

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042919\
 Data File : VX009208.D
 Acq On : 29 Apr 2019 15:25
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/30/2019 11:03:47 AM

Quant Time: Apr 30 07:31:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	179947	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	295781	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	271997	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	136003	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	131528	53.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.08%	
35) Dibromofluoromethane	5.49	113	94288	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
50) Toluene-d8	8.71	98	379467	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
62) 4-Bromofluorobenzene	11.13	95	141712	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	79977	48.230	ug/l	98
3) Chloromethane	1.32	50	112271	49.591	ug/l	100
4) Vinyl Chloride	1.41	62	104916	47.525	ug/l	97
5) Bromomethane	1.64	94	66540	50.218	ug/l	98
6) Chloroethane	1.71	64	67008	47.276	ug/l	98
7) Trichlorofluoromethane	1.92	101	128153	47.756	ug/l	99
8) Diethyl Ether	2.18	74	65944	51.879	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	81266	48.225	ug/l	99
10) Methyl Iodide	2.51	142	81215	42.263	ug/l	99
11) Tert butyl alcohol	3.05	59	154721	272.100	ug/l	100
12) 1,1-Dichloroethene	2.37	96	81734	48.409	ug/l	99
13) Acrolein	2.29	56	129983	252.415	ug/l	99
14) Allyl chloride	2.73	41	199568	48.501	ug/l	100
15) Acrylonitrile	3.14	53	368200	264.833	ug/l	99
16) Acetone	2.45	43	330444	250.519	ug/l	97
17) Carbon Disulfide	2.57	76	230581	48.642	ug/l	99
18) Methyl Acetate	2.77	43	163103	51.994	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	349205	53.260	ug/l	99
20) Methylene Chloride	2.85	84	104955	49.143	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	89252	48.742	ug/l	98
22) Diisopropyl ether	3.85	45	408707	51.650	ug/l	99
23) Vinyl Acetate	3.81	43	1867796	275.648	ug/l	100
24) 1,1-Dichloroethane	3.70	63	191530	49.065	ug/l	99
25) 2-Butanone	4.67	43	552009	269.306	ug/l	99
26) 2,2-Dichloropropane	4.58	77	139650	48.062	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	110034	50.344	ug/l	97
28) Bromochloromethane	5.01	49	86560	55.380	ug/l	99
29) Tetrahydrofuran	5.13	42	361095	273.764	ug/l	99
30) Chloroform	5.21	83	178495	50.557	ug/l	99
31) Cyclohexane	5.58	56	177222	48.798	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	141574	48.170	ug/l	100
36) 1,1-Dichloropropene	5.80	75	131102	47.695	ug/l	99
37) Ethyl Acetate	4.83	43	205631	53.692	ug/l	100
38) Carbon Tetrachloride	5.78	117	117852	47.190	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	161225	47.760	ug/l	99
40) Benzene	6.14	78	414534	48.729	ug/l	100
41) Methacrylonitrile	5.04	41	117148	51.386	ug/l	100
42) 1,2-Dichloroethane	6.19	62	156858	51.403	ug/l	99
43) Isopropyl Acetate	6.44	43	328219	53.578	ug/l	100
44) Trichloroethene	7.21	130	96716	47.028	ug/l	99
45) 1,2-Dichloropropane	7.51	63	122740	50.955	ug/l	98
46) Dibromomethane	7.66	93	71192	50.895	ug/l	99
47) Bromodichloromethane	7.90	83	142077	50.919	ug/l	99
48) Methyl methacrylate	7.77	41	163172	53.688	ug/l	100
49) 1,4-Dioxane	7.74	88	63488	1030.057	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1063399	265.580	ug/l	100
52) Toluene	8.78	92	252150	48.762	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	169730	53.879	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	184093	52.797	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	107415	50.916	ug/l	95
56) Ethyl methacrylate	9.18	69	201506	53.509	ug/l	100
57) 1,3-Dichloropropane	9.37	76	190935	51.431	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	528334	264.461	ug/l	100
59) 2-Hexanone	9.49	43	839736	267.029	ug/l	100
60) Dibromochloromethane	9.58	129	109007	52.904	ug/l	100
61) 1,2-Dibromoethane	9.67	107	111121	52.180	ug/l	100
64) Tetrachloroethene	9.34	164	85862	46.019	ug/l	96
65) Chlorobenzene	10.13	112	265178	48.736	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	97061	49.203	ug/l	99
67) Ethyl Benzene	10.25	91	482340	48.167	ug/l	100
68) m/p-Xylenes	10.36	106	352652	96.370	ug/l	98
69) o-Xylene	10.69	106	173393	48.025	ug/l	98
70) Styrene	10.71	104	312969	49.873	ug/l	99
71) Bromoform	10.85	173	83442	52.051	ug/l	100
73) Isopropylbenzene	11.02	105	457463	46.255	ug/l	99
74) N-amyl acetate	10.90	43	303754	52.681	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	184827	50.132	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	160437m	50.855	ug/l	
77) Bromobenzene	11.26	156	117837	48.004	ug/l	99
78) n-propylbenzene	11.36	91	531182	47.029	ug/l	99
79) 2-Chlorotoluene	11.42	91	322843	46.330	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	393975	47.311	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	63985	51.894	ug/l	100
82) 4-Chlorotoluene	11.51	91	372378	47.303	ug/l	99
83) tert-Butylbenzene	11.77	119	378233	46.691	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	400179	47.876	ug/l	99
85) sec-Butylbenzene	11.94	105	446071	46.446	ug/l	100
86) p-Isopropyltoluene	12.06	119	407547	47.202	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	208110	47.557	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	212604	48.190	ug/l	100
89) n-Butylbenzene	12.38	91	372477	47.730	ug/l	99
90) Hexachloroethane	12.60	117	69643	47.345	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	217283	48.749	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	43009	52.002	ug/l	99

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VSTDCCC050

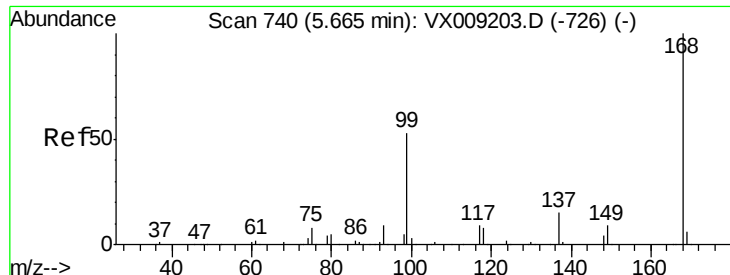
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	152325	49.976	ug/l	99
94) Hexachlorobutadiene	13.78	225	73239	47.055	ug/l	99
95) Naphthalene	13.83	128	511022	51.534	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	152408	49.329	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 179947

Ion Ratio Lower Upper

168 100

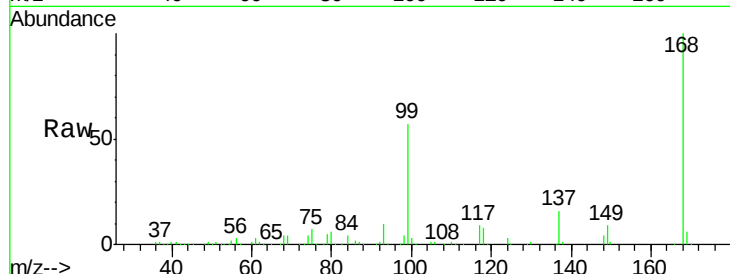
99 56.4 42.3 63.5

Manual Integrations

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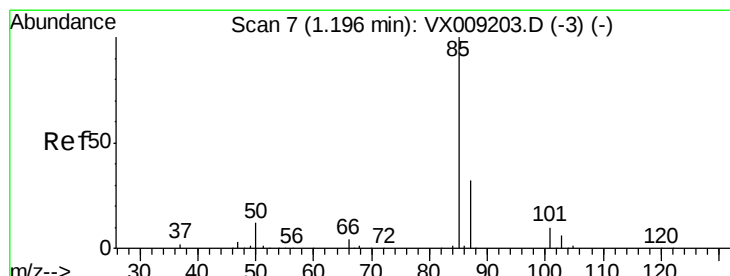
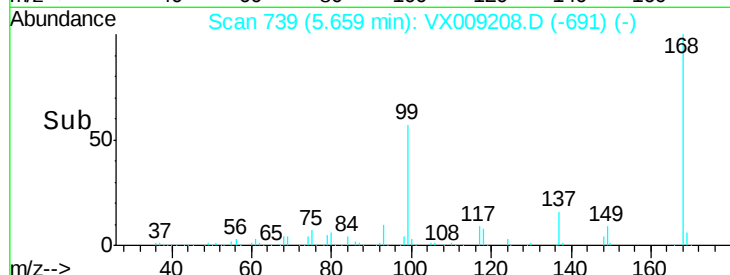
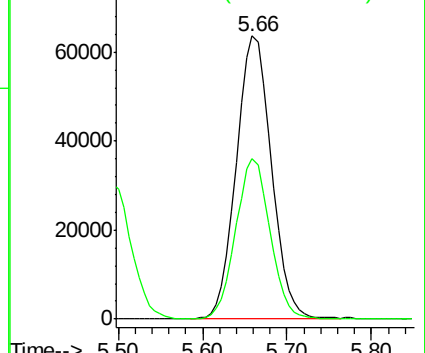
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.230 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009208.D

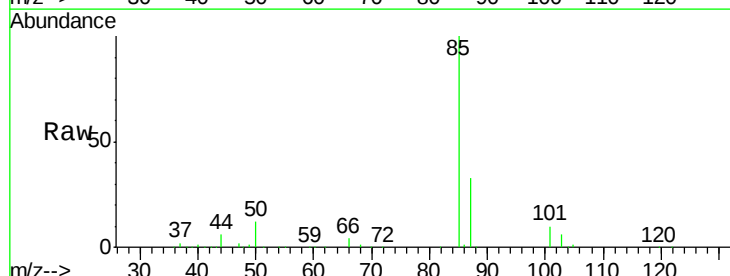
Acq: 29 Apr 2019 15:25

Tgt Ion: 85 Resp: 79977

Ion Ratio Lower Upper

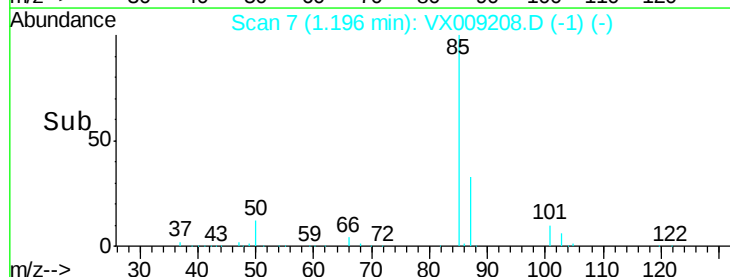
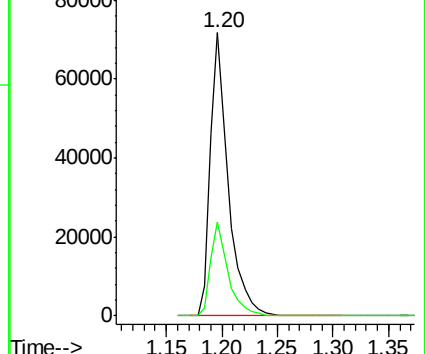
85 100

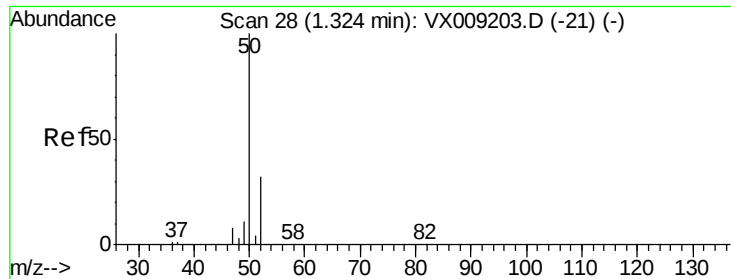
87 33.4 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 49.591 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 112271

Ion Ratio Lower Upper

50 100

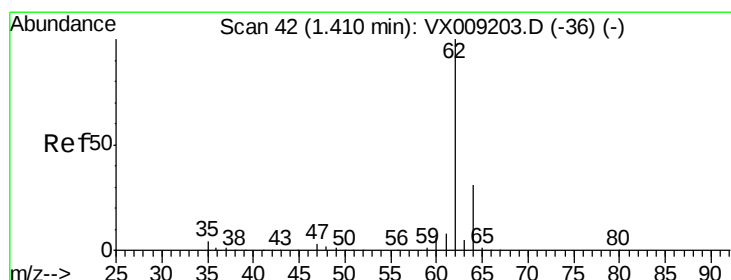
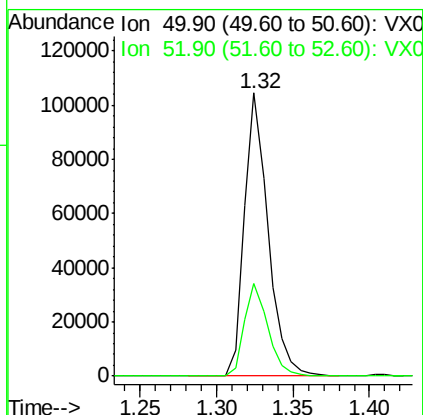
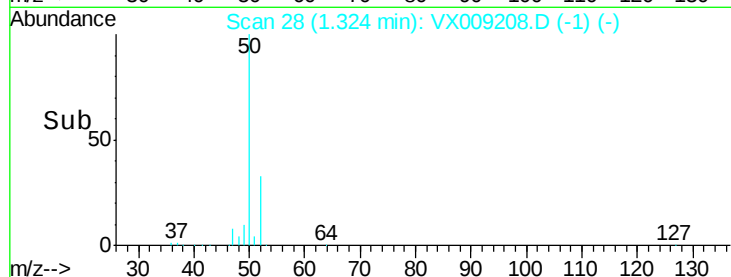
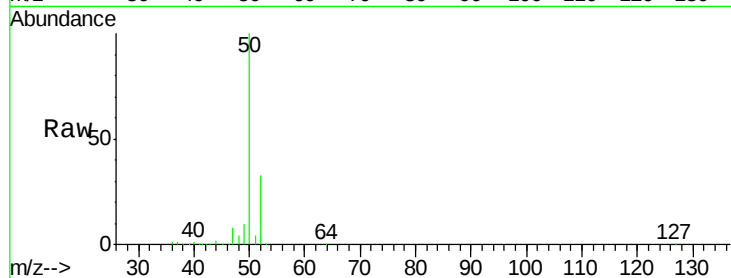
52 32.6 25.9 38.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.525 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009208.D

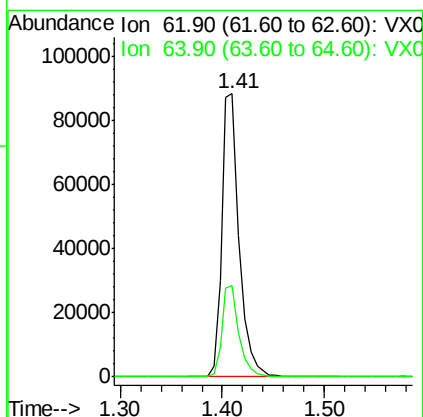
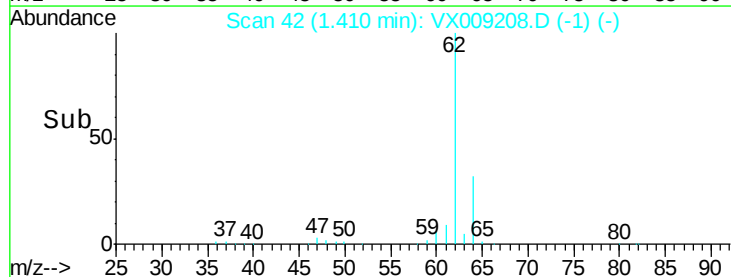
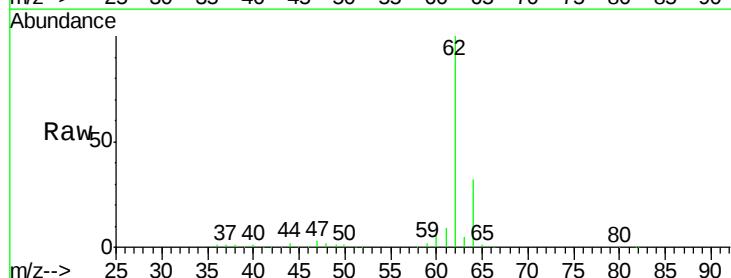
Acq: 29 Apr 2019 15:25

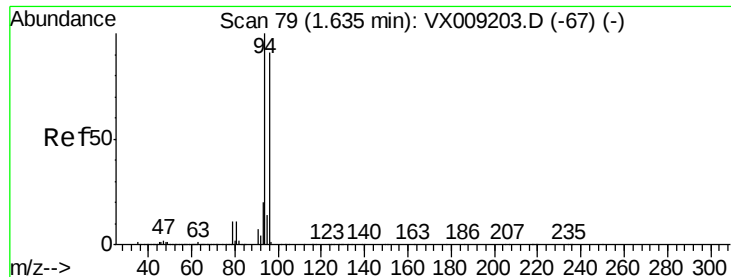
Tgt Ion: 62 Resp: 104916

Ion Ratio Lower Upper

62 100

64 32.5 24.6 36.8





#5

Bromomethane

Concen: 50.218 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 66540

Ion Ratio Lower Upper

94 100

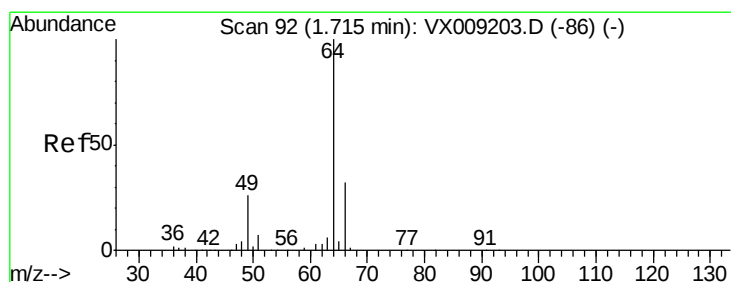
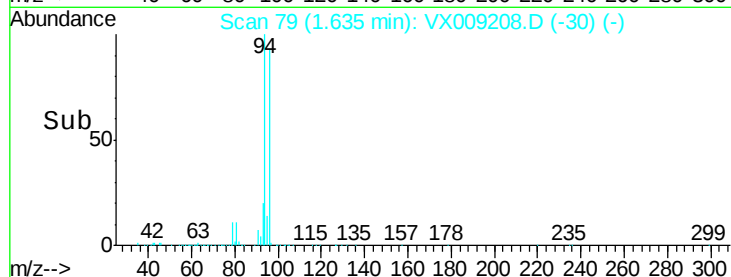
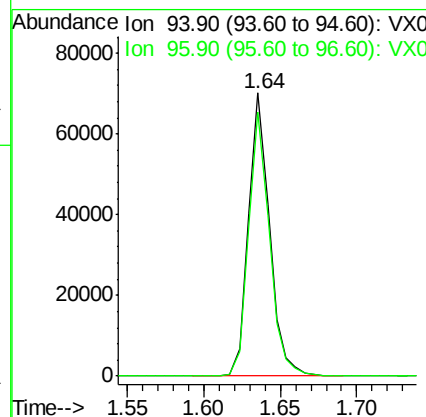
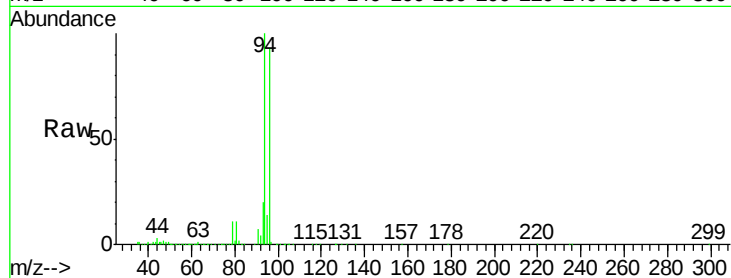
96 93.1 73.0 109.6

Manual Integrations

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#6

Chloroethane

Concen: 47.276 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX009208.D

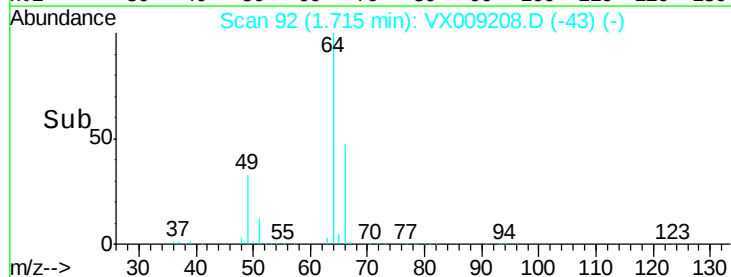
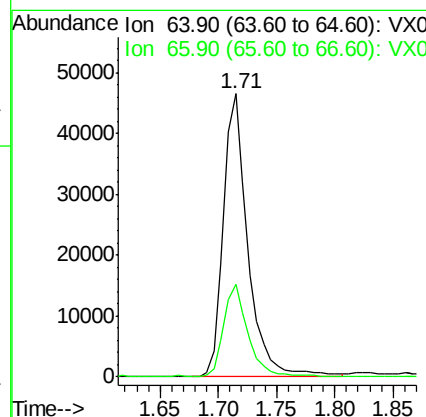
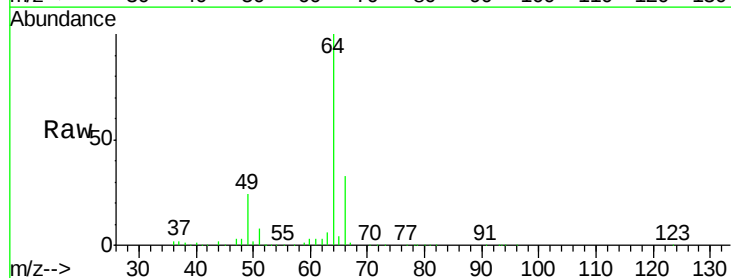
Acq: 29 Apr 2019 15:25

Tgt Ion: 64 Resp: 67008

Ion Ratio Lower Upper

64 100

66 32.8 25.3 37.9





#7

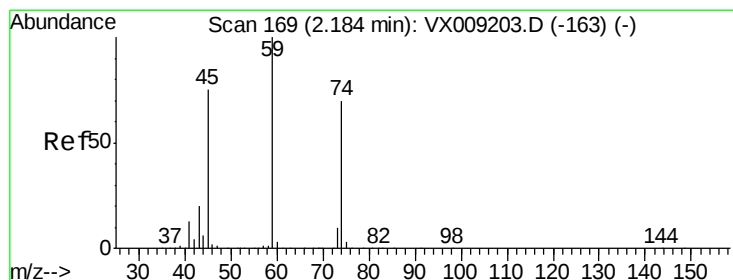
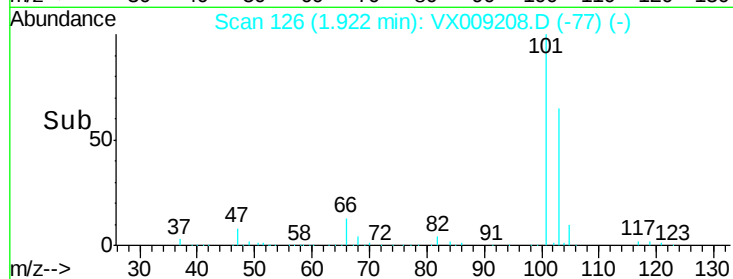
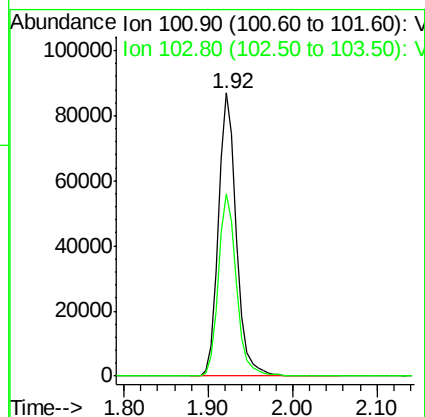
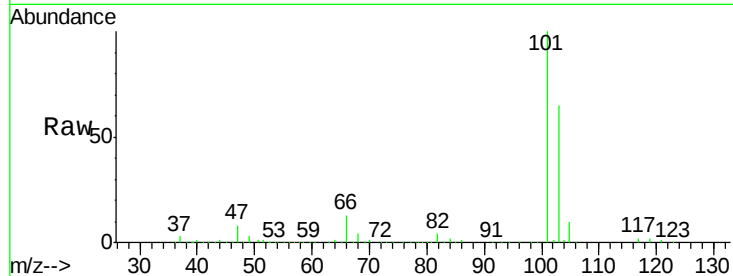
Trichlorofluoromethane
 Concen: 47.756 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX009208.D
 Acq: 29 Apr 2019 15:25

