

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012419\
 Data File : VW008397.D
 Acq On : 24 Jan 2019 15:16
 Operator : SY/VA
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Manual Integrations
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 1/25/2019 1:42:57 PM

Quant Time: Jan 25 10:54:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 10:41:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	593744	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	932510	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	832123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	422001	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	100473	16.27	ug/l	0.00
Spiked Amount			Recovery	=	32.54%	
35) Dibromofluoromethane	7.88	113	97161	16.32	ug/l	0.00
Spiked Amount			Recovery	=	32.64%	
50) Toluene-d8	10.32	98	377374	16.14	ug/l	0.00
Spiked Amount			Recovery	=	32.28%	
62) 4-Bromofluorobenzene	12.62	95	144725	17.26	ug/l	0.00
Spiked Amount			Recovery	=	34.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	51018	13.637	ug/l	98
3) Chloromethane	2.21	50	81296	14.824	ug/l	97
4) Vinyl Chloride	2.36	62	108270	15.451	ug/l	99
5) Bromomethane	2.78	94	69115	13.015	ug/l	89
6) Chloroethane	2.92	64	64281	14.015	ug/l	100
7) Trichlorofluoromethane	3.25	101	77100	14.985	ug/l	100
8) Diethyl Ether	3.68	74	53543	15.007	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	93477	15.605	ug/l	95
10) Methyl Iodide	4.26	142	152795	15.816	ug/l	99
11) Tert butyl alcohol	5.17	59	42032	101.074	ug/l #	81
12) 1,1-Dichloroethene	4.03	96	99598	16.348	ug/l	99
13) Acrolein	3.89	56	43445	115.213	ug/l	99
14) Allyl chloride	4.66	41	187547	18.414	ug/l	97
15) Acrylonitrile	5.36	53	116647	85.112	ug/l	98
16) Acetone	4.12	43	112993	78.776	ug/l	100
17) Carbon Disulfide	4.37	76	307036	16.562	ug/l	99
18) Methyl Acetate	4.67	43	62512	16.315	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	167089	17.916	ug/l	96
20) Methylene Chloride	4.91	84	110375	14.491	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	110638	16.169	ug/l	98
22) Diisopropyl ether	6.31	45	351458	17.675	ug/l	99
23) Vinyl Acetate	6.25	43	1041444	97.981	ug/l	99
24) 1,1-Dichloroethane	6.21	63	201794	16.667	ug/l	99
25) 2-Butanone	7.17	43	163753	89.135	ug/l	98
26) 2,2-Dichloropropane	7.17	77	138119	17.877	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	120206	16.214	ug/l	99
28) Bromochloromethane	7.51	49	97223	19.491	ug/l	100
29) Tetrahydrofuran	7.53	42	103142	90.057	ug/l	98
30) Chloroform	7.68	83	196808	16.430	ug/l	99
31) Cyclohexane	7.95	56	207126	17.956	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	169547	16.865	ug/l	99
36) 1,1-Dichloropropene	8.08	75	165997	17.693	ug/l	100
37) Ethyl Acetate	7.25	43	72565	18.756	ug/l	98
38) Carbon Tetrachloride	8.07	117	162850	17.578	ug/l	97

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	211901	18.988	ug/l	98
40) Benzene	8.32	78	451820	17.001	ug/l	99
41) Methacrylonitrile	7.48	41	41637	18.487	ug/l	95
42) 1,2-Dichloroethane	8.40	62	130053	17.501	ug/l	98
43) Isopropyl Acetate	8.43	43	150119	20.542	ug/l	98
44) Trichloroethene	9.09	130	123568	16.971	ug/l	98
45) 1,2-Dichloropropane	9.37	63	111394	16.874	ug/l	98
46) Dibromomethane	9.46	93	57859	16.817	ug/l	98
47) Bromodichloromethane	9.65	83	151874	17.895	ug/l	99
48) Methyl methacrylate	9.44	41	73445	21.349	ug/l	97
49) 1,4-Dioxane	9.45	88	19129	345.373	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	366180	98.956	ug/l	100
52) Toluene	10.39	92	291336	17.323	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	164048	19.367	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	184230	18.450	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	81102	16.995	ug/l	98
56) Ethyl methacrylate	10.65	69	109748	19.582	ug/l	100
57) 1,3-Dichloropropane	10.93	76	143940	17.372	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	282092	104.350	ug/l	99
59) 2-Hexanone	10.97	43	259093	99.929	ug/l	99
60) Dibromochloromethane	11.13	129	102928	18.072	ug/l	98
61) 1,2-Dibromoethane	11.24	107	79418	17.186	ug/l	99
64) Tetrachloroethene	10.86	164	103891	17.806	ug/l	97
65) Chlorobenzene	11.66	112	318175	17.530	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	112662	18.035	ug/l	99
67) Ethyl Benzene	11.73	91	572555	18.168	ug/l	99
68) m/p-Xylenes	11.84	106	442501	36.174	ug/l	99
69) o-Xylene	12.17	106	208191	18.217	ug/l	100
70) Styrene	12.18	104	342686	18.668	ug/l	98
71) Bromoform	12.35	173	63527	20.414	ug/l #	98
73) Isopropylbenzene	12.47	105	576556	18.751	ug/l	99
74) N-amyl acetate	12.27	43	147307	22.355	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	93189	17.818	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	68081m	17.716	ug/l	
77) Bromobenzene	12.75	156	127889	17.316	ug/l	98
78) n-propylbenzene	12.80	91	696542	18.716	ug/l	98
79) 2-Chlorotoluene	12.90	91	387057	18.202	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	482933	18.822	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	34209	21.243	ug/l	98
82) 4-Chlorotoluene	12.99	91	411720	18.529	ug/l	100
83) tert-Butylbenzene	13.21	119	429247	19.007	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	497009	19.015	ug/l	99
85) sec-Butylbenzene	13.39	105	611488	18.859	ug/l	100
86) p-Isopropyltoluene	13.51	119	539009	19.033	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	256825	17.501	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	254092	17.283	ug/l	99
89) n-Butylbenzene	13.83	91	527705	19.426	ug/l	99
90) Hexachloroethane	14.10	117	105760	20.180	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	227417	17.553	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17972	21.015	ug/l	97

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Quant Title : SW846 8260
QLast Update : Fri Jan 25 10:41:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	165376	18.856	ug/l	99
94) Hexachlorobutadiene	15.24	225	98200	19.867	ug/l	99
95) Naphthalene	15.37	128	287564	19.621	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	137893	18.050	ug/l	99

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

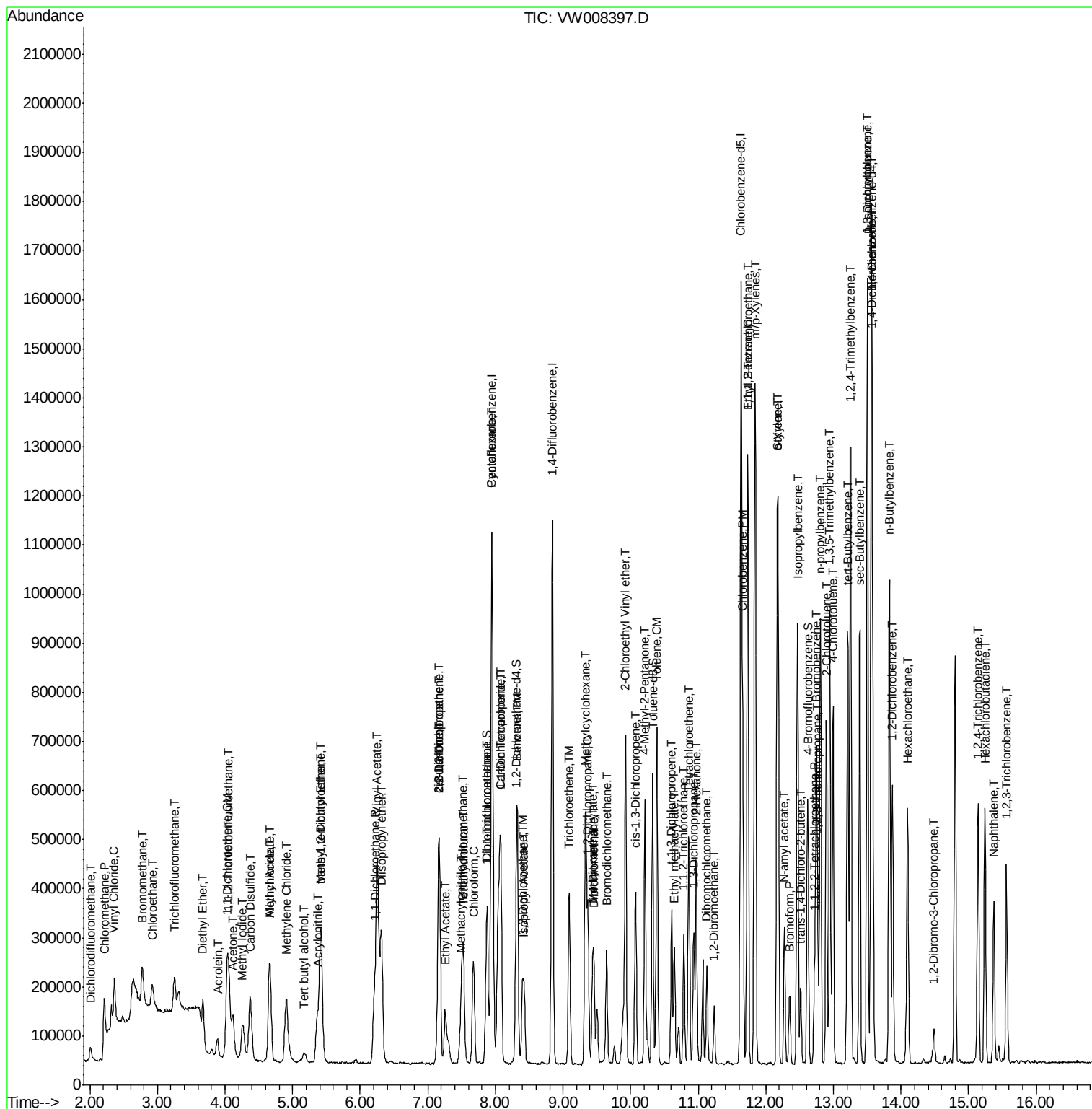
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012419\
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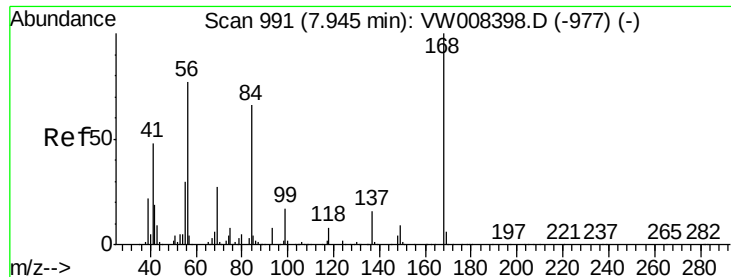
Instrument :
MSVOA_W
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008397.D

Acq: 24 Jan 2019 15:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion:168 Resp: 593744

Ion Ratio Lower Upper

168 100

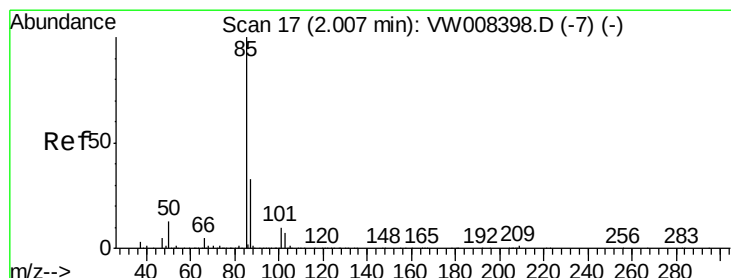
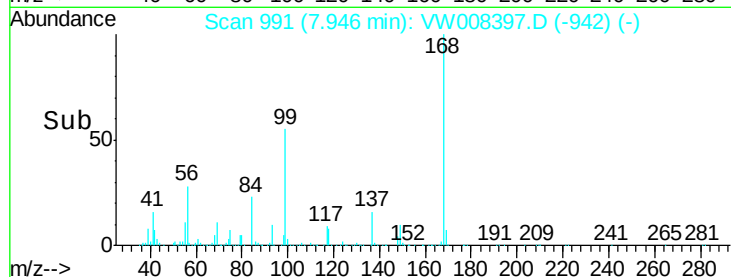
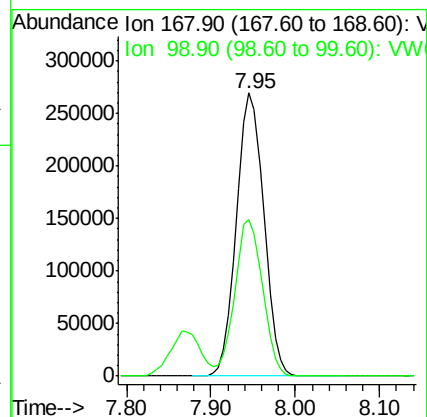
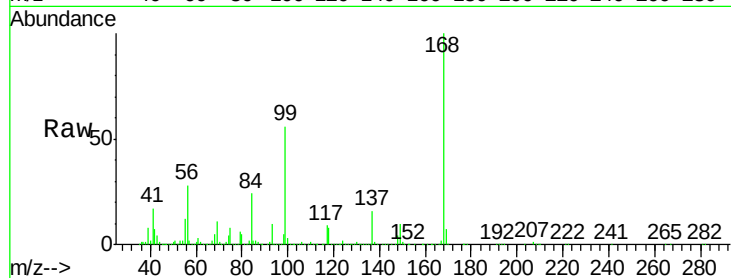
99 55.4 45.5 68.3

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 13.637 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW008397.D

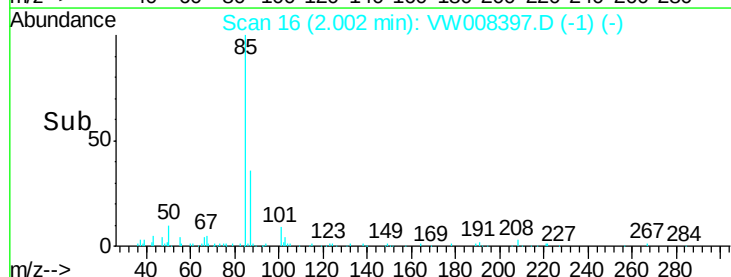
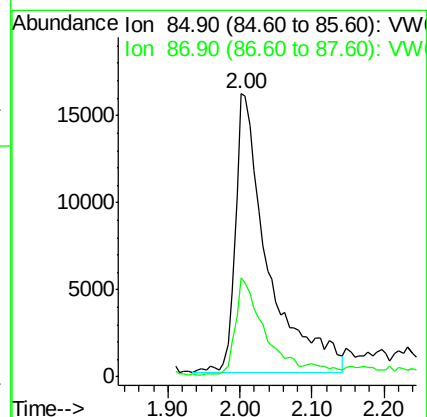
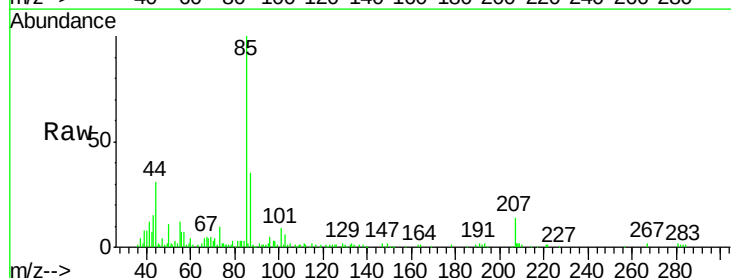
Acq: 24 Jan 2019 15:16

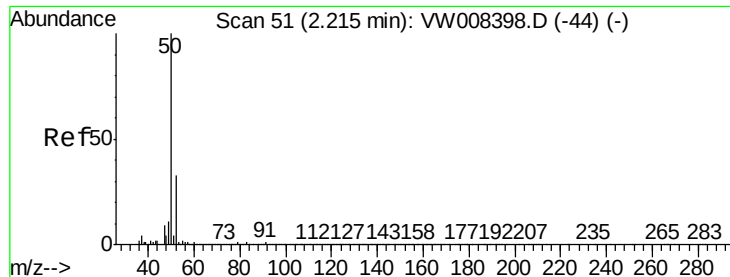
Tgt Ion: 85 Resp: 51018

Ion Ratio Lower Upper

85 100

87 34.6 16.7 50.1





#3

Chloromethane

Concen: 14.824 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008397.D

Acq: 24 Jan 2019 15:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion: 50 Resp: 81296

Ion Ratio Lower Upper

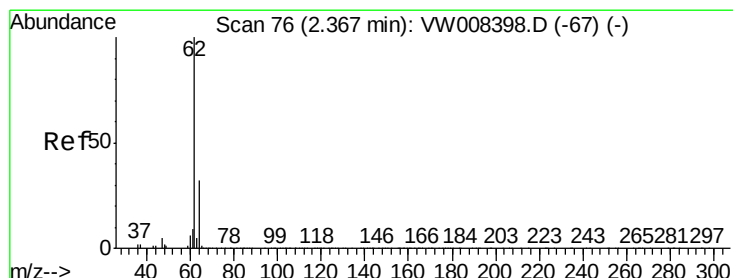
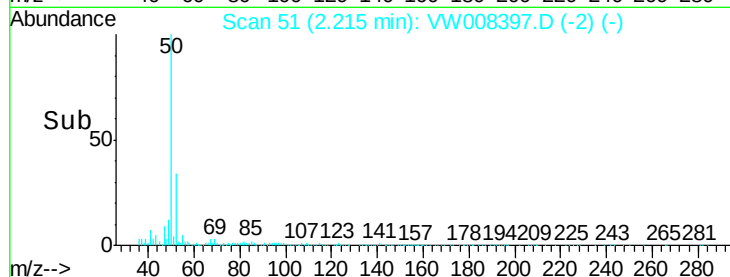
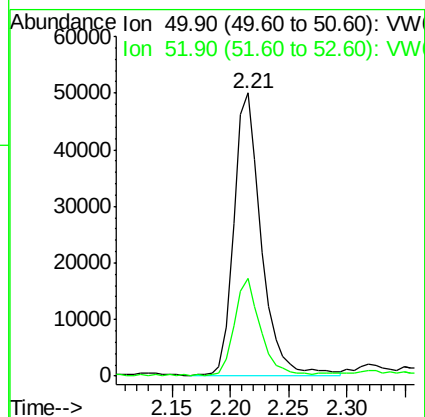
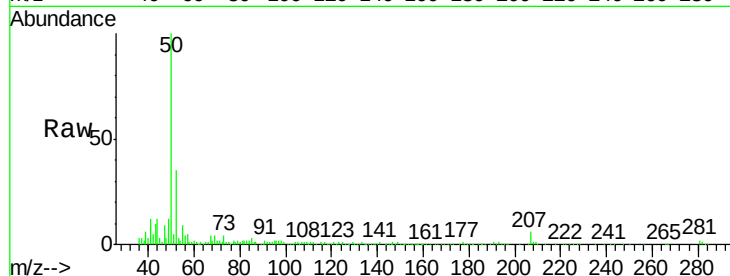
50 100

52 34.4 26.3 39.5

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#4

Vinyl Chloride

Concen: 15.451 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW008397.D

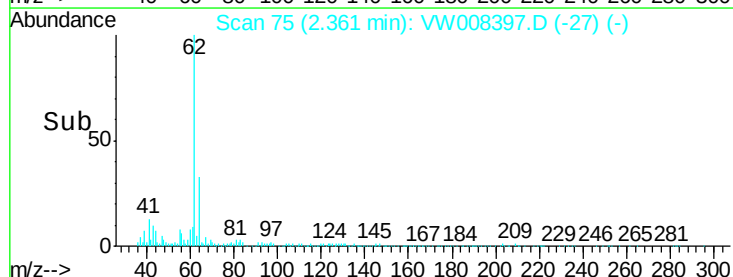
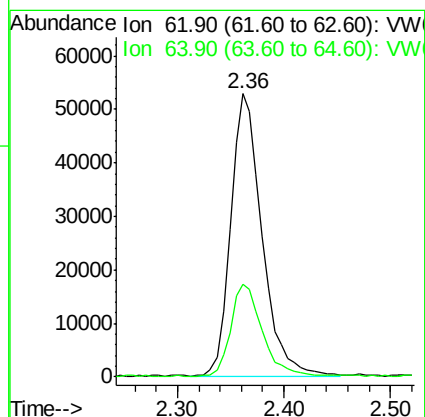
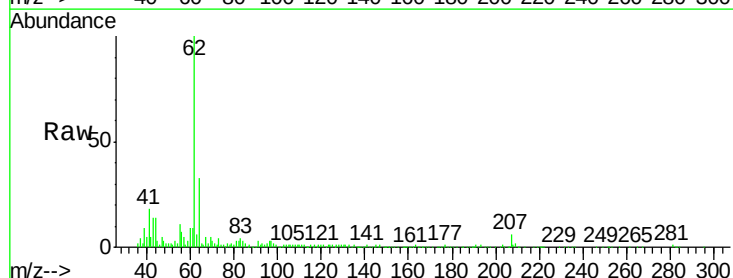
Acq: 24 Jan 2019 15:16

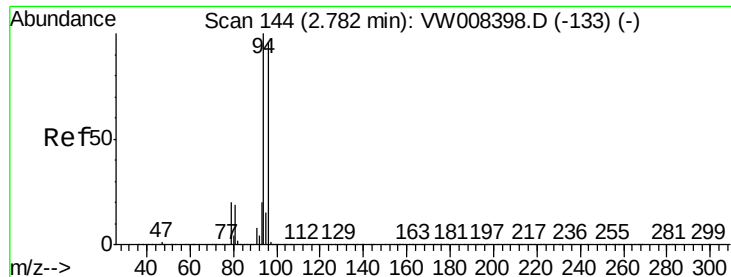
Tgt Ion: 62 Resp: 108270

Ion Ratio Lower Upper

62 100

64 32.6 25.5 38.3





#5

Bromomethane

Concen: 13.015 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW008397.D

Acq: 24 Jan 2019 15:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion: 94 Resp: 69115

Ion Ratio Lower Upper

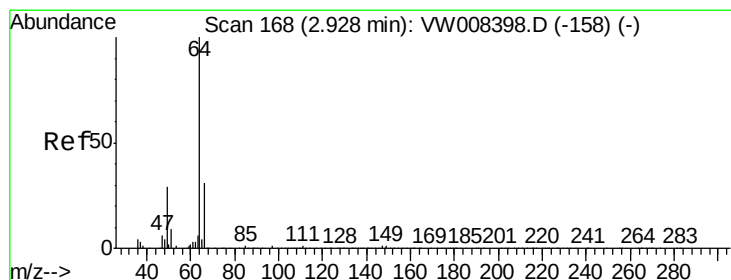
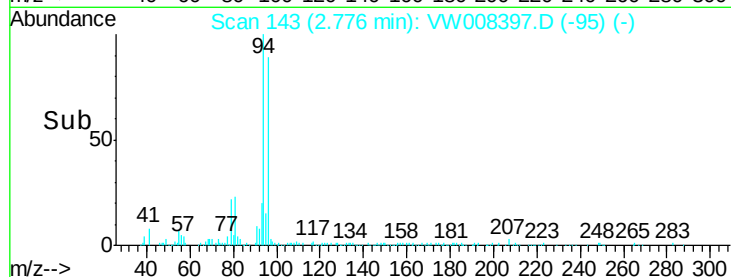
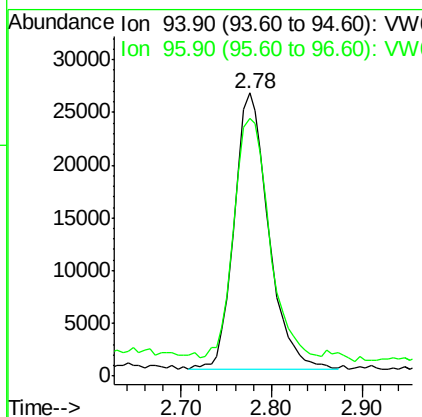
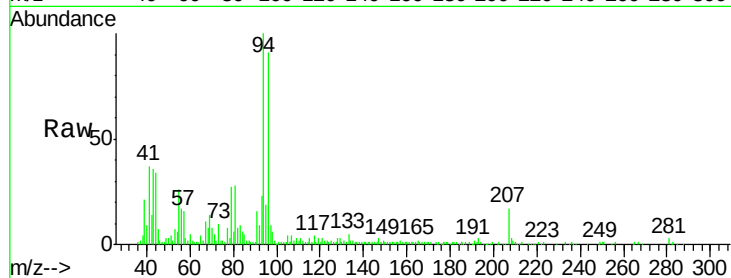
94 100

96 85.9 77.2 115.8

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#6

Chloroethane

Concen: 14.015 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW008397.D

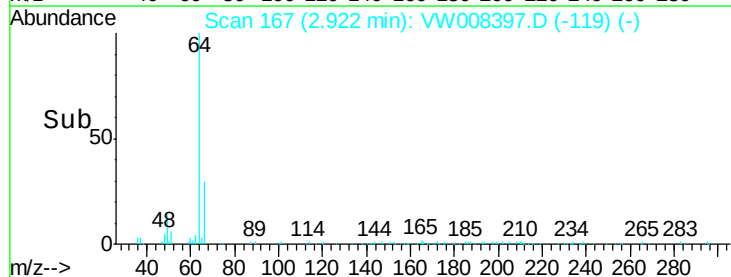
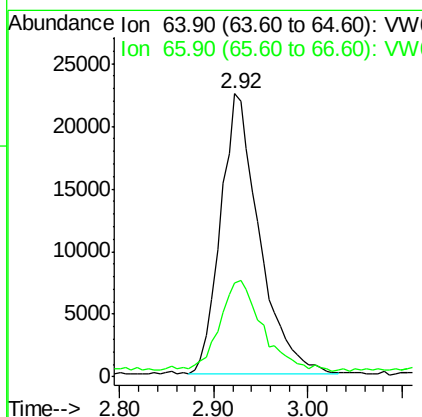
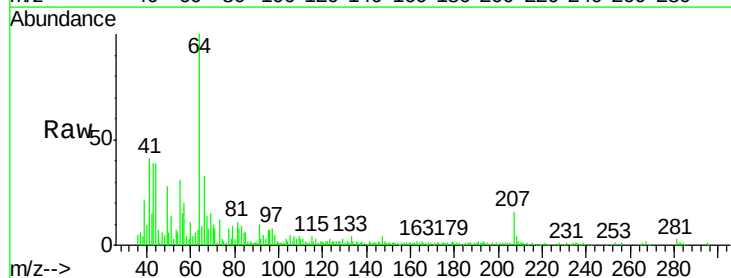
Acq: 24 Jan 2019 15:16

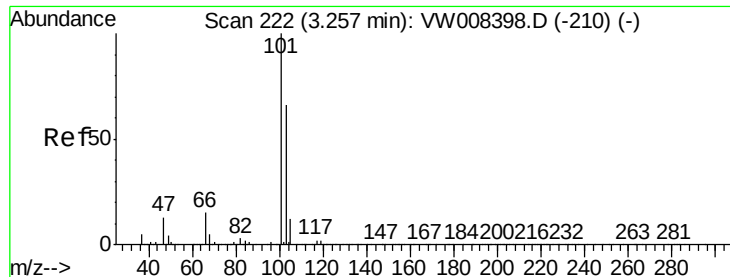
Tgt Ion: 64 Resp: 64281

Ion Ratio Lower Upper

64 100

66 30.9 24.9 37.3





#7

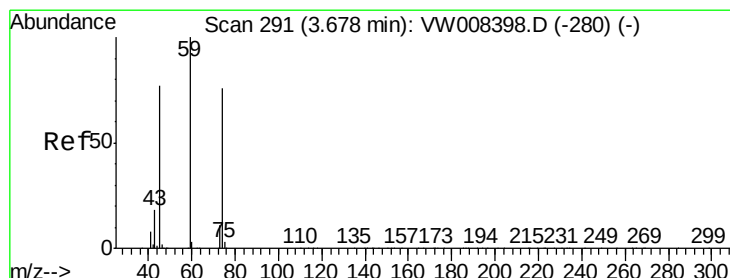
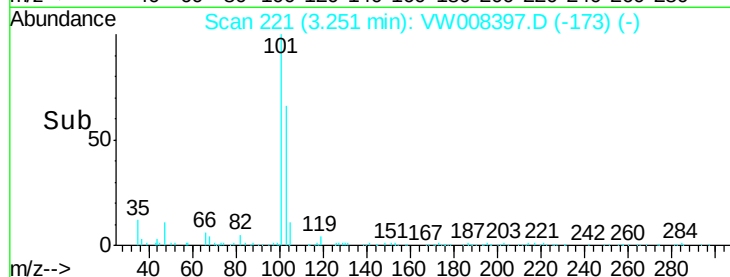
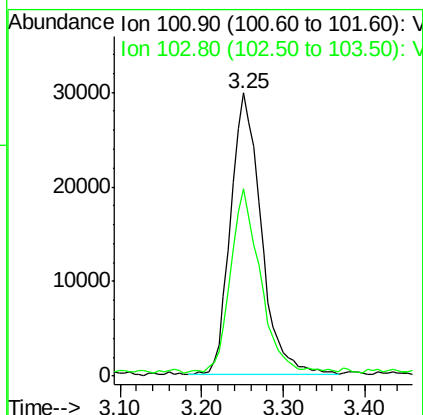
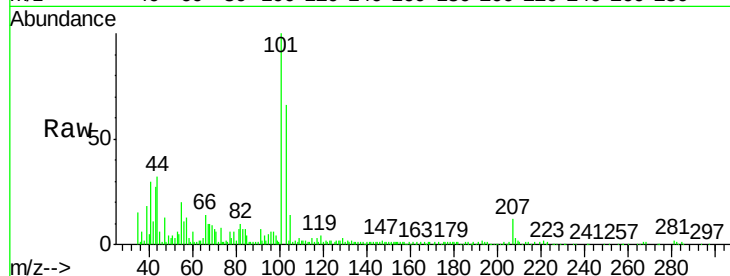
Trichlorofluoromethane
Concen: 14.985 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW008397.D
Acq: 24 Jan 2019 15:16

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	52.5	78.7

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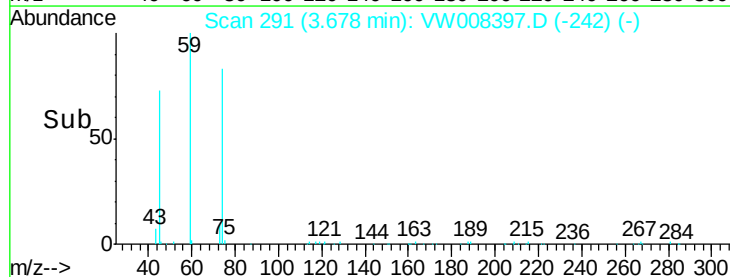
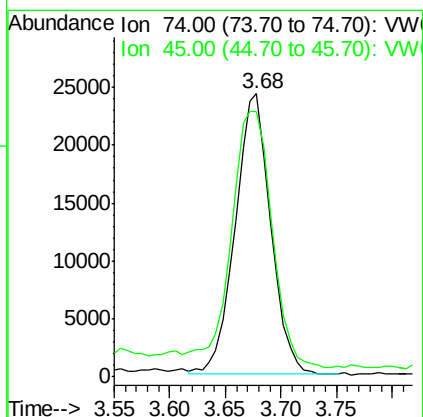
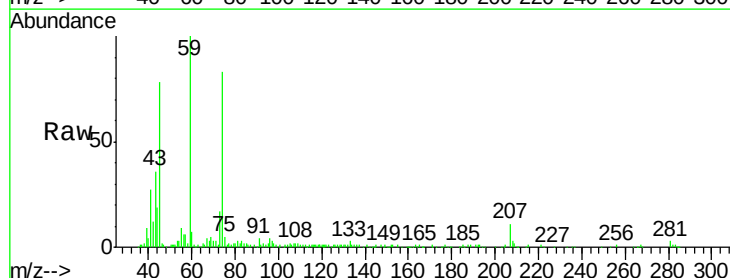
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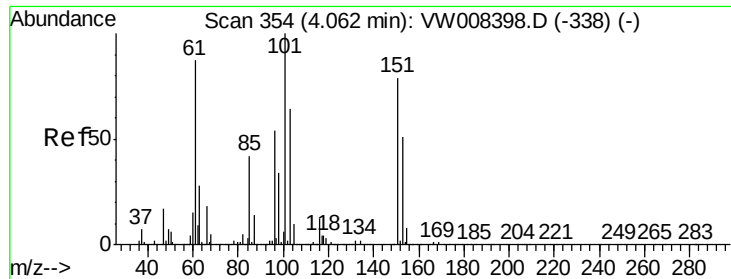


#8

Diethyl Ether
Concen: 15.007 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.00 min
Lab File: VW008397.D
Acq: 24 Jan 2019 15:16

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.3	51.7	155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.605 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW008397.D

Acq: 24 Jan 2019 15:16

Instrument :

MSVOA_W

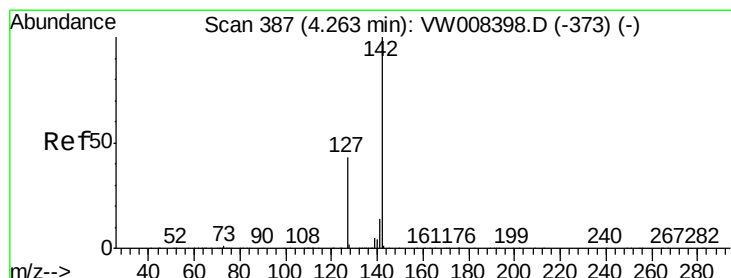
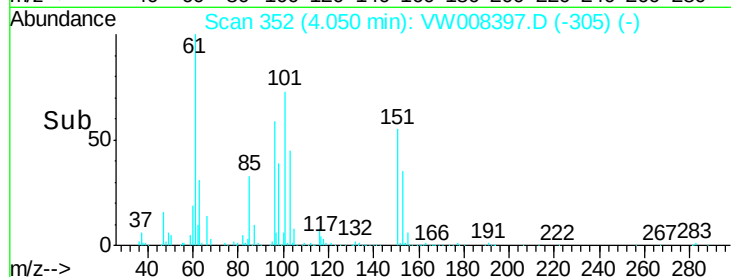
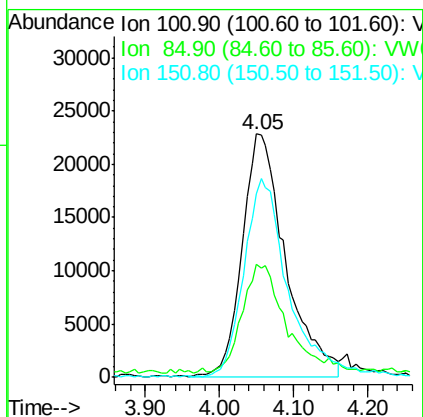
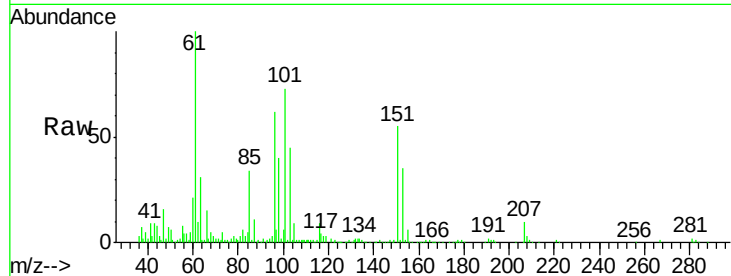
ClientSampleId :

