

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080618\
 Data File : VW004480.D
 Acq On : 06 Aug 2018 20:01
 Operator : SY/AP
 Sample : VSTDIC075
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Manual Integrations
 APPROVED

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 8/7/2018 4:49:09 PM

Quant Time: Aug 07 08:14:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:40:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	794597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1223896	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1139600	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	601591	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	590258	72.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	145.64%	
35) Dibromofluoromethane	7.88	113	566337	72.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	145.16%	
50) Toluene-d8	10.33	98	2198061	71.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	143.44%	
62) 4-Bromofluorobenzene	12.62	95	809567	74.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	148.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	377317	117.17	ug/l	97
3) Chloromethane	2.22	50	518961	102.14	ug/l	99
4) Vinyl Chloride	2.37	62	705506	85.78	ug/l	98
5) Bromomethane	2.78	94	411931	77.87	ug/l	98
6) Chloroethane	2.92	64	433512	84.36	ug/l	99
7) Trichlorofluoromethane	3.25	101	264157	58.22	ug/l	95
8) Diethyl Ether	3.67	74	324586	75.92	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	582253	72.08	ug/l	99
10) Methyl Iodide	4.27	142	885668	73.62	ug/l	100
11) Tert butyl alcohol	5.20	59	174704	299.89	ug/l	99
12) 1,1-Dichloroethene	4.03	96	585323	72.87	ug/l	98
13) Acrolein	3.89	56	200014	372.51	ug/l	96
14) Allyl chloride	4.66	41	905093	71.13	ug/l	99
15) Acrylonitrile	5.37	53	754588	404.93	ug/l	99
16) Acetone	4.13	43	715320	386.65	ug/l	100
17) Carbon Disulfide	4.38	76	1896897	76.32	ug/l	99
18) Methyl Acetate	4.67	43	366091	75.69	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	825062	59.74	ug/l	97
20) Methylene Chloride	4.92	84	679464	76.01	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	640546	74.24	ug/l	97
22) Diisopropyl ether	6.31	45	1918588	78.60	ug/l	99
23) Vinyl Acetate	6.26	43	5895563	412.69	ug/l	100
24) 1,1-Dichloroethane	6.21	63	1172026	74.30	ug/l	99
25) 2-Butanone	7.18	43	1228137	510.69	ug/l	100
26) 2,2-Dichloropropane	7.17	77	579845	65.08	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	702317	79.53	ug/l	100
28) Bromochloromethane	7.51	49	528047	92.03	ug/l	99
29) Tetrahydrofuran	7.53	42	660961	446.99	ug/l	99
30) Chloroform	7.68	83	1135120	75.51	ug/l	100
31) Cyclohexane	7.96	56	1104673	78.91	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	851580	69.99	ug/l	99
36) 1,1-Dichloropropene	8.08	75	932185	75.28	ug/l	100
37) Ethyl Acetate	7.26	43	427808	83.34	ug/l	99
38) Carbon Tetrachloride	8.07	117	821998	68.04	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	1188687	79.00	ug/l	99
40) Benzene	8.32	78	2687811	76.81	ug/l	99
41) Methacrylonitrile	7.49	41	251924	85.76	ug/l	98
42) 1,2-Dichloroethane	8.40	62	725412	72.90	ug/l	100
43) Isopropyl Acetate	8.43	43	778692	84.48	ug/l	99
44) Trichloroethene	9.09	130	663578	71.00	ug/l	98
45) 1,2-Dichloropropane	9.37	63	677476	77.99	ug/l	100
46) Dibromomethane	9.46	93	337565	75.91	ug/l	99
47) Bromodichloromethane	9.65	83	807424	72.52	ug/l	99
48) Methyl methacrylate	9.44	41	371966	79.88	ug/l	99
49) 1,4-Dioxane	9.46	88	109805	1624.88	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	2712699	505.43	ug/l	100
52) Toluene	10.39	92	1608338	73.72	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	831432	74.56	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	979460	75.29	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	473327	74.95	ug/l	99
56) Ethyl methacrylate	10.65	69	643257	83.79	ug/l	100
57) 1,3-Dichloropropane	10.94	76	835689	77.41	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	1548168	440.63	ug/l	100
59) 2-Hexanone	10.98	43	1856153	505.34	ug/l	100
60) Dibromochloromethane	11.13	129	536112	71.50	ug/l	100
61) 1,2-Dibromoethane	11.24	107	452691	75.03	ug/l	100
64) Tetrachloroethene	10.87	164	552920	66.68	ug/l	98
65) Chlorobenzene	11.66	112	1751816	72.99	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	601280	70.95	ug/l	100
67) Ethyl Benzene	11.74	91	3123379	74.35	ug/l	99
68) m/p-Xylenes	11.85	106	2407447	149.35	ug/l	99
69) o-Xylene	12.17	106	1136982	76.28	ug/l	100
70) Styrene	12.19	104	1931576	76.41	ug/l	100
71) Bromoform	12.35	173	327344	69.08	ug/l #	100
73) Isopropylbenzene	12.47	105	3116314	74.26	ug/l	100
74) N-amyl acetate	12.28	43	760261	82.47	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	598842	79.62	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	415650m	76.45	ug/l	
77) Bromobenzene	12.75	156	719545	71.27	ug/l	100
78) n-propylbenzene	12.81	91	3819144	74.86	ug/l	100
79) 2-Chlorotoluene	12.90	91	2138871	73.17	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	2621521	72.56	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	188585	78.67	ug/l	99
82) 4-Chlorotoluene	12.99	91	2250954	72.37	ug/l	100
83) tert-Butylbenzene	13.21	119	2253327	74.99	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	2718444	73.60	ug/l	100
85) sec-Butylbenzene	13.39	105	3315401	75.45	ug/l	100
86) p-Isopropyltoluene	13.51	119	2917589	74.15	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	1447590	71.23	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	1432841	70.70	ug/l	100
89) n-Butylbenzene	13.83	91	2840319	76.58	ug/l	99
90) Hexachloroethane	14.10	117	518327	73.68	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	1313729	72.10	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	98835	75.90	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	941135	73.65	ug/l	99
94) Hexachlorobutadiene	15.25	225	527306	67.89	ug/l	100
95) Naphthalene	15.38	128	1873450	83.68	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	846321	75.16	ug/l	99

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

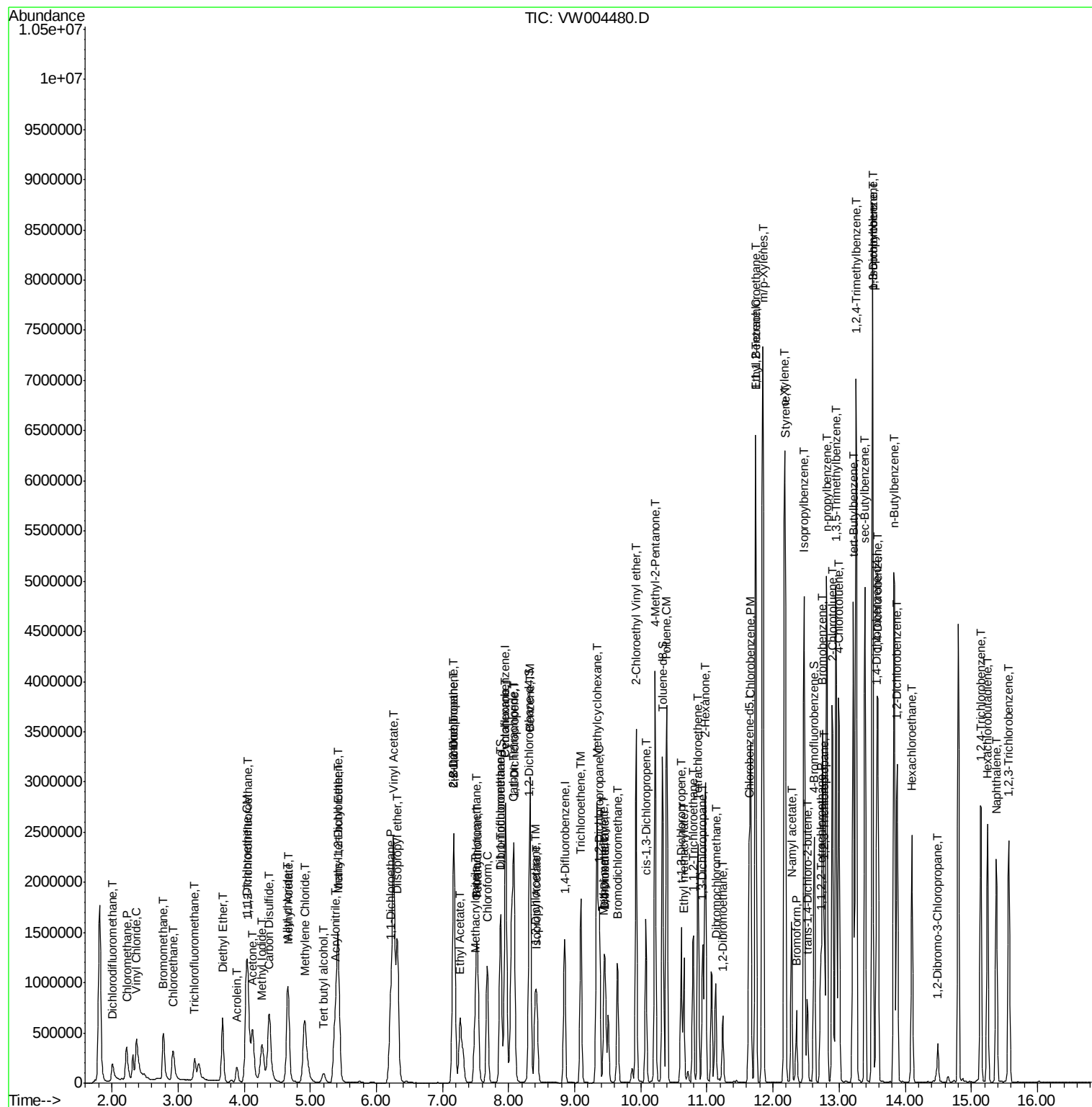
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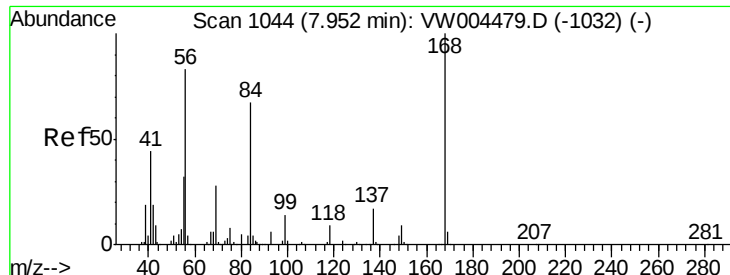
Instrument :
MSVOA_W
Client Sampled :
VSTDIC075

Manual Integrations
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

Tot Ion:168 Resp: 794597

Ion Ratio Lower Upper

168 100

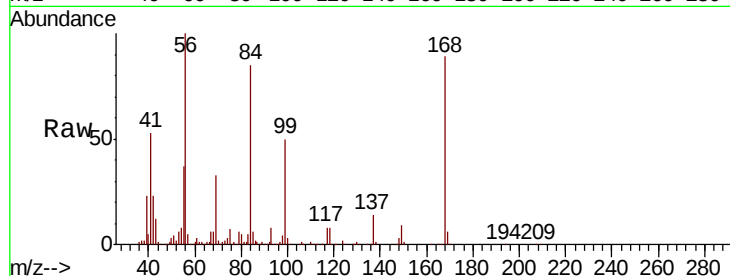
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Manual Integrations

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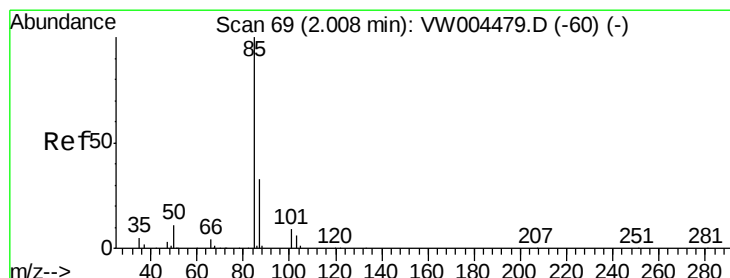
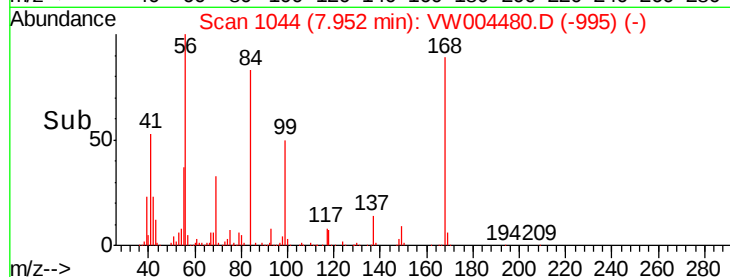
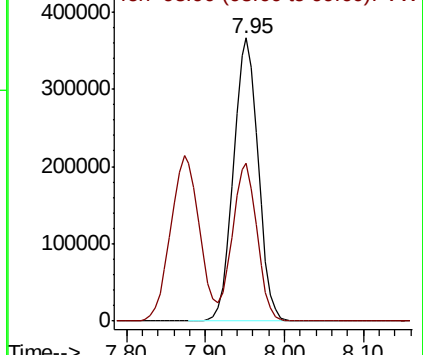
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 117.17 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VW004480.D

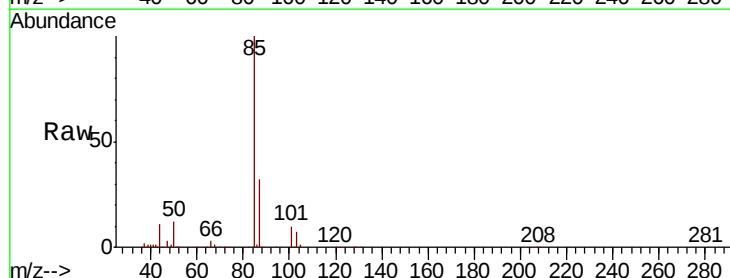
Acq: 06 Aug 2018 20:01

Tgt Ion: 85 Resp: 377317

Ion Ratio Lower Upper

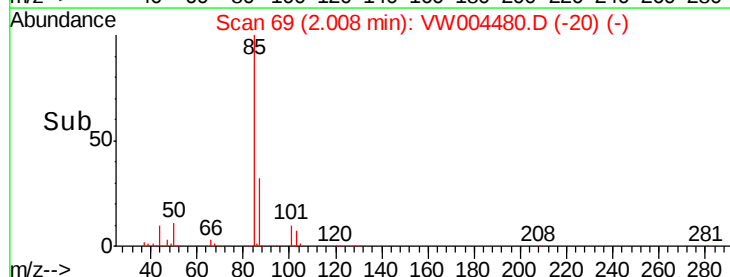
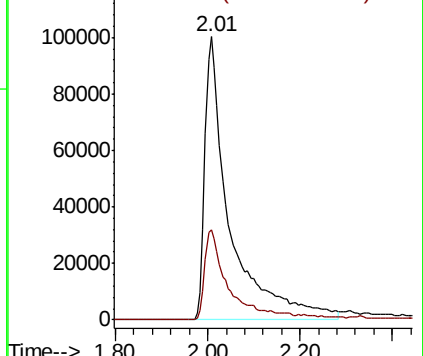
85 100

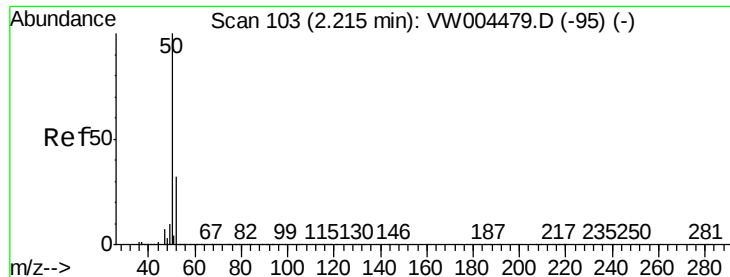
87 31.8 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 102.14 ug/l

RT: 2.22 min Scan# 104

Delta R.T. 0.01 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 50 Resp: 518961

Ion Ratio Lower Upper

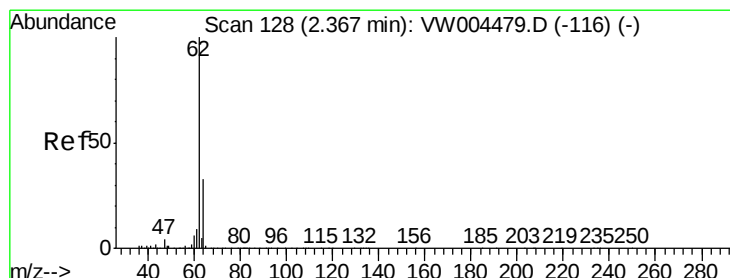
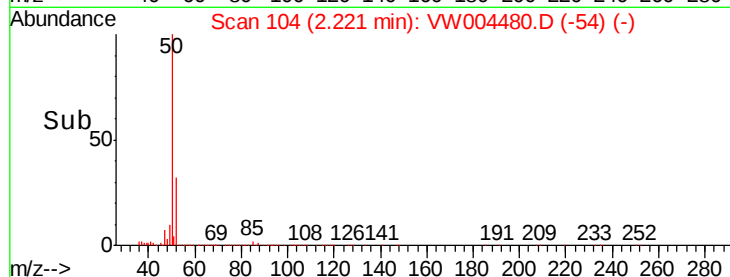
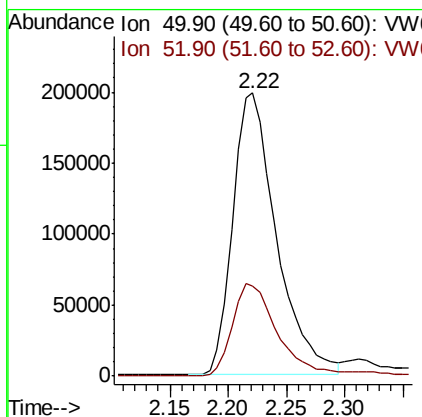
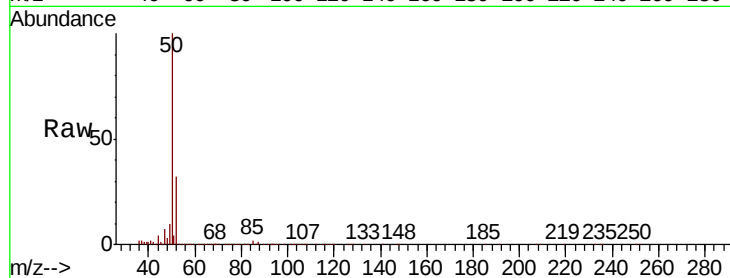
50 100

52 32.0 25.8 38.8

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#4

Vinyl Chloride

Concen: 85.78 ug/l

RT: 2.37 min Scan# 129

Delta R.T. 0.01 min

Lab File: VW004480.D

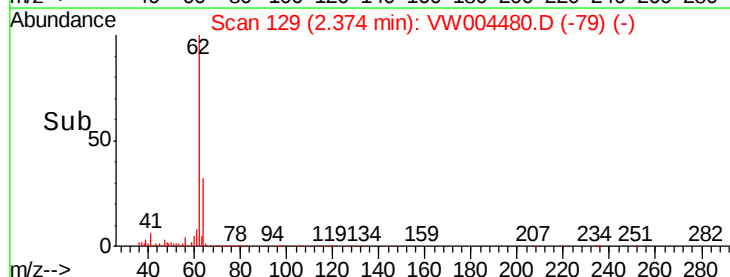
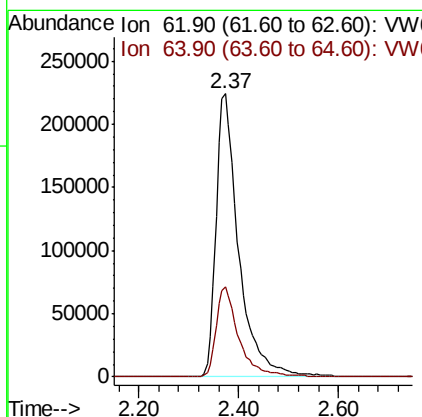
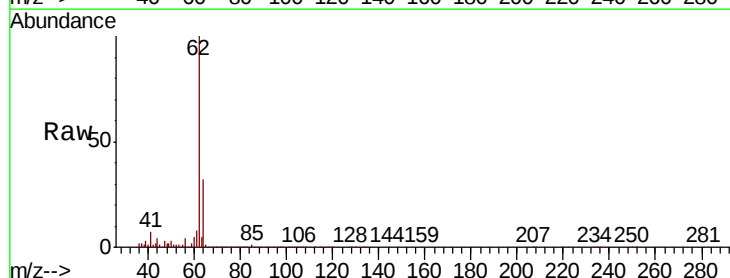
Acq: 06 Aug 2018 20:01

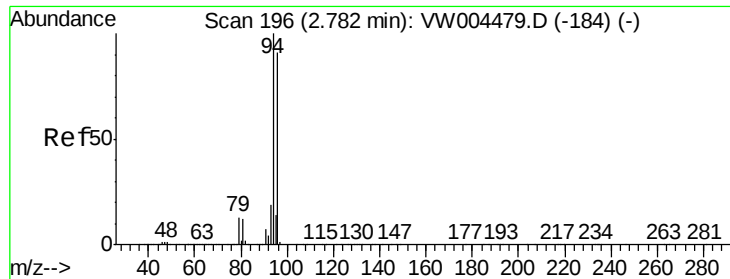
Tgt Ion: 62 Resp: 705506

Ion Ratio Lower Upper

62 100

64 31.8 26.2 39.2





#5

Bromomethane

Concen: 77.87 ug/l

RT: 2.78 min Scan# 195

Delta R.T. -0.01 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 94 Resp: 411931

Ion Ratio Lower Upper

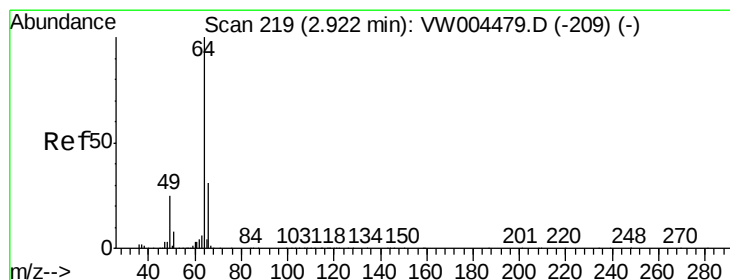
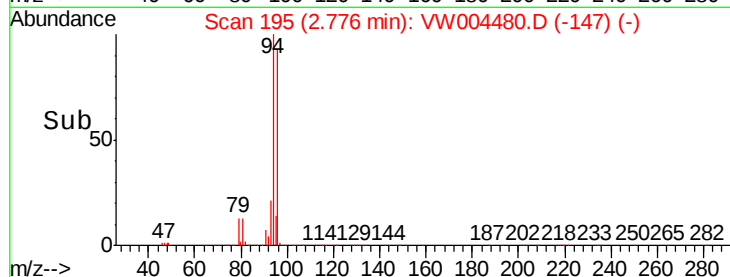
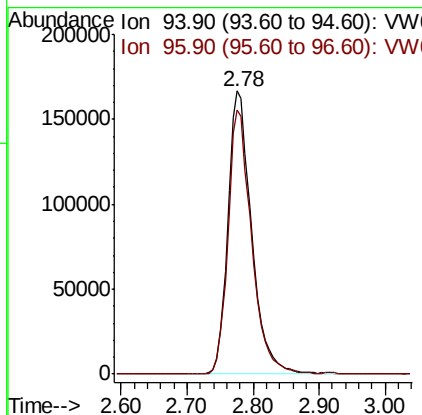
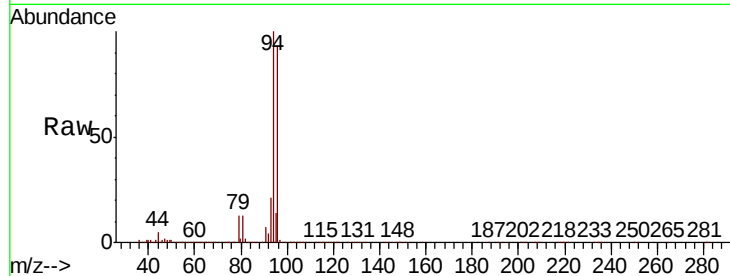
94 100

96 93.1 72.9 109.3

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#6

Chloroethane

Concen: 84.36 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW004480.D

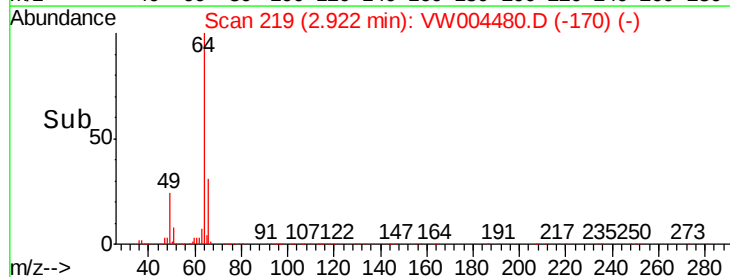
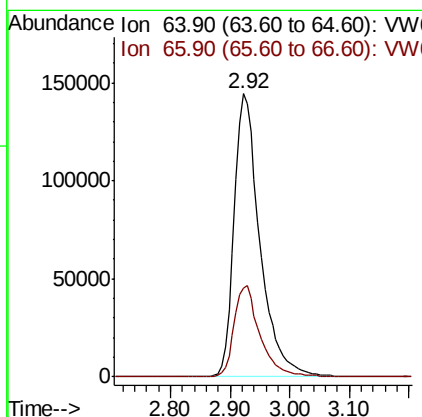
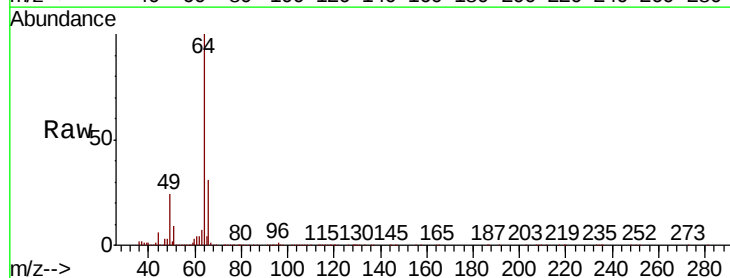
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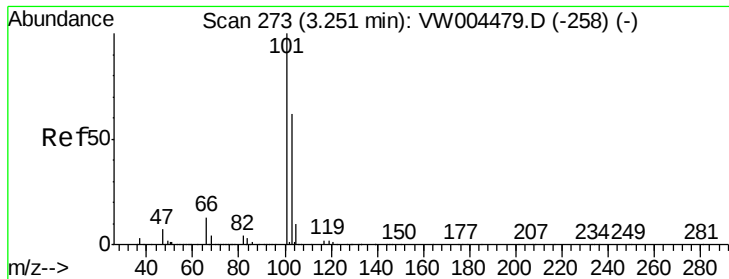
Tgt Ion: 64 Resp: 433512

Ion Ratio Lower Upper

64 100

66 31.2 24.6 36.8





#7

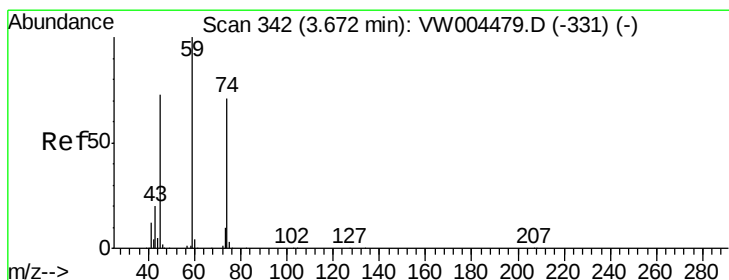
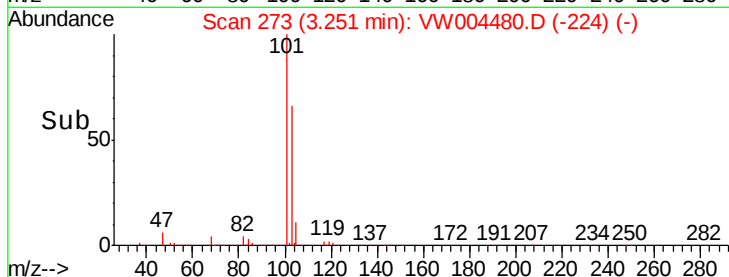
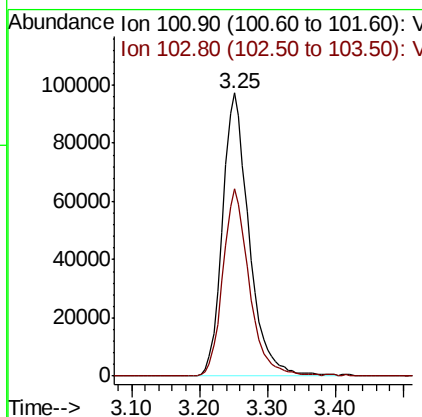
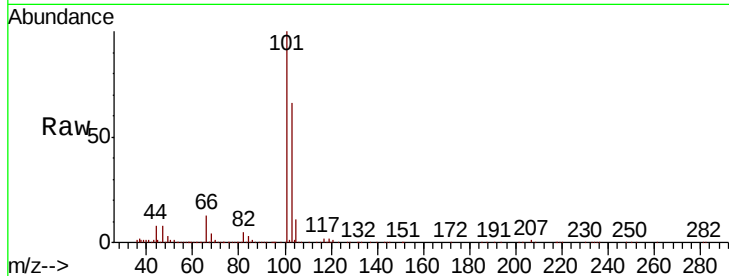
Trichlorofluoromethane
 Concen: 58.22 ug/l
 RT: 3.25 min Scan# 273
 Delta R.T. 0.00 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.9	49.8	74.8

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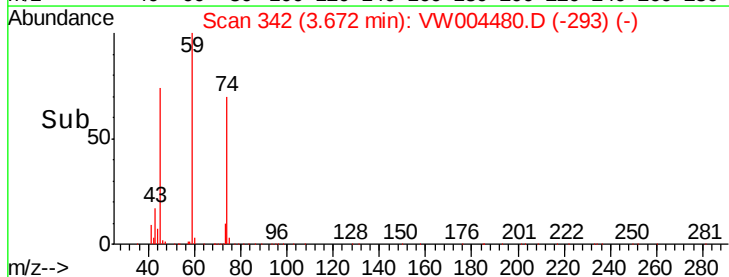
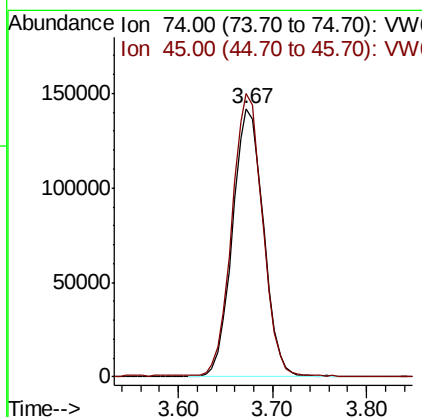
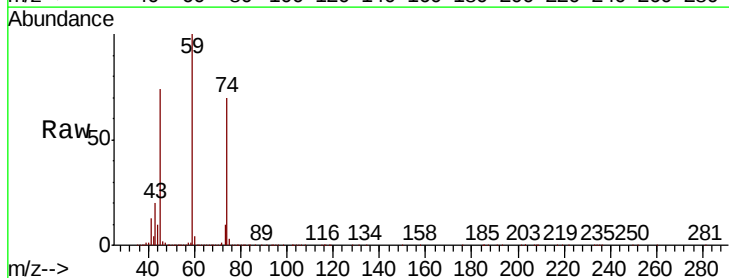
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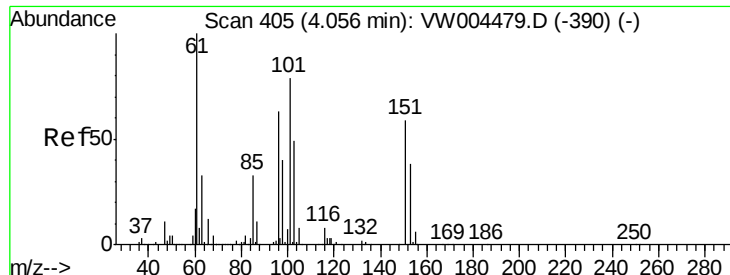


#8

Diethyl Ether
 Concen: 75.92 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.2	51.2	153.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 72.08 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

Instrument :

