

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032819\
 Data File : VX008529.D
 Acq On : 28 Mar 2019 18:56
 Operator : JC/SP
 Sample : VX0328WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/29/2019 10:52:14 AM

Quant Time: Mar 29 03:37:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	186223	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	323591	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	286757	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	130401	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	143500	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
35) Dibromofluoromethane	5.49	113	105709	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
50) Toluene-d8	8.71	98	415161	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
62) 4-Bromofluorobenzene	11.13	95	151537	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	35553	16.197	ug/l	99
3) Chloromethane	1.32	50	49429	17.424	ug/l	99
4) Vinyl Chloride	1.40	62	50254	16.397	ug/l	98
5) Bromomethane	1.64	94	17519	12.305	ug/l	99
6) Chloroethane	1.72	64	32645	17.980	ug/l	96
7) Trichlorofluoromethane	1.93	101	57471	16.557	ug/l	98
8) Diethyl Ether	2.18	74	29065	17.693	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	35405	16.877	ug/l	98
10) Methyl Iodide	2.51	142	14072	10.454	ug/l	99
11) Tert butyl alcohol	3.04	59	61637	98.541	ug/l	98
12) 1,1-Dichloroethene	2.37	96	37530	17.323	ug/l	95
13) Acrolein	2.29	56	36385	80.102	ug/l	100
14) Allyl chloride	2.73	41	83817	17.561	ug/l	99
15) Acrylonitrile	3.14	53	152890	93.216	ug/l	100
16) Acetone	2.44	43	131468	89.097	ug/l	99
17) Carbon Disulfide	2.57	76	105564	16.727	ug/l	99
18) Methyl Acetate	2.77	43	68313	19.276	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	147477	18.890	ug/l	100
20) Methylene Chloride	2.85	84	48181	19.618	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	39793	18.261	ug/l	98
22) Diisopropyl ether	3.85	45	176881	18.821	ug/l	99
23) Vinyl Acetate	3.81	43	771168	94.051	ug/l	100
24) 1,1-Dichloroethane	3.70	63	85842	18.092	ug/l	99
25) 2-Butanone	4.67	43	222099	93.888	ug/l	99
26) 2,2-Dichloropropane	4.58	77	49307	15.624	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	47762	18.029	ug/l	98
28) Bromochloromethane	5.01	49	45338	19.341	ug/l	99
29) Tetrahydrofuran	5.13	42	147533	94.628	ug/l	99
30) Chloroform	5.21	83	78596	18.355	ug/l	98
31) Cyclohexane	5.58	56	77041	17.025	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	61323	17.917	ug/l	99
36) 1,1-Dichloropropene	5.80	75	57994	16.809	ug/l	98
37) Ethyl Acetate	4.84	43	83380	18.655	ug/l	99
38) Carbon Tetrachloride	5.79	117	49125	17.061	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	69273	16.800	ug/l	99
40) Benzene	6.14	78	183406	17.756	ug/l	100
41) Methacrylonitrile	5.04	41	47572	18.939	ug/l	100
42) 1,2-Dichloroethane	6.19	62	67790	17.925	ug/l	99
43) Isopropyl Acetate	6.45	43	131494	18.393	ug/l	99
44) Trichloroethene	7.21	130	41906	17.279	ug/l	98
45) 1,2-Dichloropropane	7.51	63	52644	17.931	ug/l	97
46) Dibromomethane	7.66	93	30354	17.705	ug/l	100
47) Bromodichloromethane	7.90	83	58639	17.869	ug/l	99
48) Methyl methacrylate	7.77	41	66722	18.652	ug/l	99
49) 1,4-Dioxane	7.74	88	27342	384.411	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	439981	94.752	ug/l	100
52) Toluene	8.78	92	109035	17.655	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	61789	17.191	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	70531	17.257	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	45741	18.194	ug/l	100
56) Ethyl methacrylate	9.18	69	84277	18.571	ug/l	100
57) 1,3-Dichloropropane	9.37	76	81496	18.080	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	227637	97.040	ug/l	99
59) 2-Hexanone	9.49	43	343980	95.602	ug/l	99
60) Dibromochloromethane	9.58	129	41623	17.409	ug/l	98
61) 1,2-Dibromoethane	9.67	107	46385	18.079	ug/l	99
64) Tetrachloroethene	9.34	164	34990	18.024	ug/l	97
65) Chlorobenzene	10.14	112	110408	17.705	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	39160	18.201	ug/l	99
67) Ethyl Benzene	10.25	91	205805	17.487	ug/l	99
68) m/p-Xylenes	10.36	106	150510	35.153	ug/l	99
69) o-Xylene	10.69	106	73630	17.721	ug/l	100
70) Styrene	10.71	104	127392	17.750	ug/l	100
71) Bromoform	10.85	173	28968	17.049	ug/l #	98
73) Isopropylbenzene	11.02	105	194304	18.315	ug/l	100
74) N-amyl acetate	10.90	43	117126	19.074	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	77353	18.793	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	65326m	16.851	ug/l	
77) Bromobenzene	11.26	156	46014	17.871	ug/l	100
78) n-propylbenzene	11.36	91	222090	17.871	ug/l	100
79) 2-Chlorotoluene	11.42	91	136129	18.009	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	162827	18.155	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	19912	16.451	ug/l	92
82) 4-Chlorotoluene	11.51	91	155310	17.813	ug/l	99
83) tert-Butylbenzene	11.77	119	155884	18.015	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	164774	18.164	ug/l	99
85) sec-Butylbenzene	11.94	105	184310	17.886	ug/l	99
86) p-Isopropyltoluene	12.06	119	163930	18.029	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	80595	17.519	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	80886	17.422	ug/l	99
89) n-Butylbenzene	12.38	91	146392	16.995	ug/l	99
90) Hexachloroethane	12.59	117	25748	16.997	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	82711	17.954	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	16891	18.820	ug/l	99

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ClientSampleId :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	55190	17.794	ug/l	98
94) Hexachlorobutadiene	13.78	225	26070	17.702	ug/l	99
95) Naphthalene	13.83	128	205874	19.361	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	58088	18.638	ug/l	98

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

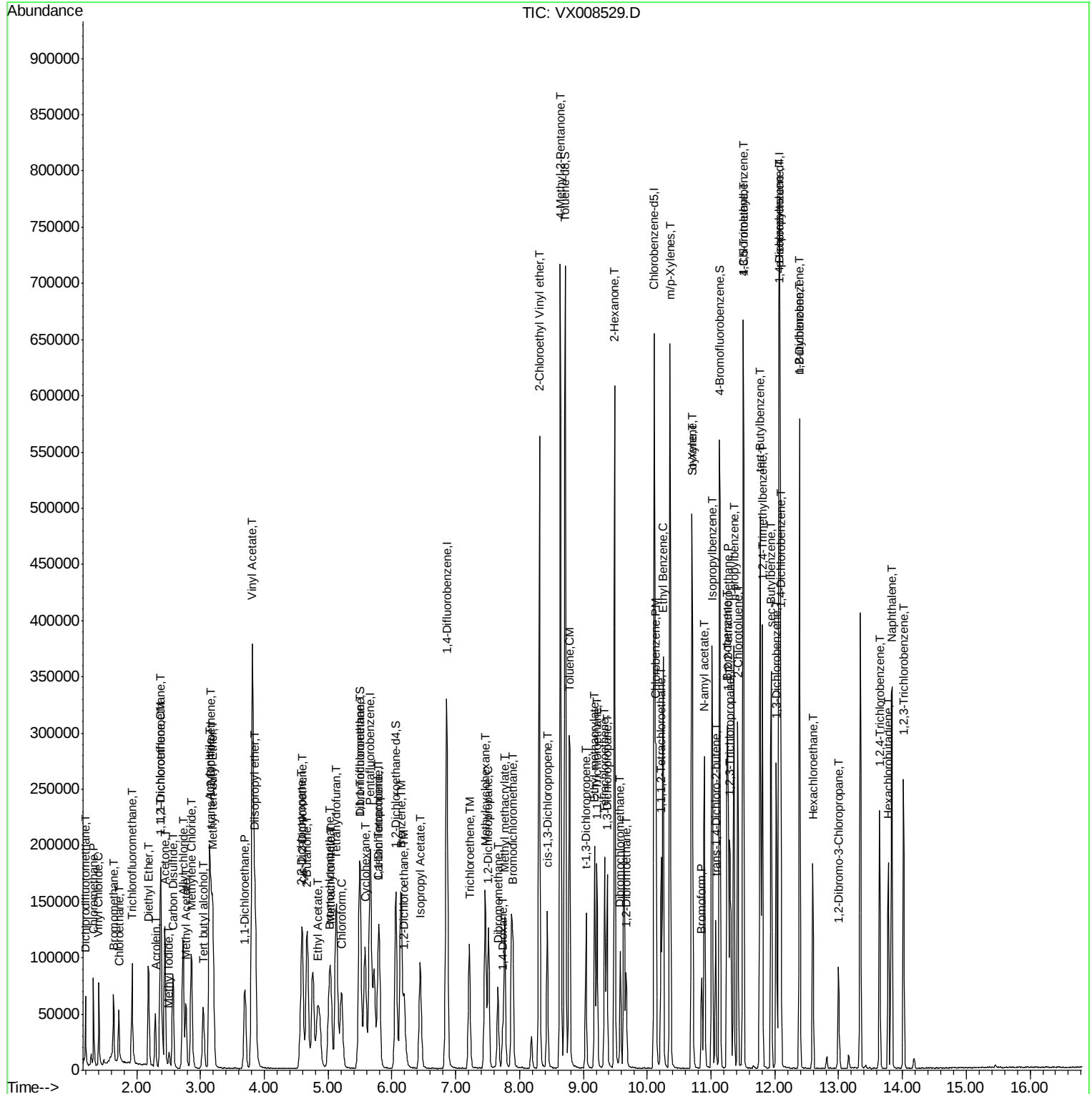
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Data File : VX008529.D
Acq On : 28 Mar 2019 18:56
Operator : JC/SP
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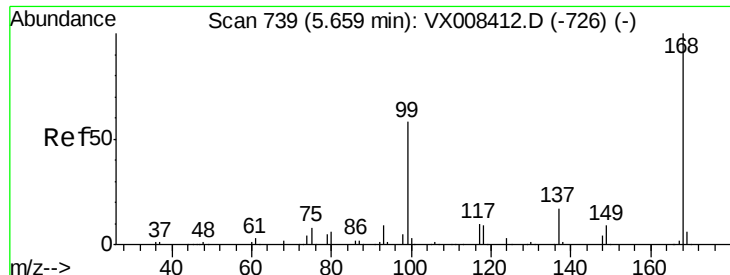
Instrument :
MSVOA_X
Client Sample ID :
VX0328WBSD01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008529.D

Acq: 28 Mar 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBSD01

Tot Ion:168 Resp: 186223

Ion Ratio Lower Upper

168 100

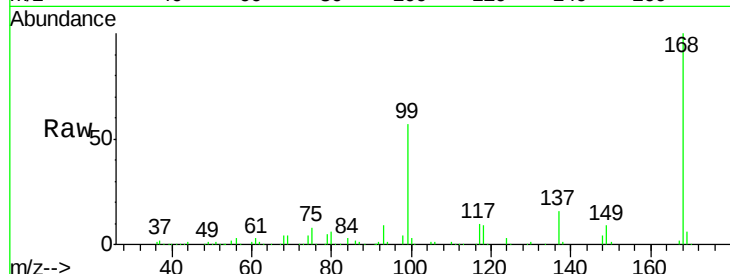
99 56.5 46.0 69.0

Manual Integrations

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3/29/2019 10:52:14 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

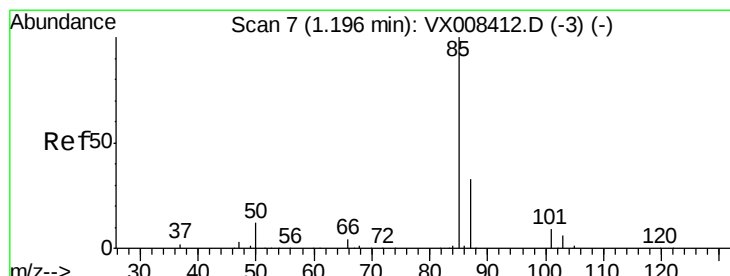
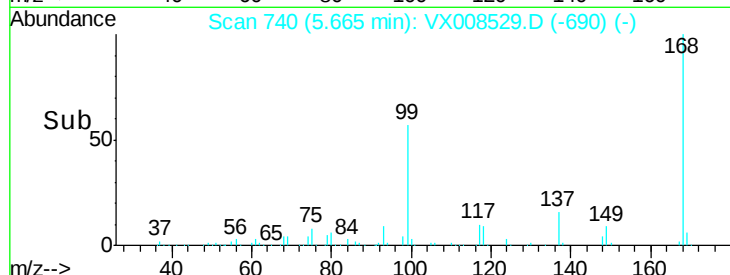
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 16.197 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008529.D

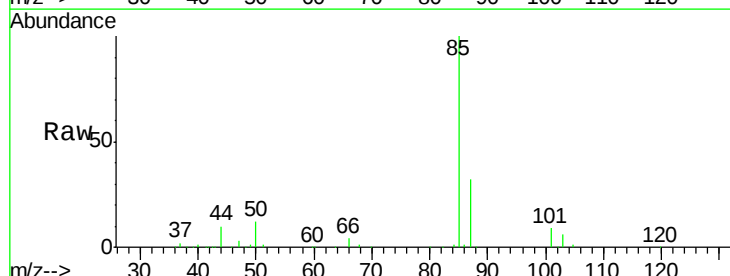
Acq: 28 Mar 2019 18:56

Tgt Ion: 85 Resp: 35553

Ion Ratio Lower Upper

85 100

87 32.0 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

40000

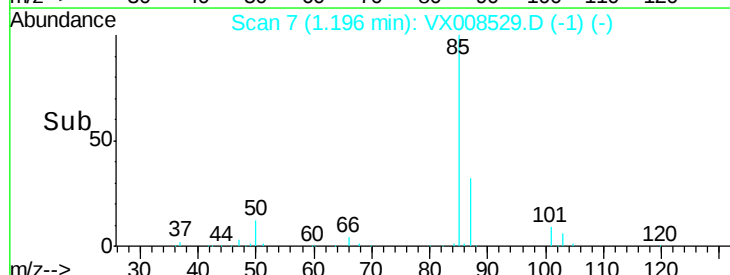
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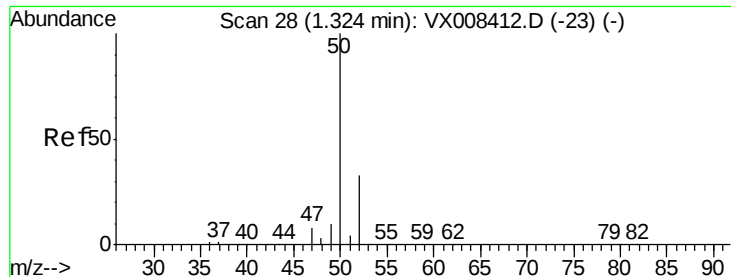
20000

10000

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Time-->





#3

Chloromethane

Concen: 17.424 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008529.D

Acq: 28 Mar 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBSD01

Tot Ion: 50 Resp: 49429

Ion Ratio Lower Upper

50 100

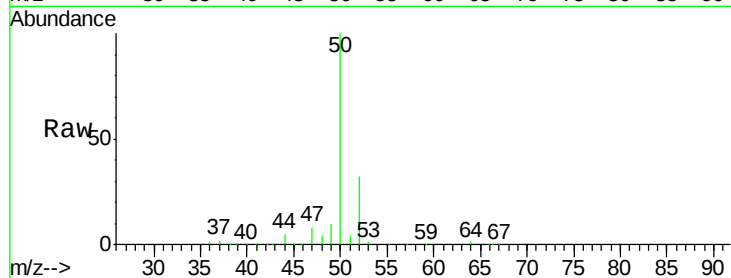
52 32.1 26.2 39.2

Manual Integrations

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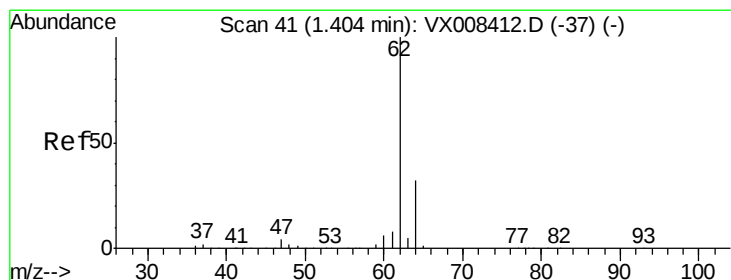
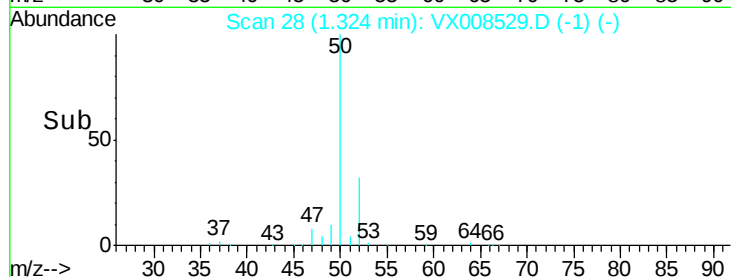
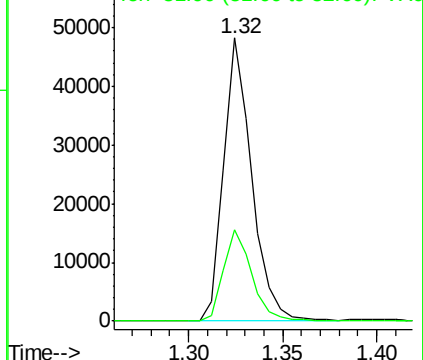
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 16.397 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX008529.D

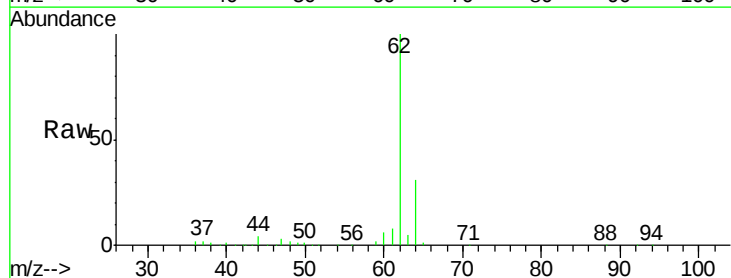
Acq: 28 Mar 2019 18:56

Tgt Ion: 62 Resp: 50254

Ion Ratio Lower Upper

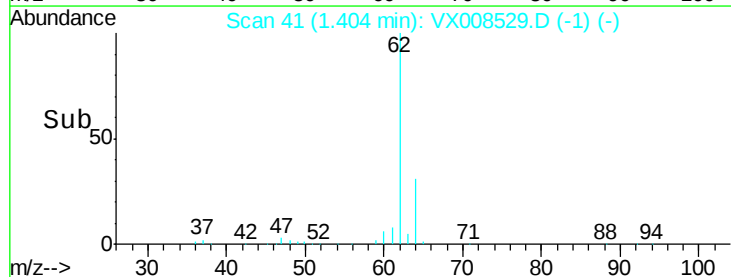
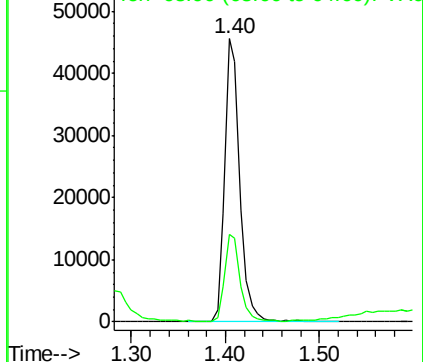
62 100

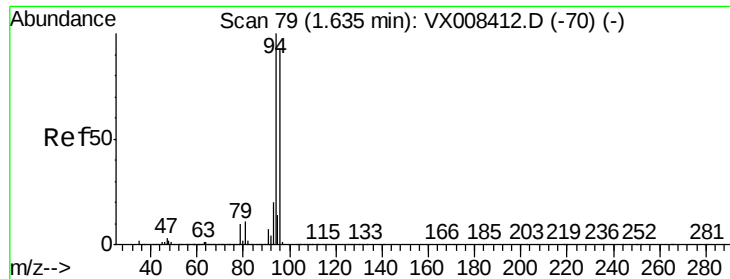
64 30.6 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 12.305 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008529.D

Acq: 28 Mar 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBSD01

Tot Ion: 94 Resp: 17519

Ion Ratio Lower Upper

94 100

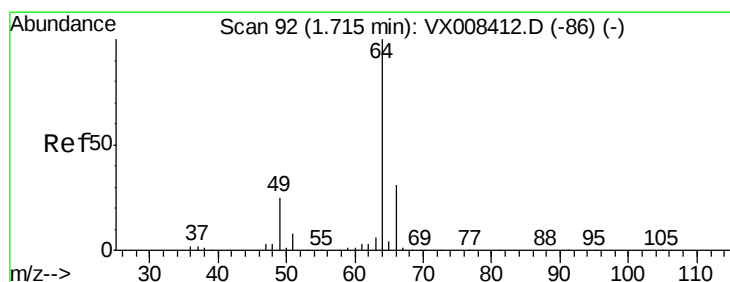
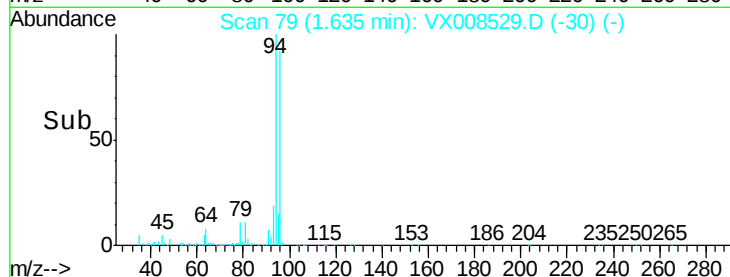
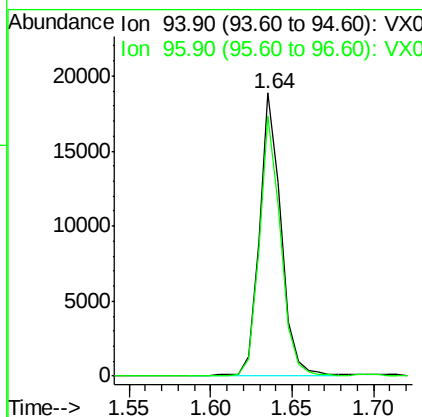
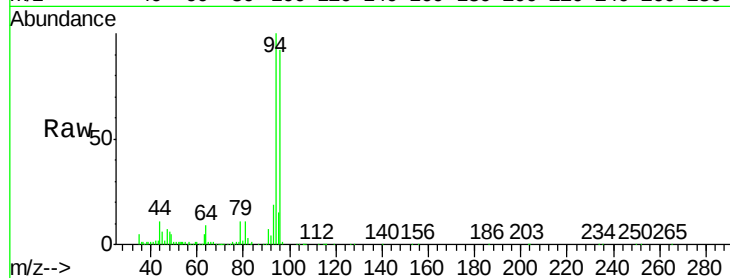
96 92.1 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 17.980 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008529.D

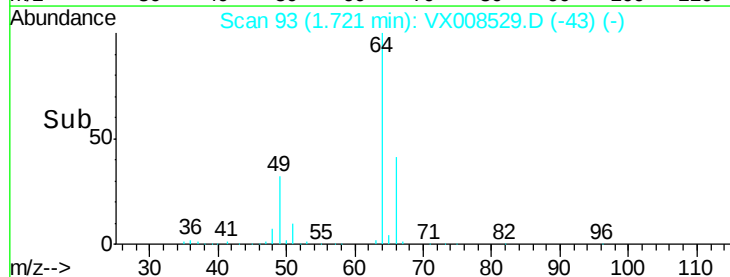
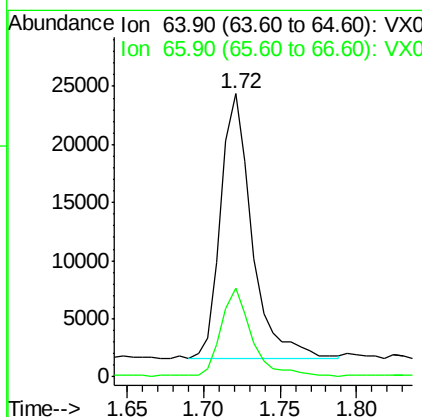
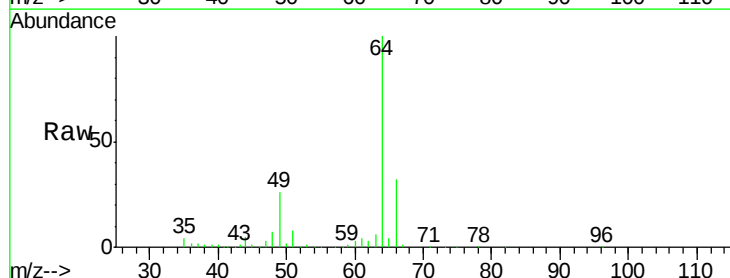
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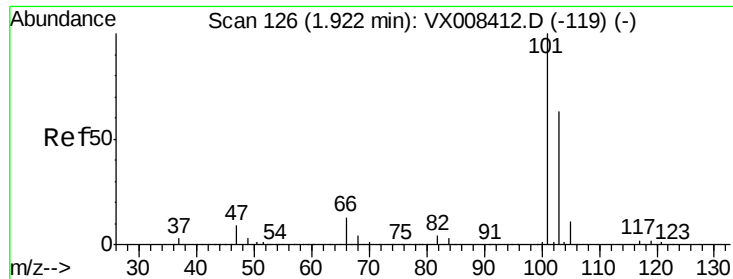
Tgt Ion: 64 Resp: 32645

Ion Ratio Lower Upper

64 100

66 33.4 25.1 37.7





#7

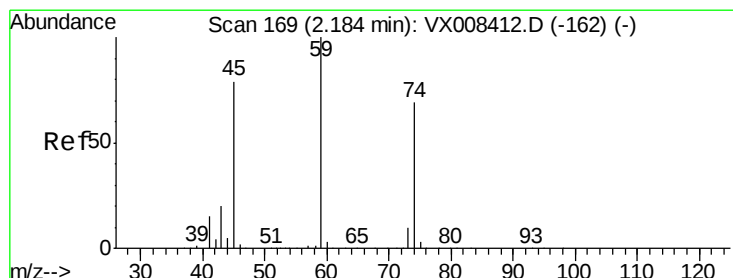
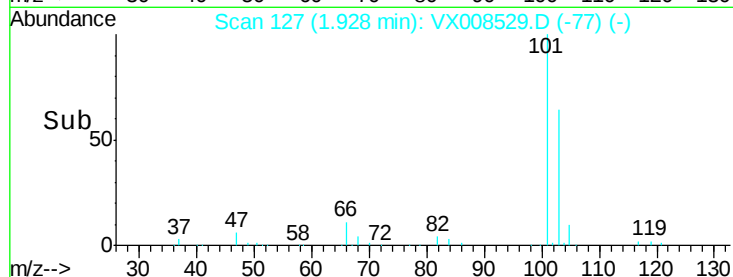
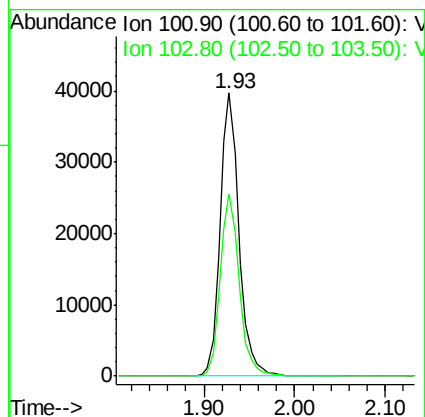
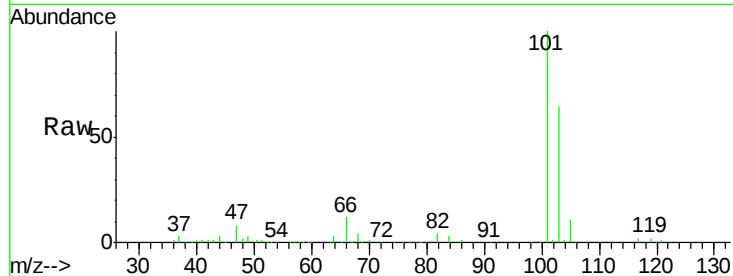
Trichlorofluoromethane
 Concen: 16.557 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX008529.D
 Acq: 28 Mar 2019 18:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBSD01

Tot Ion:101 Resp: 57471
 Ion Ratio Lower Upper
 101 100
 103 64.2 50.2 75.4

Manual Integrations
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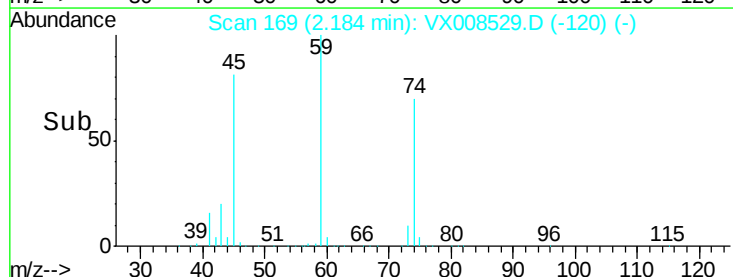
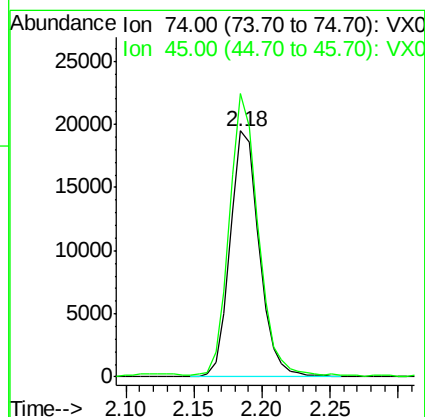
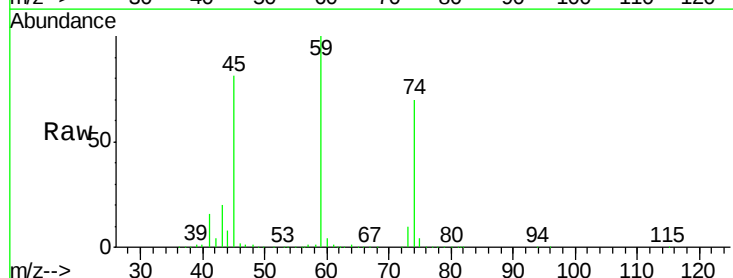
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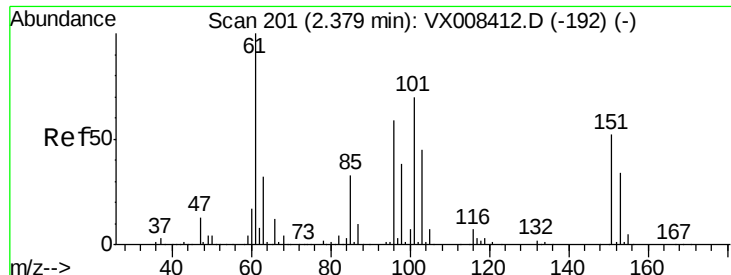


#8

Diethyl Ether
 Concen: 17.693 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX008529.D
 Acq: 28 Mar 2019 18:56

Tgt Ion: 74 Resp: 29065
 Ion Ratio Lower Upper
 74 100
 45 113.6 56.4 169.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.877 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX008529.D

Acq: 28 Mar 2019 18:56

Instrument :

MSVOA_X

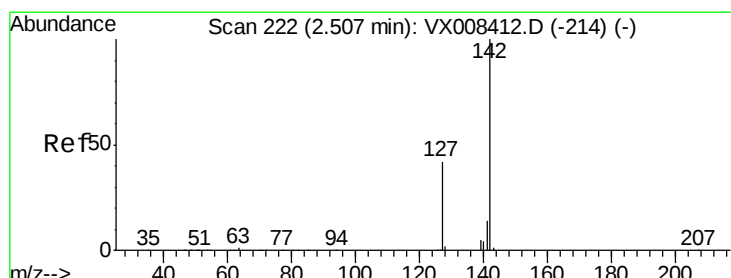
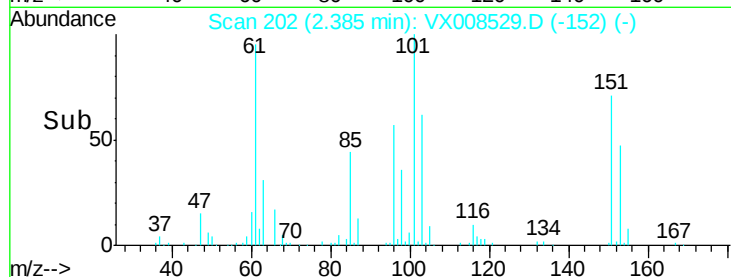
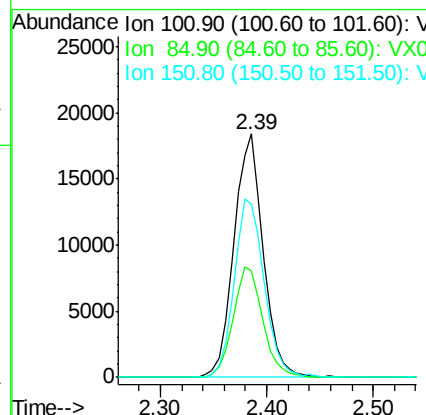
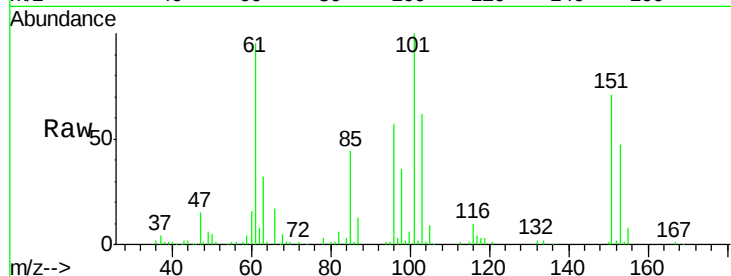
ClientSampleId :

