

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051019\
 Data File : VW010367.D
 Acq On : 10 May 2019 20:24
 Operator : SY/VA
 Sample : K2718-10MSD
 Misc : 4.52G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS006-0002-01MSD

Manual Integrations
 APPROVED

MMDadoda
 5/11/2019 12:12:29 PM

Quant Time: May 11 00:13:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 03:41:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	649990	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	943794	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	542985	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	105717	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	429767	62.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	124.38%	
35) Dibromofluoromethane	7.88	113	370242	67.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	134.08%	
50) Toluene-d8	10.32	98	1075191	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
62) 4-Bromofluorobenzene	12.62	95	171048	21.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	43.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	350358	70.101	ug/l	99
3) Chloromethane	2.21	50	449892	67.616	ug/l	98
4) Vinyl Chloride	2.37	62	502858	60.813	ug/l	99
5) Bromomethane	2.78	94	180425	37.838	ug/l	100
6) Chloroethane	2.92	64	318541	66.612	ug/l	91
7) Trichlorofluoromethane	3.25	101	179941	43.469	ug/l	95
8) Diethyl Ether	3.67	74	309470	85.040	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.05	101	418548	61.706	ug/l	98
10) Methyl Iodide	4.26	142	238001	24.778	ug/l	95
11) Tert butyl alcohol	5.18	59	196006	401.642	ug/l	100
12) 1,1-Dichloroethene	4.03	96	378767	53.440	ug/l	95
14) Allyl chloride	4.65	41	441464	41.726	ug/l	92
15) Acrylonitrile	5.36	53	343576	170.338	ug/l	97
16) Acetone	4.12	43	506732	281.290	ug/l	98
17) Carbon Disulfide	4.38	76	717631	33.477	ug/l	99
18) Methyl Acetate	4.67	43	496302	111.227	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	805423	95.458	ug/l	100
20) Methylene Chloride	4.92	84	491281	65.384	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	319210	41.840	ug/l	92
22) Diisopropyl ether	6.31	45	1829656	89.107	ug/l	93
24) 1,1-Dichloroethane	6.21	63	1004122	72.635	ug/l	99
25) 2-Butanone	7.17	43	571803	207.485	ug/l	97
26) 2,2-Dichloropropane	7.17	77	300928	43.751	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	391858	49.944	ug/l	96
28) Bromochloromethane	7.51	49	314116	61.631	ug/l	98
29) Tetrahydrofuran	7.53	42	706579	396.395	ug/l	97
30) Chloroform	7.67	83	908597	70.229	ug/l	97
31) Cyclohexane	7.95	56	653772	46.187	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	688011	68.655	ug/l	100
36) 1,1-Dichloropropene	8.08	75	445154	43.501	ug/l	100
38) Carbon Tetrachloride	8.06	117	580236	66.146	ug/l	99
39) Methylcyclohexane	9.34	83	410467	32.789	ug/l	99
40) Benzene	8.32	78	1818902	64.902	ug/l	100
41) Methacrylonitrile	7.53	41	479767	157.011	ug/l #	49

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.40	62	572838	71.409	ug/l	97
44) Trichloroethene	9.09	130	290734	41.438	ug/l	95
45) 1,2-Dichloropropane	9.37	63	545021	78.237	ug/l	96
46) Dibromomethane	9.46	93	219215	60.913	ug/l	99
47) Bromodichloromethane	9.64	83	602934	69.842	ug/l	100
48) Methyl methacrylate	9.43	41	148242	34.696	ug/l	91
49) 1,4-Dioxane	9.45	88	118967	1895.562	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	1117705	215.711	ug/l	95
52) Toluene	10.39	92	858890	50.141	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	264011	30.192	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	331321	31.993	ug/l	89
55) 1,1,2-Trichloroethane	10.79	97	356902	69.823	ug/l	99
57) 1,3-Dichloropropane	10.93	76	554793	60.713	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	668935	206.985	ug/l	99
59) 2-Hexanone	10.97	43	249486	68.101	ug/l	95
60) Dibromochloromethane	11.13	129	333010	60.544	ug/l	100
61) 1,2-Dibromoethane	11.23	107	224054	45.661	ug/l	98
64) Tetrachloroethene	10.86	164	230893	60.840	ug/l	98
65) Chlorobenzene	11.66	112	563944	50.173	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	408599	107.554	ug/l	98
67) Ethyl Benzene	11.73	91	1162327	56.212	ug/l	100
68) m/p-Xylenes	11.84	106	846114	110.134	ug/l	100
69) o-Xylene	12.17	106	456694	65.714	ug/l	99
70) Styrene	12.18	104	462224	38.171	ug/l	94
71) Bromoform	12.35	173	161313	74.280	ug/l #	99
73) Isopropylbenzene	12.46	105	995674	129.213	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	392053	230.912	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	212202m	172.162	ug/l	
77) Bromobenzene	12.75	156	171093	98.334	ug/l	82
78) n-propylbenzene	12.80	91	712579	74.873	ug/l	99
79) 2-Chlorotoluene	12.90	91	528499	97.511	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	748244	115.180	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	33894	62.100	ug/l	99
82) 4-Chlorotoluene	12.99	91	388357	68.388	ug/l	98
83) tert-Butylbenzene	13.21	119	672831	124.173	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	662109	102.566	ug/l	99
85) sec-Butylbenzene	13.38	105	602357	75.304	ug/l	99
86) p-Isopropyltoluene	13.50	119	466241	65.648	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	189435	54.524	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	172566	50.050	ug/l	100
89) n-Butylbenzene	13.83	91	183070	25.708	ug/l	99
90) Hexachloroethane	14.10	117	124898	94.816	ug/l	93
91) 1,2-Dichlorobenzene	13.87	146	207560	67.488	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	48133	157.430	ug/l	97
93) 1,2,4-Trichlorobenzene	15.14	180	39083	18.620	ug/l	97
94) Hexachlorobutadiene	15.24	225	38328	28.483	ug/l	98
95) Naphthalene	15.37	128	134337	29.595	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	43735	23.064	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri May 10 03:41:21 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

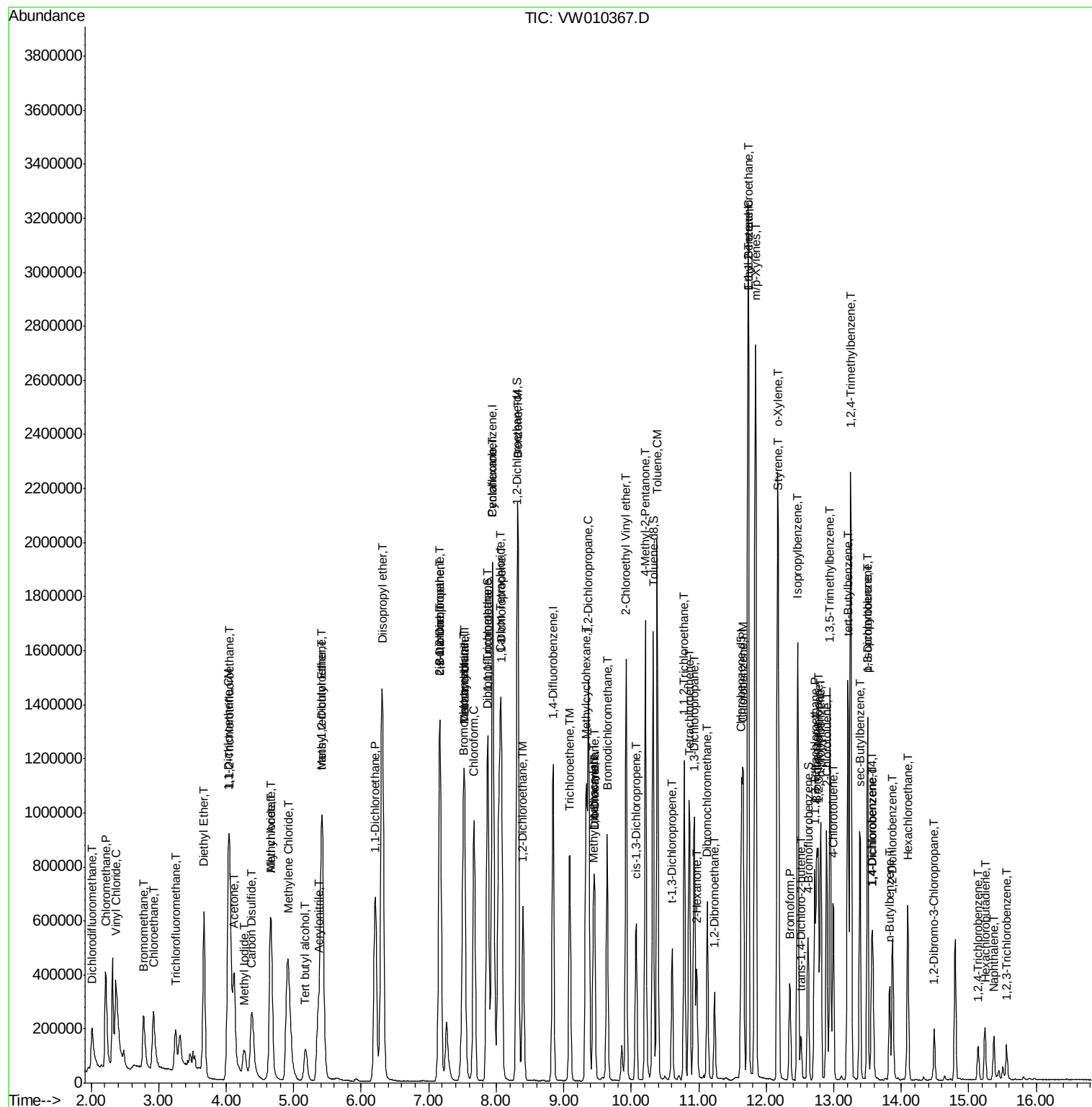
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW051019\
 Data File : VW010367.D
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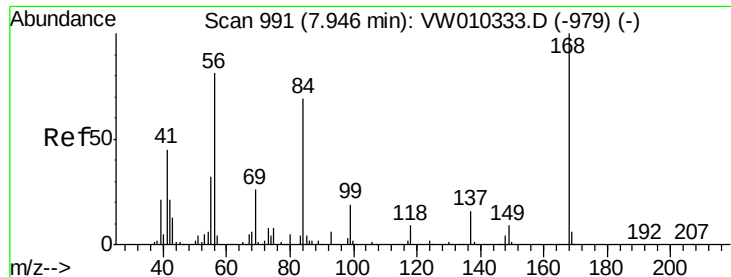
Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS006-0002-01MSD

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW010367.D

Acq: 10 May 2019 20:24

Instrument :

MSVOA_W

ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion:168 Resp: 649990

Ion Ratio Lower Upper

168 100

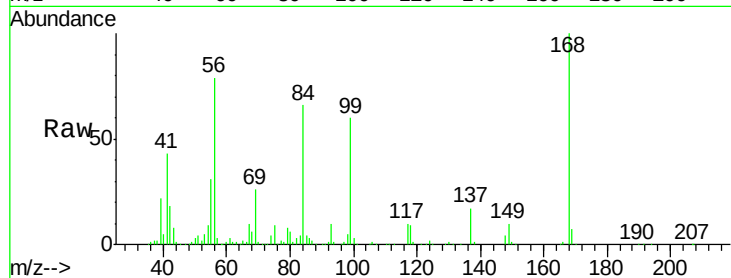
99 59.9 48.4 72.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

300000

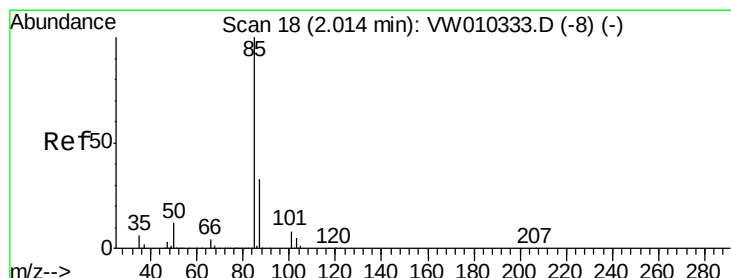
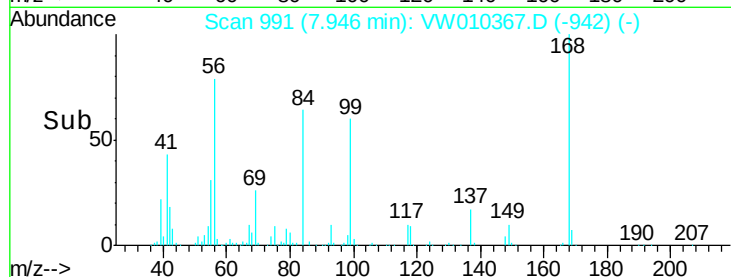
200000

100000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 70.101 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW010367.D

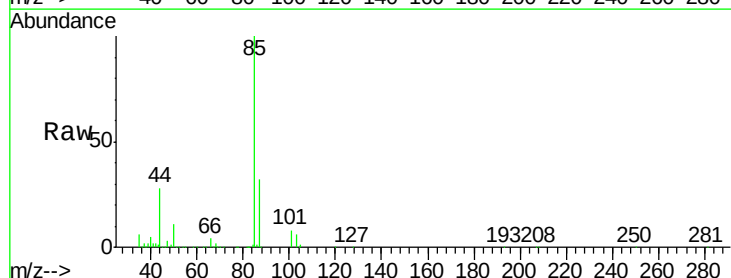
Acq: 10 May 2019 20:24

Tgt Ion: 85 Resp: 350358

Ion Ratio Lower Upper

85 100

87 32.2 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

100000

80000

60000

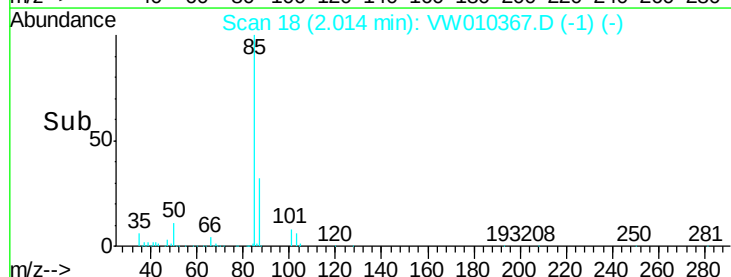
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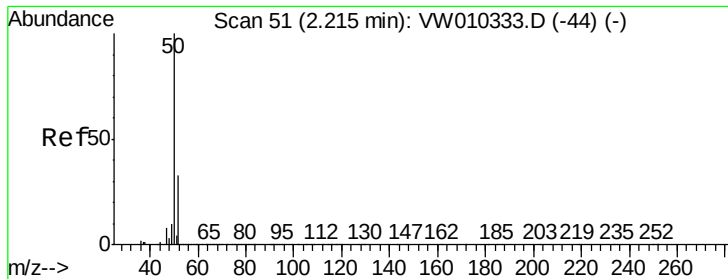
20000

0

2.00 2.20

Time-->





#3

Chloromethane

Concen: 67.616 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW010367.D

Acq: 10 May 2019 20:24

Instrument :

MSVOA_W

ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion: 50 Resp: 449892

Ion Ratio Lower Upper

50 100

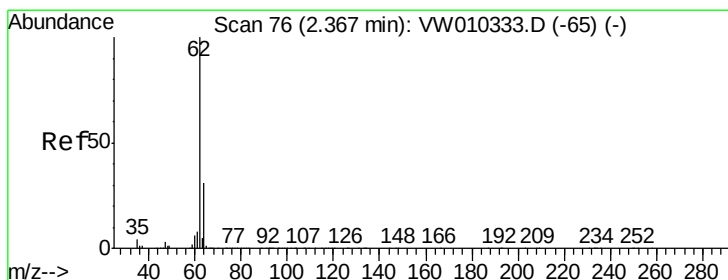
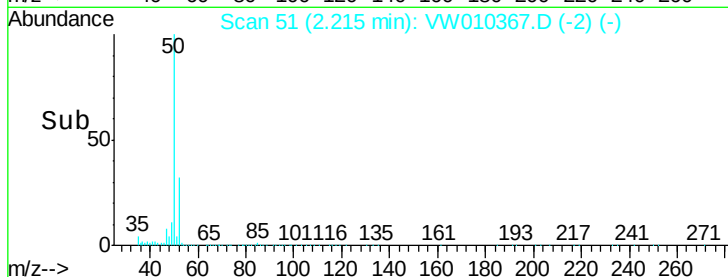
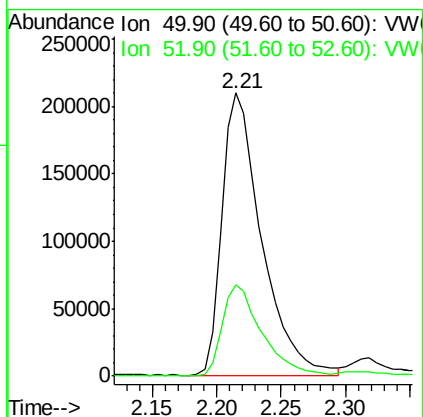
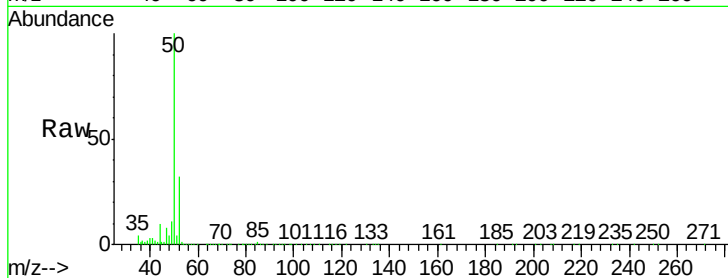
52 32.5 25.0 37.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 60.813 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW010367.D

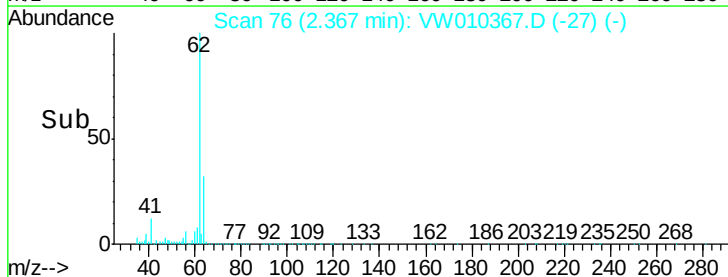
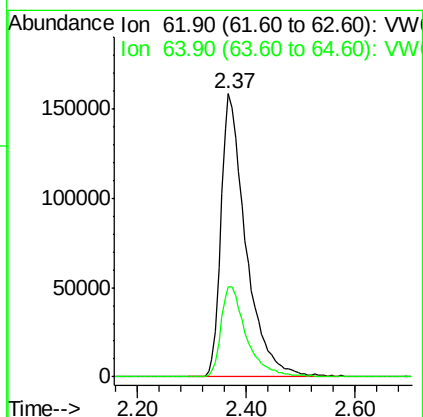
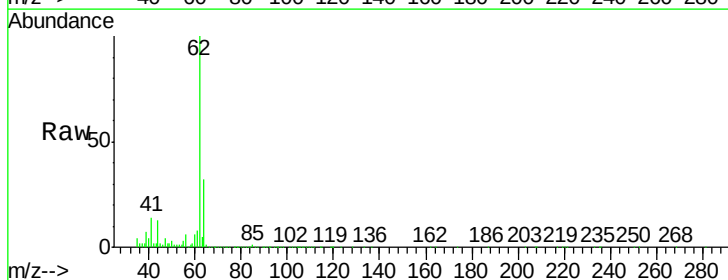
Acq: 10 May 2019 20:24

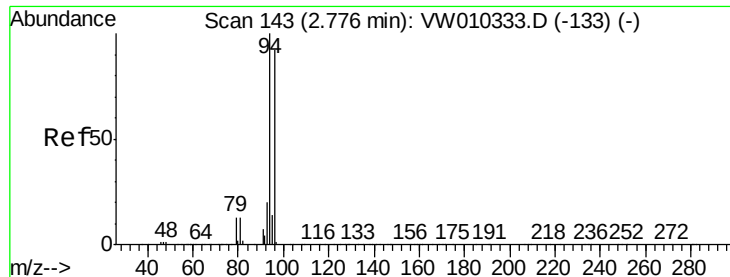
Tgt Ion: 62 Resp: 502858

Ion Ratio Lower Upper

62 100

64 31.7 25.9 38.9





#5

Bromomethane

Concen: 37.838 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW010367.D

Acq: 10 May 2019 20:24

Instrument :

MSVOA_W

ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion: 94 Resp: 180425

Ion Ratio Lower Upper

94 100

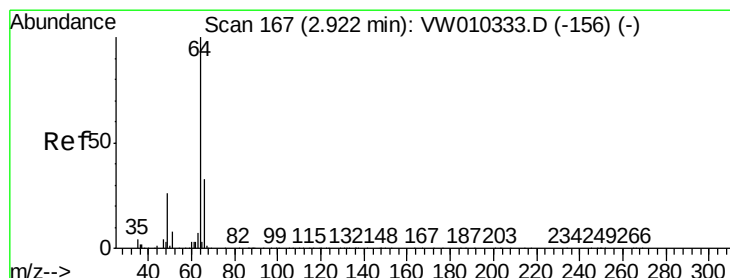
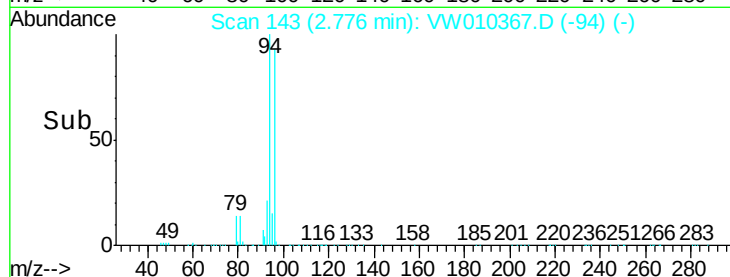
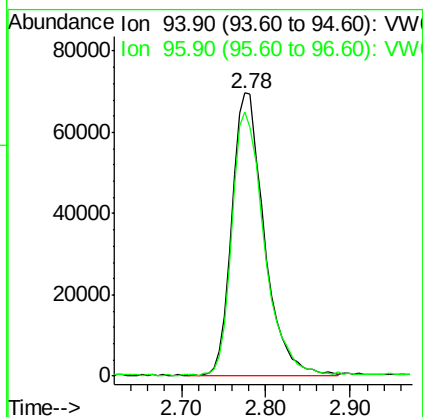
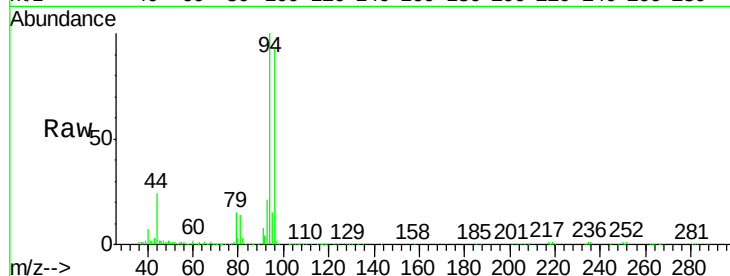
96 93.0 74.2 111.2

Manual Integrations

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#6

Chloroethane

Concen: 66.612 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW010367.D

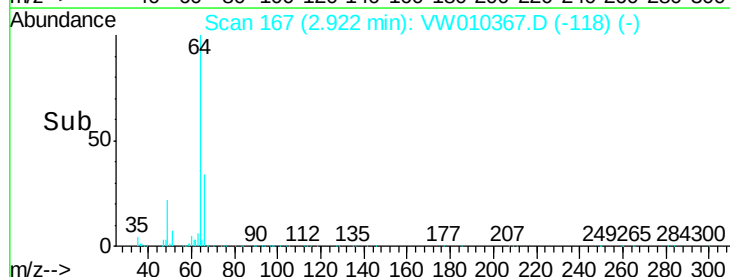
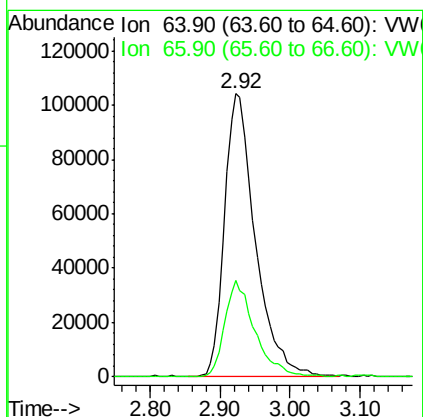
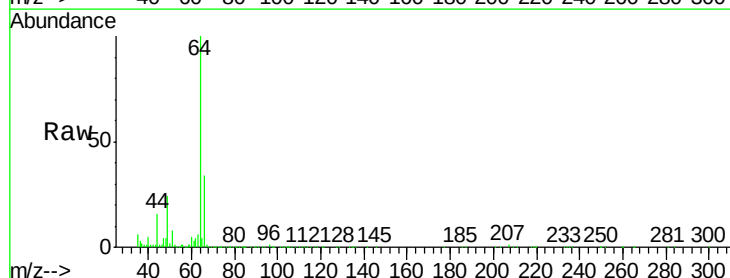
Acq: 10 May 2019 20:24

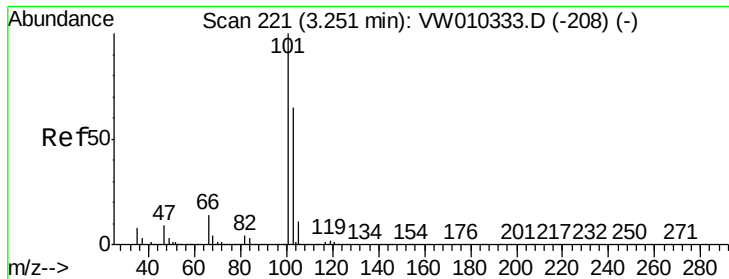
Tgt Ion: 64 Resp: 318541

Ion Ratio Lower Upper

64 100

66 33.9 23.4 35.0





#7

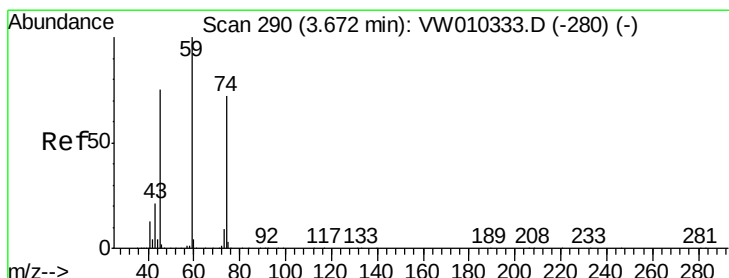
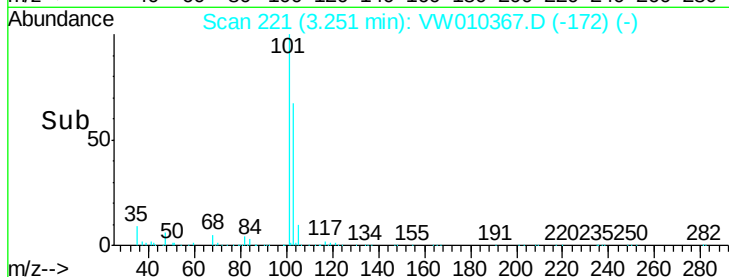
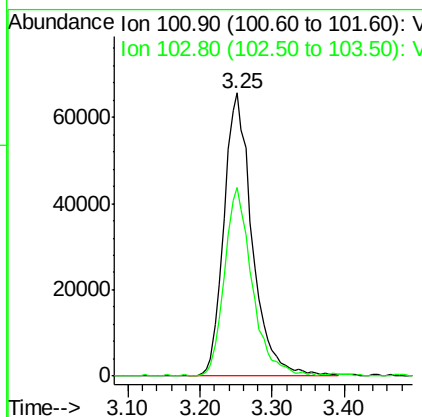
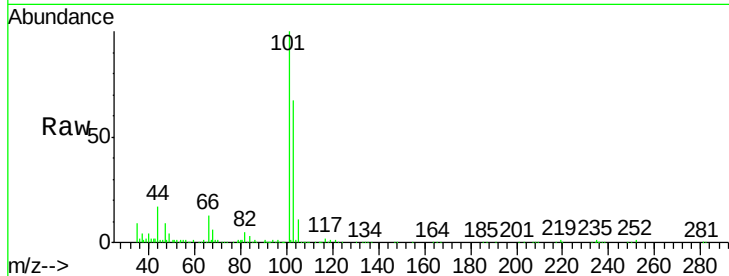
Trichlorofluoromethane
Concen: 43.469 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.00 min
Lab File: VW010367.D
Acq: 10 May 2019 20:24

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	179941		
103	66.4	49.8	74.6	

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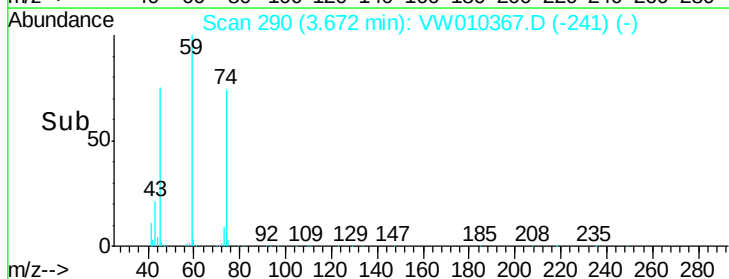
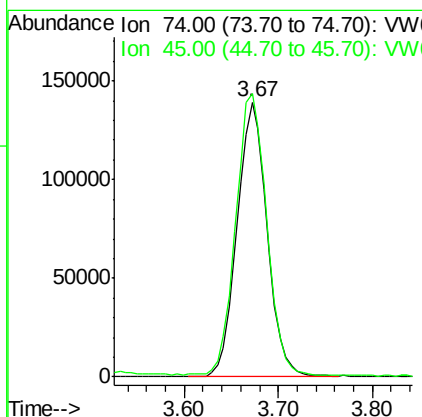
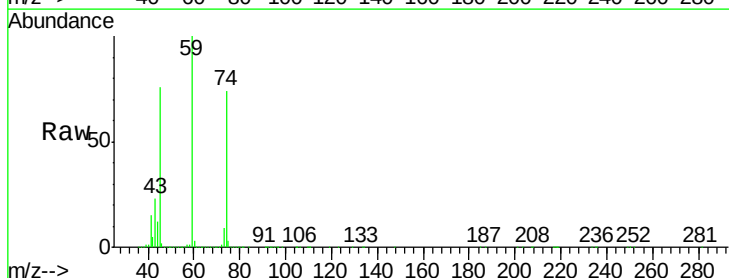
MMDadoda
5/11/2019 12:12:29 PM

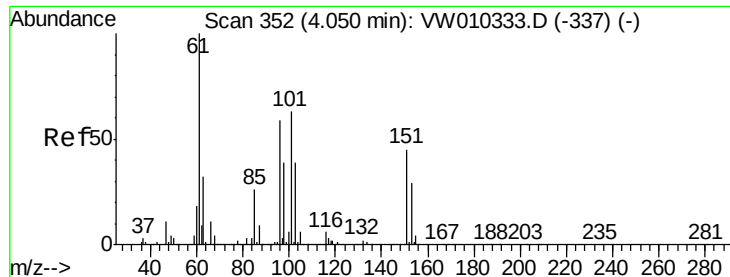


#8

Diethyl Ether
Concen: 85.040 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.00 min
Lab File: VW010367.D
Acq: 10 May 2019 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	309470		
45	105.2	56.0	168.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 61.706 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.00 min

Lab File: VW010367.D

Acq: 10 May 2019 20:24

Instrument :