Instrument :
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 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	128153		
103	64.5	52.4	78.6	

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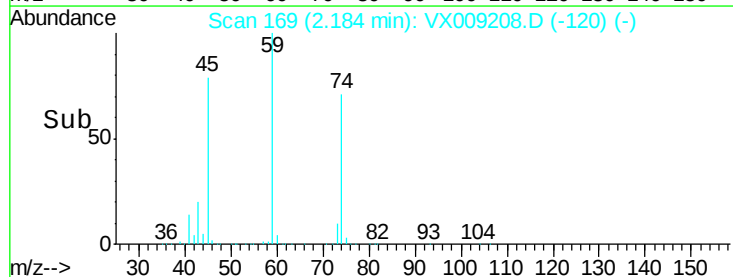
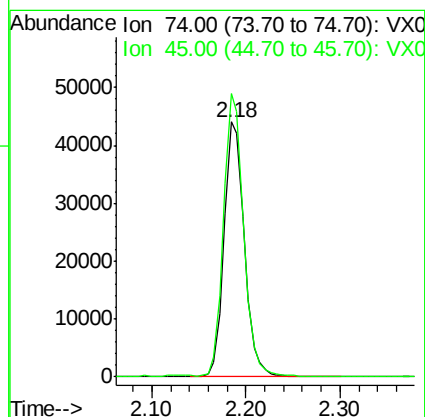
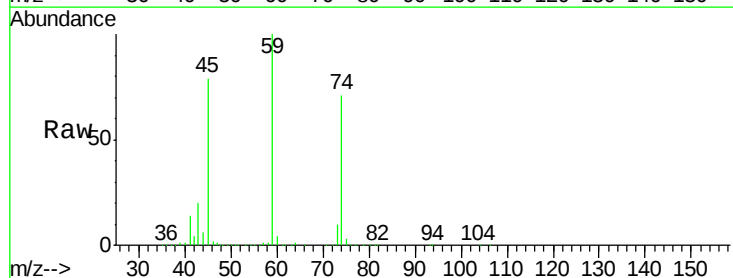
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#8

Diethyl Ether
 Concen: 51.879 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX009208.D
 Acq: 29 Apr 2019 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	65944		
45	108.9	53.3	159.9	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.225 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Instrument :

MSVOA_X

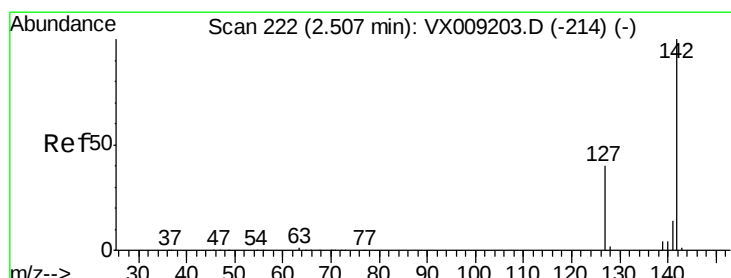
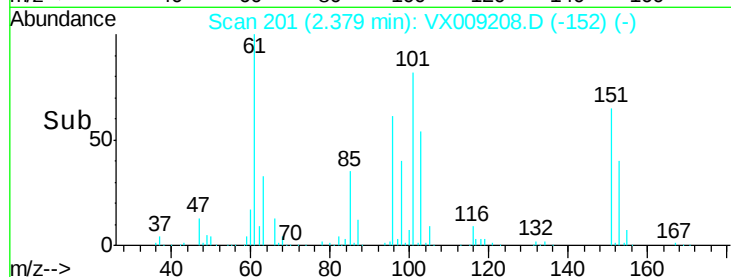
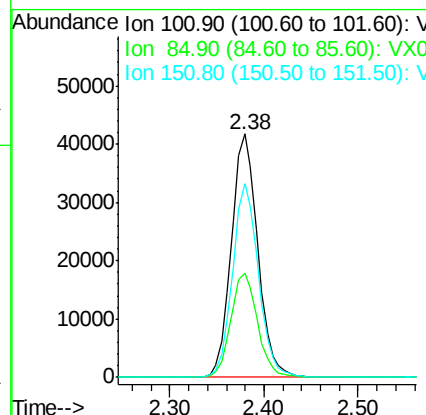
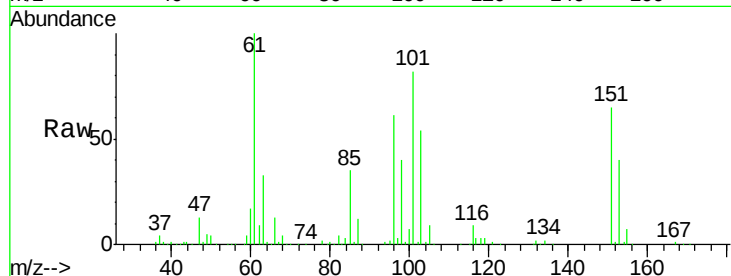
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	81266
Ion Ratio	Lower	Upper	
101	100		
85	43.5	35.7	53.5
151	78.2	62.2	93.2

Manual Integrations
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#10

Methyl Iodide

Concen: 42.263 ug/l

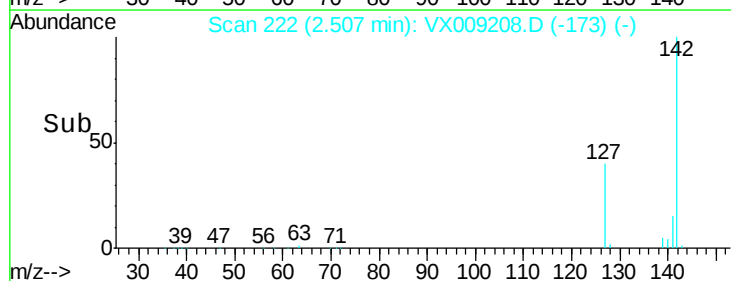
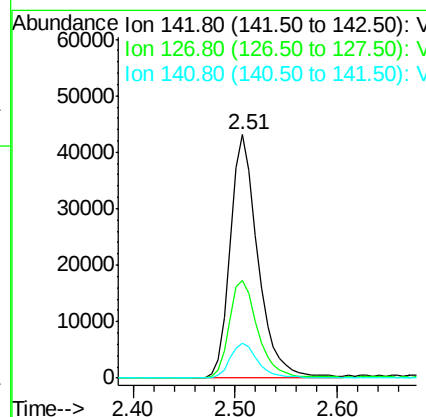
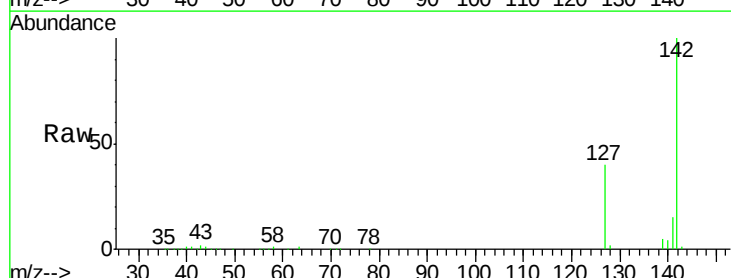
RT: 2.51 min Scan# 222

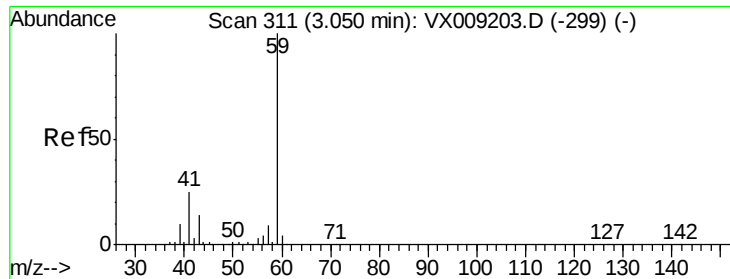
Delta R.T. 0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Tgt Ion:	142	Resp:	81215
Ion Ratio	Lower	Upper	
142	100		
127	41.5	32.7	49.1
141	14.4	11.5	17.3





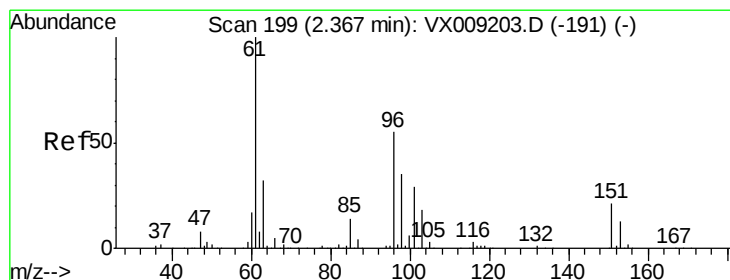
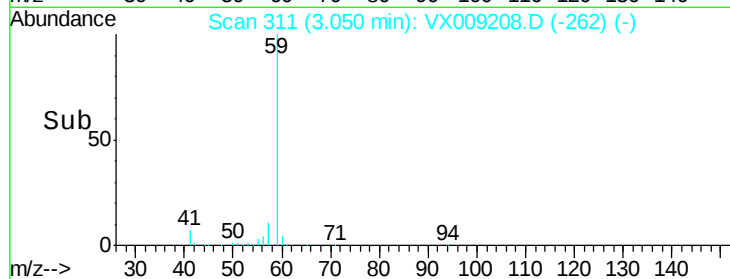
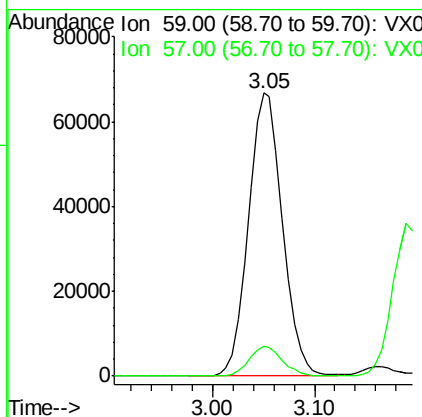
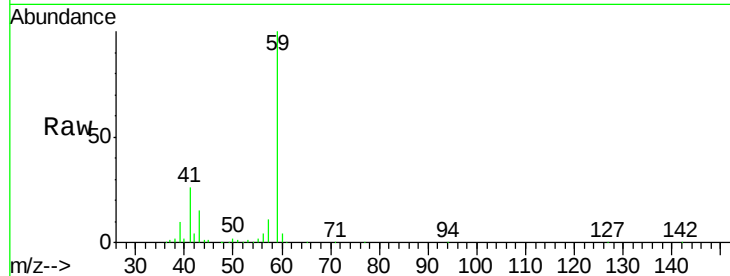
#11
Tert butyl alcohol
Concen: 272.100 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.2

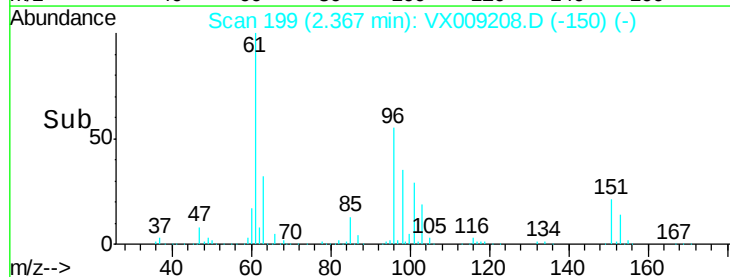
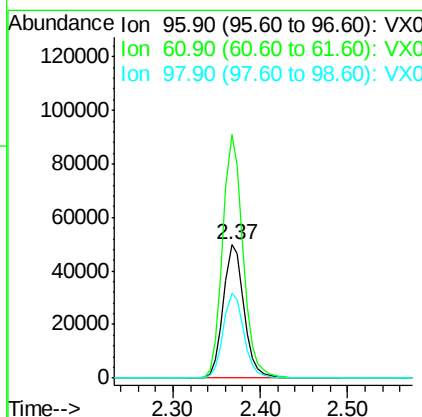
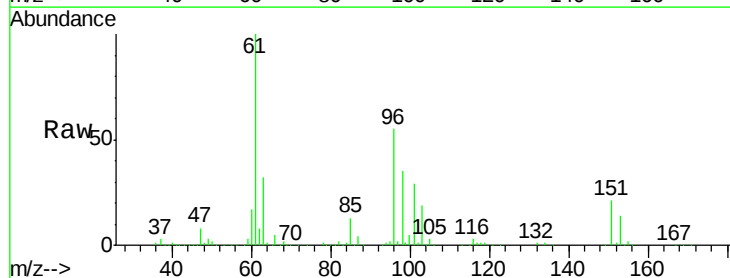
Manual Integrations
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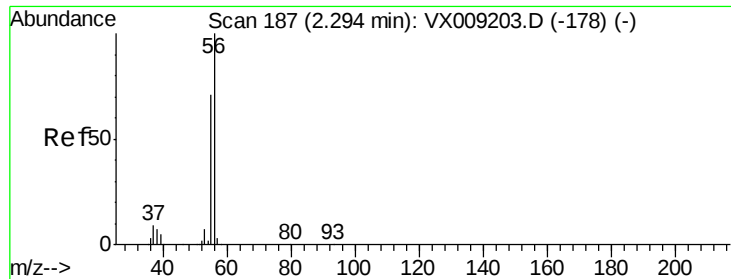
MMDadoda
4/30/2019 11:03:47 AM



#12
1,1-Dichloroethene
Concen: 48.409 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

Tgt Ion	Ratio	Lower	Upper
96	100		
61	182.6	144.3	216.5
98	63.7	50.3	75.5





#13

Acrolein

Concen: 252.415 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 129983

Ion Ratio Lower Upper

56 100

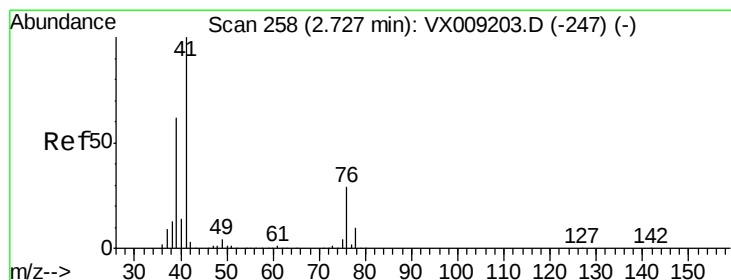
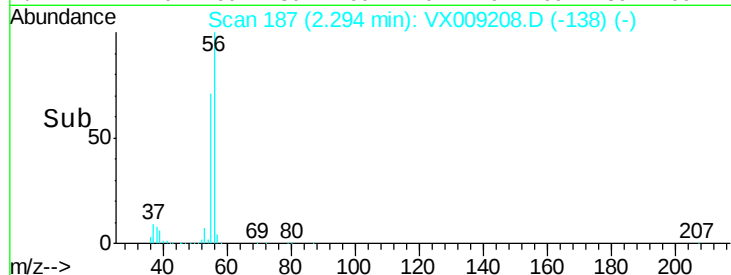
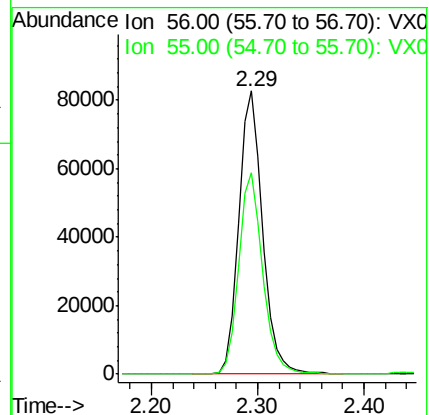
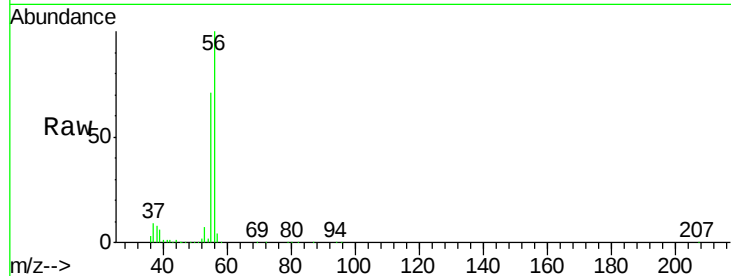
55 71.8 56.6 85.0

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#14

Allyl chloride

Concen: 48.501 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

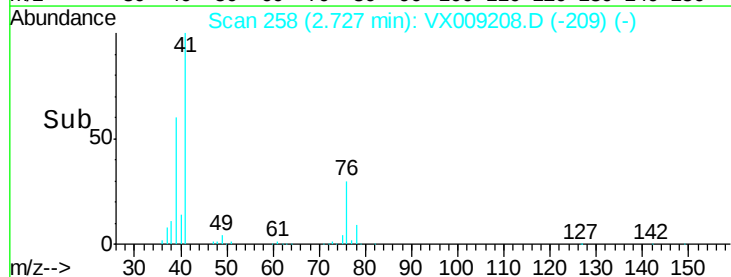
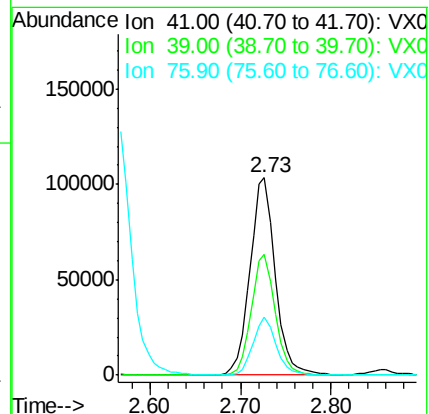
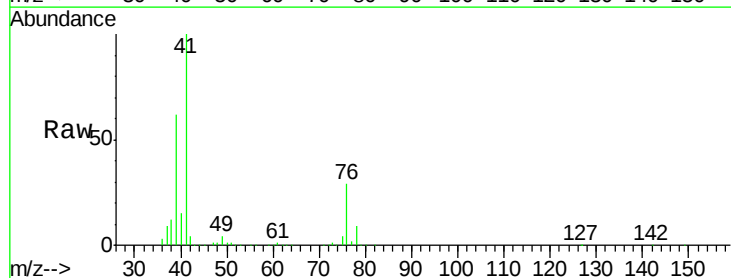
Tgt Ion: 41 Resp: 199568

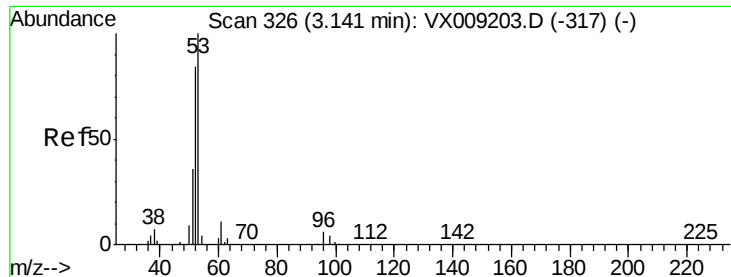
Ion Ratio Lower Upper

41 100

39 58.3 46.7 70.1

76 26.8 21.8 32.8





#15

Acrylonitrile

Concen: 264.833 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Instrument :

MSVOA_X

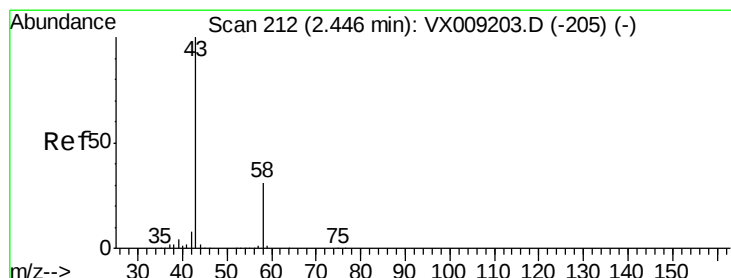
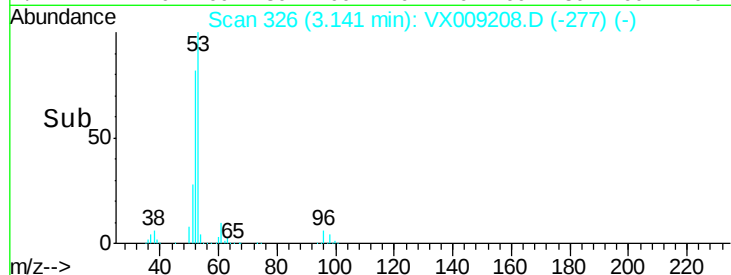
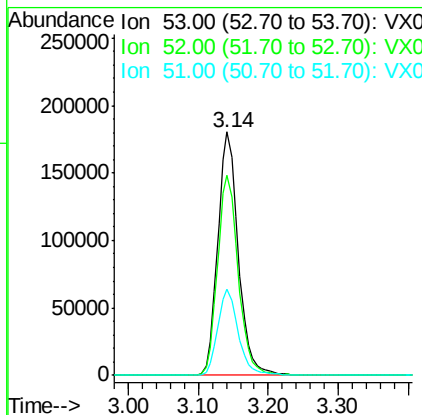
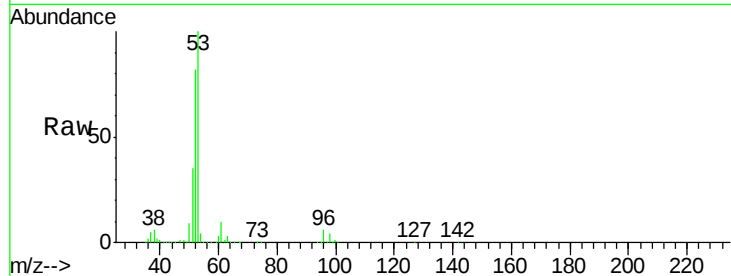
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	368200
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.9	100.3
51	35.3	28.2	42.2

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#16

Acetone

Concen: 250.519 ug/l

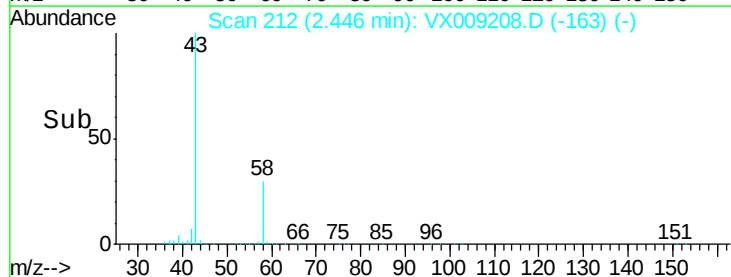
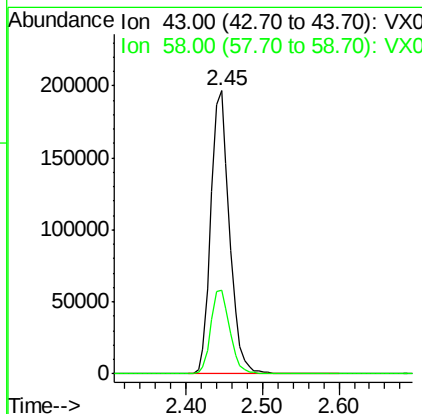
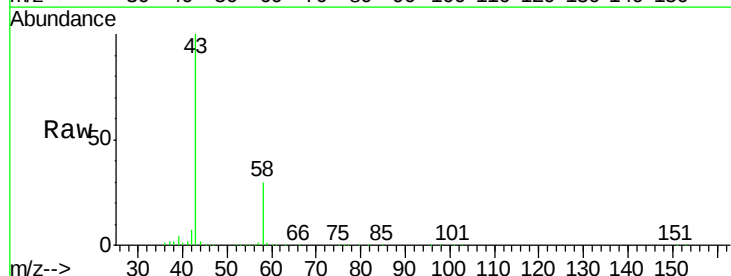
RT: 2.45 min Scan# 212

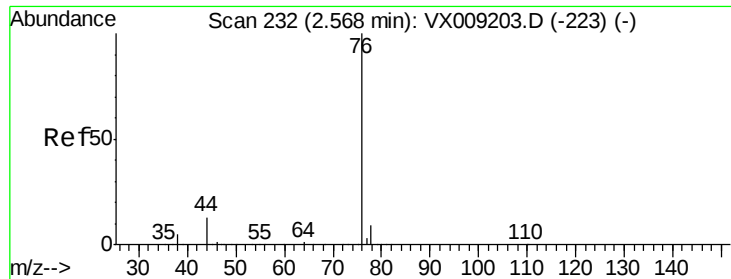
Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Tgt Ion:	43	Resp:	330444
Ion	Ratio	Lower	Upper
43	100		
58	29.7	24.9	37.3