MSVOA_W

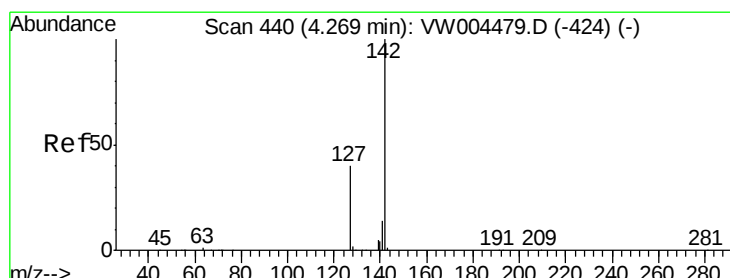
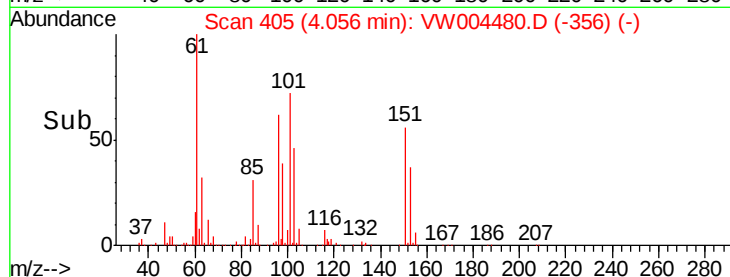
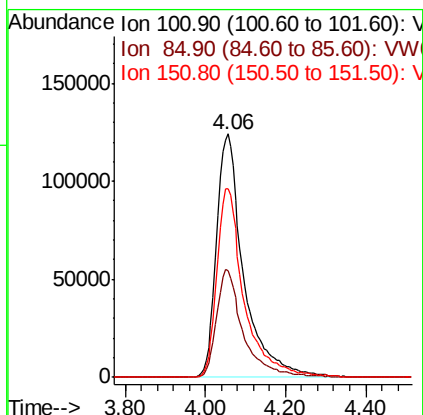
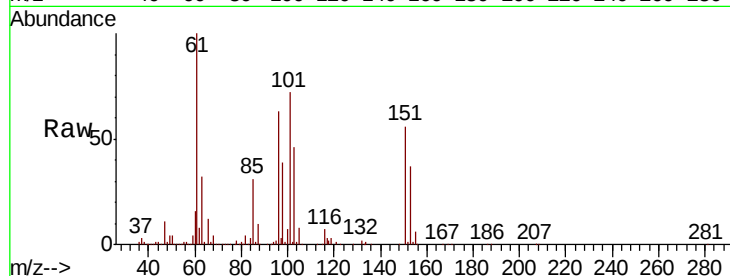
ClientSampleId :

VSTDIC075

Tot Ion:	101	Resp:	582253
Ion Ratio	Lower	Upper	
101	100		
85	43.6	34.6	51.8
151	77.8	61.3	91.9

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#10

Methyl Iodide

Concen: 73.62 ug/l

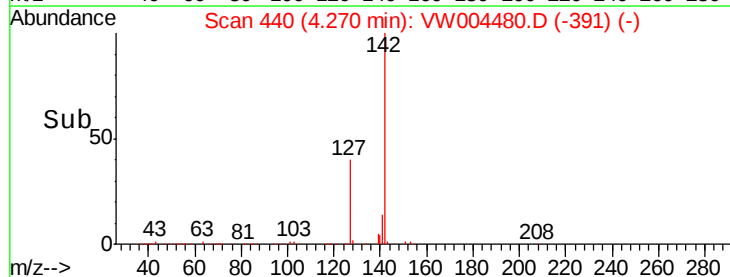
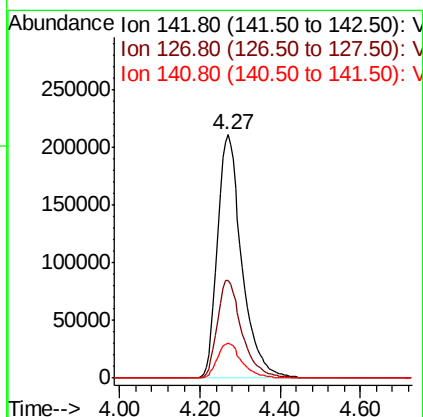
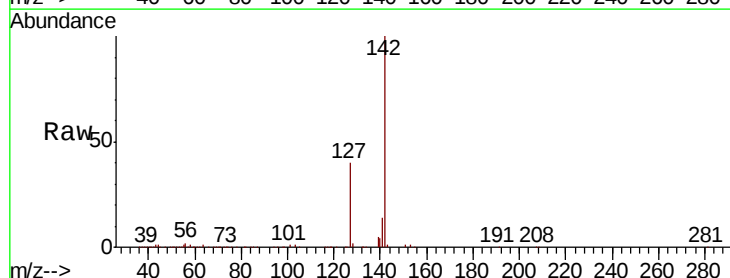
RT: 4.27 min Scan# 440

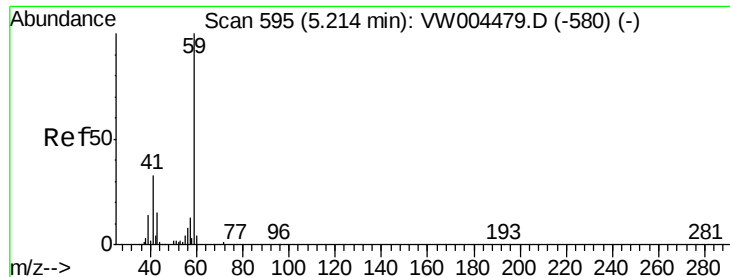
Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

Tgt Ion:	142	Resp:	885668
Ion Ratio	Lower	Upper	
142	100		
127	40.8	32.7	49.1
141	14.6	11.5	17.3





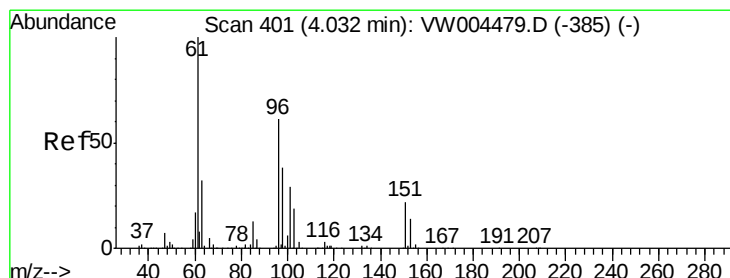
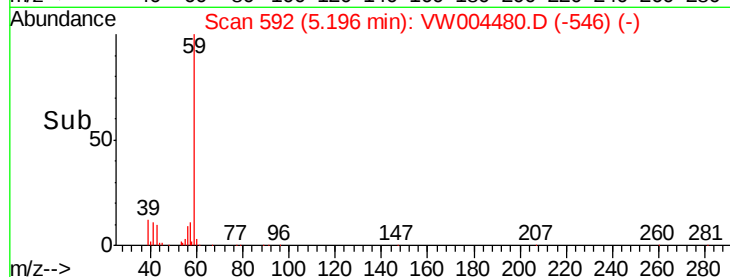
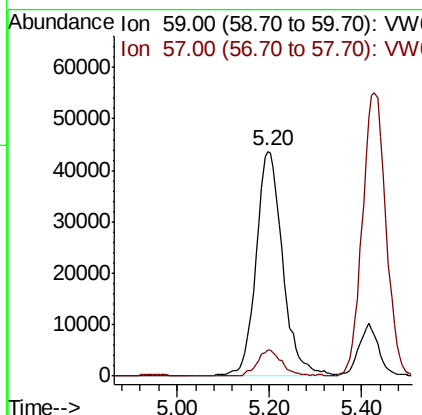
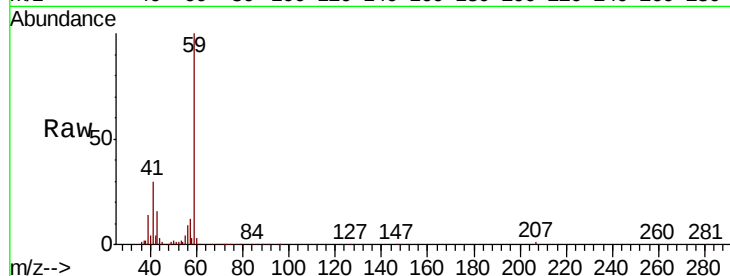
#11
Tert butyl alcohol
Concen: 299.89 ug/l
RT: 5.20 min Scan# 592
Delta R.T. -0.02 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	9.1	13.7

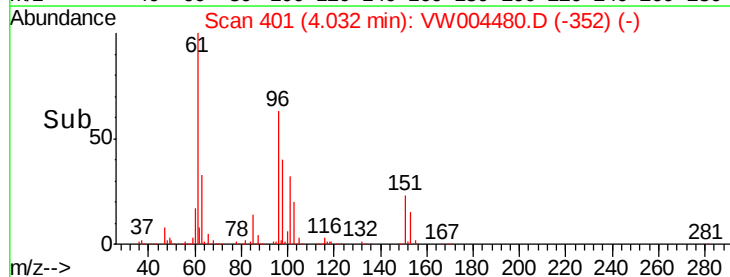
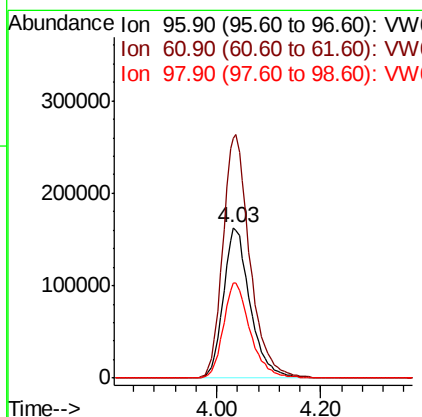
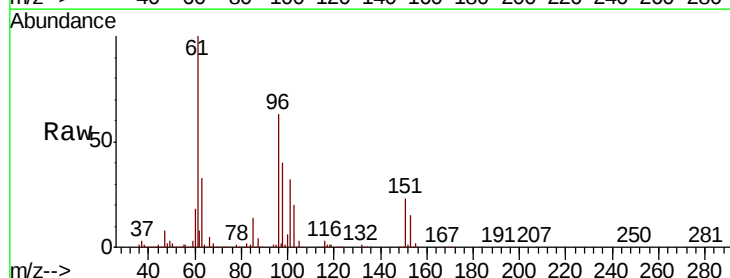
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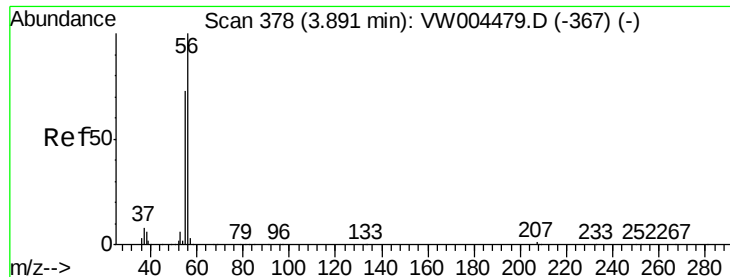
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#12
1,1-Dichloroethene
Concen: 72.87 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.00 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.7	130.6	195.8
98	63.2	49.6	74.4





#13

Acrolein

Concen: 372.51 ug/l

RT: 3.89 min Scan# 377

Delta R.T. -0.01 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 56 Resp: 200014

Ion Ratio Lower Upper

56 100

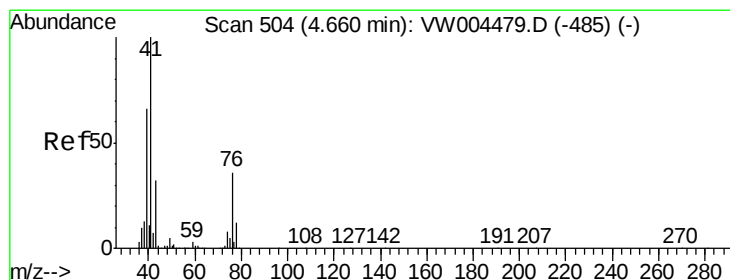
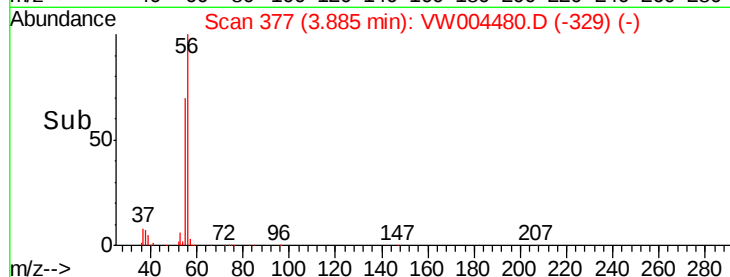
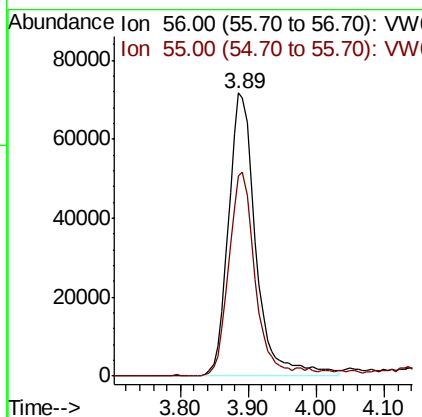
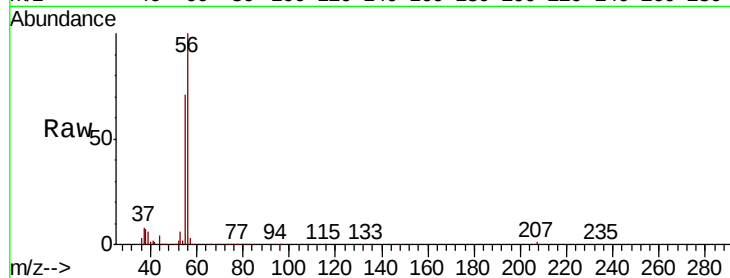
55 67.7 56.7 85.1

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#14

Allyl chloride

Concen: 71.13 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

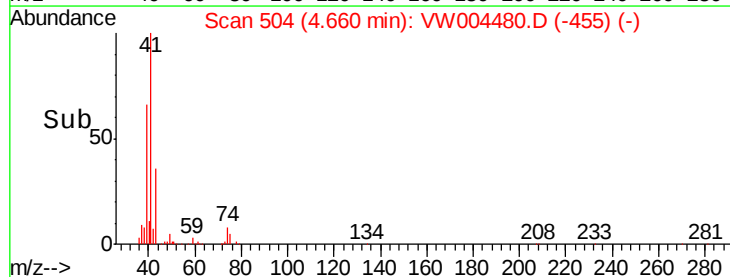
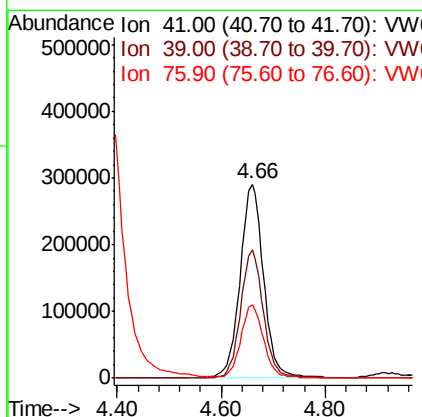
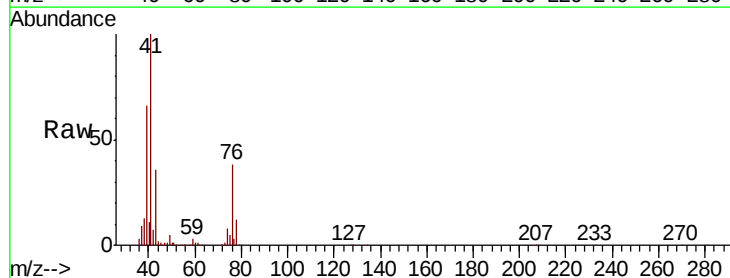
Tgt Ion: 41 Resp: 905093

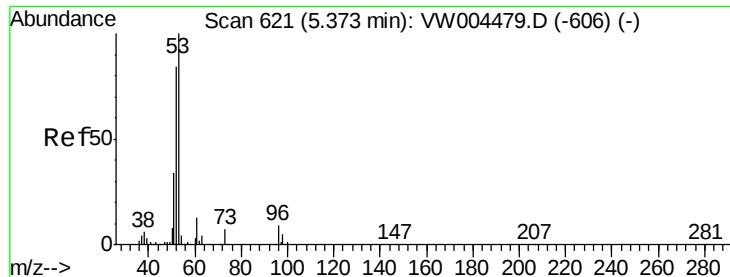
Ion Ratio Lower Upper

41 100

39 64.2 51.9 77.9

76 36.5 29.0 43.6





#15

Acrylonitrile

Concen: 404.93 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

Instrument :

MSVOA_W

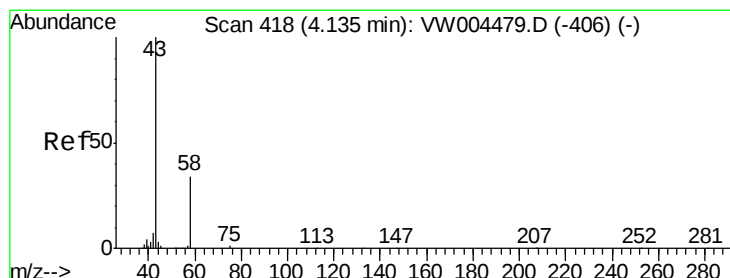
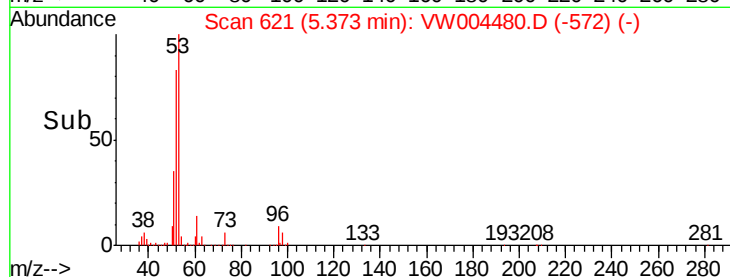
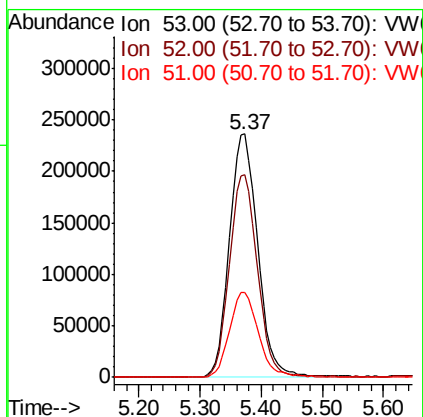
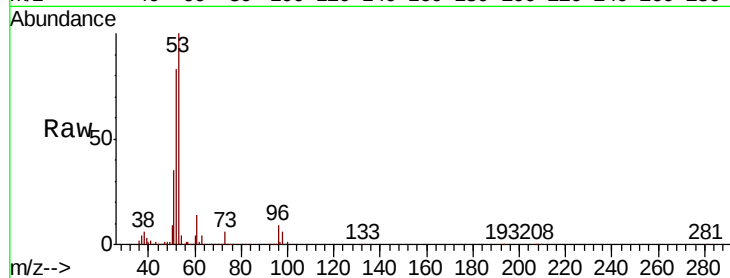
ClientSampleId :

VSTDIC075

Tot Ion:	53	Resp:	754588
Ion Ratio	Lower	Upper	
53	100		
52	82.2	66.5	99.7
51	35.7	28.4	42.6

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#16

Acetone

Concen: 386.65 ug/l

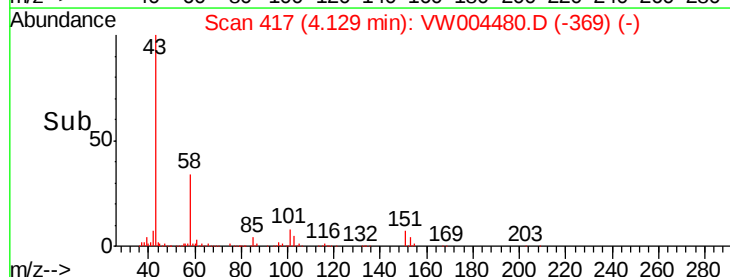
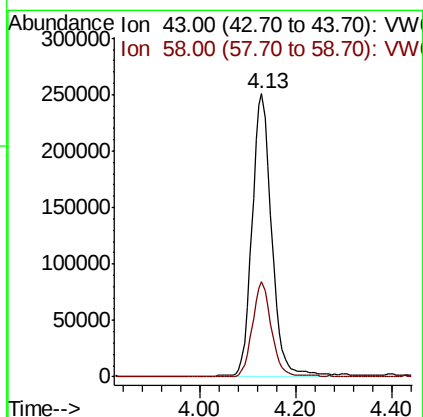
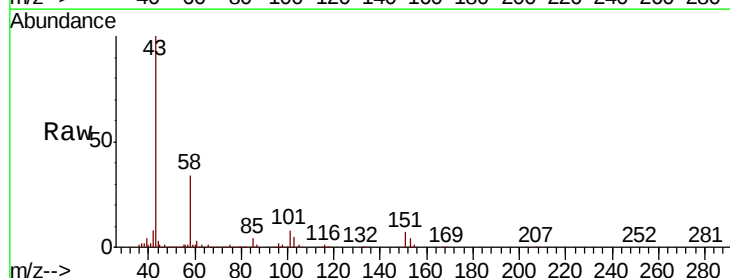
RT: 4.13 min Scan# 417

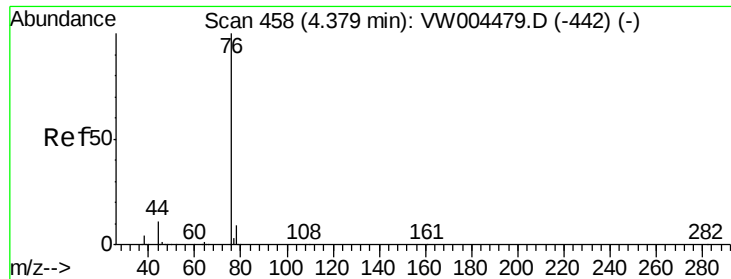
Delta R.T. -0.01 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

Tgt Ion:	43	Resp:	715320
Ion Ratio	Lower	Upper	
43	100		
58	33.6	26.8	40.2





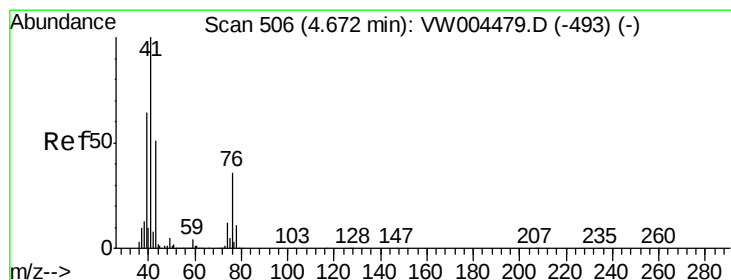
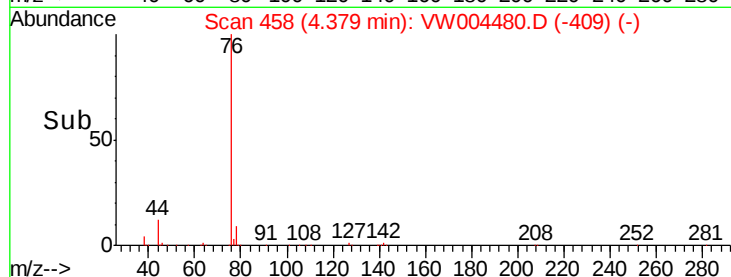
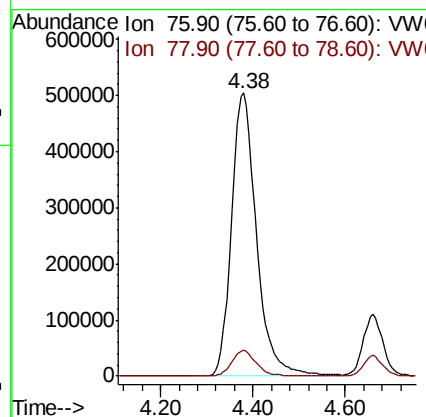
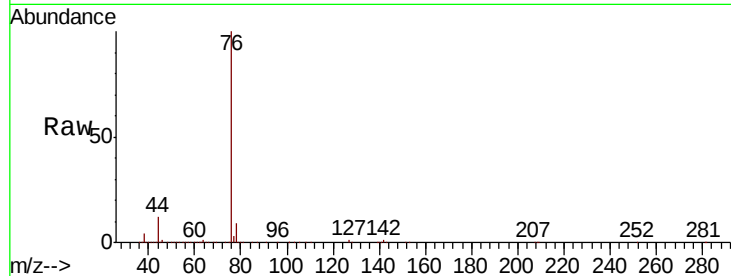
#17
Carbon Disulfide
Concen: 76.32 ug/l
RT: 4.38 min Scan# 458
Delta R.T. 0.00 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.0	10.4

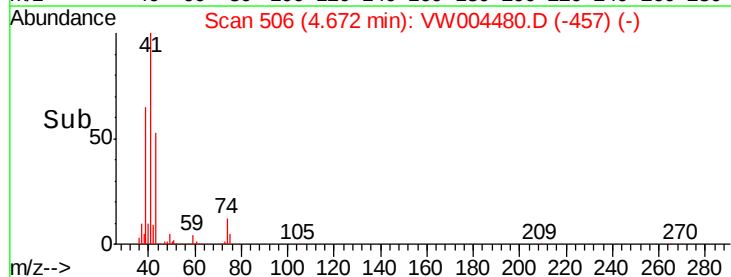
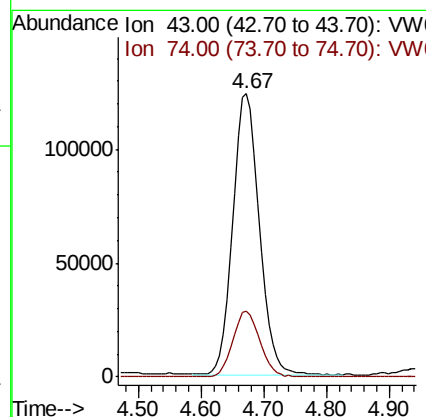
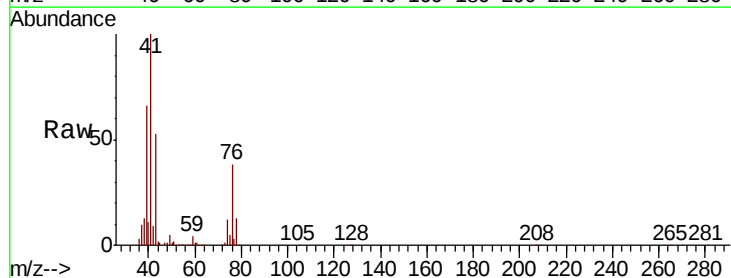
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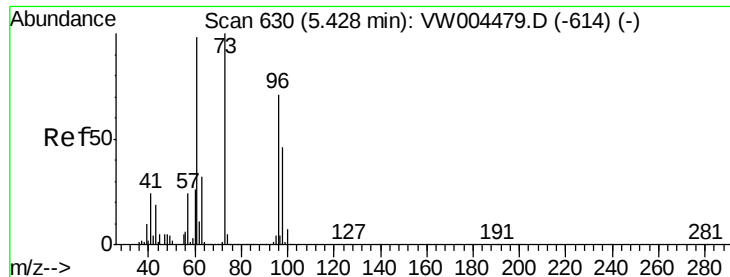
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#18
Methyl Acetate
Concen: 75.69 ug/l
RT: 4.67 min Scan# 506
Delta R.T. 0.00 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	19.1	28.7





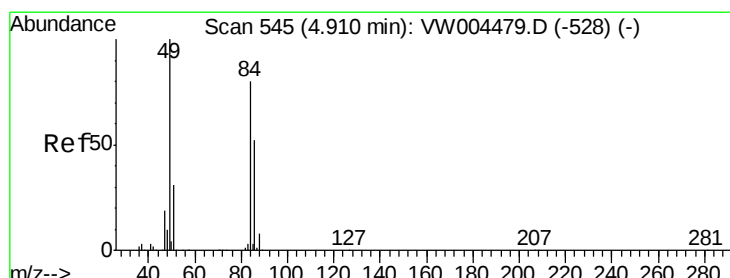
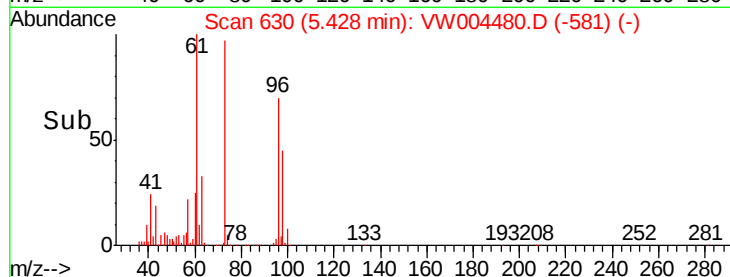
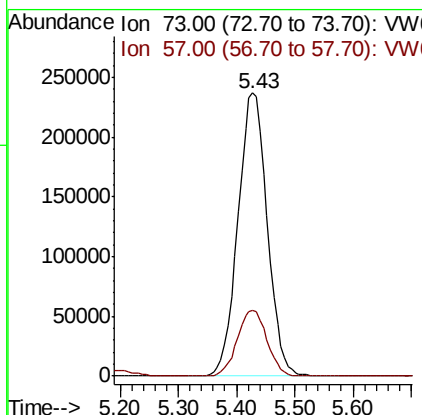
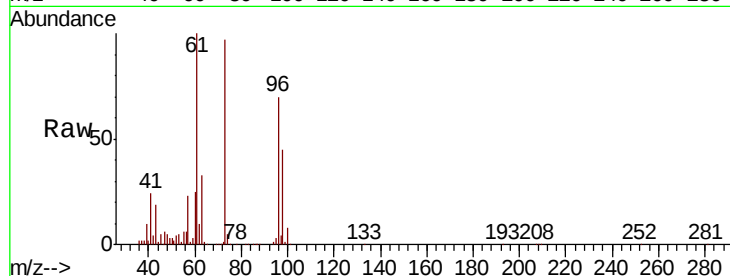
#19
Methvl tert-butvl Ether
Concen: 59.74 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.2	19.6	29.4

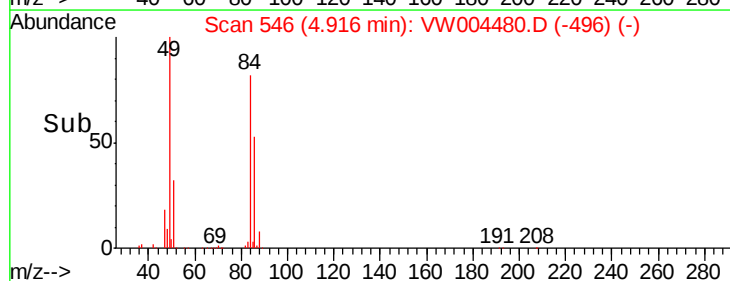
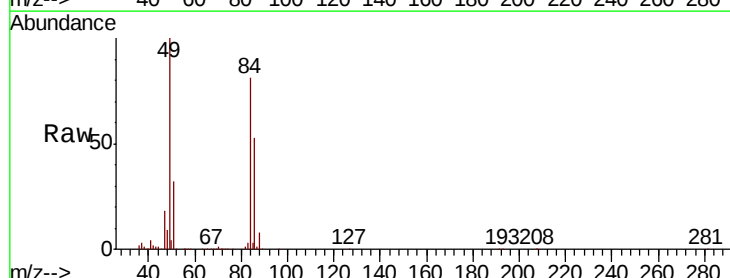
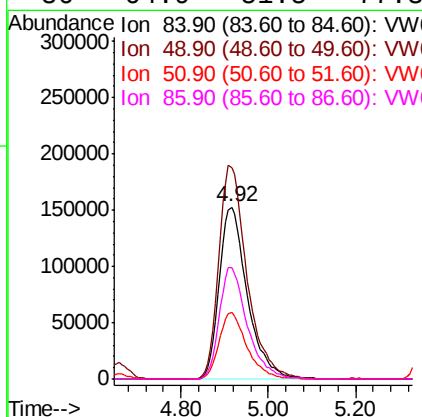
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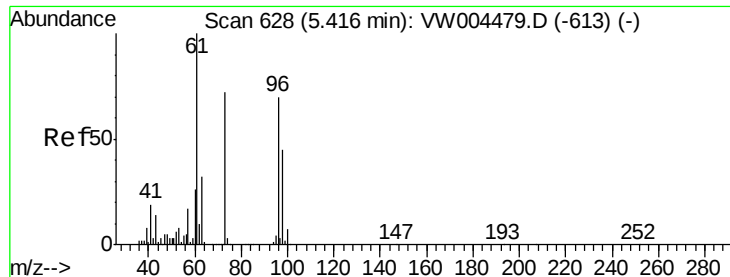
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#20
Methylene Chloride
Concen: 76.01 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.0	99.6	149.4
51	38.7	31.0	46.4
86	64.9	51.5	77.3





#21

trans-1,2-Dichloroethene

Concen: 74.24 ug/l

RT: 5.42 min Scan# 628

Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

Instrument :

MSVOA_W

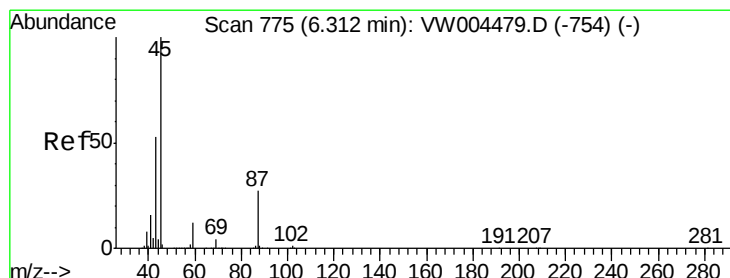
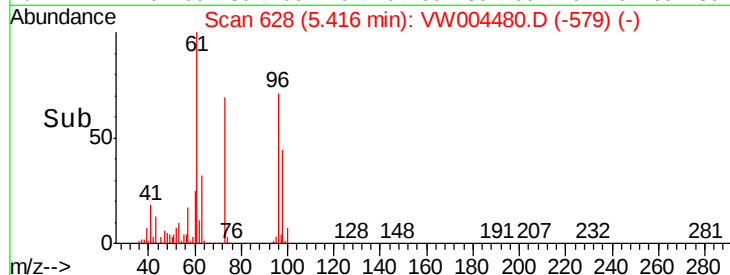
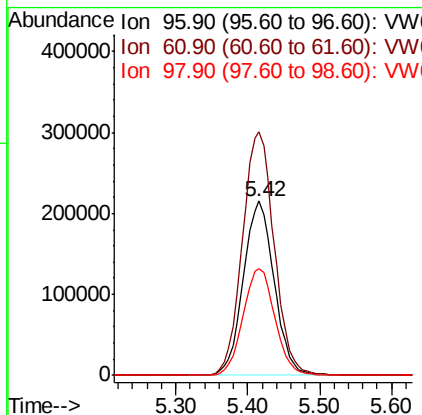
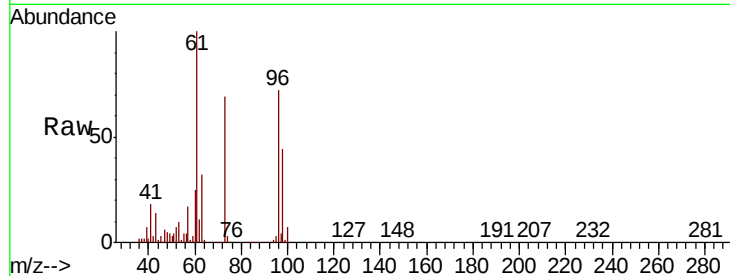
ClientSampleId :

