

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072719\
 Data File : VW011517.D
 Acq On : 26 Jul 2019 15:49
 Operator : SY/VA
 Sample : VW0727SBS01
 Misc : 5.00G/5.0ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0727SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/29/2019 9:18:54 AM

Quant Time: Jul 27 05:46:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	266115	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	433544	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	379418	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	183537	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	155256	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
35) Dibromofluoromethane	7.88	113	122779	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
50) Toluene-d8	10.32	98	515102	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
62) 4-Bromofluorobenzene	12.62	95	182642	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	34732	23.419	ug/l	99
3) Chloromethane	2.21	50	54136	21.051	ug/l	97
4) Vinyl Chloride	2.35	62	66022	21.324	ug/l	98
5) Bromomethane	2.75	94	30847	17.999	ug/l	98
6) Chloroethane	2.89	64	29648	16.764	ug/l	99
7) Trichlorofluoromethane	3.23	101	27333	19.753	ug/l	94
8) Diethyl Ether	3.68	74	31341	19.977	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.05	101	52847	20.133	ug/l	99
10) Methyl Iodide	4.26	142	70655	19.047	ug/l	100
11) Tert butyl alcohol	5.19	59	15113	52.962	ug/l #	90
12) 1,1-Dichloroethene	4.03	96	55562	20.048	ug/l	99
13) Acrolein	3.89	56	21821	99.522	ug/l	100
14) Allyl chloride	4.65	41	118635	20.126	ug/l	99
15) Acrylonitrile	5.36	53	77966	99.552	ug/l	100
16) Acetone	4.12	43	78192	80.442	ug/l	97
17) Carbon Disulfide	4.37	76	162324	18.713	ug/l	100
18) Methyl Acetate	4.67	43	44892	20.558	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	92450	21.021	ug/l	94
20) Methylene Chloride	4.90	84	65374	19.501	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	61030	20.425	ug/l	98
22) Diisopropyl ether	6.31	45	229985	20.694	ug/l	99
23) Vinyl Acetate	6.24	43	698684	100.051	ug/l	99
24) 1,1-Dichloroethane	6.21	63	121252	20.371	ug/l	99
25) 2-Butanone	7.16	43	116645	91.708	ug/l	100
26) 2,2-Dichloropropane	7.16	77	68140	18.615	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	65979	20.063	ug/l	97
28) Bromochloromethane	7.51	49	55880	21.151	ug/l	99
29) Tetrahydrofuran	7.53	42	71231	97.974	ug/l	98
30) Chloroform	7.67	83	109517	19.944	ug/l	99
31) Cyclohexane	7.95	56	118122	20.674	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	83850	20.051	ug/l	99
36) 1,1-Dichloropropene	8.08	75	93167	20.667	ug/l	99
37) Ethyl Acetate	7.24	43	51635	19.909	ug/l	98
38) Carbon Tetrachloride	8.07	117	76749	19.887	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	104967	21.146	ug/l	98
40) Benzene	8.32	78	256731	20.331	ug/l	99
41) Methacrylonitrile	7.48	41	31256	20.160	ug/l	96
42) 1,2-Dichloroethane	8.40	62	79846	20.197	ug/l	99
43) Isopropyl Acetate	8.42	43	93700	19.644	ug/l	100
44) Trichloroethene	9.09	130	62441	20.574	ug/l	95
45) 1,2-Dichloropropane	9.37	63	68187	20.182	ug/l	100
46) Dibromomethane	9.46	93	30630	19.863	ug/l	99
47) Bromodichloromethane	9.64	83	78292	19.355	ug/l	97
48) Methyl methacrylate	9.43	41	45327	19.783	ug/l	99
49) 1,4-Dioxane	9.46	88	7400	331.417	ug/l #	74
51) 4-Methyl-2-Pentanone	10.21	43	246541	99.370	ug/l	100
52) Toluene	10.38	92	156834	20.567	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	82041	19.416	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	99849	19.874	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	43581	19.918	ug/l	98
56) Ethyl methacrylate	10.65	69	62637	19.564	ug/l	99
57) 1,3-Dichloropropane	10.93	76	84173	20.334	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	167809	115.435	ug/l	100
59) 2-Hexanone	10.97	43	168445	96.157	ug/l	100
60) Dibromochloromethane	11.13	129	46877	19.301	ug/l	99
61) 1,2-Dibromoethane	11.23	107	41816	20.195	ug/l	99
64) Tetrachloroethene	10.86	164	52835	21.387	ug/l	97
65) Chlorobenzene	11.66	112	154717	20.283	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	53005	19.949	ug/l	99
67) Ethyl Benzene	11.73	91	299706	20.630	ug/l	96
68) m/p-Xylenes	11.84	106	222015	42.021	ug/l	98
69) o-Xylene	12.16	106	101399	20.653	ug/l	99
70) Styrene	12.18	104	176099	20.745	ug/l	99
71) Bromoform	12.35	173	26238	19.368	ug/l #	99
73) Isopropylbenzene	12.46	105	286067	20.893	ug/l	100
74) N-amyl acetate	12.27	43	84098	19.618	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	52722	20.470	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	36951m	19.027	ug/l	
77) Bromobenzene	12.75	156	62287	20.581	ug/l	100
78) n-propylbenzene	12.80	91	351716	21.107	ug/l	100
79) 2-Chlorotoluene	12.89	91	200499	20.885	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	243020	21.173	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	15999	18.986	ug/l	95
82) 4-Chlorotoluene	12.99	91	210582	20.907	ug/l	99
83) tert-Butylbenzene	13.21	119	203946	21.249	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	241060	20.849	ug/l	100
85) sec-Butylbenzene	13.38	105	293068	21.399	ug/l	100
86) p-Isopropyltoluene	13.50	119	261691	21.060	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	121465	20.469	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	122131	20.689	ug/l	99
89) n-Butylbenzene	13.82	91	263271	21.231	ug/l	100
90) Hexachloroethane	14.10	117	44818	20.397	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	109064	20.780	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8739	19.898	ug/l	95

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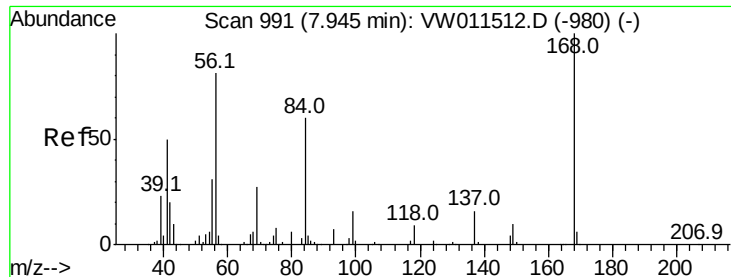
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	77001	20.817	ug/l	100
94) Hexachlorobutadiene	15.24	225	48685	21.106	ug/l	99
95) Naphthalene	15.37	128	133084	19.674	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	65051	20.063	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Instrument :

MSVOA_W

ClientSampleId :

VW0727SBS01

Tot Ion:168 Resp: 266115

Ion Ratio Lower Upper

168 100

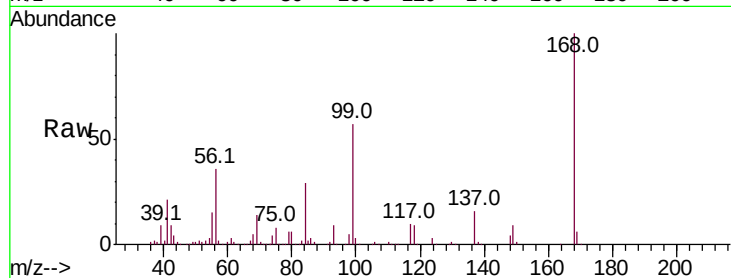
99 56.5 48.2 72.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

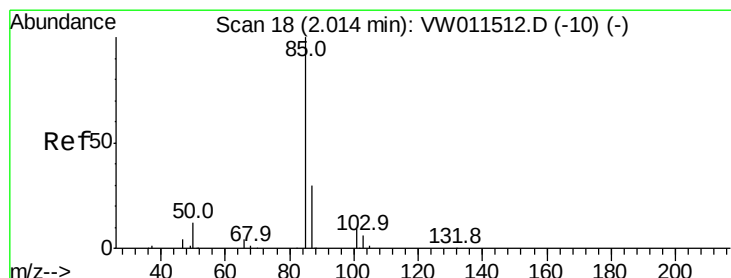
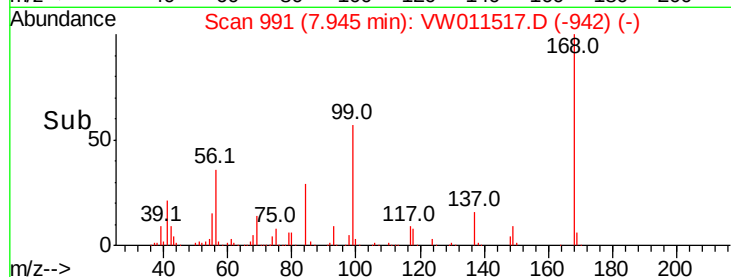
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 23.419 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW011517.D

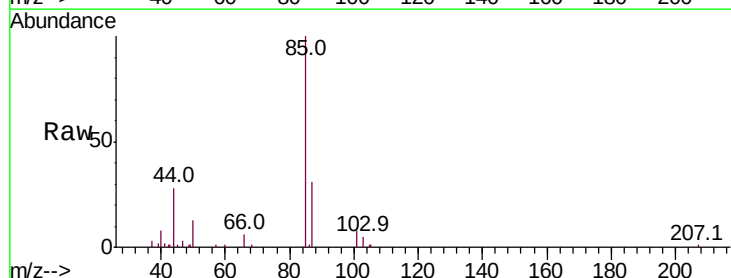
Acq: 26 Jul 2019 15:49

Tgt Ion: 85 Resp: 34732

Ion Ratio Lower Upper

85 100

87 30.7 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

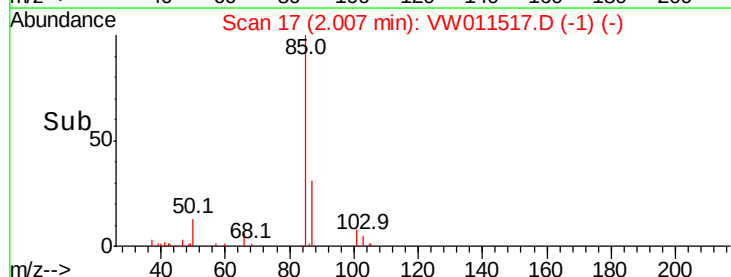
2.01

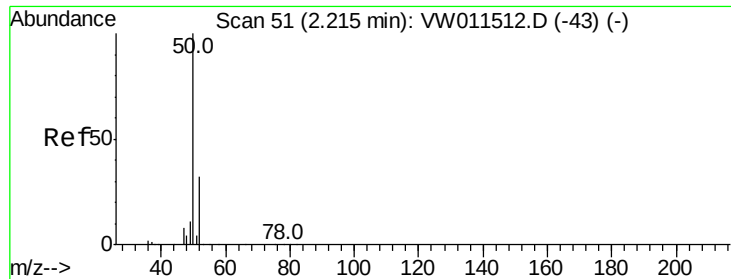
10000

5000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 21.051 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Instrument :

MSVOA_W

ClientSampleId :

VW0727SBS01

Tot Ion: 50 Resp: 54136

Ion Ratio Lower Upper

50 100

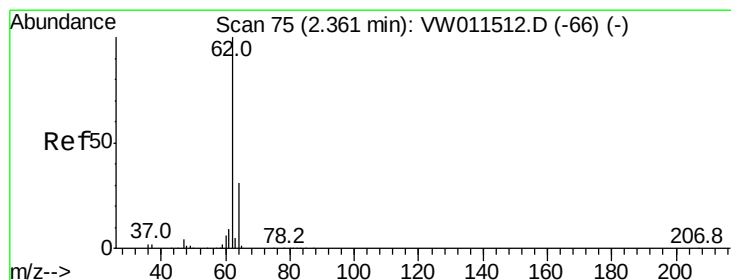
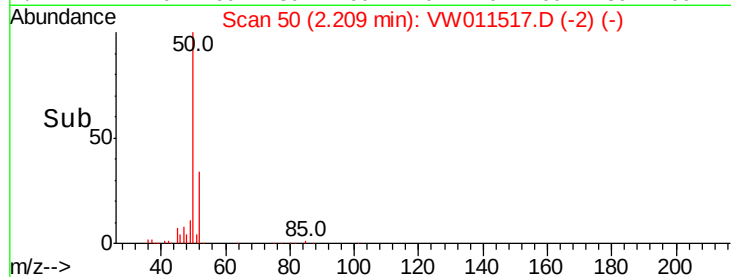
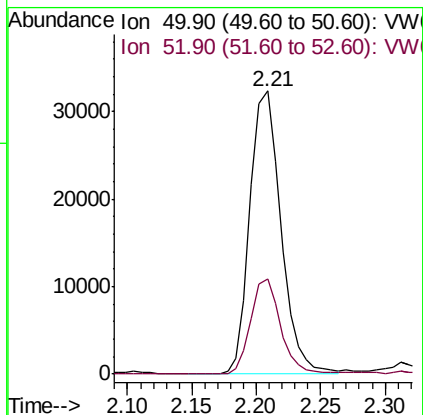
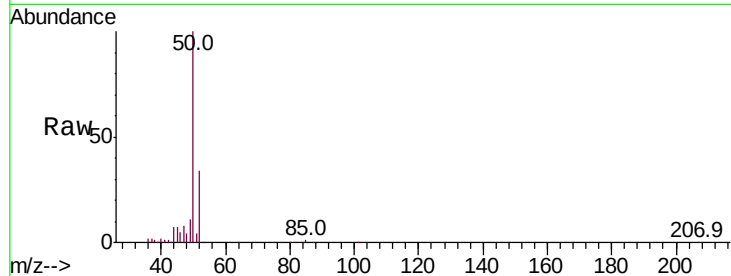
52 33.6 25.4 38.2

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#4

Vinyl Chloride

Concen: 21.324 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW011517.D

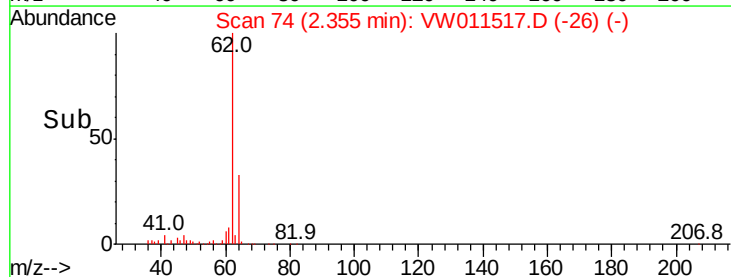
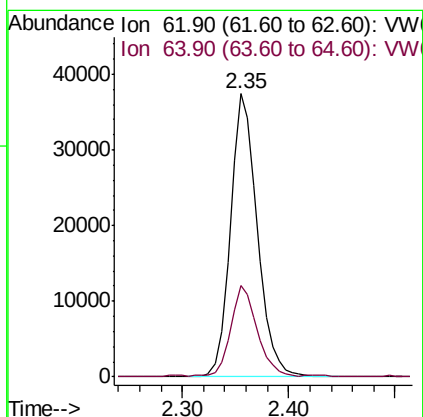
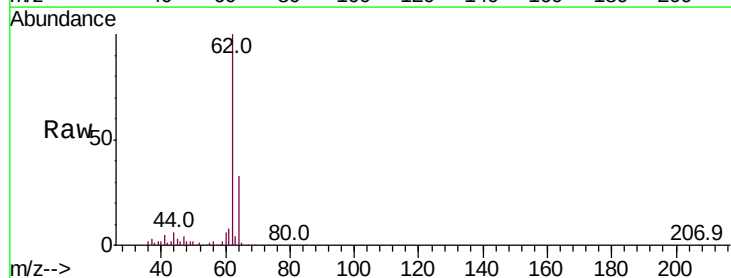
Acq: 26 Jul 2019 15:49

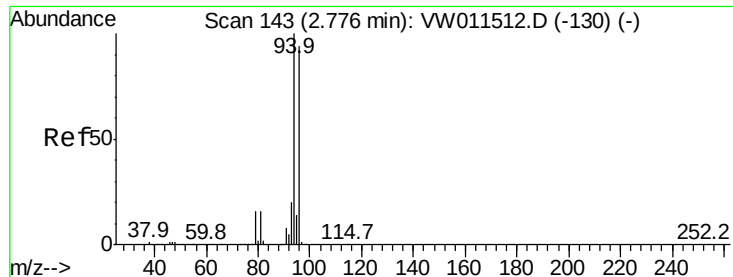
Tgt Ion: 62 Resp: 66022

Ion Ratio Lower Upper

62 100

64 32.3 25.0 37.4





#5

Bromomethane

Concen: 17.999 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.02 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Instrument :

MSVOA_W

ClientSampleId :

VW0727SBS01

Tot Ion: 94 Resp: 30847

Ion Ratio Lower Upper

94 100

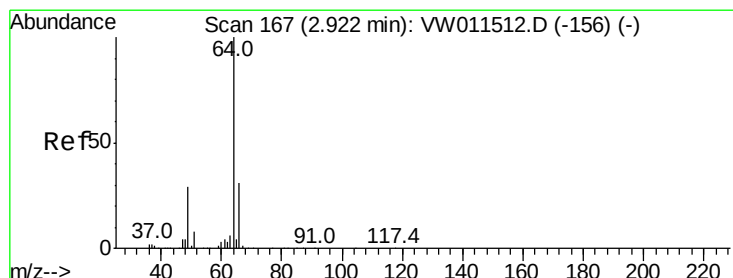
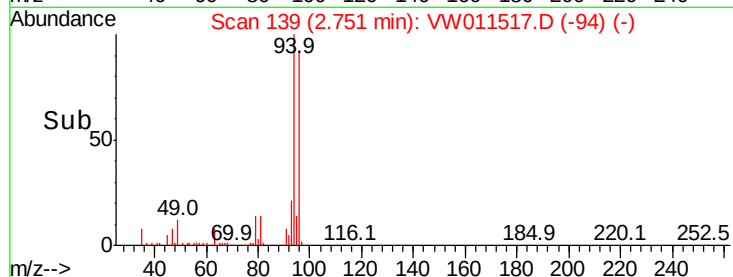
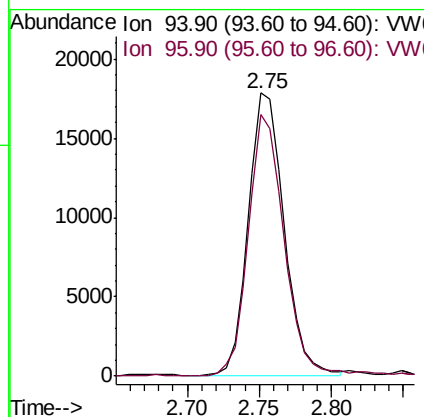
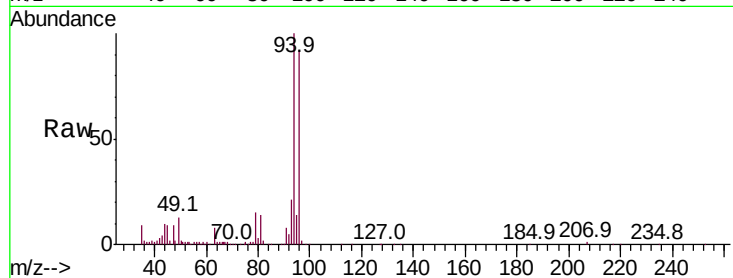
96 92.0 75.0 112.6

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7/29/2019 9:18:54 AM



#6

Chloroethane

Concen: 16.764 ug/l

RT: 2.89 min Scan# 161

Delta R.T. -0.04 min

Lab File: VW011517.D

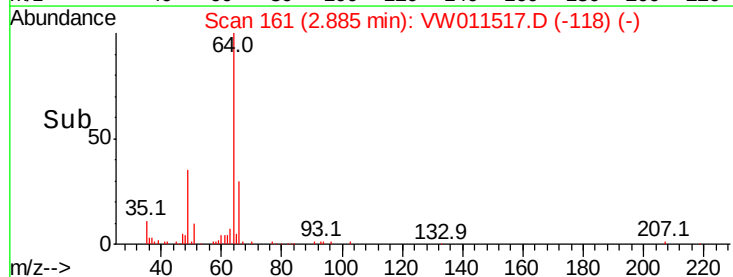
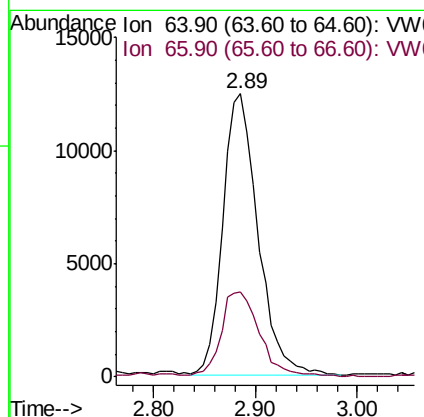
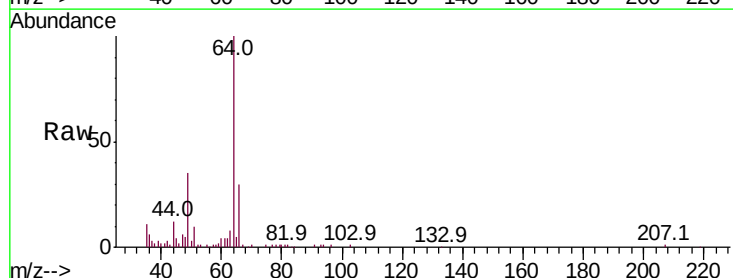
Acq: 26 Jul 2019 15:49

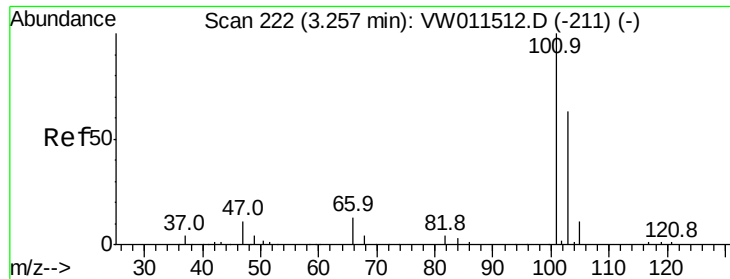
Tgt Ion: 64 Resp: 29648

Ion Ratio Lower Upper

64 100

66 30.1 24.6 36.8





#7

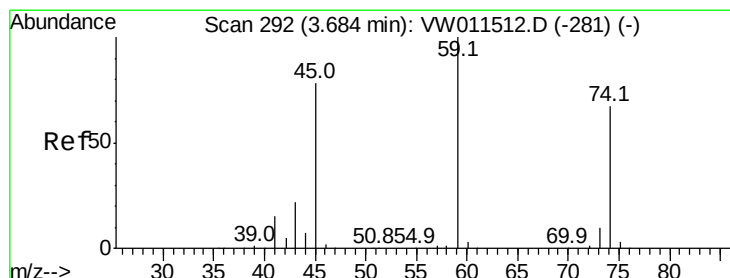
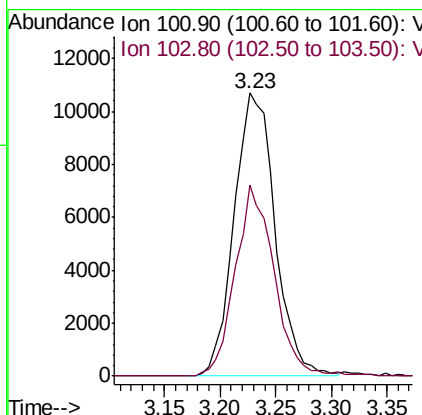
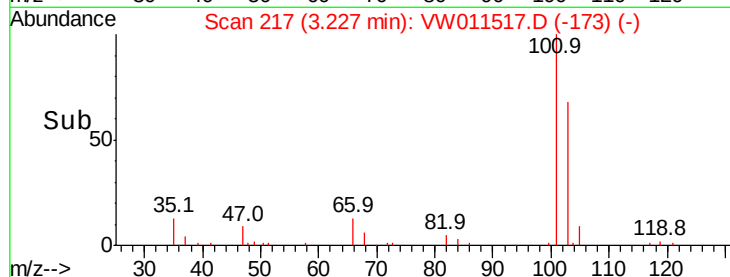
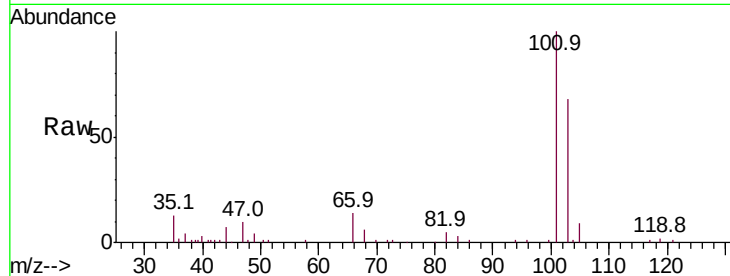
Trichlorofluoromethane
Concen: 19.753 ug/l
RT: 3.23 min Scan# 217
Delta R.T. -0.03 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Instrument :
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ClientSampleId :
VW0727SBS01

Tot Ion:101 Resp: 27333
Ion Ratio Lower Upper
101 100
103 67.6 50.2 75.4

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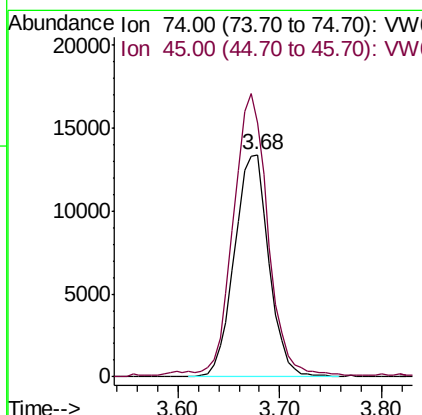
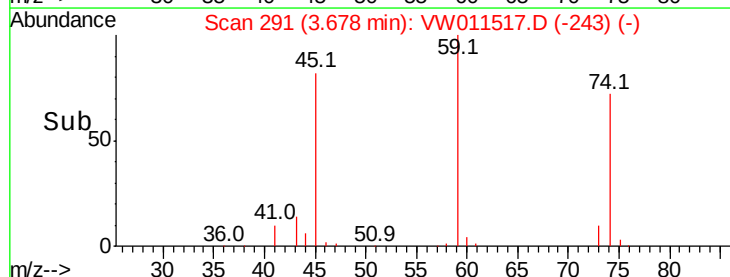
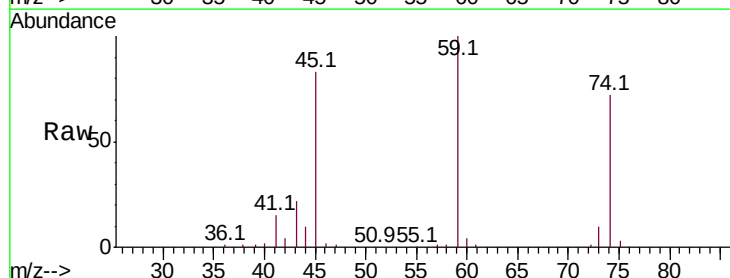
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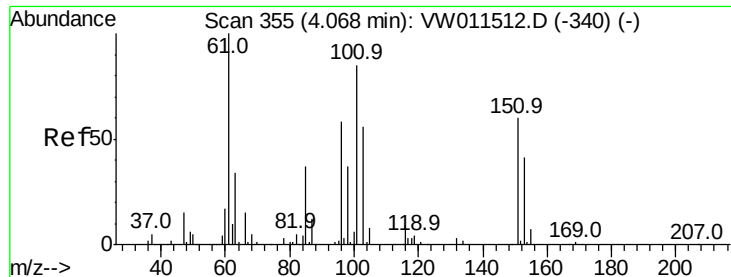


#8

Diethyl Ether
Concen: 19.977 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Tgt Ion: 74 Resp: 31341
Ion Ratio Lower Upper
74 100
45 126.2 59.6 178.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.133 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.02 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Instrument :

MSVOA_W

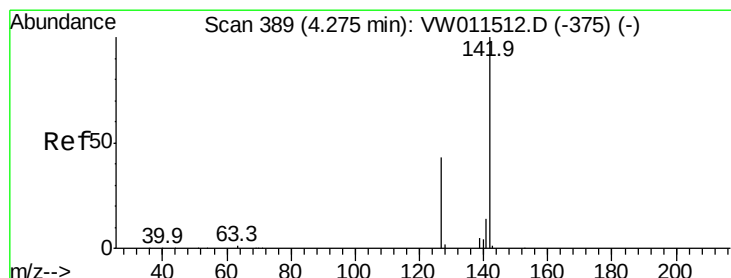
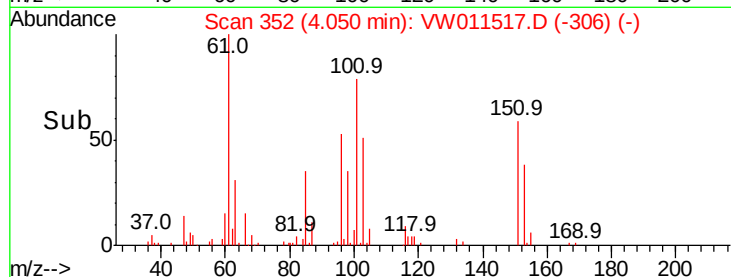
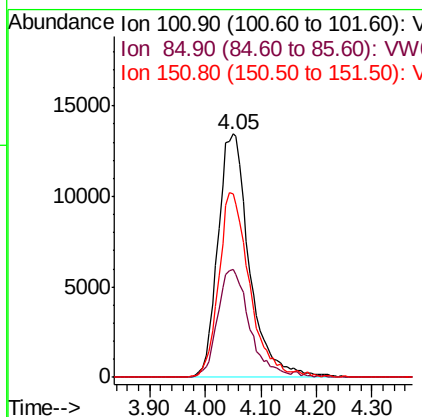
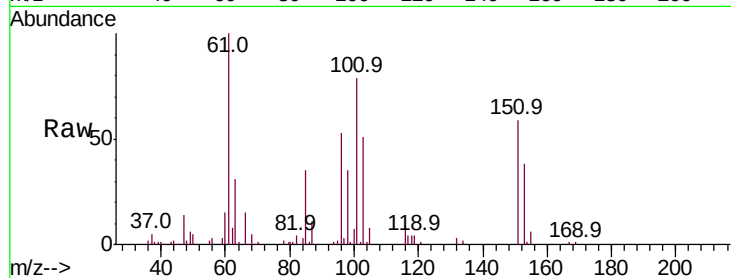
ClientSampleId :

VW0727SBS01

Tot Ion:	101	Resp:	52847
Ion Ratio	Lower	Upper	
101	100		
85	44.7	36.6	54.8
151	74.6	60.2	90.2

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7/29/2019 9:18:54 AM



#10

Methyl Iodide

Concen: 19.047 ug/l

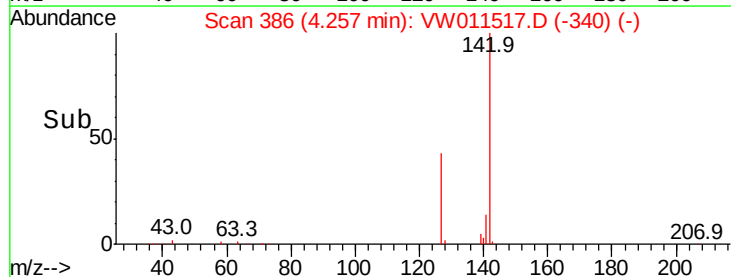
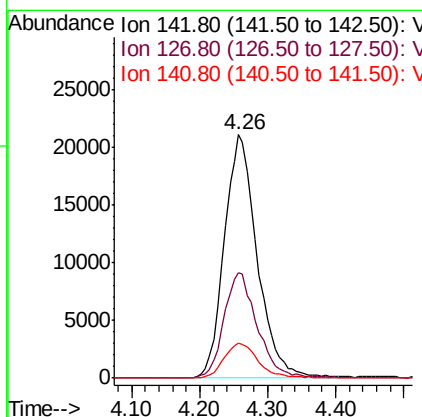
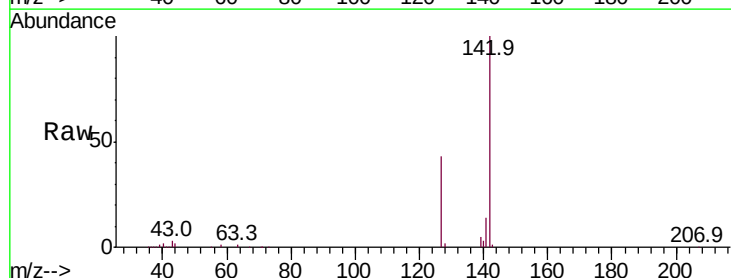
RT: 4.26 min Scan# 386

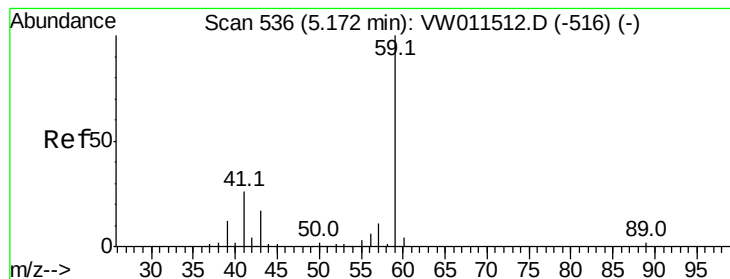
Delta R.T. -0.02 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Tgt Ion:	142	Resp:	70655
Ion Ratio	Lower	Upper	
142	100		
127	43.8	35.0	52.6
141	14.8	11.9	17.9