VSTDIC020

Tot Ion:	101	Resp:	93477
Ion Ratio	Lower	Upper	
101	100		
85	43.1	35.0	52.4
151	84.1	62.6	94.0

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#10

Methyl Iodide

Concen: 15.816 ug/l

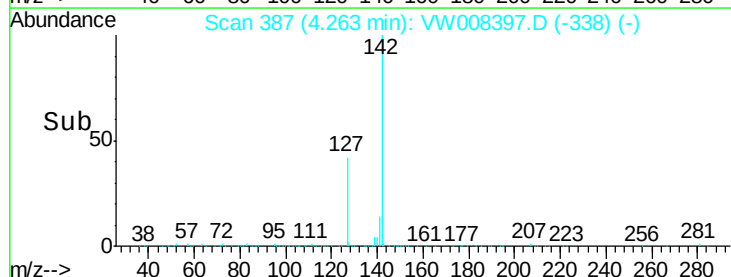
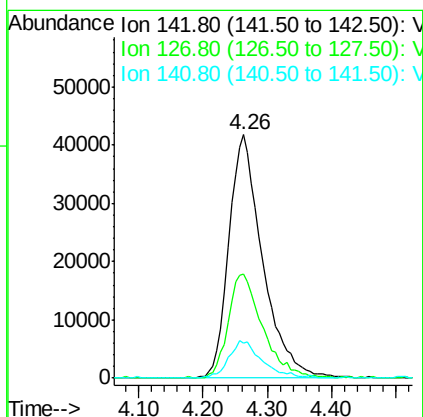
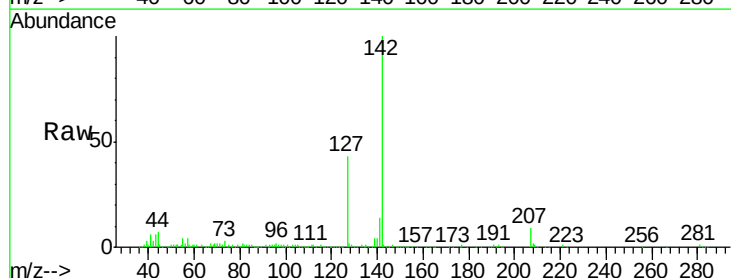
RT: 4.26 min Scan# 387

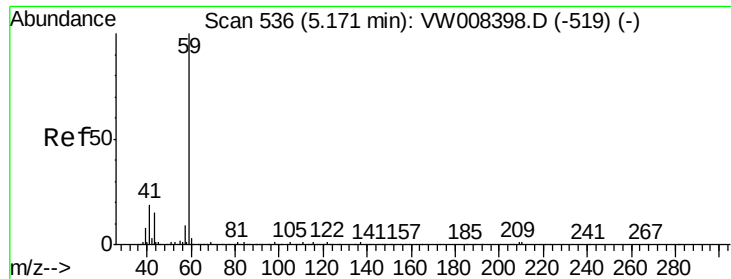
Delta R.T. 0.00 min

Lab File: VW008397.D

Acq: 24 Jan 2019 15:16

Tgt Ion:	142	Resp:	152795
Ion Ratio	Lower	Upper	
142	100		
127	43.0	34.6	52.0
141	15.5	11.4	17.2





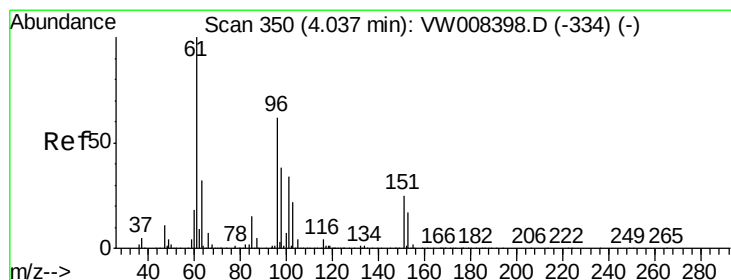
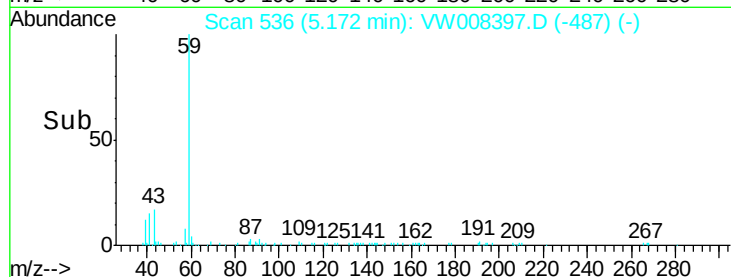
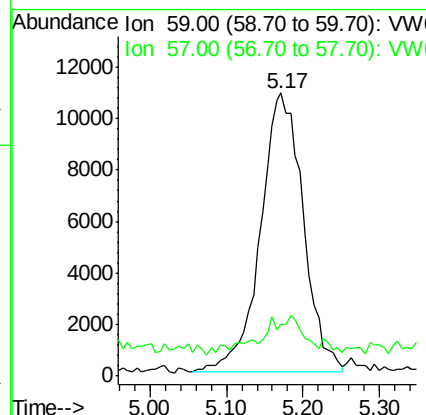
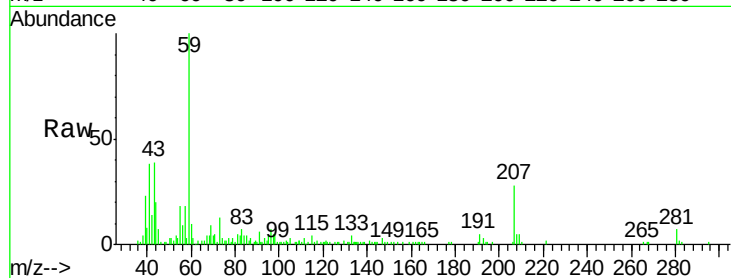
#11
Tert butyl alcohol
Concen: 101.074 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.00 min
Lab File: VW008397.D
Acq: 24 Jan 2019 15:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion: 59 Resp: 42032
Ion Ratio Lower Upper
59 100
57 4.4 9.3 13.9#

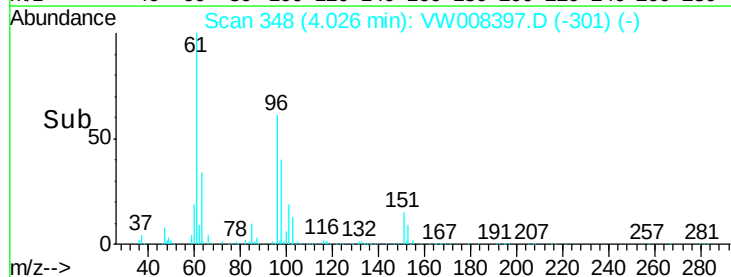
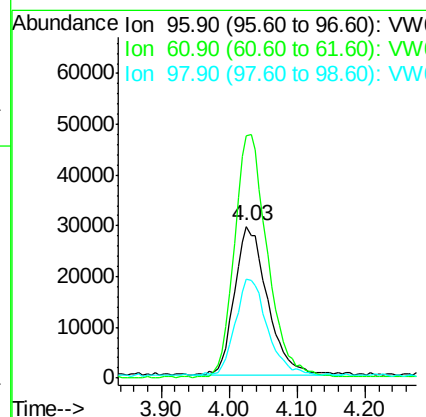
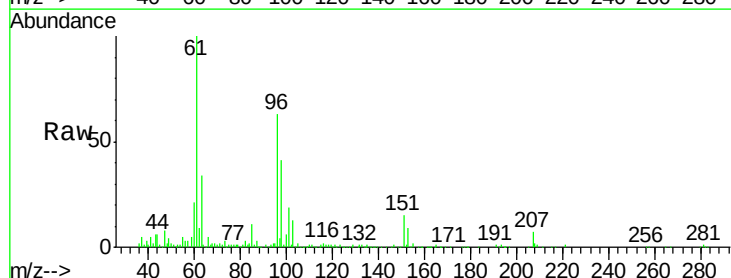
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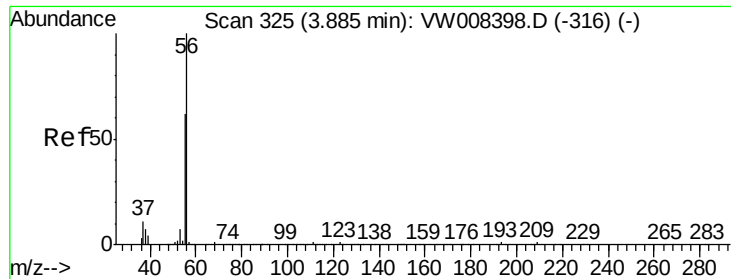
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#12
1,1-Dichloroethene
Concen: 16.348 ug/l
RT: 4.03 min Scan# 348
Delta R.T. -0.01 min
Lab File: VW008397.D
Acq: 24 Jan 2019 15:16

Tgt Ion: 96 Resp: 99598
Ion Ratio Lower Upper
96 100
61 162.0 129.5 194.3
98 64.3 48.6 73.0





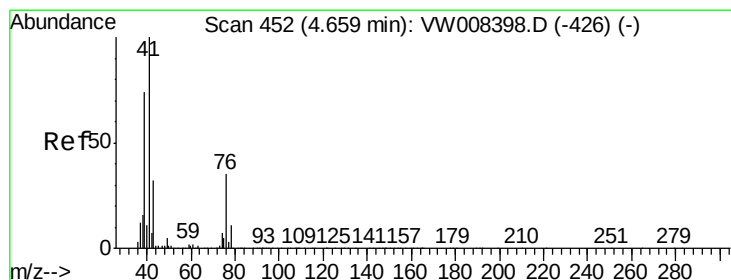
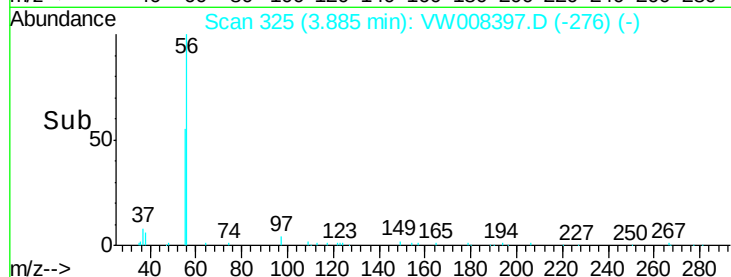
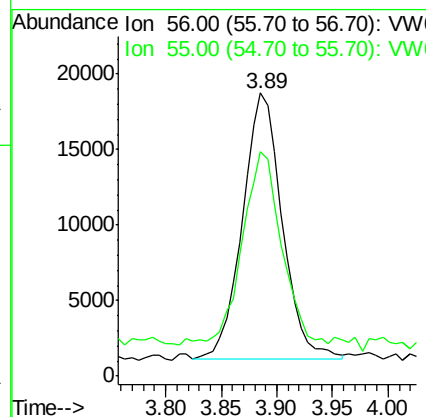
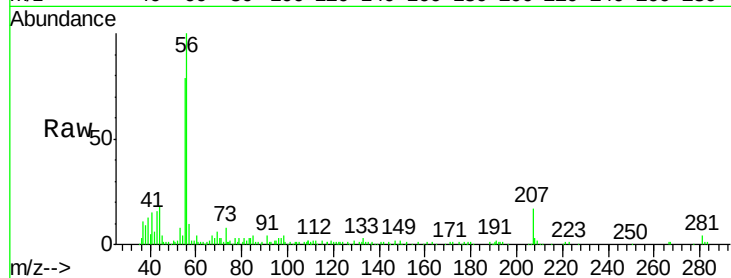
#13
Acrolein
Concen: 115.213 ug/l
RT: 3.89 min Scan# 325
Delta R.T. 0.00 min
Lab File: VW008397.D
Acq: 24 Jan 2019 15:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	56	Resp	43445
Ion Ratio	100	Lower	Upper
55	72.1	56.7	85.1

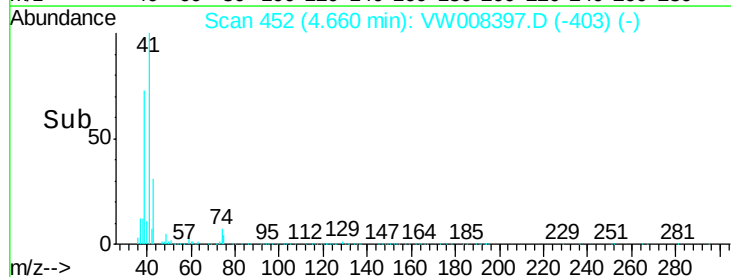
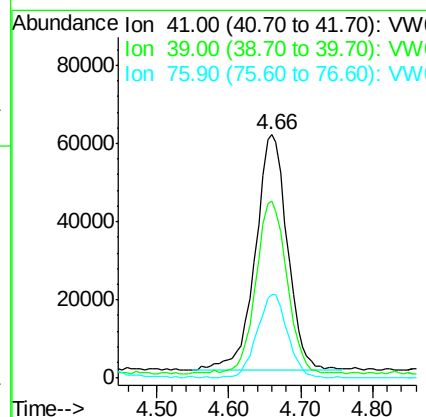
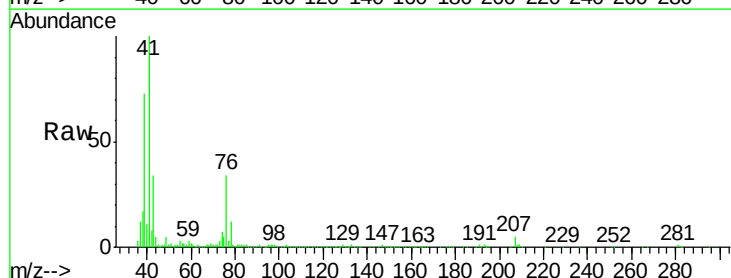
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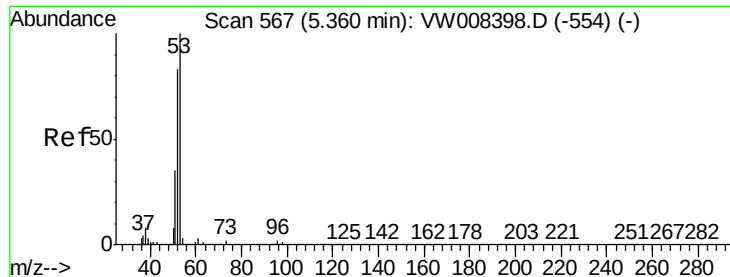
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#14
Allyl chloride
Concen: 18.414 ug/l
RT: 4.66 min Scan# 452
Delta R.T. 0.00 min
Lab File: VW008397.D
Acq: 24 Jan 2019 15:16

Tgt Ion	41	Resp	187547
Ion Ratio	100	Lower	Upper
39	69.3	57.7	86.5
76	33.1	26.9	40.3





#15

Acrylonitrile

Concen: 85.112 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW008397.D

Acq: 24 Jan 2019 15:16

Instrument :

MSVOA_W

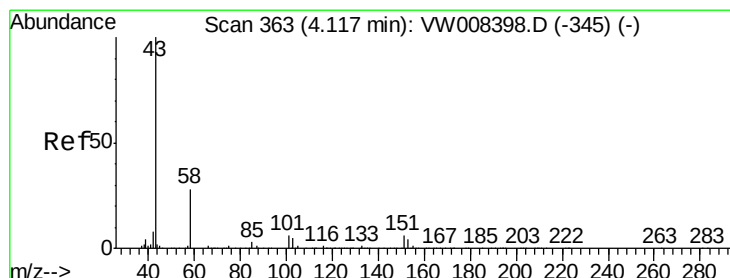
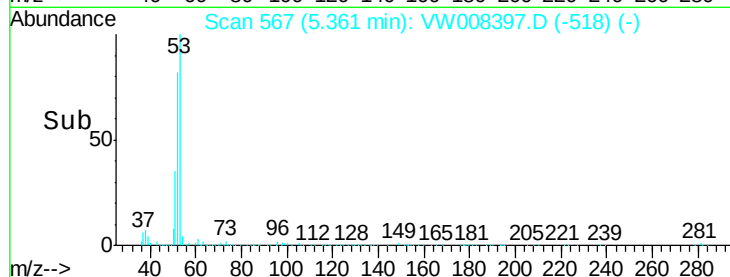
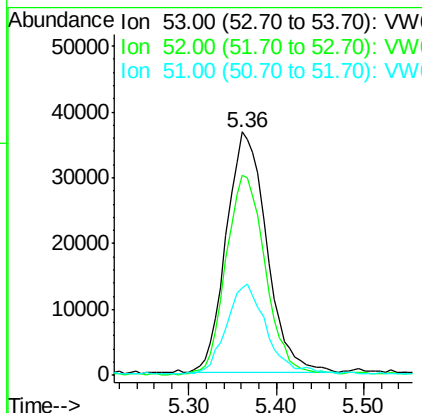
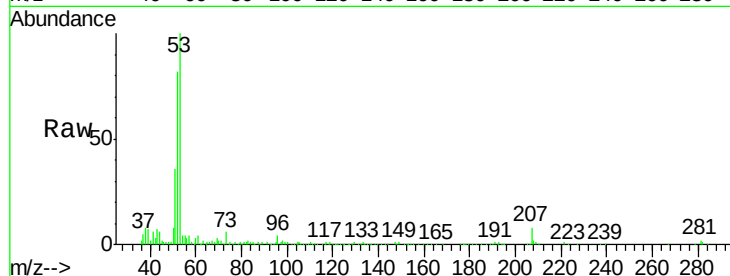
ClientSampleId :

VSTDIC020

Tot Ion:	53	Resp:	116647
Ion Ratio	Lower	Upper	
53	100		
52	81.7	67.0	100.4
51	37.4	29.8	44.8

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#16

Acetone

Concen: 78.776 ug/l

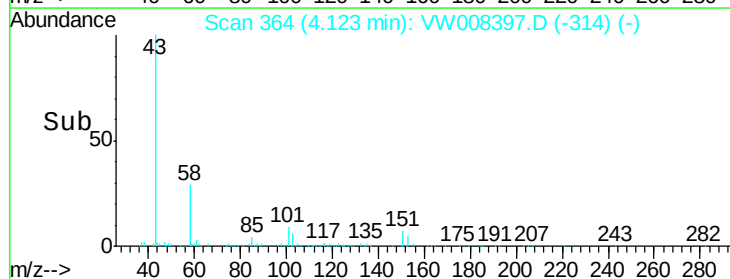
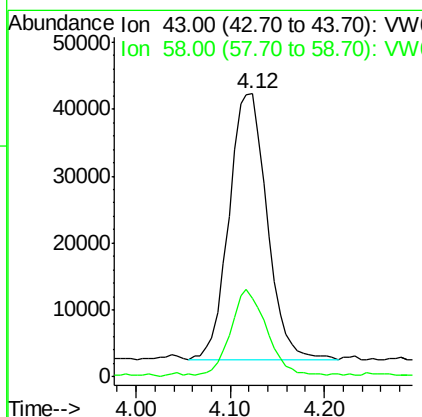
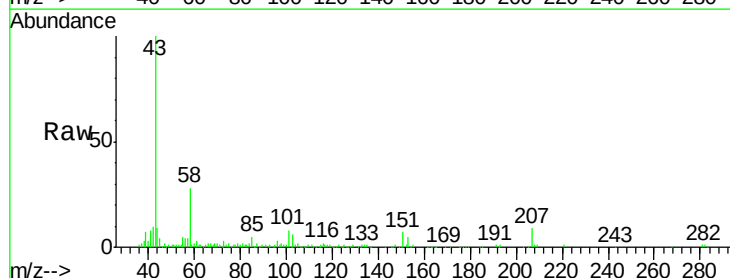
RT: 4.12 min Scan# 364

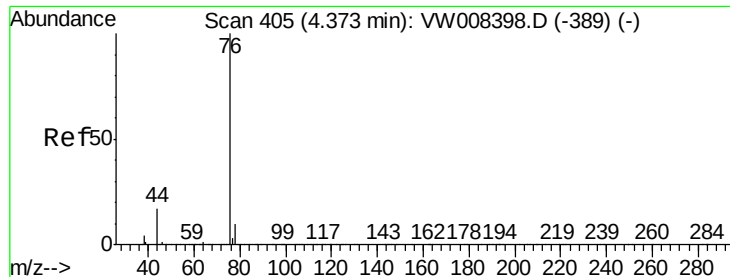
Delta R.T. 0.01 min

Lab File: VW008397.D

Acq: 24 Jan 2019 15:16

Tgt Ion:	43	Resp:	112993
Ion Ratio	Lower	Upper	
43	100		
58	28.5	22.6	34.0





#17

Carbon Disulfide

Concen: 16.562 ug/l

RT: 4.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW008397.D

Acq: 24 Jan 2019 15:16

Tot Ion: 76 Resp: 307036

Ion Ratio Lower Upper

76 100

78 9.9 7.7 11.5

Instrument :

MSVOA_W

ClientSampleId :

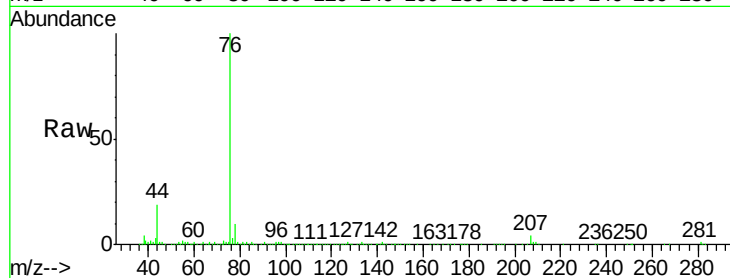
VSTDIC020

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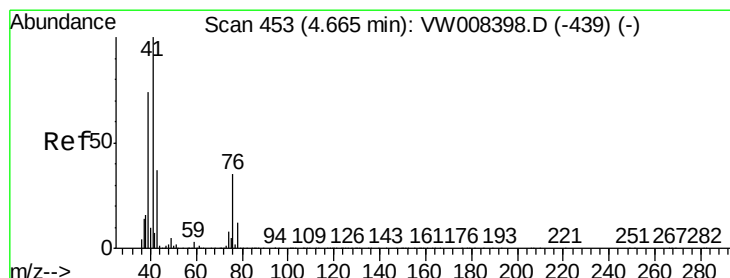
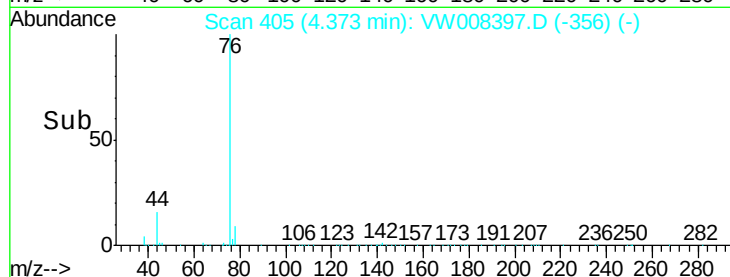
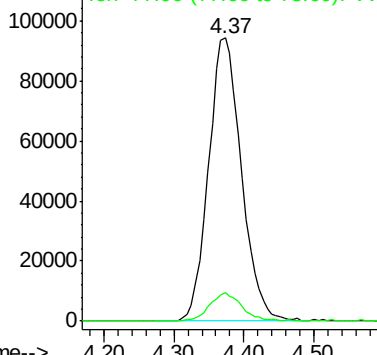
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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#18

Methyl Acetate

Concen: 16.315 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW008397.D

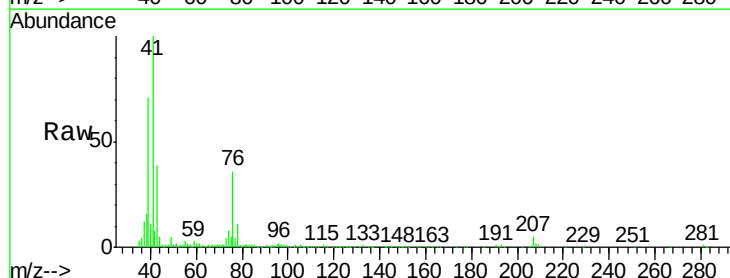
Acq: 24 Jan 2019 15:16

Tgt Ion: 43 Resp: 62512

Ion Ratio Lower Upper

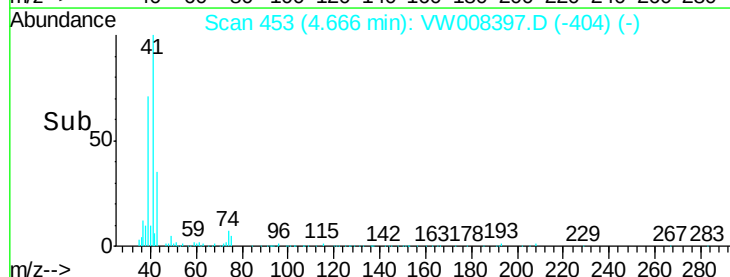
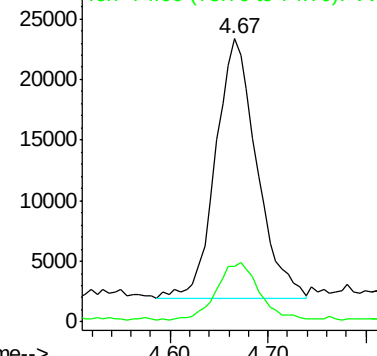
43 100

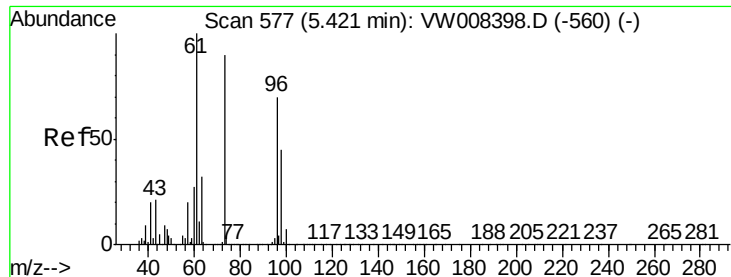
74 22.6 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





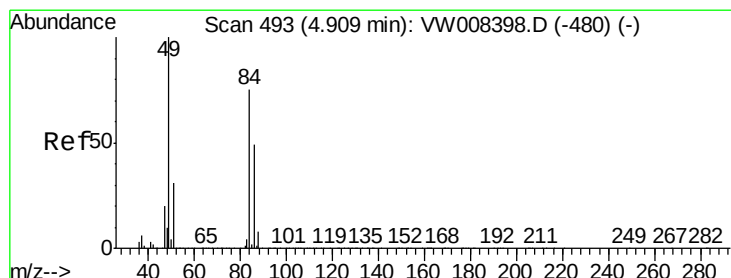
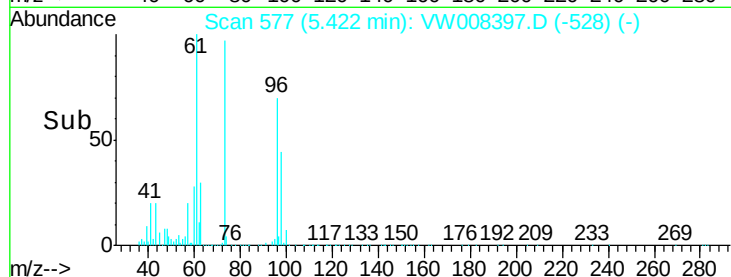
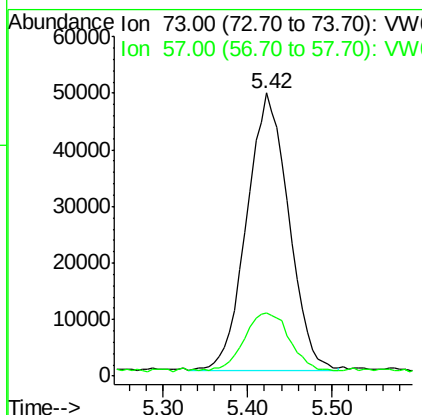
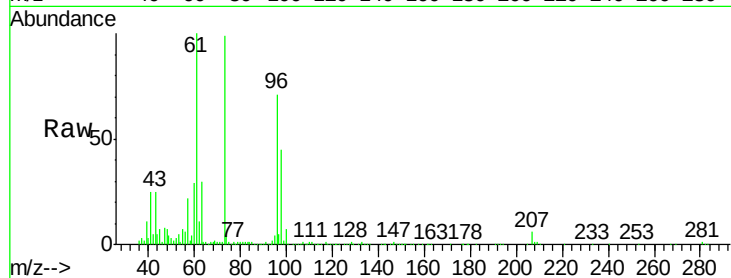
#19
Methyl tert-butyl Ether
Concen: 17.916 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW008397.D
Acq: 24 Jan 2019 15:16

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

Tot Ion: 73 Resp: 167089
Ion Ratio Lower Upper
73 100
57 20.7 18.0 27.0

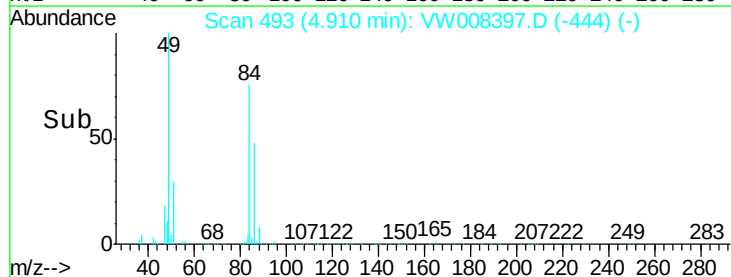
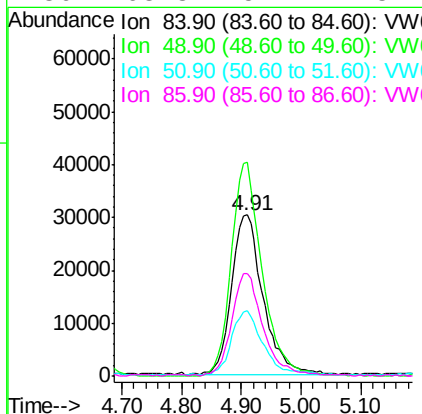
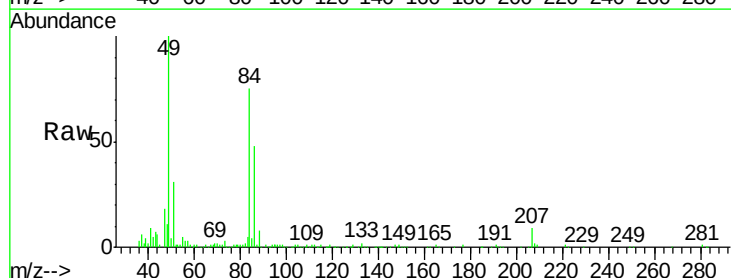
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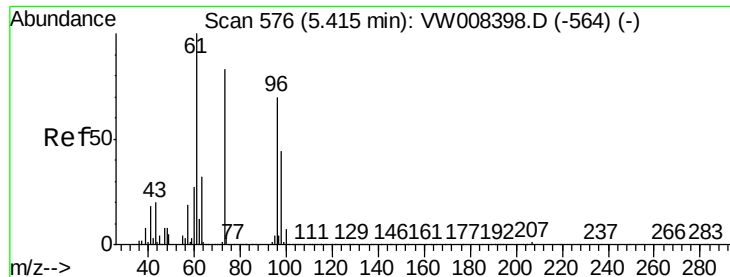
sam
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#20
Methylene Chloride
Concen: 14.491 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008397.D
Acq: 24 Jan 2019 15:16

Tgt Ion: 84 Resp: 110375
Ion Ratio Lower Upper
84 100
49 134.2 106.8 160.2
51 40.4 32.9 49.3
86 63.8 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 16.169 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW008397.D

Acq: 24 Jan 2019 15:16

Instrument :

MSVOA_W

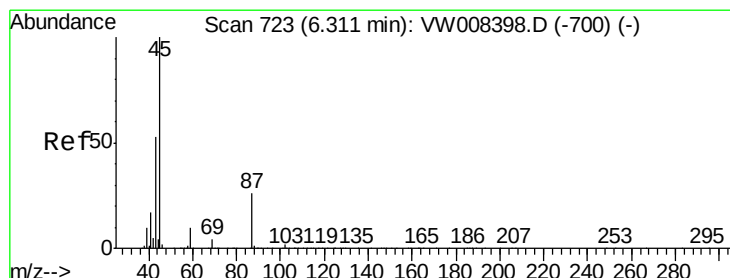
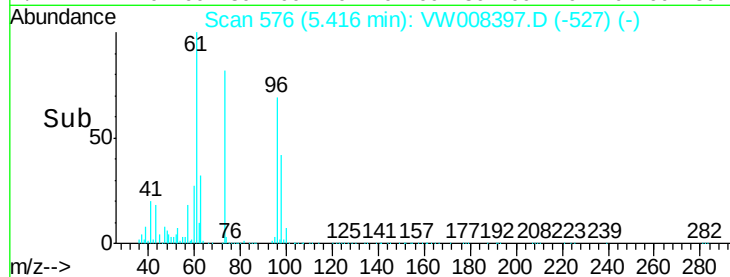
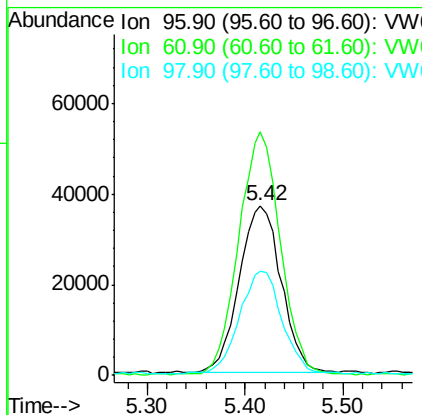
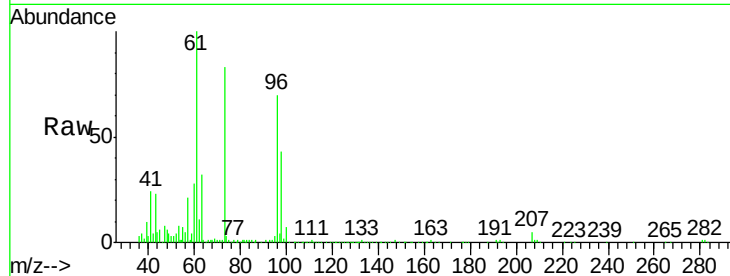
ClientSampleId :