MSVOA_W

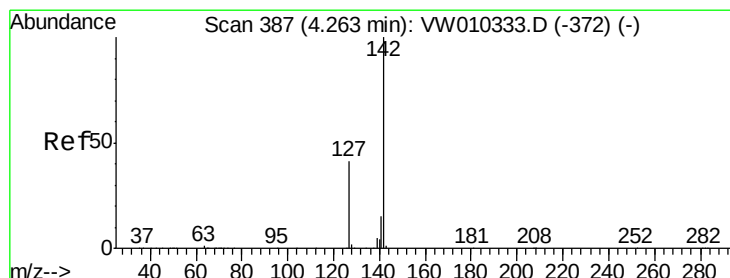
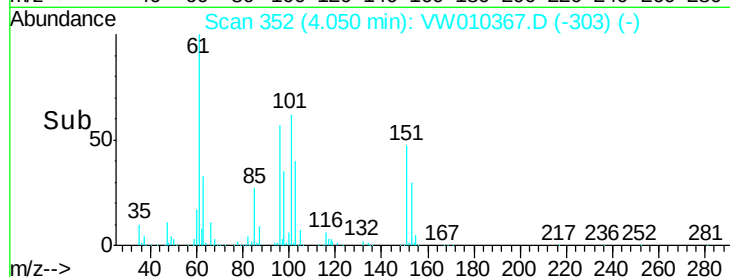
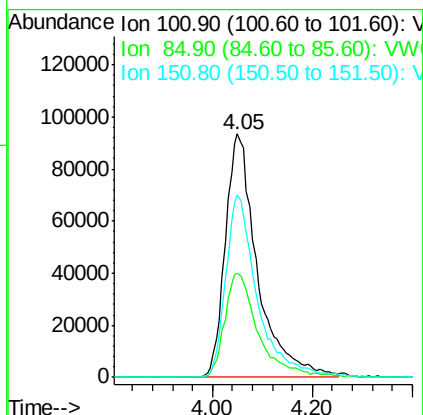
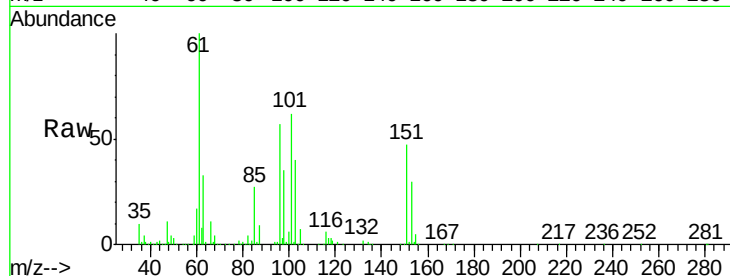
ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion:	101	Resp:	418548
Ion Ratio	Lower	Upper	
101	100		
85	44.3	36.3	54.5
151	73.0	60.2	90.2

Manual Integrations
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MMDadoda
5/11/2019 12:12:29 PM



#10

Methyl Iodide

Concen: 24.778 ug/l

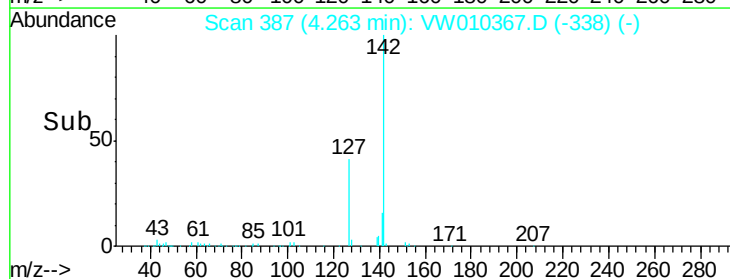
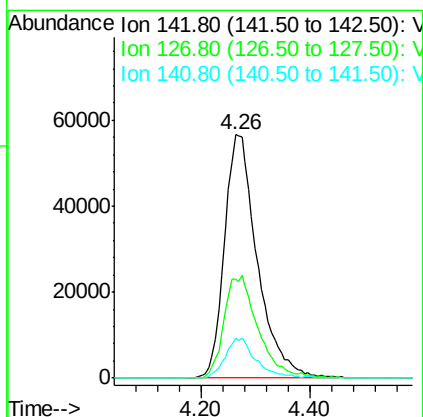
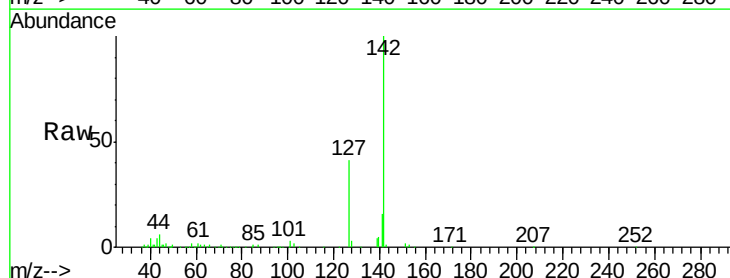
RT: 4.26 min Scan# 387

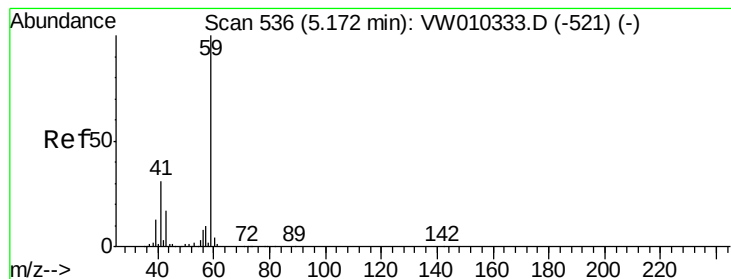
Delta R.T. -0.00 min

Lab File: VW010367.D

Acq: 10 May 2019 20:24

Tgt Ion:	142	Resp:	238001
Ion Ratio	Lower	Upper	
142	100		
127	43.6	38.1	57.1
141	15.2	12.2	18.2





#11

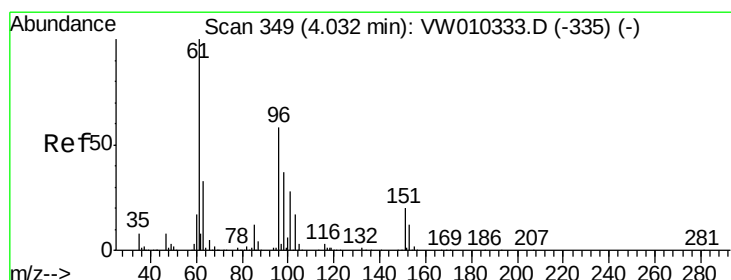
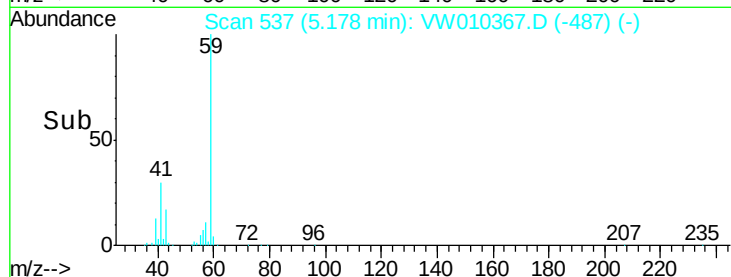
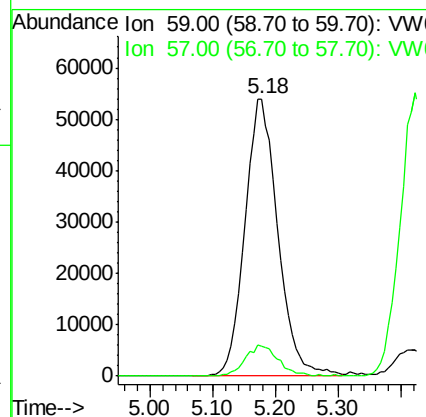
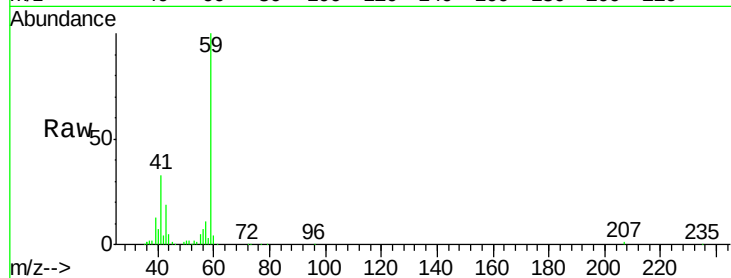
Tert butyl alcohol
Concen: 401.642 ug/l
RT: 5.18 min Scan# 537
Delta R.T. 0.01 min
Lab File: VW010367.D
Acq: 10 May 2019 20:24

Instrument :
MSVOA_W
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	196006		
57	57	11.1		9.0	13.4

Manual Integrations
APPROVED

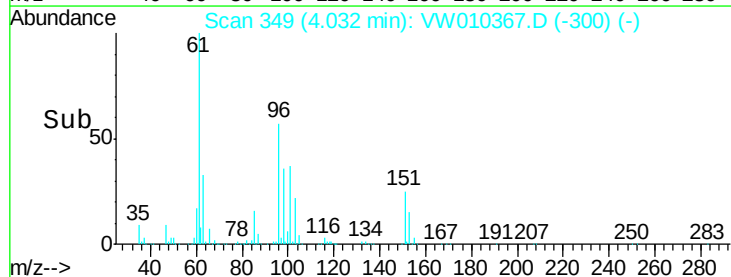
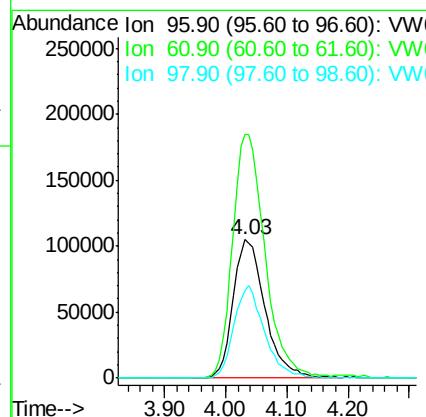
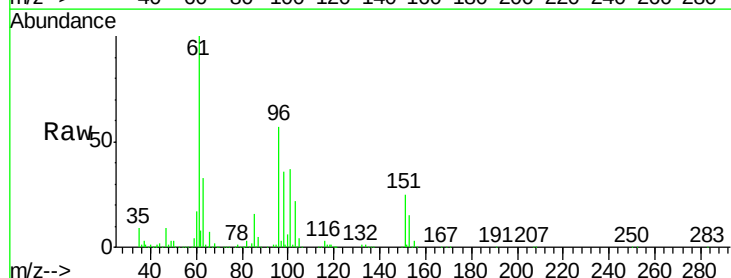
MMDadoda
5/11/2019 12:12:29 PM

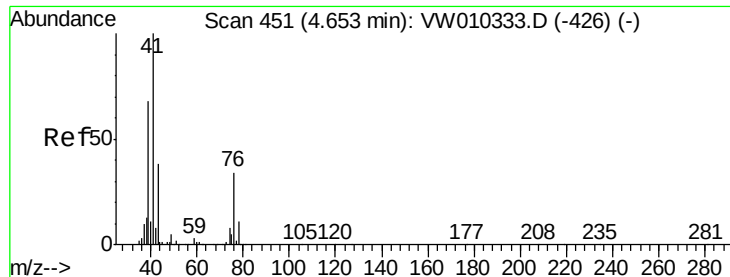


#12

1,1-Dichloroethene
Concen: 53.440 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW010367.D
Acq: 10 May 2019 20:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	378767		
61	61	175.8		147.4	221.2
98	98	63.5		49.7	74.5





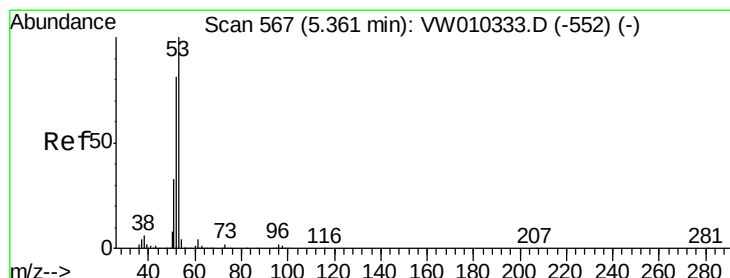
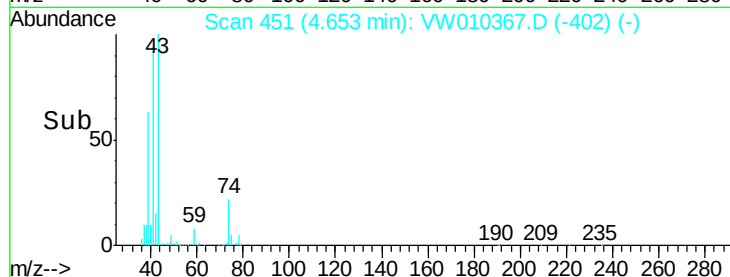
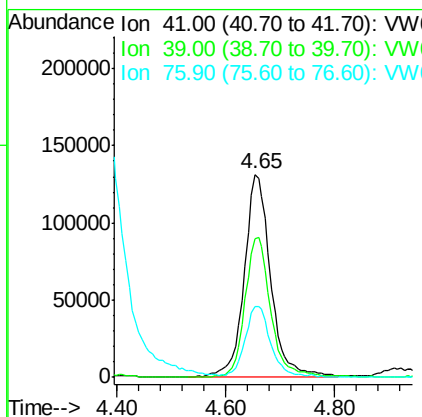
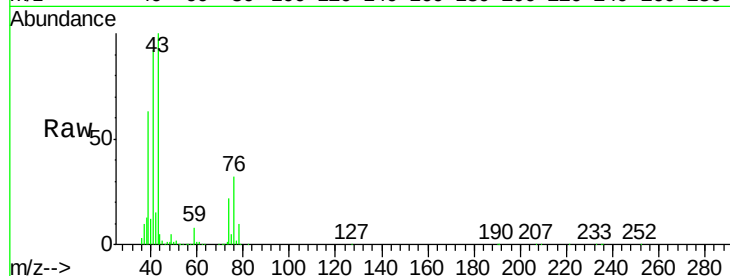
#14
Allvl chloride
Concen: 41.726 ug/l
RT: 4.65 min Scan# 451
Delta R.T. -0.00 min
Lab File: VW010367.D
Acq: 10 May 2019 20:24

Instrument :
MSVOA_W
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
41	100		
39	67.6	60.2	90.4
76	34.0	25.0	37.6

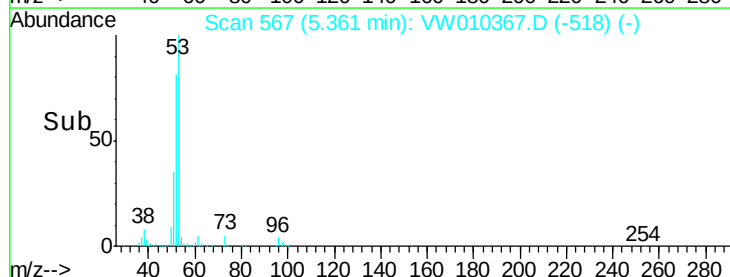
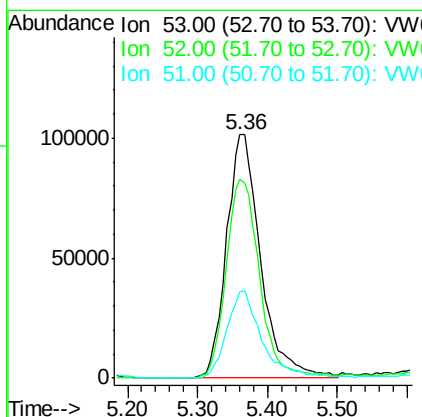
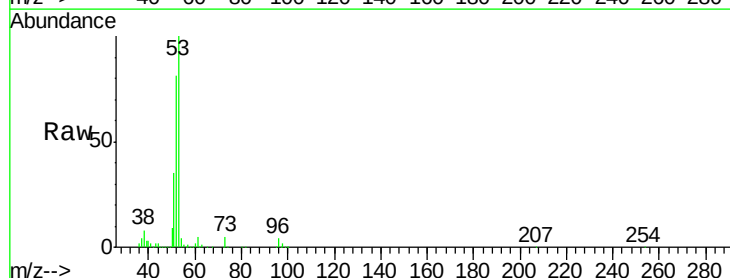
Manual Integrations
APPROVED

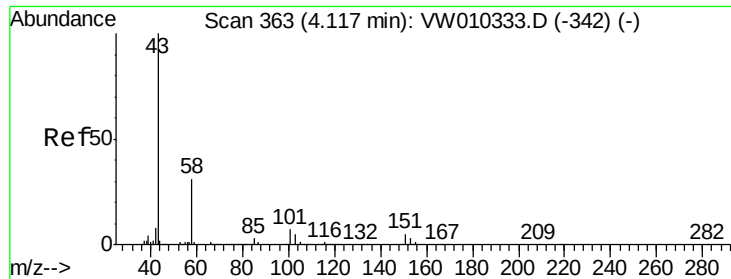
MMDadoda
5/11/2019 12:12:29 PM



#15
Acrylonitrile
Concen: 170.338 ug/l
RT: 5.36 min Scan# 567
Delta R.T. -0.00 min
Lab File: VW010367.D
Acq: 10 May 2019 20:24

Tgt Ion	Ratio	Lower	Upper
53	100		
52	79.4	66.6	100.0
51	36.9	30.3	45.5





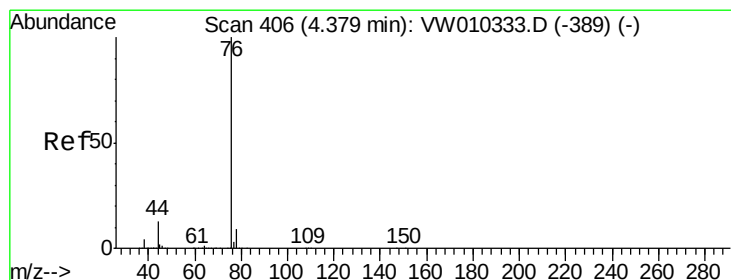
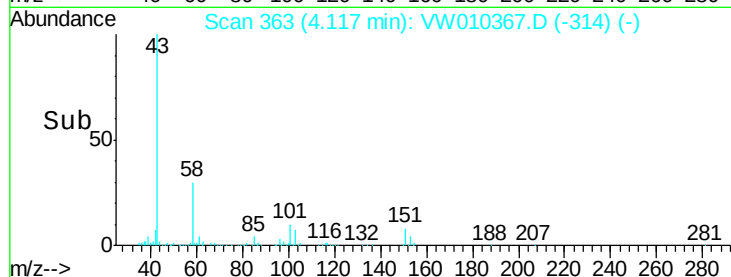
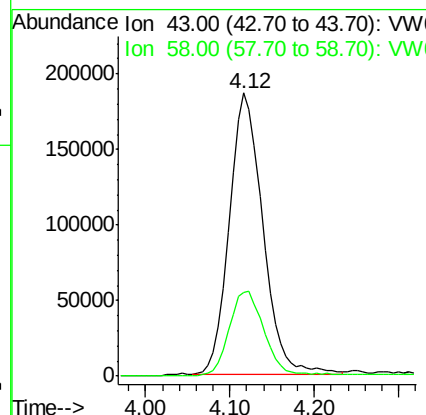
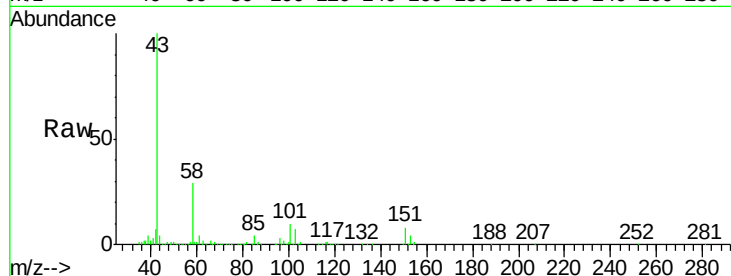
#16
Acetone
Concen: 281.290 ug/l
RT: 4.12 min Scan# 363
Delta R.T. -0.00 min
Lab File: VW010367.D
Acq: 10 May 2019 20:24

Instrument :
MSVOA_W
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion: 43 Resp: 506732
Ion Ratio Lower Upper
43 100
58 29.4 22.7 34.1

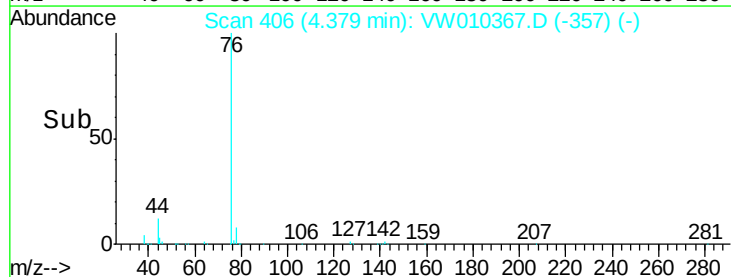
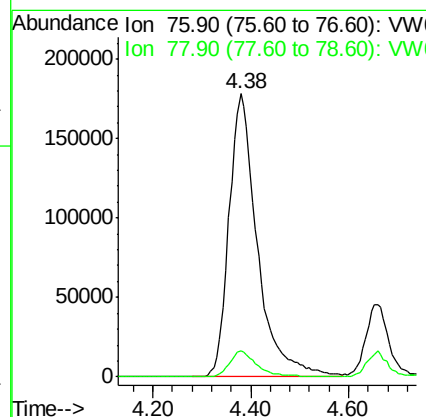
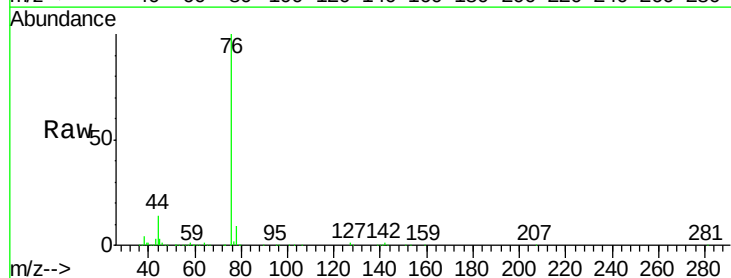
Manual Integrations
APPROVED

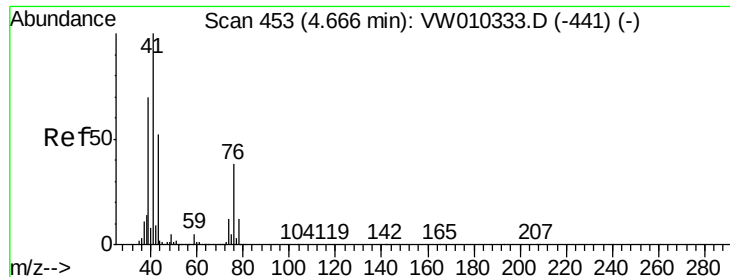
MMDadoda
5/11/2019 12:12:29 PM



#17
Carbon Disulfide
Concen: 33.477 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW010367.D
Acq: 10 May 2019 20:24

Tgt Ion: 76 Resp: 717631
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2





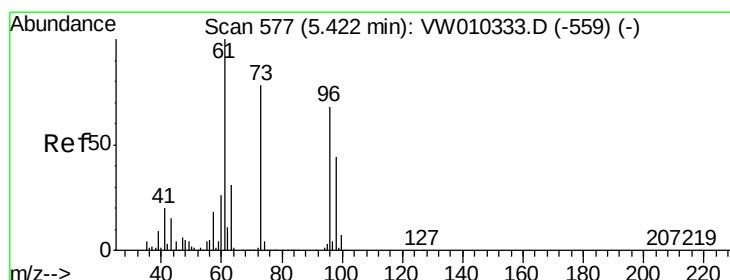
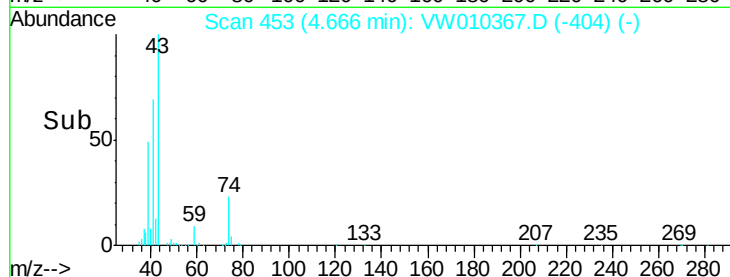
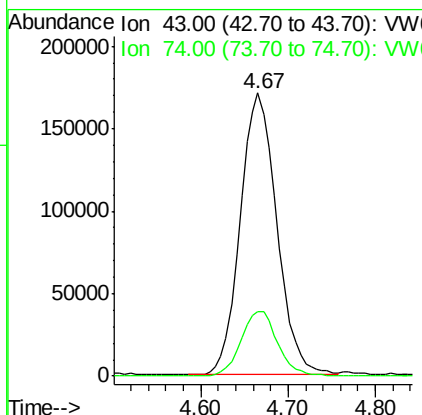
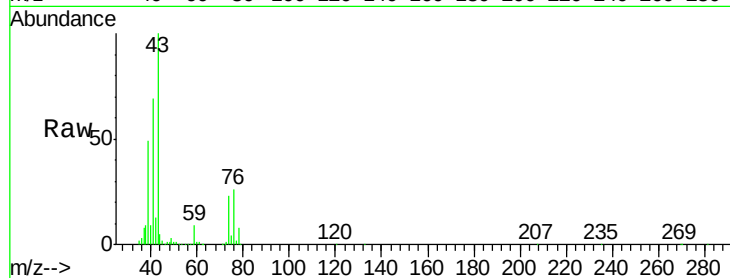
#18
Methyl Acetate
Concen: 111.227 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW010367.D
Acq: 10 May 2019 20:24

Instrument :
MSVOA_W
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion: 43 Resp: 496302
Ion Ratio Lower Upper
43 100
74 23.0 16.8 25.2

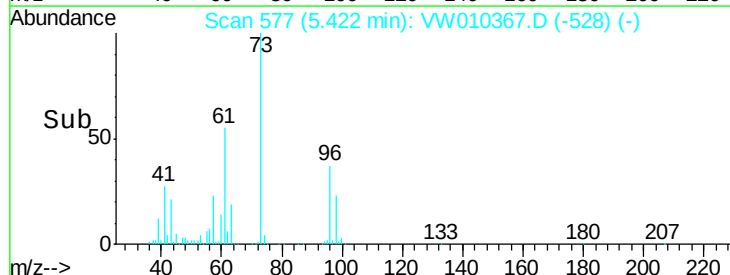
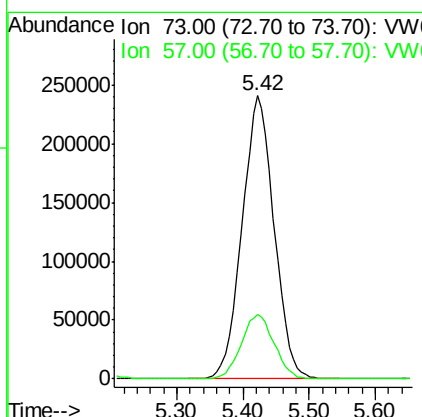
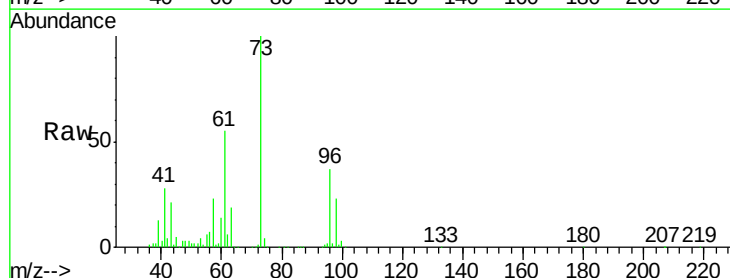
Manual Integrations
APPROVED

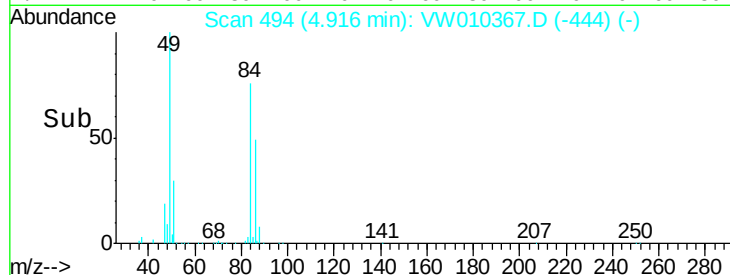
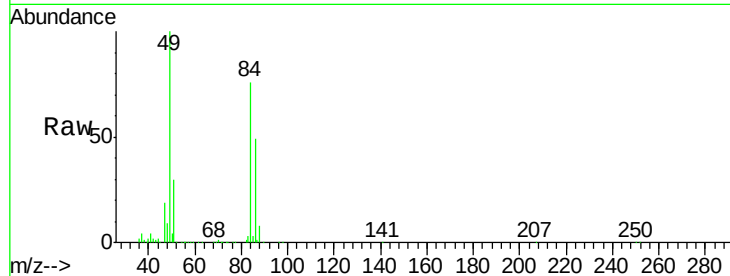
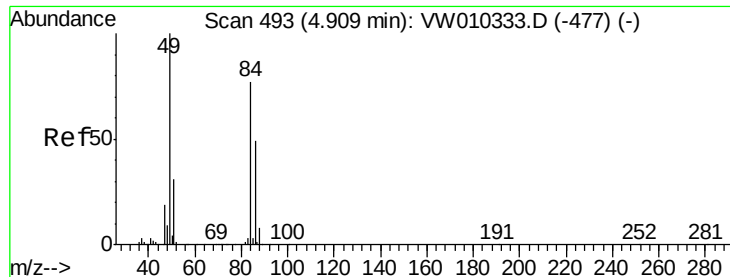
MMDadoda
5/11/2019 12:12:29 PM



#19
Methyl tert-butyl Ether
Concen: 95.458 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW010367.D
Acq: 10 May 2019 20:24

Tgt Ion: 73 Resp: 805423
Ion Ratio Lower Upper
73 100
57 22.9 18.5 27.7





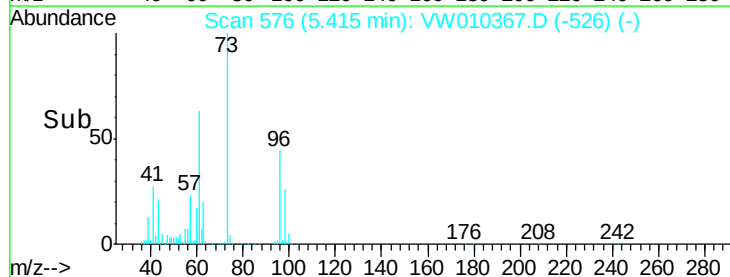
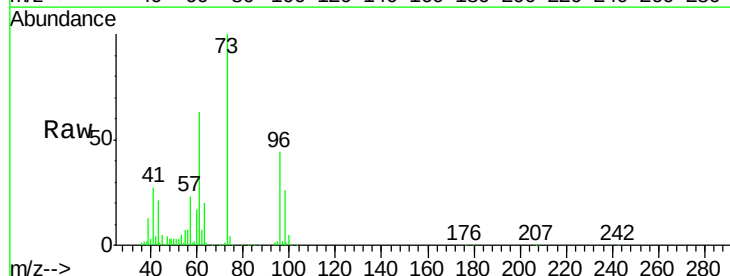
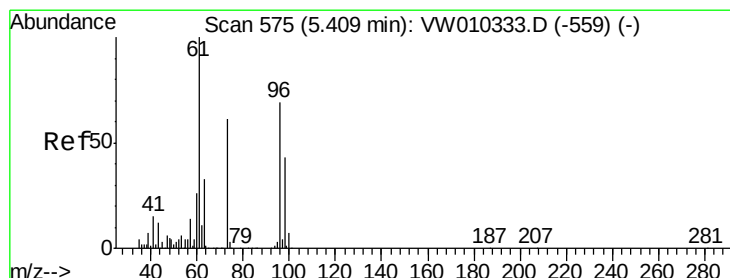
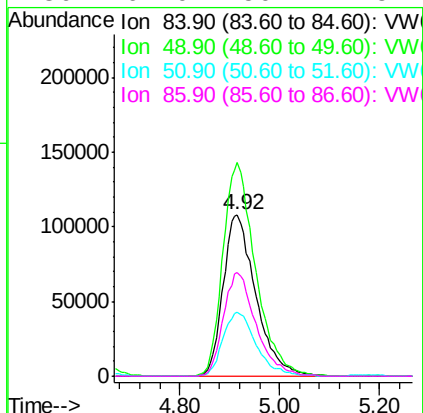
#20
Methylene Chloride
Concen: 65.384 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW010367.D
Acq: 10 May 2019 20:24

Tot Ion	84	Resp	491281
Ion Ratio	Lower	Upper	
84	100		
49	131.9	112.3	168.5
51	39.7	33.9	50.9
86	64.0	50.2	75.4

