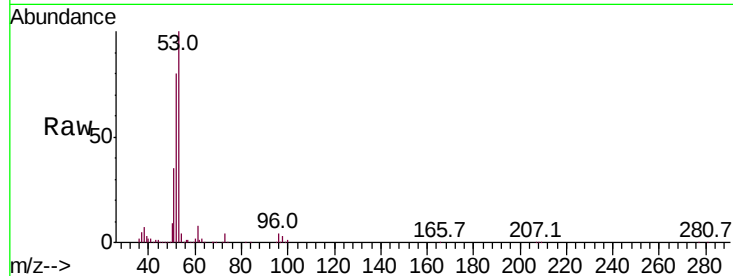
ClientSampleId :

VSTDIC020

Tot Ion:	53	Resp:	420499
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.6	100.0
51	36.0	30.3	45.5

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#16

Acetone

Concen: 93.183 ug/l

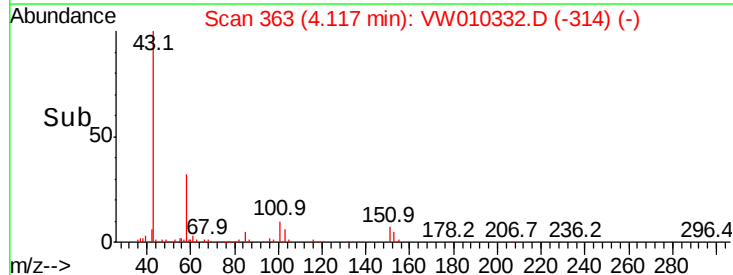
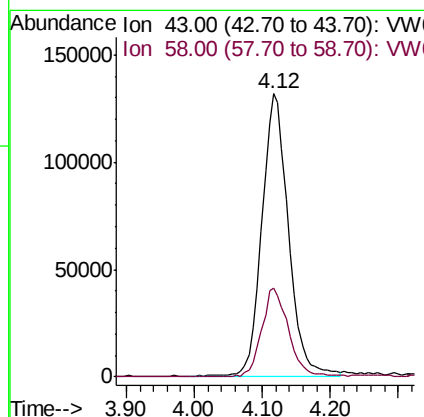
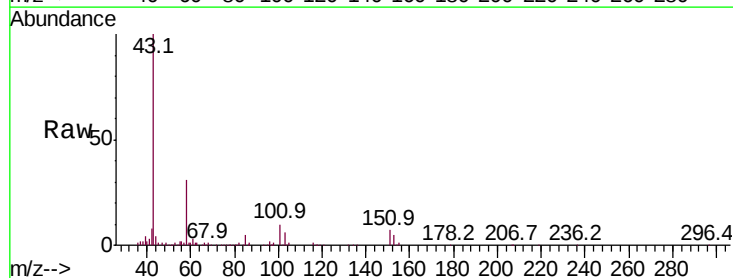
RT: 4.12 min Scan# 363

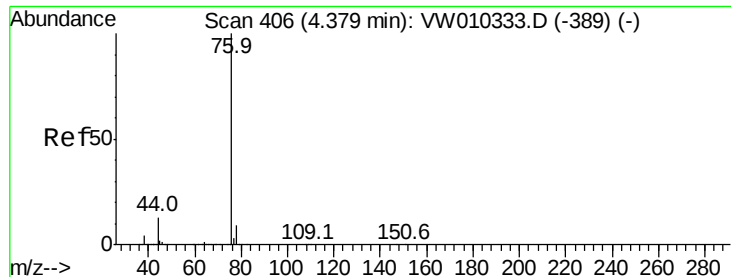
Delta R.T. -0.00 min

Lab File: VW010332.D

Acq: 09 May 2019 12:06

Tgt Ion:	43	Resp:	358760
Ion	Ratio	Lower	Upper
43	100		
58	31.3	22.7	34.1





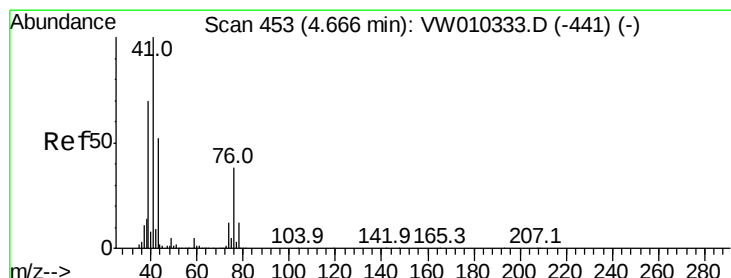
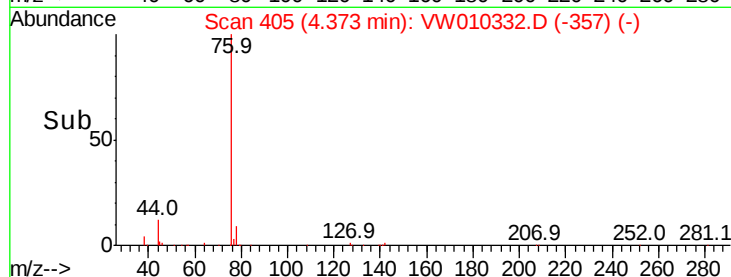
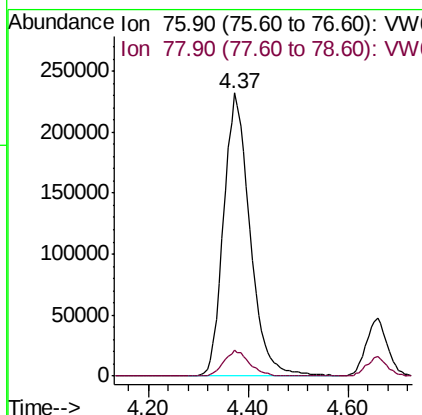
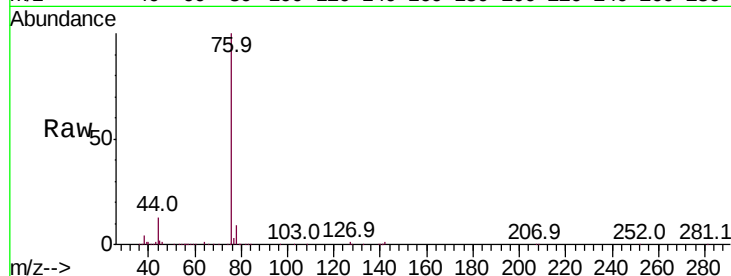
#17
Carbon Disulfide
Concen: 23.394 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW010332.D
Acq: 09 May 2019 12:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion: 76 Resp: 853047
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

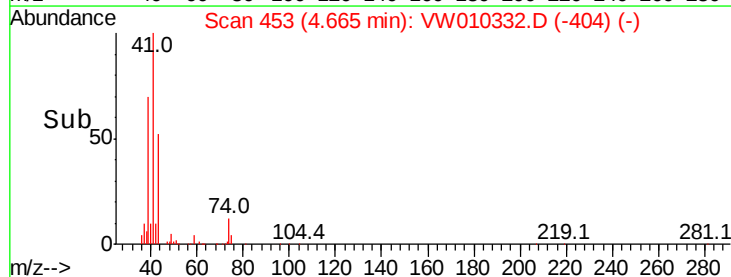
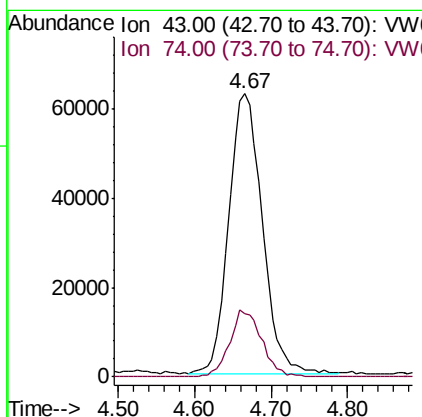
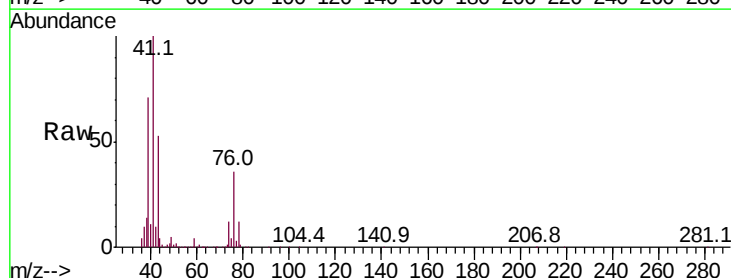
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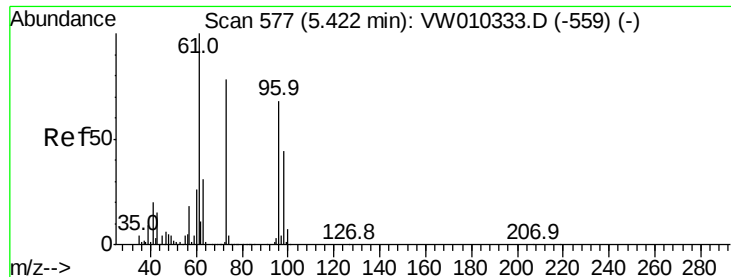
MMDadoda
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#18
Methyl Acetate
Concen: 21.326 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW010332.D
Acq: 09 May 2019 12:06

Tgt Ion: 43 Resp: 190027
Ion Ratio Lower Upper
43 100
74 22.9 16.8 25.2





#19

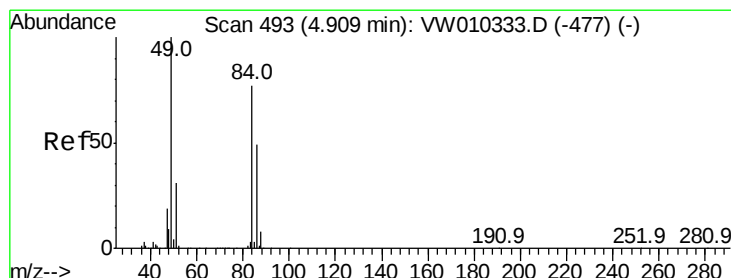
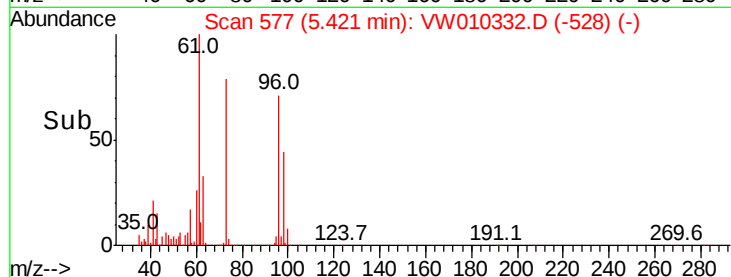
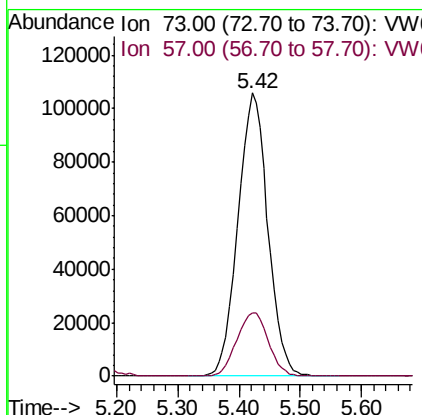
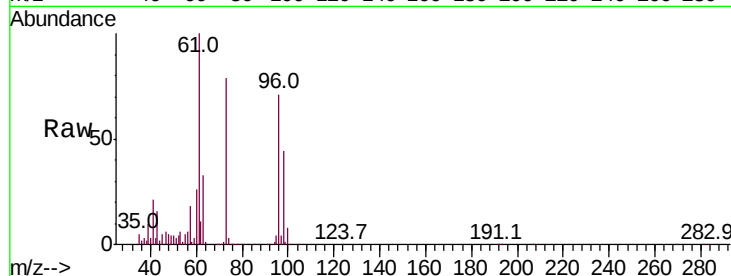
Methyl tert-butyl Ether
 Concen: 20.729 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: VW010332.D
 Acq: 09 May 2019 12:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	18.5	27.7

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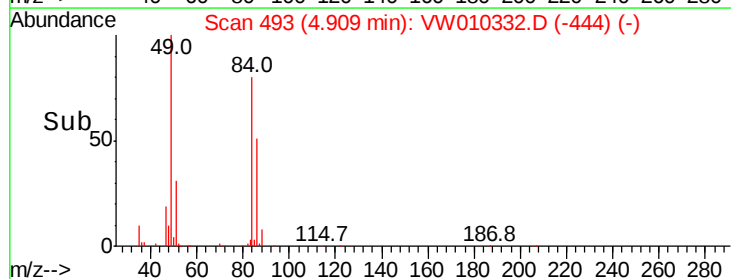
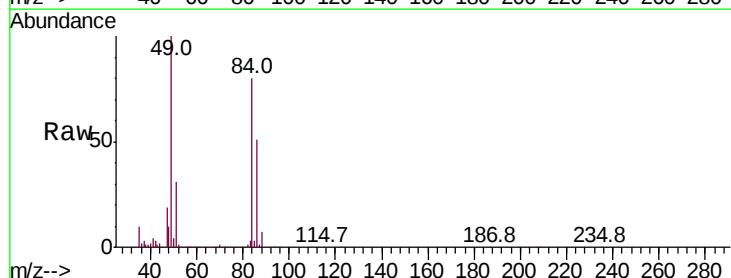
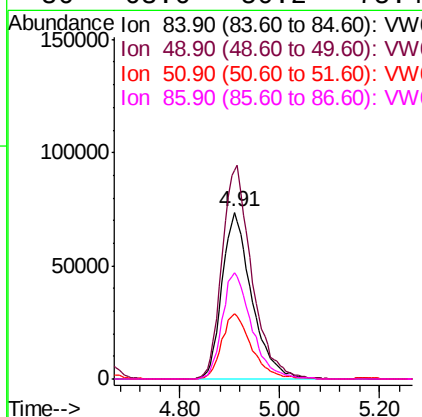
MMDadoda
 5/10/2019 10:07:20 AM

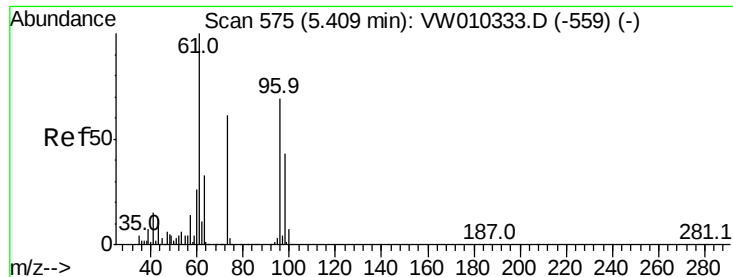


#20

Methylene Chloride
 Concen: 17.152 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.00 min
 Lab File: VW010332.D
 Acq: 09 May 2019 12:06

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.1	112.3	168.5
51	39.0	33.9	50.9
86	63.6	50.2	75.4





#21

trans-1,2-Dichloroethene

Concen: 21.878 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.01 min

Lab File: VW010332.D

Acq: 09 May 2019 12:06

Instrument :

MSVOA_W

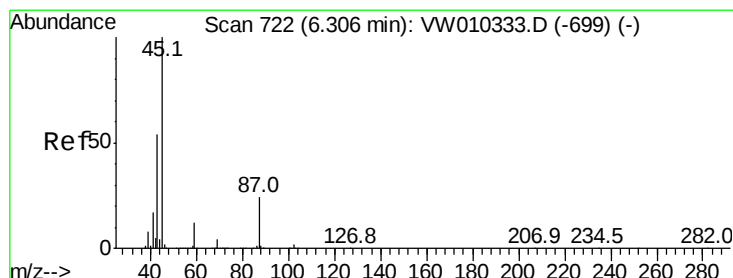
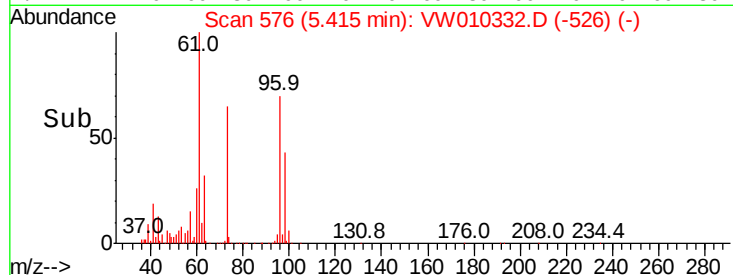
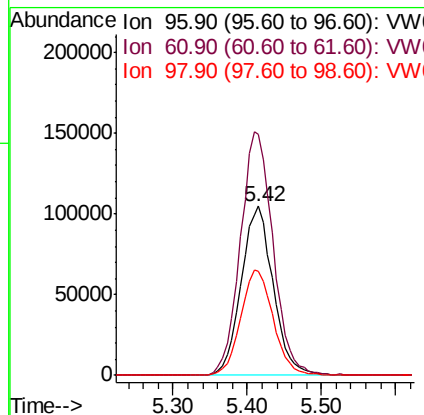
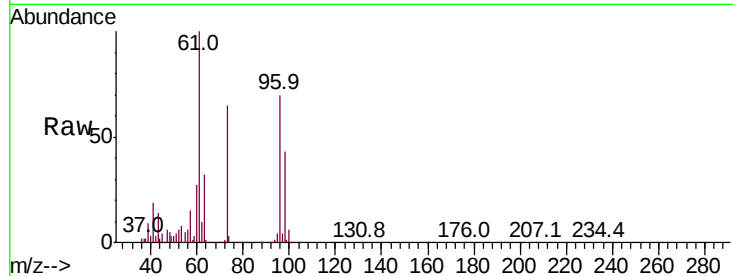
ClientSampleId :

VSTDIC020

Tot Ion:	96	Resp:	314921
Ion Ratio	Lower	Upper	
96	100		
61	143.2	122.3	183.5
98	61.5	50.5	75.7

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#22

Diisopropyl ether

Concen: 18.609 ug/l

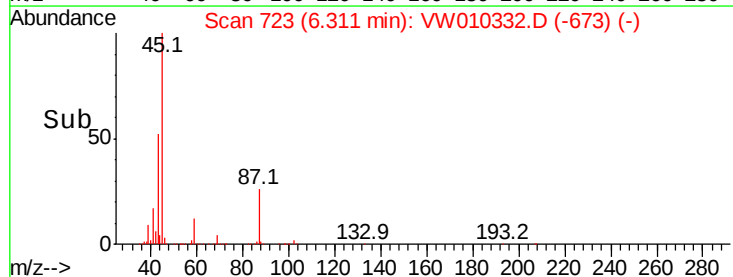
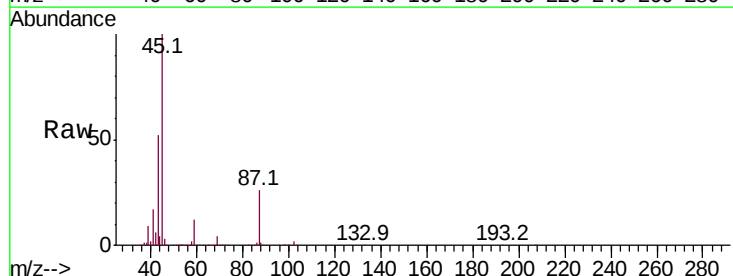
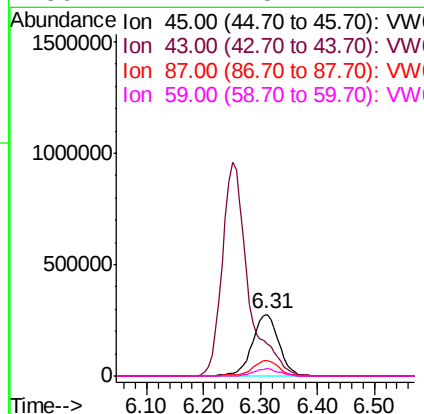
RT: 6.31 min Scan# 723

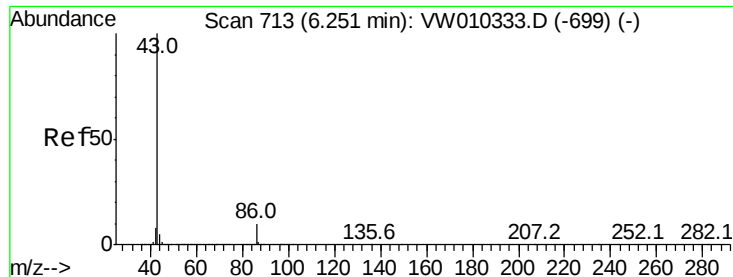
Delta R.T. 0.01 min

Lab File: VW010332.D

Acq: 09 May 2019 12:06

Tgt Ion:	45	Resp:	892074
Ion Ratio	Lower	Upper	
45	100		
43	51.6	46.1	69.1
87	25.5	18.3	27.5
59	11.7	8.2	12.4





#23

Vinyl Acetate

Concen: 100.181 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW010332.D

Acq: 09 May 2019 12:06

Instrument :

MSVOA_W

ClientSampled :

VSTDIC020

Tot Ion: 43 Resp: 3023231

Ion Ratio Lower Upper

43 100

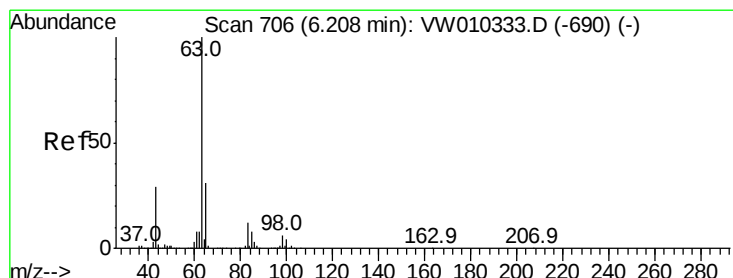
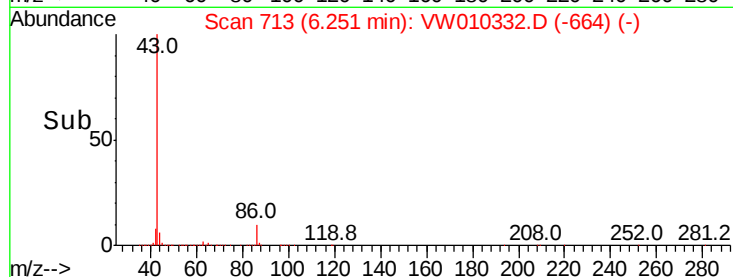
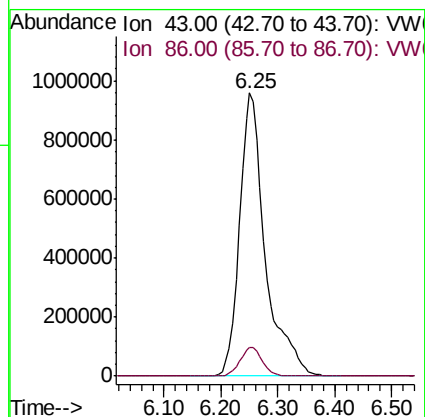
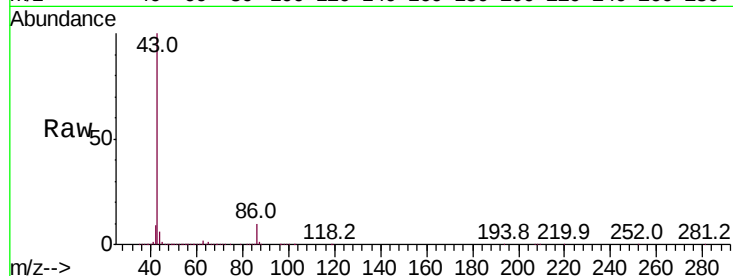
86 10.3 7.0 10.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.964 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.00 min

Lab File: VW010332.D

Acq: 09 May 2019 12:06

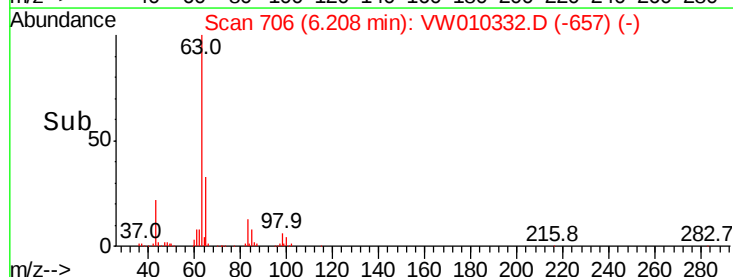
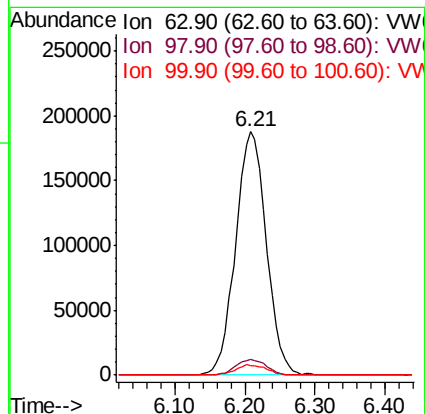
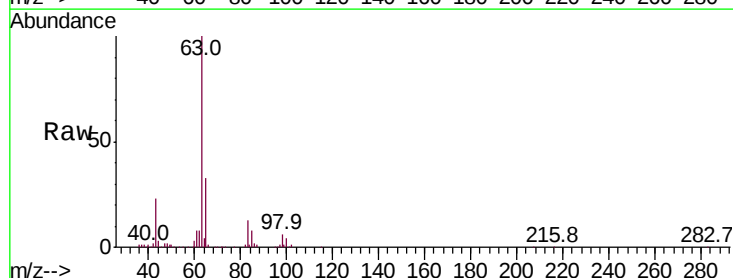
Tgt Ion: 63 Resp: 572106

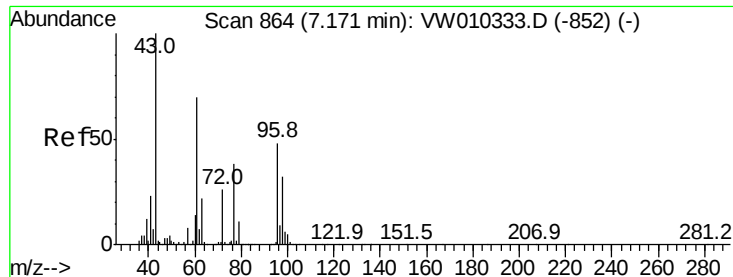
Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.8

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 114.802 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010332.D

Acq: 09 May 2019 12:06

Instrument :

MSVOA_W

ClientSampled :

VSTDIC020

Tot Ion: 43 Resp: 580612

Ion Ratio Lower Upper

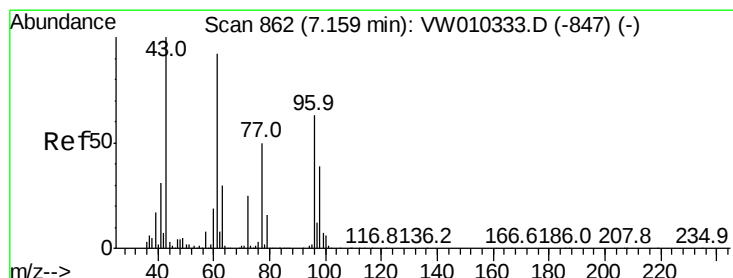
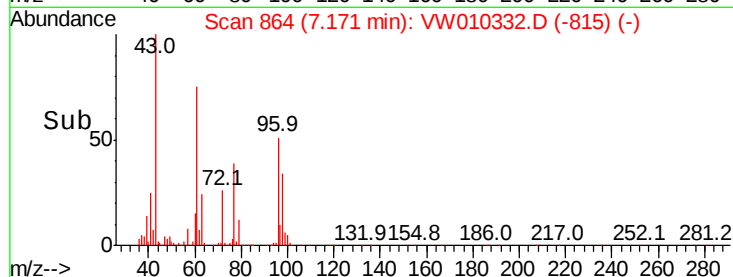
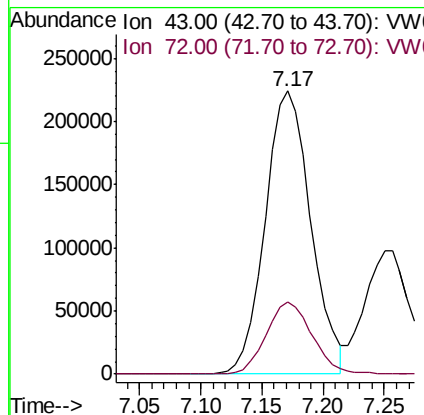
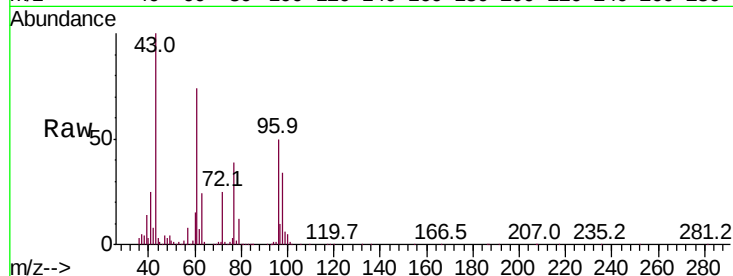
43 100