#17

Carbon Disulfide

Concen: 48.642 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 230581

Ion Ratio Lower Upper

76 100

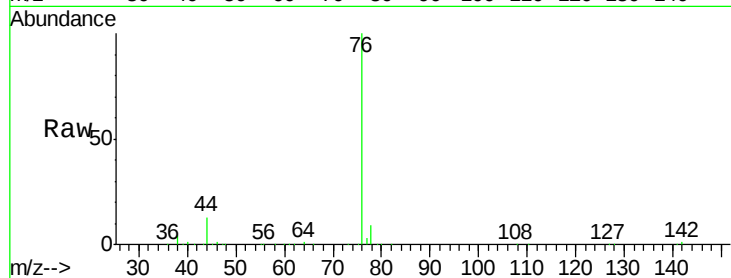
78 8.9 7.4 11.0

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

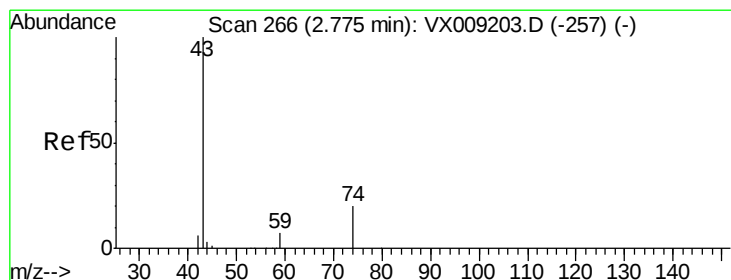
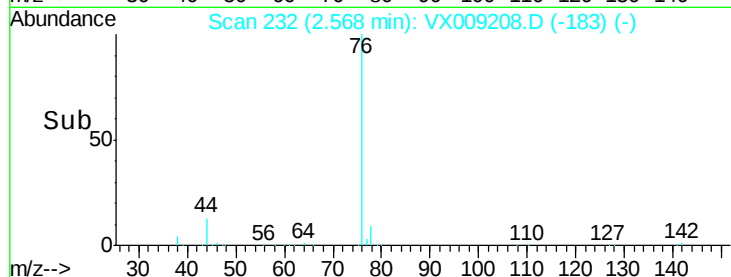
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 51.994 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX009208.D

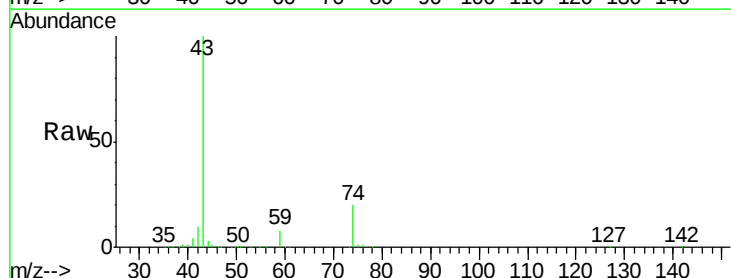
Acq: 29 Apr 2019 15:25

Tgt Ion: 43 Resp: 163103

Ion Ratio Lower Upper

43 100

74 20.1 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.77

100000

80000

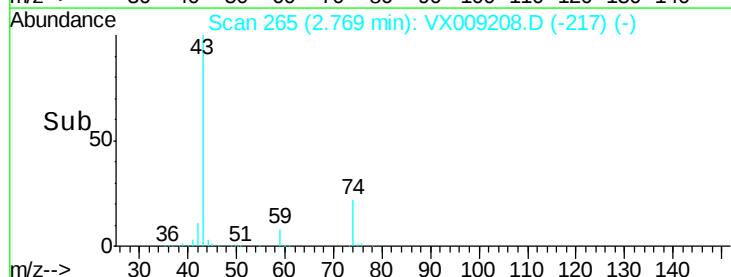
60000

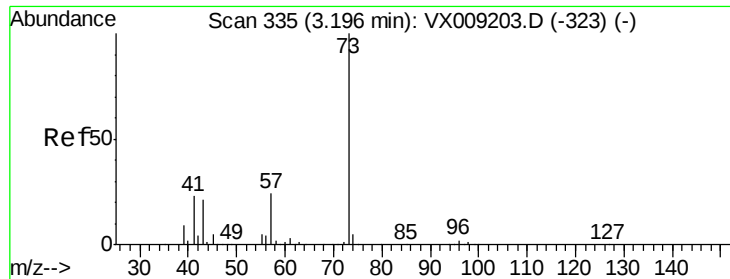
40000

20000

0

Time-->





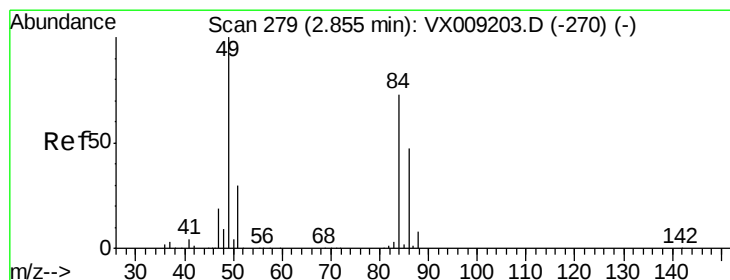
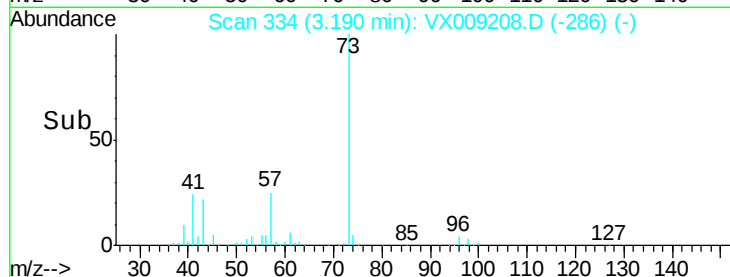
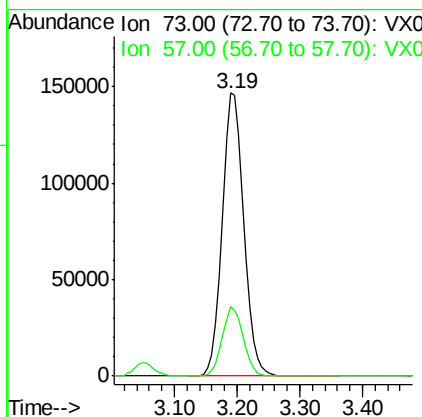
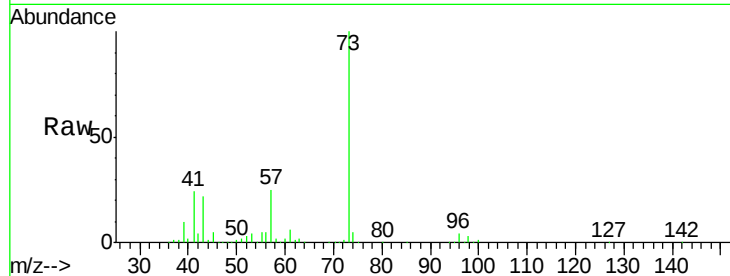
#19
Methvl tert-butvl Ether
Concen: 53.260 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.6	19.3	28.9

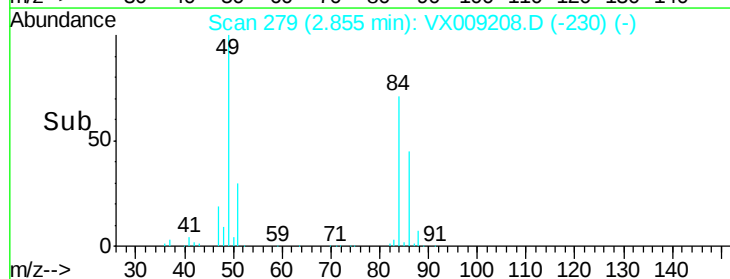
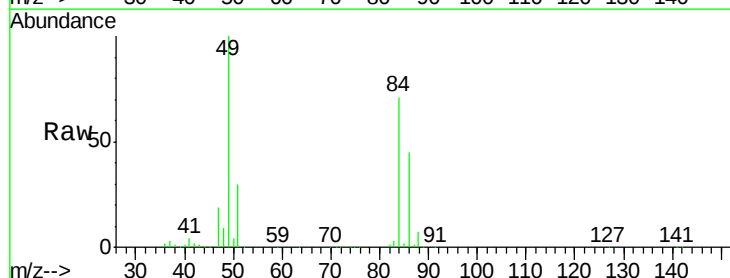
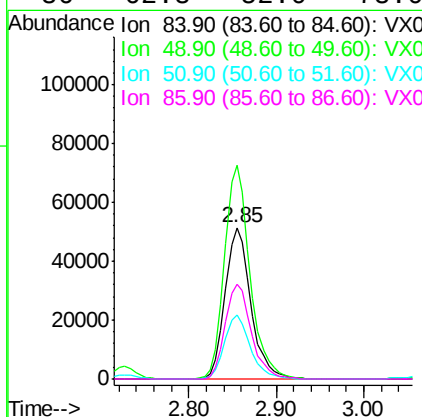
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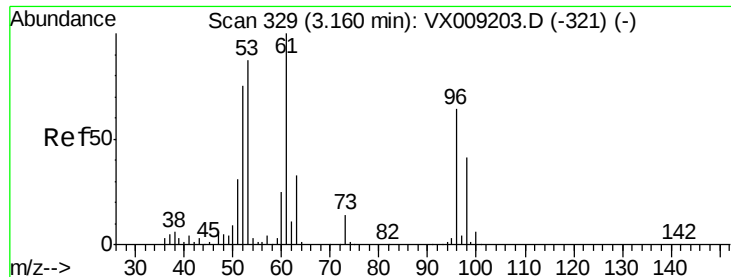
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#20
Methylene Chloride
Concen: 49.143 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

Tgt Ion	Ratio	Lower	Upper
84	100		
49	140.8	109.9	164.9
51	41.9	32.7	49.1
86	62.8	52.0	78.0





#21

trans-1,2-Dichloroethene

Concen: 48.742 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Instrument :

MSVOA_X

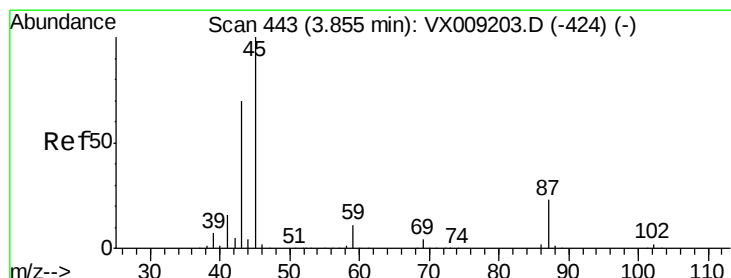
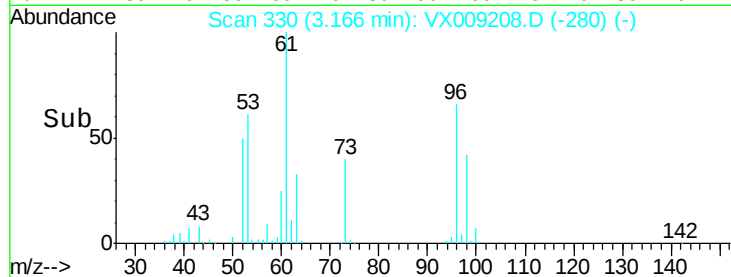
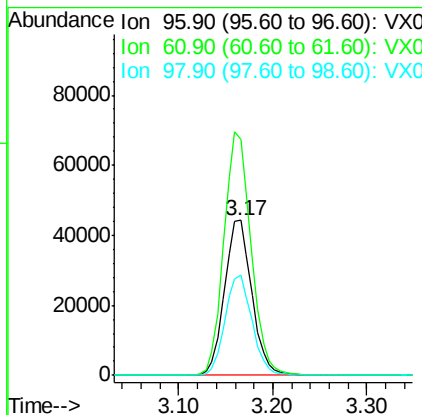
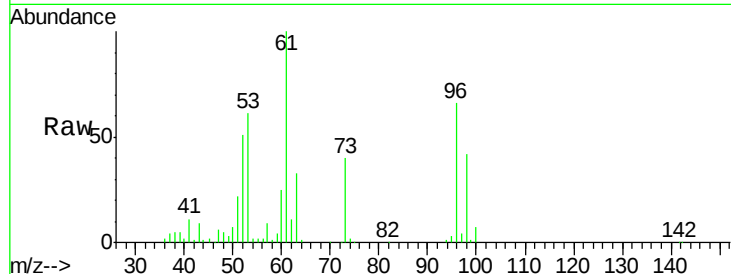
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	89252
Ion	Ratio	Lower	Upper
96	100		
61	152.4	124.5	186.7
98	64.6	50.4	75.6

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#22

Diisopropyl ether

Concen: 51.650 ug/l

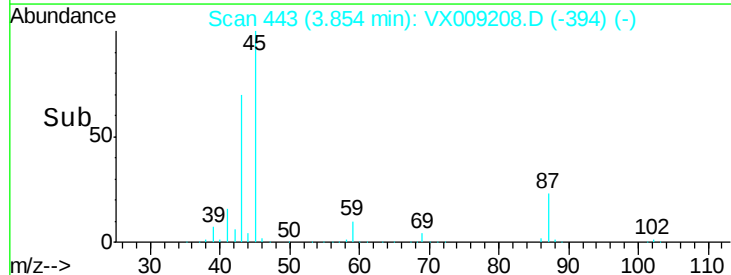
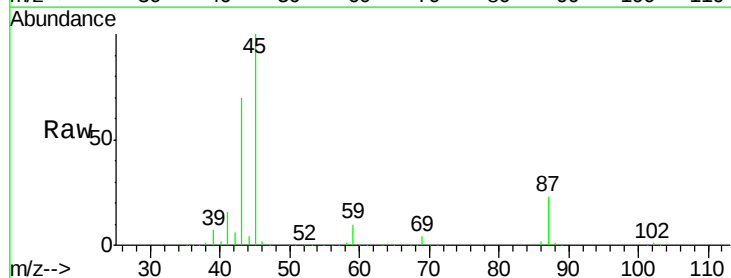
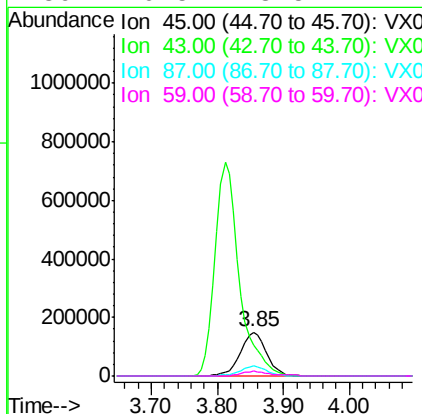
RT: 3.85 min Scan# 443

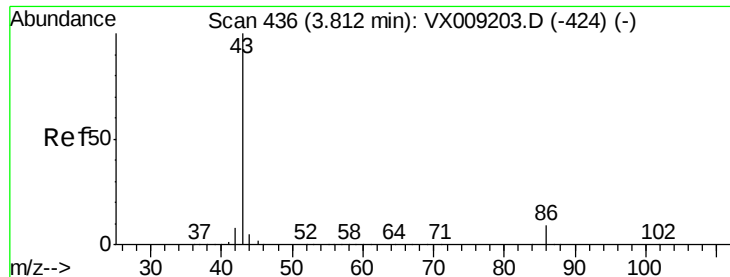
Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Tgt Ion:	45	Resp:	408707
Ion	Ratio	Lower	Upper
45	100		
43	69.8	56.1	84.1
87	23.3	18.1	27.1
59	10.5	8.5	12.7





#23

Vinyl Acetate

Concen: 275.648 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1867796

Ion Ratio Lower Upper

43 100

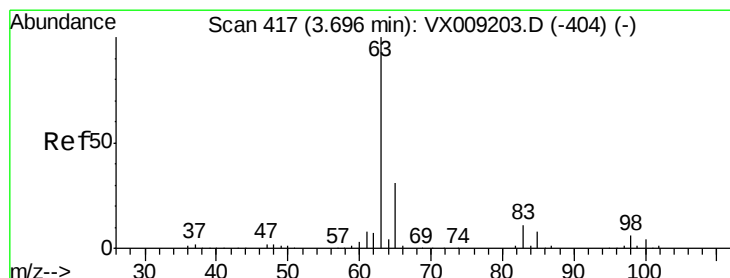
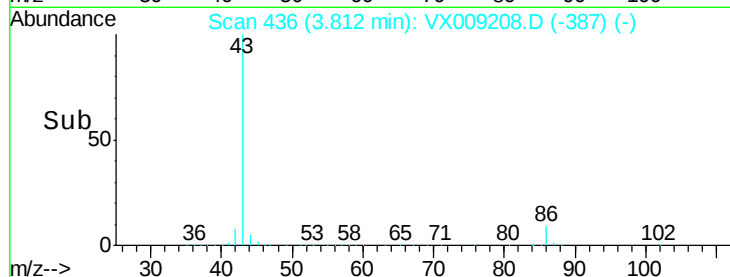
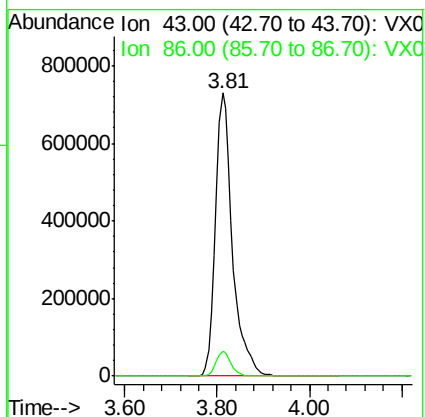
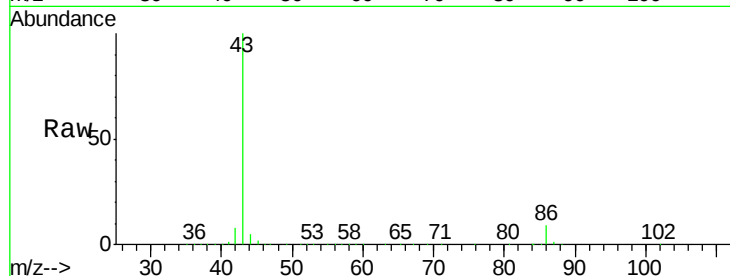
86 8.7 6.9 10.3

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#24

1,1-Dichloroethane

Concen: 49.065 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

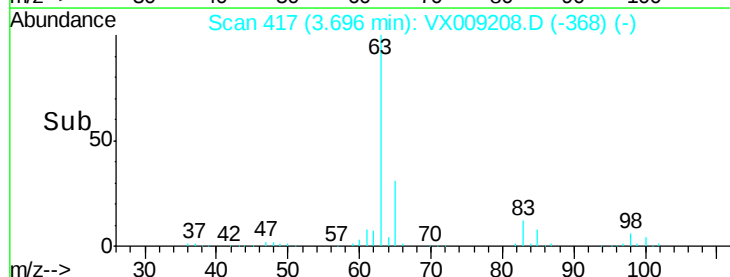
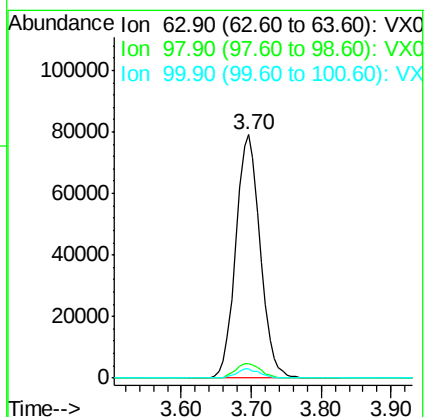
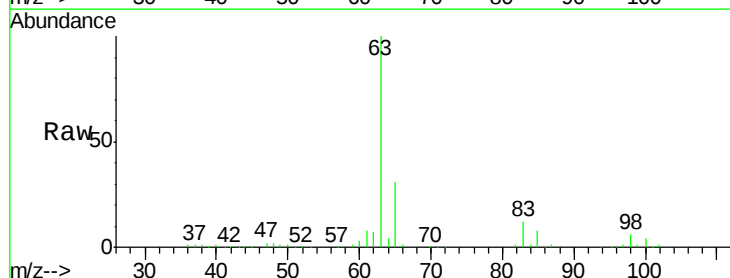
Tgt Ion: 63 Resp: 191530

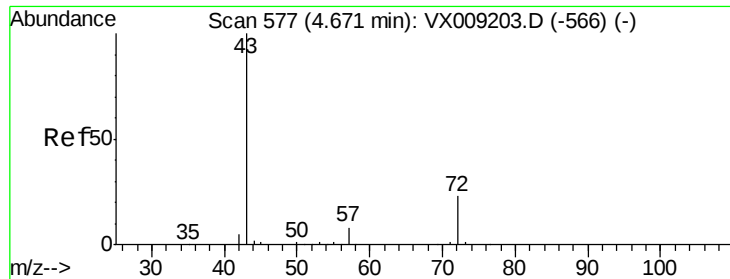
Ion Ratio Lower Upper

63 100

98 6.0 3.0 9.2

100 3.6 2.0 6.0





#25

2-Butanone

Concen: 269.306 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 552009

Ion Ratio Lower Upper

43 100

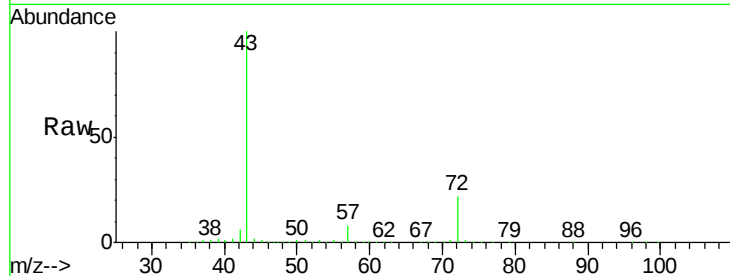
72 22.3 18.2 27.2

Manual Integrations

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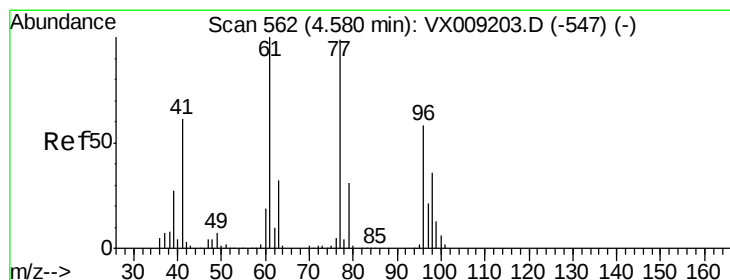
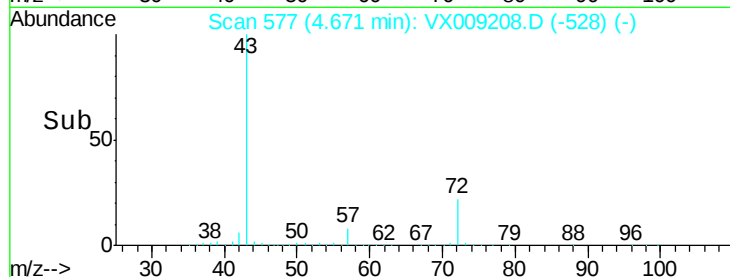
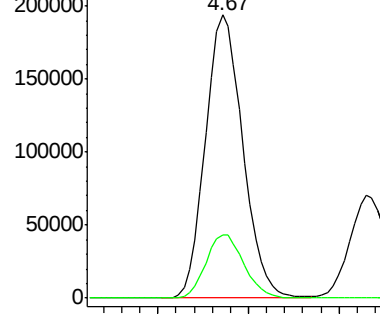
MMDadoda

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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: 48.062 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX009208.D

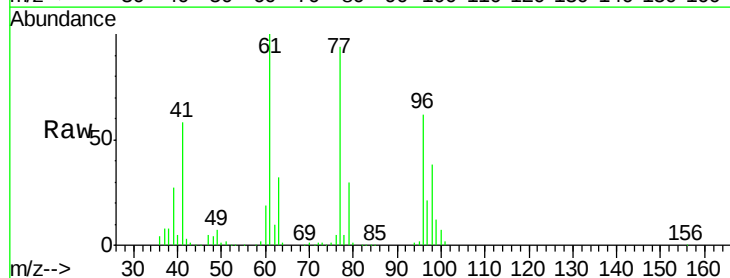
Acq: 29 Apr 2019 15:25

Tgt Ion: 77 Resp: 139650

Ion Ratio Lower Upper

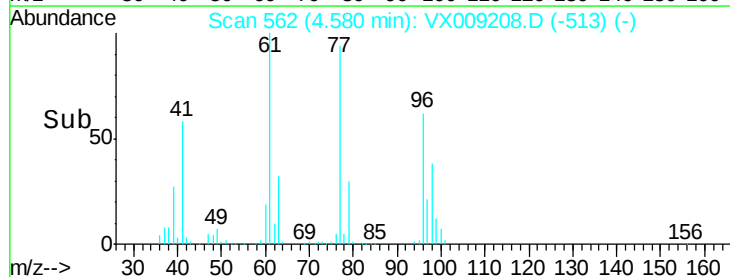
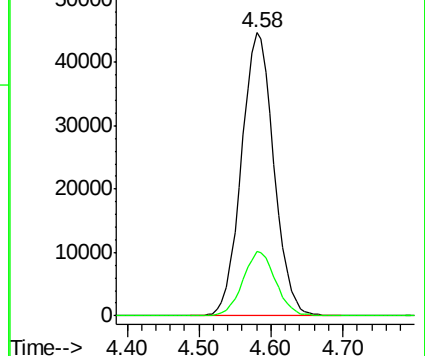
77 100