Instrument :
MSVOA_W
ClientSampleId :
P026-SS006-0002-01MSD

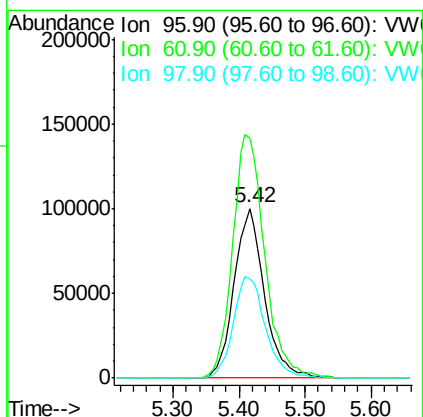
Manual Integrations
APPROVED

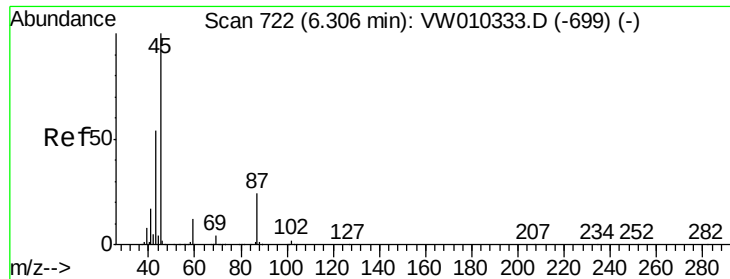
MMDadoda
5/11/2019 12:12:29 PM



#21
trans-1,2-Dichloroethene
Concen: 41.840 ug/l
RT: 5.42 min Scan# 576
Delta R.T. 0.01 min
Lab File: VW010367.D
Acq: 10 May 2019 20:24

Tgt Ion	96	Resp	319210
Ion Ratio	Lower	Upper	
96	100		
61	141.2	122.3	183.5
98	58.1	50.5	75.7





#22

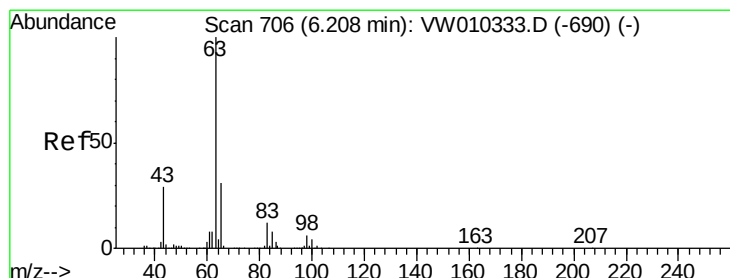
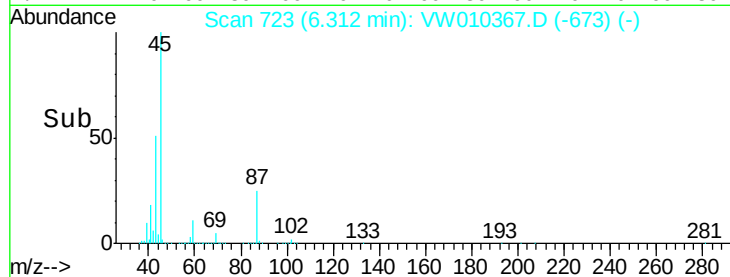
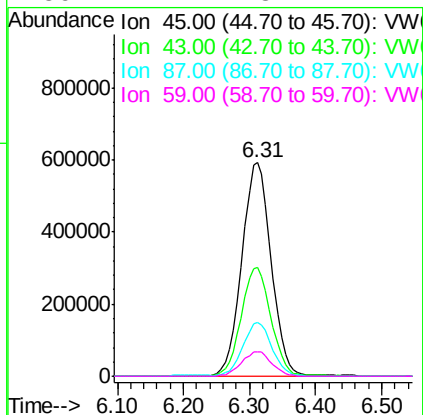
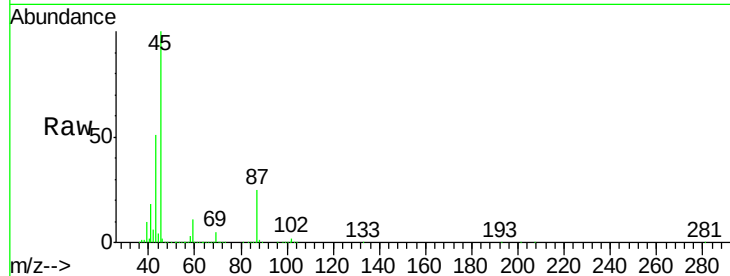
Diisopropyl ether
 Concen: 89.107 ug/l
 RT: 6.31 min Scan# 723
 Delta R.T. 0.01 min
 Lab File: VW010367.D
 Acq: 10 May 2019 20:24

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS006-0002-01MSD

Tot Ion	45	Resp	1829656
Ion	Ratio	Lower	Upper
45	100		
43	51.0	46.1	69.1
87	24.9	18.3	27.5
59	11.4	8.2	12.4

Manual Integrations
 APPROVED

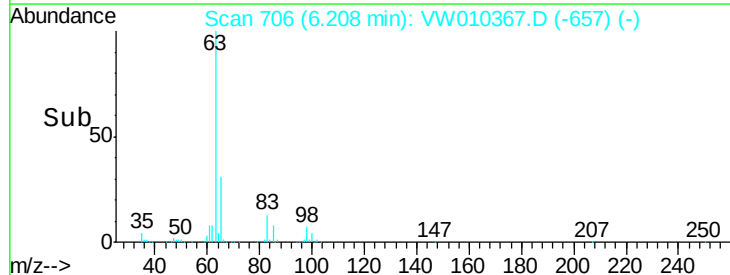
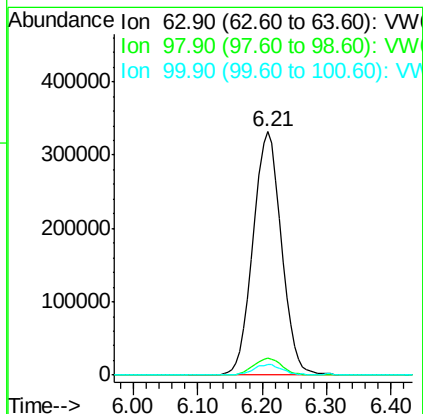
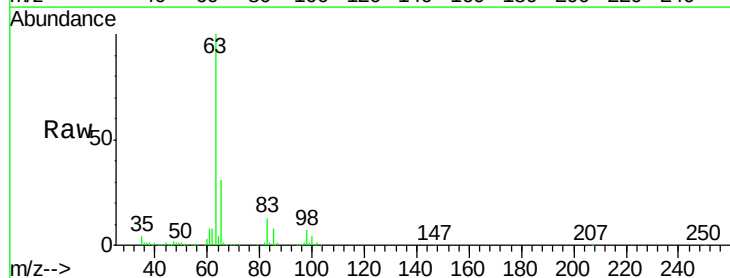
MMDadoda
 5/11/2019 12:12:29 PM

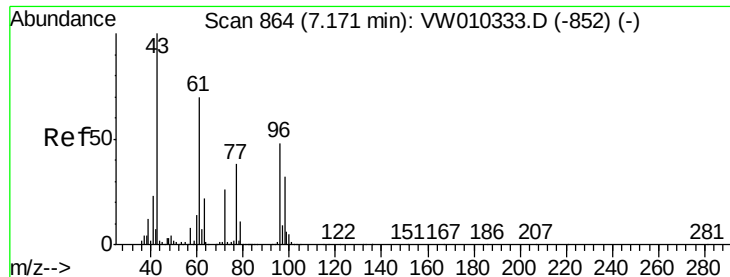


#24

1,1-Dichloroethane
 Concen: 72.635 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: VW010367.D
 Acq: 10 May 2019 20:24

Tgt Ion	63	Resp	1004122
Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.3	9.8
100	4.3	2.0	6.0





#25

2-Butanone

Concen: 207.485 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010367.D

Acq: 10 May 2019 20:24

Instrument :

MSVOA_W

ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion: 43 Resp: 571803

Ion Ratio Lower Upper

43 100

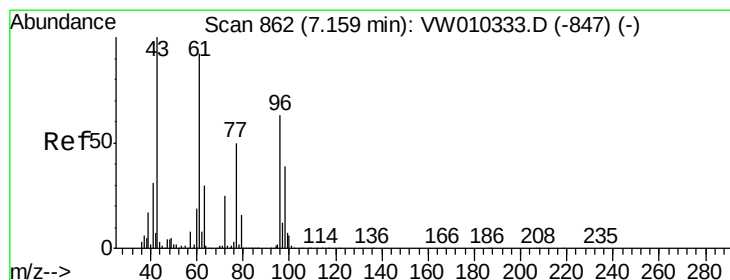
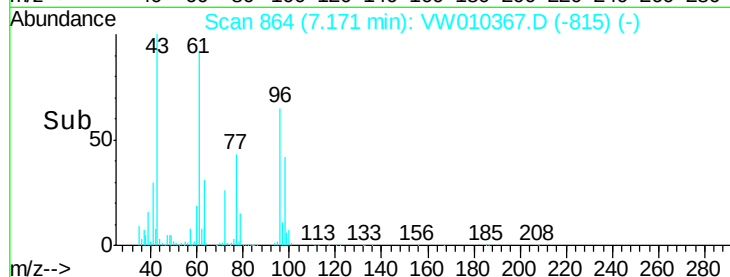
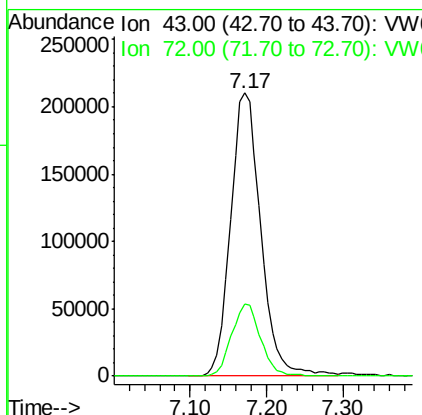
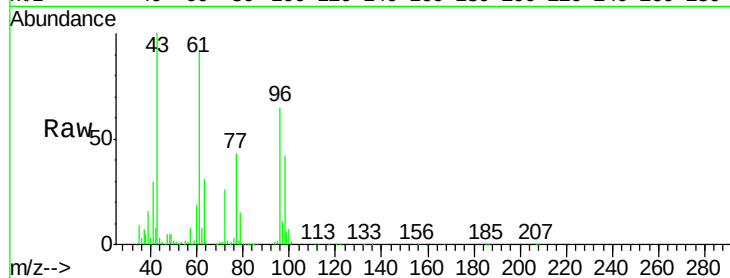
72 25.6 19.1 28.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 43.751 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.01 min

Lab File: VW010367.D

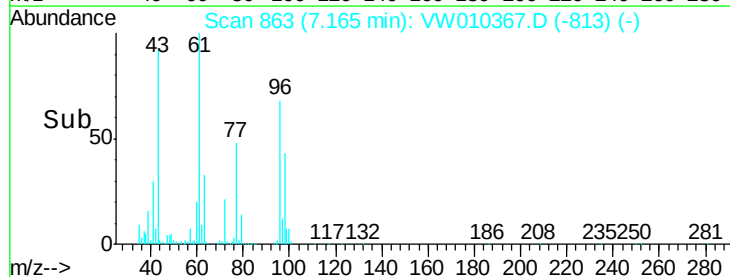
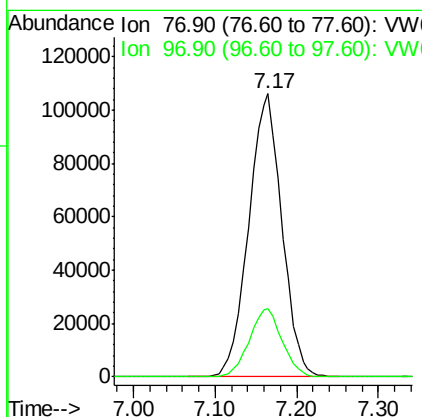
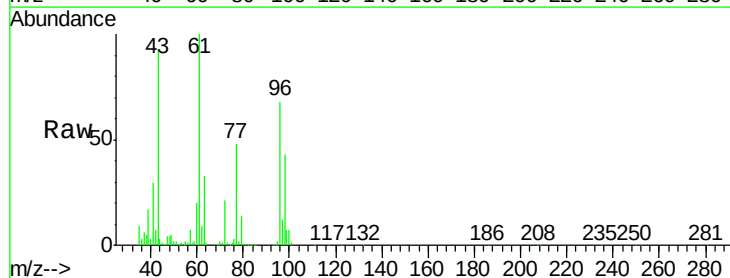
Acq: 10 May 2019 20:24

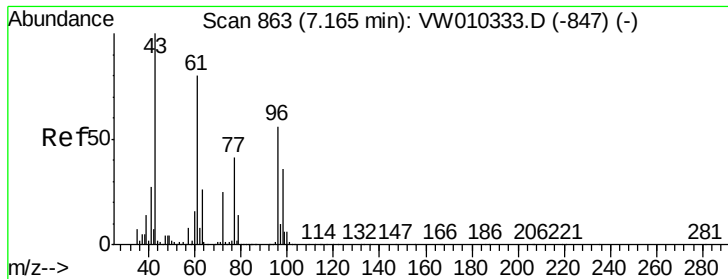
Tgt Ion: 77 Resp: 300928

Ion Ratio Lower Upper

77 100

97 24.0 11.3 33.9





#27

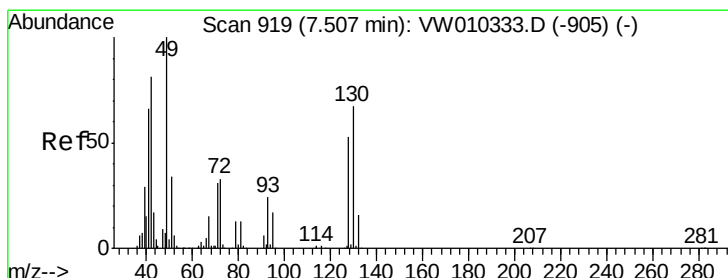
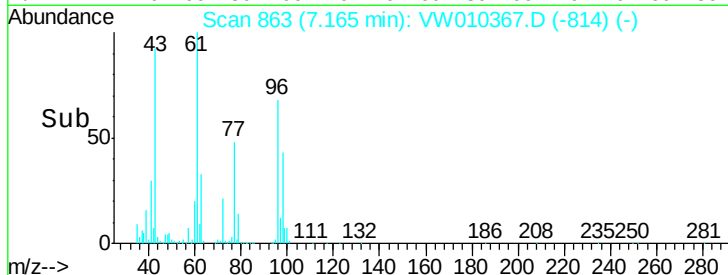
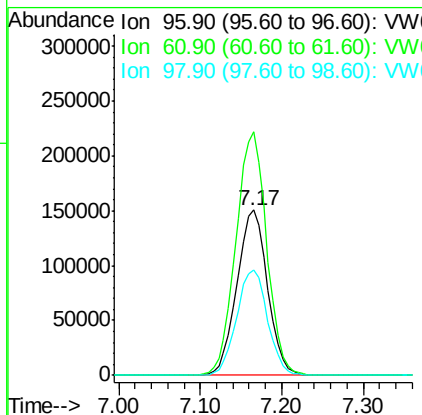
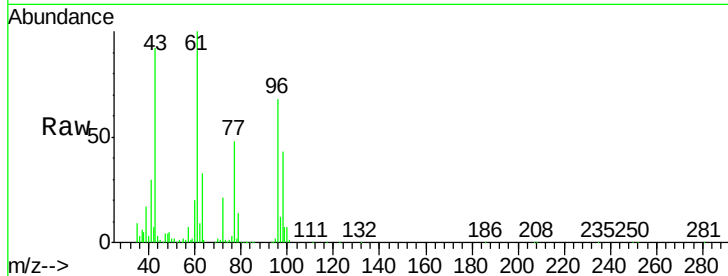
cis-1,2-Dichloroethene
Concen: 49.944 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW010367.D
Acq: 10 May 2019 20:24

Instrument :
MSVOA_W
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	391858		
61	147.7	0.0	309.4	
98	64.3	0.0	128.6	

Manual Integrations
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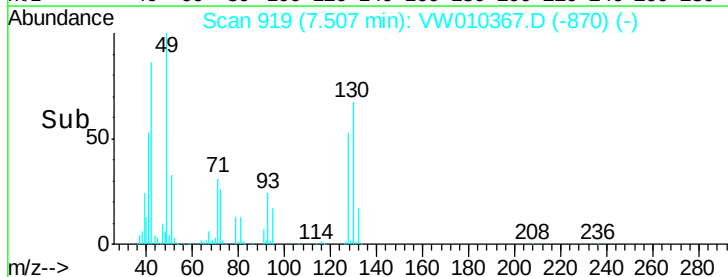
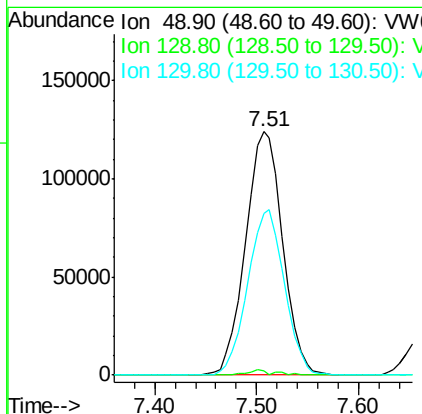
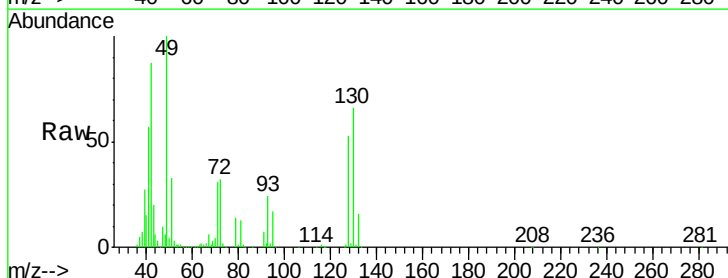
MMDadoda
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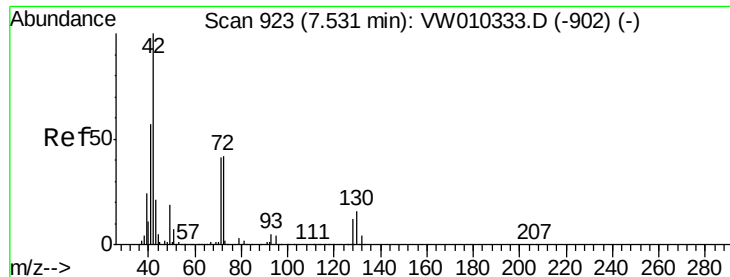


#28

Bromochloromethane
Concen: 61.631 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW010367.D
Acq: 10 May 2019 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	314116		
129	1.1	0.0	3.8	
130	66.9	54.6	82.0	





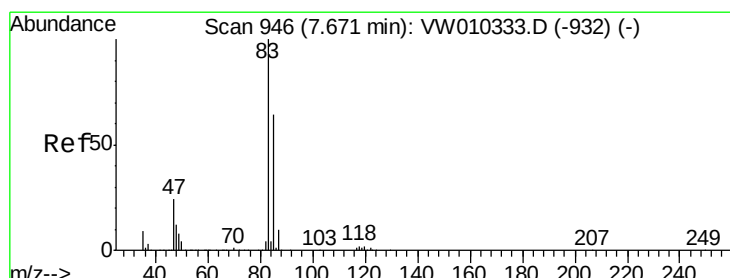
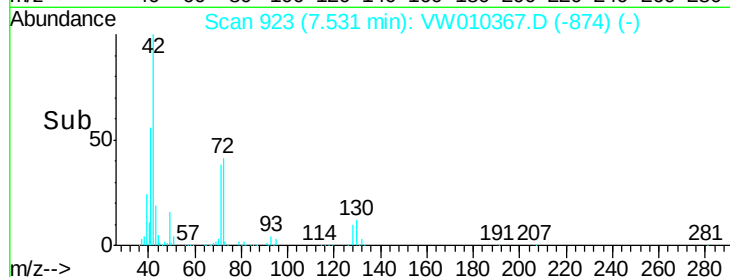
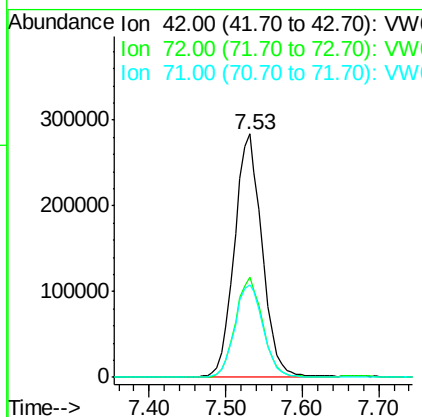
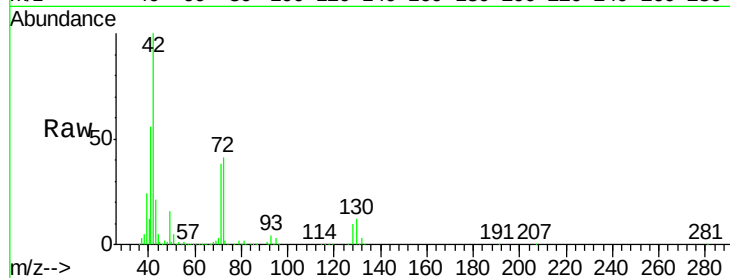
#29
Tetrahydrofuran
Concen: 396.395 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW010367.D
Acq: 10 May 2019 20:24

Instrument :
MSVOA_W
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.9	31.0	46.6
71	39.2	29.7	44.5

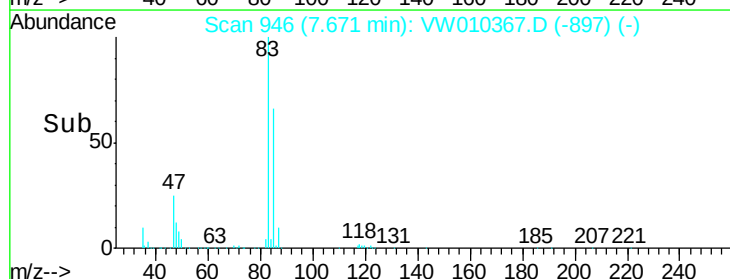
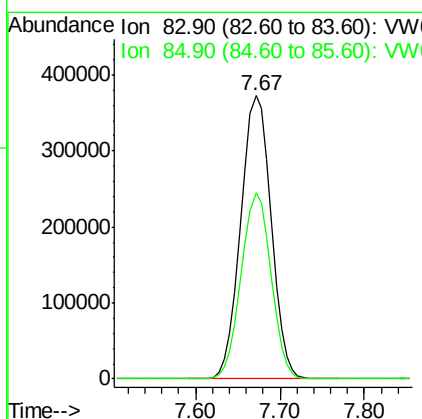
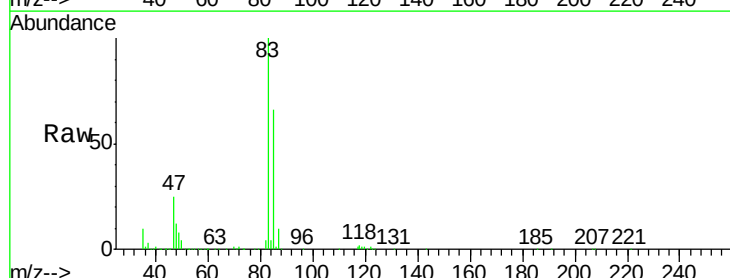
Manual Integrations
APPROVED

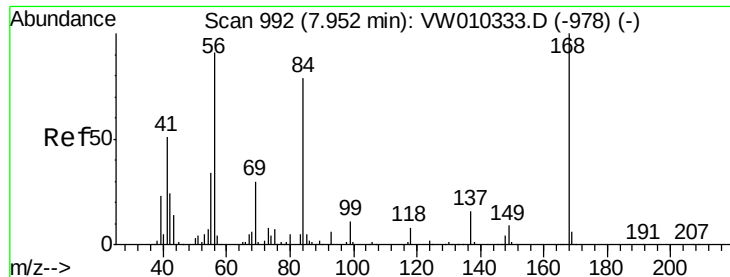
MMDadoda
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#30
Chloroform
Concen: 70.229 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW010367.D
Acq: 10 May 2019 20:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	50.7	76.1





#31

Cyclohexane

Concen: 46.187 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010367.D

Acq: 10 May 2019 20:24

Instrument :

MSVOA_W

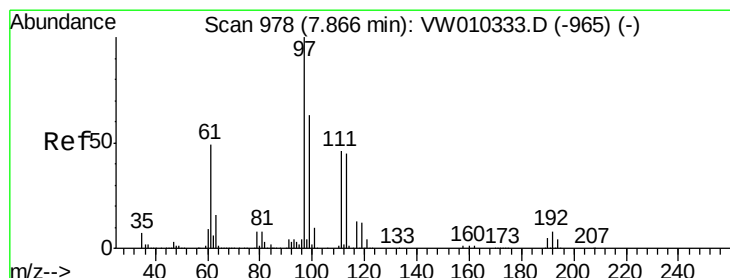
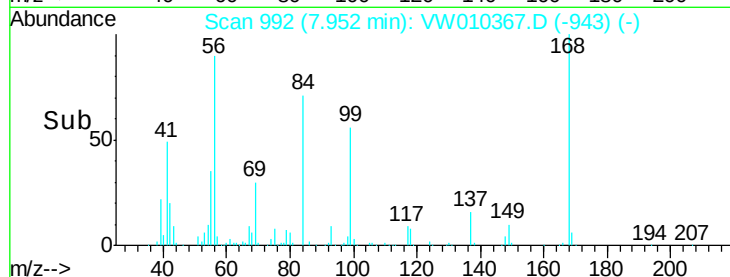
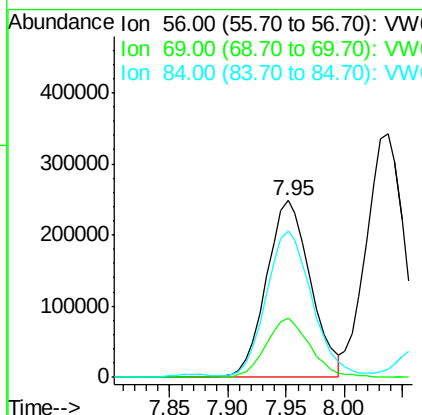
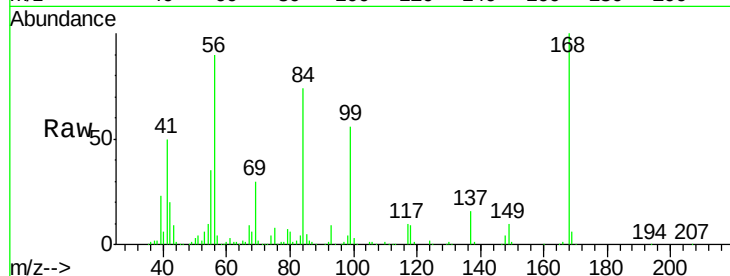
ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion:	56	Resp:	653772
Ion Ratio	Lower	Upper	
56	100		
69	33.5	26.6	40.0
84	80.5	66.2	99.2

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#32

1,1,1-Trichloroethane

Concen: 68.655 ug/l

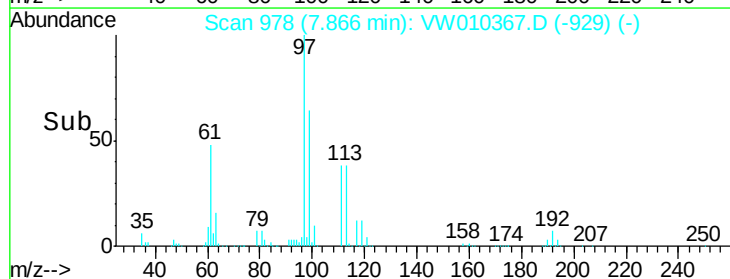
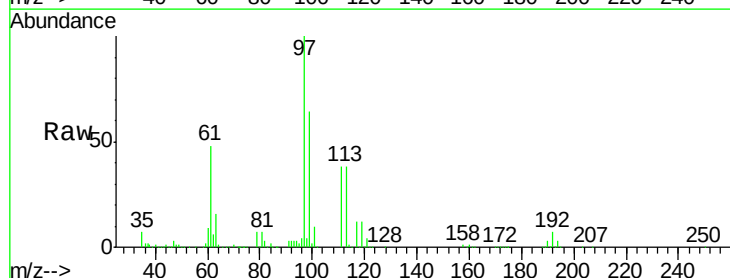
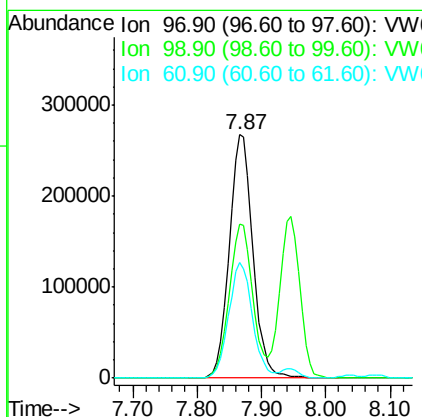
RT: 7.87 min Scan# 978

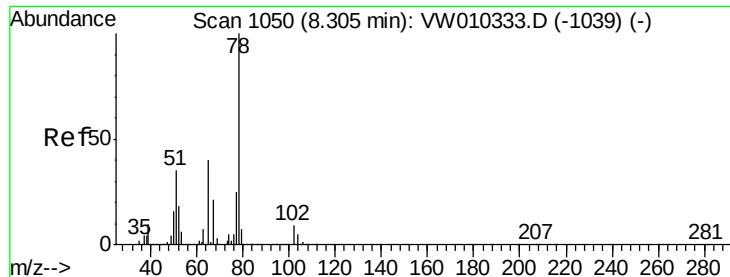
Delta R.T. -0.00 min

Lab File: VW010367.D

Acq: 10 May 2019 20:24

Tgt Ion:	97	Resp:	688011
Ion Ratio	Lower	Upper	
97	100		
99	63.3	50.2	75.2
61	47.8	38.2	57.2





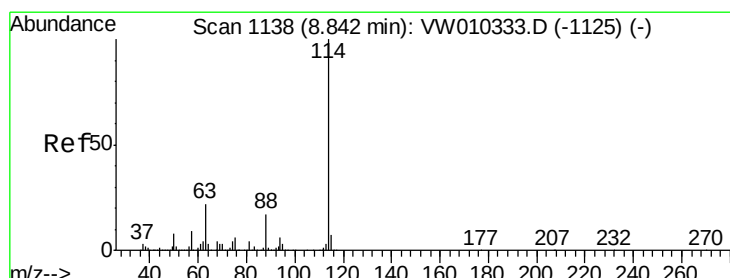
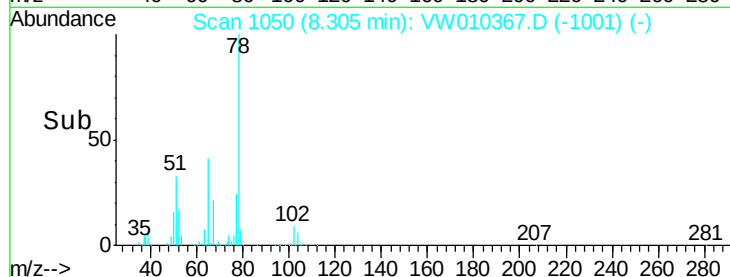
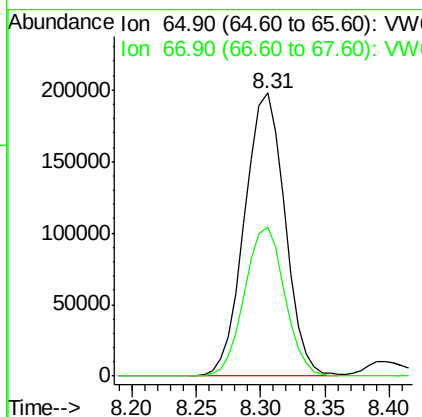
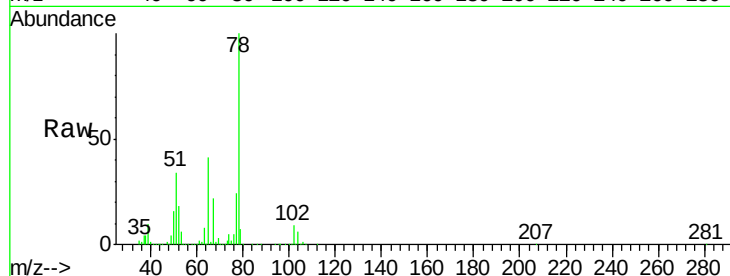
#33
 1,2-Dichloroethane-d4
 Concen: 62.193 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010367.D
 Acq: 10 May 2019 20:24