VSTDIC020

Tot Ion:	96	Resp:	110638
Ion	Ratio	Lower	Upper
96	100		
61	144.8	114.4	171.6
98	60.9	50.6	75.8

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#22

Diisopropyl ether

Concen: 17.675 ug/l

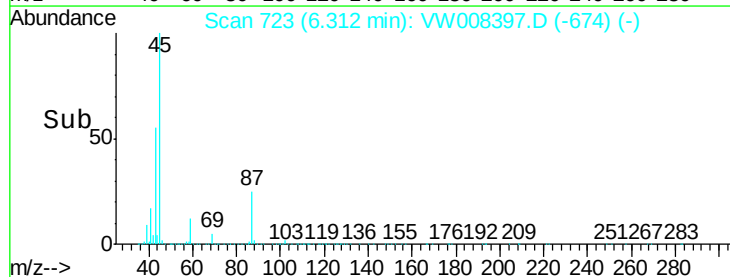
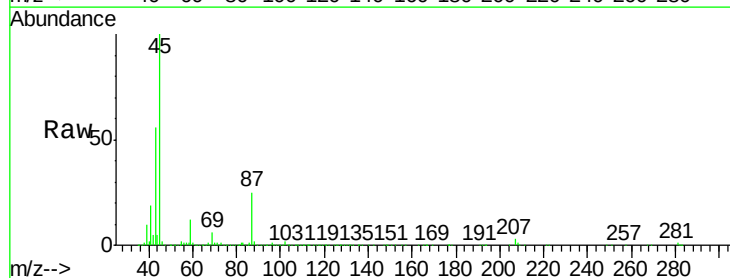
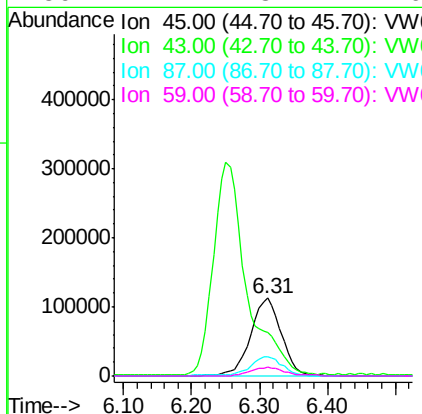
RT: 6.31 min Scan# 723

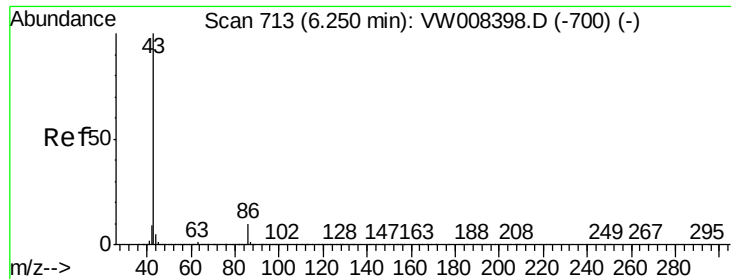
Delta R.T. 0.00 min

Lab File: VW008397.D

Acq: 24 Jan 2019 15:16

Tgt Ion:	45	Resp:	351458
Ion	Ratio	Lower	Upper
45	100		
43	54.2	42.6	63.8
87	25.2	20.3	30.5
59	11.4	8.4	12.6





#23

Vinyl Acetate

Concen: 97.981 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW008397.D

Acq: 24 Jan 2019 15:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 1041444

Ion Ratio Lower Upper

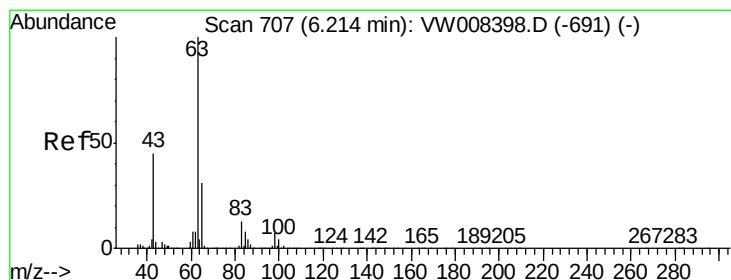
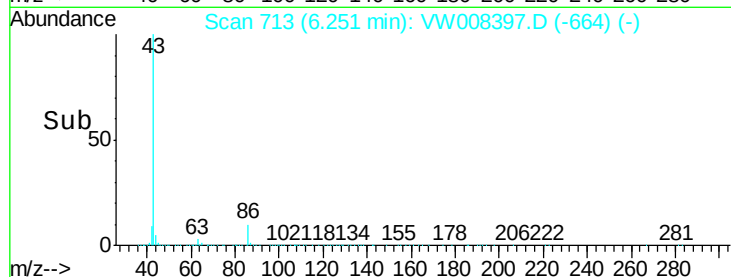
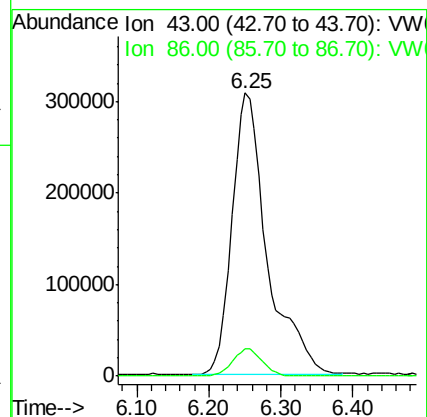
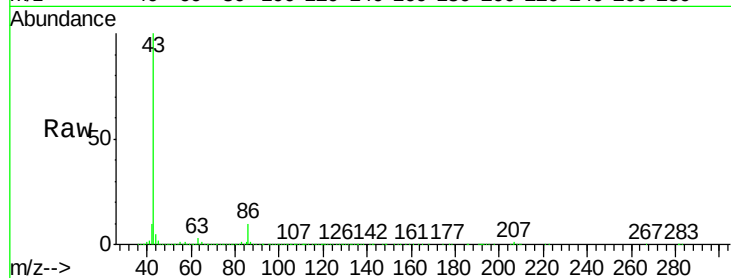
43 100

86 9.6 7.8 11.8

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#24

1,1-Dichloroethane

Concen: 16.667 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW008397.D

Acq: 24 Jan 2019 15:16

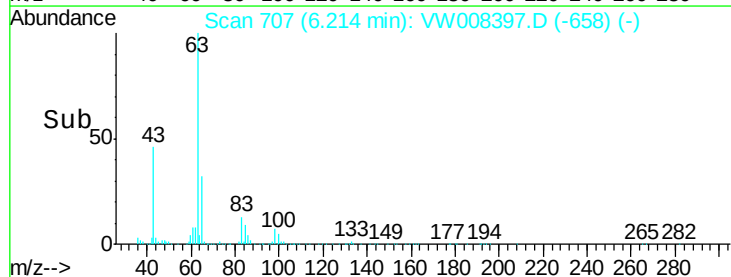
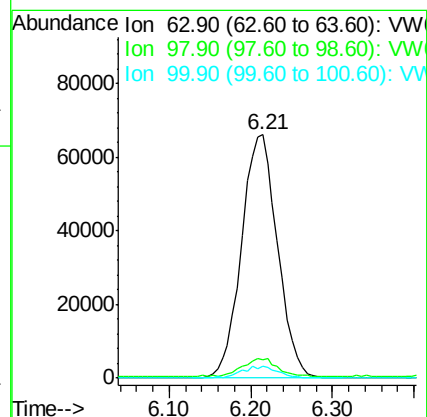
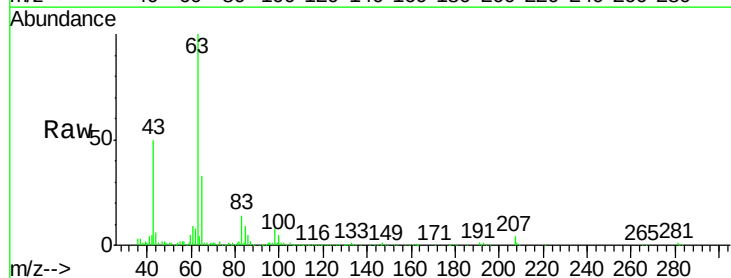
Tgt Ion: 63 Resp: 201794

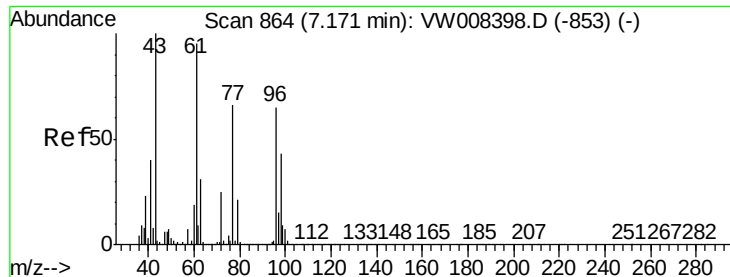
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

100 4.9 2.1 6.2





#25

2-Butanone

Concen: 89.135 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008397.D

Acq: 24 Jan 2019 15:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 163753

Ion Ratio Lower Upper

43 100

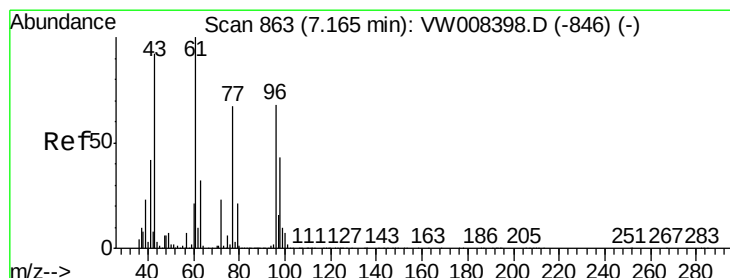
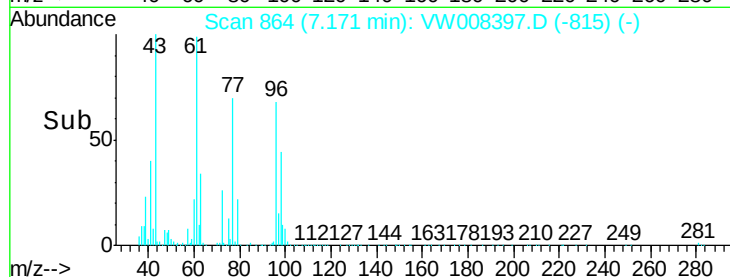
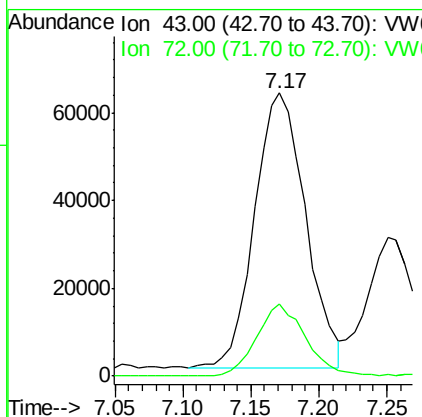
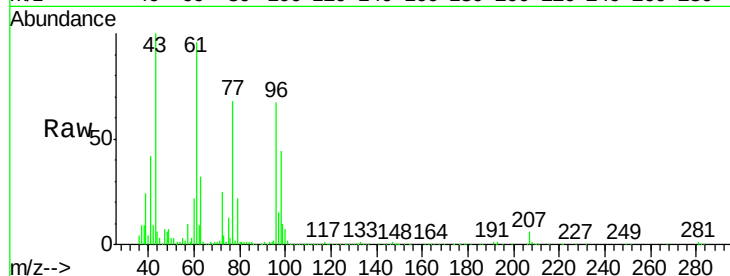
72 26.0 20.1 30.1

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#26

2,2-Dichloropropane

Concen: 17.877 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW008397.D

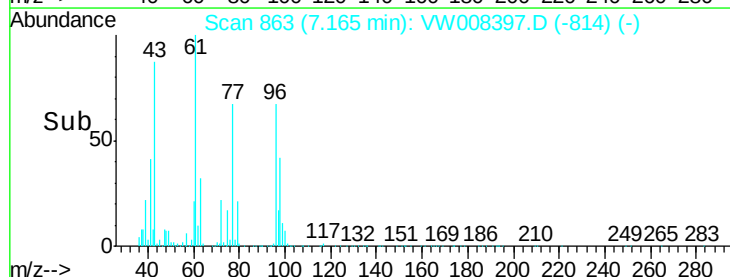
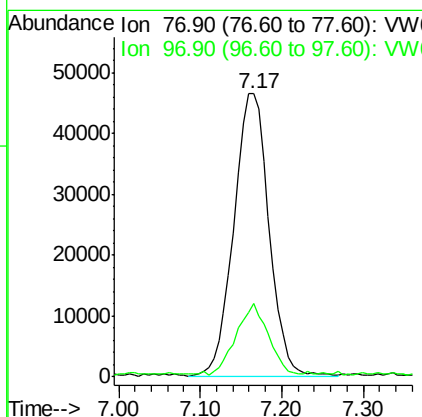
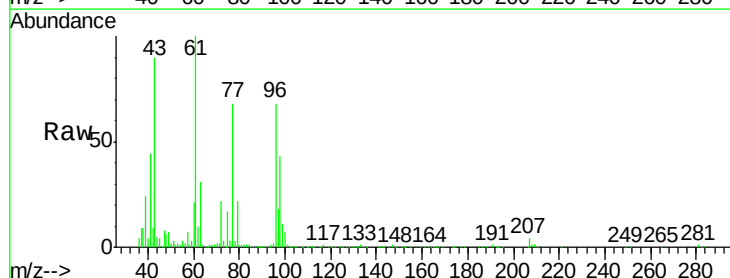
Acq: 24 Jan 2019 15:16

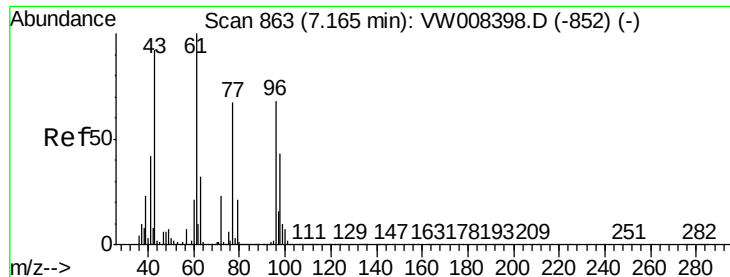
Tgt Ion: 77 Resp: 138119

Ion Ratio Lower Upper

77 100

97 22.3 11.5 34.5





#27

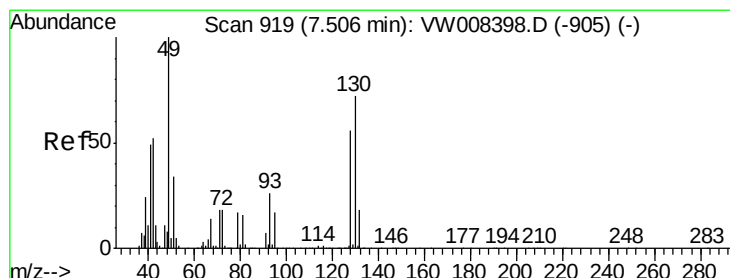
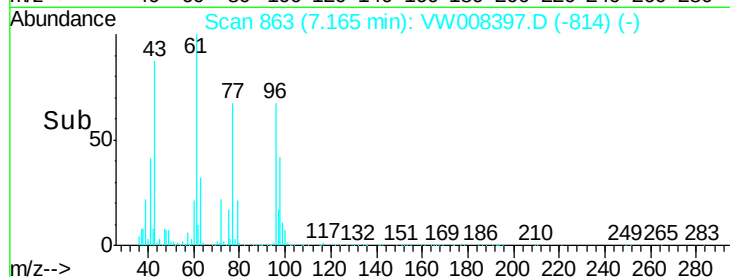
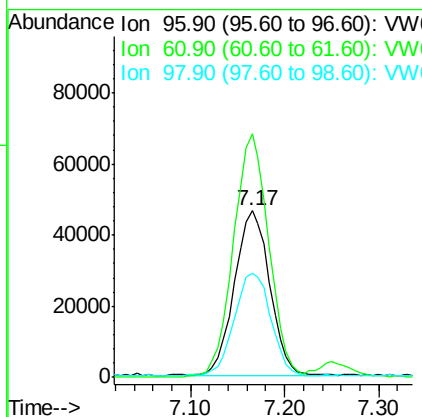
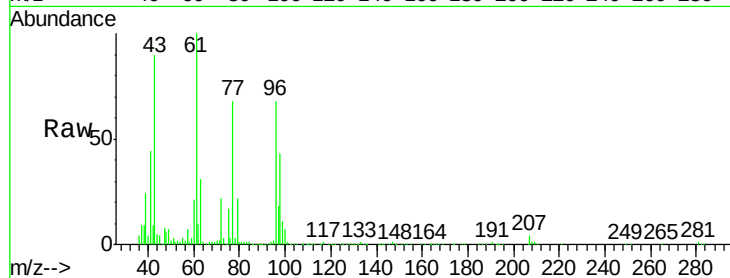
cis-1,2-Dichloroethene
Concen: 16.214 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW008397.D
Acq: 24 Jan 2019 15:16

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
96	100	120206		
61	147.9	0.0	292.8	
98	65.2	0.0	129.2	

Manual Integrations
APPROVED

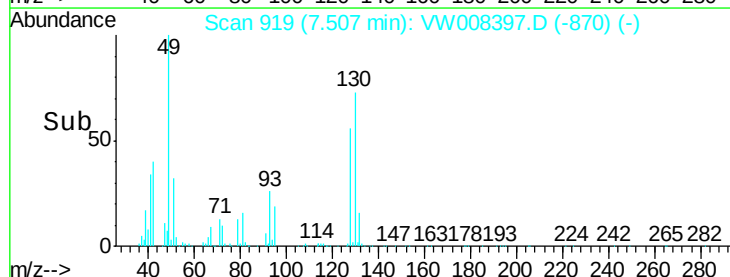
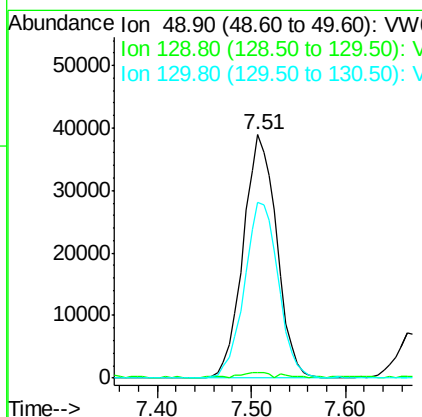
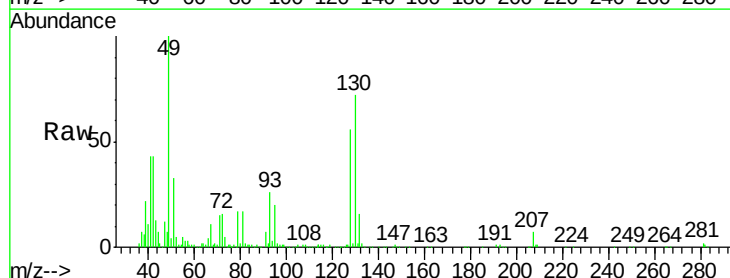
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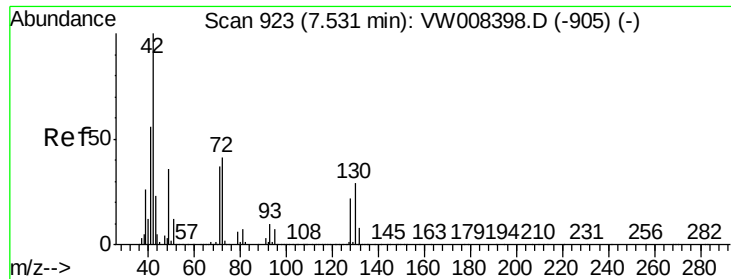


#28

Bromochloromethane
Concen: 19.491 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW008397.D
Acq: 24 Jan 2019 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	97223		
129	1.9	0.0	4.6	
130	73.2	58.6	87.8	





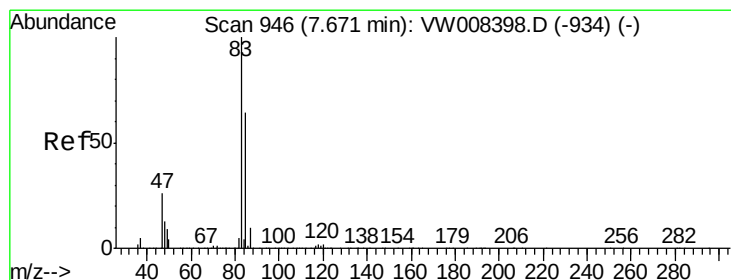
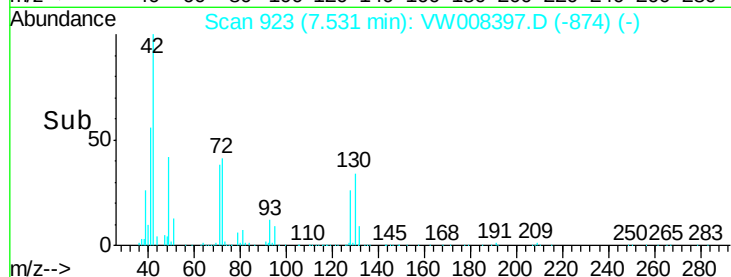
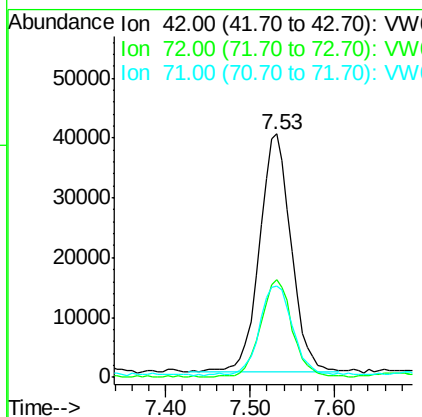
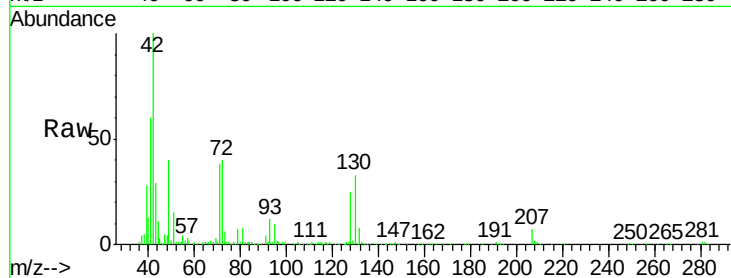
#29
Tetrahydrofuran
Concen: 90.057 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW008397.D
Acq: 24 Jan 2019 15:16

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.0	31.9	47.9
71	38.6	29.9	44.9

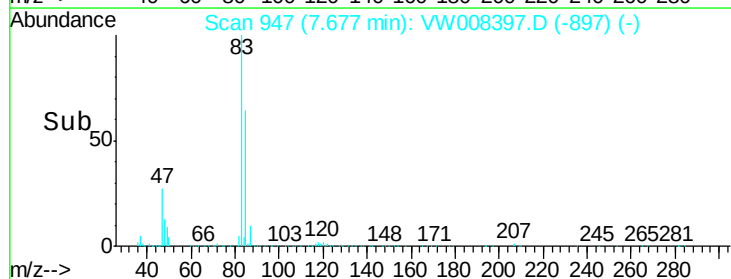
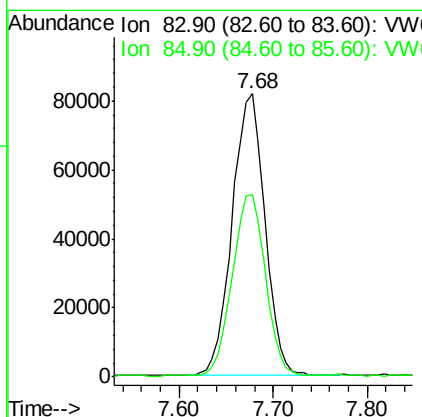
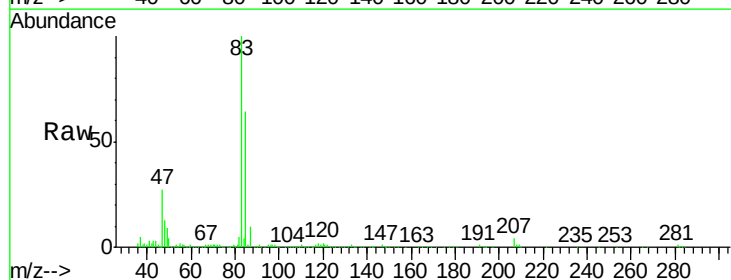
Manual Integrations
APPROVED

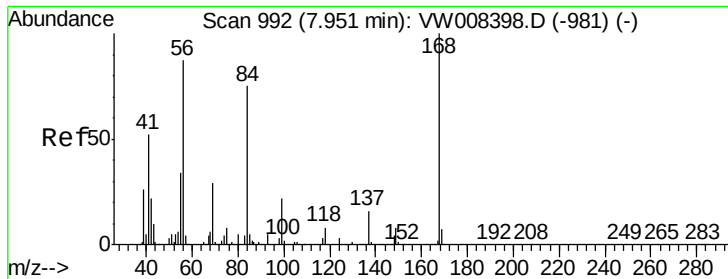
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#30
Chloroform
Concen: 16.430 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW008397.D
Acq: 24 Jan 2019 15:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.9	76.3





#31

Cyclohexane

Concen: 17.956 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008397.D

Acq: 24 Jan 2019 15:16

Instrument :

MSVOA_W

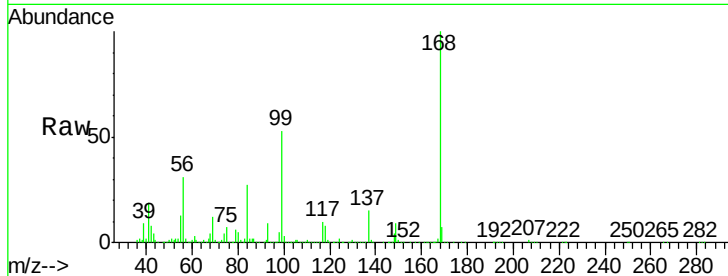
ClientSampleId :

VSTDIC020

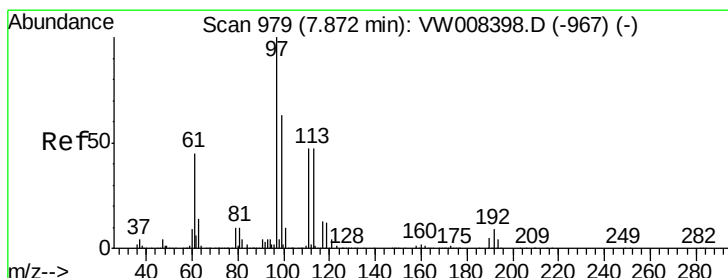
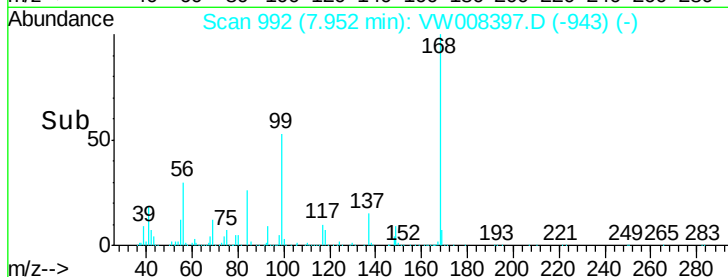
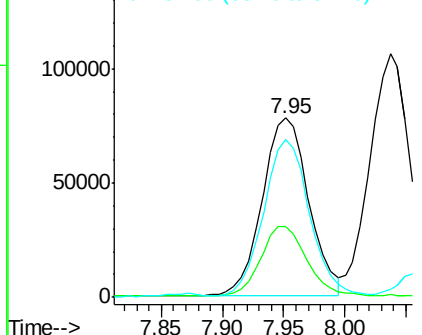
Tot Ion:	56	Resp:	207126
Ion Ratio		Lower	Upper
56	100		
69	38.9	26.4	39.6
84	86.4	69.1	103.7

Manual Integrations
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Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW



#32

1,1,1-Trichloroethane

Concen: 16.865 ug/l

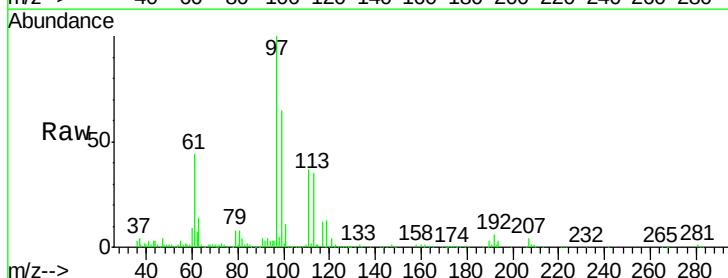
RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

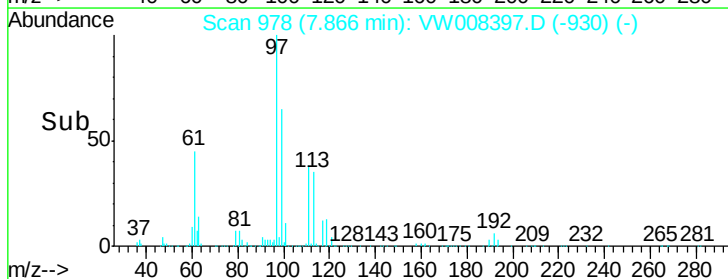
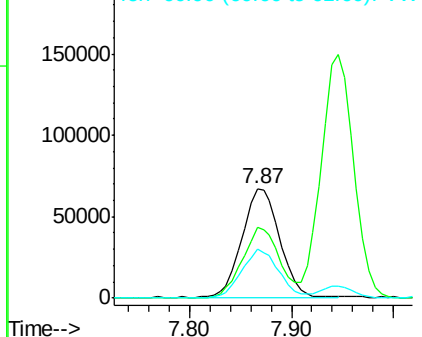
Lab File: VW008397.D

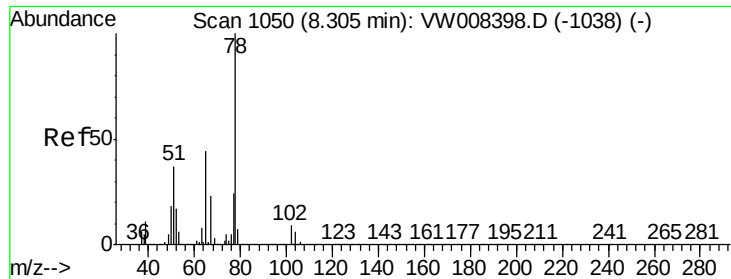
Acq: 24 Jan 2019 15:16

Tgt Ion:	97	Resp:	169547
Ion Ratio		Lower	Upper
97	100		
99	64.3	51.3	76.9
61	44.4	36.2	54.4



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





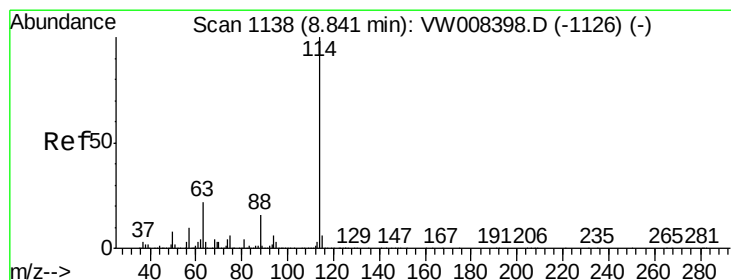
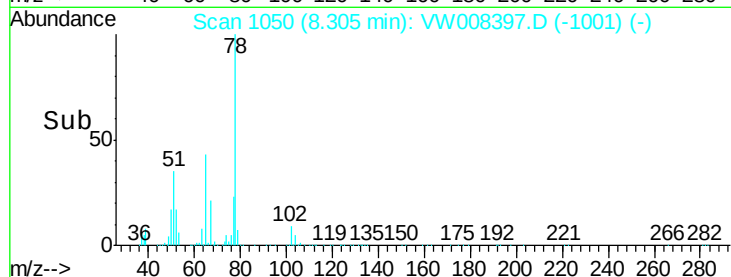
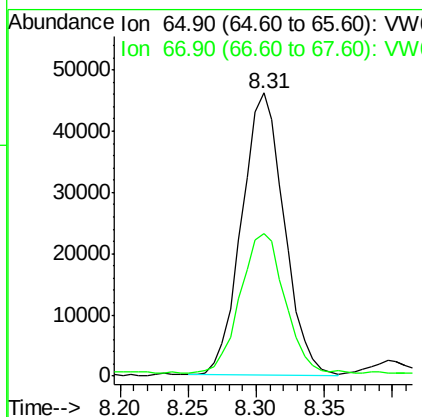
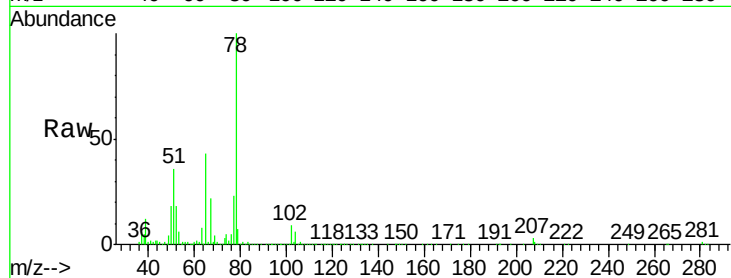
#33
 1,2-Dichloroethane-d4
 Concen: 16.268 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008397.D
 Acq: 24 Jan 2019 15:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion: 65 Resp: 100473
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.0