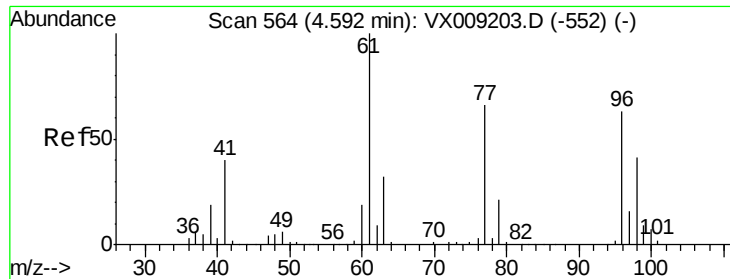
97 23.0 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

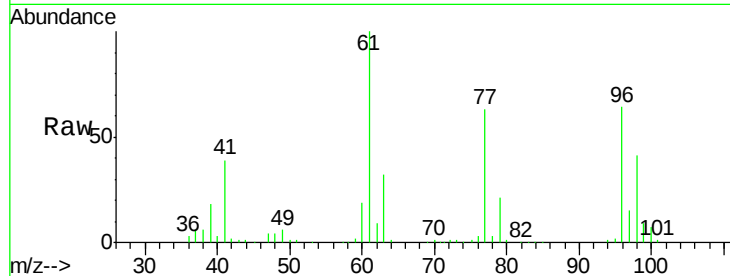
cis-1,2-Dichloroethene
Concen: 50.344 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	110034		
61	158.0	0.0	324.0	
98	63.7	0.0	130.4	

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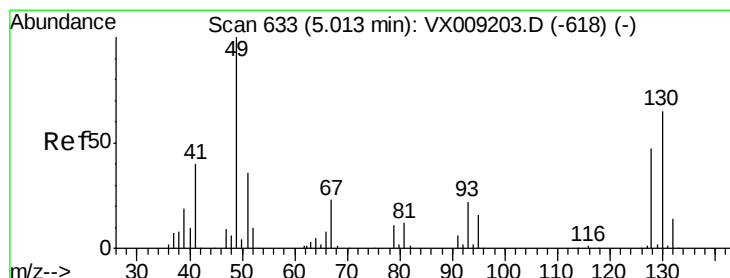
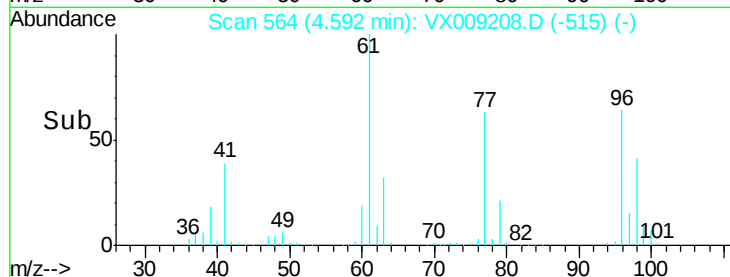
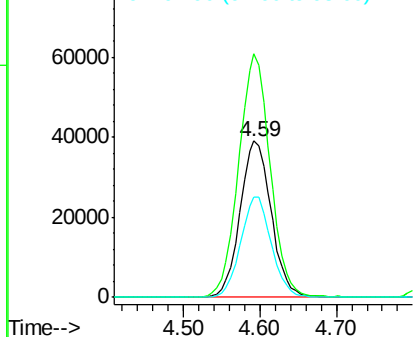


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

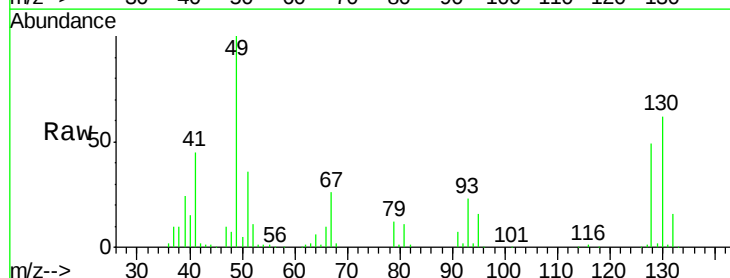
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 55.380 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	86560		
129	1.4	0.0	3.8	
130	63.2	51.2	76.8	

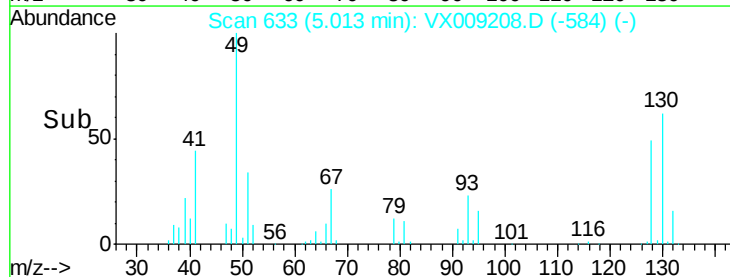
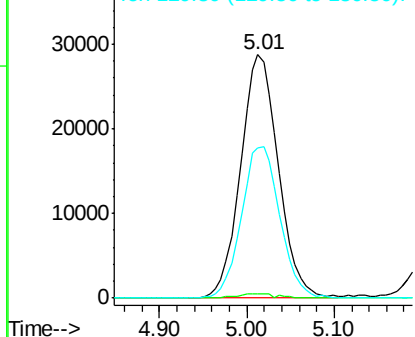


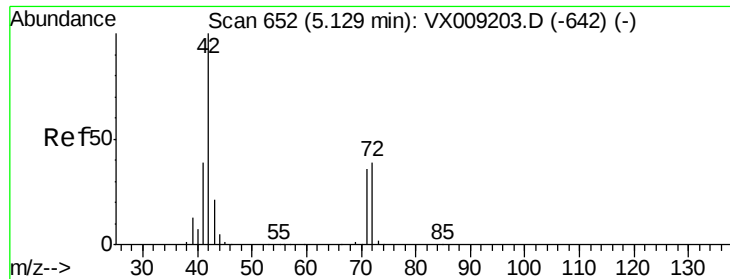
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





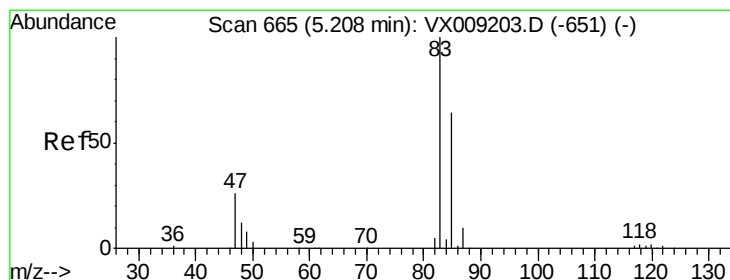
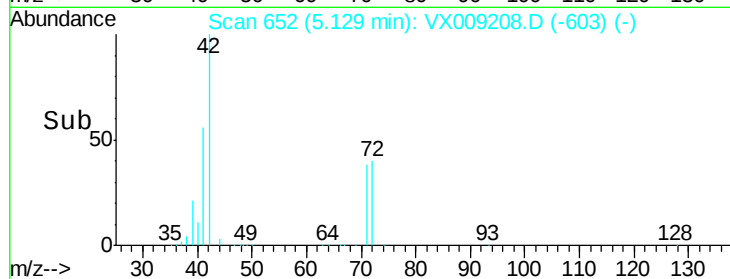
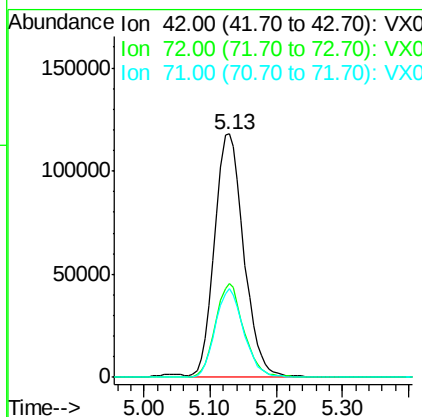
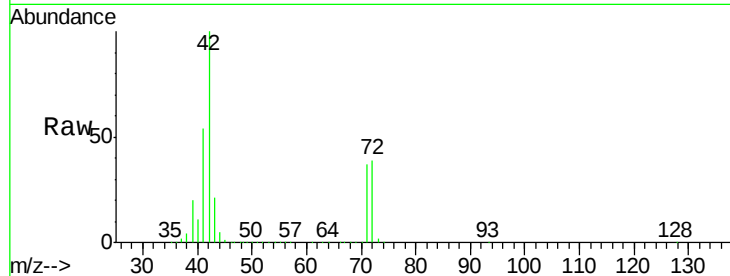
#29
Tetrahydrofuran
Concen: 273.764 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.7	30.4	45.6
71	35.4	28.6	43.0

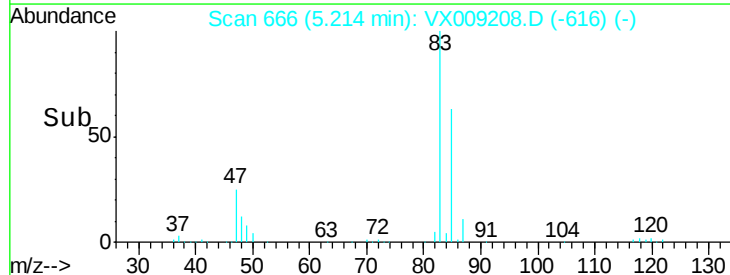
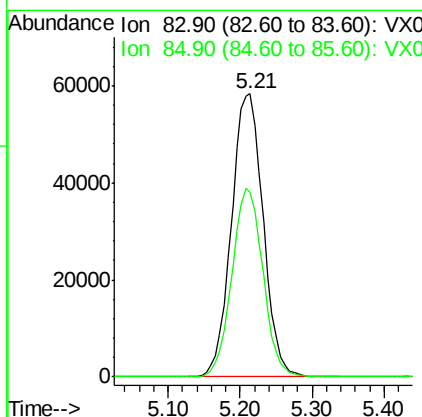
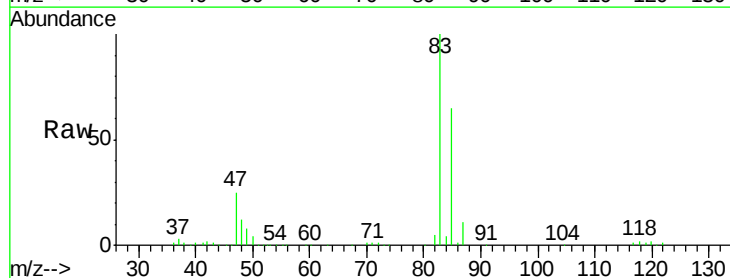
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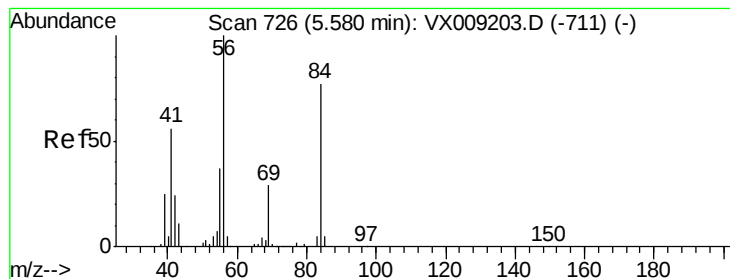
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#30
Chloroform
Concen: 50.557 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.5	77.3





#31

Cyclohexane

Concen: 48.798 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Instrument :

MSVOA_X

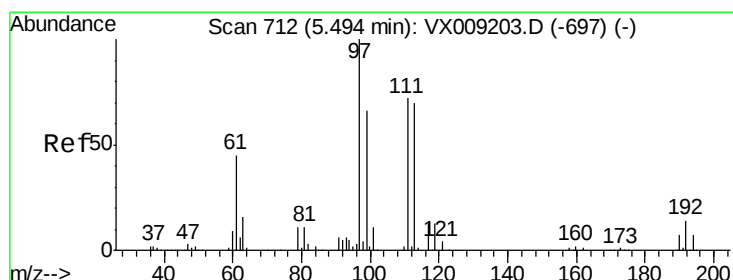
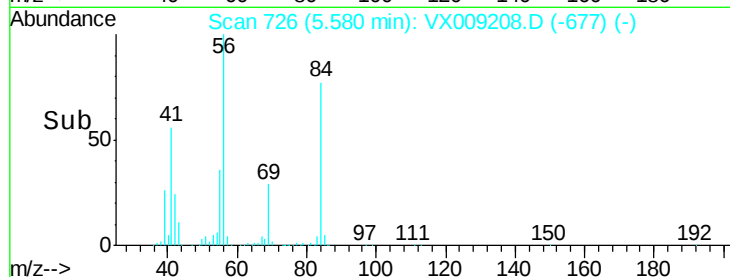
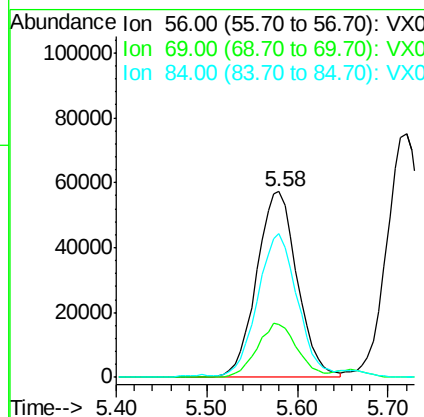
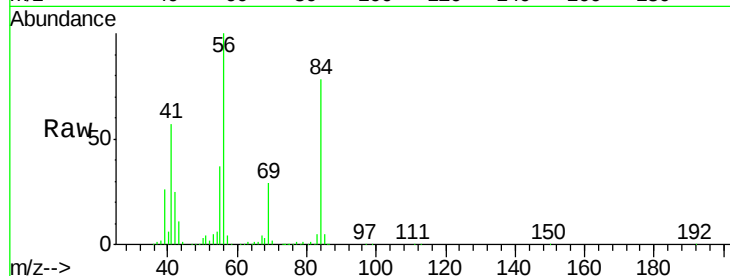
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	177222
Ion	Ratio	Lower	Upper
56	100		
69	28.6	23.4	35.0
84	76.4	61.9	92.9

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#32

1,1,1-Trichloroethane

Concen: 48.170 ug/l

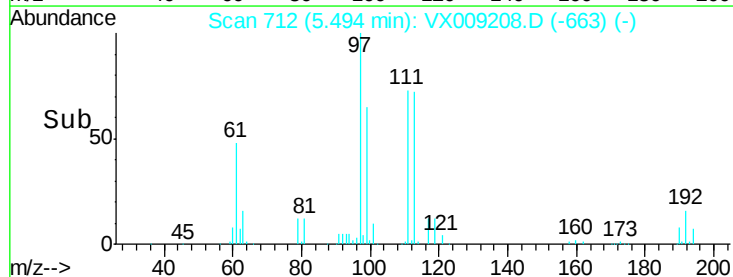
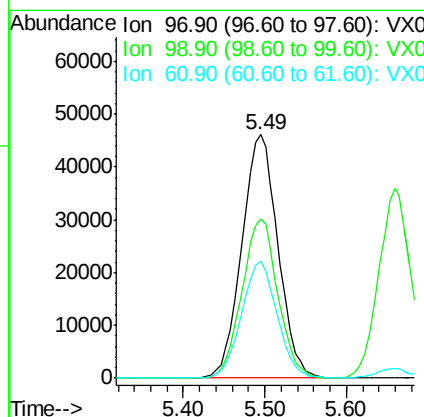
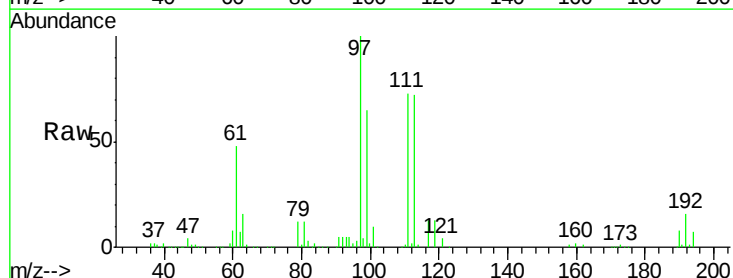
RT: 5.49 min Scan# 712

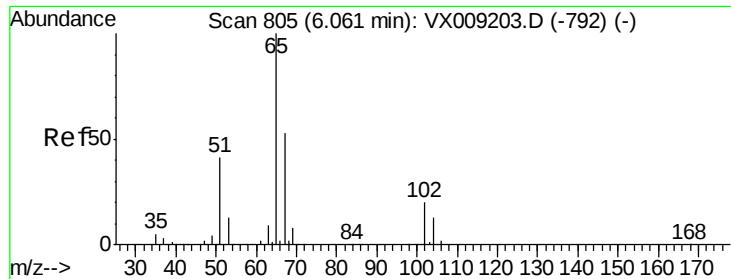
Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Tgt Ion:	97	Resp:	141574
Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.8	77.8
61	47.5	37.8	56.8





#33

1,2-Dichloroethane-d4

Concen: 53.543 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Tot Ion: 65 Resp: 131528

Ion Ratio Lower Upper

65 100

67 53.6 0.0 106.6

Instrument :

MSVOA_X

ClientSampleId :

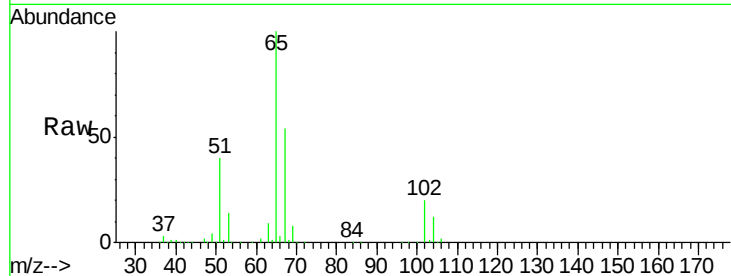
VSTDCCC050

Manual Integrations

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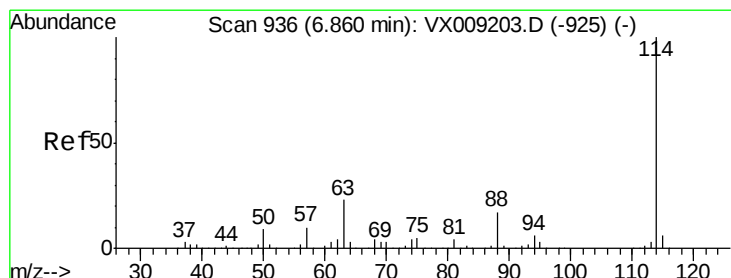
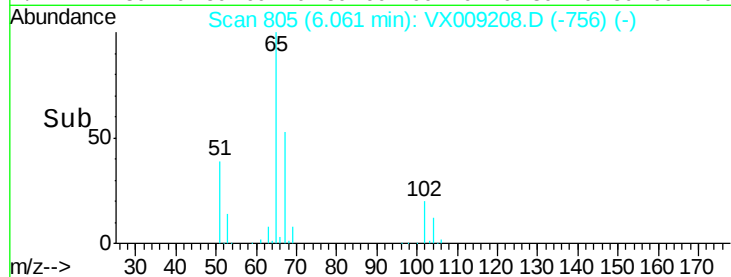
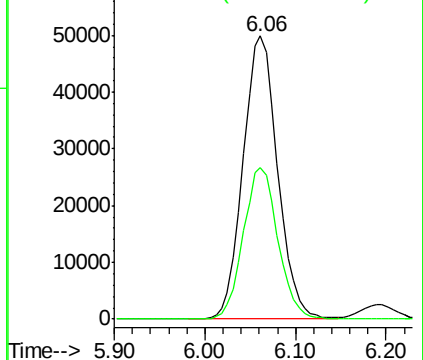
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Abundance Ion 64.90 (64.60 to 65.60): VX0

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: VX009208.D

Acq: 29 Apr 2019 15:25

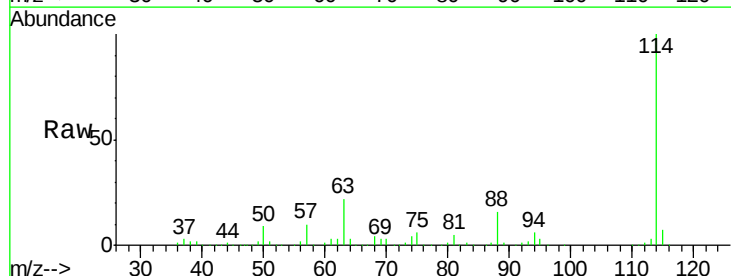
Tgt Ion: 114 Resp: 295781

Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.6

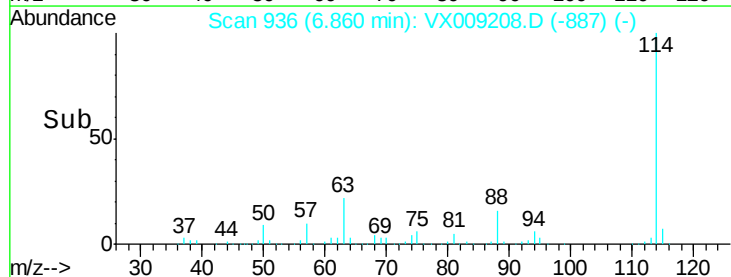
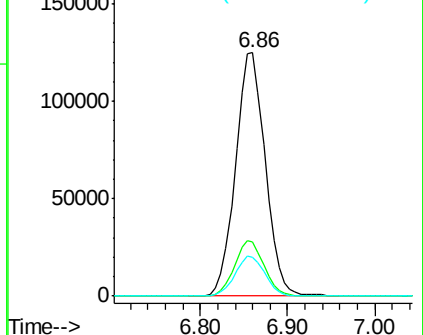
88 15.9 0.0 33.2



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





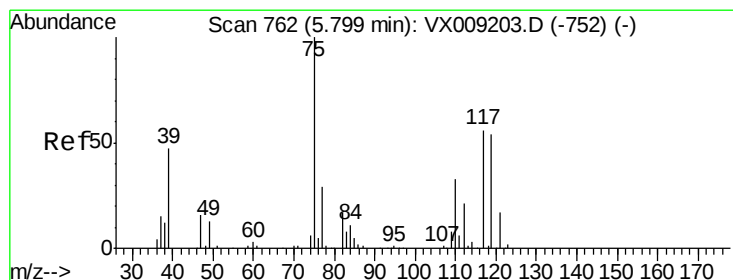
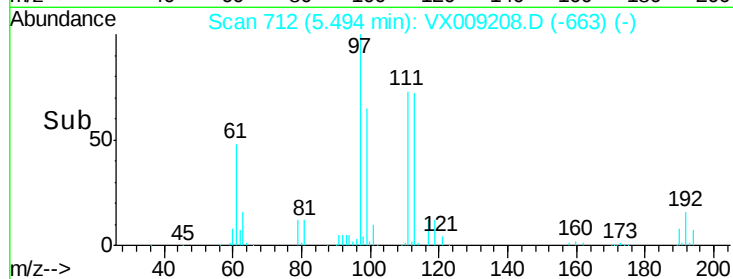
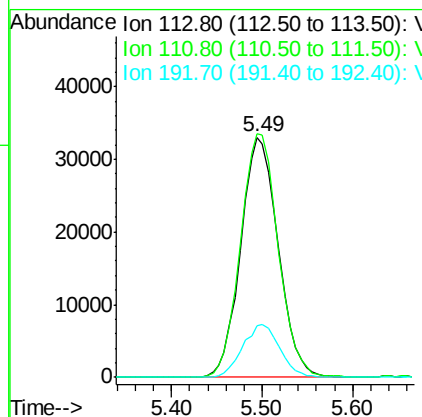
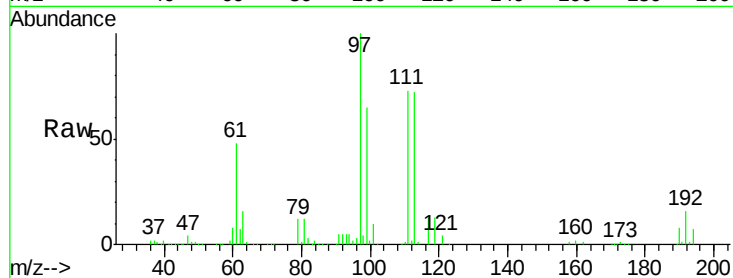
#35
 Dibromofluoromethane
 Concen: 50.709 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX009208.D
 Acq: 29 Apr 2019 15:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.8	124.2
192	21.9	17.0	25.6