VX0328WBSD01

Tot Ion:	101	Resp:	35405
Ion Ratio	Lower	Upper	
101	100		
85	46.1	36.0	54.0
151	75.5	59.2	88.8

Manual Integrations
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#10

Methyl Iodide

Concen: 10.454 ug/l

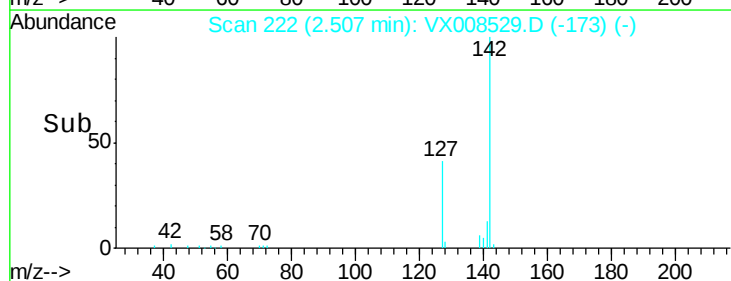
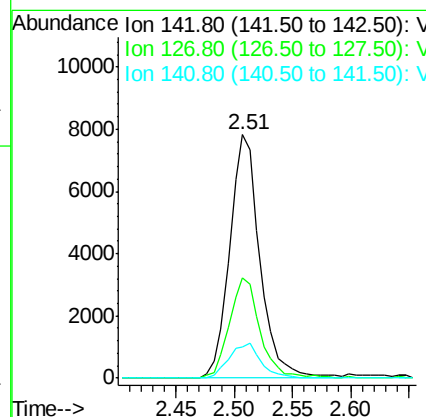
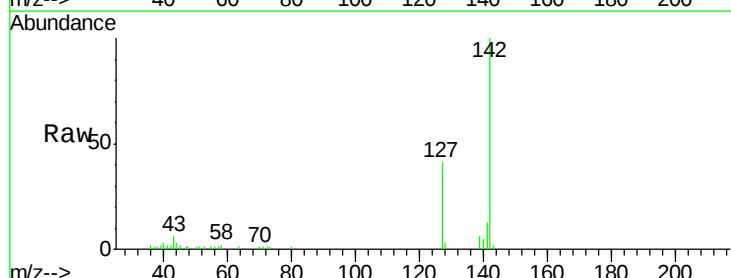
RT: 2.51 min Scan# 222

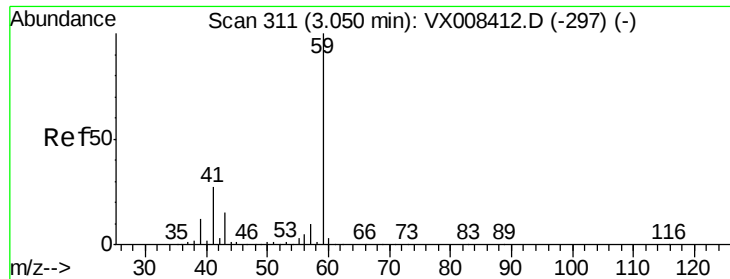
Delta R.T. 0.00 min

Lab File: VX008529.D

Acq: 28 Mar 2019 18:56

Tgt Ion:	142	Resp:	14072
Ion Ratio	Lower	Upper	
142	100		
127	42.0	33.6	50.4
141	15.0	11.3	16.9





#11

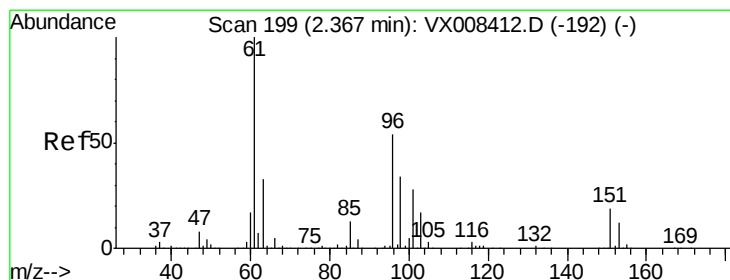
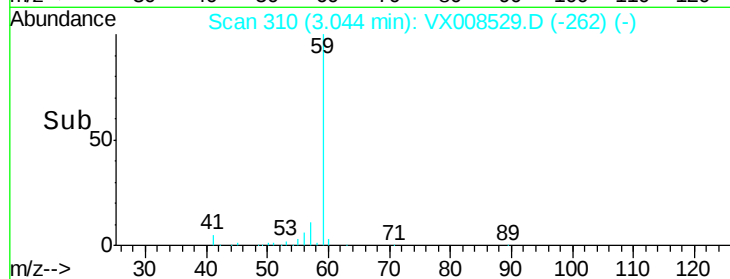
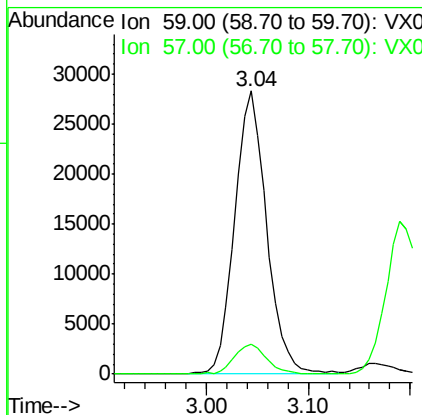
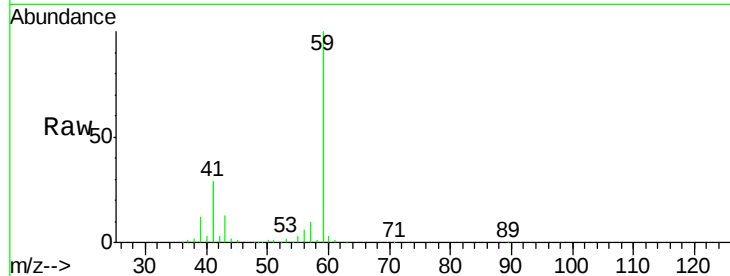
Tert butyl alcohol
Concen: 98.541 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX008529.D
Acq: 28 Mar 2019 18:56

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBSD01

Tot Ion: 59 Resp: 61637
Ion Ratio Lower Upper
59 100
57 10.9 8.2 12.4

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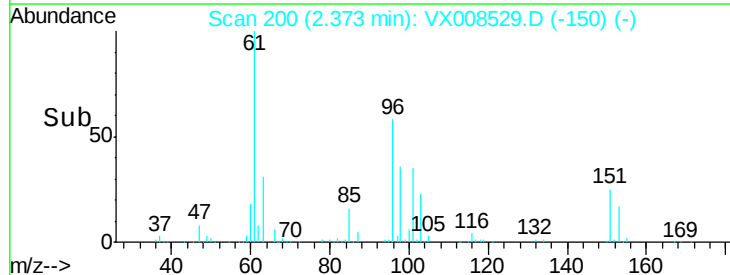
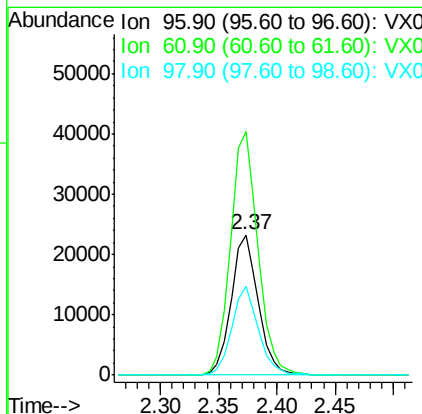
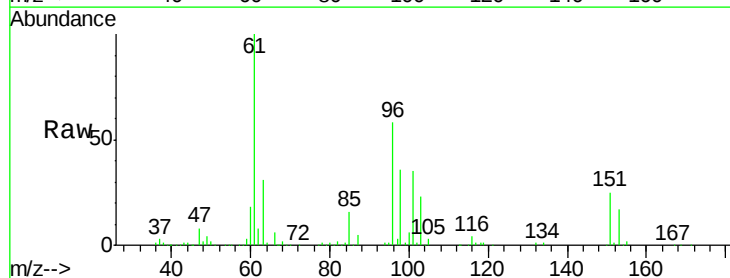
MMDadoda
3/29/2019 10:52:14 AM

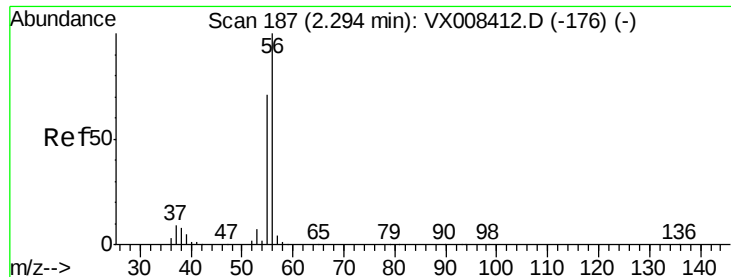


#12

1,1-Dichloroethene
Concen: 17.323 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX008529.D
Acq: 28 Mar 2019 18:56

Tgt Ion: 96 Resp: 37530
Ion Ratio Lower Upper
96 100
61 173.6 146.9 220.3
98 63.0 50.1 75.1





#13

Acrolein

Concen: 80.102 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008529.D

Acq: 28 Mar 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBSD01

Tot Ion: 56 Resp: 36385

Ion Ratio Lower Upper

56 100

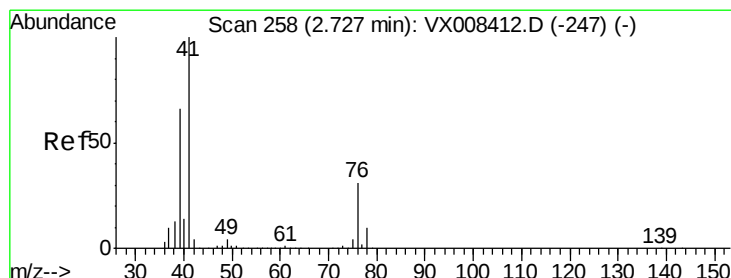
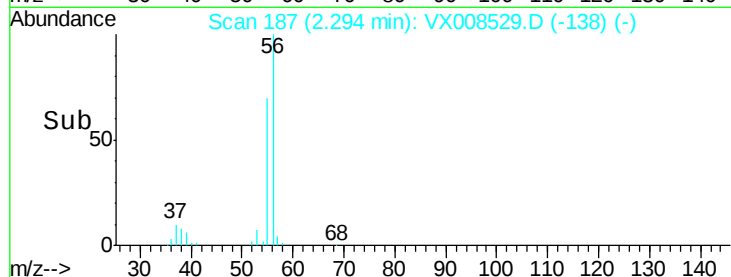
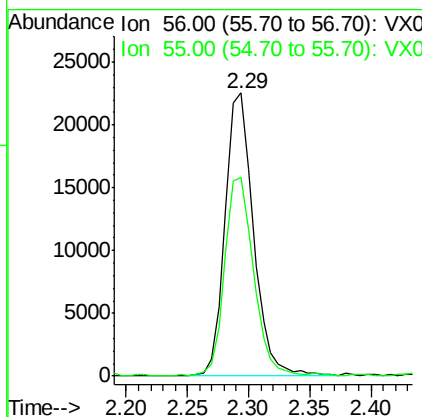
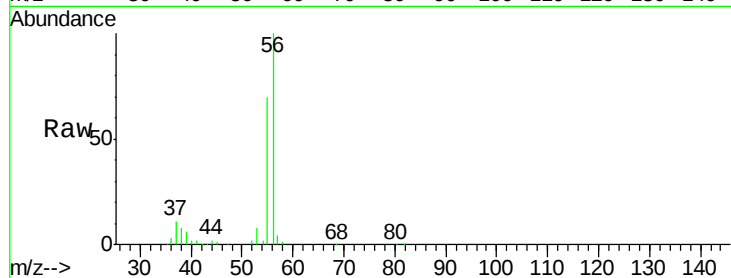
55 70.8 56.5 84.7

Manual Integrations

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#14

Allyl chloride

Concen: 17.561 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX008529.D

Acq: 28 Mar 2019 18:56

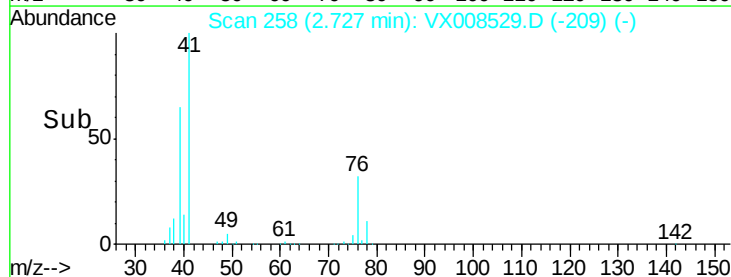
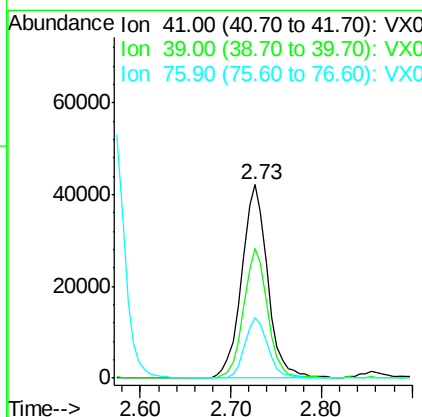
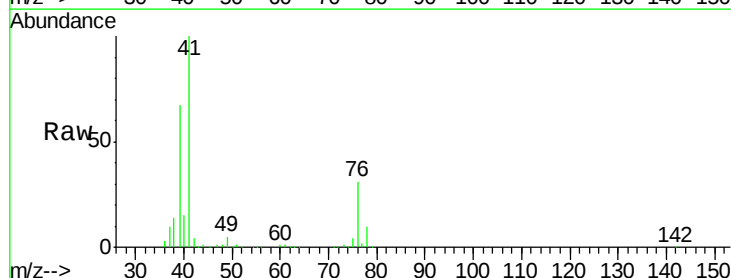
Tgt Ion: 41 Resp: 83817

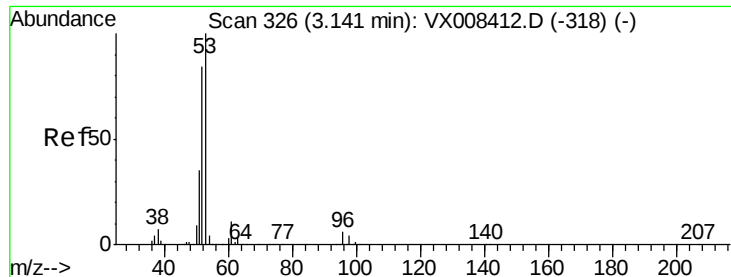
Ion Ratio Lower Upper

41 100

39 61.4 49.6 74.4

76 28.0 22.6 34.0





#15

Acrylonitrile

Concen: 93.216 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX008529.D

Acq: 28 Mar 2019 18:56

Instrument :

MSVOA_X

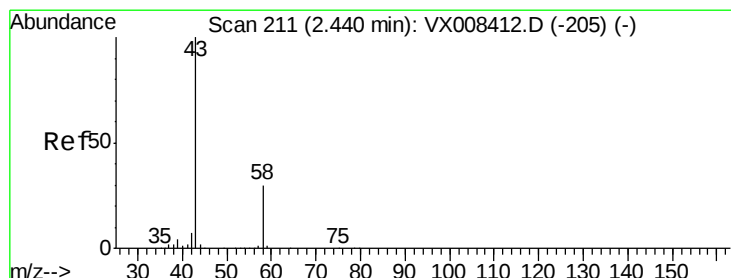
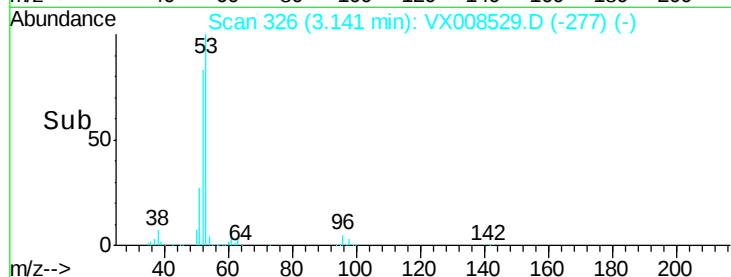
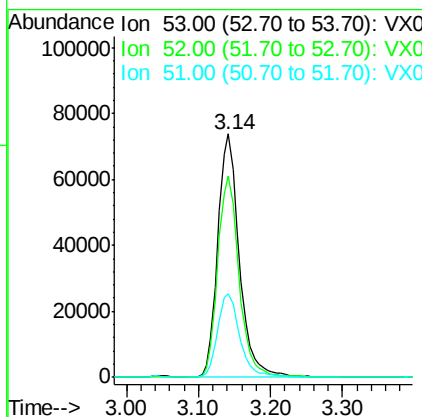
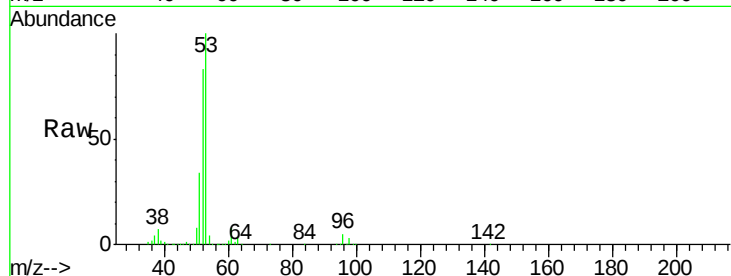
ClientSampleId :

VX0328WBSD01

Tot Ion:	53	Resp:	152890
Ion Ratio	Lower	Upper	
53	100		
52	82.9	66.5	99.7
51	36.0	28.3	42.5

Manual Integrations
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#16

Acetone

Concen: 89.097 ug/l

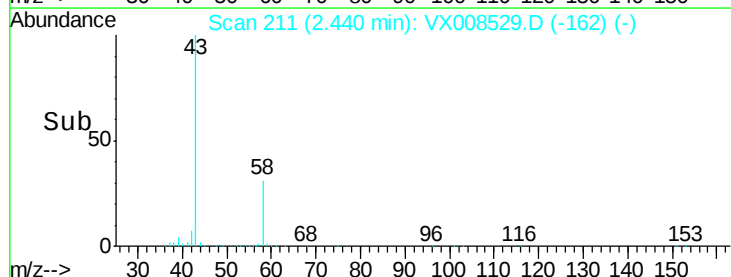
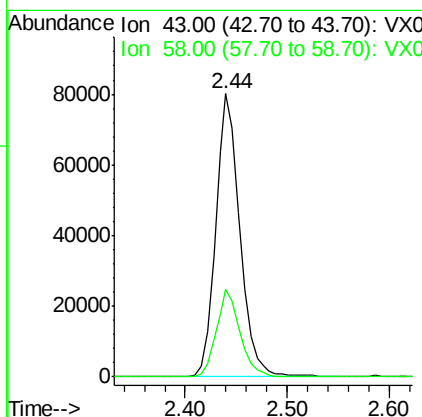
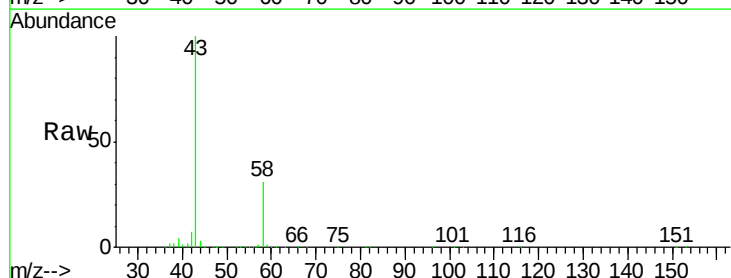
RT: 2.44 min Scan# 211

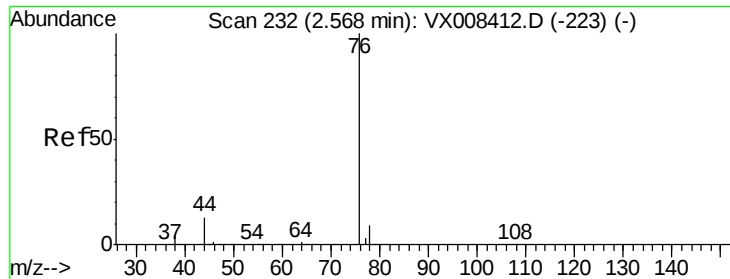
Delta R.T. 0.00 min

Lab File: VX008529.D

Acq: 28 Mar 2019 18:56

Tgt Ion:	43	Resp:	131468
Ion Ratio	Lower	Upper	
43	100		
58	30.8	24.2	36.2





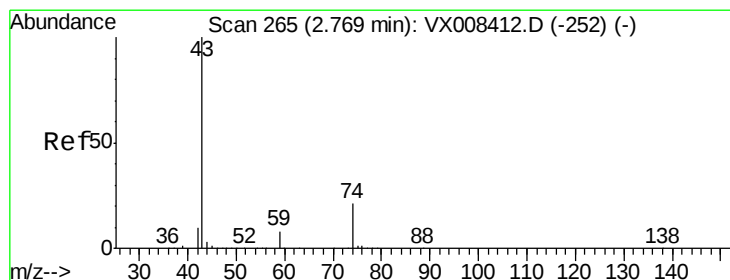
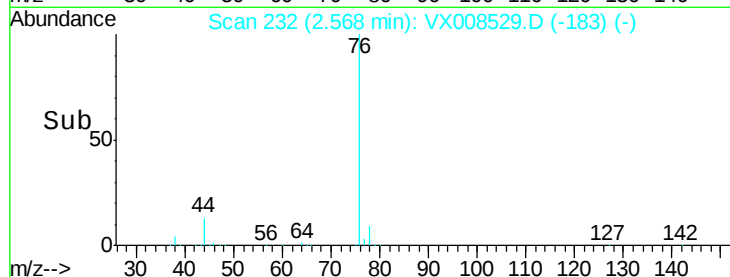
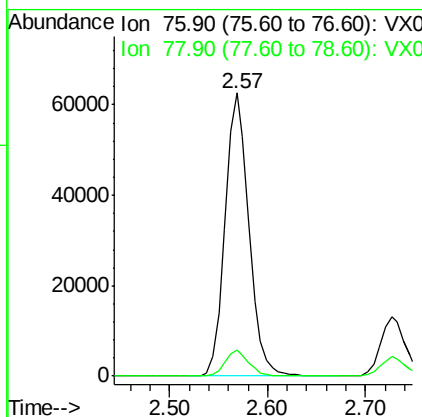
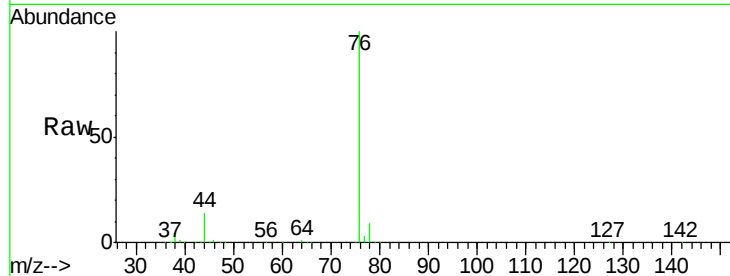
#17
Carbon Disulfide
Concen: 16.727 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008529.D
Acq: 28 Mar 2019 18:56

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.4	11.2

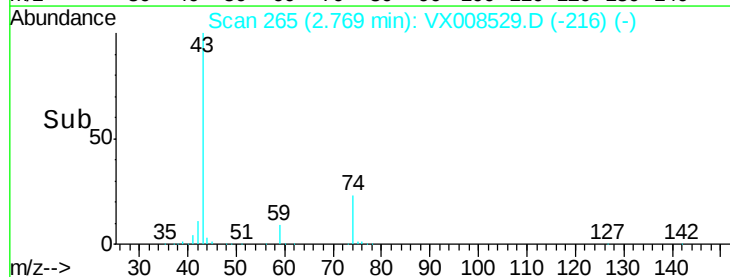
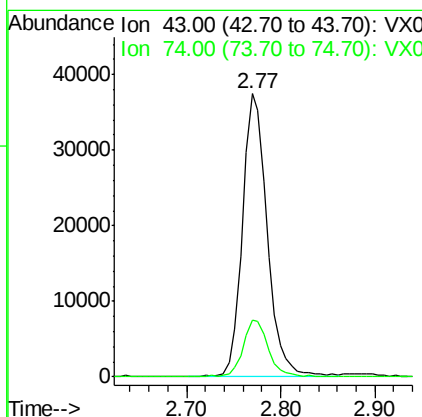
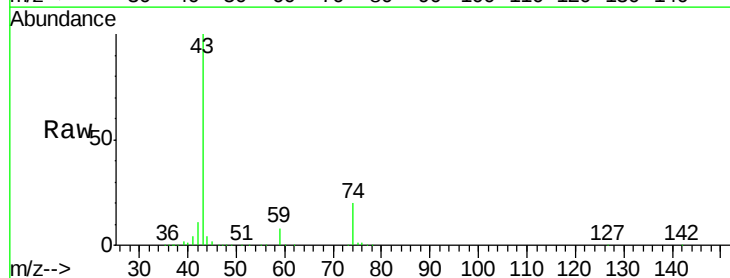
Manual Integrations
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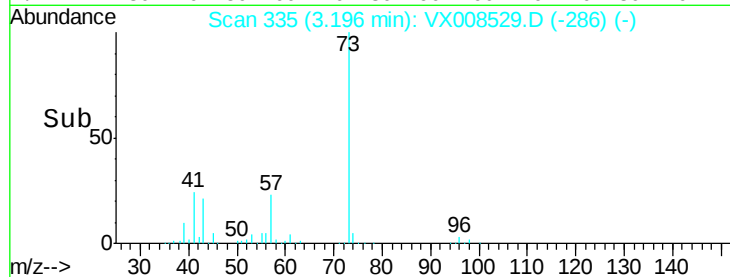
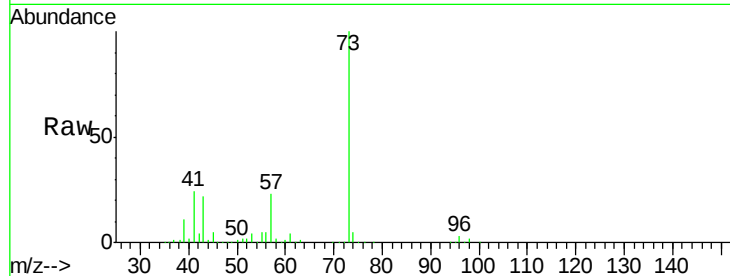
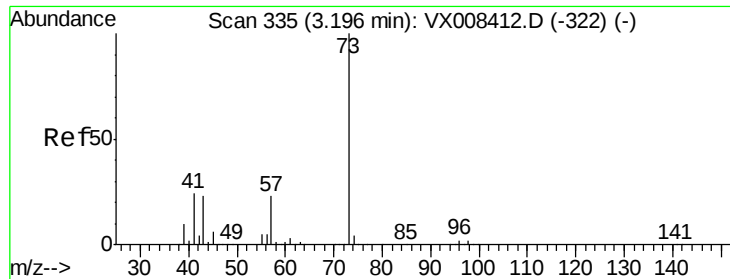
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#18
Methyl Acetate
Concen: 19.276 ug/l
RT: 2.77 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX008529.D
Acq: 28 Mar 2019 18:56

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.8	16.7	25.1





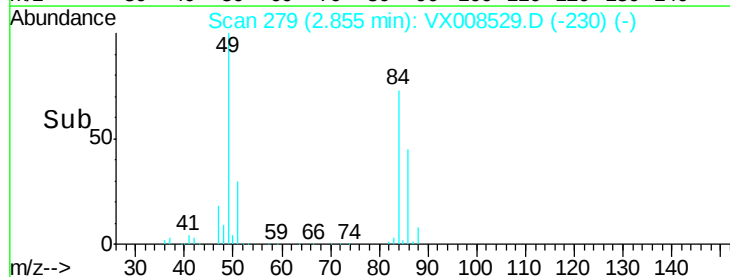
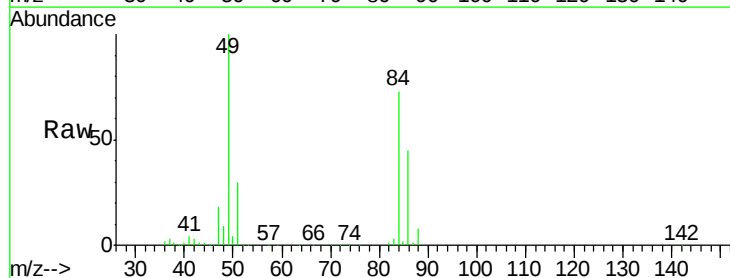
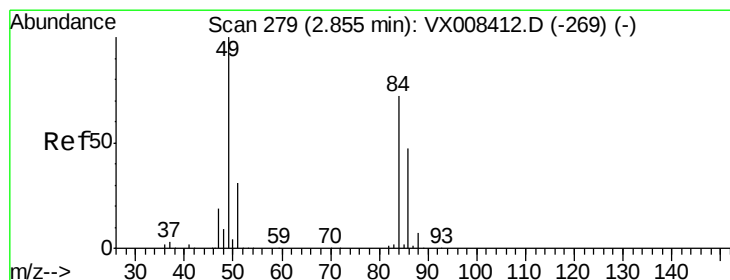
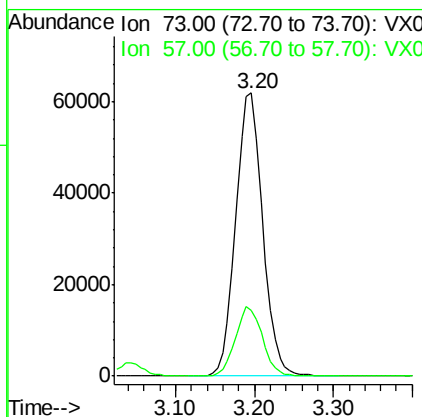
#19
Methvl tert-butvl Ether
Concen: 18.890 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX008529.D
Acq: 28 Mar 2019 18:56

Tot Ion: 73 Resp: 147477
Ion Ratio Lower Upper
73 100
57 23.4 18.6 28.0

Instrument :
MSVOA_X
ClientSampled :
VX0328WBSD01

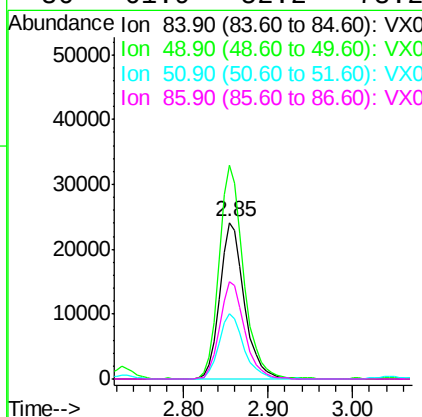
Manual Integrations
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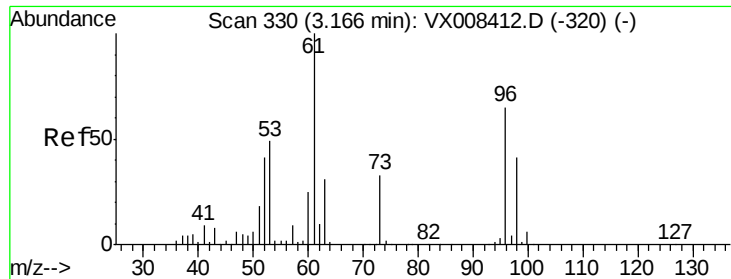
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#20
Methylene Chloride
Concen: 19.618 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX008529.D
Acq: 28 Mar 2019 18:56

Tgt Ion: 84 Resp: 48181
Ion Ratio Lower Upper
84 100
49 136.4 110.6 165.8
51 41.2 33.9 50.9
86 61.9 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 18.261 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008529.D

Acq: 28 Mar 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBSD01

Tot Ion: 96 Resp: 39793

Ion Ratio Lower Upper

96 100

61 157.0 122.6 184.0

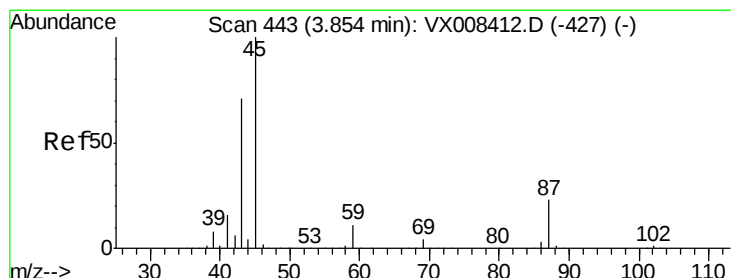
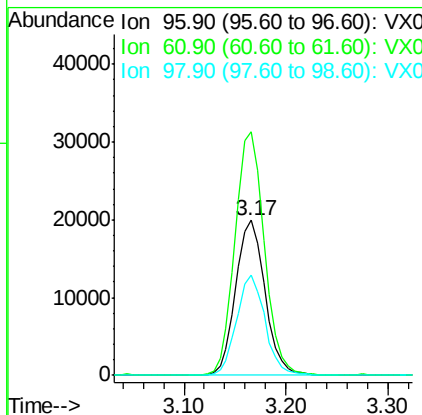
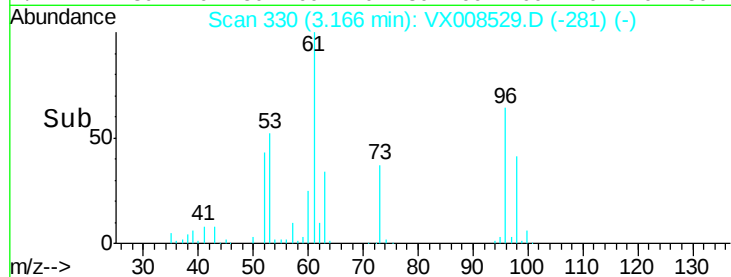
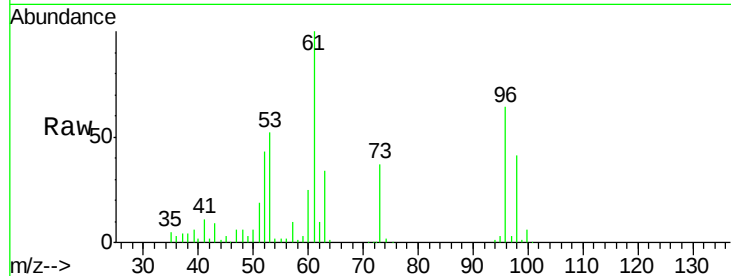
98 64.7 50.9 76.3