#11

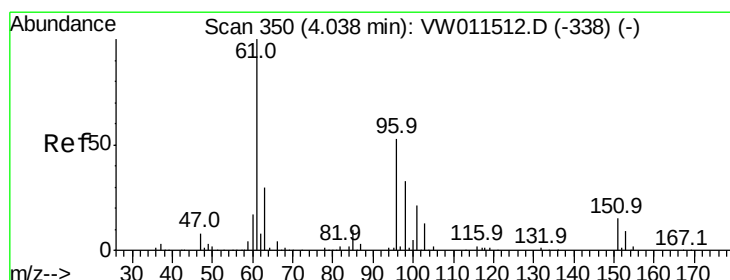
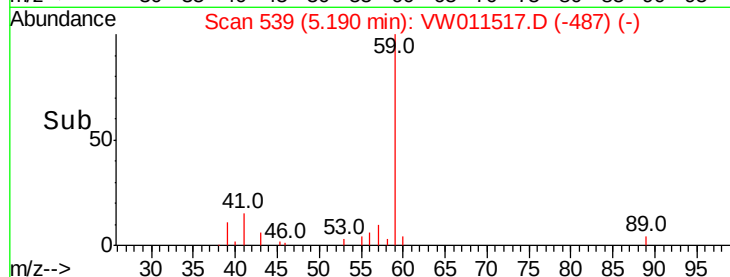
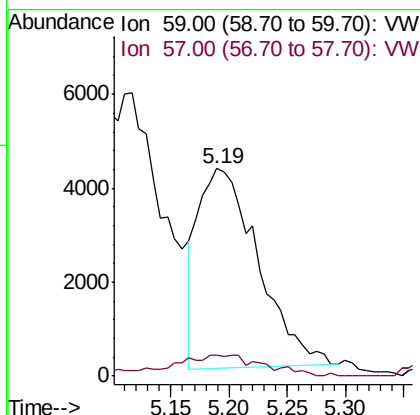
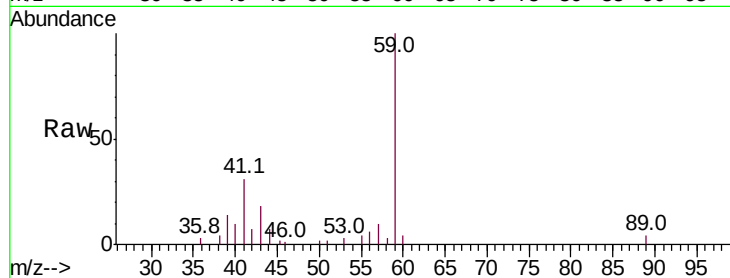
Tert butyl alcohol
 Concen: 52.962 ug/l
 RT: 5.19 min Scan# 539
 Delta R.T. 0.02 min
 Lab File: VW011517.D
 Acq: 26 Jul 2019 15:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0727SBS01

Tot Ion	59	Resp	15113
Ion Ratio	100	Lower	Upper
57	14.3	8.5	12.7#

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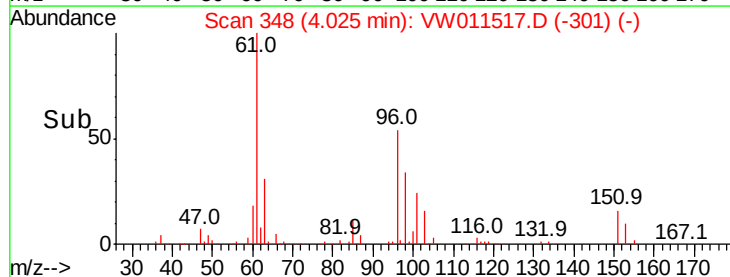
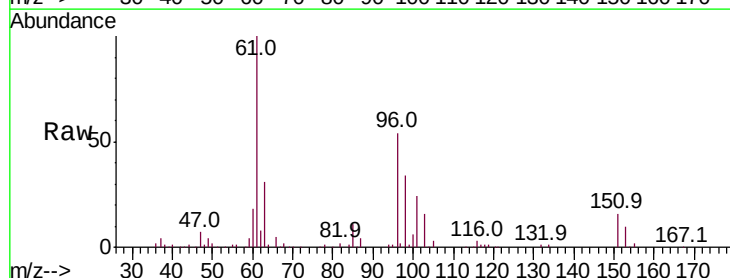
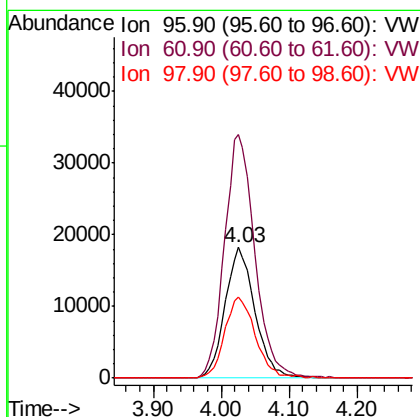
MMDadoda
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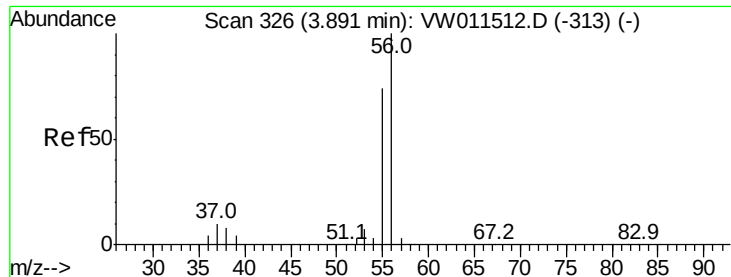


#12

1,1-Dichloroethene
 Concen: 20.048 ug/l
 RT: 4.03 min Scan# 348
 Delta R.T. -0.01 min
 Lab File: VW011517.D
 Acq: 26 Jul 2019 15:49

Tgt Ion	96	Resp	55562
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
61	186.4	149.9	224.9
98	62.6	49.1	73.7





#13

Acrolein

Concen: 99.522 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Instrument :

MSVOA_W

ClientSampleId :

VW0727SBS01

Tot Ion: 56 Resp: 21821

Ion Ratio Lower Upper

56 100

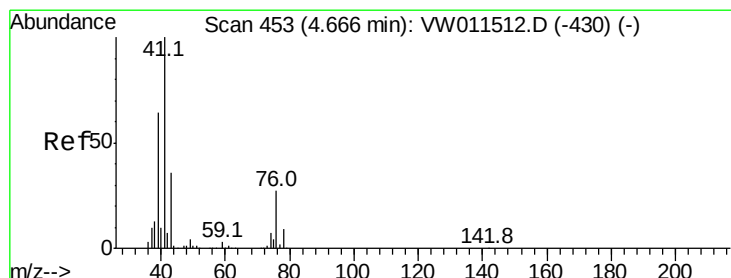
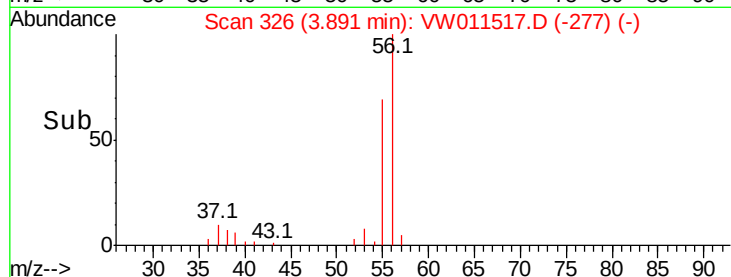
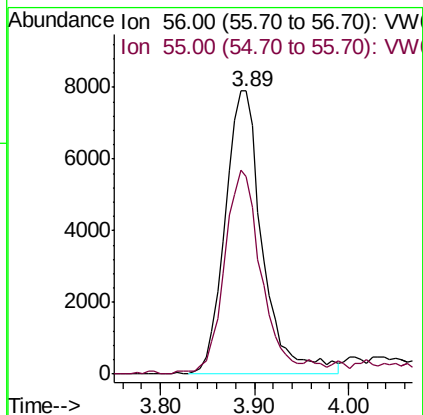
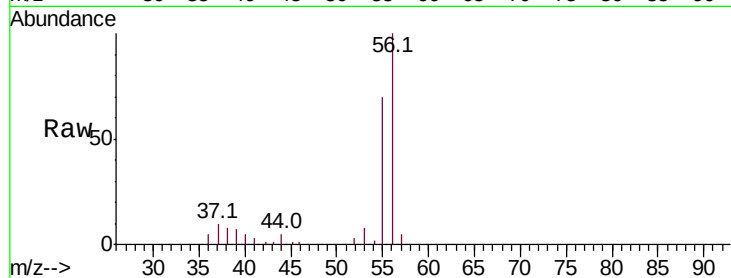
55 70.0 56.0 84.0

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#14

Allyl chloride

Concen: 20.126 ug/l

RT: 4.65 min Scan# 451

Delta R.T. -0.01 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

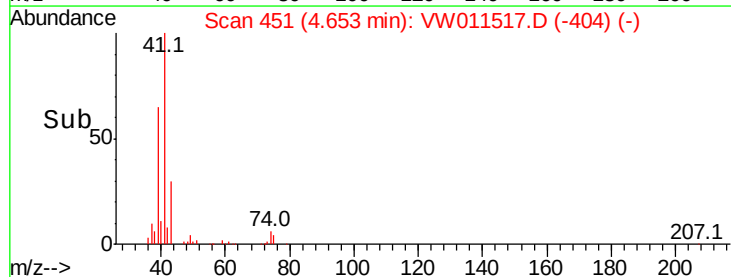
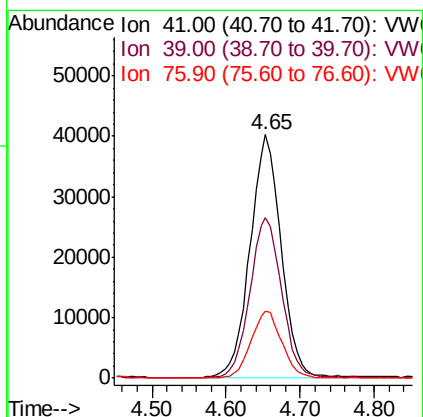
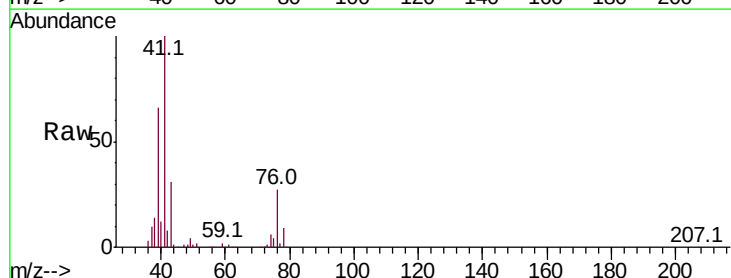
Tgt Ion: 41 Resp: 118635

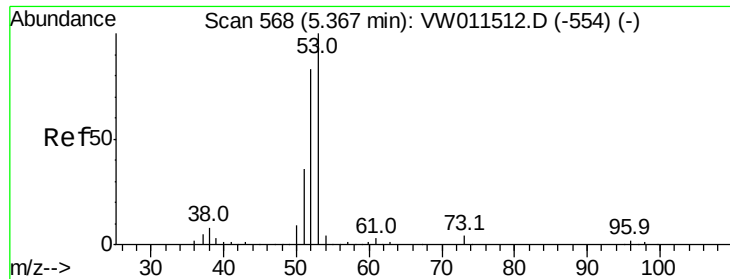
Ion Ratio Lower Upper

41 100

39 66.3 52.6 78.8

76 27.1 22.0 33.0





#15

Acrylonitrile

Concen: 99.552 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Instrument :

MSVOA_W

ClientSampleId :

VW0727SBS01

Tot Ion: 53 Resp: 77966

Ion Ratio Lower Upper

53 100

52 84.0 67.2 100.8

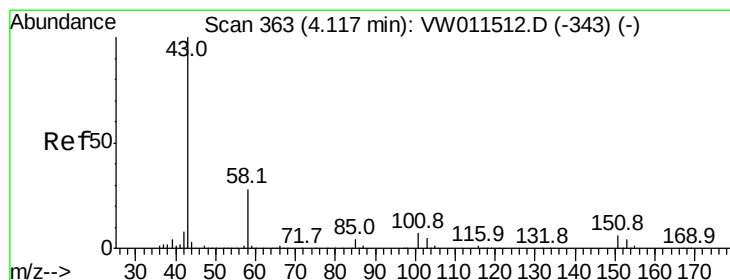
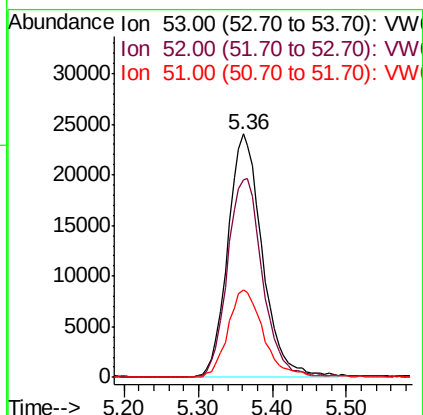
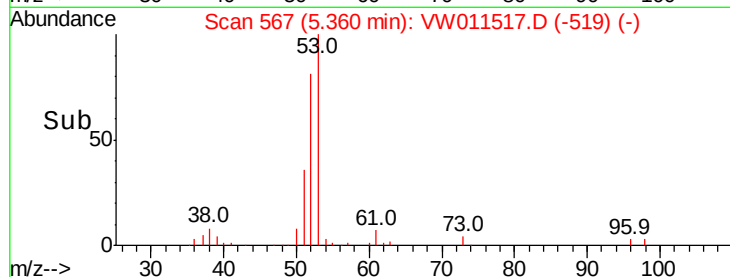
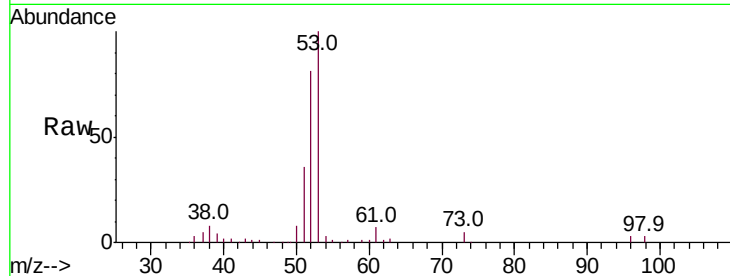
51 37.2 30.0 45.0

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#16

Acetone

Concen: 80.442 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011517.D

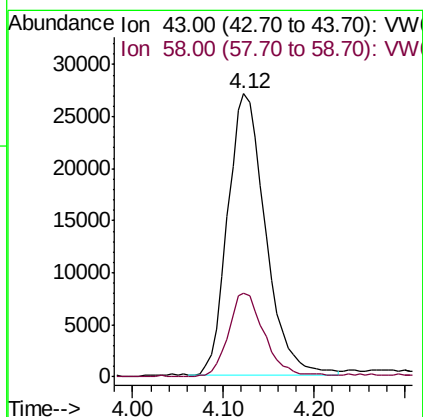
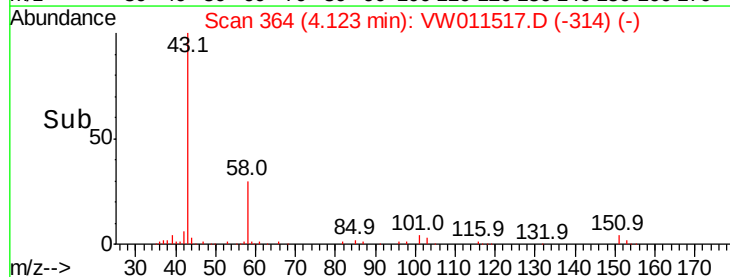
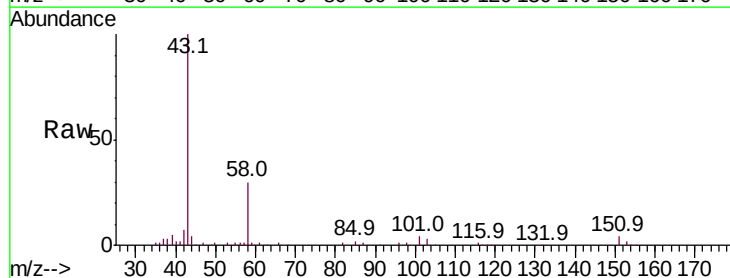
Acq: 26 Jul 2019 15:49

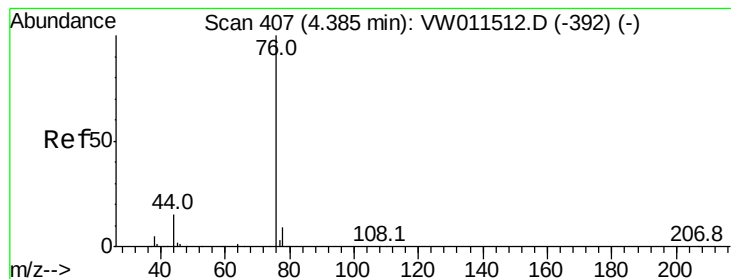
Tgt Ion: 43 Resp: 78192

Ion Ratio Lower Upper

43 100

58 29.3 22.3 33.5





#17

Carbon Disulfide

Concen: 18.713 ug/l

RT: 4.37 min Scan# 404

Delta R.T. -0.02 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Instrument :

MSVOA_W

ClientSampleId :

VW0727SBS01

Tot Ion: 76 Resp: 162324

Ion Ratio Lower Upper

76 100

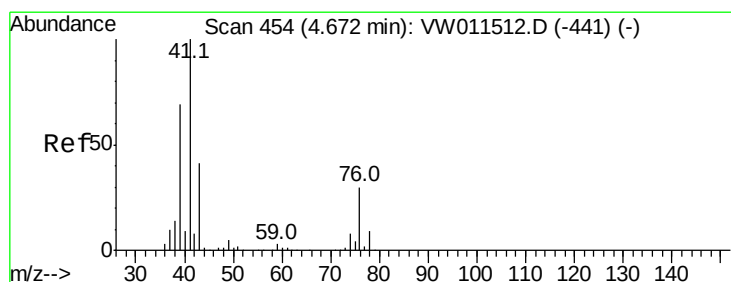
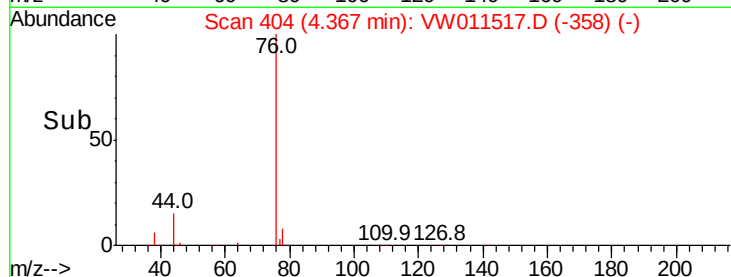
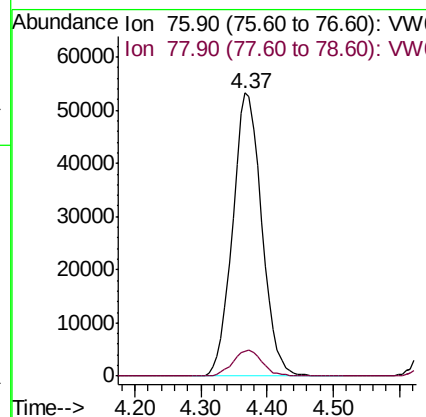
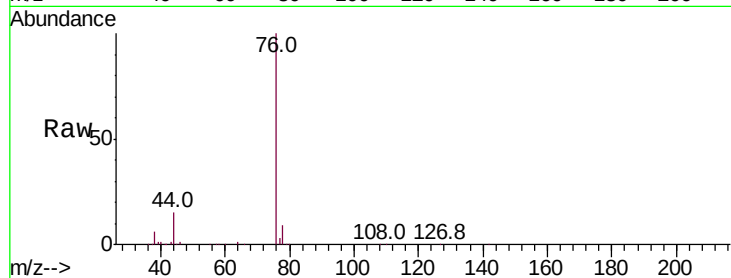
78 8.9 7.1 10.7

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#18

Methyl Acetate

Concen: 20.558 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW011517.D

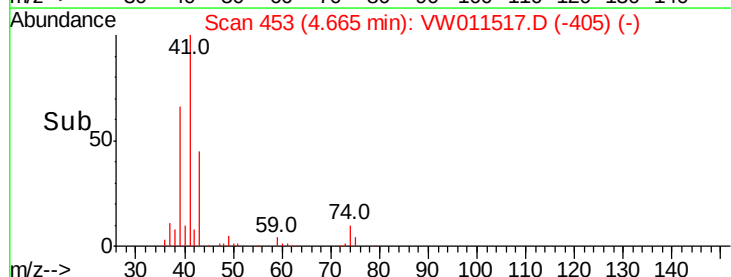
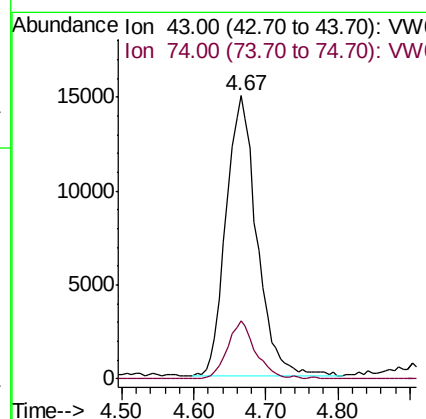
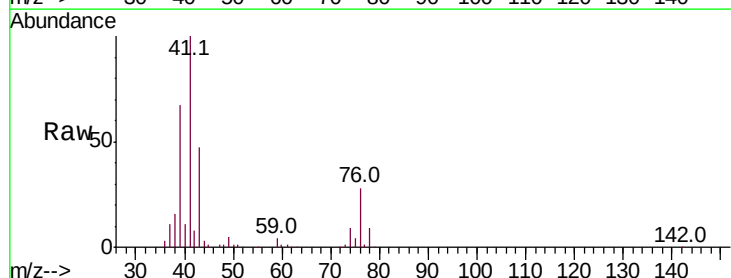
Acq: 26 Jul 2019 15:49

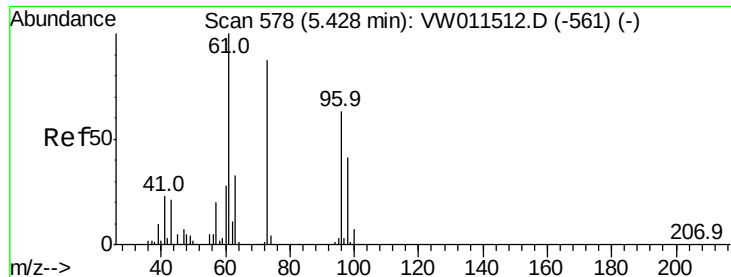
Tgt Ion: 43 Resp: 44892

Ion Ratio Lower Upper

43 100

74 18.8 15.9 23.9





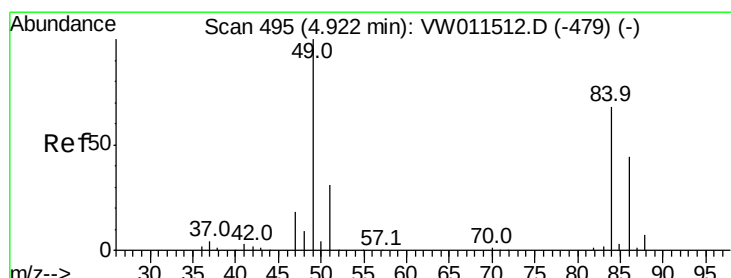
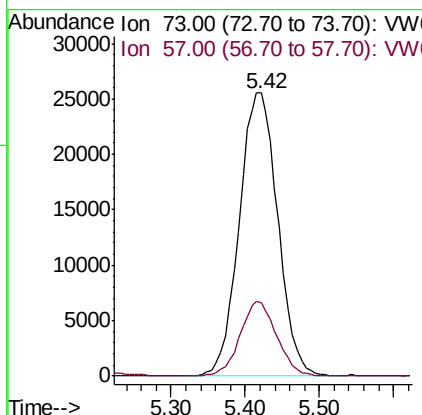
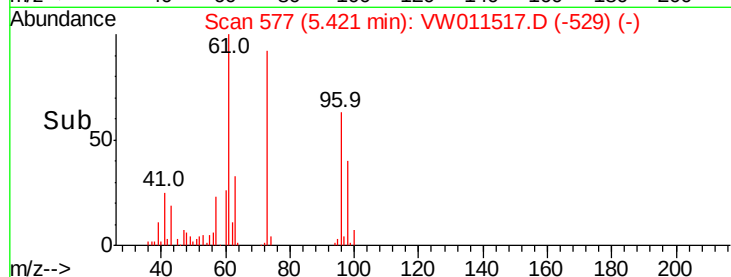
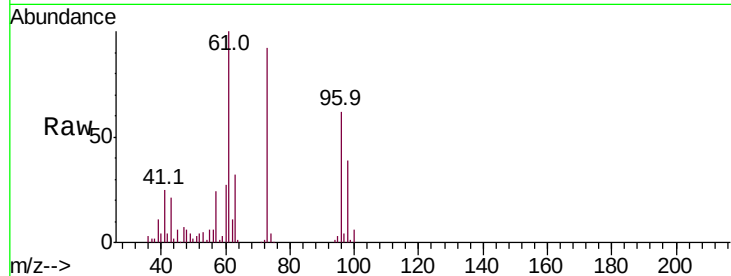
#19
Methyl tert-butyl Ether
Concen: 21.021 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Instrument :
MSVOA_W
ClientSampleId :
VW0727SBS01

Tot Ion: 73 Resp: 92450
Ion Ratio Lower Upper
73 100
57 25.9 18.4 27.6

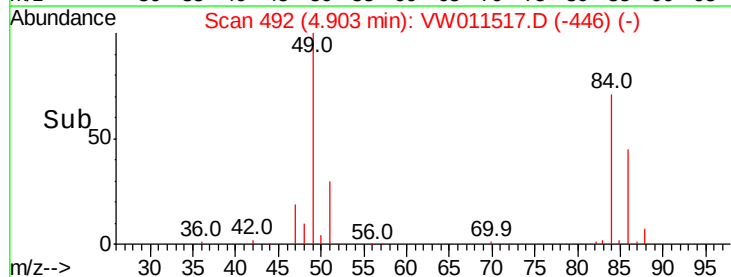
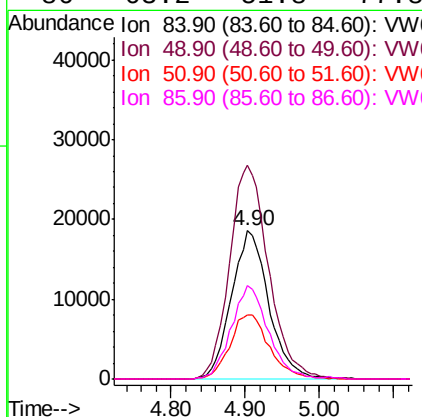
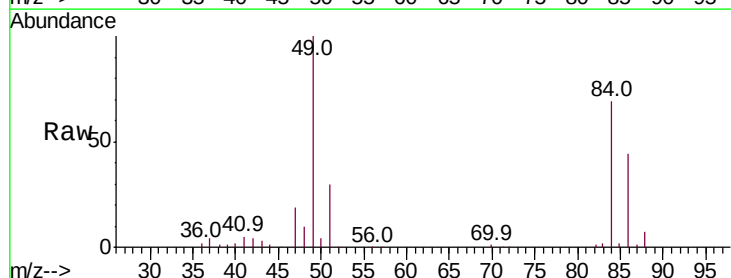
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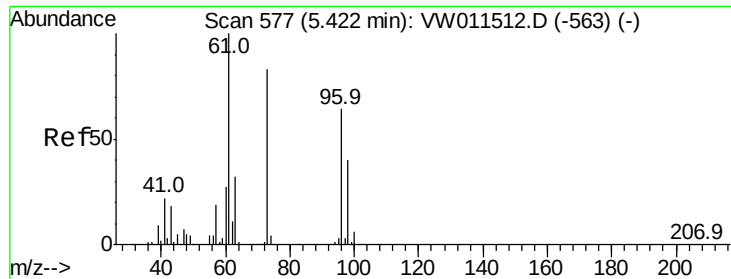
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#20
Methylene Chloride
Concen: 19.501 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.02 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Tgt Ion: 84 Resp: 65374
Ion Ratio Lower Upper
84 100
49 144.4 117.8 176.6
51 43.3 37.0 55.4
86 63.2 51.8 77.8





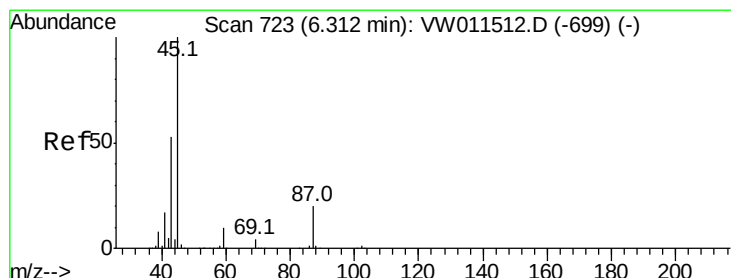
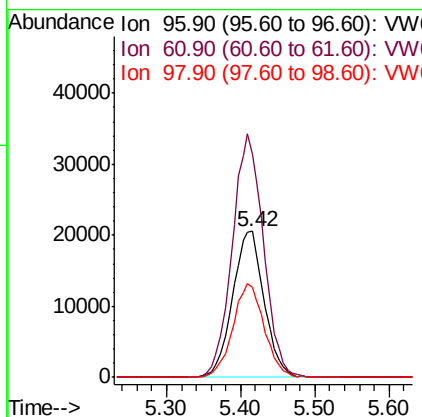
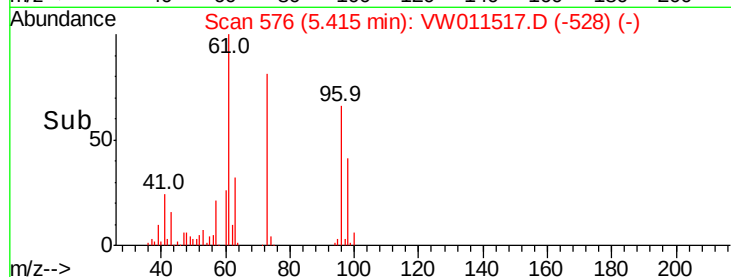
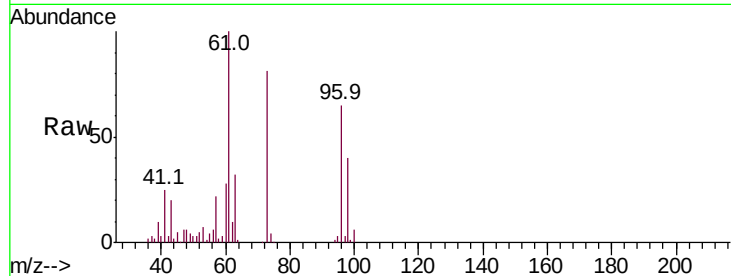
#21
trans-1,2-Dichloroethene
Concen: 20.425 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Instrument :
MSVOA_W
ClientSampleId :
VW0727SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	153.2	125.7	188.5
98	62.0	50.3	75.5

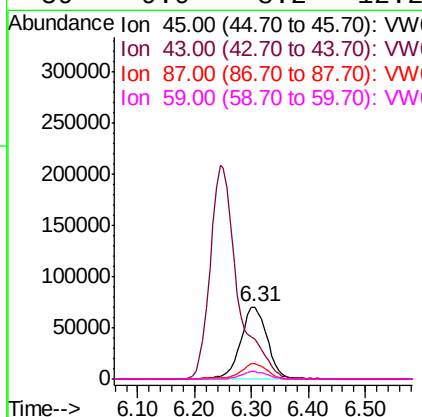
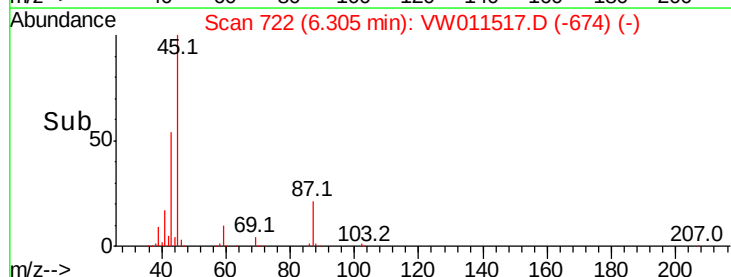
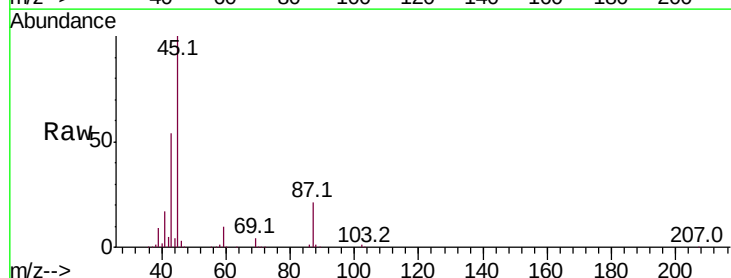
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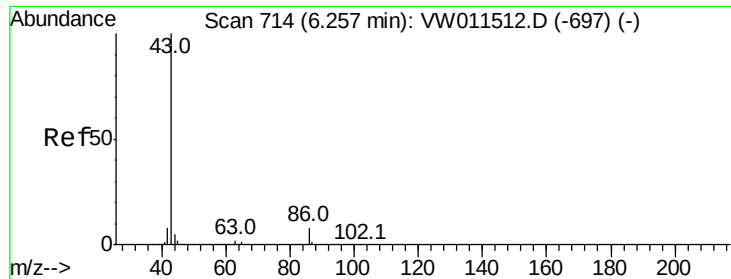
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#22
Diisopropyl ether
Concen: 20.694 ug/l
RT: 6.31 min Scan# 722
Delta R.T. -0.01 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Tgt Ion	Ratio	Lower	Upper
45	100		
43	53.8	42.6	63.8
87	20.8	16.4	24.6
59	9.9	8.2	12.2