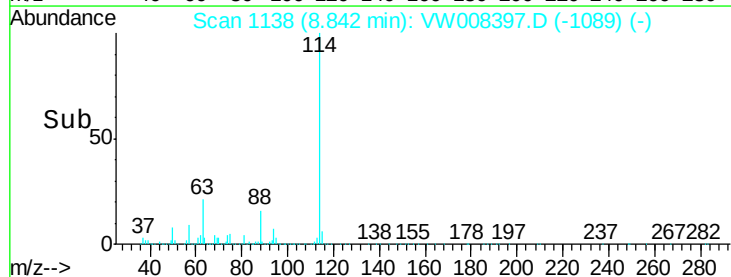
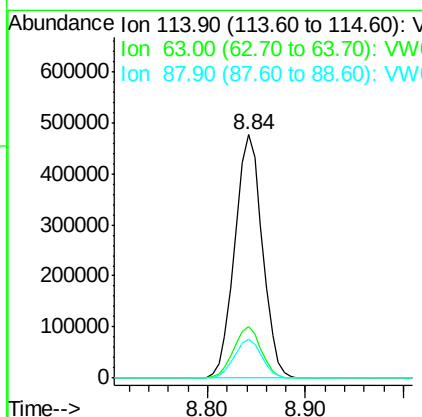
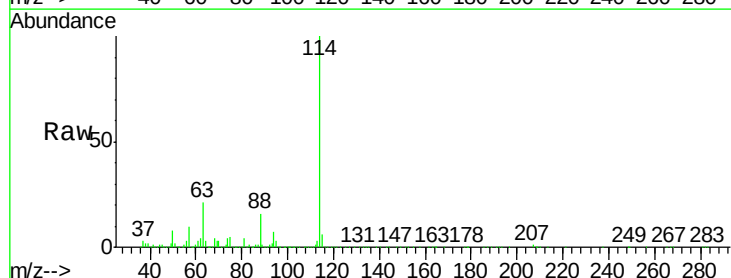
Manual Integrations
 APPROVED

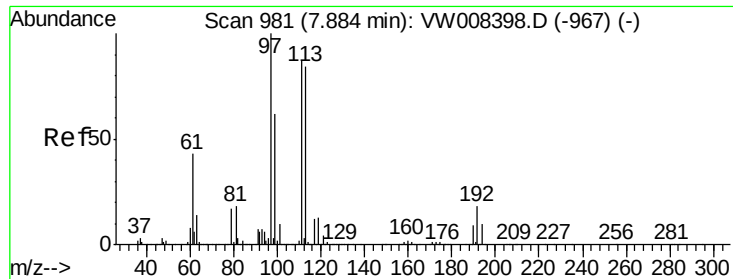
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008397.D
 Acq: 24 Jan 2019 15:16

Tgt Ion: 114 Resp: 932510
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.6
 88 16.0 0.0 31.8





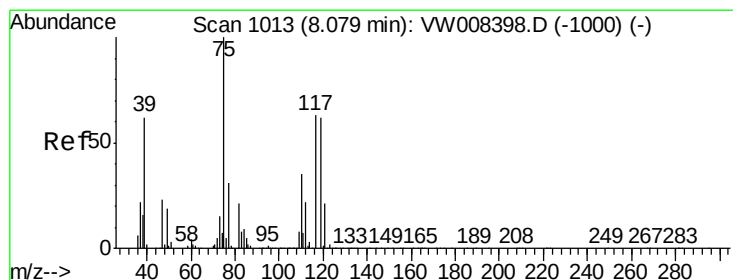
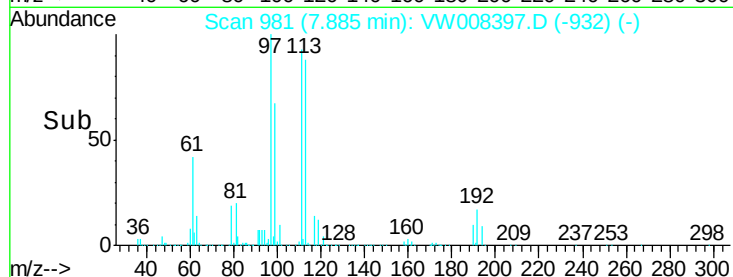
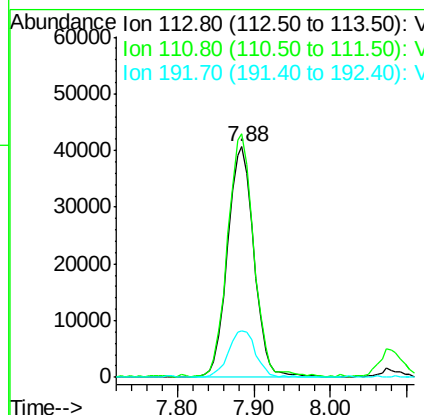
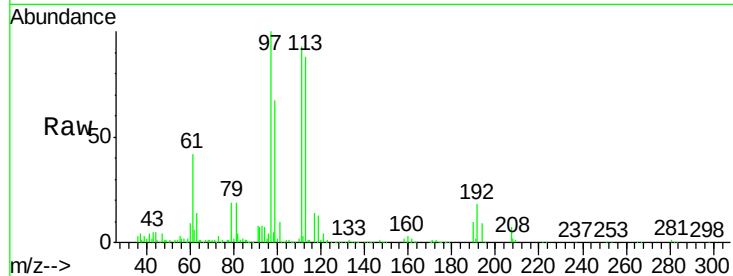
#35
 Dibromofluoromethane
 Concen: 16.323 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008397.D
 Acq: 24 Jan 2019 15:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.0	121.4
192	20.4	16.8	25.2

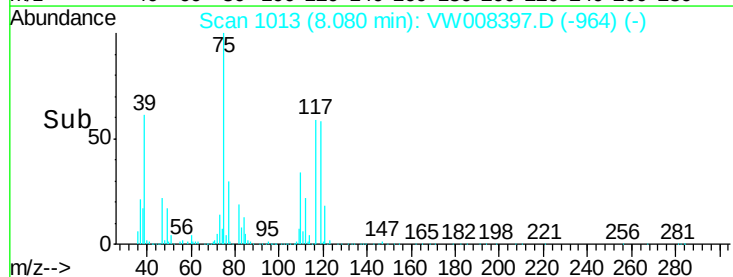
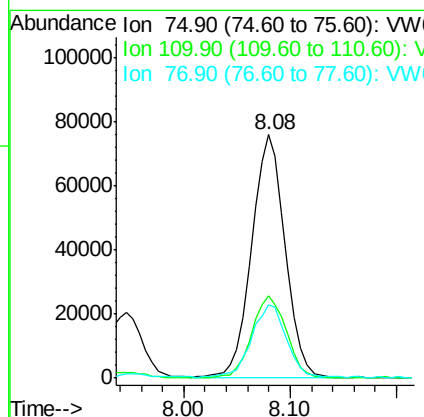
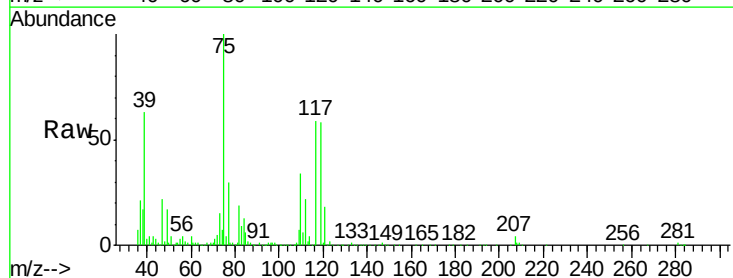
Manual Integrations
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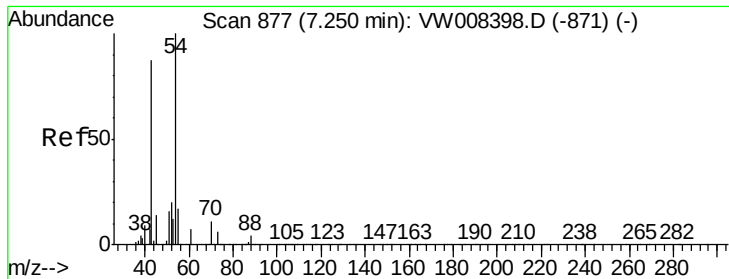
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#36
 1,1-Dichloropropene
 Concen: 17.693 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW008397.D
 Acq: 24 Jan 2019 15:16

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.3	52.0
77	31.0	24.7	37.1





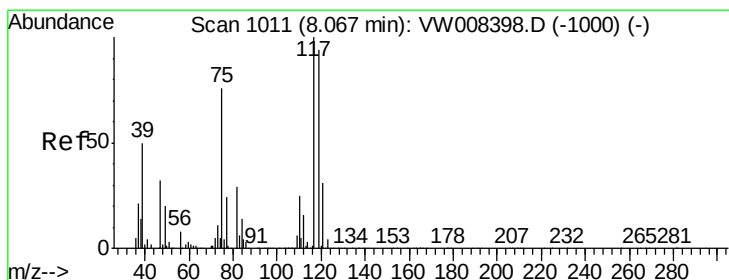
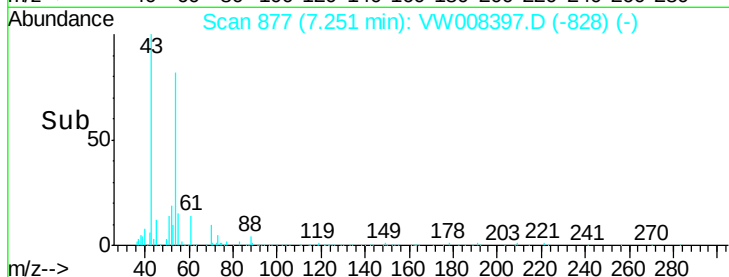
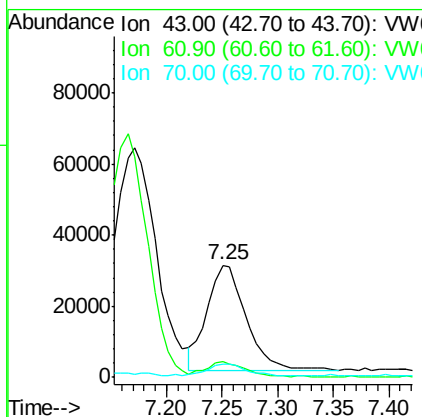
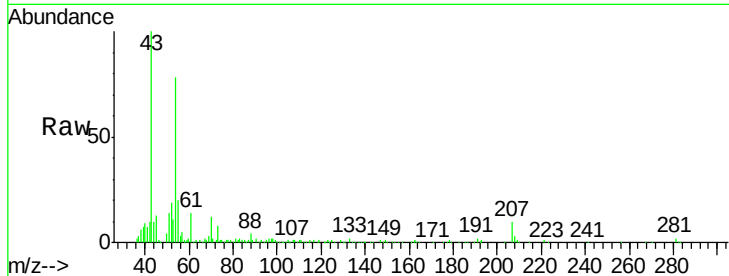
#37
Ethyl Acetate
Concen: 18.756 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW008397.D
Acq: 24 Jan 2019 15:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.1	15.1
70	10.3	7.8	11.6

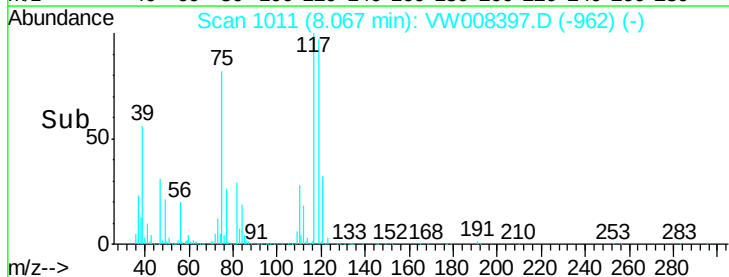
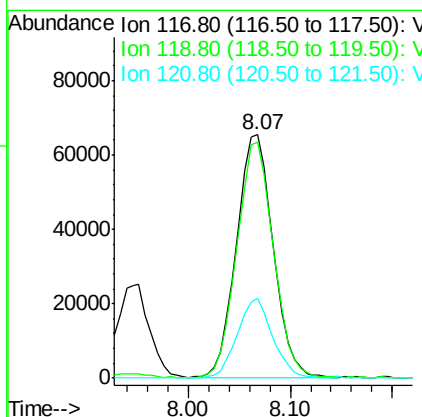
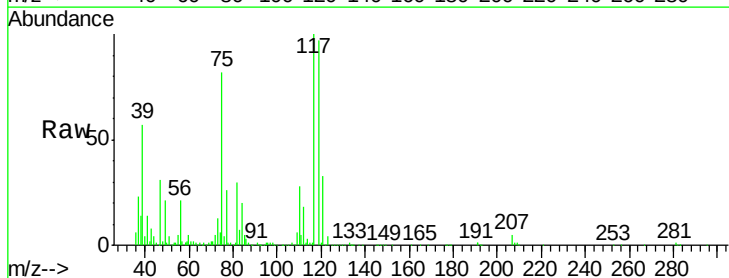
Manual Integrations
APPROVED

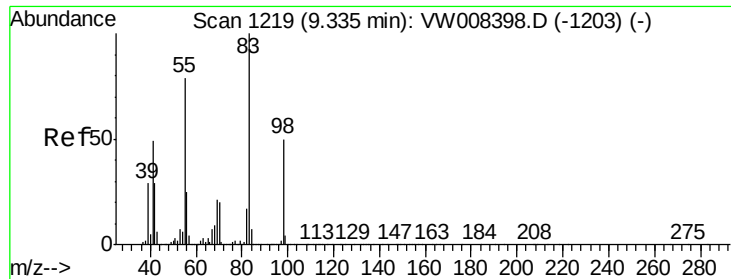
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#38
Carbon Tetrachloride
Concen: 17.578 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW008397.D
Acq: 24 Jan 2019 15:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.0	112.4
121	32.7	24.9	37.3





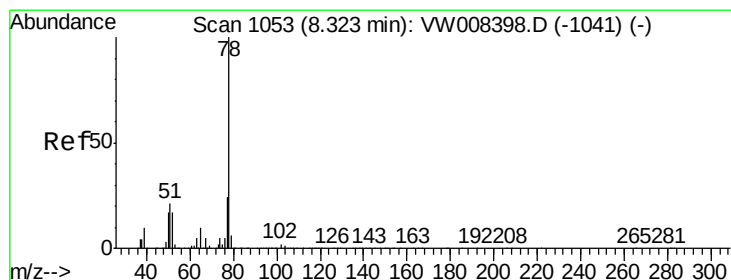
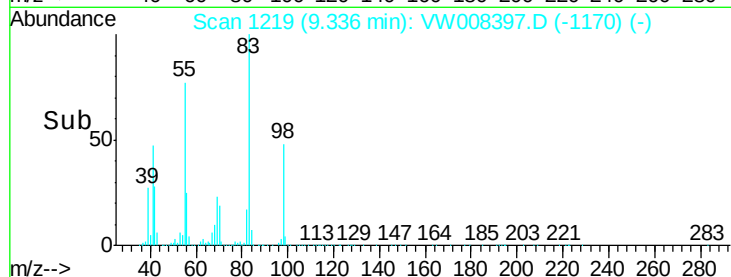
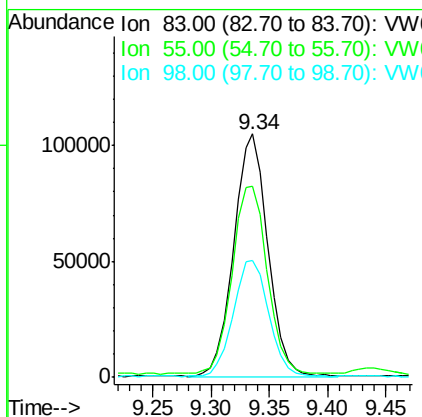
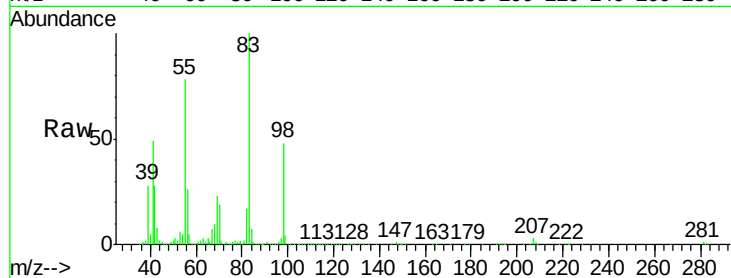
#39
Methylvlcyclohexane
Concen: 18.988 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008397.D
Acq: 24 Jan 2019 15:16

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.2	63.3	94.9
98	47.8	39.7	59.5

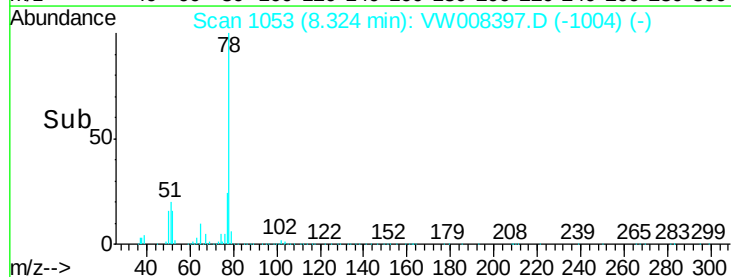
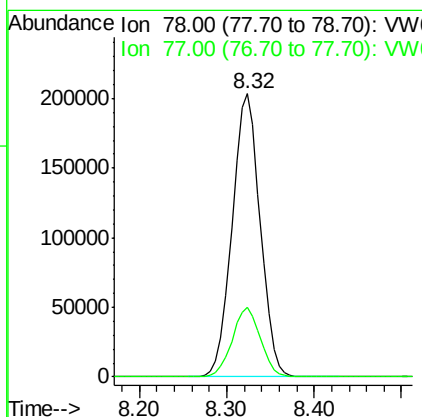
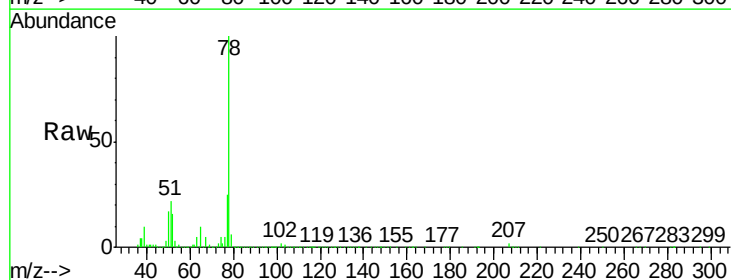
Manual Integrations
APPROVED

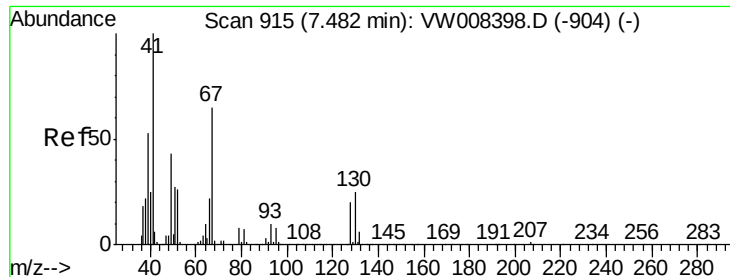
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#40
Benzene
Concen: 17.001 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008397.D
Acq: 24 Jan 2019 15:16

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.0	28.6





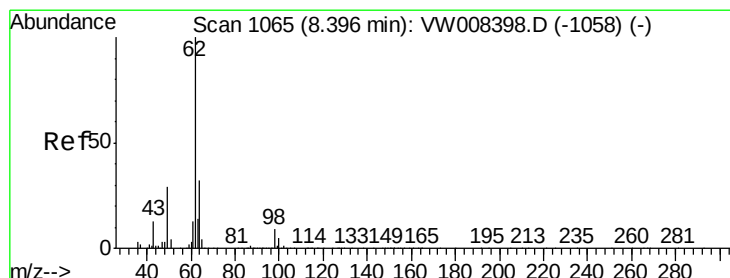
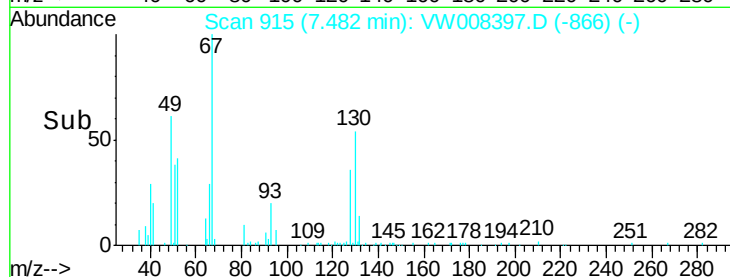
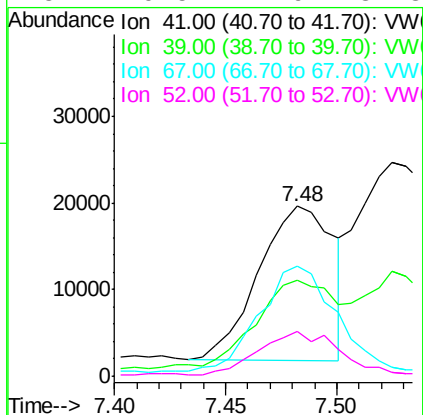
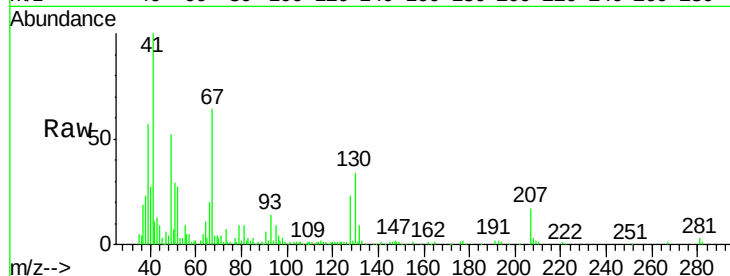
#41
Methacrylonitrile
Concen: 18.487 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW008397.D
Acq: 24 Jan 2019 15:16

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
41	100		
39	58.5	43.4	65.0
67	71.3	54.2	81.2
52	29.5	22.9	34.3

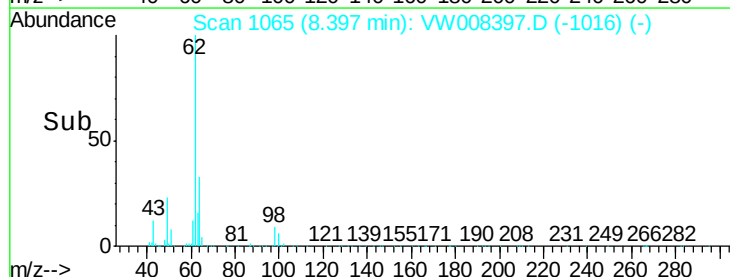
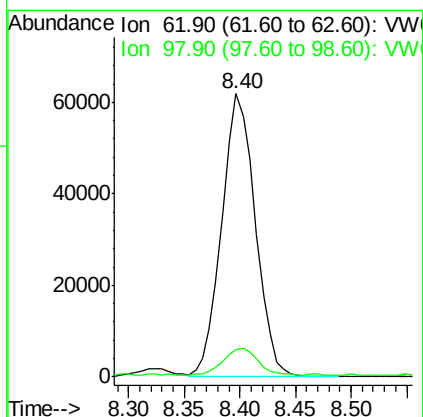
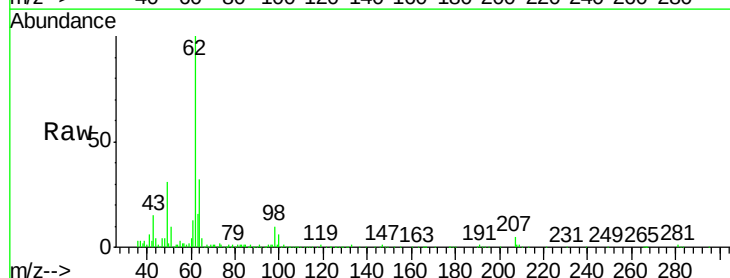
Manual Integrations
APPROVED

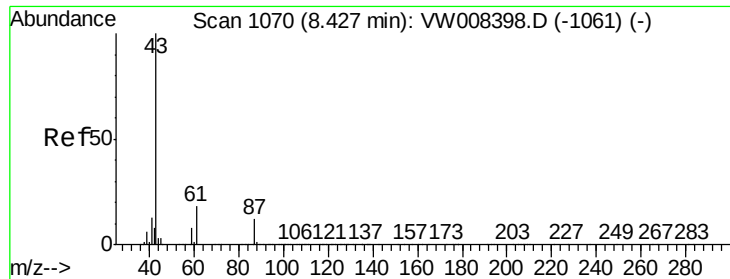
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#42
1,2-Dichloroethane
Concen: 17.501 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW008397.D
Acq: 24 Jan 2019 15:16

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	18.6





#43

Isopropyl Acetate

Concen: 20.542 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW008397.D

Acq: 24 Jan 2019 15:16

Instrument :

MSVOA_W

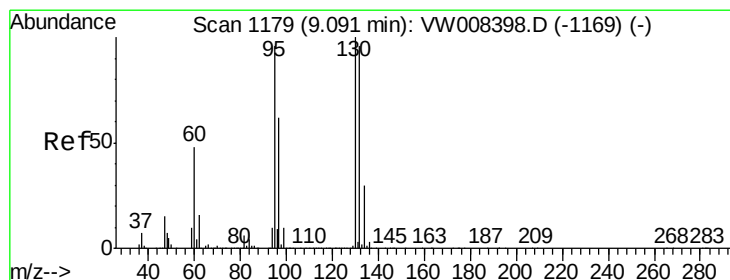
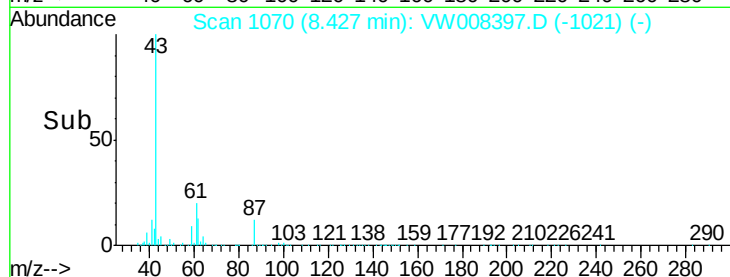
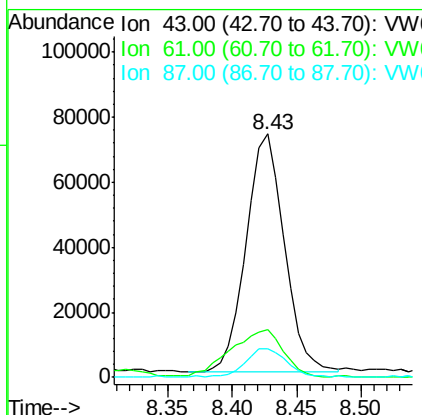
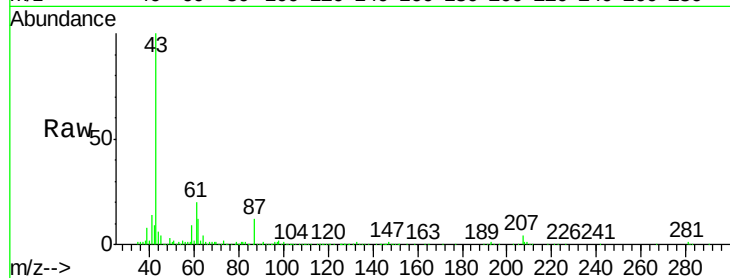
ClientSampleId :

VSTDIC020

Tot Ion:	43	Resp:	150119
Ion	Ratio	Lower	Upper
43	100		
61	26.9	22.0	33.0
87	12.6	9.3	13.9

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#44

Trichloroethene

Concen: 16.971 ug/l

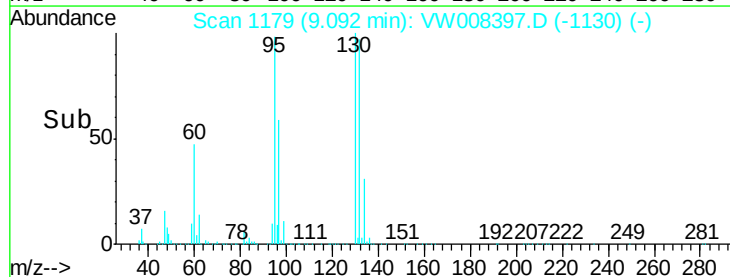
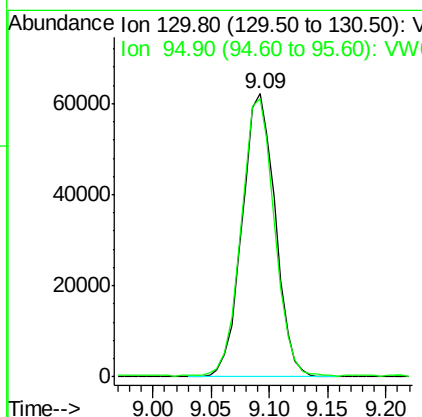
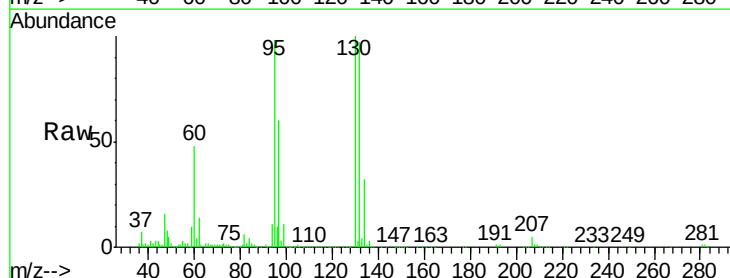
RT: 9.09 min Scan# 1179

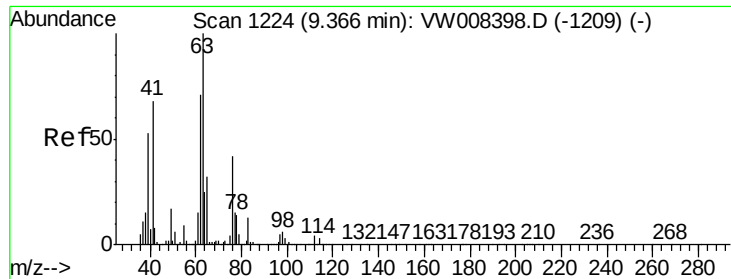
Delta R.T. 0.00 min

Lab File: VW008397.D

Acq: 24 Jan 2019 15:16

Tgt Ion:	130	Resp:	123568
Ion	Ratio	Lower	Upper
130	100		
95	98.1	0.0	191.6





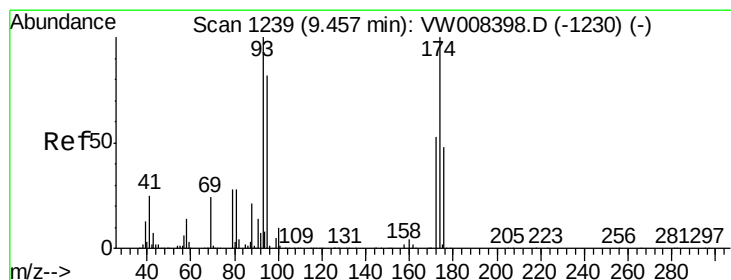
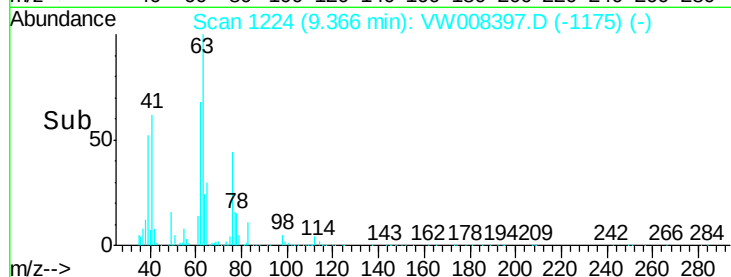
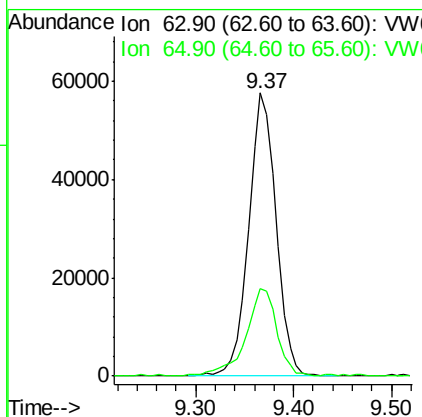
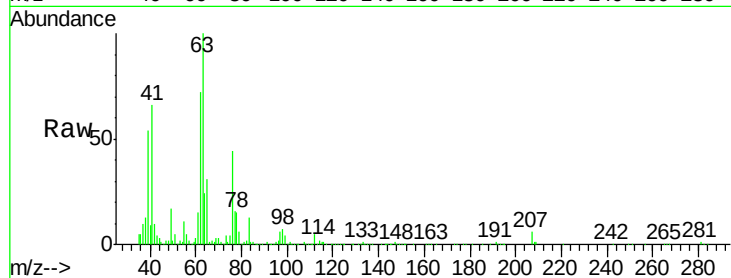
#45
 1,2-Dichloropropane
 Concen: 16.874 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW008397.D
 Acq: 24 Jan 2019 15:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion: 63 Resp: 111394
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.2 37.8

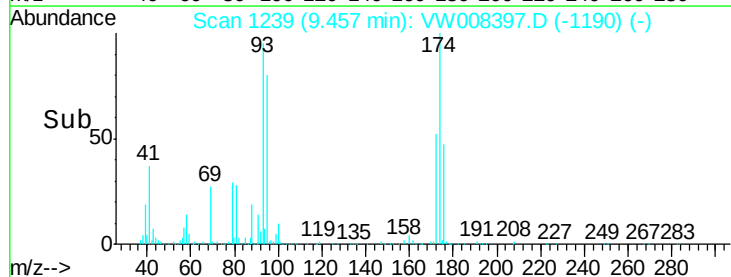
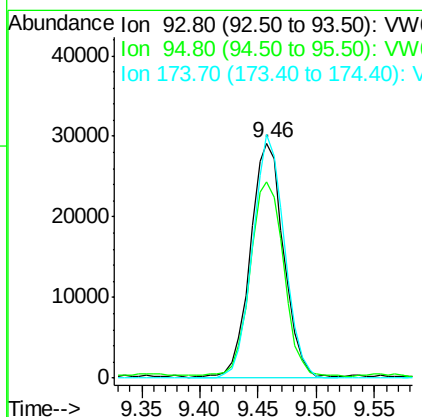
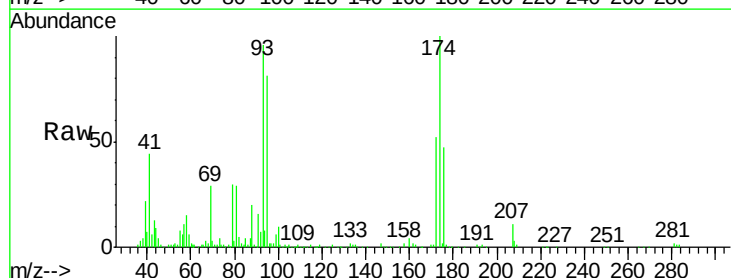
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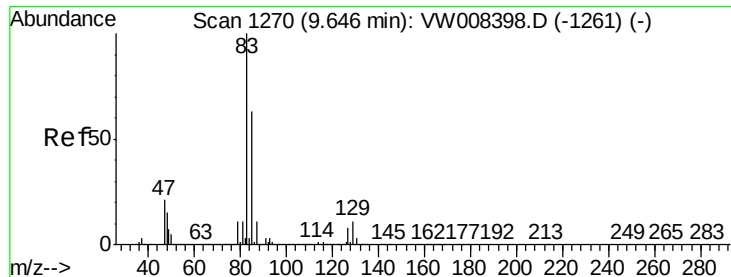
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#46
 Dibromomethane
 Concen: 16.817 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW008397.D
 Acq: 24 Jan 2019 15:16