72 25.5 19.1 28.7

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 18.094 ug/l

RT: 7.16 min Scan# 863

Delta R.T. 0.01 min

Lab File: VW010332.D

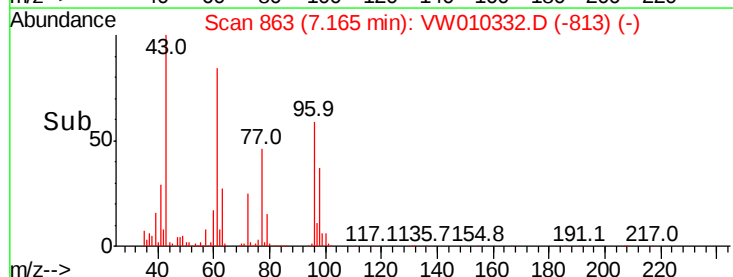
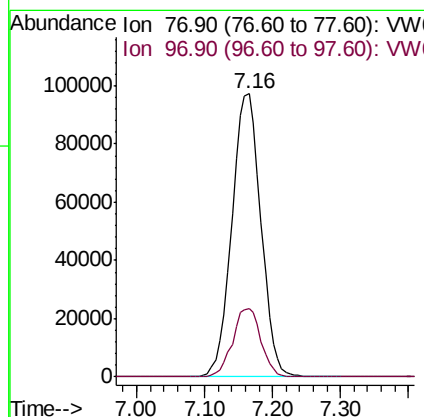
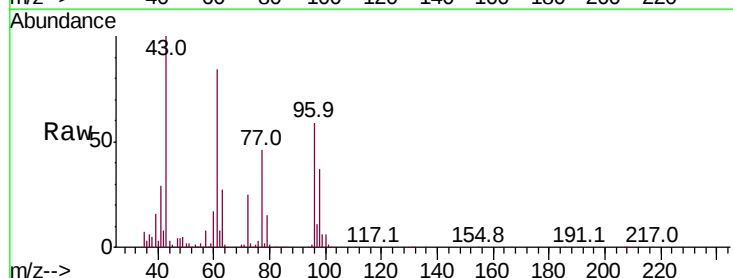
Acq: 09 May 2019 12:06

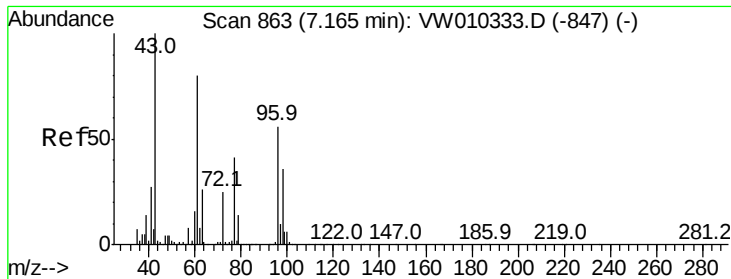
Tgt Ion: 77 Resp: 286883

Ion Ratio Lower Upper

77 100

97 23.6 11.3 33.9





#27

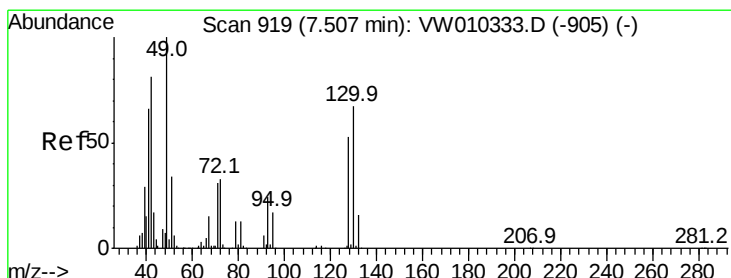
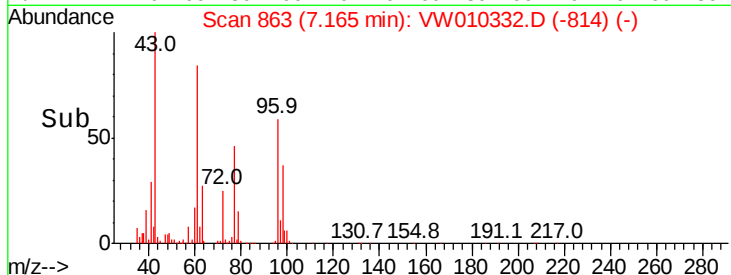
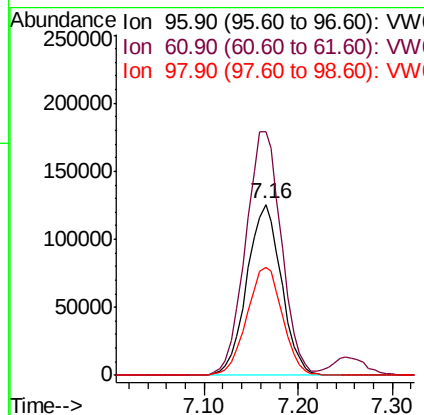
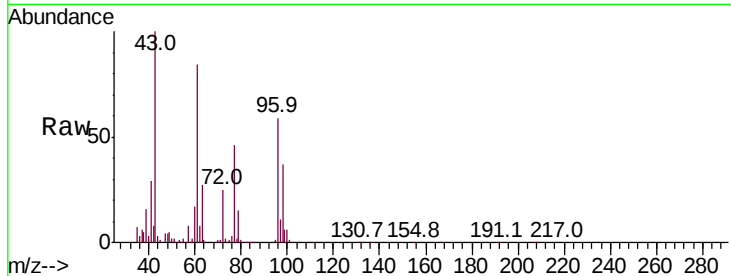
cis-1,2-Dichloroethene
Concen: 20.358 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW010332.D
Acq: 09 May 2019 12:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	96	Resp	322283
Ion	Ratio	Lower	Upper
96	100		
61	148.5	0.0	309.4
98	65.1	0.0	128.6

Manual Integrations
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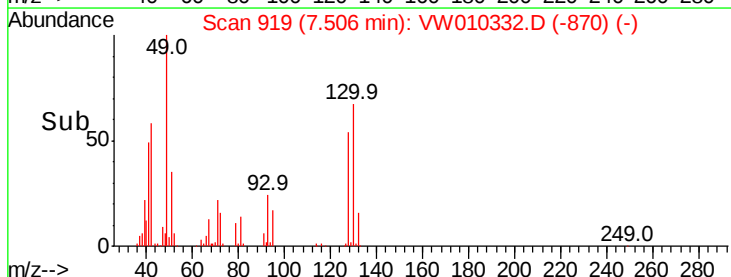
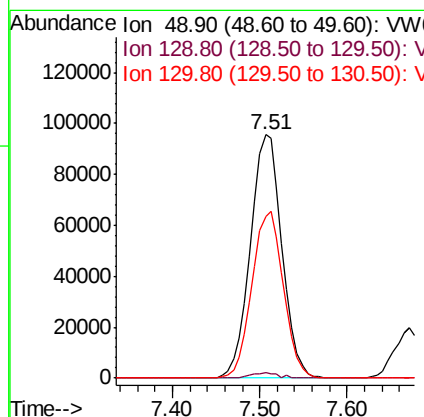
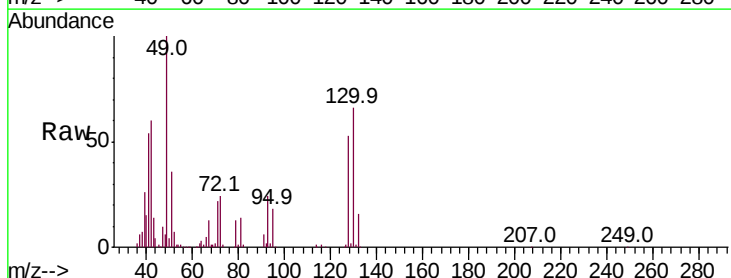
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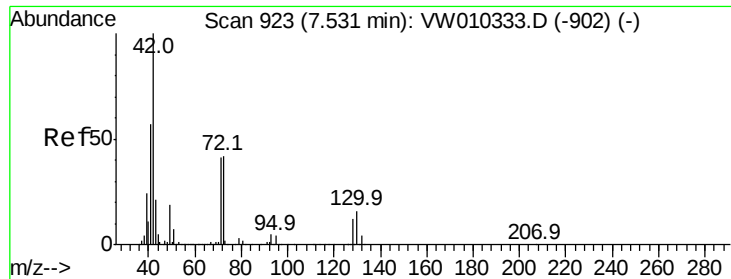


#28

Bromochloromethane
Concen: 20.444 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW010332.D
Acq: 09 May 2019 12:06

Tgt Ion	49	Resp	239425
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	68.6	54.6	82.0





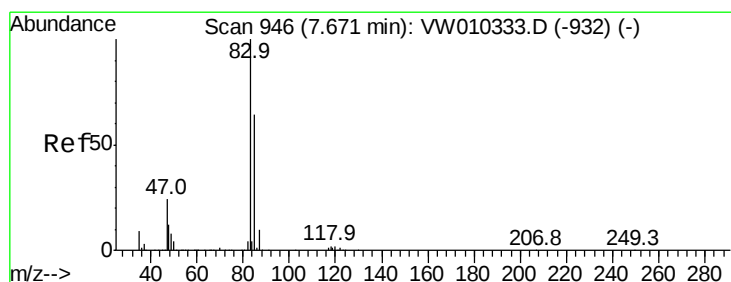
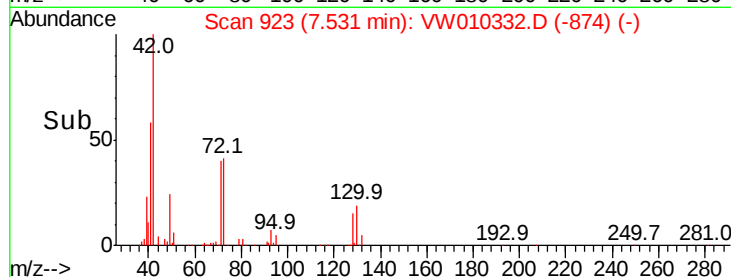
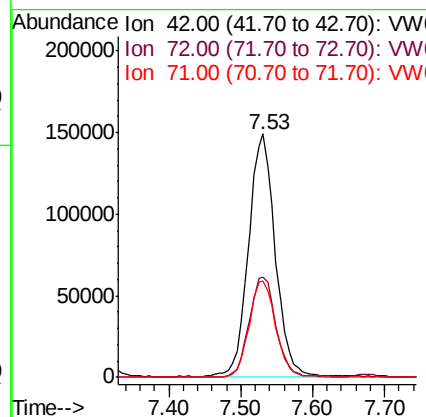
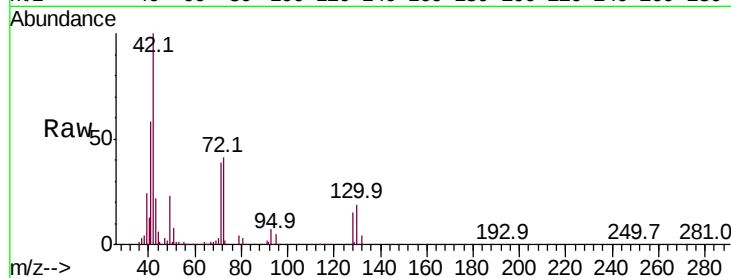
#29
Tetrahydrofuran
Concen: 119.932 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW010332.D
Acq: 09 May 2019 12:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.3	31.0	46.6
71	39.7	29.7	44.5

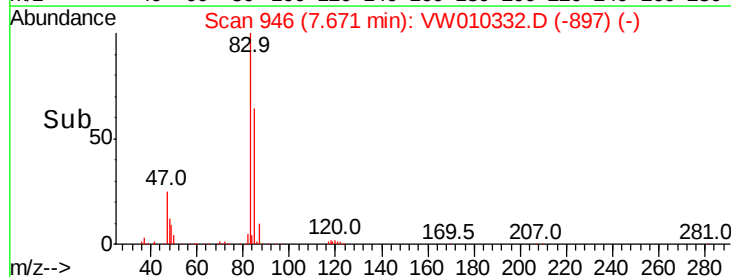
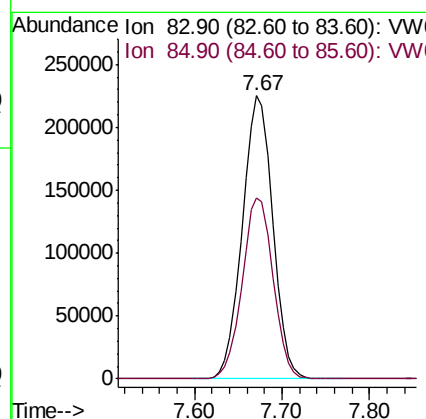
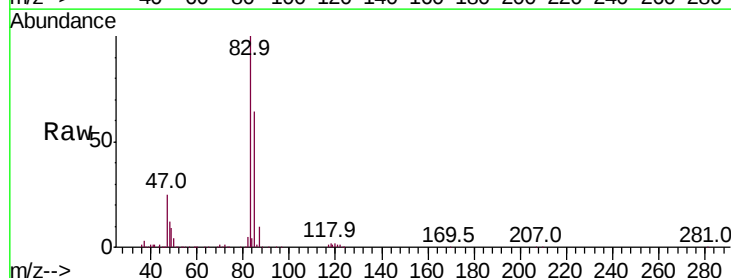
Manual Integrations
APPROVED

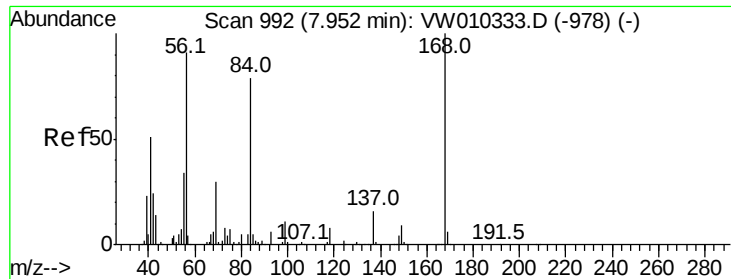
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#30
Chloroform
Concen: 18.944 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW010332.D
Acq: 09 May 2019 12:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.7	76.1





#31

Cyclohexane

Concen: 21.223 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010332.D

Acq: 09 May 2019 12:06

Instrument :

MSVOA_W

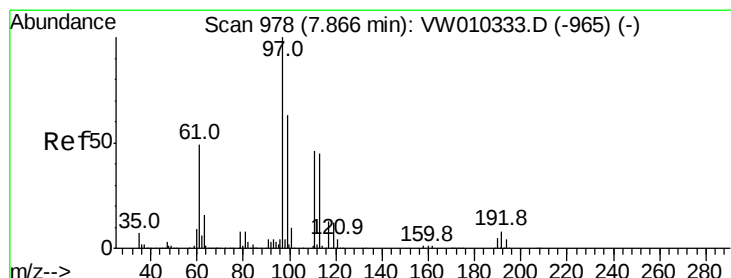
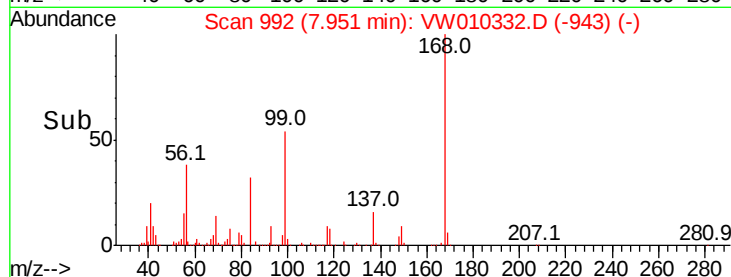
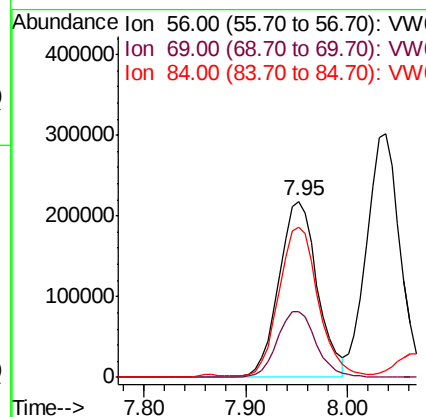
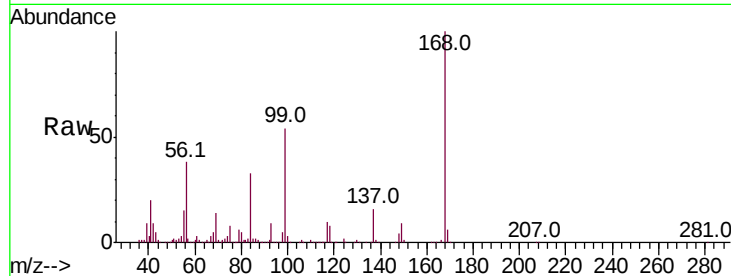
ClientSampleId :

VSTDIC020

Tot Ion:	56	Resp:	569516
Ion	Ratio	Lower	Upper
56	100		
69	36.9	26.6	40.0
84	84.5	66.2	99.2

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#32

1,1,1-Trichloroethane

Concen: 18.086 ug/l

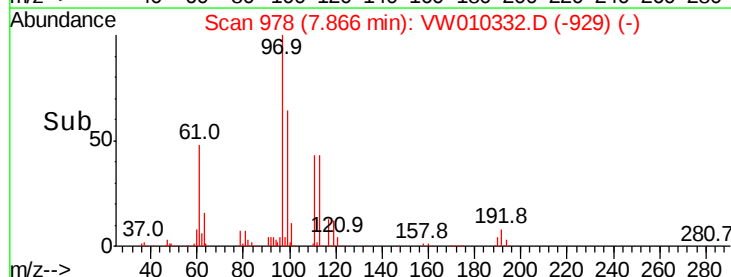
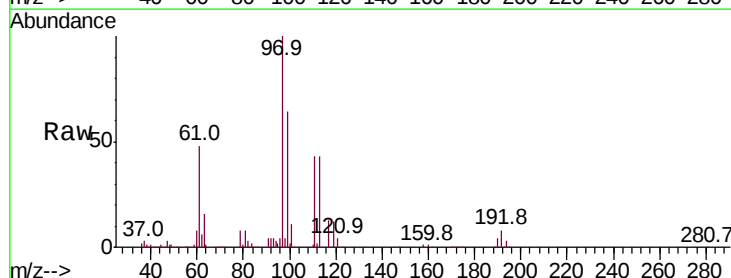
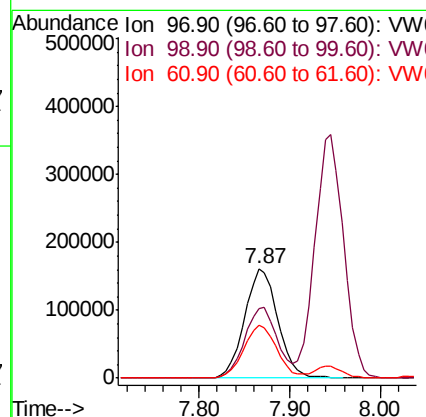
RT: 7.87 min Scan# 978

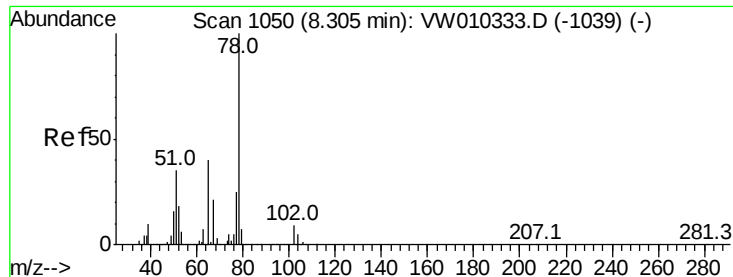
Delta R.T. -0.00 min

Lab File: VW010332.D

Acq: 09 May 2019 12:06

Tgt Ion:	97	Resp:	407713
Ion	Ratio	Lower	Upper
97	100		
99	63.7	50.2	75.2
61	48.3	38.2	57.2





#33

1,2-Dichloroethane-d4

Concen: 17.608 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010332.D

Acq: 09 May 2019 12:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion: 65 Resp: 292189

Ion Ratio Lower Upper

65 100

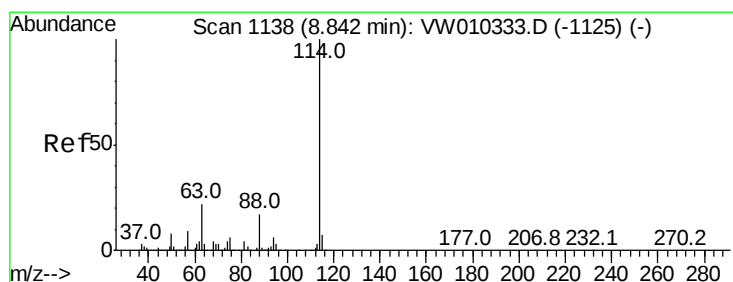
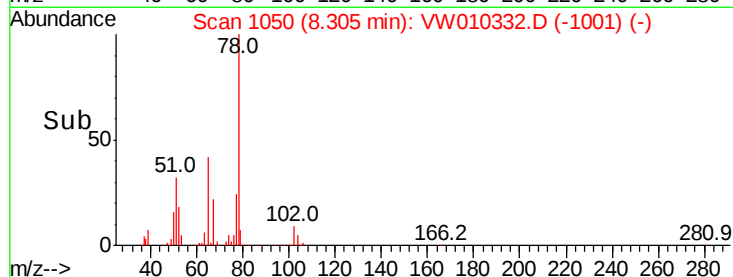
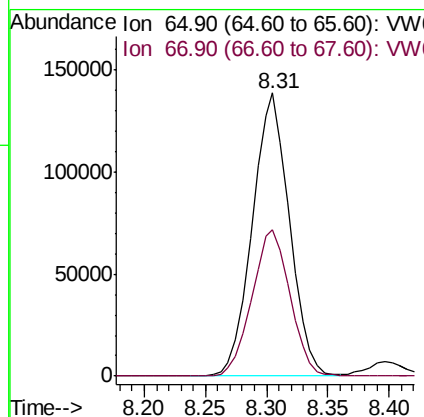
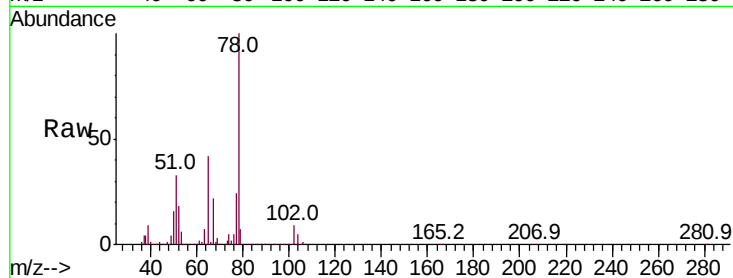
67 53.3 0.0 100.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010332.D

Acq: 09 May 2019 12:06

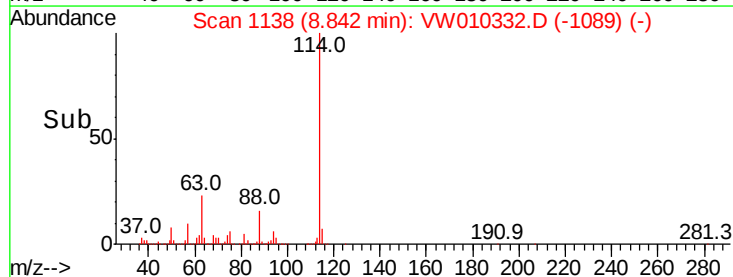
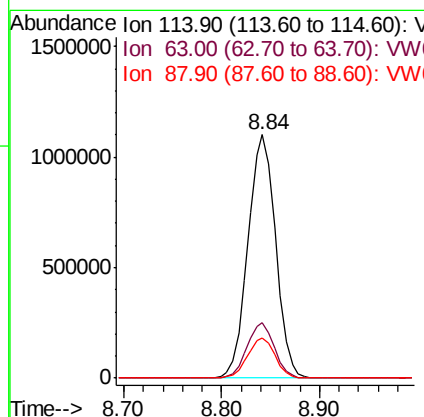
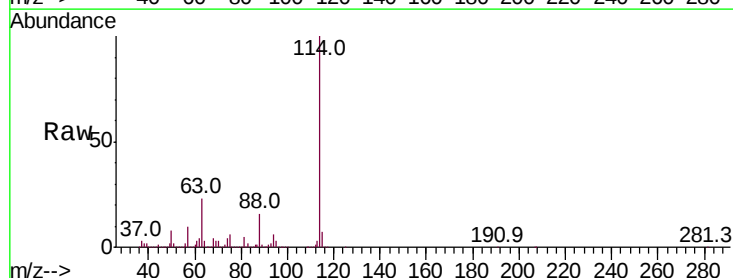
Tgt Ion: 114 Resp: 2158381

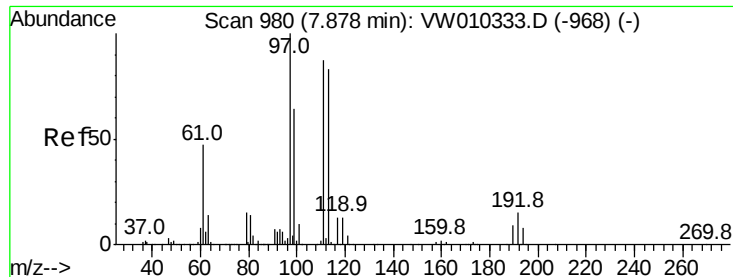
Ion Ratio Lower Upper

114 100

63 22.6 0.0 46.2

88 16.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 18.798 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW010332.D

Acq: 09 May 2019 12:06

Instrument :

MSVOA_W

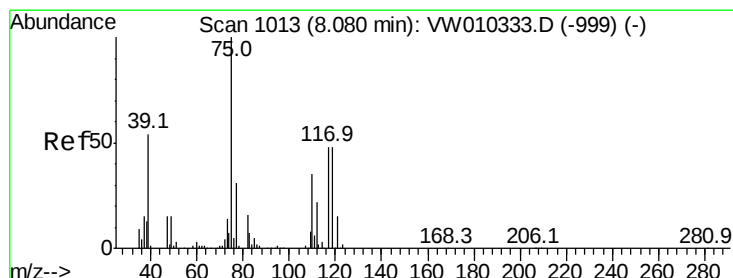
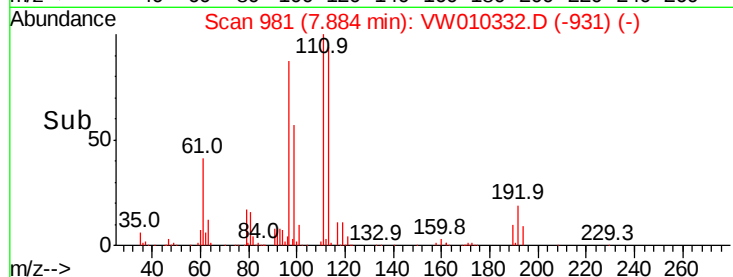
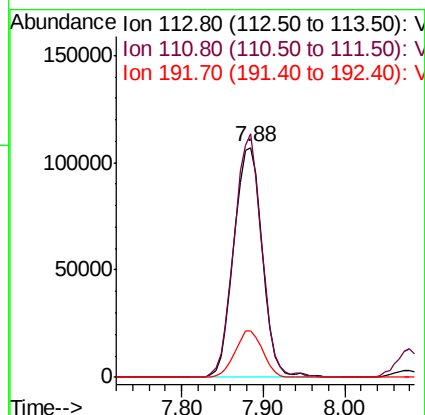
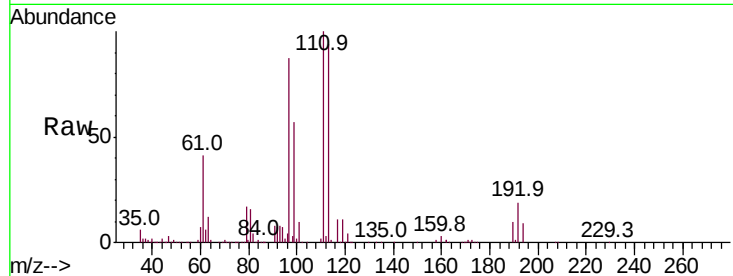
ClientSampleId :