#23

Vinyl Acetate

Concen: 100.051 ug/l

RT: 6.24 min Scan# 712

Delta R.T. -0.01 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Instrument :

MSVOA_W

ClientSampleId :

VW0727SBS01

Tot Ion: 43 Resp: 698684

Ion Ratio Lower Upper

43 100

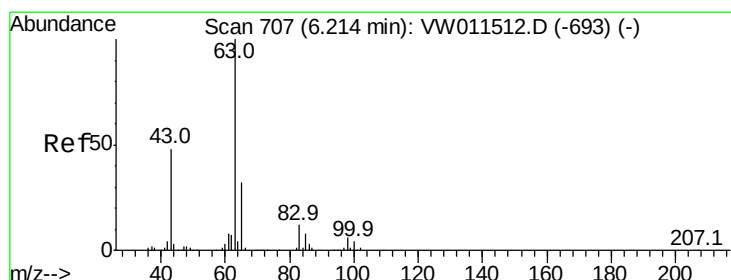
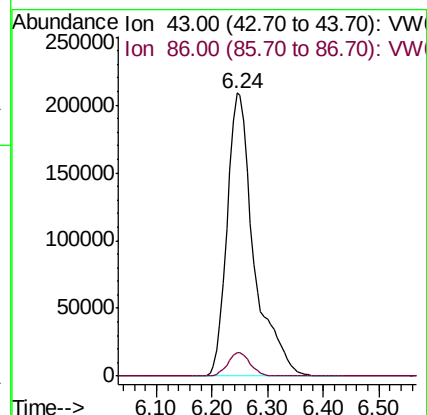
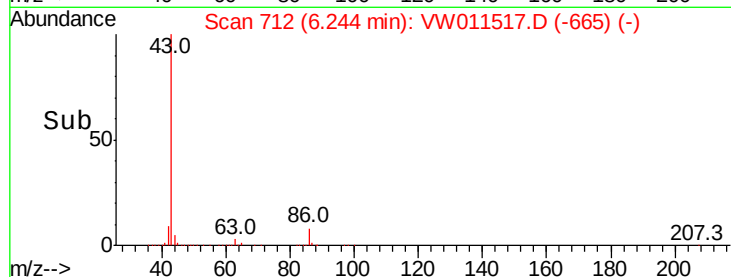
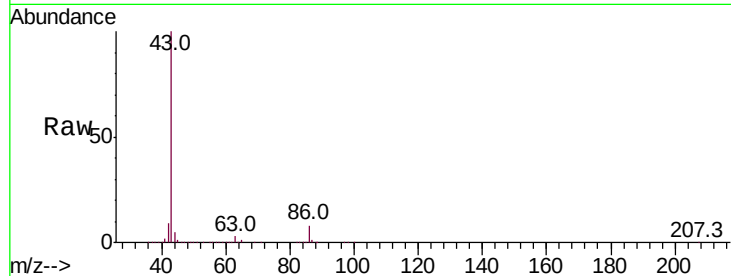
86 8.3 6.5 9.7

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#24

1,1-Dichloroethane

Concen: 20.371 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

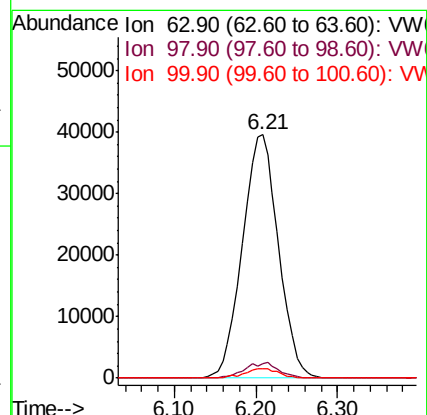
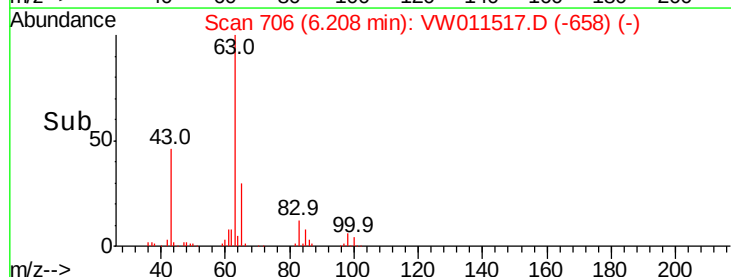
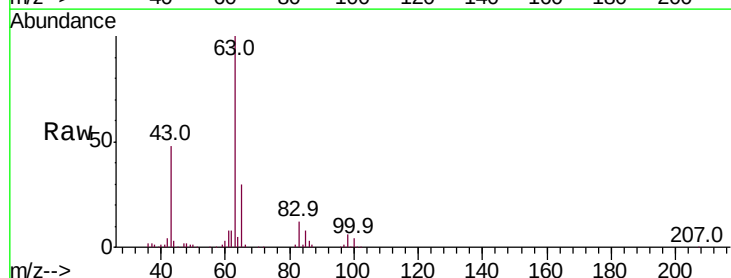
Tgt Ion: 63 Resp: 121252

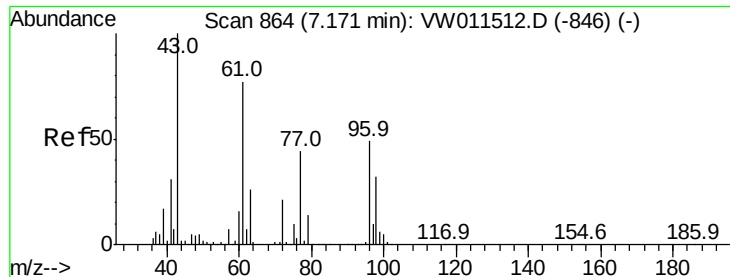
Ion Ratio Lower Upper

63 100

98 5.9 2.9 8.8

100 3.8 2.1 6.3





#25

2-Butanone

Concen: 91.708 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Instrument :

MSVOA_W

ClientSampled :

VW0727SBS01

Tot Ion: 43 Resp: 116645

Ion Ratio Lower Upper

43 100

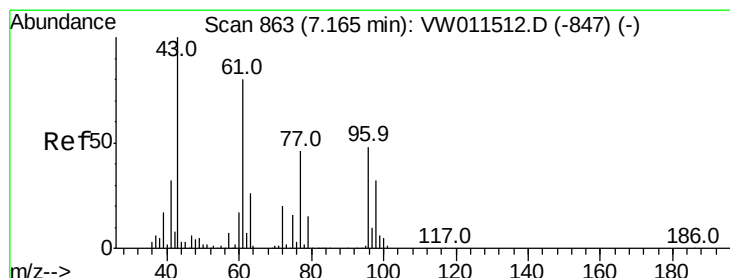
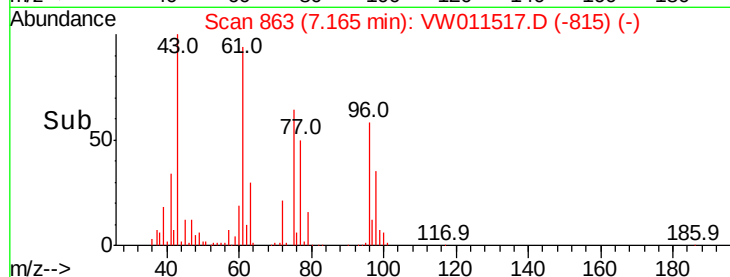
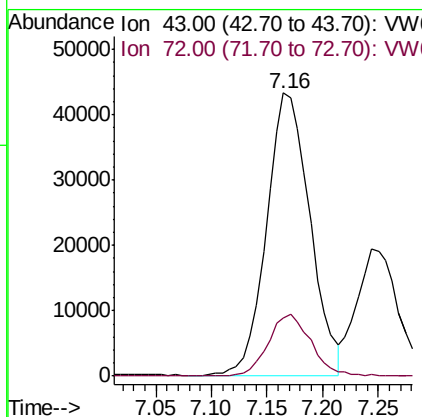
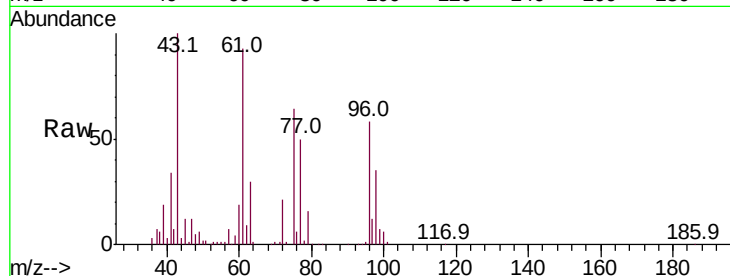
72 20.7 16.6 24.8

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#26

2,2-Dichloropropane

Concen: 18.615 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW011517.D

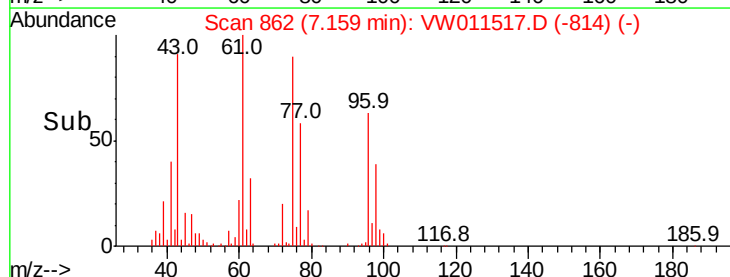
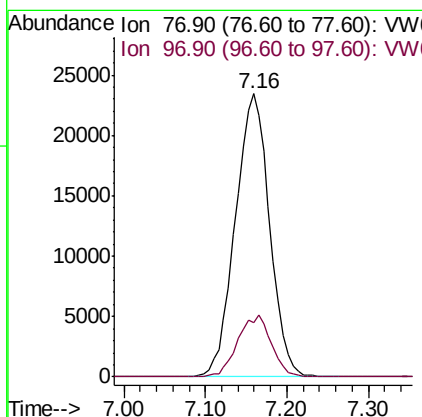
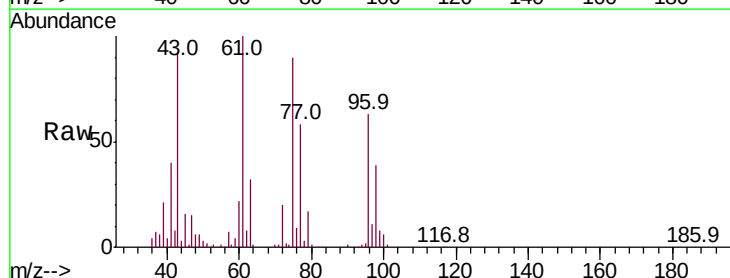
Acq: 26 Jul 2019 15:49

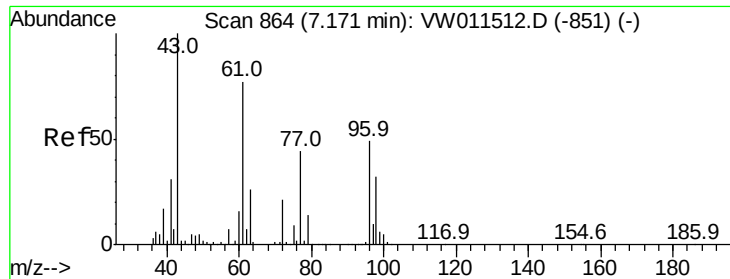
Tgt Ion: 77 Resp: 68140

Ion Ratio Lower Upper

77 100

97 21.4 10.8 32.4





#27

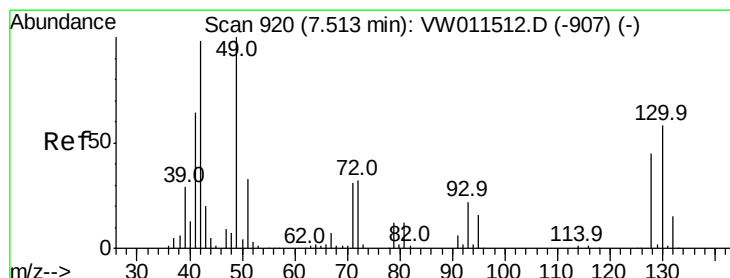
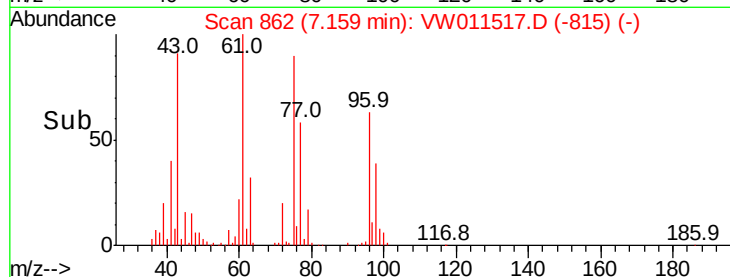
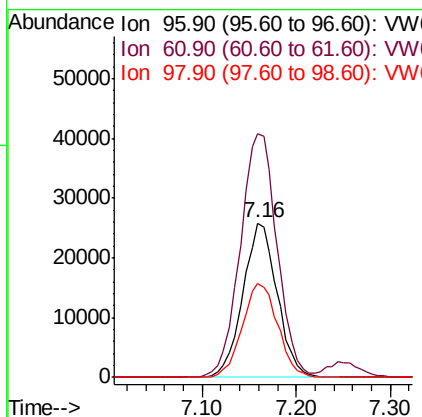
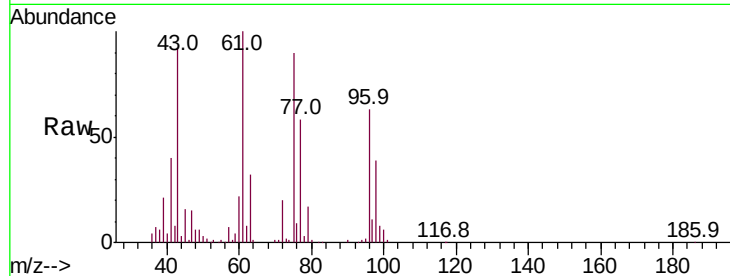
cis-1,2-Dichloroethene
Concen: 20.063 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Instrument :
MSVOA_W
ClientSampleId :
VW0727SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	168.9	0.0	328.4
98	62.7	0.0	128.8

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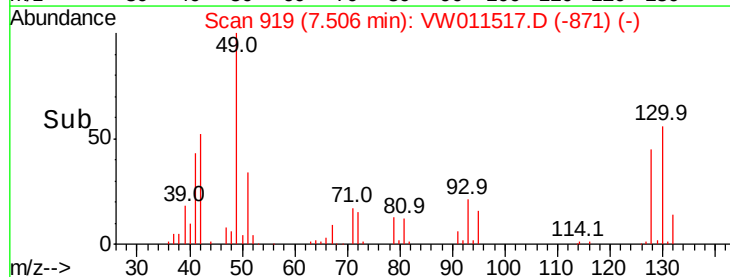
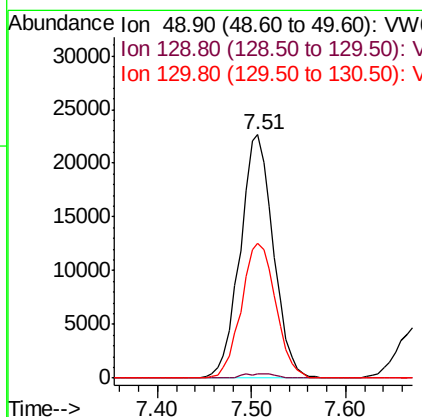
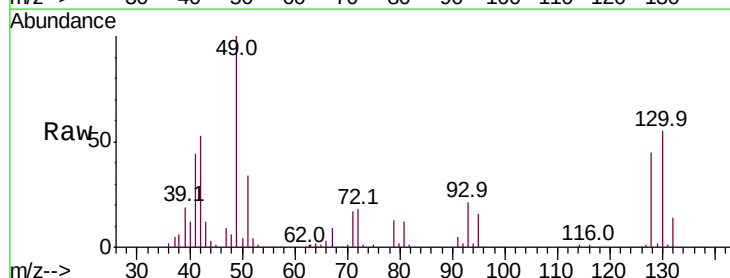
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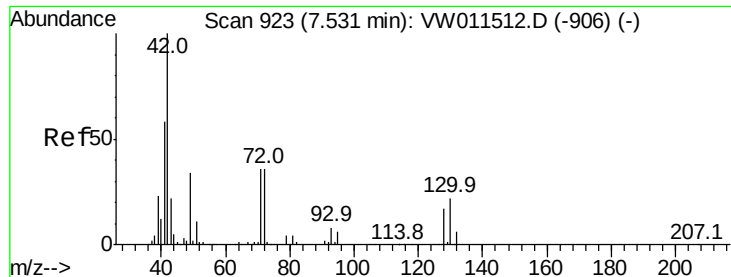


#28

Bromochloromethane
Concen: 21.151 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	1.0
130	57.3	46.3	69.5





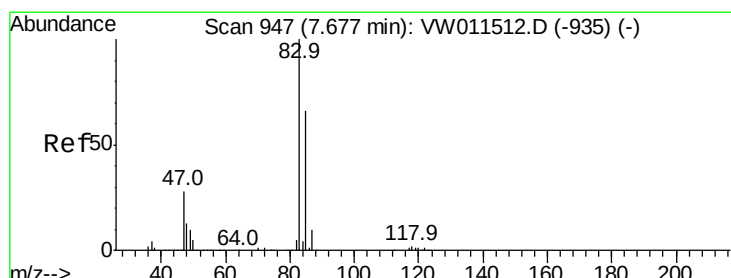
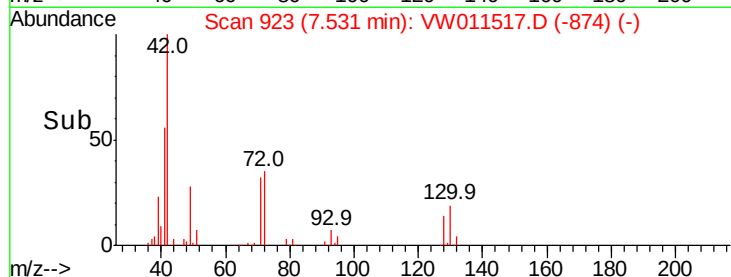
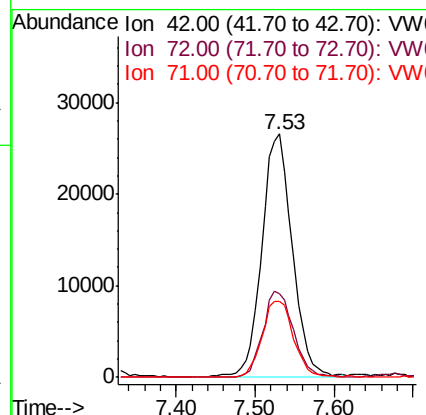
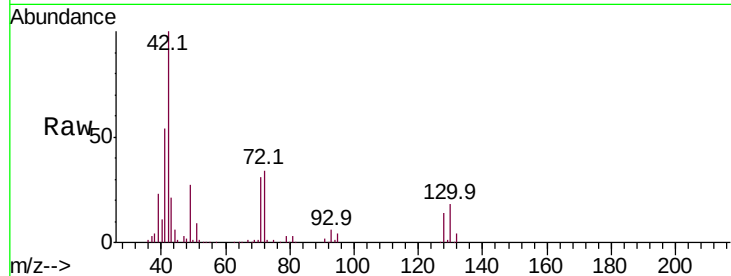
#29
Tetrahydrofuran
Concen: 97.974 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Instrument :
MSVOA_W
ClientSampleId :
VW0727SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	35.7	27.1	40.7
71	32.5	26.2	39.4

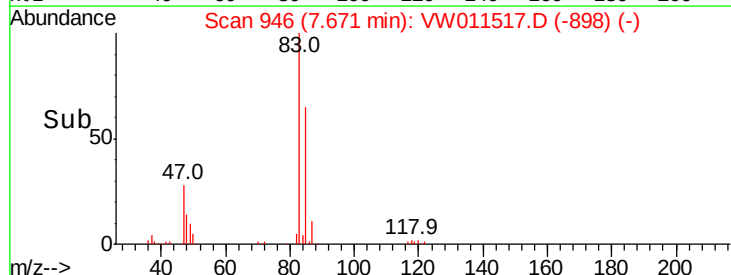
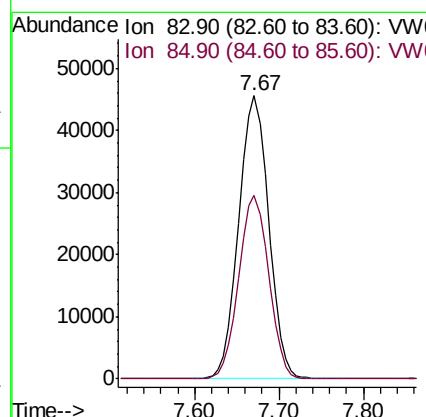
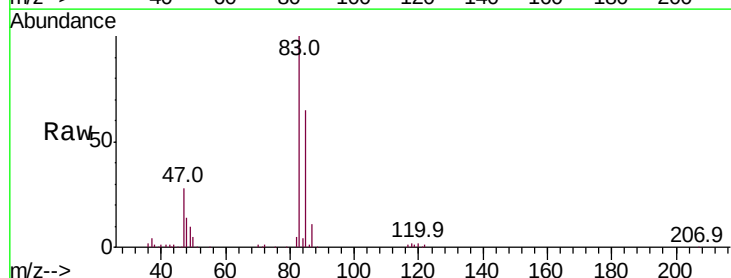
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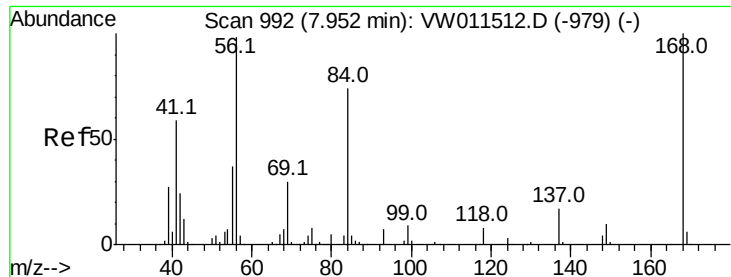
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#30
Chloroform
Concen: 19.944 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.5	78.7





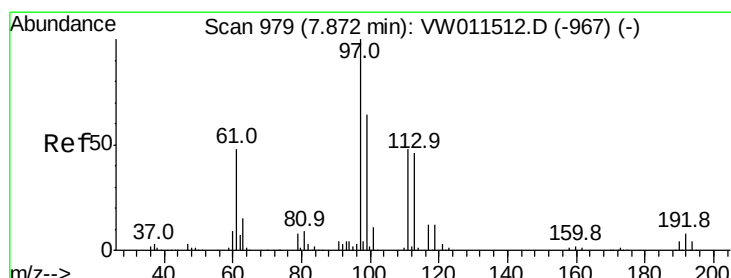
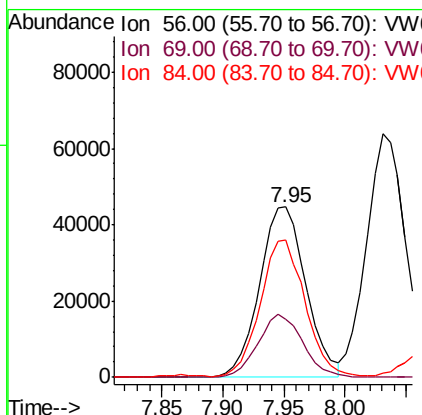
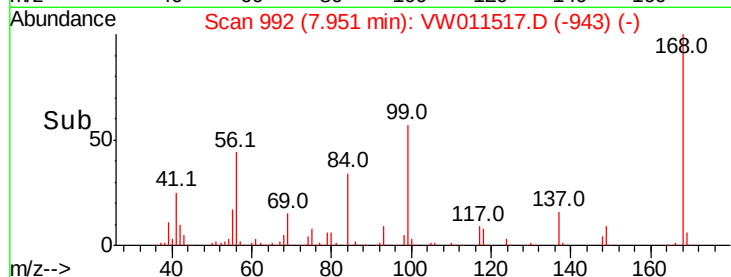
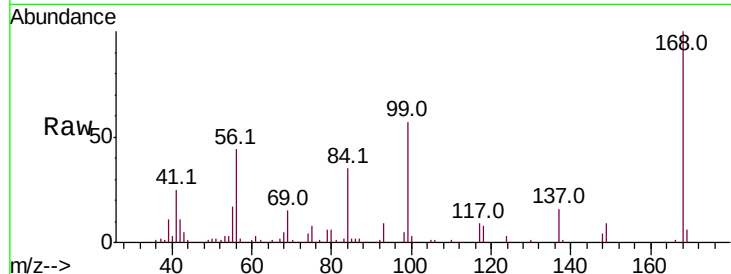
#31
Cyclohexane
Concen: 20.674 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Instrument :
MSVOA_W
ClientSampleId :
VW0727SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.1	24.3	36.5
84	79.3	60.4	90.6

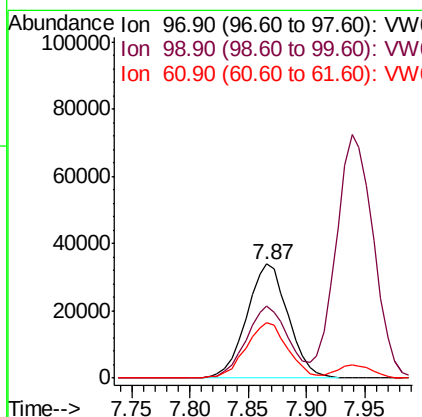
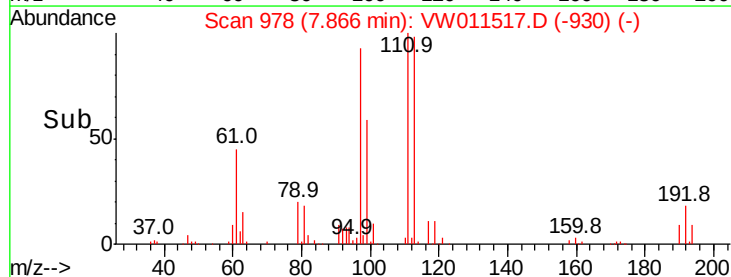
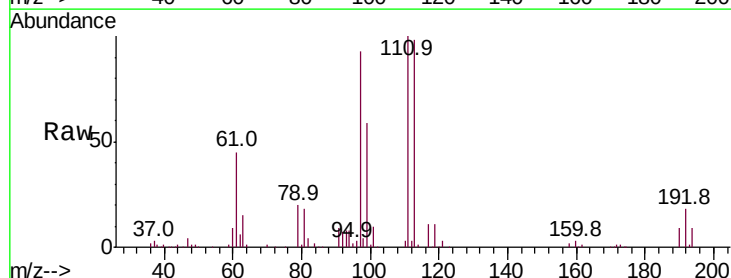
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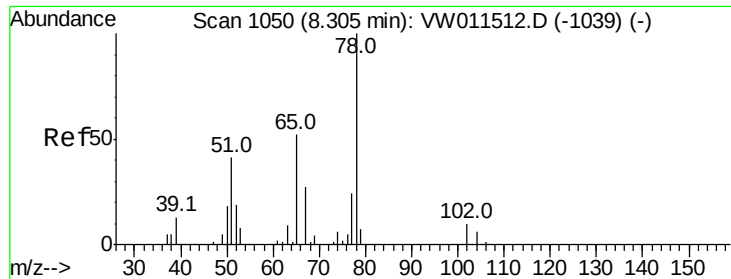
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#32
1,1,1-Trichloroethane
Concen: 20.051 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.0	76.6
61	48.9	39.8	59.6





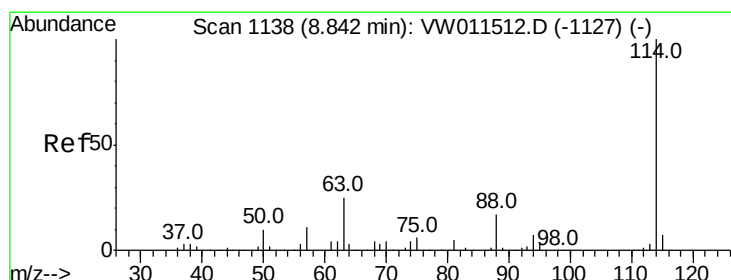
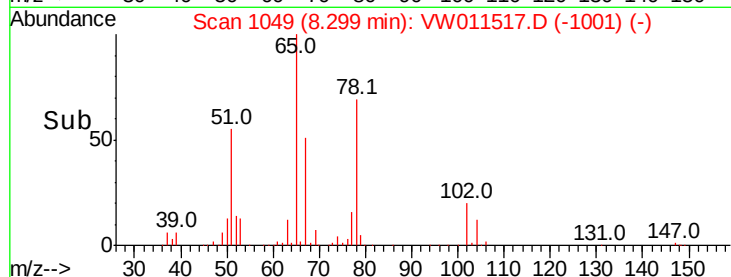
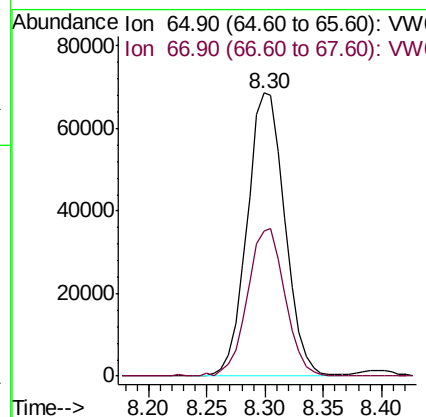
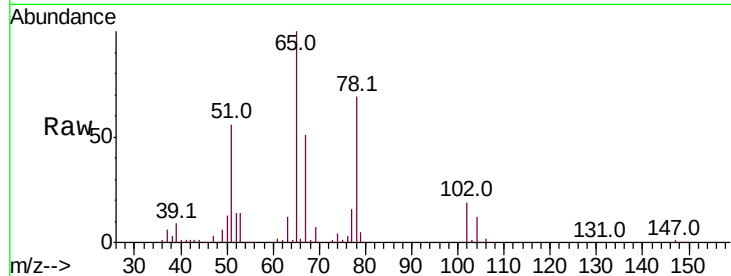
#33
 1,2-Dichloroethane-d4
 Concen: 50.808 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW011517.D
 Acq: 26 Jul 2019 15:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0727SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.0	0.0	105.2	

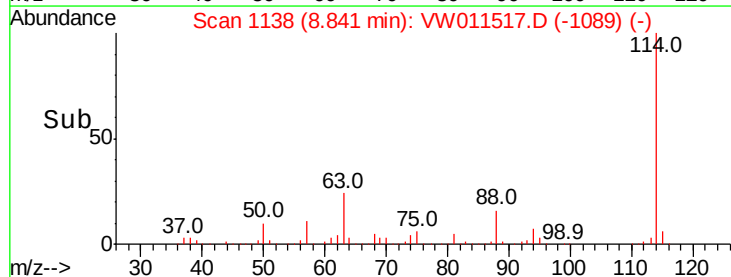
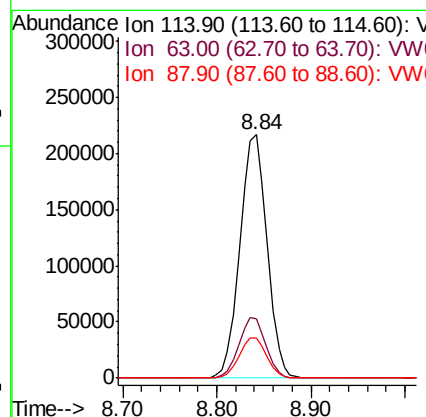
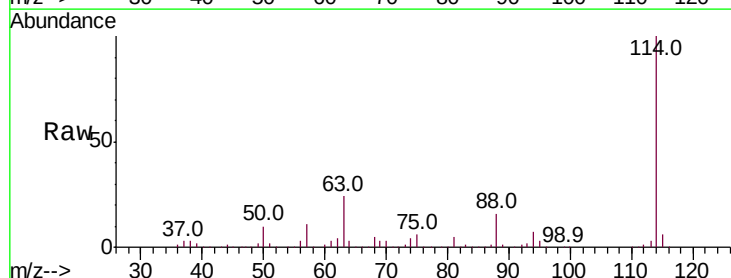
Manual Integrations
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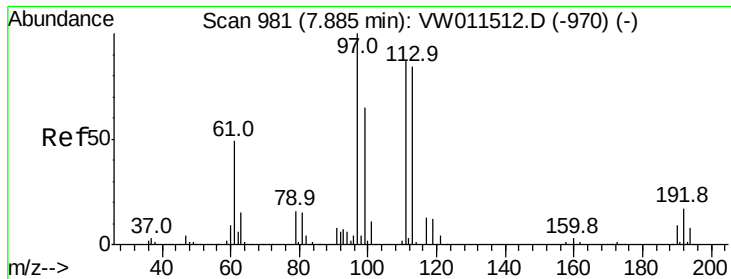
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011517.D
 Acq: 26 Jul 2019 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	24.2	0.0	49.2	
88	16.3	0.0	33.8	





#35

Dibromofluoromethane

Concen: 50.479 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Instrument :