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	100.8

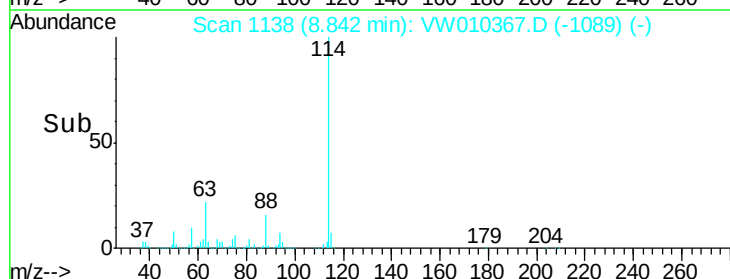
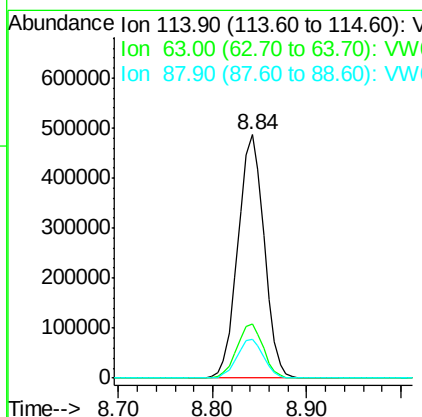
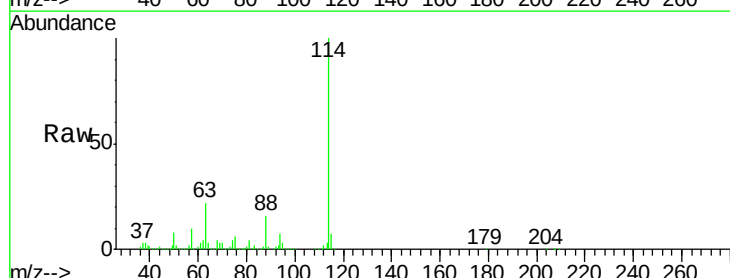
Manual Integrations
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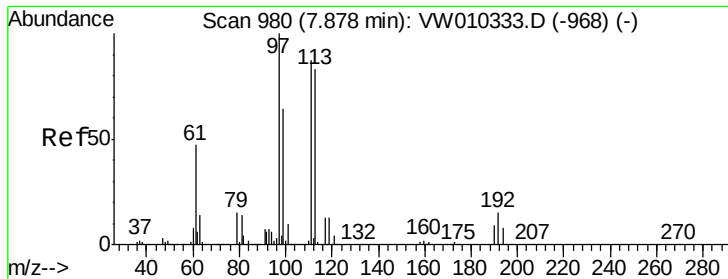
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010367.D
 Acq: 10 May 2019 20:24

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	46.2
88	16.2	0.0	32.6





#35

Dibromofluoromethane

Concen: 67.037 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW010367.D

Acq: 10 May 2019 20:24

Instrument :

MSVOA_W

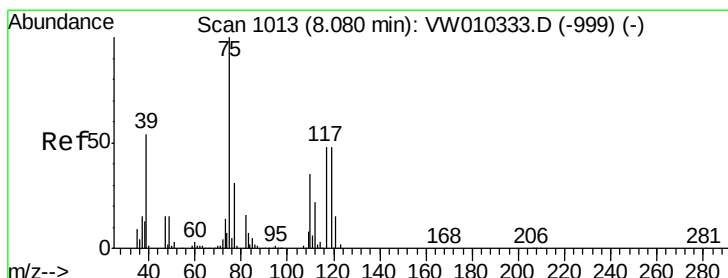
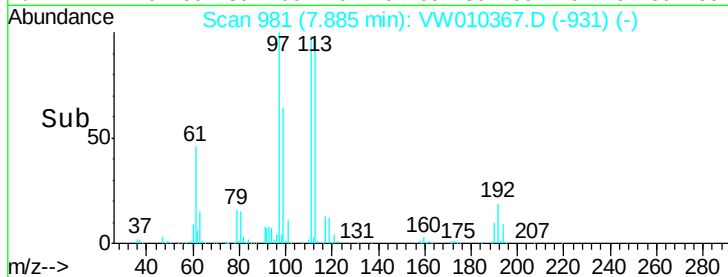
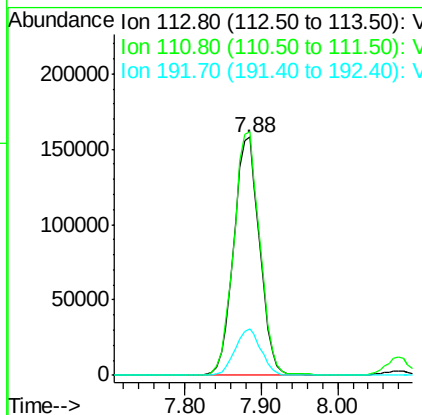
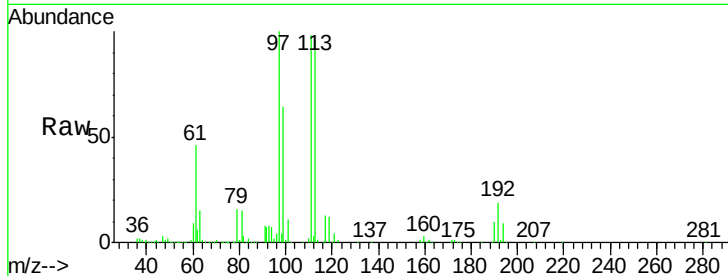
ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion:	113	Resp:	370242
Ion Ratio	Lower	Upper	
113	100		
111	103.1	82.6	123.8
192	19.5	15.4	23.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 43.501 ug/l

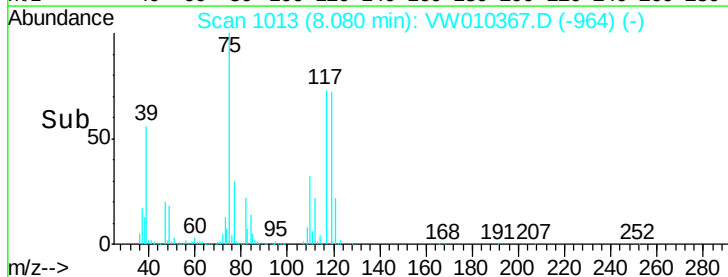
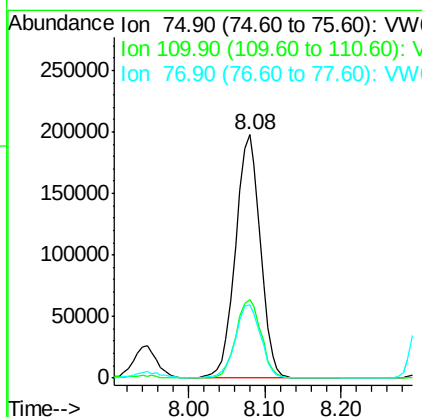
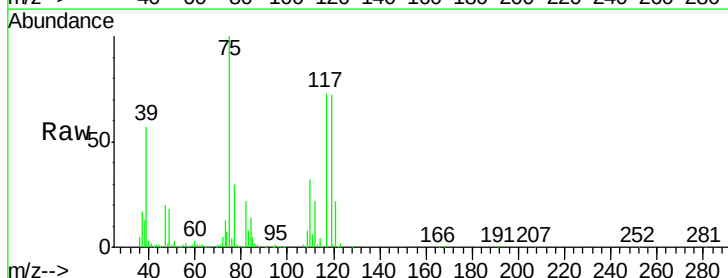
RT: 8.08 min Scan# 1013

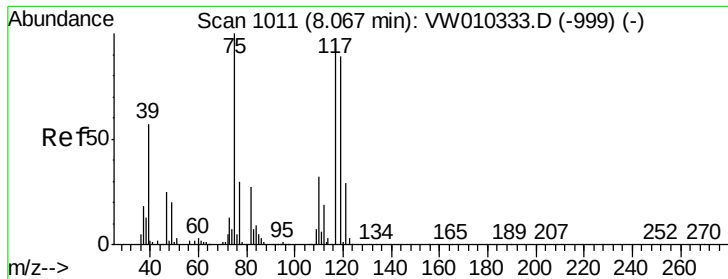
Delta R.T. -0.00 min

Lab File: VW010367.D

Acq: 10 May 2019 20:24

Tgt Ion:	75	Resp:	445154
Ion Ratio	Lower	Upper	
75	100		
110	32.7	16.6	49.8
77	31.1	24.8	37.2





#38

Carbon Tetrachloride

Concen: 66.146 ug/l

RT: 8.06 min Scan# 1010

Delta R.T. -0.01 min

Lab File: VW010367.D

Acq: 10 May 2019 20:24

Instrument :

MSVOA_W

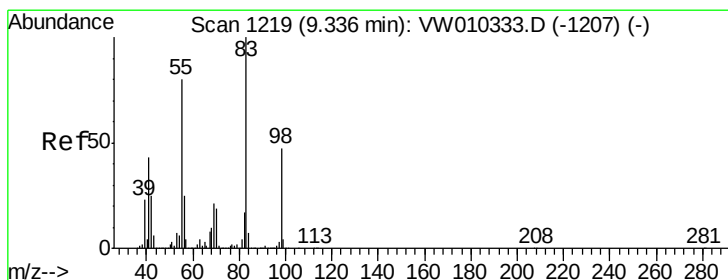
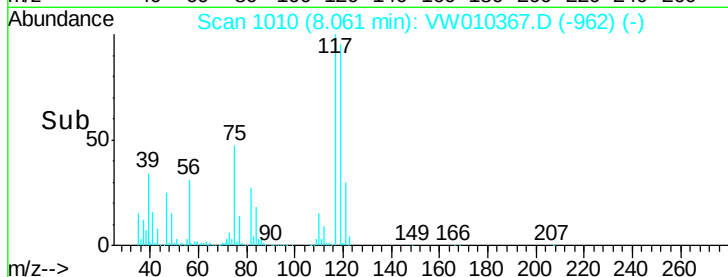
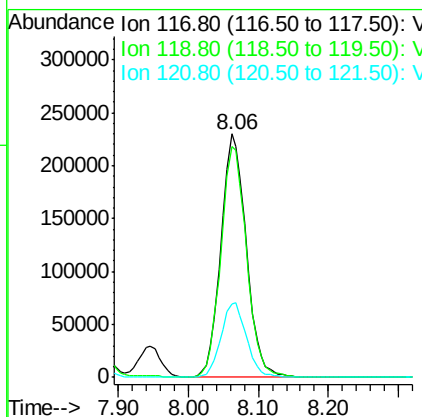
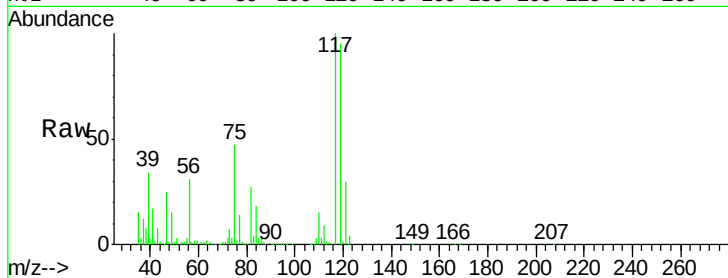
ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion:	117	Resp:	580236
Ion Ratio		Lower	Upper
117	100		
119	94.9	75.3	112.9
121	30.3	24.4	36.6

Manual Integrations
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#39

Methylcyclohexane

Concen: 32.789 ug/l

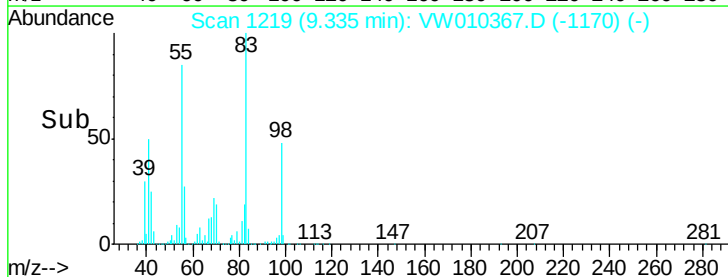
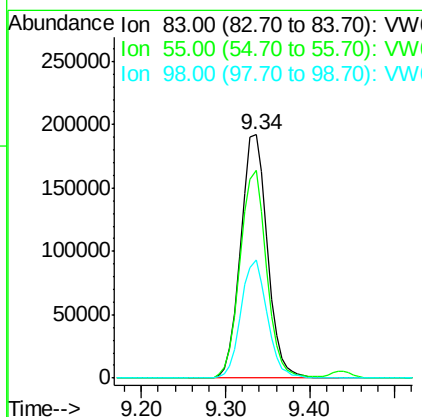
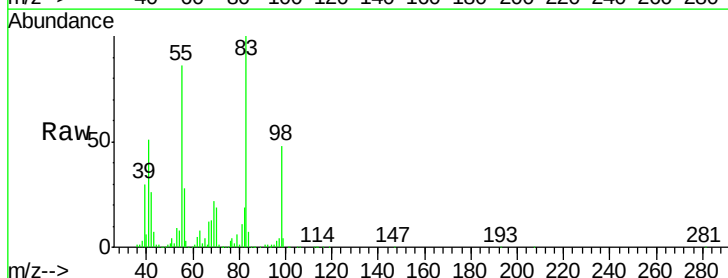
RT: 9.34 min Scan# 1219

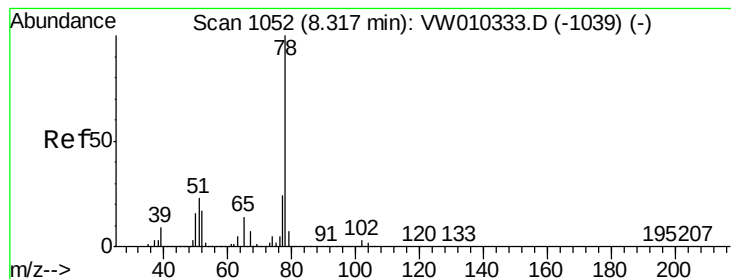
Delta R.T. -0.00 min

Lab File: VW010367.D

Acq: 10 May 2019 20:24

Tgt Ion:	83	Resp:	410467
Ion Ratio		Lower	Upper
83	100		
55	85.5	67.1	100.7
98	48.4	39.2	58.8





#40

Benzene

Concen: 64.902 ug/l

RT: 8.32 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VW010367.D

Acq: 10 May 2019 20:24

Instrument :

MSVOA_W

ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion: 78 Resp: 1818902

Ion Ratio Lower Upper

78 100

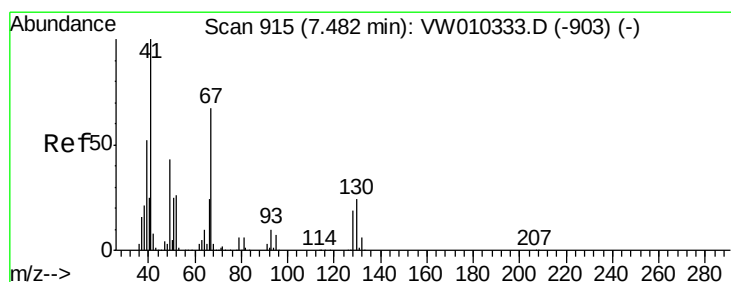
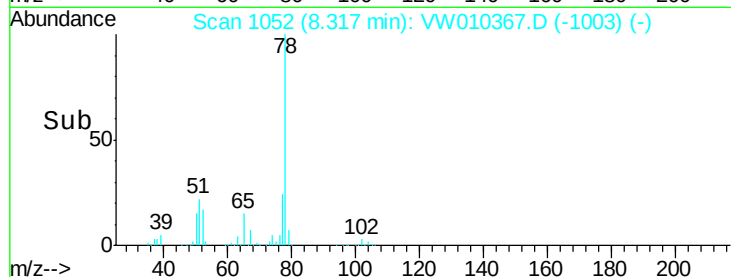
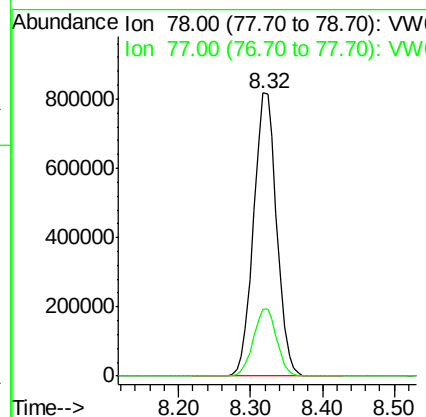
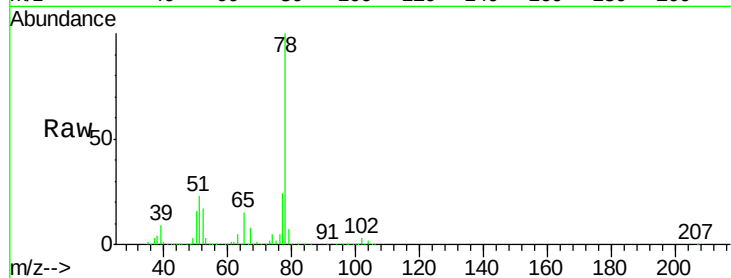
77 23.9 19.1 28.7

Manual Integrations

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#41

Methacrylonitrile

Concen: 157.011 ug/l

RT: 7.53 min Scan# 923

Delta R.T. 0.05 min

Lab File: VW010367.D

Acq: 10 May 2019 20:24

Tgt Ion: 41 Resp: 479767

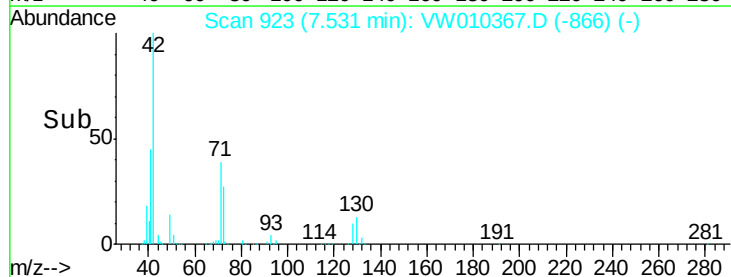
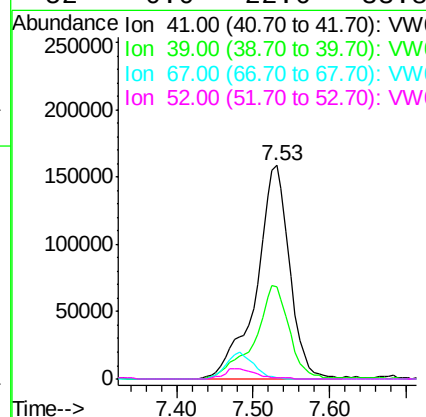
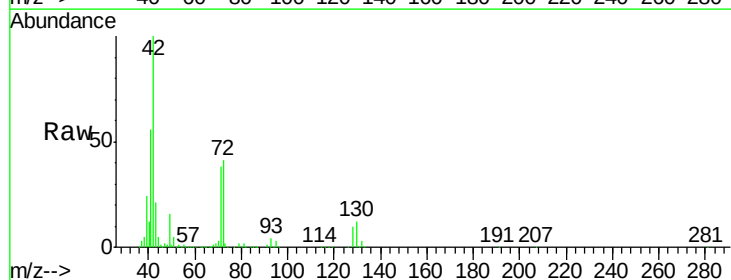
Ion Ratio Lower Upper

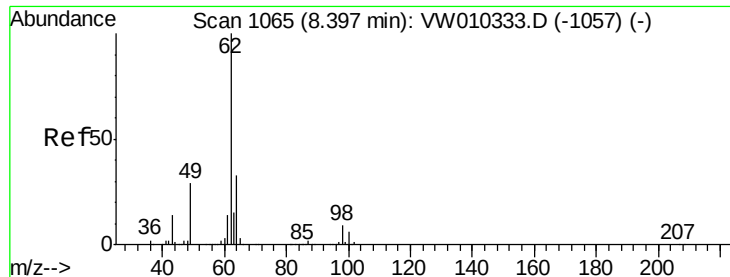
41 100

39 45.7 45.0 67.4

67 0.0 50.7 76.1#

52 0.0 22.6 33.8#





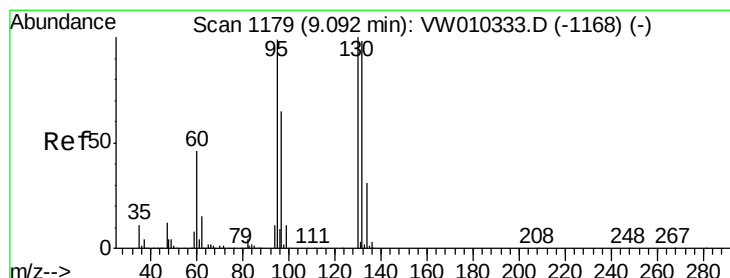
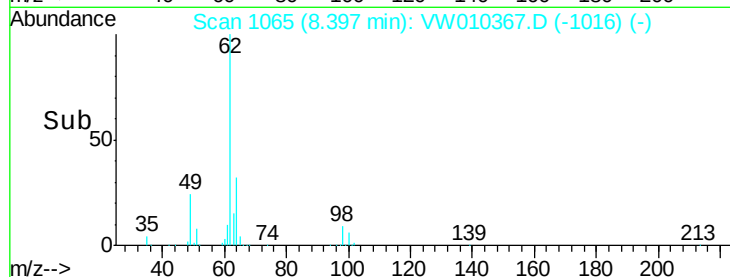
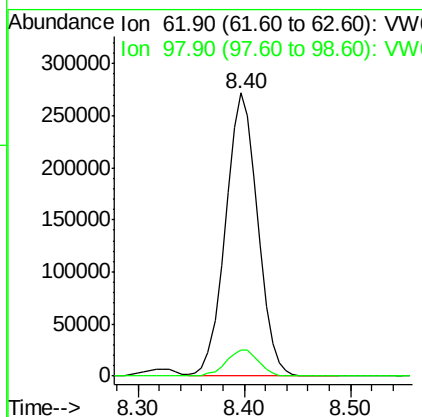
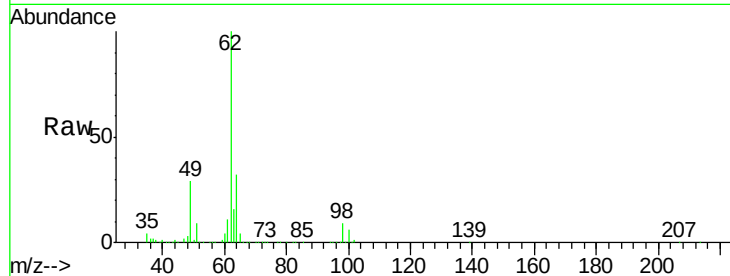
#42
 1,2-Dichloroethane
 Concen: 71.409 ug/l
 RT: 8.40 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: VW010367.D
 Acq: 10 May 2019 20:24

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS006-0002-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
62	100	572838		
98	9.4	0.0	16.6	

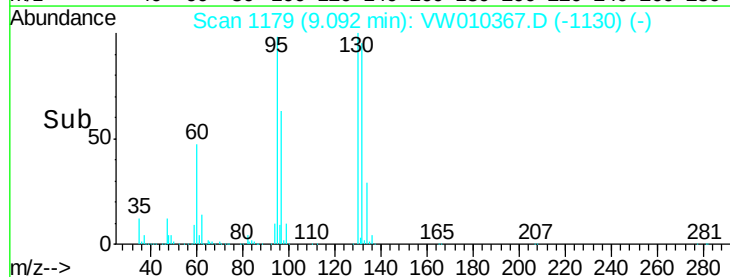
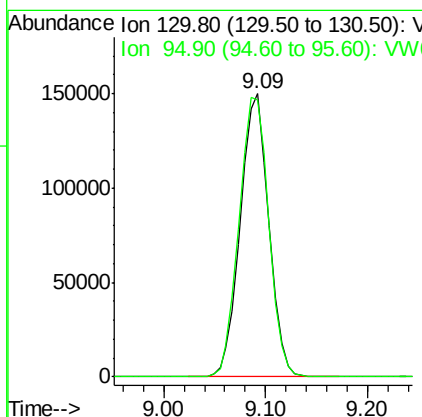
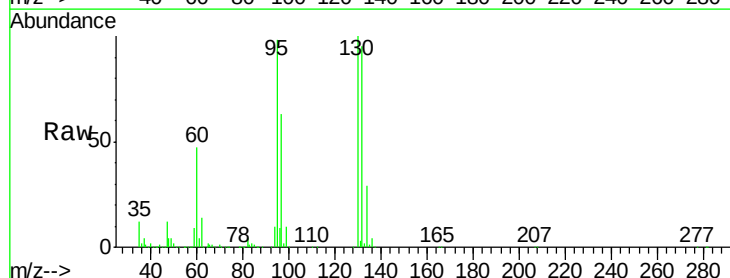
Manual Integrations
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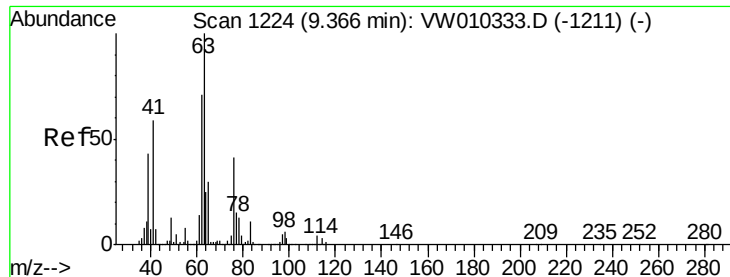
MMDadoda
 5/11/2019 12:12:29 PM



#44
 Trichloroethene
 Concen: 41.438 ug/l
 RT: 9.09 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VW010367.D
 Acq: 10 May 2019 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	290734		
95	97.8	0.0	205.4	





#45

1,2-Dichloropropane

Concen: 78.237 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW010367.D

Acq: 10 May 2019 20:24

Instrument :

MSVOA_W

ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion: 63 Resp: 545021

Ion Ratio Lower Upper

63 100

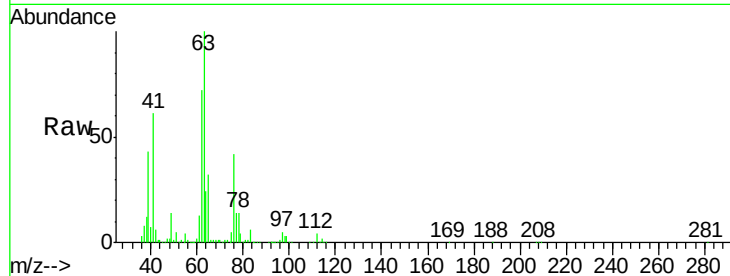
65 31.7 23.8 35.6

Manual Integrations

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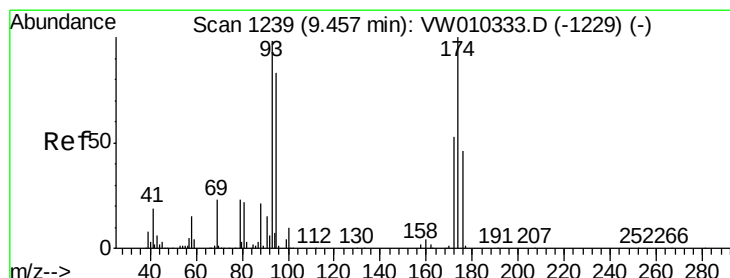
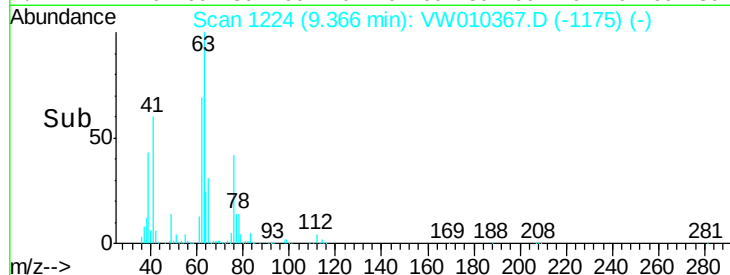
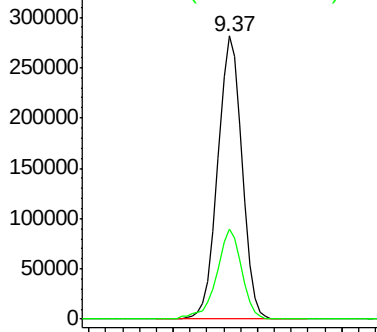
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Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 60.913 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW010367.D

Acq: 10 May 2019 20:24

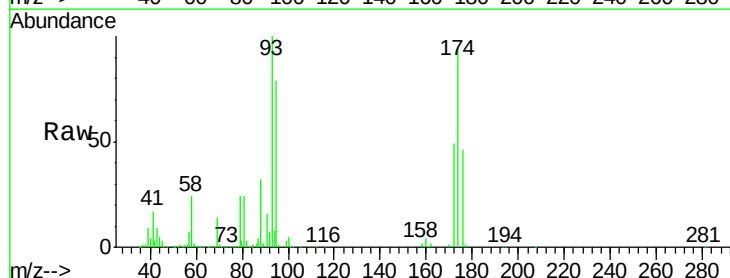
Tgt Ion: 93 Resp: 219215

Ion Ratio Lower Upper

93 100

95 82.2 65.8 98.8

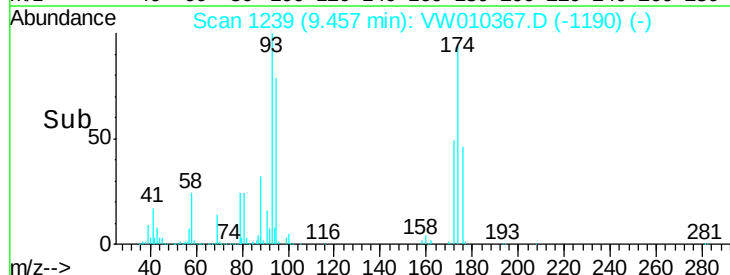
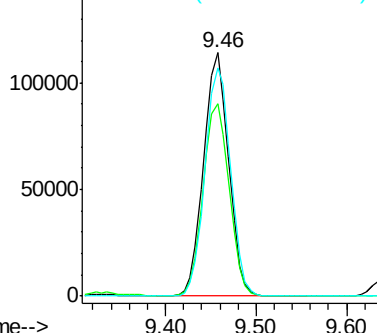
174 96.1 75.5 113.3

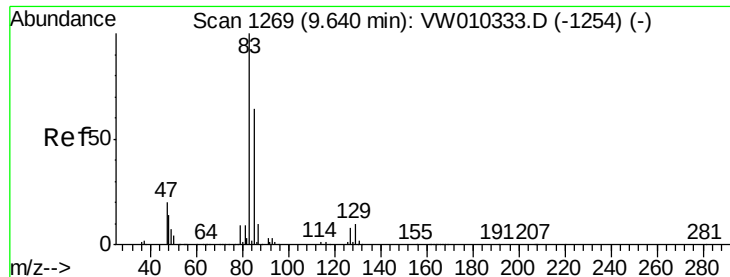


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 69.842 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW010367.D

Acq: 10 May 2019 20:24

Instrument :

MSVOA_W

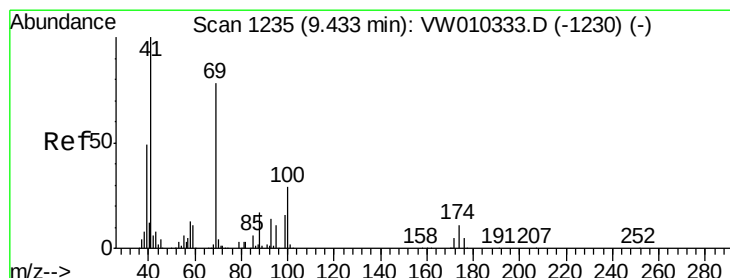
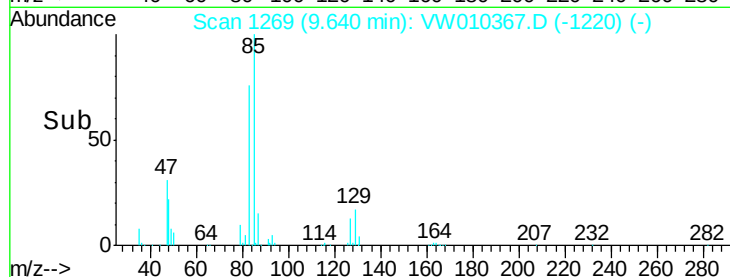
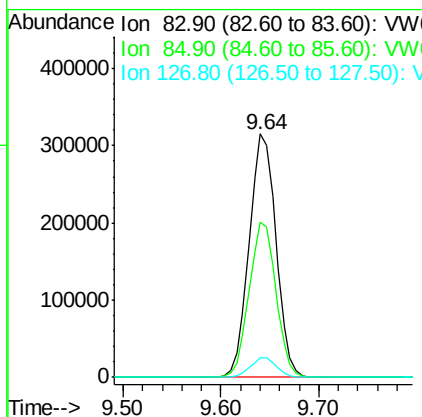
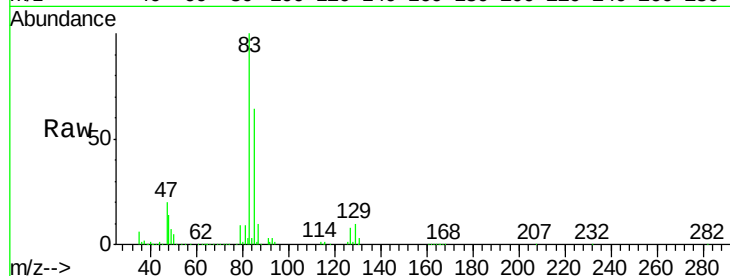
ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion:	83	Resp:	602934
Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.6	75.8
127	8.1	6.6	10.0