VSTDIC020

Tot Ion:	113	Resp:	257952
Ion Ratio	Lower	Upper	
113	100		
111	102.4	82.6	123.8
192	19.7	15.4	23.2

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#36

1,1-Dichloropropene

Concen: 21.159 ug/l

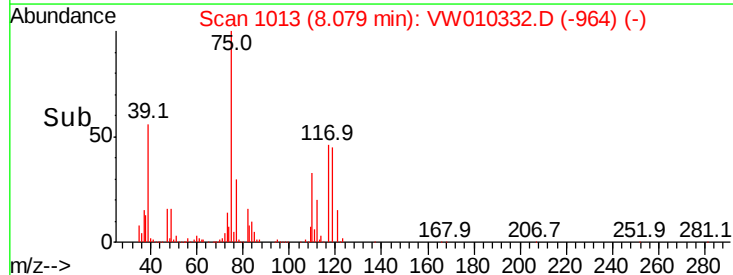
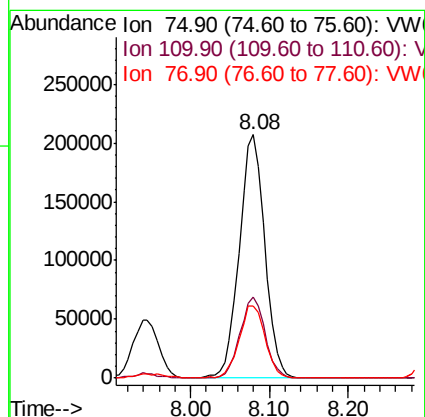
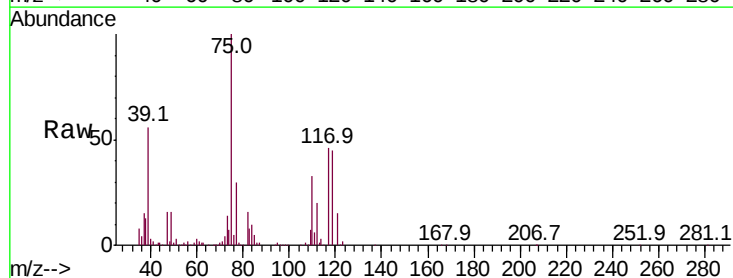
RT: 8.08 min Scan# 1013

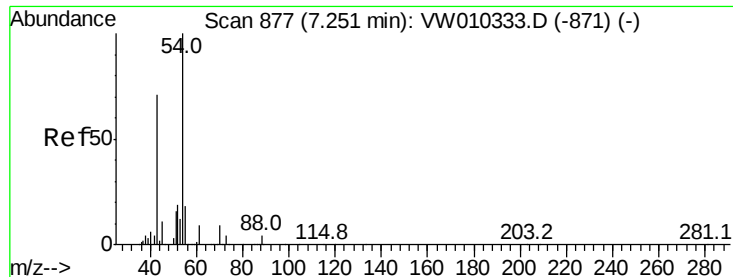
Delta R.T. -0.00 min

Lab File: VW010332.D

Acq: 09 May 2019 12:06

Tgt Ion:	75	Resp:	466497
Ion Ratio	Lower	Upper	
75	100		
110	32.5	16.6	49.8
77	30.5	24.8	37.2





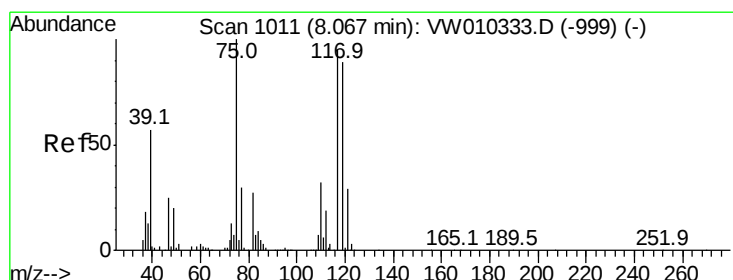
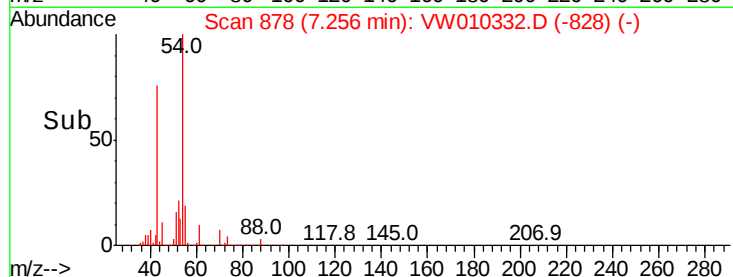
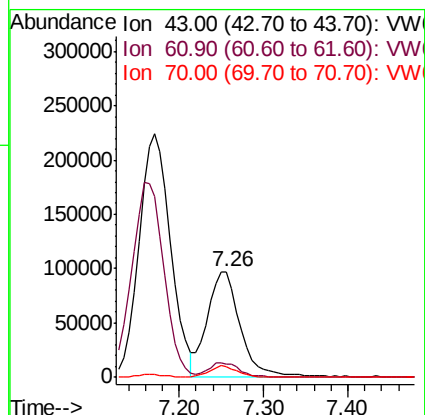
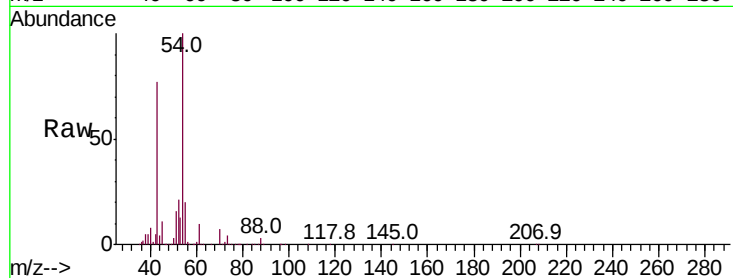
#37
Ethyl Acetate
Concen: 23.468 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW010332.D
Acq: 09 May 2019 12:06

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.8	9.8	14.8
70	9.7	7.4	11.0

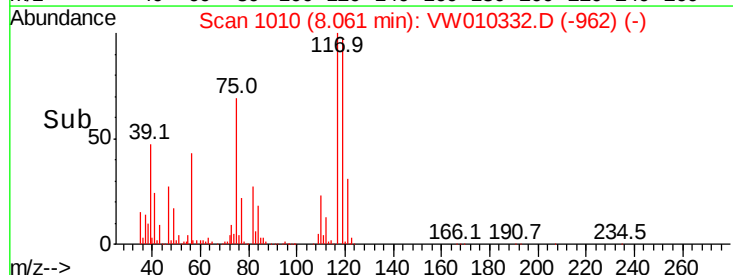
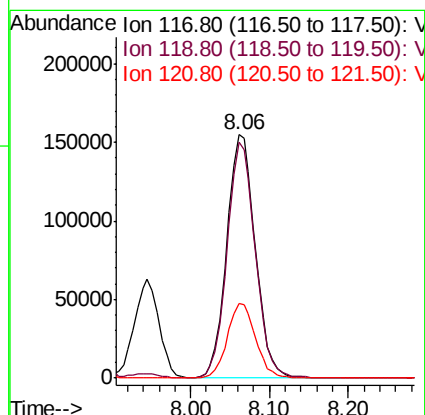
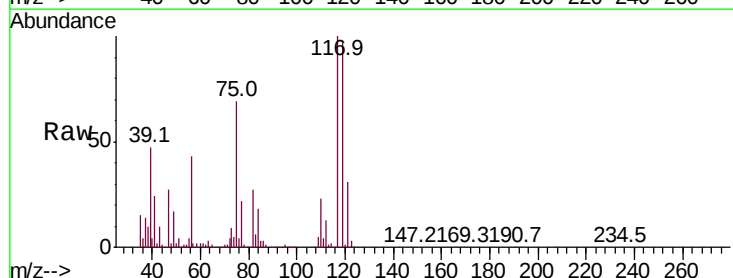
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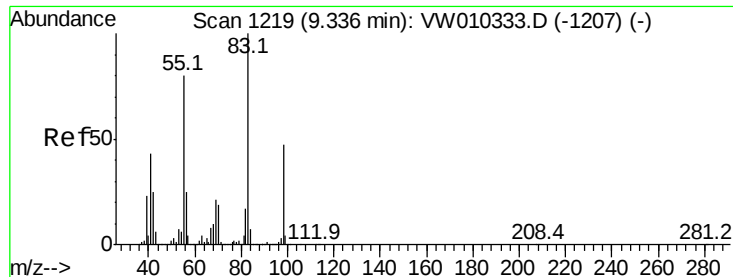
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#38
Carbon Tetrachloride
Concen: 18.114 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW010332.D
Acq: 09 May 2019 12:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	75.3	112.9
121	30.7	24.4	36.6





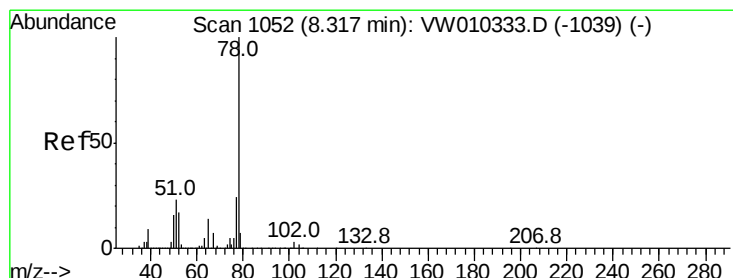
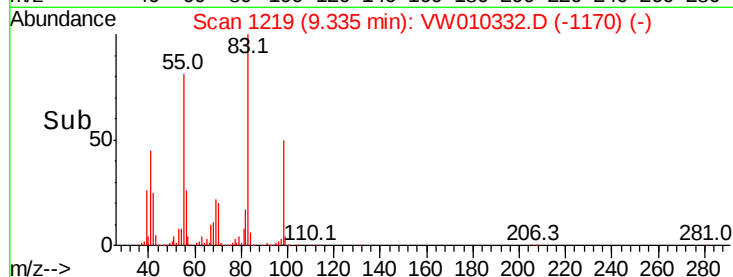
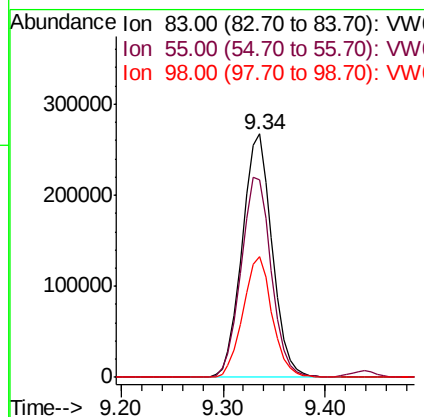
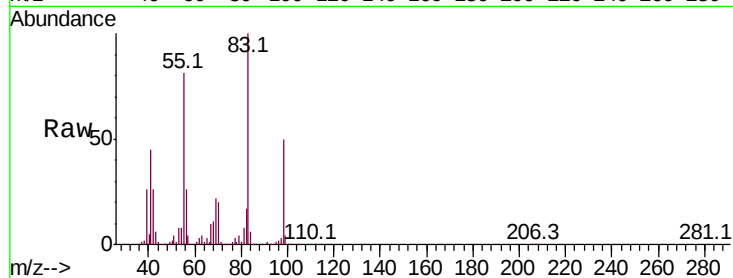
#39
Methvlcvclohexane
Concen: 22.040 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010332.D
Acq: 09 May 2019 12:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.2	67.1	100.7
98	49.7	39.2	58.8

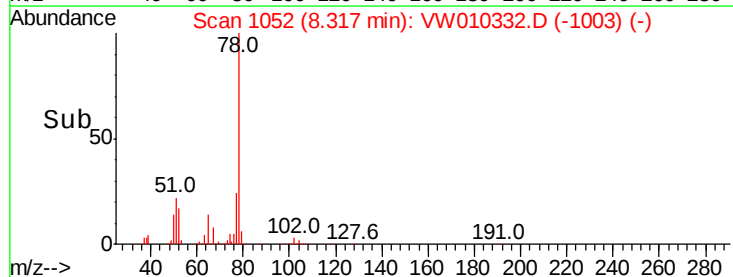
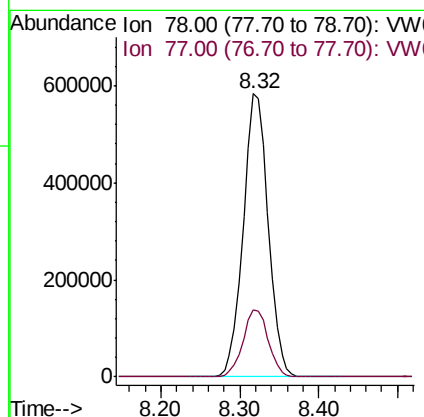
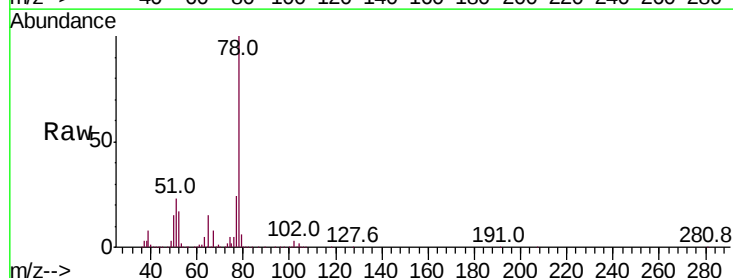
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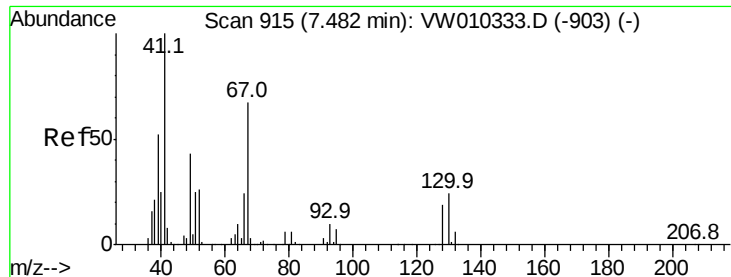
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#40
Benzene
Concen: 21.257 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW010332.D
Acq: 09 May 2019 12:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.1	28.7





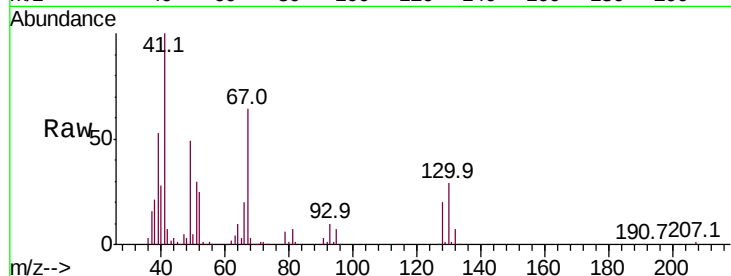
#41
Methacrylonitrile
Concen: 21.909 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW010332.D
Acq: 09 May 2019 12:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.3	45.0	67.4
67	69.7	50.7	76.1
52	29.2	22.6	33.8

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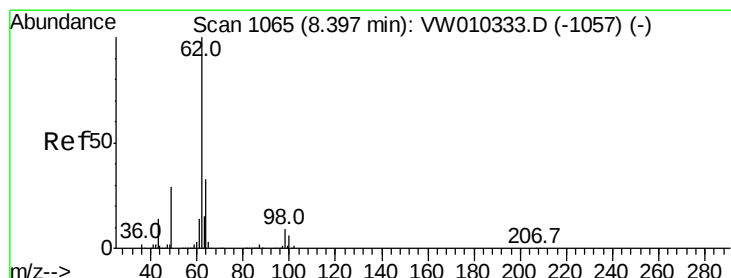
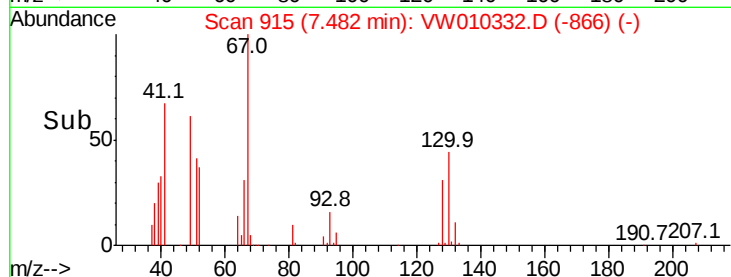
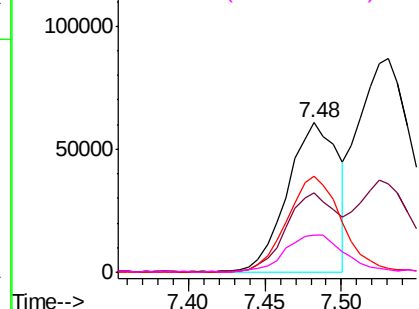
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

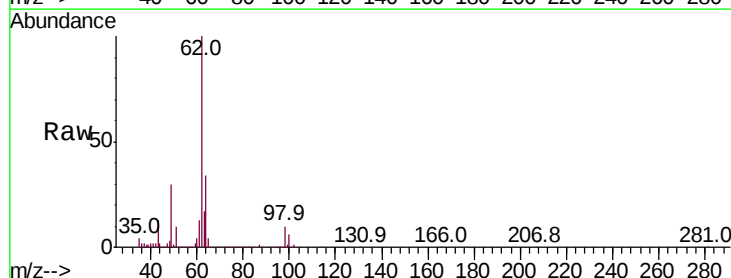
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 17.909 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW010332.D
Acq: 09 May 2019 12:06

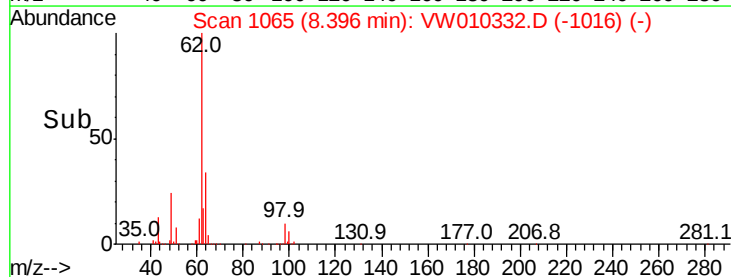
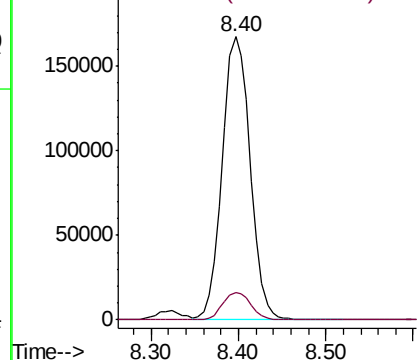
Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	16.6

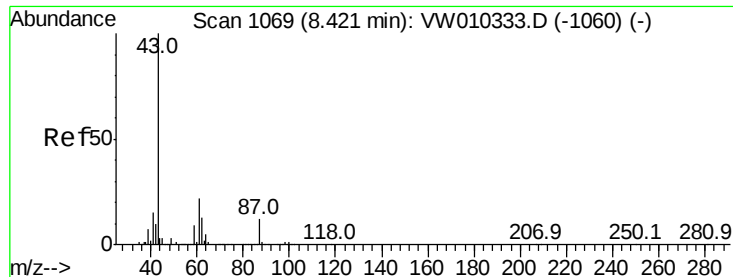


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 19.858 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW010332.D

Acq: 09 May 2019 12:06

Instrument :

MSVOA_W

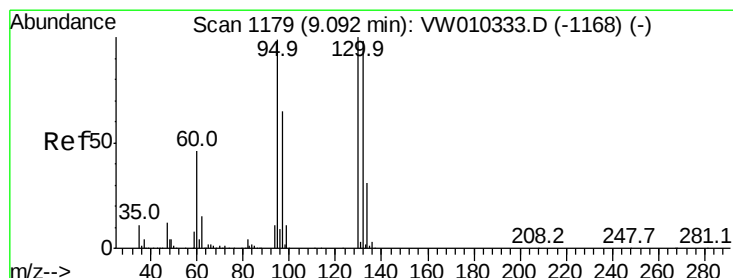
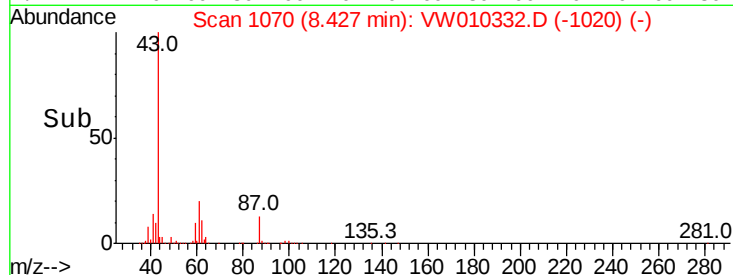
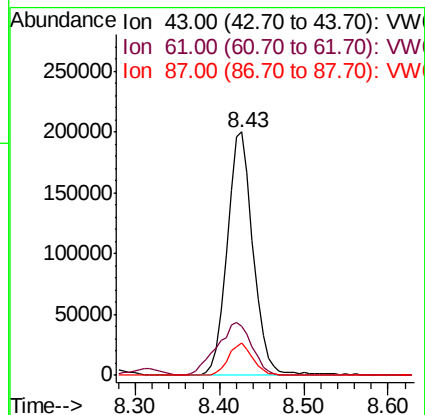
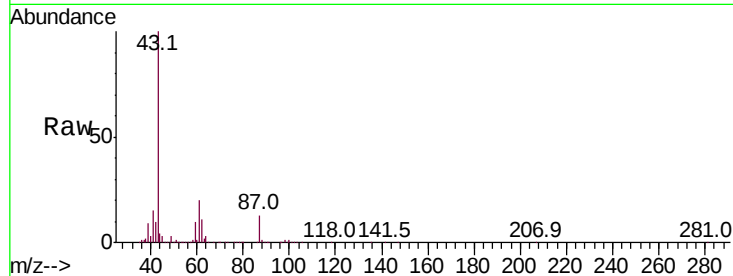
ClientSampleId :

VSTDIC020

Tot Ion:	43	Resp:	416895
Ion Ratio	Lower	Upper	
43	100		
61	29.3	23.0	34.6
87	12.5	9.3	13.9

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#44

Trichloroethene

Concen: 20.520 ug/l

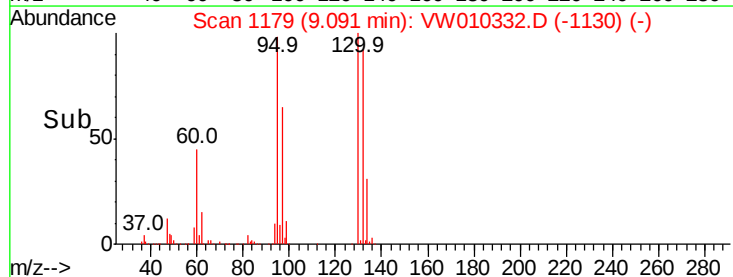
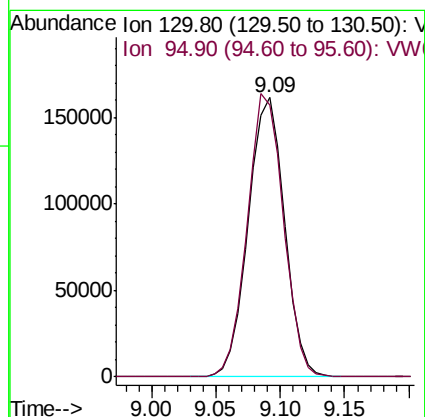
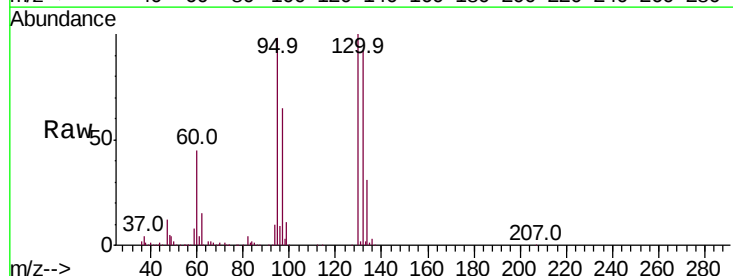
RT: 9.09 min Scan# 1179

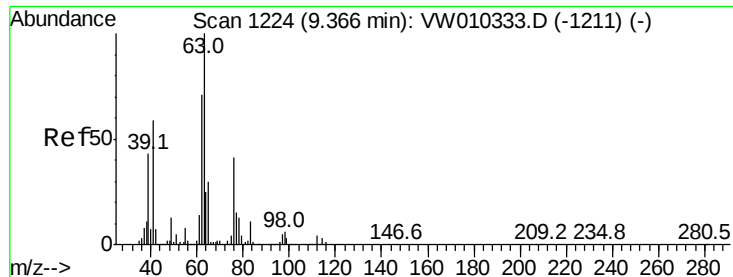
Delta R.T. -0.00 min

Lab File: VW010332.D

Acq: 09 May 2019 12:06

Tgt Ion:	130	Resp:	314189
Ion Ratio	Lower	Upper	
130	100		
95	97.5	0.0	205.4





#45

1,2-Dichloropropane

Concen: 20.067 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW010332.D

Acq: 09 May 2019 12:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion: 63 Resp: 317977

Ion Ratio Lower Upper

63 100

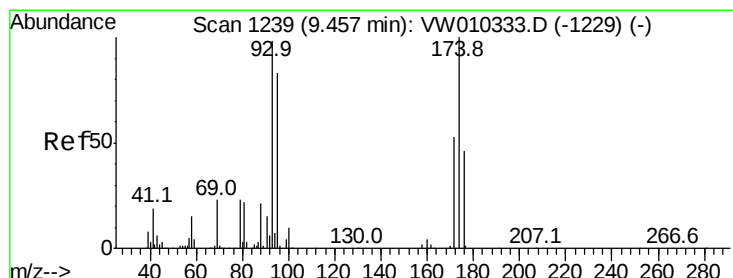
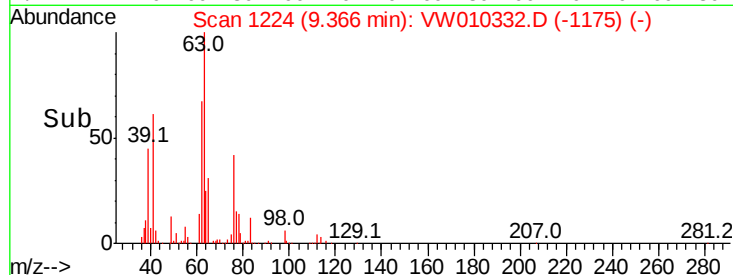
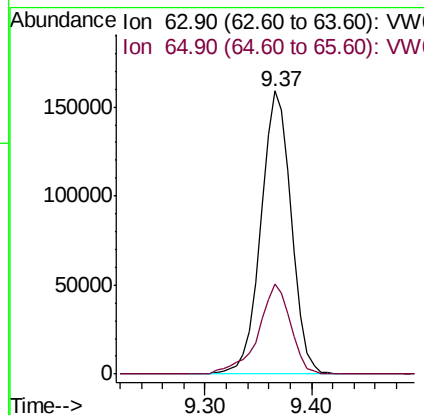
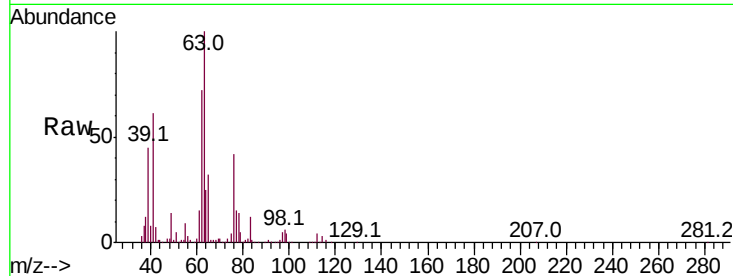
65 31.5 23.8 35.6