MSVOA_W

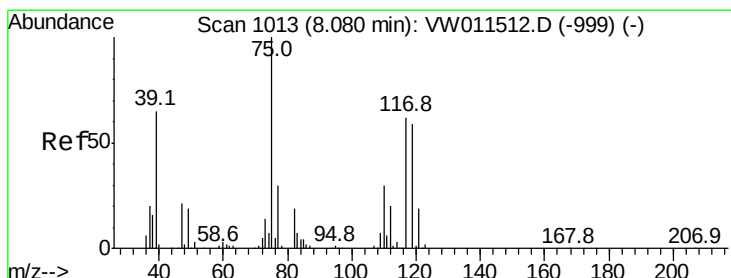
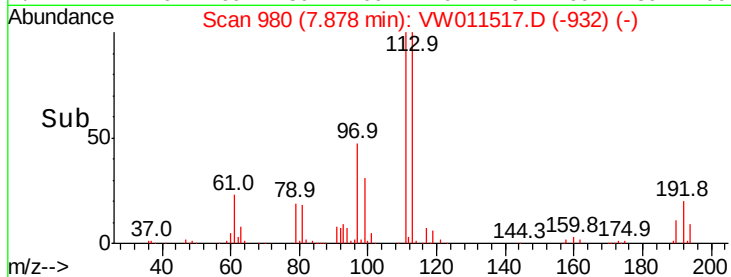
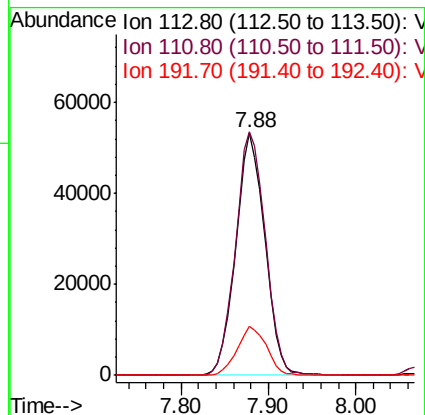
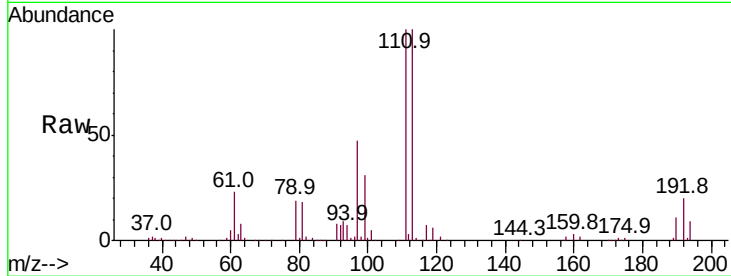
ClientSampleId :

VW0727SBS01

Tot Ion:	113	Resp:	122779
Ion Ratio	Lower	Upper	
113	100		
111	103.6	82.7	124.1
192	20.4	16.1	24.1

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#36

1,1-Dichloropropene

Concen: 20.667 ug/l

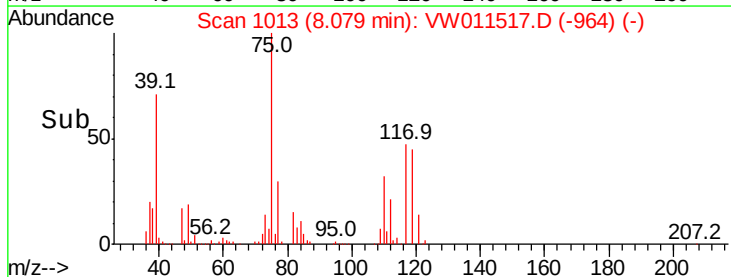
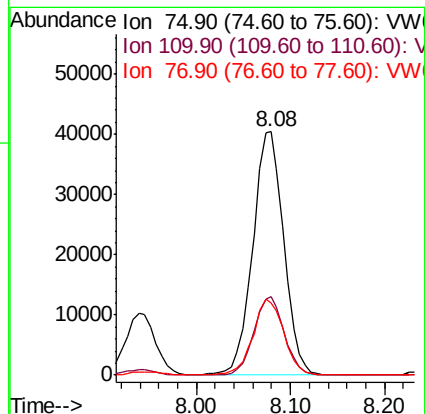
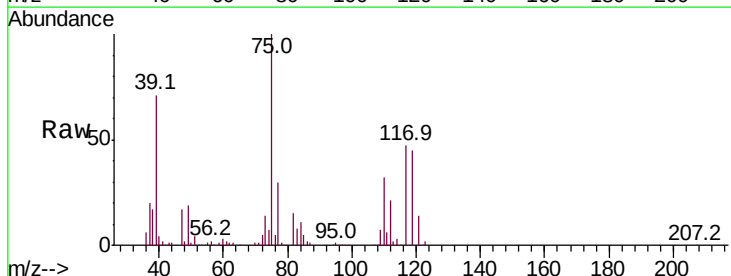
RT: 8.08 min Scan# 1013

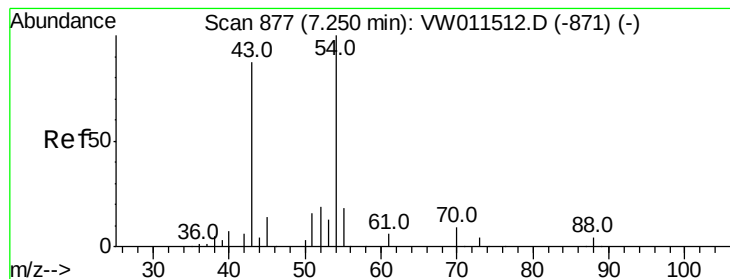
Delta R.T. -0.00 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Tgt Ion:	75	Resp:	93167
Ion Ratio	Lower	Upper	
75	100		
110	31.4	15.6	46.8
77	31.2	24.3	36.5





#37

Ethyl Acetate

Concen: 19.909 ug/l

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Instrument :

MSVOA_W

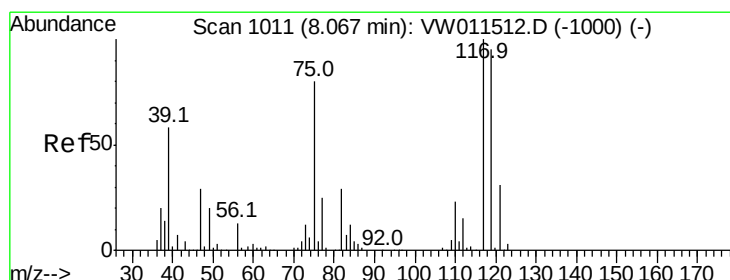
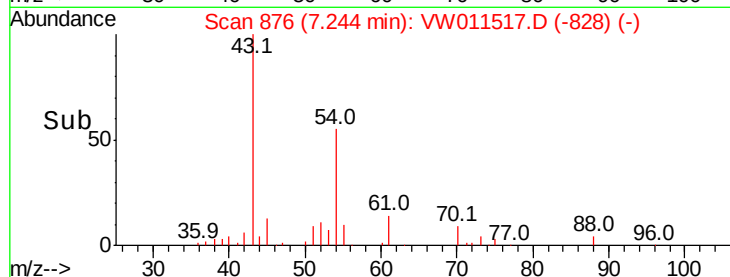
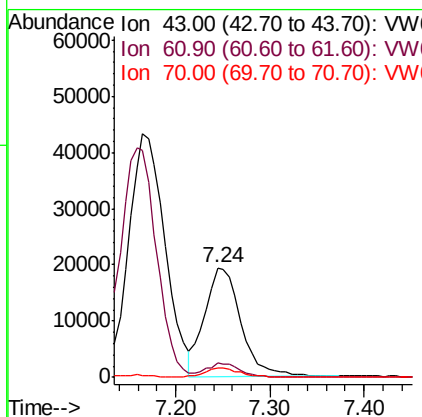
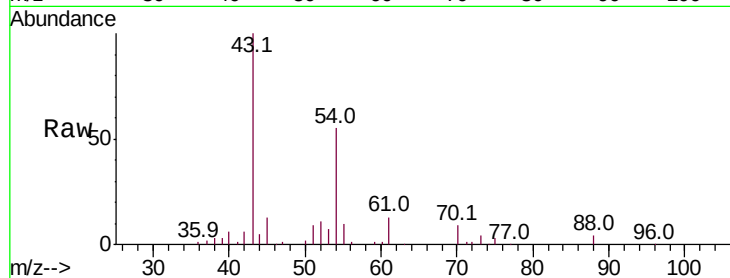
ClientSampled :

VW0727SBS01

Tot Ion:	43	Resp:	51635
Ion	Ratio	Lower	Upper
43	100		
61	12.5	8.8	13.2
70	8.7	7.1	10.7

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 19.887 ug/l

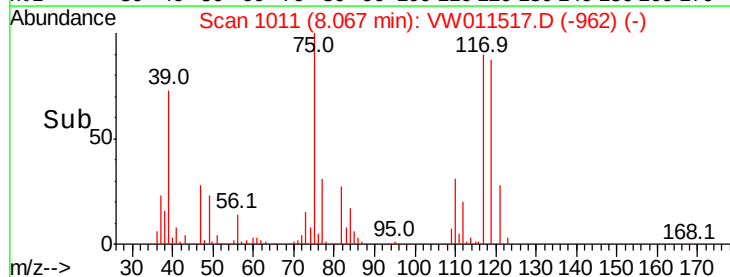
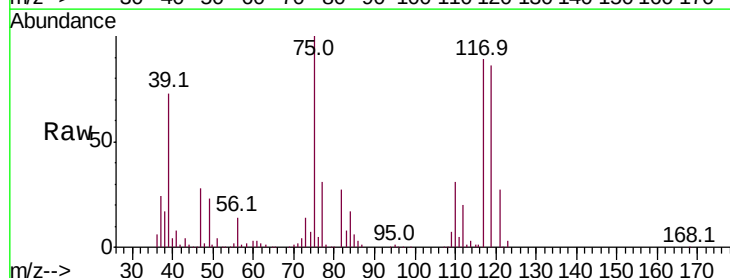
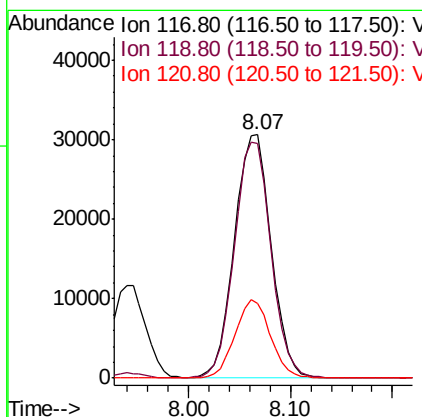
RT: 8.07 min Scan# 1011

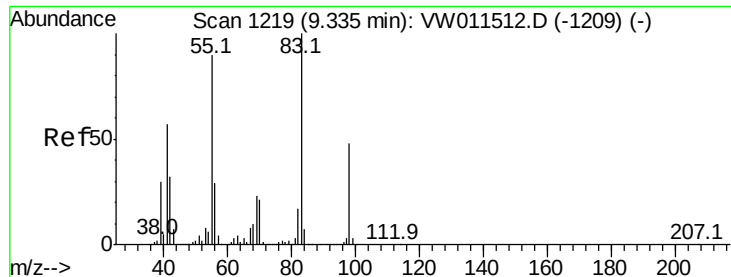
Delta R.T. -0.00 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Tgt Ion:	117	Resp:	76749
Ion	Ratio	Lower	Upper
117	100		
119	96.6	75.8	113.6
121	30.8	24.7	37.1





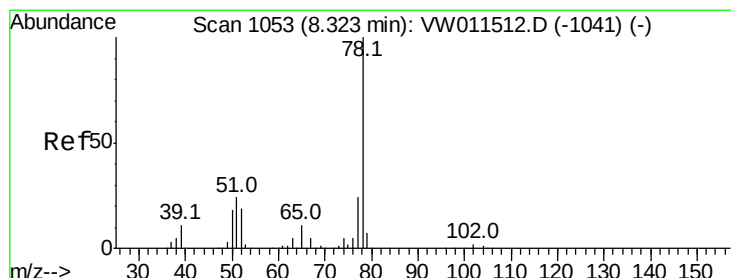
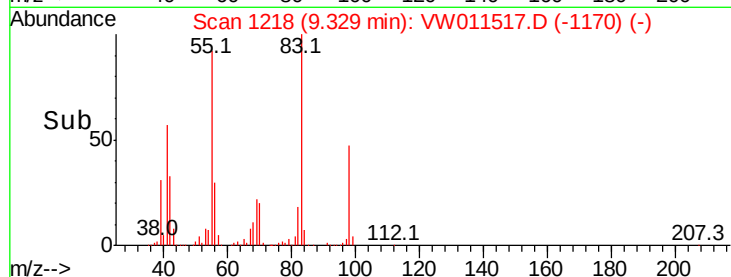
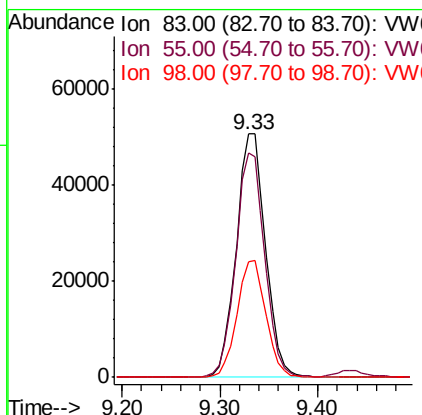
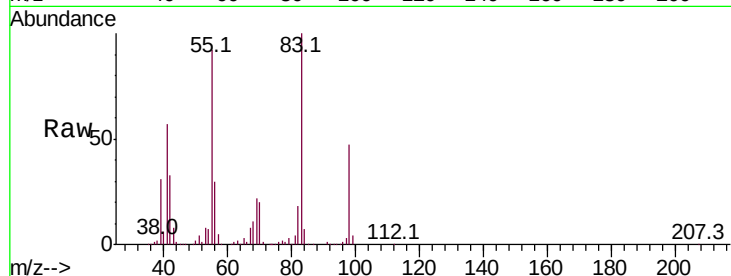
#39
Methylvlcyclohexane
Concen: 21.146 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Instrument :
MSVOA_W
ClientSampleId :
VW0727SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	92.0	72.1	108.1
98	47.3	38.6	57.8

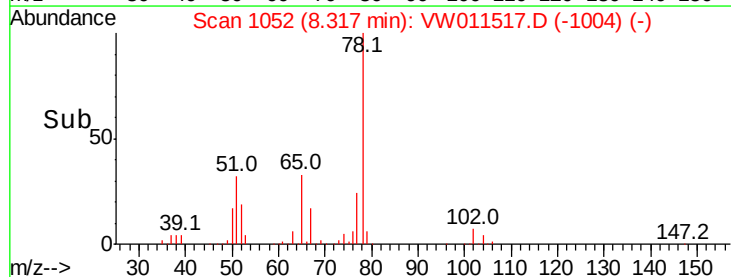
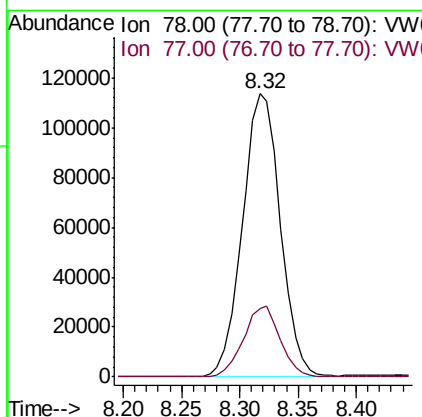
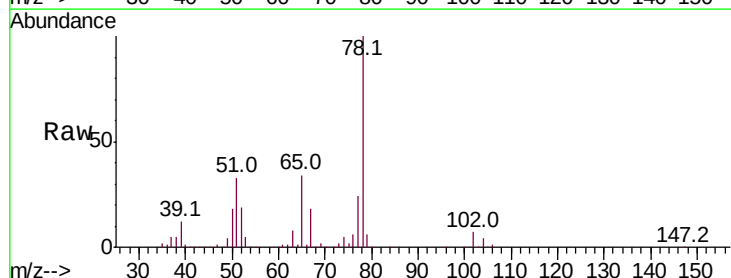
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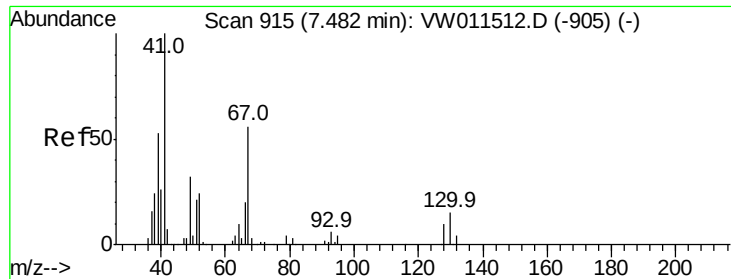
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#40
Benzene
Concen: 20.331 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.4	29.0





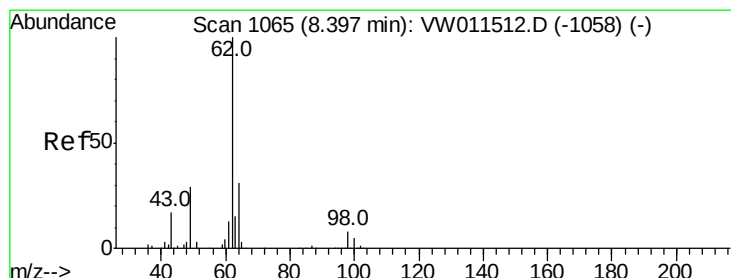
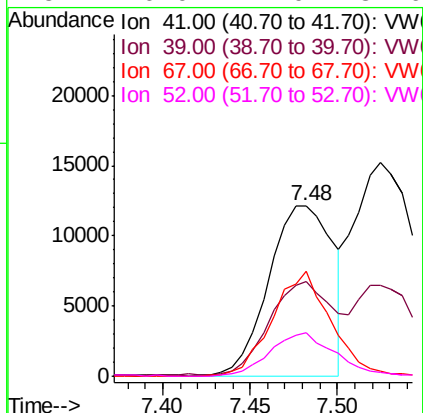
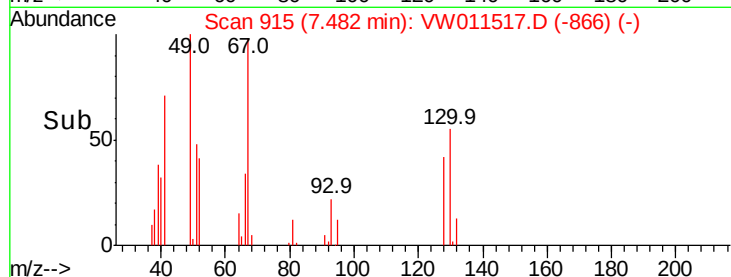
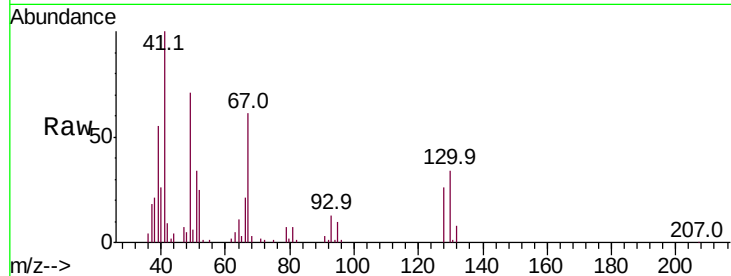
#41
Methacrylonitrile
Concen: 20.160 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Instrument :
MSVOA_W
ClientSampleId :
VW0727SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	58.4	43.0	64.4
67	56.1	47.5	71.3
52	26.0	21.0	31.6

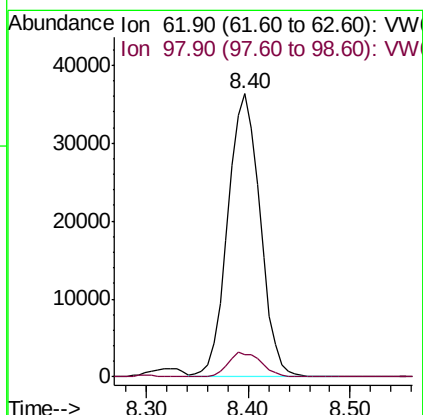
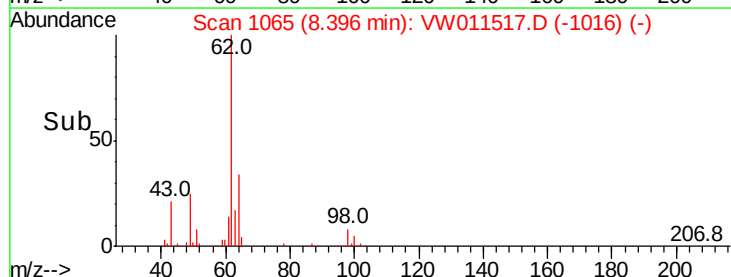
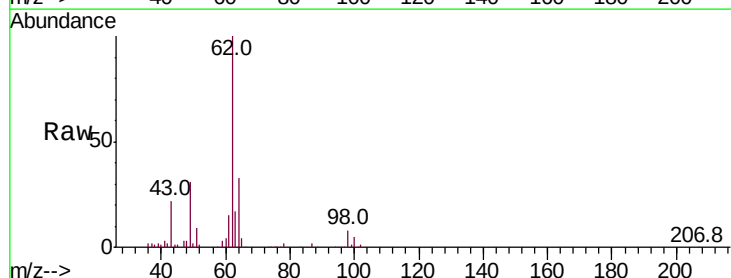
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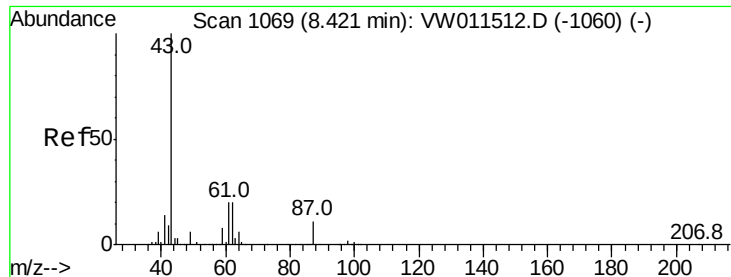
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7/29/2019 9:18:54 AM



#42
1,2-Dichloroethane
Concen: 20.197 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	16.8





#43

Isopropyl Acetate

Concen: 19.644 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Instrument :

MSVOA_W

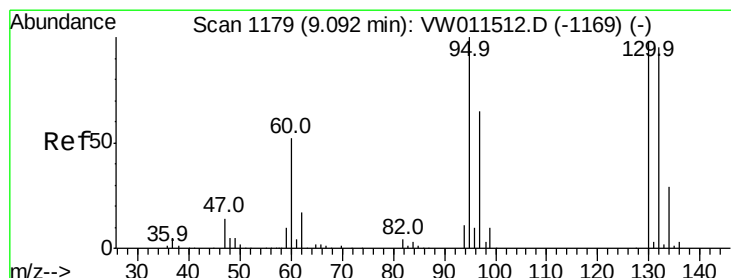
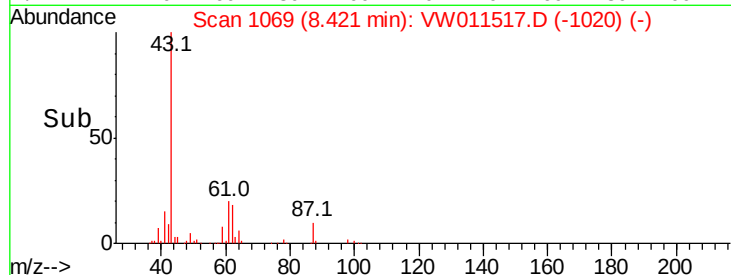
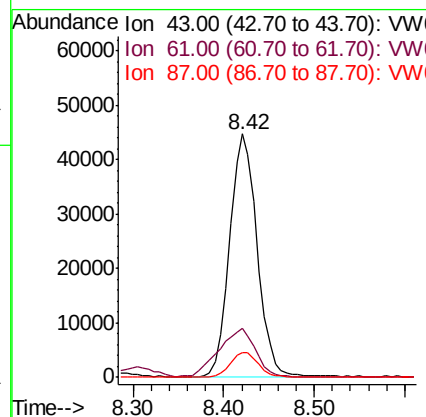
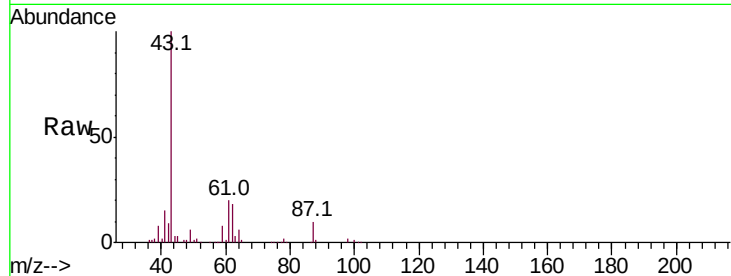
ClientSampleId :

VW0727SBS01

Tot Ion:	43	Resp:	93700
Ion	Ratio	Lower	Upper
43	100		
61	26.9	21.5	32.3
87	10.4	8.4	12.6

Manual Integrations
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#44

Trichloroethene

Concen: 20.574 ug/l

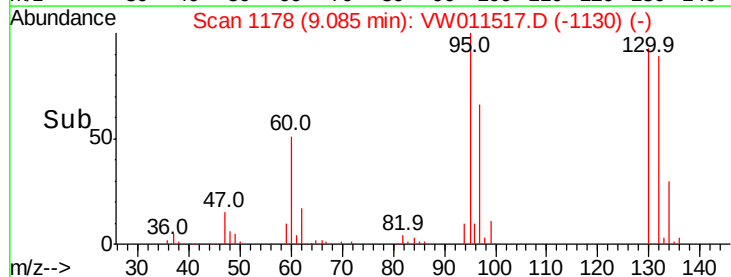
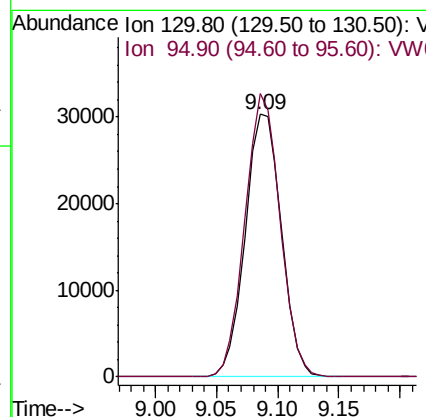
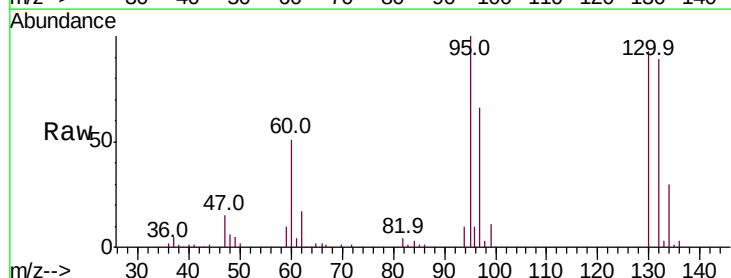
RT: 9.09 min Scan# 1178

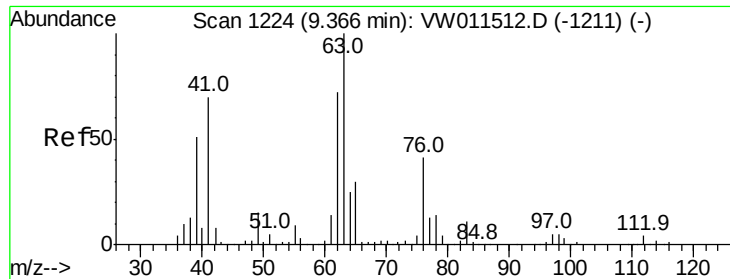
Delta R.T. -0.01 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Tgt Ion:	130	Resp:	62441
Ion	Ratio	Lower	Upper
130	100		
95	107.7	0.0	204.8





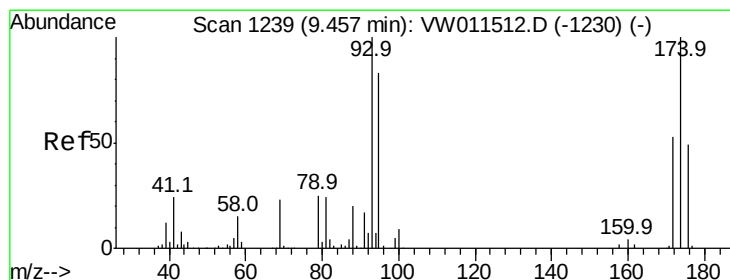
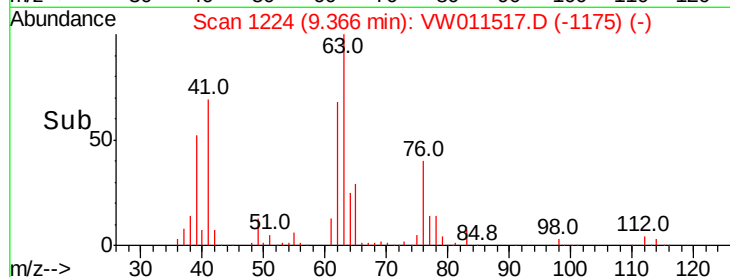
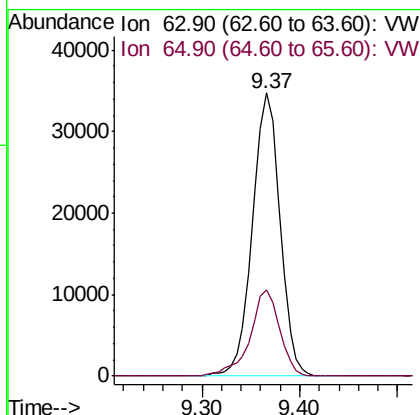
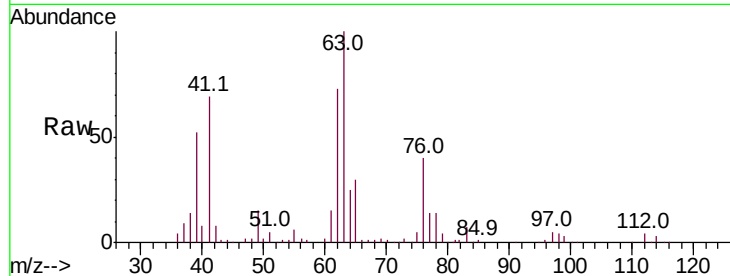
#45
 1,2-Dichloropropane
 Concen: 20.182 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW011517.D
 Acq: 26 Jul 2019 15:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0727SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.3	24.2	36.4

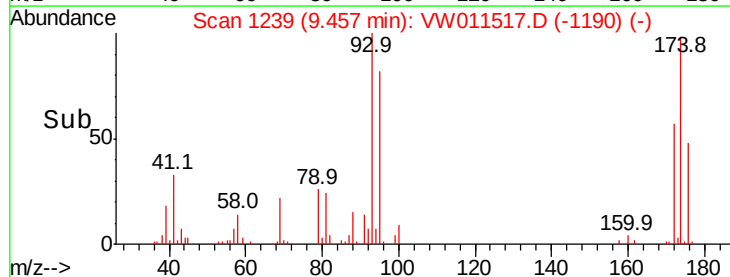
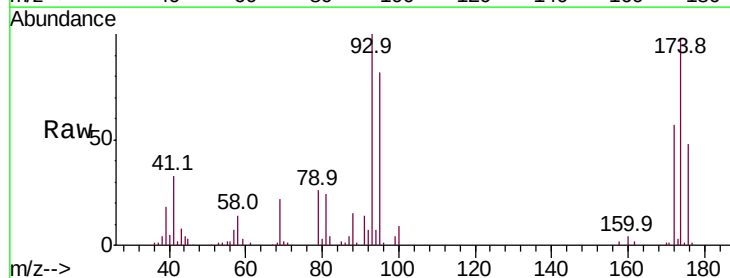
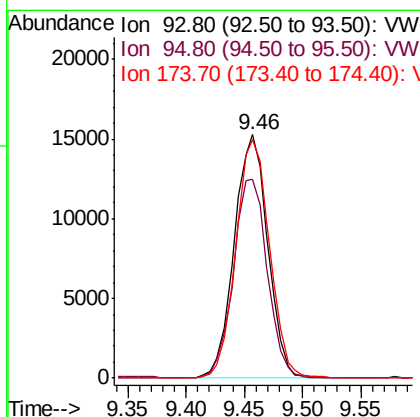
Manual Integrations
 APPROVED

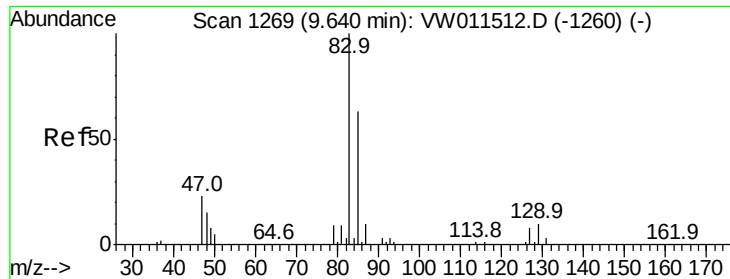
MMDadoda
 7/29/2019 9:18:54 AM



#46
 Dibromomethane
 Concen: 19.863 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW011517.D
 Acq: 26 Jul 2019 15:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.5	66.2	99.2
174	98.7	78.2	117.4