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#48

Methyl methacrylate

Concen: 34.696 ug/l

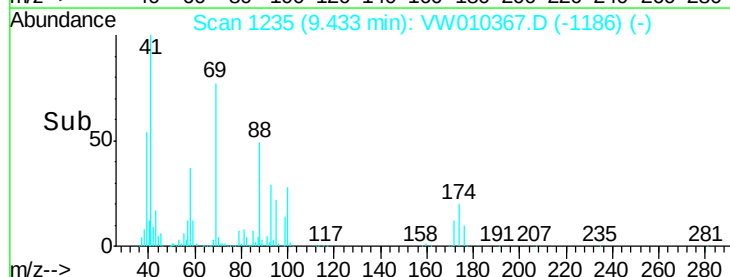
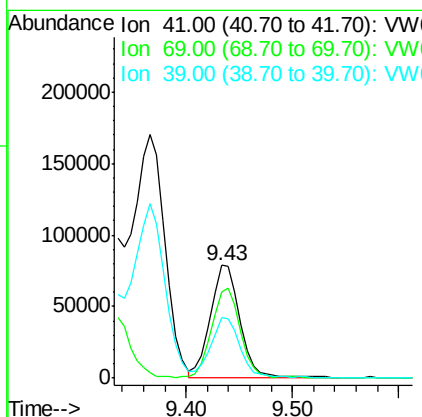
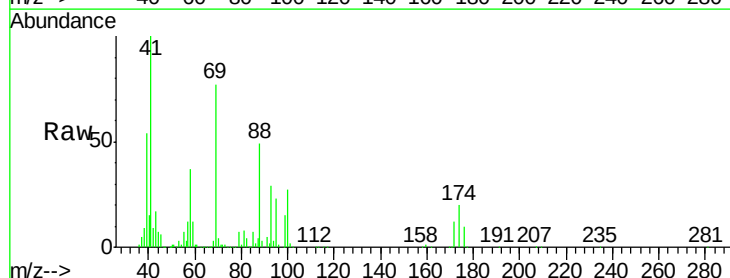
RT: 9.43 min Scan# 1235

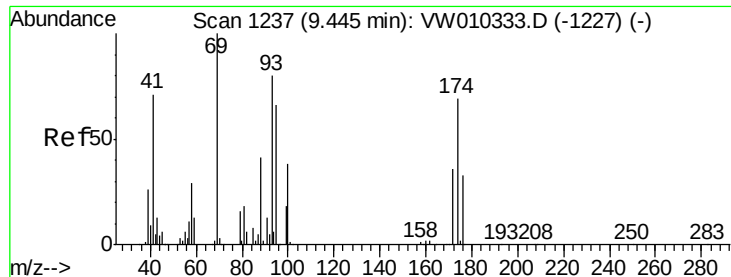
Delta R.T. -0.00 min

Lab File: VW010367.D

Acq: 10 May 2019 20:24

Tgt Ion:	41	Resp:	148242
Ion	Ratio	Lower	Upper
41	100		
69	78.1	60.1	90.1
39	51.6	51.0	76.6





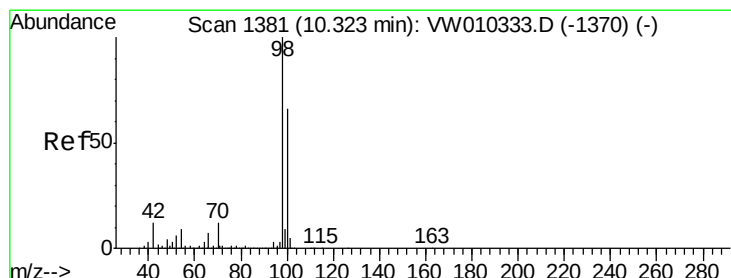
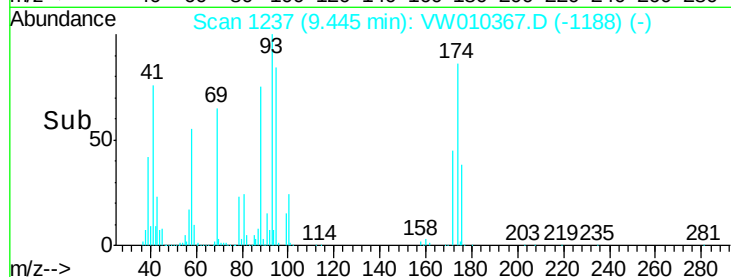
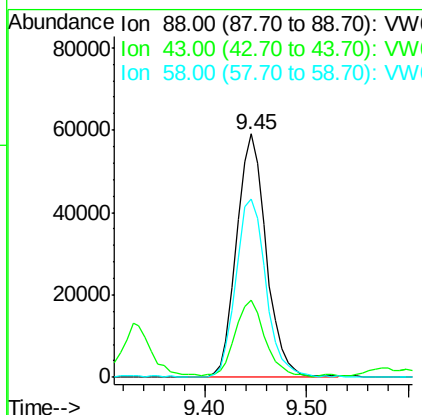
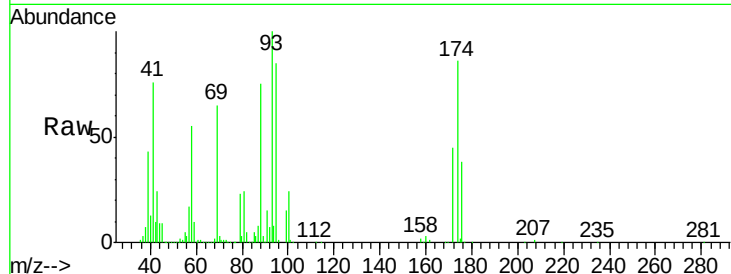
#49
 1,4-Dioxane
 Concen: 1895.562 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VW010367.D
 Acq: 10 May 2019 20:24

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS006-0002-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
88	100	118967		
43	31.6		31.9	47.9#
58	75.1		61.8	92.6

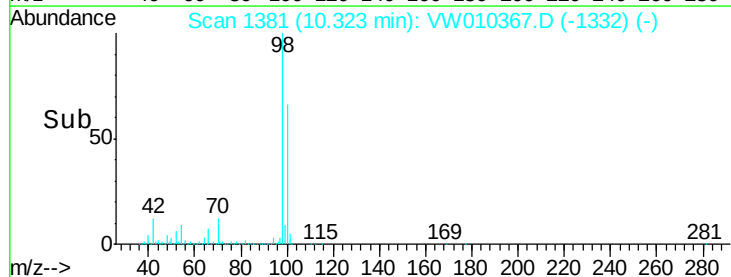
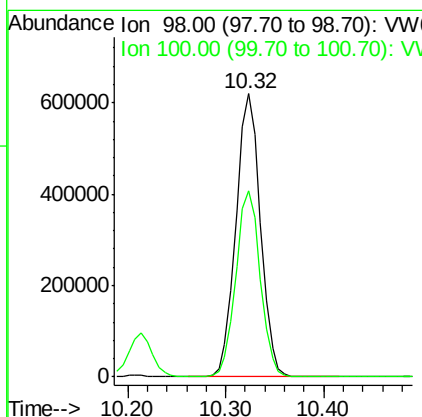
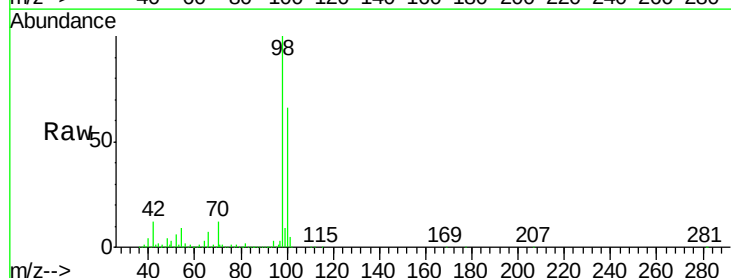
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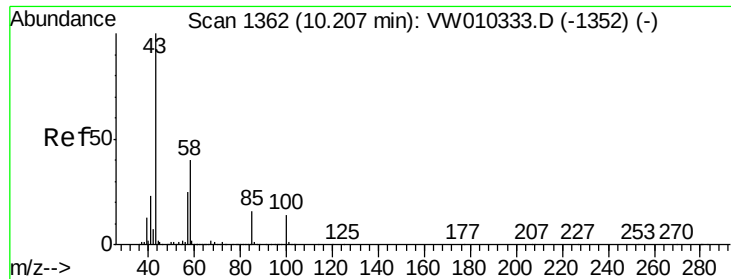
MMDadoda
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#50
 Toluene-d8
 Concen: 47.808 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW010367.D
 Acq: 10 May 2019 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	1075191		
100	65.4		52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 215.711 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW010367.D

Acq: 10 May 2019 20:24

Instrument :

MSVOA_W

ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion: 43 Resp: 1117705

Ion Ratio Lower Upper

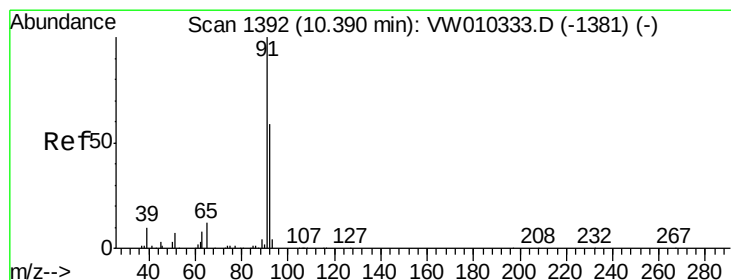
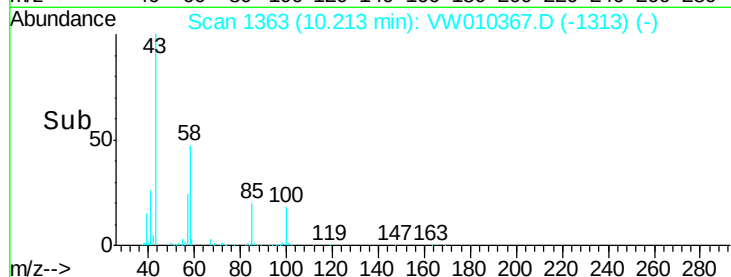
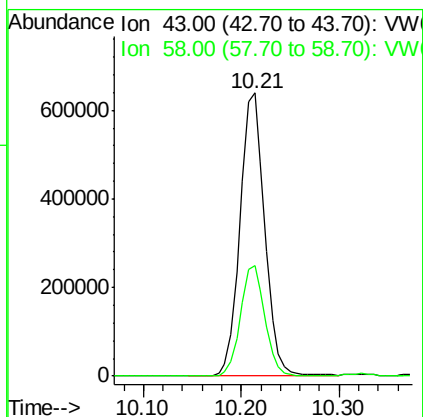
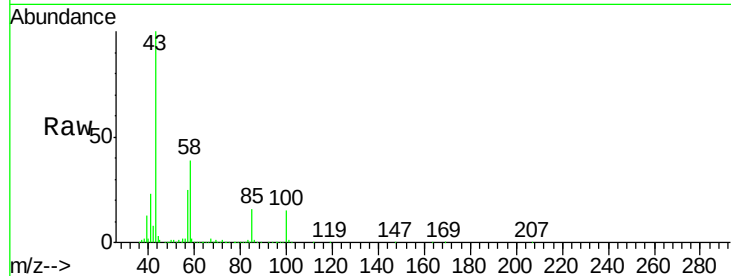
43 100

58 38.8 28.9 43.3

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#52

Toluene

Concen: 50.141 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010367.D

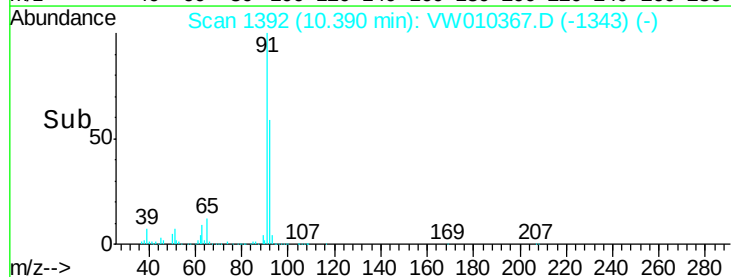
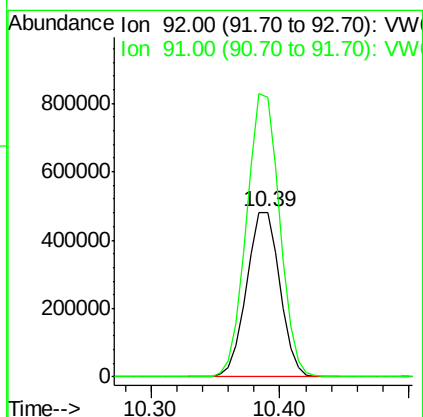
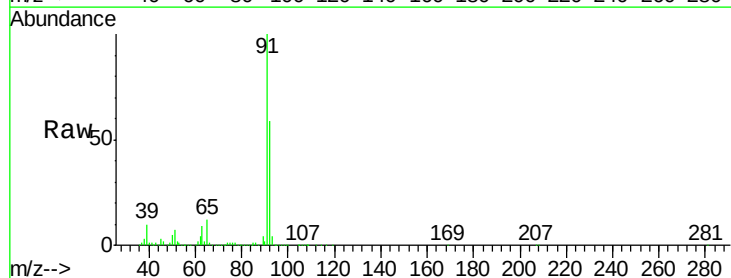
Acq: 10 May 2019 20:24

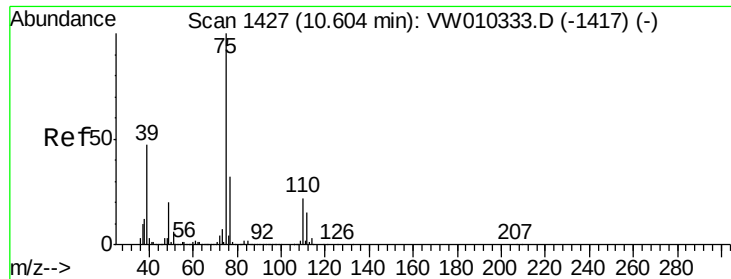
Tgt Ion: 92 Resp: 858890

Ion Ratio Lower Upper

92 100

91 170.9 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 30.192 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW010367.D

Acq: 10 May 2019 20:24

Instrument :

MSVOA_W

ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion: 75 Resp: 264011

Ion Ratio Lower Upper

75 100

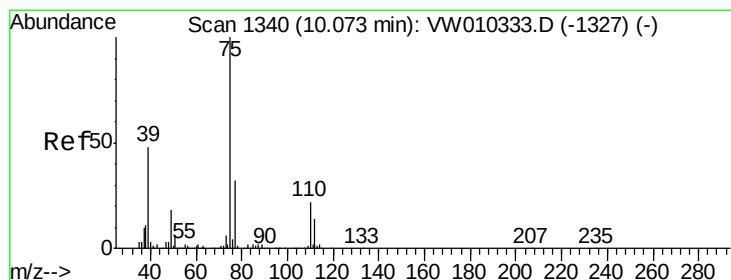
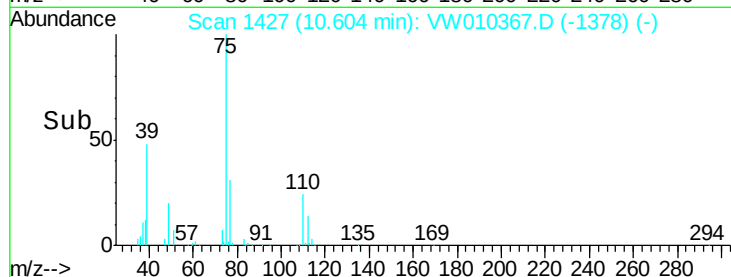
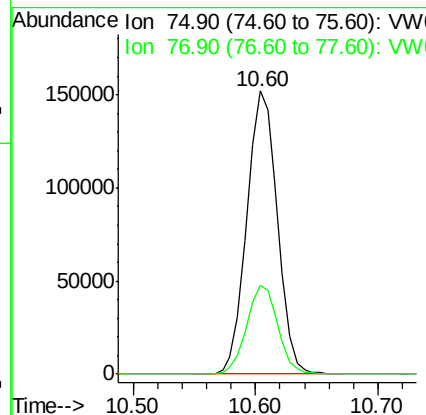
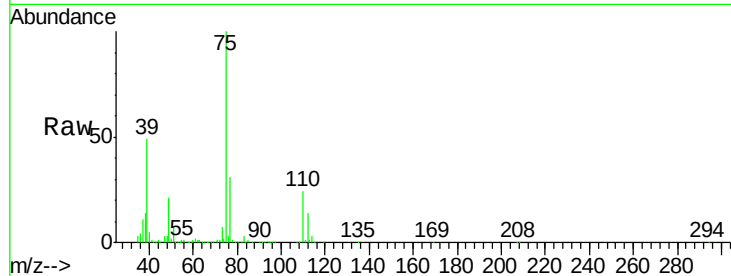
77 31.1 26.9 40.3

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#54

cis-1,3-Dichloropropene

Concen: 31.993 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW010367.D

Acq: 10 May 2019 20:24

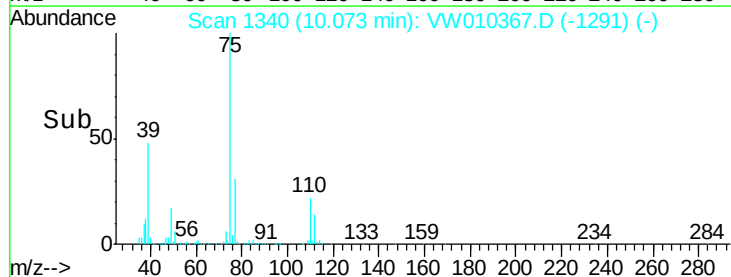
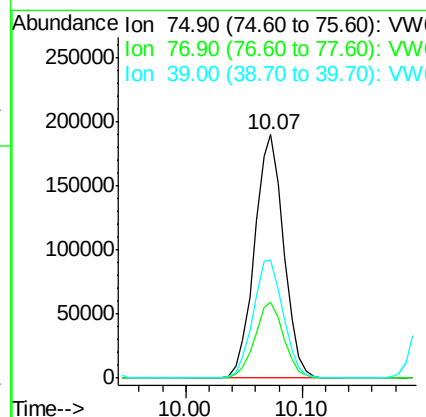
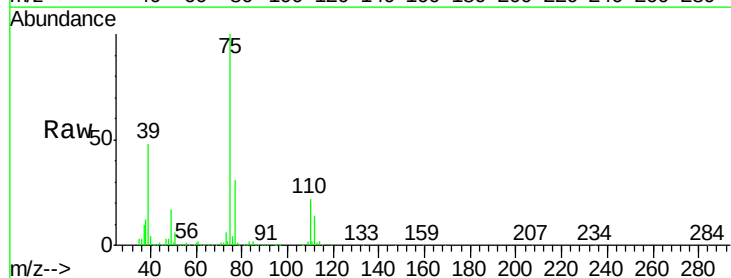
Tgt Ion: 75 Resp: 331321

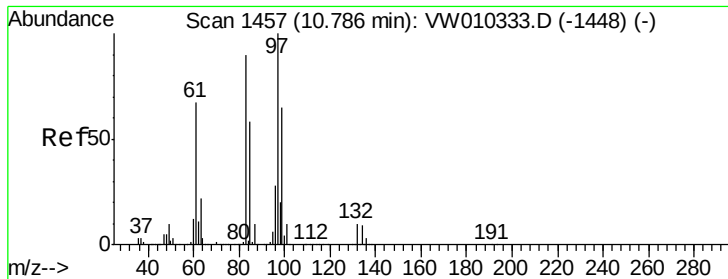
Ion Ratio Lower Upper

75 100

77 31.1 25.6 38.4

39 48.0 47.8 71.6





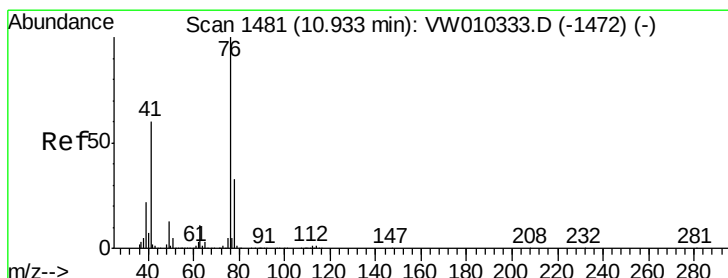
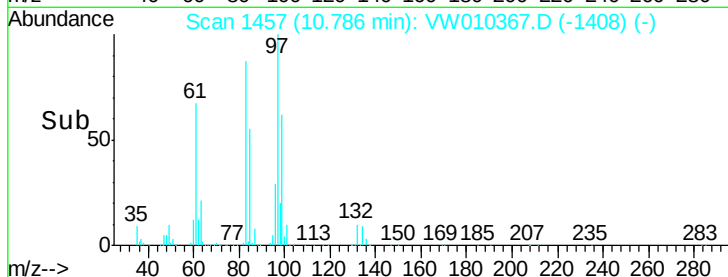
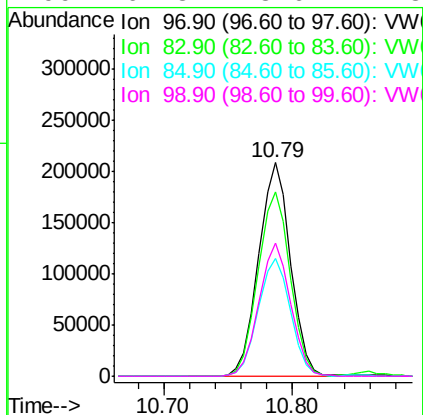
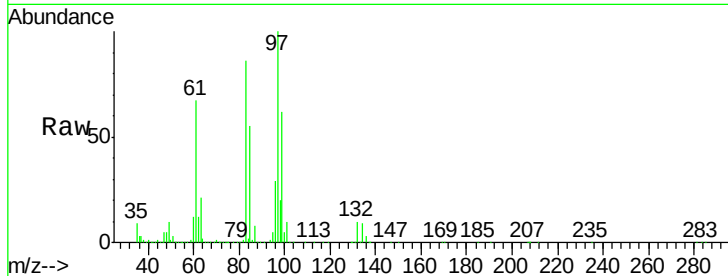
#55
 1,1,2-Trichloroethane
 Concen: 69.823 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010367.D
 Acq: 10 May 2019 20:24

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS006-0002-01MSD

Tot Ion:	97	Resp:	356902
Ion	Ratio	Lower	Upper
97	100		
83	86.4	68.9	103.3
85	55.1	42.9	64.3
99	62.3	48.6	72.8

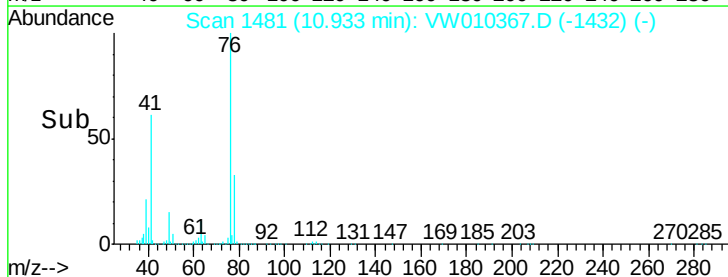
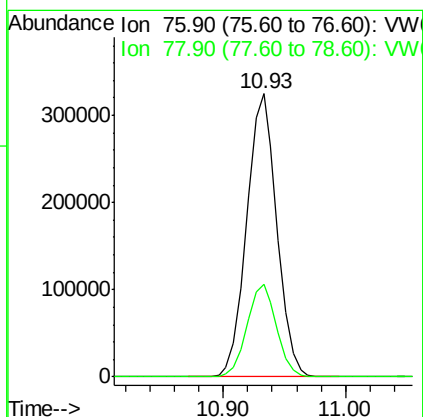
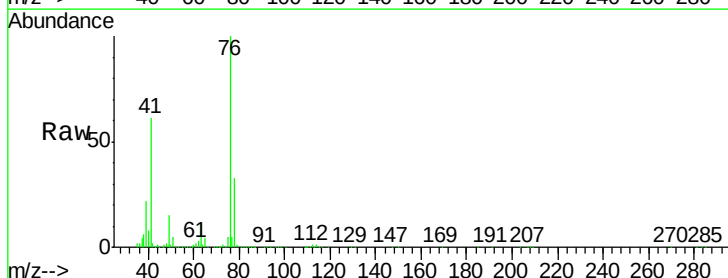
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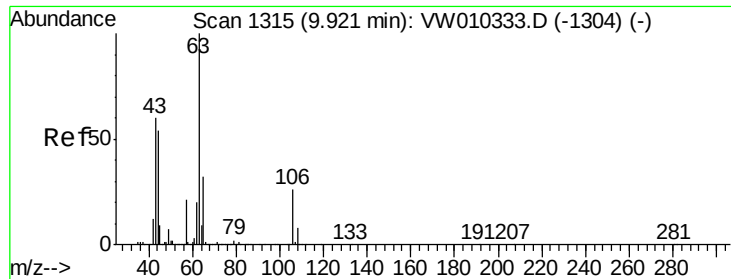
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#57
 1,3-Dichloropropane
 Concen: 60.713 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW010367.D
 Acq: 10 May 2019 20:24

Tgt Ion:	76	Resp:	554793
Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.8	38.8





#58

2-Chloroethyl Vinyl ether

Concen: 206.985 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW010367.D

Acq: 10 May 2019 20:24

Instrument :

MSVOA_W

ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion: 63 Resp: 668935

Ion Ratio Lower Upper

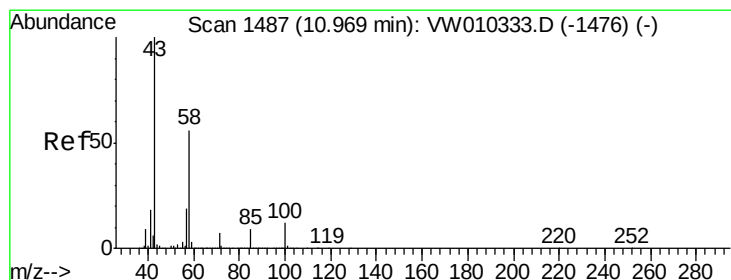
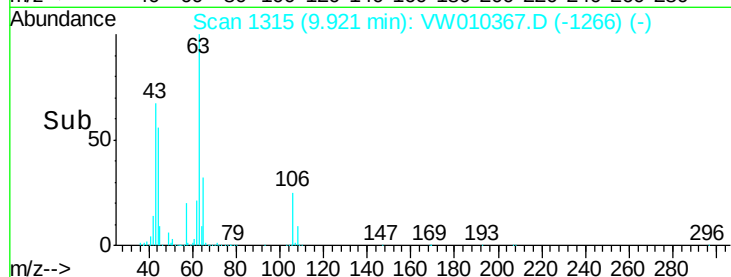
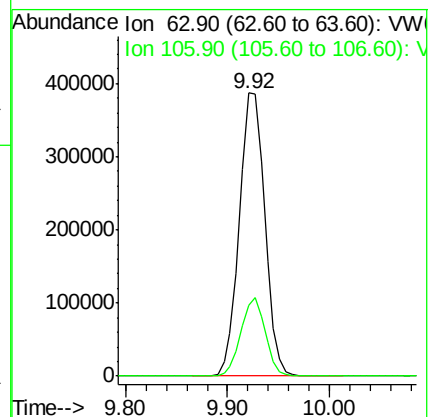
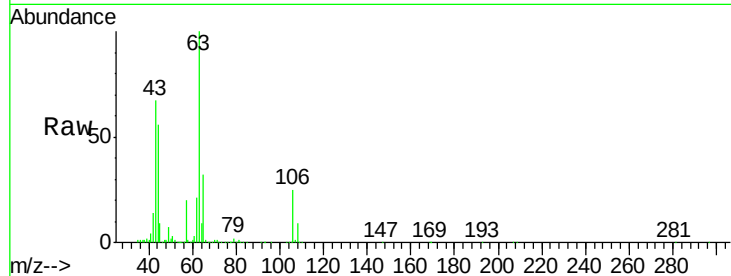
63 100

106 26.4 21.4 32.0

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#59

2-Hexanone

Concen: 68.101 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW010367.D

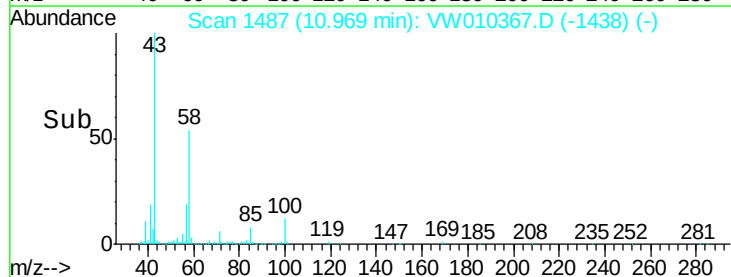
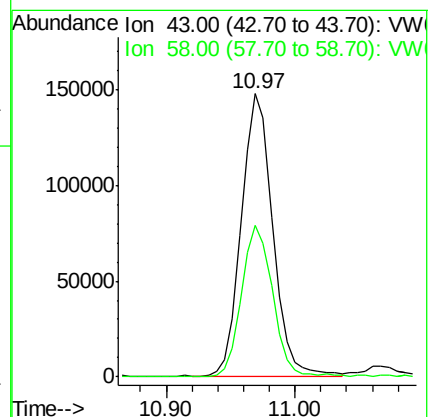
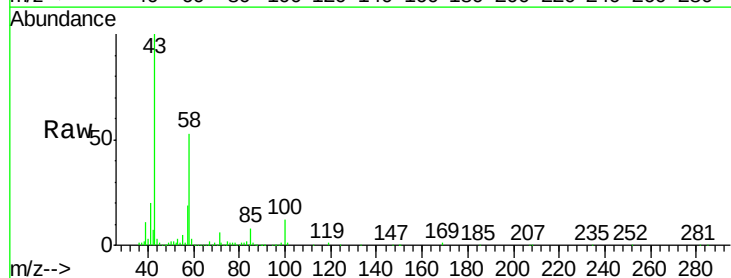
Acq: 10 May 2019 20:24