Tgt Ion: 93 Resp: 57859
 Ion Ratio Lower Upper
 93 100
 95 85.0 65.9 98.9
 174 99.5 81.0 121.6





#47

Bromodichloromethane

Concen: 17.895 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW008397.D

Acq: 24 Jan 2019 15:16

Instrument :

MSVOA_W

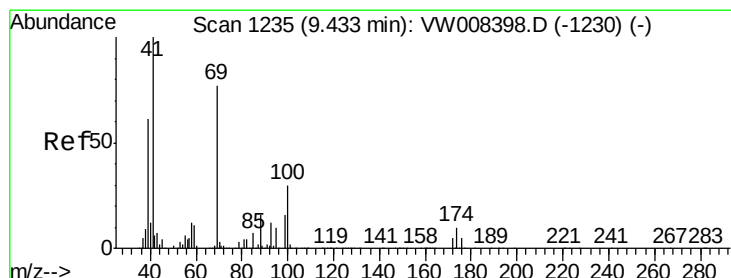
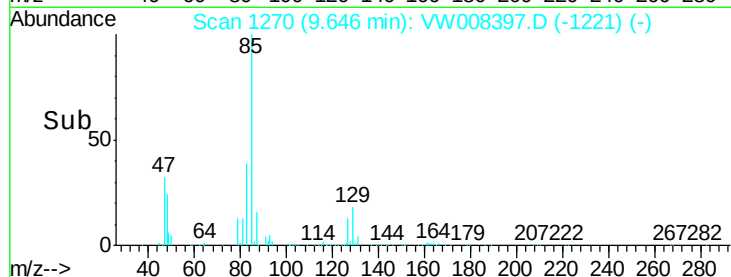
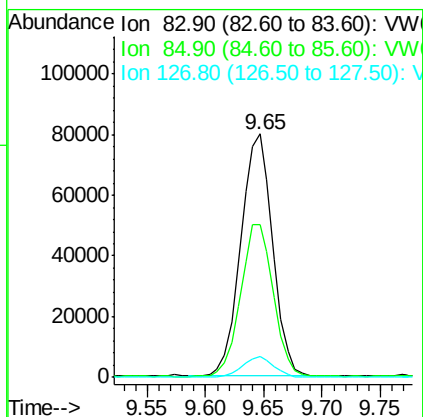
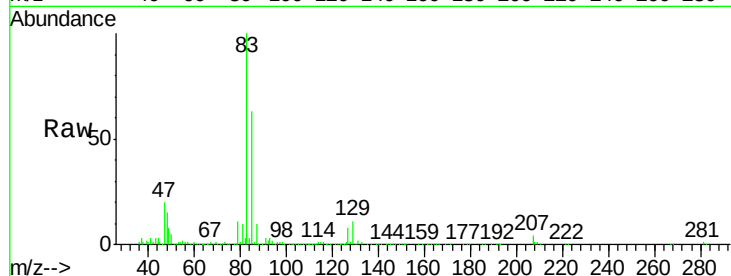
ClientSampled :

VSTDIC020

Tot Ion:	83	Resp:	151874
Ion Ratio	Lower	Upper	
83	100		
85	62.9	50.8	76.2
127	8.4	6.8	10.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 21.349 ug/l

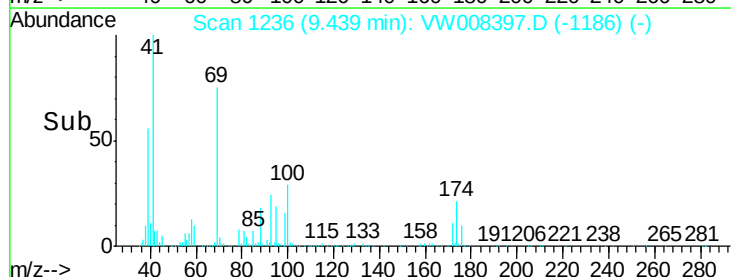
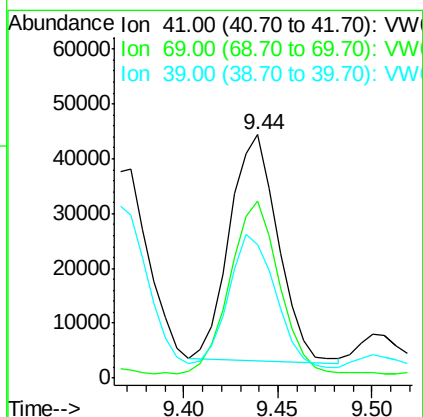
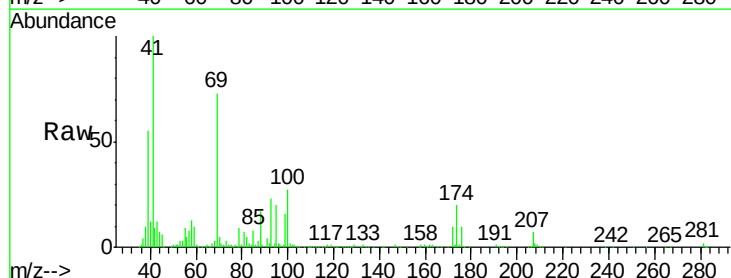
RT: 9.44 min Scan# 1236

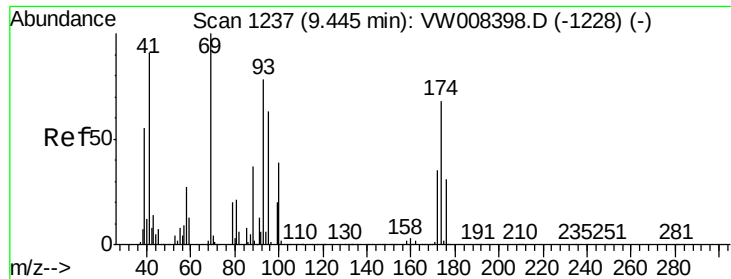
Delta R.T. 0.01 min

Lab File: VW008397.D

Acq: 24 Jan 2019 15:16

Tgt Ion:	41	Resp:	73445
Ion Ratio	Lower	Upper	
41	100		
69	78.3	64.8	97.2
39	63.1	49.1	73.7





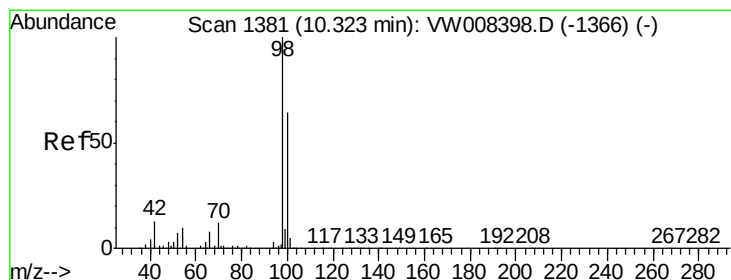
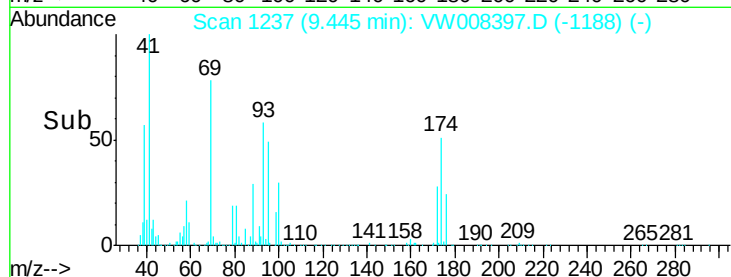
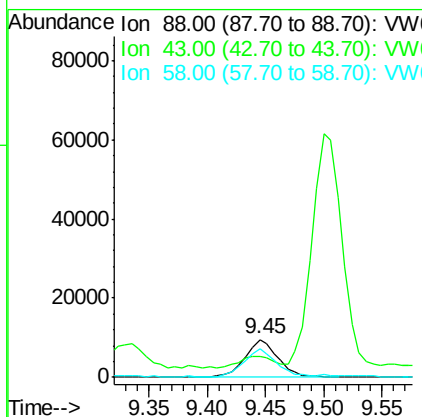
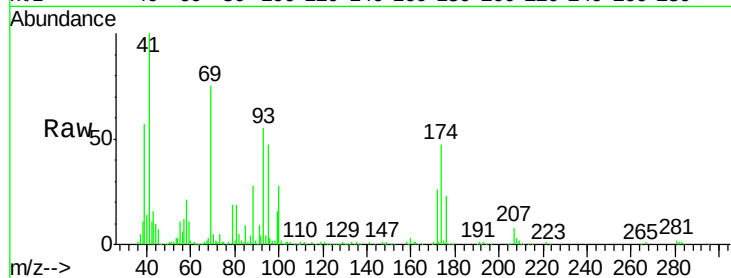
#49
1,4-Dioxane
Concen: 345.373 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW008397.D
Acq: 24 Jan 2019 15:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.9	29.0	43.4
58	69.6	56.4	84.6

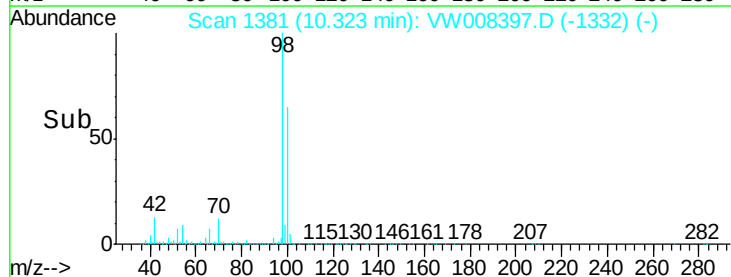
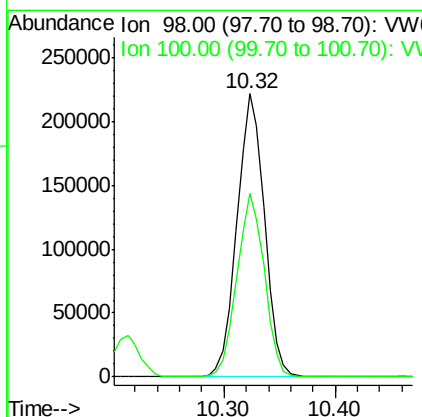
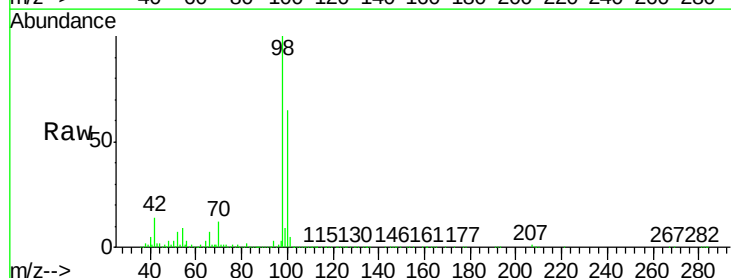
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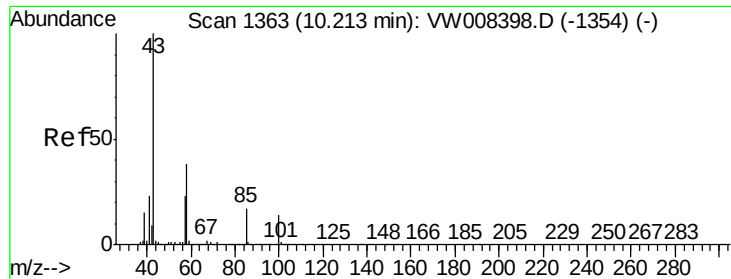
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#50
Toluene-d8
Concen: 16.138 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008397.D
Acq: 24 Jan 2019 15:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 98.956 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW008397.D

Acq: 24 Jan 2019 15:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 366180

Ion Ratio Lower Upper

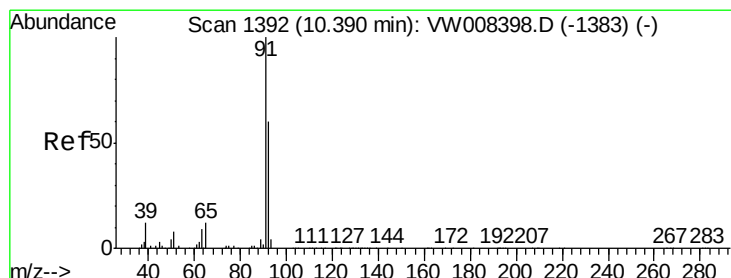
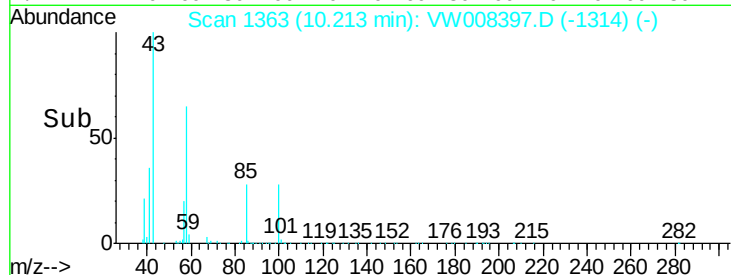
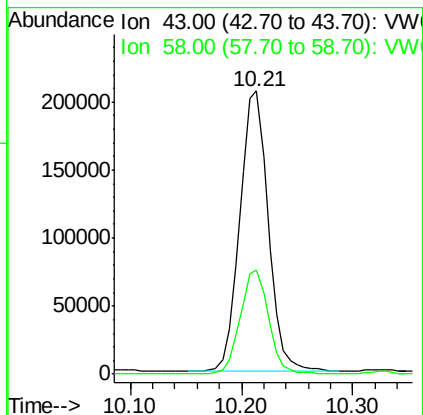
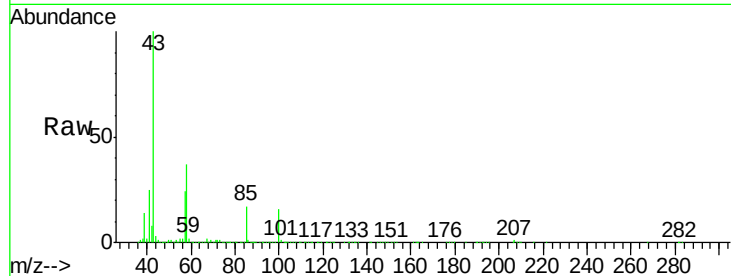
43 100

58 36.9 29.7 44.5

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#52

Toluene

Concen: 17.323 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW008397.D

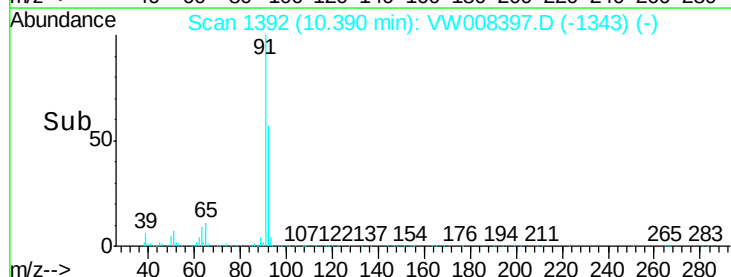
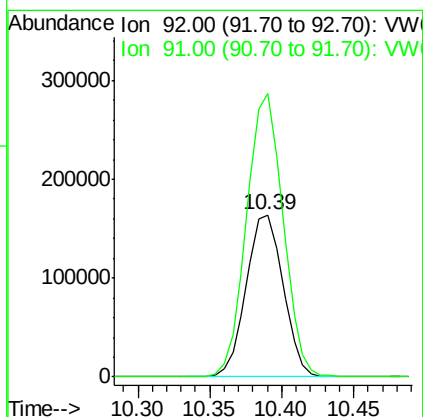
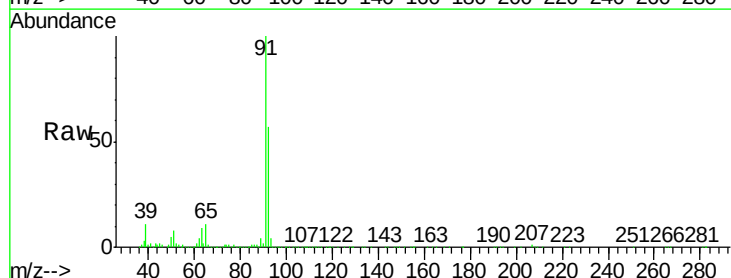
Acq: 24 Jan 2019 15:16

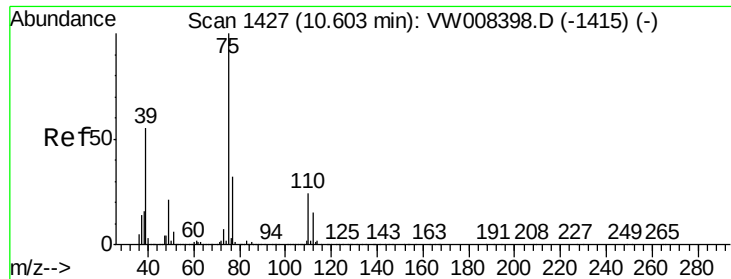
Tgt Ion: 92 Resp: 291336

Ion Ratio Lower Upper

92 100

91 172.2 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 19.367 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW008397.D

Acq: 24 Jan 2019 15:16

Instrument :

MSVOA_W

ClientSampled :

VSTDIC020

Tot Ion: 75 Resp: 164048

Ion Ratio Lower Upper

75 100

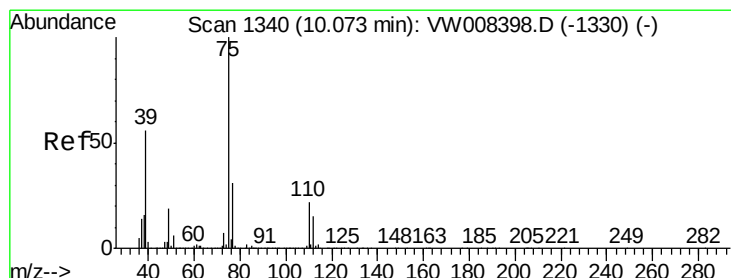
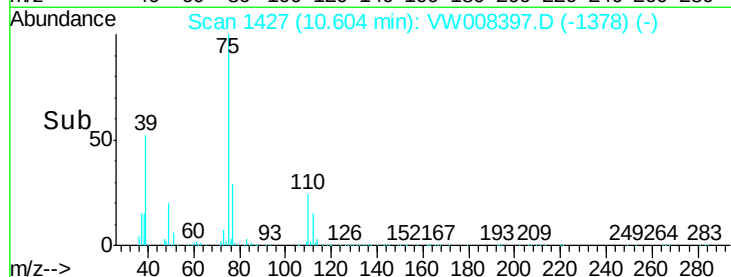
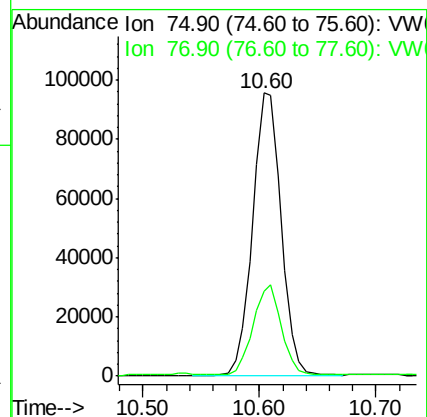
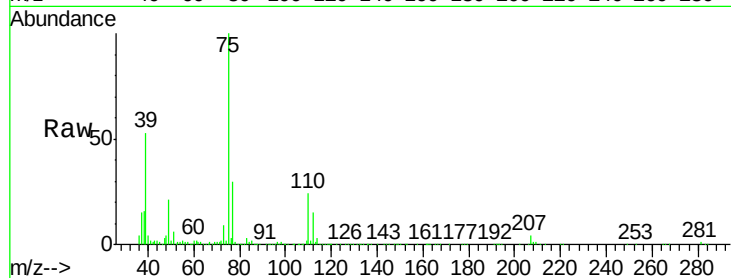
77 29.2 25.3 37.9

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#54

cis-1,3-Dichloropropene

Concen: 18.450 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008397.D

Acq: 24 Jan 2019 15:16

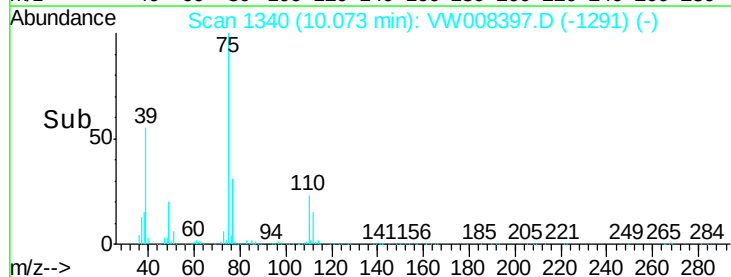
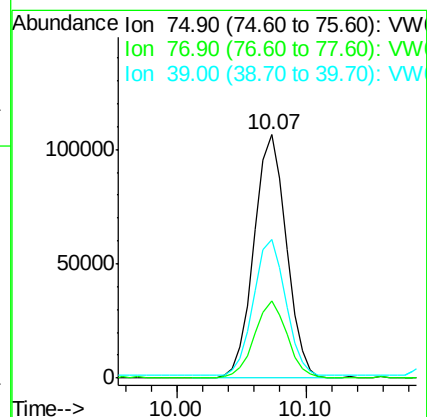
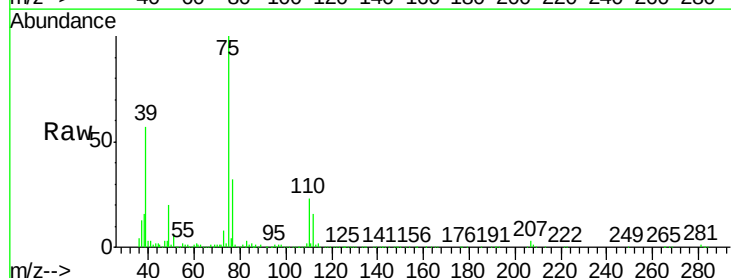
Tgt Ion: 75 Resp: 184230

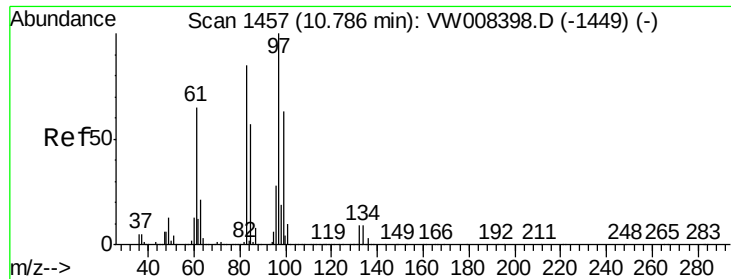
Ion Ratio Lower Upper

75 100

77 31.5 25.0 37.4

39 56.2 44.9 67.3





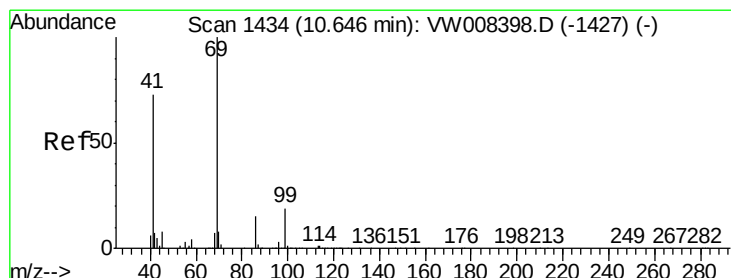
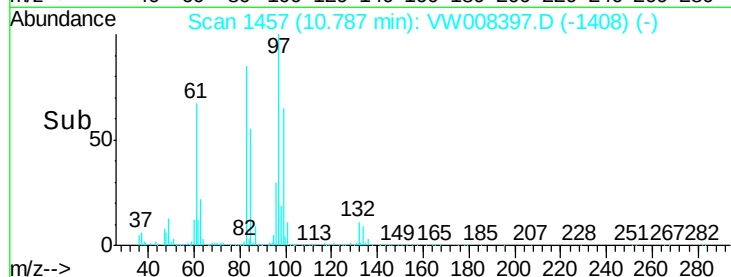
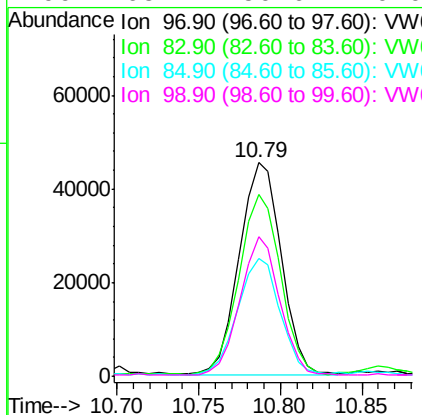
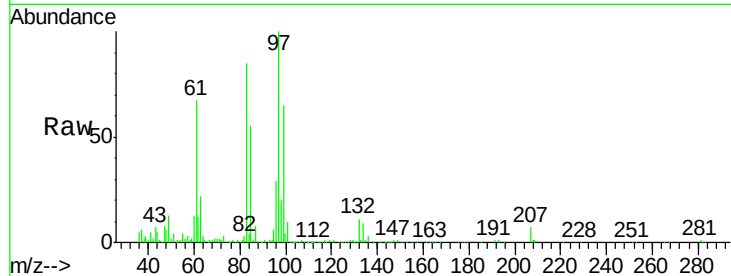
#55
 1,1,2-Trichloroethane
 Concen: 16.995 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008397.D
 Acq: 24 Jan 2019 15:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion:	97	Resp:	81102
Ion	Ratio	Lower	Upper
97	100		
83	85.4	68.4	102.6
85	54.7	45.3	67.9
99	65.4	50.6	76.0

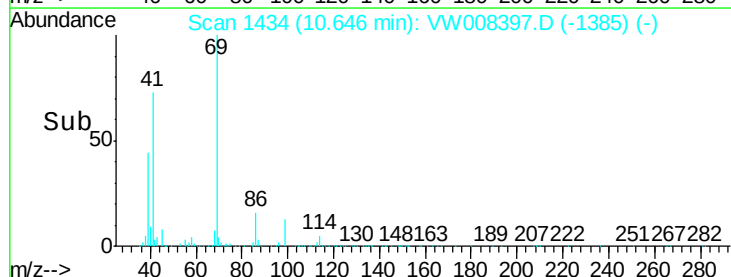
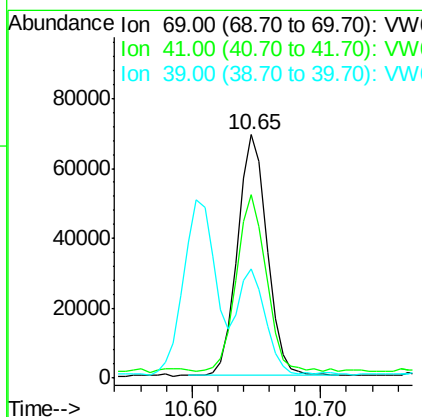
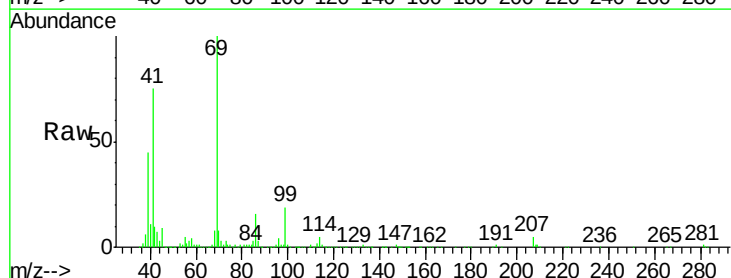
Manual Integrations
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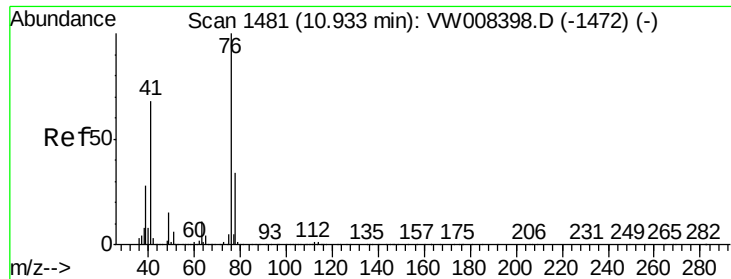
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#56
 Ethyl methacrylate
 Concen: 19.582 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008397.D
 Acq: 24 Jan 2019 15:16

Tgt Ion:	69	Resp:	109748
Ion	Ratio	Lower	Upper
69	100		
41	74.0	58.7	88.1
39	40.6	32.6	48.8





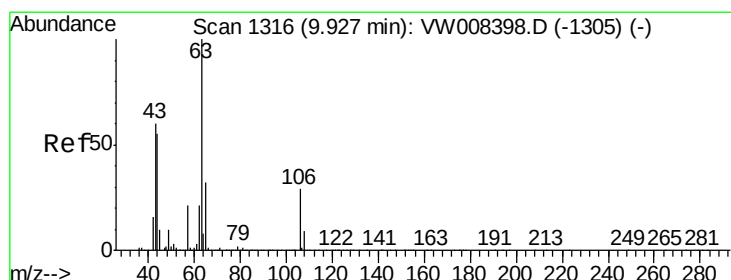
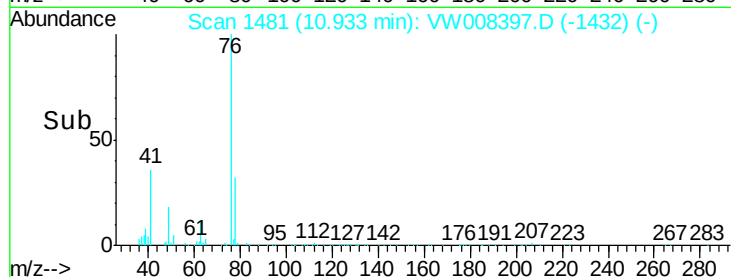
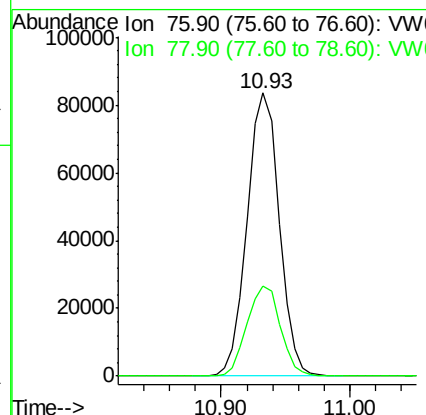
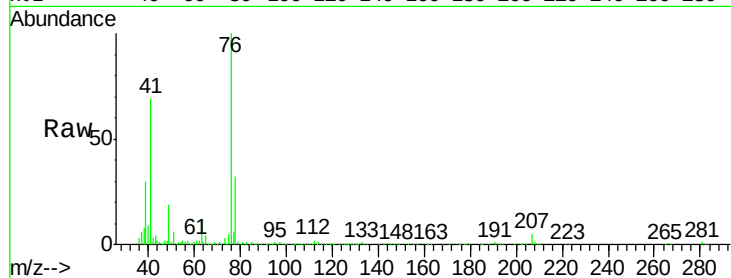
#57
 1,3-Dichloropropane
 Concen: 17.372 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008397.D
 Acq: 24 Jan 2019 15:16

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC020

Tot Ion: 76 Resp: 143940
 Ion Ratio Lower Upper
 76 100
 78 33.1 25.8 38.8

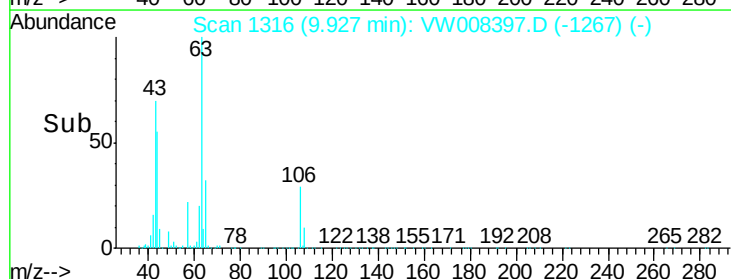
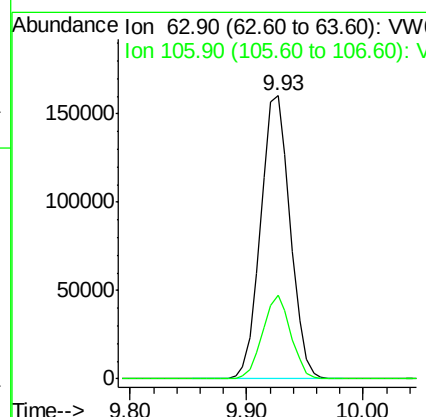
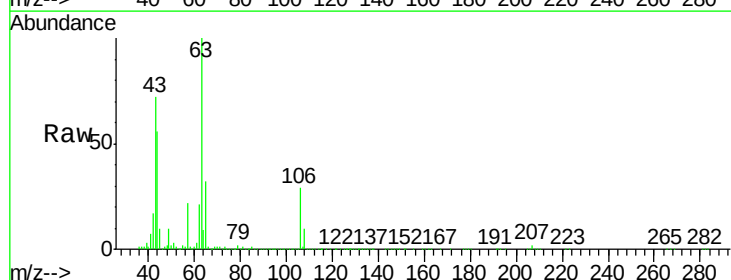
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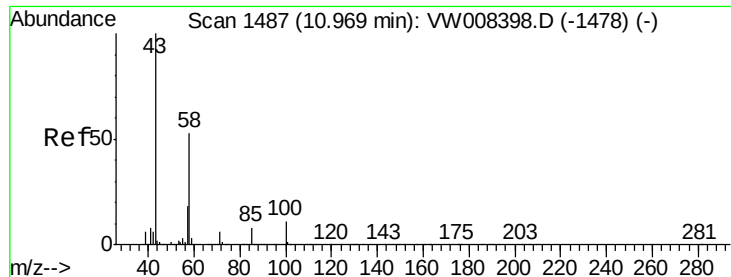
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#58
 2-Chloroethyl Vinyl ether
 Concen: 104.350 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW008397.D
 Acq: 24 Jan 2019 15:16