VSTDIC075

Tot Ion:	96	Resp:	640546
Ion	Ratio	Lower	Upper
96	100		
61	139.8	114.1	171.1
98	61.3	51.4	77.2

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#22

Diisopropyl ether

Concen: 78.60 ug/l

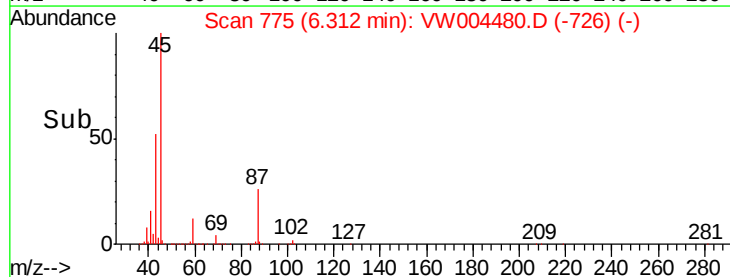
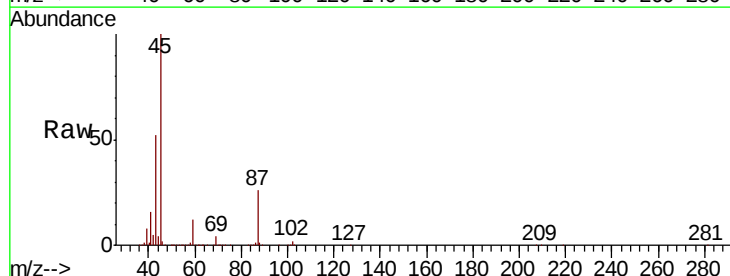
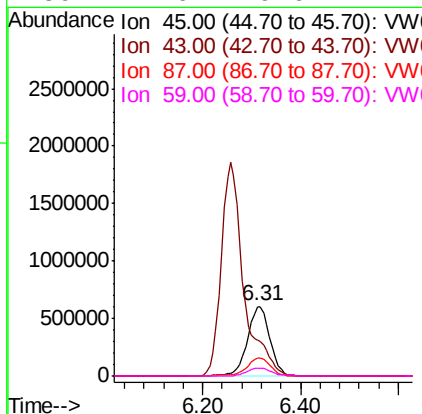
RT: 6.31 min Scan# 775

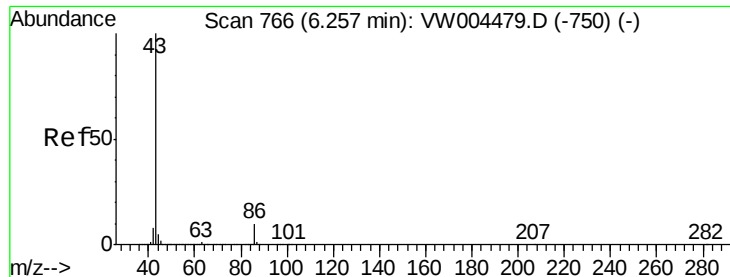
Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

Tgt Ion:	45	Resp:	1918588
Ion	Ratio	Lower	Upper
45	100		
43	52.1	42.4	63.6
87	26.0	21.6	32.4
59	11.6	9.6	14.4





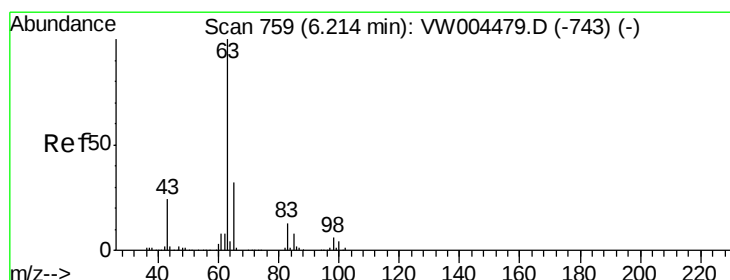
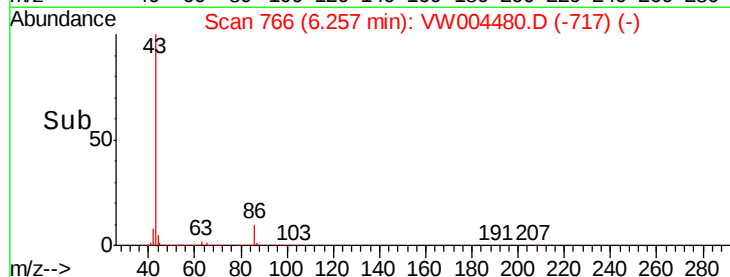
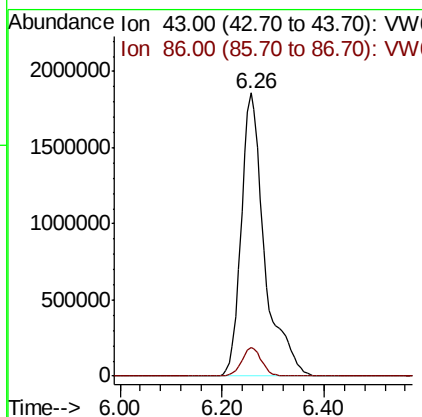
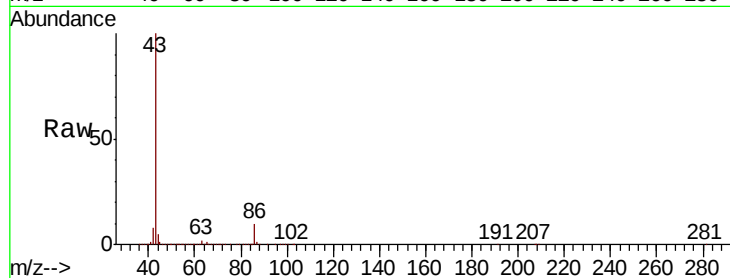
#23
 Vinyl Acetate
 Concen: 412.69 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion: 43 Resp: 5895563
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.9 11.9

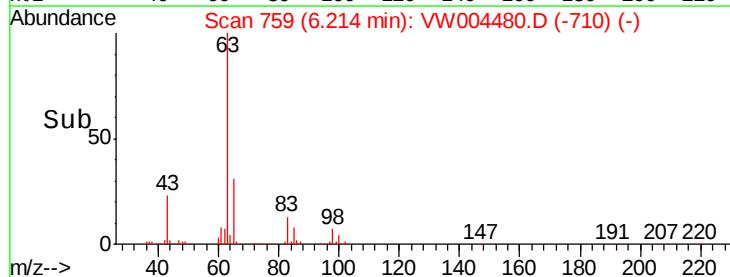
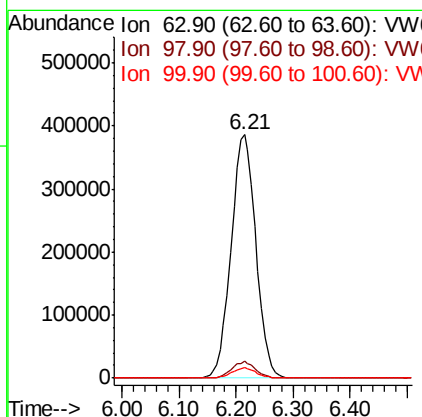
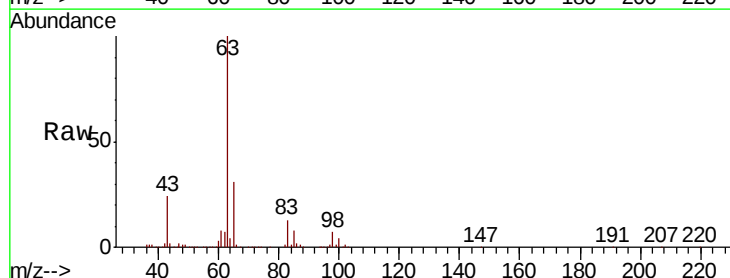
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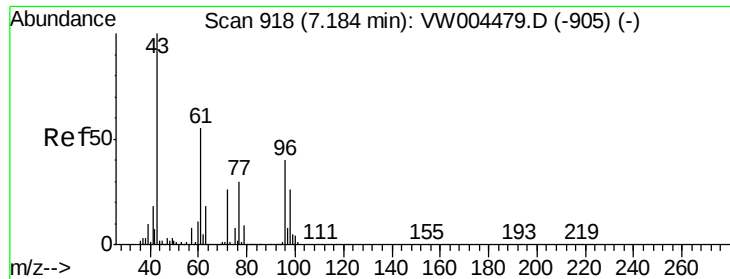
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#24
 1,1-Dichloroethane
 Concen: 74.30 ug/l
 RT: 6.21 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

Tgt Ion: 63 Resp: 1172026
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.1 9.3
 100 4.4 2.1 6.5





#25

2-Butanone

Concen: 510.69 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

Tot Ion: 43 Resp: 1228137

Ion Ratio Lower Upper

43 100

72 26.5 21.0 31.6

Instrument :

MSVOA_W

ClientSampled :

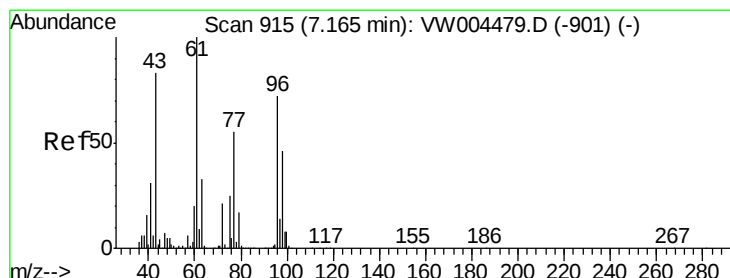
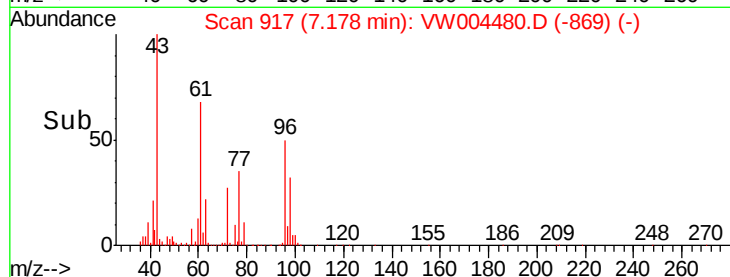
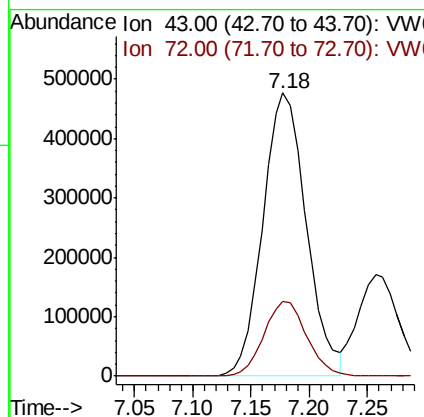
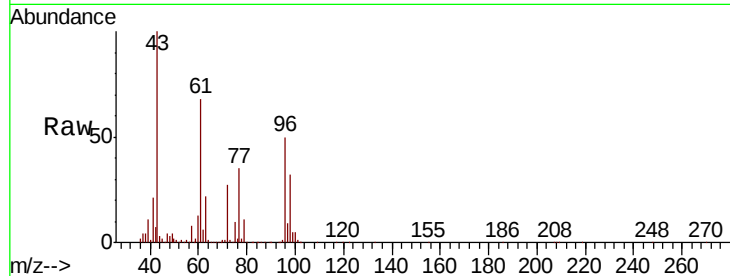
VSTDIC075

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 65.08 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW004480.D

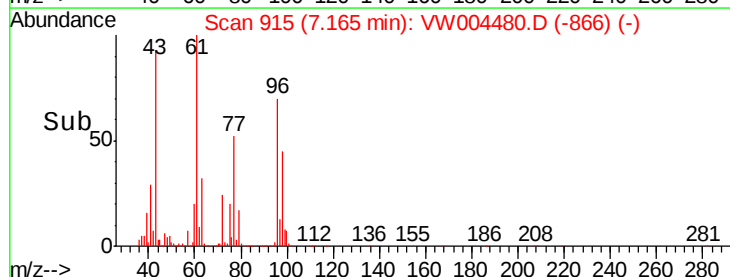
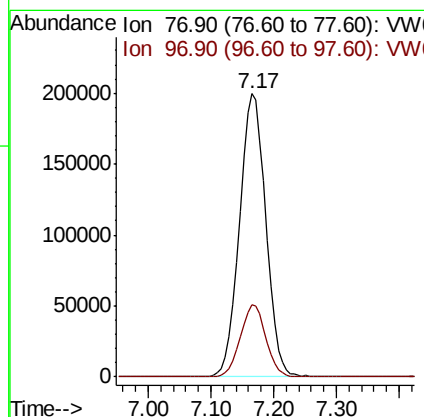
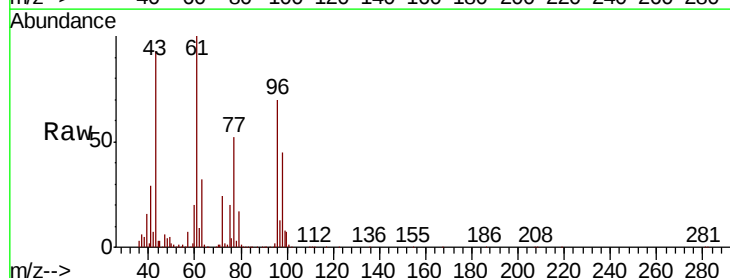
Acq: 06 Aug 2018 20:01

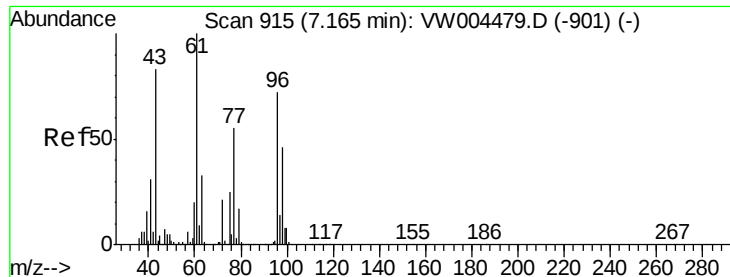
Tgt Ion: 77 Resp: 579845

Ion Ratio Lower Upper

77 100

97 24.7 12.5 37.5





#27

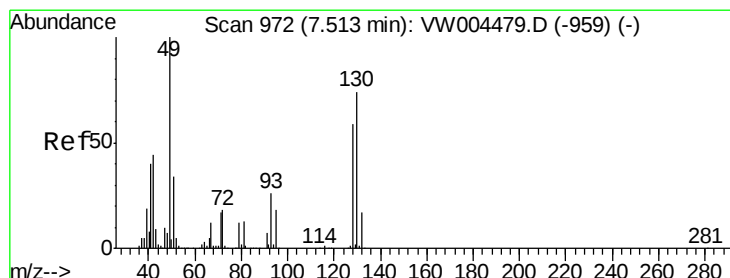
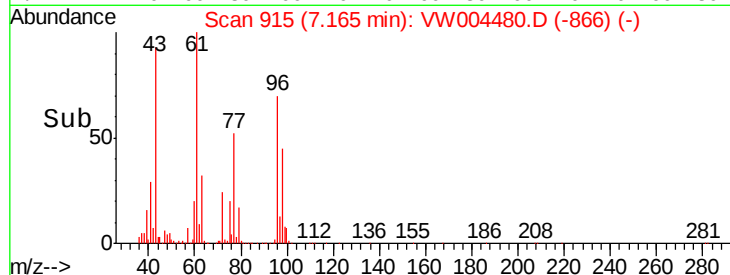
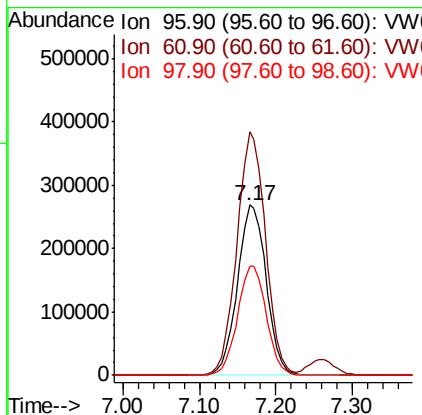
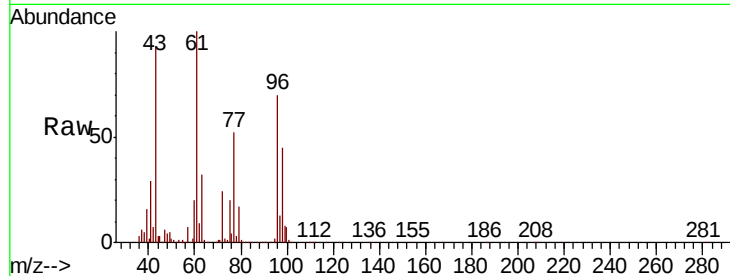
cis-1,2-Dichloroethene
 Concen: 79.53 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
96	100	702317		
61	142.0		0.0	285.0
98	64.0		0.0	128.6

Manual Integrations
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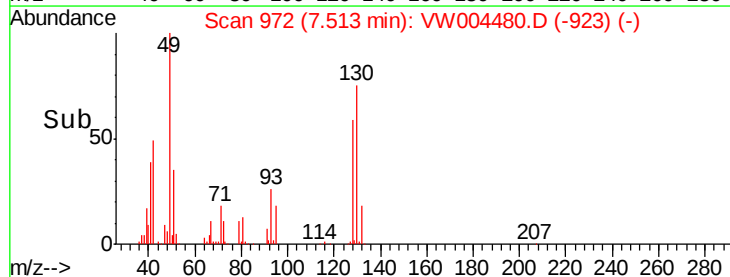
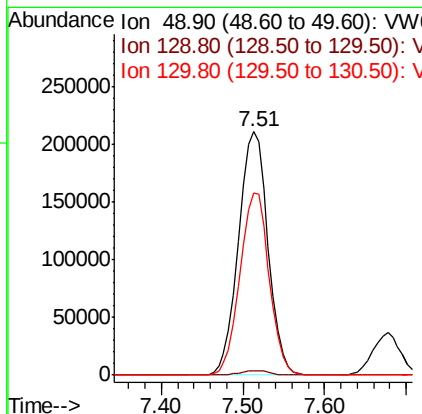
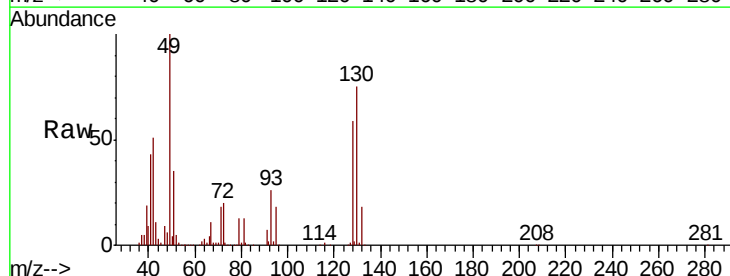
apatel
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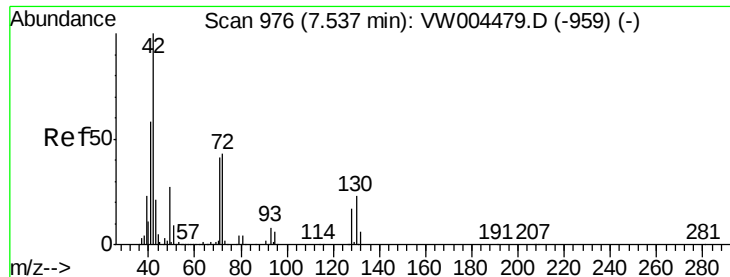


#28

Bromochloromethane
 Concen: 92.03 ug/l
 RT: 7.51 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	528047		
129	1.9		0.0	4.0
130	74.3		58.8	88.2





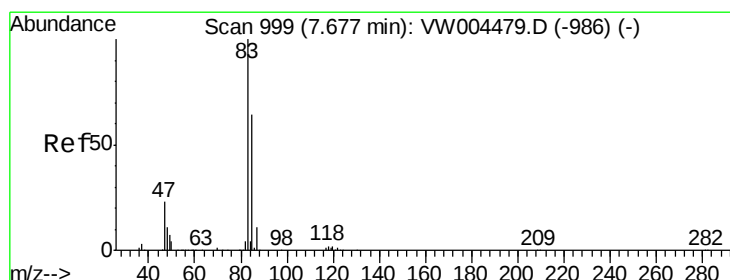
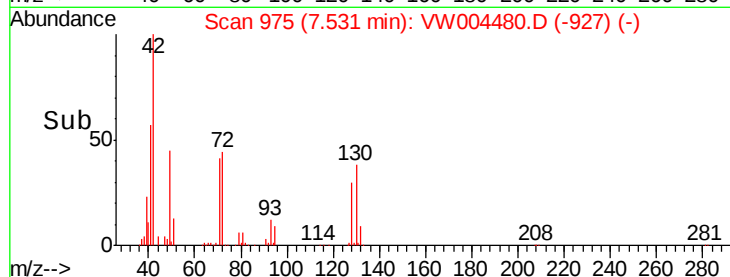
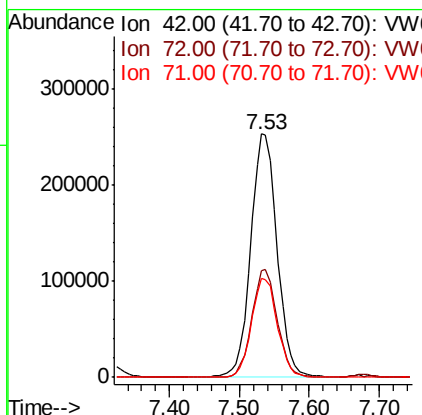
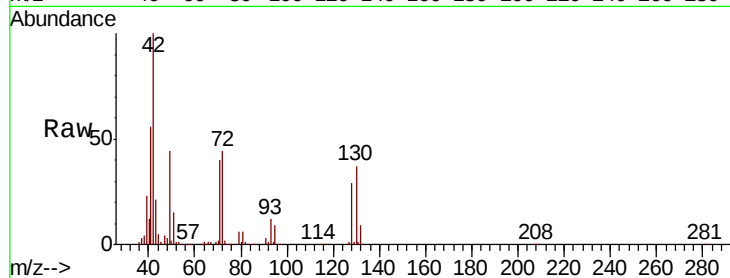
#29
Tetrahydrofuran
Concen: 446.99 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.01 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.7	34.1	51.1
71	39.9	32.5	48.7

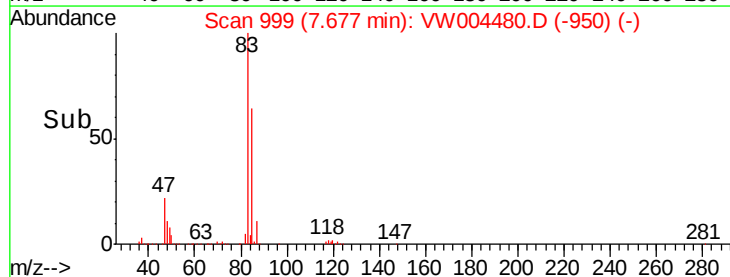
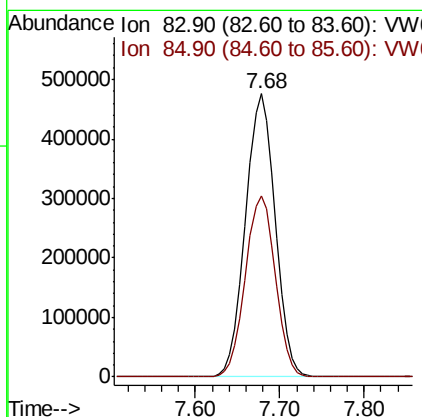
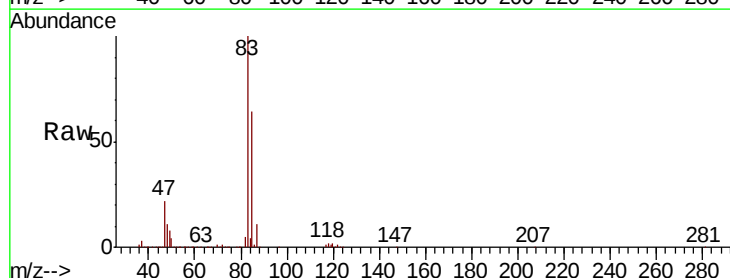
Manual Integrations
APPROVED

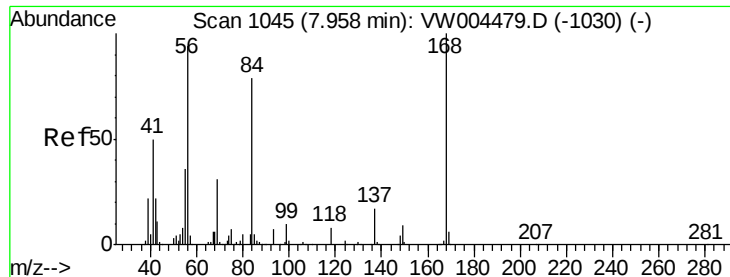
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#30
Chloroform
Concen: 75.51 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.00 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.3	76.9





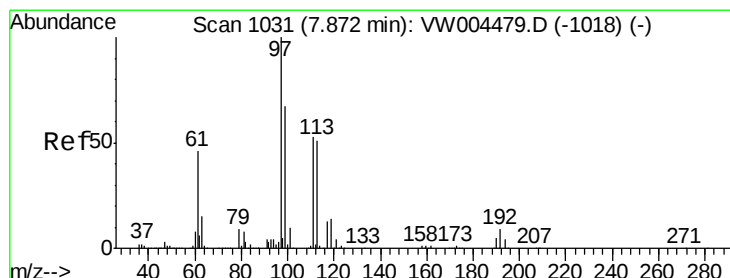
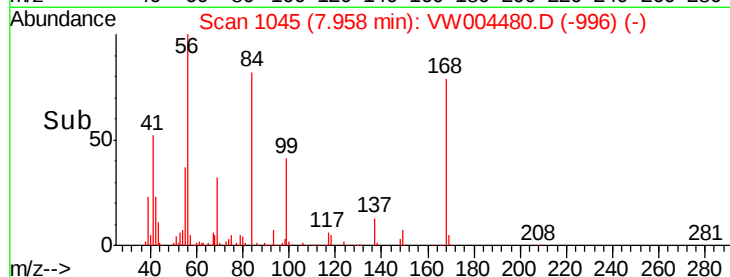
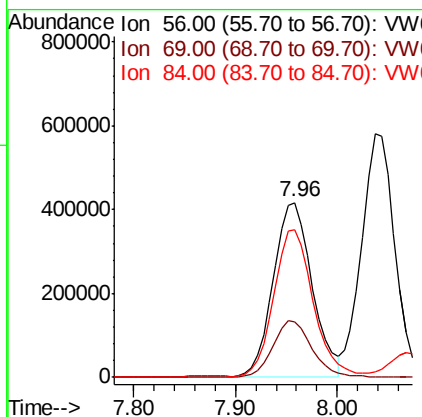
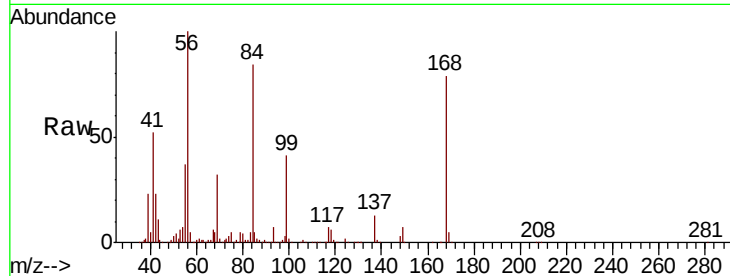
#31
Cyclohexane
Concen: 78.91 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. 0.00 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.8	26.4	39.6
84	83.5	66.9	100.3

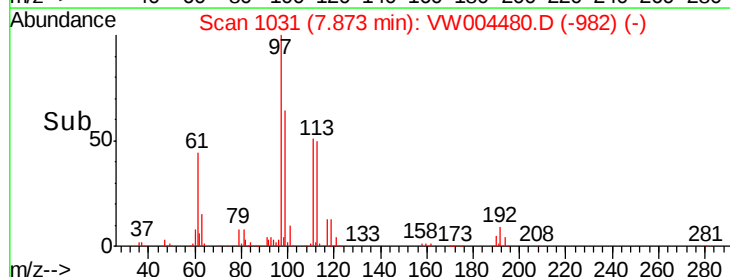
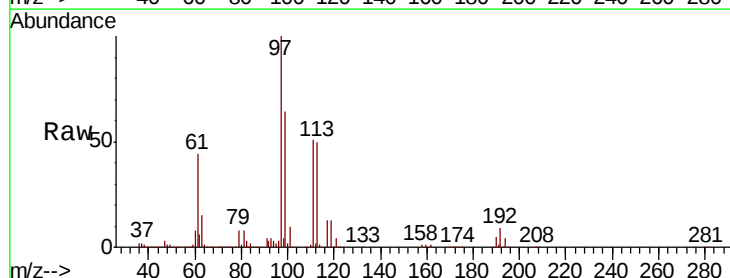
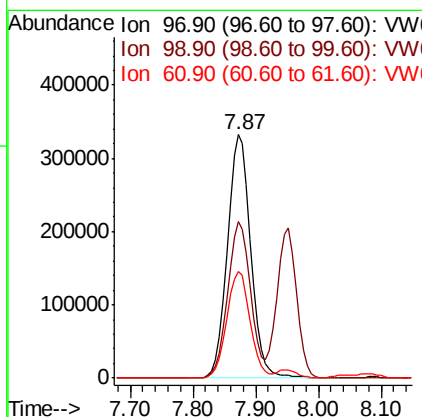
Manual Integrations
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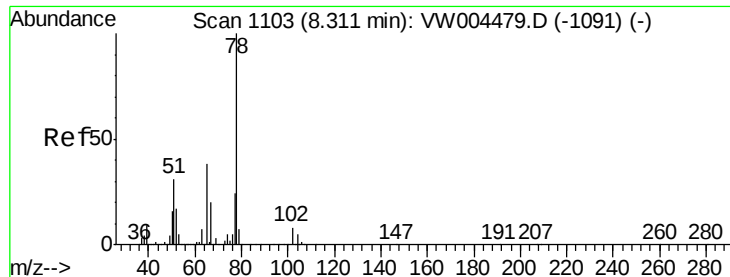
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#32
1,1,1-Trichloroethane
Concen: 69.99 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.6	77.4
61	44.1	35.7	53.5





#33

1,2-Dichloroethane-d4

Concen: 72.82 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. -0.01 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 65 Resp: 590258

Ion Ratio Lower Upper

65 100

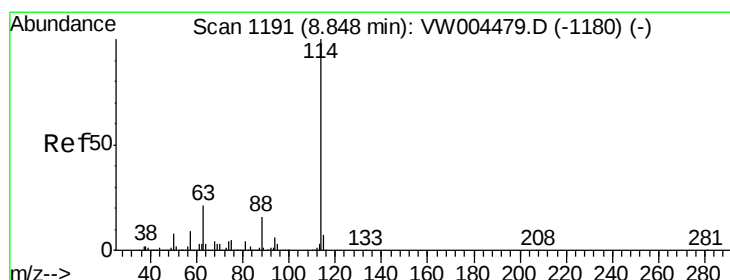
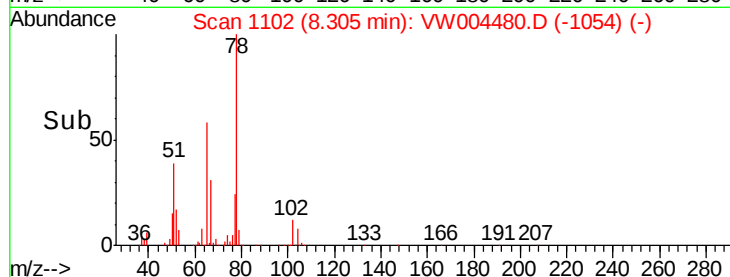
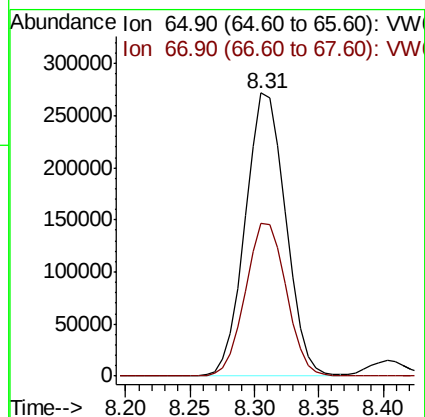
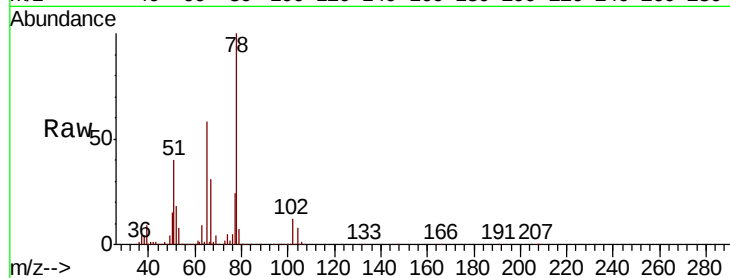
67 54.7 0.0 109.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