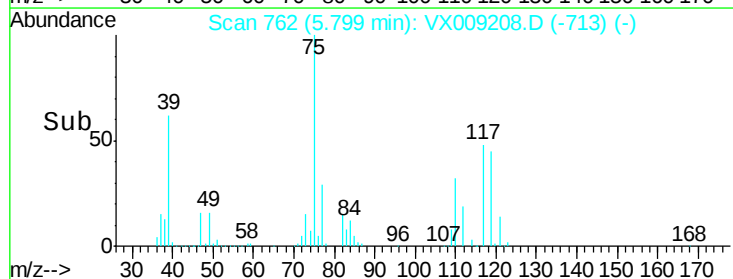
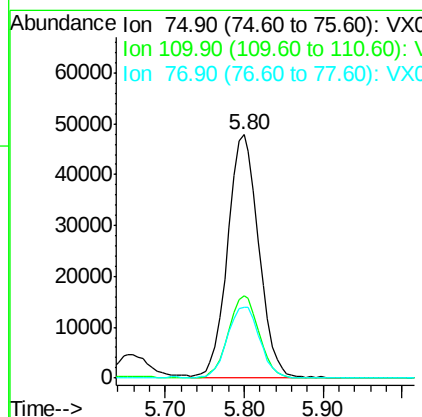
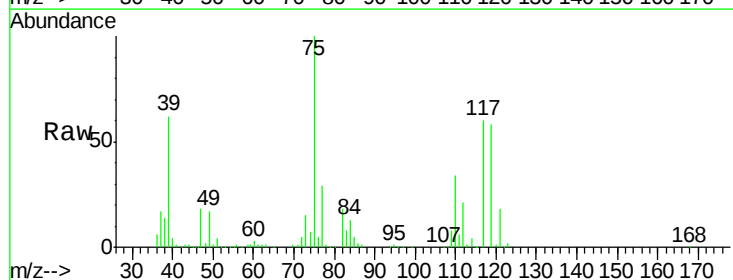
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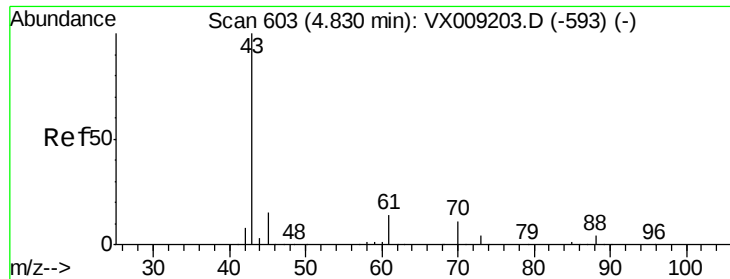
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#36
 1,1-Dichloropropene
 Concen: 47.695 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX009208.D
 Acq: 29 Apr 2019 15:25

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.8	16.9	50.6
77	30.2	24.8	37.2





#37

Ethyl Acetate

Concen: 53.692 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Instrument :

MSVOA_X

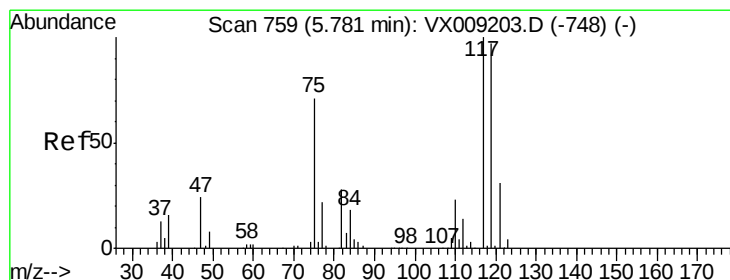
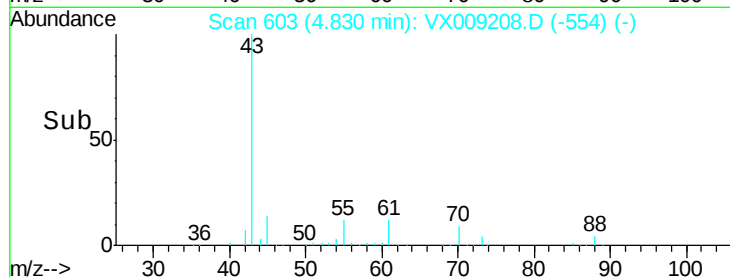
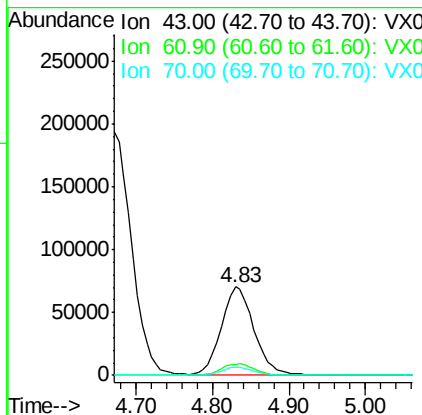
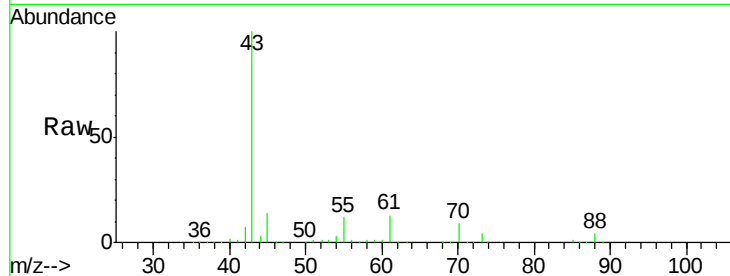
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	205631
Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.5	15.7
70	9.6	7.9	11.9

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#38

Carbon Tetrachloride

Concen: 47.190 ug/l

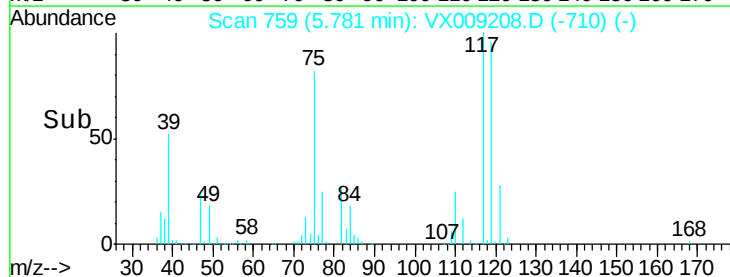
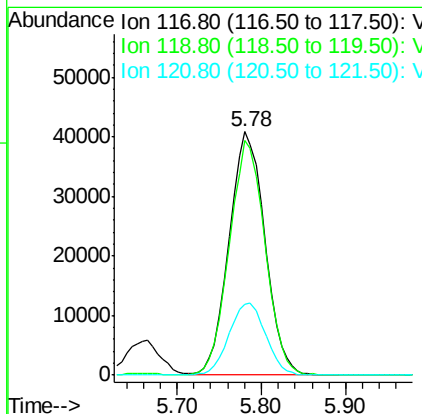
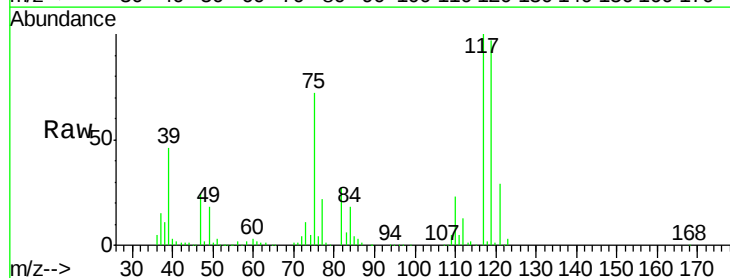
RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Tgt Ion:	117	Resp:	117852
Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.5	116.3
121	29.1	24.7	37.1





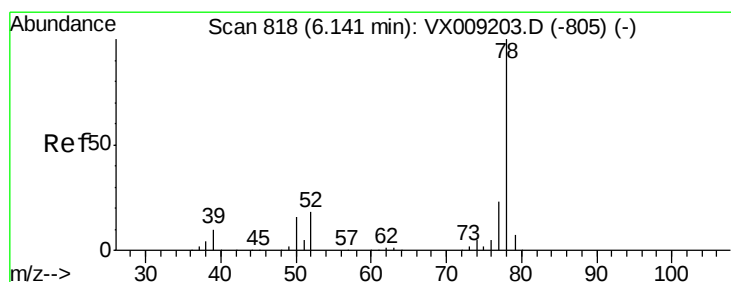
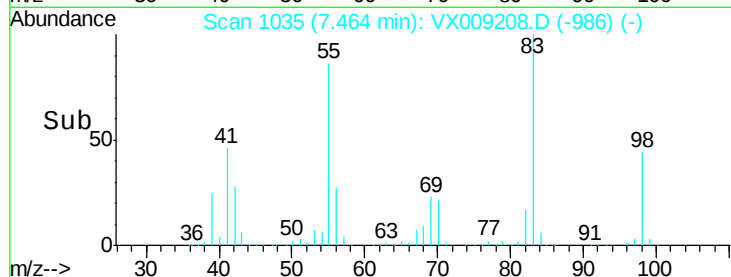
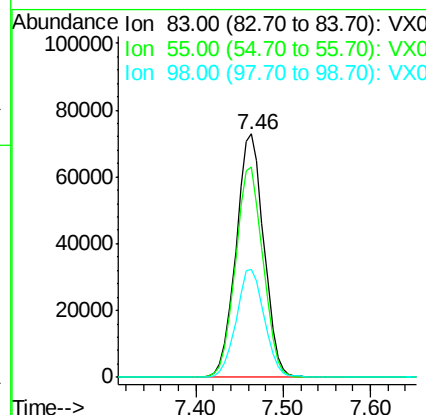
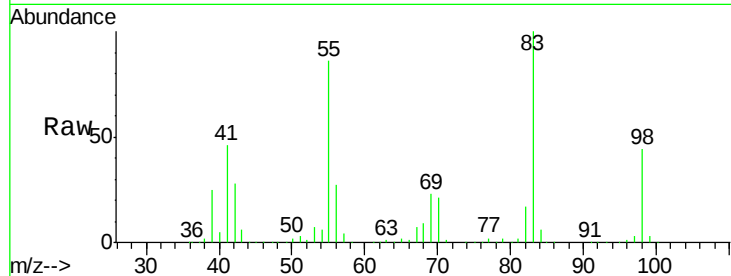
#39
Methvlcvclohexane
Concen: 47.760 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	86.3	67.7	101.5
98	44.4	35.5	53.3

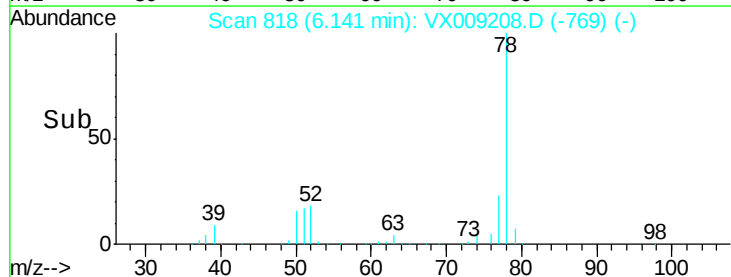
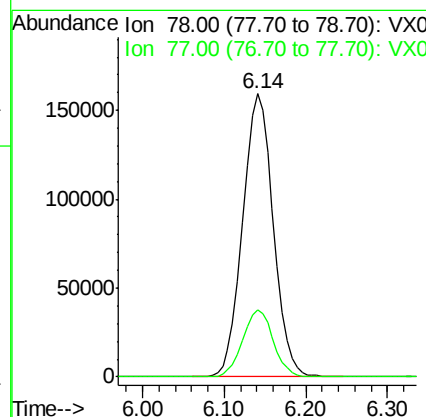
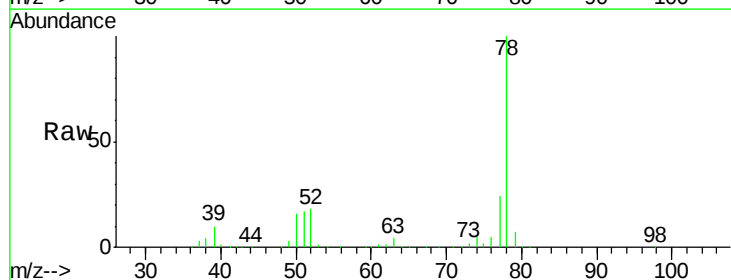
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#40
Benzene
Concen: 48.729 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.8	28.2





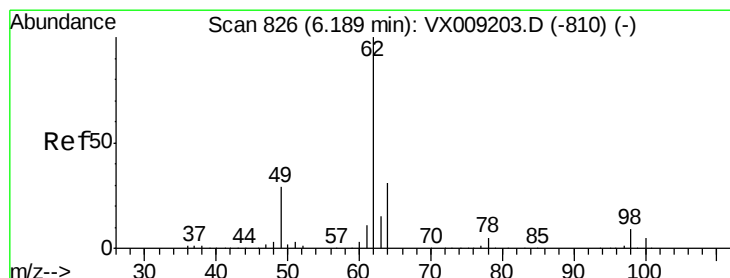
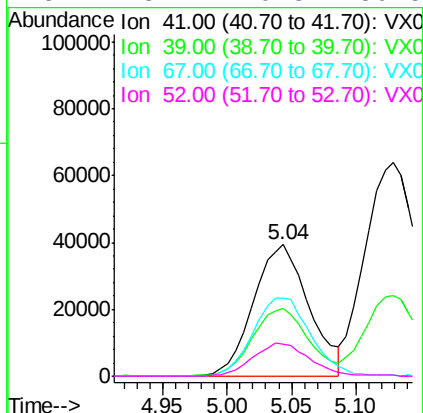
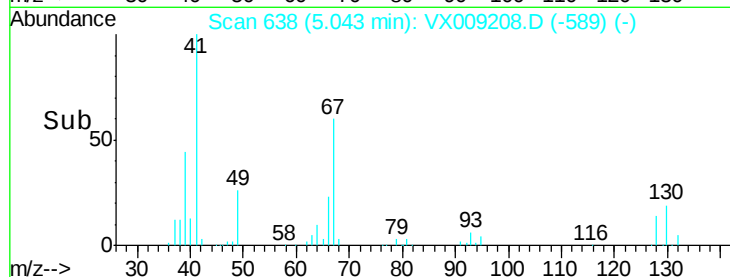
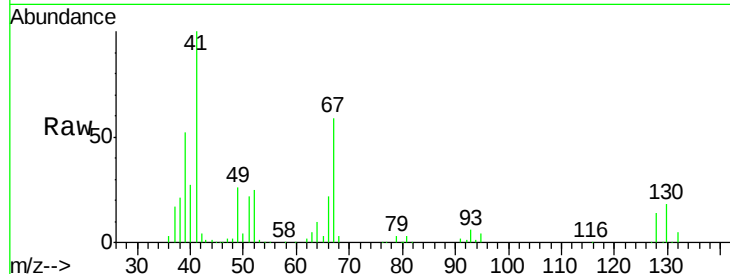
#41
Methacrylonitrile
Concen: 51.386 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.3	42.0	63.0	
67	62.3	49.8	74.8	
52	25.7	20.3	30.5	

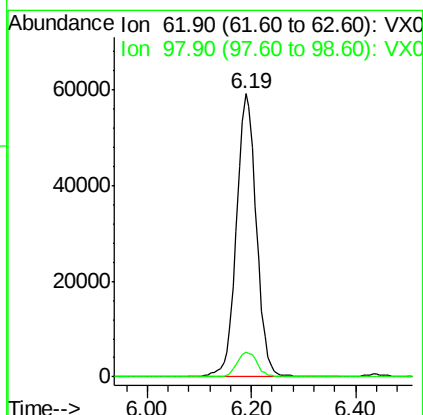
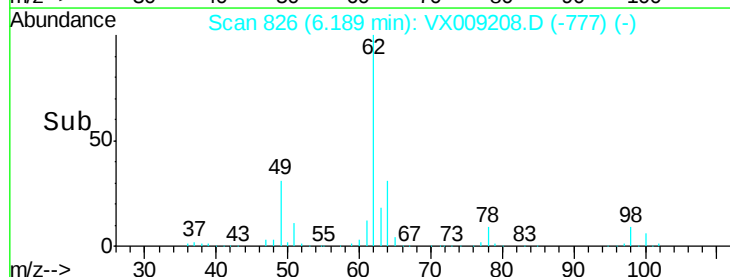
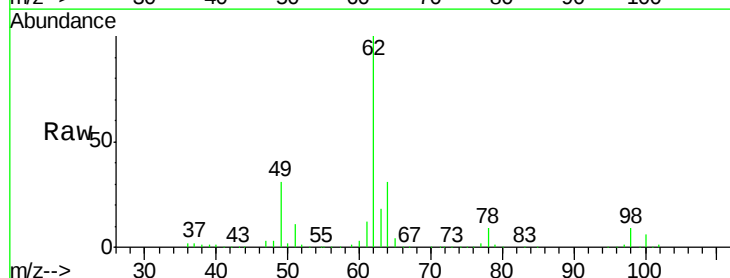
Manual Integrations
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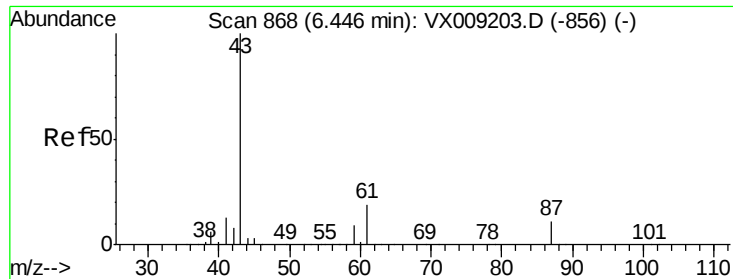
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#42
1,2-Dichloroethane
Concen: 51.403 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.9	0.0	18.2	





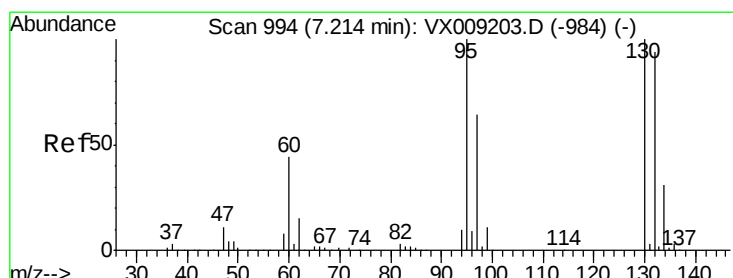
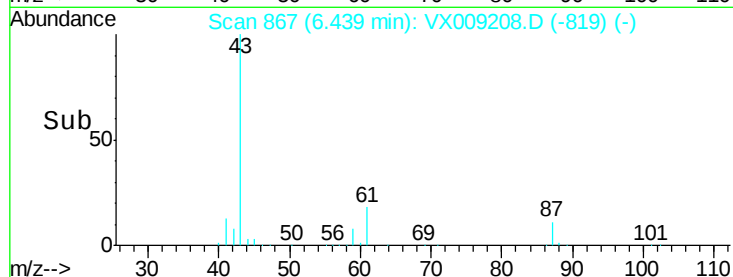
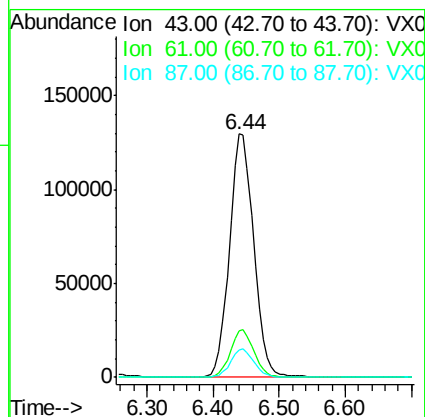
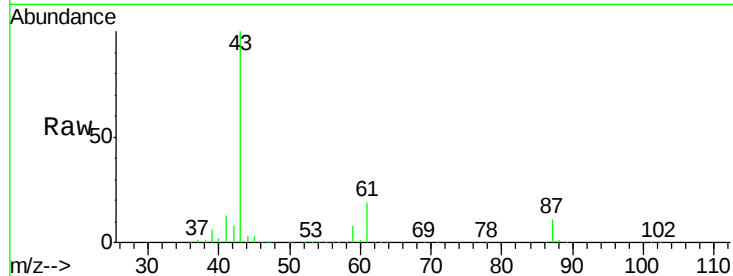
#43
Isopropyl Acetate
Concen: 53.578 ug/l
RT: 6.44 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	328219
Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.1	22.7
87	11.4	9.0	13.6

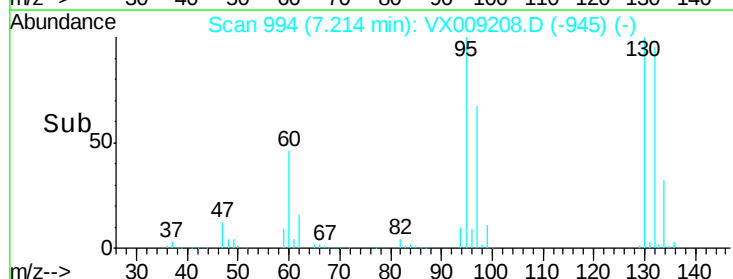
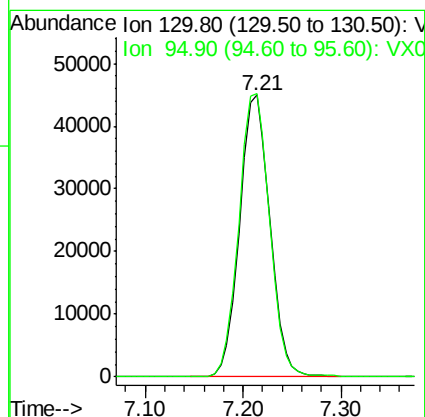
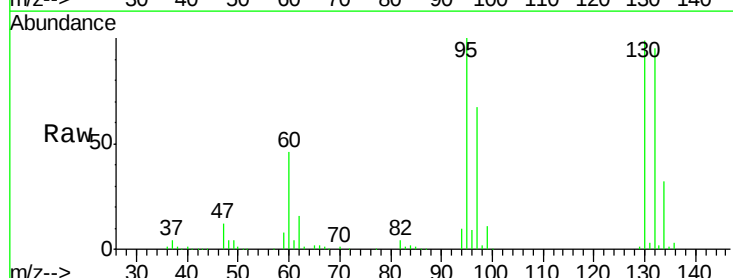
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#44
Trichloroethene
Concen: 47.028 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

Tgt Ion:	130	Resp:	96716
Ion	Ratio	Lower	Upper
130	100		
95	100.5	0.0	199.2





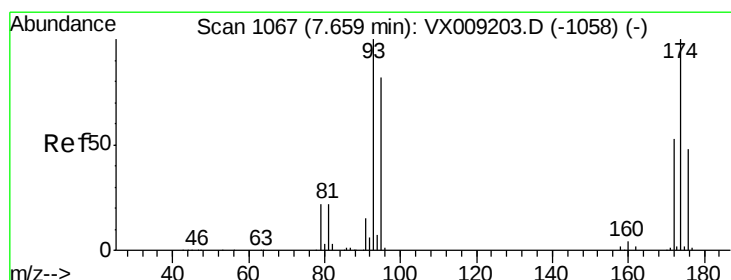
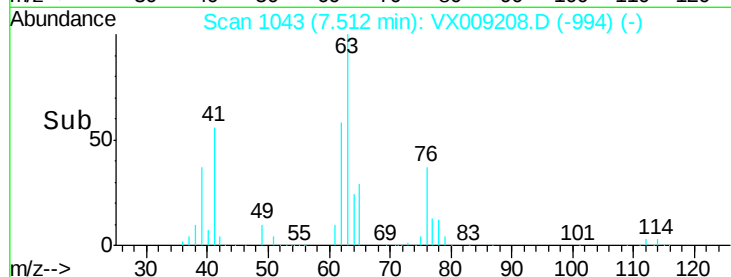
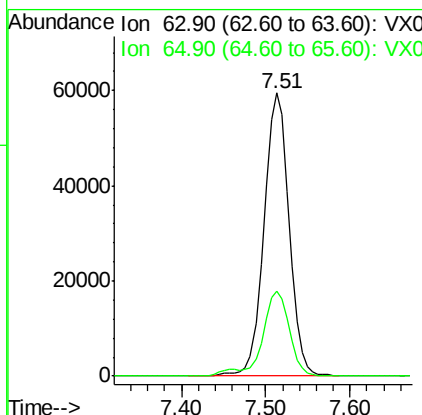
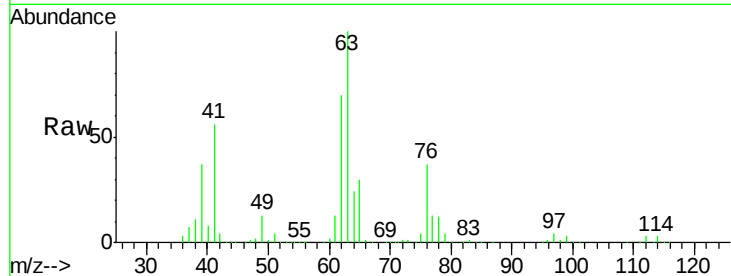
#45
 1,2-Dichloropropane
 Concen: 50.955 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009208.D
 Acq: 29 Apr 2019 15:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 122740
 Ion Ratio Lower Upper
 63 100
 65 30.1 25.0 37.6