Tgt Ion: 63 Resp: 282092
 Ion Ratio Lower Upper
 63 100
 106 28.4 22.4 33.6





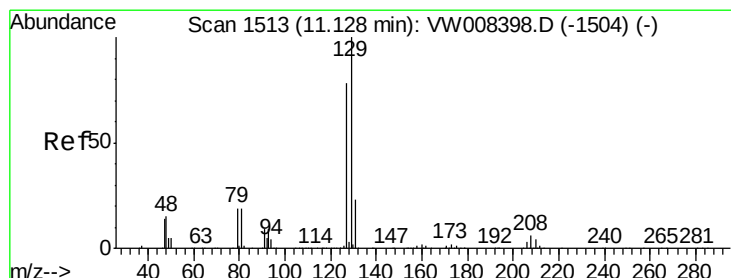
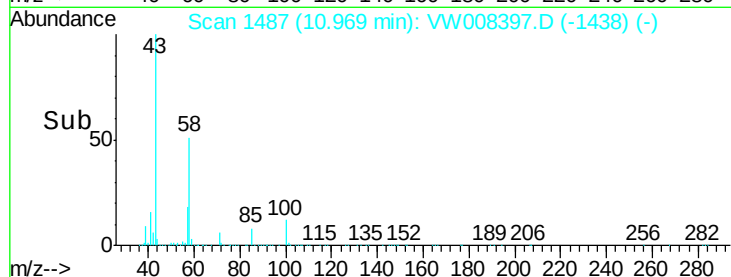
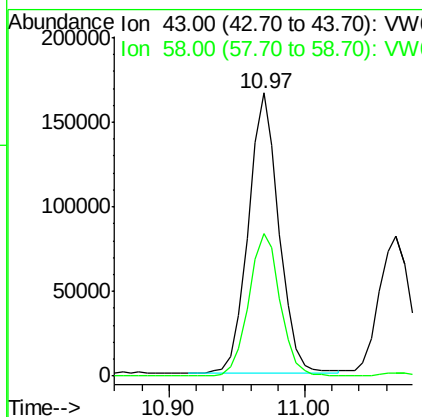
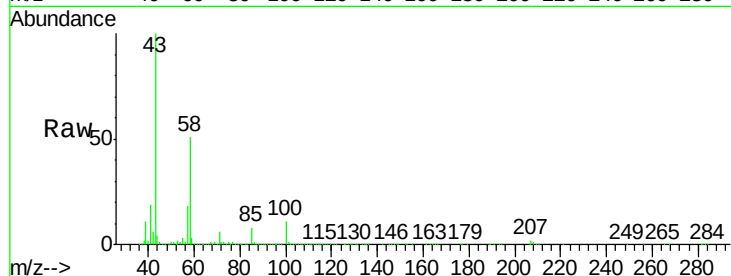
#59
2-Hexanone
Concen: 99.929 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008397.D
Acq: 24 Jan 2019 15:16

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

Tot Ion: 43 Resp: 259093
Ion Ratio Lower Upper
43 100
58 52.4 25.9 77.7

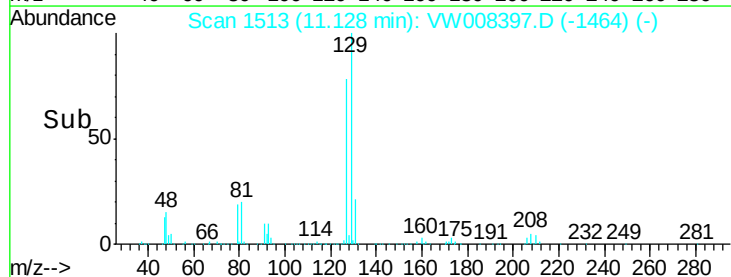
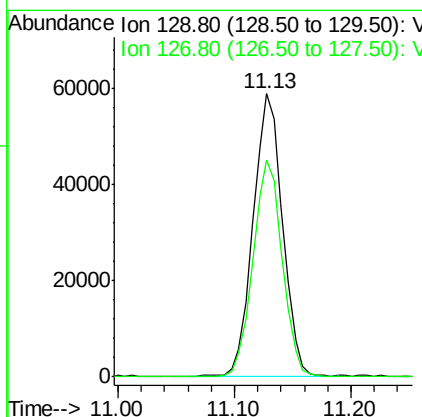
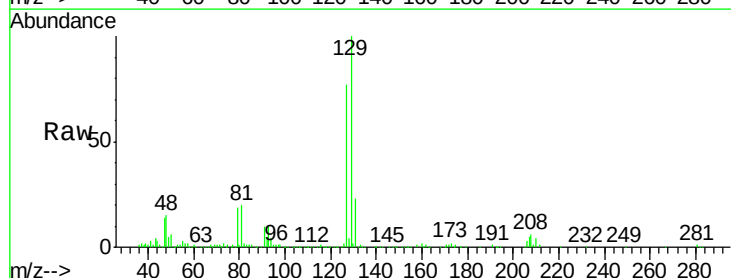
Manual Integrations
APPROVED

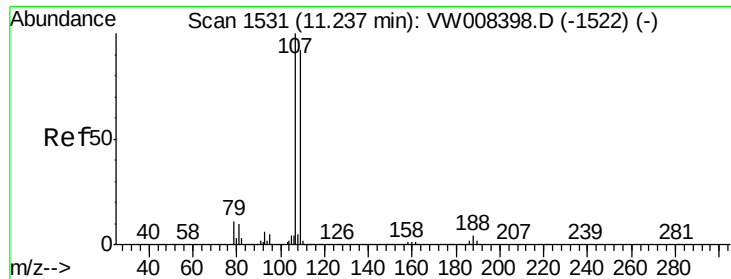
sam
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#60
Dibromochloromethane
Concen: 18.072 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008397.D
Acq: 24 Jan 2019 15:16

Tgt Ion: 129 Resp: 102928
Ion Ratio Lower Upper
129 100
127 76.4 39.1 117.2





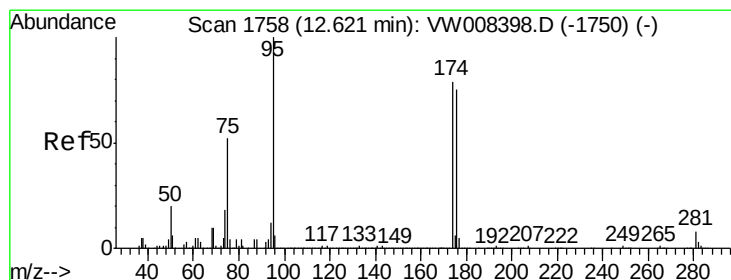
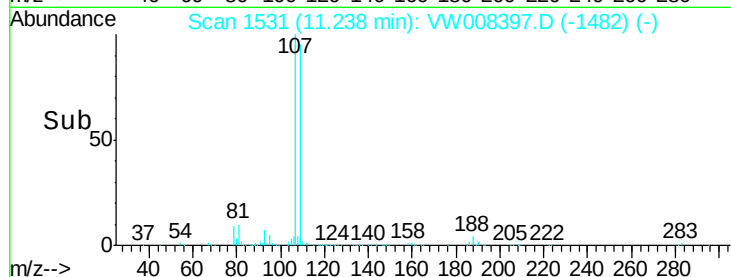
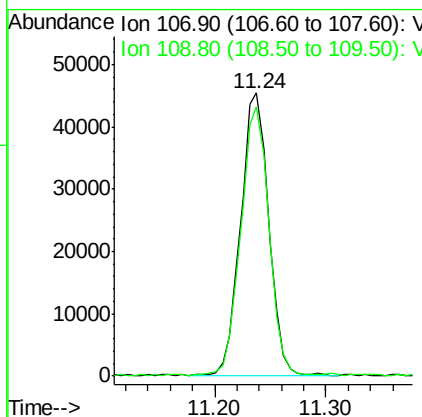
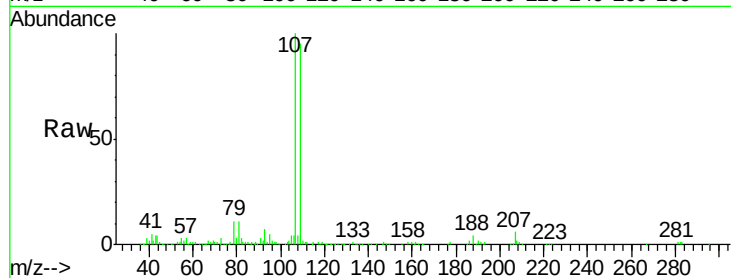
#61
 1,2-Dibromoethane
 Concen: 17.186 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW008397.D
 Acq: 24 Jan 2019 15:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion: 107 Resp: 79418
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.0 112.4

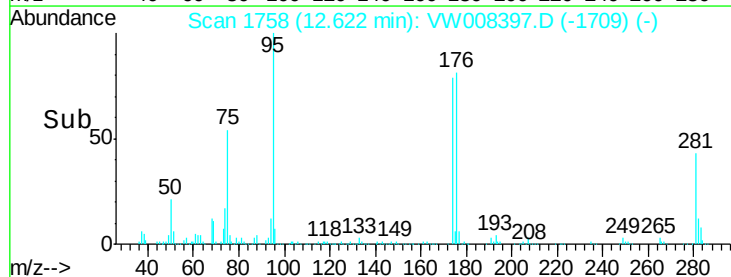
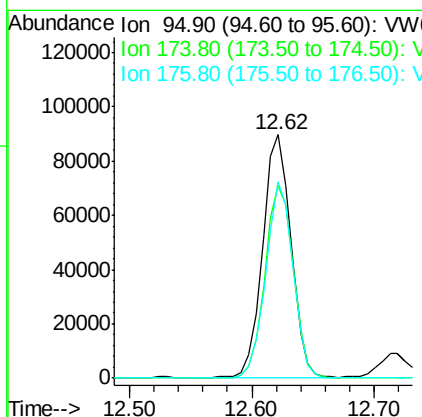
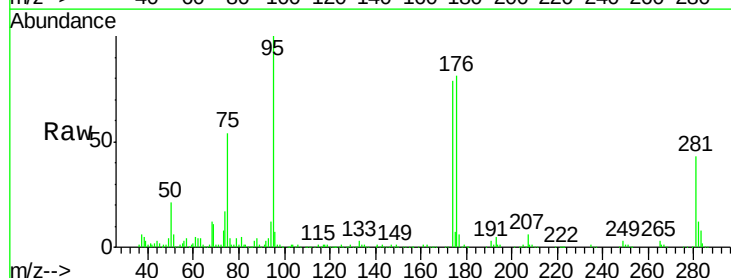
Manual Integrations
 APPROVED

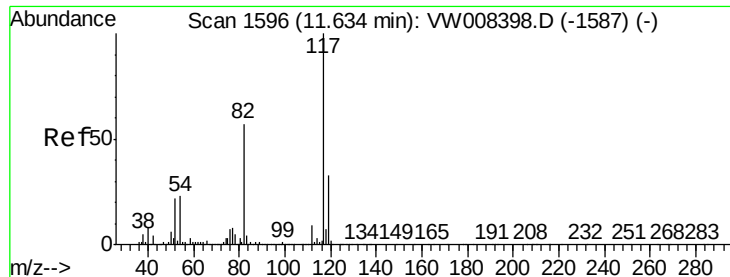
sam
 1/25/2019 1:42:57 PM



#62
 4-Bromofluorobenzene
 Concen: 17.256 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW008397.D
 Acq: 24 Jan 2019 15:16

Tgt Ion: 95 Resp: 144725
 Ion Ratio Lower Upper
 95 100
 174 79.3 0.0 157.6
 176 77.6 0.0 151.8





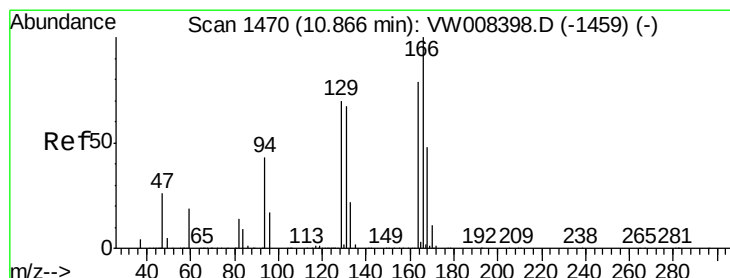
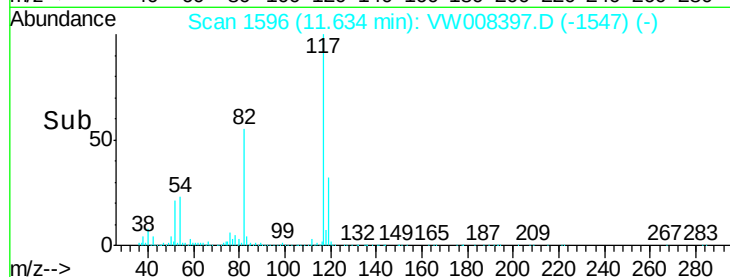
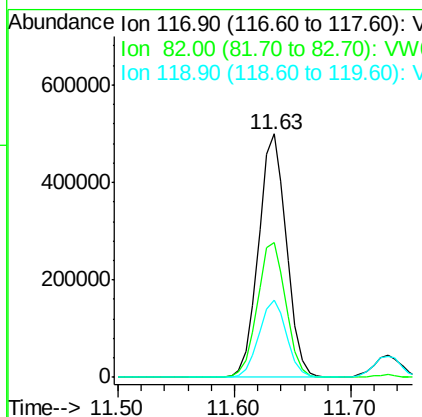
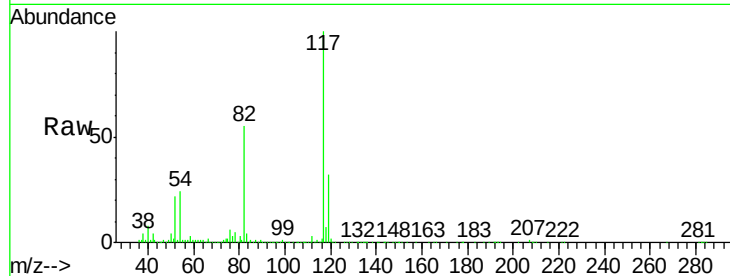
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008397.D
Acq: 24 Jan 2019 15:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
117	100	832123		
82	55.1	45.4	68.0	
119	31.9	26.2	39.4	

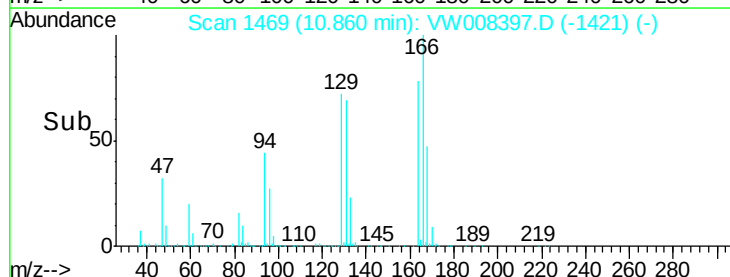
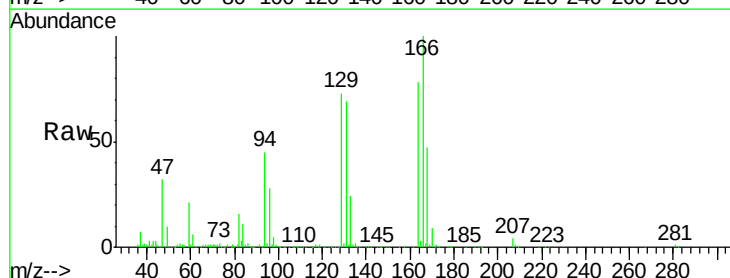
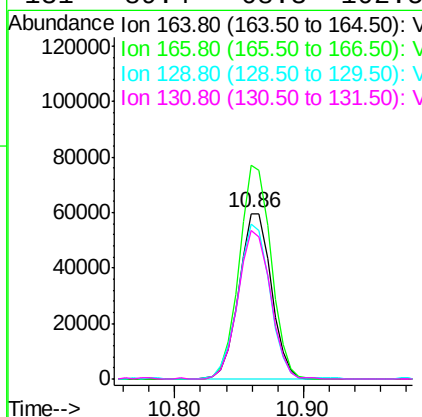
Manual Integrations
APPROVED

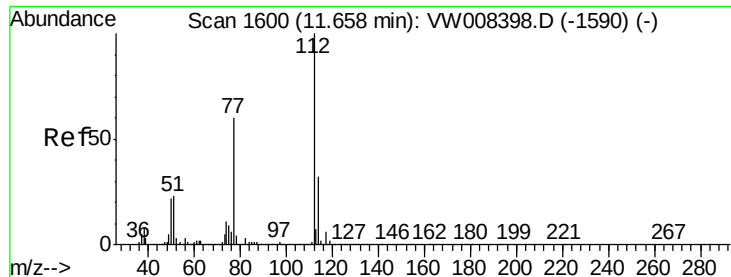
sam
1/25/2019 1:42:57 PM



#64
Tetrachloroethene
Concen: 17.806 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW008397.D
Acq: 24 Jan 2019 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	103891		
166	128.9	101.4	152.0	
129	93.2	71.0	106.6	
131	89.4	68.3	102.5	





#65

Chlorobenzene

Concen: 17.530 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW008397.D

Acq: 24 Jan 2019 15:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion:112 Resp: 318175

Ion Ratio Lower Upper

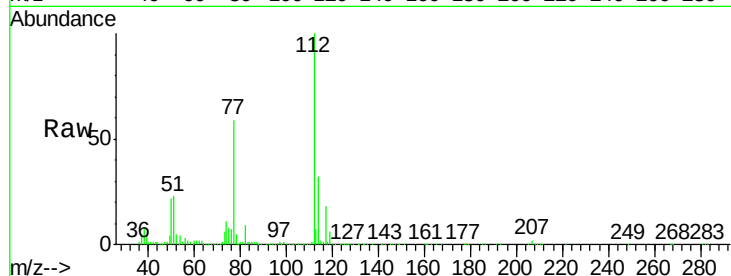
112 100

114 32.4 25.4 38.2

Manual Integrations
APPROVED

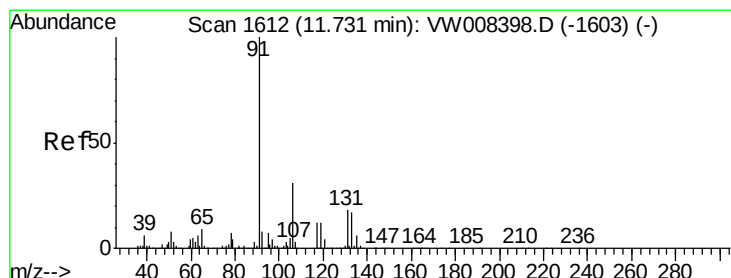
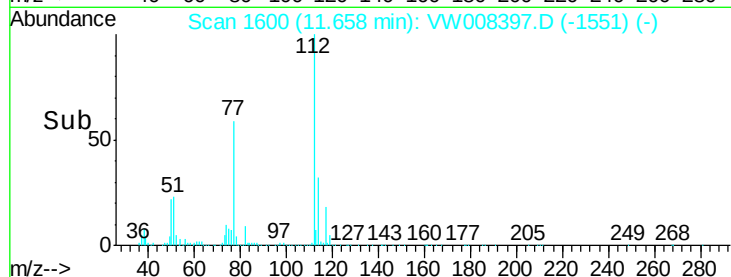
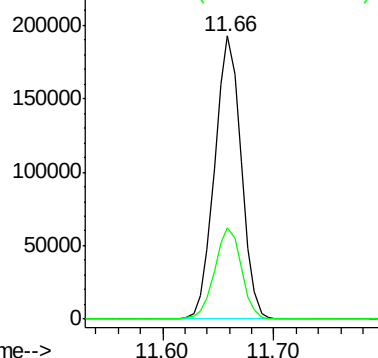
Sam

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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: 18.035 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008397.D

Acq: 24 Jan 2019 15:16

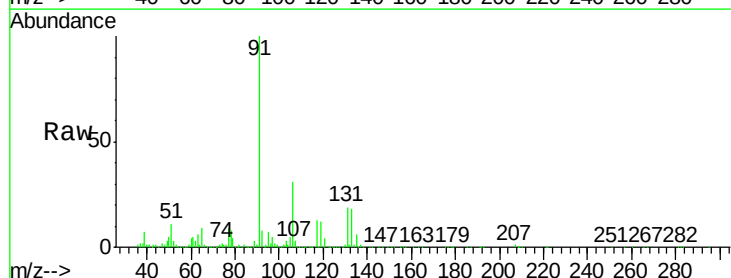
Tgt Ion:131 Resp: 112662

Ion Ratio Lower Upper

131 100

133 95.1 47.0 141.2

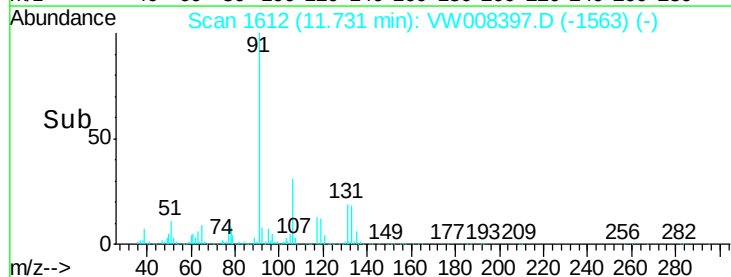
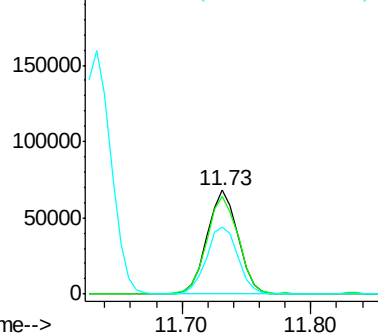
119 65.3 32.1 96.3

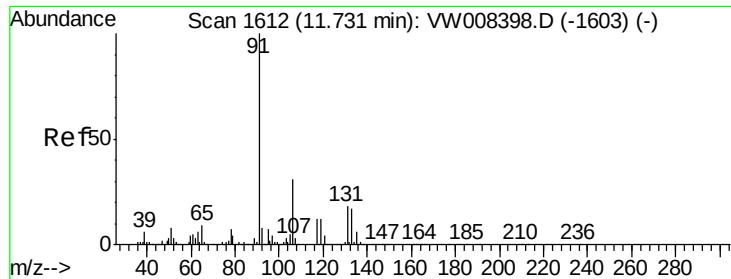


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





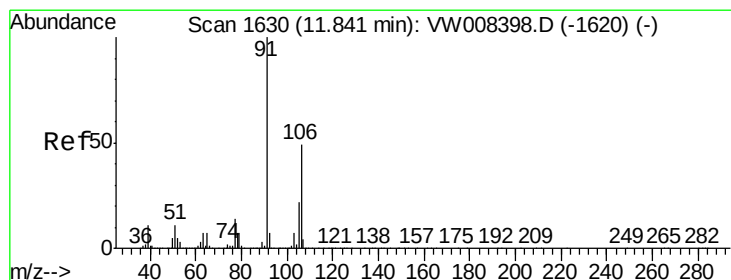
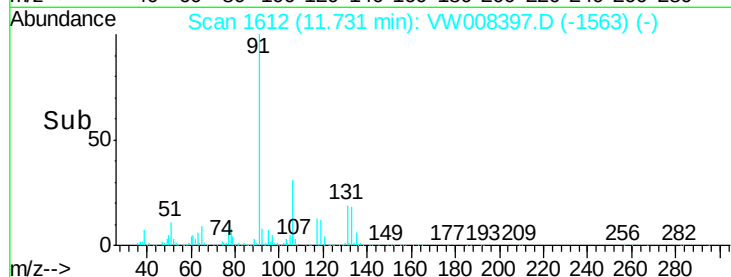
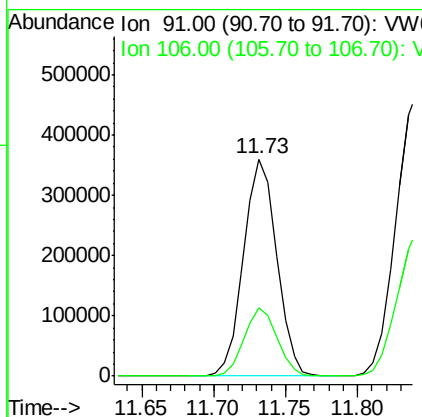
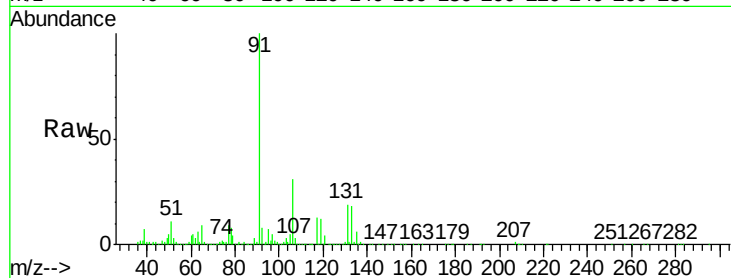
#67
Ethyl Benzene
Concen: 18.168 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008397.D
Acq: 24 Jan 2019 15:16

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

Tot Ion: 91 Resp: 572555
Ion Ratio Lower Upper
91 100
106 31.2 24.7 37.1

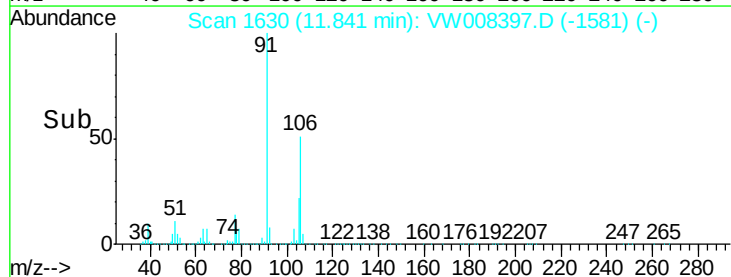
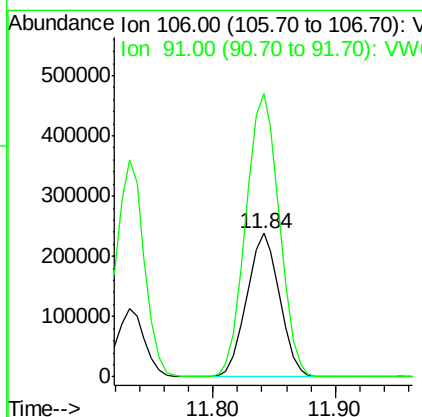
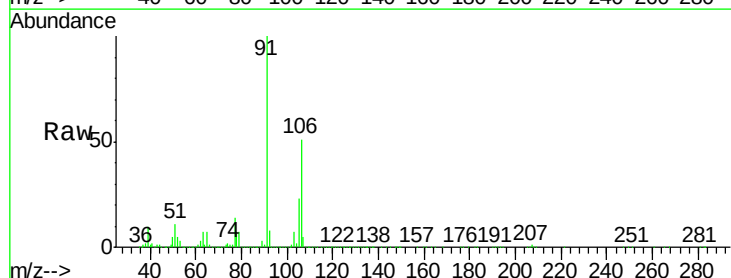
Manual Integrations
APPROVED

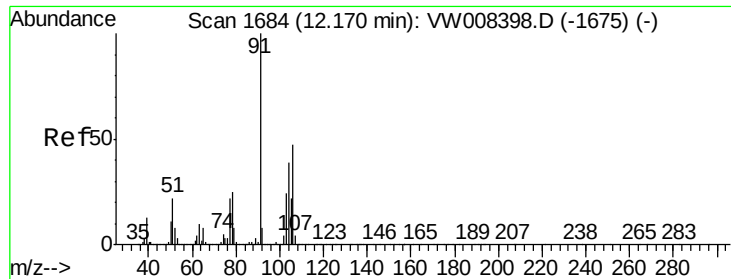
sam
1/25/2019 1:42:57 PM



#68
m/p-Xylenes
Concen: 36.174 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008397.D
Acq: 24 Jan 2019 15:16

Tgt Ion: 106 Resp: 442501
Ion Ratio Lower Upper
106 100
91 201.3 162.9 244.3





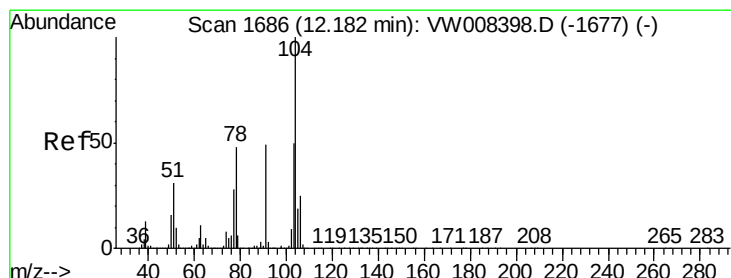
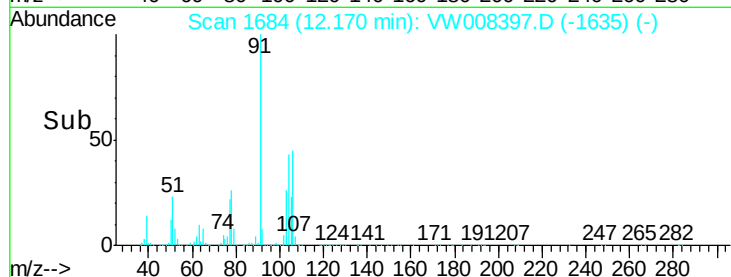
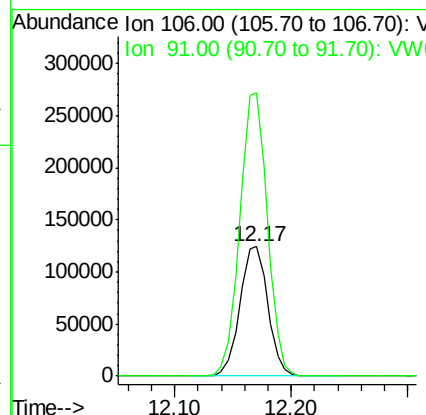
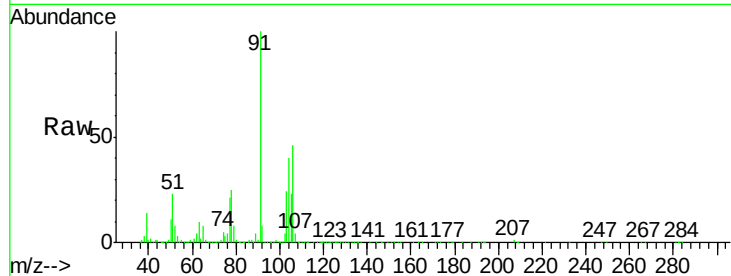
#69
o-Xylene
Concen: 18.217 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008397.D
Acq: 24 Jan 2019 15:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
106	100		
91	215.3	107.5	322.4

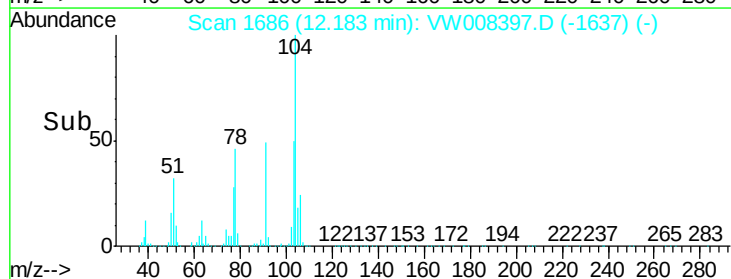
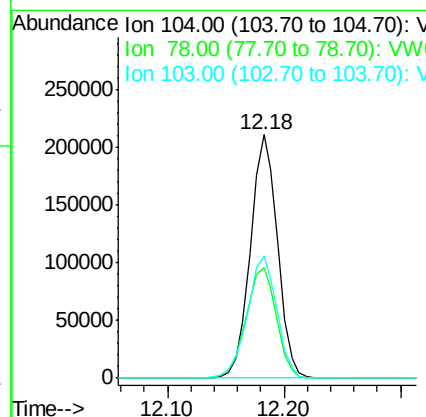
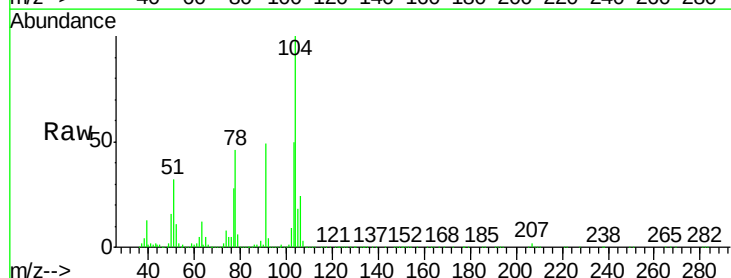
Manual Integrations
APPROVED

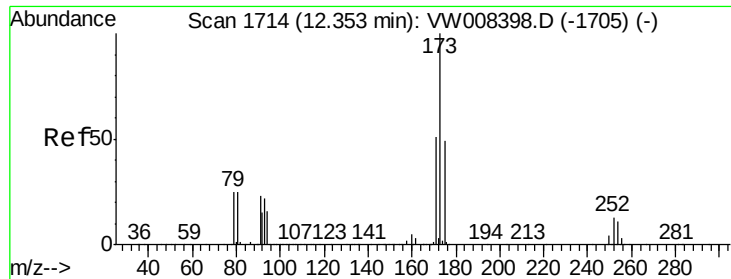
sam
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#70
Styrene
Concen: 18.668 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008397.D
Acq: 24 Jan 2019 15:16

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.8	42.4	63.6
103	54.1	43.4	65.0





#71

Bromoform

Concen: 20.414 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW008397.D

Acq: 24 Jan 2019 15:16

Instrument :