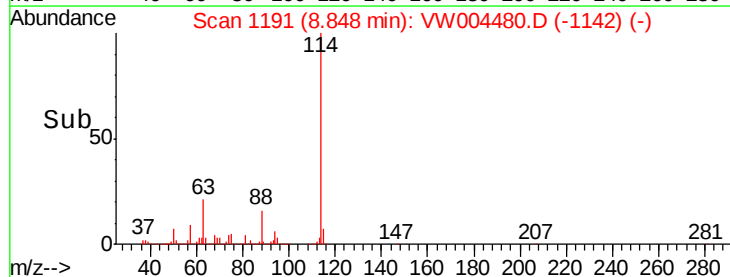
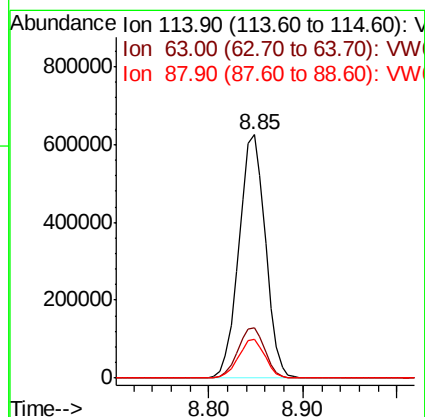
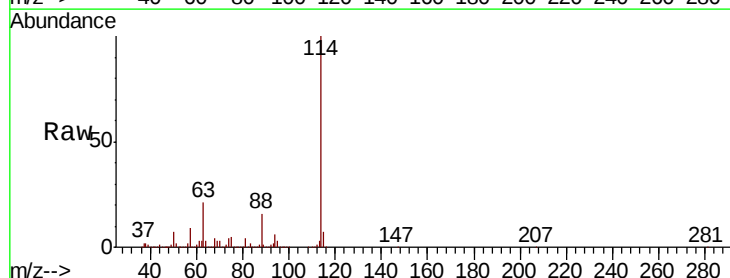
Tgt Ion: 114 Resp: 1223896

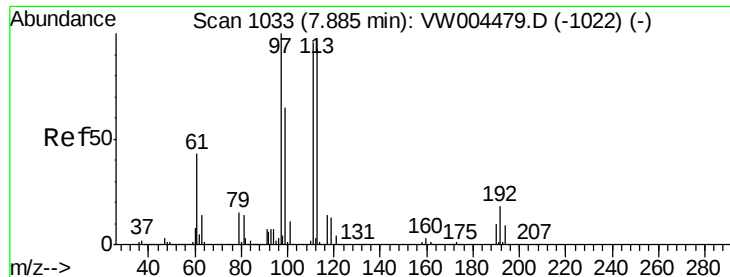
Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.4

88 15.9 0.0 31.2





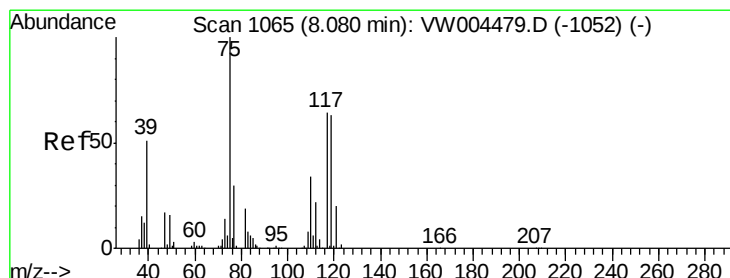
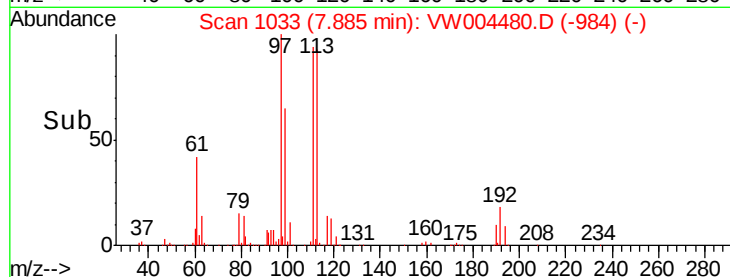
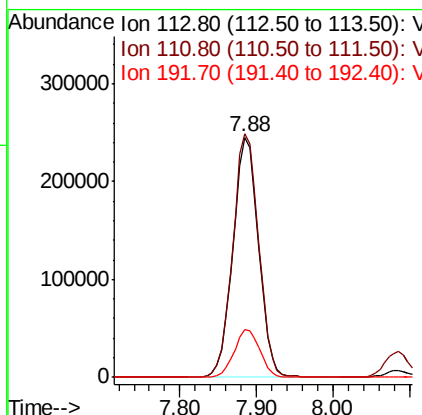
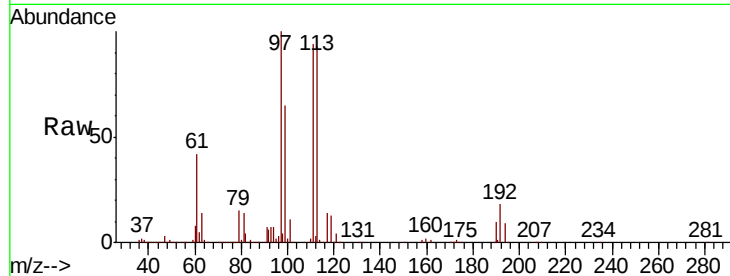
#35
 Dibromofluoromethane
 Concen: 72.58 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.9	124.3
192	20.0	15.8	23.6

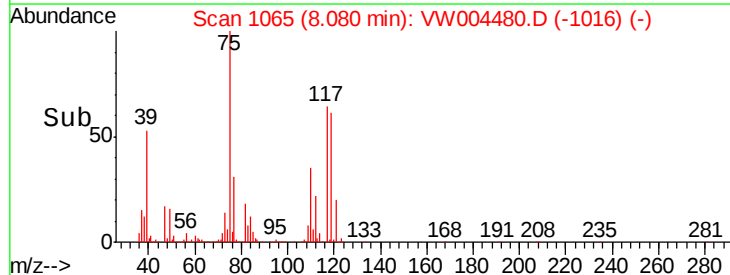
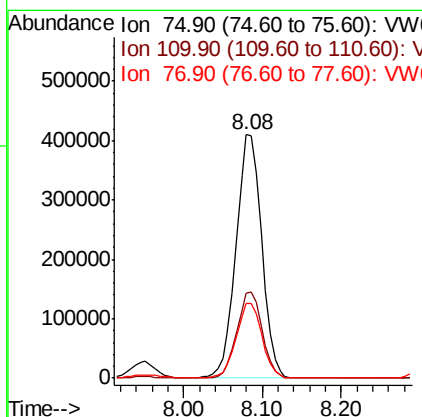
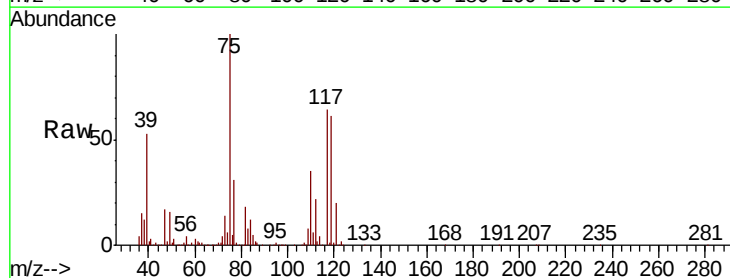
Manual Integrations
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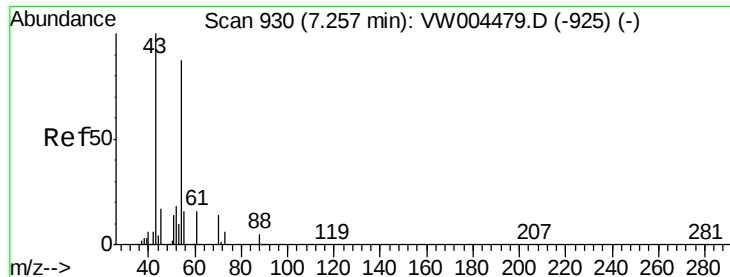
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#36
 1,1-Dichloropropene
 Concen: 75.28 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.7	17.4	52.2
77	31.0	24.7	37.1





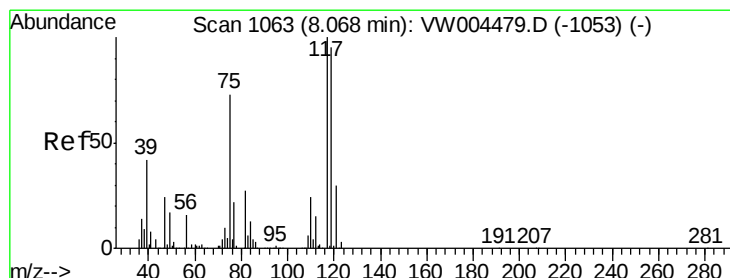
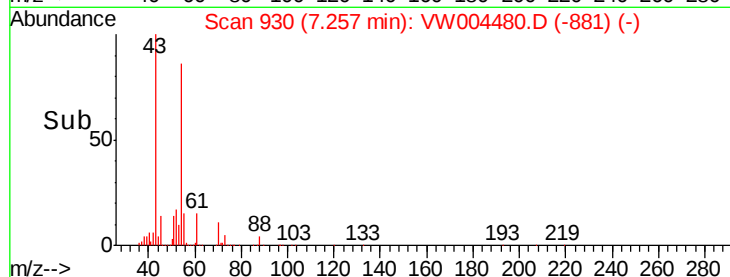
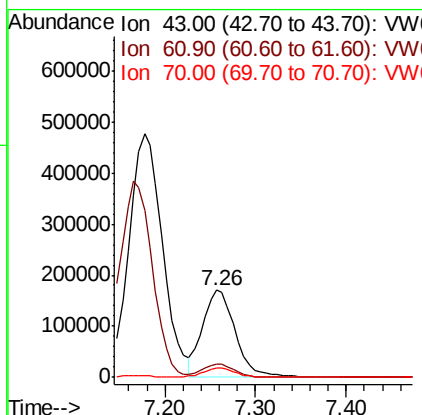
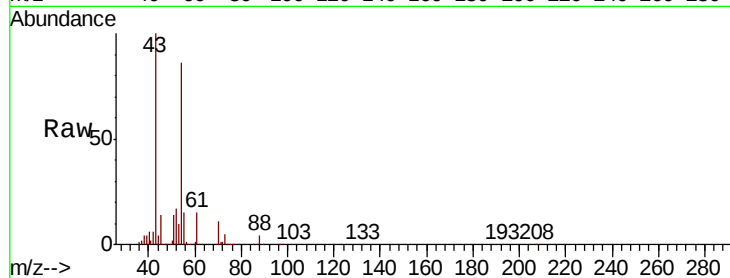
#37
Ethyl Acetate
Concen: 83.34 ug/l
RT: 7.26 min Scan# 930
Delta R.T. 0.00 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.9	17.9
70	10.7	8.2	12.4

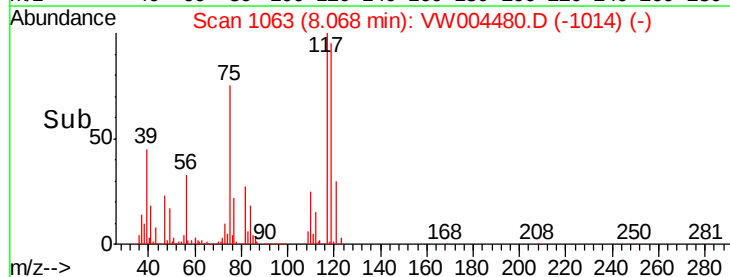
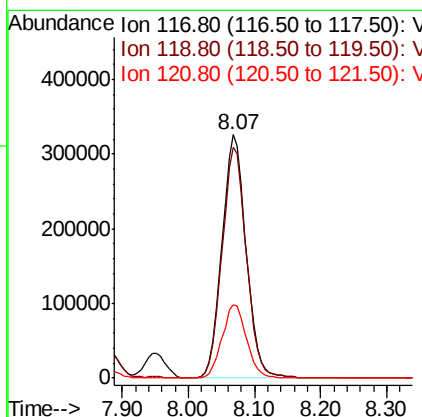
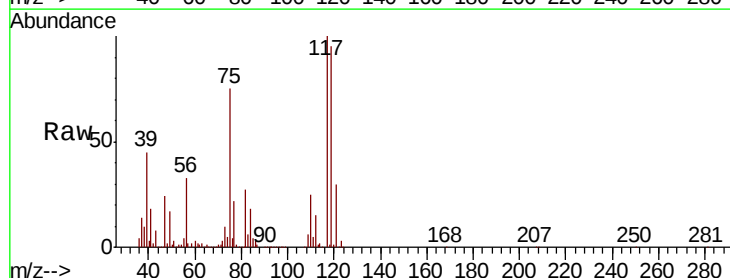
Manual Integrations
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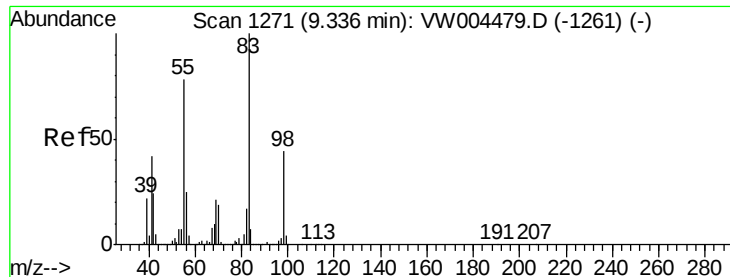
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#38
Carbon Tetrachloride
Concen: 68.04 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	76.1	114.1
121	30.3	24.2	36.4





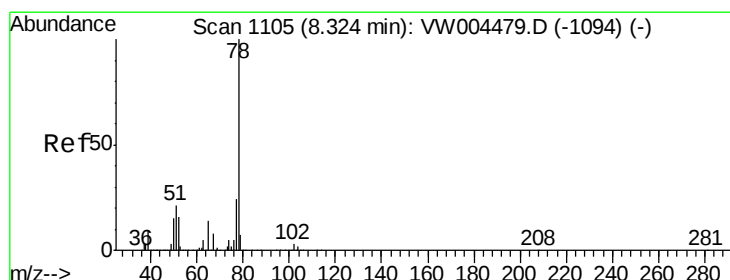
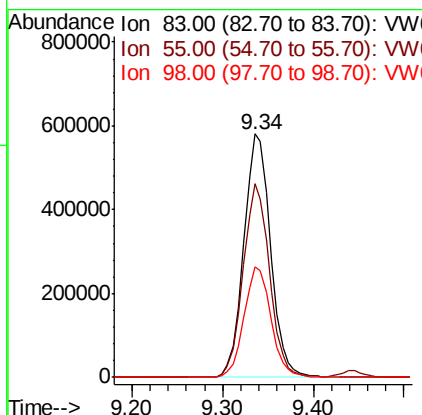
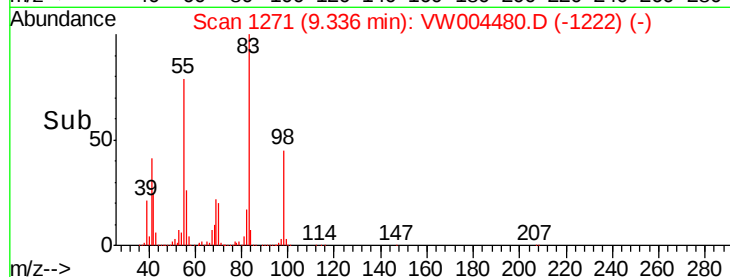
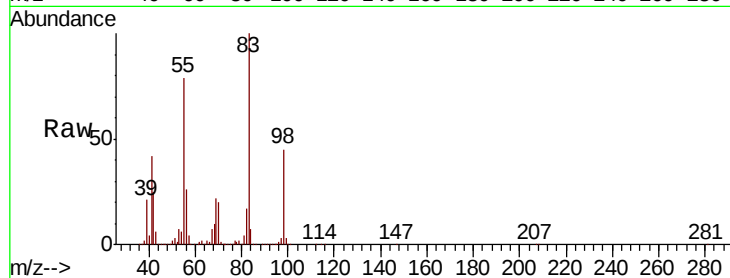
#39
Methvlcvclohexane
Concen: 79.00 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.3	62.5	93.7
98	45.3	35.4	53.2

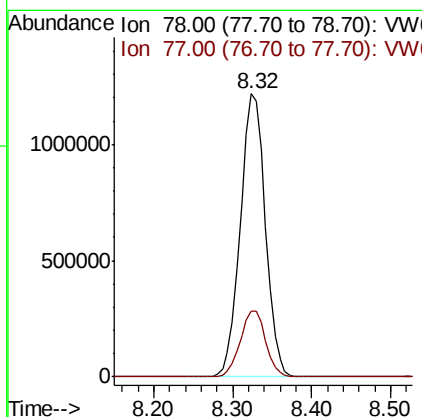
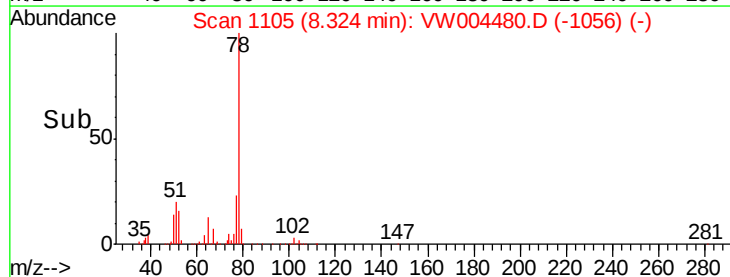
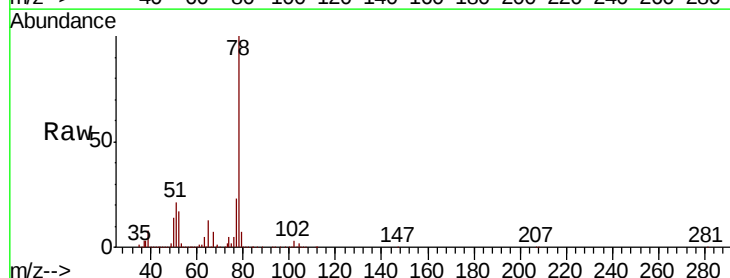
Manual Integrations
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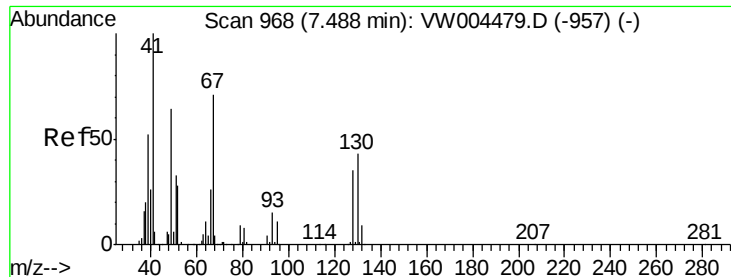
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#40
Benzene
Concen: 76.81 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.0	28.6





#41

Methacrylonitrile

Concen: 85.76 ug/l

RT: 7.49 min Scan# 968

Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.2	46.2	69.2	
67	72.8	60.8	91.2	
52	29.3	23.8	35.6	

Instrument :

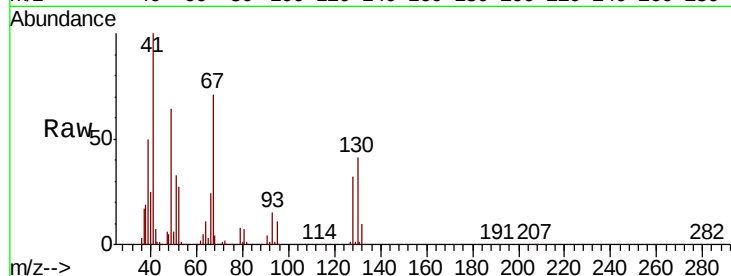
MSVOA_W

ClientSampled :

VSTDIC075

Manual Integrations
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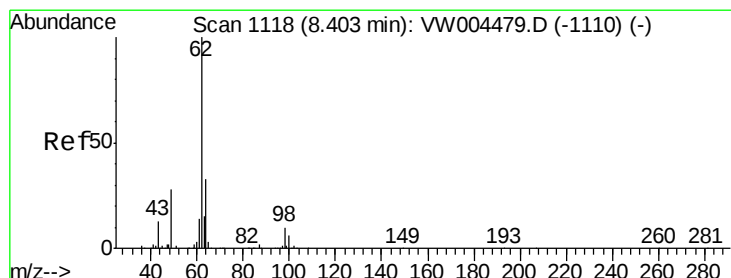
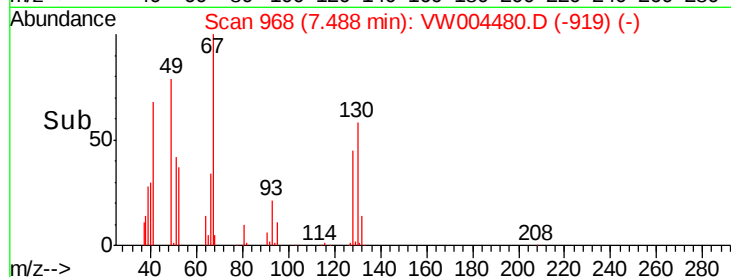
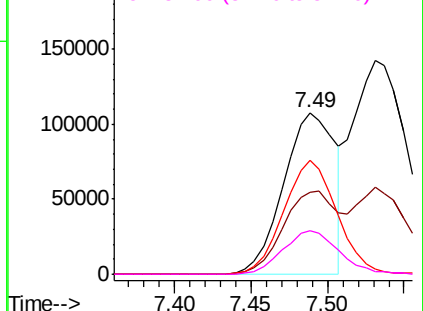
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 72.90 ug/l

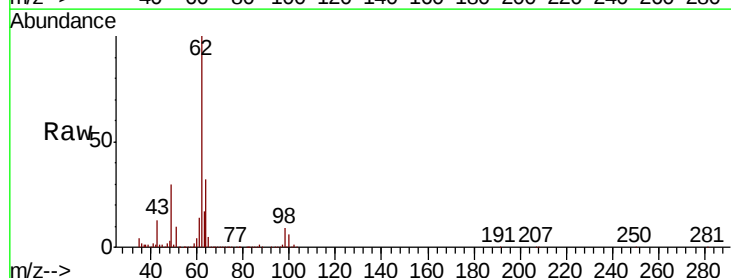
RT: 8.40 min Scan# 1118

Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

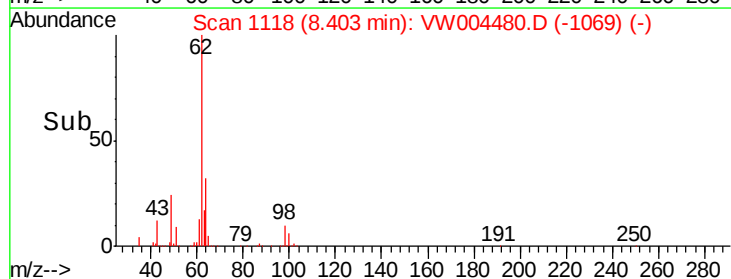
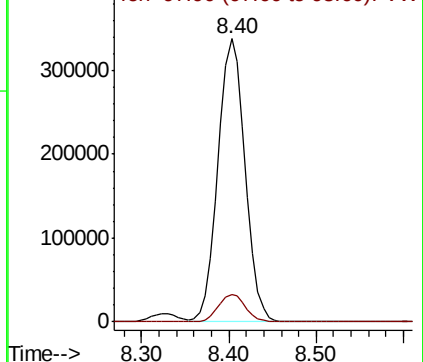
Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.7	0.0	19.6	

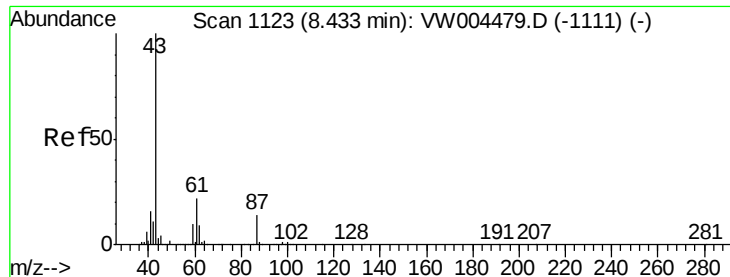


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 84.48 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

Instrument :

MSVOA_W

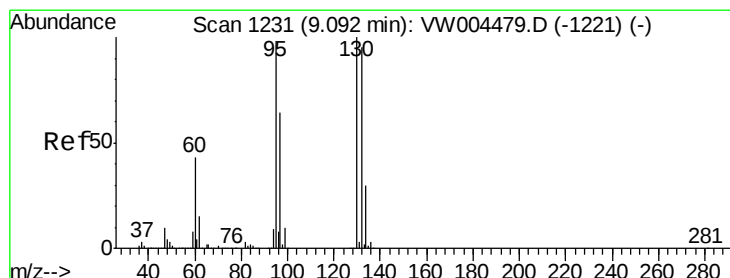
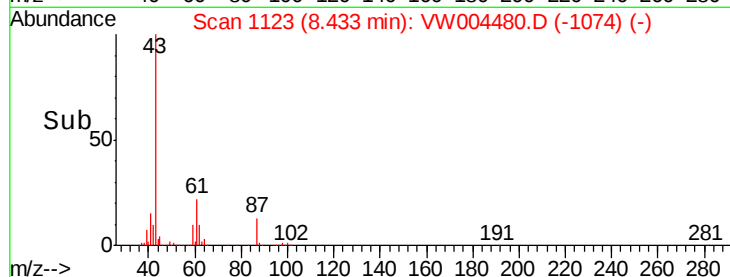
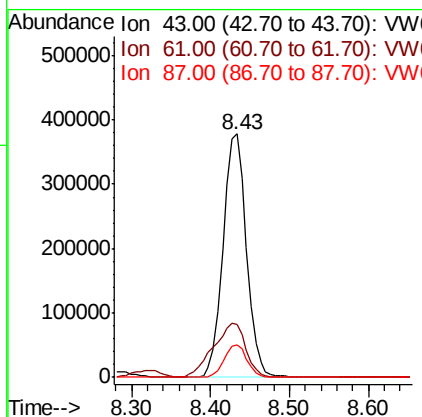
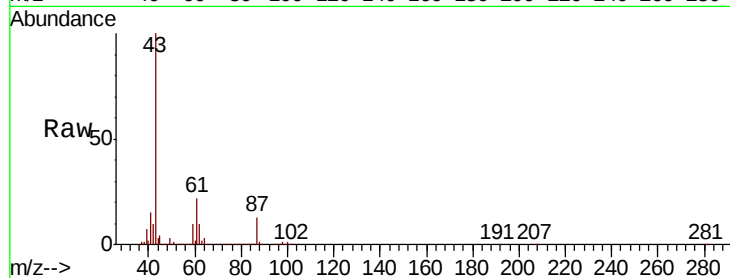
ClientSampleId :

VSTDIC075

Tot Ion:	43	Resp:	778692
Ion	Ratio	Lower	Upper
43	100		
61	30.7	25.2	37.8
87	13.2	10.6	16.0

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#44

Trichloroethene

Concen: 71.00 ug/l

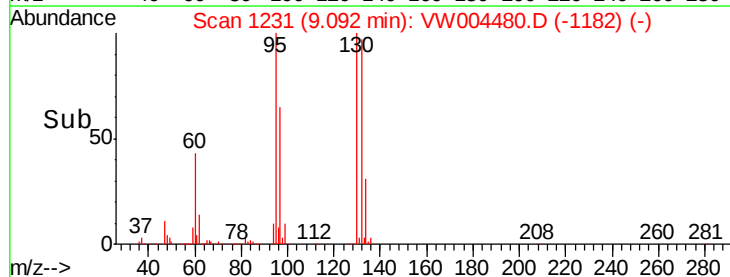
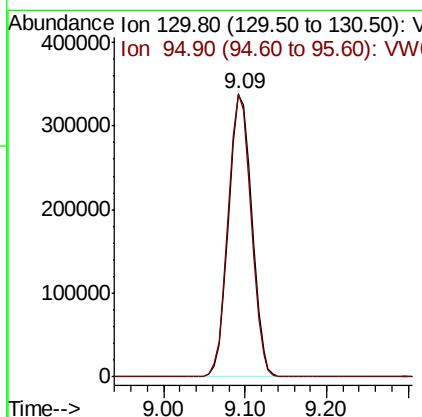
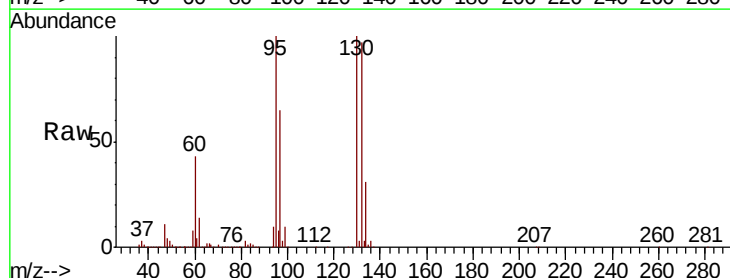
RT: 9.09 min Scan# 1231

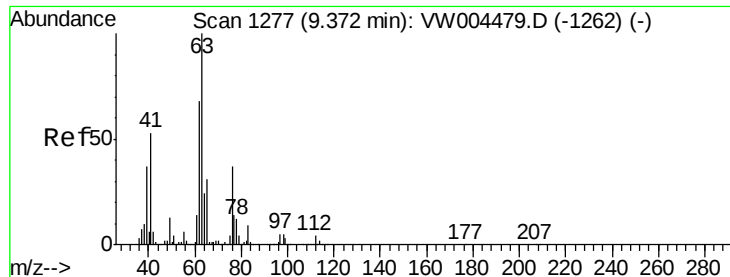
Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

Tgt Ion:	130	Resp:	663578
Ion	Ratio	Lower	Upper
130	100		
95	100.3	0.0	196.2





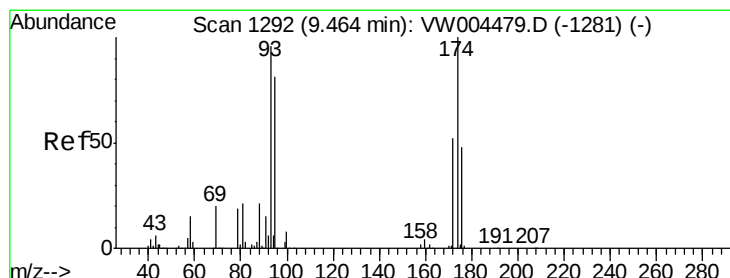
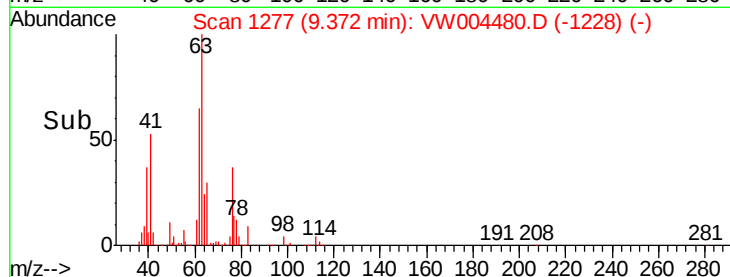
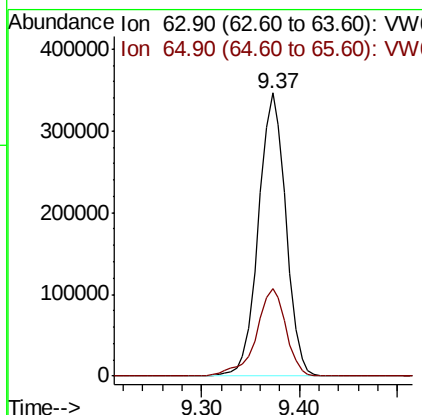
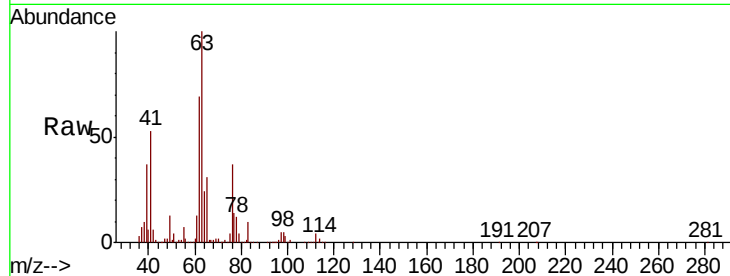
#45
 1,2-Dichloropropane
 Concen: 77.99 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.9	24.5	36.7