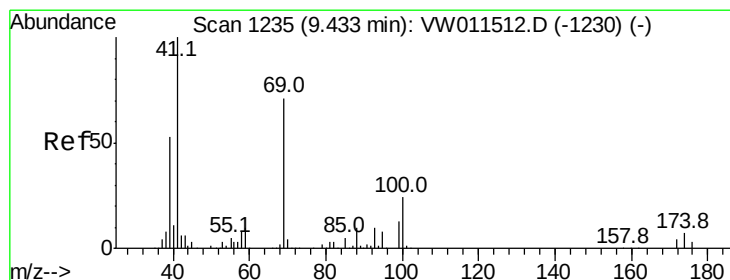
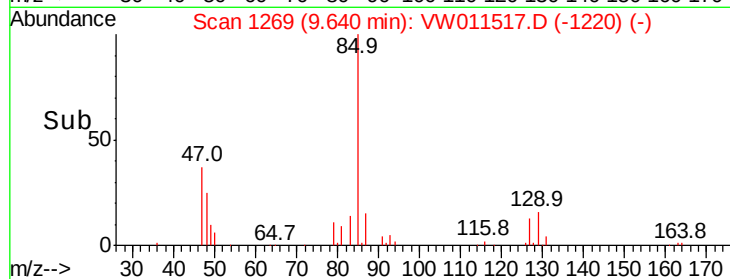
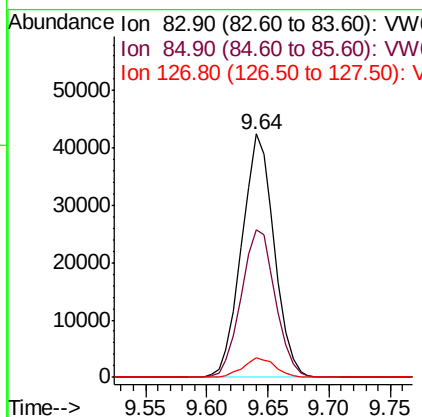
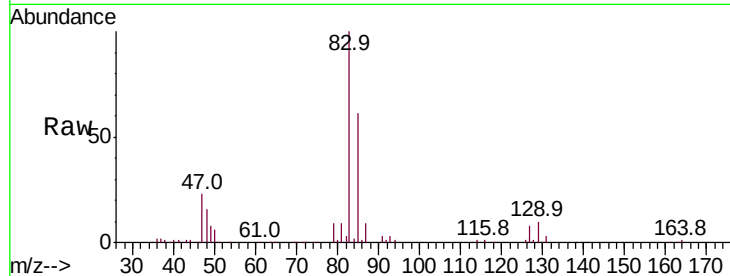
#47
Bromodichloromethane
Concen: 19.355 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Instrument :
MSVOA_W
ClientSampleId :
VW0727SBS01

Tot Ion	83	Resp	78292
Ion Ratio	100	Lower	Upper
83	100		
85	60.7	50.5	75.7
127	8.0	6.4	9.6

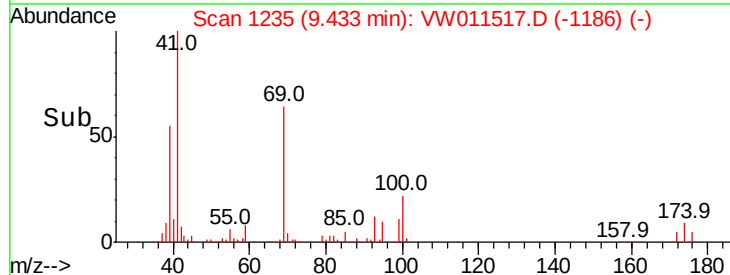
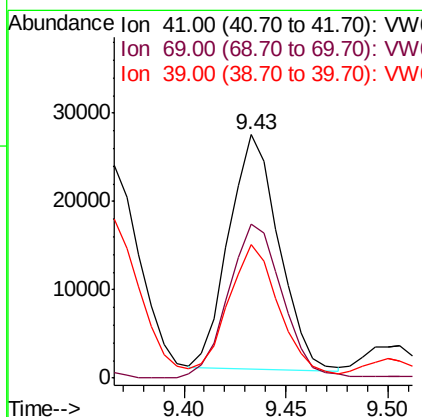
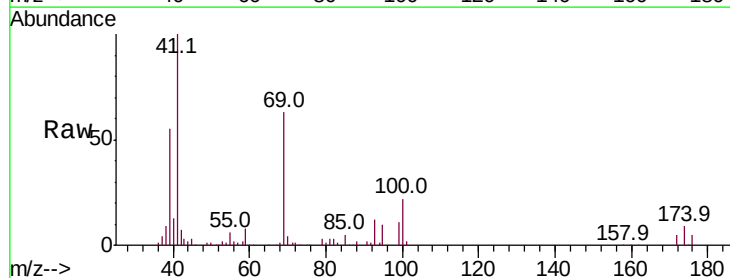
Manual Integrations
APPROVED

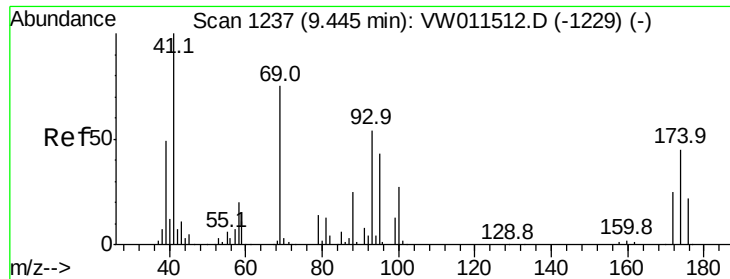
MMDadoda
7/29/2019 9:18:54 AM



#48
Methyl methacrylate
Concen: 19.783 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Tgt Ion	41	Resp	45327
Ion Ratio	100	Lower	Upper
41	100		
69	71.0	57.1	85.7
39	55.0	45.4	68.2





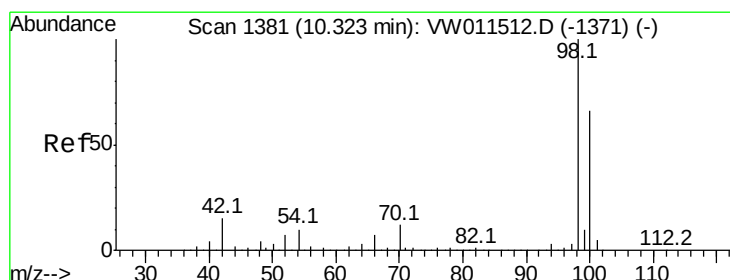
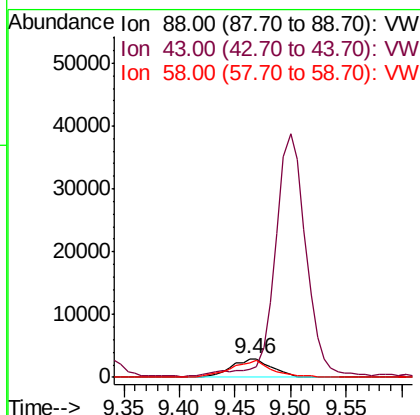
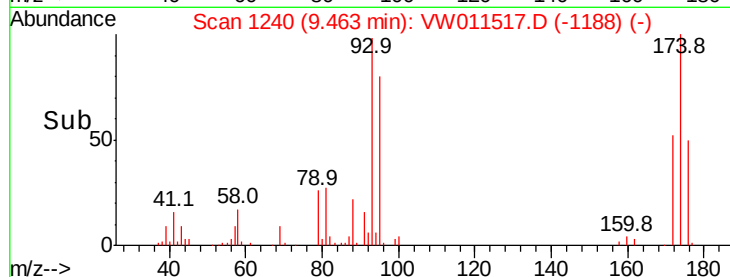
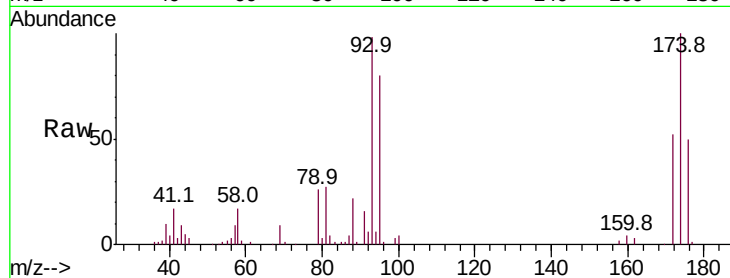
#49
1,4-Dioxane
Concen: 331.417 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. 0.02 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Instrument :
MSVOA_W
ClientSampled :
VW0727SBS01

Tot Ion: 88 Resp: 7400
Ion Ratio Lower Upper
88 100
43 0.0 34.0 51.0#
58 92.7 69.7 104.5

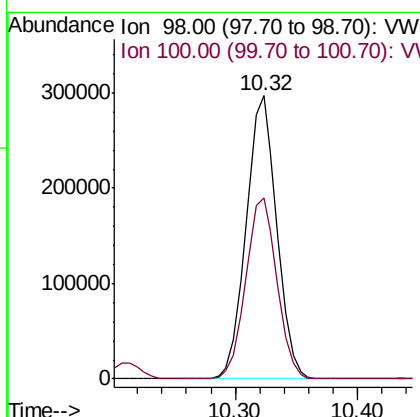
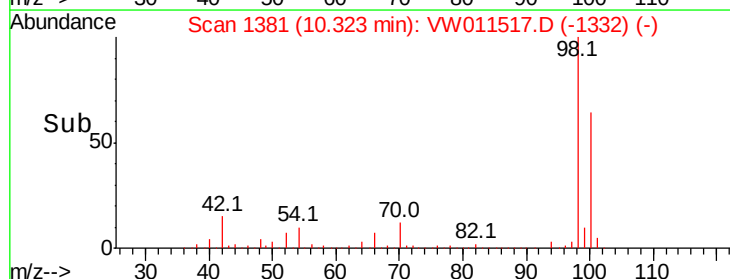
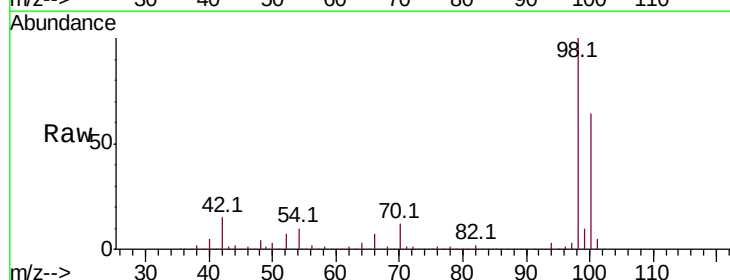
Manual Integrations
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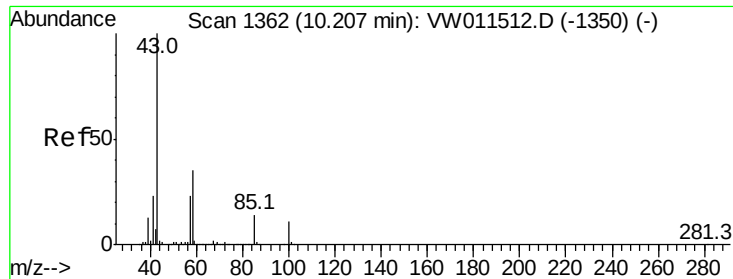
MMDadoda
7/29/2019 9:18:54 AM



#50
Toluene-d8
Concen: 51.725 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Tgt Ion: 98 Resp: 515102
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1





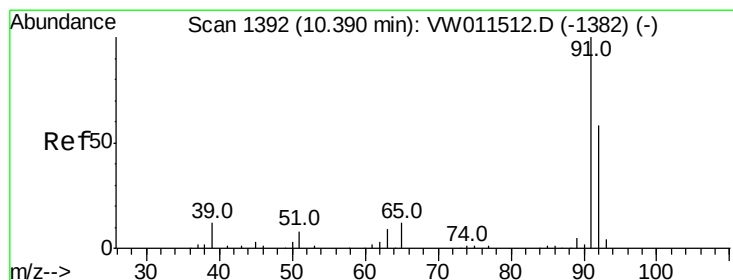
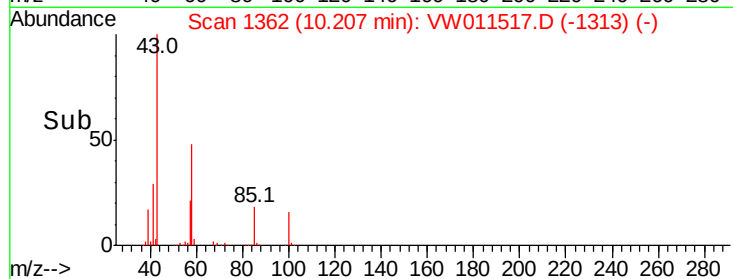
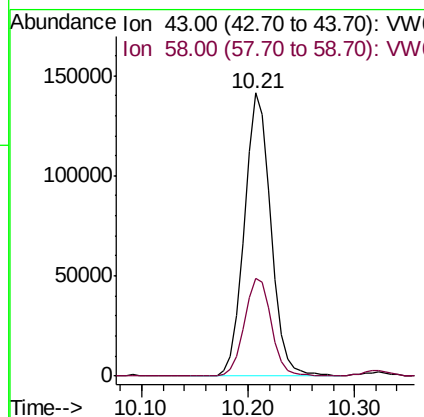
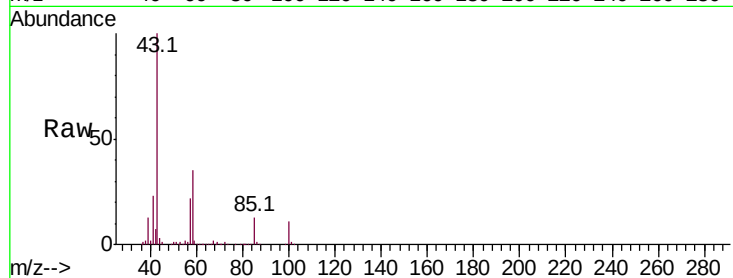
#51
4-Methyl-2-Pentanone
Concen: 99.370 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Instrument :
MSVOA_W
ClientSampleId :
VW0727SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	35.3	28.2	42.2

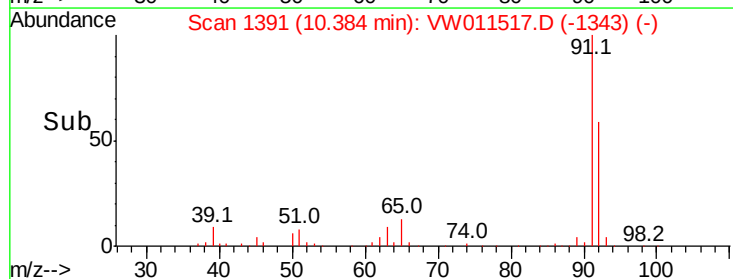
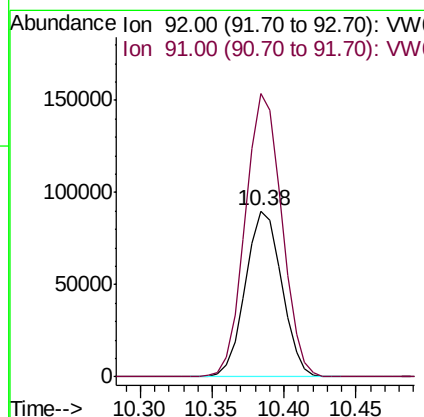
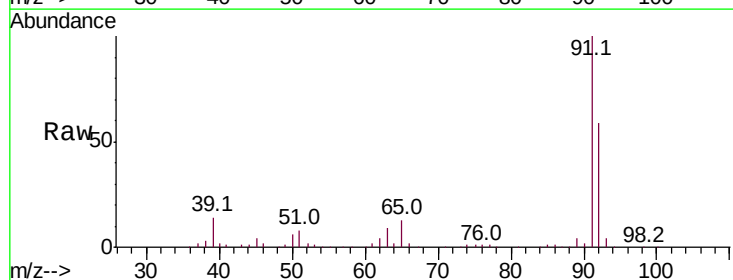
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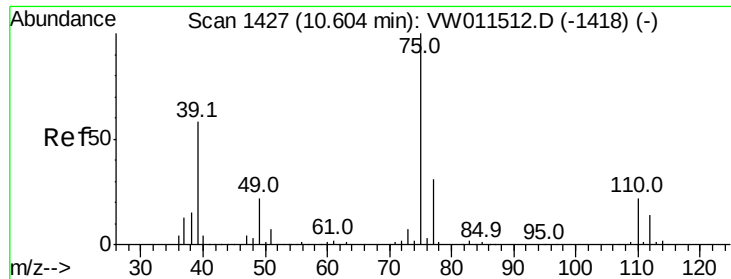
MMDadoda
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#52
Toluene
Concen: 20.567 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.9	136.7	205.1





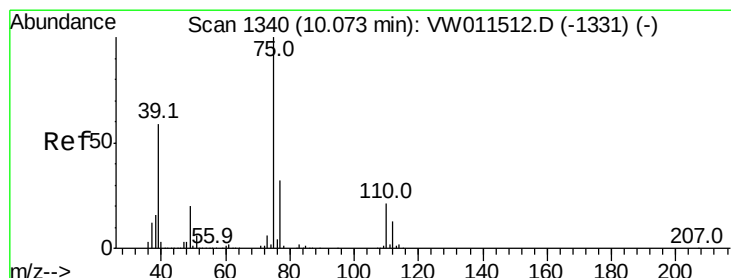
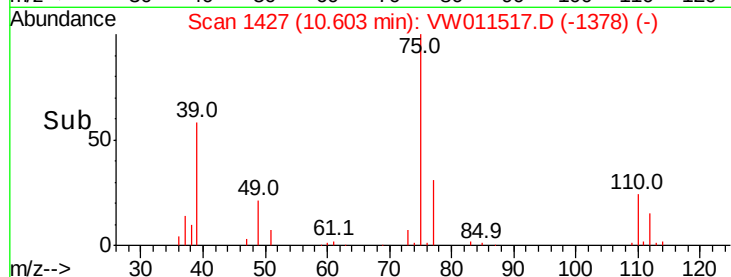
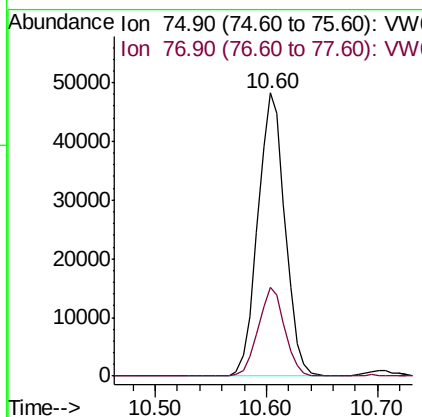
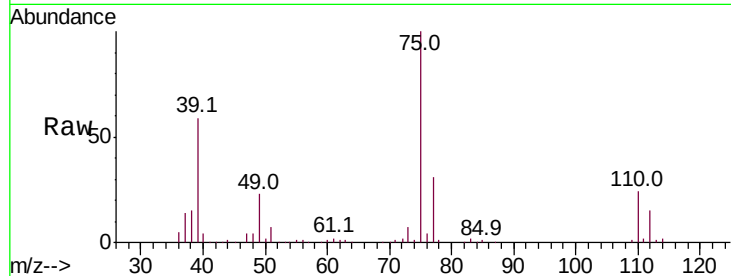
#53
 t-1,3-Dichloropropene
 Concen: 19.416 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW011517.D
 Acq: 26 Jul 2019 15:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0727SBS01

Tot Ion: 75 Resp: 82041
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.0 37.4

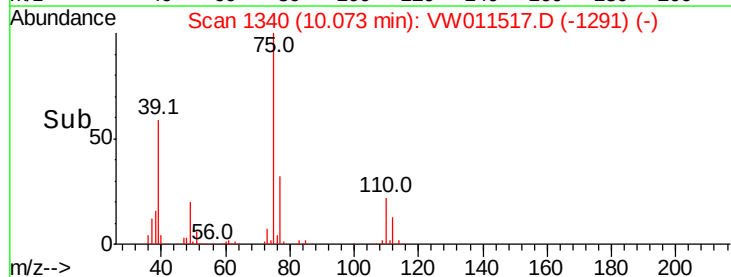
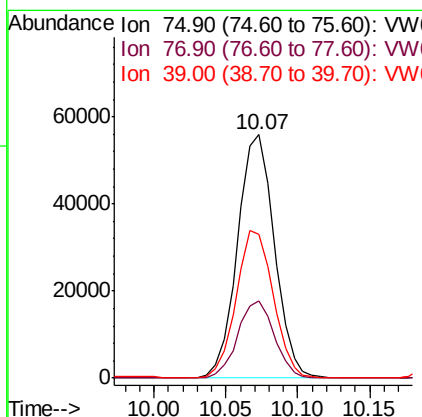
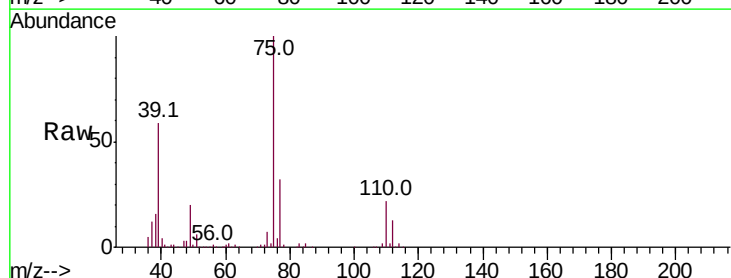
Manual Integrations
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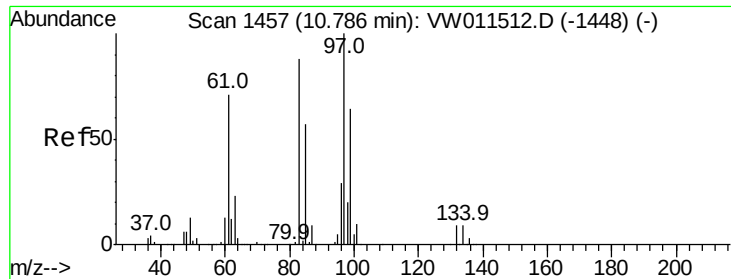
MMDadoda
 7/29/2019 9:18:54 AM



#54
 cis-1,3-Dichloropropene
 Concen: 19.874 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW011517.D
 Acq: 26 Jul 2019 15:49

Tgt Ion: 75 Resp: 99849
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.6 38.4
 39 59.0 47.0 70.4





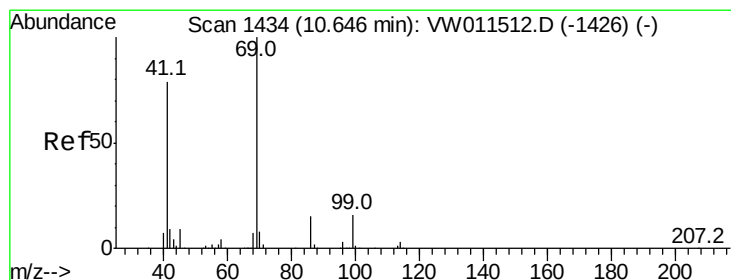
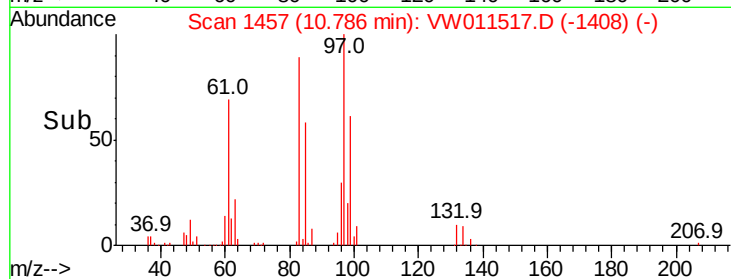
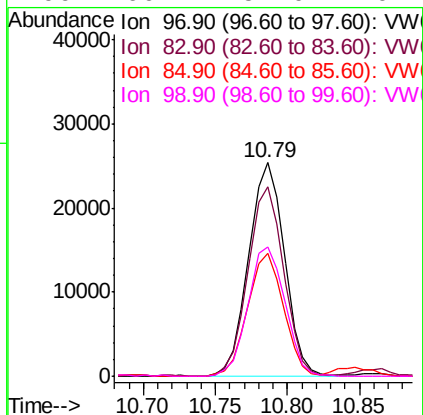
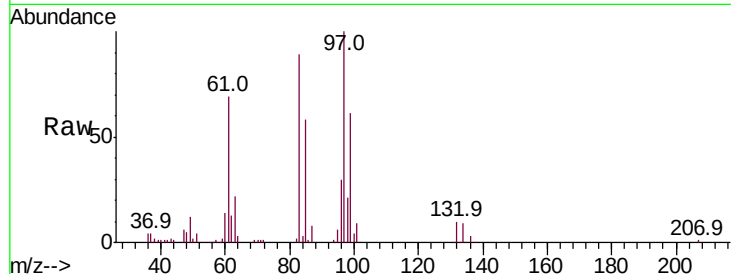
#55
 1,1,2-Trichloroethane
 Concen: 19.918 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW011517.D
 Acq: 26 Jul 2019 15:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0727SBS01

Tot Ion	97	Resp	43581
Ion	Ratio	Lower	Upper
97	100		
83	88.9	70.5	105.7
85	57.6	45.8	68.6
99	60.7	51.0	76.4

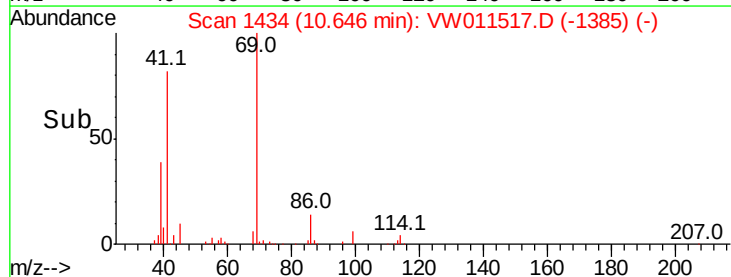
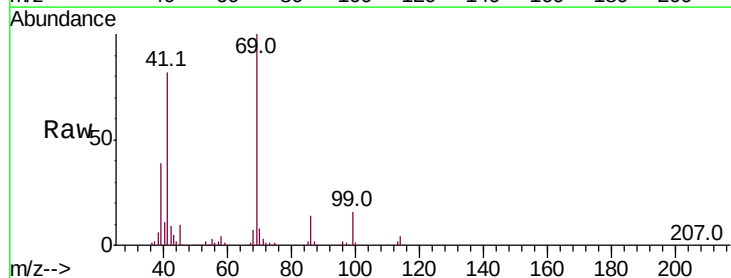
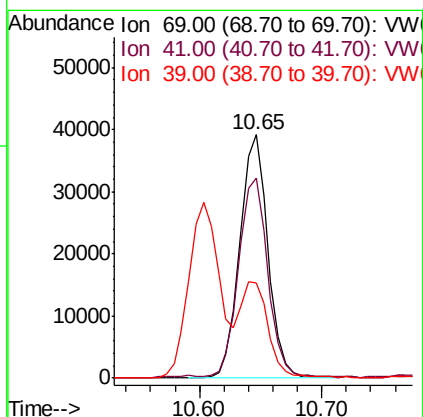
Manual Integrations
 APPROVED

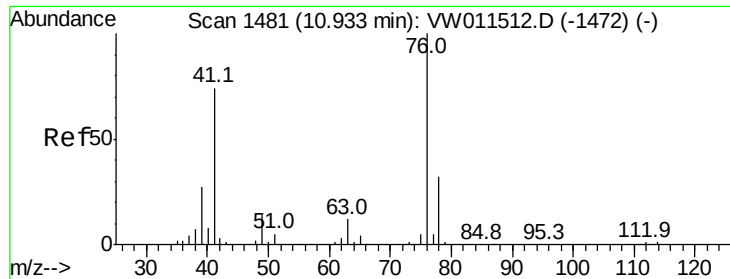
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#56
 Ethyl methacrylate
 Concen: 19.564 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW011517.D
 Acq: 26 Jul 2019 15:49

Tgt Ion	69	Resp	62637
Ion	Ratio	Lower	Upper
69	100		
41	84.2	66.6	99.8
39	37.6	30.3	45.5





#57

1,3-Dichloropropane

Concen: 20.334 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Instrument :
MSVOA_W

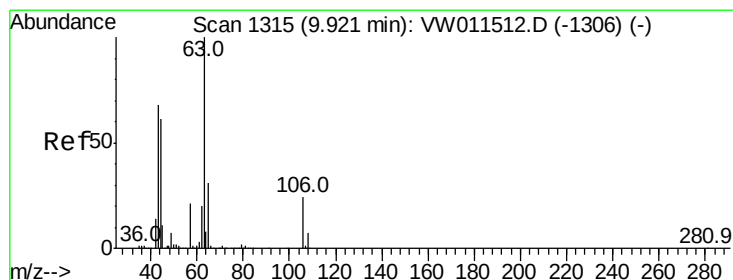
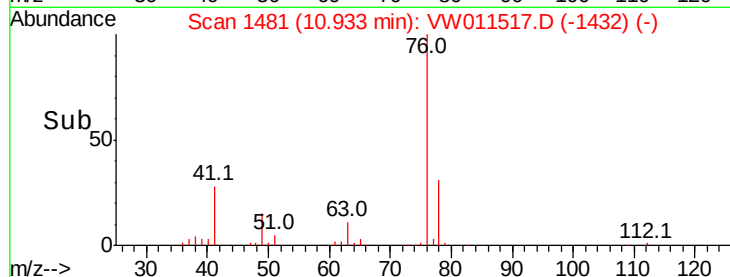
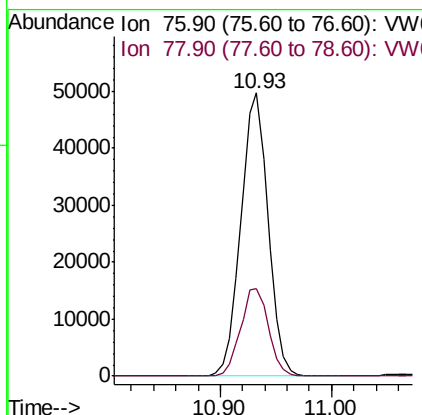
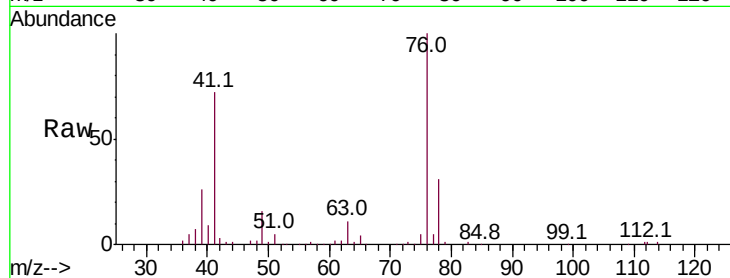
ClientSampleId :
VW0727SBS01

Tot Ion: 76 Resp: 84173

Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.2	37.8

Manual Integrations
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MMDadoda
7/29/2019 9:18:54 AM



#58

2-Chloroethyl Vinyl ether

Concen: 115.435 ug/l

RT: 9.92 min Scan# 1315

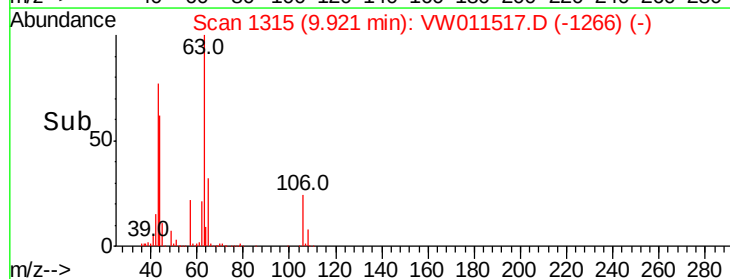
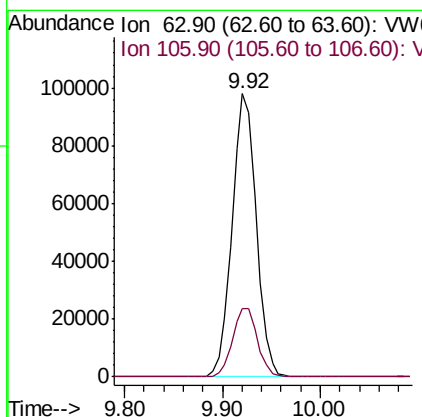
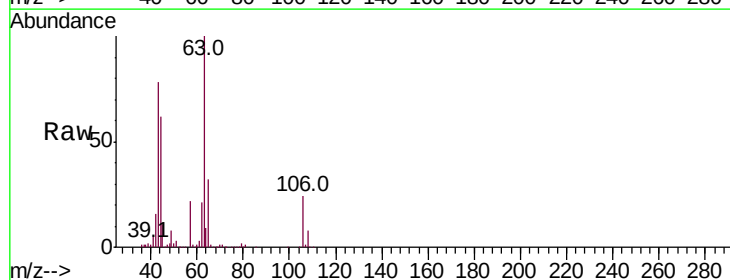
Delta R.T. -0.00 min

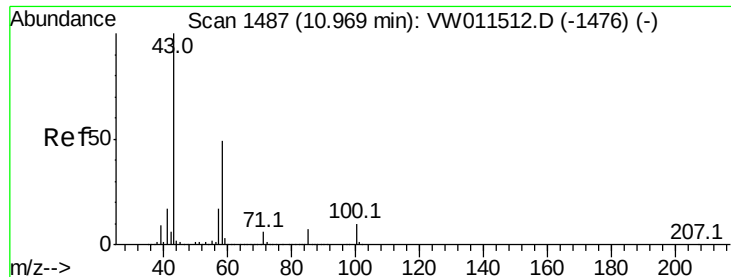
Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Tgt Ion: 63 Resp: 167809