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#46

Dibromomethane

Concen: 20.068 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW010332.D

Acq: 09 May 2019 12:06

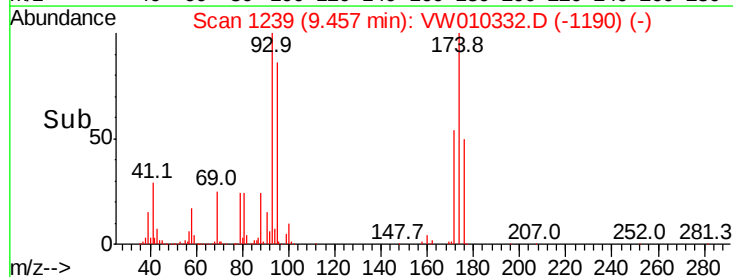
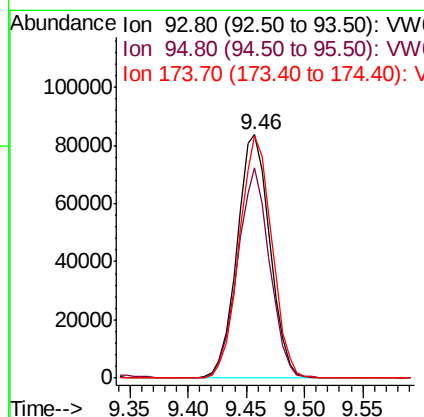
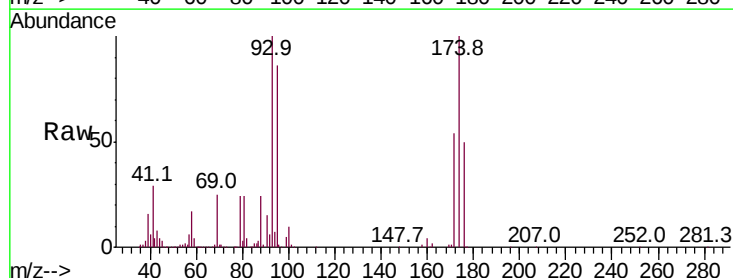
Tgt Ion: 93 Resp: 164814

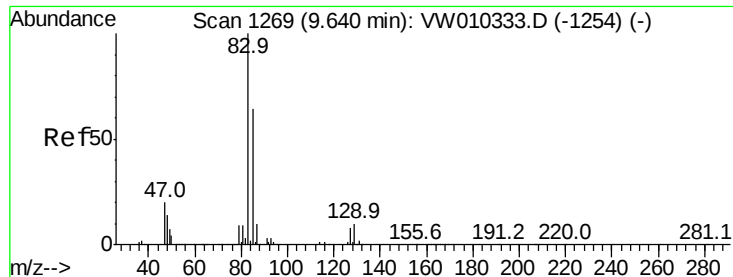
Ion Ratio Lower Upper

93 100

95 84.3 65.8 98.8

174 99.2 75.5 113.3





#47

Bromodichloromethane

Concen: 18.702 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW010332.D

Acq: 09 May 2019 12:06

Instrument :

MSVOA_W

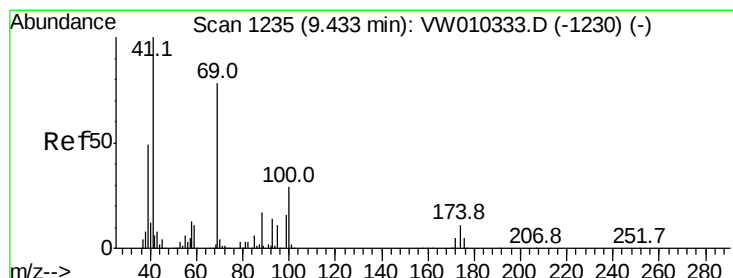
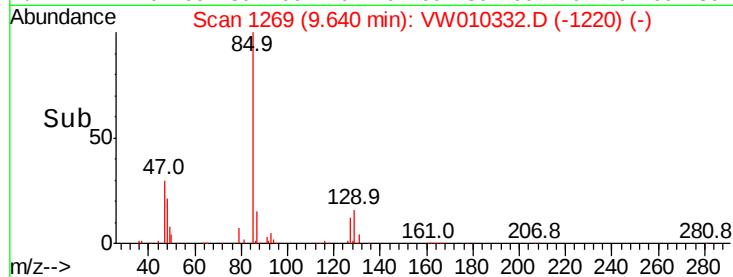
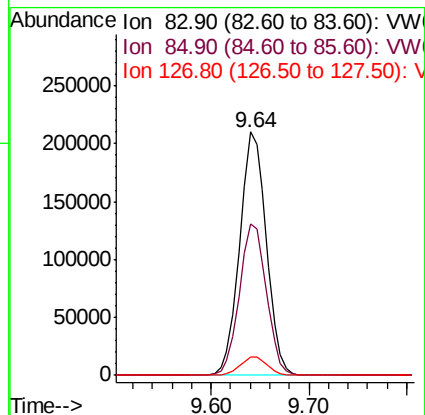
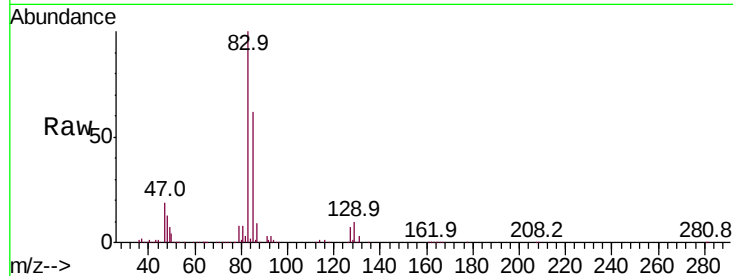
ClientSampleId :

VSTDIC020

Tot Ion:	83	Resp:	396489
Ion	Ratio	Lower	Upper
83	100		
85	62.4	50.6	75.8
127	7.5	6.6	10.0

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#48

Methyl methacrylate

Concen: 19.047 ug/l

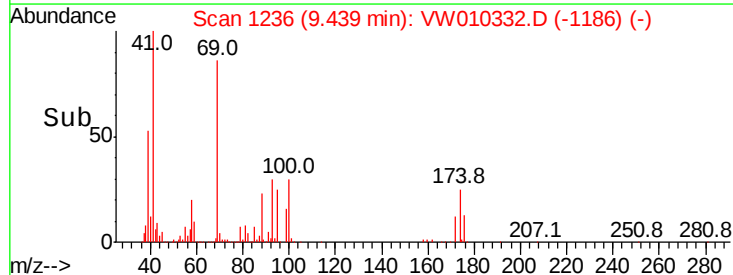
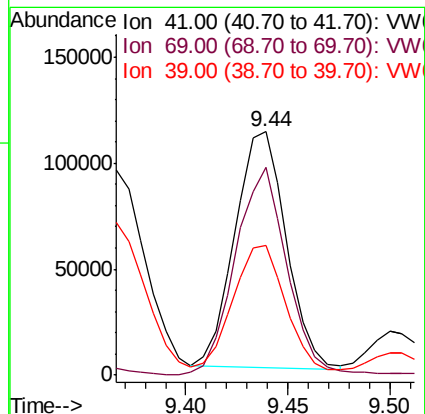
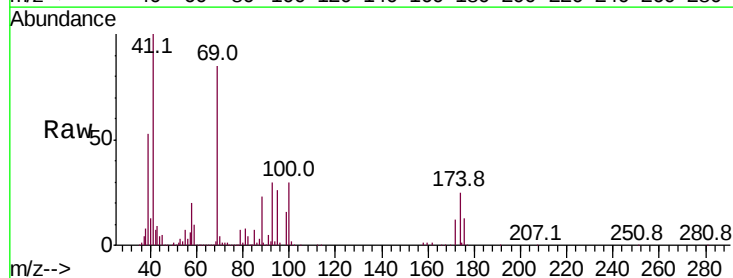
RT: 9.44 min Scan# 1236

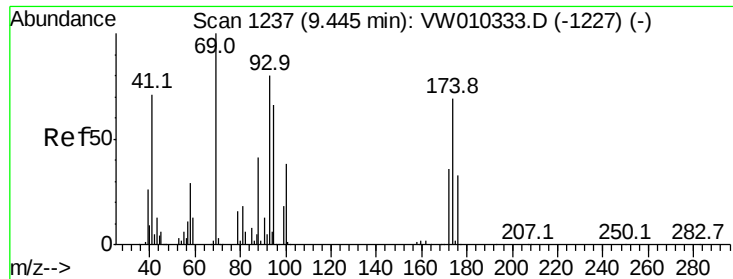
Delta R.T. 0.01 min

Lab File: VW010332.D

Acq: 09 May 2019 12:06

Tgt Ion:	41	Resp:	194650
Ion	Ratio	Lower	Upper
41	100		
69	90.0	60.1	90.1
39	53.3	51.0	76.6





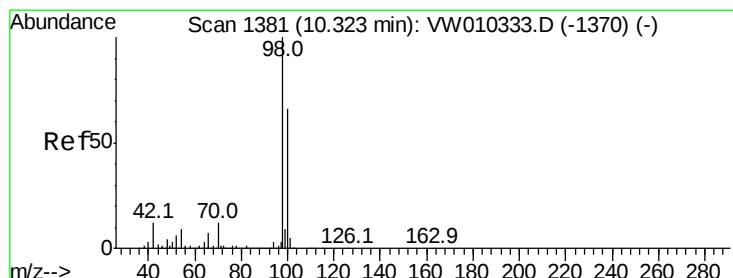
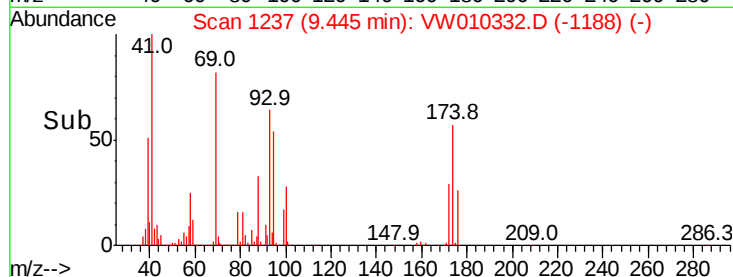
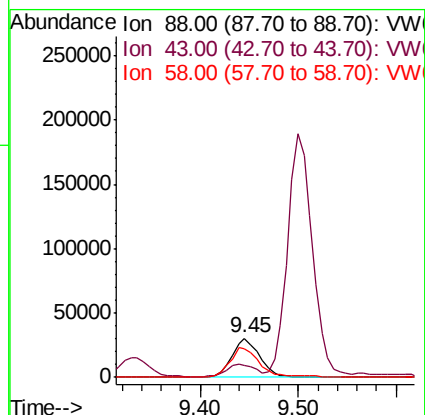
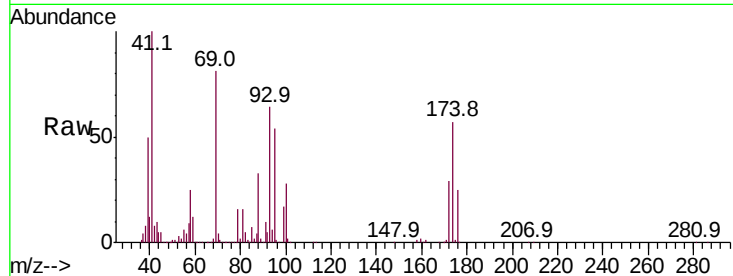
#49
1,4-Dioxane
Concen: 480.106 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW010332.D
Acq: 09 May 2019 12:06

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.5	31.9	47.9
58	83.3	61.8	92.6

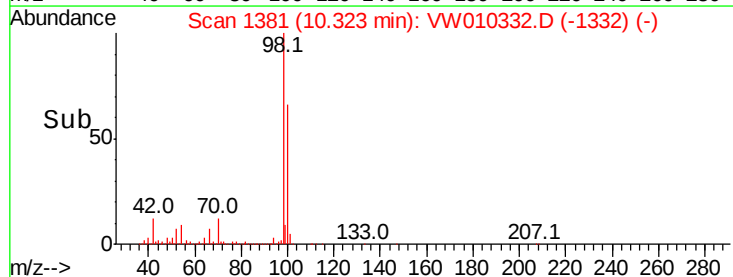
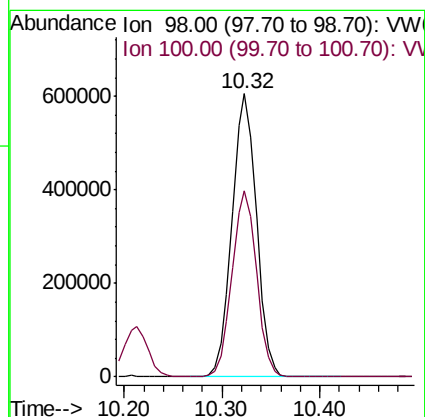
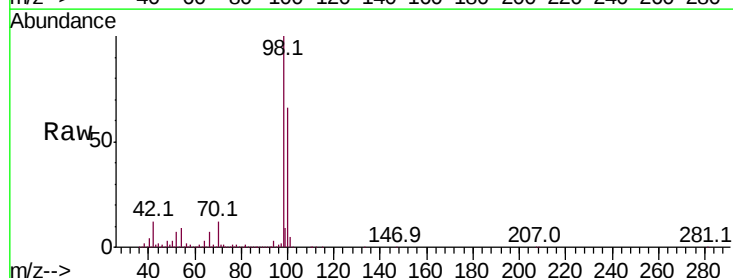
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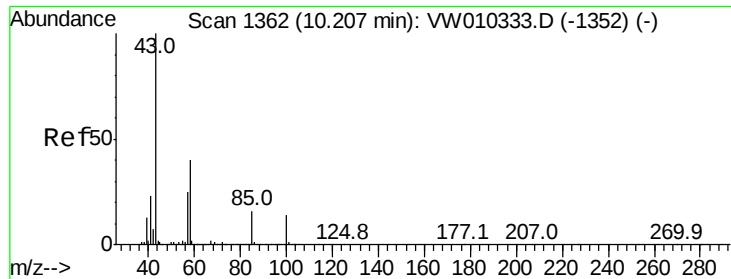
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#50
Toluene-d8
Concen: 20.451 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010332.D
Acq: 09 May 2019 12:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.3	78.5





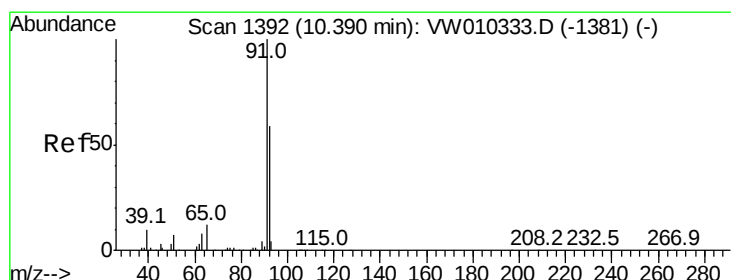
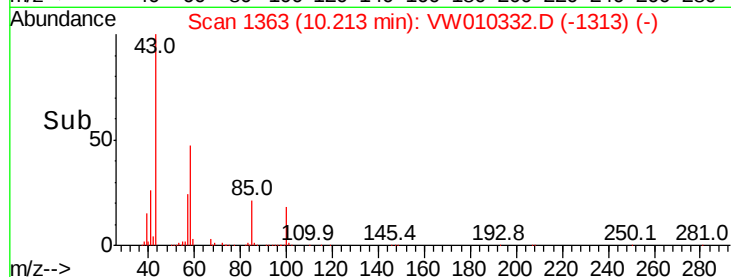
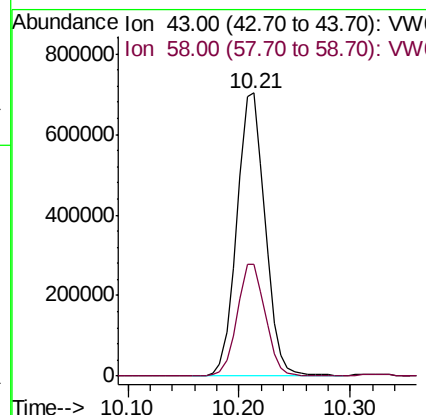
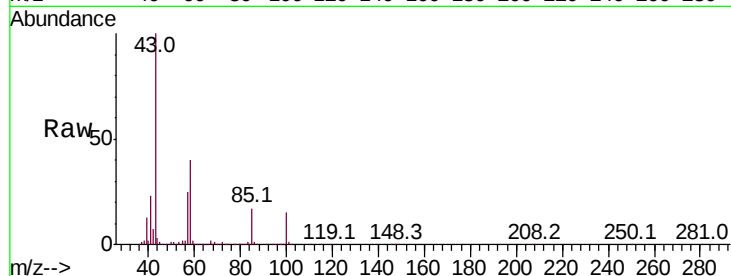
#51
4-Methyl-2-Pentanone
Concen: 112.753 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VW010332.D
Acq: 09 May 2019 12:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion: 43 Resp: 1239786
Ion Ratio Lower Upper
43 100
58 39.6 28.9 43.3

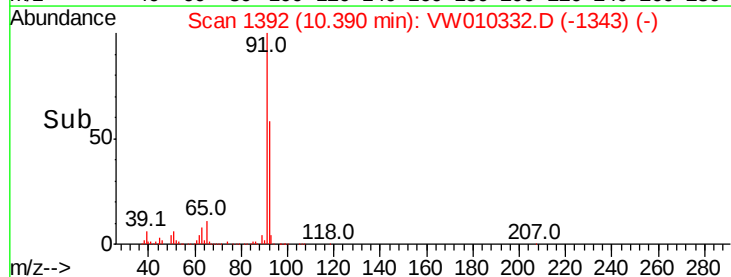
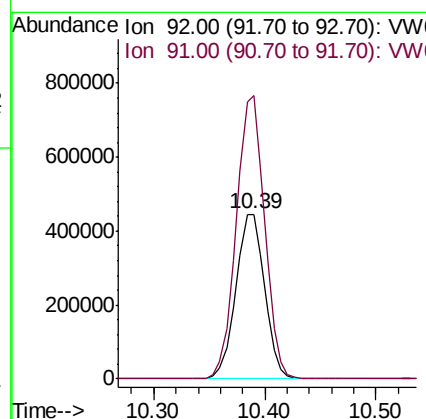
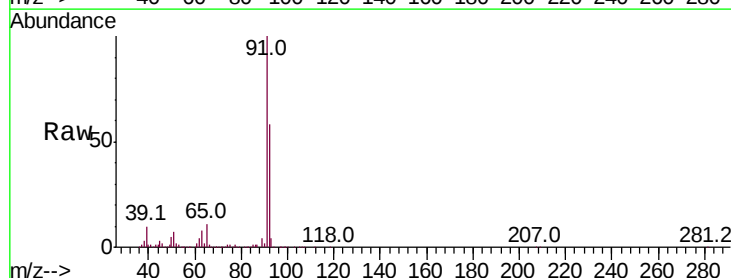
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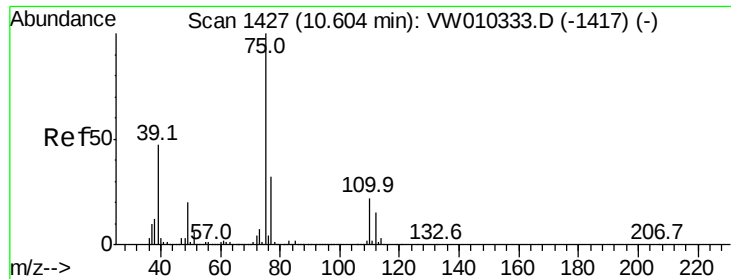
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#52
Toluene
Concen: 21.162 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW010332.D
Acq: 09 May 2019 12:06

Tgt Ion: 92 Resp: 794686
Ion Ratio Lower Upper
92 100
91 169.7 138.5 207.7





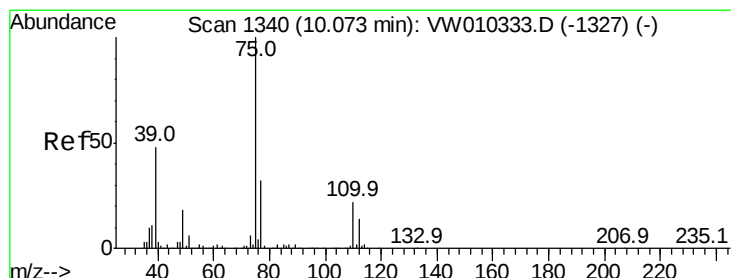
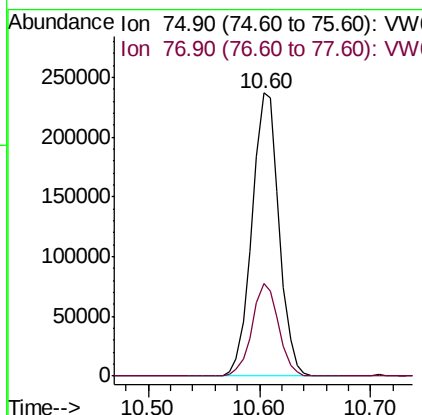
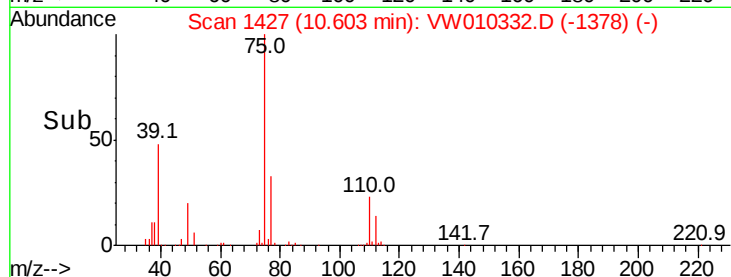
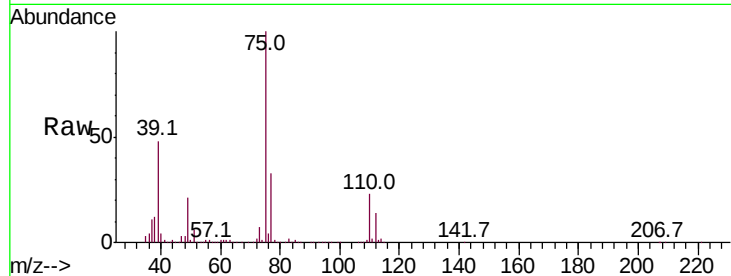
#53
 t-1,3-Dichloropropene
 Concen: 19.050 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW010332.D
 Acq: 09 May 2019 12:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion: 75 Resp: 400413
 Ion Ratio Lower Upper
 75 100
 77 32.6 26.9 40.3

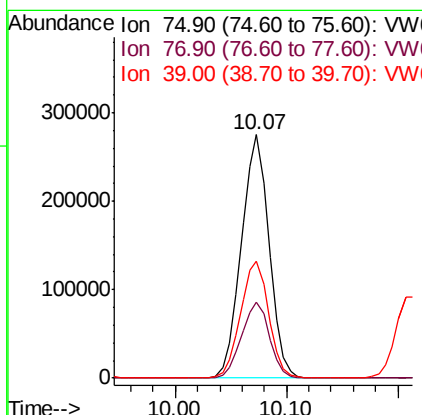
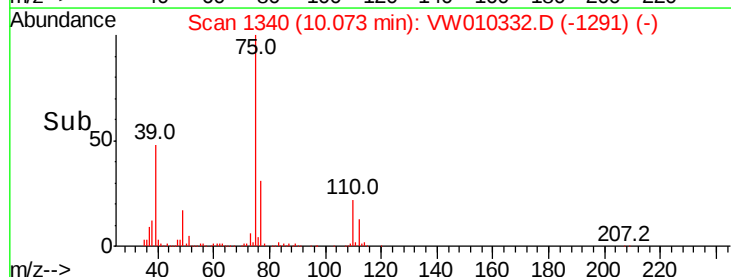
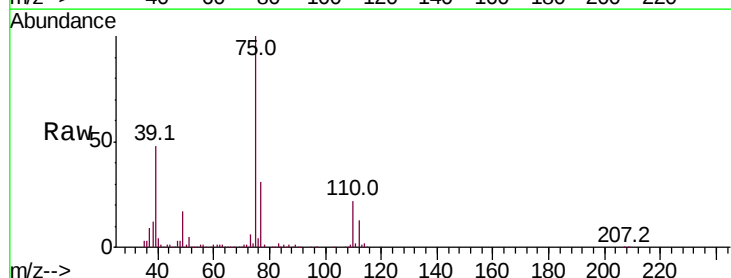
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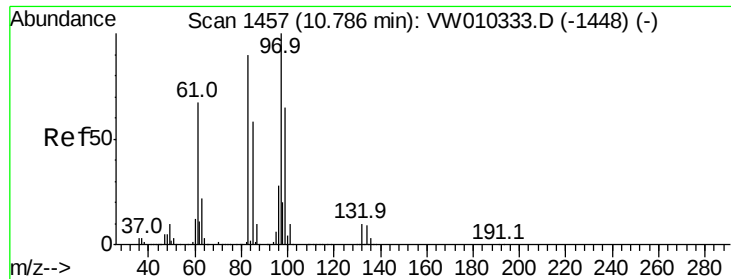
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 5/10/2019 10:07:20 AM



#54
 cis-1,3-Dichloropropene
 Concen: 19.785 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW010332.D
 Acq: 09 May 2019 12:06

Tgt Ion: 75 Resp: 474856
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.6 38.4
 39 47.8 47.8 71.6





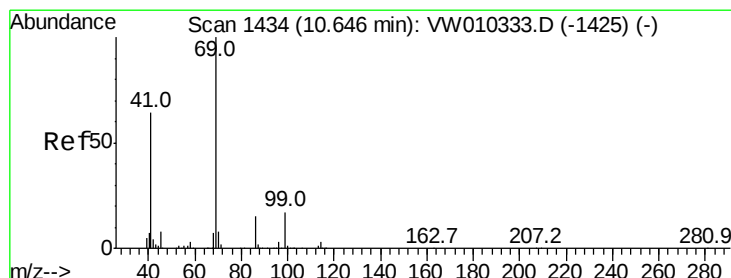
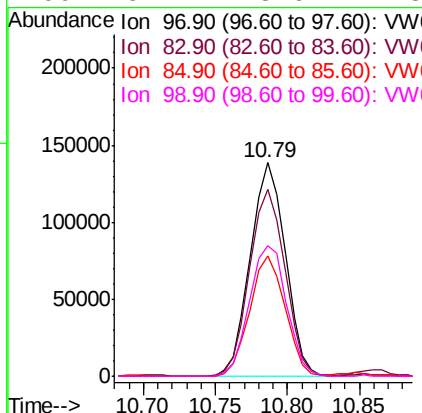
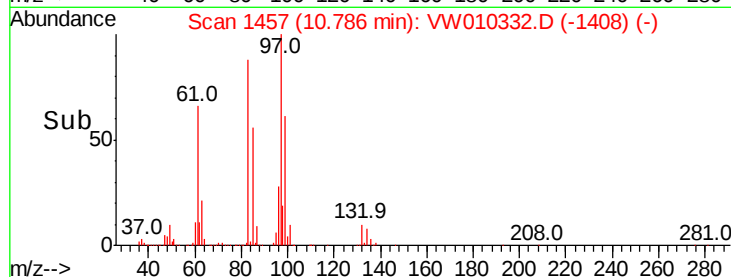
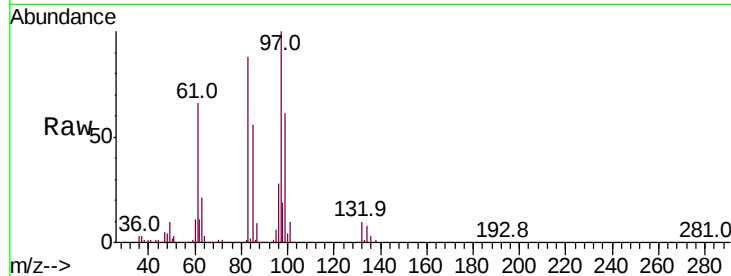
#55
 1,1,2-Trichloroethane
 Concen: 20.478 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010332.D
 Acq: 09 May 2019 12:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion:	97	Resp:	234733
Ion	Ratio	Lower	Upper
97	100		
83	87.5	68.9	103.3
85	56.1	42.9	64.3
99	61.1	48.6	72.8