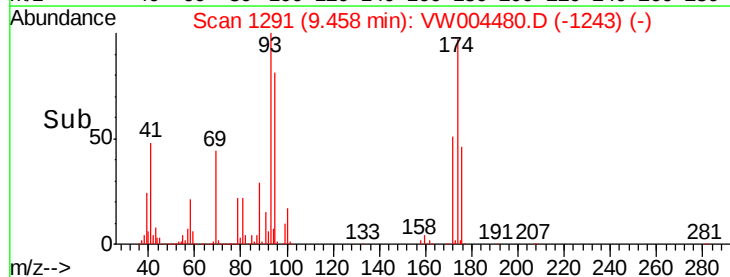
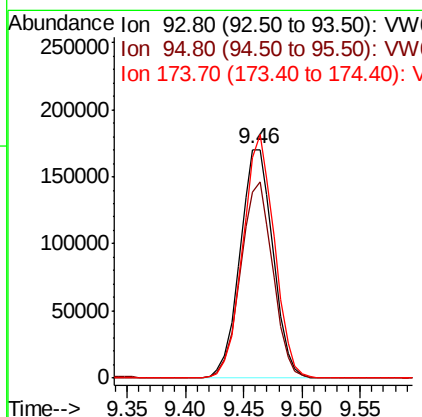
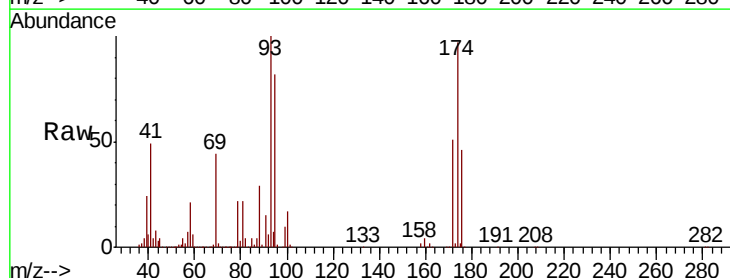
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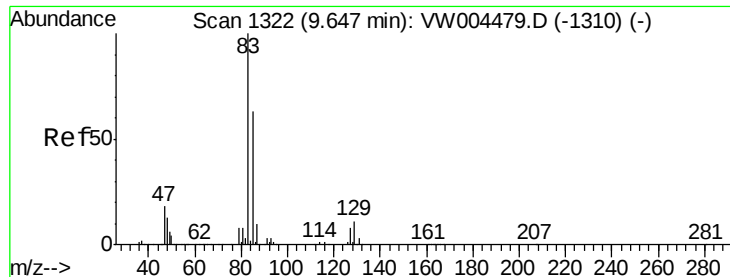
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#46
 Dibromomethane
 Concen: 75.91 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.6	67.0	100.4
174	101.7	80.2	120.4





#47

Bromodichloromethane

Concen: 72.52 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

Instrument :

MSVOA_W

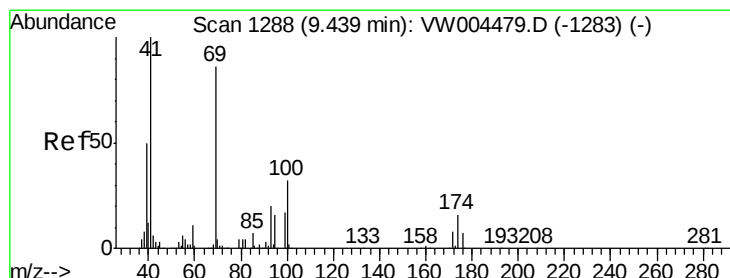
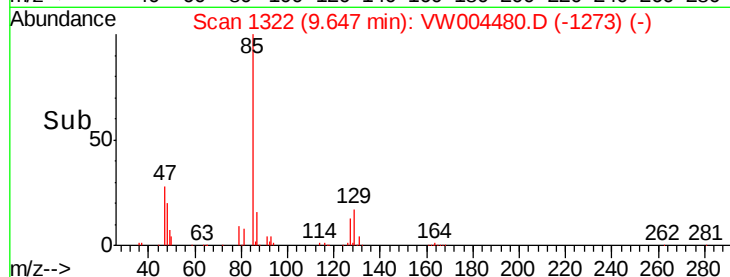
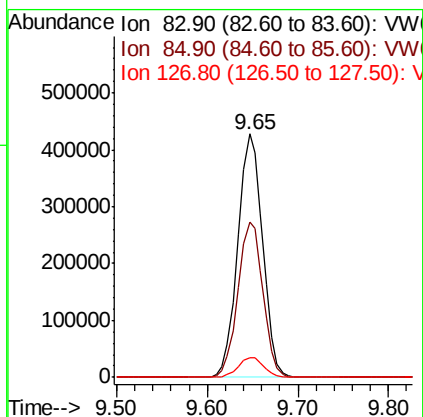
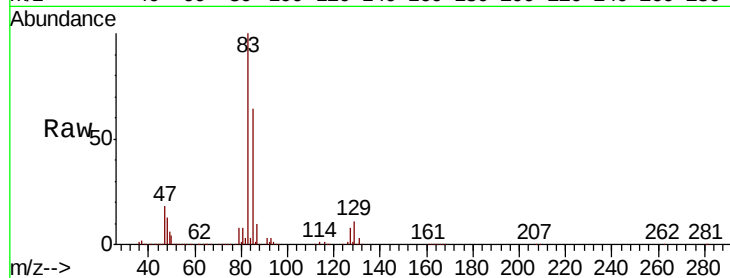
ClientSampled :

VSTDIC075

Tot Ion:	83	Resp:	807424
Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.7	76.1
127	8.3	6.5	9.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 79.88 ug/l

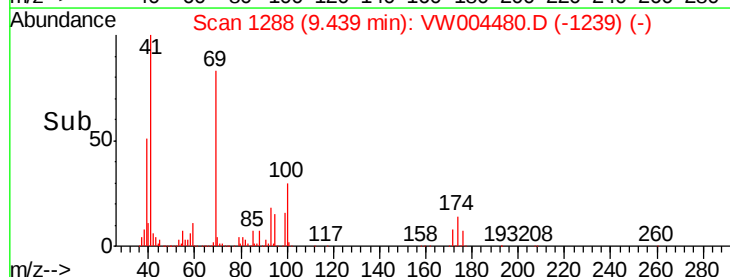
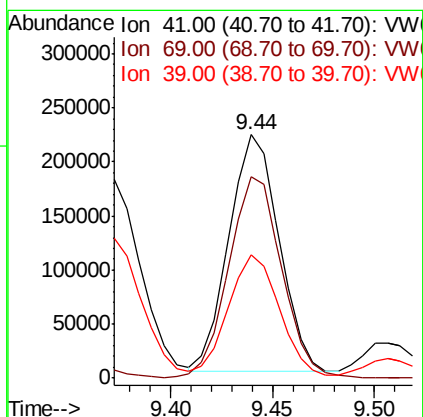
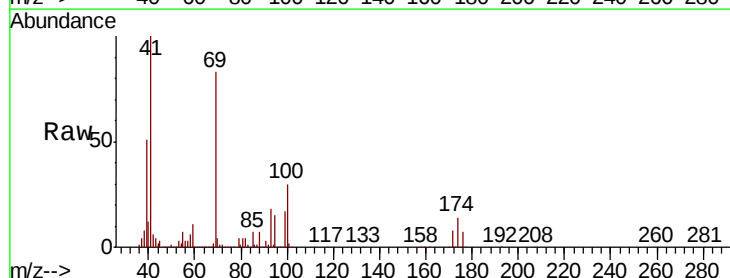
RT: 9.44 min Scan# 1288

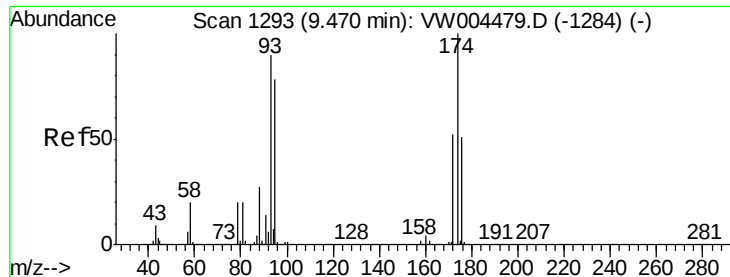
Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

Tgt Ion:	41	Resp:	371966
Ion	Ratio	Lower	Upper
41	100		
69	90.3	73.2	109.8
39	50.8	40.6	60.8





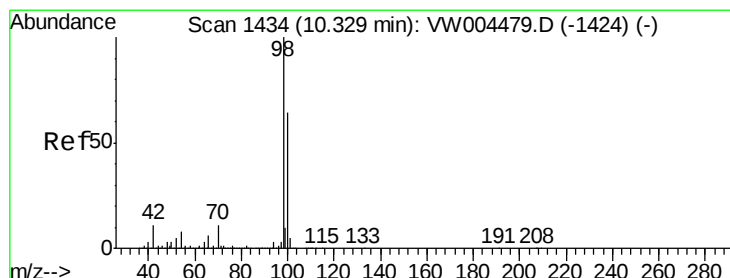
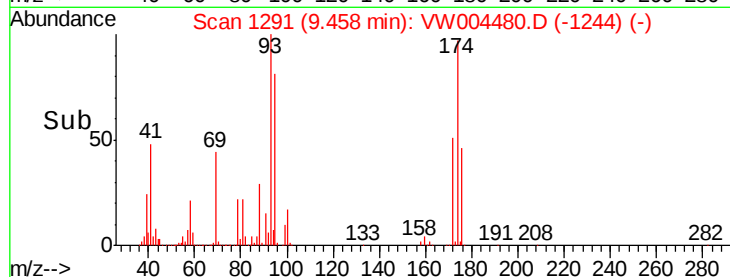
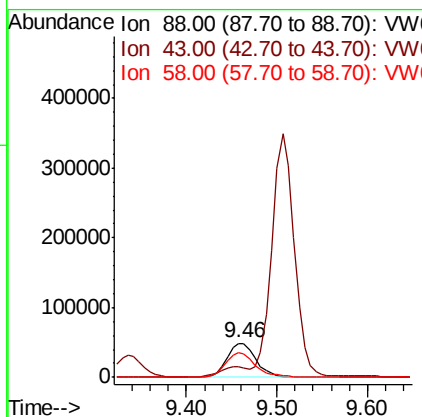
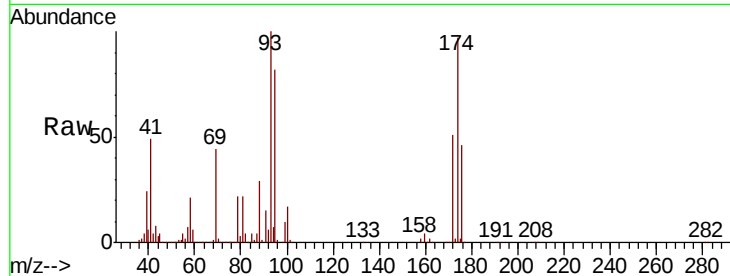
#49
1,4-Dioxane
Concen: 1624.88 ug/l
RT: 9.46 min Scan# 1291
Delta R.T. -0.01 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.8	0.0	0.0#
58	76.0	63.5	95.3

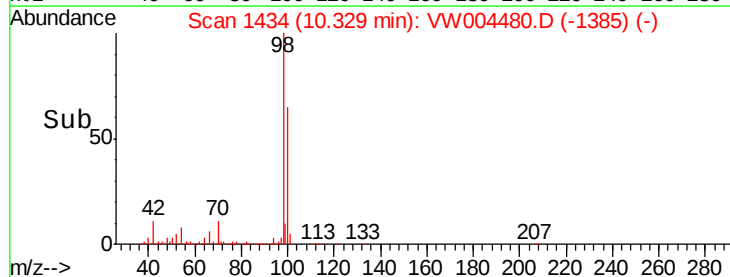
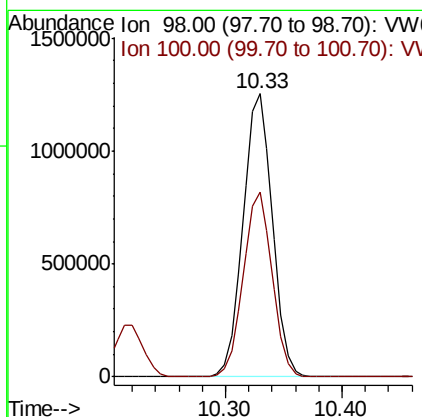
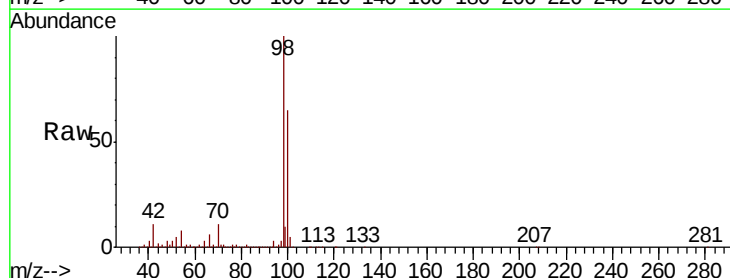
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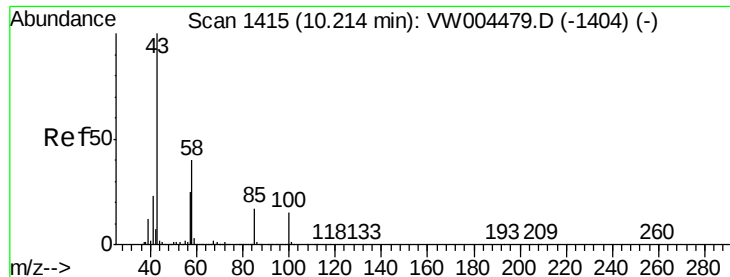
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#50
Toluene-d8
Concen: 71.72 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.4	77.2





#51

4-Methyl-2-Pentanone

Concen: 505.43 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 43 Resp: 2712699

Ion Ratio Lower Upper

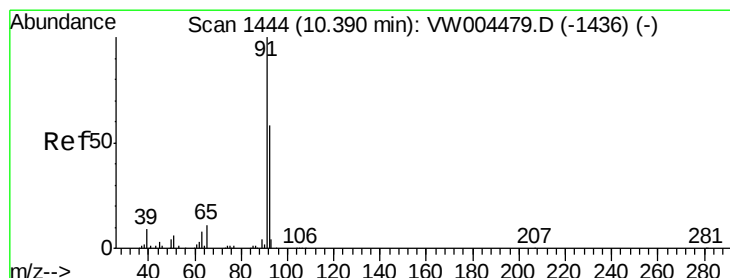
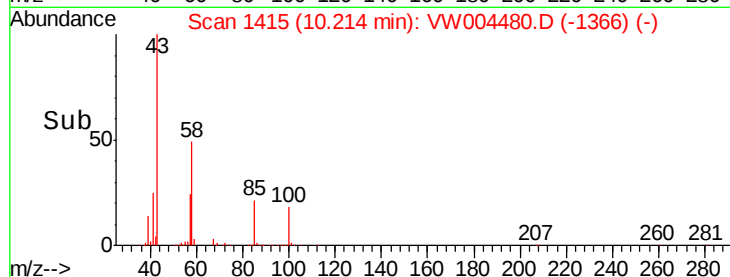
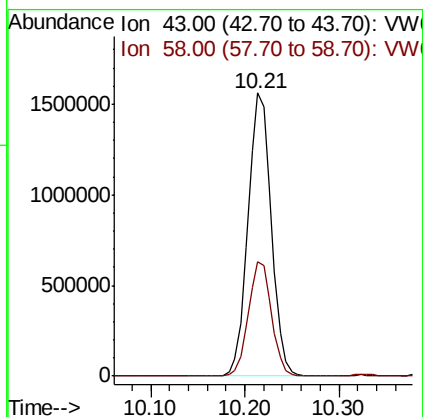
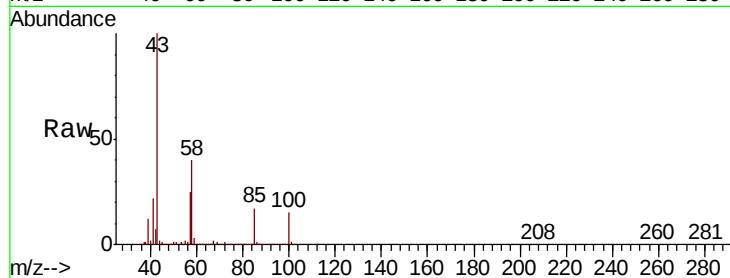
43 100

58 40.1 31.9 47.9

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#52

Toluene

Concen: 73.72 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW004480.D

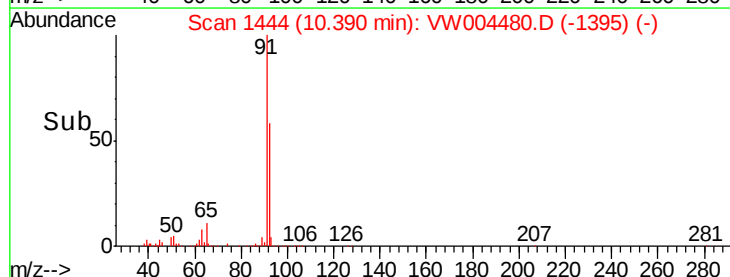
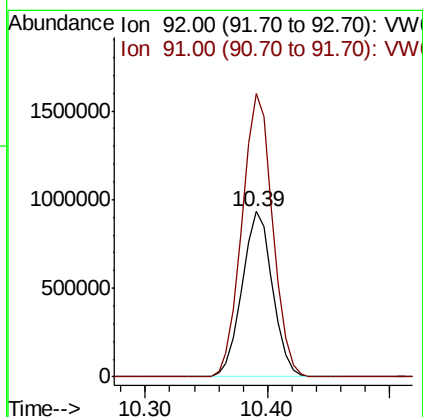
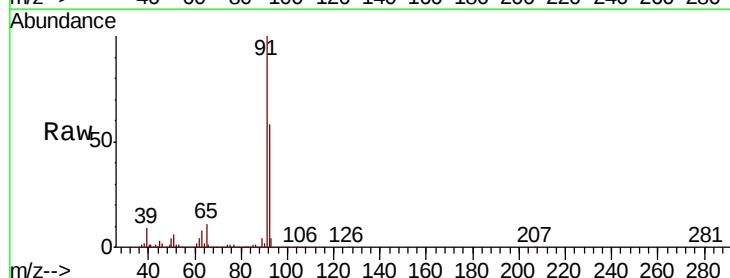
Acq: 06 Aug 2018 20:01

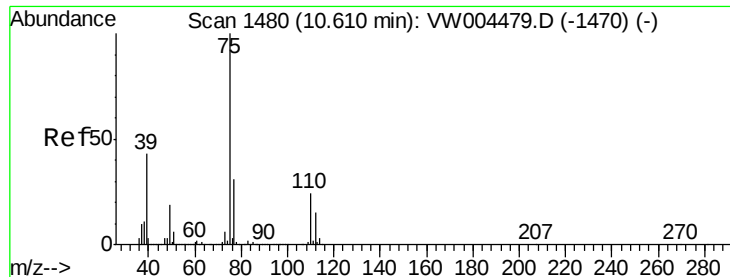
Tgt Ion: 92 Resp: 1608338

Ion Ratio Lower Upper

92 100

91 172.8 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 74.56 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 75 Resp: 831432

Ion Ratio Lower Upper

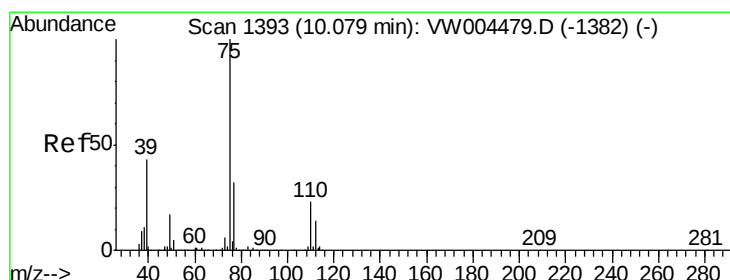
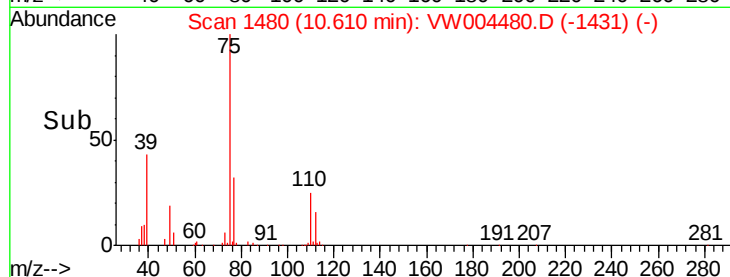
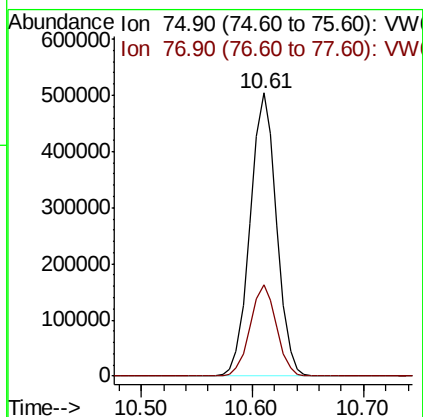
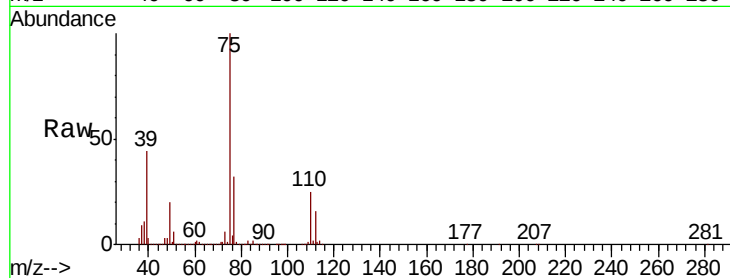
75 100

77 32.3 25.1 37.7

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#54

cis-1,3-Dichloropropene

Concen: 75.29 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

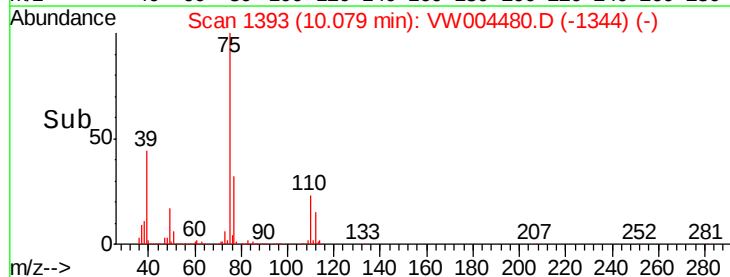
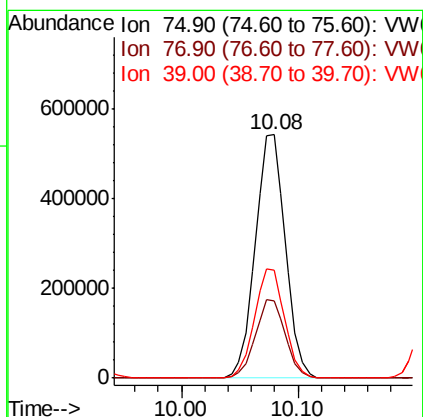
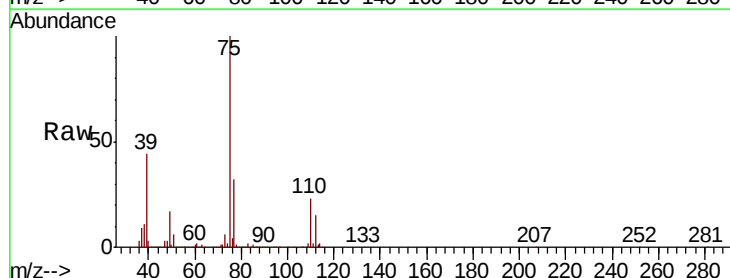
Tgt Ion: 75 Resp: 979460

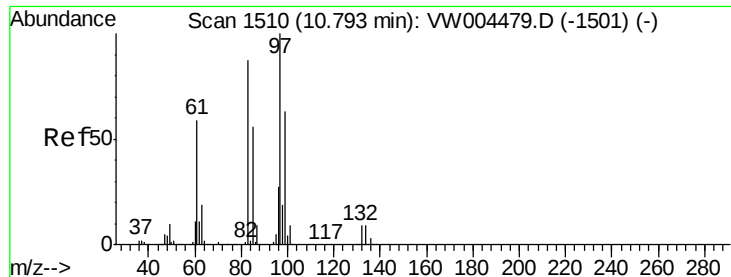
Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9

39 44.0 34.5 51.7





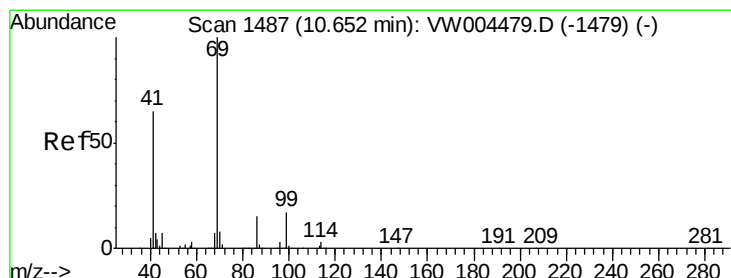
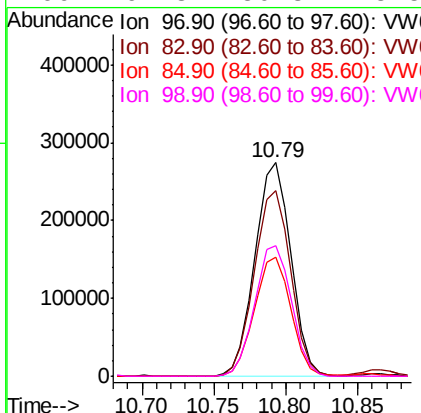
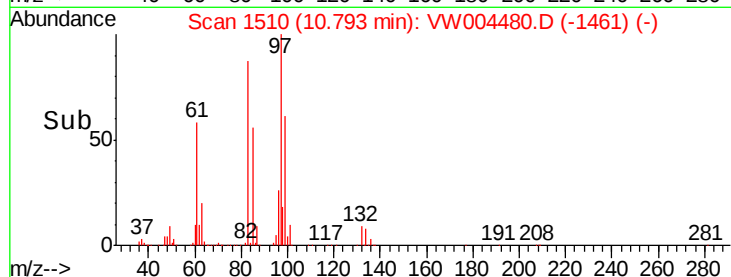
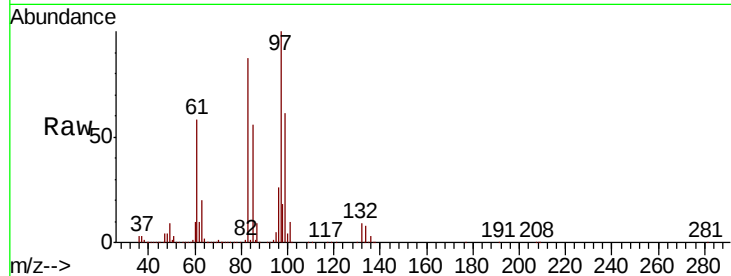
#55
 1,1,2-Trichloroethane
 Concen: 74.95 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		473327		
83	87.0	69.8	104.8		
85	55.7	45.1	67.7		
99	61.3	50.3	75.5		

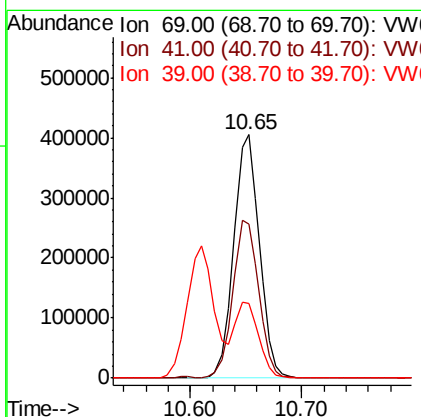
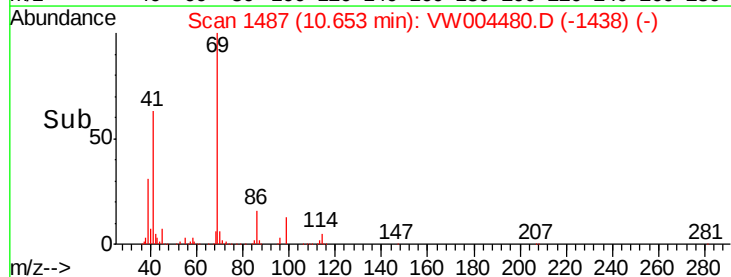
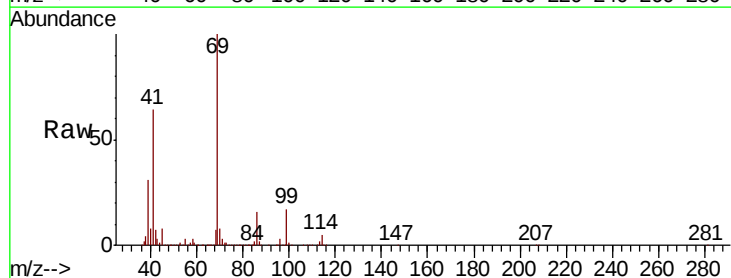
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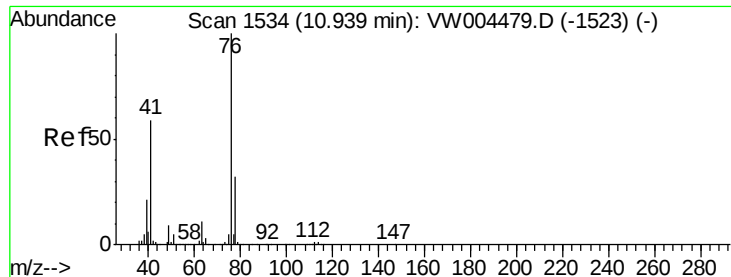
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#56
 Ethyl methacrylate
 Concen: 83.79 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		643257		
41	65.4	52.4	78.6		
39	28.8	22.7	34.1		





#57

1,3-Dichloropropane

Concen: 77.41 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

Tot Ion: 76 Resp: 835689

Ion Ratio Lower Upper

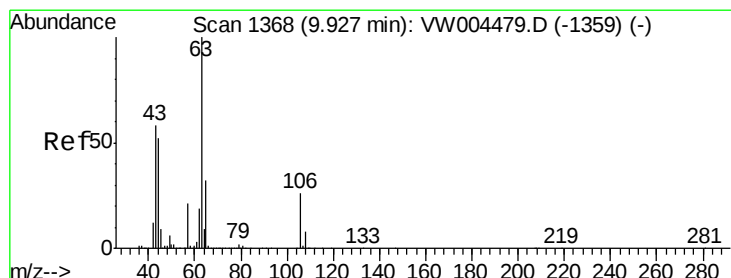
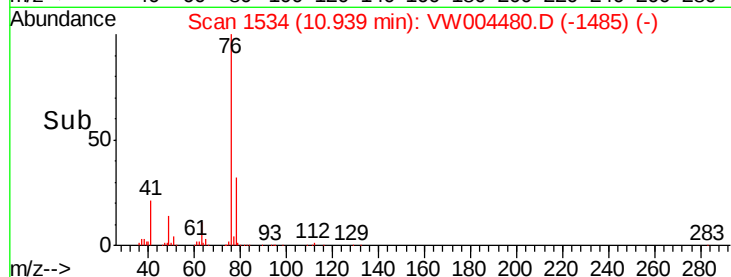
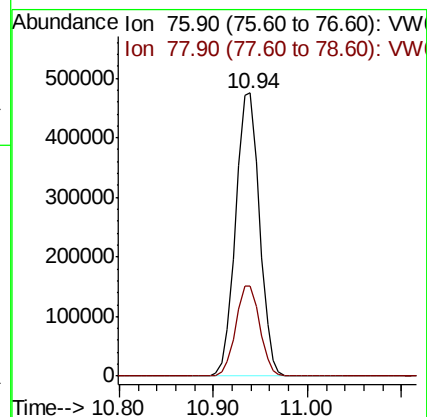
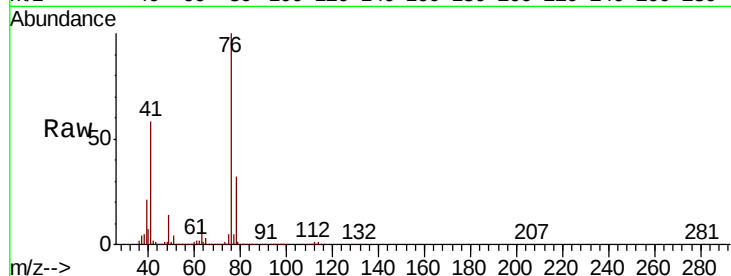
76 100

78 32.2 25.7 38.5

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#58

2-Chloroethyl Vinyl ether

Concen: 440.63 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VW004480.D

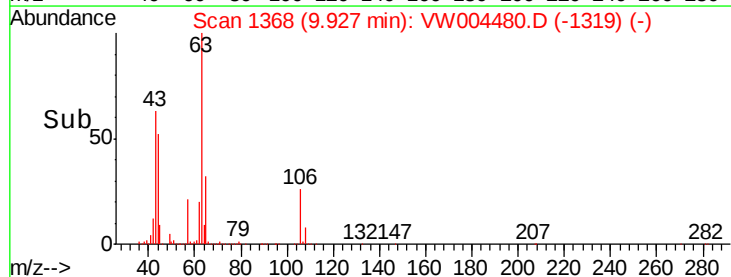
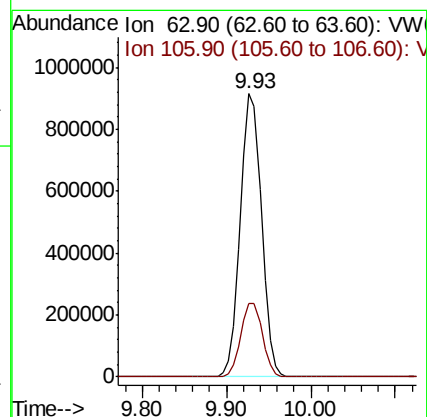
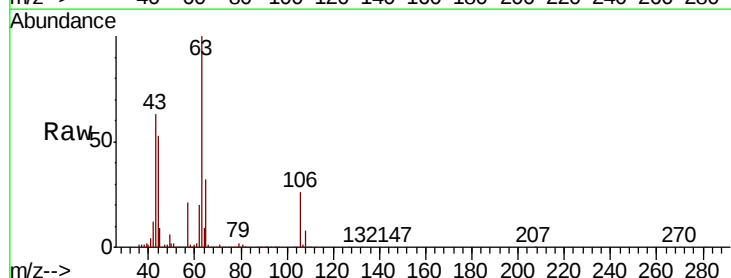
Acq: 06 Aug 2018 20:01