Manual Integrations

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#22

Diisopropyl ether

Concen: 18.821 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX008529.D

Acq: 28 Mar 2019 18:56

Tgt Ion: 45 Resp: 176881

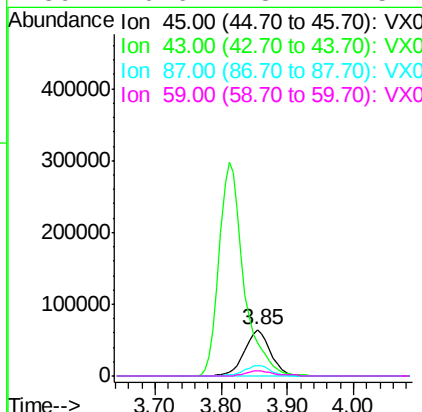
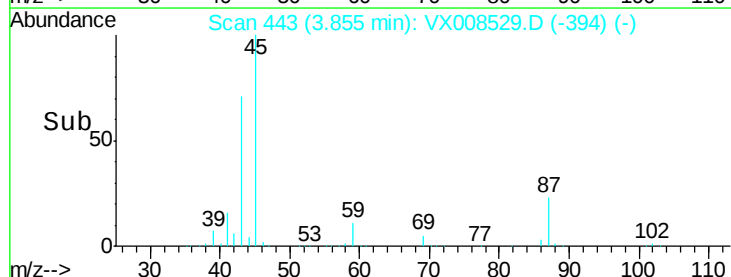
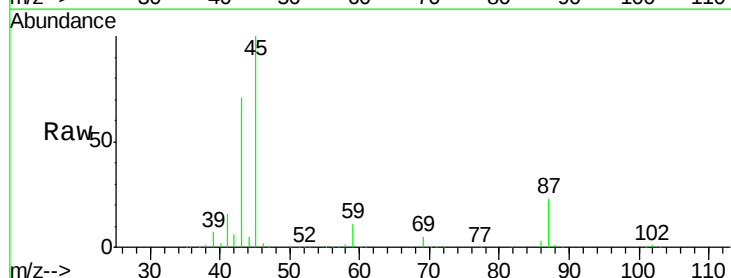
Ion Ratio Lower Upper

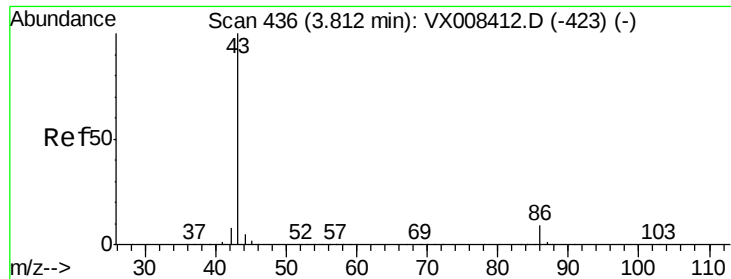
45 100

43 71.0 57.1 85.7

87 22.9 18.8 28.2

59 10.6 8.7 13.1





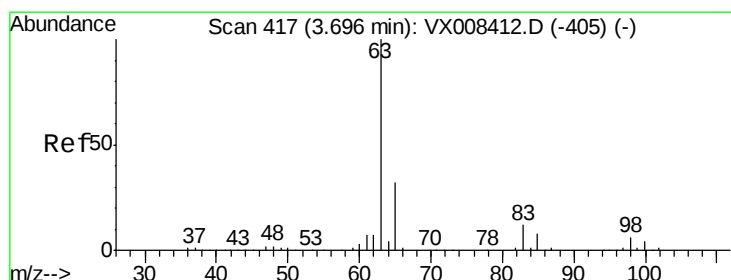
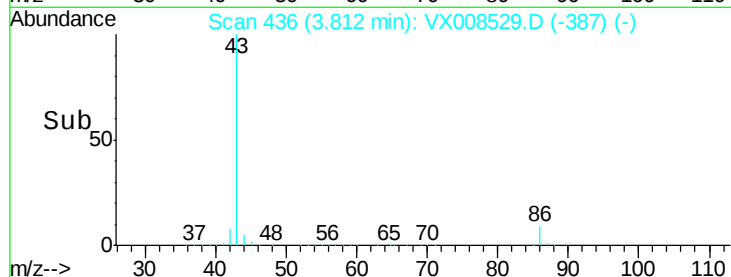
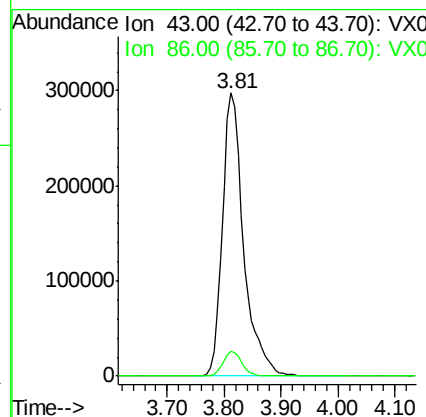
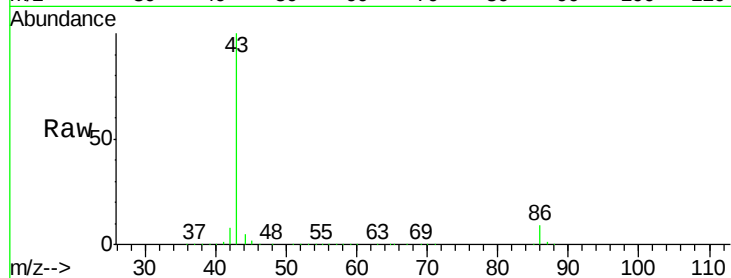
#23
 Vinyl Acetate
 Concen: 94.051 ug/l
 RT: 3.81 min Scan# 436
 Delta R.T. 0.00 min
 Lab File: VX008529.D
 Acq: 28 Mar 2019 18:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBSD01

Tot Ion	43	Resp	771168
Ion Ratio	100	Lower	Upper
43	100		
86	8.7	6.9	10.3

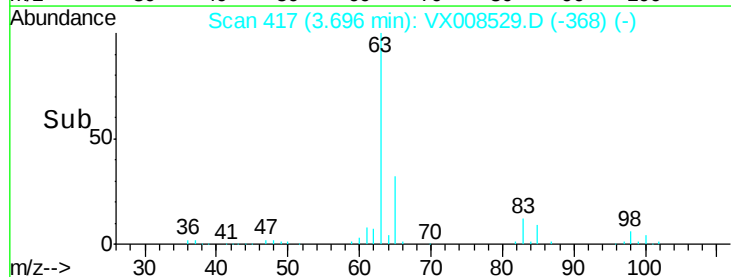
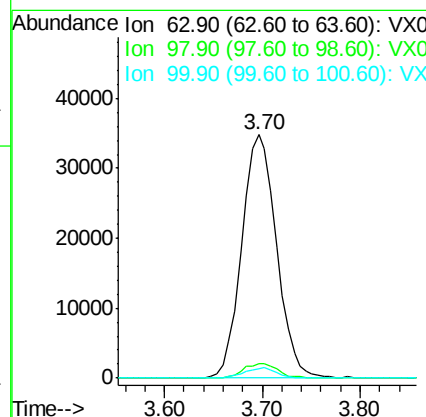
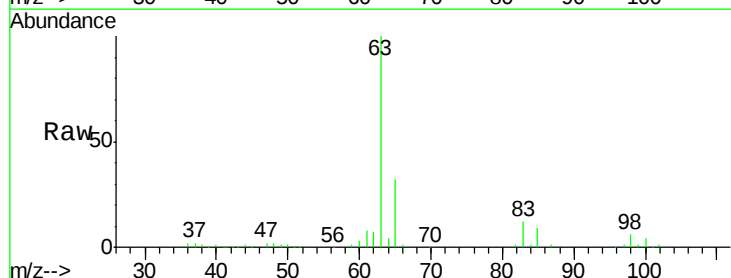
Manual Integrations
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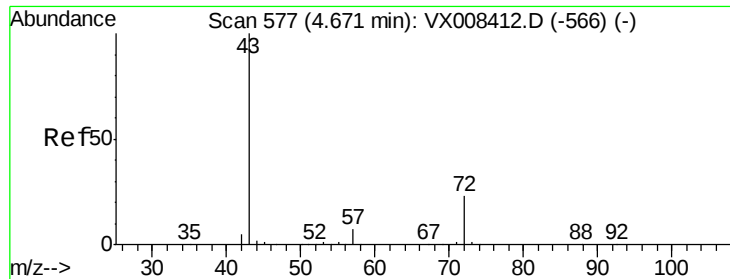
MMDadoda
 3/29/2019 10:52:14 AM



#24
 1,1-Dichloroethane
 Concen: 18.092 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX008529.D
 Acq: 28 Mar 2019 18:56

Tgt Ion	63	Resp	85842
Ion Ratio	100	Lower	Upper
63	100		
98	6.2	3.2	9.6
100	3.6	2.0	5.8





#25

2-Butanone

Concen: 93.888 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX008529.D

Acq: 28 Mar 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBSD01

Tot Ion: 43 Resp: 222099

Ion Ratio Lower Upper

43 100

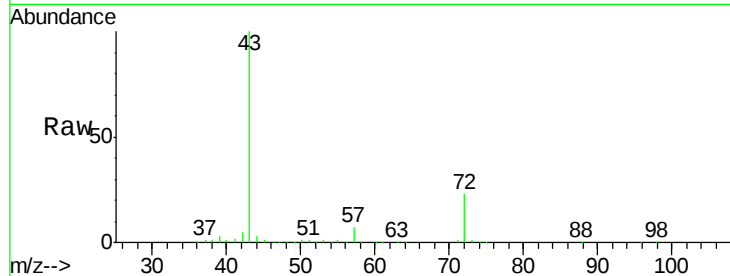
72 22.7 18.6 28.0

Manual Integrations

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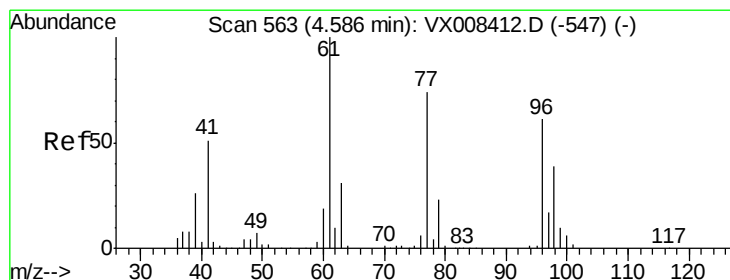
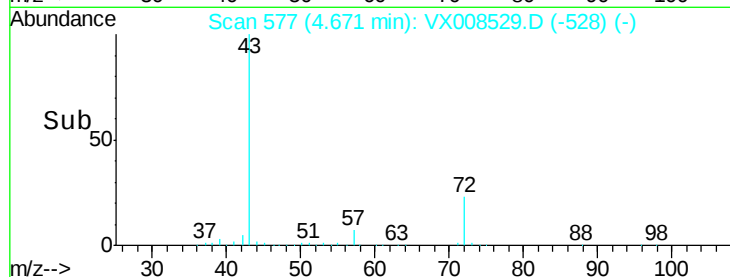
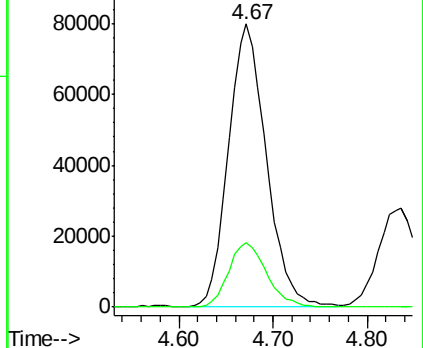
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 15.624 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008529.D

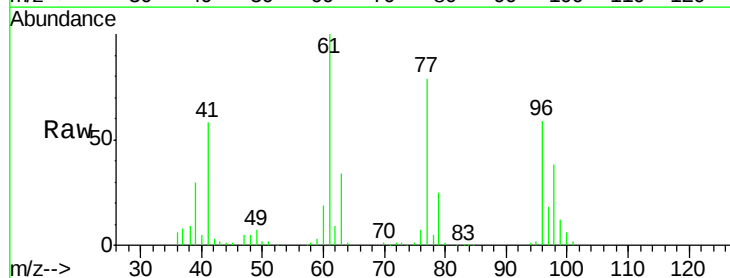
Acq: 28 Mar 2019 18:56

Tgt Ion: 77 Resp: 49307

Ion Ratio Lower Upper

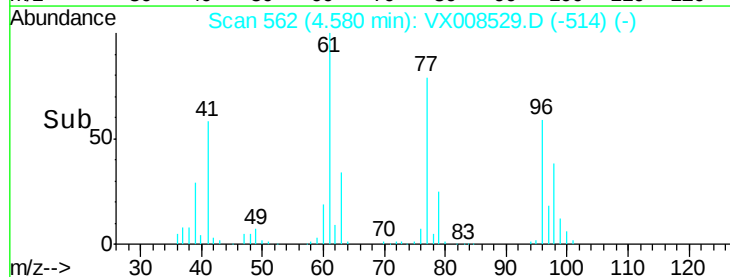
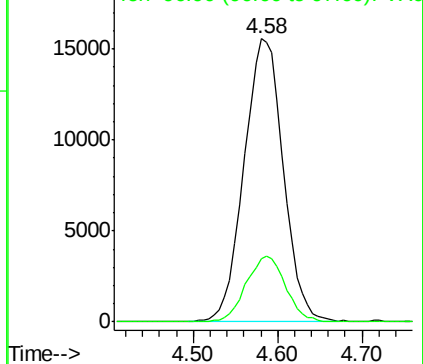
77 100

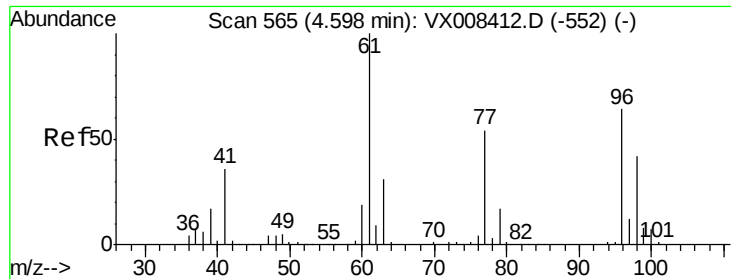
97 23.4 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

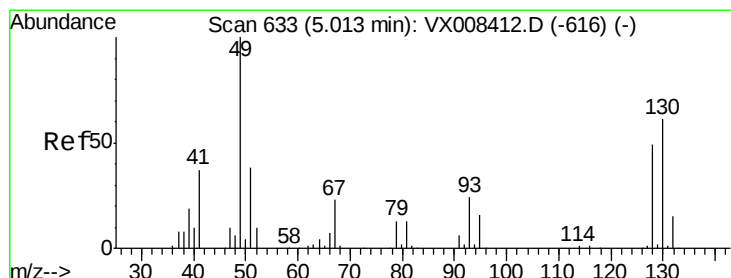
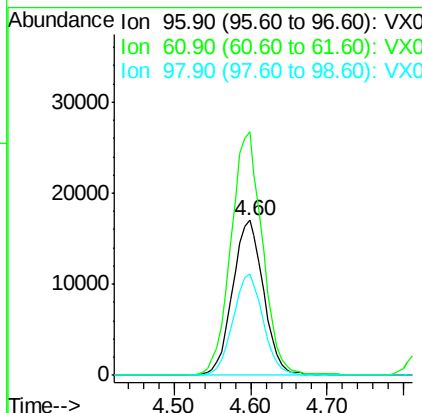
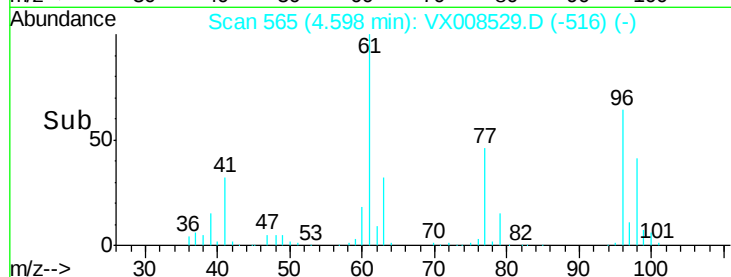
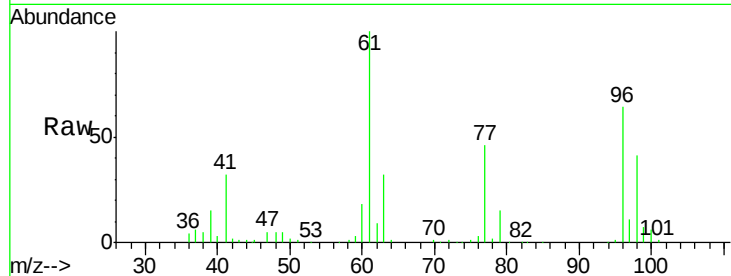
cis-1,2-Dichloroethene
Concen: 18.029 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX008529.D
Acq: 28 Mar 2019 18:56

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	47762		
61	159.8	0.0	325.6	
98	63.9	0.0	130.0	

Manual Integrations
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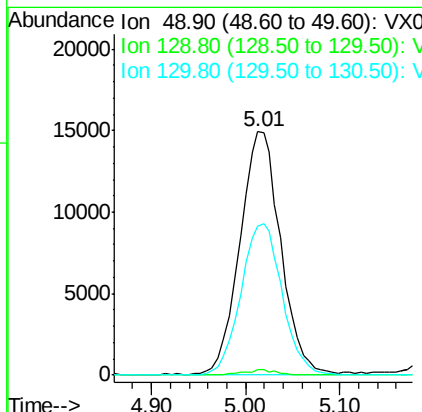
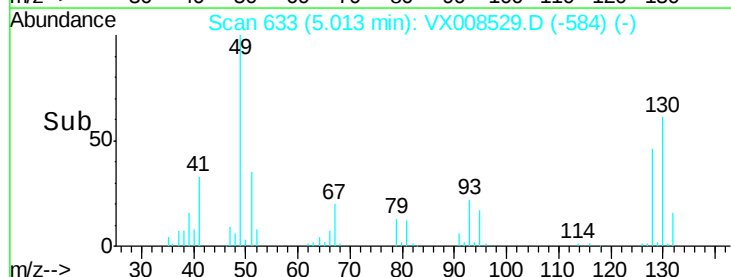
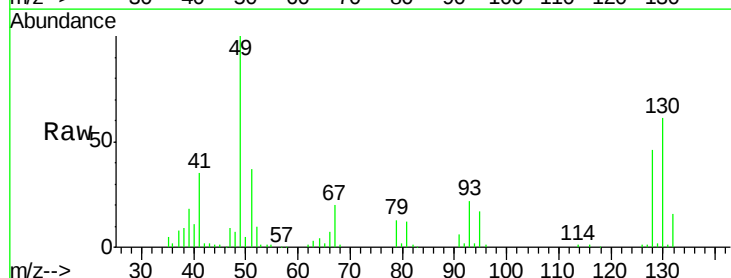
MMDadoda
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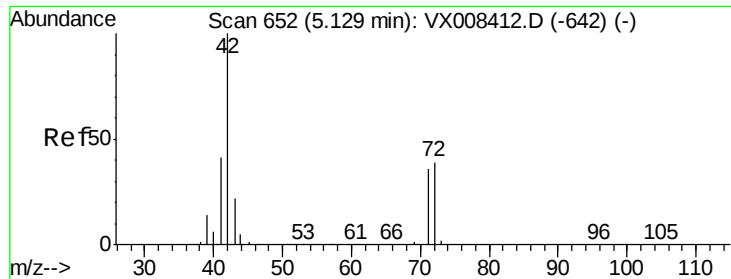


#28

Bromochloromethane
Concen: 19.341 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX008529.D
Acq: 28 Mar 2019 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	45338		
129	1.8	0.0	3.4	
130	62.7	49.8	74.6	





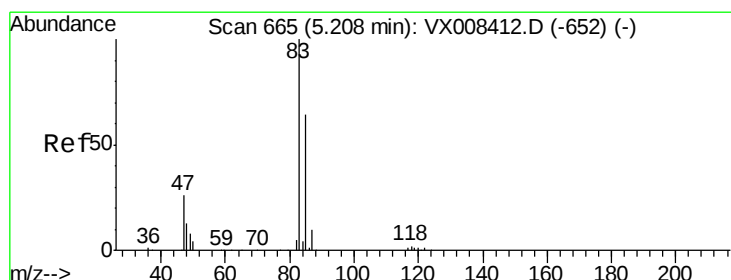
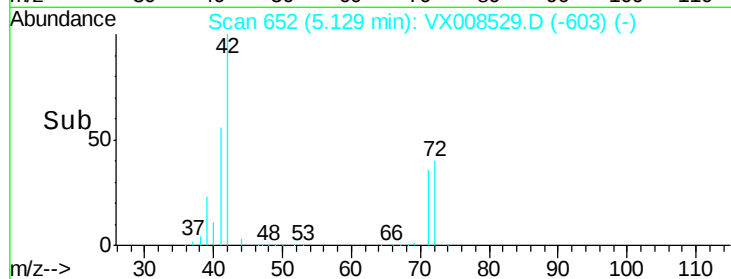
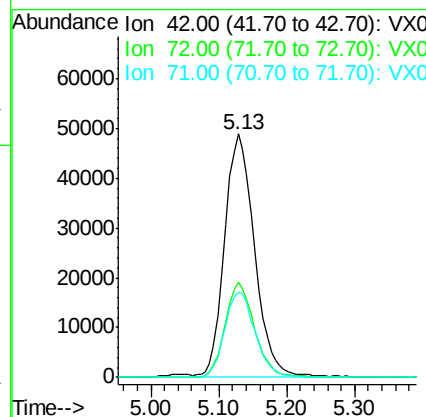
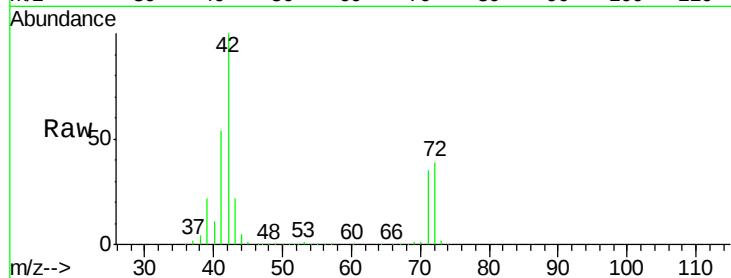
#29
Tetrahydrofuran
Concen: 94.628 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX008529.D
Acq: 28 Mar 2019 18:56

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.1	31.4	47.2
71	36.0	29.4	44.2

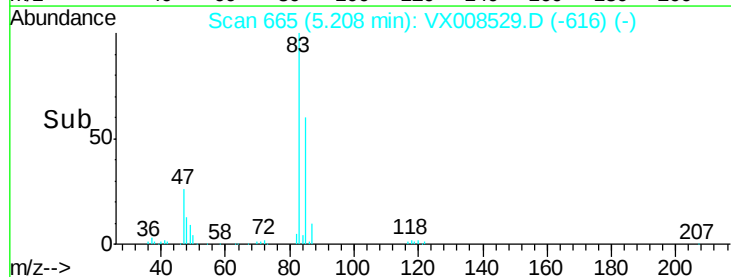
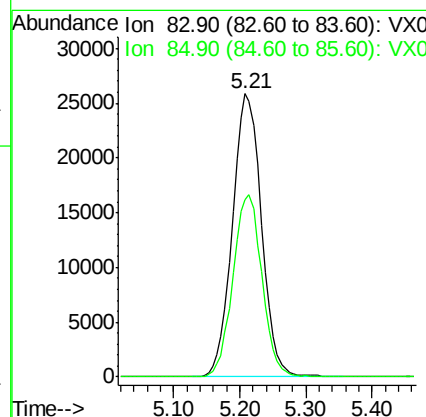
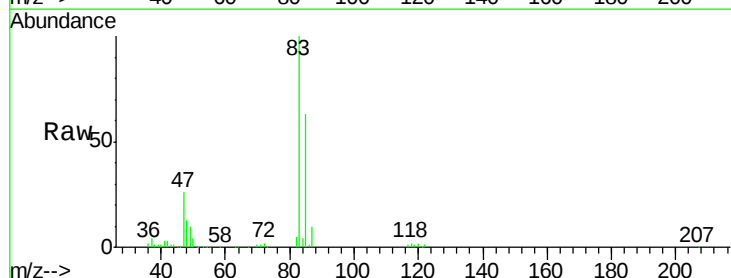
Manual Integrations
APPROVED

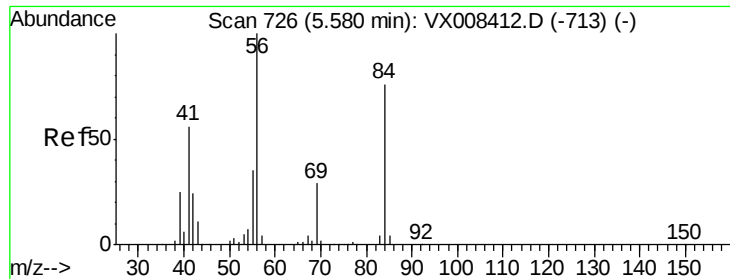
MMDadoda
3/29/2019 10:52:14 AM



#30
Chloroform
Concen: 18.355 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX008529.D
Acq: 28 Mar 2019 18:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.4	77.2





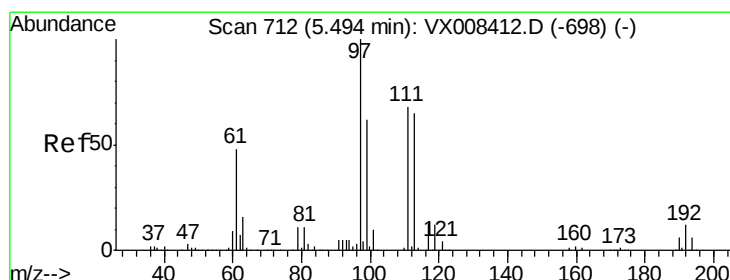
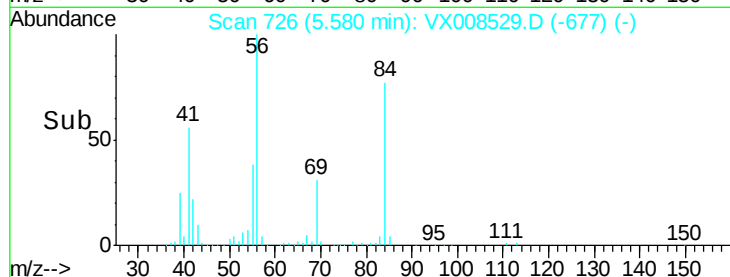
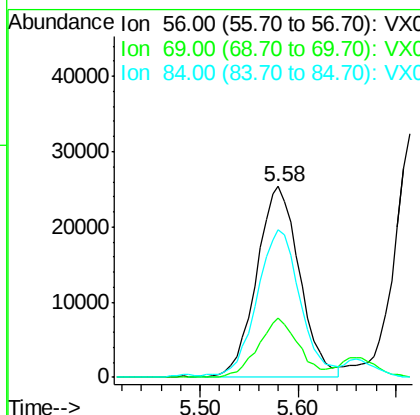
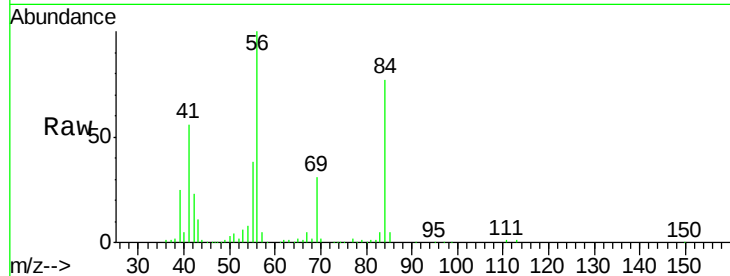
#31
Cyclohexane
Concen: 17.025 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX008529.D
Acq: 28 Mar 2019 18:56

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.1	23.2	34.8
84	76.3	60.7	91.1

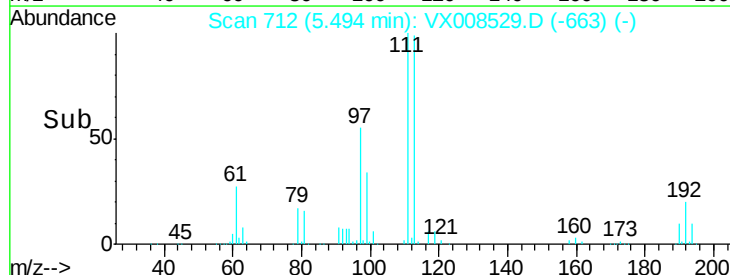
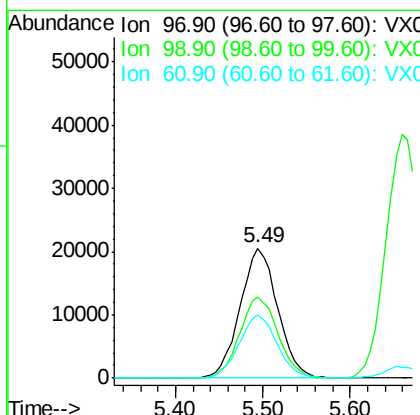
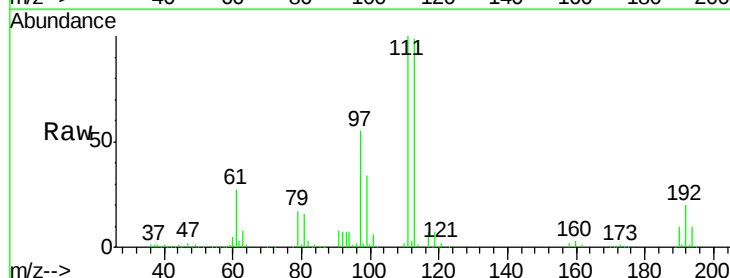
Manual Integrations
APPROVED

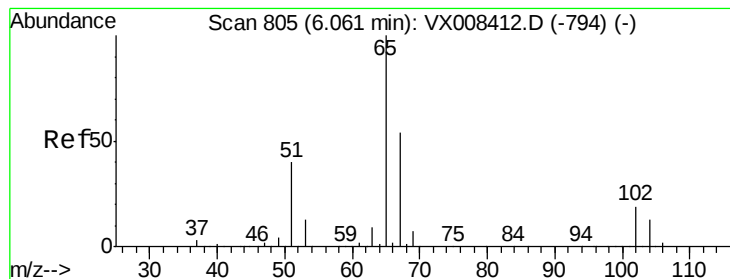
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 17.917 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX008529.D
Acq: 28 Mar 2019 18:56

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.5	77.3
61	49.7	38.8	58.2





#33

1,2-Dichloroethane-d4

Concen: 50.829 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX008529.D

Acq: 28 Mar 2019 18:56

Tot Ion: 65 Resp: 143500

Ion Ratio Lower Upper

65 100

67 54.3 0.0 109.4

Instrument :

MSVOA_X

ClientSampleId :

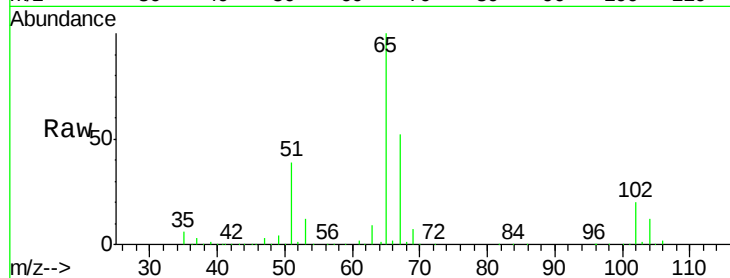
VX0328WBSD01

Manual Integrations

APPROVED

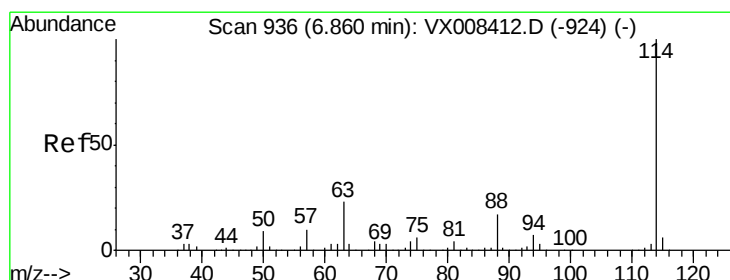
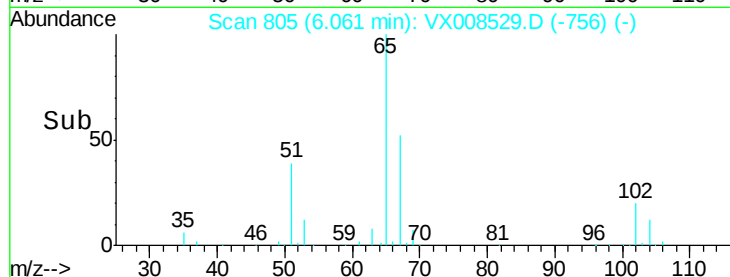
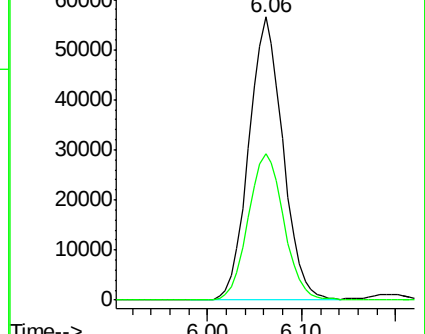
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008529.D