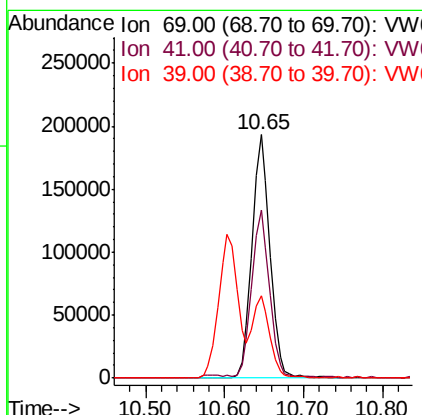
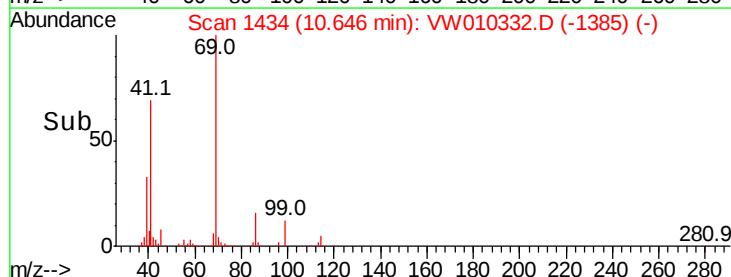
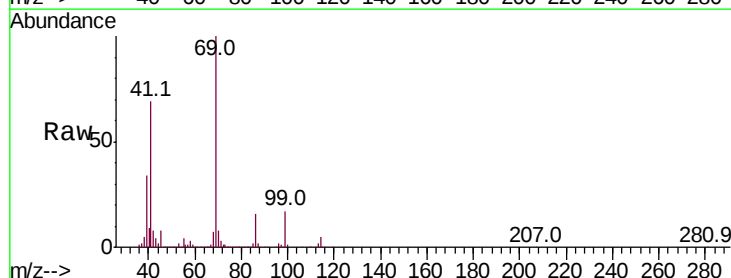
Manual Integrations
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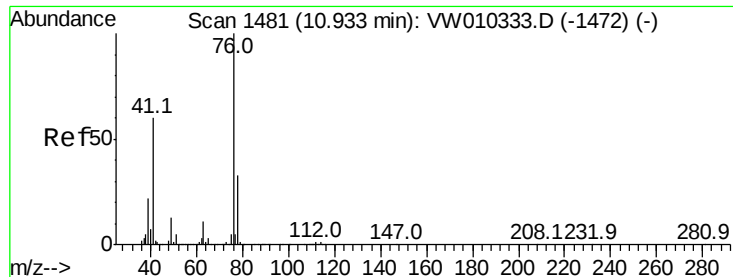
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#56
 Ethyl methacrylate
 Concen: 21.671 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW010332.D
 Acq: 09 May 2019 12:06

Tgt Ion:	69	Resp:	308816
Ion	Ratio	Lower	Upper
69	100		
41	67.4	61.0	91.6
39	31.8	33.8	50.6#





#57

1,3-Dichloropropane

Concen: 20.710 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW010332.D

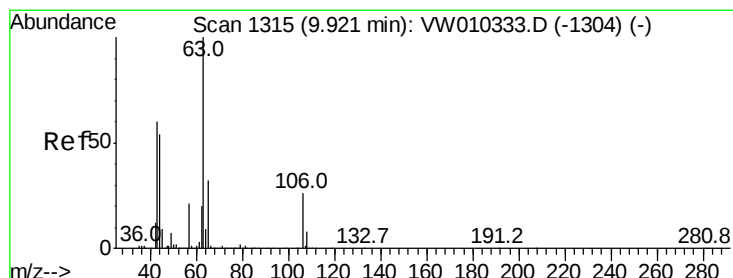
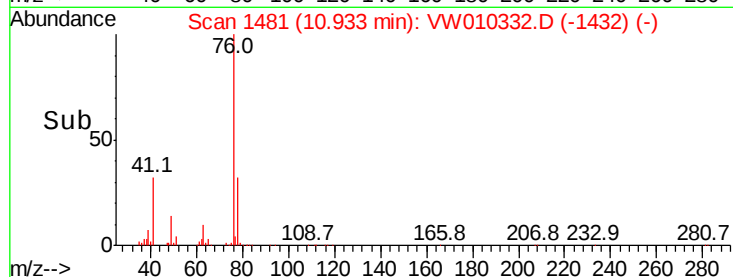
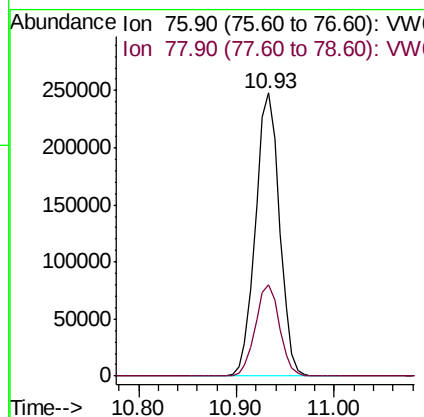
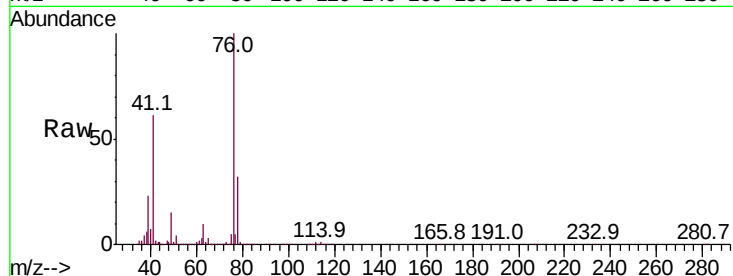
Acq: 09 May 2019 12:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.8	38.8

Manual Integrations
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MMDadoda
5/10/2019 10:07:20 AM



#58

2-Chloroethyl Vinyl ether

Concen: 122.149 ug/l

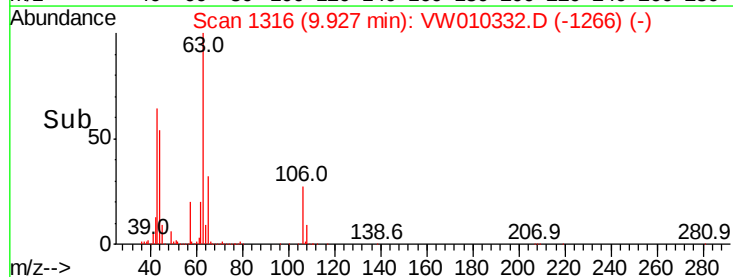
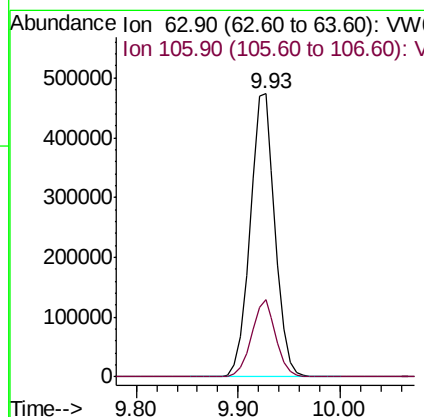
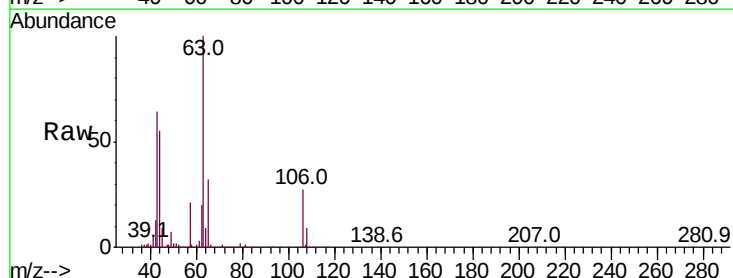
RT: 9.93 min Scan# 1316

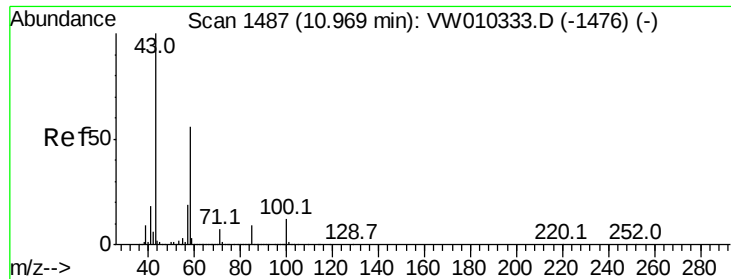
Delta R.T. 0.01 min

Lab File: VW010332.D

Acq: 09 May 2019 12:06

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.4	21.4	32.0





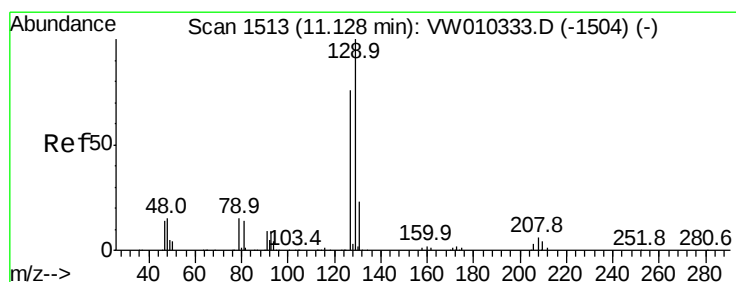
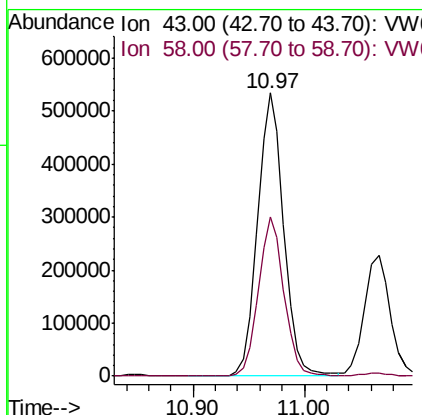
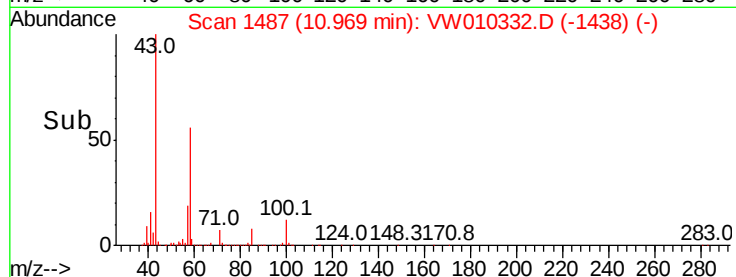
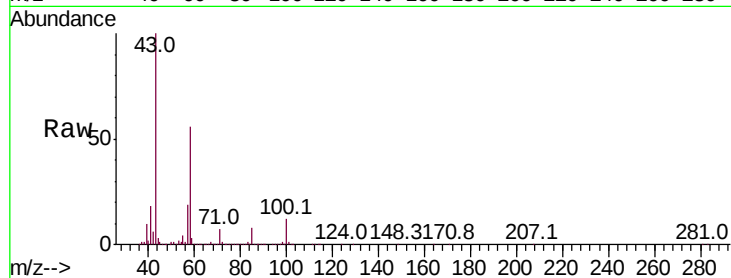
#59
2-Hexanone
Concen: 113.785 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010332.D
Acq: 09 May 2019 12:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion: 43 Resp: 870928
Ion Ratio Lower Upper
43 100
58 55.3 24.9 74.7

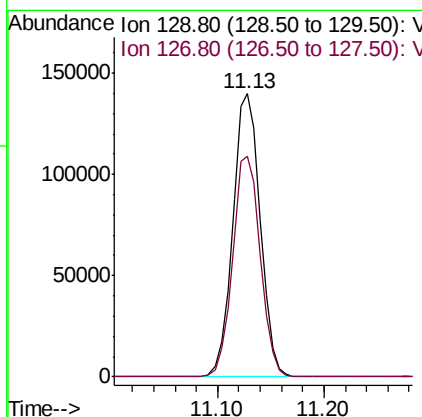
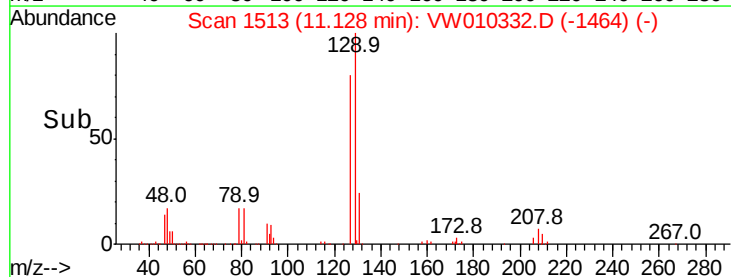
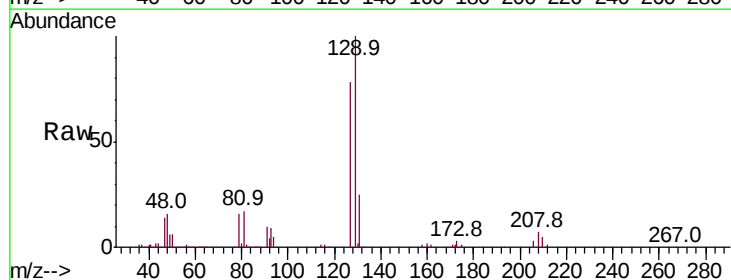
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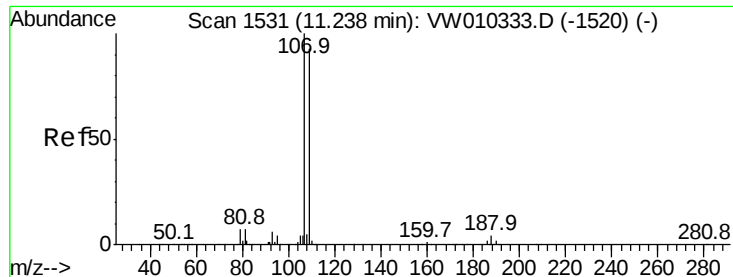
MMDadoda
5/10/2019 10:07:20 AM



#60
Dibromochloromethane
Concen: 18.994 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010332.D
Acq: 09 May 2019 12:06

Tgt Ion: 129 Resp: 251643
Ion Ratio Lower Upper
129 100
127 78.7 38.6 116.0





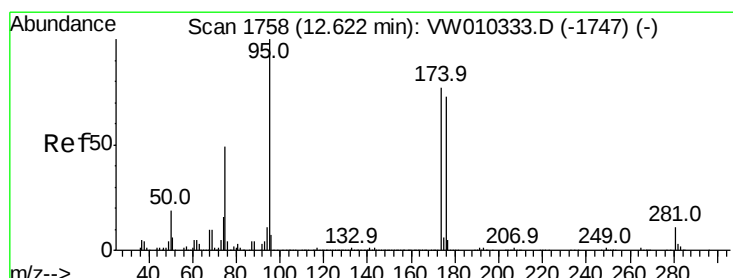
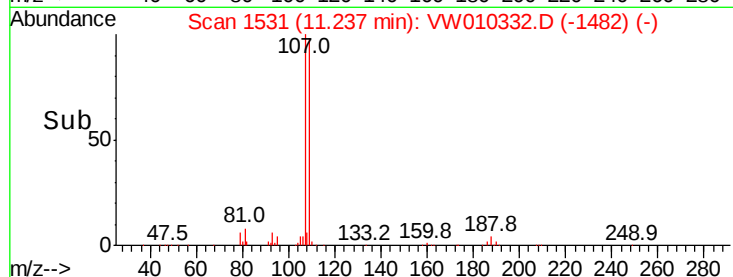
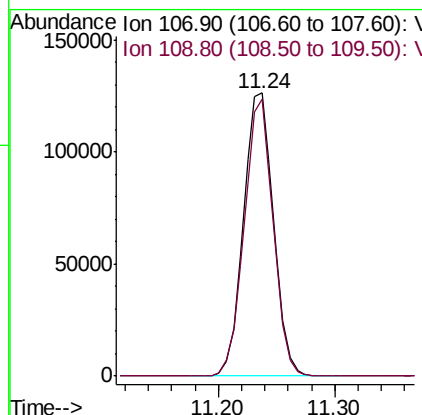
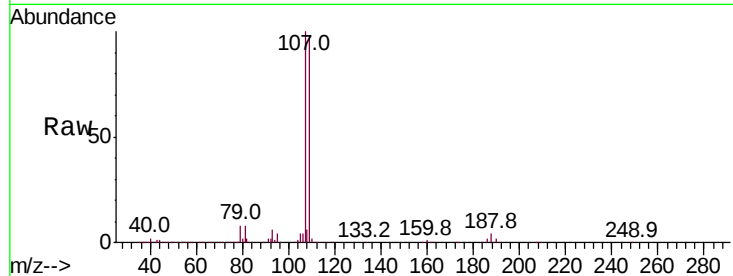
#61
 1,2-Dibromoethane
 Concen: 20.819 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW010332.D
 Acq: 09 May 2019 12:06

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.5	73.6	110.4

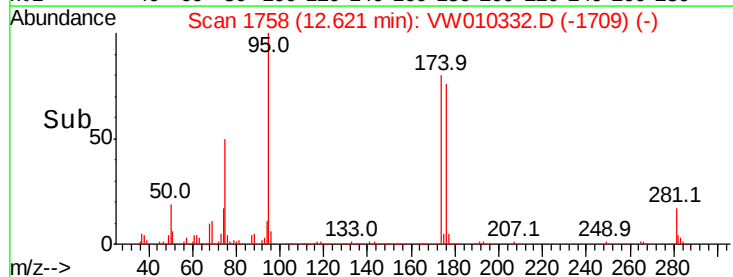
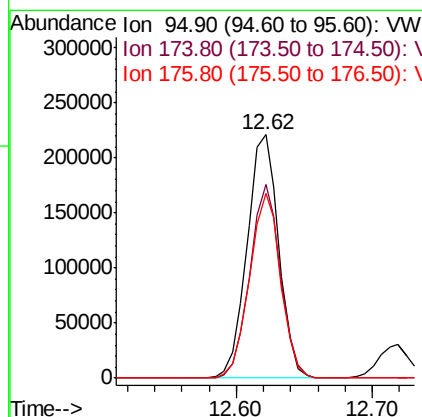
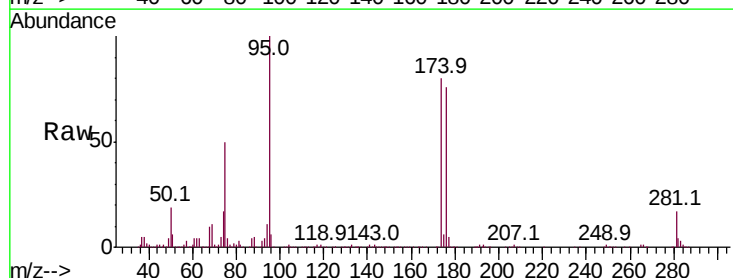
Manual Integrations
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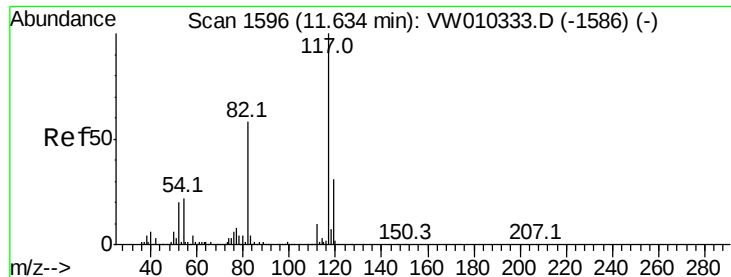
MMDadoda
 5/10/2019 10:07:20 AM



#62
 4-Bromofluorobenzene
 Concen: 19.252 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW010332.D
 Acq: 09 May 2019 12:06

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.3	0.0	151.4
176	74.7	0.0	146.2





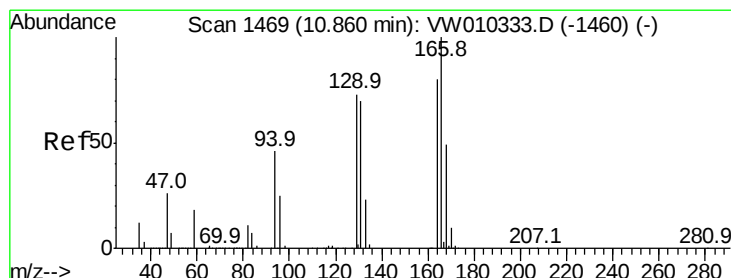
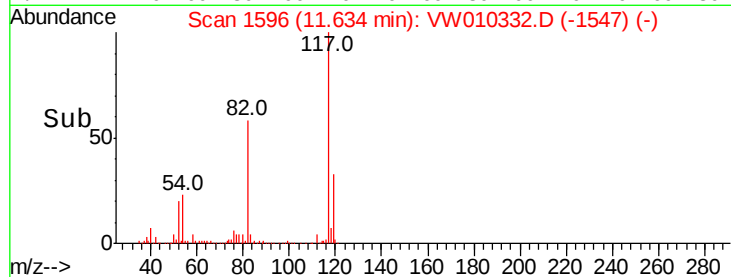
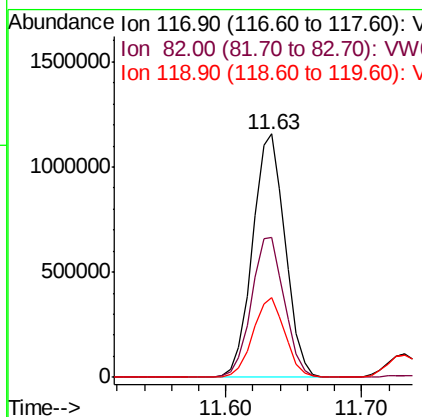
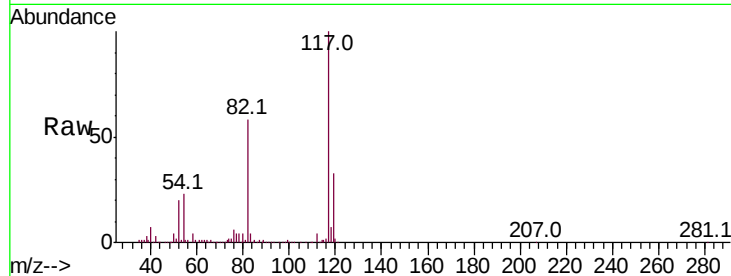
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010332.D
Acq: 09 May 2019 12:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.7	45.2	67.8
119	32.6	25.4	38.2

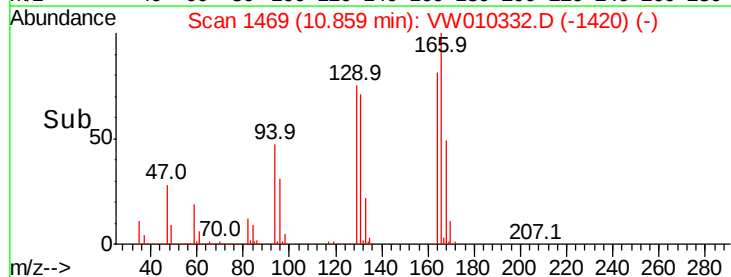
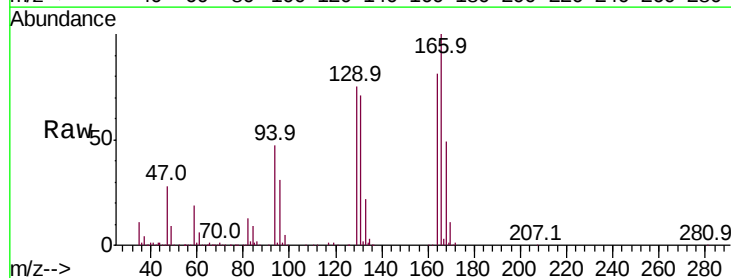
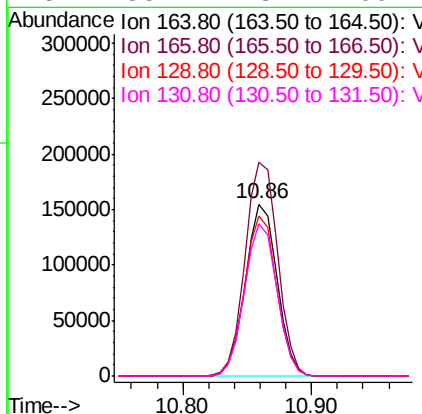
Manual Integrations
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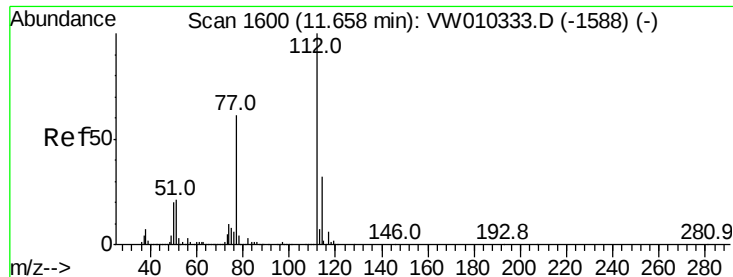
MMDadoda
5/10/2019 10:07:20 AM



#64
Tetrachloroethene
Concen: 20.815 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010332.D
Acq: 09 May 2019 12:06

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.1	101.2	151.8
129	93.1	77.8	116.6
131	88.7	73.1	109.7





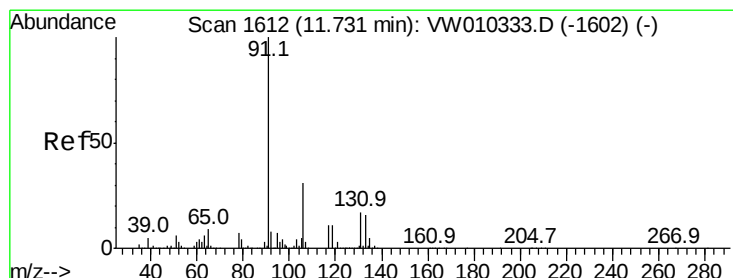
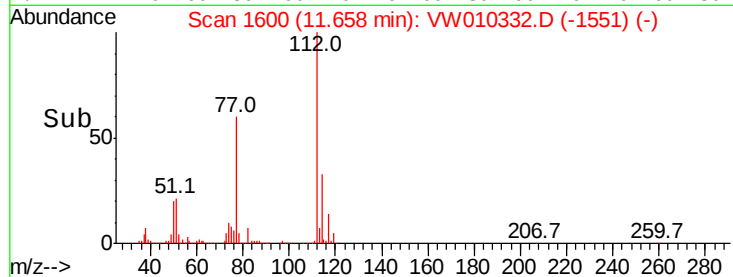
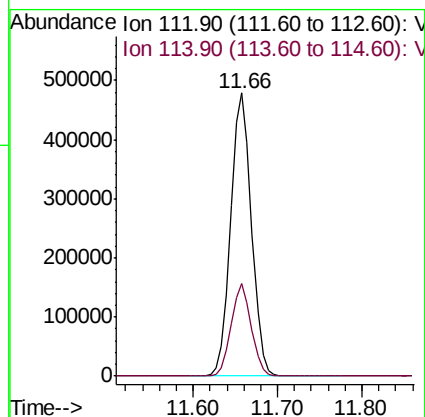
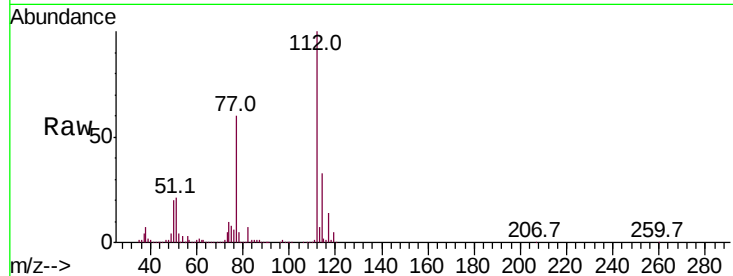
#65
Chlorobenzene
Concen: 20.151 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010332.D
Acq: 09 May 2019 12:06