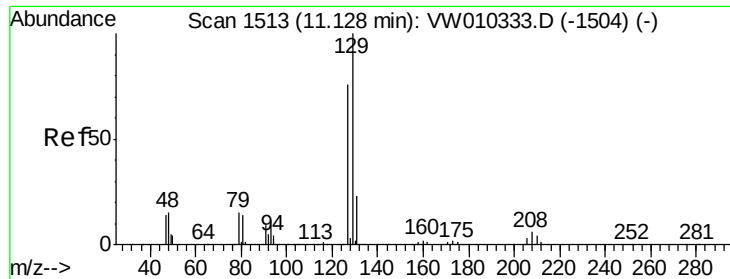
Tgt Ion: 43 Resp: 249486

Ion Ratio Lower Upper

43 100

58 53.1 24.9 74.7





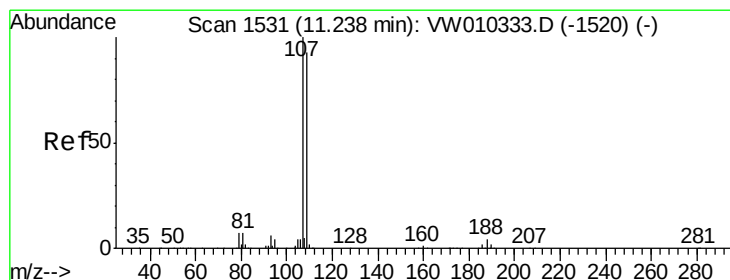
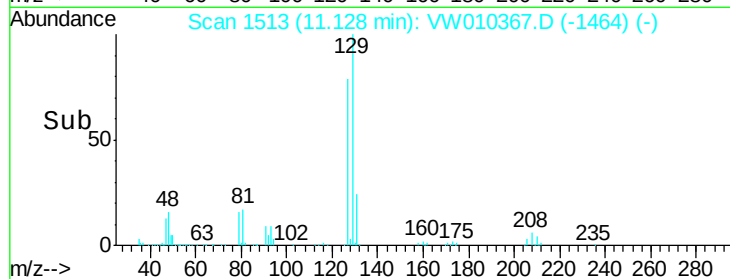
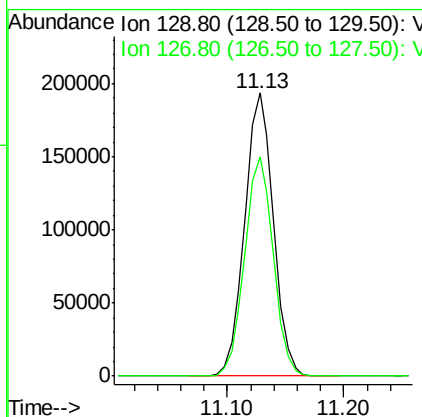
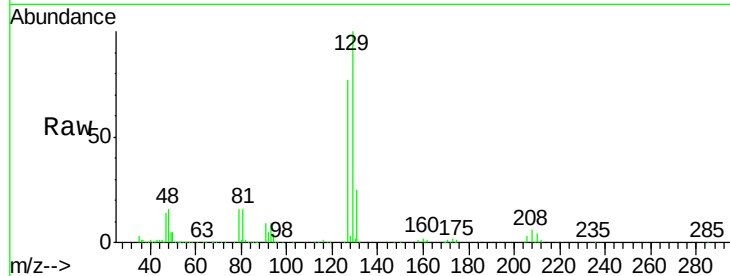
#60
 Dibromochloromethane
 Concen: 60.544 ug/l
 RT: 11.13 min Scan# 1513
 Delta R.T. -0.00 min
 Lab File: VW010367.D
 Acq: 10 May 2019 20:24

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
129	100		
127	77.2	38.6	116.0

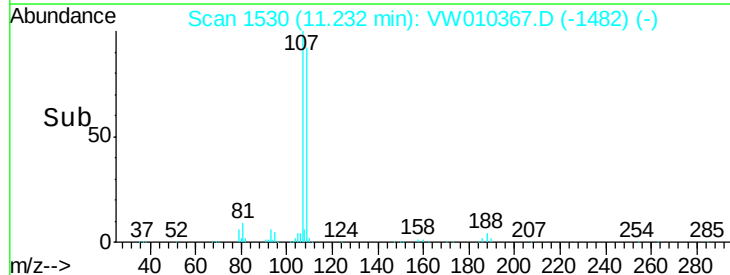
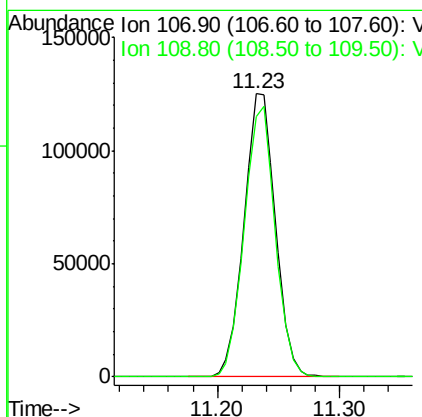
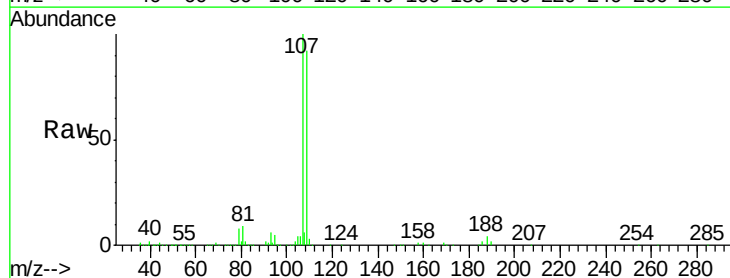
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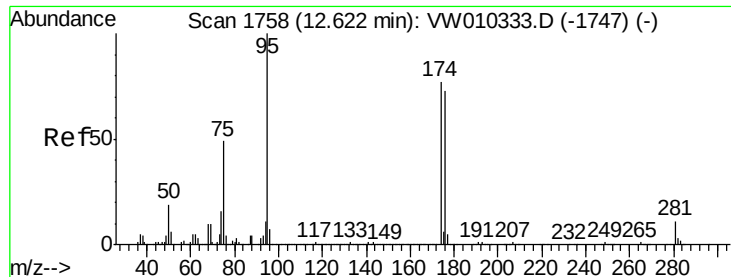
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#61
 1,2-Dibromoethane
 Concen: 45.661 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW010367.D
 Acq: 10 May 2019 20:24

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.1	73.6	110.4





#62

4-Bromofluorobenzene

Concen: 21.606 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010367.D

Acq: 10 May 2019 20:24

Instrument :

MSVOA_W

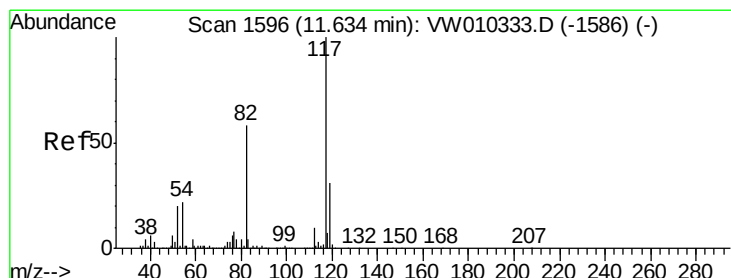
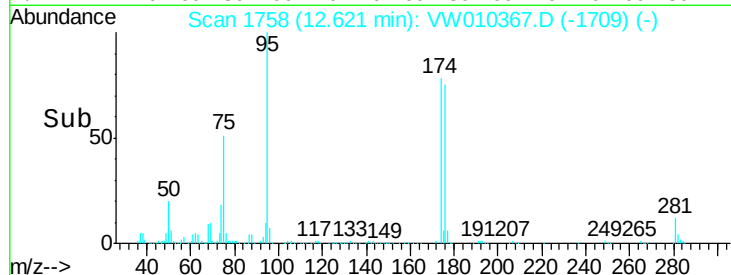
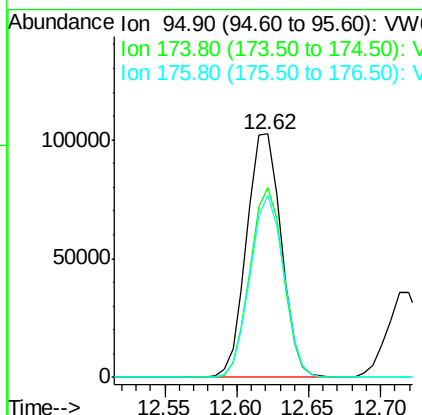
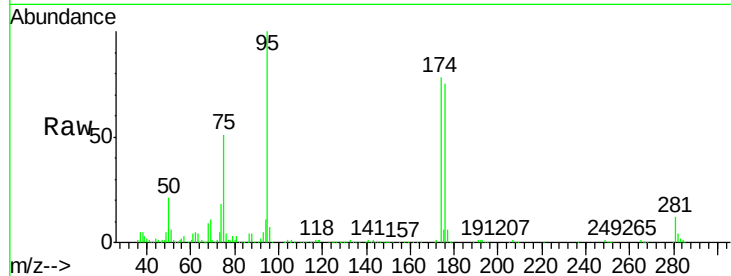
ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion:	95	Resp:	171048
Ion Ratio	Lower	Upper	
95	100		
174	74.9	0.0	151.4
176	72.7	0.0	146.2

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

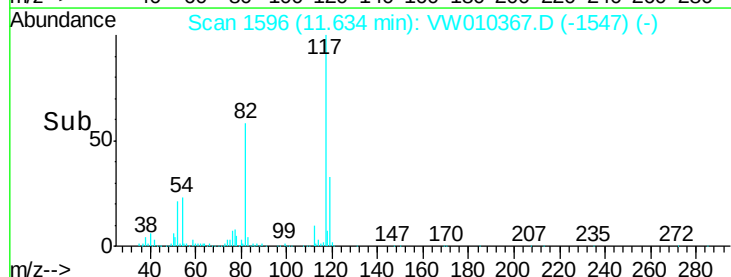
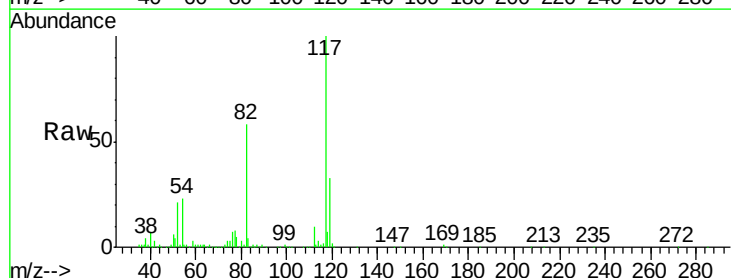
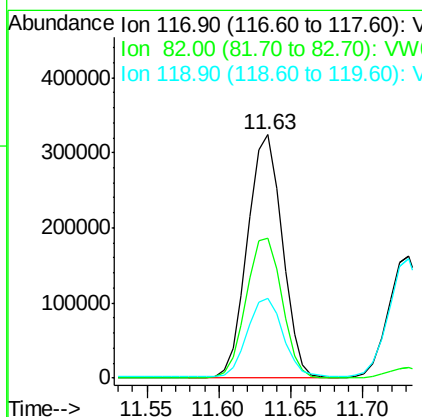
RT: 11.63 min Scan# 1596

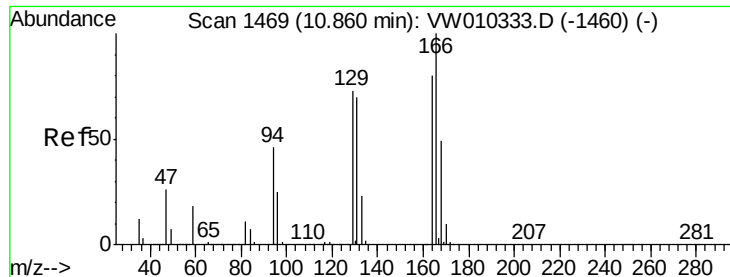
Delta R.T. -0.00 min

Lab File: VW010367.D

Acq: 10 May 2019 20:24

Tgt Ion:	117	Resp:	542985
Ion Ratio	Lower	Upper	
117	100		
82	57.5	45.2	67.8
119	32.3	25.4	38.2





#64

Tetrachloroethene

Concen: 60.840 ug/l

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW010367.D

Acq: 10 May 2019 20:24

Instrument :

MSVOA_W

ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion:164 Resp: 230893

Ion Ratio Lower Upper

164 100

166 124.4 101.2 151.8

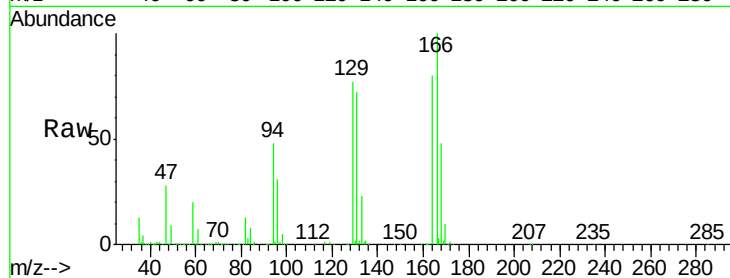
129 95.4 77.8 116.6

131 90.0 73.1 109.7

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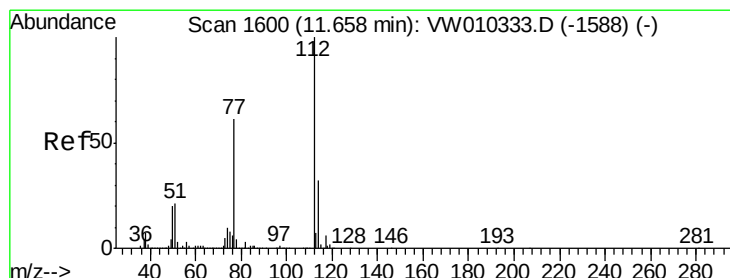
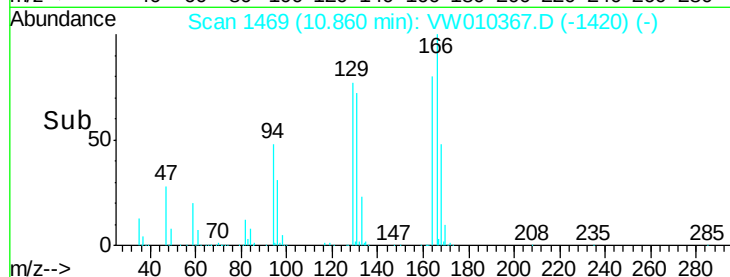
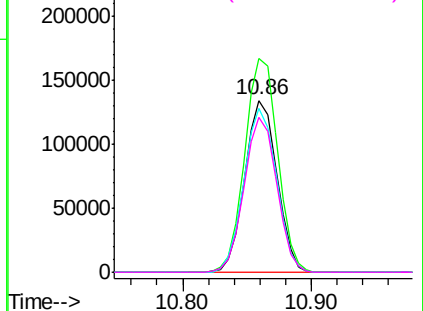


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 50.173 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW010367.D

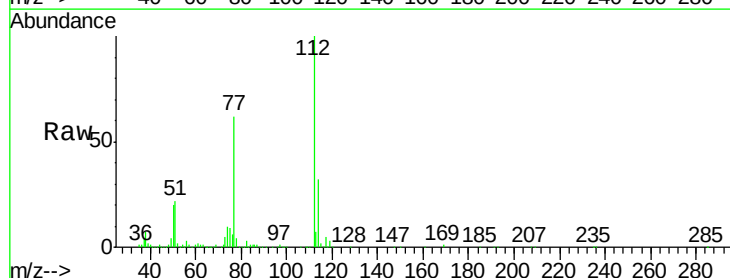
Acq: 10 May 2019 20:24

Tgt Ion:112 Resp: 563944

Ion Ratio Lower Upper

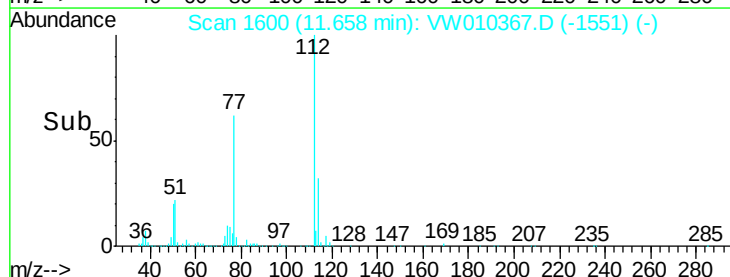
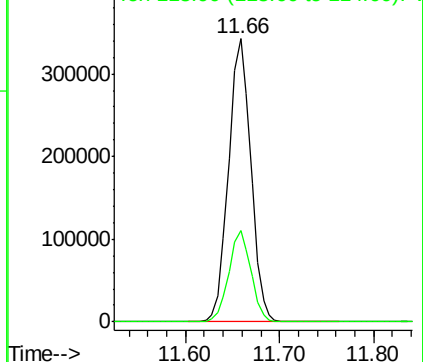
112 100

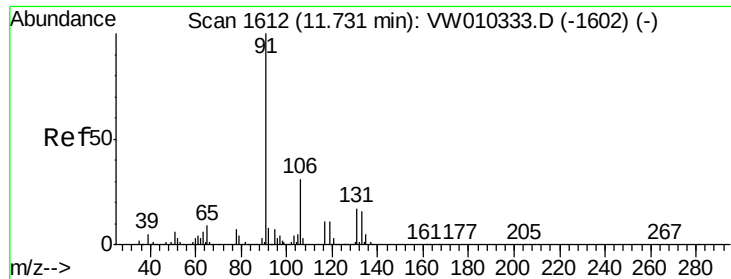
114 32.5 26.5 39.7



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 107.554 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW010367.D

Acq: 10 May 2019 20:24

Instrument :

MSVOA_W

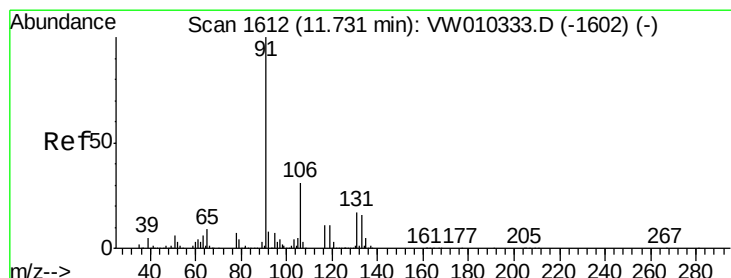
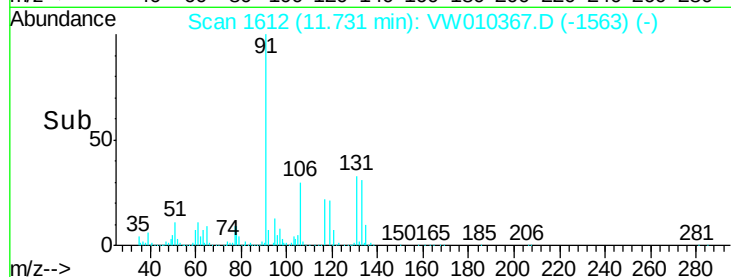
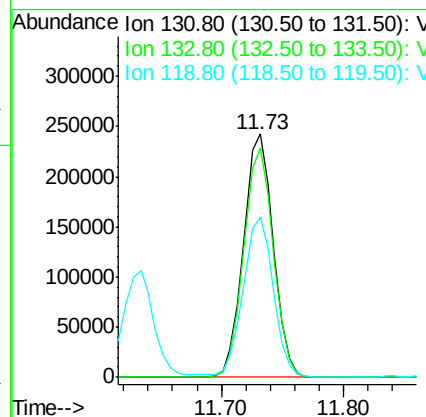
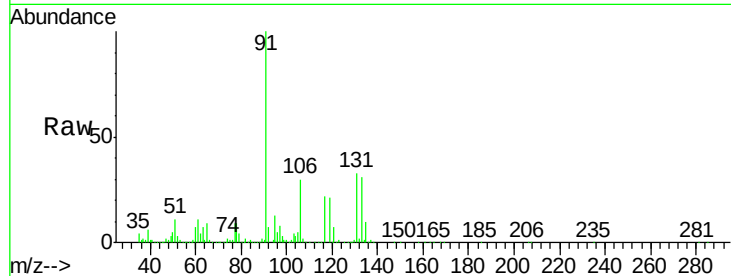
ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion:	131	Resp:	408599
Ion Ratio	Lower	Upper	
131	100		
133	93.8	46.5	139.5
119	66.8	31.9	95.5

Manual Integrations
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#67

Ethyl Benzene

Concen: 56.212 ug/l

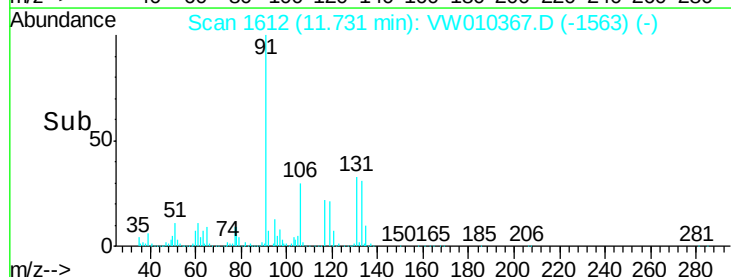
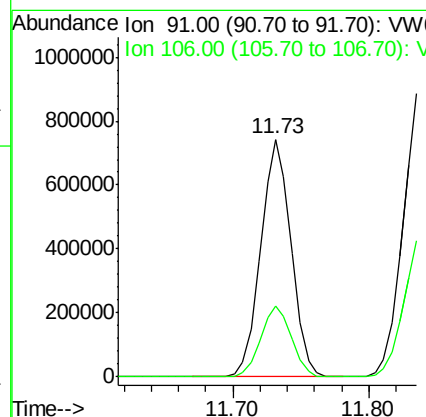
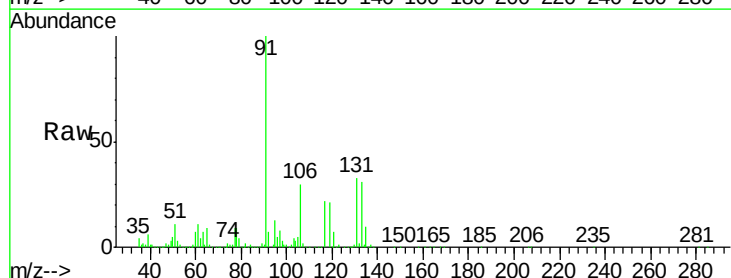
RT: 11.73 min Scan# 1612

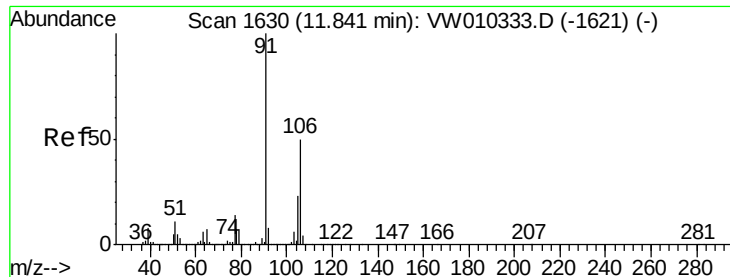
Delta R.T. -0.00 min

Lab File: VW010367.D

Acq: 10 May 2019 20:24

Tgt Ion:	91	Resp:	1162327
Ion Ratio	Lower	Upper	
91	100		
106	29.9	23.8	35.8





#68

m/p-Xylenes

Concen: 110.134 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW010367.D

Acq: 10 May 2019 20:24

Instrument :

MSVOA_W

ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion:106 Resp: 846114

Ion Ratio Lower Upper

106 100

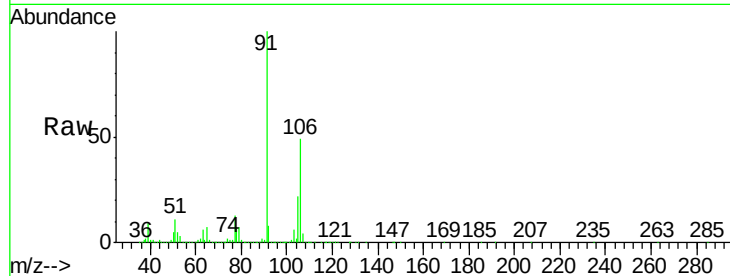
91 206.6 165.0 247.6

Manual Integrations

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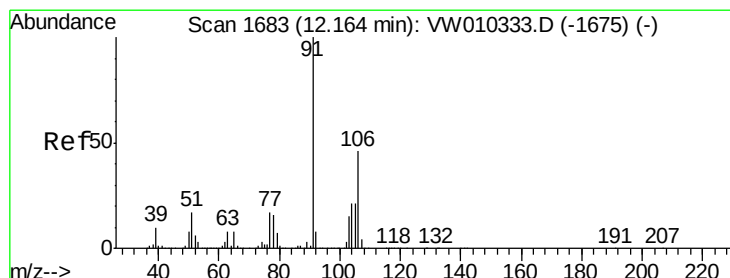
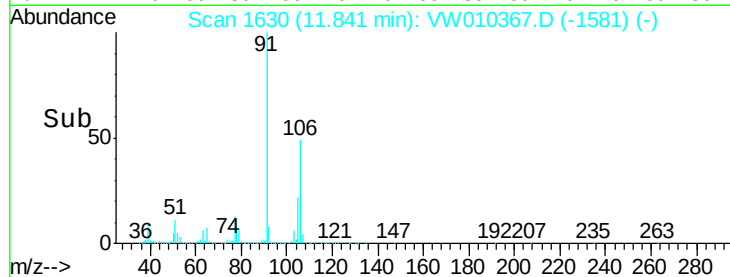
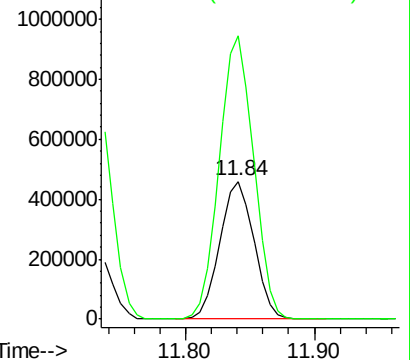
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#69

o-Xylene

Concen: 65.714 ug/l

RT: 12.17 min Scan# 1684

Delta R.T. 0.01 min

Lab File: VW010367.D

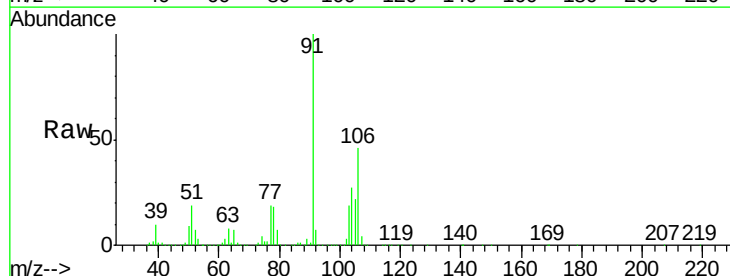
Acq: 10 May 2019 20:24

Tgt Ion:106 Resp: 456694

Ion Ratio Lower Upper

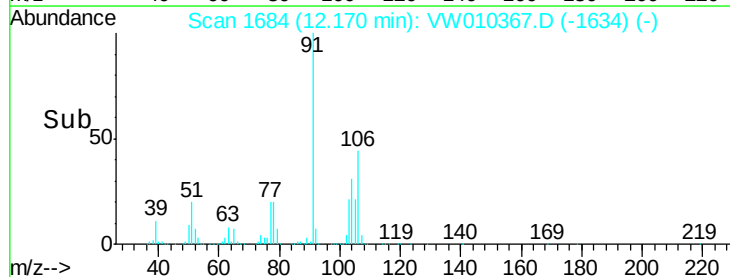
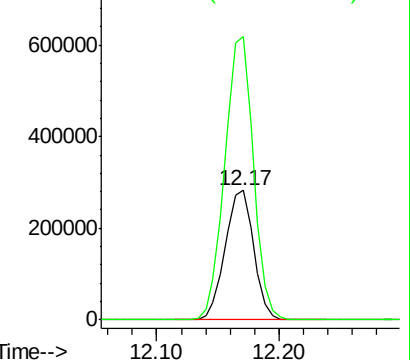
106 100

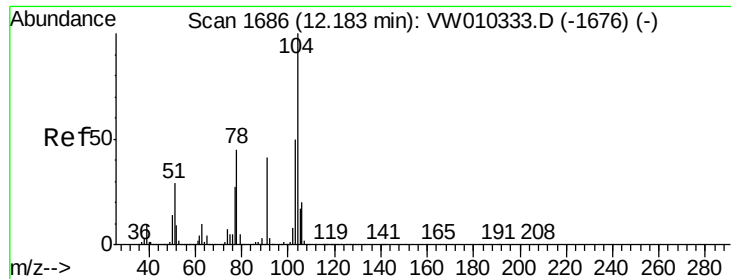
91 219.1 110.5 331.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW





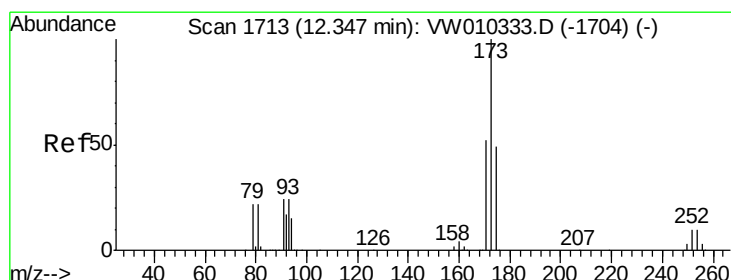
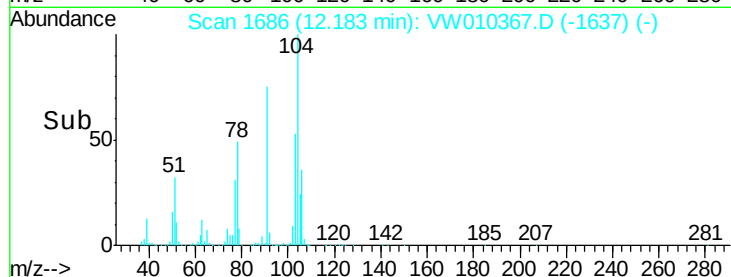
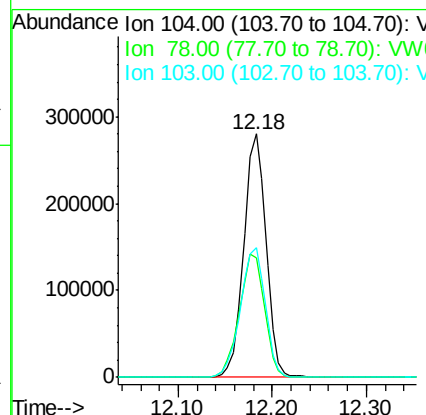
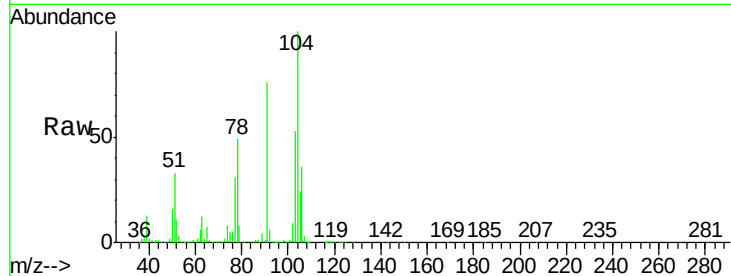
#70
Stvrene
Concen: 38.171 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010367.D
Acq: 10 May 2019 20:24

Instrument :
MSVOA_W
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	57.2	42.5	63.7
103	59.5	43.6	65.4

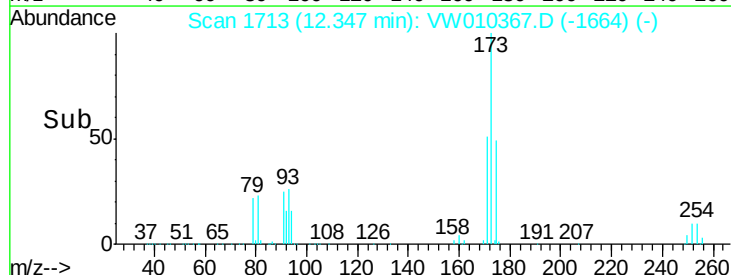
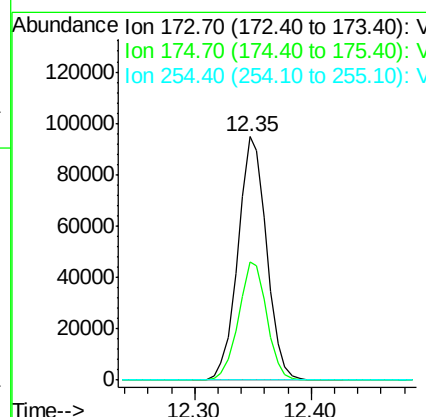
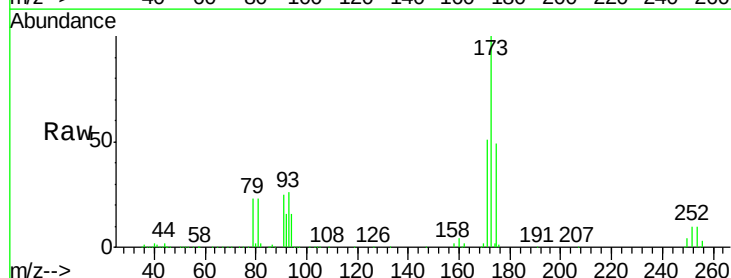
Manual Integrations
APPROVED

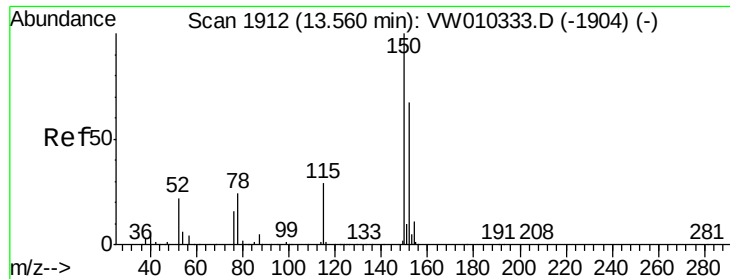
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#71
Bromoform
Concen: 74.280 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW010367.D
Acq: 10 May 2019 20:24