Ion	Ratio	Lower	Upper
63	100		
106	24.8	19.7	29.5





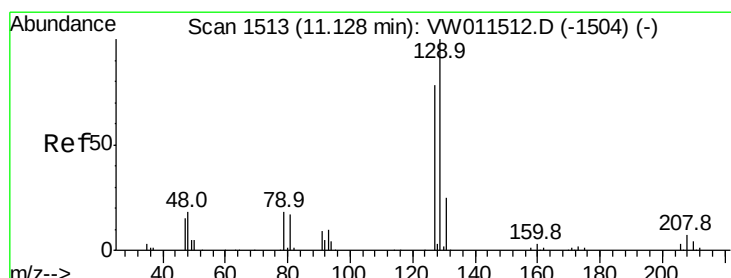
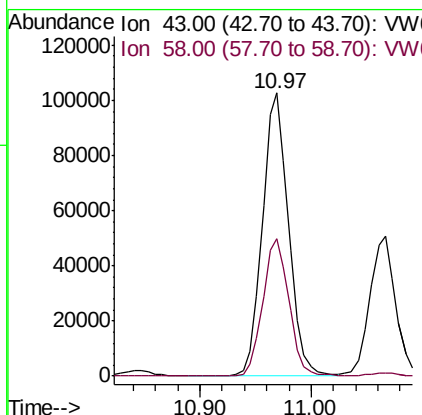
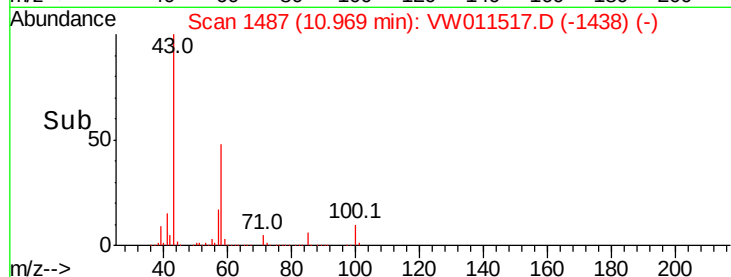
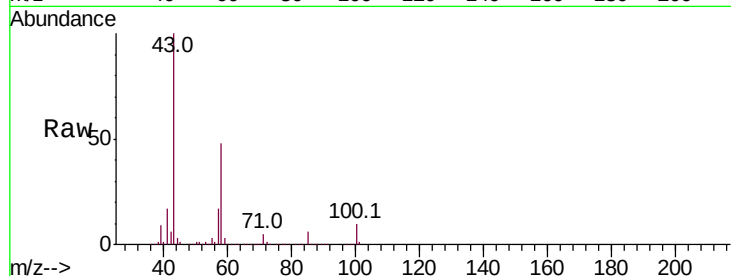
#59
2-Hexanone
Concen: 96.157 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Instrument :
MSVOA_W
ClientSampleId :
VW0727SBS01

Tot Ion: 43 Resp: 168445
Ion Ratio Lower Upper
43 100
58 48.5 24.3 72.9

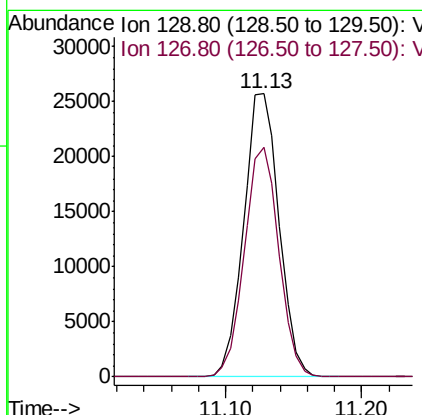
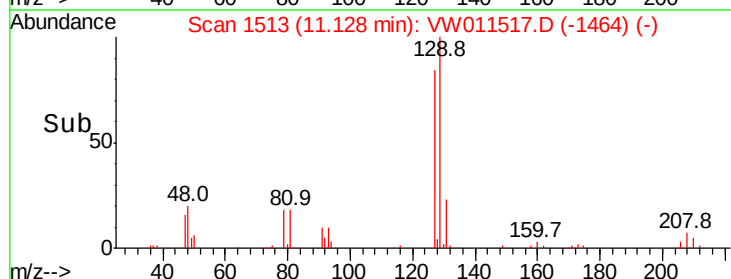
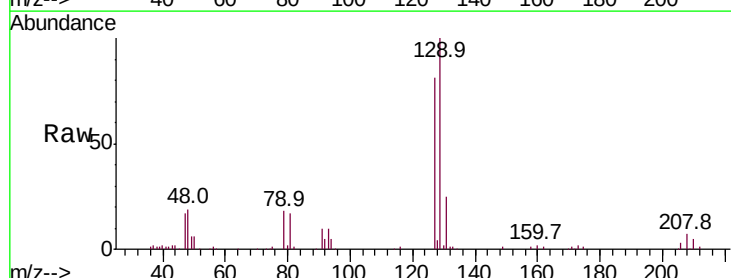
Manual Integrations
APPROVED

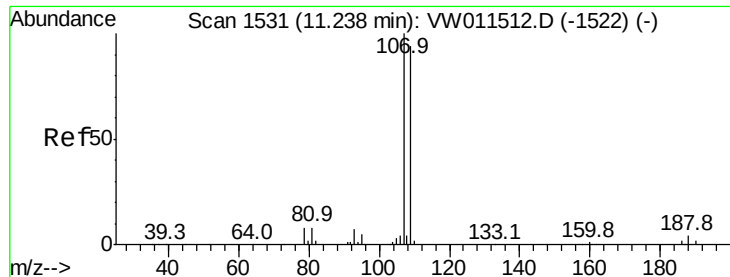
MMDadoda
7/29/2019 9:18:54 AM



#60
Dibromochloromethane
Concen: 19.301 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Tgt Ion: 129 Resp: 46877
Ion Ratio Lower Upper
129 100
127 79.0 38.9 116.7





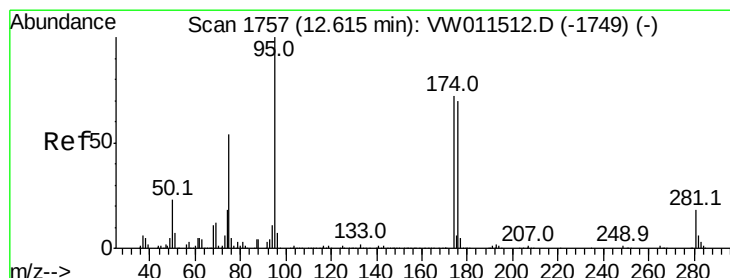
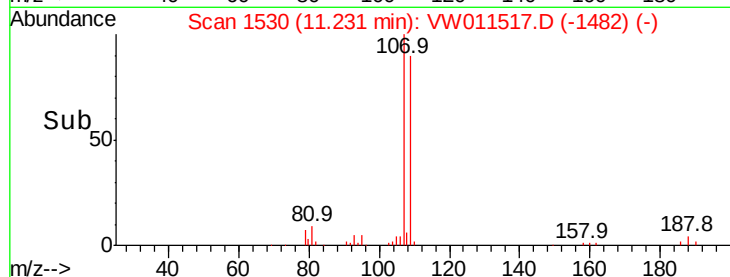
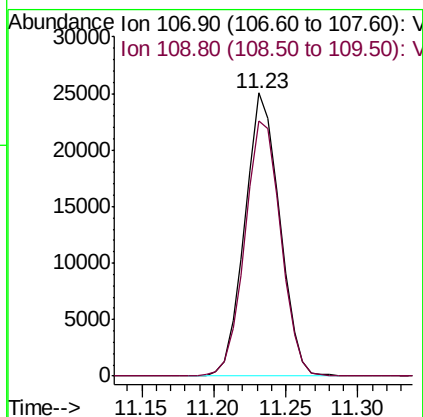
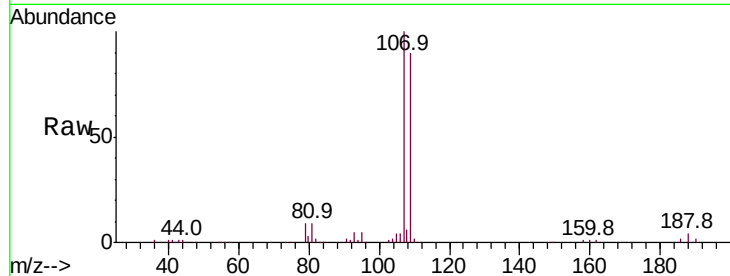
#61
 1,2-Dibromoethane
 Concen: 20.195 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW011517.D
 Acq: 26 Jul 2019 15:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0727SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.8	75.0	112.6

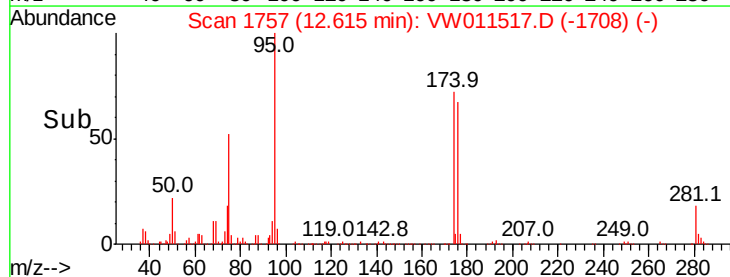
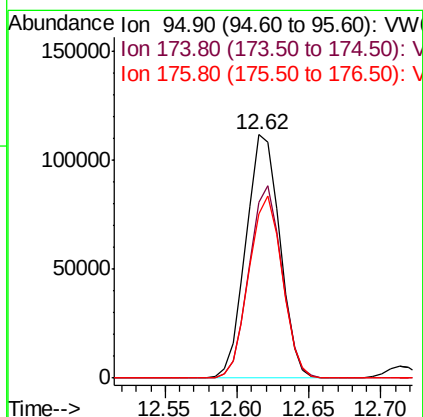
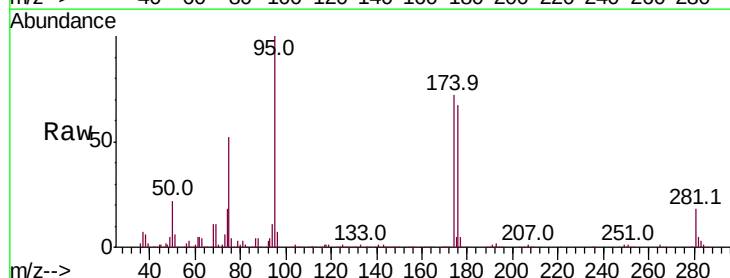
Manual Integrations
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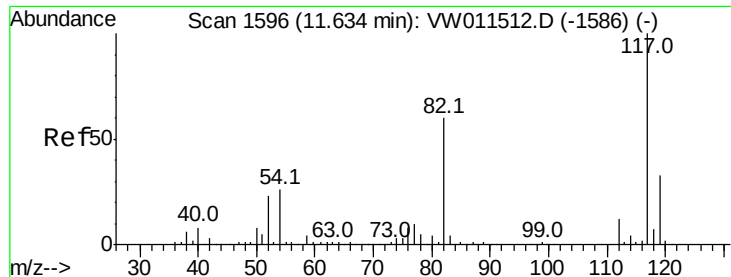
MMDadoda
 7/29/2019 9:18:54 AM



#62
 4-Bromofluorobenzene
 Concen: 51.443 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW011517.D
 Acq: 26 Jul 2019 15:49

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.2	0.0	150.2
176	73.6	0.0	144.4





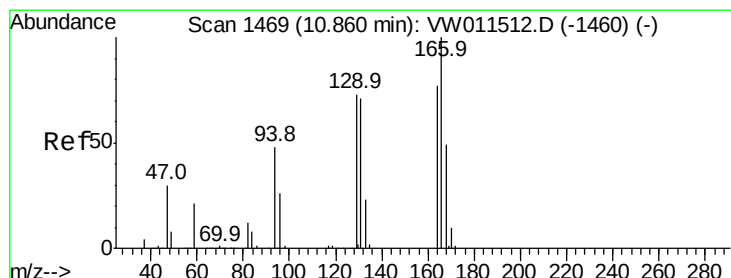
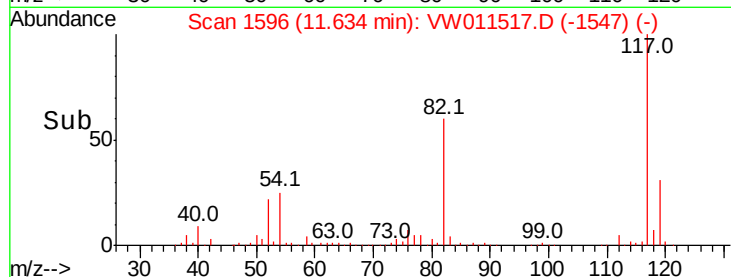
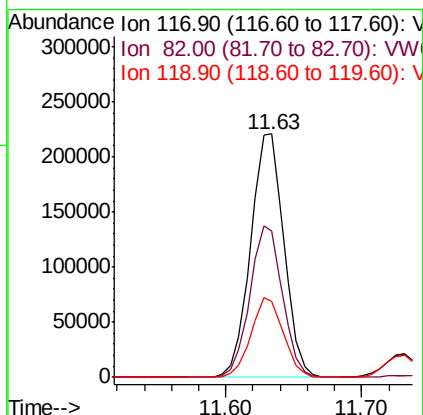
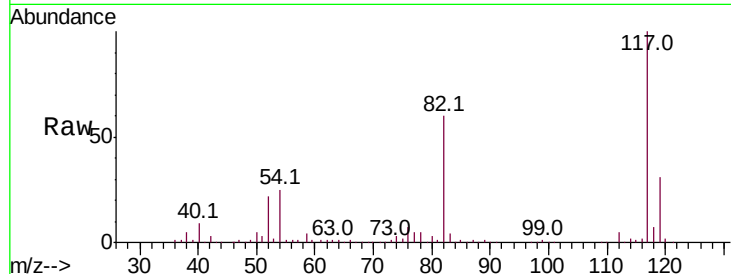
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Instrument :
MSVOA_W
ClientSampleId :
VW0727SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.3	47.9	71.9
119	31.2	26.2	39.2

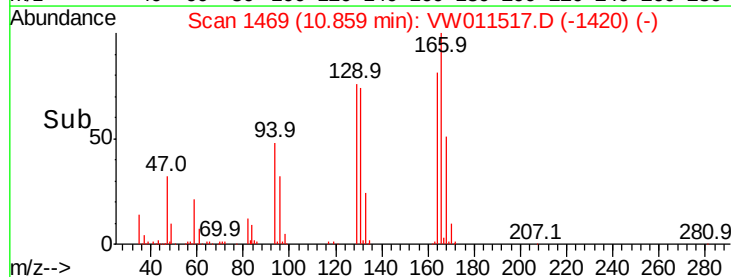
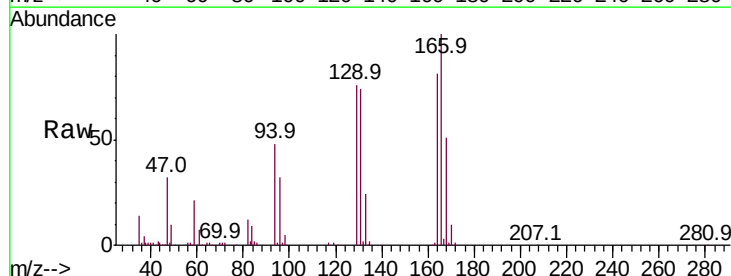
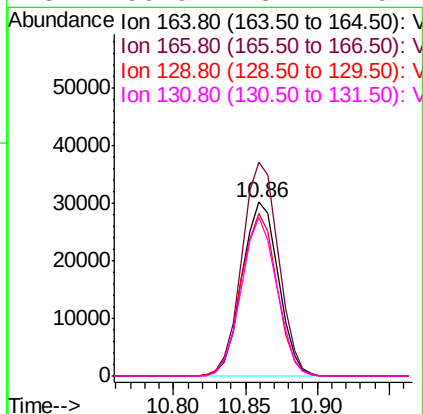
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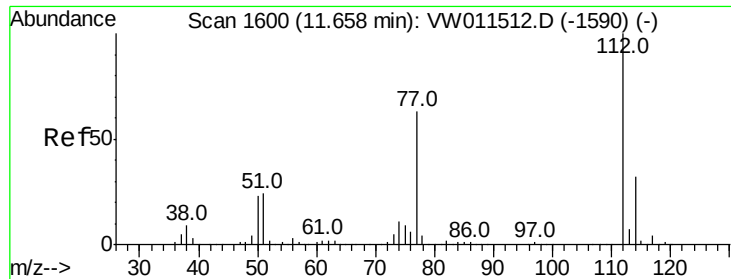
MMDadoda
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#64
Tetrachloroethene
Concen: 21.387 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.8	103.5	155.3
129	93.7	75.2	112.8
131	90.9	73.4	110.2





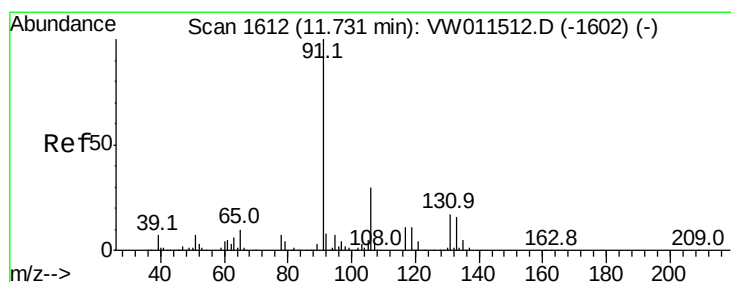
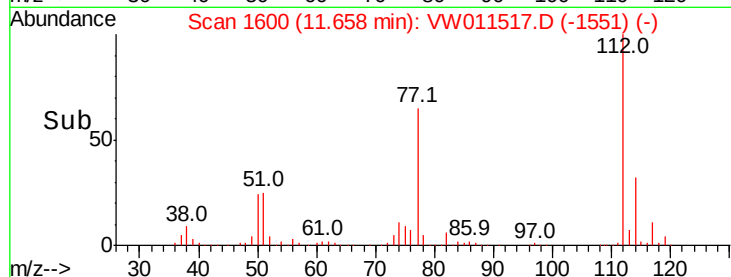
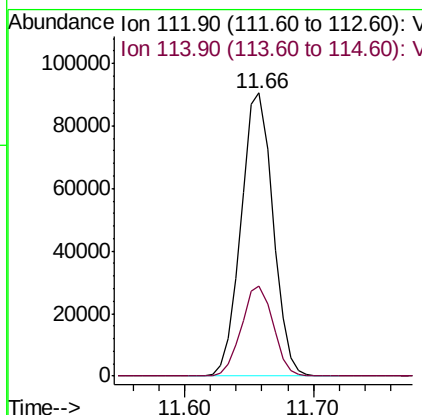
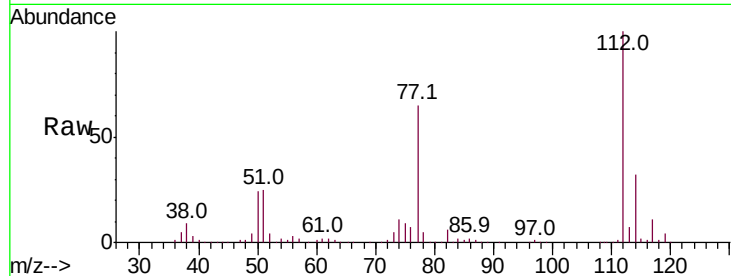
#65
Chlorobenzene
Concen: 20.283 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Instrument :
MSVOA_W
ClientSampleId :
VW0727SBS01

Tot Ion:112 Resp: 154717
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4

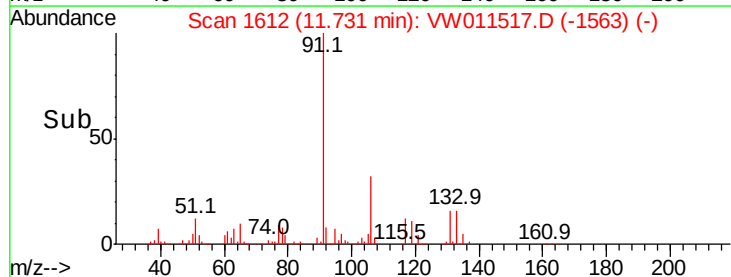
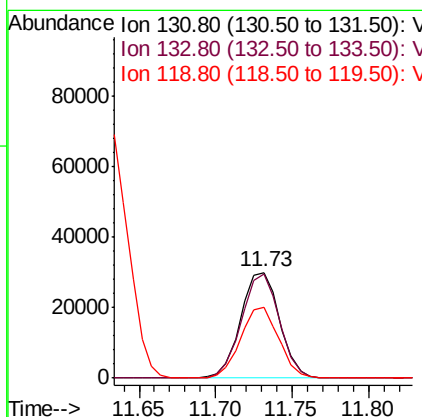
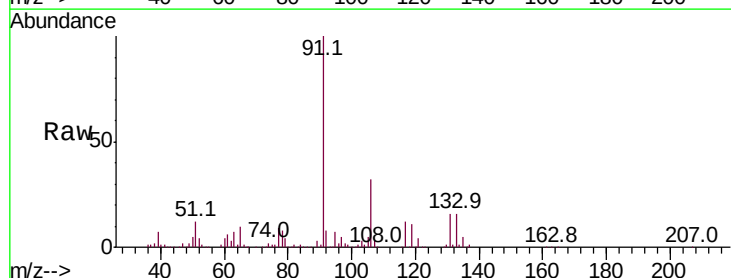
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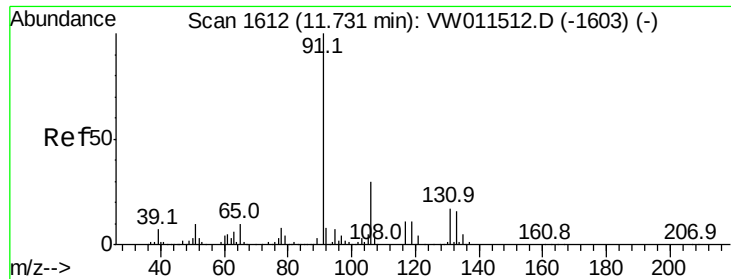
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.949 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Tgt Ion:131 Resp: 53005
Ion Ratio Lower Upper
131 100
133 95.9 47.4 142.2
119 65.8 32.3 96.9





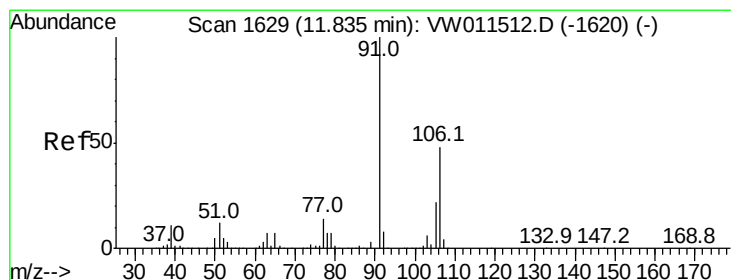
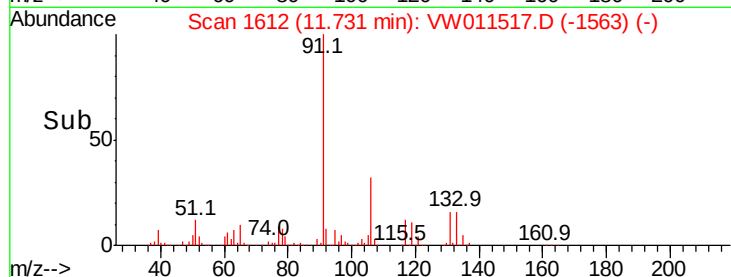
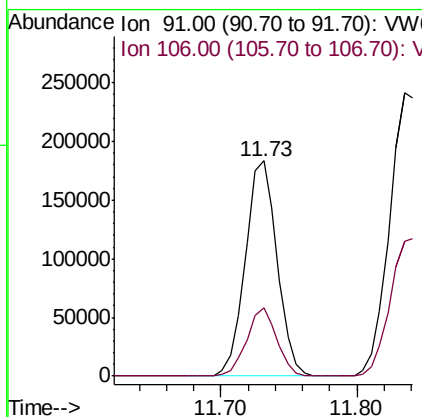
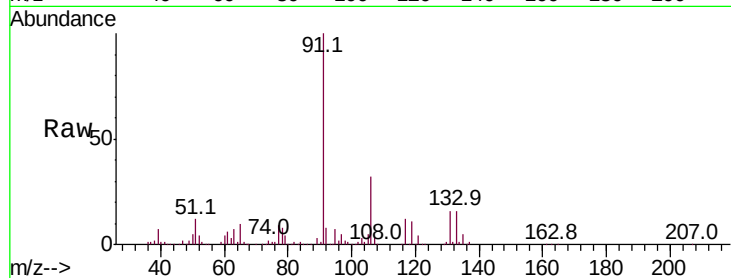
#67
Ethyl Benzene
Concen: 20.630 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Instrument :
MSVOA_W
ClientSampleId :
VW0727SBS01

Tot Ion	91	Resp	299706
Ion Ratio	100	Lower	Upper
106	31.9	23.8	35.6

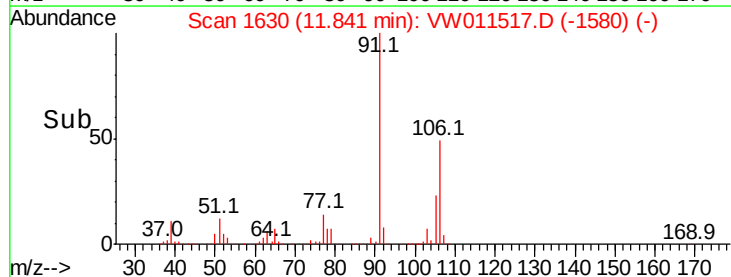
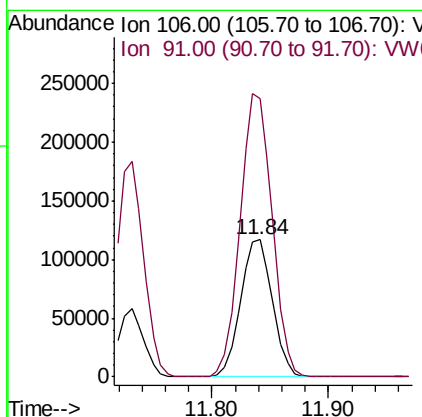
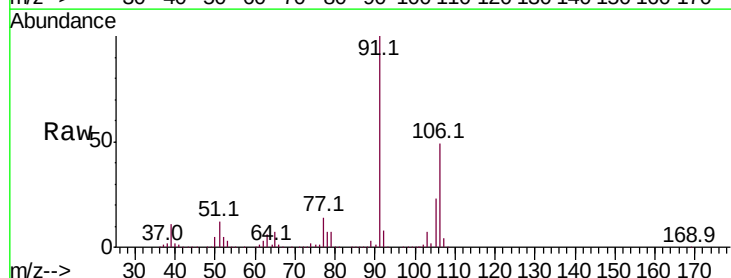
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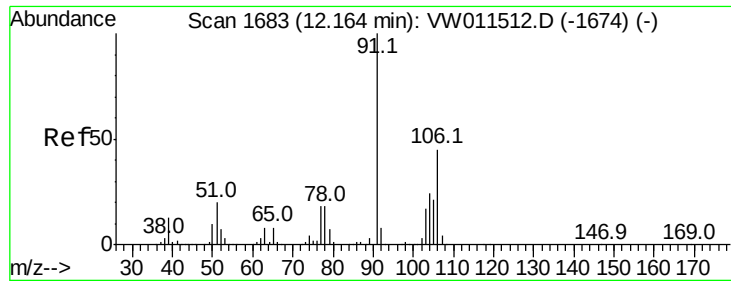
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#68
m/p-Xylenes
Concen: 42.021 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Tgt Ion	106	Resp	222015
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
91	207.6	168.2	252.2





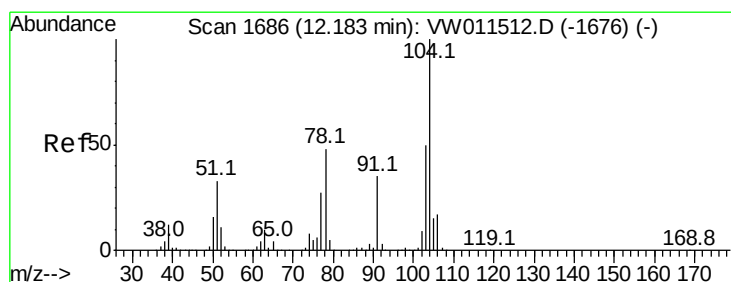
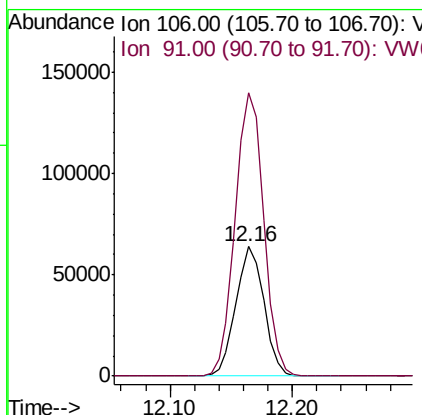
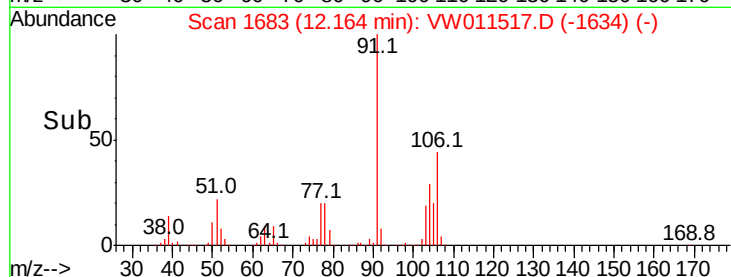
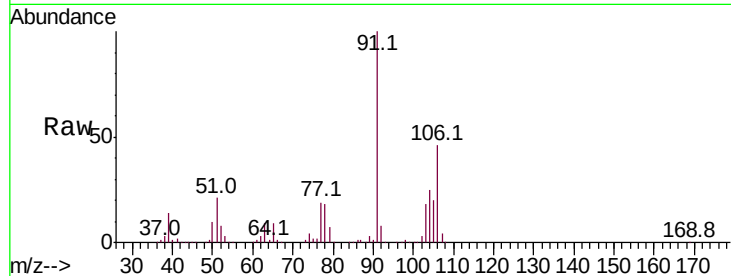
#69
o-Xylene
Concen: 20.653 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Instrument :
MSVOA_W
ClientSampleId :
VW0727SBS01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	101399		
91	222.6	110.5	331.5	

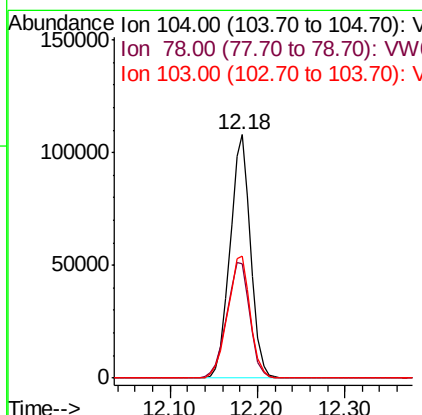
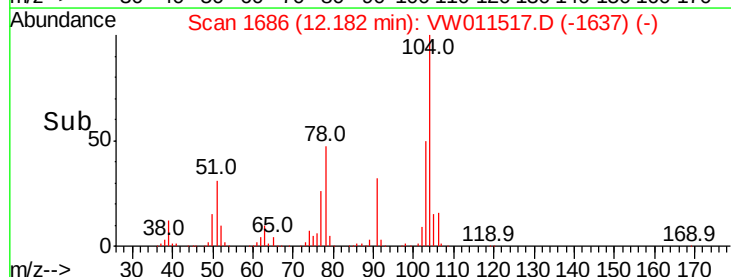
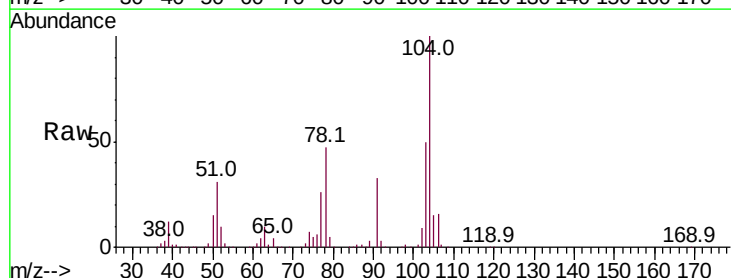
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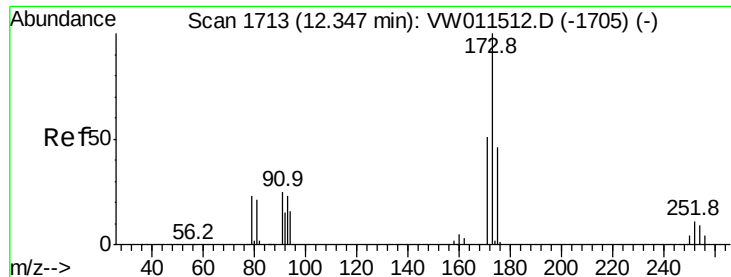
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#70
Styrene
Concen: 20.745 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	176099		
78	53.4	43.4	65.0	
103	54.8	43.9	65.9	





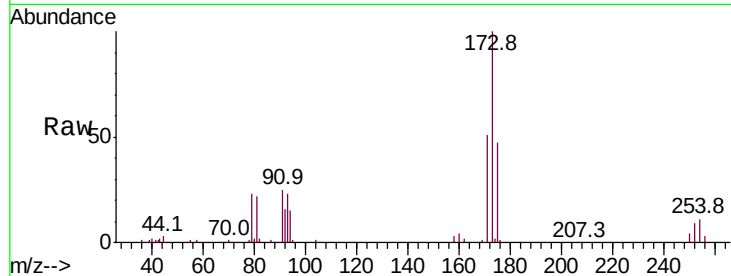
#71
Bromoform
Concen: 19.368 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Instrument :
MSVOA_W
ClientSampleId :
VW0727SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	46.5	23.6	71.0
254	0.2	0.1	0.1#