Acq: 28 Mar 2019 18:56

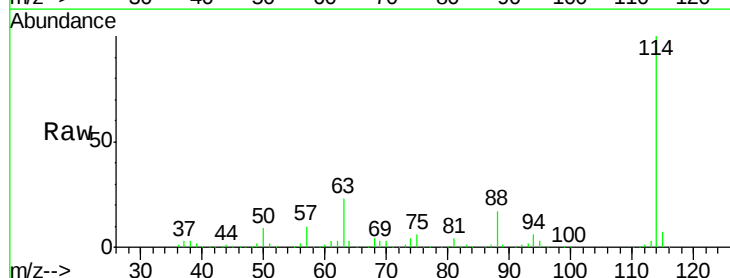
Tgt Ion: 114 Resp: 323591

Ion Ratio Lower Upper

114 100

63 23.5 0.0 46.4

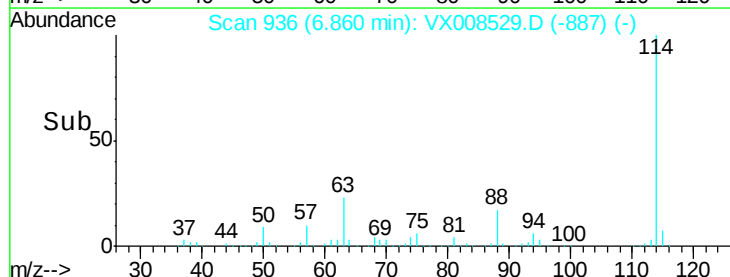
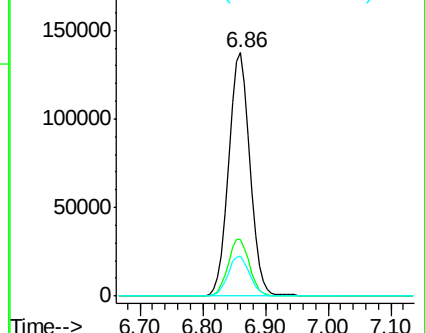
88 16.5 0.0 33.2

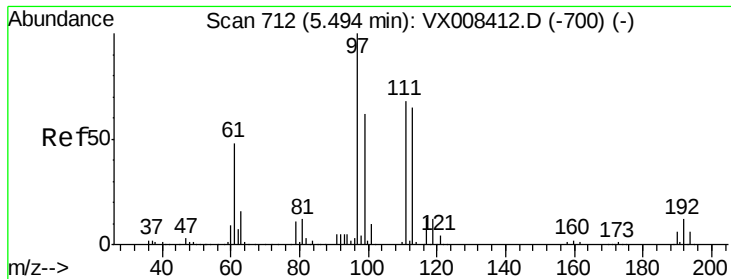


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.100 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX008529.D

Acq: 28 Mar 2019 18:56

Instrument :

MSVOA_X

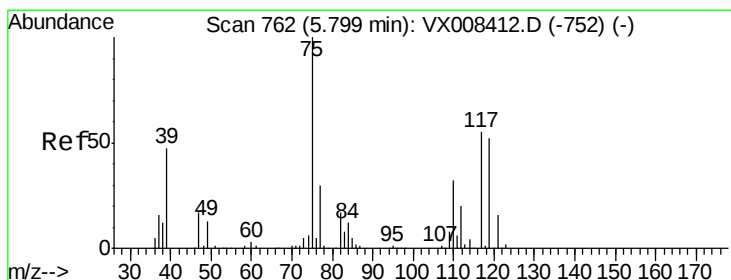
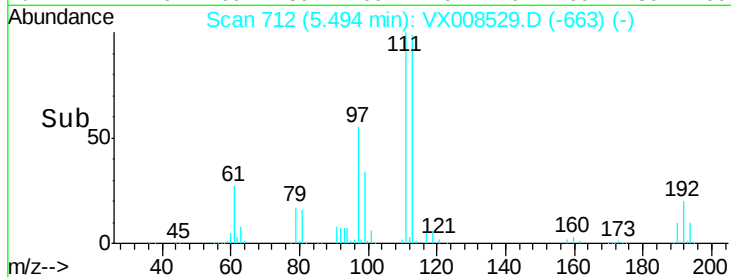
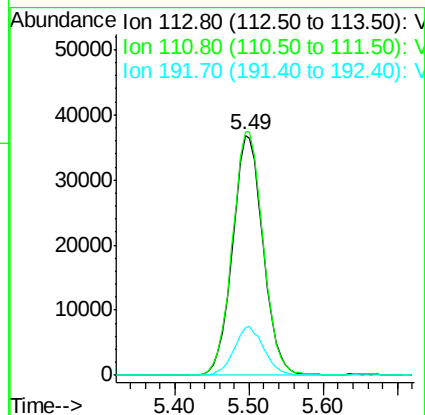
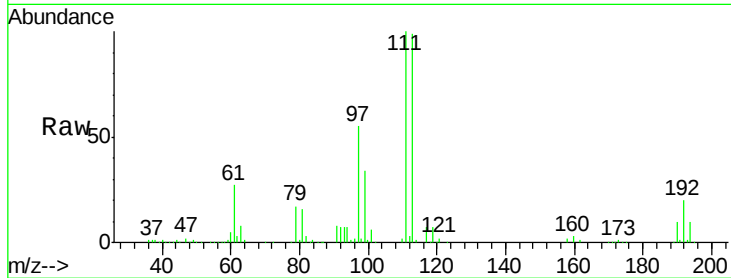
ClientSampleId :

VX0328WBSD01

Tot Ion:	113	Resp:	105709
Ion Ratio	Lower	Upper	
113	100		
111	102.4	83.0	124.4
192	19.9	15.6	23.4

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 16.809 ug/l

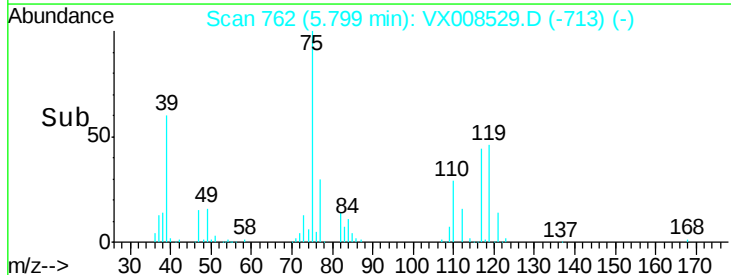
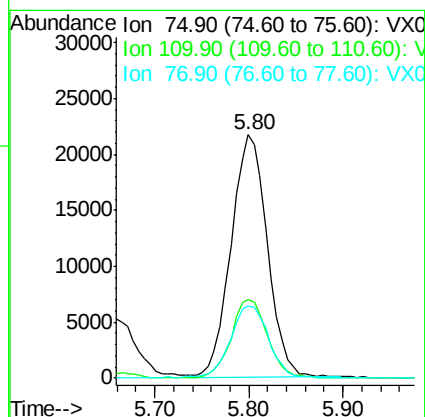
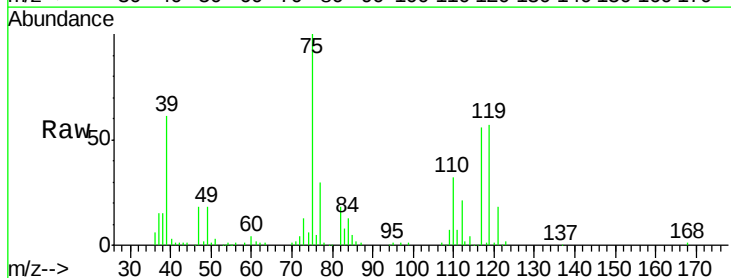
RT: 5.80 min Scan# 762

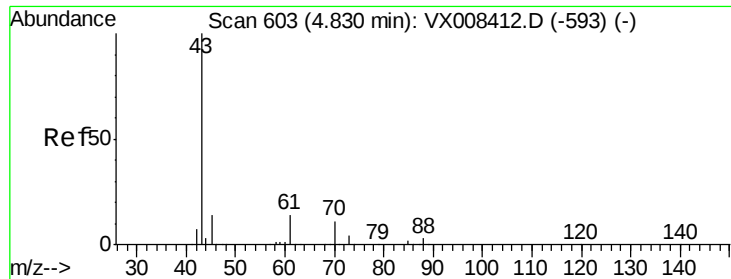
Delta R.T. 0.00 min

Lab File: VX008529.D

Acq: 28 Mar 2019 18:56

Tgt Ion:	75	Resp:	57994
Ion Ratio	Lower	Upper	
75	100		
110	32.7	16.6	49.7
77	31.9	24.2	36.2





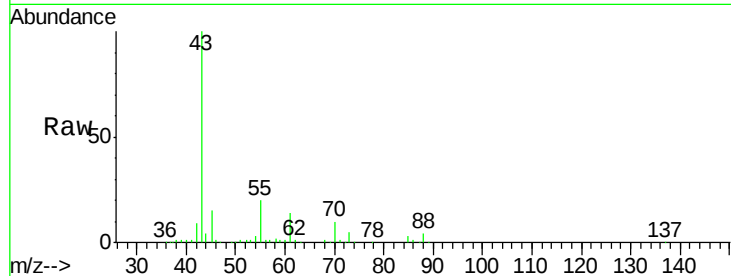
#37
Ethyl Acetate
Concen: 18.655 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX008529.D
Acq: 28 Mar 2019 18:56

Instrument :
MSVOA_X
ClientSampleID :
VX0328WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.5	15.7
70	10.3	7.8	11.8

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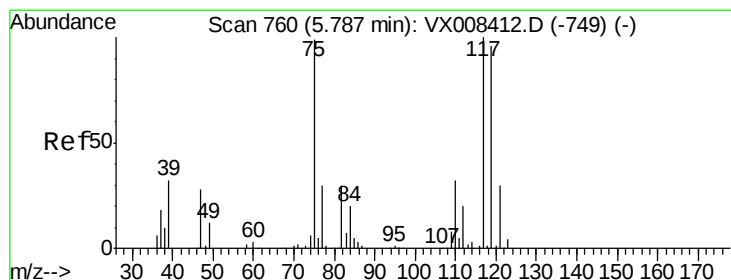
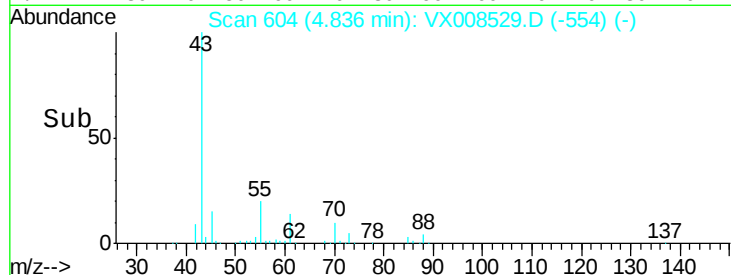
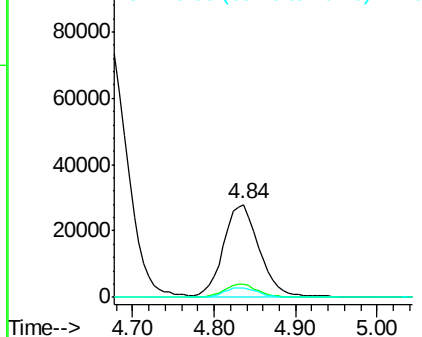


Abundance

Ion 43.00 (42.70 to 43.70): VX008529.D (-554) (-)

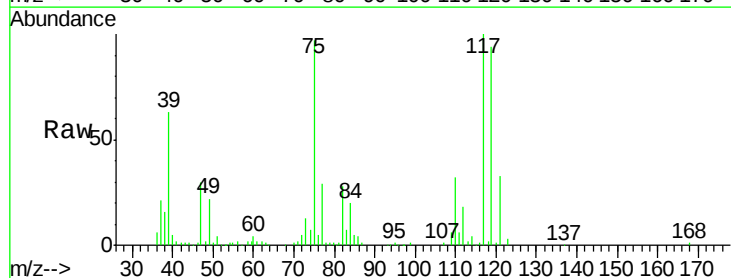
Ion 60.90 (60.60 to 61.60): VX008529.D (-554) (-)

Ion 70.00 (69.70 to 70.70): VX008529.D (-554) (-)



#38
Carbon Tetrachloride
Concen: 17.061 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX008529.D
Acq: 28 Mar 2019 18:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	76.7	115.1
121	33.2	24.3	36.5

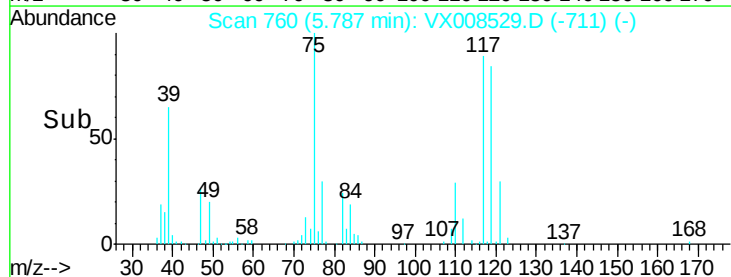
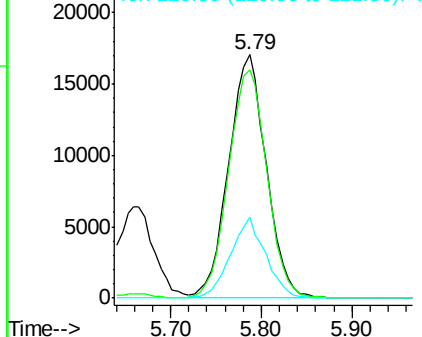


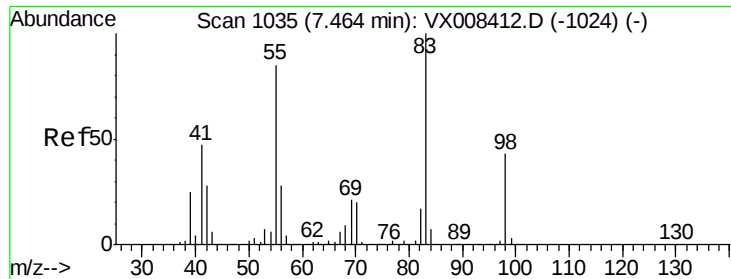
Abundance

Ion 116.80 (116.50 to 117.50): VX008529.D (-711) (-)

Ion 118.80 (118.50 to 119.50): VX008529.D (-711) (-)

Ion 120.80 (120.50 to 121.50): VX008529.D (-711) (-)





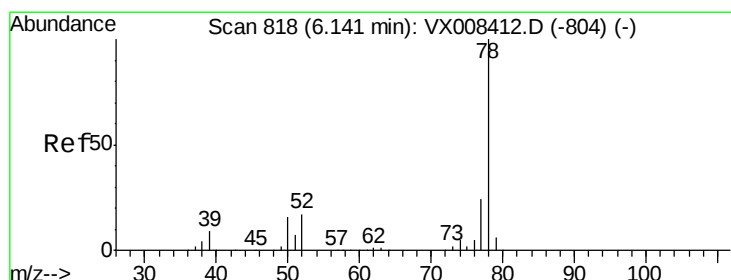
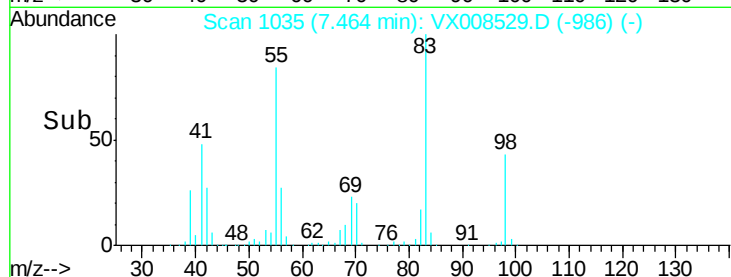
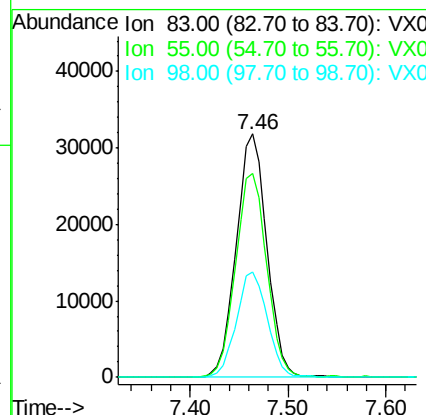
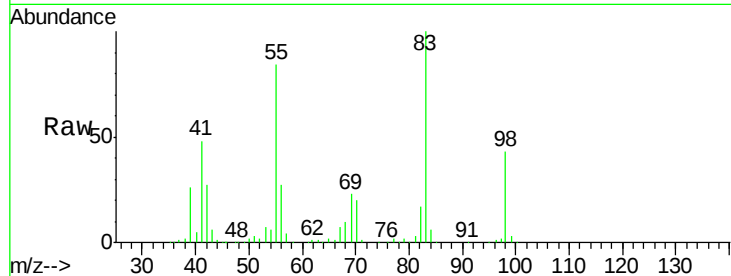
#39
Methvlcvclohexane
Concen: 16.800 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008529.D
Acq: 28 Mar 2019 18:56

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	83.6	68.2	102.4
98	43.2	34.2	51.4

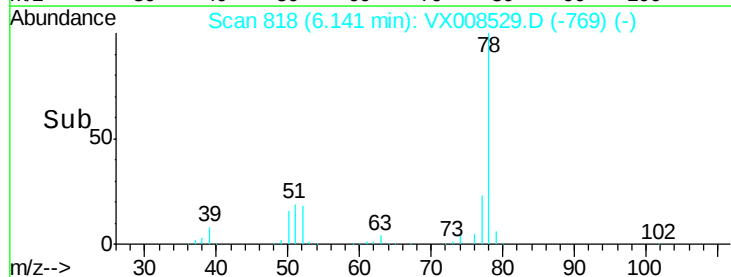
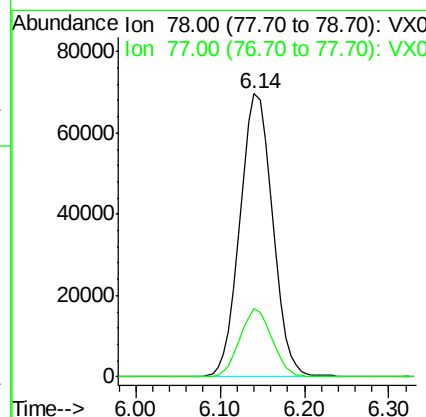
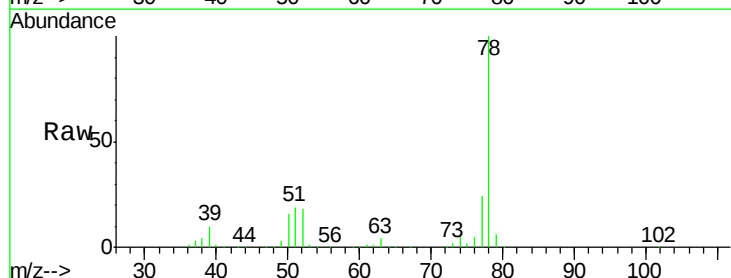
Manual Integrations
APPROVED

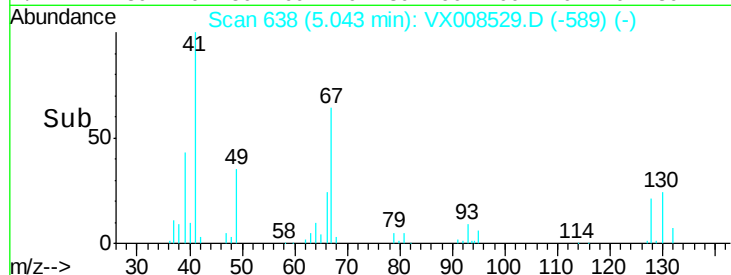
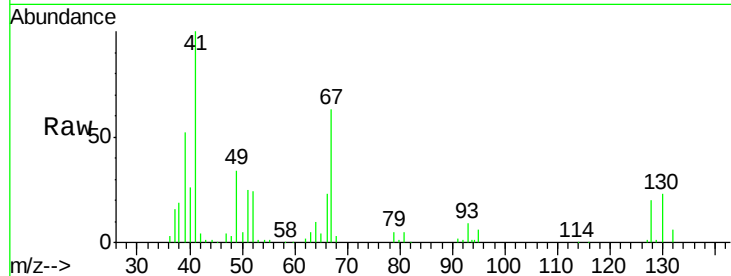
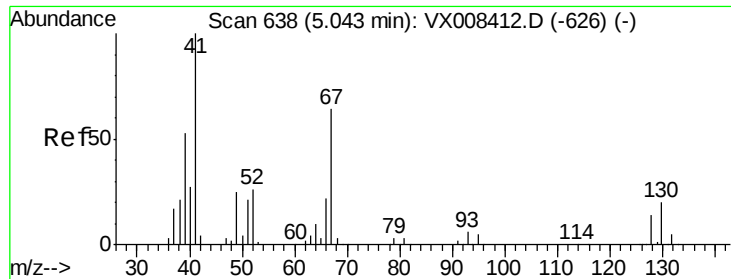
MMDadoda
3/29/2019 10:52:14 AM



#40
Benzene
Concen: 17.756 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008529.D
Acq: 28 Mar 2019 18:56

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.3	28.9





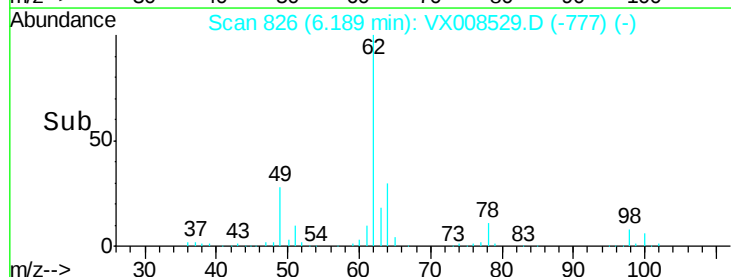
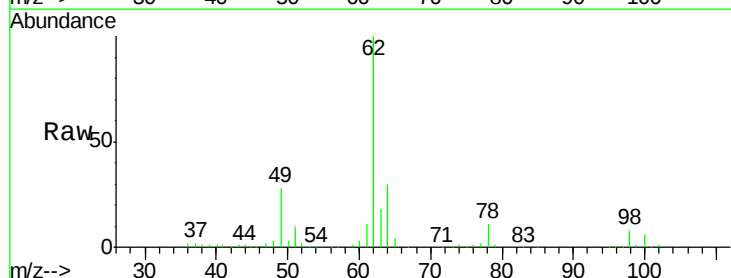
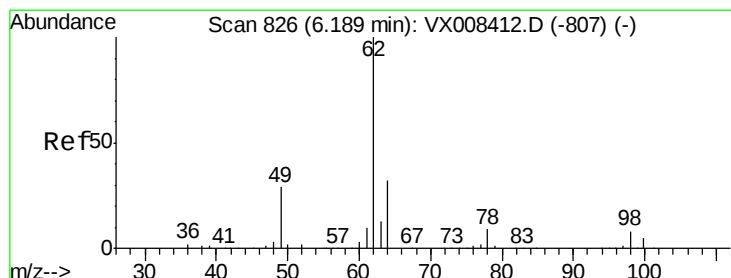
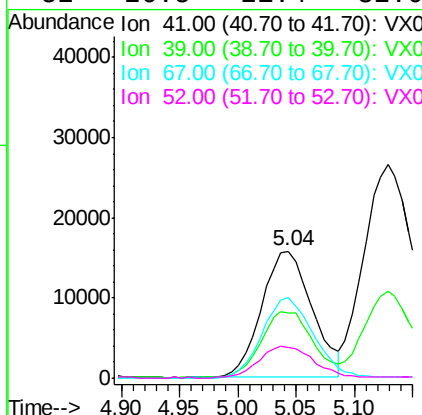
#41
Methacrylonitrile
Concen: 18.939 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX008529.D
Acq: 28 Mar 2019 18:56

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.4	42.6	64.0	
67	65.5	52.2	78.4	
52	26.5	21.4	32.0	

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBSD01

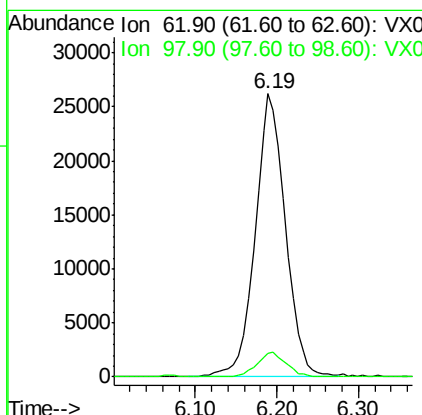
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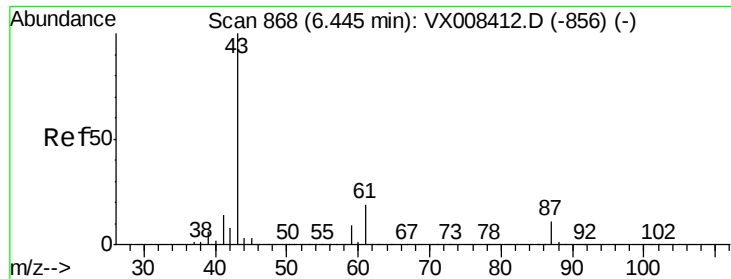
MMDadoda
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#42
1,2-Dichloroethane
Concen: 17.925 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX008529.D
Acq: 28 Mar 2019 18:56

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.5	0.0	17.6	





#43

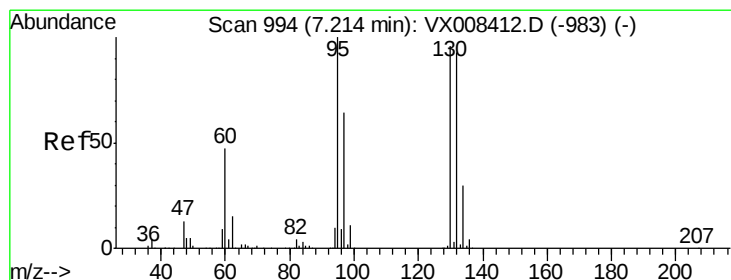
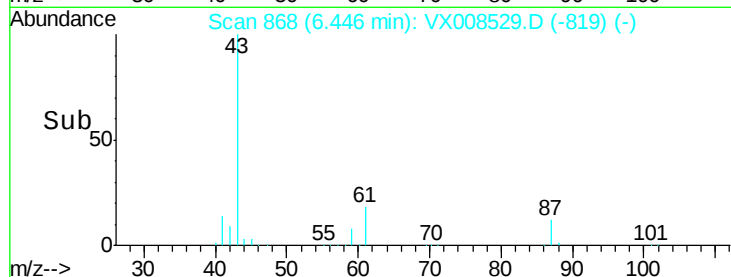
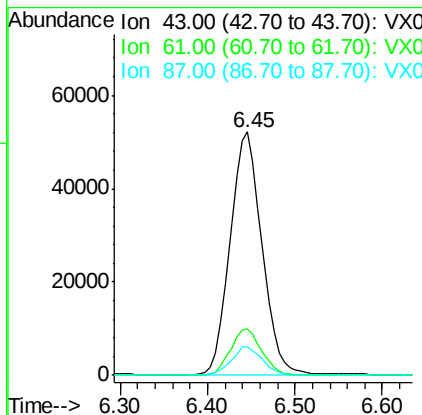
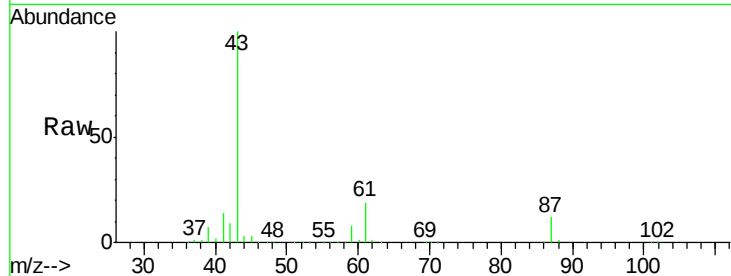
Isopropyl Acetate
 Concen: 18.393 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX008529.D
 Acq: 28 Mar 2019 18:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.4	23.2
87	11.7	9.1	13.7

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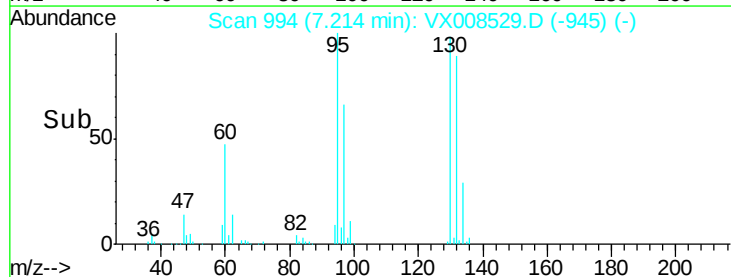
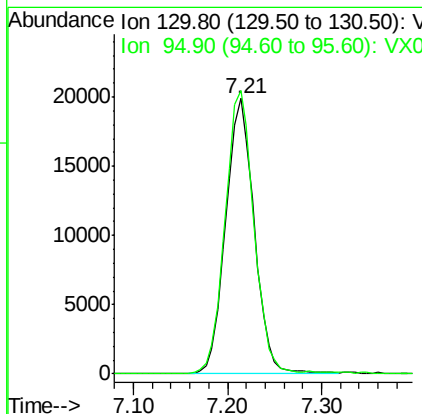
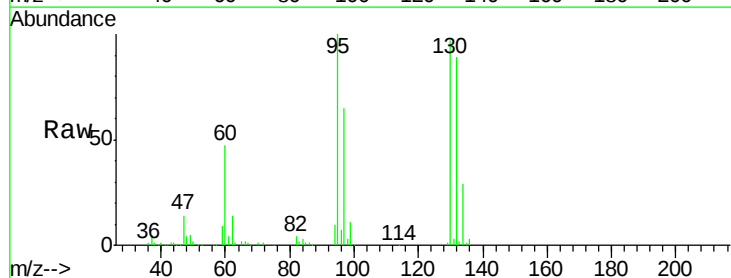
MMDadoda
 3/29/2019 10:52:14 AM

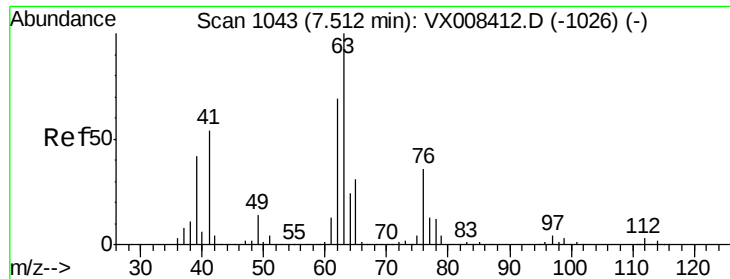


#44

Trichloroethene
 Concen: 17.279 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX008529.D
 Acq: 28 Mar 2019 18:56

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.7	0.0	208.8





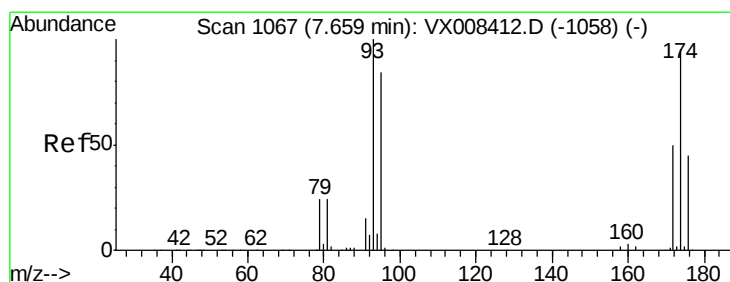
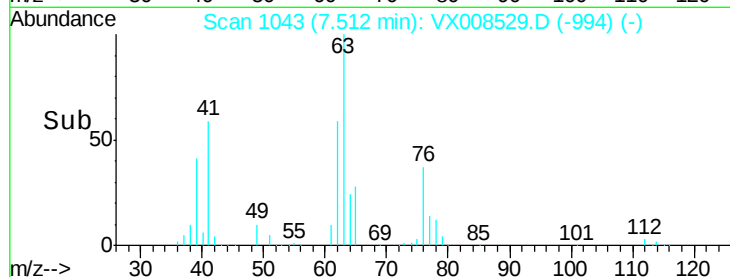
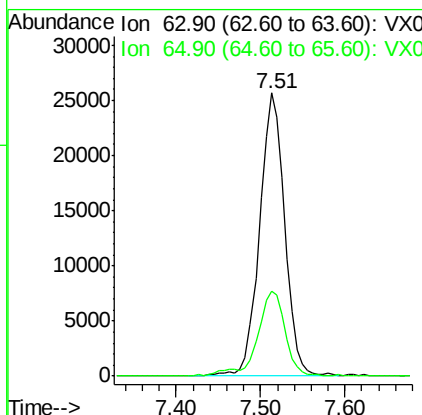
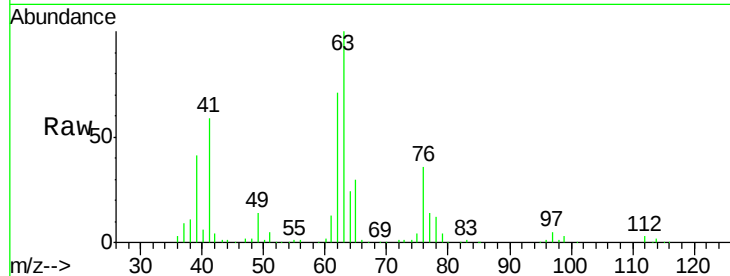
#45
 1,2-Dichloropropane
 Concen: 17.931 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX008529.D
 Acq: 28 Mar 2019 18:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBSD01

Tot Ion: 63 Resp: 52644
 Ion Ratio Lower Upper
 63 100
 65 30.0 25.1 37.7

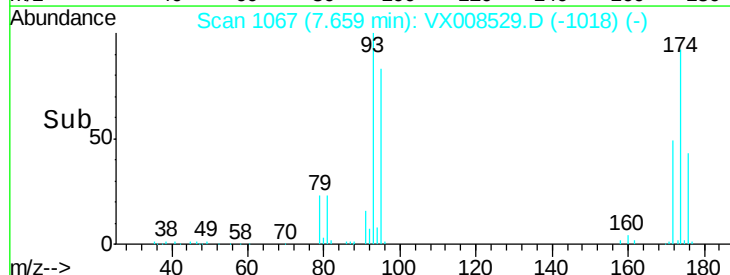
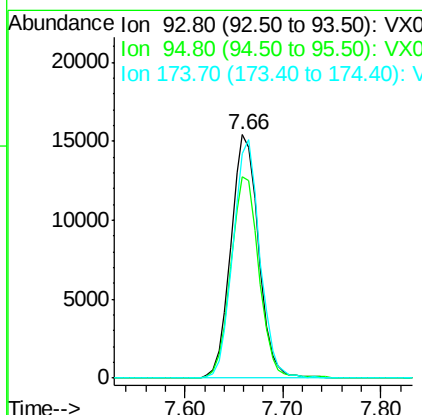
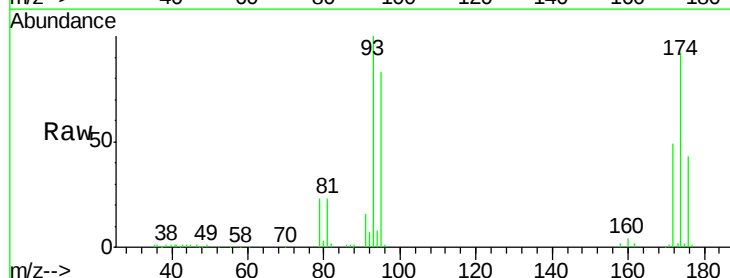
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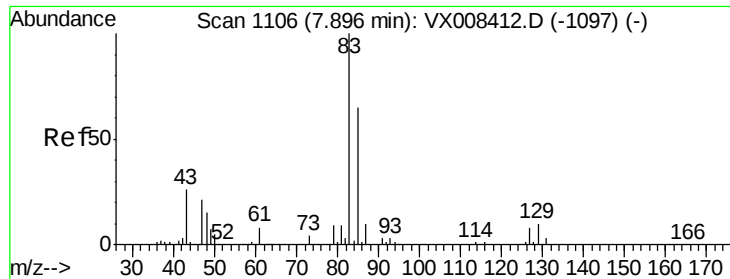
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#46
 Dibromomethane
 Concen: 17.705 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX008529.D
 Acq: 28 Mar 2019 18:56