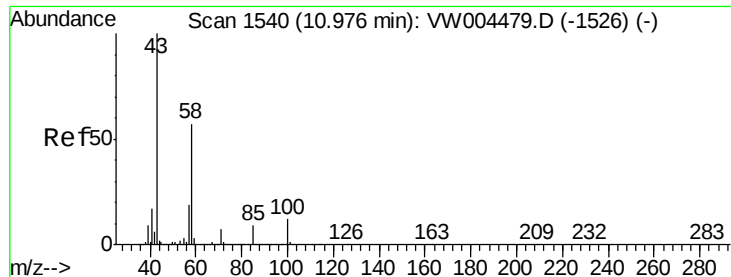
Tgt Ion: 63 Resp: 1548168

Ion Ratio Lower Upper

63 100

106 26.6 21.3 31.9





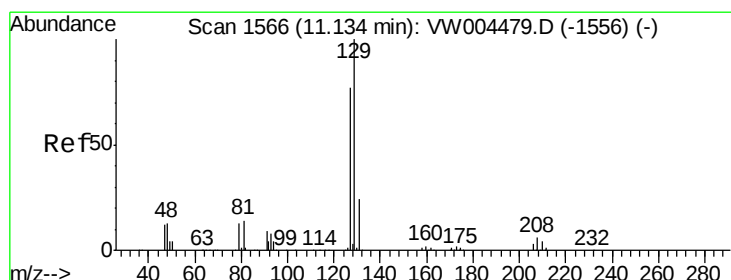
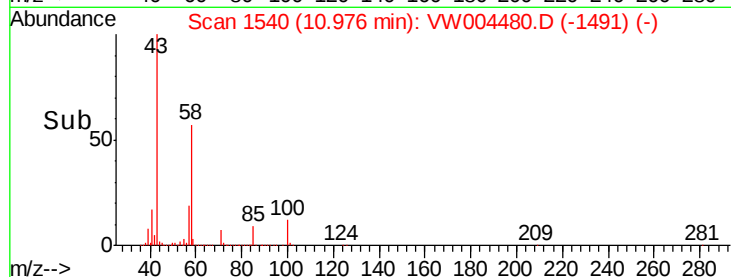
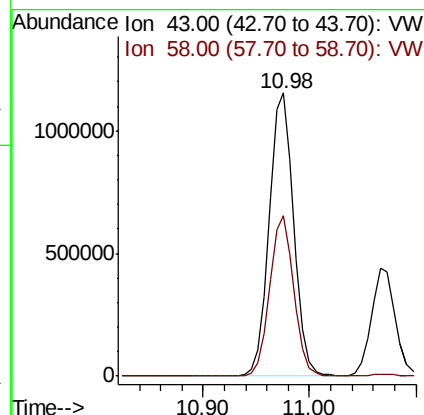
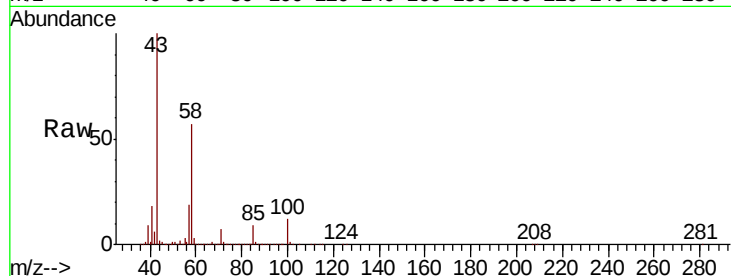
#59
2-Hexanone
Concen: 505.34 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion: 43 Resp: 1856153
Ion Ratio Lower Upper
43 100
58 55.7 27.9 83.6

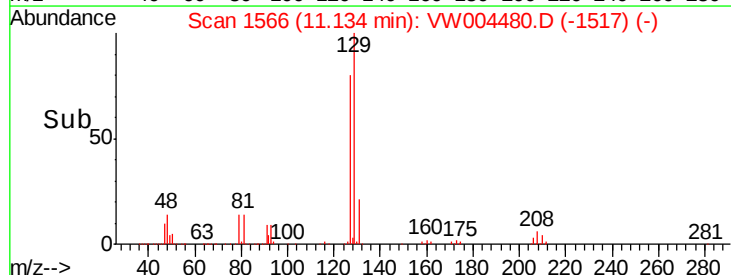
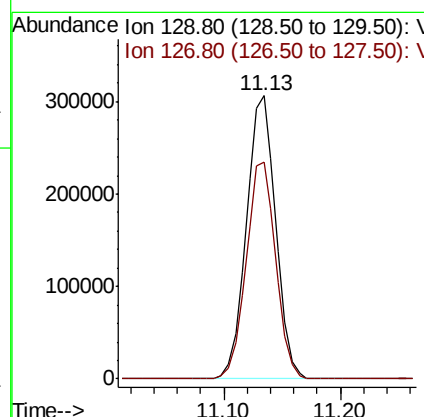
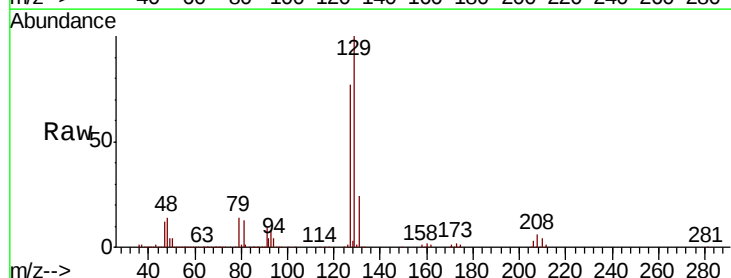
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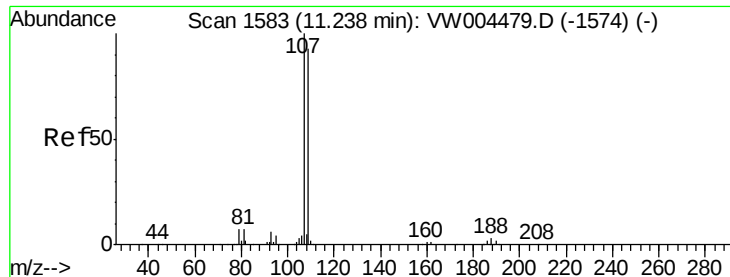
apatel
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#60
Dibromochloromethane
Concen: 71.50 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

Tgt Ion: 129 Resp: 536112
Ion Ratio Lower Upper
129 100
127 77.3 38.6 115.8





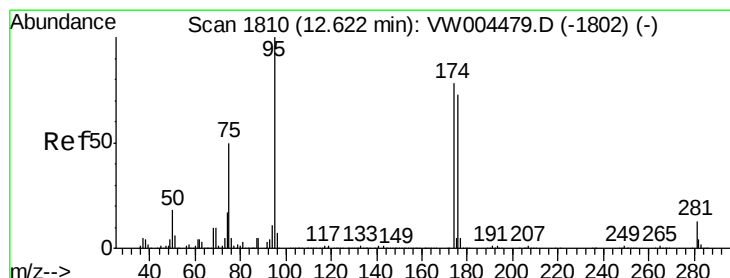
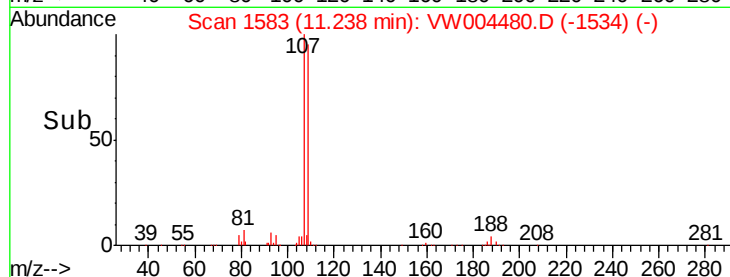
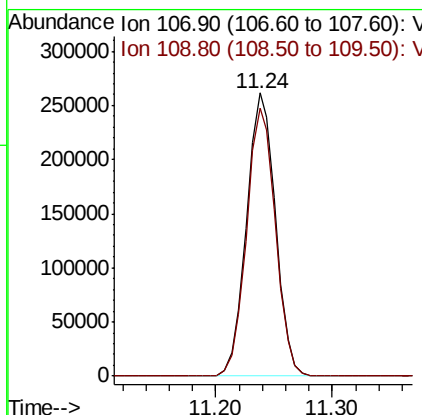
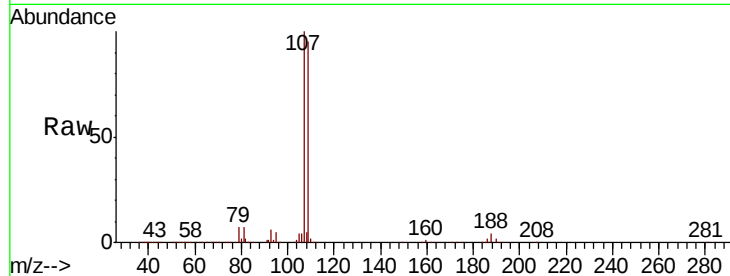
#61
 1,2-Dibromoethane
 Concen: 75.03 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.7	75.7	113.5

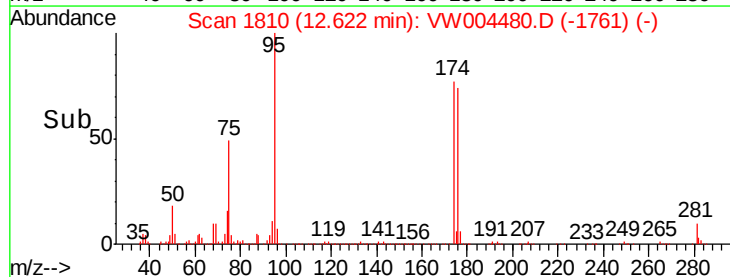
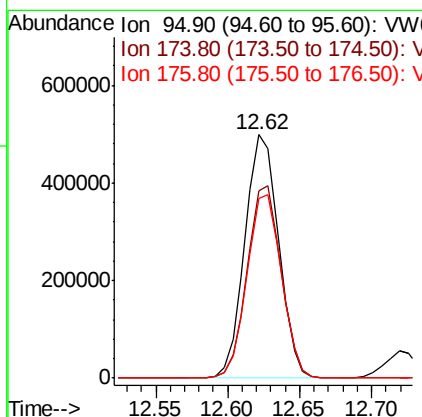
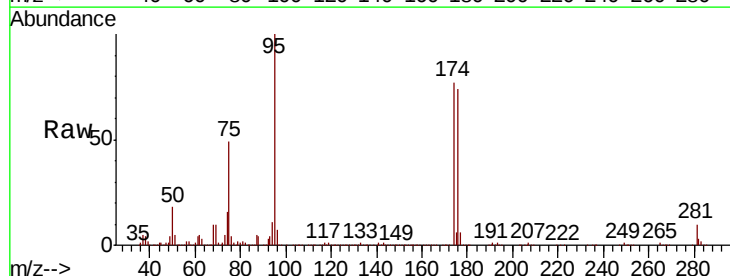
Manual Integrations
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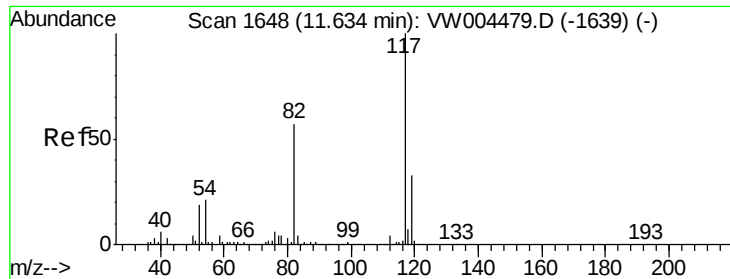
apatel
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#62
 4-Bromofluorobenzene
 Concen: 74.30 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.2	0.0	160.4
176	76.6	0.0	153.2





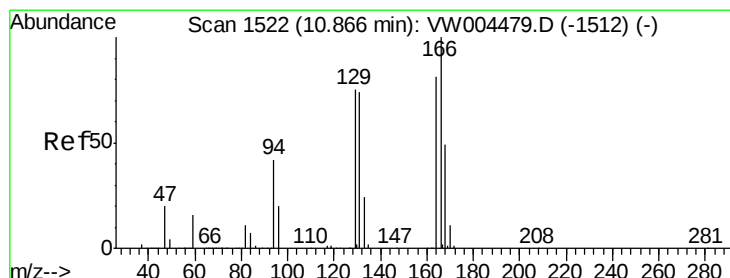
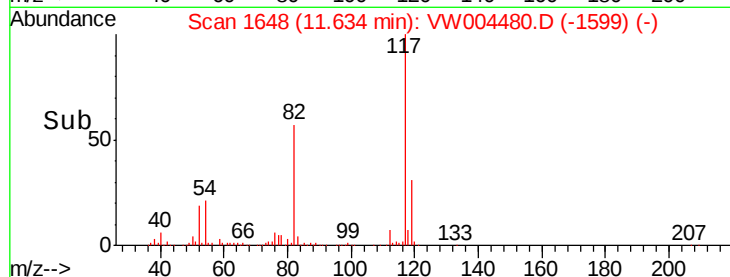
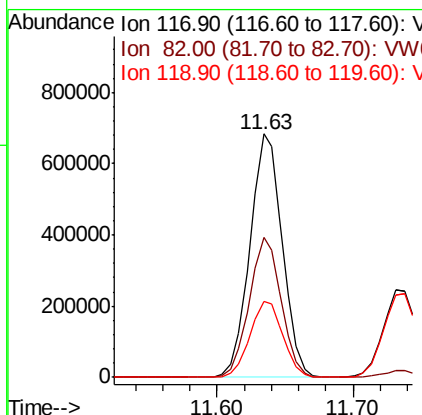
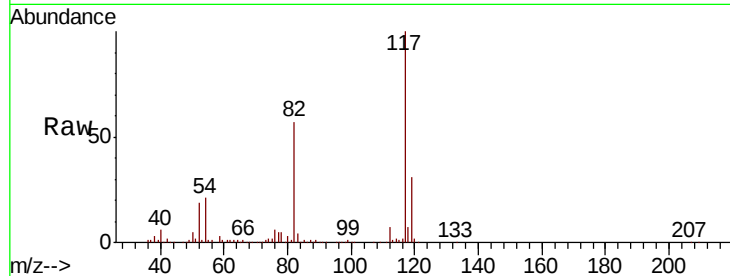
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.3	45.3	67.9
119	31.4	26.2	39.4

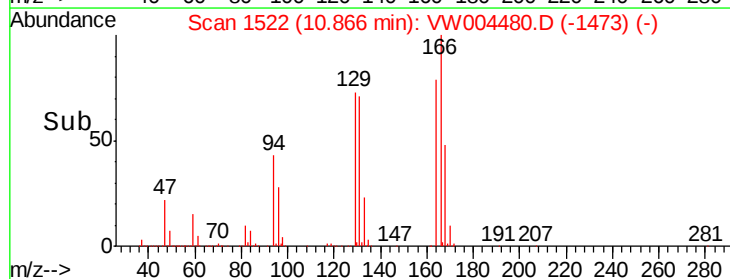
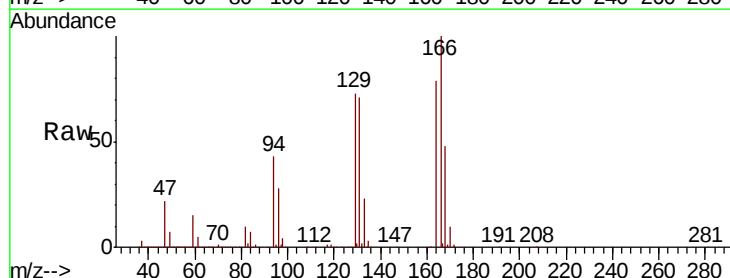
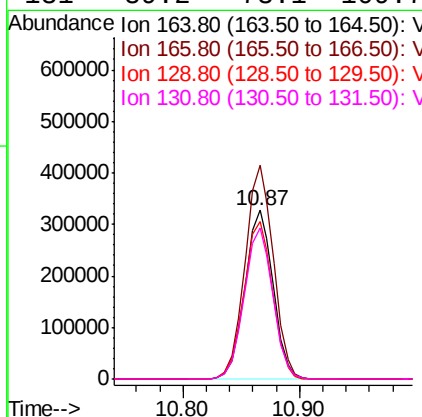
Manual Integrations
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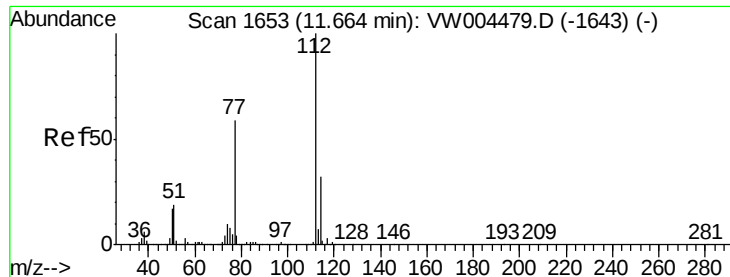
apatel
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#64
Tetrachloroethene
Concen: 66.68 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.4	98.4	147.6
129	92.9	73.6	110.4
131	89.2	73.1	109.7





#65

Chlorobenzene

Concen: 72.99 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

Tot Ion:112 Resp: 1751816

Ion Ratio Lower Upper

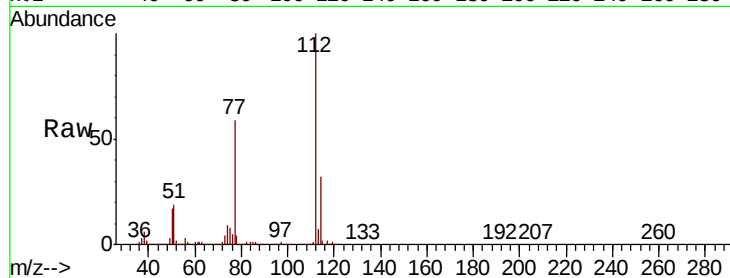
112 100

114 32.3 26.0 39.0

Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

1200000

1000000

800000

600000

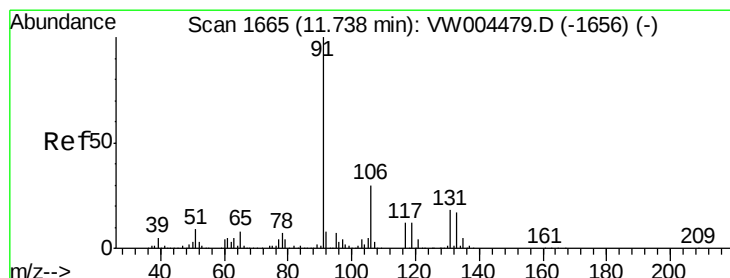
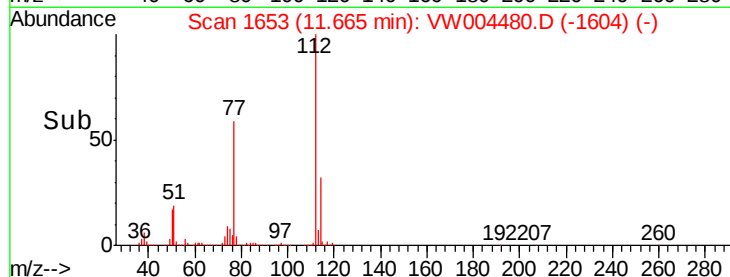
400000

200000

0

11.66

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 70.95 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

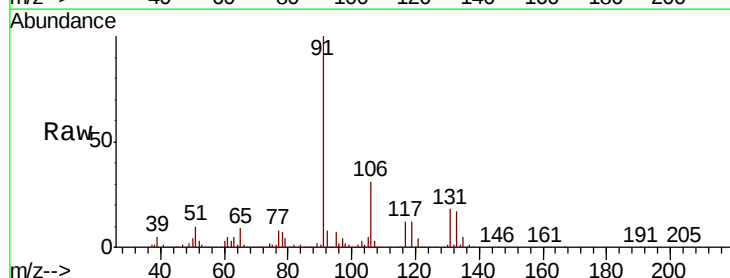
Tgt Ion:131 Resp: 601280

Ion Ratio Lower Upper

131 100

133 95.7 48.1 144.4

119 67.7 33.9 101.7



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

400000

300000

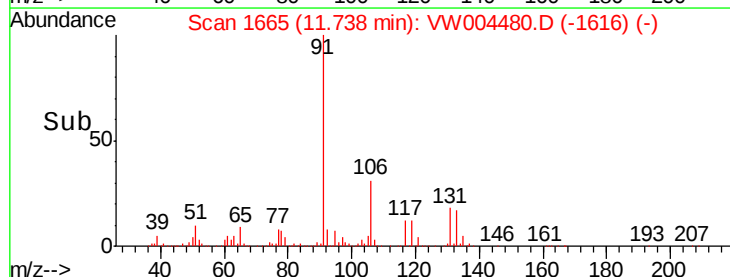
200000

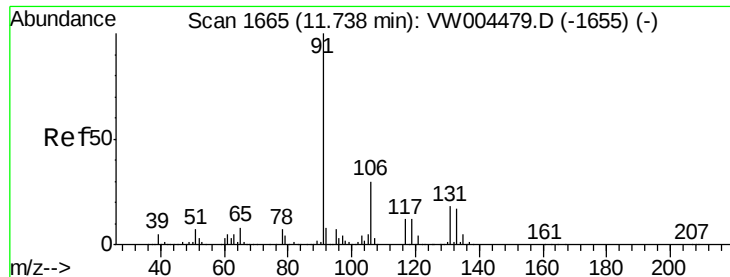
100000

0

11.74

Time-->





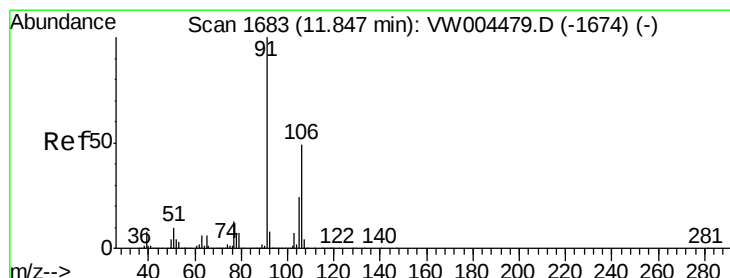
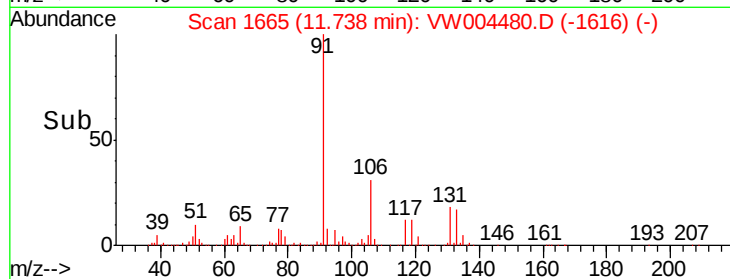
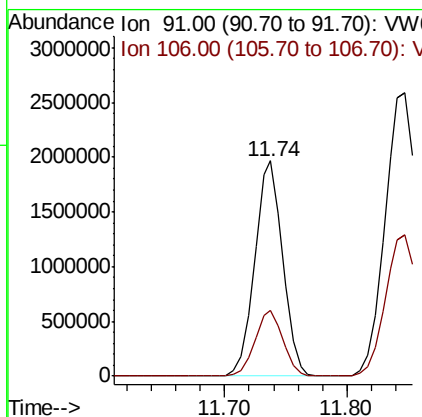
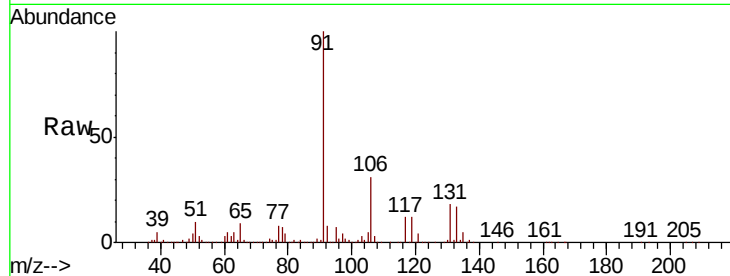
#67
Ethyl Benzene
Concen: 74.35 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion: 91 Resp: 3123379
Ion Ratio Lower Upper
91 100
106 30.8 24.2 36.2

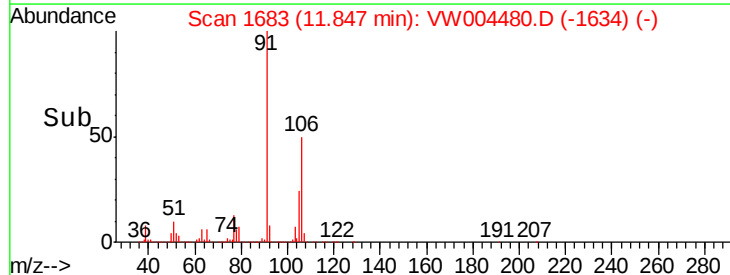
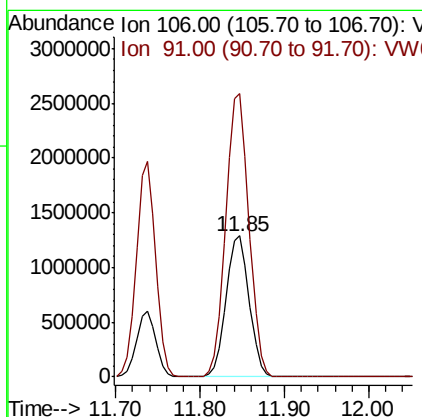
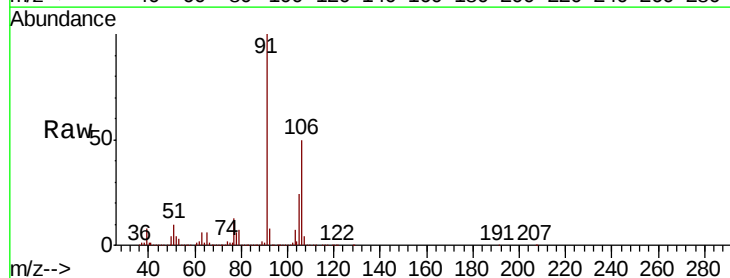
Manual Integrations
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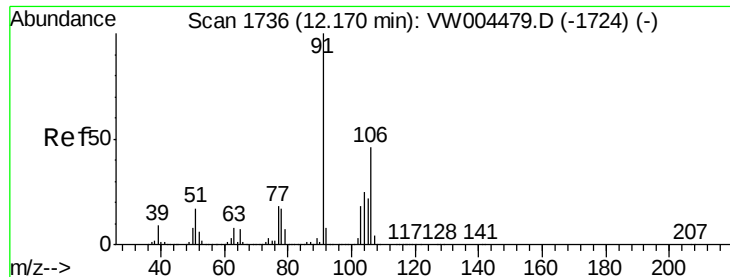
apatel
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#68
m/p-Xylenes
Concen: 149.35 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

Tgt Ion: 106 Resp: 2407447
Ion Ratio Lower Upper
106 100
91 201.4 162.8 244.2





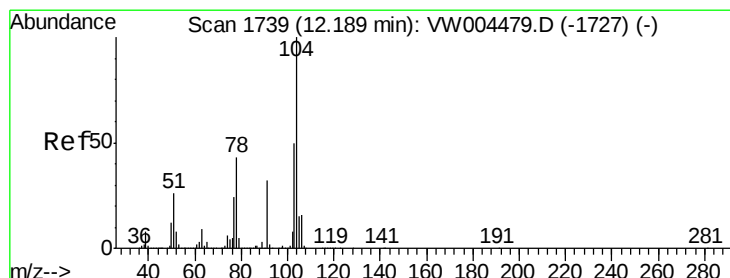
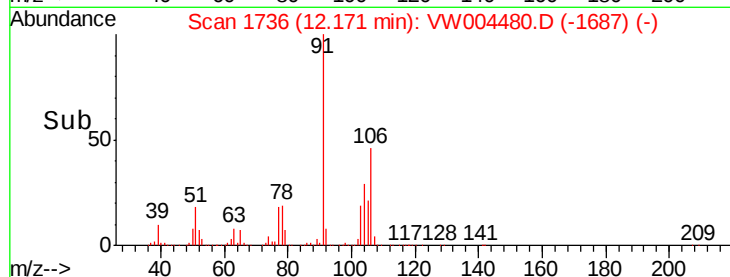
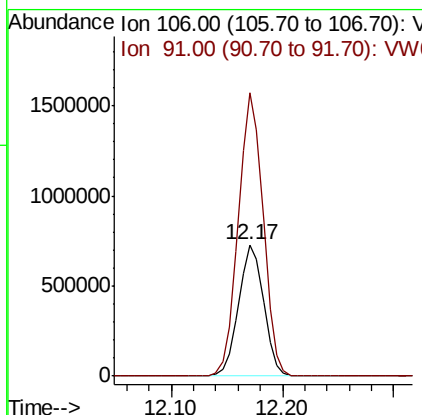
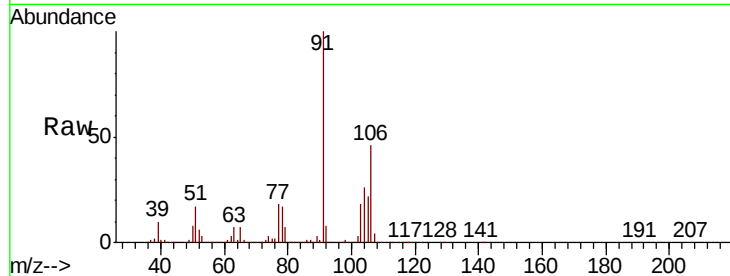
#69
o-Xylene
Concen: 76.28 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion:106 Resp: 1136982
Ion Ratio Lower Upper
106 100
91 213.6 106.7 320.2

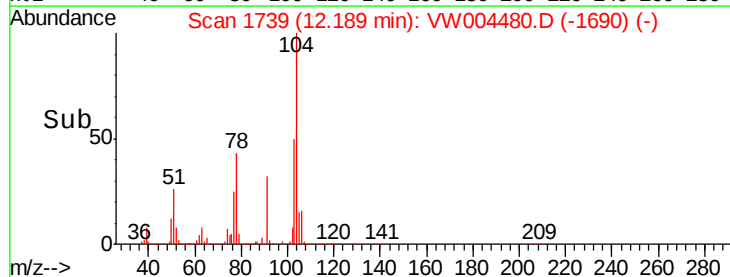
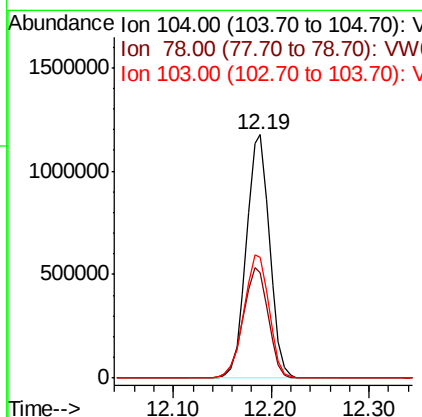
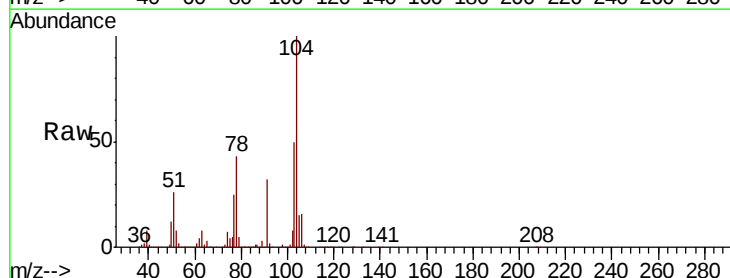
Manual Integrations
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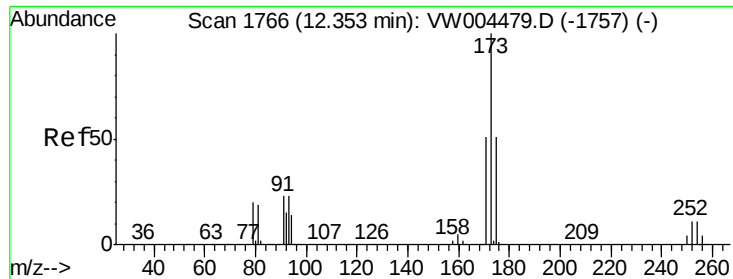
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#70
Styrene
Concen: 76.41 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

Tgt Ion:104 Resp: 1931576
Ion Ratio Lower Upper
104 100
78 49.1 39.0 58.4
103 55.0 44.2 66.2