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.2	23.8	71.4
254	0.3	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010367.D

Acq: 10 May 2019 20:24

Instrument :

MSVOA_W

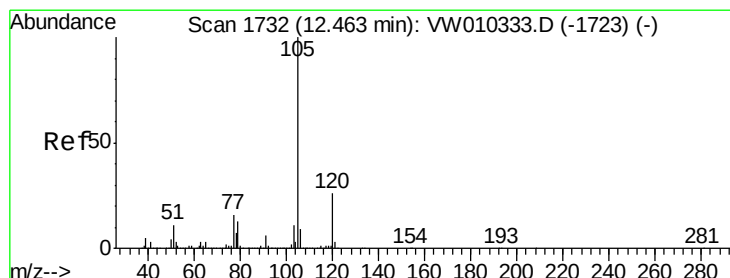
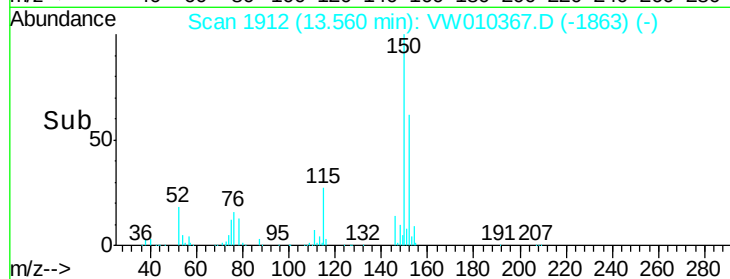
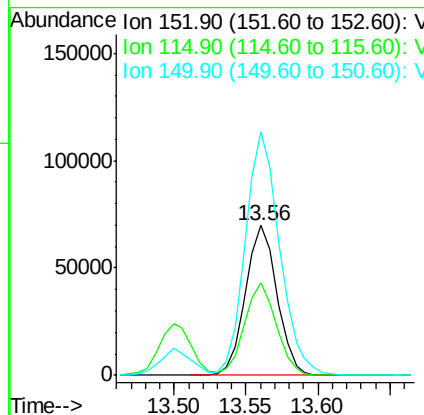
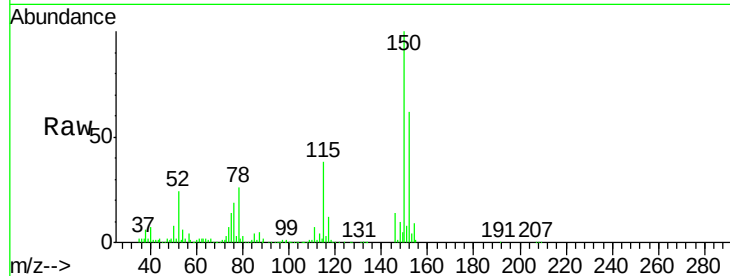
ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion:	152	Resp:	105717
Ion Ratio	Lower	Upper	
152	100		
115	62.1	30.4	91.2
150	177.1	0.0	347.0

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#73

Isopropylbenzene

Concen: 129.213 ug/l

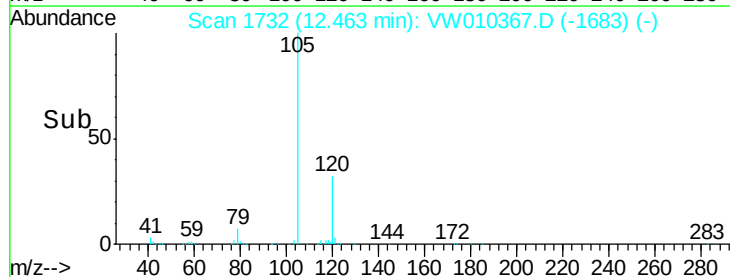
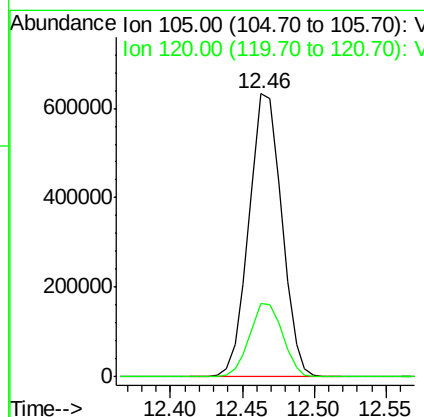
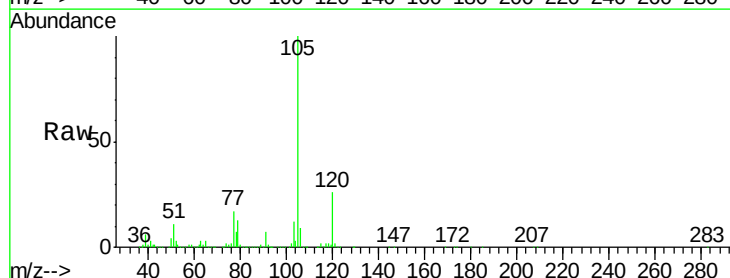
RT: 12.46 min Scan# 1732

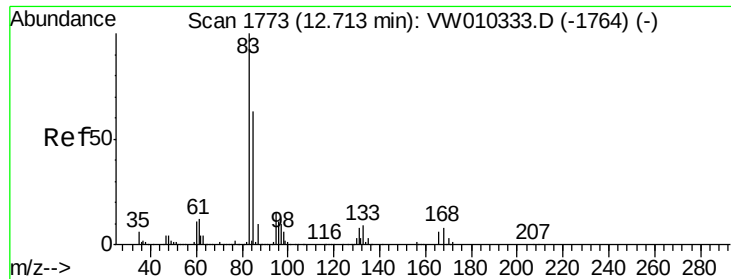
Delta R.T. -0.00 min

Lab File: VW010367.D

Acq: 10 May 2019 20:24

Tgt Ion:	105	Resp:	995674
Ion Ratio	Lower	Upper	
105	100		
120	26.3	13.1	39.1





#75

1,1,2,2-Tetrachloroethane

Concen: 230.912 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW010367.D

Acq: 10 May 2019 20:24

Instrument :

MSVOA_W

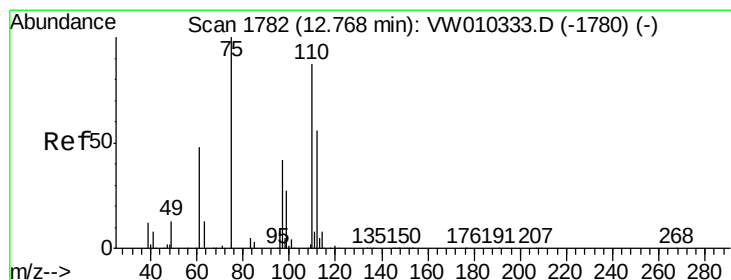
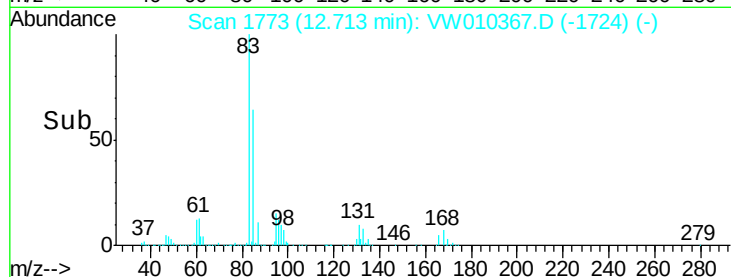
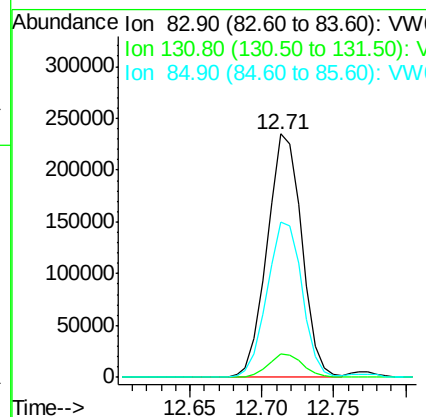
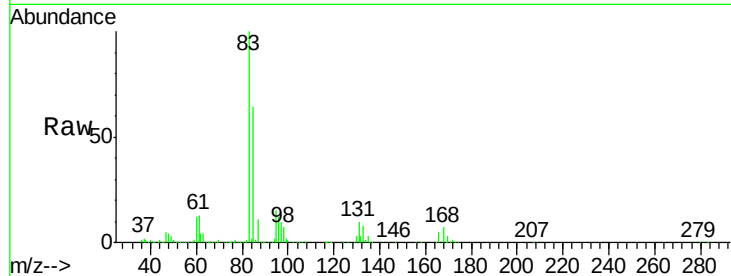
ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion:	83	Resp:	392053
Ion Ratio	Lower	Upper	
83	100		
131	9.6	5.3	15.8
85	64.5	32.0	96.2

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#76

1,2,3-Trichloropropane

Concen: 172.162 ug/l m

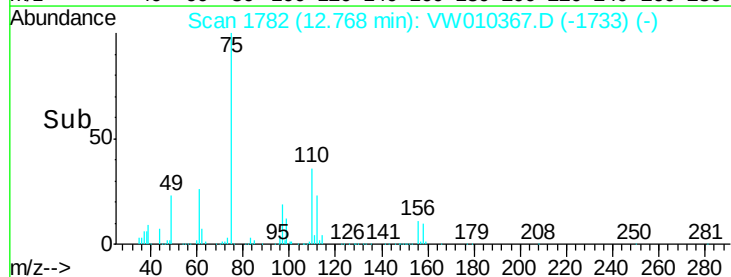
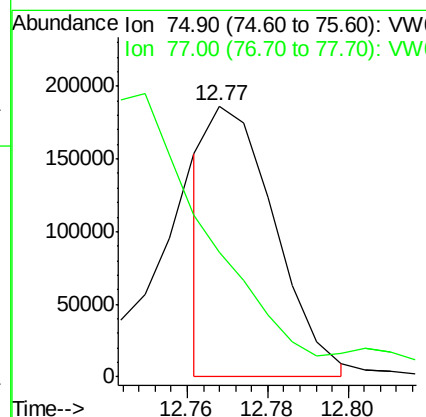
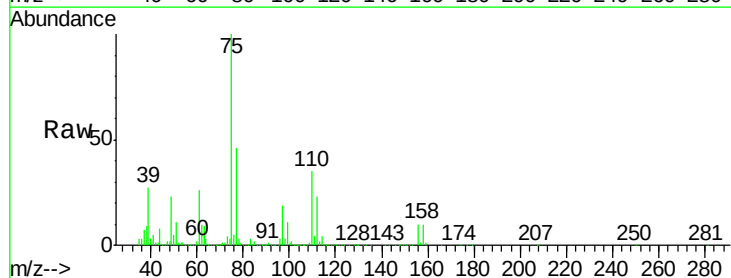
RT: 12.77 min Scan# 1782

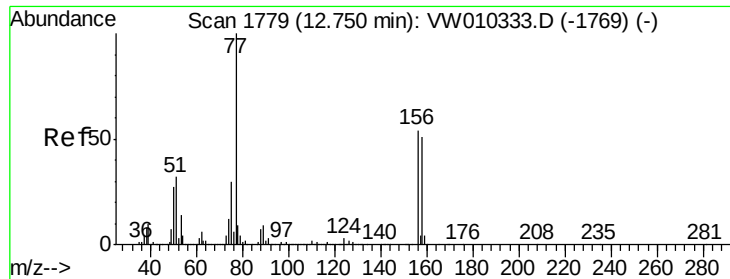
Delta R.T. -0.00 min

Lab File: VW010367.D

Acq: 10 May 2019 20:24

Tgt Ion:	75	Resp:	212202
Ion Ratio	Lower	Upper	
75	100		
77	198.2	0.0	0.0#





#77

Bromobenzene

Concen: 98.334 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW010367.D

Acq: 10 May 2019 20:24

Instrument :

MSVOA_W

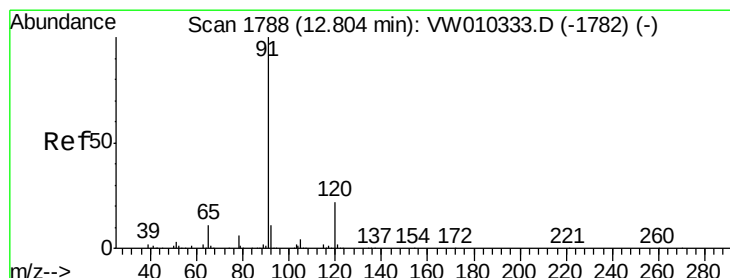
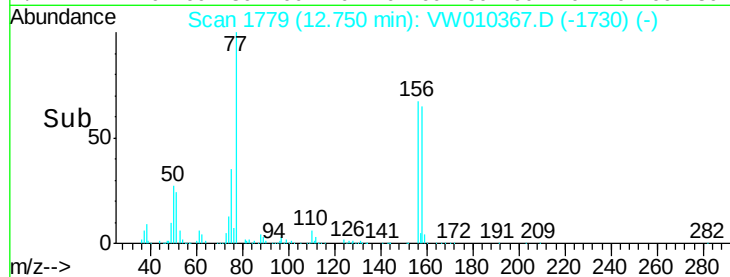
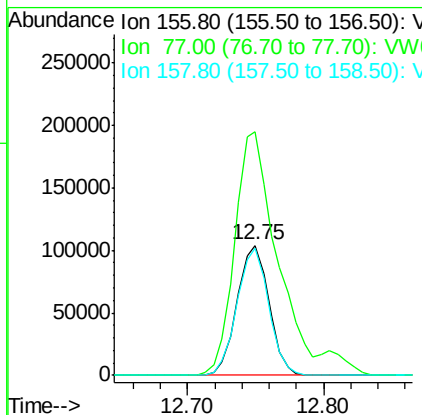
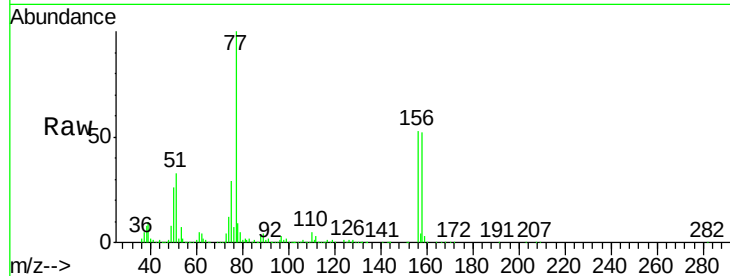
ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion:	156	Resp:	171093
Ion Ratio	Lower	Upper	
156	100		
77	245.8	102.5	307.4
158	96.9	48.8	146.4

Manual Integrations
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#78

n-propylbenzene

Concen: 74.873 ug/l

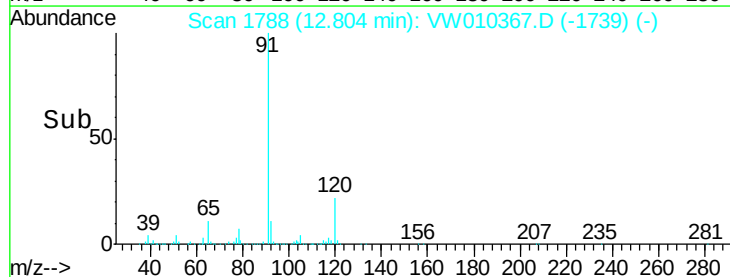
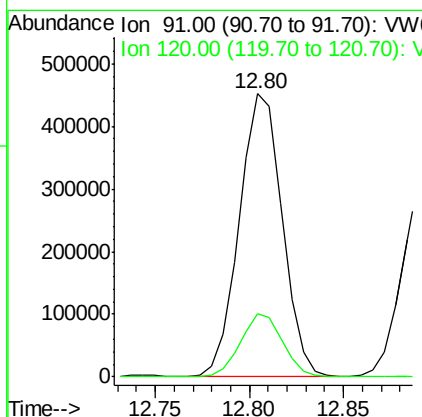
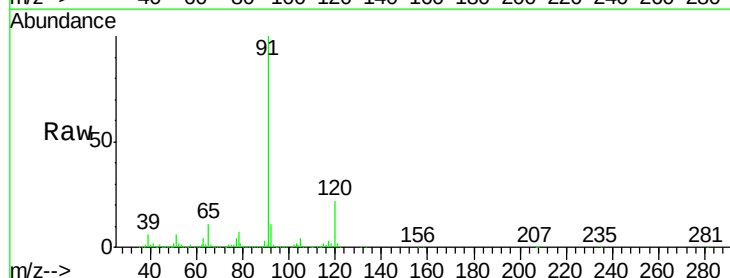
RT: 12.80 min Scan# 1788

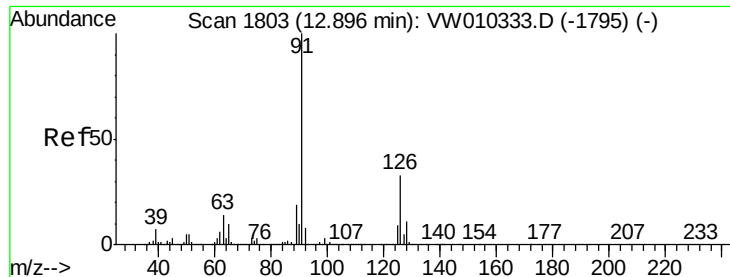
Delta R.T. -0.00 min

Lab File: VW010367.D

Acq: 10 May 2019 20:24

Tgt Ion:	91	Resp:	712579
Ion Ratio	Lower	Upper	
91	100		
120	21.8	11.1	33.1





#79

2-Chlorotoluene

Concen: 97.511 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW010367.D

Acq: 10 May 2019 20:24

Instrument :

MSVOA_W

ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion: 91 Resp: 528499

Ion Ratio Lower Upper

91 100

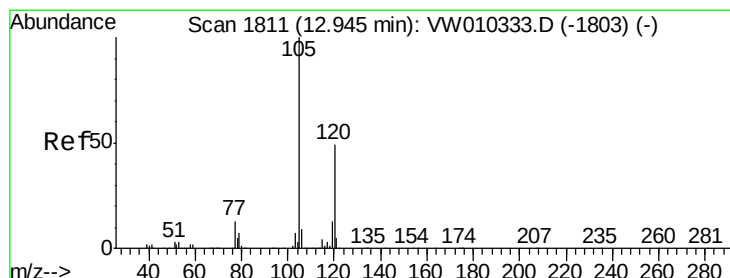
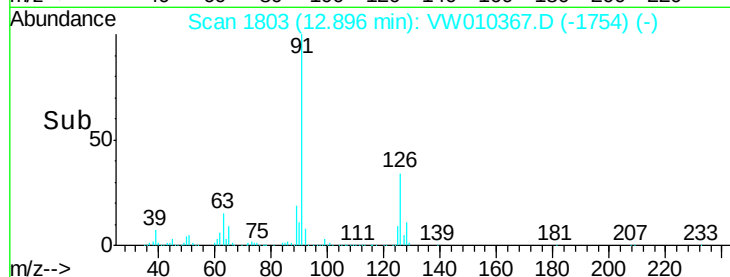
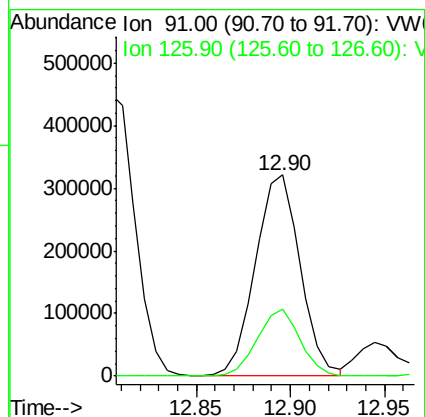
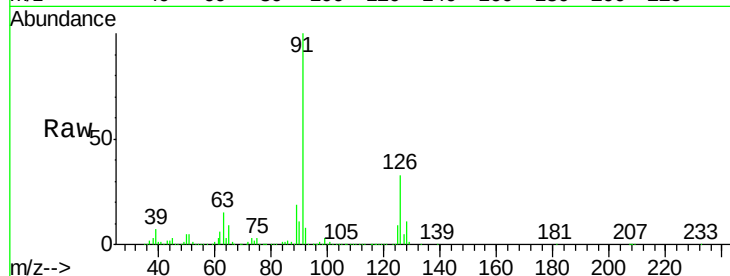
126 31.9 16.3 48.8

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#80

1,3,5-Trimethylbenzene

Concen: 115.180 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010367.D

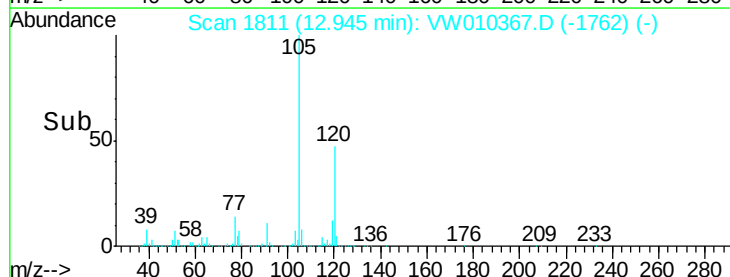
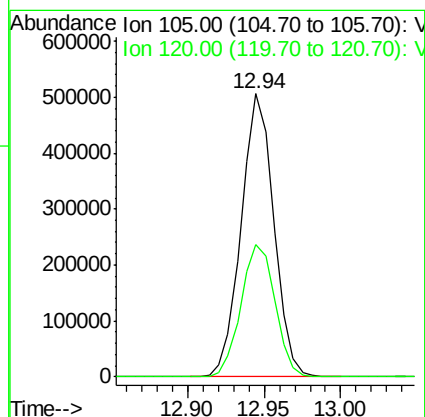
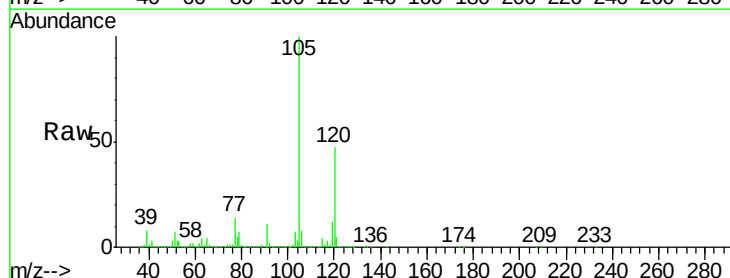
Acq: 10 May 2019 20:24

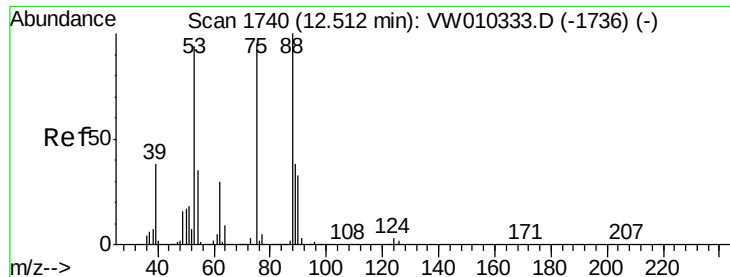
Tgt Ion: 105 Resp: 748244

Ion Ratio Lower Upper

105 100

120 49.2 24.3 72.8





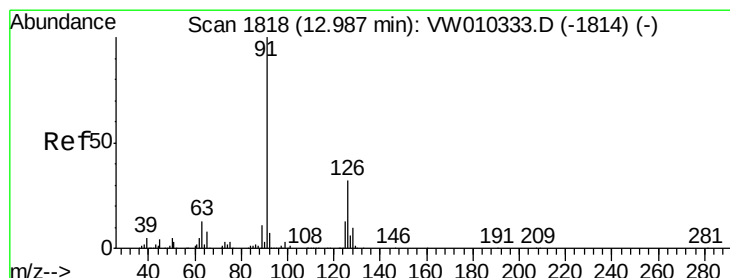
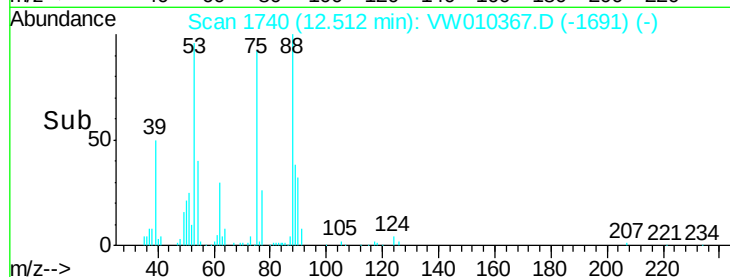
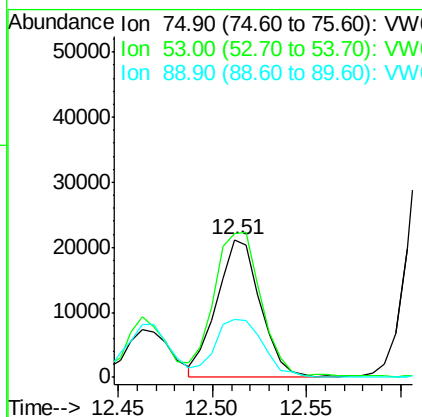
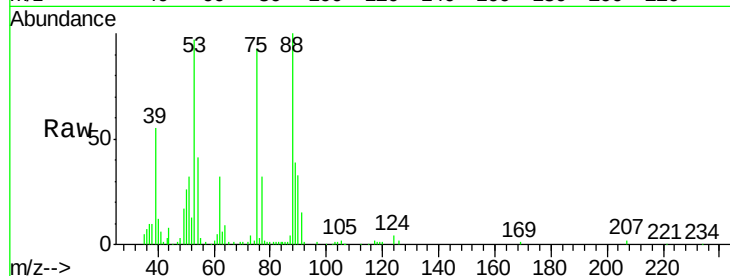
#81
trans-1,4-Dichloro-2-butene
Concen: 62.100 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW010367.D
Acq: 10 May 2019 20:24

Instrument :
MSVOA_W
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
75	100		
53	112.5	89.8	134.8
89	46.8	36.6	54.8

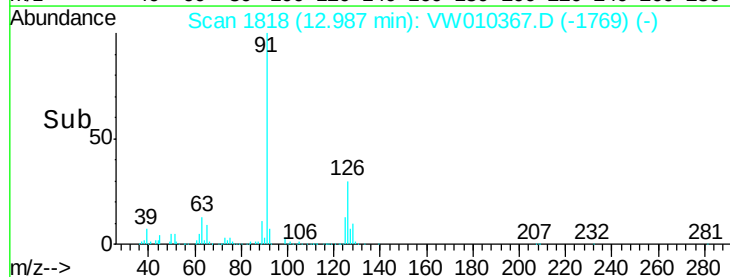
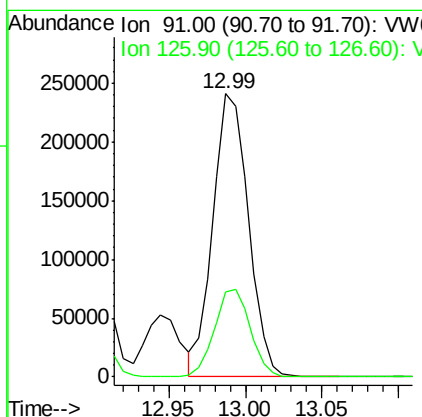
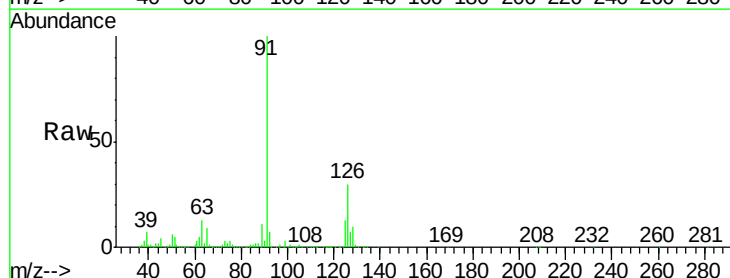
Manual Integrations
APPROVED

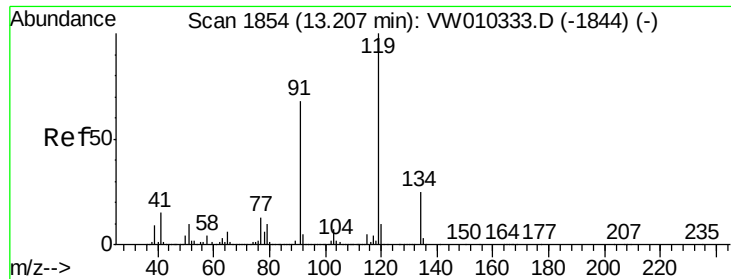
MMDadoda
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#82
4-Chlorotoluene
Concen: 68.388 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW010367.D
Acq: 10 May 2019 20:24

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.6	16.4	49.1





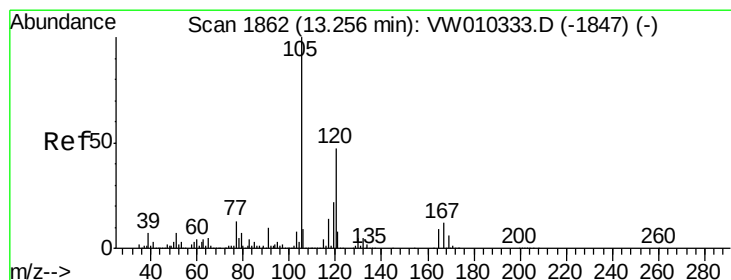
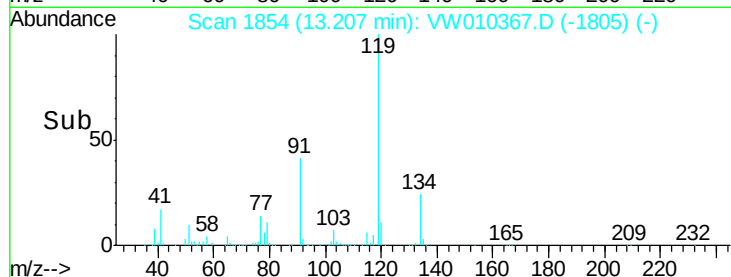
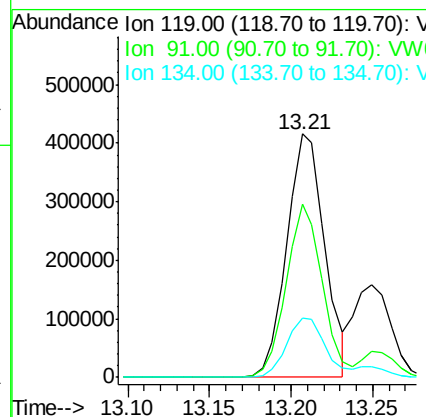
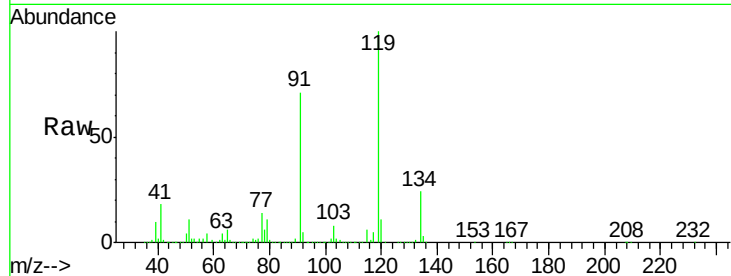
#83
 tert-Butylbenzene
 Concen: 124.173 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW010367.D
 Acq: 10 May 2019 20:24

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.8	34.8	104.4
134	25.2	13.7	41.1

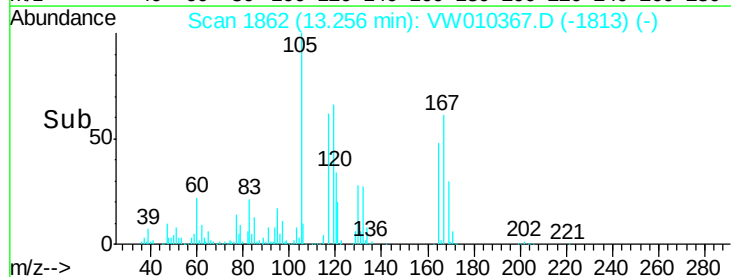
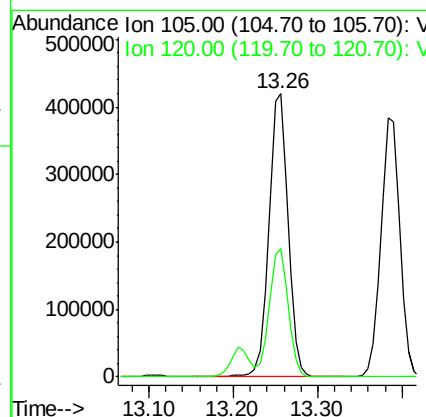
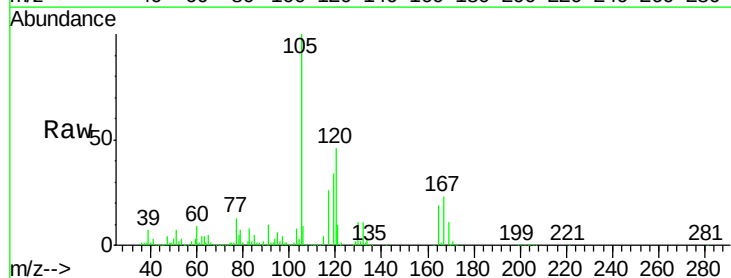
Manual Integrations
 APPROVED