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.6	26.5	39.7

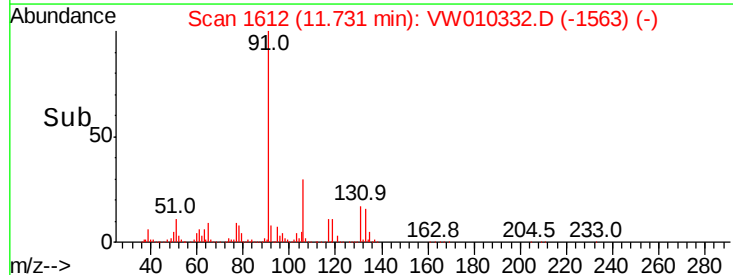
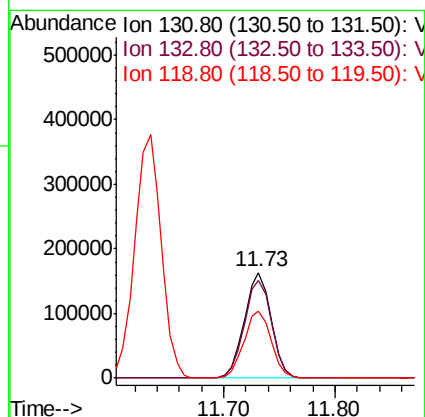
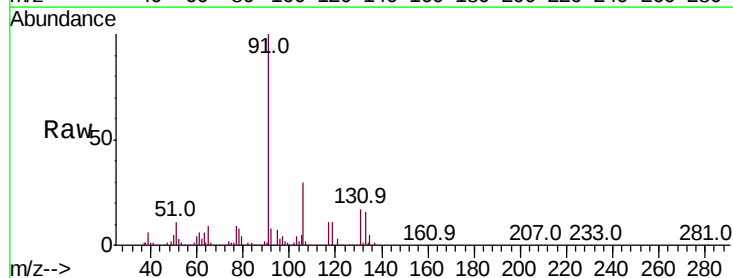
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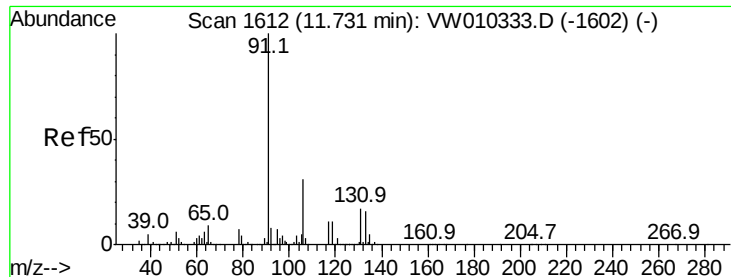
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.060 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010332.D
Acq: 09 May 2019 12:06

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.6	46.5	139.5
119	64.8	31.9	95.5





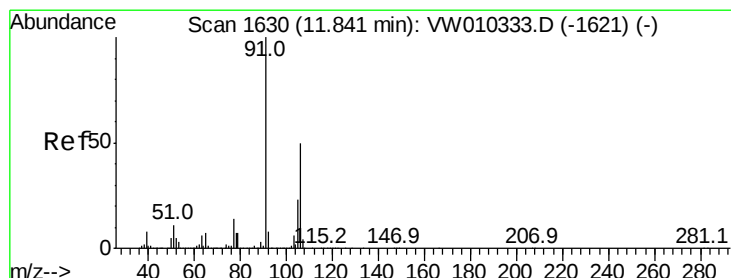
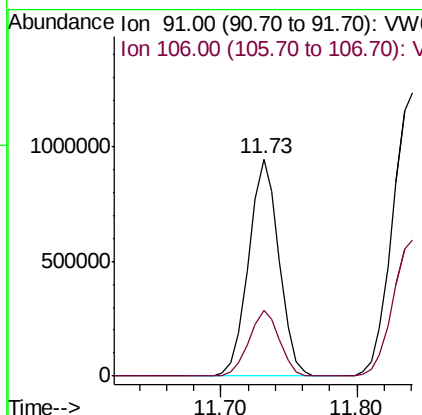
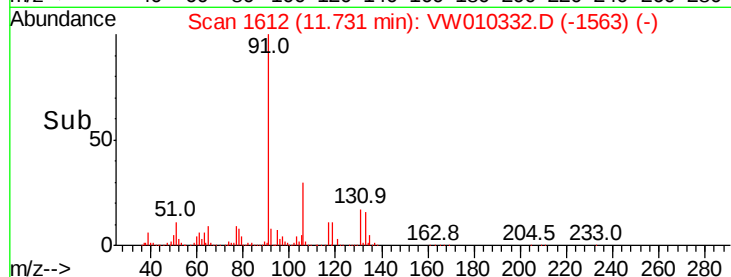
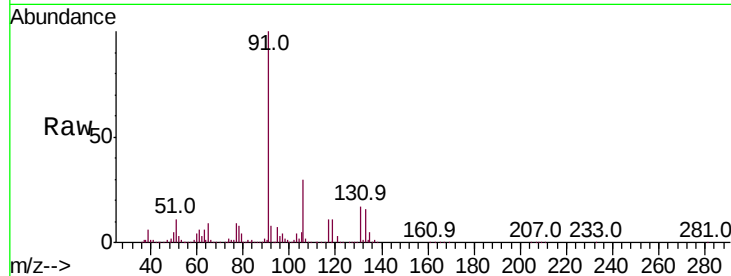
#67
Ethyl Benzene
Concen: 20.768 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010332.D
Acq: 09 May 2019 12:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion: 91 Resp: 1476586
Ion Ratio Lower Upper
91 100
106 30.3 23.8 35.8

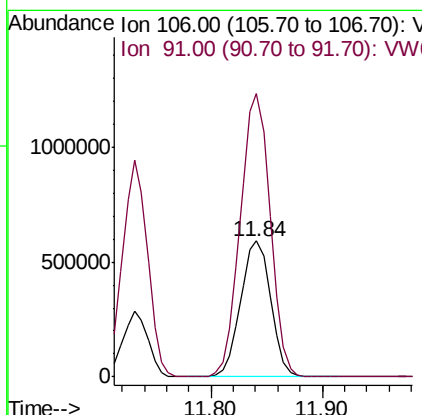
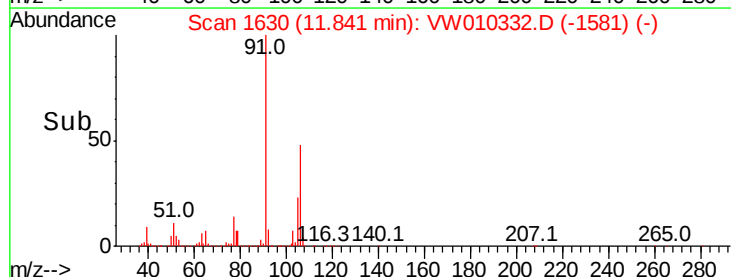
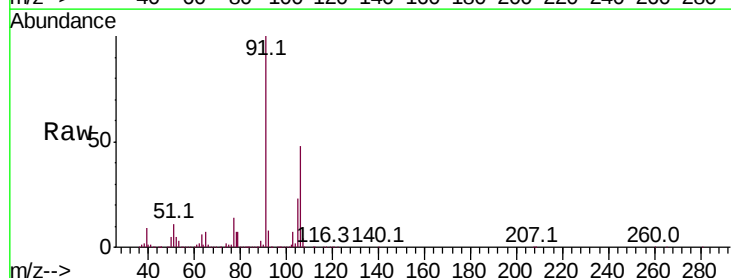
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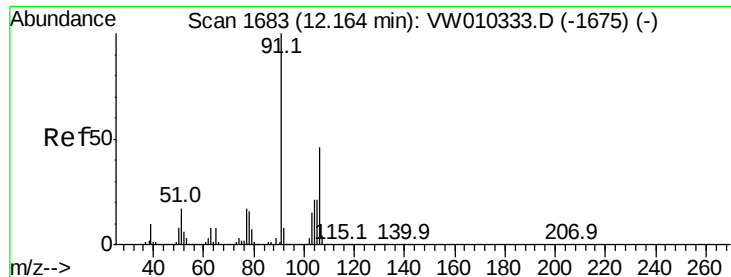
MMDadoda
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#68
m/p-Xylenes
Concen: 41.825 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010332.D
Acq: 09 May 2019 12:06

Tgt Ion: 106 Resp: 1111620
Ion Ratio Lower Upper
106 100
91 206.6 165.0 247.6





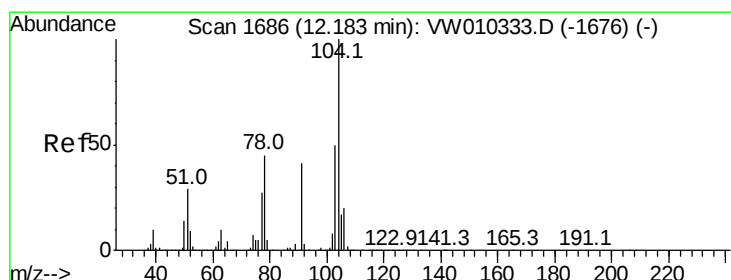
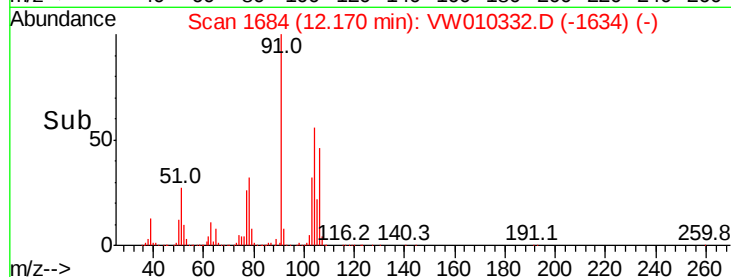
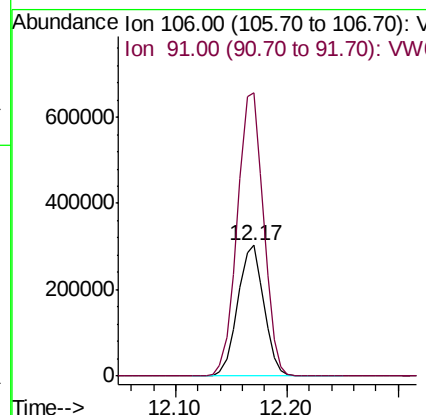
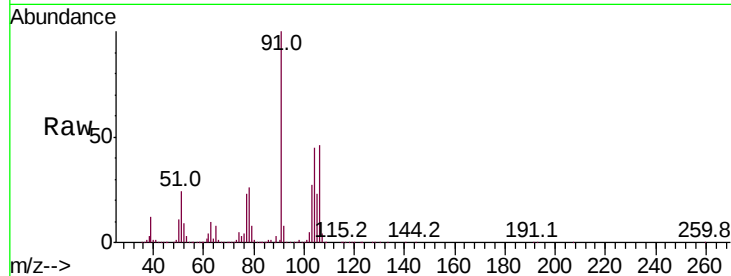
#69
o-Xylene
Concen: 20.341 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW010332.D
Acq: 09 May 2019 12:06

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

Tot Ion:106 Resp: 492247
Ion Ratio Lower Upper
106 100
91 218.2 110.5 331.4

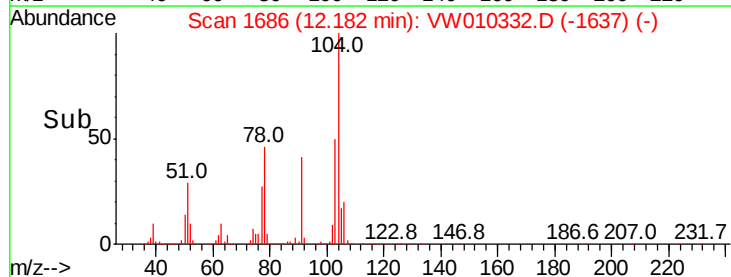
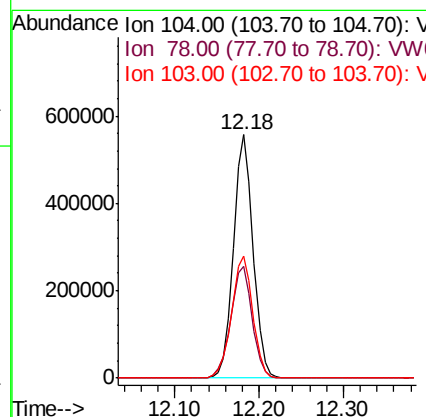
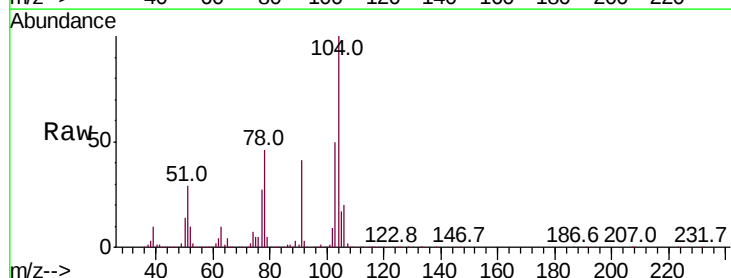
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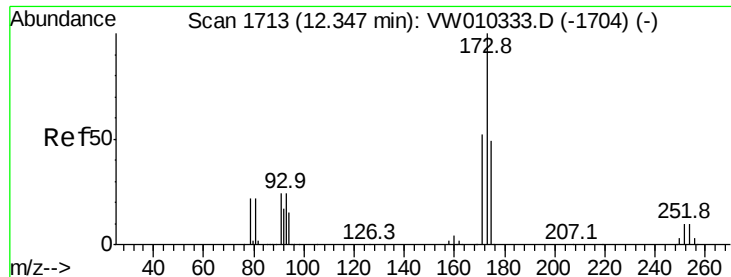
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#70
Styrene
Concen: 21.167 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010332.D
Acq: 09 May 2019 12:06

Tgt Ion:104 Resp: 883219
Ion Ratio Lower Upper
104 100
78 50.5 42.5 63.7
103 54.4 43.6 65.4





#71

Bromoform

Concen: 20.450 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW010332.D

Acq: 09 May 2019 12:06

Instrument :

MSVOA_W

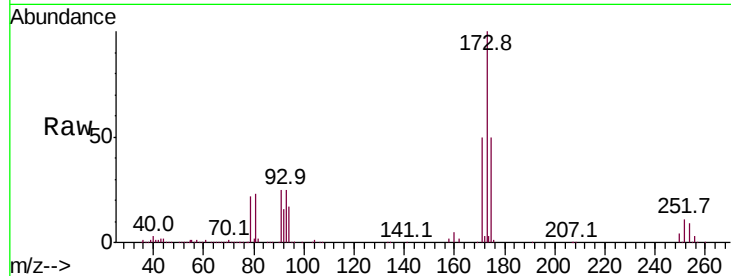
ClientSampleId :

VSTDIC020

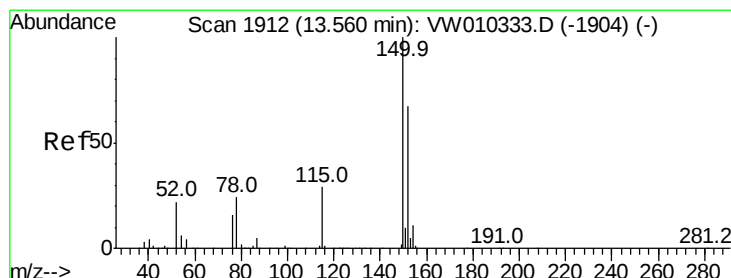
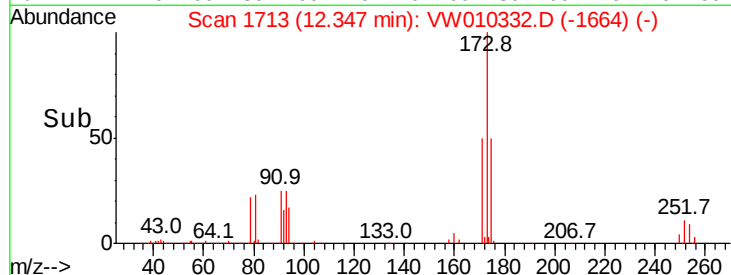
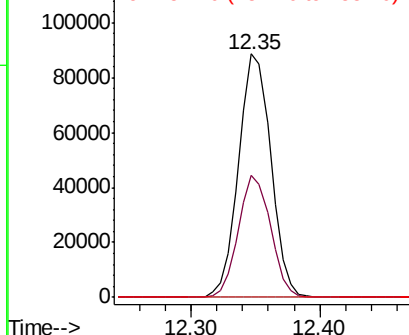
Tot Ion:	173	Resp:	154102
Ion Ratio	Lower	Upper	
173	100		
175	49.6	23.8	71.4
254	0.1	0.1	0.1

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

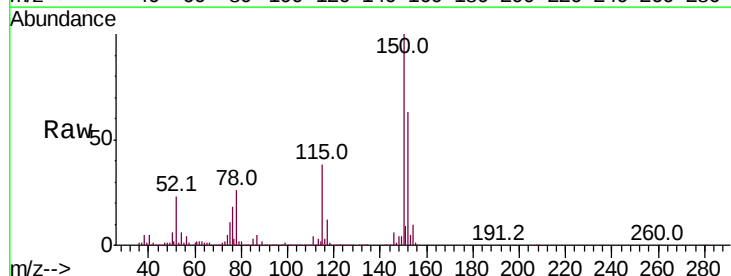
RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

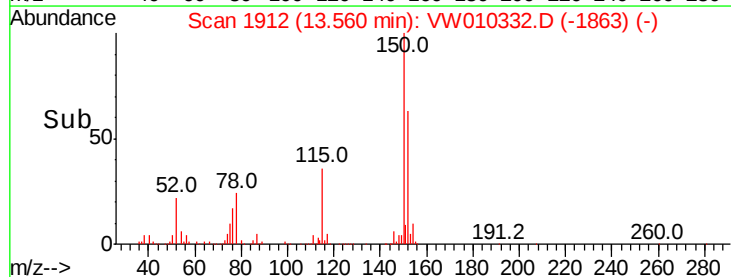
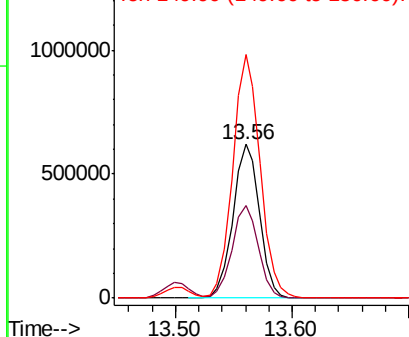
Lab File: VW010332.D

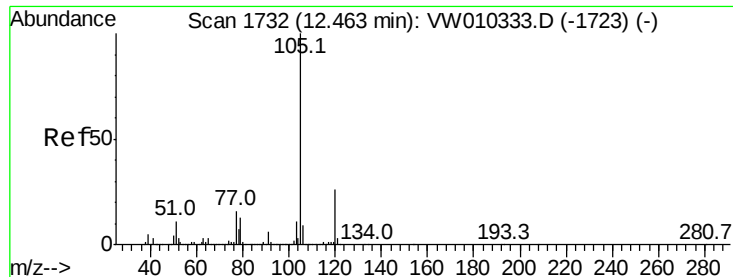
Acq: 09 May 2019 12:06

Tgt Ion:	152	Resp:	980308
Ion Ratio	Lower	Upper	
152	100		
115	59.7	30.4	91.2
150	162.9	0.0	347.0



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





#73

Isopropylbenzene

Concen: 20.582 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW010332.D

Acq: 09 May 2019 12:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion:105 Resp: 1404277

Ion Ratio Lower Upper

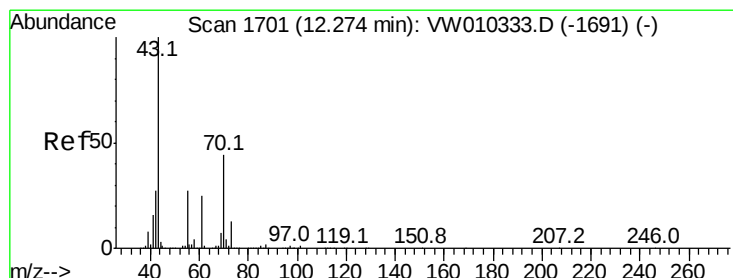
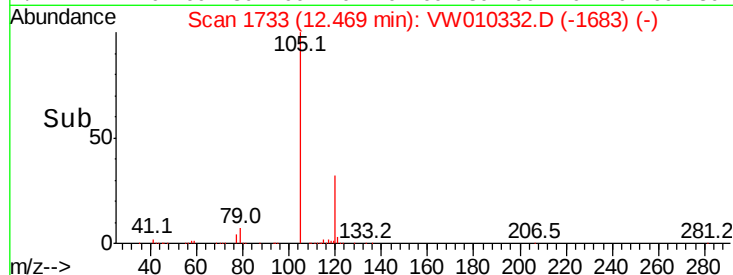
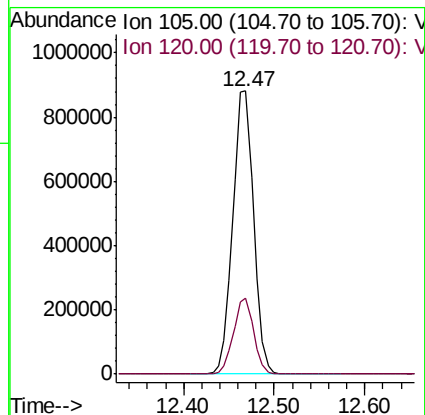
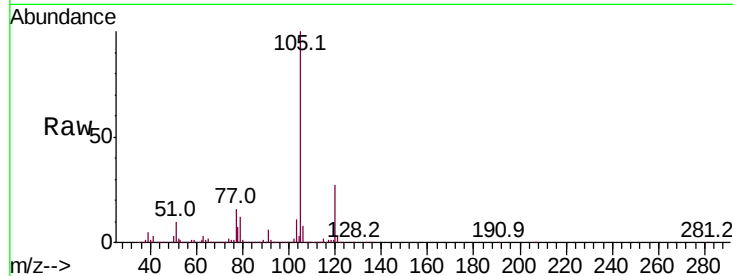
105 100

120 25.9 13.1 39.1

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#74

N-ethyl acetate

Concen: 19.363 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW010332.D

Acq: 09 May 2019 12:06

Tgt Ion: 43 Resp: 365852

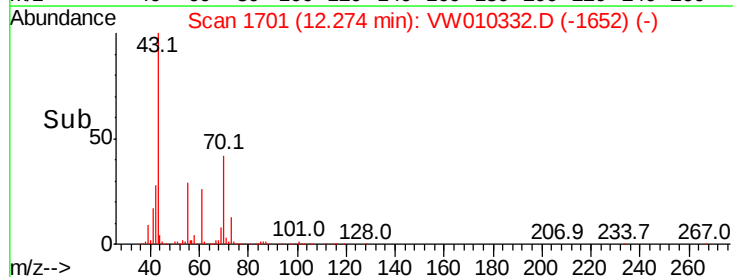
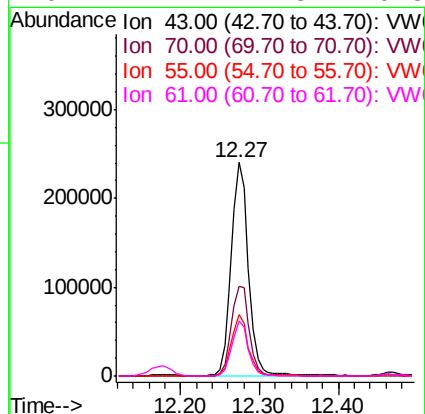
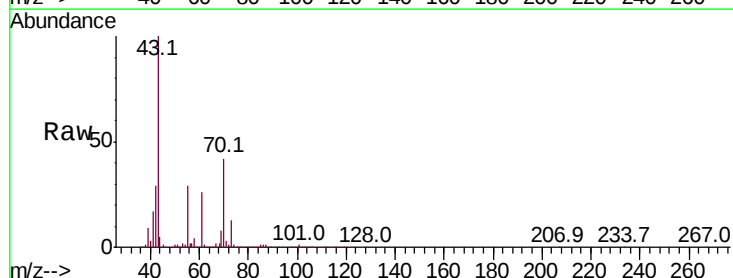
Ion Ratio Lower Upper

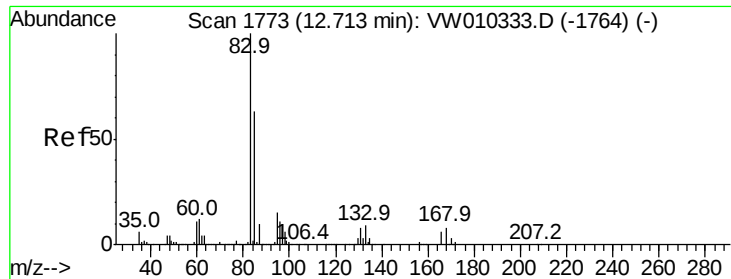
43 100

70 44.0 31.3 46.9

55 28.5 20.0 30.0

61 24.4 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 23.049 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.01 min

Lab File: VW010332.D

Acq: 09 May 2019 12:06

Instrument :

MSVOA_W

ClientSampled :

VSTDIC020

Tot Ion: 83 Resp: 310692

Ion Ratio Lower Upper

83 100

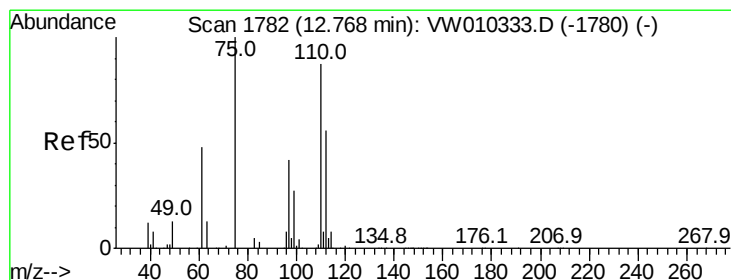
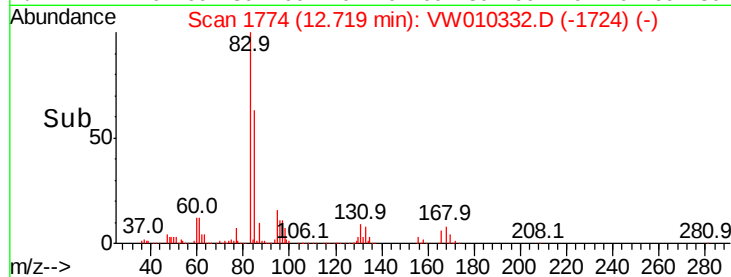
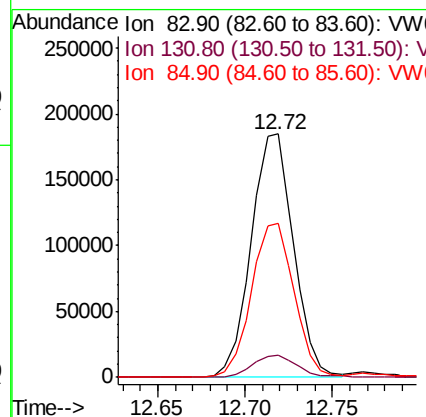
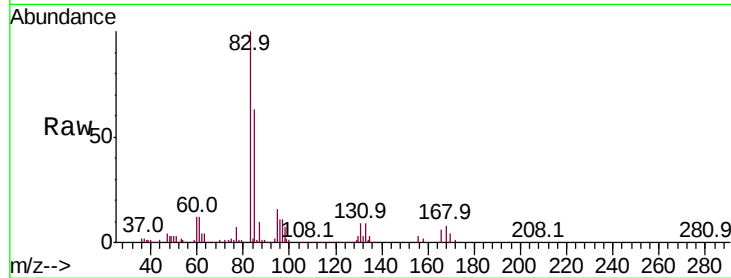
131 9.8 5.3 15.8