MSVOA_W

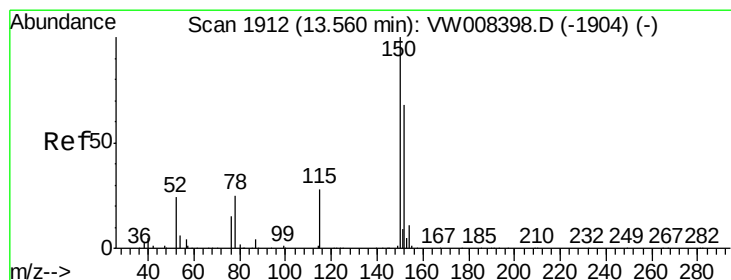
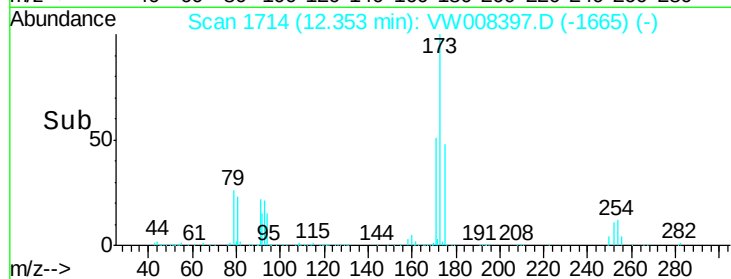
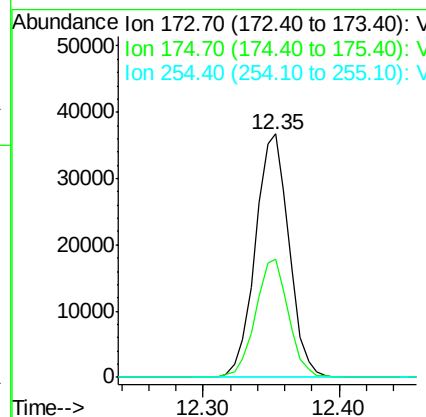
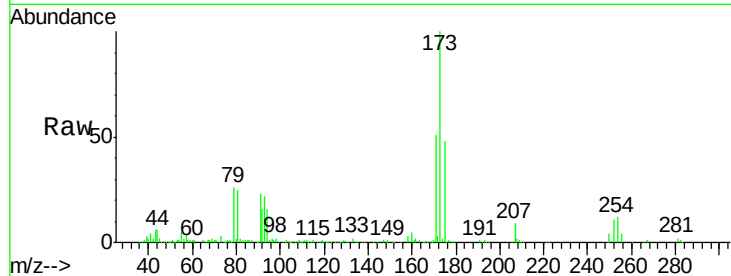
ClientSampleId :

VSTDIC020

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.7	24.4	73.4
254	0.1	0.2	0.2

Manual Integrations
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sam
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

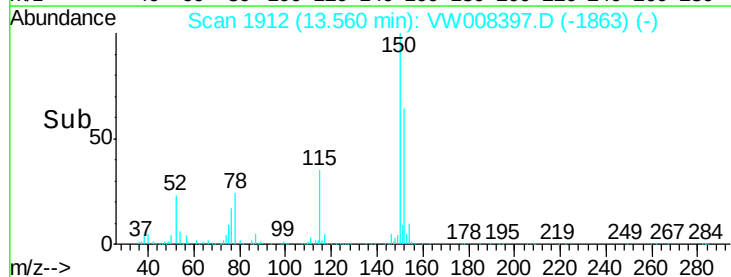
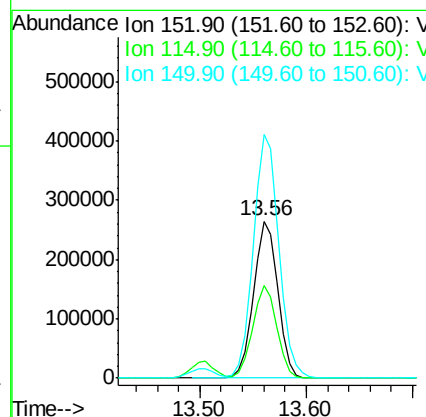
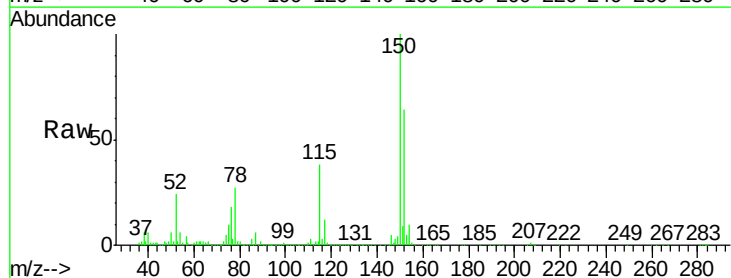
RT: 13.56 min Scan# 1912

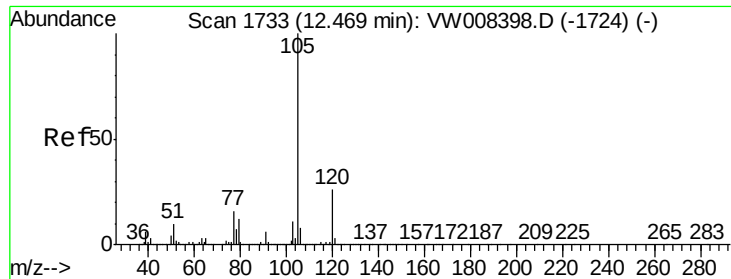
Delta R.T. 0.00 min

Lab File: VW008397.D

Acq: 24 Jan 2019 15:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.4	29.9	89.7
150	163.4	0.0	351.4





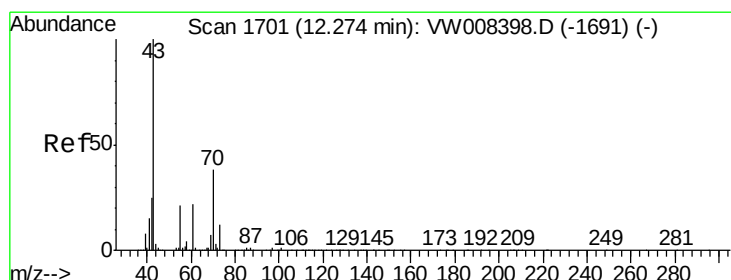
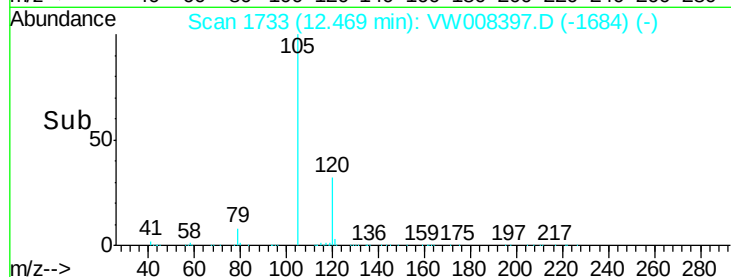
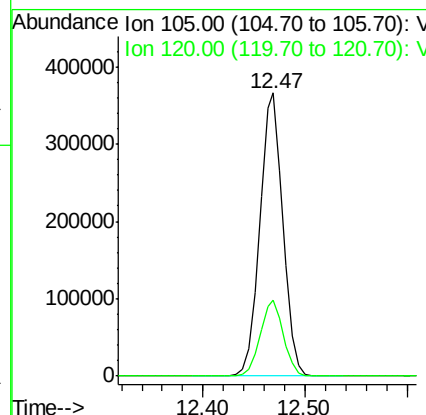
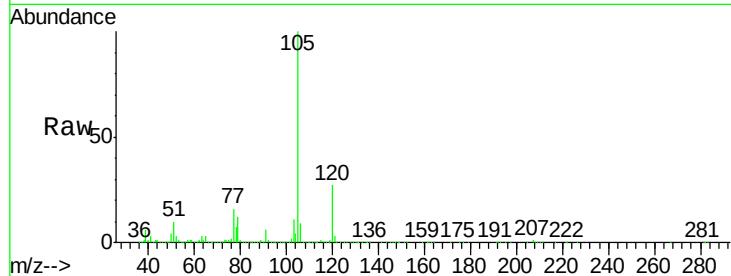
#73
Isopropylbenzene
Concen: 18.751 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW008397.D
Acq: 24 Jan 2019 15:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.1	13.3	39.8

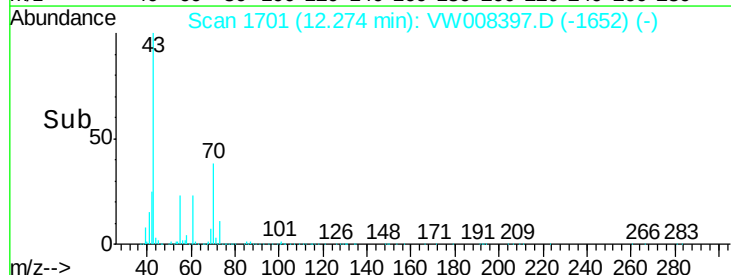
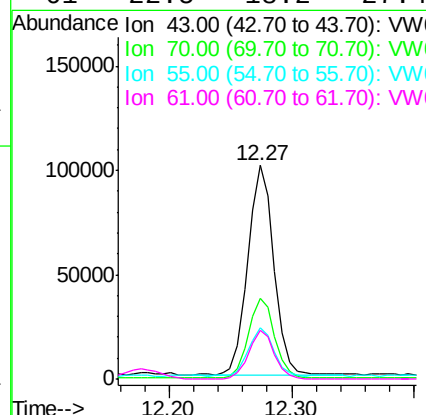
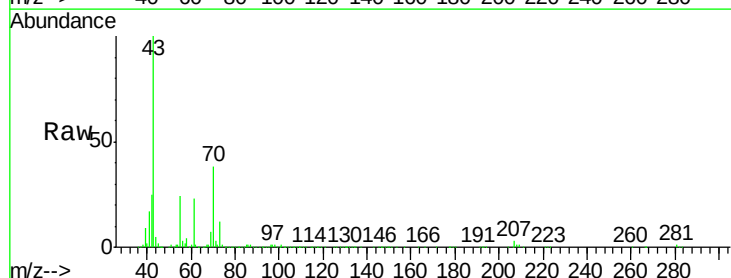
Manual Integrations
APPROVED

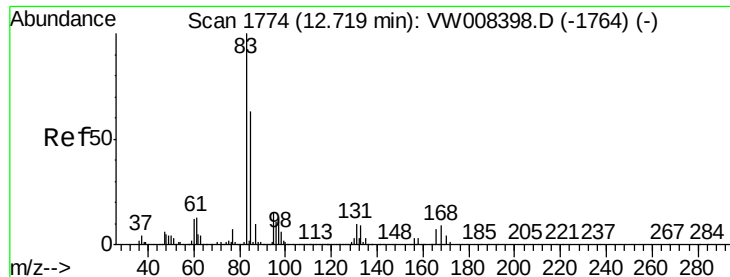
Sam
1/25/2019 1:42:57 PM



#74
N-ethyl acetate
Concen: 22.355 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW008397.D
Acq: 24 Jan 2019 15:16

Tgt Ion	Ratio	Lower	Upper
43	100		
70	39.0	31.0	46.6
55	22.4	17.4	26.2
61	22.5	18.2	27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 17.818 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW008397.D

Acq: 24 Jan 2019 15:16

Instrument :

MSVOA_W

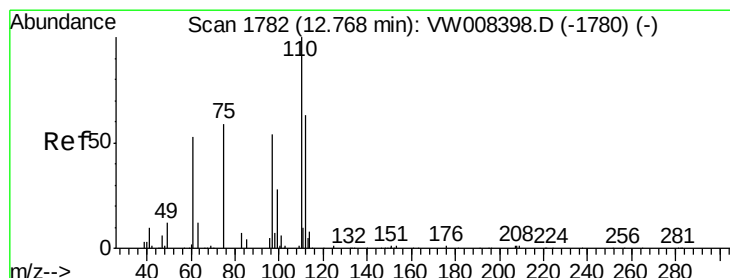
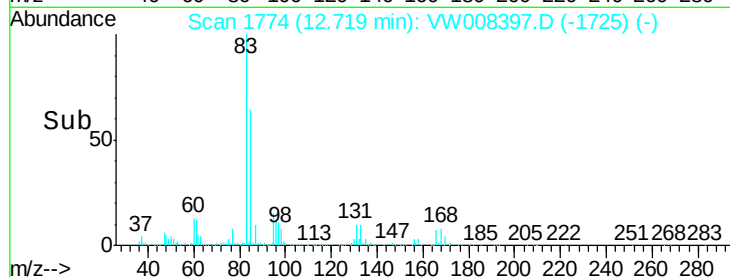
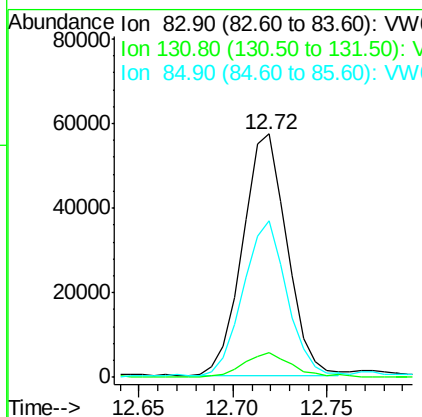
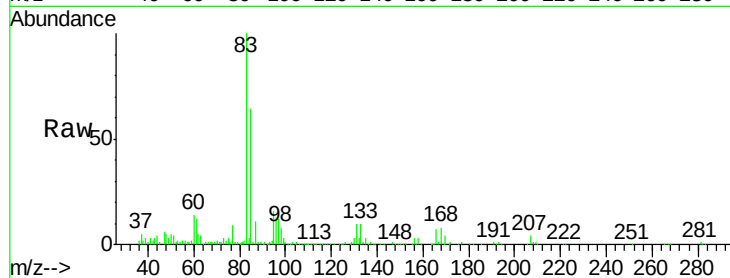
ClientSampleId :

VSTDIC020

Tot Ion:	83	Resp:	93189
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.5	16.4
85	64.7	31.9	95.5

Manual Integrations
APPROVED

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#76

1,2,3-Trichloropropane

Concen: 17.716 ug/l m

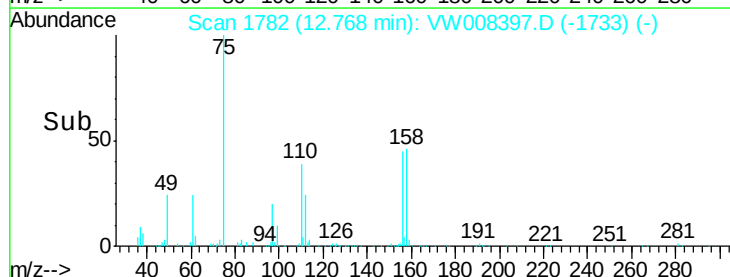
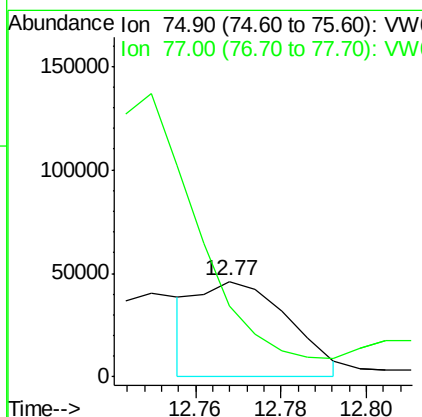
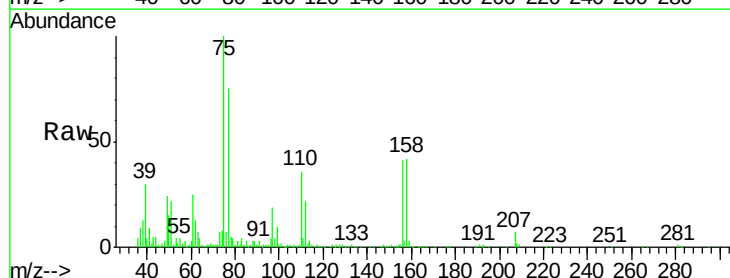
RT: 12.77 min Scan# 1782

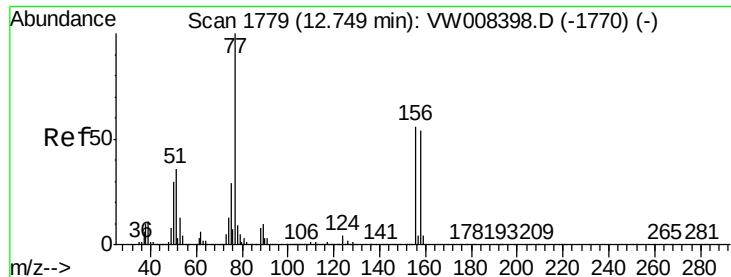
Delta R.T. 0.00 min

Lab File: VW008397.D

Acq: 24 Jan 2019 15:16

Tgt Ion:	75	Resp:	68081
Ion Ratio	Lower	Upper	
75	100		
77	357.9	180.7	542.1





#77

Bromobenzene

Concen: 17.316 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008397.D

Acq: 24 Jan 2019 15:16

Instrument :

MSVOA_W

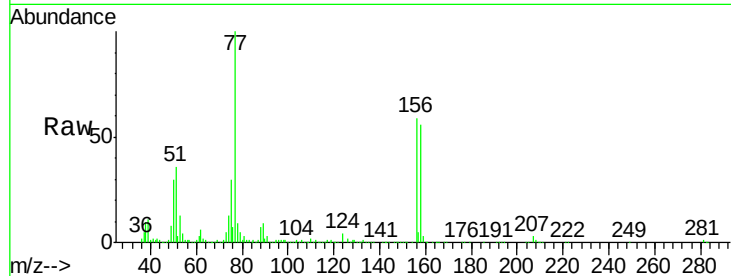
ClientSampled :

VSTDIC020

Tot Ion:	156	Resp:	127889
Ion Ratio	Lower	Upper	
156	100		
77	190.5	96.9	290.7
158	98.4	48.8	146.4

Manual Integrations
APPROVED

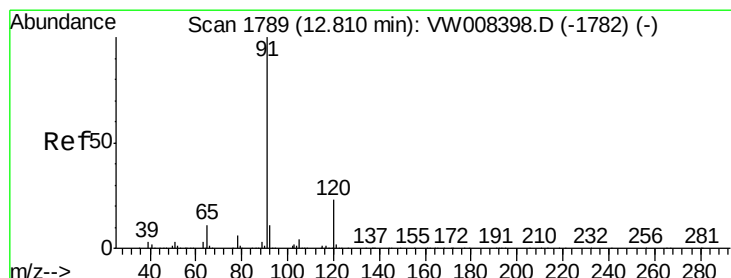
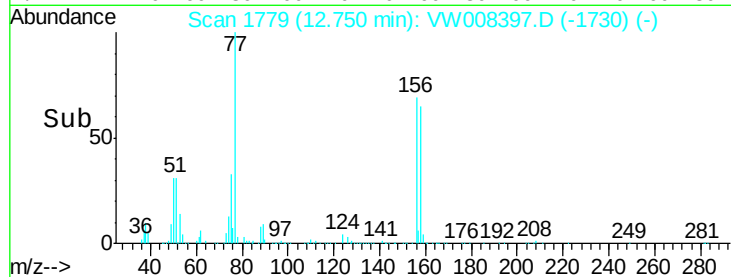
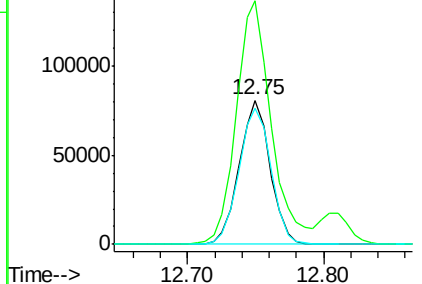
sam
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.716 ug/l

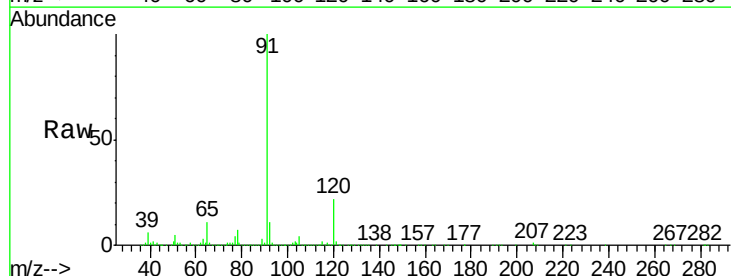
RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008397.D

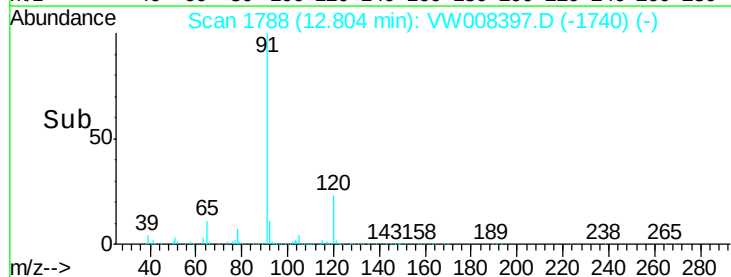
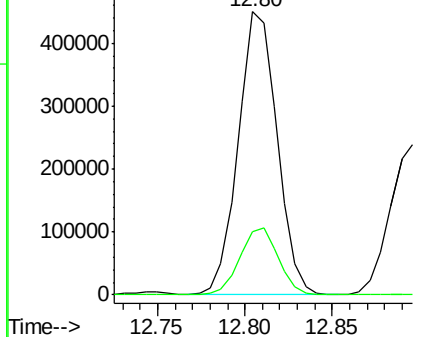
Acq: 24 Jan 2019 15:16

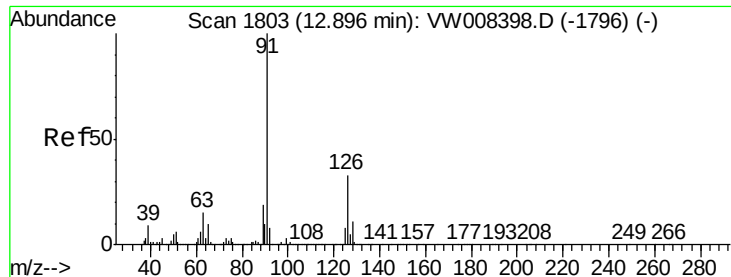
Tgt Ion:	91	Resp:	696542
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.4	34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.202 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW008397.D

Acq: 24 Jan 2019 15:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion: 91 Resp: 387057

Ion Ratio Lower Upper

91 100

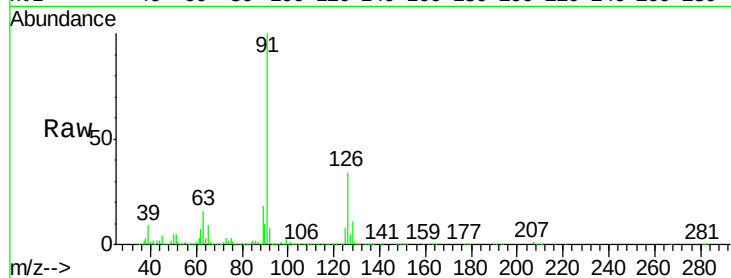
126 33.8 16.5 49.5

Manual Integrations

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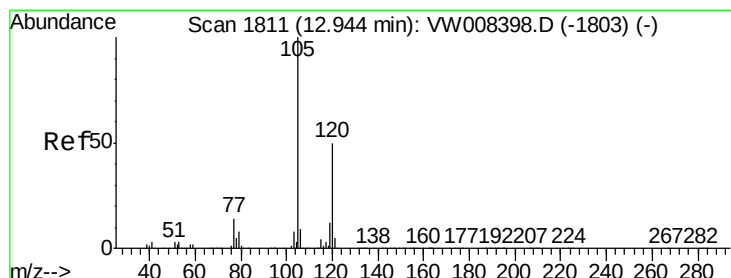
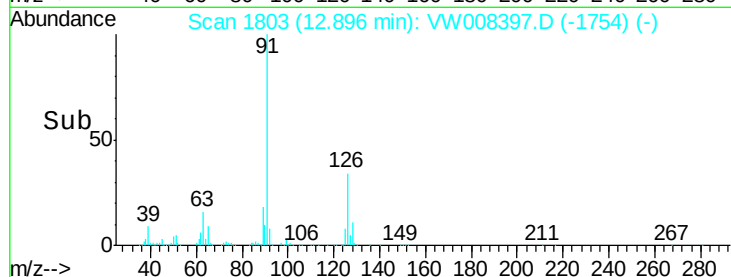
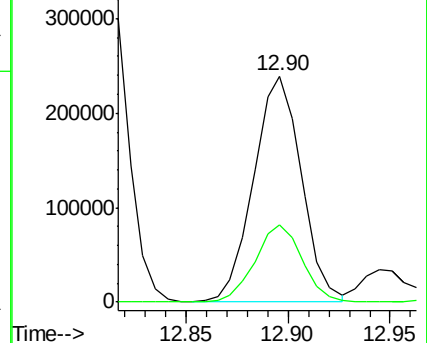
sam

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 18.822 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008397.D

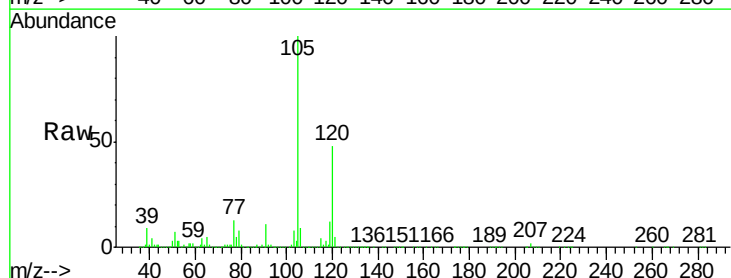
Acq: 24 Jan 2019 15:16

Tgt Ion: 105 Resp: 482933

Ion Ratio Lower Upper

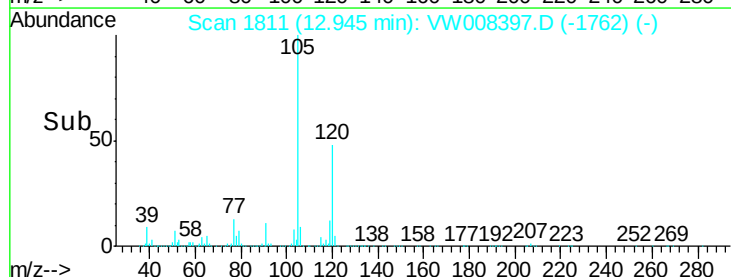
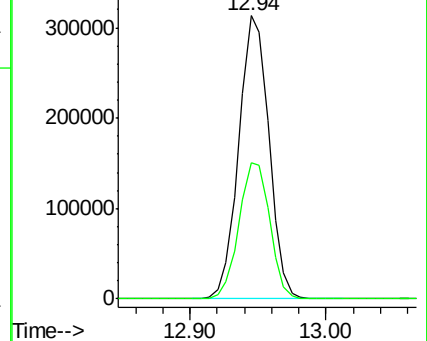
105 100

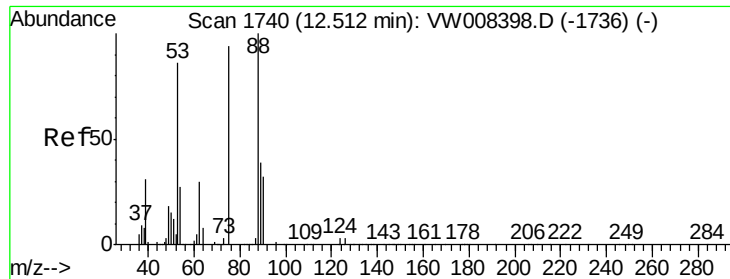
120 49.3 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





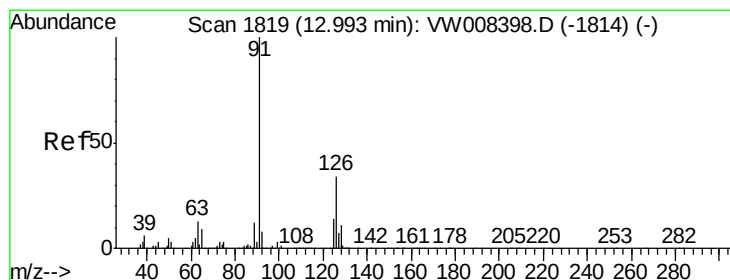
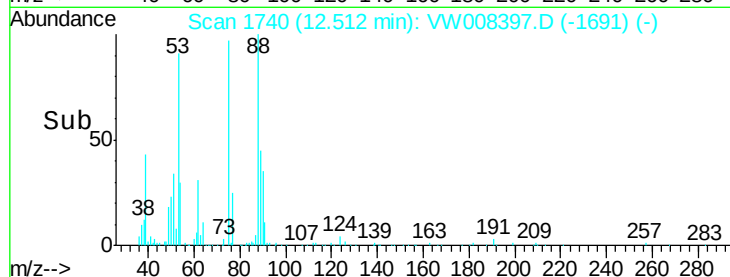
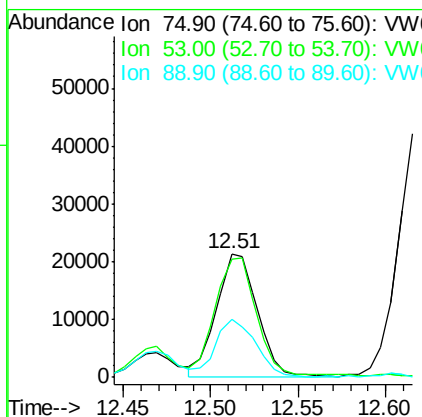
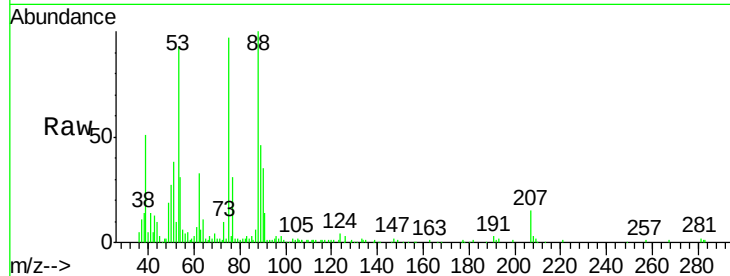
#81
trans-1,4-Dichloro-2-butene
Concen: 21.243 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW008397.D
Acq: 24 Jan 2019 15:16

Instrument :
MSVOA_W
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
75	100		
53	94.9	76.0	114.0
89	47.1	35.4	53.0

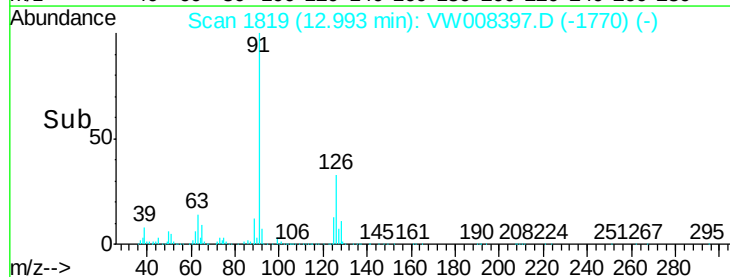
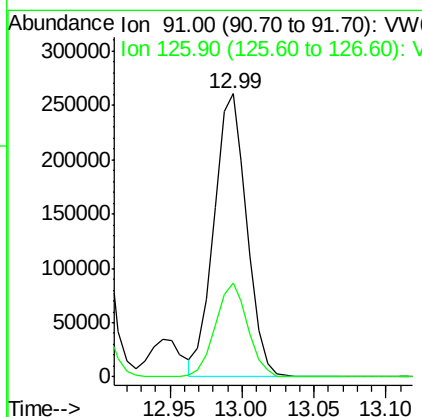
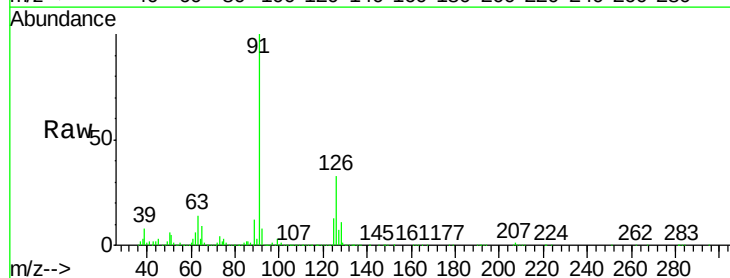
Manual Integrations
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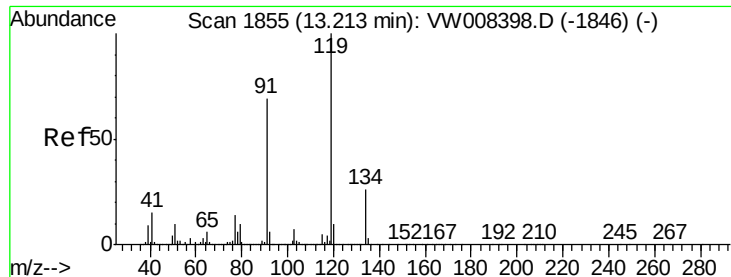
sam
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#82
4-Chlorotoluene
Concen: 18.529 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW008397.D
Acq: 24 Jan 2019 15:16

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.4	49.2





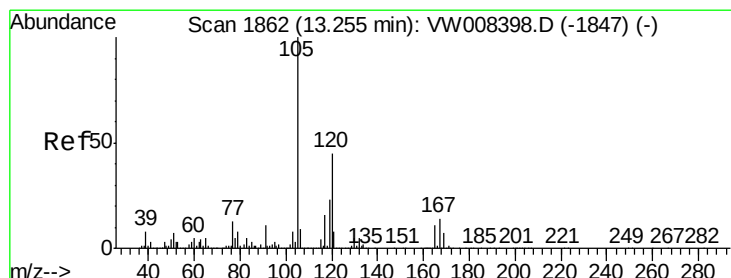
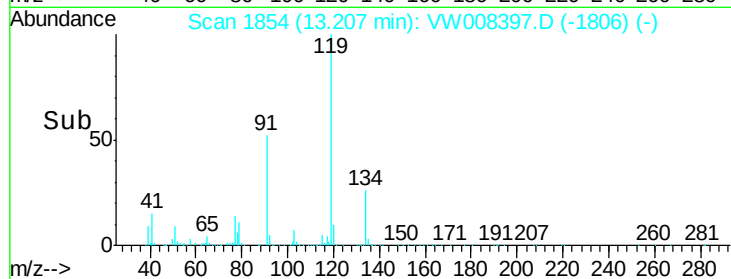
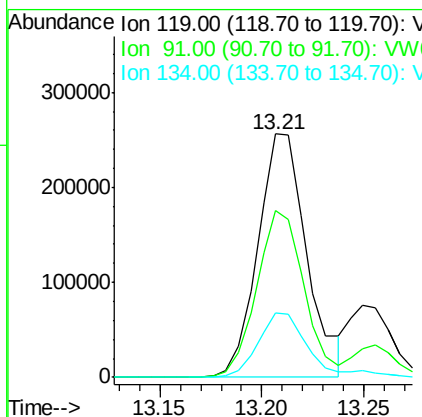
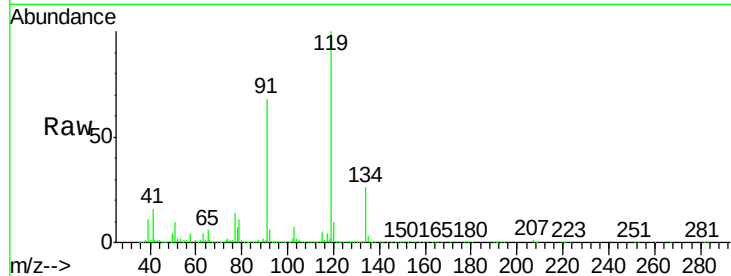
#83
tert-Butylbenzene
Concen: 19.007 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW008397.D
Acq: 24 Jan 2019 15:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.6	33.8	101.4
134	27.1	13.5	40.4