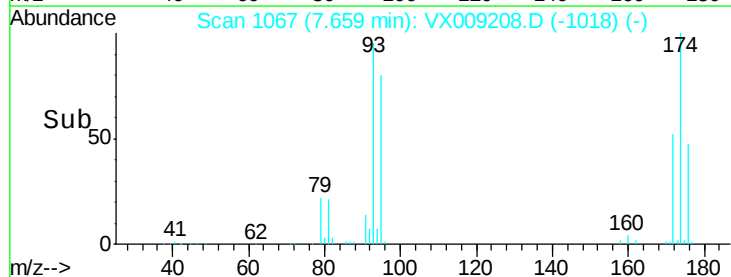
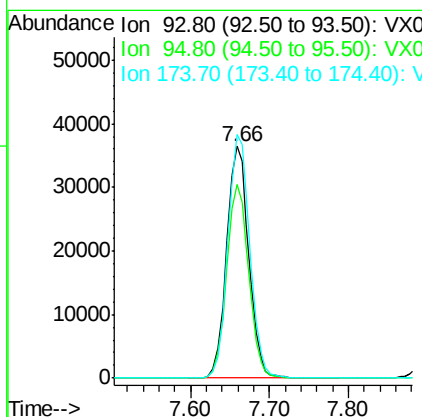
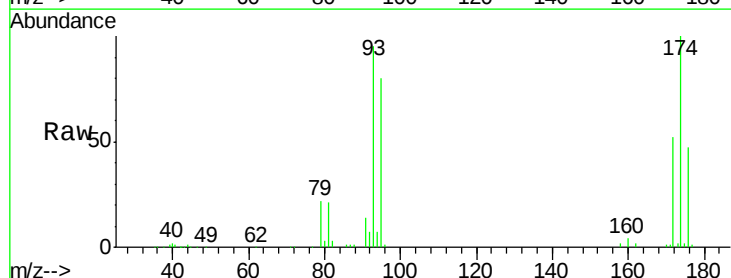
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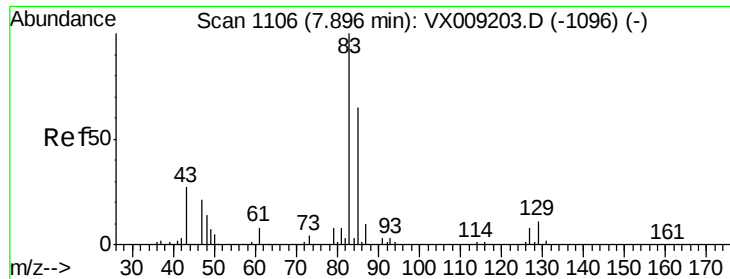
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#46
 Dibromomethane
 Concen: 50.895 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009208.D
 Acq: 29 Apr 2019 15:25

Tgt Ion: 93 Resp: 71192
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.5 99.7
 174 104.2 82.1 123.1





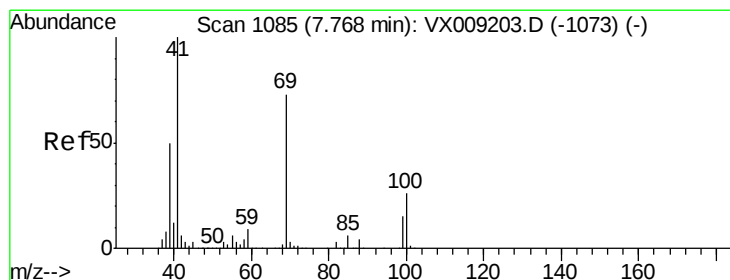
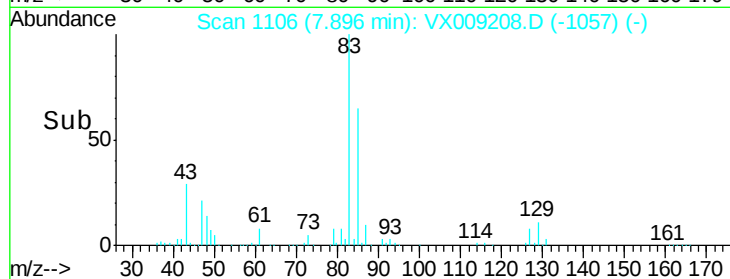
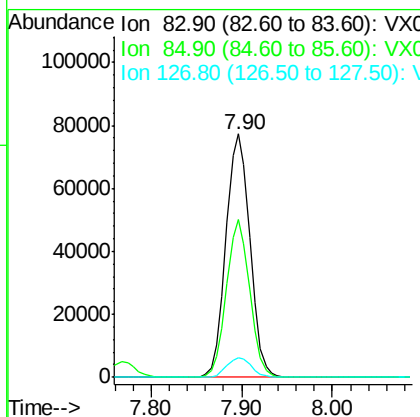
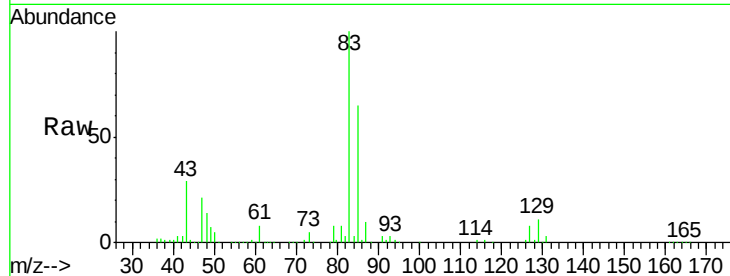
#47
Bromodichloromethane
Concen: 50.919 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.4	78.6
127	7.9	6.6	10.0

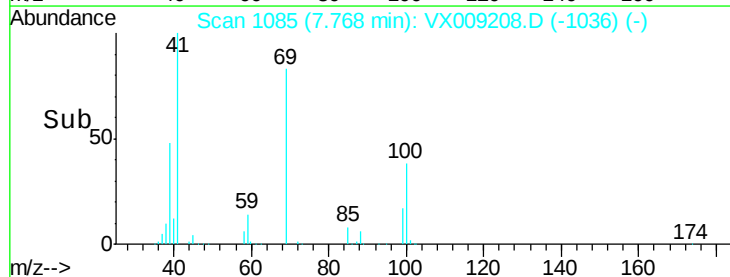
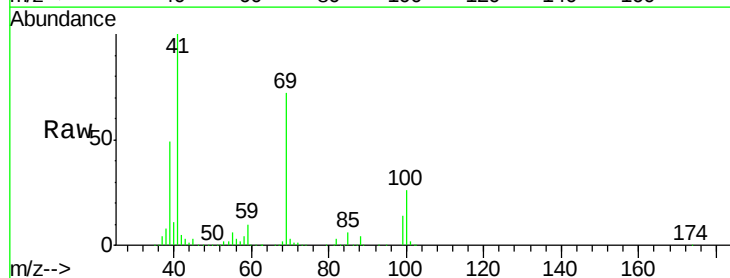
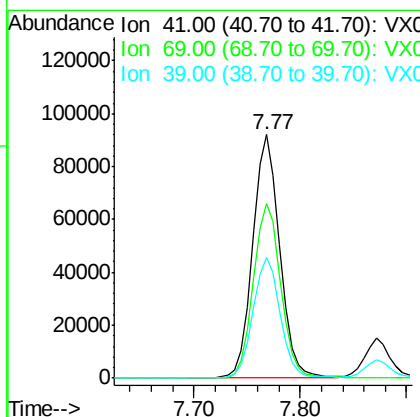
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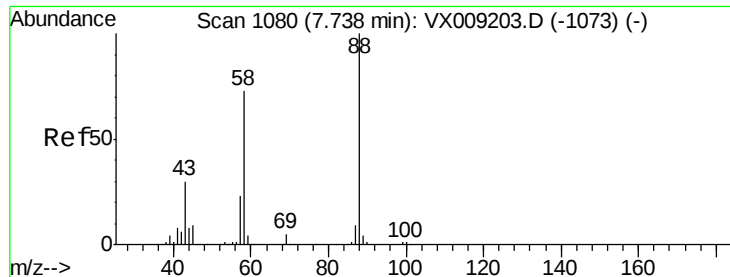
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#48
Methyl methacrylate
Concen: 53.688 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

Tgt Ion	Ratio	Lower	Upper
41	100		
69	73.9	59.1	88.7
39	50.1	40.4	60.6





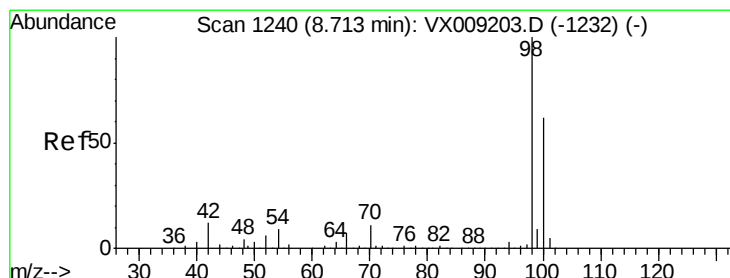
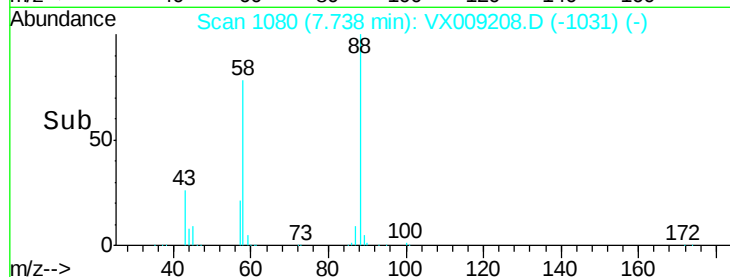
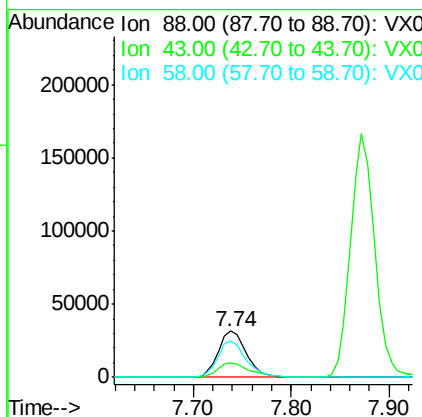
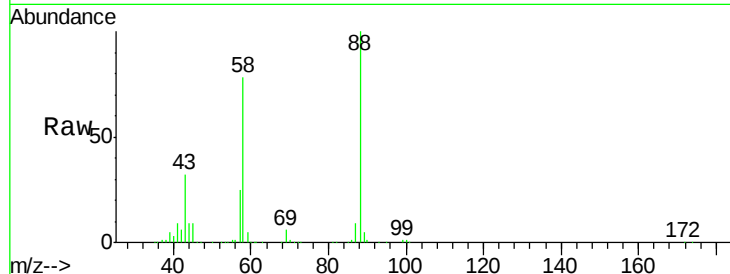
#49
1,4-Dioxane
Concen: 1030.057 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.9	28.6	42.8
58	79.9	61.7	92.5

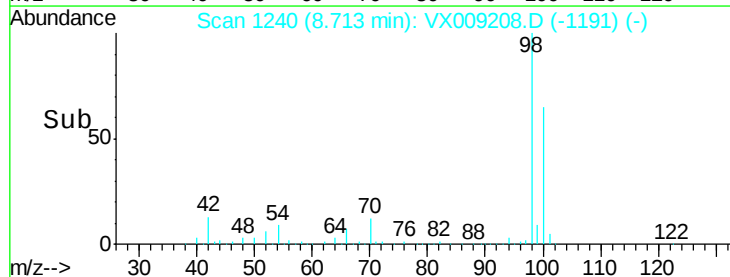
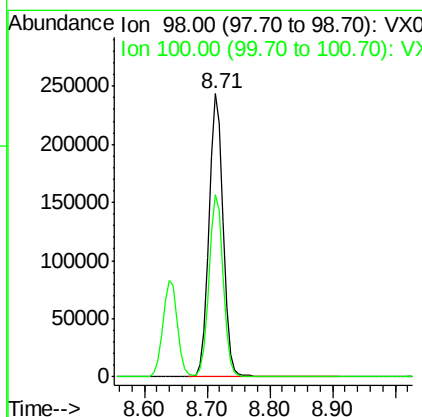
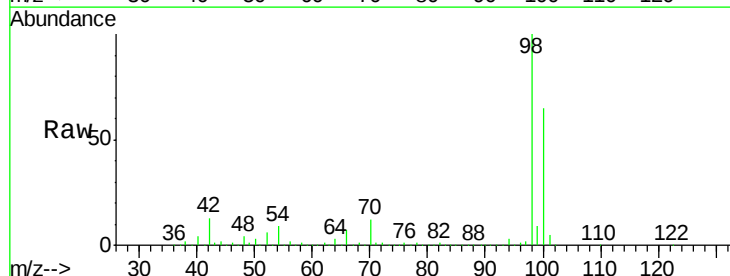
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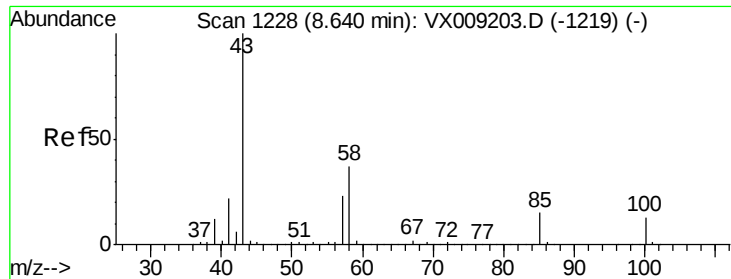
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#50
Toluene-d8
Concen: 50.549 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 265.580 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1063399

Ion Ratio Lower Upper

43 100

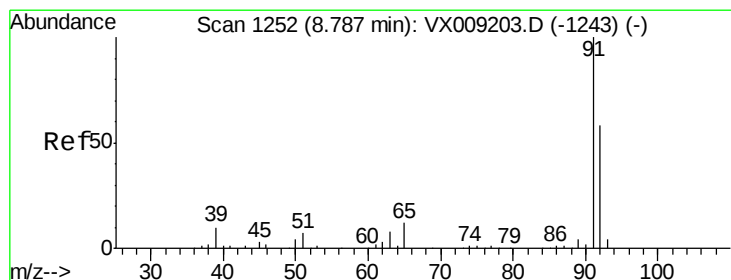
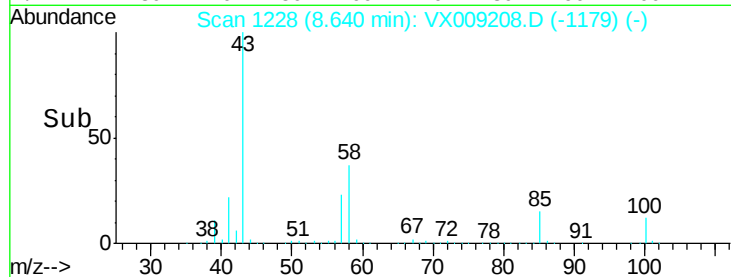
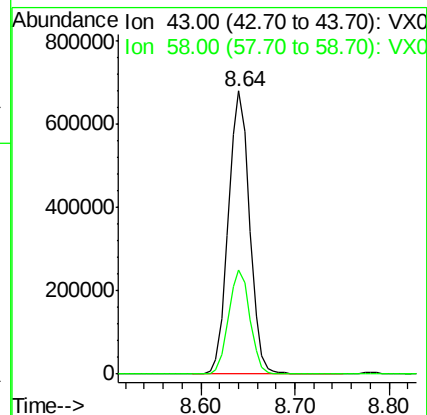
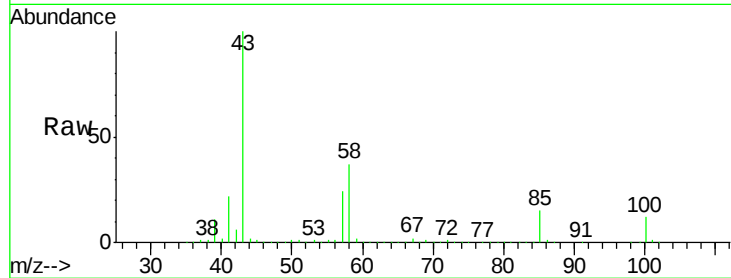
58 36.9 29.5 44.3

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#52

Toluene

Concen: 48.762 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009208.D

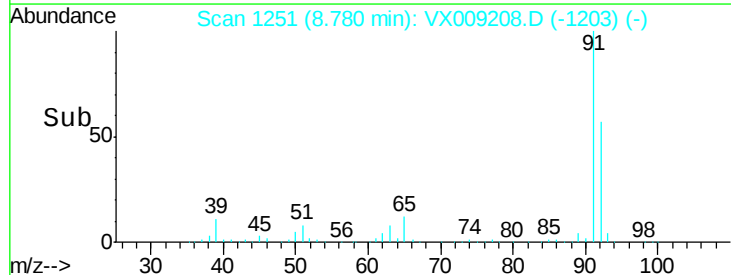
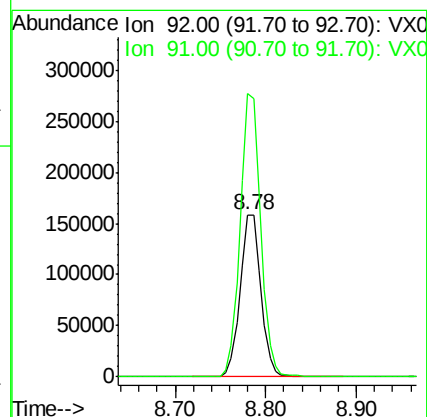
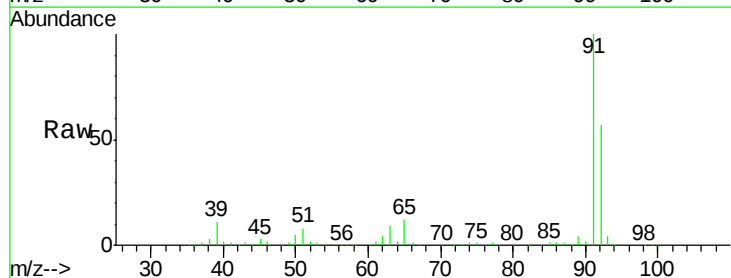
Acq: 29 Apr 2019 15:25

Tgt Ion: 92 Resp: 252150

Ion Ratio Lower Upper

92 100

91 173.2 138.8 208.2





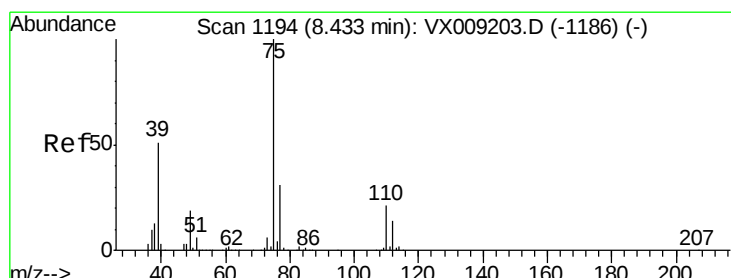
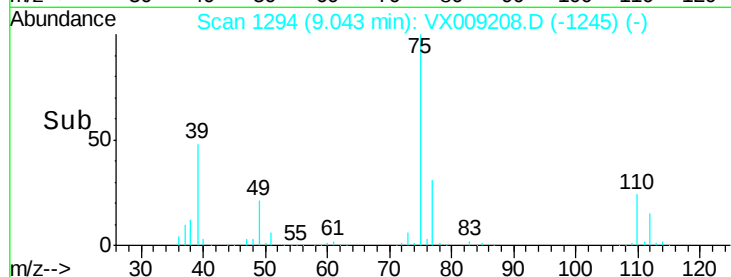
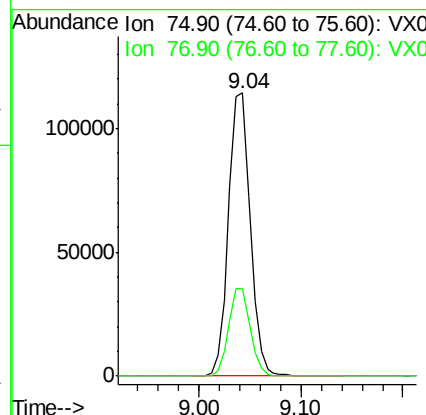
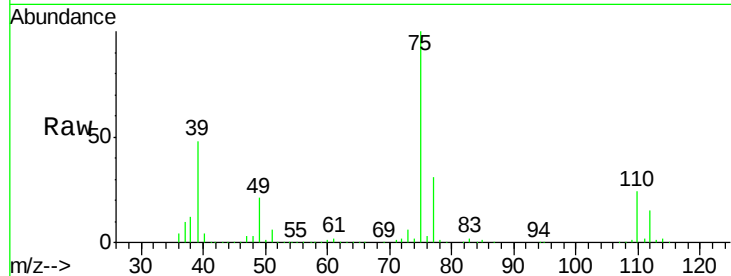
#53
t-1,3-Dichloropropene
Concen: 53.879 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 169730
Ion Ratio Lower Upper
75 100
77 30.8 25.0 37.6

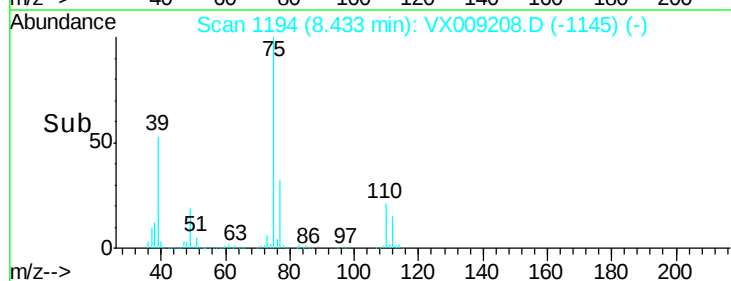
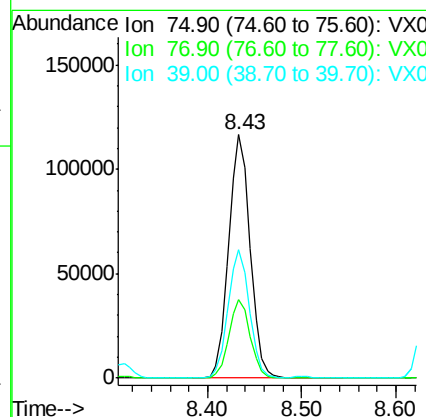
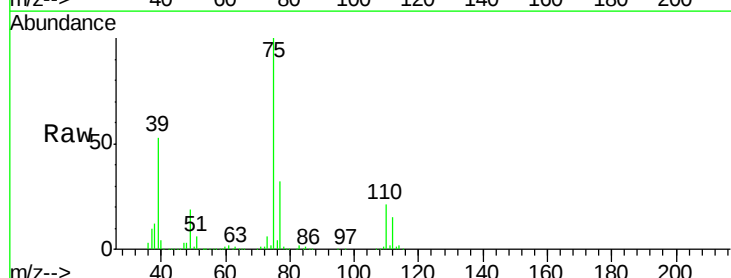
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#54
cis-1,3-Dichloropropene
Concen: 52.797 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

Tgt Ion: 75 Resp: 184093
Ion Ratio Lower Upper
75 100
77 32.0 24.6 36.8
39 52.8 40.6 60.8