85 63.7 32.0 96.2

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#76

1,2,3-Trichloropropane

Concen: 23.488 ug/l m

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW010332.D

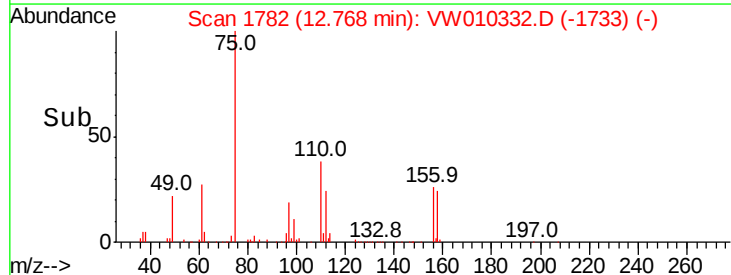
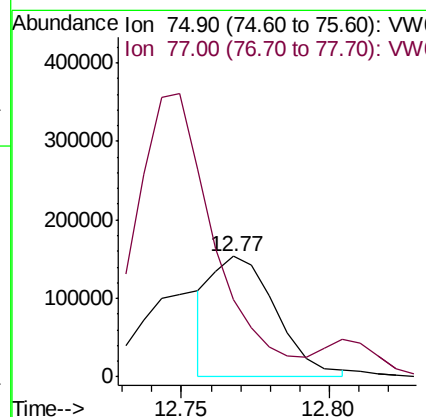
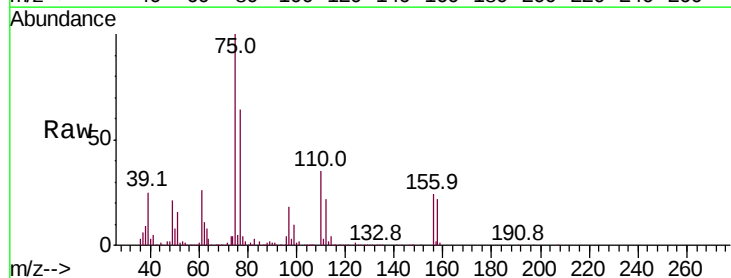
Acq: 09 May 2019 12:06

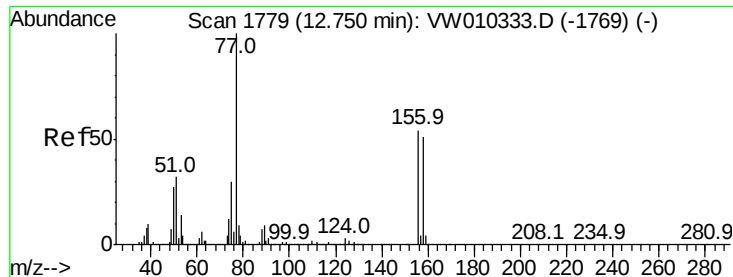
Tgt Ion: 75 Resp: 230454

Ion Ratio Lower Upper

75 100

77 294.0 0.0 0.0#





#77

Bromobenzene

Concen: 20.216 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW010332.D

Acq: 09 May 2019 12:06

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion:156 Resp: 317219

Ion Ratio Lower Upper

156 100

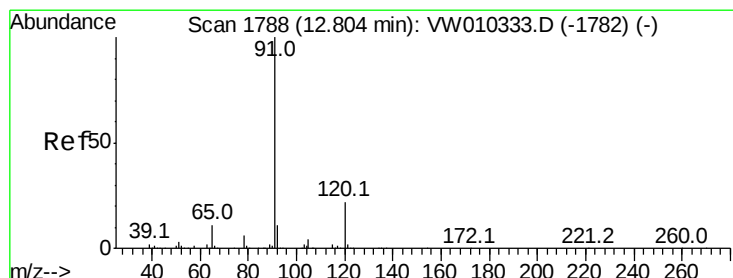
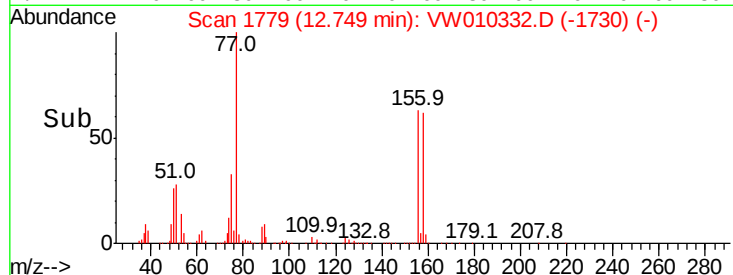
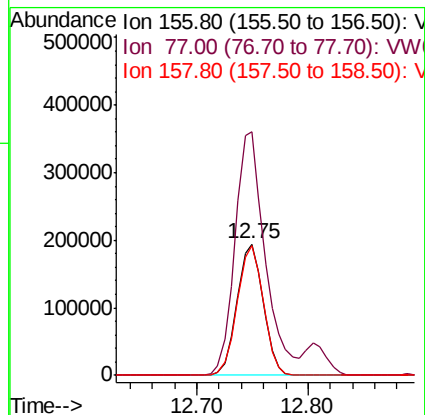
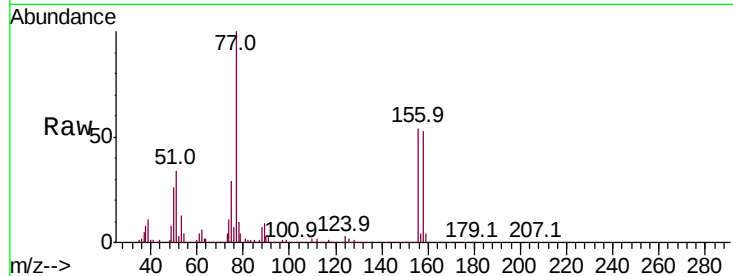
77 213.6 102.5 307.4

158 98.0 48.8 146.4

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#78

n-propylbenzene

Concen: 20.880 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW010332.D

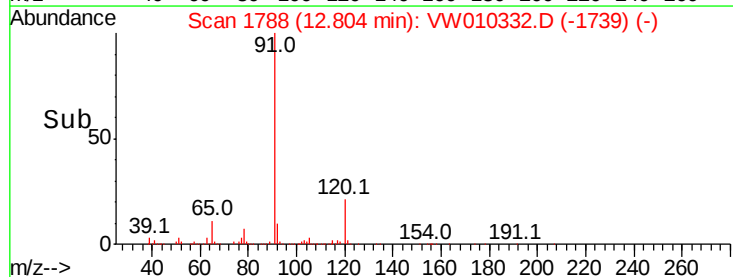
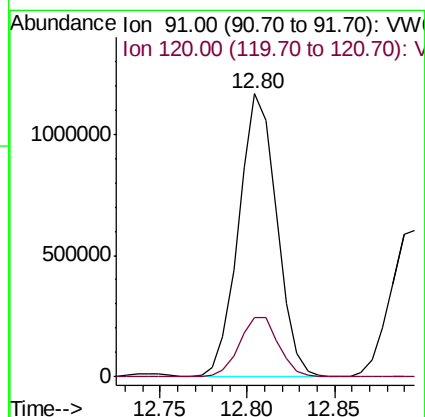
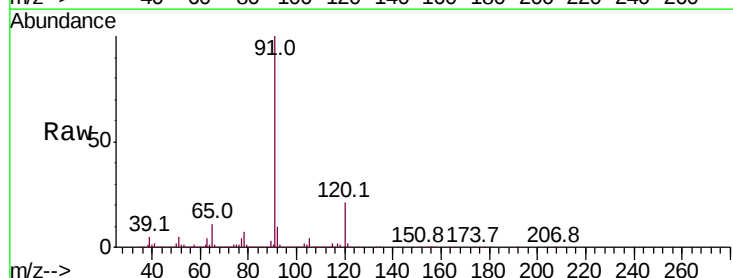
Acq: 09 May 2019 12:06

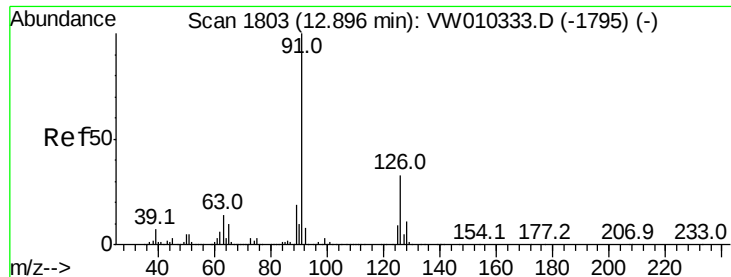
Tgt Ion: 91 Resp: 1765591

Ion Ratio Lower Upper

91 100

120 21.7 11.1 33.1





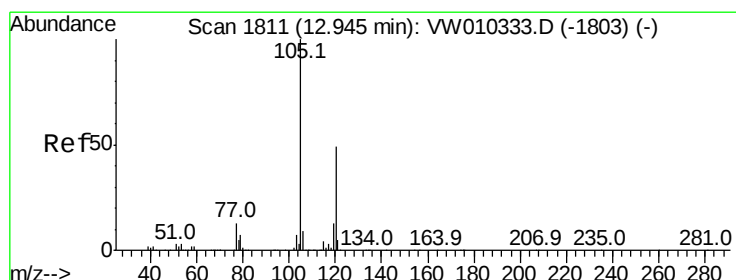
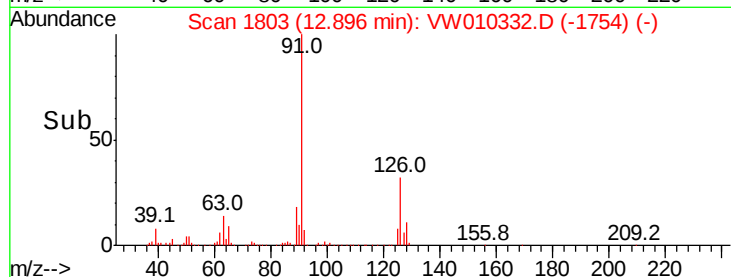
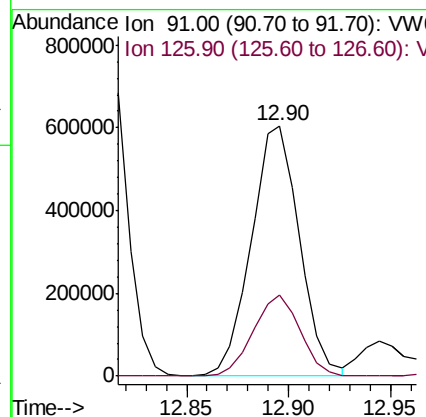
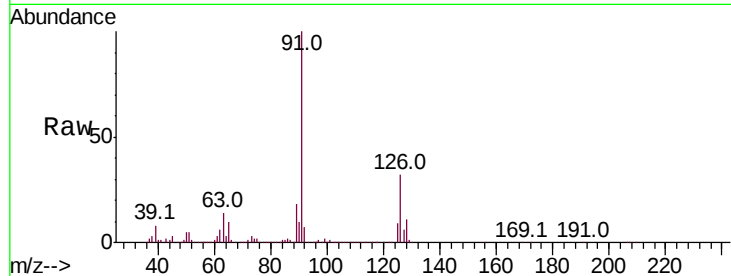
#79
2-Chlorotoluene
Concen: 20.308 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW010332.D
Acq: 09 May 2019 12:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion: 91 Resp: 987606
Ion Ratio Lower Upper
91 100
126 31.8 16.3 48.8

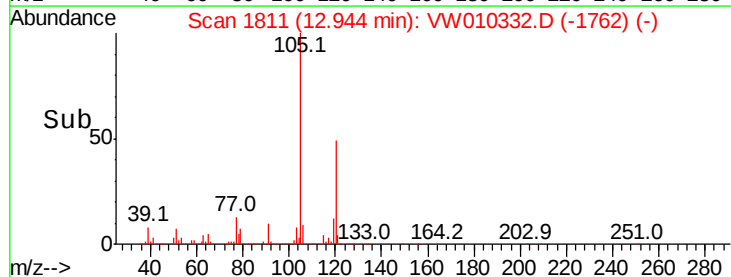
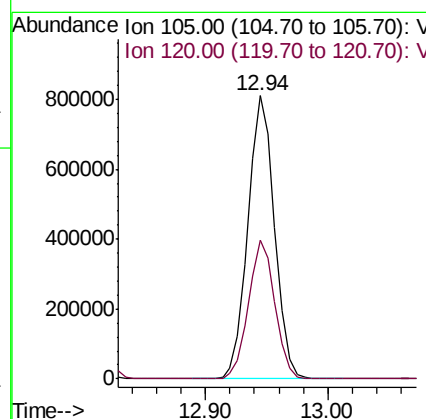
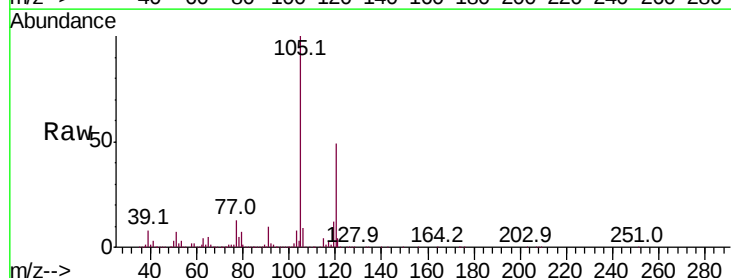
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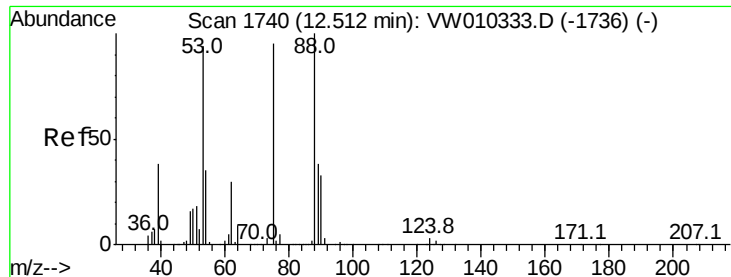
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#80
1,3,5-Trimethylbenzene
Concen: 21.079 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW010332.D
Acq: 09 May 2019 12:06

Tgt Ion:105 Resp: 1219366
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 23.220 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW010332.D

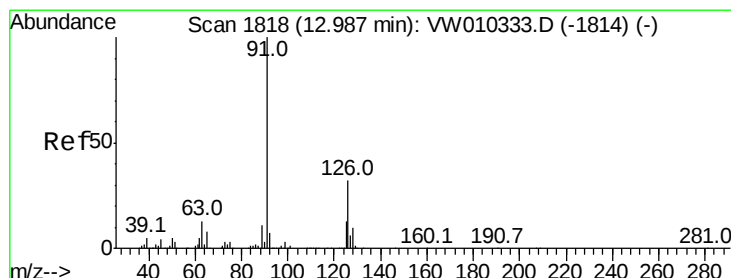
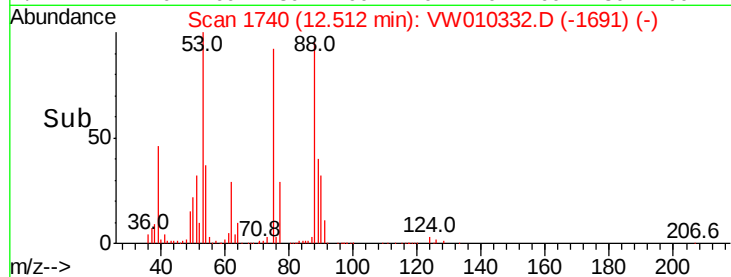
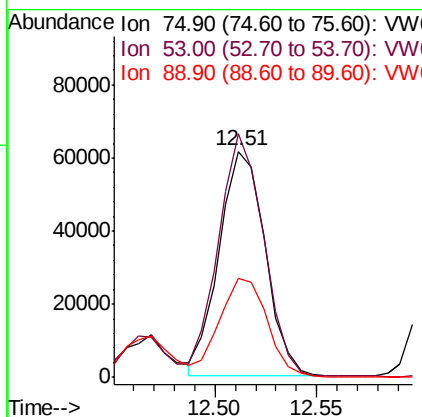
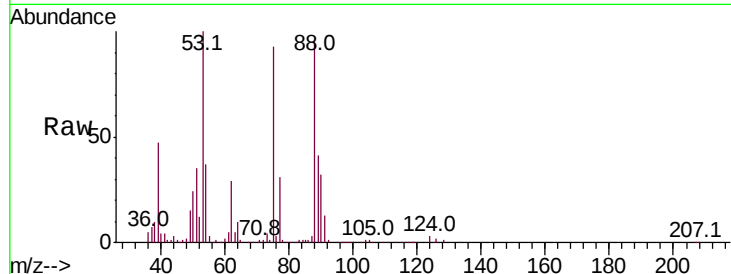
Acq: 09 May 2019 12:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
75	100		
53	106.8	89.8	134.8
89	45.9	36.6	54.8

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#82

4-Chlorotoluene

Concen: 20.568 ug/l

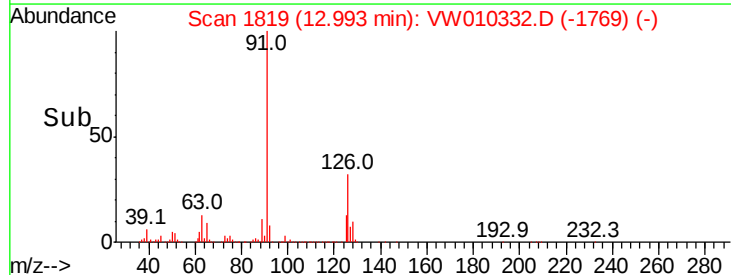
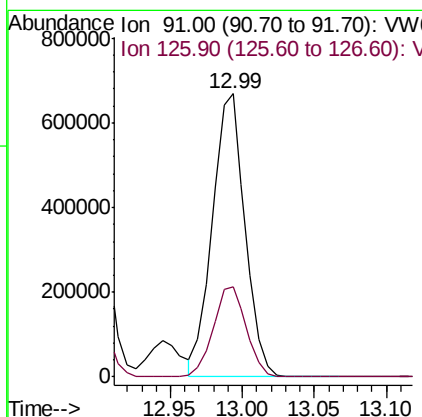
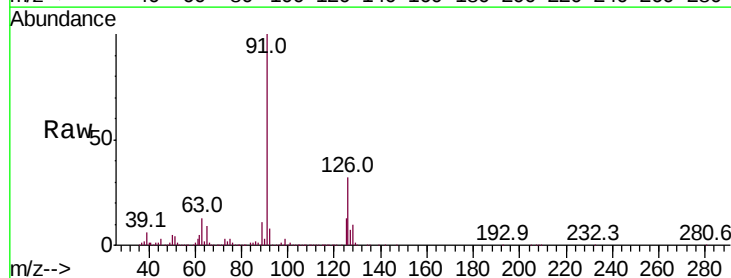
RT: 12.99 min Scan# 1819

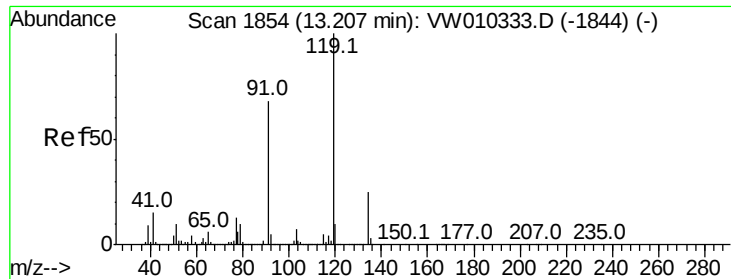
Delta R.T. 0.01 min

Lab File: VW010332.D

Acq: 09 May 2019 12:06

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.2	16.4	49.1





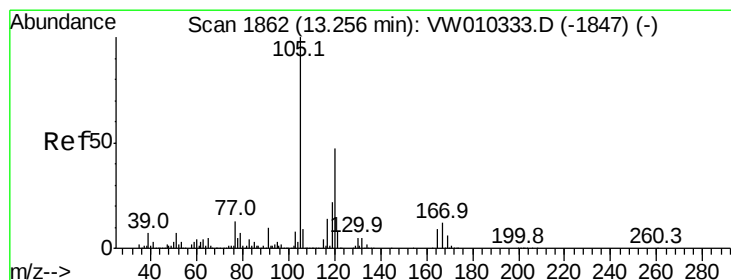
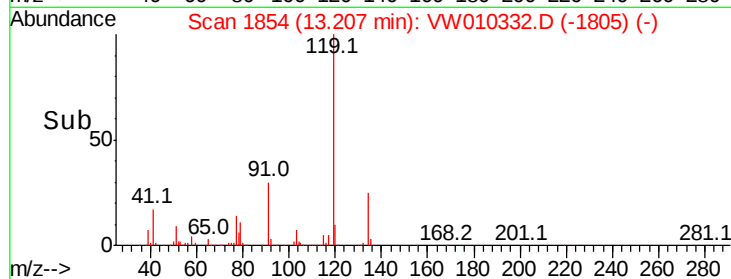
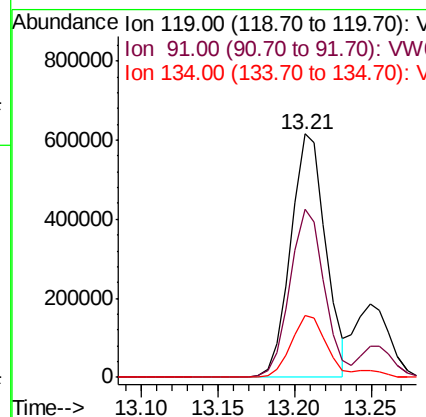
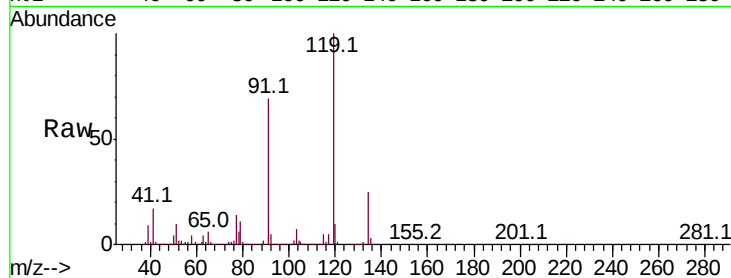
#83
 tert-Butylbenzene
 Concen: 20.348 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW010332.D
 Acq: 09 May 2019 12:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.1	34.8	104.4
134	25.4	13.7	41.1

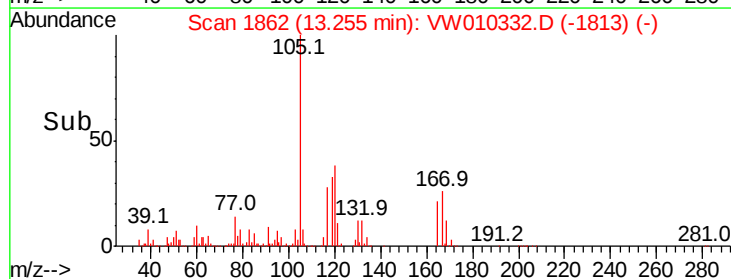
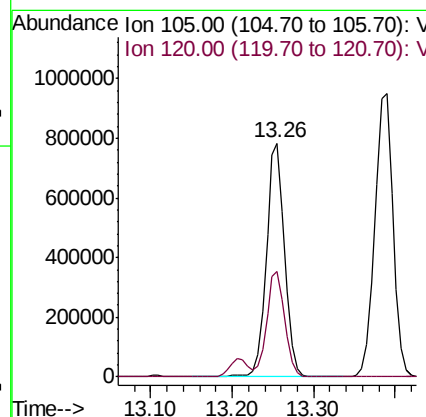
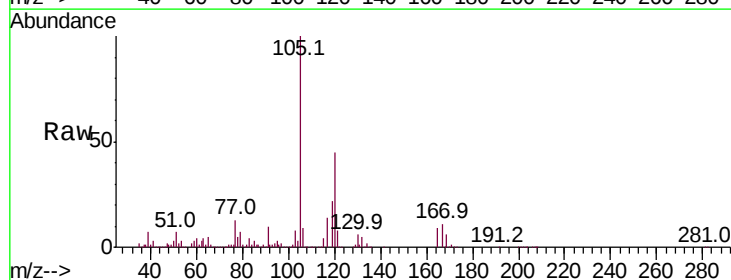
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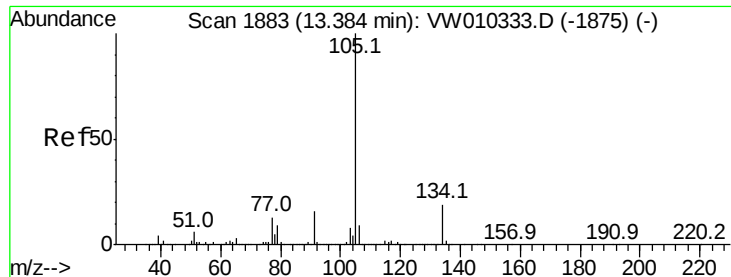
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.717 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW010332.D
 Acq: 09 May 2019 12:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.6	67.7





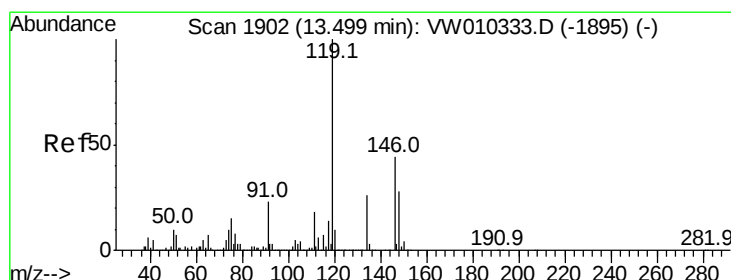
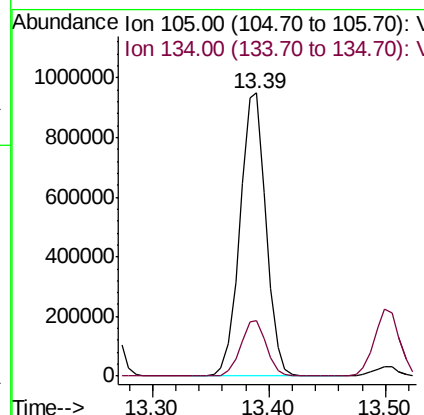
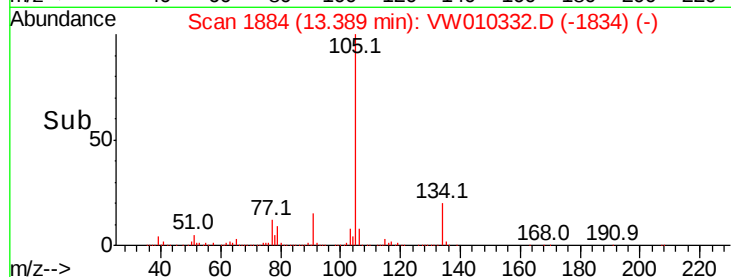
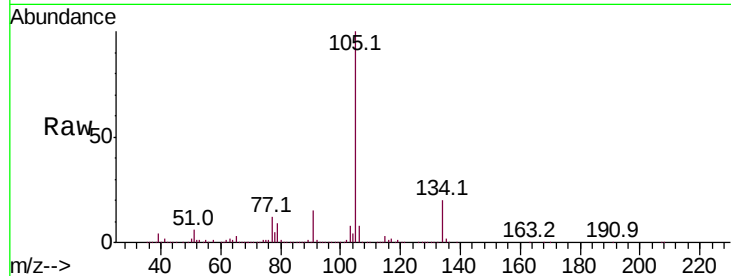
#85
 sec-Butylbenzene
 Concen: 20.471 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.01 min
 Lab File: VW010332.D
 Acq: 09 May 2019 12:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion:105 Resp: 1465474
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.5