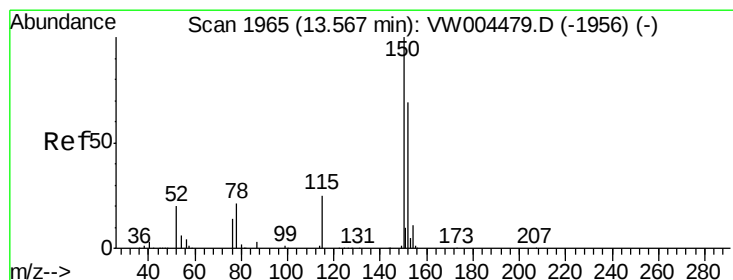
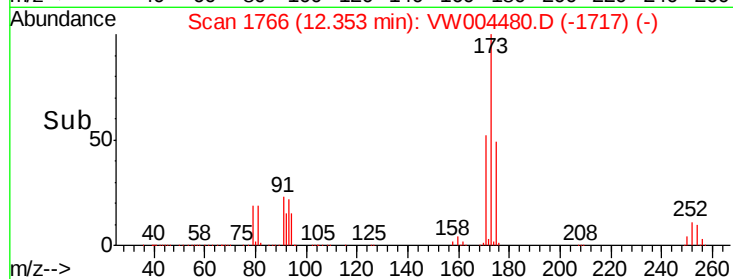
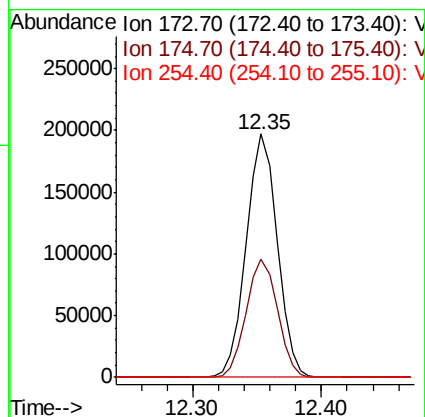
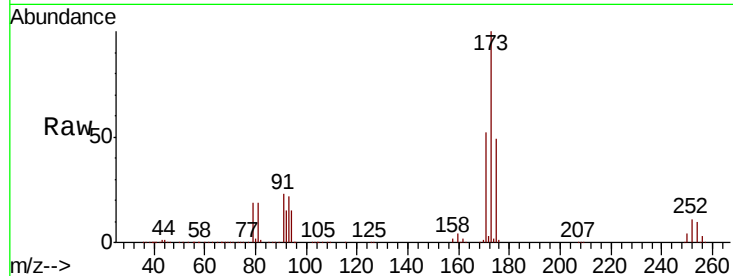
#71
Bromoform
Concen: 69.08 ug/l
RT: 12.35 min Scan# 1766
Delta R.T. 0.00 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.5	73.5
254	0.1	0.2	0.2#

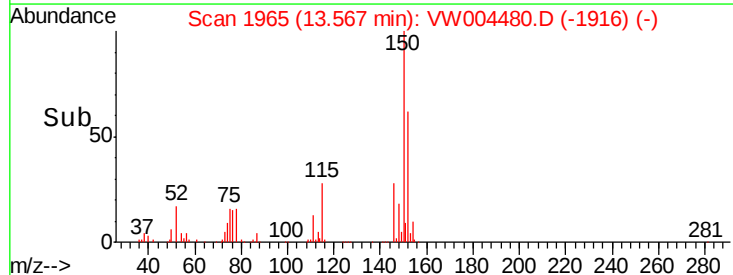
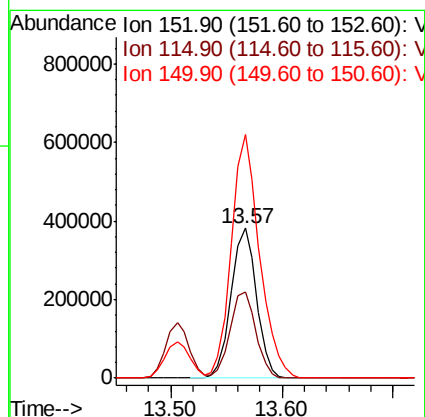
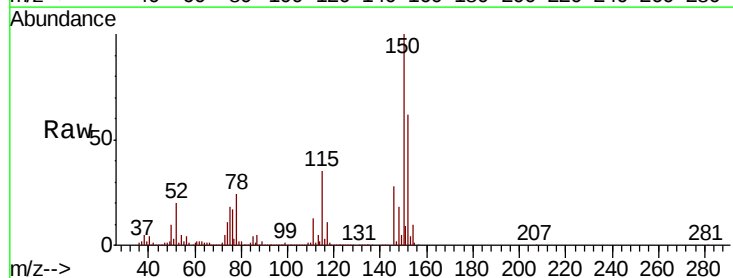
Manual Integrations
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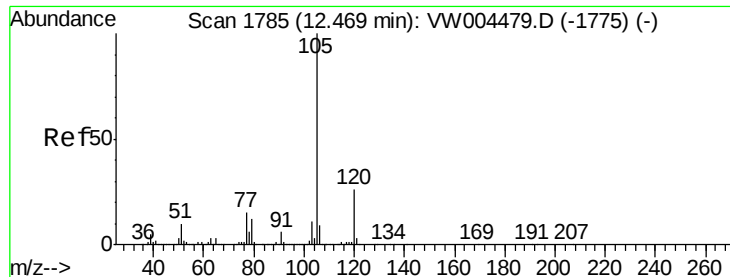
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.2	29.1	87.3
150	180.2	0.0	349.6





#73

Isopropylbenzene

Concen: 74.26 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion:105 Resp: 3116314

Ion Ratio Lower Upper

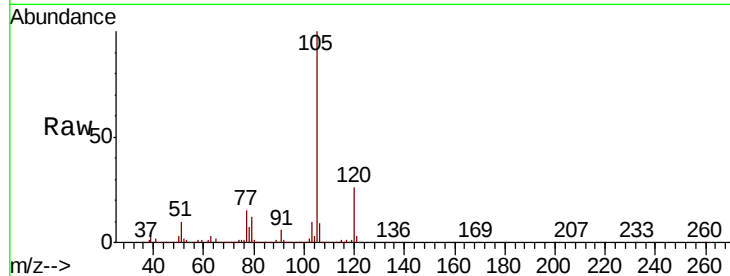
105 100

120 26.3 13.2 39.6

Manual Integrations
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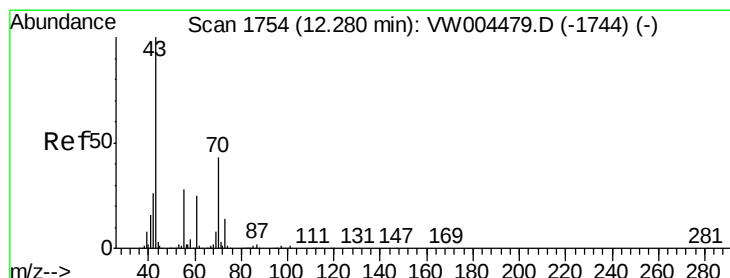
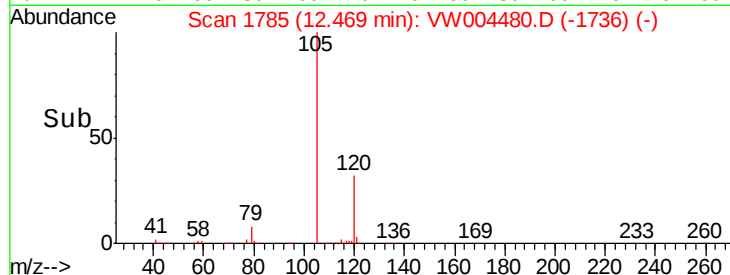
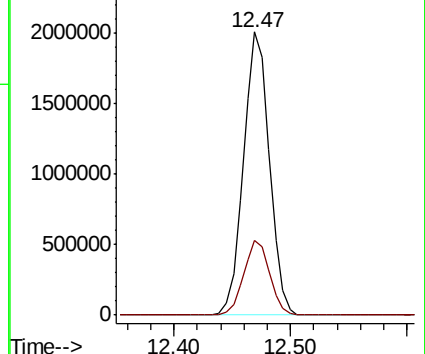
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 82.47 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

Tgt Ion: 43 Resp: 760261

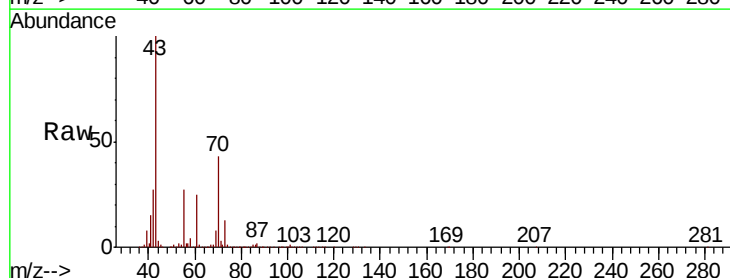
Ion Ratio Lower Upper

43 100

70 43.7 35.3 52.9

55 27.3 22.9 34.3

61 24.3 19.7 29.5

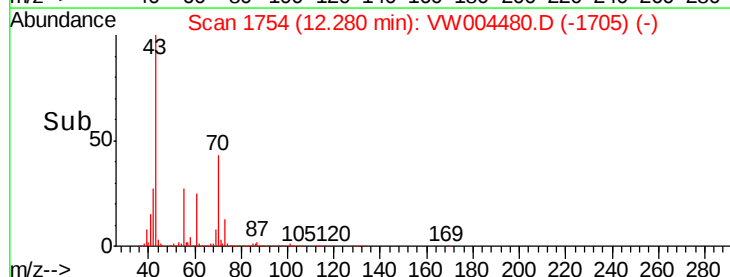
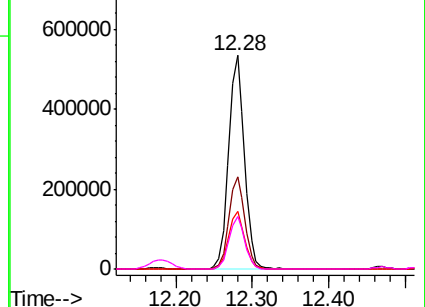


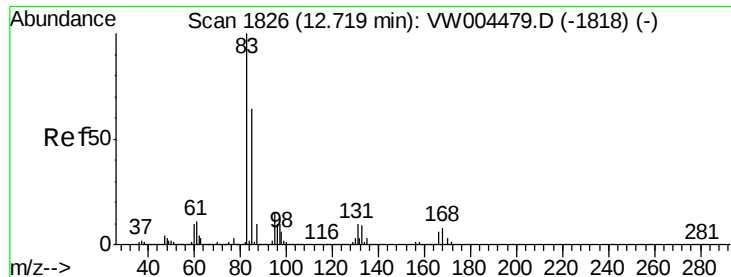
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 79.62 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

Instrument :

MSVOA_W

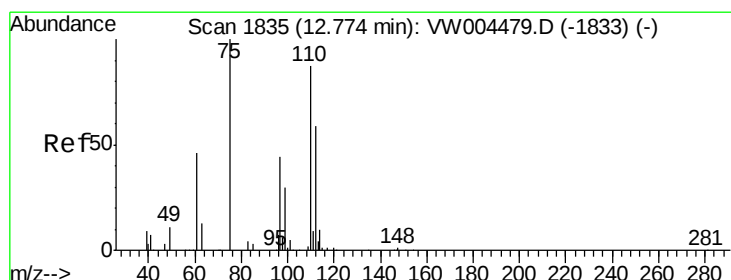
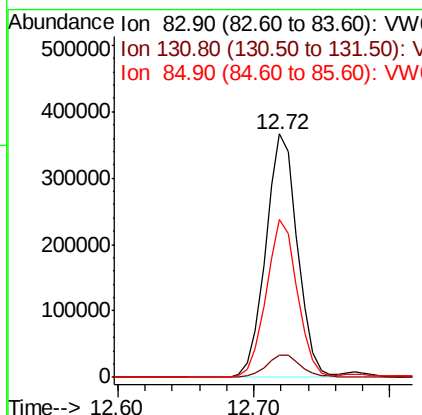
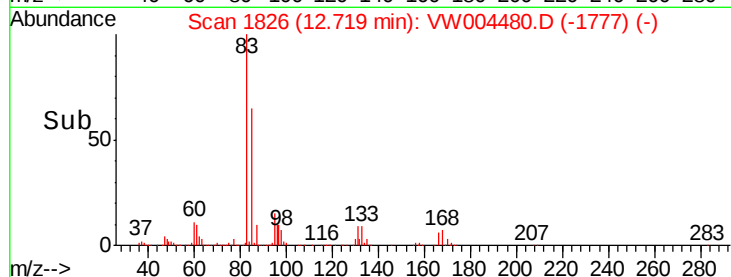
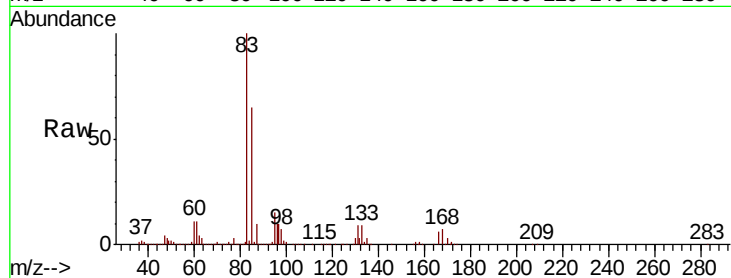
ClientSampled :

VSTDIC075

Tot Ion:	83	Resp:	598842
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.0	15.0
85	63.7	31.8	95.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 76.45 ug/l m

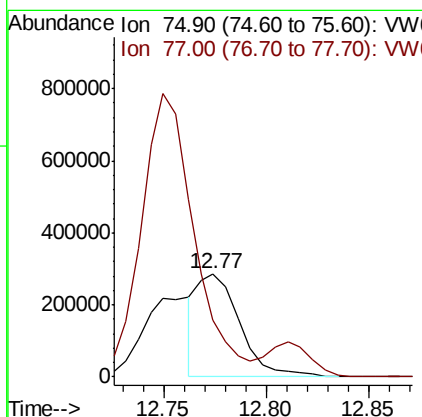
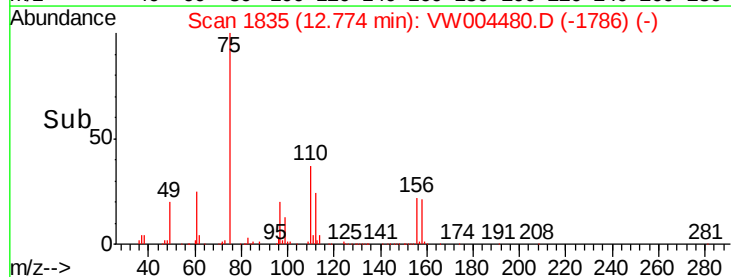
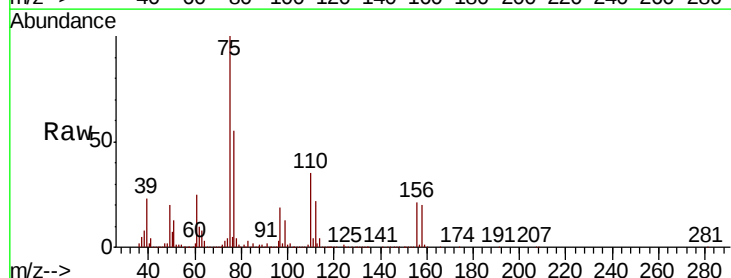
RT: 12.77 min Scan# 1835

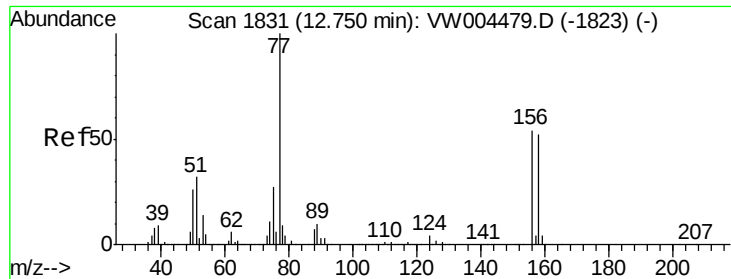
Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

Tgt Ion:	75	Resp:	415650
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 71.27 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

Instrument :

MSVOA_W

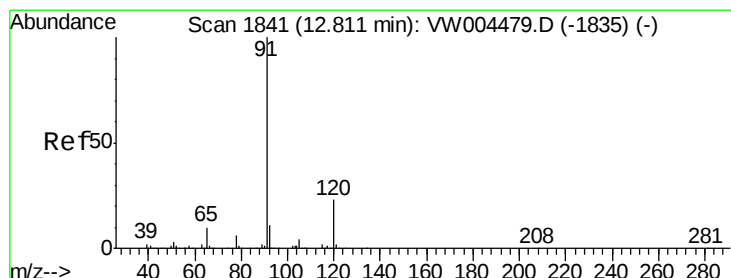
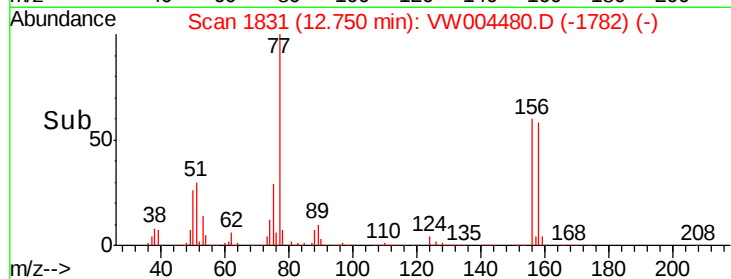
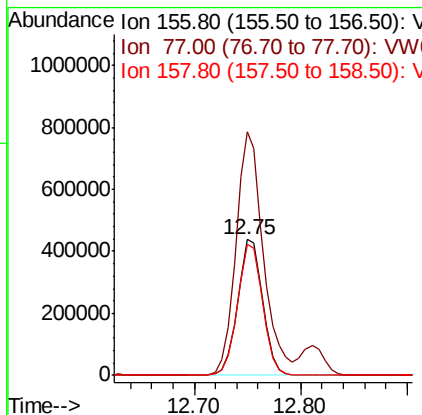
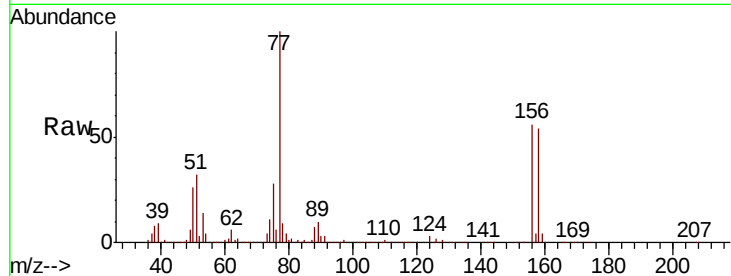
ClientSampleId :

VSTDIC075

Tot Ion	Ratio	Lower	Upper
156	100		
77	196.7	98.7	296.1
158	97.0	48.7	146.1

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#78

n-propylbenzene

Concen: 74.86 ug/l

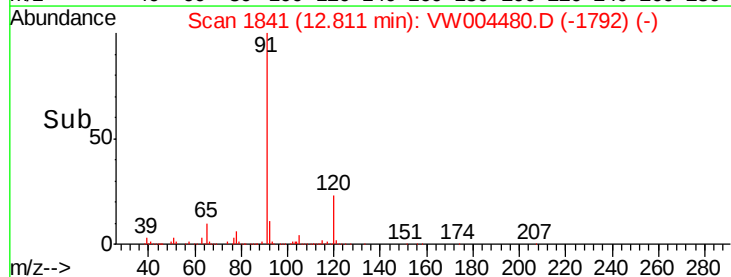
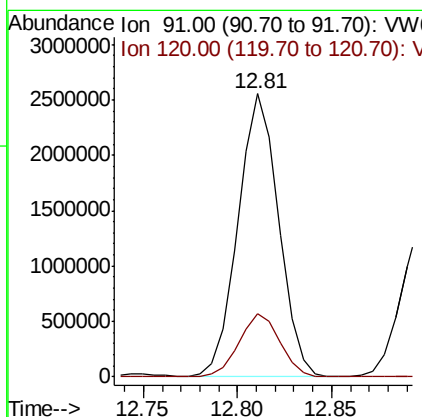
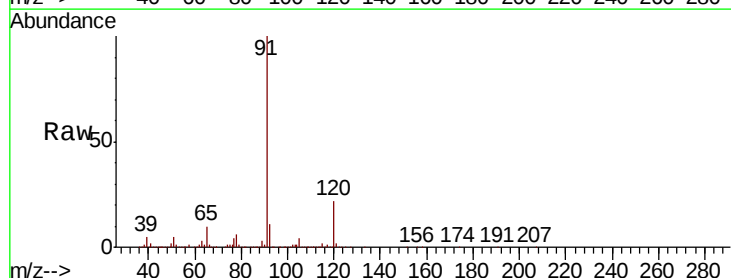
RT: 12.81 min Scan# 1841

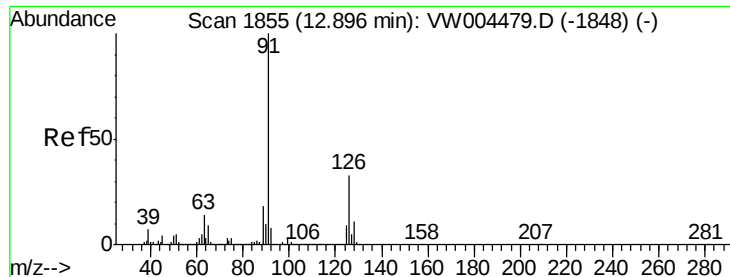
Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.3	33.9





#79

2-Chlorotoluene

Concen: 73.17 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

Instrument :

MSVOA_W

ClientSampled :

VSTDIC075

Tot Ion: 91 Resp: 2138871

Ion Ratio Lower Upper

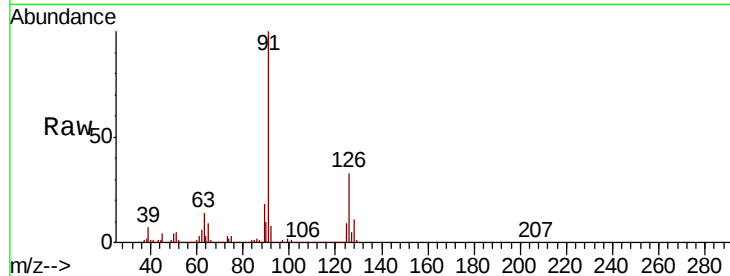
91 100

126 33.5 16.6 49.8

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Abundance Ion 91.00 (90.70 to 91.70): VW004479.D (-1848) (-)

Ion 125.90 (125.60 to 126.60): VW004479.D (-1848) (-)

3000000

2500000

2000000

1500000

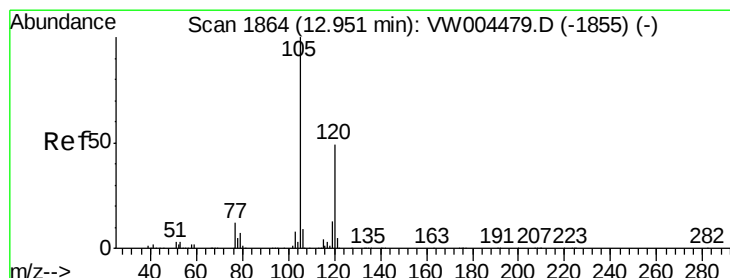
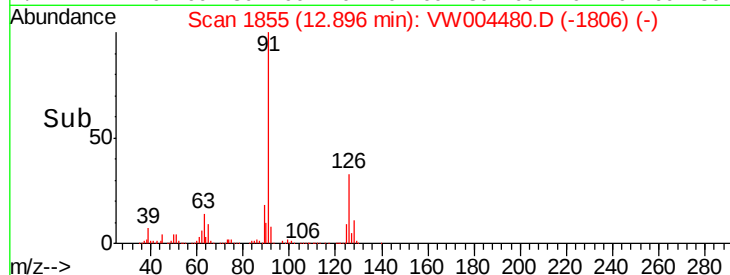
1000000

500000

0

12.85 12.90 12.95

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 72.56 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW004480.D

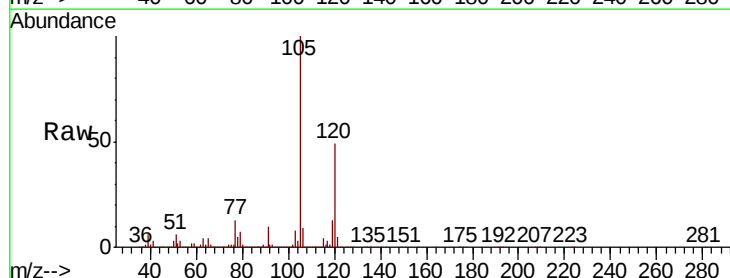
Acq: 06 Aug 2018 20:01

Tgt Ion: 105 Resp: 2621521

Ion Ratio Lower Upper

105 100

120 49.3 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): VW004479.D (-1855) (-)

Ion 120.00 (119.70 to 120.70): VW004479.D (-1855) (-)

2000000

1500000

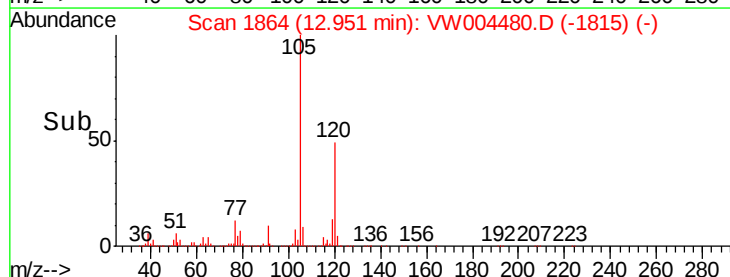
1000000

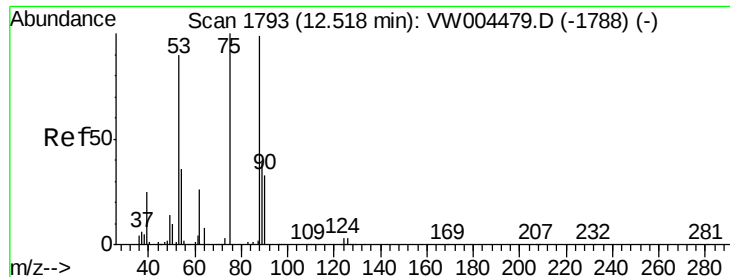
500000

0

12.90 12.95

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 78.67 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

Instrument :

MSVOA_W

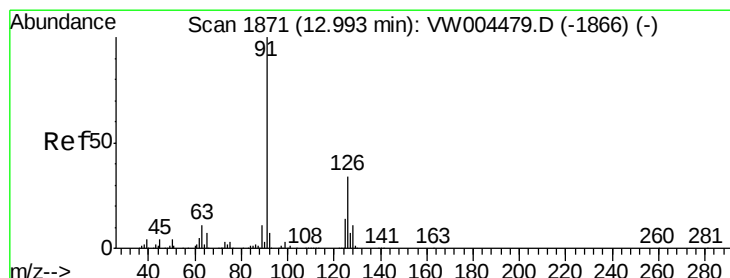
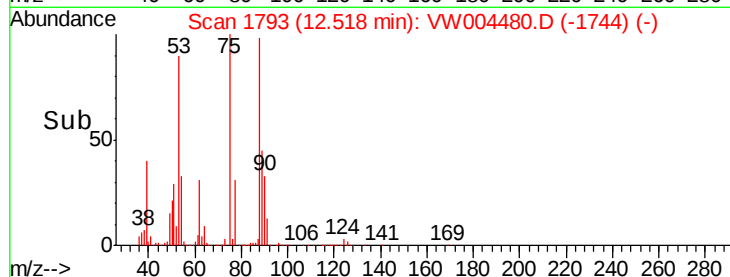
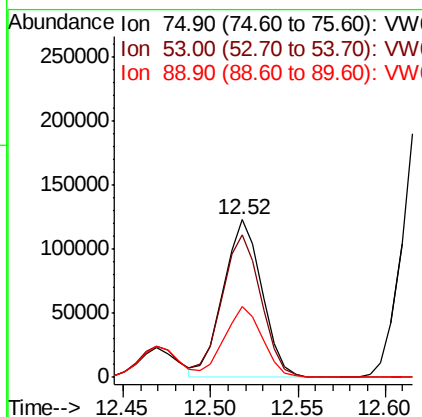
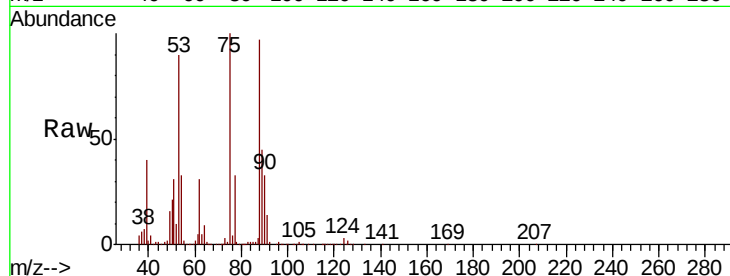
ClientSampled :

VSTDIC075

Tot Ion:	75	Resp:	188585
Ion Ratio	Lower	Upper	
75	100		
53	92.3	74.4	111.6
89	44.1	35.9	53.9

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#82

4-Chlorotoluene

Concen: 72.37 ug/l

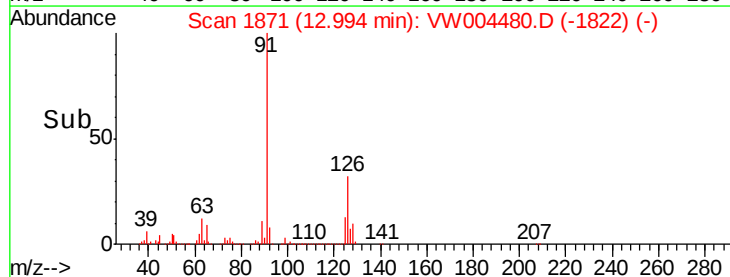
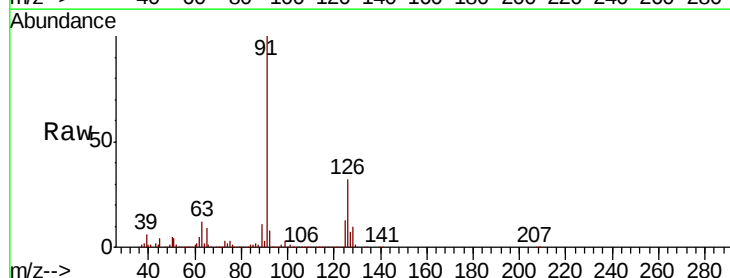
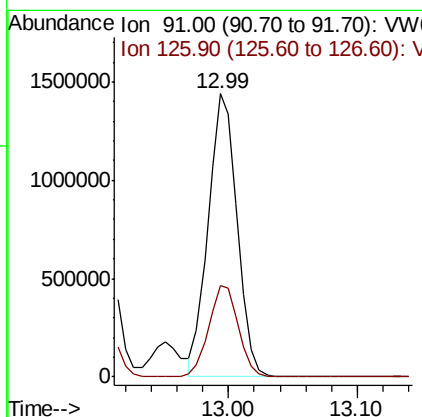
RT: 12.99 min Scan# 1871

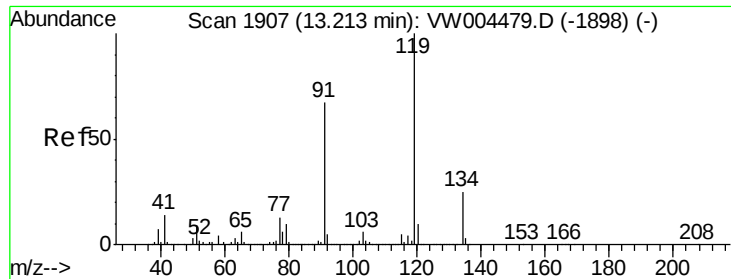
Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

Tgt Ion:	91	Resp:	2250954
Ion Ratio	Lower	Upper	
91	100		
126	33.2	16.5	49.5





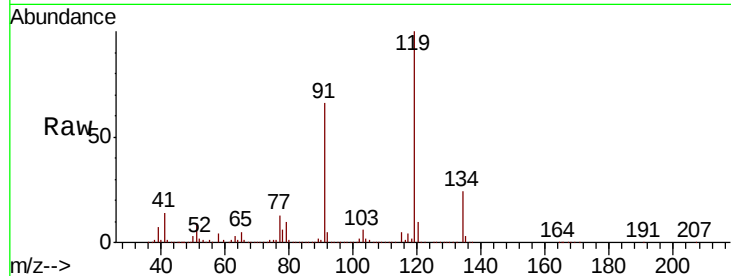
#83
 tert-Butylbenzene
 Concen: 74.99 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

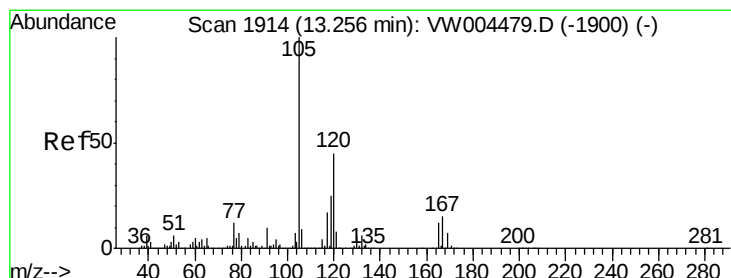
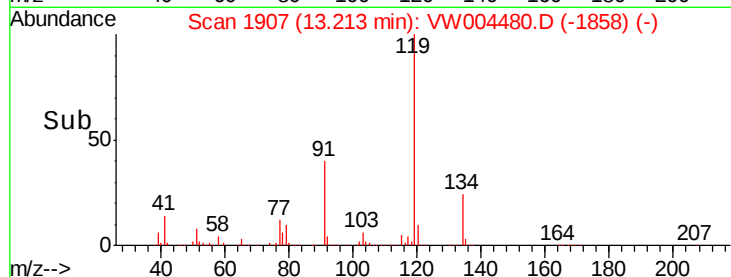
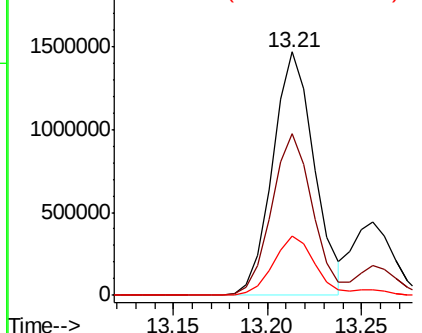
Tot Ion	Ratio	Lower	Upper
119	100		
91	66.2	33.3	99.8
134	26.0	12.2	36.6