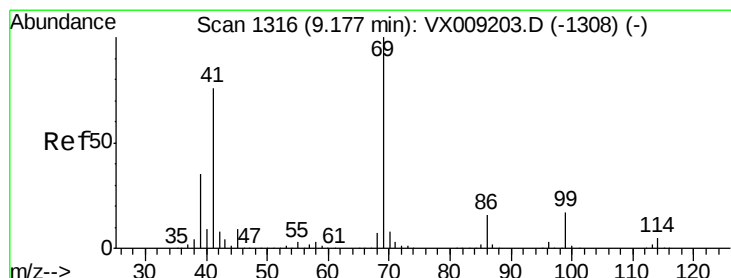
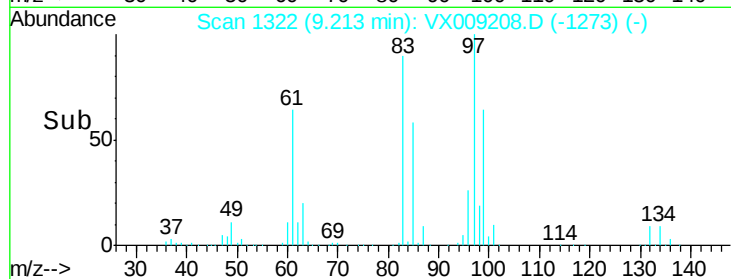
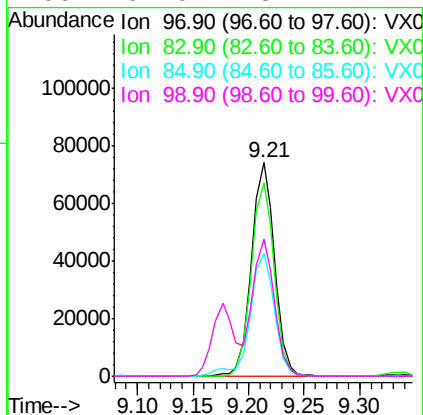
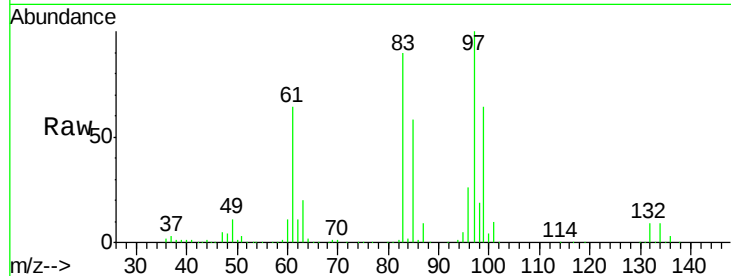
#55
 1,1,2-Trichloroethane
 Concen: 50.916 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009208.D
 Acq: 29 Apr 2019 15:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	107415
Ion	Ratio	Lower	Upper
97	100		
83	90.4	68.9	103.3
85	57.7	43.8	65.6
99	64.0	48.2	72.2

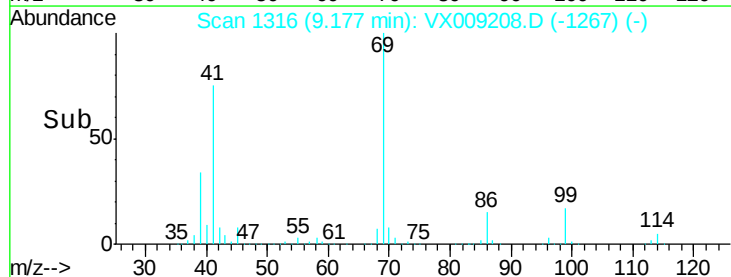
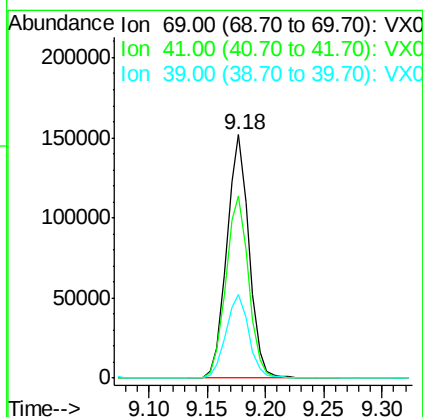
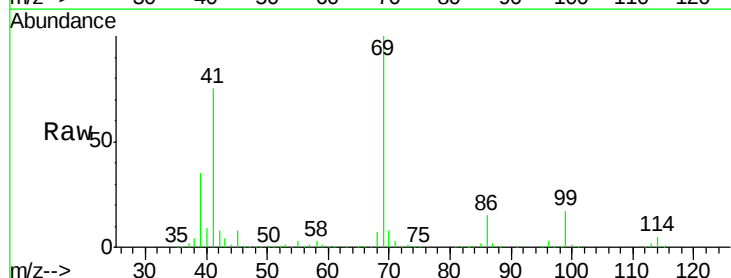
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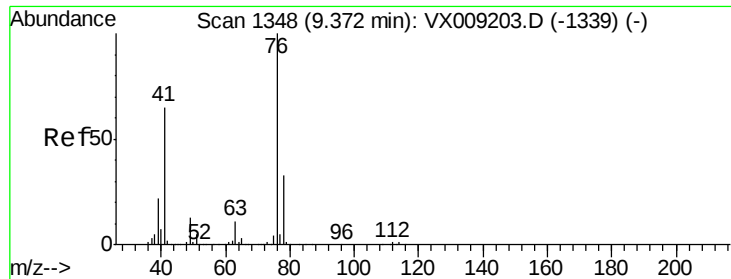
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#56
 Ethyl methacrylate
 Concen: 53.509 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009208.D
 Acq: 29 Apr 2019 15:25

Tgt Ion:	69	Resp:	201506
Ion	Ratio	Lower	Upper
69	100		
41	76.1	60.6	90.8
39	35.3	28.2	42.4





#57

1,3-Dichloropropane

Concen: 51.431 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 190935

Ion Ratio Lower Upper

76 100

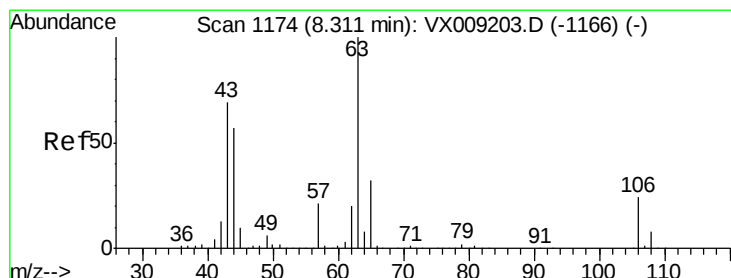
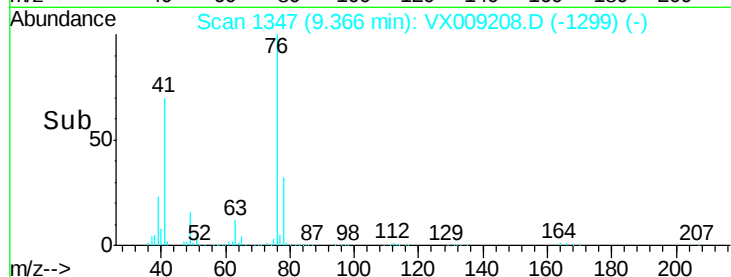
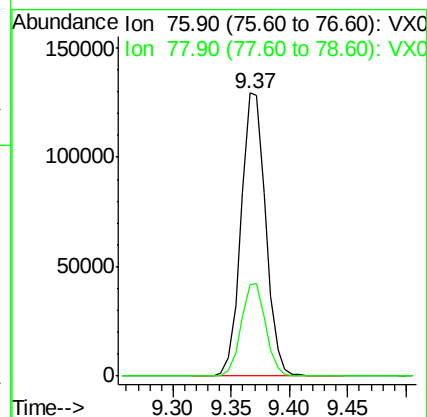
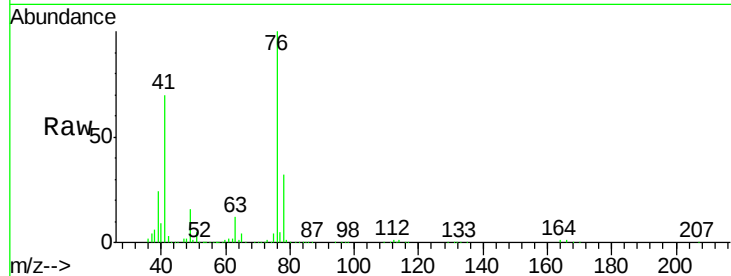
78 32.6 25.5 38.3

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#58

2-Chloroethyl Vinyl ether

Concen: 264.461 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX009208.D

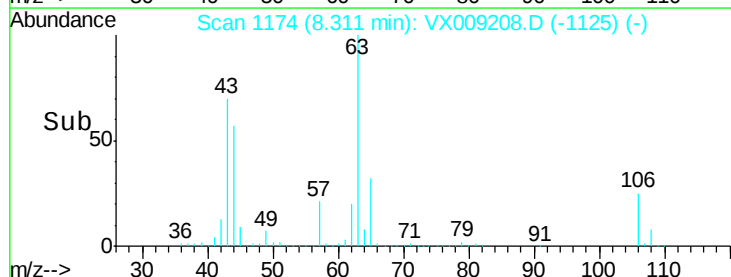
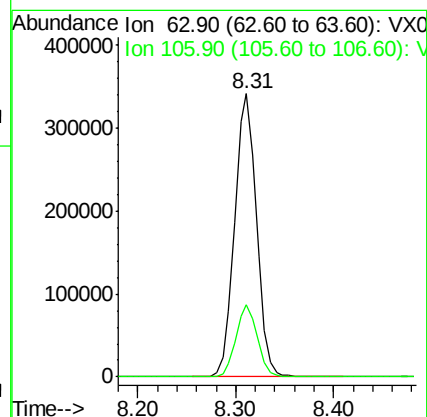
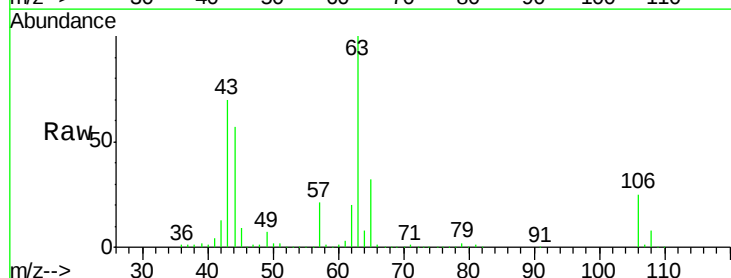
Acq: 29 Apr 2019 15:25

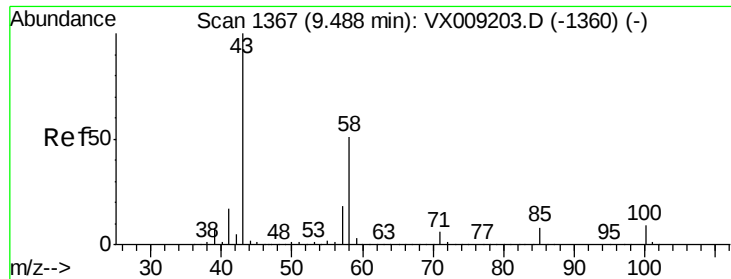
Tgt Ion: 63 Resp: 528334

Ion Ratio Lower Upper

63 100

106 24.8 19.7 29.5





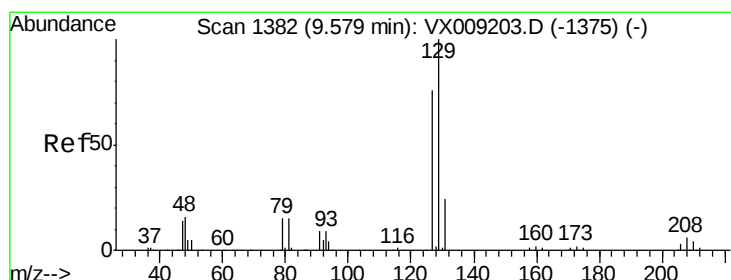
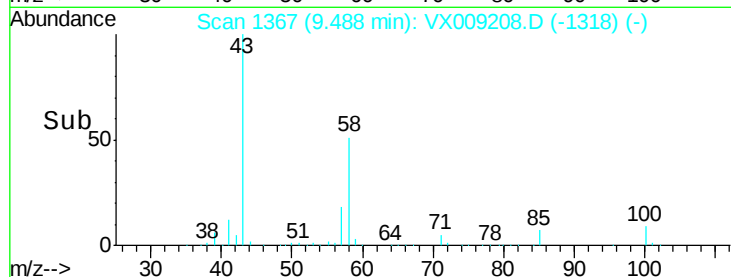
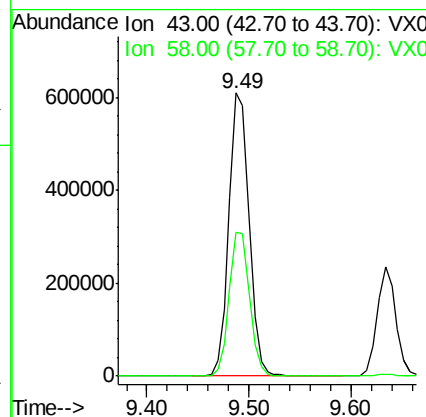
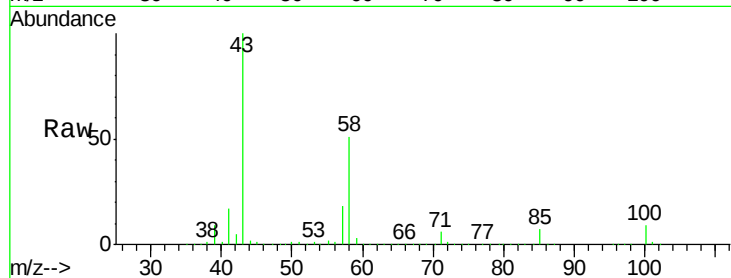
#59
2-Hexanone
Concen: 267.029 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 839736
Ion Ratio Lower Upper
43 100
58 51.6 25.9 77.7

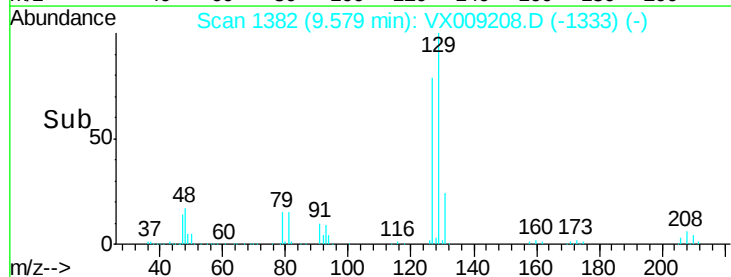
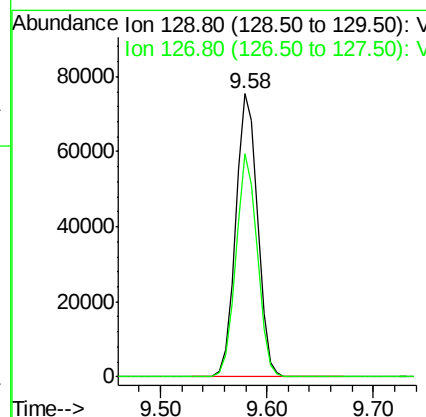
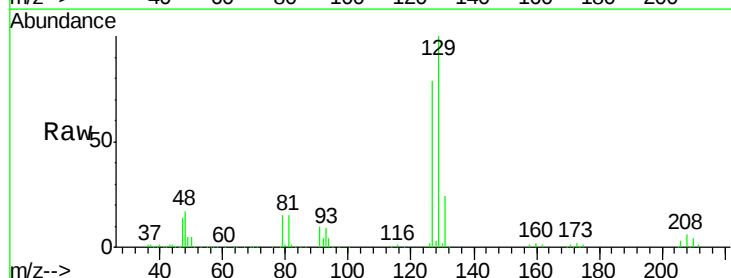
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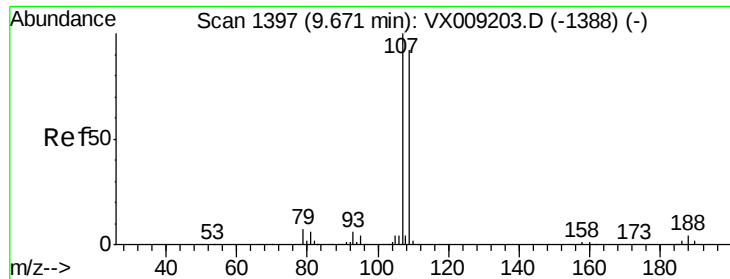
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#60
Dibromochloromethane
Concen: 52.904 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

Tgt Ion: 129 Resp: 109007
Ion Ratio Lower Upper
129 100
127 76.7 38.4 115.1





#61

1,2-Dibromoethane

Concen: 52.180 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 111121

Ion Ratio Lower Upper

107 100

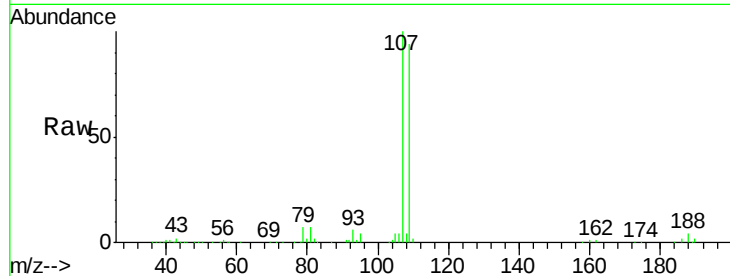
109 94.2 75.2 112.8

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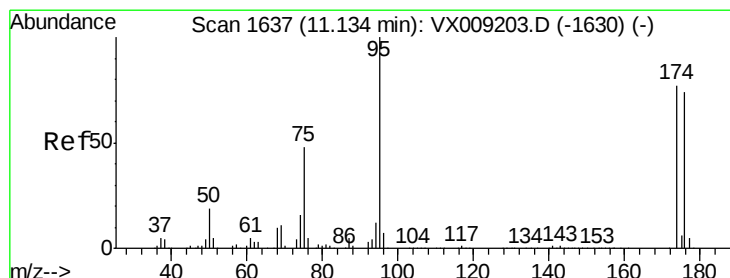
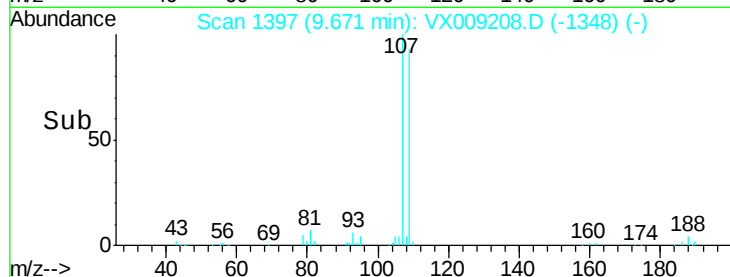
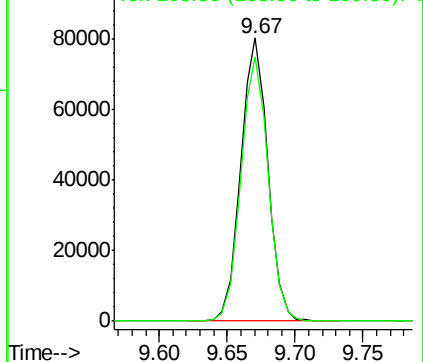
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.953 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

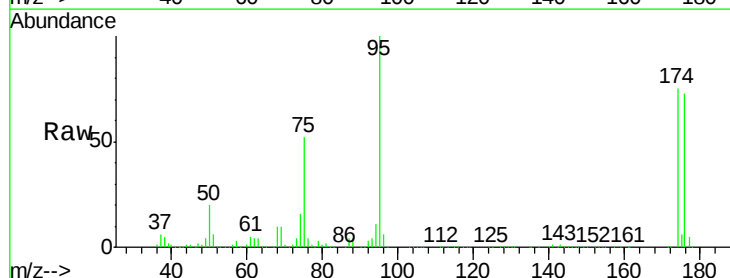
Tgt Ion: 95 Resp: 141712

Ion Ratio Lower Upper

95 100

174 80.4 0.0 161.6

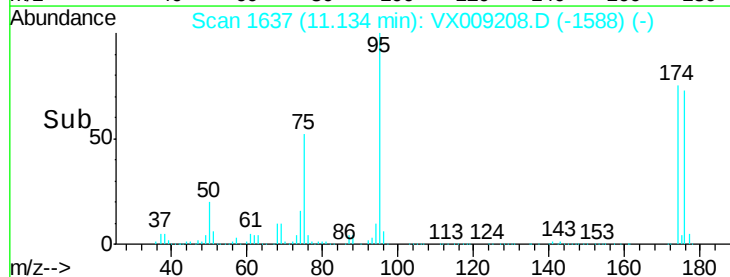
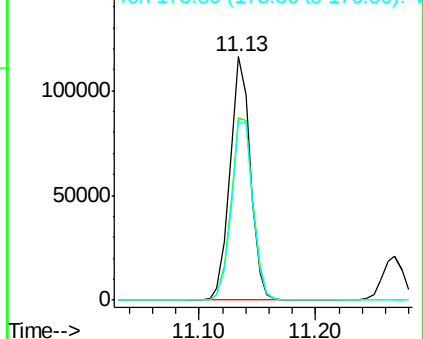
176 77.7 0.0 159.2

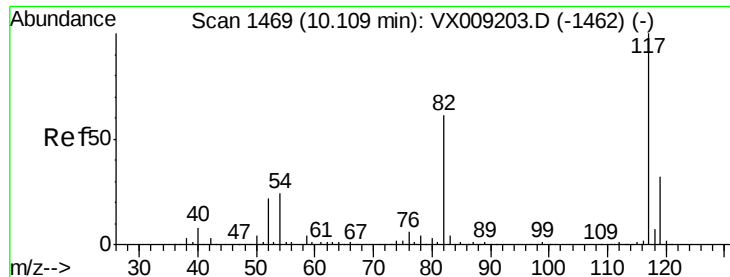


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





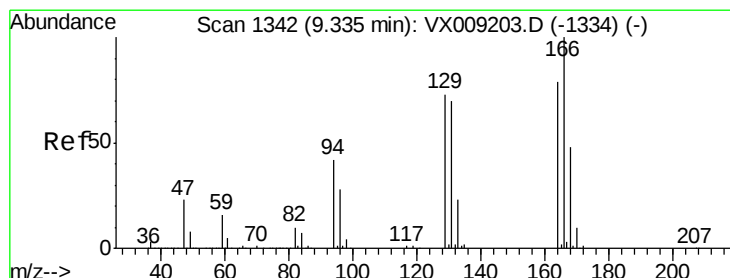
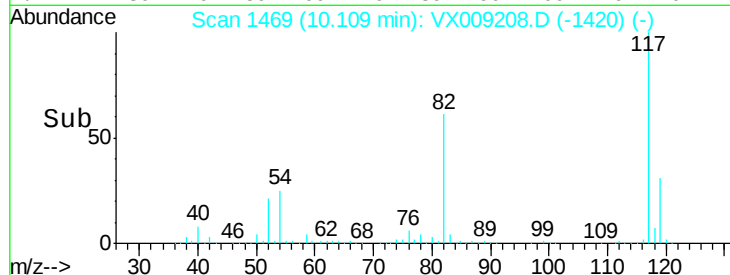
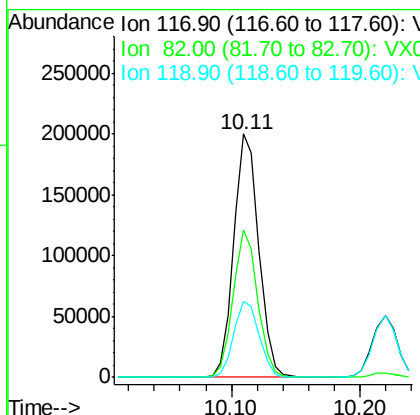
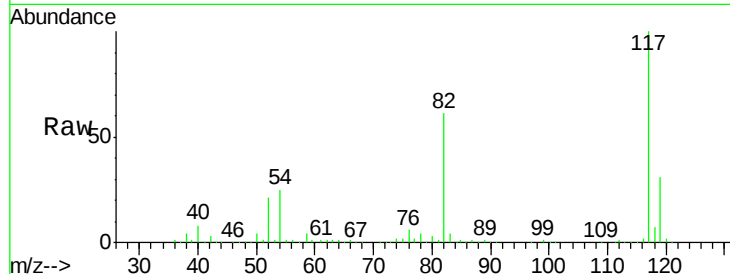
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.8	48.8	73.2
119	31.3	25.8	38.6