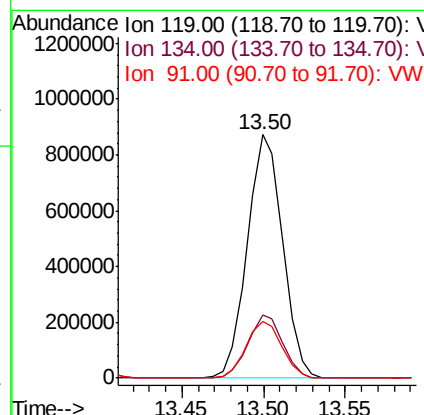
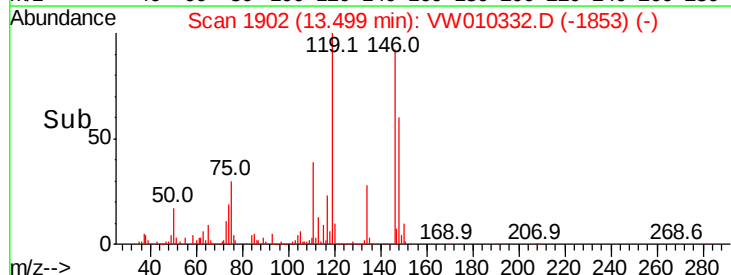
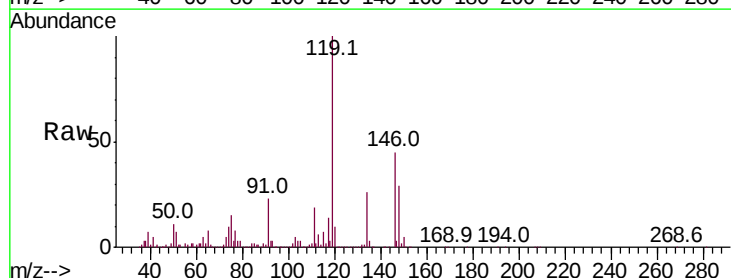
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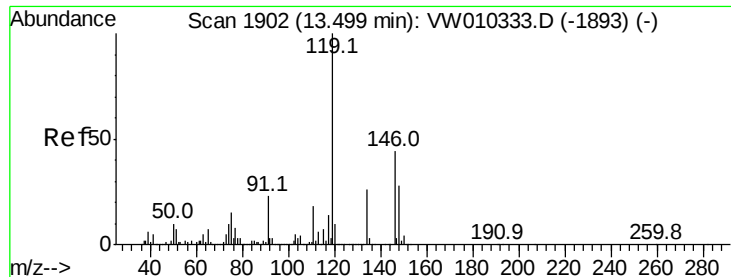
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#86
 p-Isopropyltoluene
 Concen: 20.843 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010332.D
 Acq: 09 May 2019 12:06

Tgt Ion:119 Resp: 1315144
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 38.9
 91 23.8 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 20.030 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW010332.D

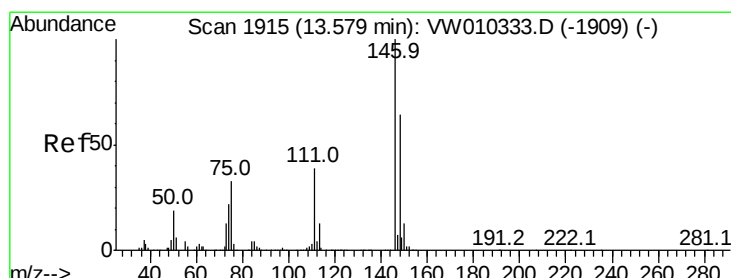
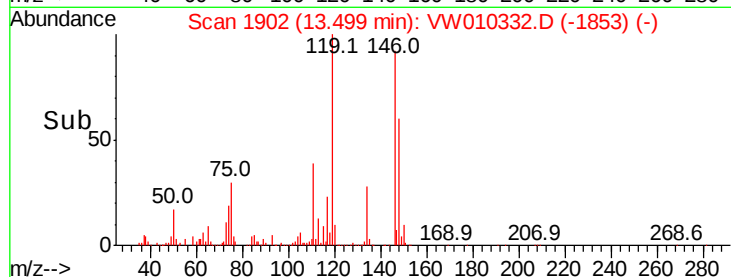
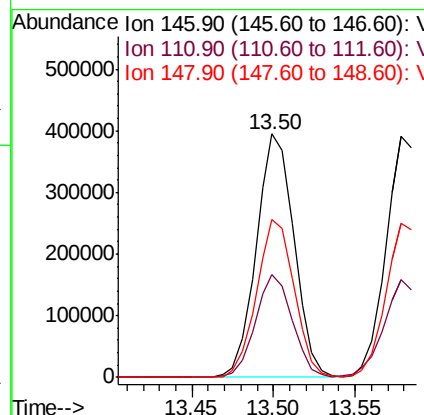
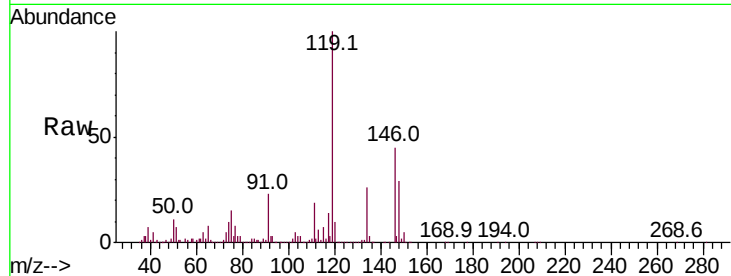
Acq: 09 May 2019 12:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.3	61.0
148	64.7	32.0	96.2

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#88

1,4-Dichlorobenzene

Concen: 19.961 ug/l

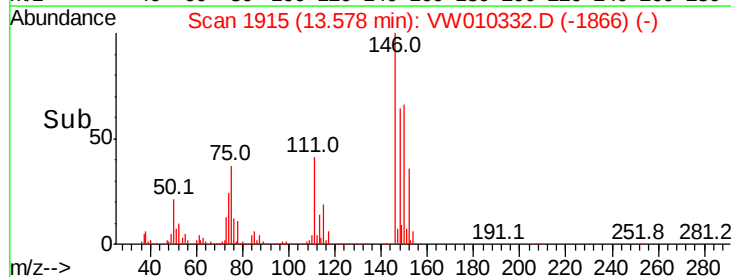
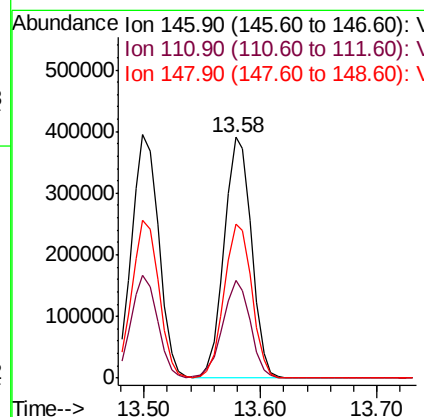
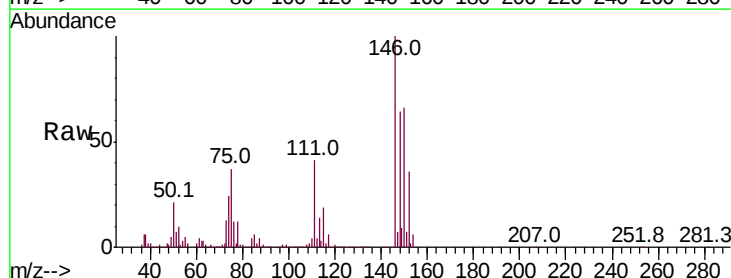
RT: 13.58 min Scan# 1915

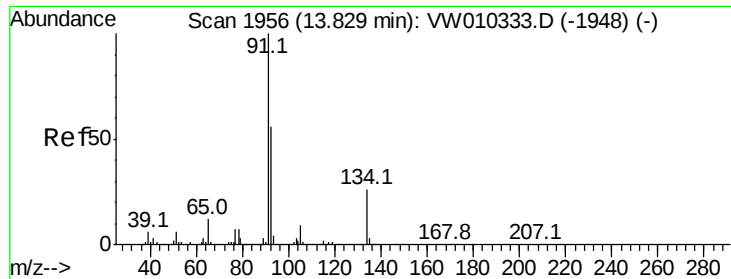
Delta R.T. -0.00 min

Lab File: VW010332.D

Acq: 09 May 2019 12:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.1	60.3
148	64.9	31.8	95.3





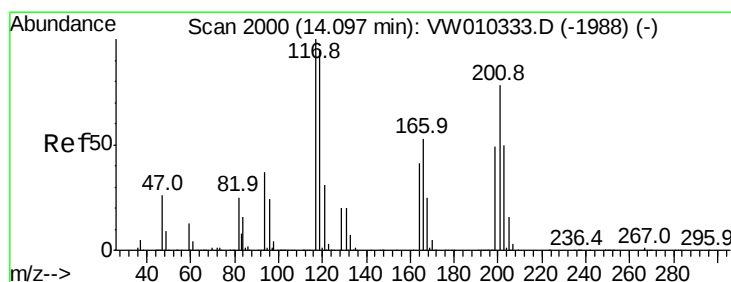
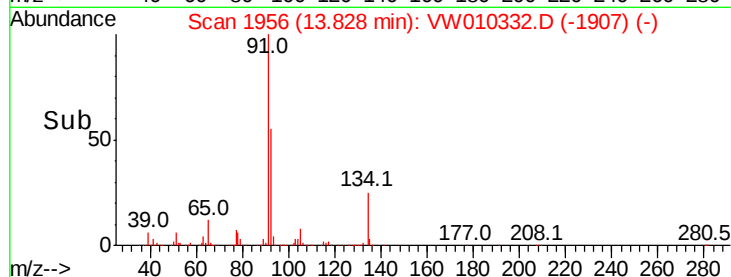
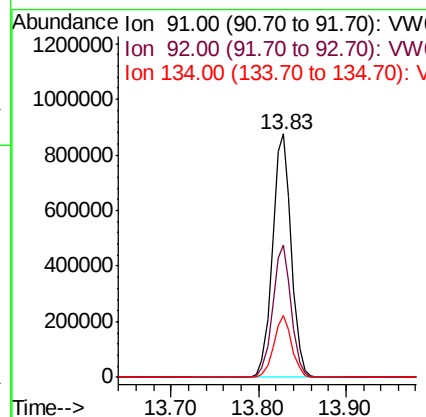
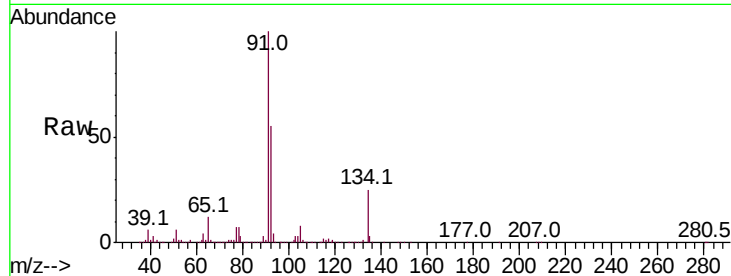
#89
n-Butylbenzene
Concen: 20.889 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW010332.D
Acq: 09 May 2019 12:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.5	79.4
134	24.4	12.4	37.0

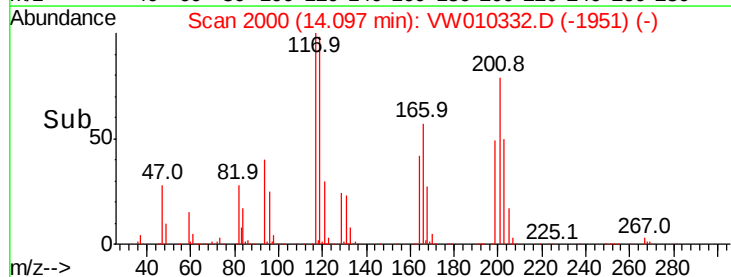
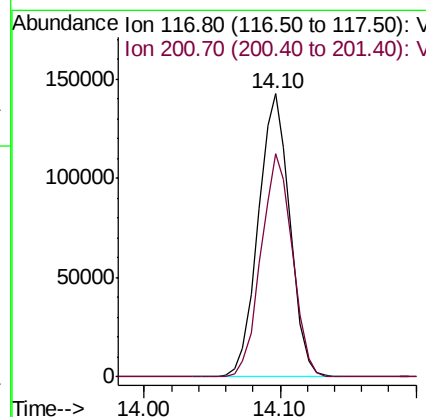
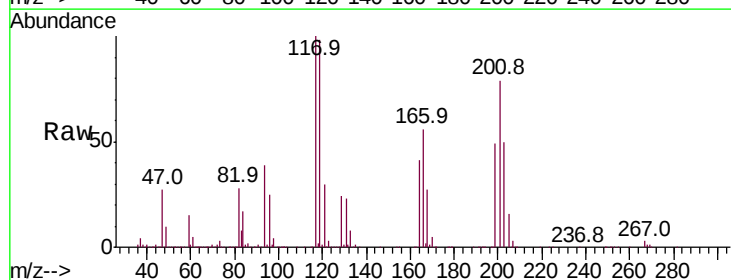
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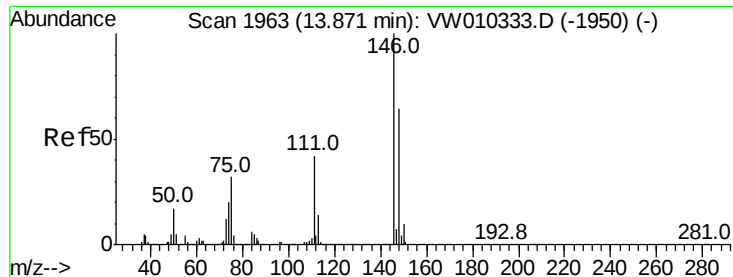
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#90
Hexachloroethane
Concen: 19.216 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW010332.D
Acq: 09 May 2019 12:06

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.6	36.1	108.3





#91

1,2-Dichlorobenzene

Concen: 20.171 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW010332.D

Acq: 09 May 2019 12:06

Instrument :

MSVOA_W

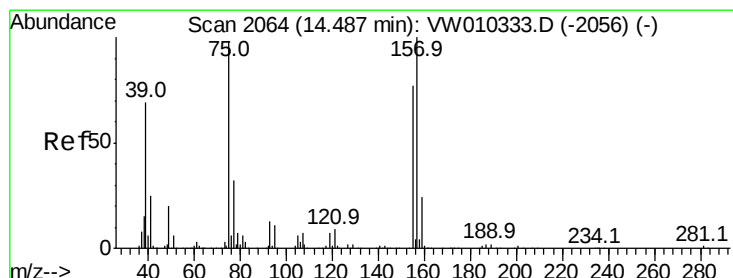
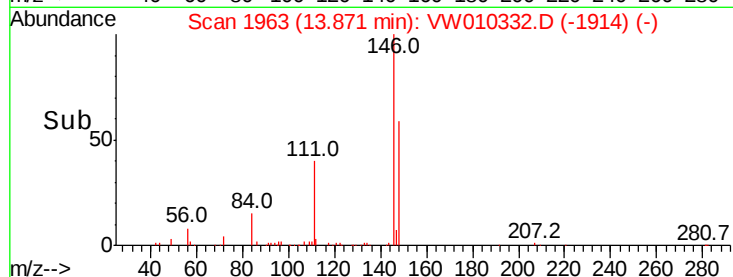
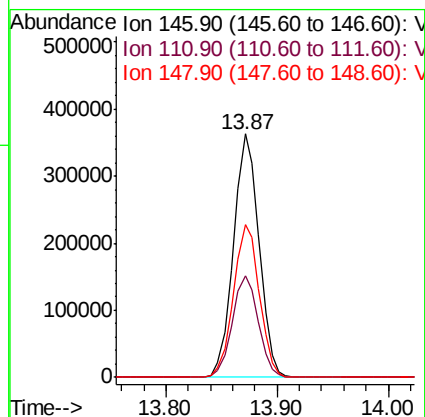
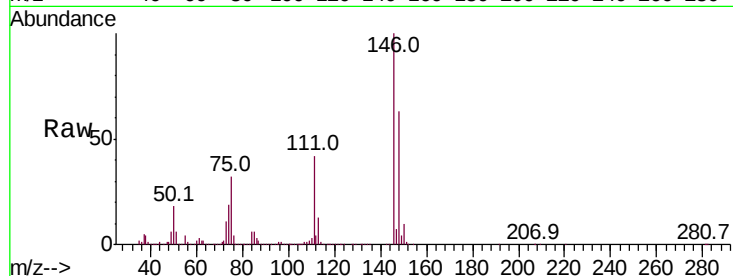
ClientSampleId :

VSTDIC020

Tot Ion:	146	Resp:	573684
Ion Ratio	Lower	Upper	
146	100		
111	42.4	20.9	62.8
148	63.8	31.9	95.7

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#92

1,2-Dibromo-3-Chloropropane

Concen: 23.799 ug/l

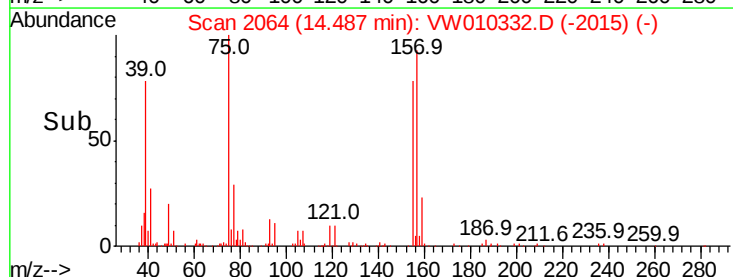
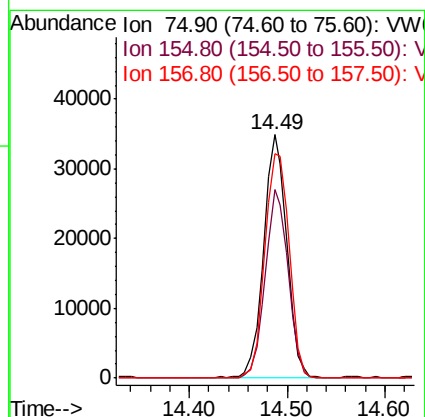
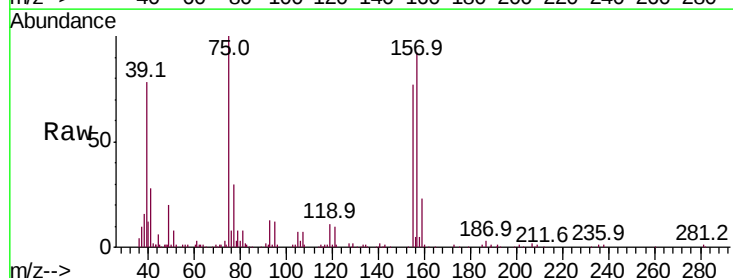
RT: 14.49 min Scan# 2064

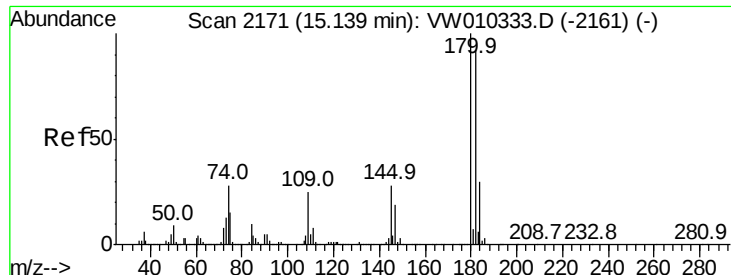
Delta R.T. -0.00 min

Lab File: VW010332.D

Acq: 09 May 2019 12:06

Tgt Ion:	75	Resp:	57409
Ion Ratio	Lower	Upper	
75	100		
155	76.3	37.1	111.5
157	96.7	47.3	141.9





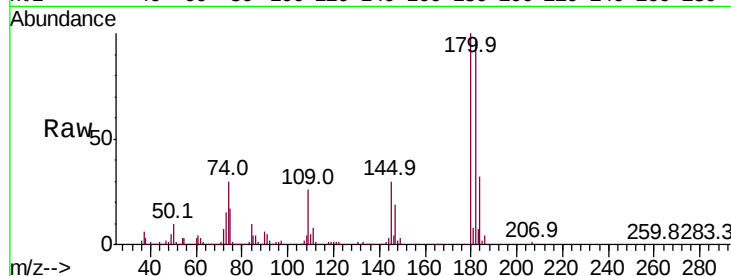
#93
 1,2,4-Trichlorobenzene
 Concen: 20.668 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010332.D
 Acq: 09 May 2019 12:06

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.9	47.1	141.4	
145	29.8	15.2	45.6	

Manual Integrations
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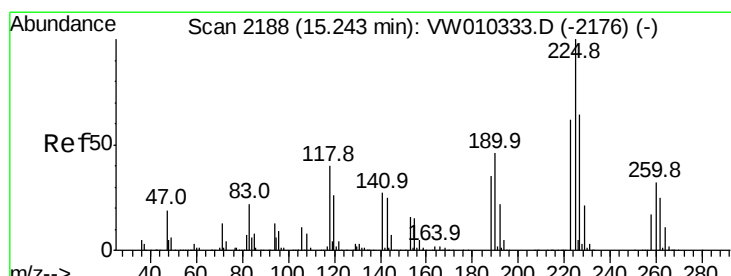
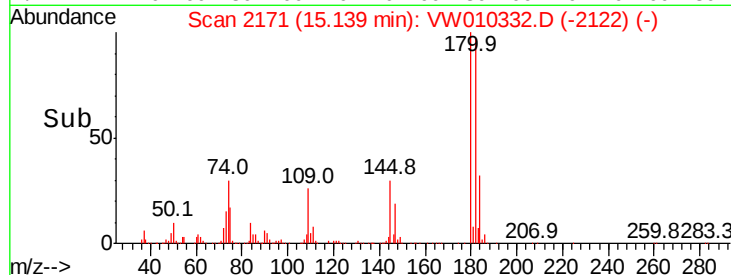
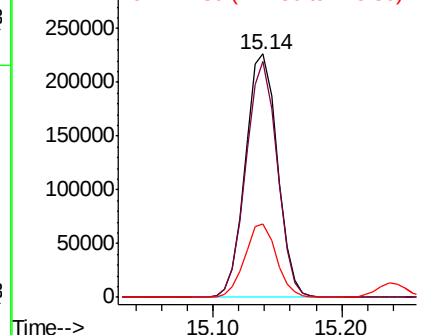


Abundance

Ion 179.80 (179.50 to 180.50): V

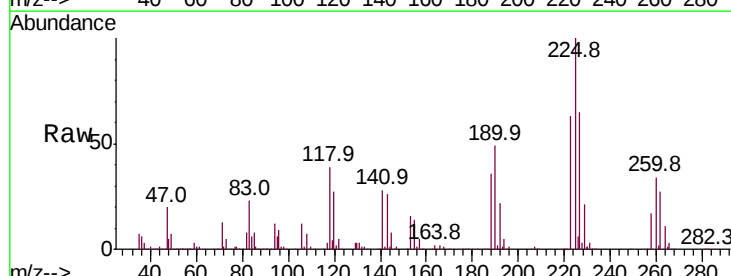
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 21.233 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW010332.D
 Acq: 09 May 2019 12:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.6	31.9	95.5	
227	64.5	31.8	95.3	

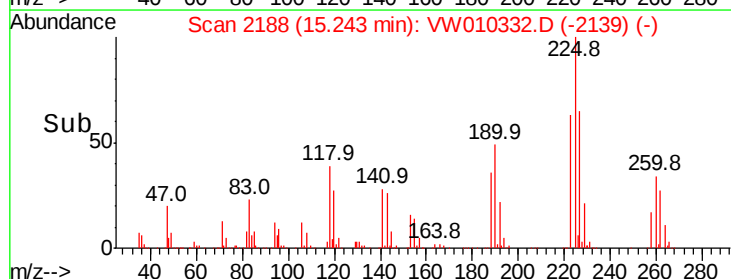
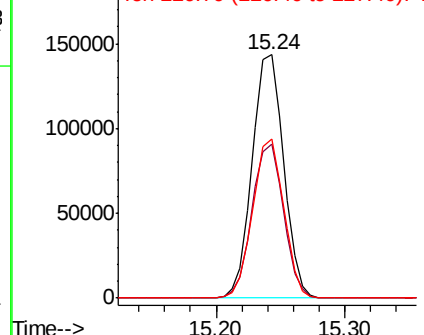


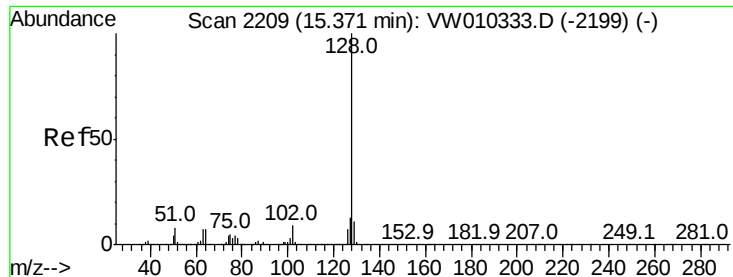
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





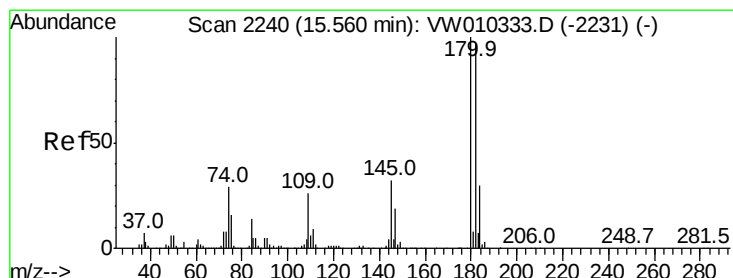
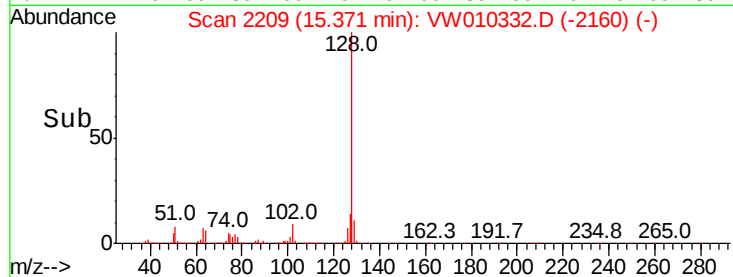
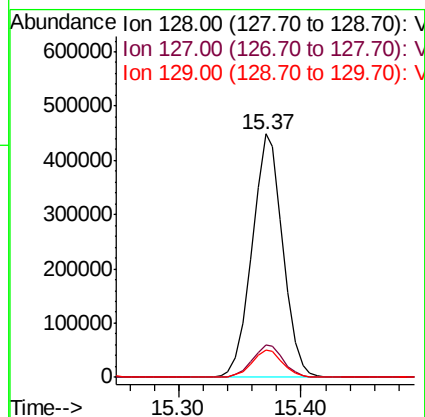
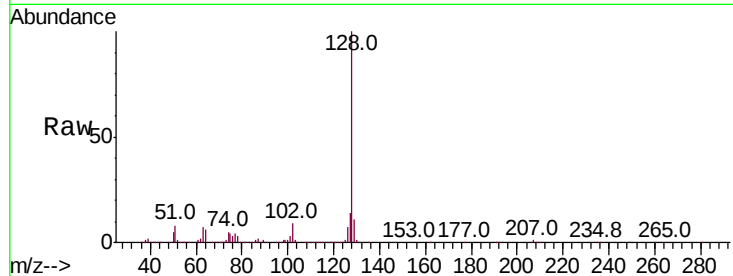
#95
Naphthalene
Concen: 23.208 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010332.D
Acq: 09 May 2019 12:06

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion:	128	Resp:	781782
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.6	15.8
129	11.1	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 22.192 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW010332.D
Acq: 09 May 2019 12:06

Tgt Ion:	180	Resp:	361255
Ion Ratio	Lower	Upper	
180	100		
182	94.4	47.8	143.3
145	31.6	16.4	49.2