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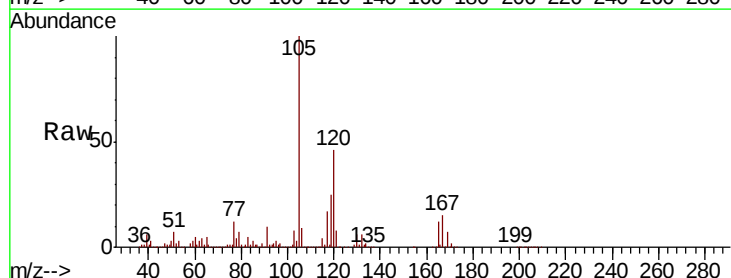


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

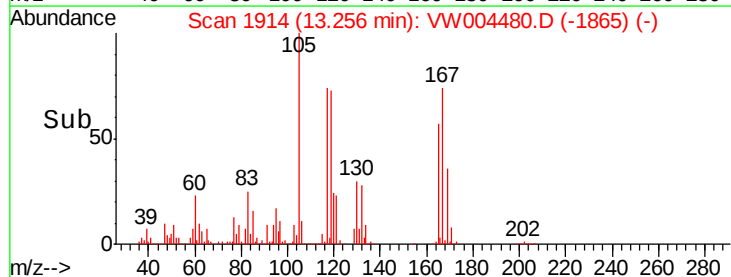
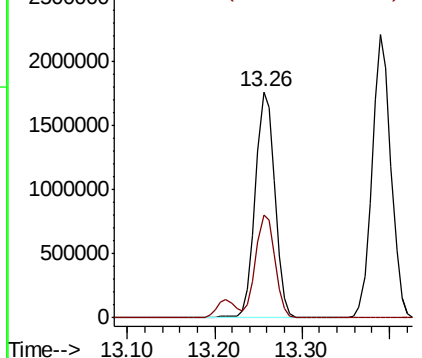


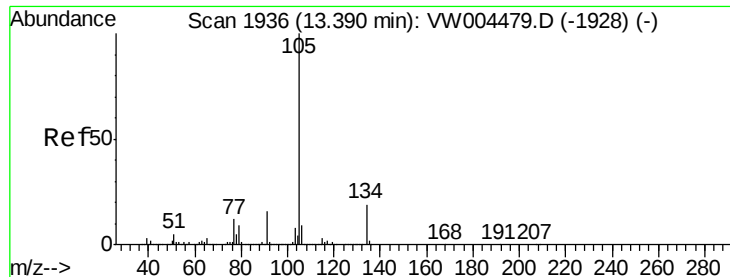
#84
 1,2,4-Trimethylbenzene
 Concen: 73.60 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.6	67.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





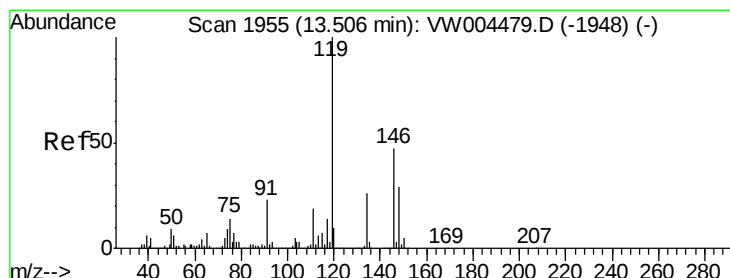
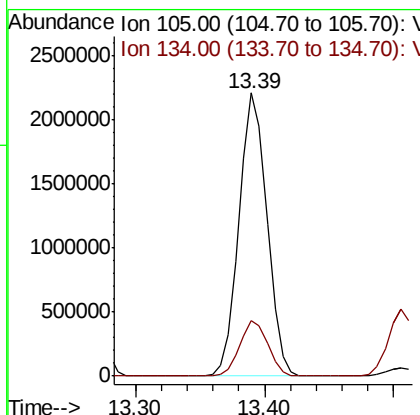
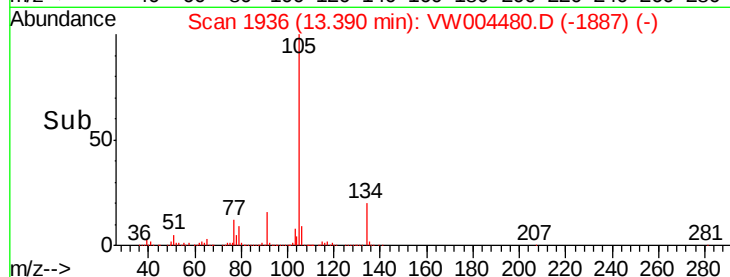
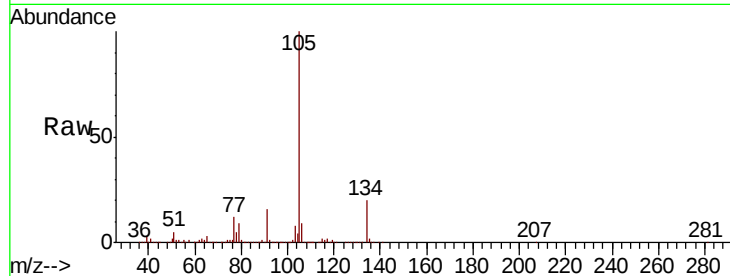
#85
 sec-Butylbenzene
 Concen: 75.45 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion:105 Resp: 3315401
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.5

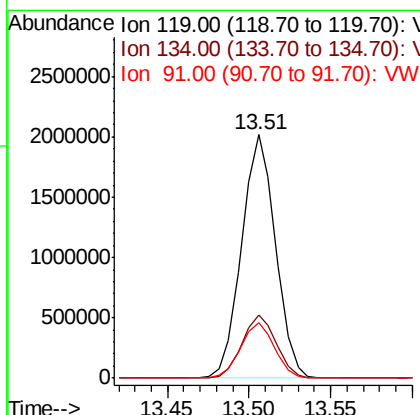
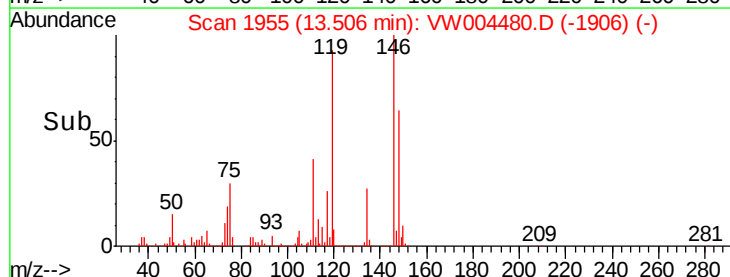
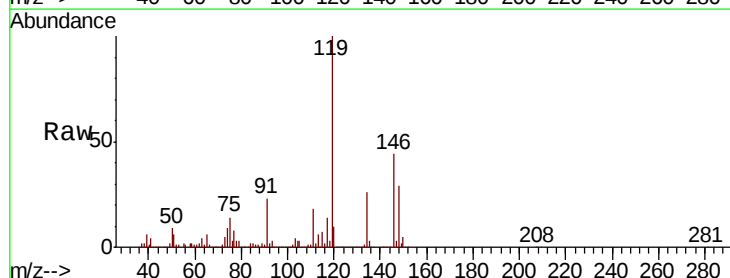
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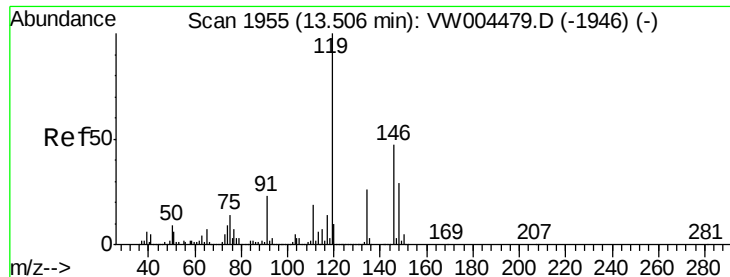
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#86
 p-Isopropyltoluene
 Concen: 74.15 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

Tgt Ion:119 Resp: 2917589
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.1
 91 22.9 11.4 34.1





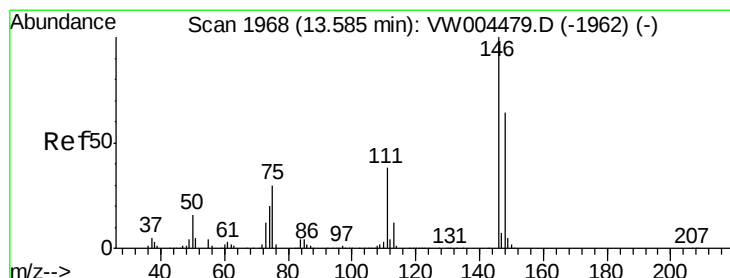
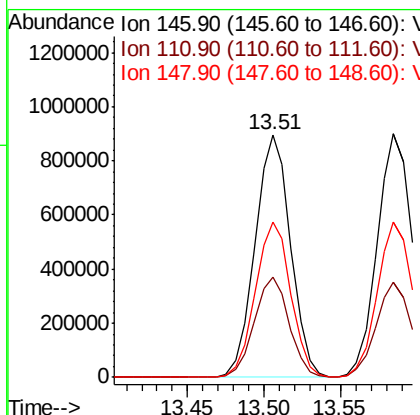
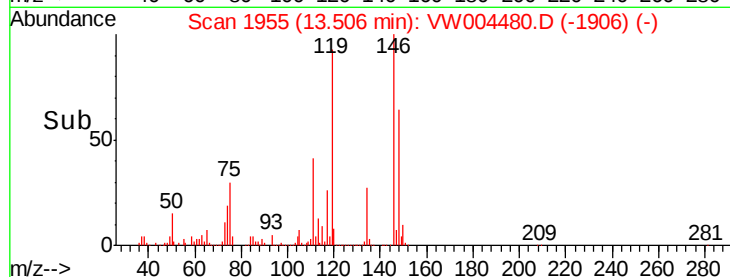
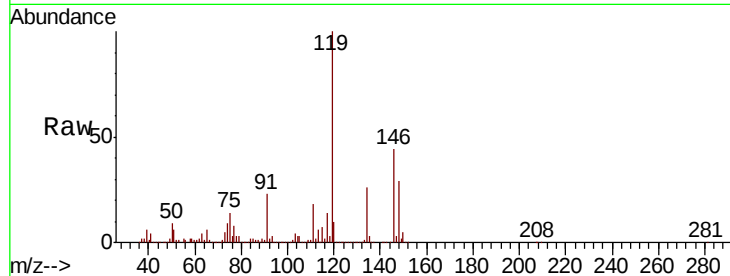
#87
 1,3-Dichlorobenzene
 Concen: 71.23 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.0	59.9
148	63.8	31.7	95.1

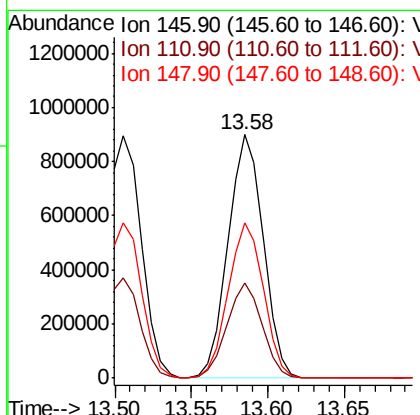
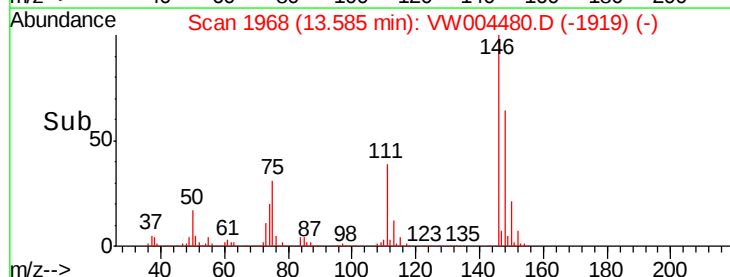
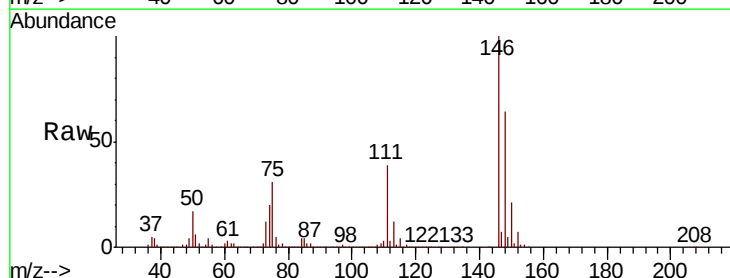
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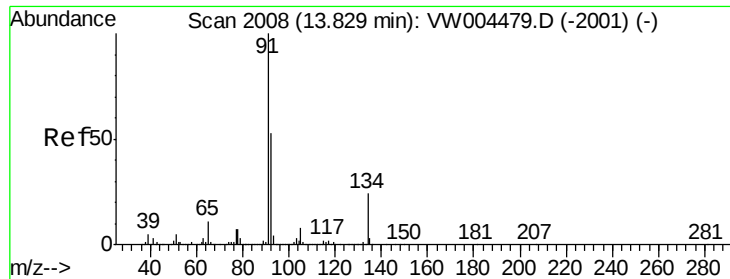
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#88
 1,4-Dichlorobenzene
 Concen: 70.70 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.6	58.8
148	63.9	31.9	95.5





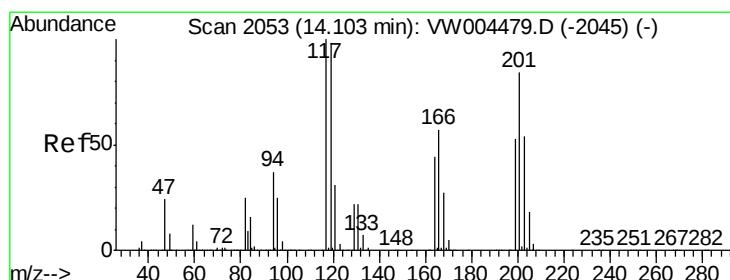
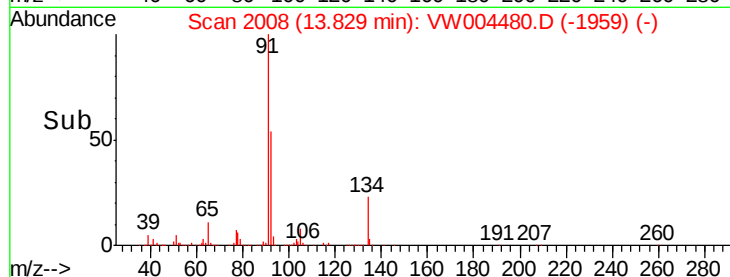
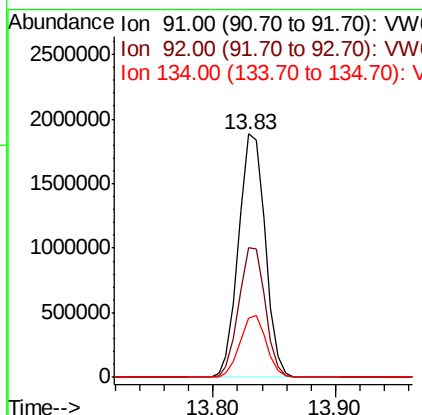
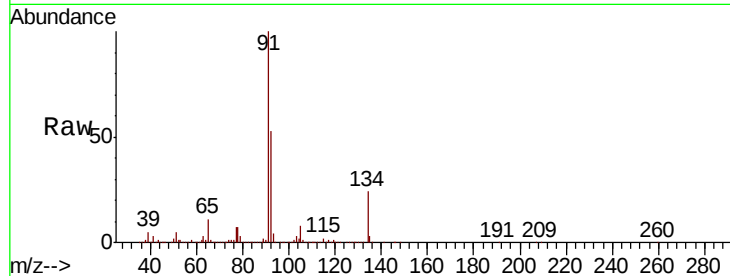
#89
n-Butylbenzene
Concen: 76.58 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.4	79.0
134	25.1	12.4	37.2

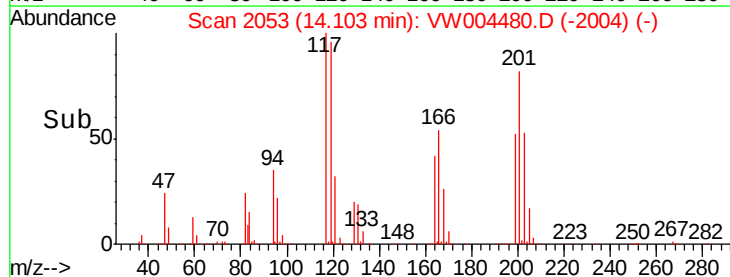
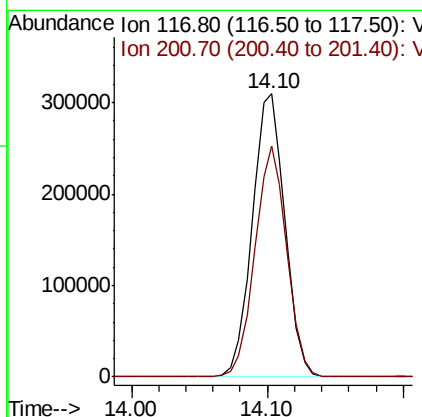
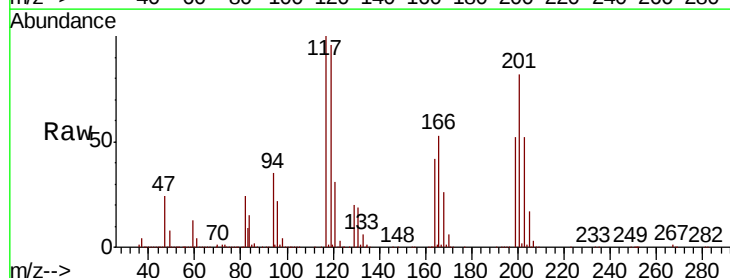
Manual Integrations
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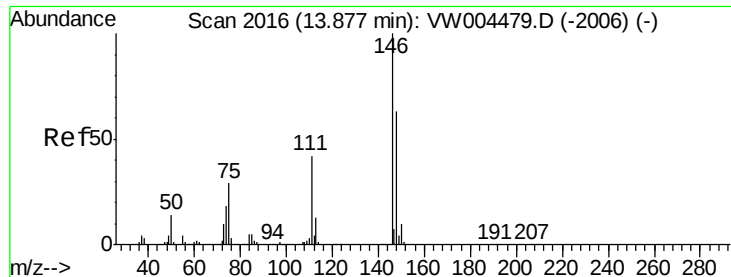
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#90
Hexachloroethane
Concen: 73.68 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.6	40.1	120.3





#91

1,2-Dichlorobenzene

Concen: 72.10 ug/l

RT: 13.88 min Scan# 2016

Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion:146 Resp: 1313729

Ion Ratio Lower Upper

146 100

111 41.5 20.8 62.2

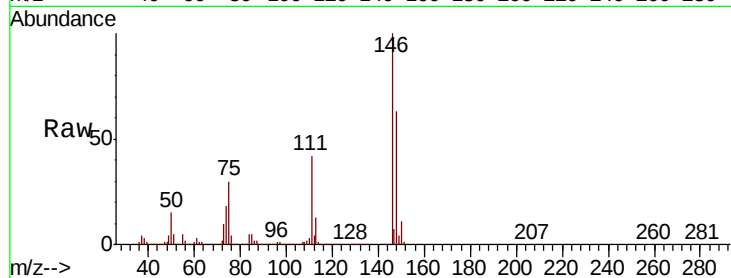
148 63.8 31.8 95.4

Manual Integrations

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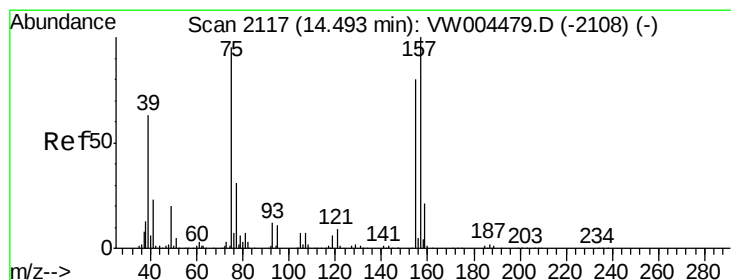
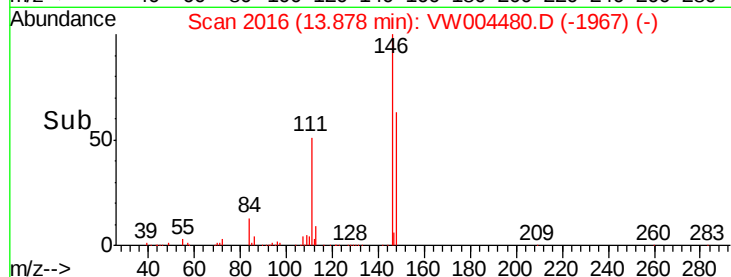
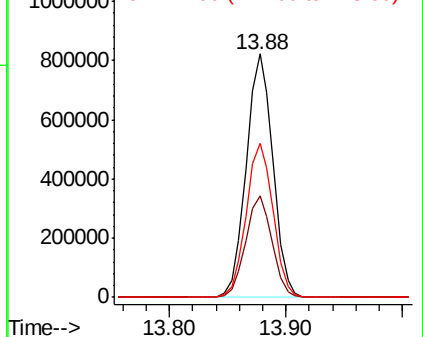
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Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 75.90 ug/l

RT: 14.49 min Scan# 2117

Delta R.T. 0.00 min

Lab File: VW004480.D

Acq: 06 Aug 2018 20:01

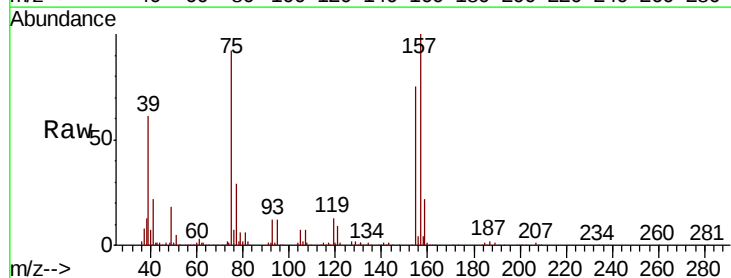
Tgt Ion: 75 Resp: 98835

Ion Ratio Lower Upper

75 100

155 82.1 41.3 123.7

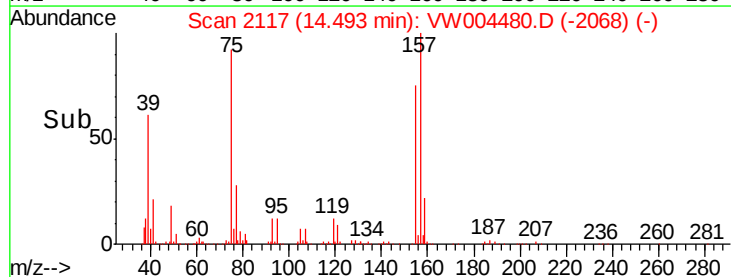
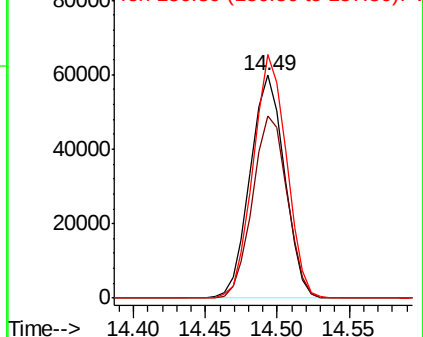
157 105.8 52.6 157.8

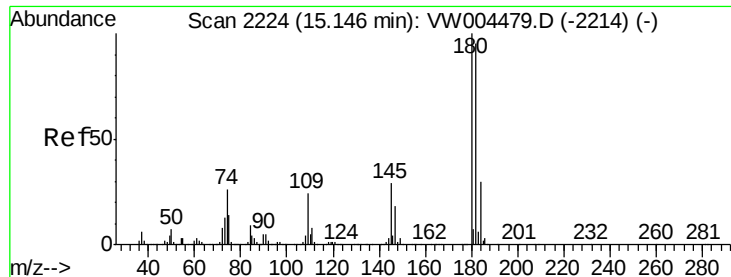


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





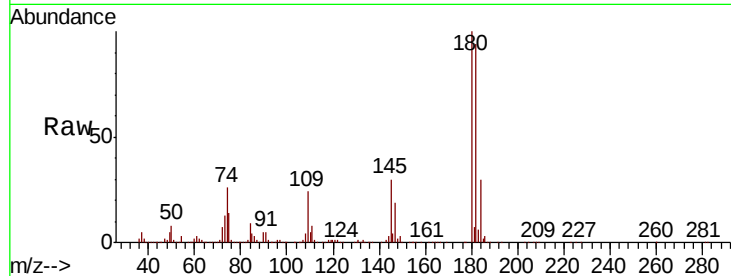
#93
 1,2,4-Trichlorobenzene
 Concen: 73.65 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

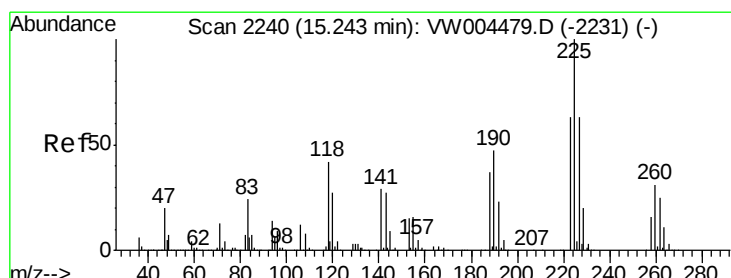
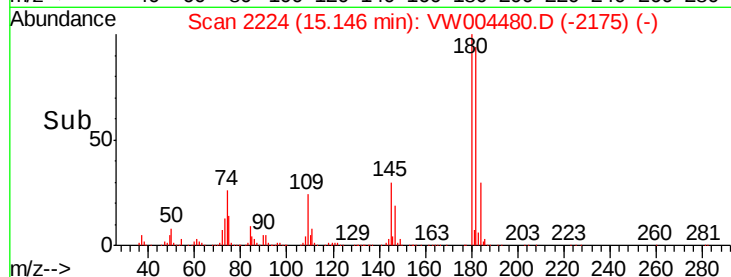
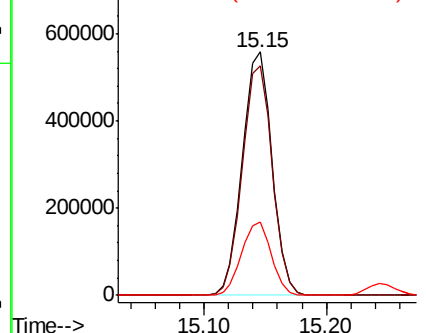
Tot Ion:	180	Resp:	941135
Ion Ratio	Lower	Upper	
180	100		
182	94.9	47.9	143.6
145	30.0	14.9	44.9

Manual Integrations
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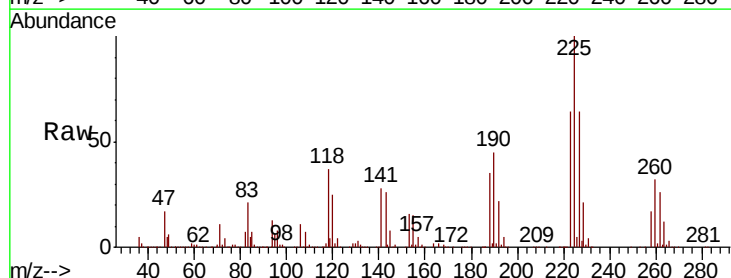


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

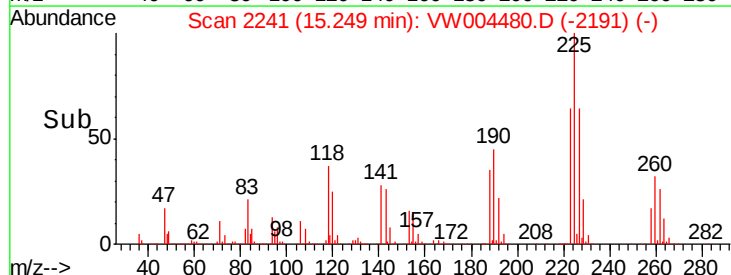
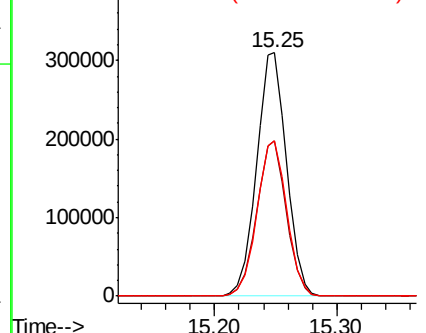


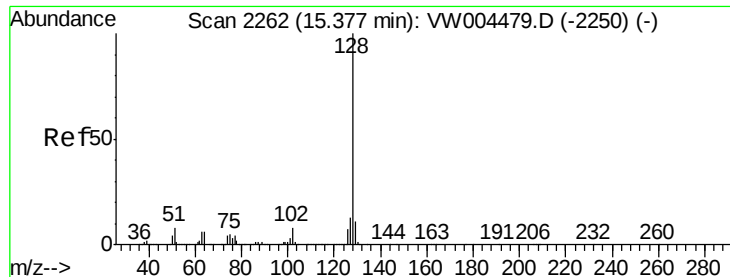
#94
 Hexachlorobutadiene
 Concen: 67.89 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.01 min
 Lab File: VW004480.D
 Acq: 06 Aug 2018 20:01

Tgt Ion:	225	Resp:	527306
Ion Ratio	Lower	Upper	
225	100		
223	63.0	31.3	93.8
227	63.7	31.8	95.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





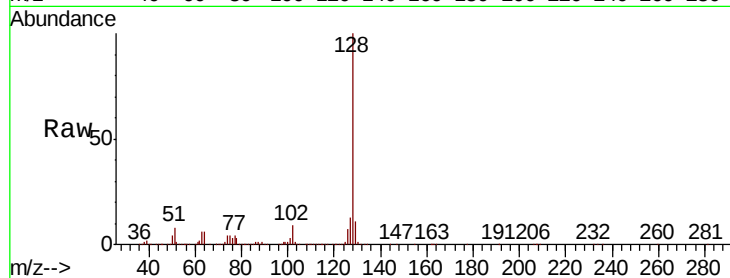
#95
Naphthalene
Concen: 83.68 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

Instrument :
MSVOA_W
ClientSampled :
VSTDICC075

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.8	8.6	13.0

Manual Integrations
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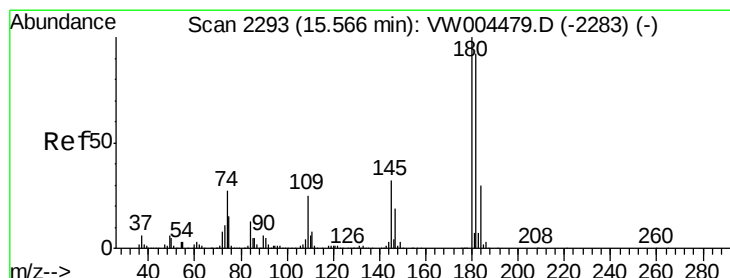
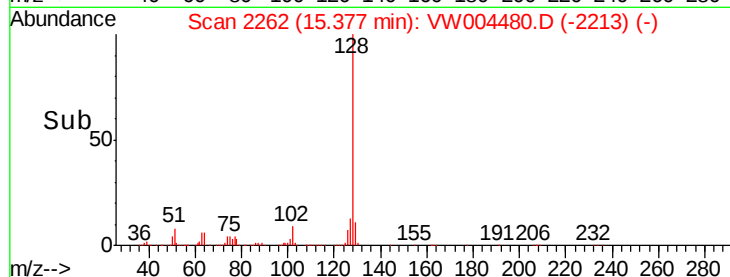
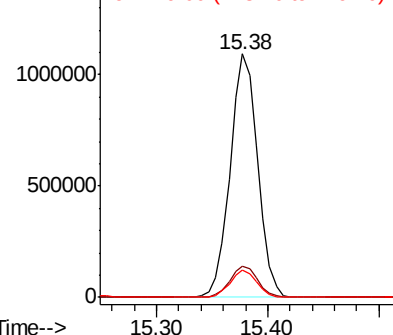


Abundance

Ion 128.00 (127.70 to 128.70): V

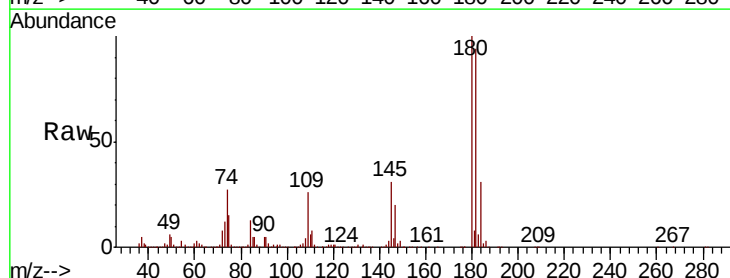
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 75.16 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW004480.D
Acq: 06 Aug 2018 20:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.0	141.2
145	31.5	15.9	47.6



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