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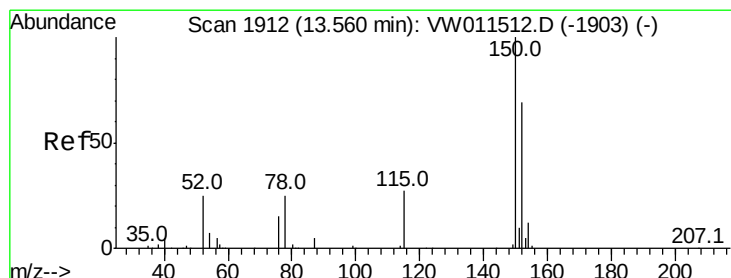
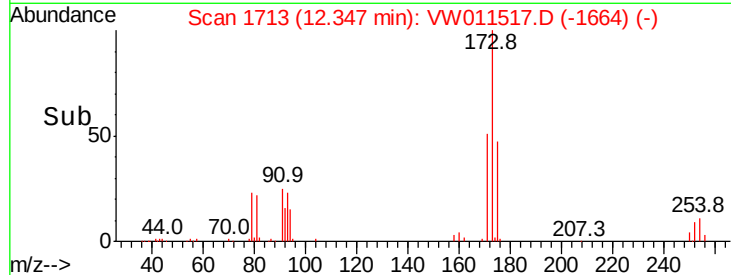
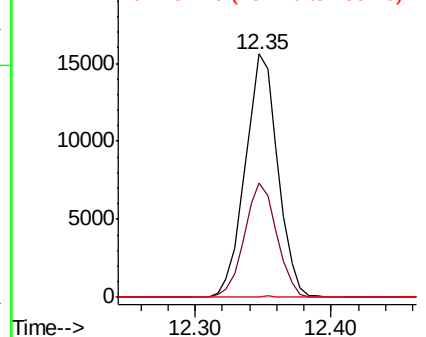


Abundance

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: VW011517.D
Acq: 26 Jul 2019 15:49

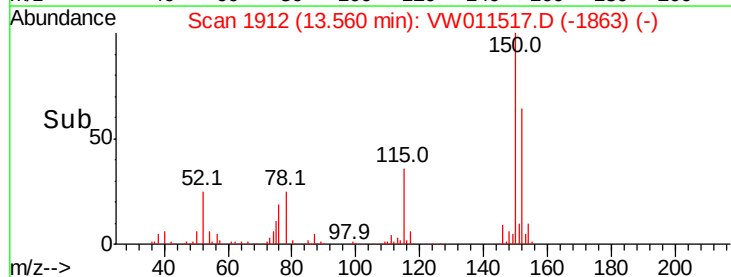
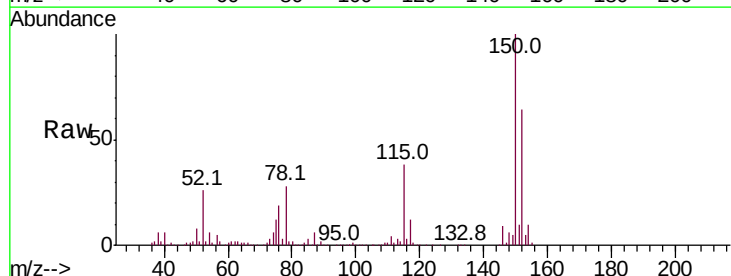
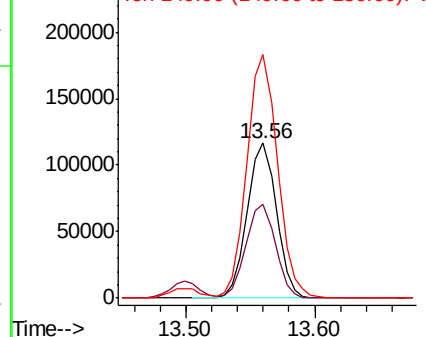
Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.0	30.5	91.5
150	163.8	0.0	352.6

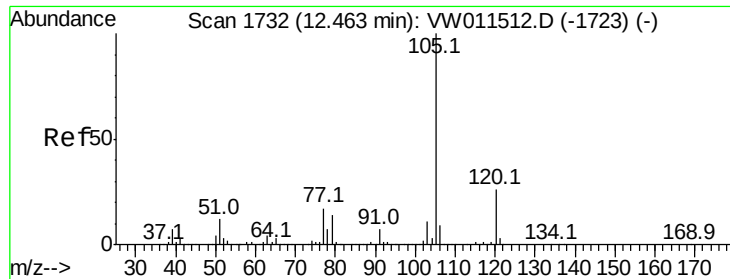
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.893 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Instrument :

MSVOA_W

ClientSampleId :

VW0727SBS01

Tot Ion:105 Resp: 286067

Ion Ratio Lower Upper

105 100

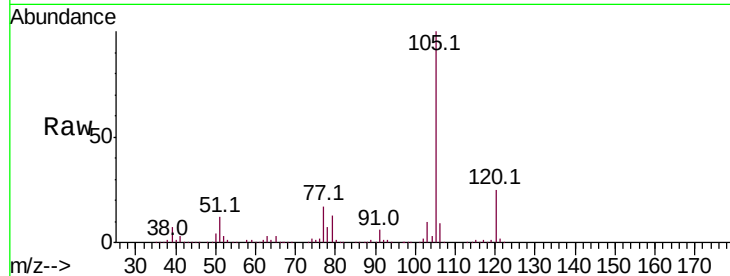
120 25.8 12.9 38.7

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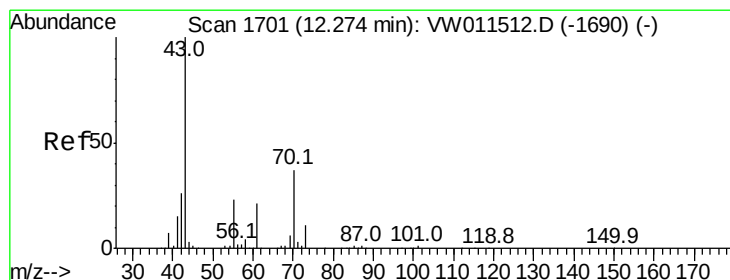
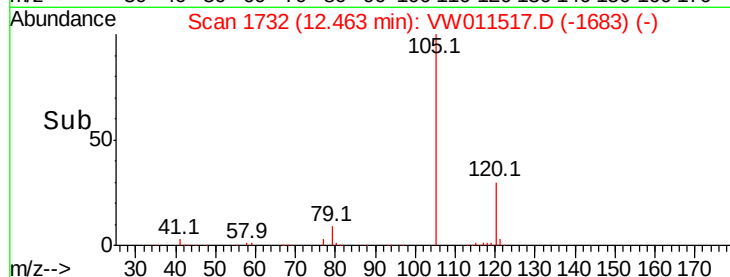
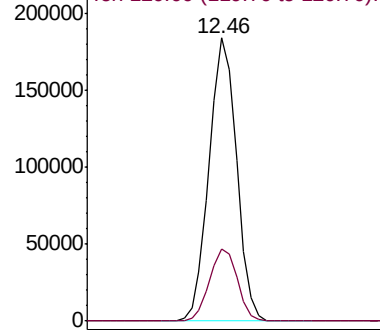
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.618 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Tgt Ion: 43 Resp: 84098

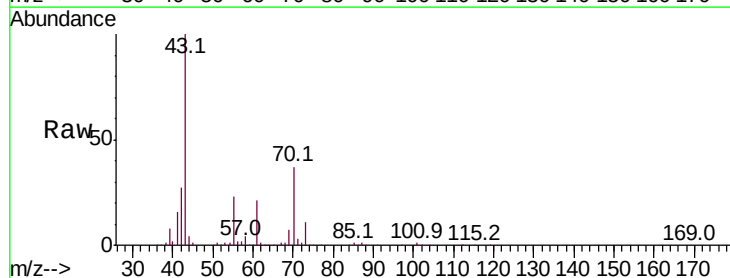
Ion Ratio Lower Upper

43 100

70 36.7 28.6 43.0

55 23.8 17.8 26.8

61 21.5 17.0 25.6

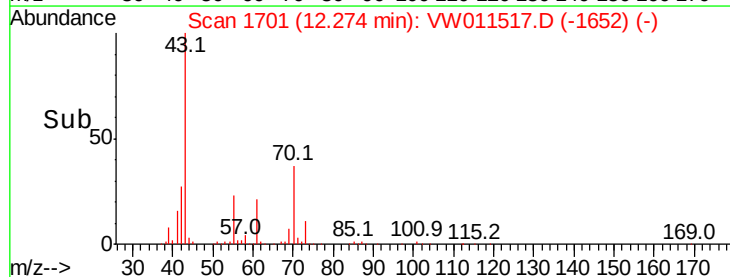
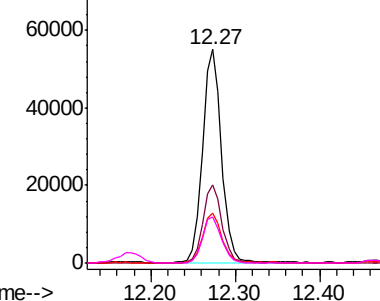


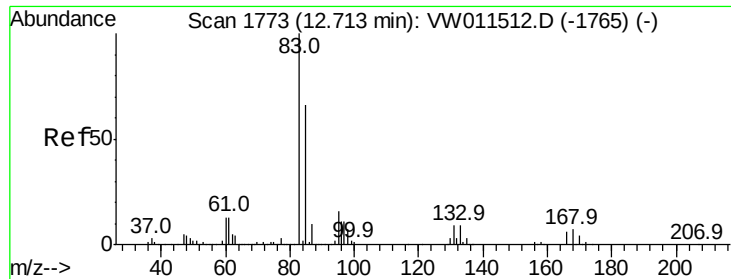
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 20.470 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Instrument :

MSVOA_W

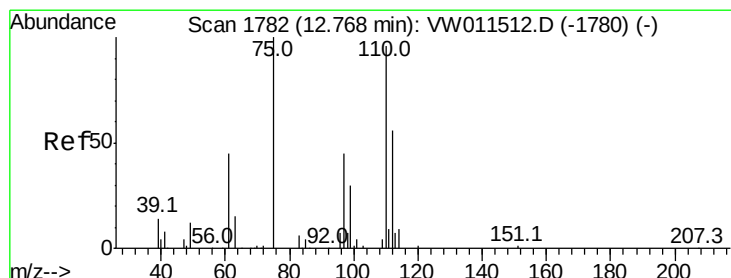
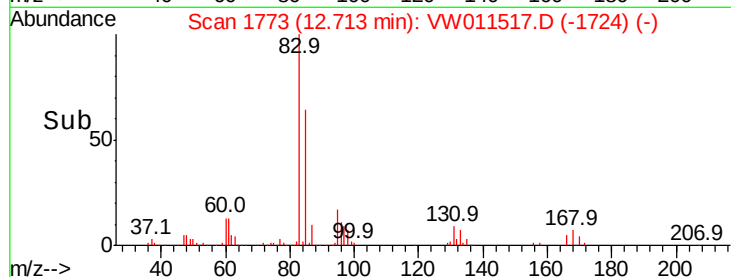
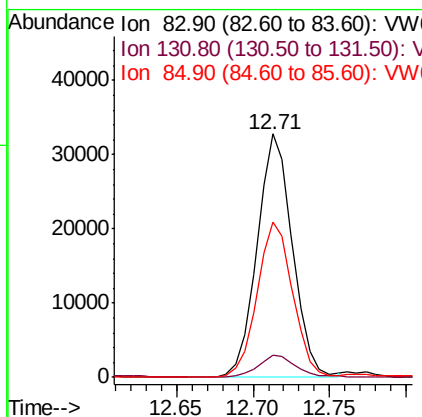
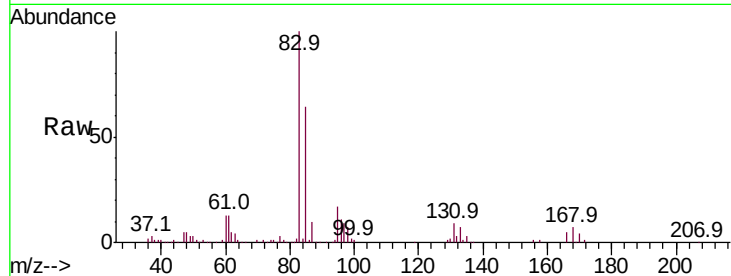
ClientSampleId :

VW0727SBS01

Tot Ion:	83	Resp:	52722
Ion Ratio	Lower	Upper	
83	100		
131	10.0	4.9	14.6
85	64.1	31.8	95.4

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#76

1,2,3-Trichloropropane

Concen: 19.027 ug/l m

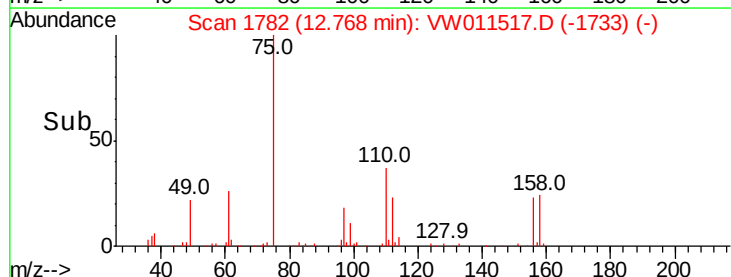
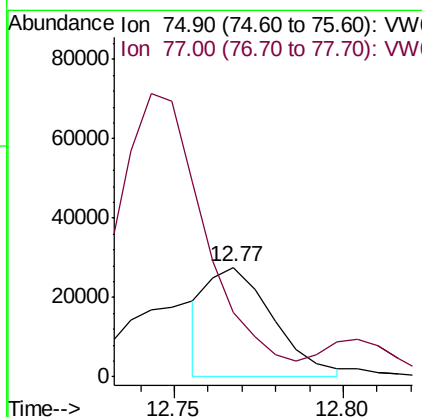
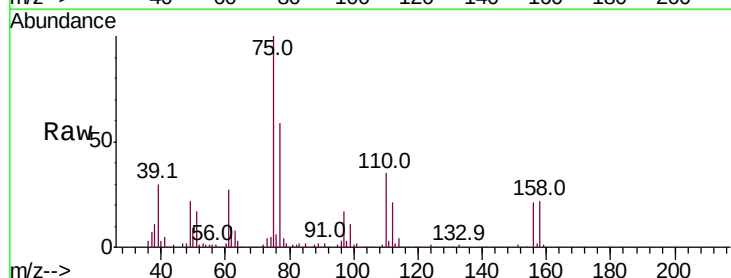
RT: 12.77 min Scan# 1782

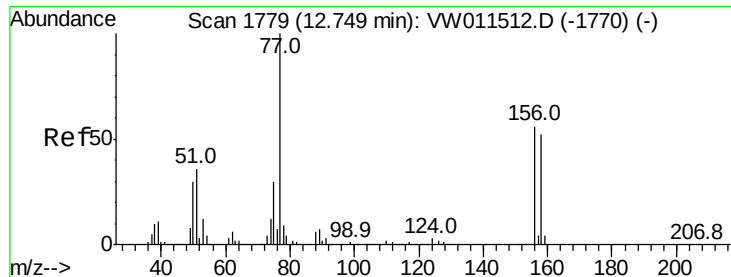
Delta R.T. -0.00 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Tgt Ion:	75	Resp:	36951
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.581 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Instrument :

MSVOA_W

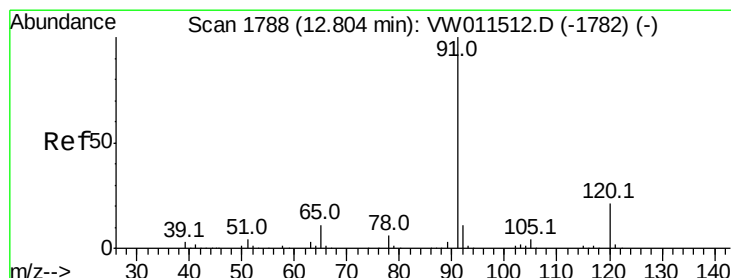
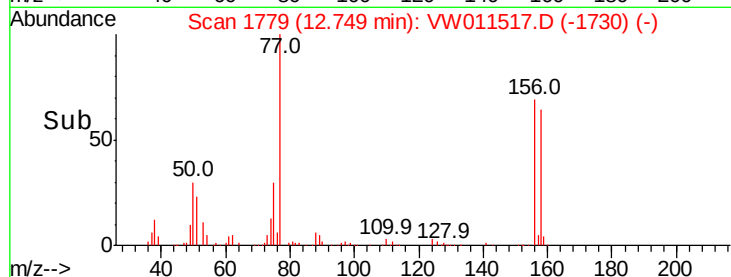
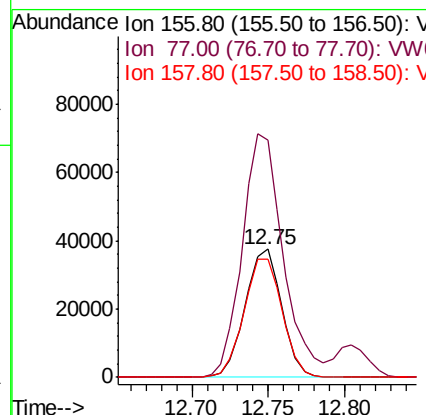
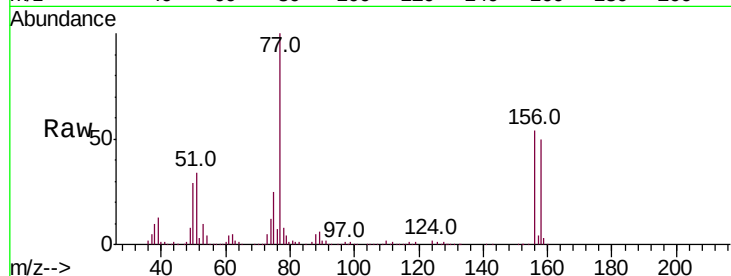
ClientSampleId :

VW0727SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	212.6	106.5	319.4
158	96.9	48.0	144.2

Manual Integrations
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#78

n-propylbenzene

Concen: 21.107 ug/l

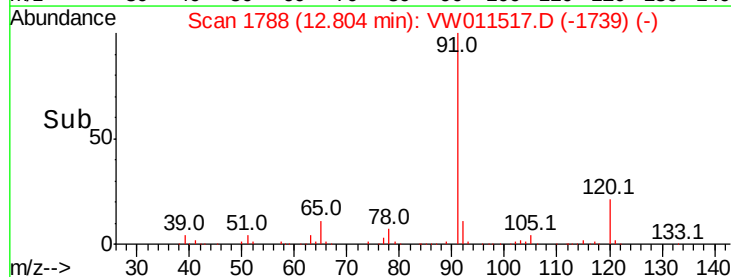
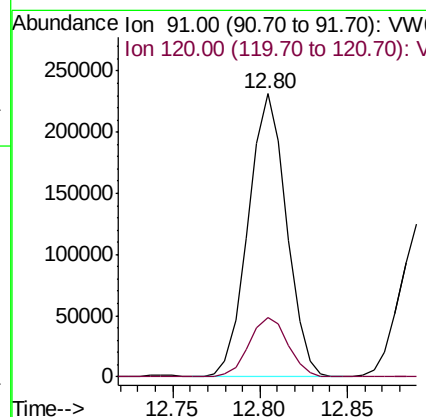
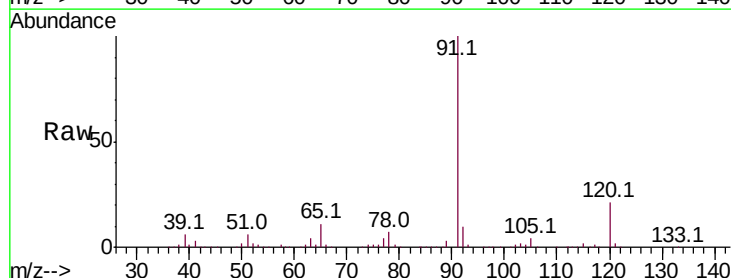
RT: 12.80 min Scan# 1788

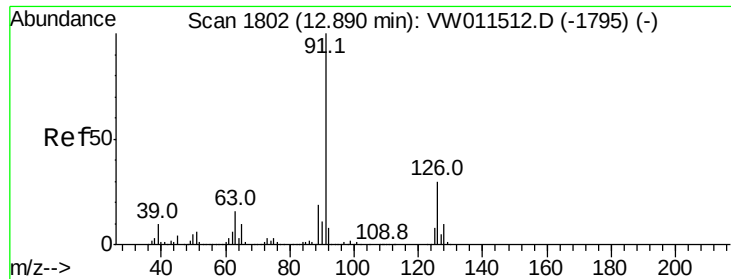
Delta R.T. -0.00 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.6	10.9	32.7





#79

2-Chlorotoluene

Concen: 20.885 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Instrument :

MSVOA_W

ClientSampleId :

VW0727SBS01

Tot Ion: 91 Resp: 200499

Ion Ratio Lower Upper

91 100

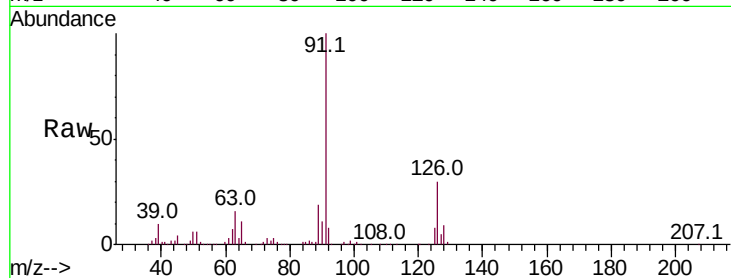
126 30.9 15.7 47.1

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

200000

150000

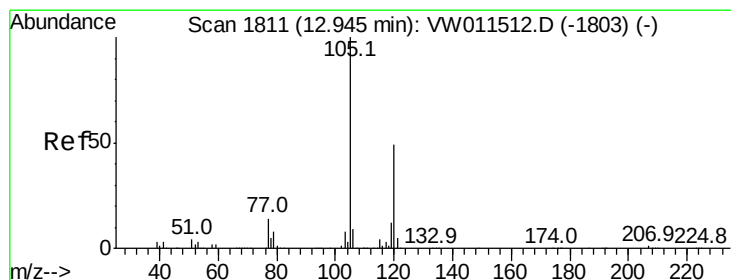
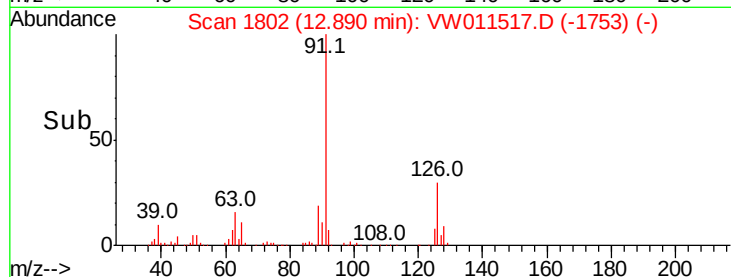
100000

50000

0

12.85 12.90

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 21.173 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW011517.D

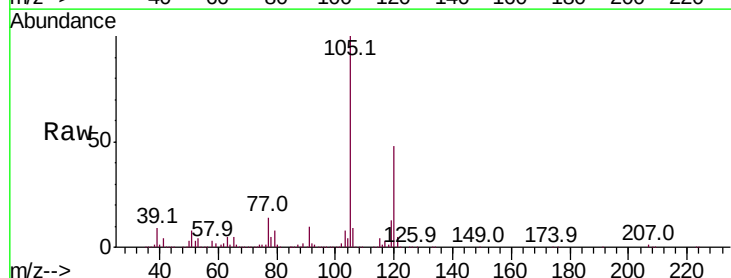
Acq: 26 Jul 2019 15:49

Tgt Ion: 105 Resp: 243020

Ion Ratio Lower Upper

105 100

120 47.6 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

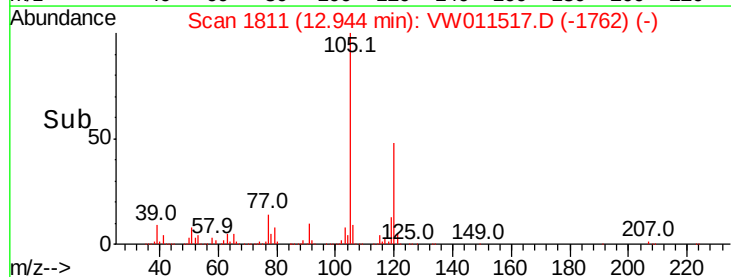
100000

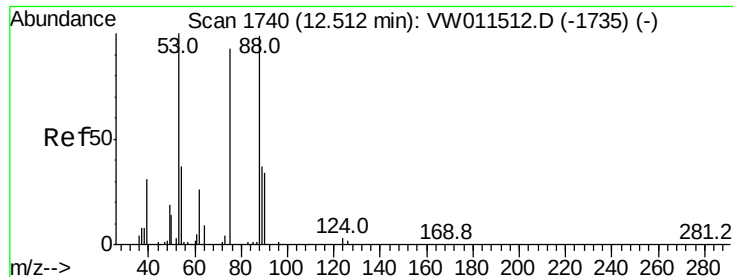
50000

0

12.90 13.00

Time-->





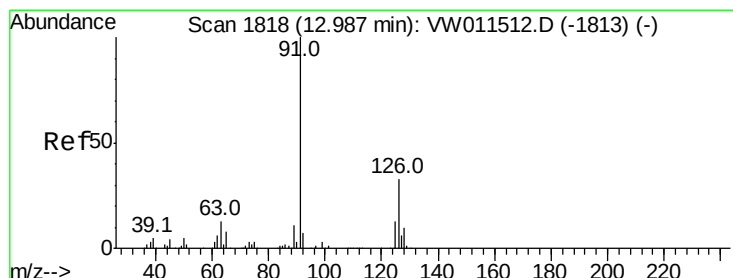
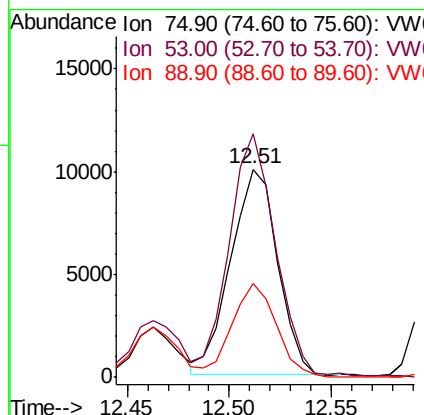
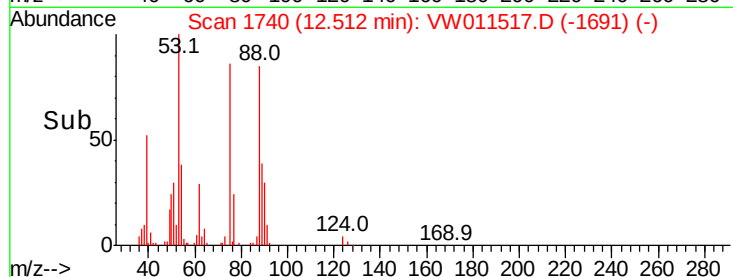
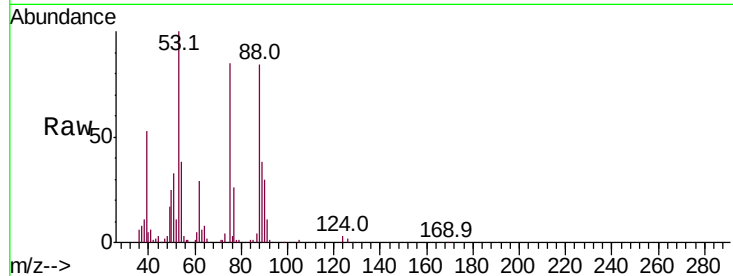
#81
trans-1,4-Dichloro-2-butene
Concen: 18.986 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Instrument :
MSVOA_W
ClientSampleId :
VW0727SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	116.5	88.0	132.0
89	42.7	35.3	52.9

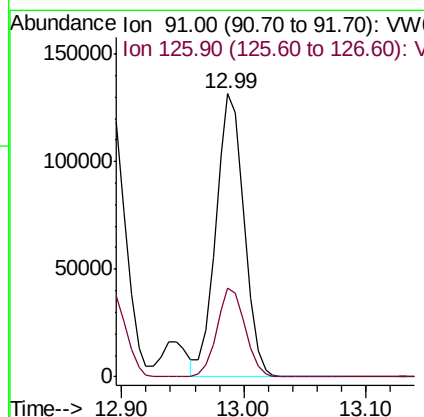
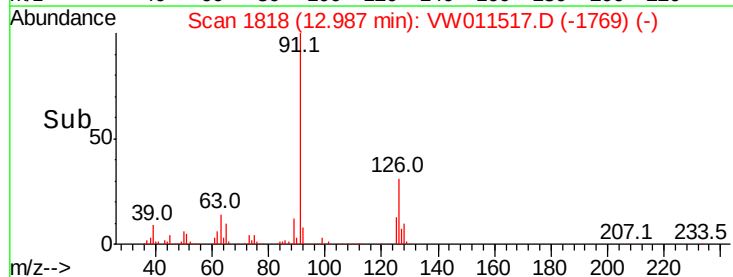
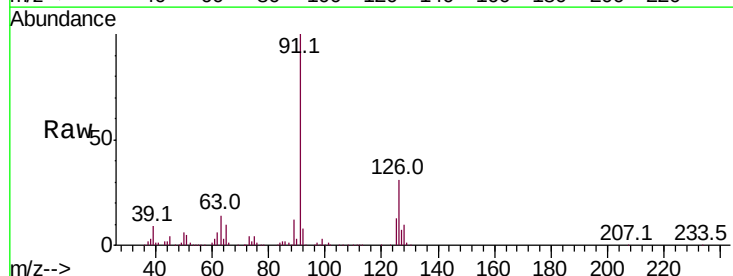
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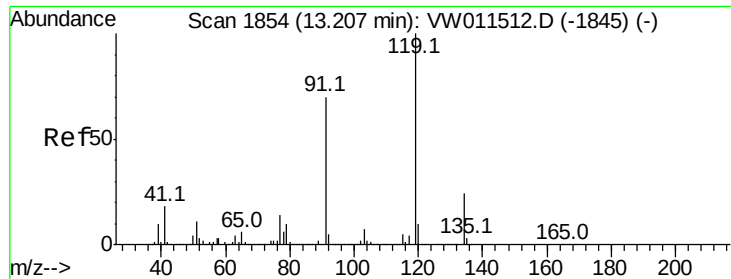
MMDadoda
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#82
4-Chlorotoluene
Concen: 20.907 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.5	15.6	46.8





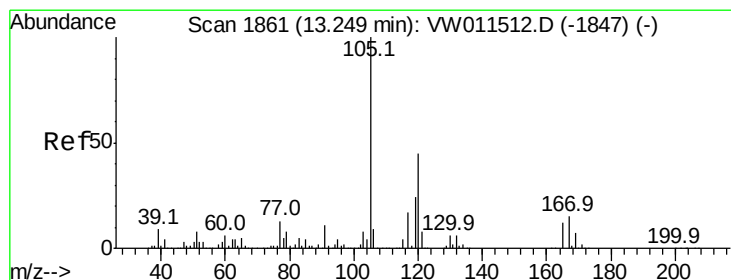
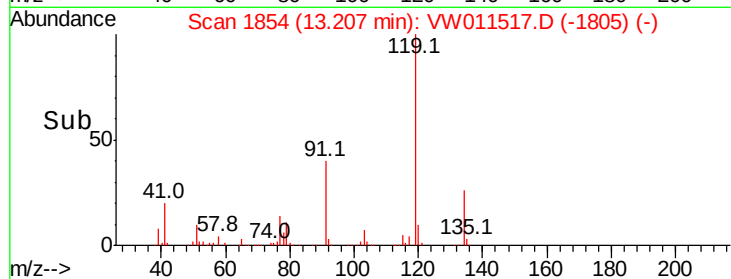
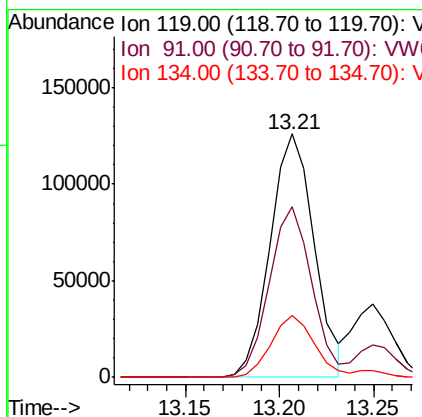
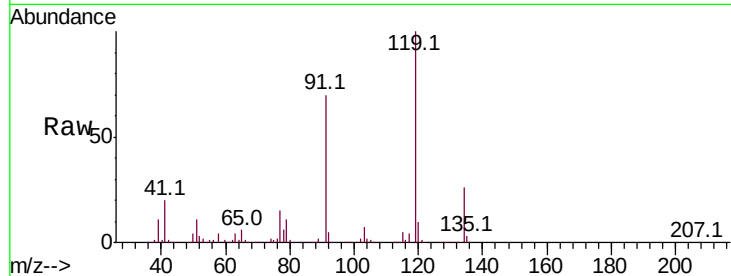
#83
 tert-Butylbenzene
 Concen: 21.249 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW011517.D
 Acq: 26 Jul 2019 15:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0727SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	203946		
91	68.0	34.5	103.6	
134	25.2	12.4	37.4	