Tgt Ion: 93 Resp: 30354
 Ion Ratio Lower Upper
 93 100
 95 83.8 67.0 100.6
 174 94.4 76.0 114.0





#47

Bromodichloromethane

Concen: 17.869 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008529.D

Acq: 28 Mar 2019 18:56

Instrument :

MSVOA_X

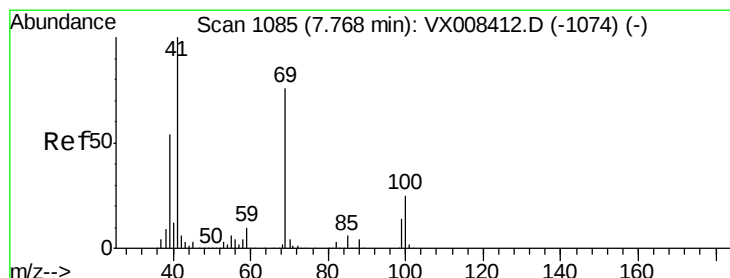
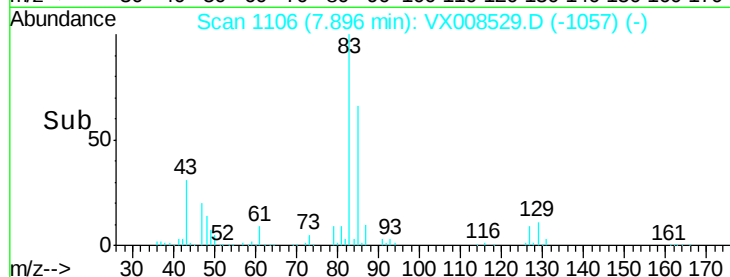
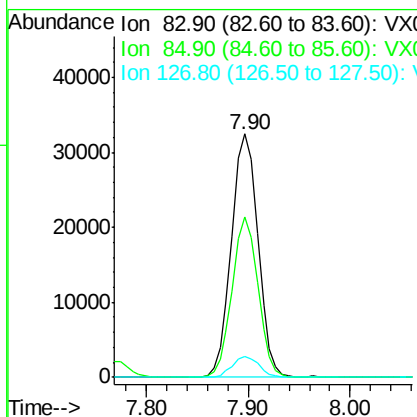
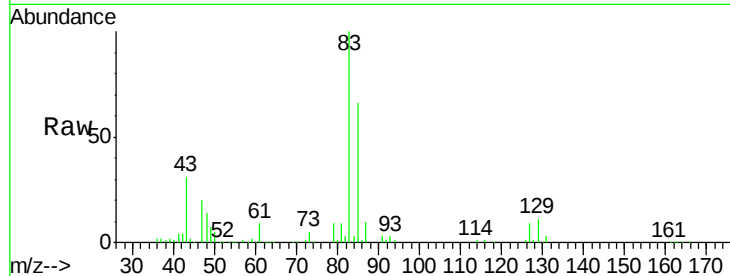
ClientSampleId :

VX0328WBSD01

Tot Ion:	83	Resp:	58639
Ion	Ratio	Lower	Upper
83	100		
85	66.1	52.0	78.0
127	8.7	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.652 ug/l

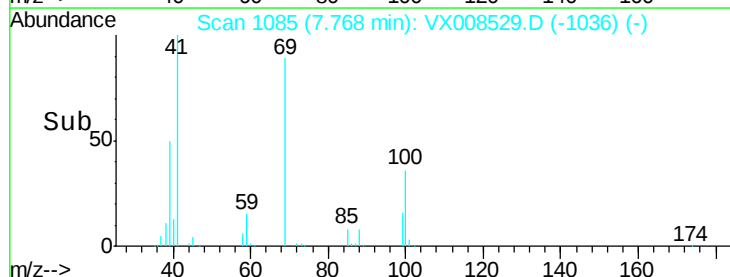
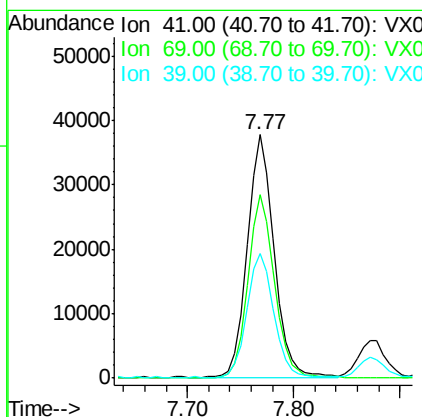
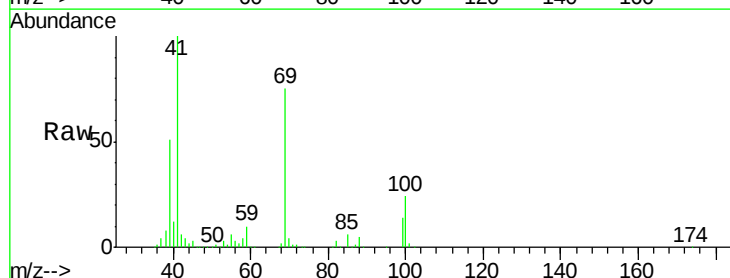
RT: 7.77 min Scan# 1085

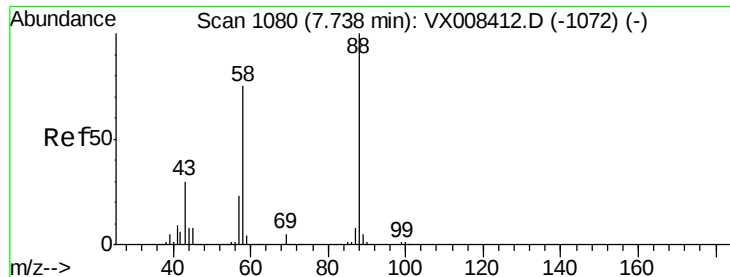
Delta R.T. 0.00 min

Lab File: VX008529.D

Acq: 28 Mar 2019 18:56

Tgt Ion:	41	Resp:	66722
Ion	Ratio	Lower	Upper
41	100		
69	75.4	60.8	91.2
39	51.9	42.3	63.5





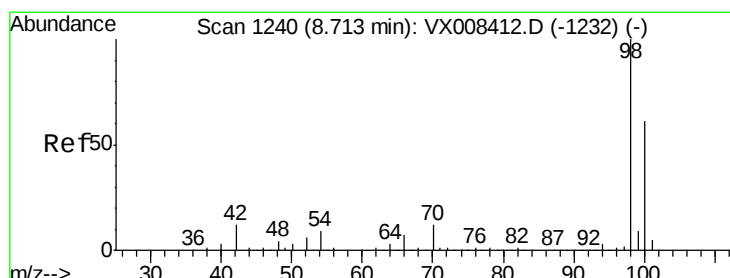
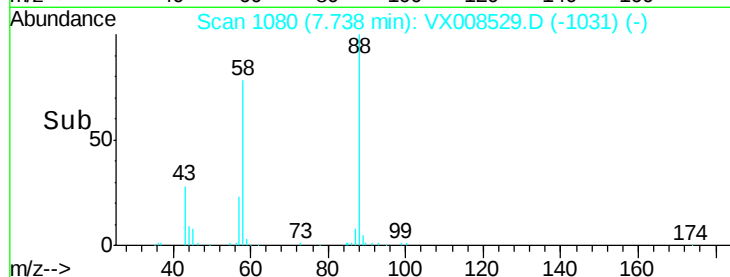
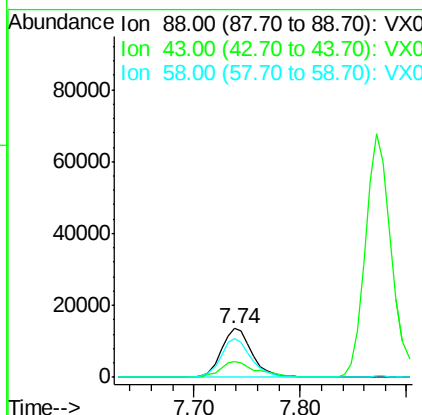
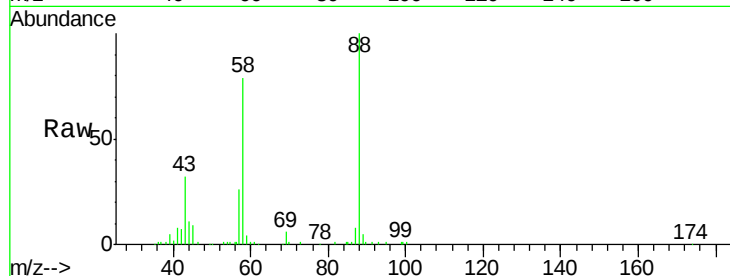
#49
1,4-Dioxane
Concen: 384.411 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX008529.D
Acq: 28 Mar 2019 18:56

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.9	28.6	43.0
58	77.6	63.0	94.4

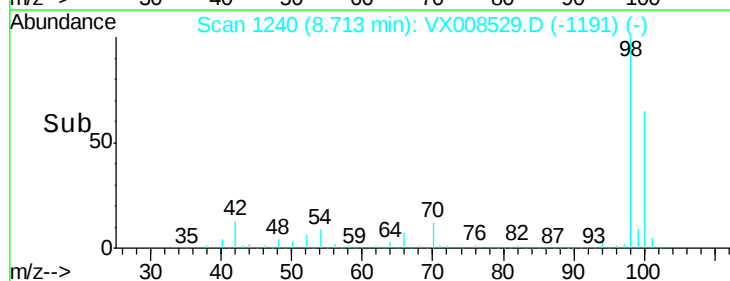
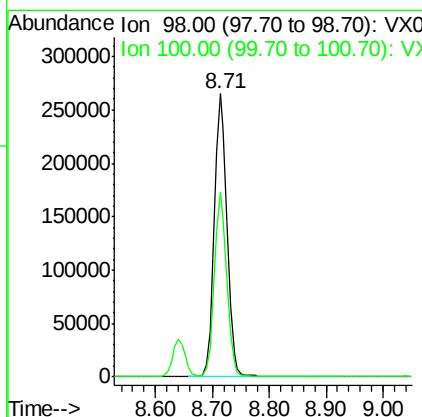
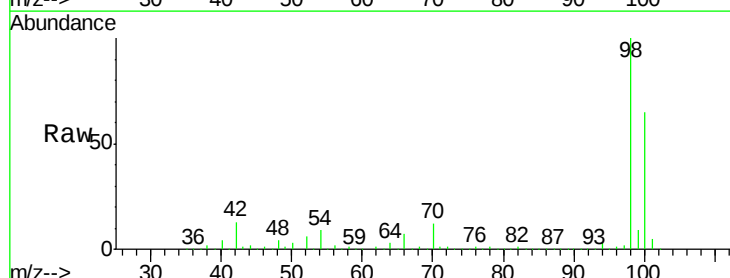
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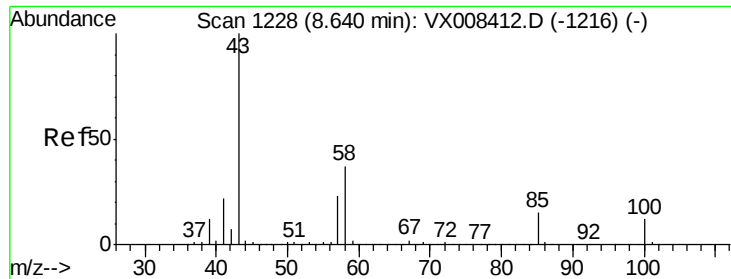
MMDadoda
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#50
Toluene-d8
Concen: 49.208 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008529.D
Acq: 28 Mar 2019 18:56

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 94.752 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX008529.D

Acq: 28 Mar 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBSD01

Tot Ion: 43 Resp: 439981

Ion Ratio Lower Upper

43 100

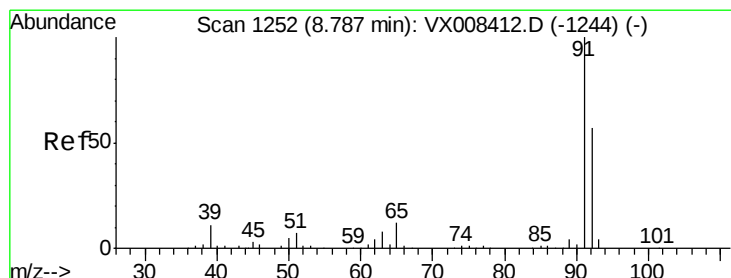
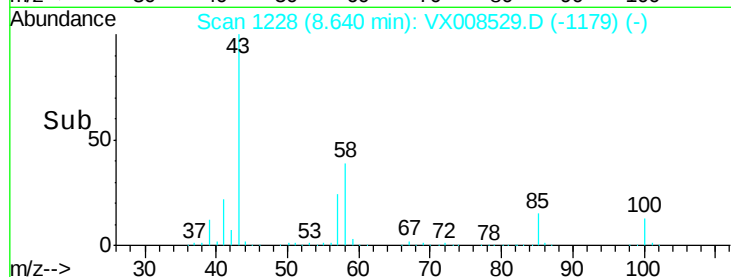
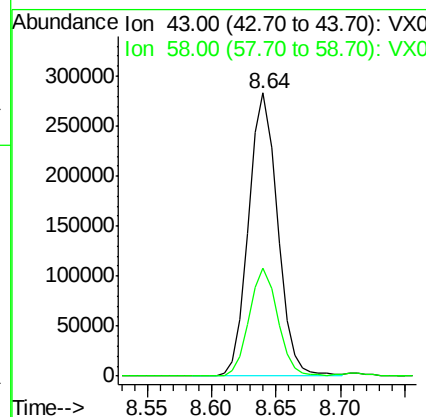
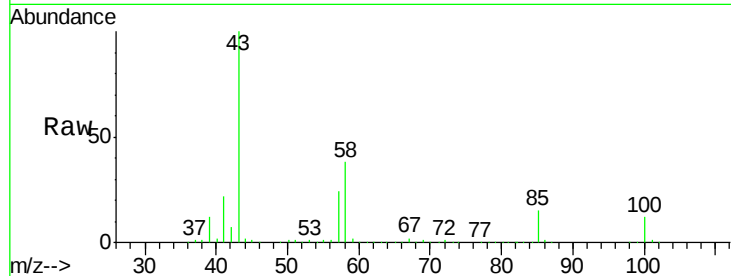
58 37.3 29.8 44.8

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#52

Toluene

Concen: 17.655 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008529.D

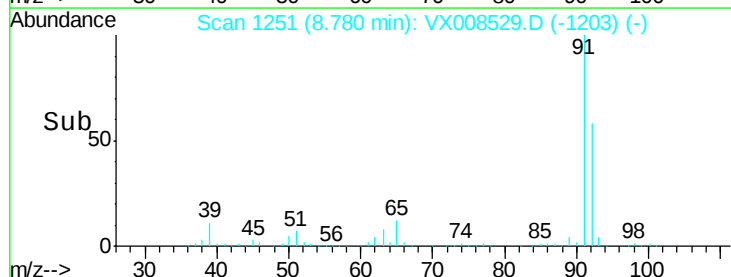
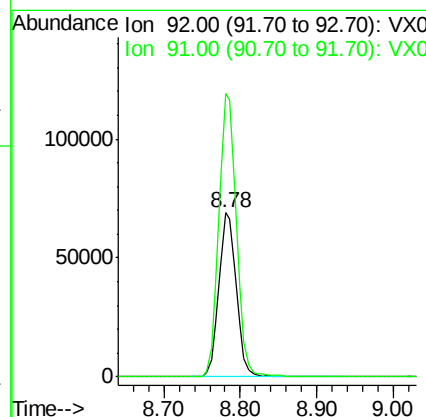
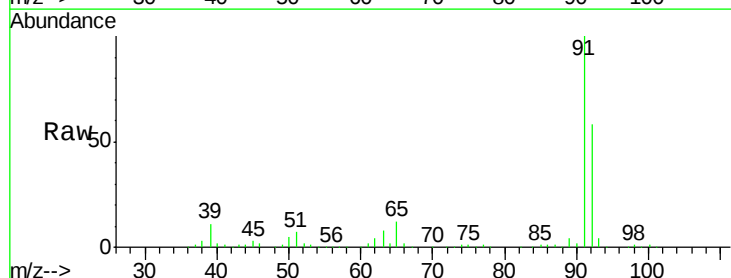
Acq: 28 Mar 2019 18:56

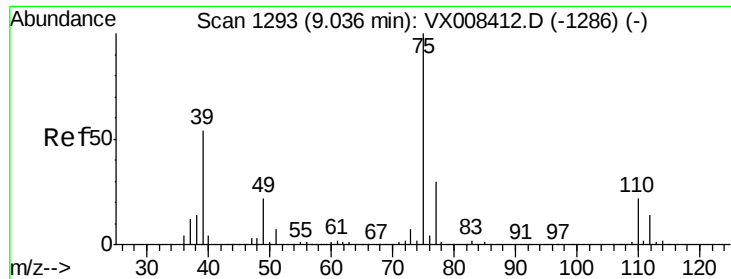
Tgt Ion: 92 Resp: 109035

Ion Ratio Lower Upper

92 100

91 173.8 140.2 210.4





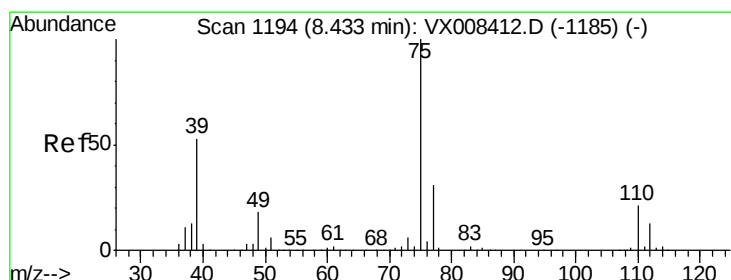
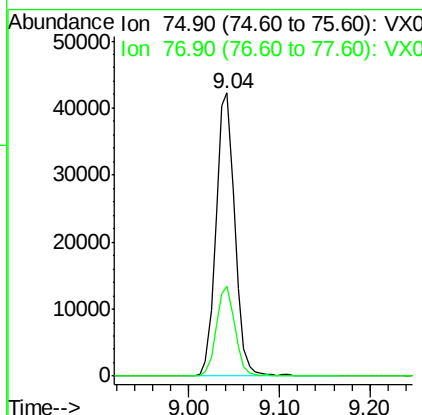
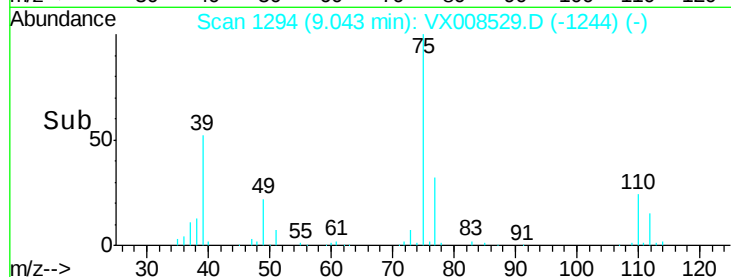
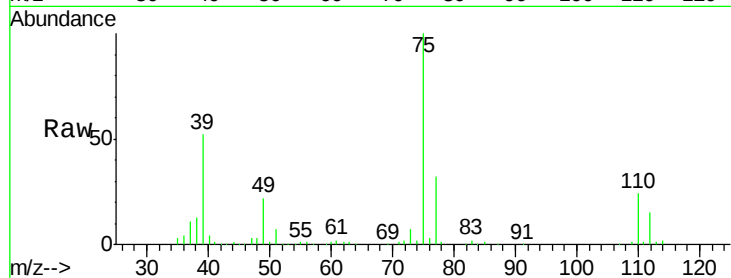
#53
t-1,3-Dichloropropene
Concen: 17.191 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX008529.D
Acq: 28 Mar 2019 18:56

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBSD01

Tot Ion: 75 Resp: 61789
Ion Ratio Lower Upper
75 100
77 31.8 24.3 36.5

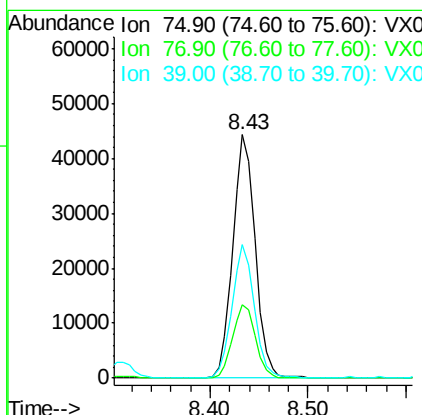
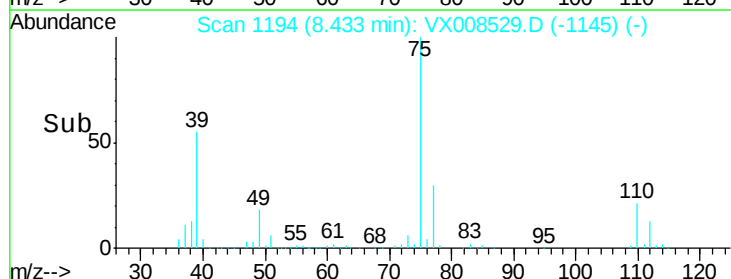
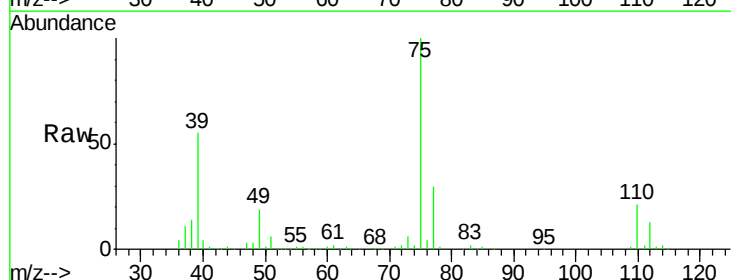
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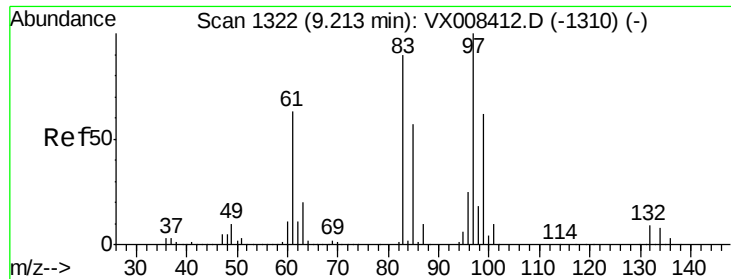
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#54
cis-1,3-Dichloropropene
Concen: 17.257 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX008529.D
Acq: 28 Mar 2019 18:56

Tgt Ion: 75 Resp: 70531
Ion Ratio Lower Upper
75 100
77 30.3 24.7 37.1
39 54.8 42.4 63.6





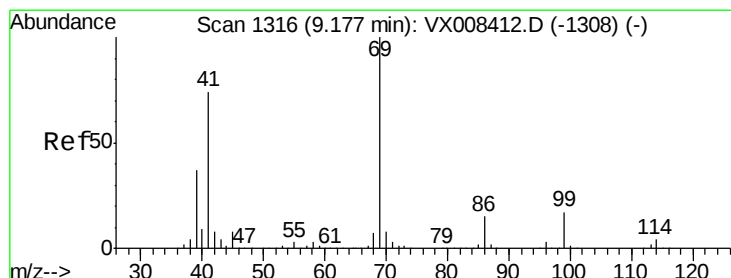
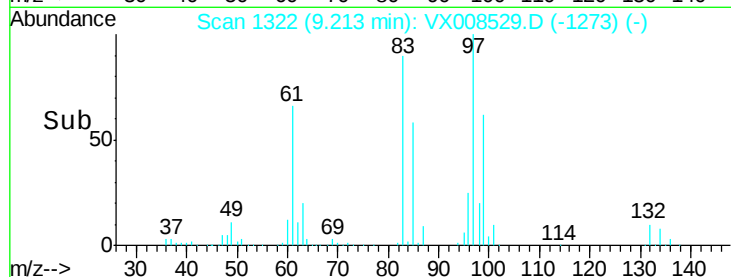
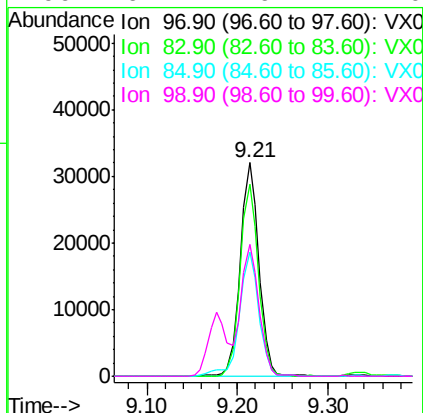
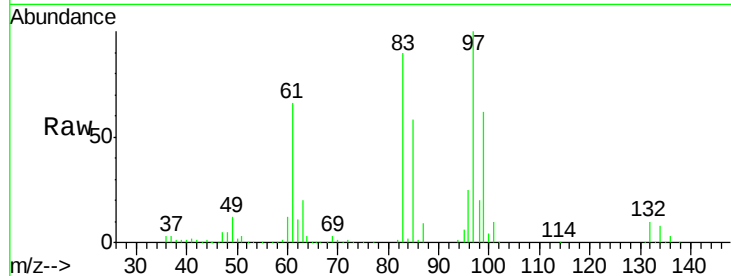
#55
 1,1,2-Trichloroethane
 Concen: 18.194 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008529.D
 Acq: 28 Mar 2019 18:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBSD01

Tot Ion	Ratio	Lower	Upper
97	100		
83	90.2	71.8	107.6
85	58.1	45.9	68.9
99	61.7	49.4	74.0

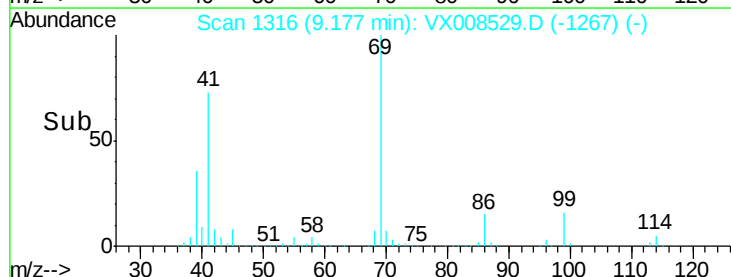
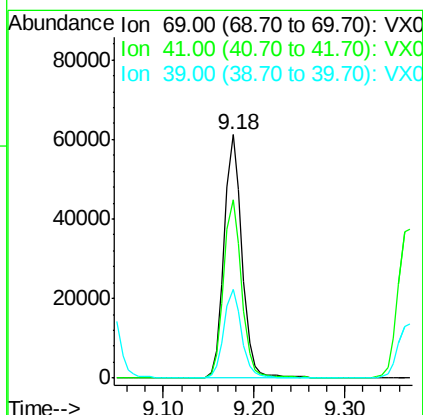
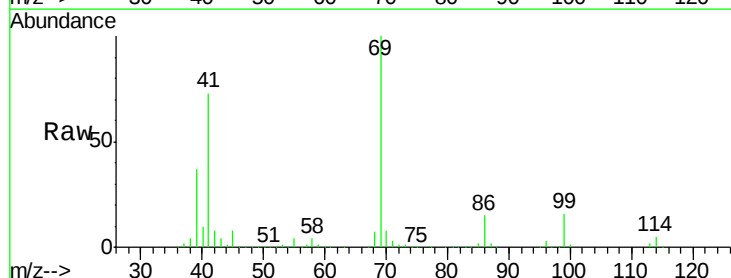
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#56
 Ethyl methacrylate
 Concen: 18.571 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008529.D
 Acq: 28 Mar 2019 18:56

Tgt Ion	Ratio	Lower	Upper
69	100		
41	74.2	59.5	89.3
39	36.3	29.3	43.9





#57

1,3-Dichloropropane

Concen: 18.080 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX008529.D

Acq: 28 Mar 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBSD01

Tot Ion: 76 Resp: 81496

Ion Ratio Lower Upper

76 100

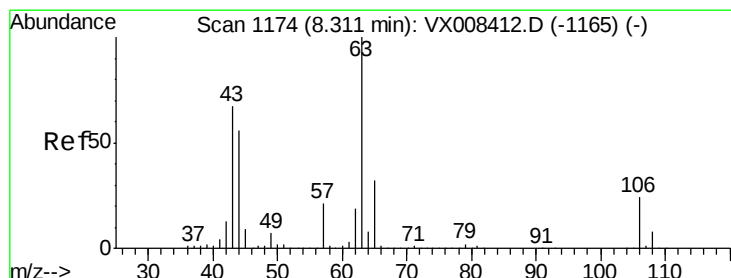
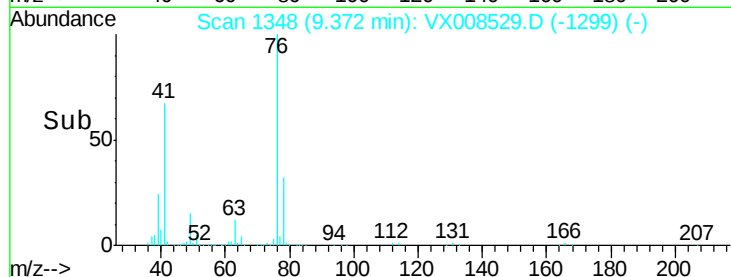
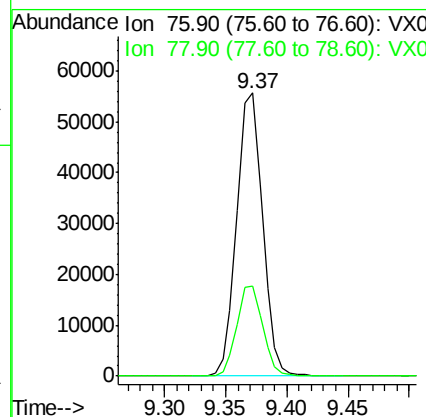
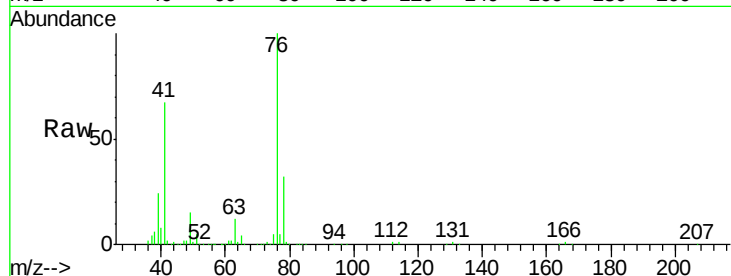
78 32.1 25.8 38.8

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#58

2-Chloroethyl Vinyl ether

Concen: 97.040 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX008529.D

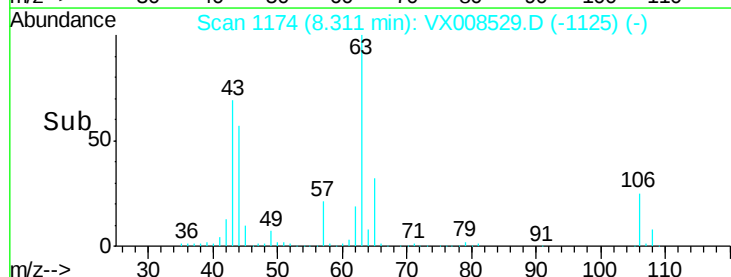
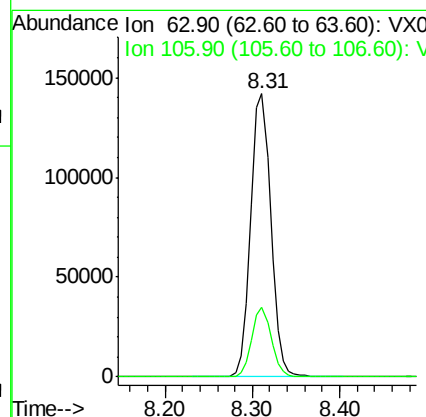
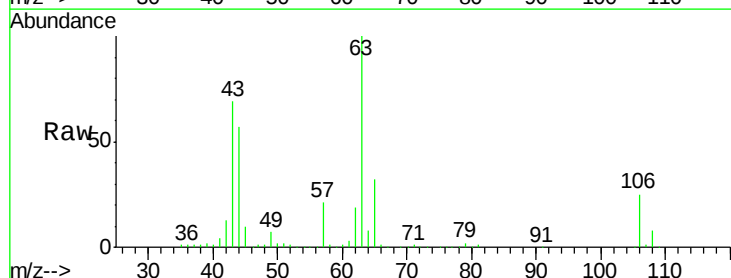
Acq: 28 Mar 2019 18:56