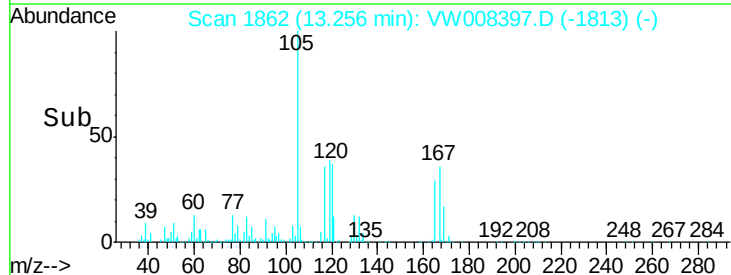
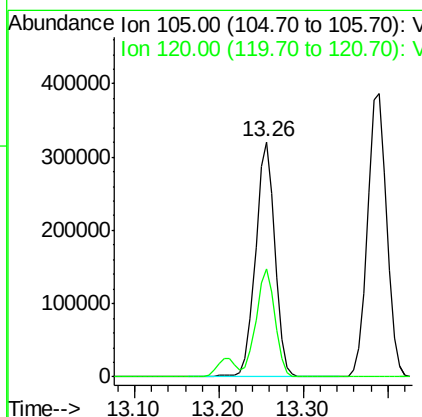
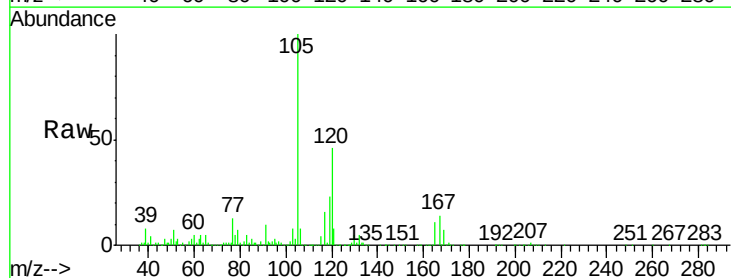
Manual Integrations
APPROVED

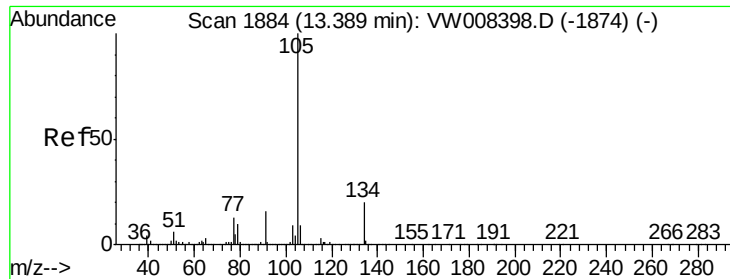
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#84
1,2,4-Trimethylbenzene
Concen: 19.015 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008397.D
Acq: 24 Jan 2019 15:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	23.1	69.2





#85

sec-Butylbenzene

Concen: 18.859 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW008397.D

Acq: 24 Jan 2019 15:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC020

Tot Ion:105 Resp: 611488

Ion Ratio Lower Upper

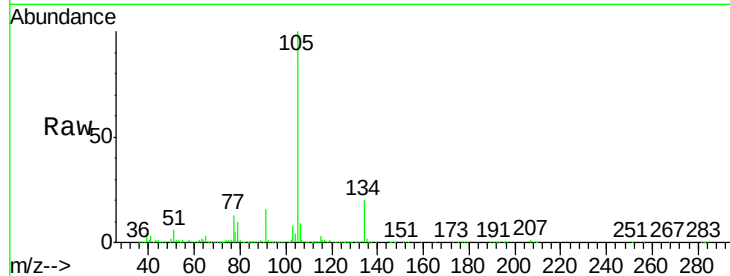
105 100

134 20.5 10.2 30.6

Manual Integrations
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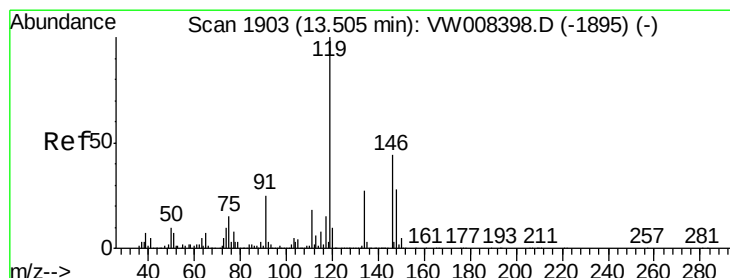
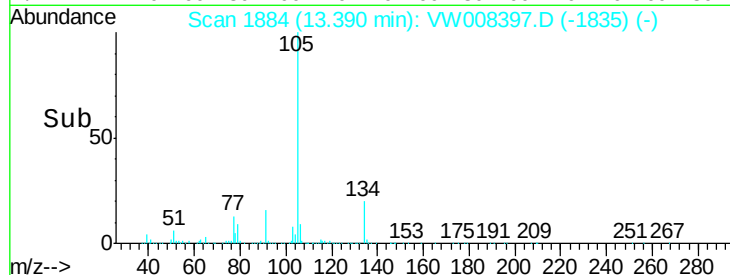
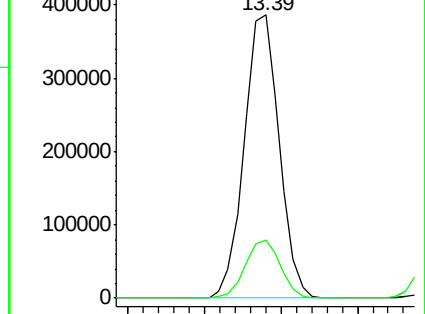
sam

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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: 19.033 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW008397.D

Acq: 24 Jan 2019 15:16

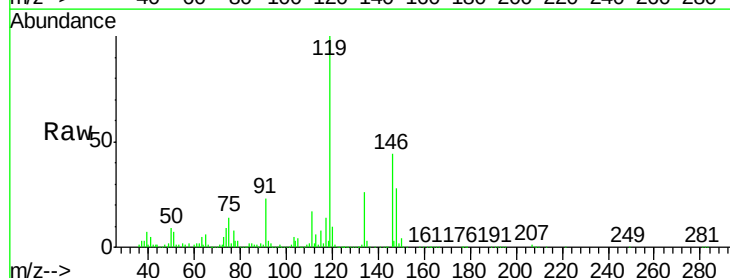
Tgt Ion:119 Resp: 539009

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

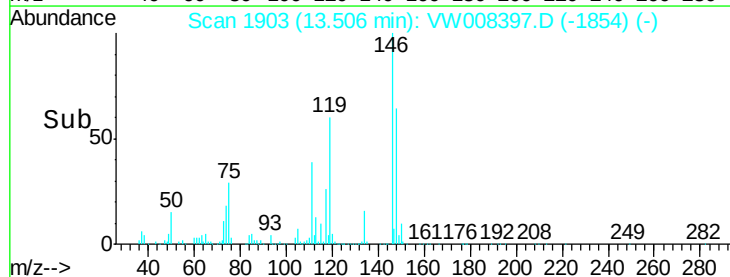
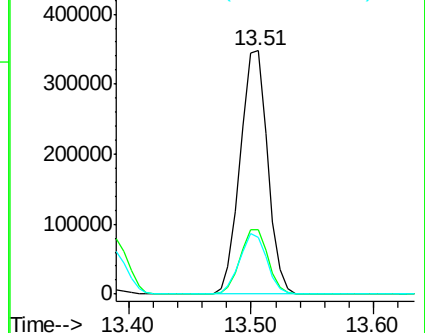
91 24.3 12.6 37.6

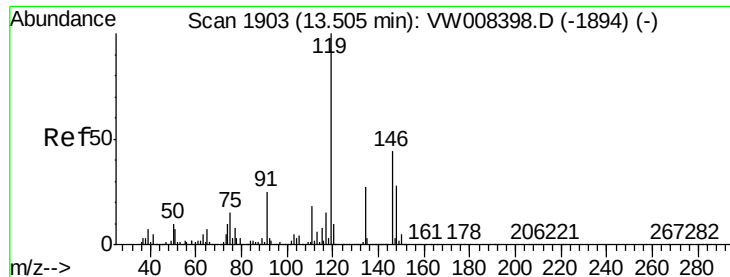


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 17.501 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW008397.D

Acq: 24 Jan 2019 15:16

Instrument :

MSVOA_W

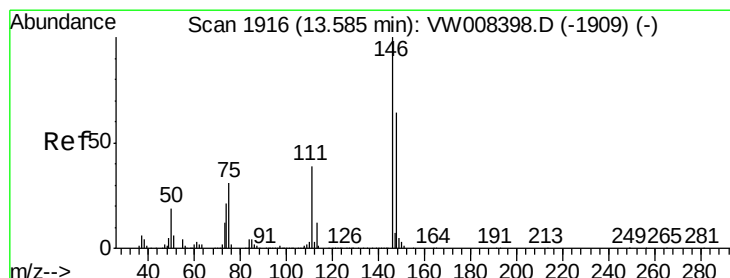
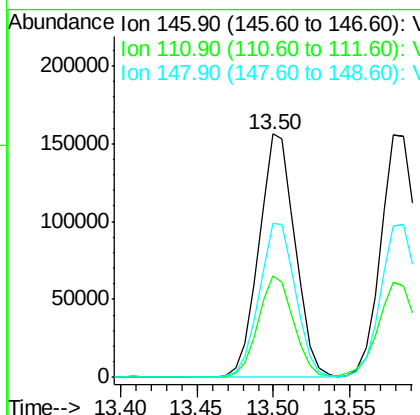
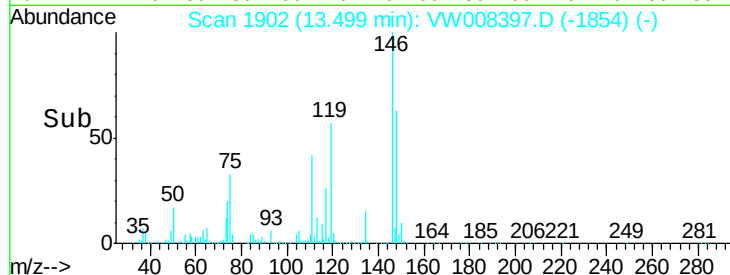
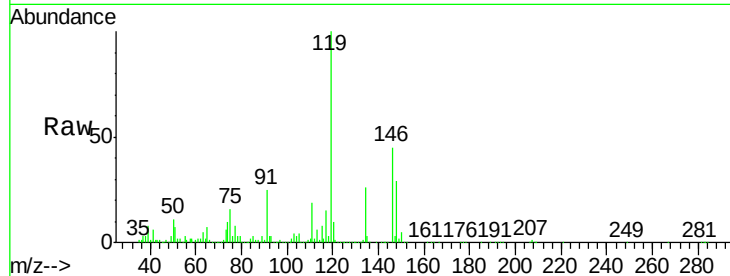
ClientSampleId :

VSTDIC020

Tot Ion:	146	Resp:	256825
Ion Ratio	Lower	Upper	
146	100		
111	40.6	20.3	60.9
148	63.8	31.9	95.7

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 17.283 ug/l

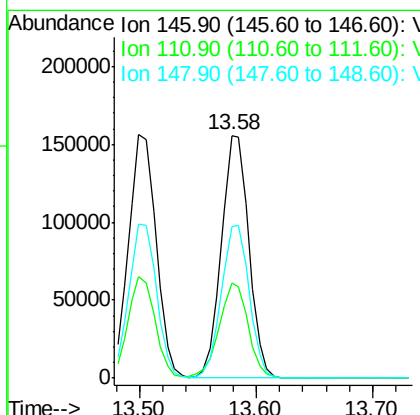
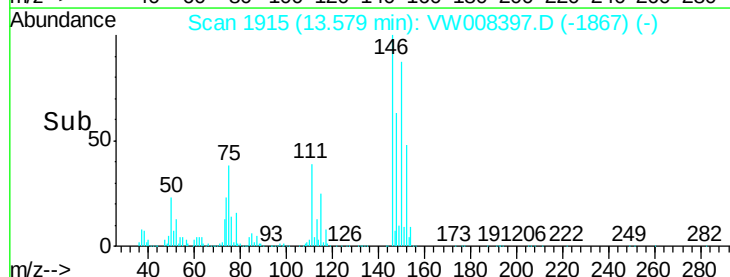
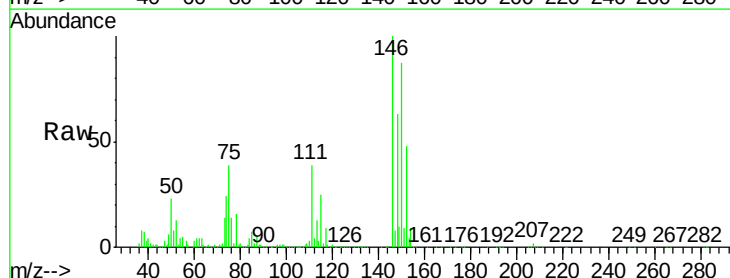
RT: 13.58 min Scan# 1915

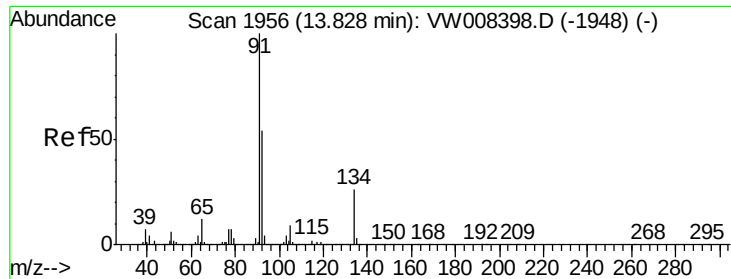
Delta R.T. -0.01 min

Lab File: VW008397.D

Acq: 24 Jan 2019 15:16

Tgt Ion:	146	Resp:	254092
Ion Ratio	Lower	Upper	
146	100		
111	40.7	20.0	60.0
148	64.0	32.0	96.2





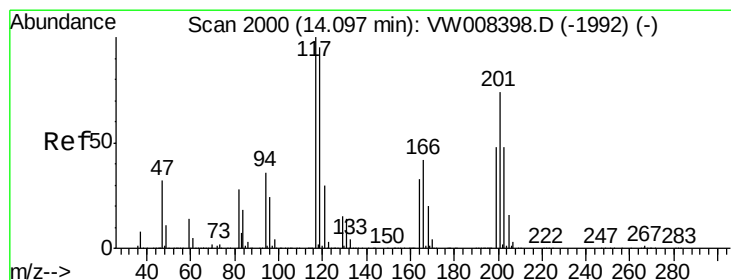
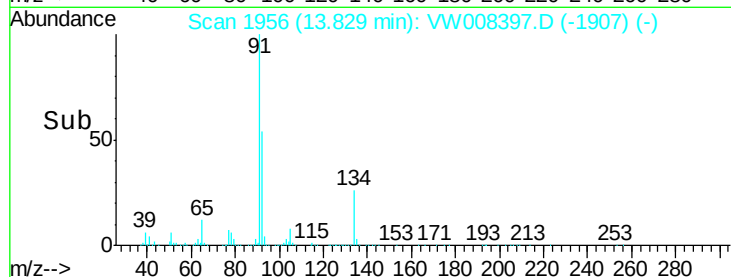
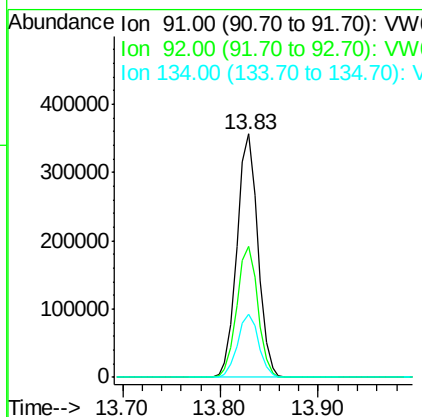
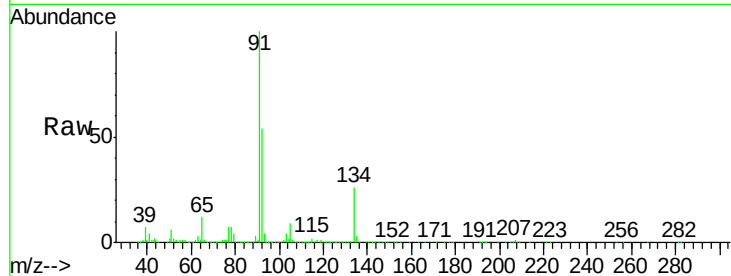
#89
n-Butylbenzene
Concen: 19.426 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW008397.D
Acq: 24 Jan 2019 15:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.4	82.2
134	26.3	13.0	39.0

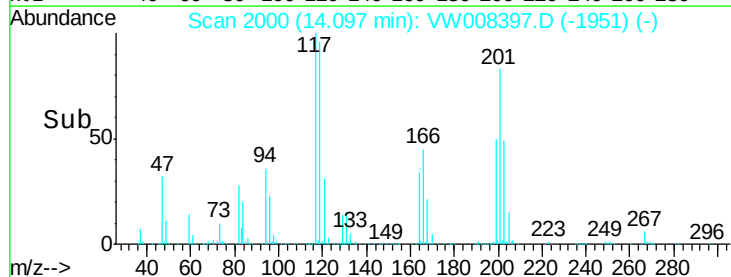
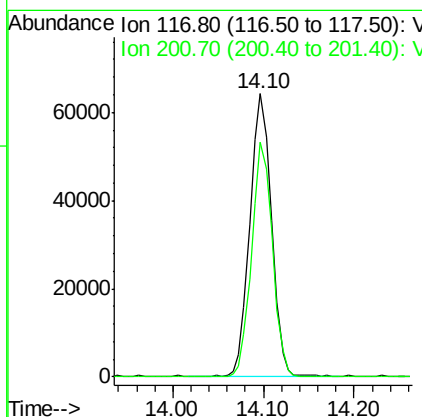
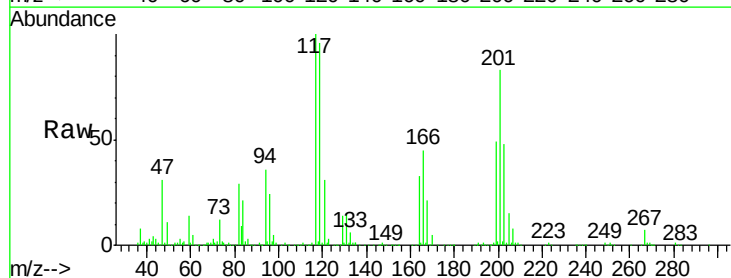
Manual Integrations
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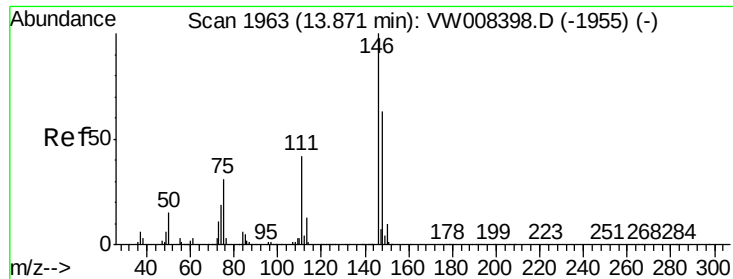
sam
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#90
Hexachloroethane
Concen: 20.180 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW008397.D
Acq: 24 Jan 2019 15:16

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.3	39.1	117.5





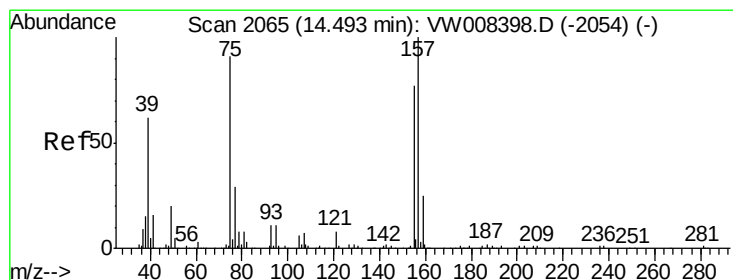
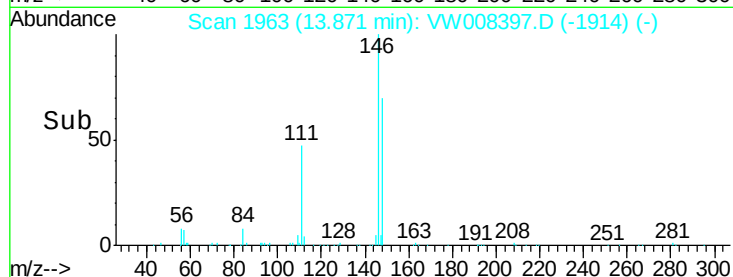
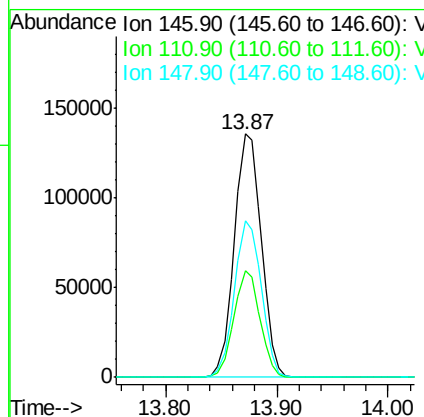
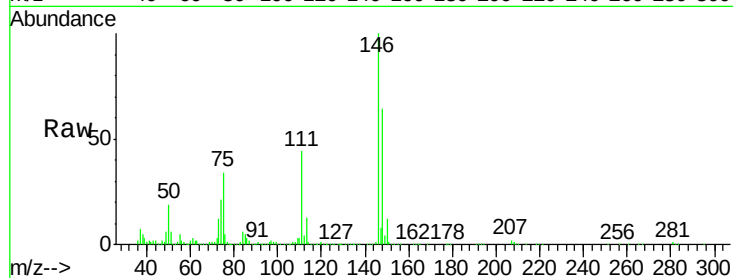
#91
 1,2-Dichlorobenzene
 Concen: 17.553 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW008397.D
 Acq: 24 Jan 2019 15:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.1	63.3
148	63.7	31.9	95.5

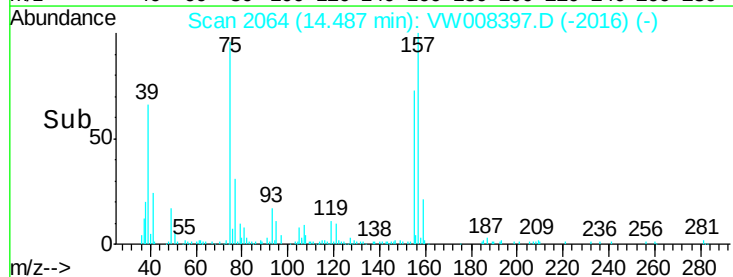
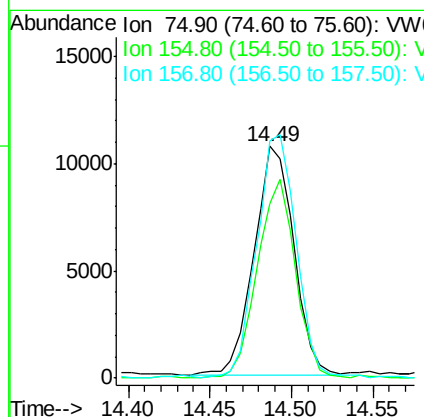
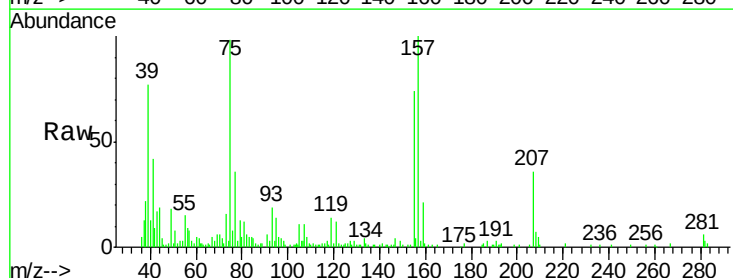
Manual Integrations
 APPROVED

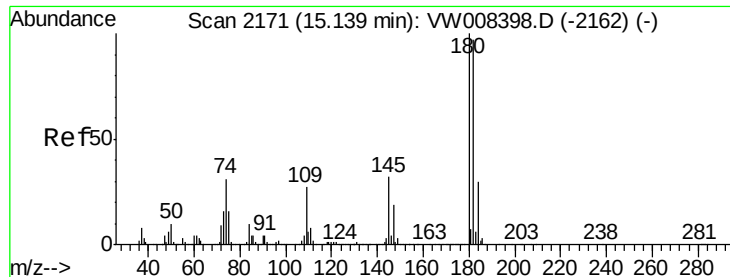
sam
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.015 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW008397.D
 Acq: 24 Jan 2019 15:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.7	42.7	128.1
157	106.7	55.5	166.3





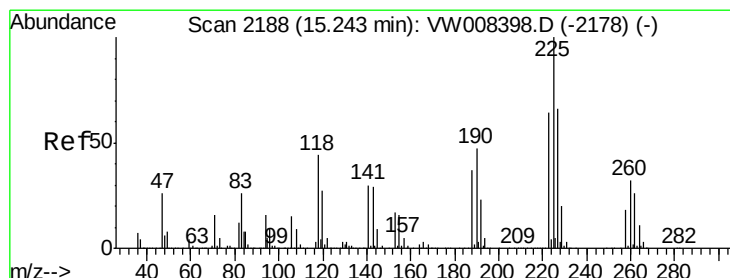
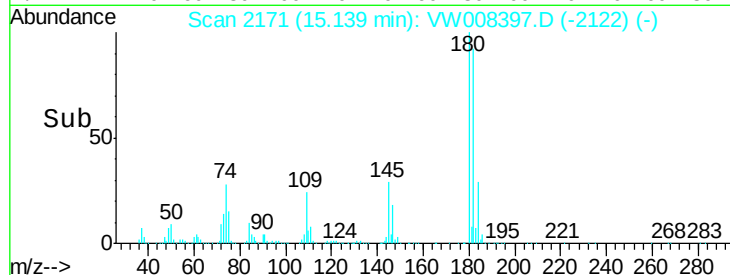
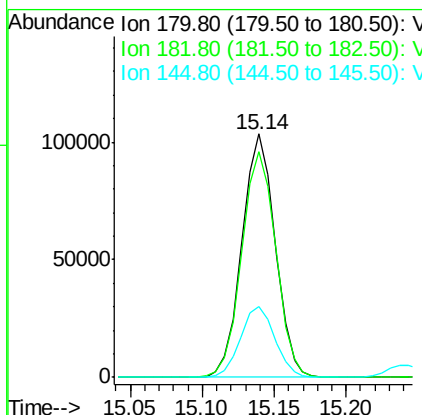
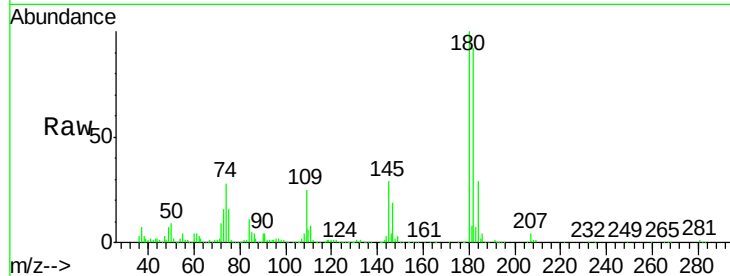
#93
 1,2,4-Trichlorobenzene
 Concen: 18.856 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008397.D
 Acq: 24 Jan 2019 15:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
180	100	165376		
182	95.0	47.9	143.7	
145	30.4	15.5	46.5	

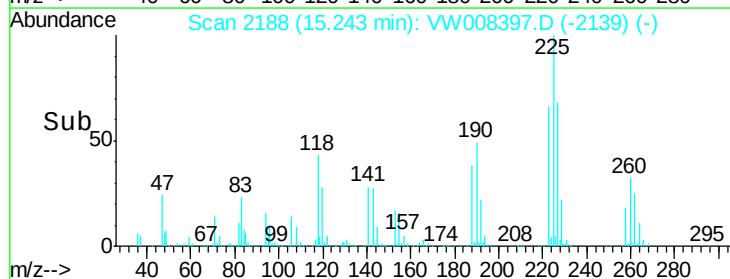
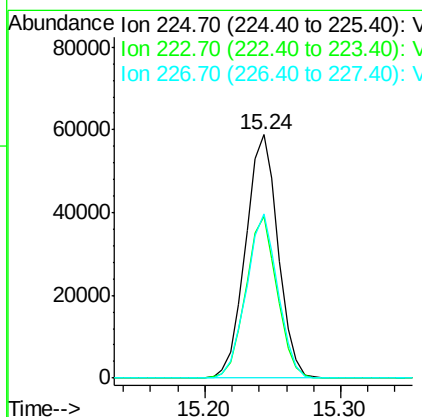
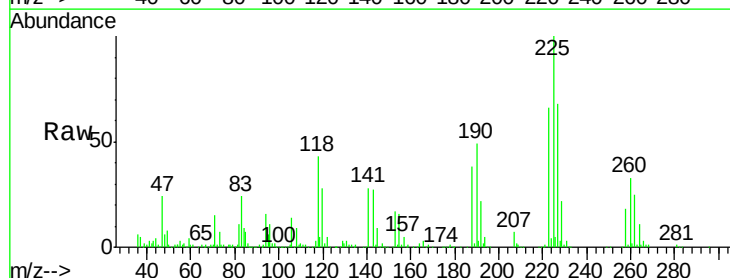
Manual Integrations
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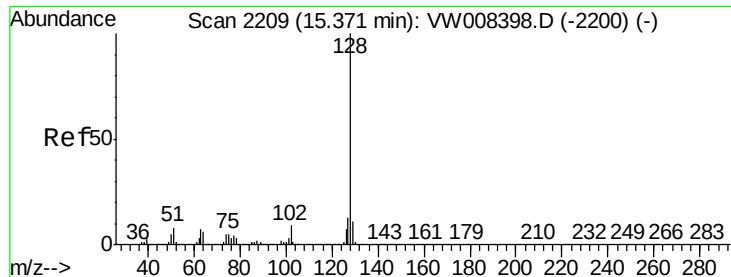
sam
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#94
 Hexachlorobutadiene
 Concen: 19.867 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008397.D
 Acq: 24 Jan 2019 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	98200		
223	63.8	31.7	95.1	
227	65.8	32.1	96.3	





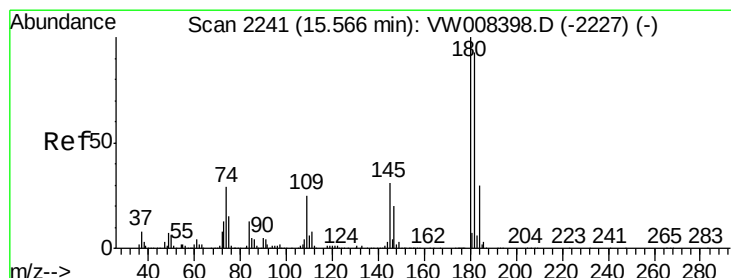
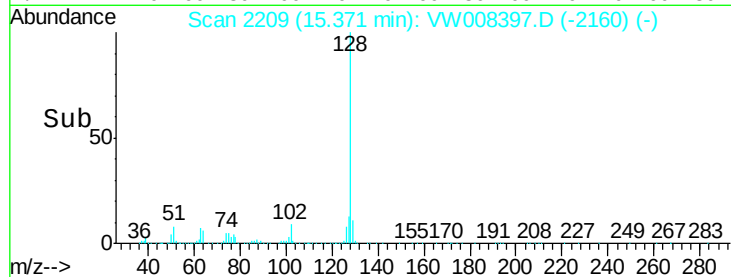
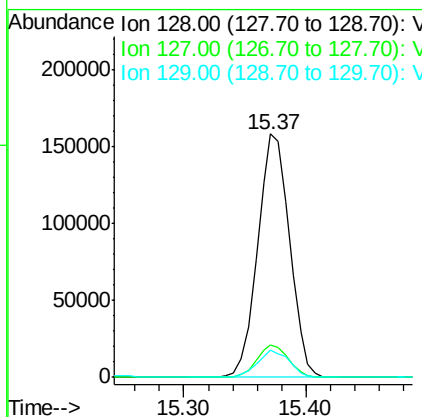
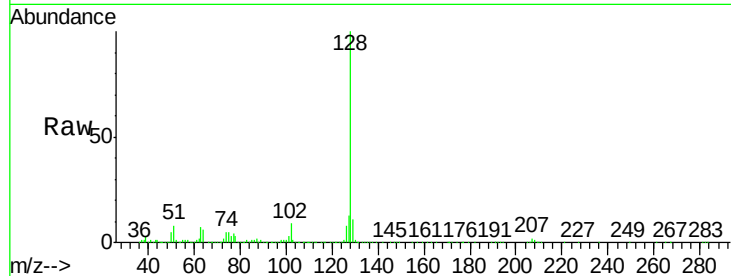
#95
Naphthalene
Concen: 19.621 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008397.D
Acq: 24 Jan 2019 15:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
128	100	287564		
127	13.3	10.6	15.8	
129	10.8	8.7	13.1	

Manual Integrations
APPROVED

sam
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#96
1,2,3-Trichlorobenzene
Concen: 18.050 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW008397.D
Acq: 24 Jan 2019 15:16

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	137893		
182	93.5	47.0	141.2	
145	33.1	15.9	47.6	