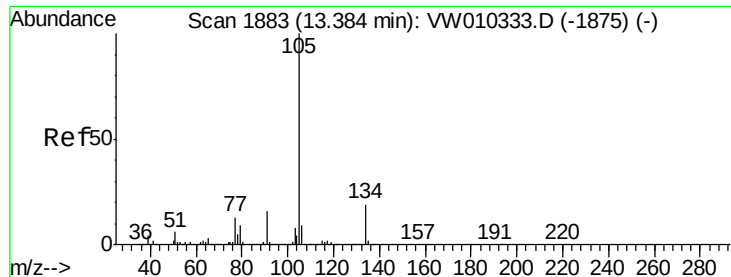
MMDadoda
 5/11/2019 12:12:29 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 102.566 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW010367.D
 Acq: 10 May 2019 20:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.6	67.7





#85

sec-Butylbenzene

Concen: 75.304 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW010367.D

Acq: 10 May 2019 20:24

Instrument :

MSVOA_W

ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion:105 Resp: 602357

Ion Ratio Lower Upper

105 100

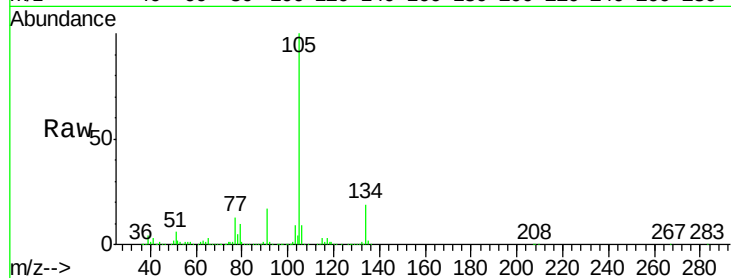
134 19.4 9.8 29.5

Manual Integrations

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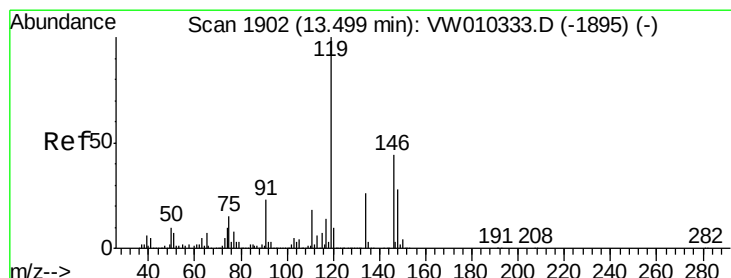
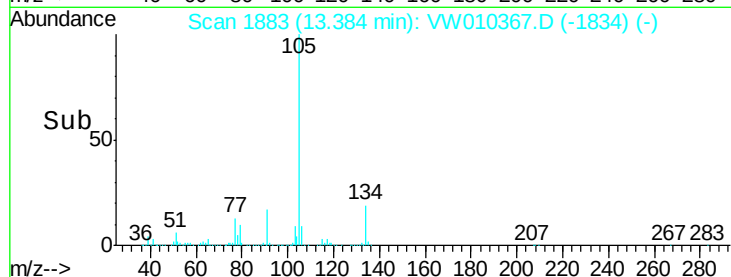
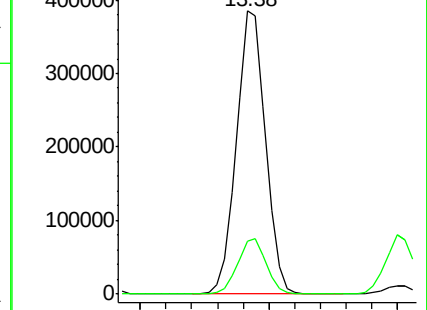
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 65.648 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW010367.D

Acq: 10 May 2019 20:24

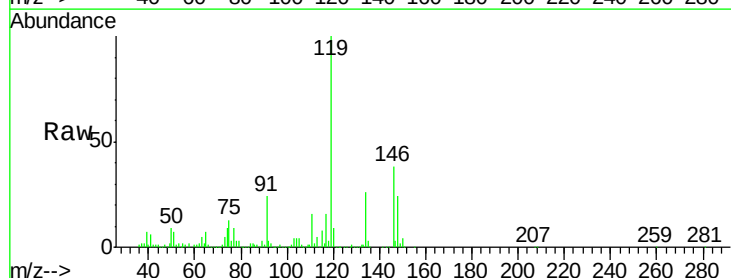
Tgt Ion:119 Resp: 466241

Ion Ratio Lower Upper

119 100

134 25.7 13.0 38.9

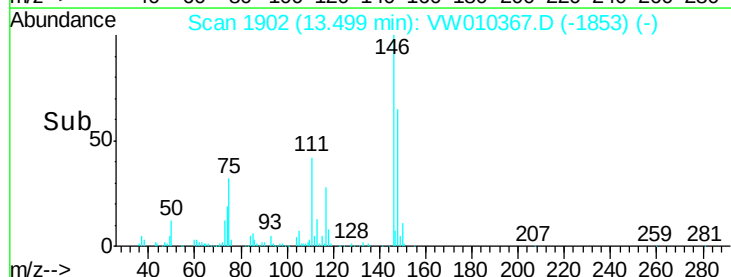
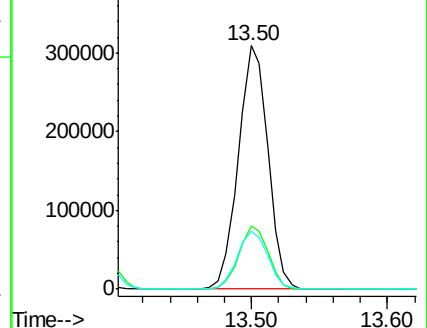
91 24.4 12.3 36.9

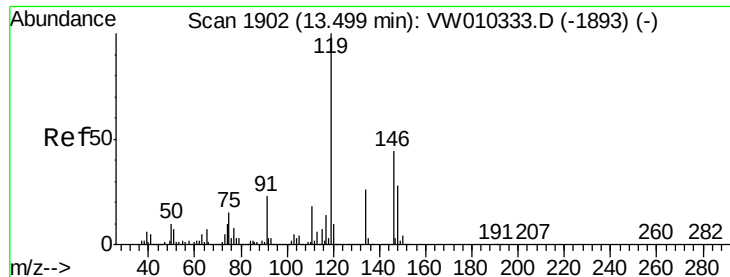


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 54.524 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW010367.D

Acq: 10 May 2019 20:24

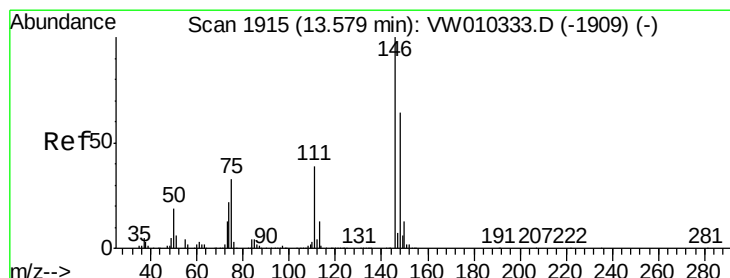
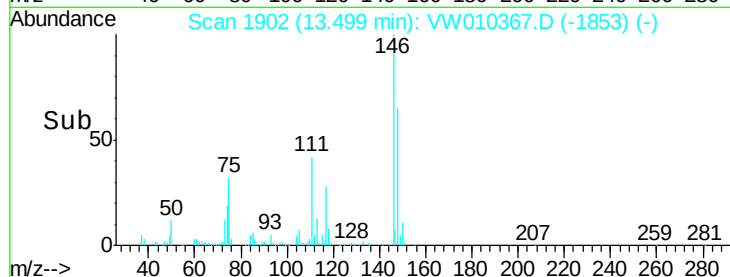
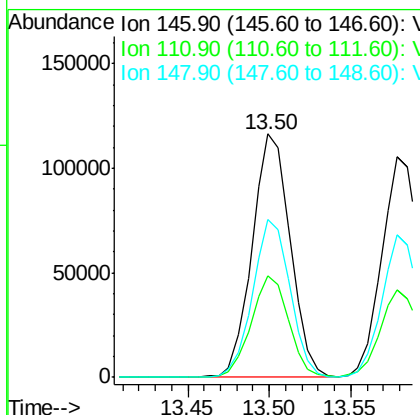
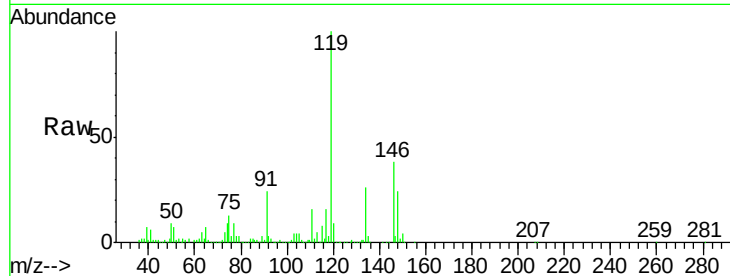
Instrument :
MSVOA_W

ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	189435		
111	41.2	20.3	61.0	
148	63.7	32.0	96.2	

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 50.050 ug/l

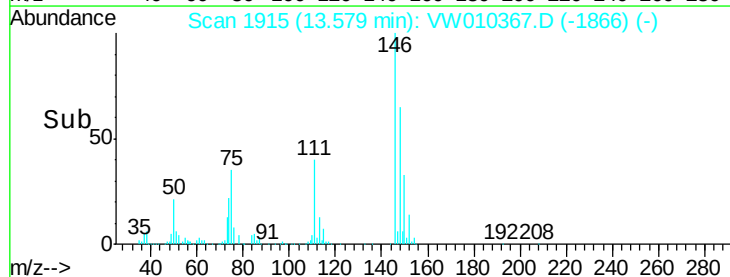
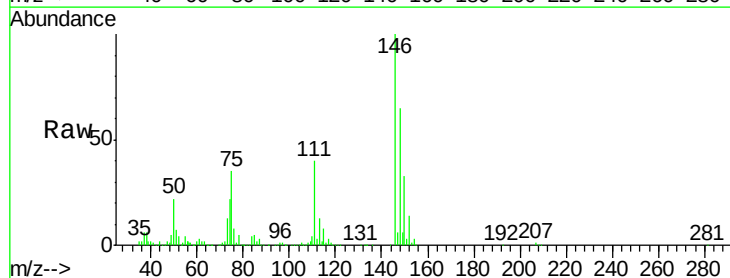
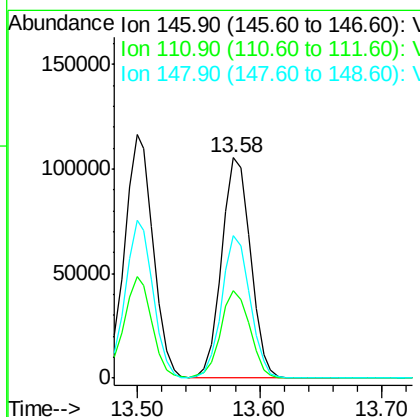
RT: 13.58 min Scan# 1915

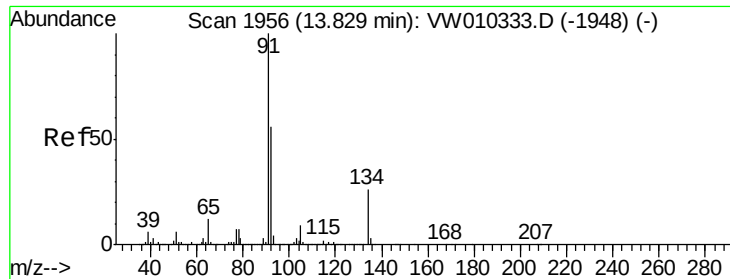
Delta R.T. -0.00 min

Lab File: VW010367.D

Acq: 10 May 2019 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	172566		
111	40.3	20.1	60.3	
148	63.3	31.8	95.3	





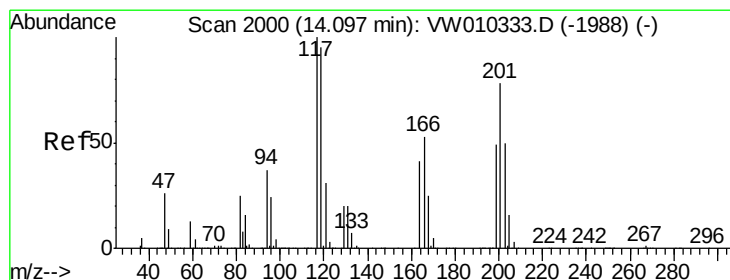
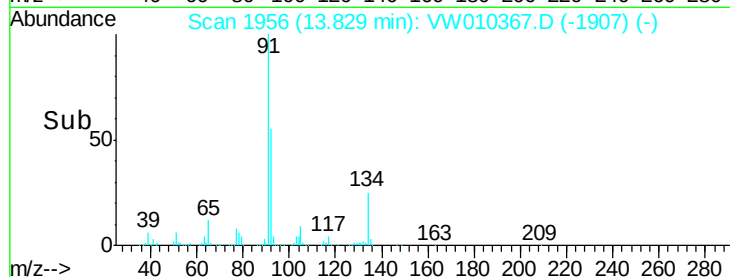
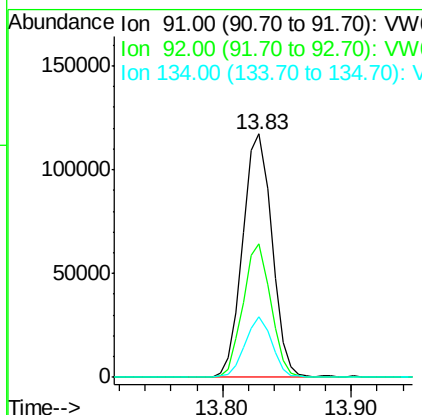
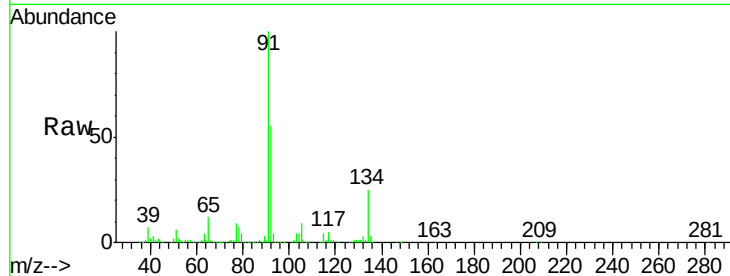
#89
n-Butylbenzene
Concen: 25.708 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW010367.D
Acq: 10 May 2019 20:24

Instrument :
MSVOA_W
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.5	79.4
134	23.1	12.4	37.0

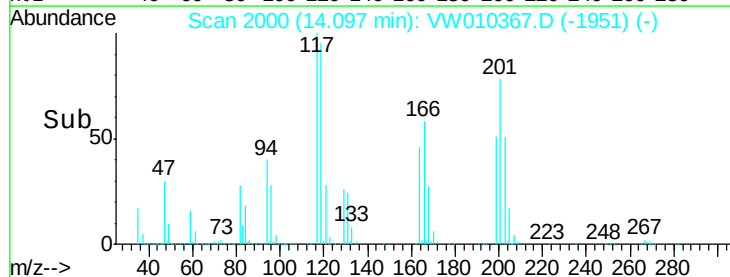
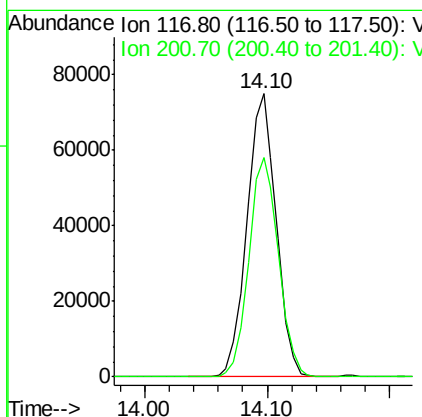
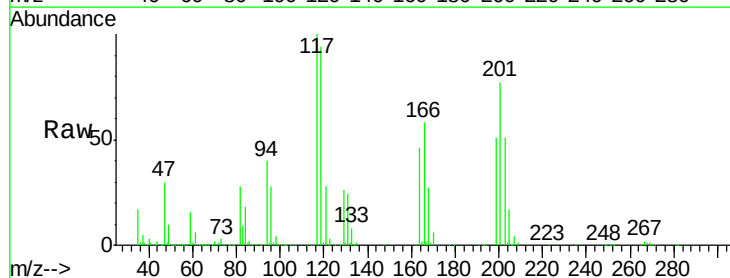
Manual Integrations
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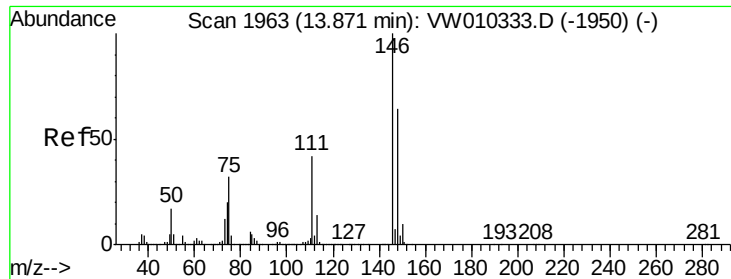
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#90
Hexachloroethane
Concen: 94.816 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW010367.D
Acq: 10 May 2019 20:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.1	36.1	108.3





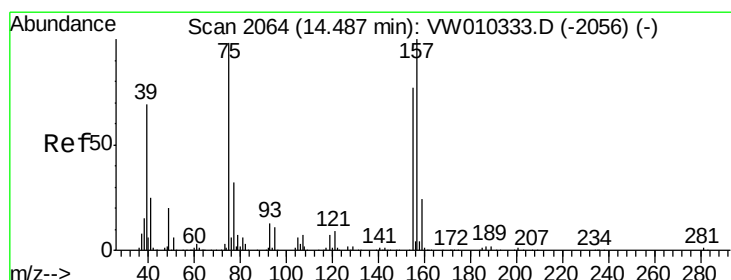
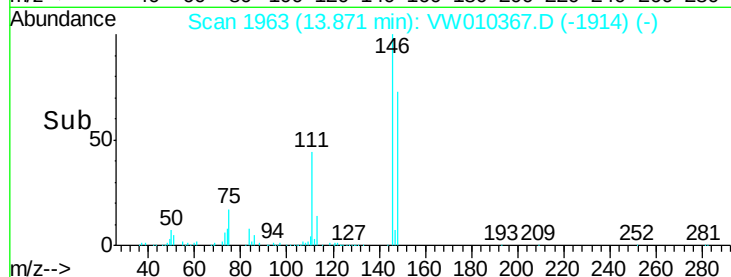
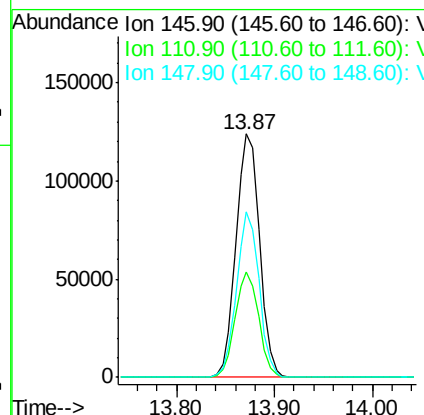
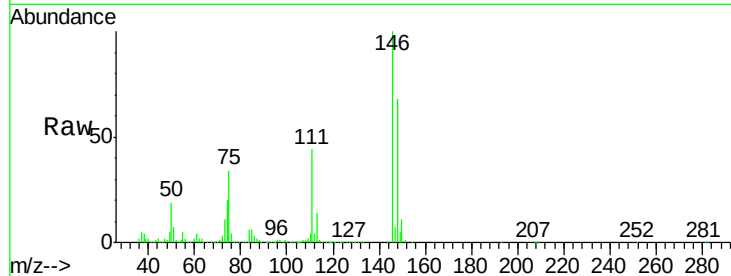
#91
 1,2-Dichlorobenzene
 Concen: 67.488 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW010367.D
 Acq: 10 May 2019 20:24

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS006-0002-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	207560		
111	43.1	20.9	62.8	
148	64.9	31.9	95.7	

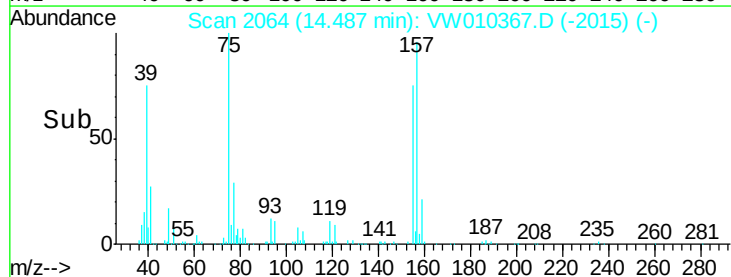
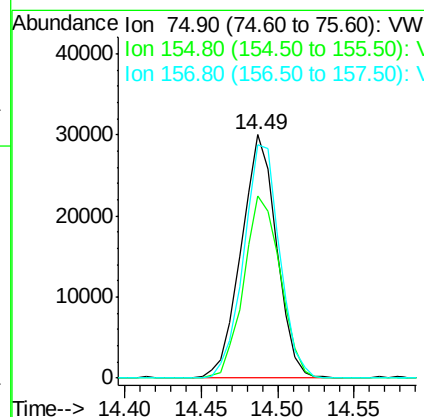
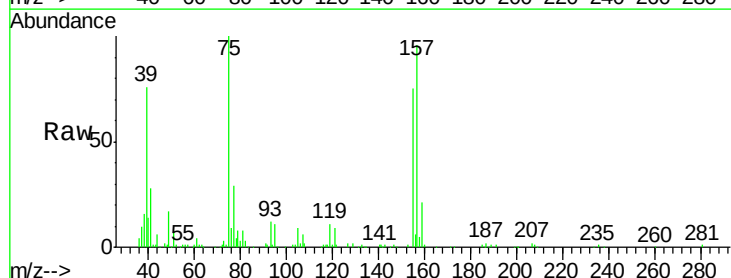
Manual Integrations
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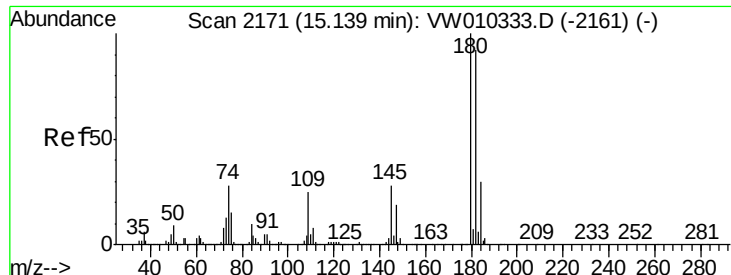
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 157.430 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW010367.D
 Acq: 10 May 2019 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	48133		
155	77.3	37.1	111.5	
157	97.7	47.3	141.9	





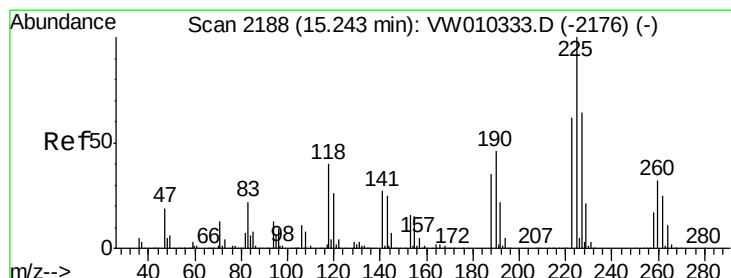
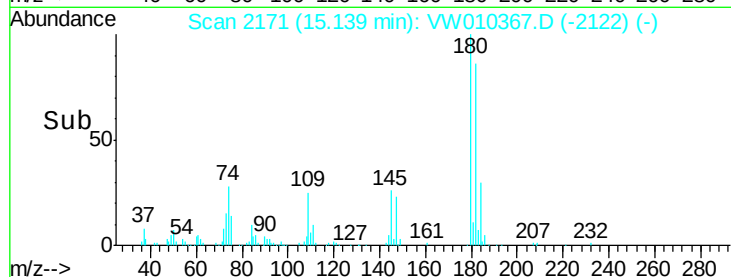
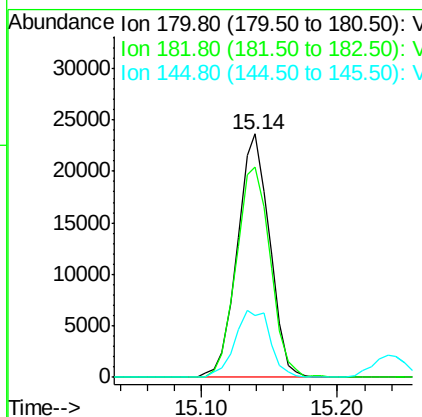
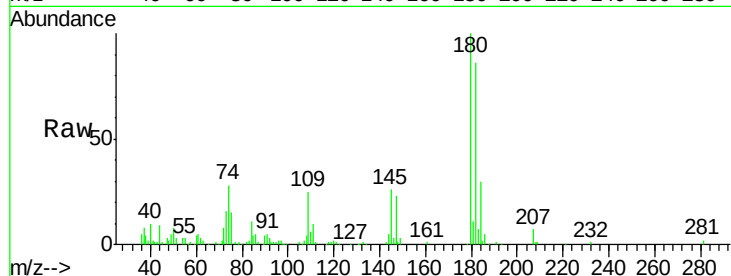
#93
 1,2,4-Trichlorobenzene
 Concen: 18.620 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010367.D
 Acq: 10 May 2019 20:24

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS006-0002-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	39083		
182	91.2		47.1	141.4
145	30.1		15.2	45.6

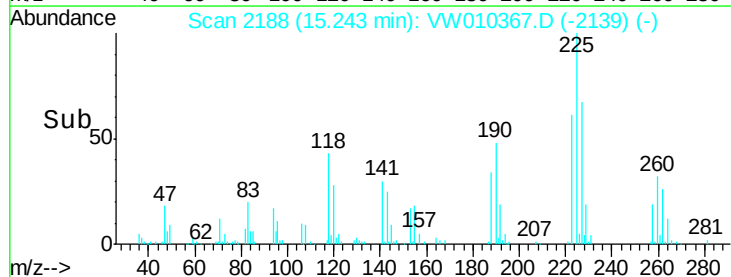
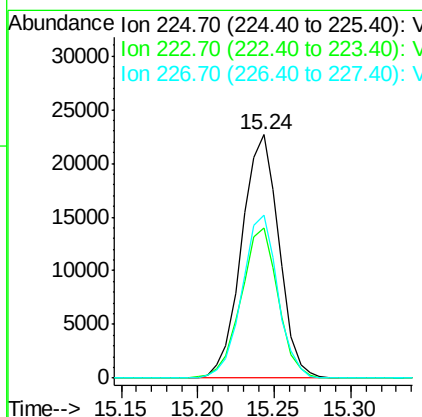
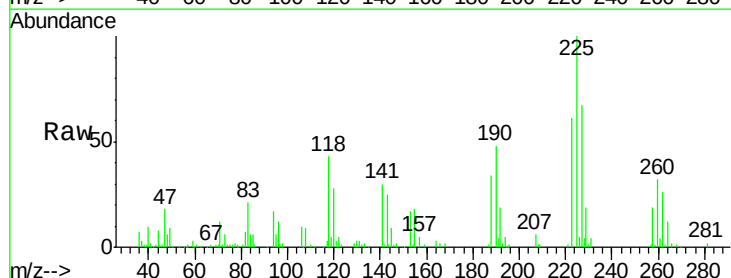
Manual Integrations
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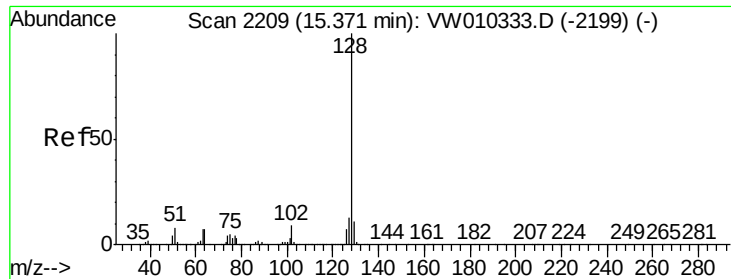
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#94
 Hexachlorobutadiene
 Concen: 28.483 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW010367.D
 Acq: 10 May 2019 20:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	38328		
223	61.1		31.9	95.5
227	64.1		31.8	95.3





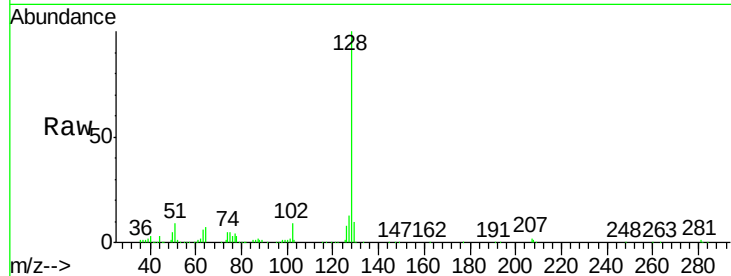
#95
Naphthalene
Concen: 29.595 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW010367.D
Acq: 10 May 2019 20:24

Instrument :
MSVOA_W
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.6	15.8
129	11.0	8.7	13.1

Manual Integrations
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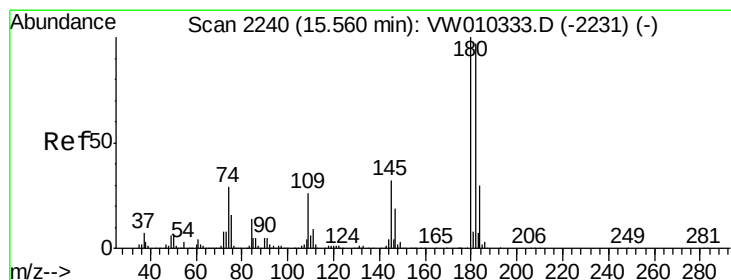
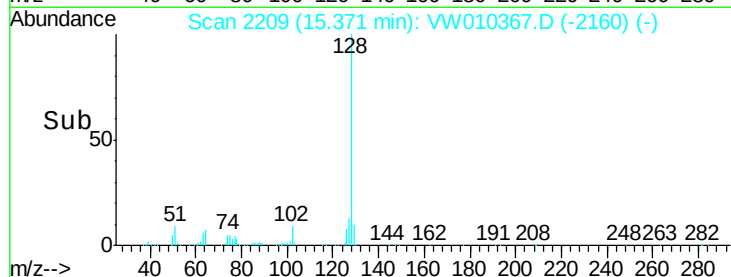
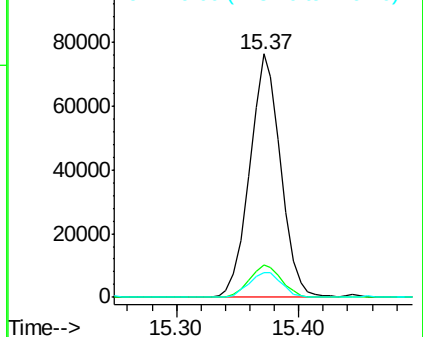


Abundance

Ion 128.00 (127.70 to 128.70): V

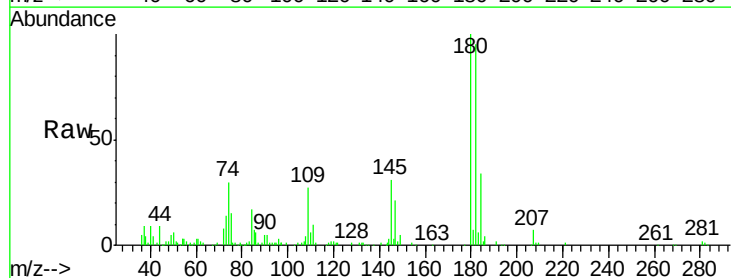
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 23.064 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW010367.D
Acq: 10 May 2019 20:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.8	143.3
145	31.2	16.4	49.2



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