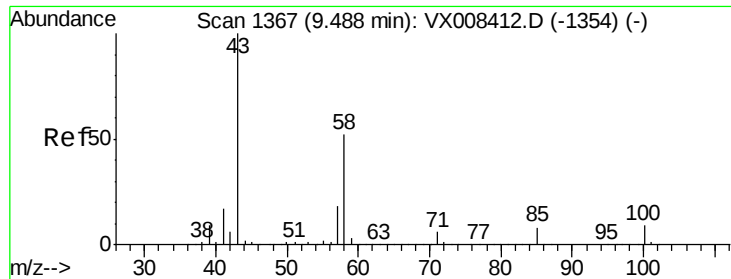
Tgt Ion: 63 Resp: 227637

Ion Ratio Lower Upper

63 100

106 24.1 19.0 28.6





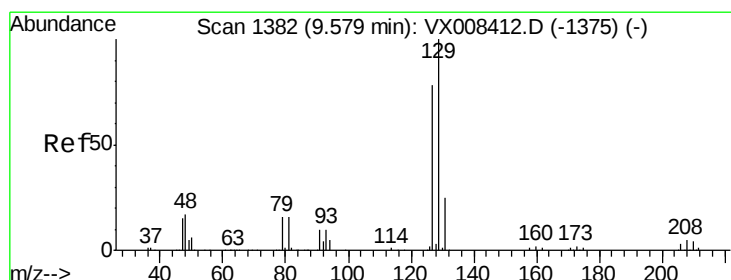
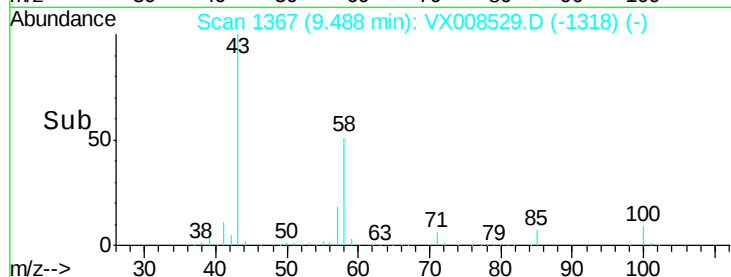
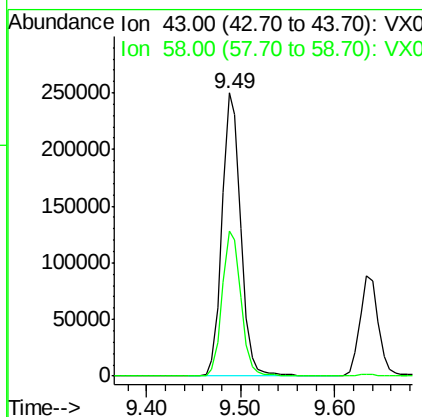
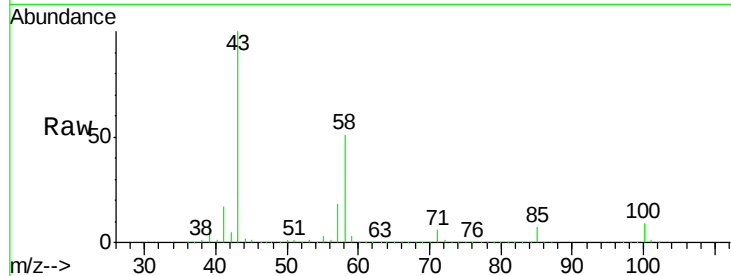
#59
2-Hexanone
Concen: 95.602 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX008529.D
Acq: 28 Mar 2019 18:56

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBSD01

Tot Ion: 43 Resp: 343980
Ion Ratio Lower Upper
43 100
58 51.7 26.3 78.9

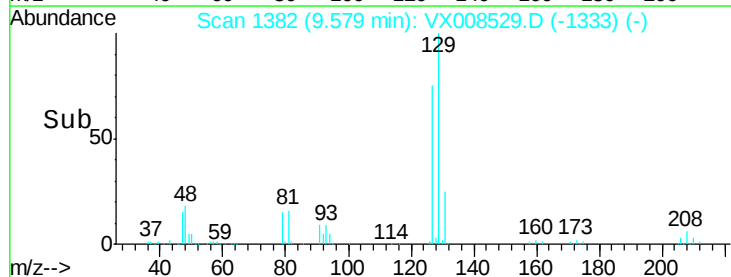
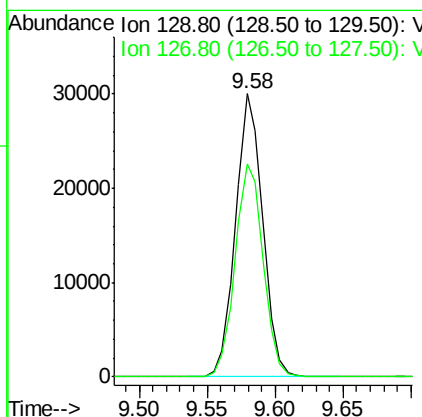
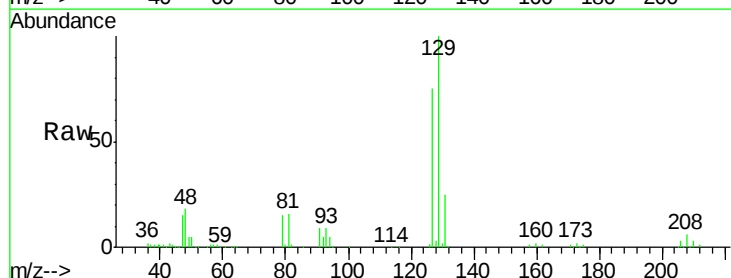
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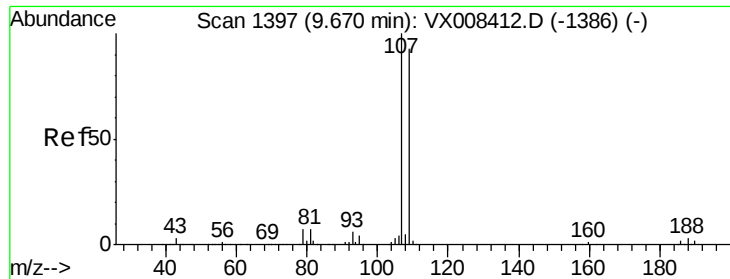
MMDadoda
3/29/2019 10:52:14 AM



#60
Dibromochloromethane
Concen: 17.409 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX008529.D
Acq: 28 Mar 2019 18:56

Tgt Ion: 129 Resp: 41623
Ion Ratio Lower Upper
129 100
127 77.7 38.1 114.3





#61

1,2-Dibromoethane

Concen: 18.079 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008529.D

Acq: 28 Mar 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBSD01

Tot Ion:107 Resp: 46385

Ion Ratio Lower Upper

107 100

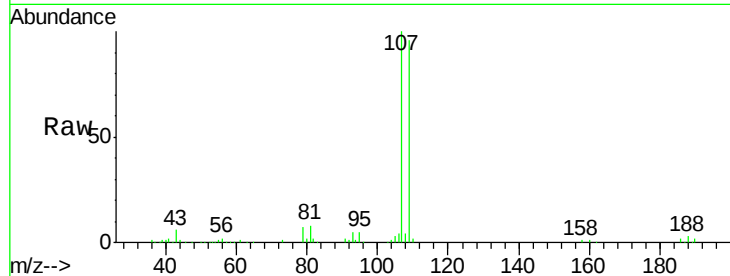
109 93.8 74.6 111.8

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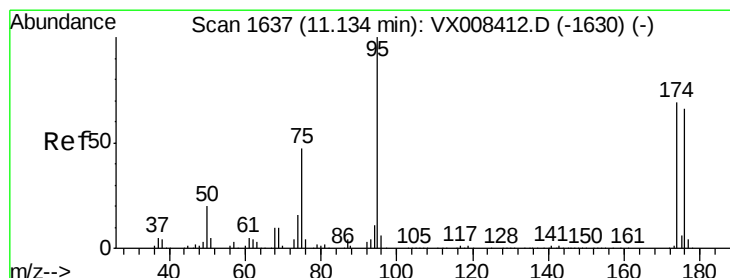
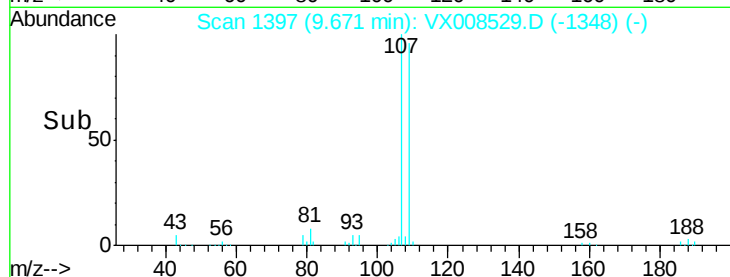
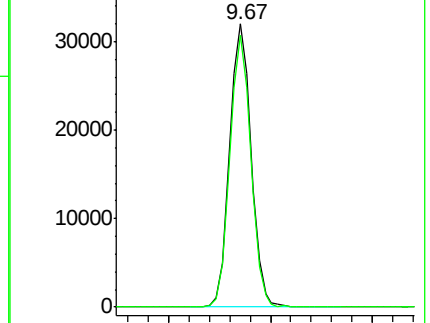
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.470 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008529.D

Acq: 28 Mar 2019 18:56

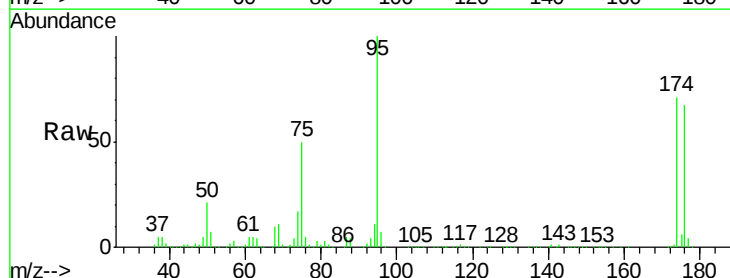
Tgt Ion: 95 Resp: 151537

Ion Ratio Lower Upper

95 100

174 73.8 0.0 147.2

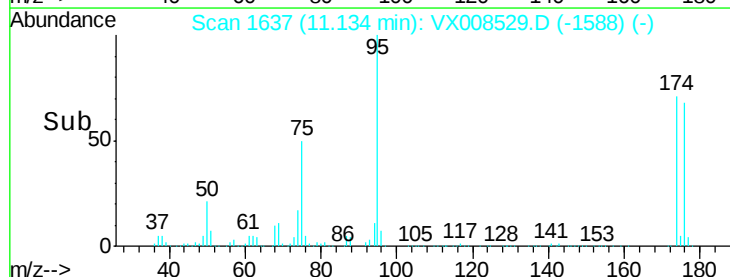
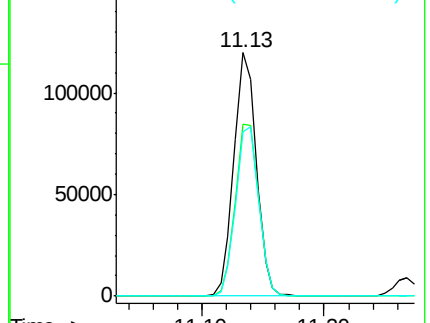
176 71.5 0.0 142.4

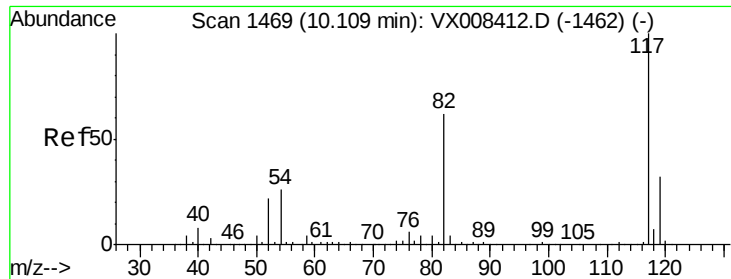


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





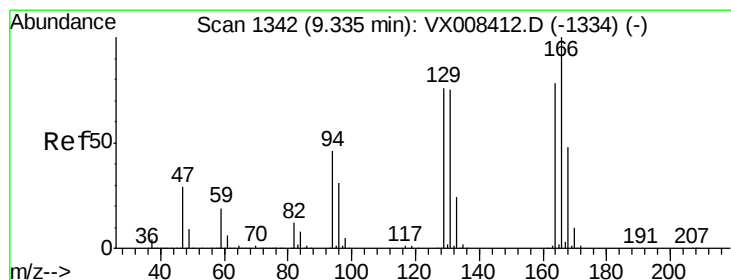
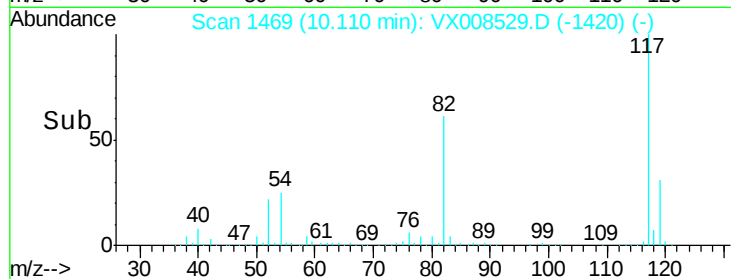
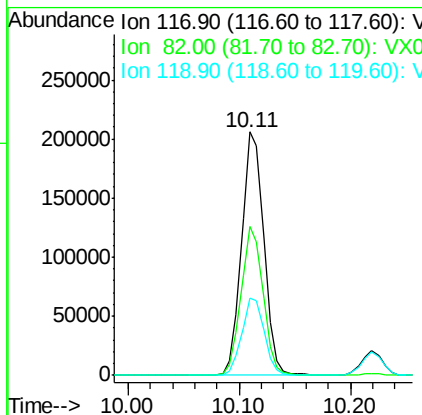
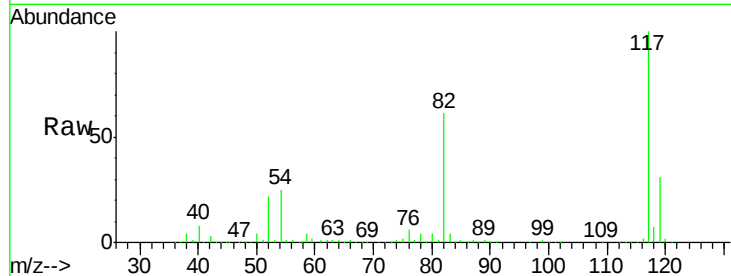
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008529.D
Acq: 28 Mar 2019 18:56

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	286757		
82	61.1	49.4	74.2	
119	31.5	25.4	38.0	

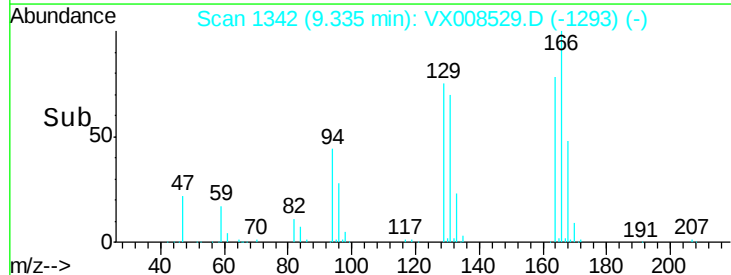
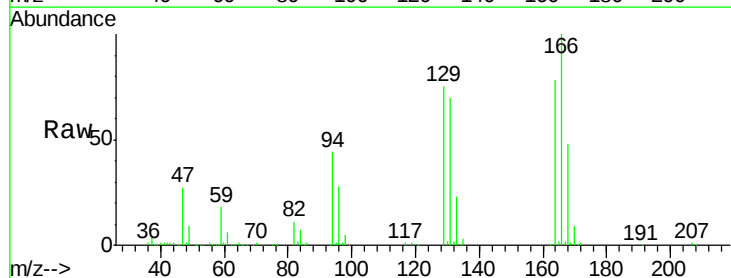
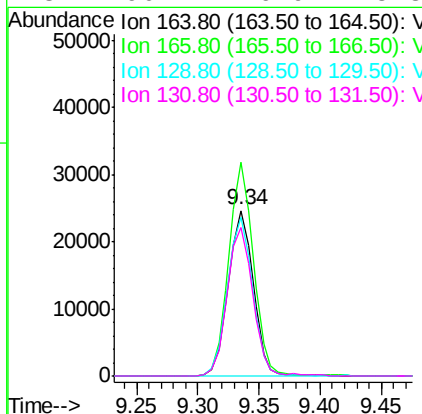
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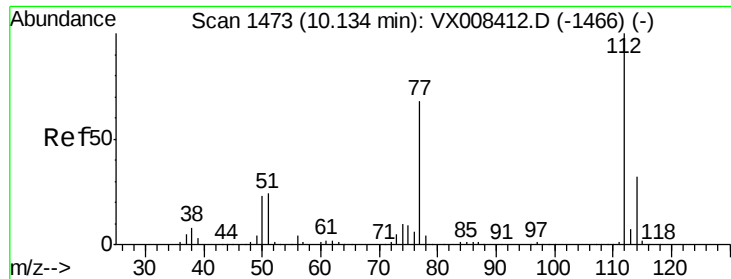
MMDadoda
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#64
Tetrachloroethene
Concen: 18.024 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008529.D
Acq: 28 Mar 2019 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	34990		
166	129.0	102.5	153.7	
129	96.1	77.8	116.8	
131	90.1	76.9	115.3	





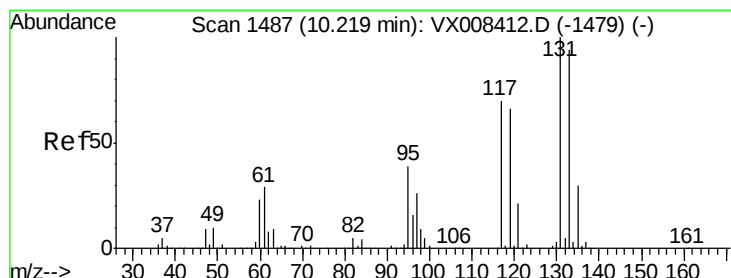
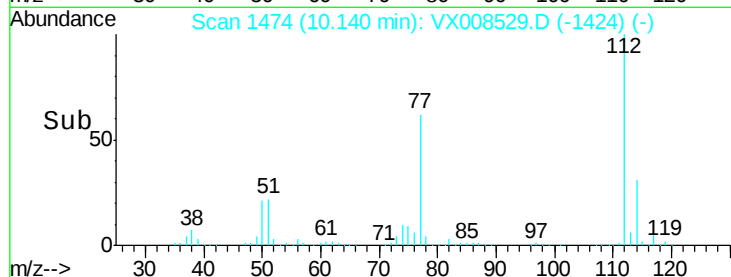
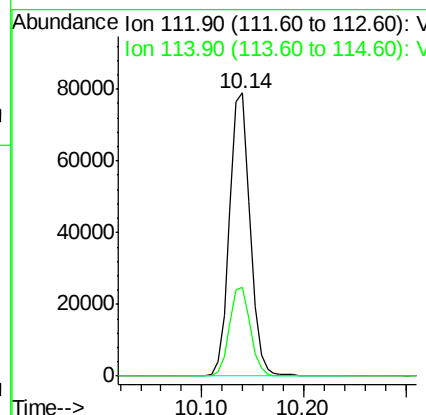
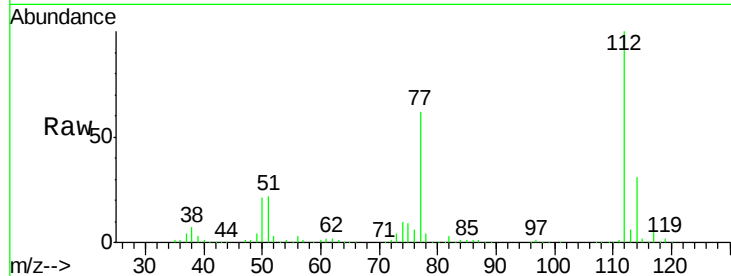
#65
Chlorobenzene
Concen: 17.705 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX008529.D
Acq: 28 Mar 2019 18:56

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBSD01

Tot Ion:112 Resp: 110408
Ion Ratio Lower Upper
112 100
114 31.2 25.4 38.2

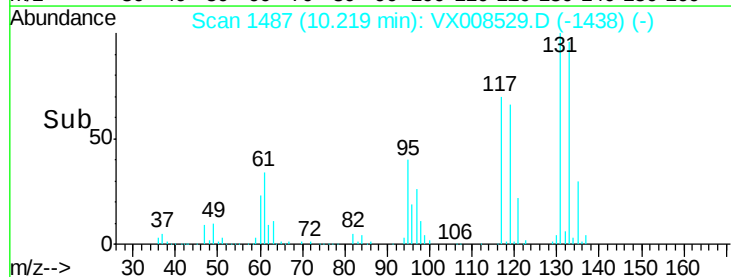
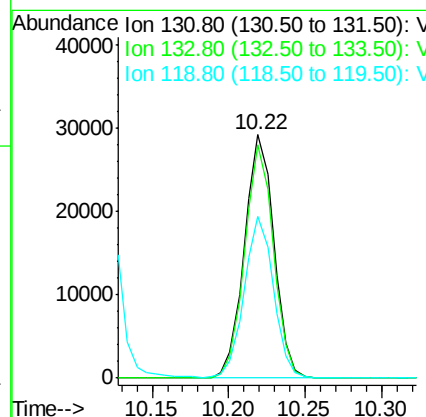
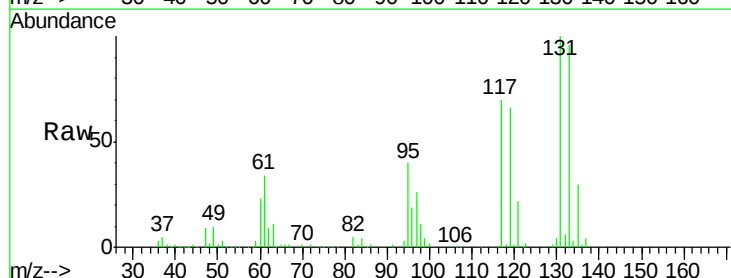
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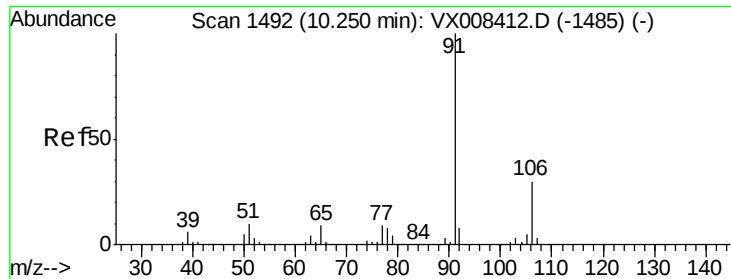
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.201 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008529.D
Acq: 28 Mar 2019 18:56

Tgt Ion:131 Resp: 39160
Ion Ratio Lower Upper
131 100
133 93.7 47.3 141.8
119 66.3 33.6 100.6





#67

Ethyl Benzene

Concen: 17.487 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008529.D

Acq: 28 Mar 2019 18:56

Instrument :

MSVOA_X

ClientSampleID :

VX0328WBSD01

Tot Ion: 91 Resp: 205805

Ion Ratio Lower Upper

91 100

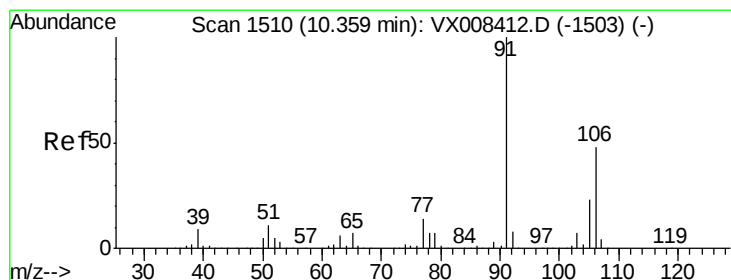
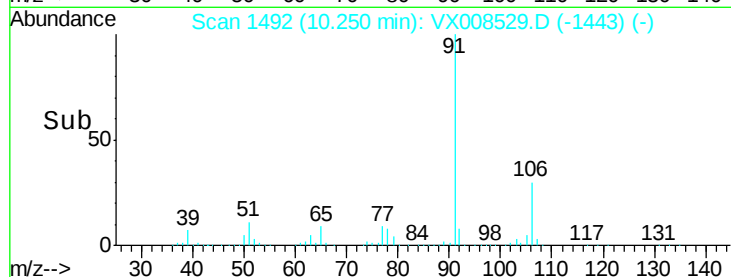
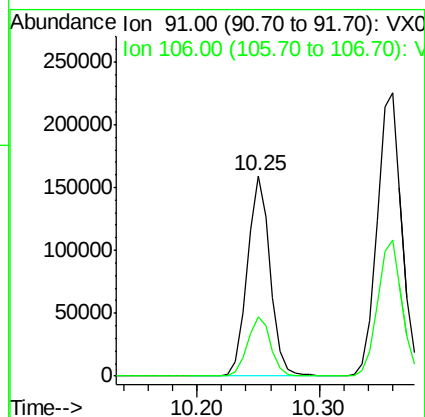
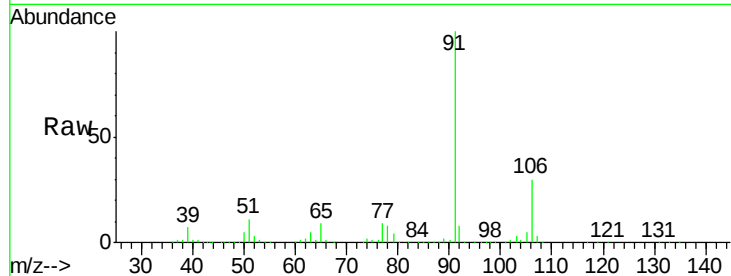
106 29.6 24.0 36.0

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#68

m/p-Xylenes

Concen: 35.153 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX008529.D

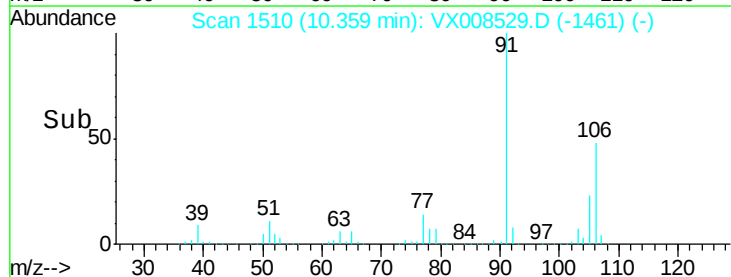
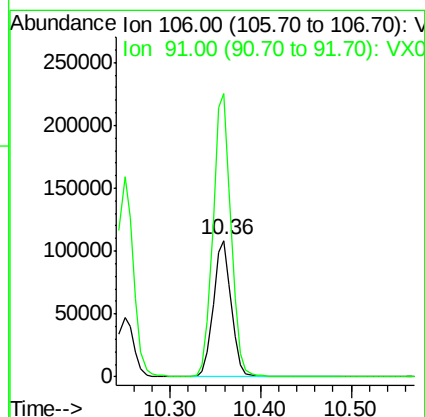
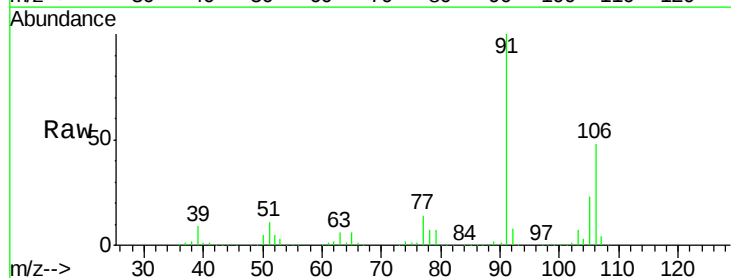
Acq: 28 Mar 2019 18:56

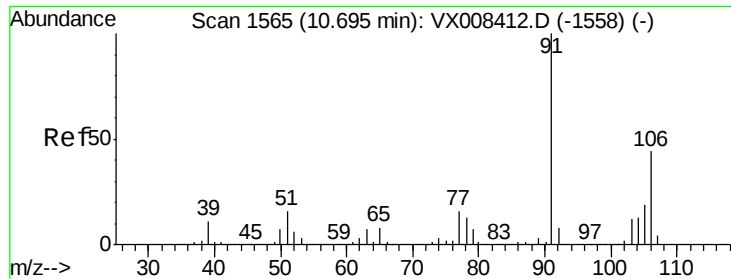
Tgt Ion: 106 Resp: 150510

Ion Ratio Lower Upper

106 100

91 208.8 168.6 253.0





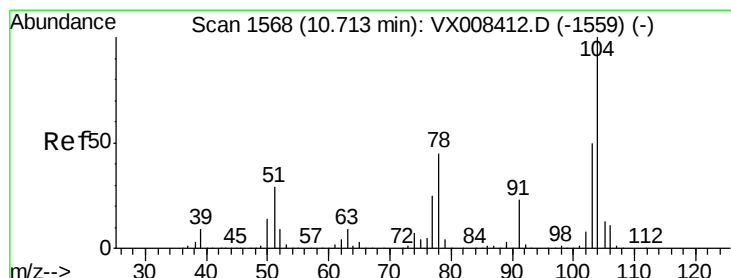
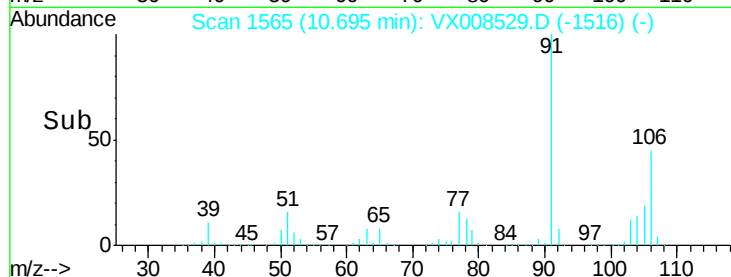
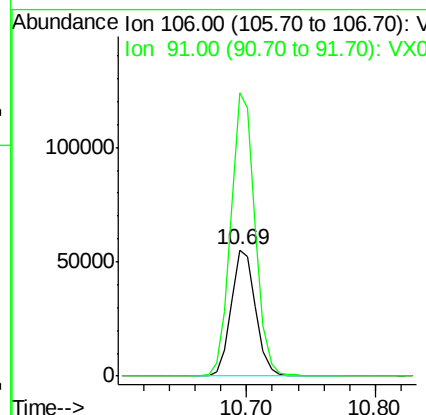
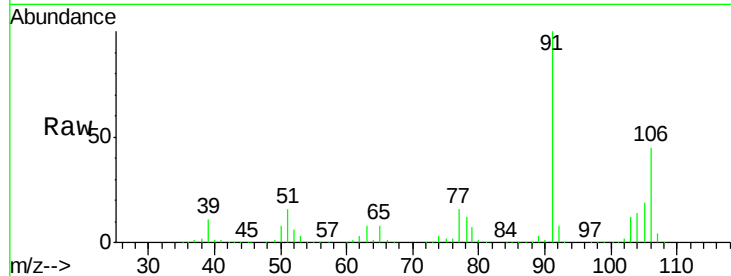
#69
o-Xylene
Concen: 17.721 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX008529.D
Acq: 28 Mar 2019 18:56

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBSD01

Tot Ion:106 Resp: 73630
Ion Ratio Lower Upper
106 100
91 223.0 111.4 334.2

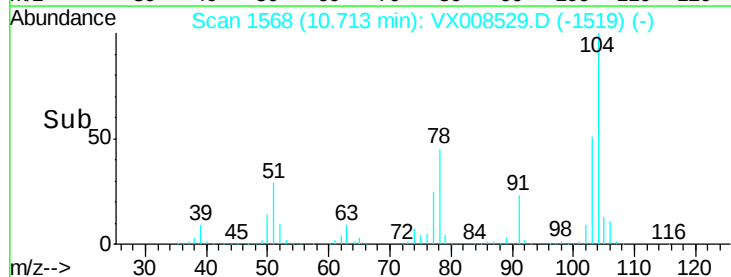
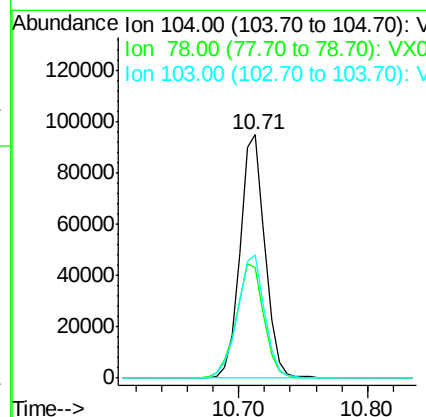
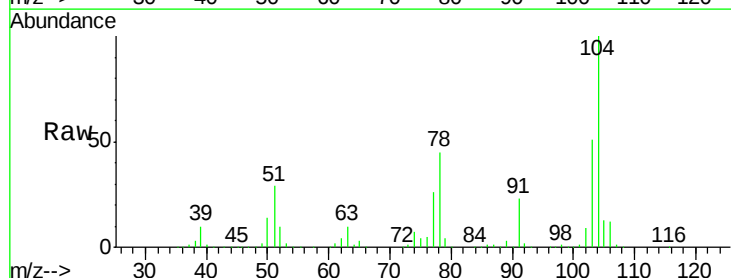
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#70
Styrene
Concen: 17.750 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008529.D
Acq: 28 Mar 2019 18:56

Tgt Ion:104 Resp: 127392
Ion Ratio Lower Upper
104 100
78 52.6 42.5 63.7
103 55.4 44.2 66.4