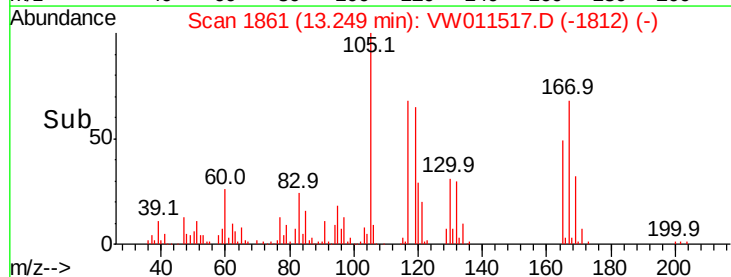
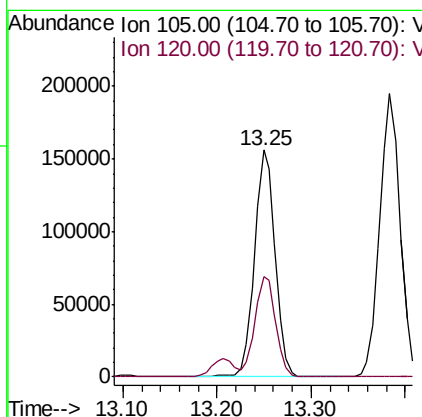
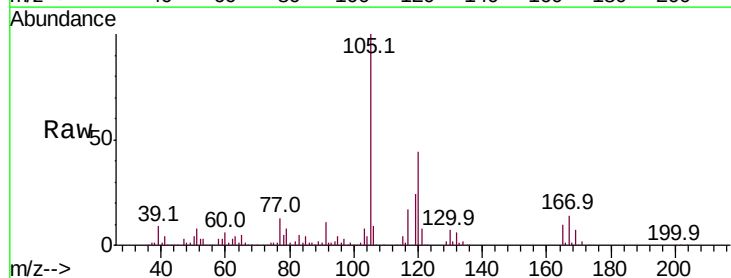
Manual Integrations
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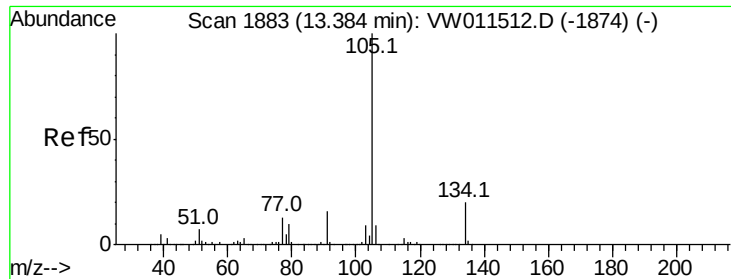
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.849 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW011517.D
 Acq: 26 Jul 2019 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	241060		
120	44.5	22.1	66.5	





#85

sec-Butylbenzene

Concen: 21.399 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Instrument :

MSVOA_W

ClientSampleId :

VW0727SBS01

Tot Ion:105 Resp: 293068

Ion Ratio Lower Upper

105 100

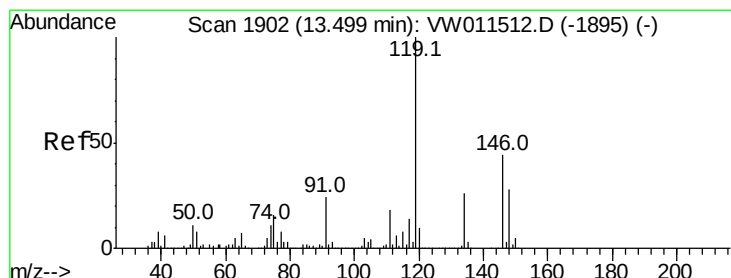
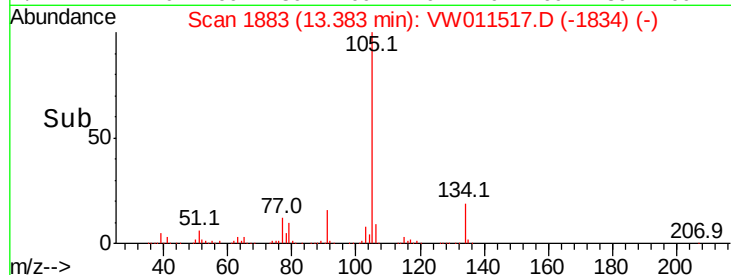
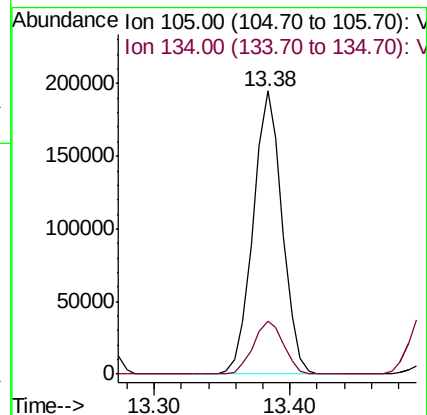
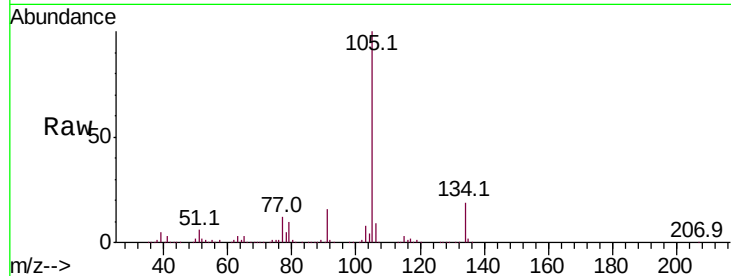
134 19.6 9.7 29.1

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#86

p-Isopropyltoluene

Concen: 21.060 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

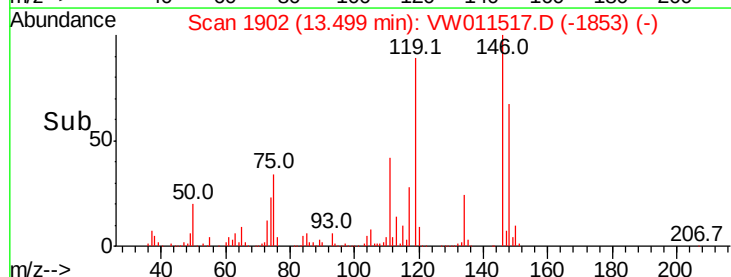
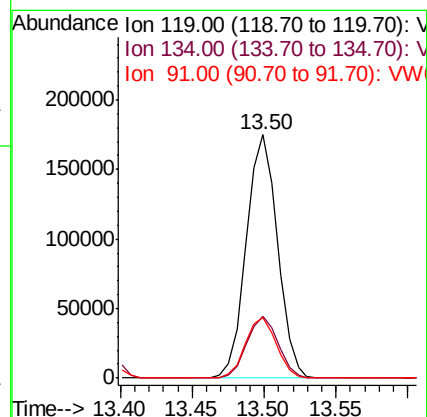
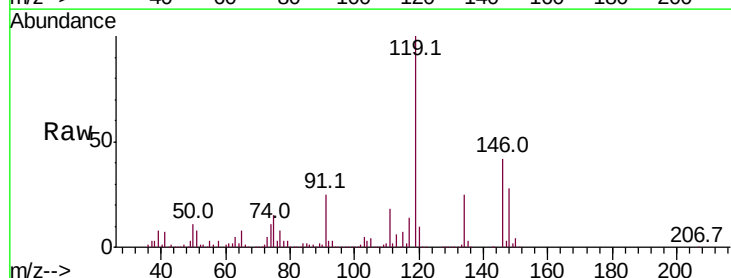
Tgt Ion:119 Resp: 261691

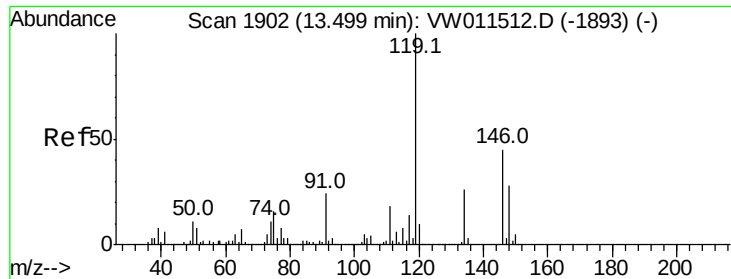
Ion Ratio Lower Upper

119 100

134 25.4 12.8 38.4

91 24.6 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 20.469 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Instrument :

MSVOA_W

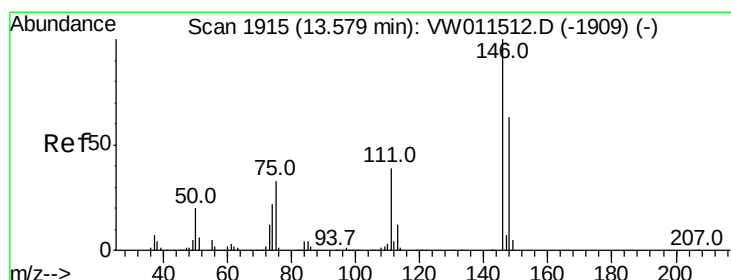
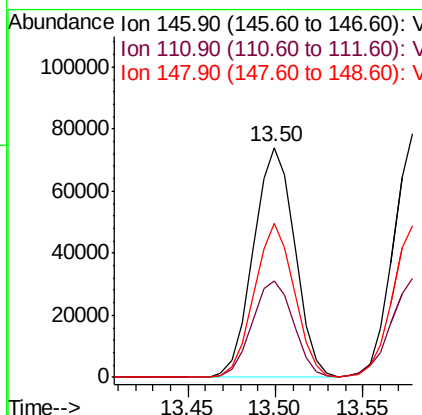
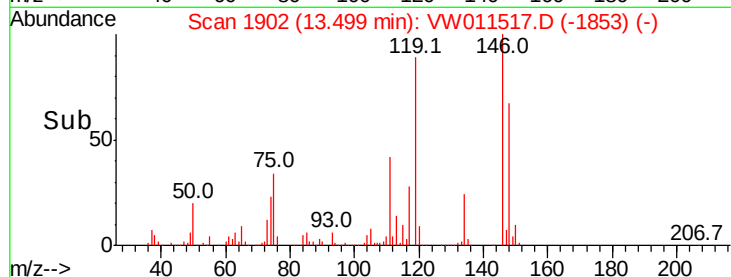
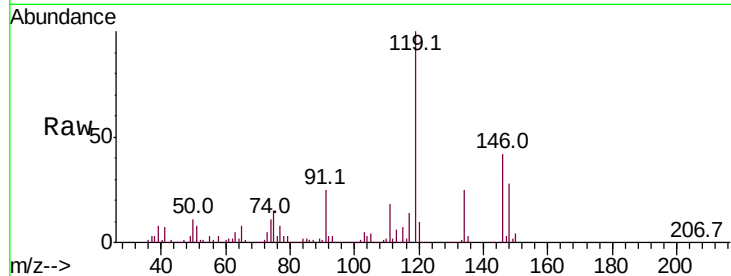
ClientSampleId :

VW0727SBS01

Tot Ion:	146	Resp:	121465
Ion Ratio	Lower	Upper	
146	100		
111	42.1	20.5	61.6
148	64.8	31.8	95.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 20.689 ug/l

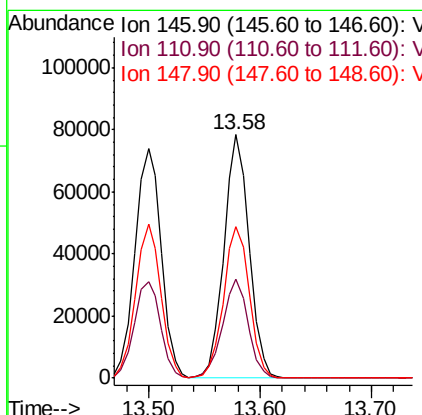
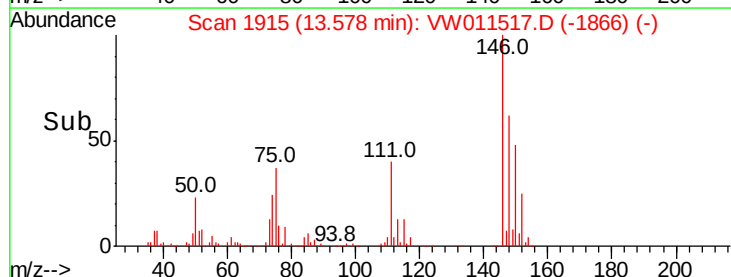
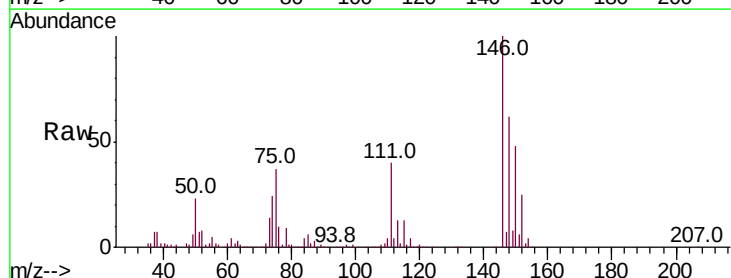
RT: 13.58 min Scan# 1915

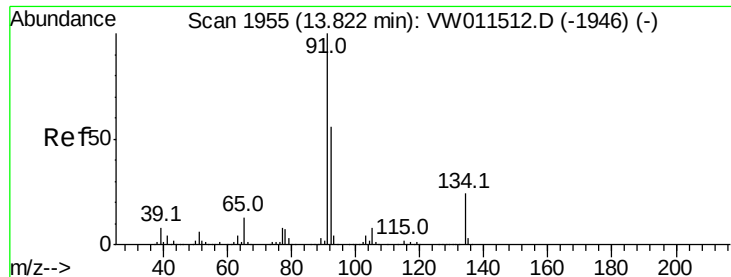
Delta R.T. -0.00 min

Lab File: VW011517.D

Acq: 26 Jul 2019 15:49

Tgt Ion:	146	Resp:	122131
Ion Ratio	Lower	Upper	
146	100		
111	41.7	20.1	60.2
148	64.1	31.9	95.9





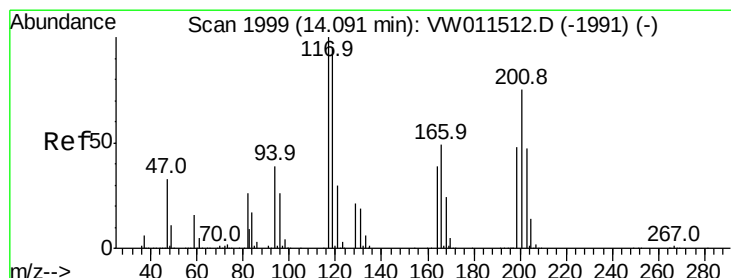
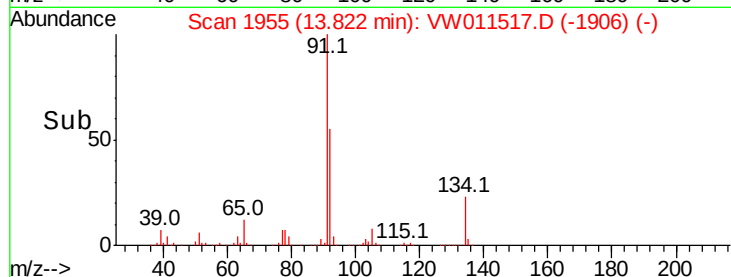
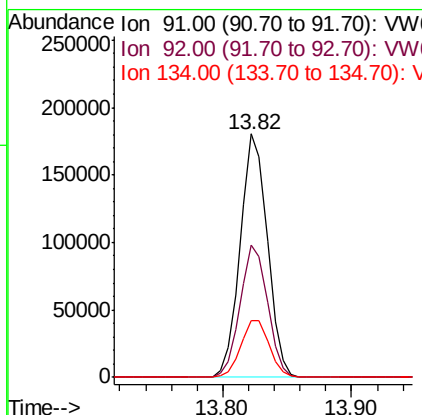
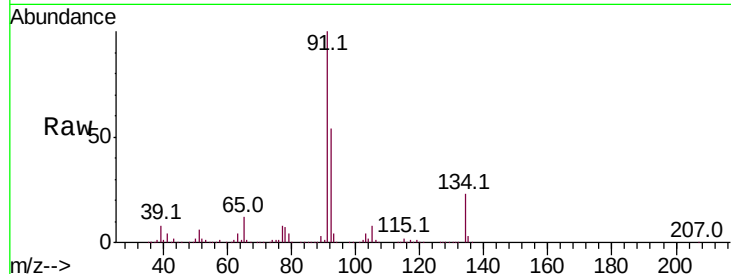
#89
n-Butylbenzene
Concen: 21.231 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Instrument :
MSVOA_W
ClientSampleId :
VW0727SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	263271		
92	54.9		27.5	82.4
134	24.6		12.2	36.6

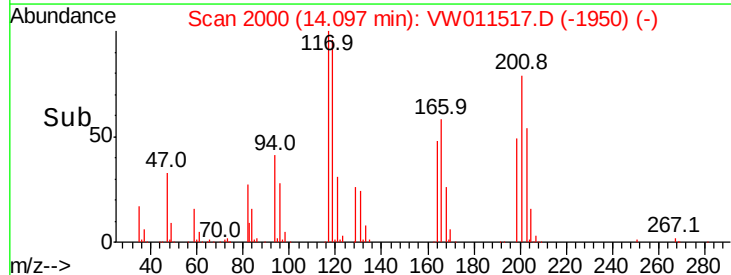
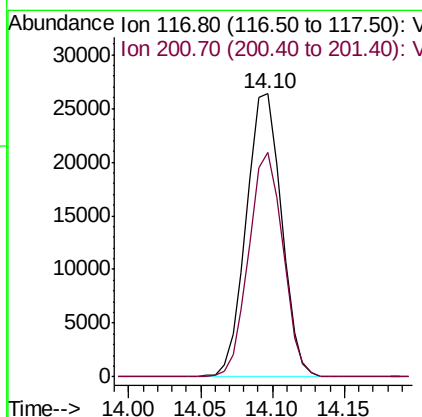
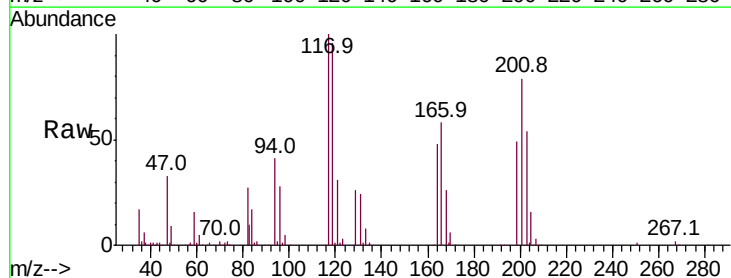
Manual Integrations
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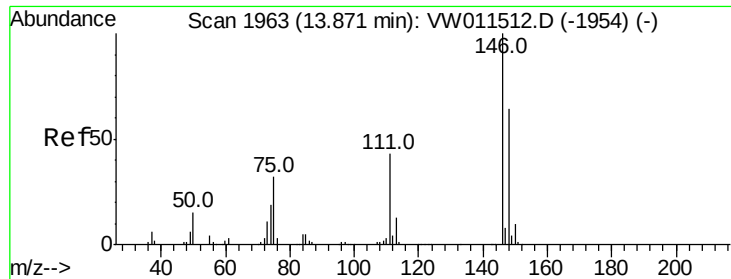
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#90
Hexachloroethane
Concen: 20.397 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.01 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	44818		
201	77.0		39.4	118.2





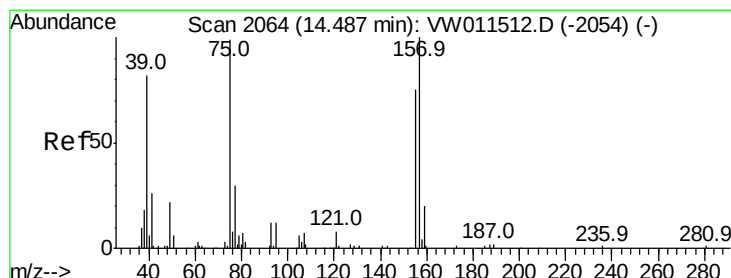
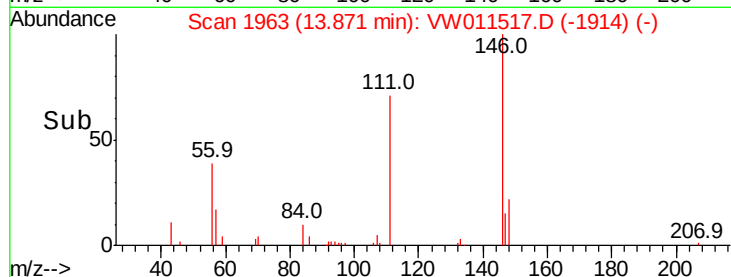
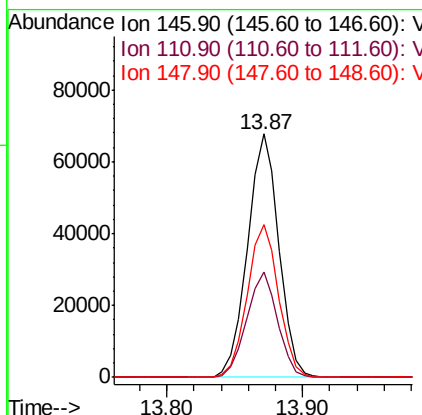
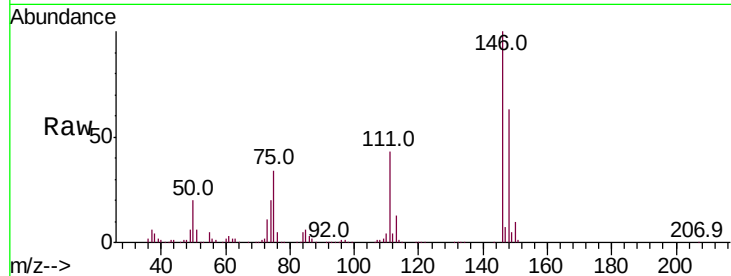
#91
 1,2-Dichlorobenzene
 Concen: 20.780 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW011517.D
 Acq: 26 Jul 2019 15:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0727SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.6	65.0
148	62.7	32.0	96.2

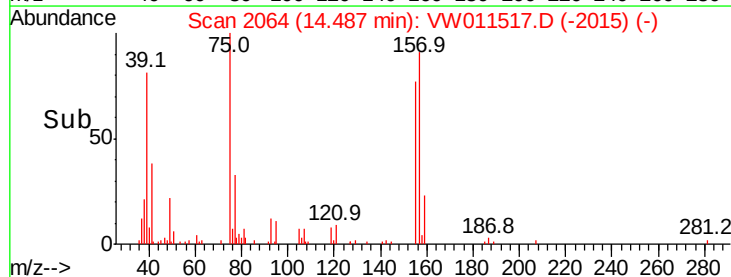
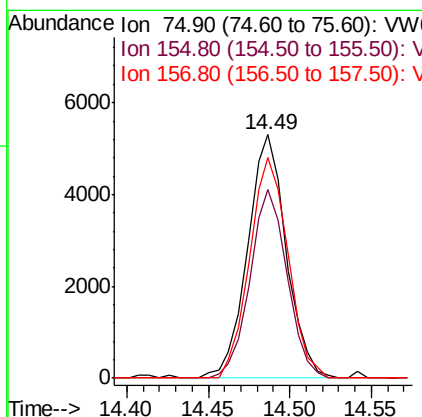
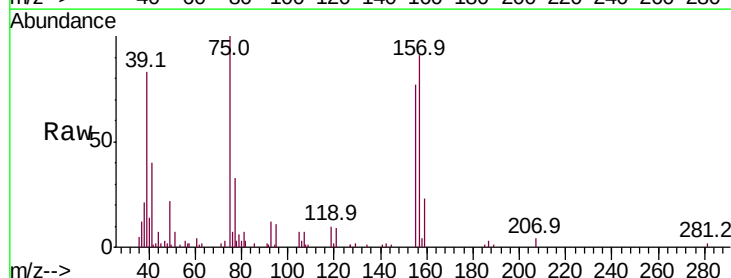
Manual Integrations
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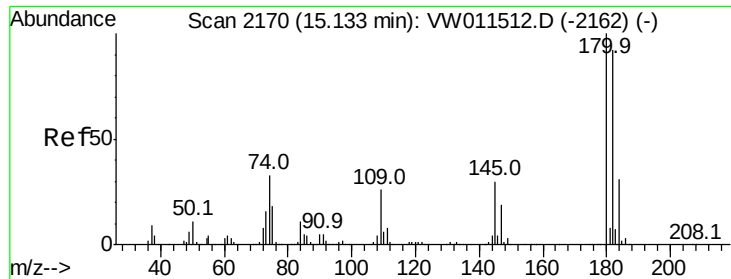
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 7/29/2019 9:18:54 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.898 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW011517.D
 Acq: 26 Jul 2019 15:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.4	38.2	114.6
157	90.2	48.9	146.7





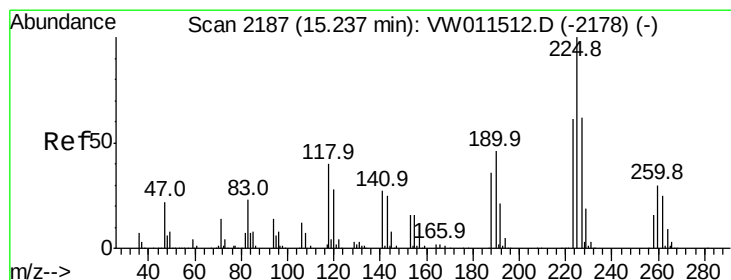
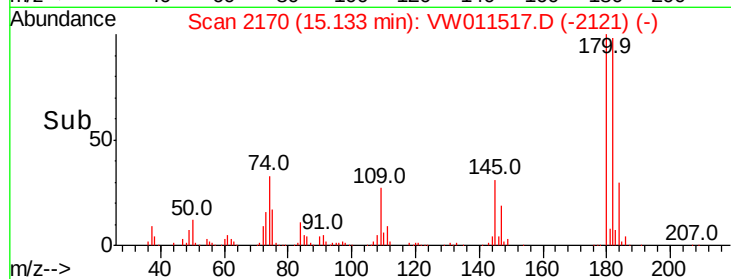
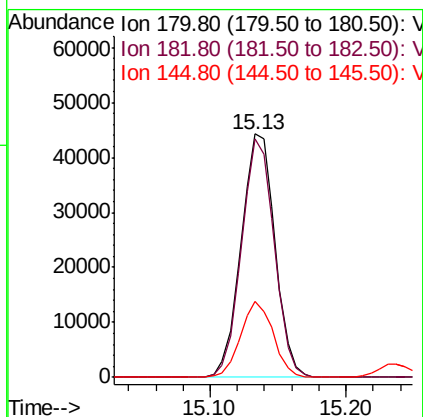
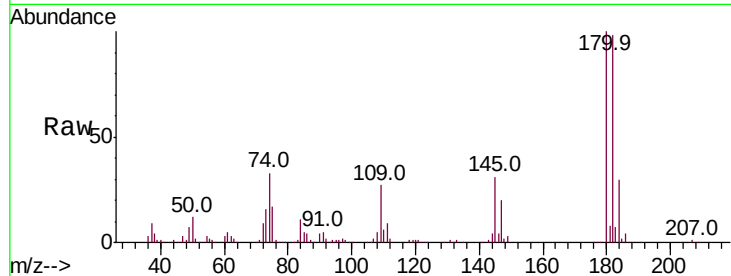
#93
1,2,4-Trichlorobenzene
Concen: 20.817 ug/l
RT: 15.13 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Instrument :
MSVOA_W
ClientSampleId :
VW0727SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.8	47.4	142.2	
145	30.0	15.4	46.1	

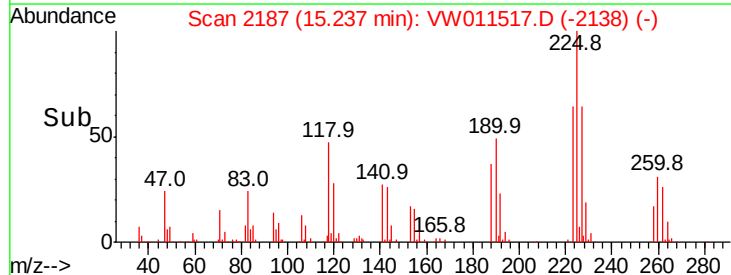
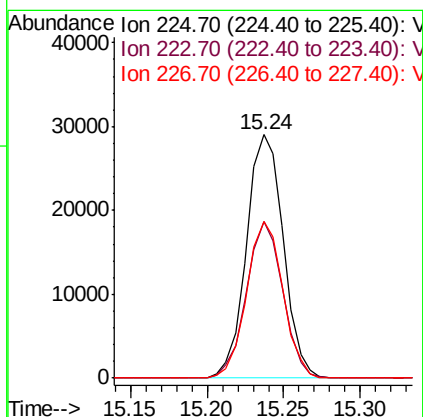
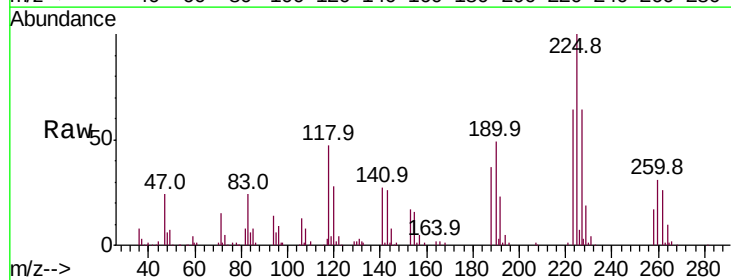
Manual Integrations
APPROVED

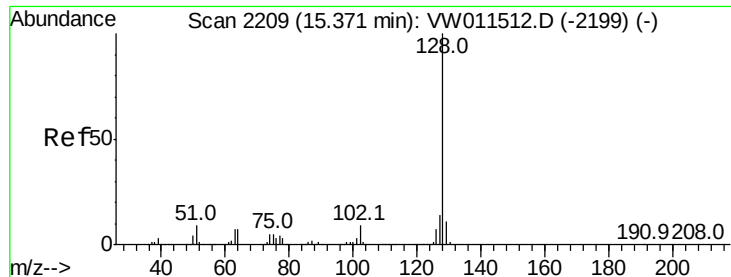
MMDadoda
7/29/2019 9:18:54 AM



#94
Hexachlorobutadiene
Concen: 21.106 ug/l
RT: 15.24 min Scan# 2187
Delta R.T. -0.00 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.4	30.8	92.3	
227	63.5	31.6	94.7	





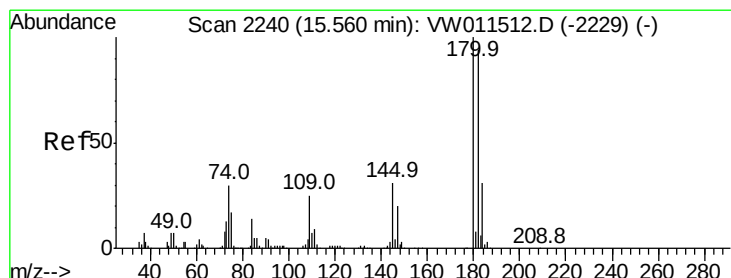
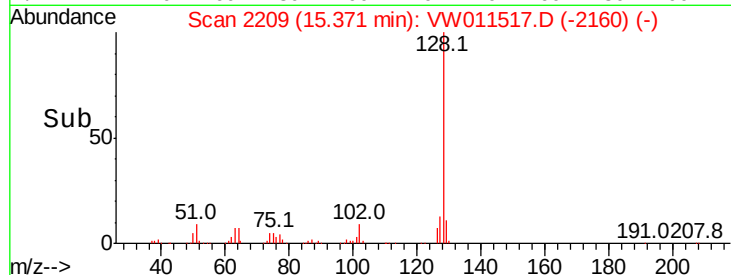
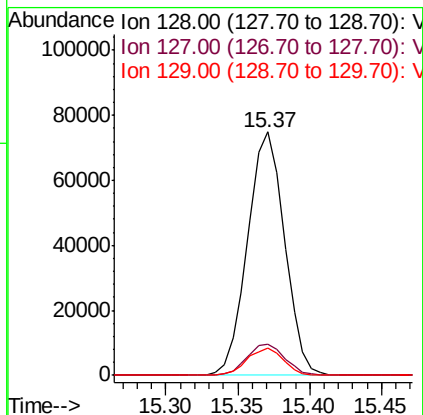
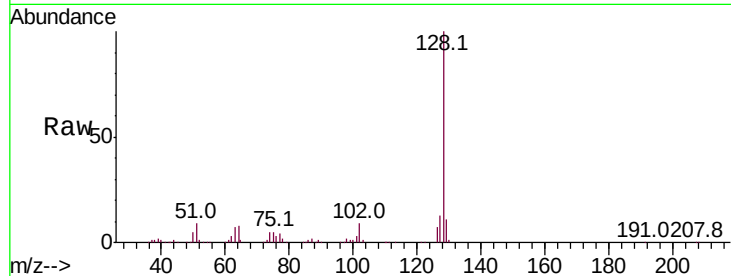
#95
Naphthalene
Concen: 19.674 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Instrument :
MSVOA_W
ClientSampleId :
VW0727SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	133084		
127	13.2		10.6	16.0
129	10.9		8.6	13.0

Manual Integrations
APPROVED

MMDadoda
7/29/2019 9:18:54 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.063 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW011517.D
Acq: 26 Jul 2019 15:49

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	65051		
182	95.2		47.4	142.2
145	33.0		15.9	47.7