#71

Bromoform

Concen: 17.049 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008529.D

Acq: 28 Mar 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBSD01

Tot Ion:173 Resp: 28968

Ion Ratio Lower Upper

173 100

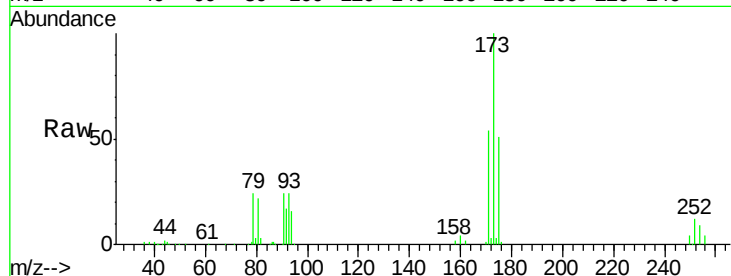
175 50.1 24.3 72.8

254 0.0 0.2 0.2#

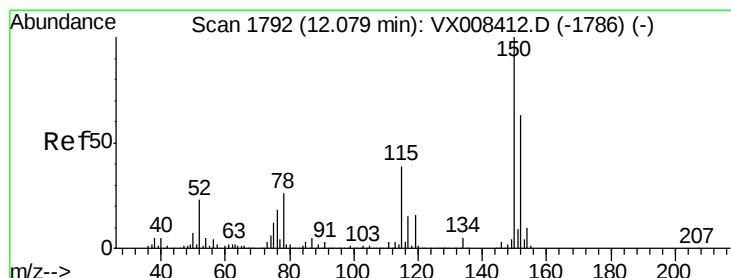
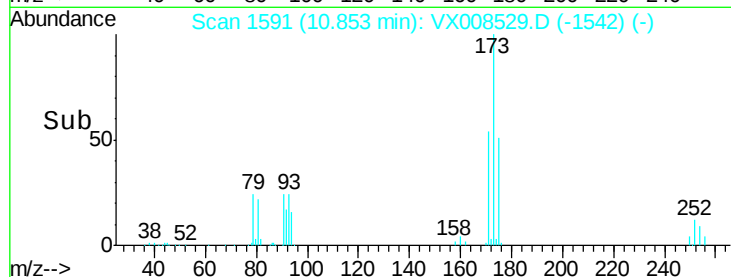
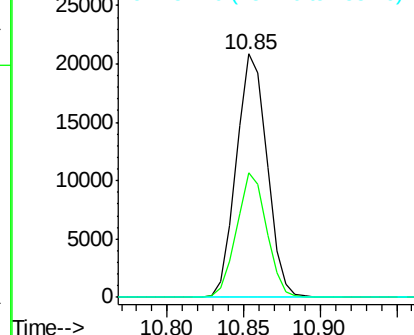
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008529.D

Acq: 28 Mar 2019 18:56

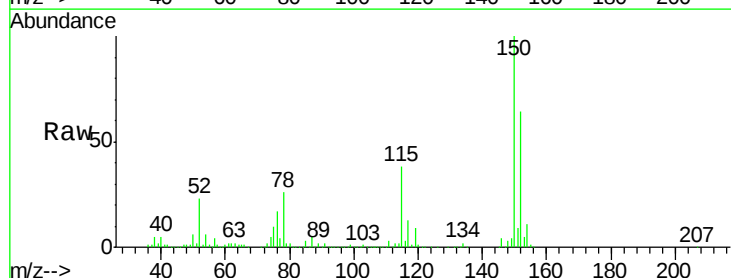
Tgt Ion:152 Resp: 130401

Ion Ratio Lower Upper

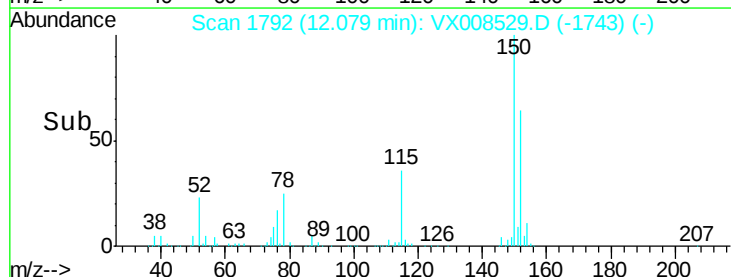
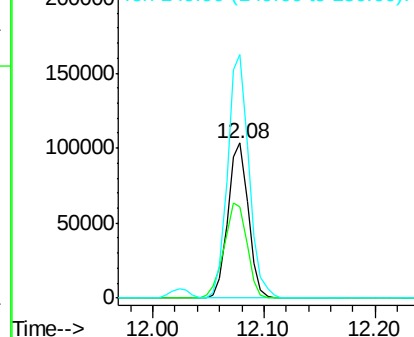
152 100

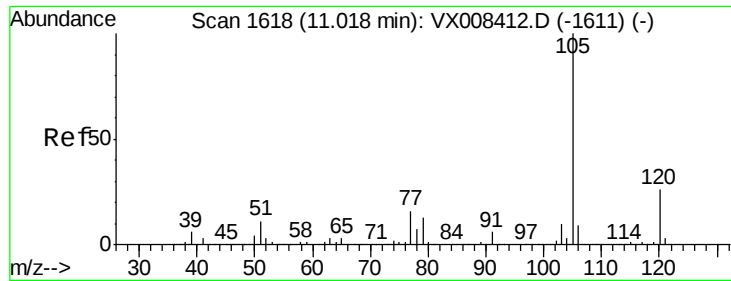
115 69.9 43.5 130.5

150 163.6 0.0 348.8



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





#73

Isopropylbenzene

Concen: 18.315 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008529.D

Acq: 28 Mar 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBSD01

Tot Ion: 105 Resp: 194304

Ion Ratio Lower Upper

105 100

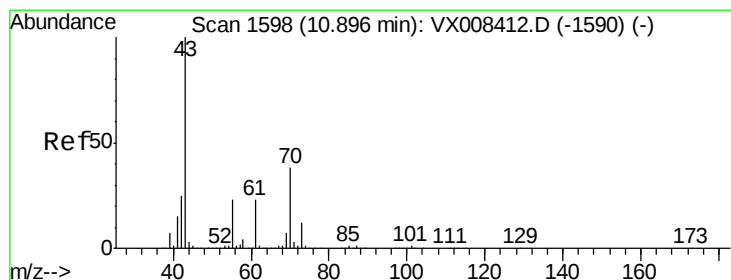
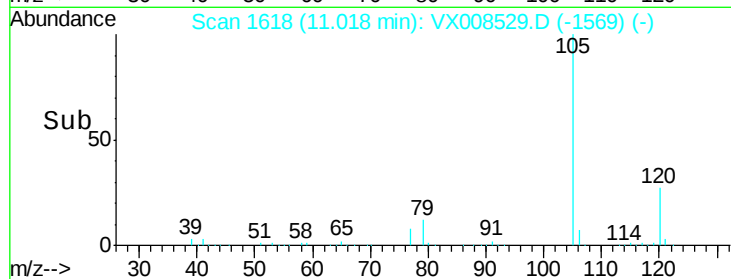
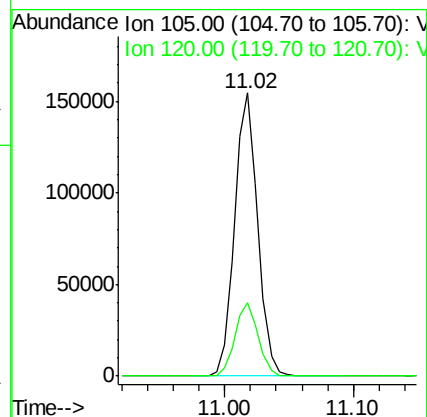
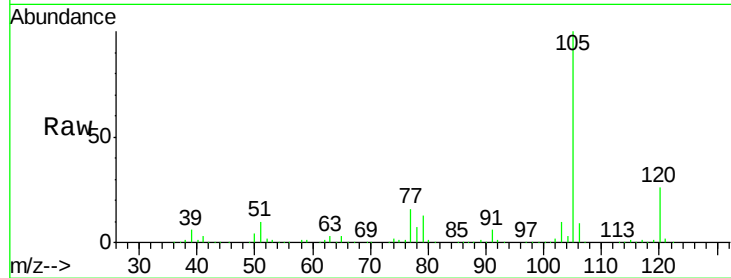
120 26.0 12.9 38.7

Manual Integrations

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#74

N-ethyl acetate

Concen: 19.074 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008529.D

Acq: 28 Mar 2019 18:56

Tgt Ion: 43 Resp: 117126

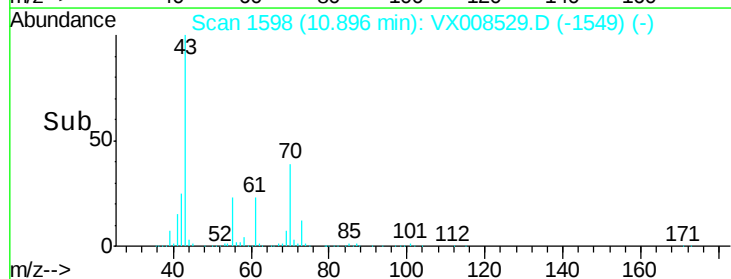
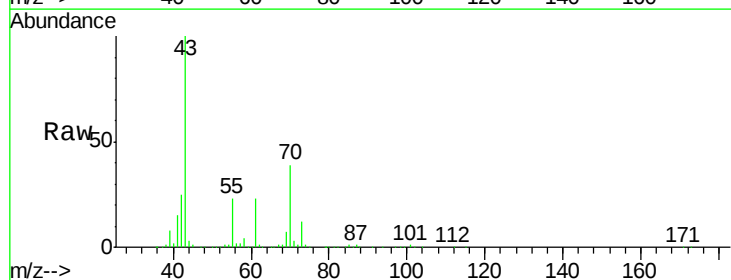
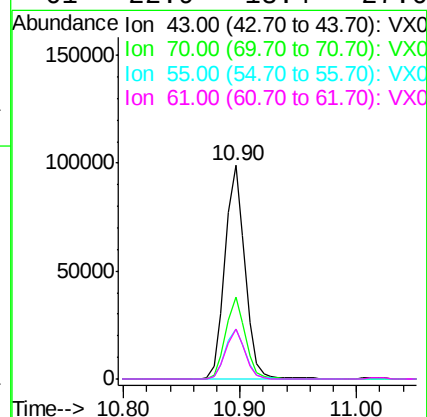
Ion Ratio Lower Upper

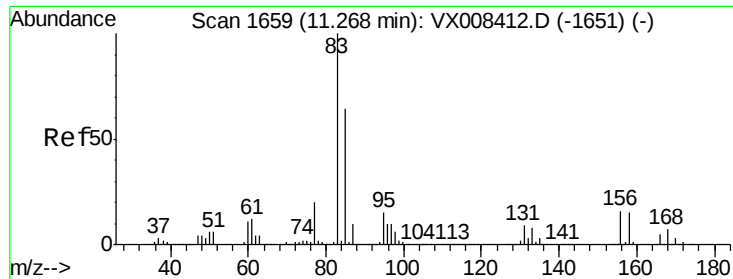
43 100

70 37.8 30.5 45.7

55 23.6 18.2 27.2

61 22.9 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.793 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008529.D

Acq: 28 Mar 2019 18:56

Instrument :

MSVOA_X

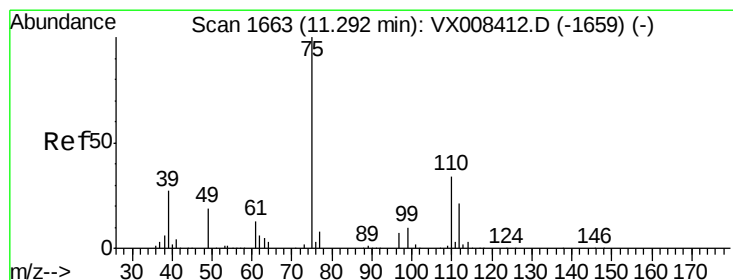
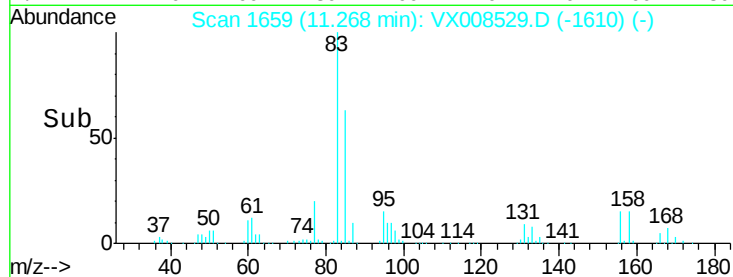
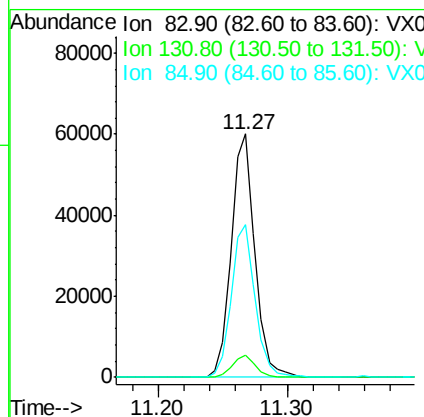
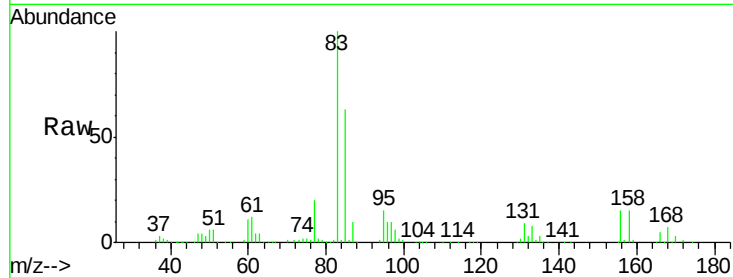
ClientSampleId :

VX0328WBSD01

Tot Ion:	83	Resp:	77353
Ion	Ratio	Lower	Upper
83	100		
131	9.0	4.5	13.4
85	63.4	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 16.851 ug/l m

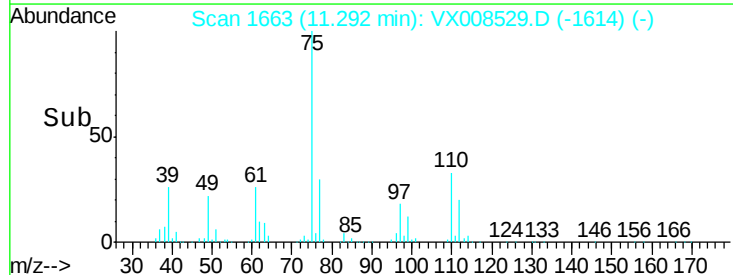
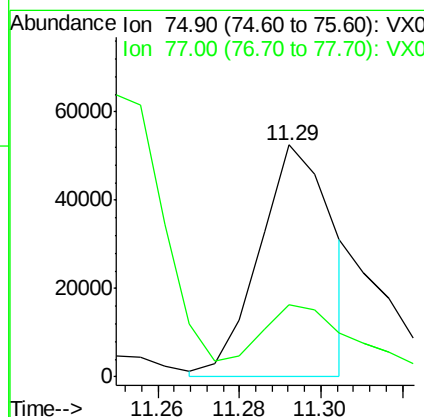
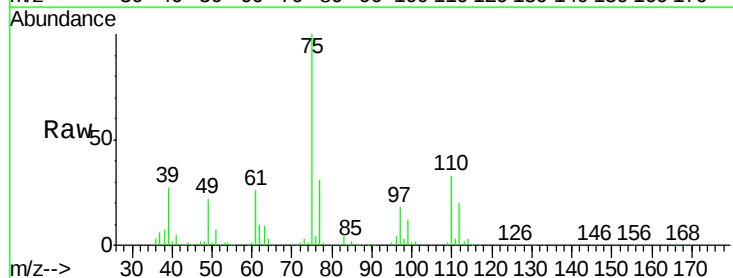
RT: 11.29 min Scan# 1663

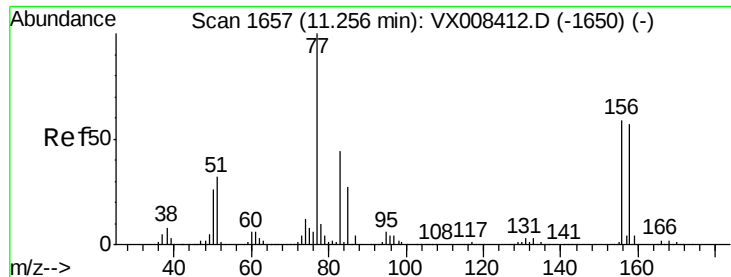
Delta R.T. 0.00 min

Lab File: VX008529.D

Acq: 28 Mar 2019 18:56

Tgt Ion:	75	Resp:	65326
Ion	Ratio	Lower	Upper
75	100		
77	41.8	21.9	65.7





#77

Bromobenzene

Concen: 17.871 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008529.D

Acq: 28 Mar 2019 18:56

Instrument :

MSVOA_X

ClientSampleId :

VX0328WBSD01

Tot Ion:156 Resp: 46014

Ion Ratio Lower Upper

156 100

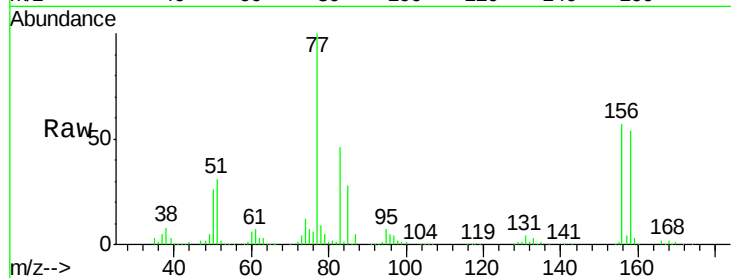
77 183.2 91.1 273.3

158 96.5 48.3 144.8

Manual Integrations
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MMDadoda

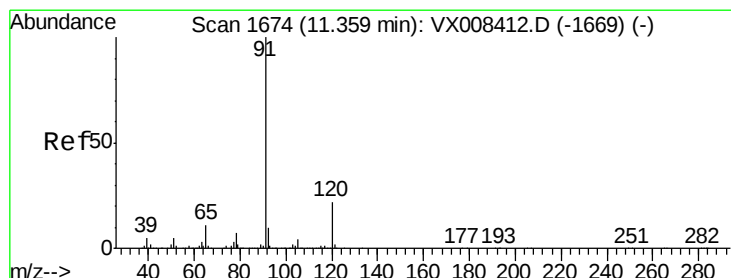
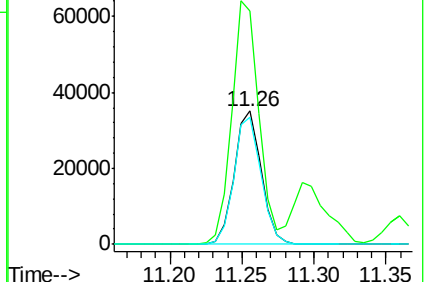
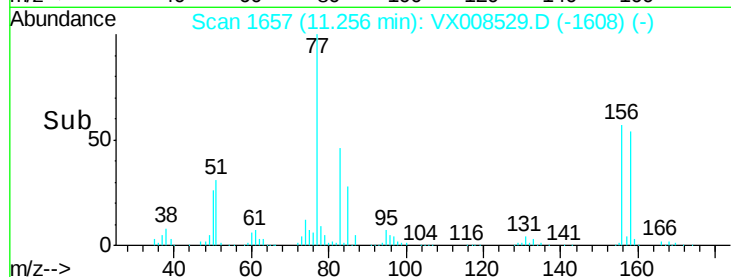
3/29/2019 10:52:14 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.871 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008529.D

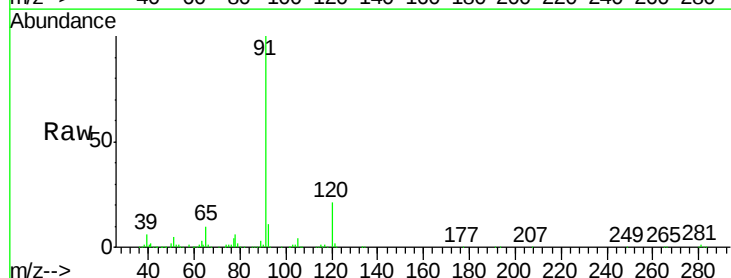
Acq: 28 Mar 2019 18:56

Tgt Ion: 91 Resp: 222090

Ion Ratio Lower Upper

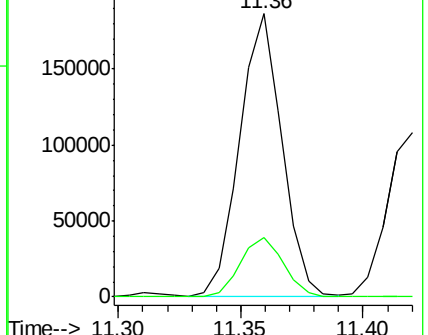
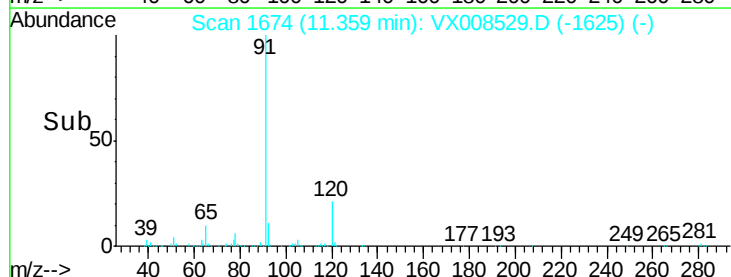
91 100

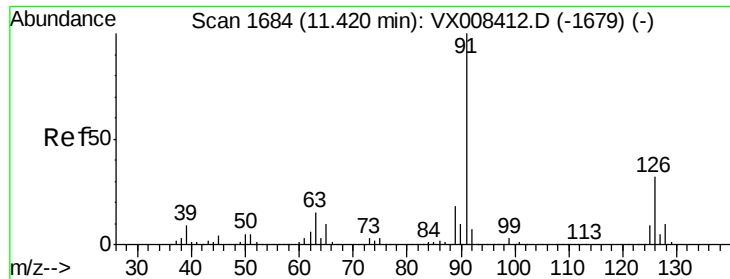
120 21.7 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





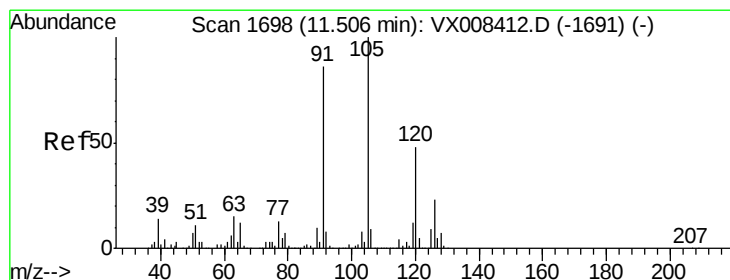
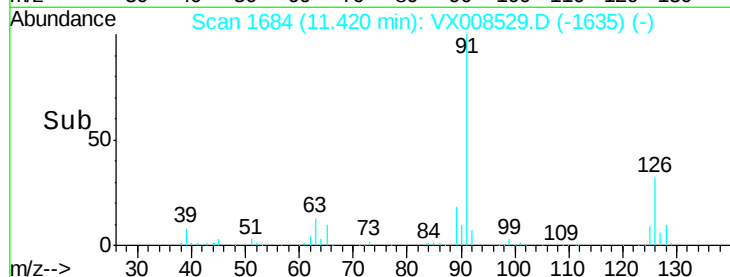
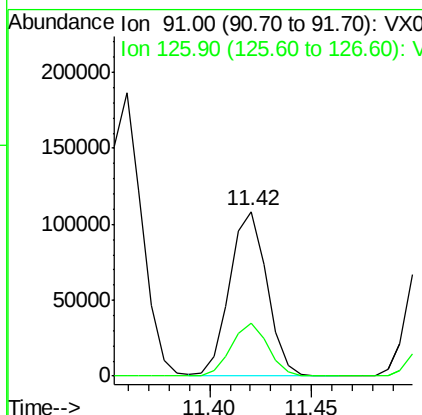
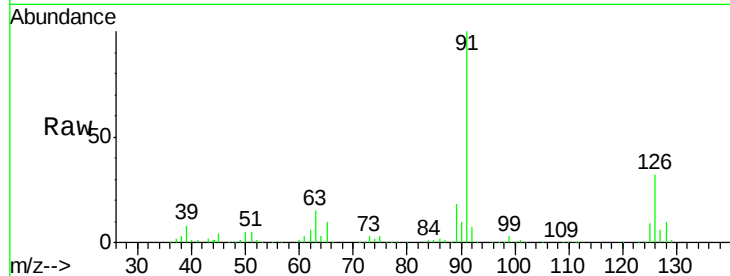
#79
 2-Chlorotoluene
 Concen: 18.009 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX008529.D
 Acq: 28 Mar 2019 18:56

Instrument :
 MSVOA_X
 ClientSampled :
 VX0328WBSD01

Tot Ion: 91 Resp: 136129
 Ion Ratio Lower Upper
 91 100
 126 32.0 15.7 47.1

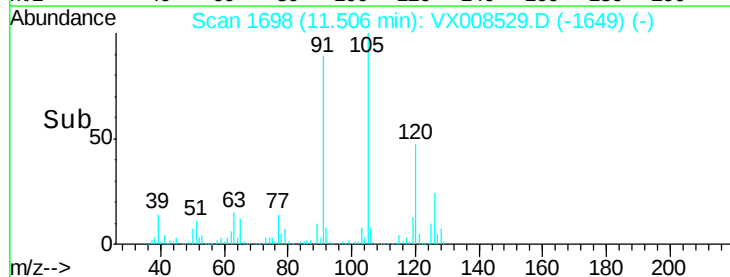
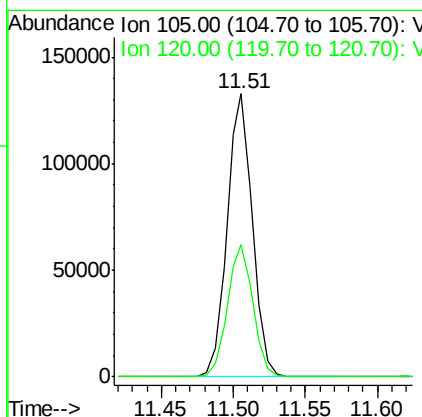
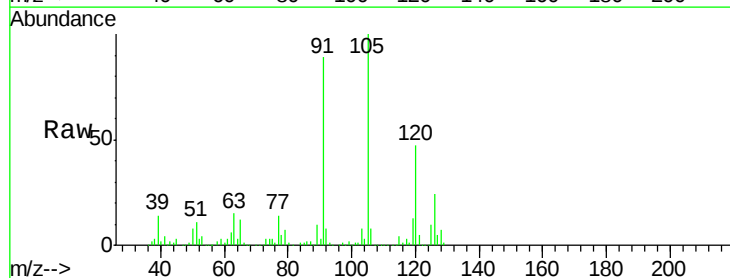
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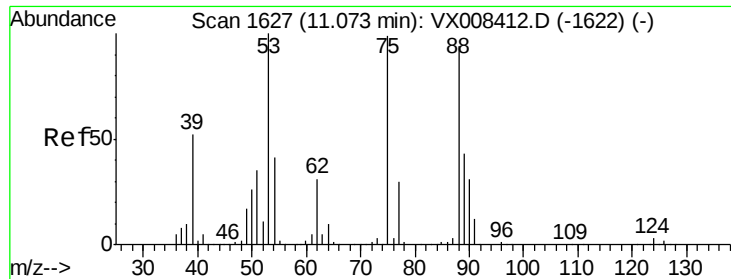
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 18.155 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX008529.D
 Acq: 28 Mar 2019 18:56

Tgt Ion: 105 Resp: 162827
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.4 70.3





#81

trans-1,4-Dichloro-2-butene

Concen: 16.451 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008529.D

Acq: 28 Mar 2019 18:56

Instrument :

MSVOA_X

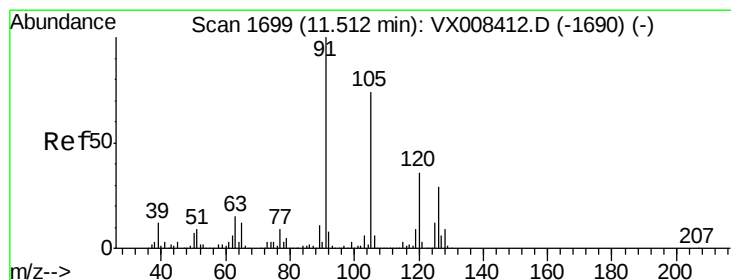
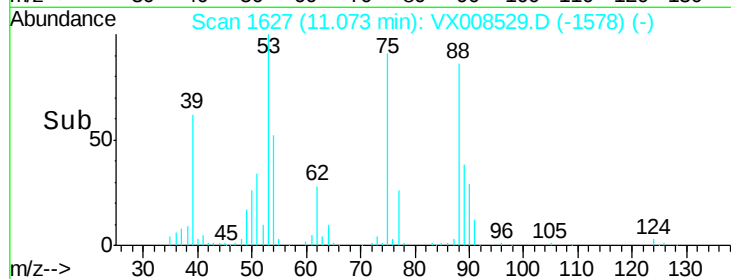
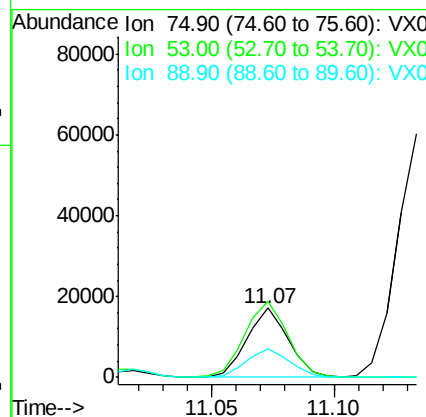
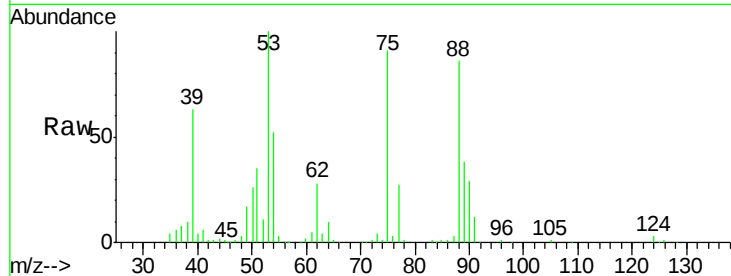
ClientSampleId :

VX0328WBSD01

Tot Ion:	75	Resp:	19912
Ion	Ratio	Lower	Upper
75	100		
53	114.3	82.1	123.1
89	43.6	34.6	52.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 17.813 ug/l

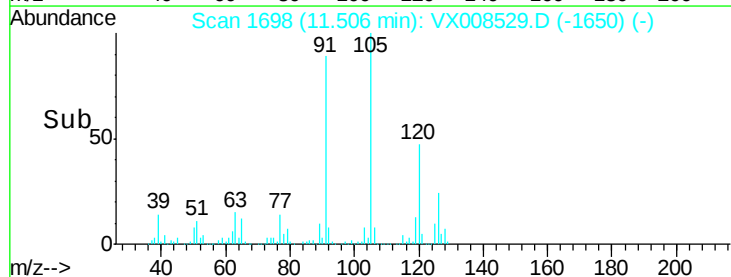
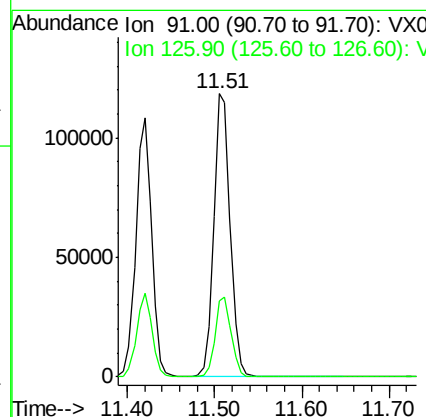
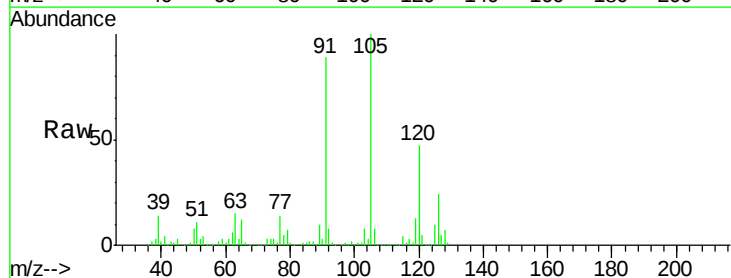
RT: 11.51 min Scan# 1698

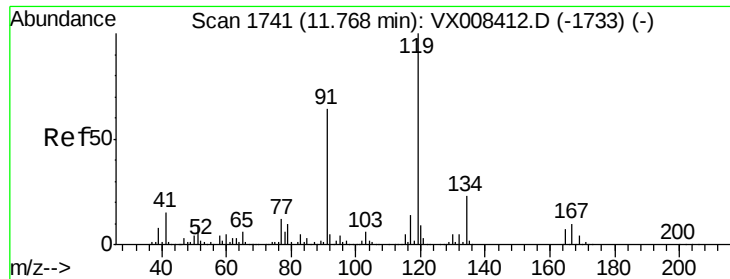
Delta R.T. -0.01 min

Lab File: VX008529.D

Acq: 28 Mar 2019 18:56

Tgt Ion:	91	Resp:	155310
Ion	Ratio	Lower	Upper
91	100		
126	27.5	13.9	41.7





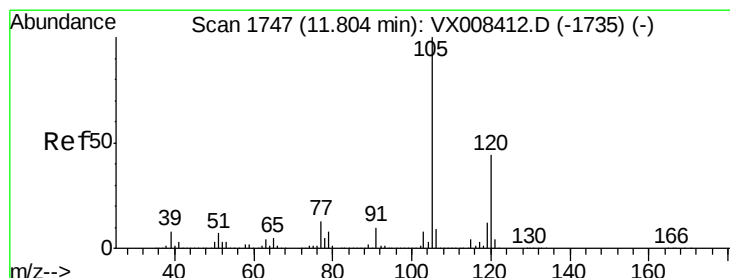
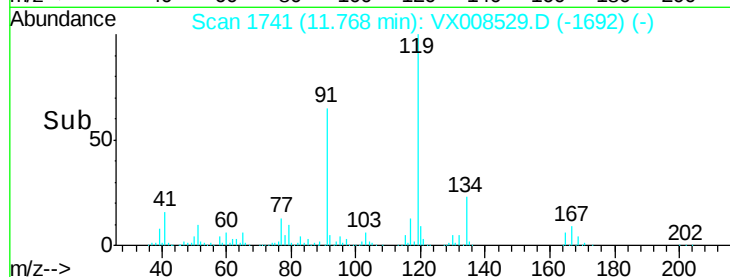
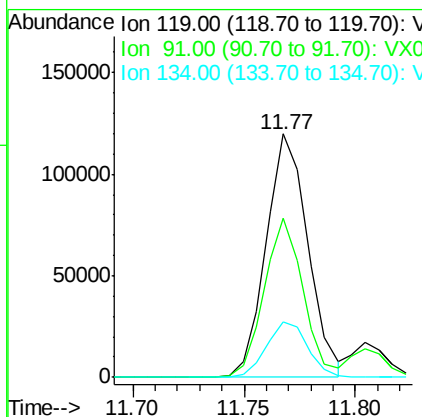
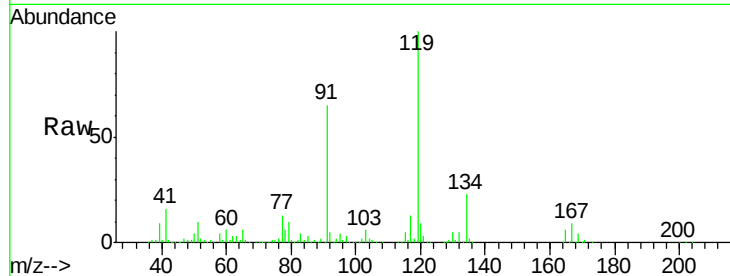
#83
tert-Butylbenzene
Concen: 18.015 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX008529.D
Acq: 28 Mar 2019 18:56

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	155884		
91	61.0		30.1	90.3
134	22.6		10.9	32.9

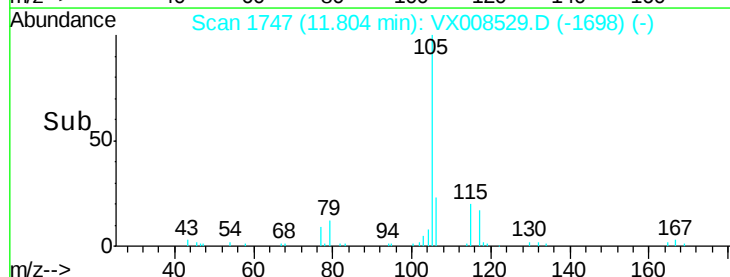
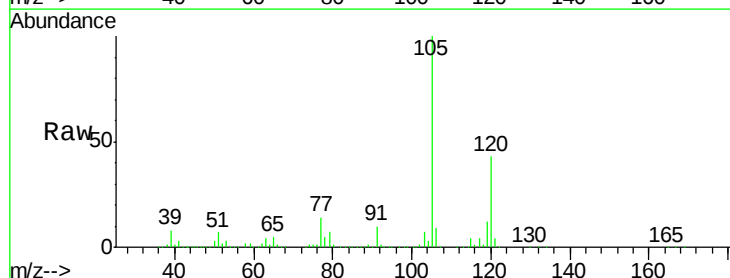
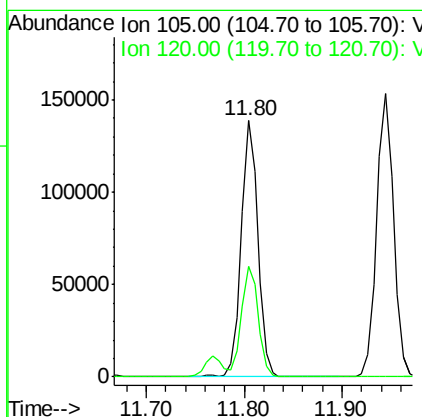
Manual Integrations
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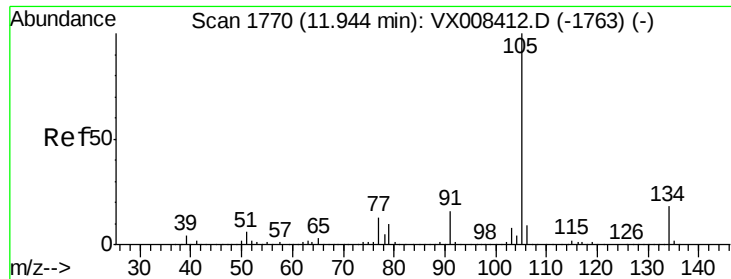
MMDadoda
3/29/2019 10:52:14 AM



#84
1,2,4-Trimethylbenzene
Concen: 18.164 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX008529.D
Acq: 28 Mar 2019 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	164774		
120	42.9		21.6	65.0





#85

sec-Butylbenzene

Concen: 17.886 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008529.D

Acq: 28 Mar 2019 18:56

Instrument :

MSVOA_X

ClientSampled :

VX0328WBSD01

Tot Ion:105 Resp: 184310

Ion Ratio Lower Upper

105 100

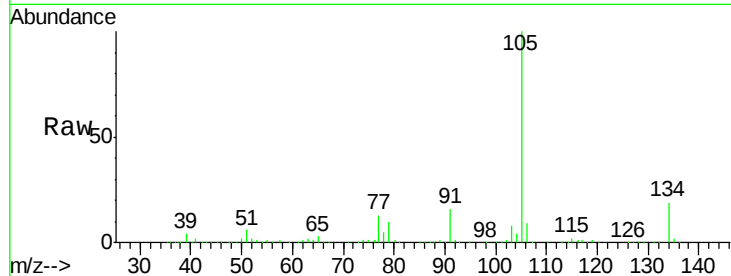
134 18.9 9.3 28.0

Manual Integrations

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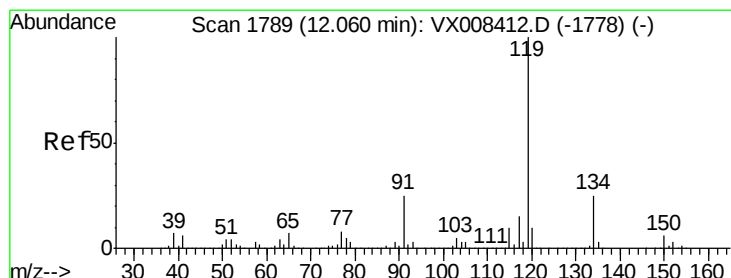
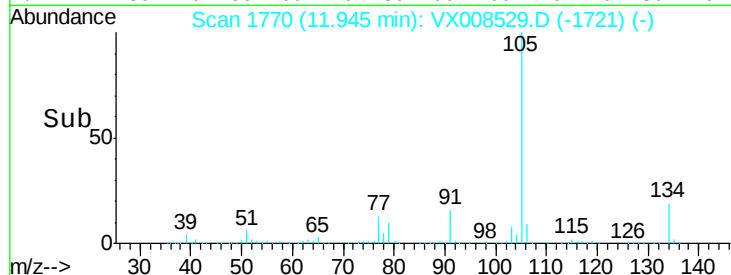
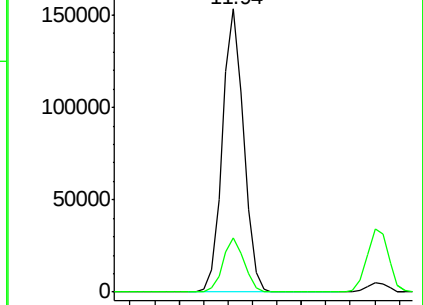
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.029 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008529.D

Acq: 28 Mar 2019 18:56

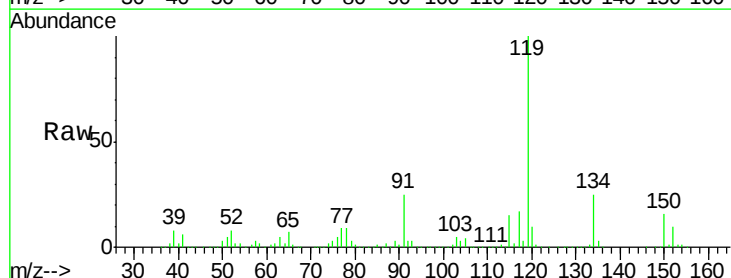
Tgt Ion:119 Resp: 163930

Ion Ratio Lower Upper

119 100

134 25.5 12.8 38.4

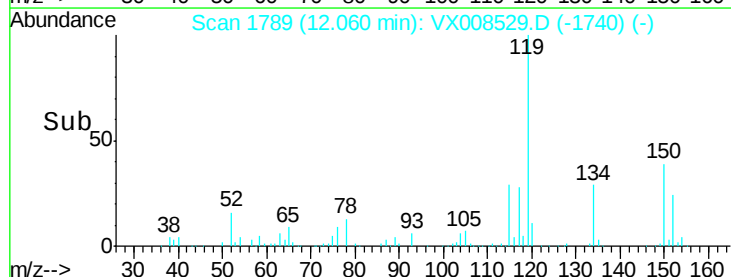
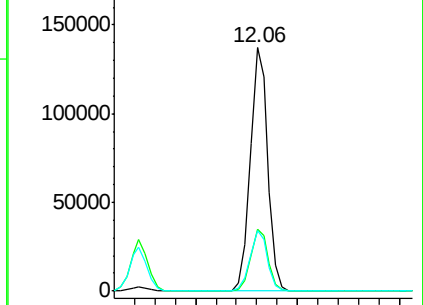
91 24.8 12.4 37.0

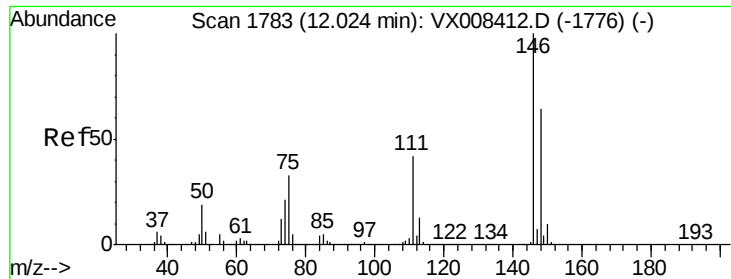


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 17.519 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX008529.D

Acq: 28 Mar 2019 18:56

Instrument :

MSVOA_X

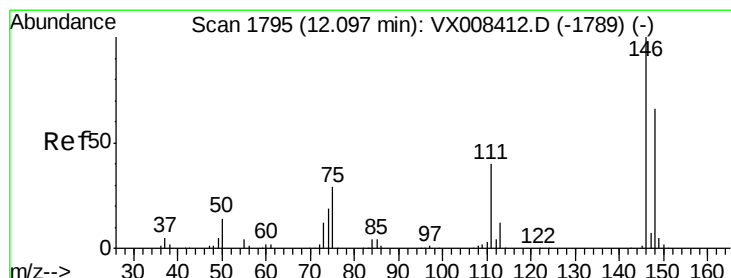
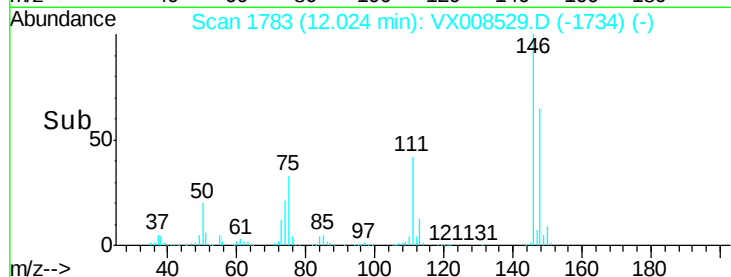
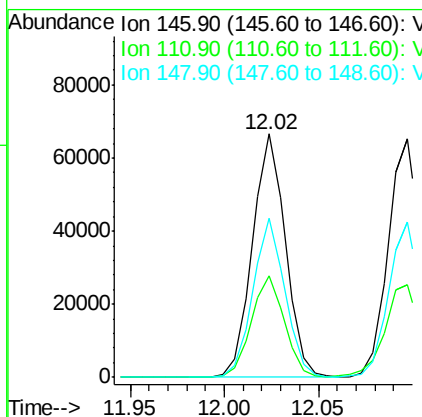
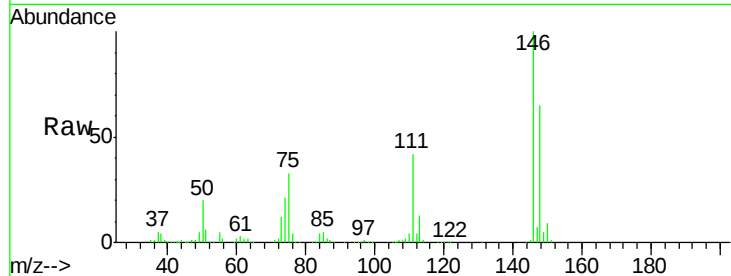
ClientSampleId :

VX0328WBSD01

Tot Ion:	146	Resp:	80595
Ion Ratio	Lower	Upper	
146	100		
111	41.8	20.8	62.5
148	63.2	32.0	96.0

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 17.422 ug/l

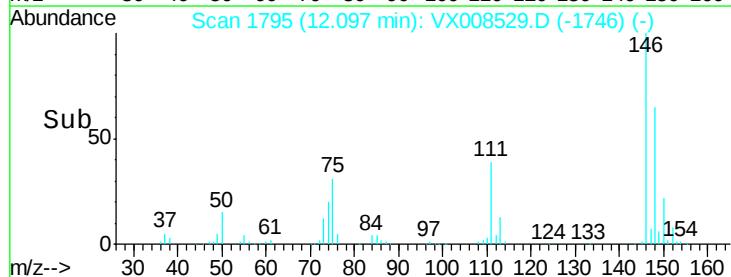
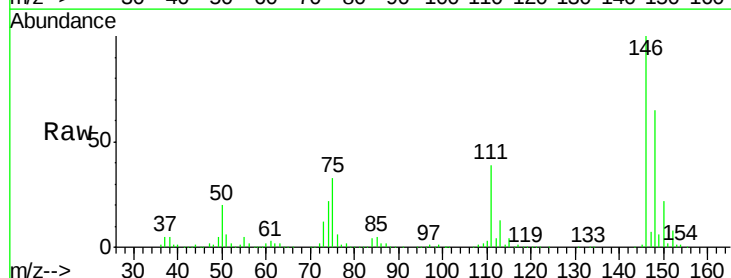
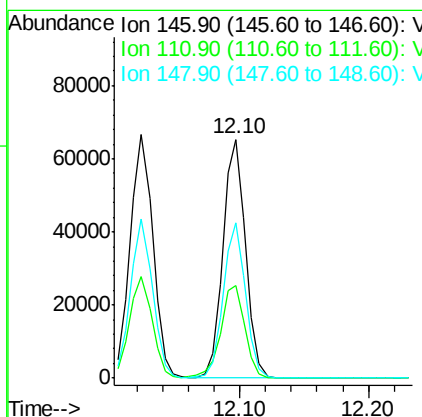
RT: 12.10 min Scan# 1795

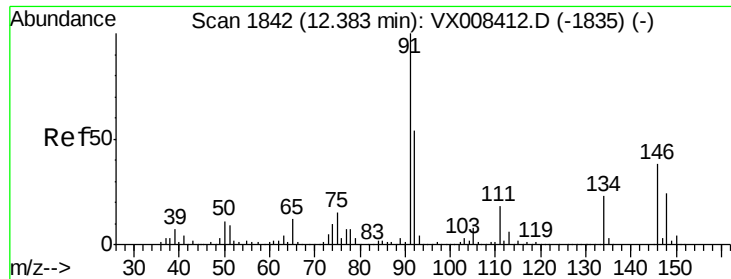
Delta R.T. 0.00 min

Lab File: VX008529.D

Acq: 28 Mar 2019 18:56

Tgt Ion:	146	Resp:	80886
Ion Ratio	Lower	Upper	
146	100		
111	41.4	20.3	61.0
148	64.1	32.1	96.5





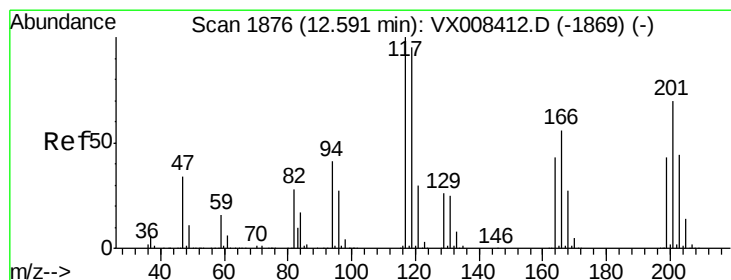
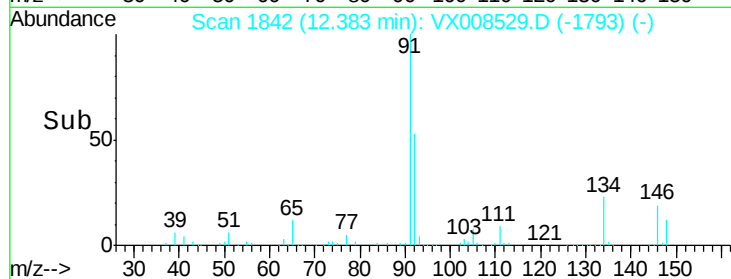
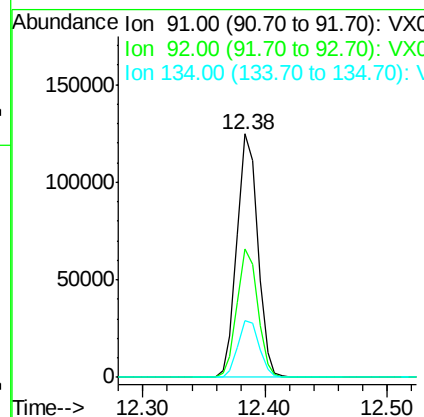
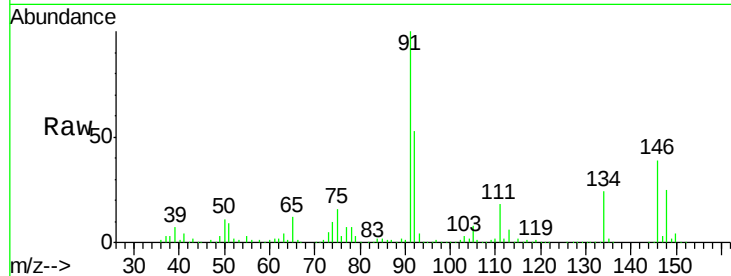
#89
n-Butylbenzene
Concen: 16.995 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008529.D
Acq: 28 Mar 2019 18:56

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.5	79.5
134	23.8	11.8	35.4

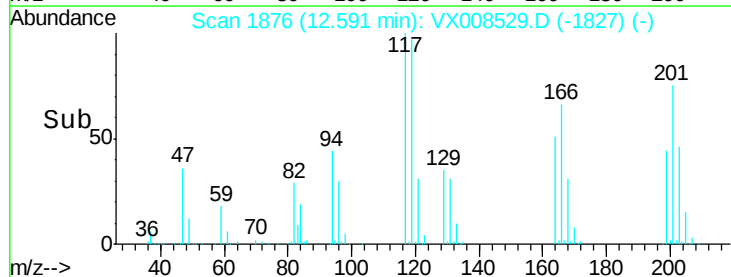
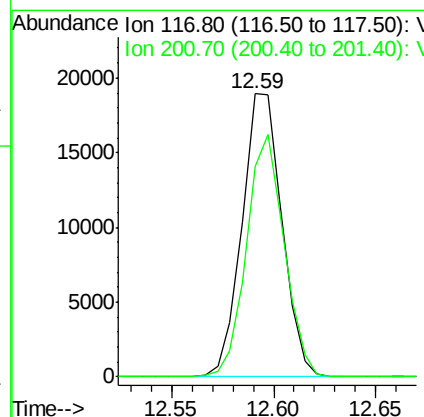
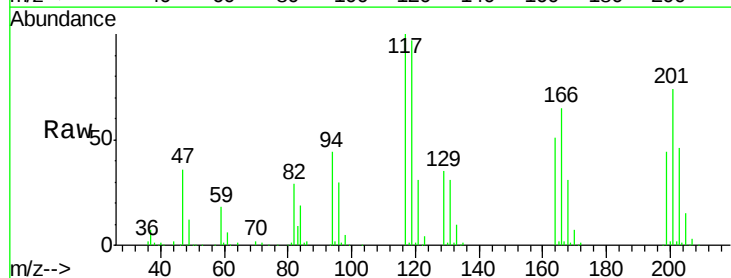
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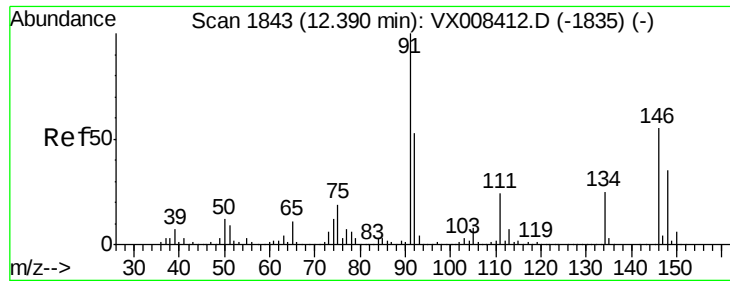
MMDadoda
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#90
Hexachloroethane
Concen: 16.997 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX008529.D
Acq: 28 Mar 2019 18:56

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.4	39.4	118.1





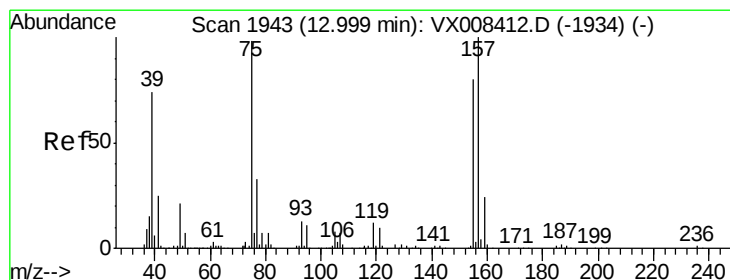
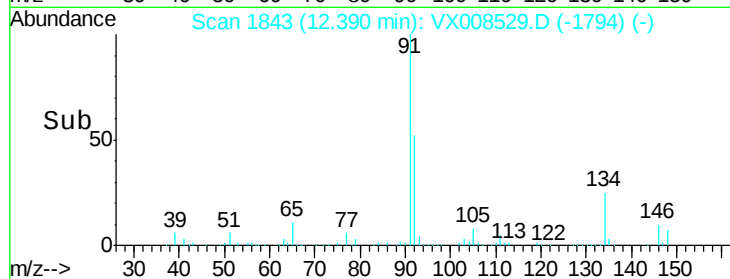
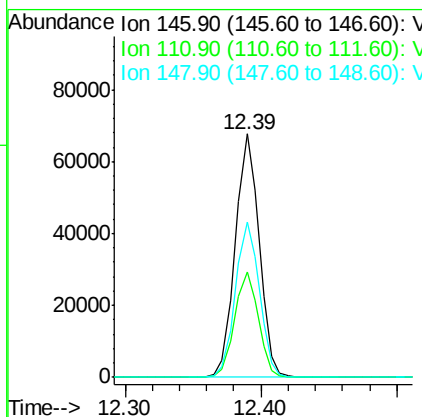
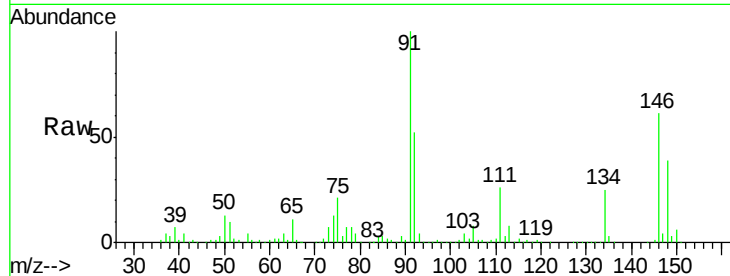
#91
 1,2-Dichlorobenzene
 Concen: 17.954 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008529.D
 Acq: 28 Mar 2019 18:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.6	64.6
148	64.4	31.9	95.7

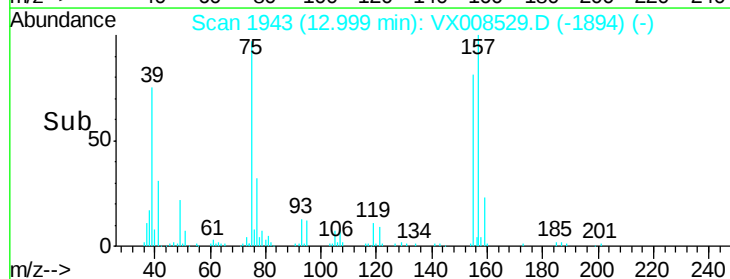
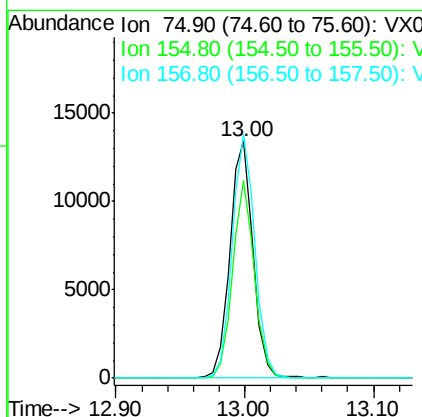
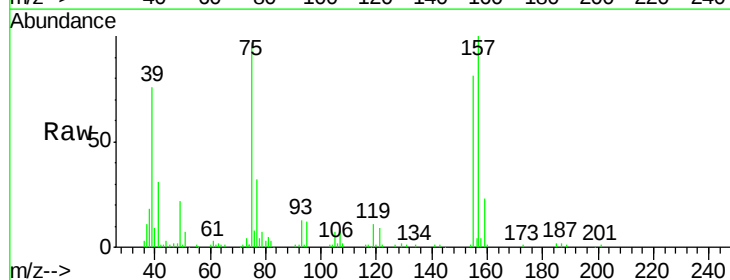
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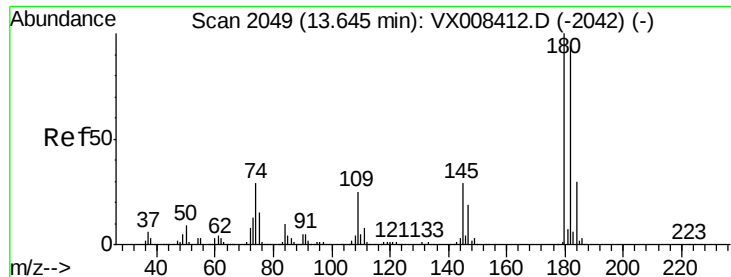
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.820 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008529.D
 Acq: 28 Mar 2019 18:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.7	39.5	118.5
157	100.0	49.9	149.7





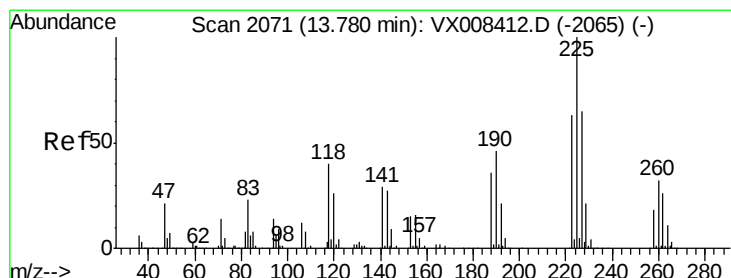
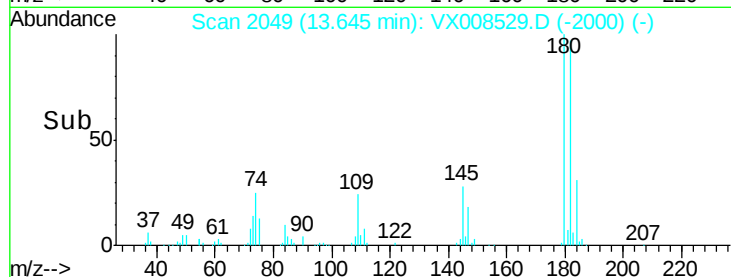
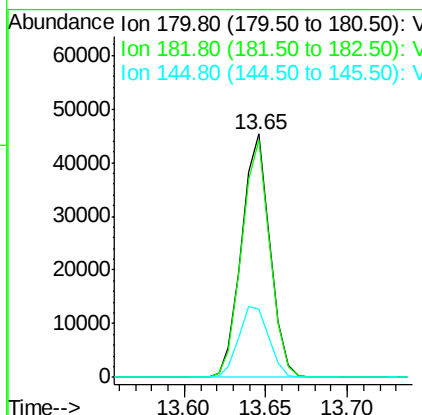
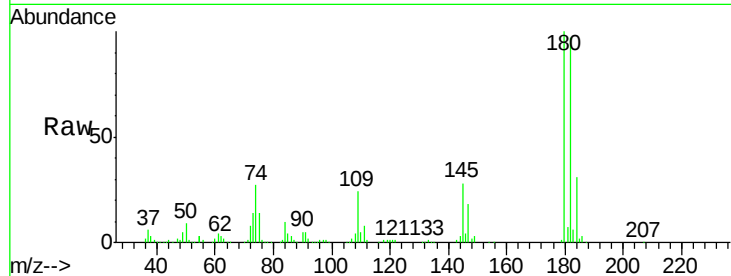
#93
 1,2,4-Trichlorobenzene
 Concen: 17.794 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008529.D
 Acq: 28 Mar 2019 18:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0328WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	55190		
182	96.7	47.3	142.0	
145	30.9	15.3	45.8	

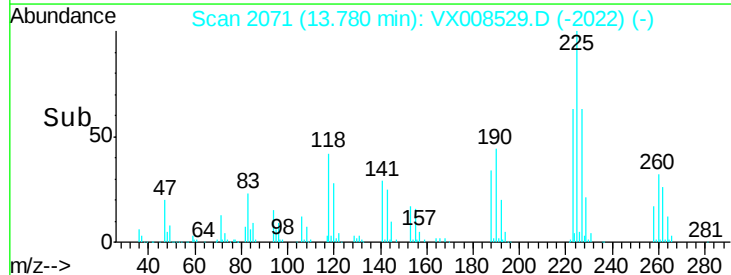
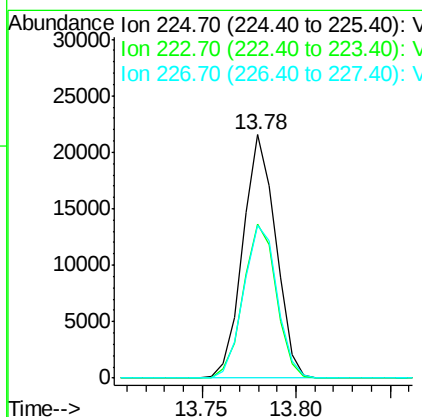
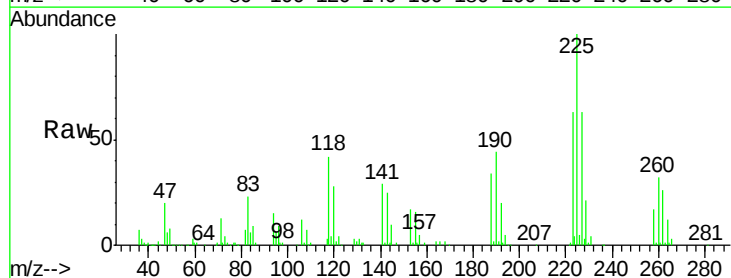
Manual Integrations
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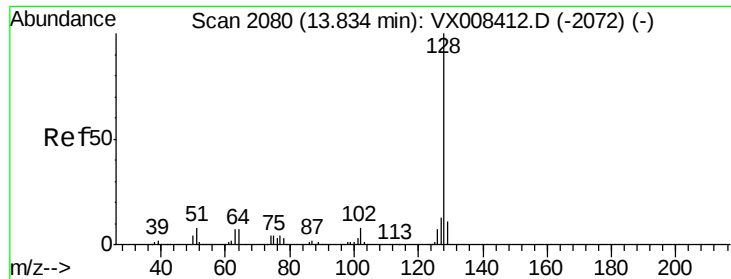
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 3/29/2019 10:52:14 AM



#94
 Hexachlorobutadiene
 Concen: 17.702 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008529.D
 Acq: 28 Mar 2019 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	26070		
223	63.3	31.4	94.0	
227	64.2	31.9	95.9	





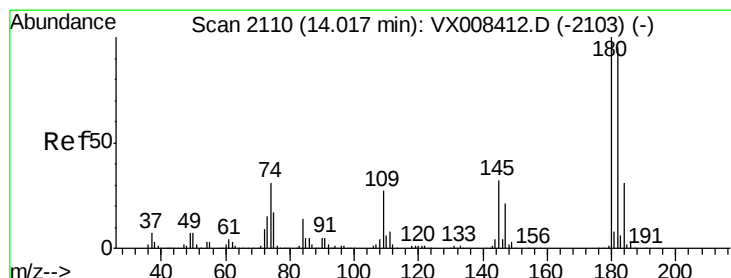
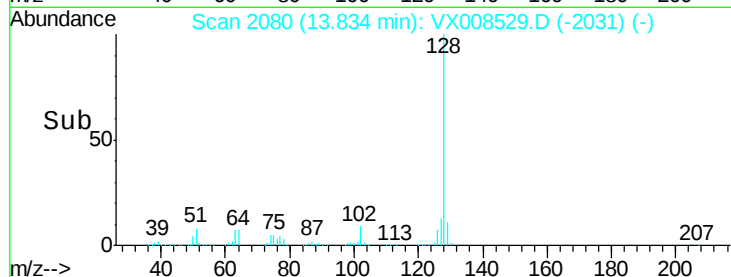
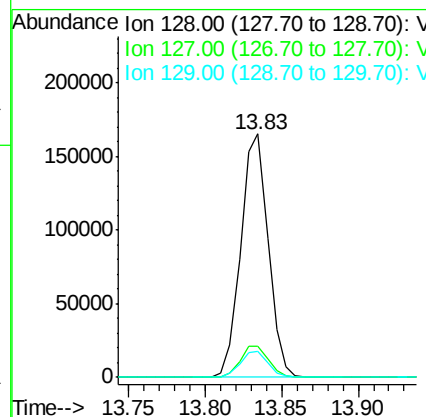
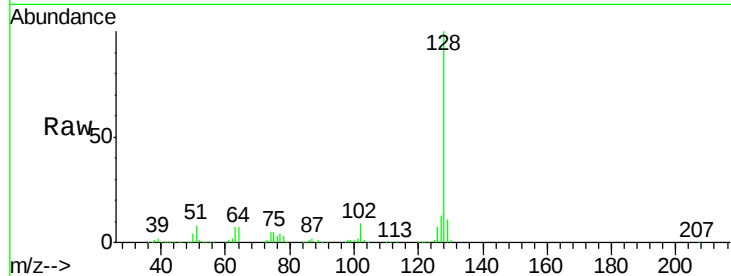
#95
Naphthalene
Concen: 19.361 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008529.D
Acq: 28 Mar 2019 18:56

Instrument :
MSVOA_X
ClientSampleId :
VX0328WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	205874		
127	13.1		10.4	15.6
129	11.0		8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 18.638 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX008529.D
Acq: 28 Mar 2019 18:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	58088		
182	96.5		47.3	142.0
145	32.7		16.2	48.5