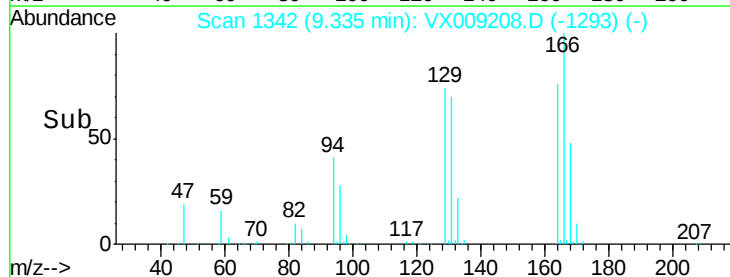
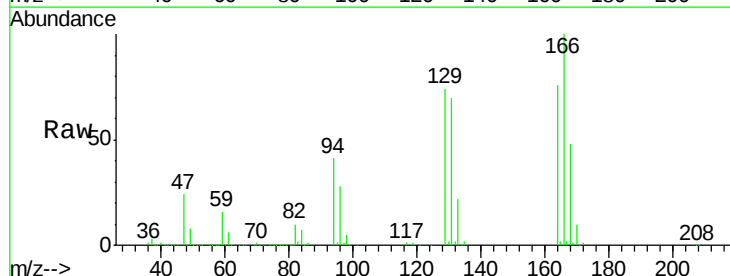
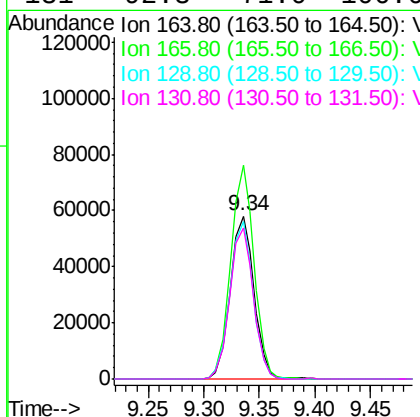
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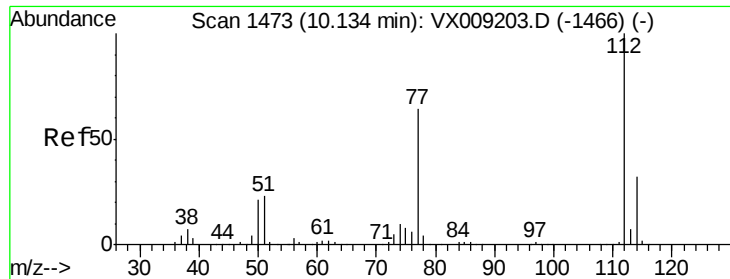
MMDadoda
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#64
Tetrachloroethene
Concen: 46.019 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.0	101.2	151.8
129	96.5	74.3	111.5
131	92.3	71.0	106.6





#65

Chlorobenzene

Concen: 48.736 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 265178

Ion Ratio Lower Upper

112 100

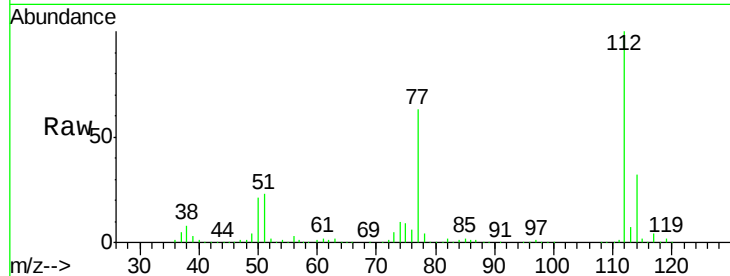
114 32.1 25.5 38.3

Manual Integrations

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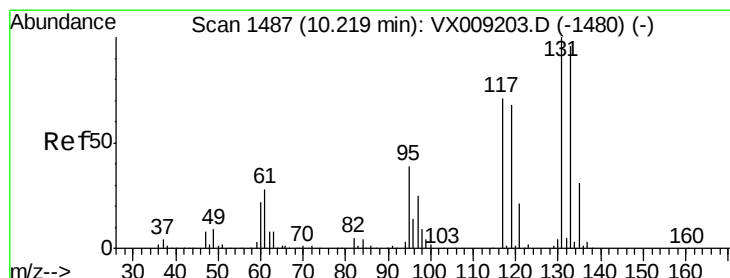
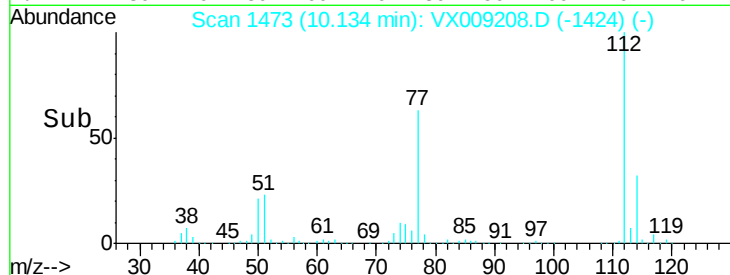
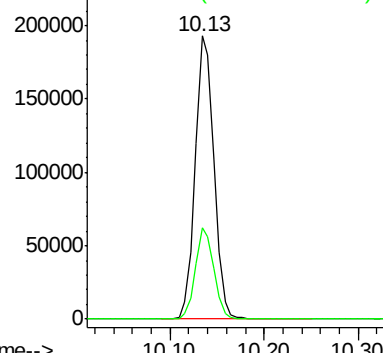
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.203 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

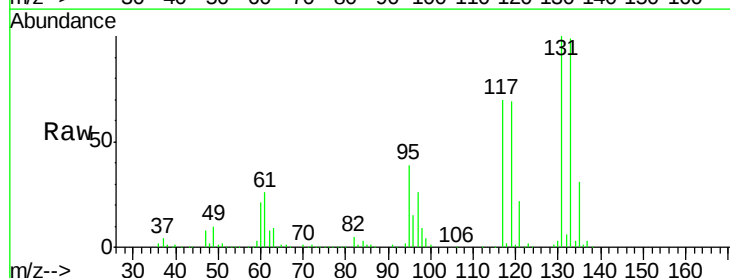
Tgt Ion:131 Resp: 97061

Ion Ratio Lower Upper

131 100

133 95.9 47.7 143.1

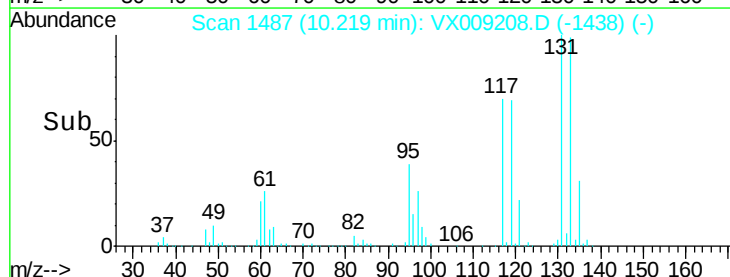
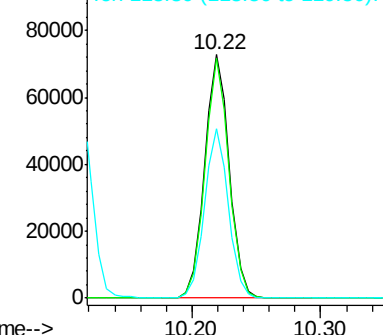
119 67.9 33.5 100.4

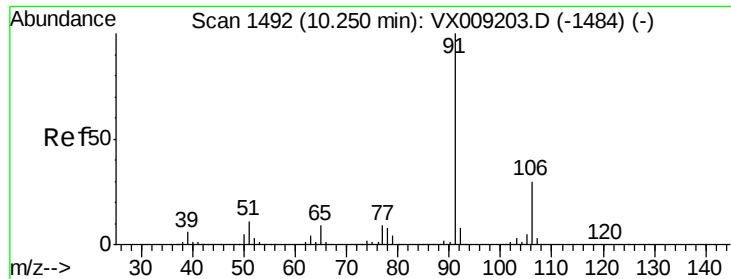


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 48.167 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 482340

Ion Ratio Lower Upper

91 100

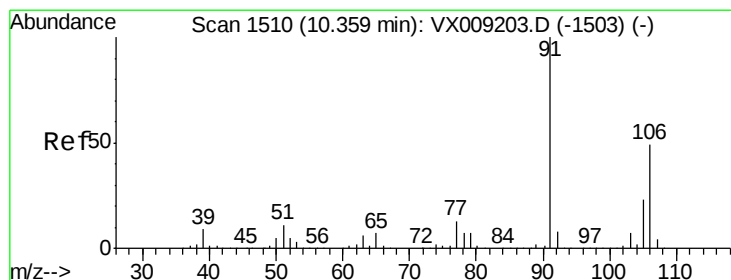
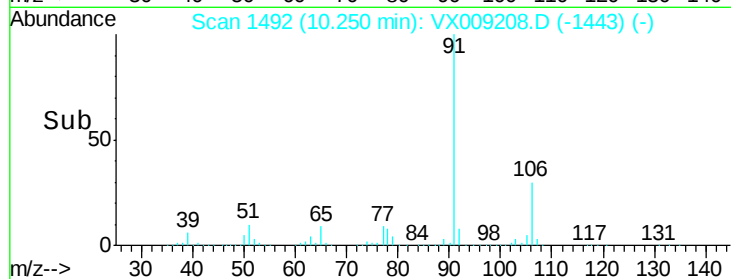
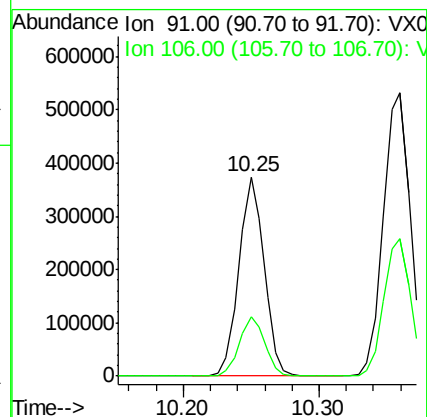
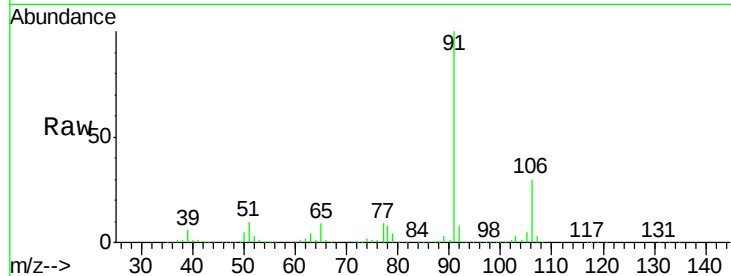
106 30.0 24.0 36.0

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#68

m/p-Xylenes

Concen: 96.370 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX009208.D

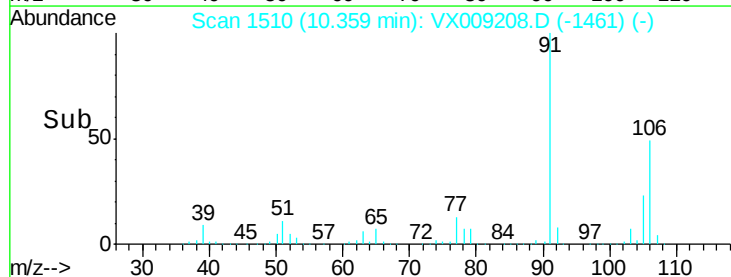
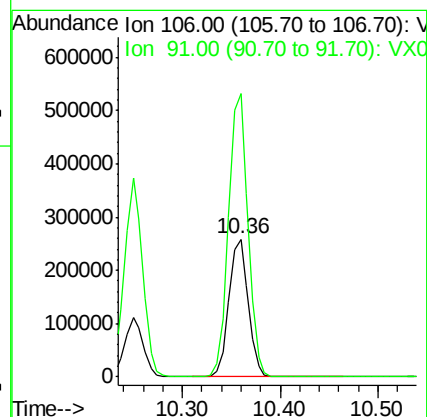
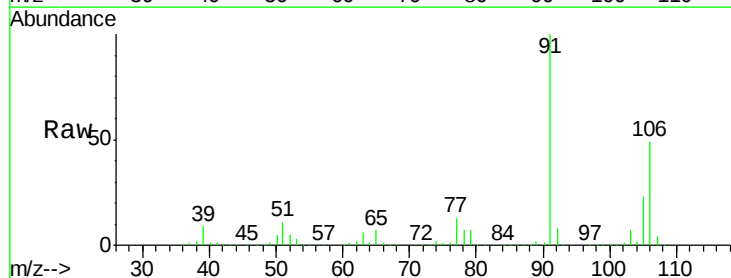
Acq: 29 Apr 2019 15:25

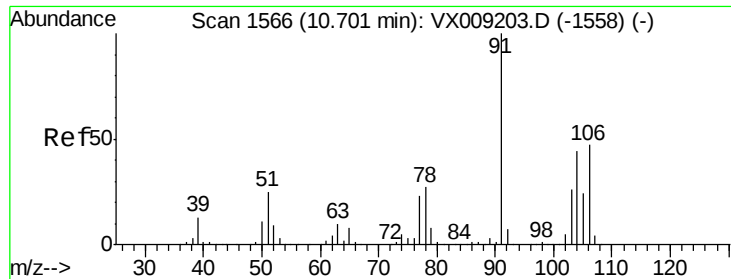
Tgt Ion: 106 Resp: 352652

Ion Ratio Lower Upper

106 100

91 208.0 164.0 246.0





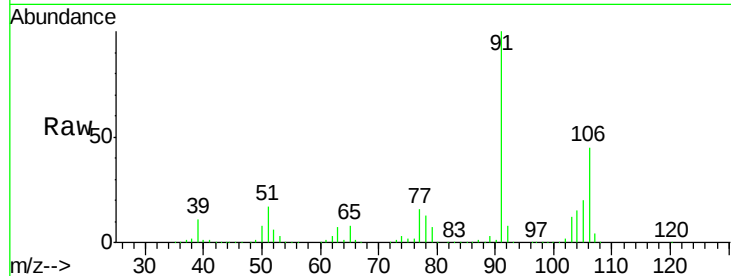
#69
o-Xylene
Concen: 48.025 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

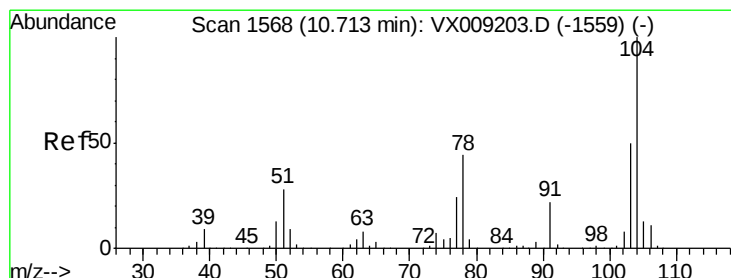
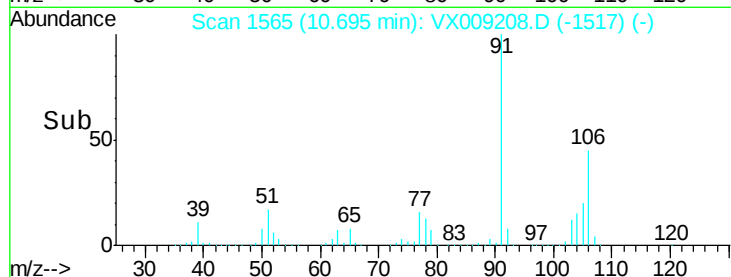
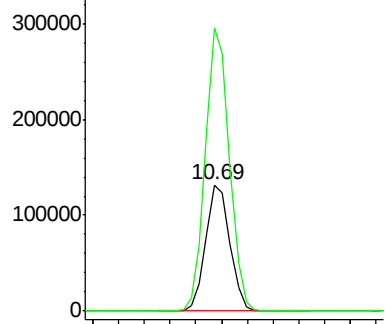
Tot Ion:106 Resp: 173393
Ion Ratio Lower Upper
106 100
91 222.1 109.5 328.4

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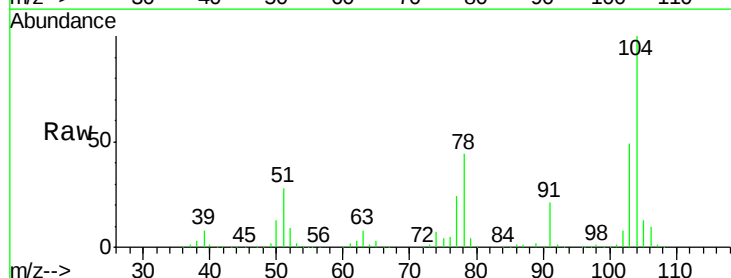


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

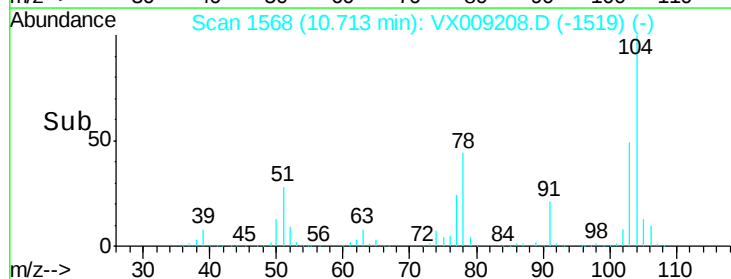
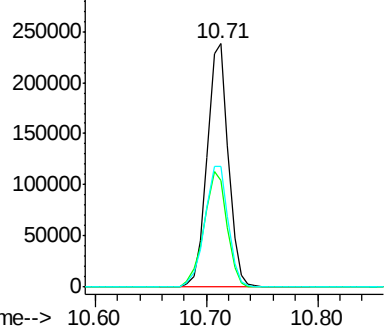


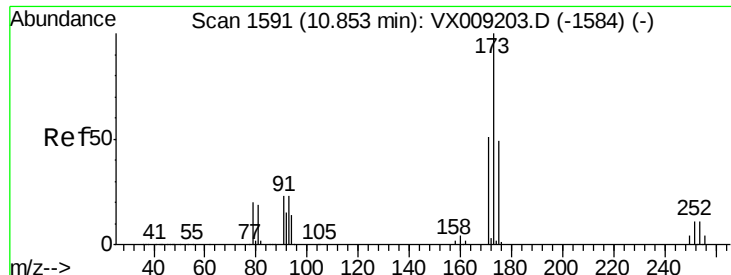
#70
Styrene
Concen: 49.873 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

Tgt Ion:104 Resp: 312969
Ion Ratio Lower Upper
104 100
78 51.7 41.0 61.4
103 55.2 43.8 65.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 52.051 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 83442

Ion Ratio Lower Upper

173 100

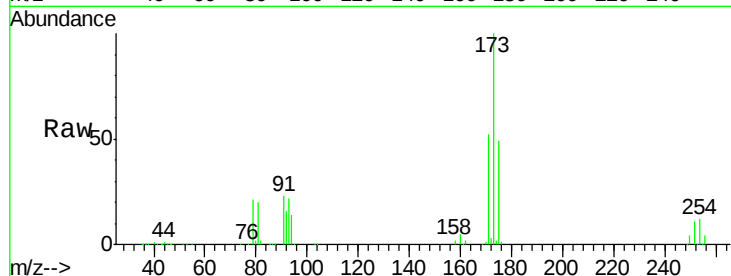
175 49.0 24.5 73.5

254 0.1 0.1 0.1

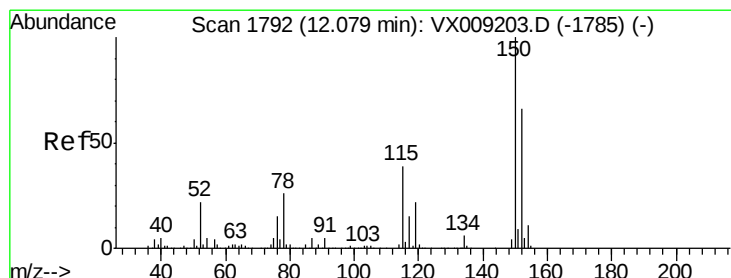
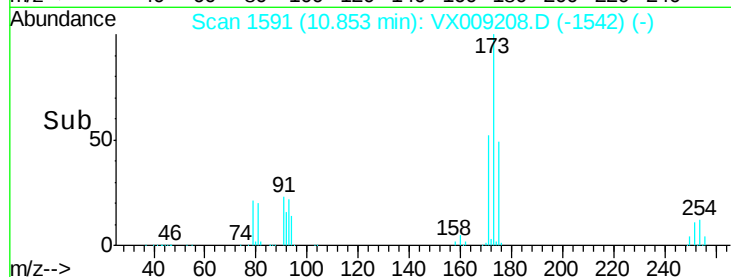
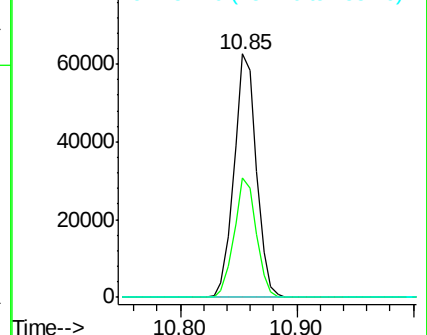
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

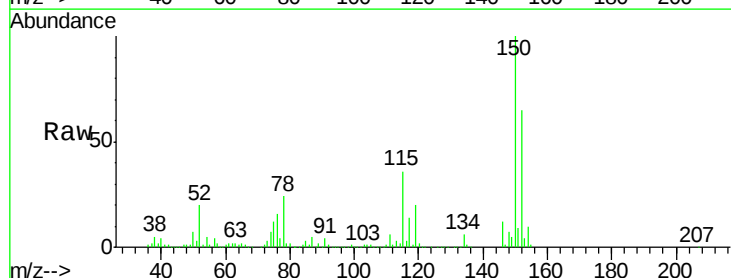
Tgt Ion:152 Resp: 136003

Ion Ratio Lower Upper

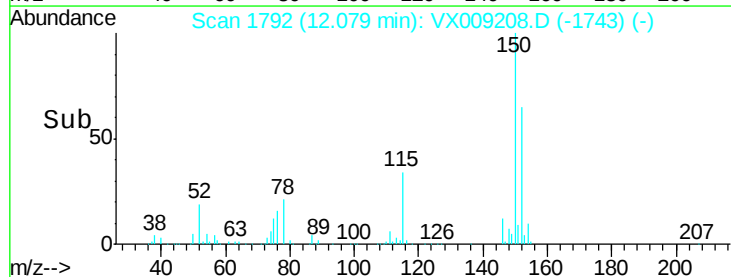
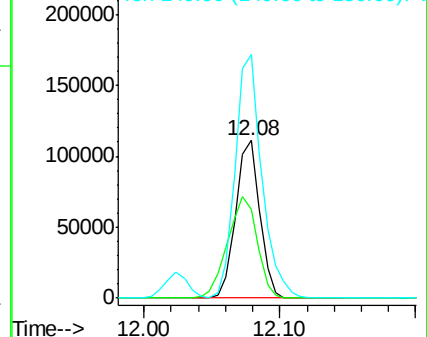
152 100

115 79.5 41.2 123.6

150 172.3 0.0 346.4



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: 46.255 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 457463

Ion Ratio Lower Upper

105 100

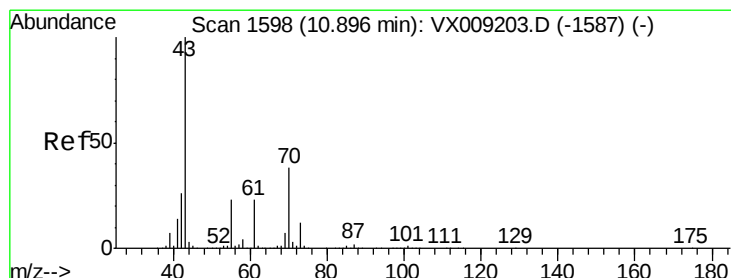
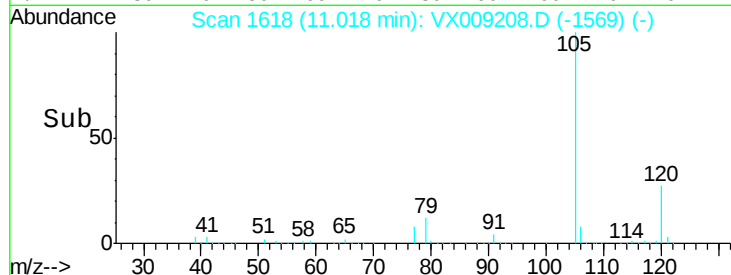
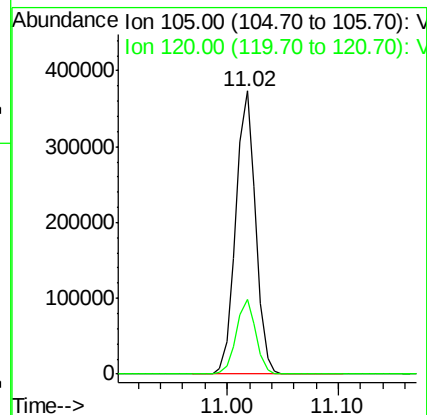
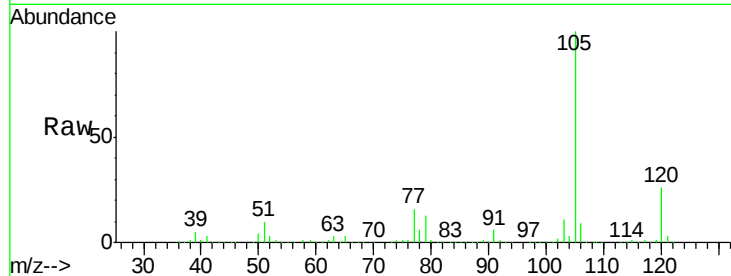
120 26.1 12.8 38.3

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#74

N-ethyl acetate

Concen: 52.681 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Tgt Ion: 43 Resp: 303754

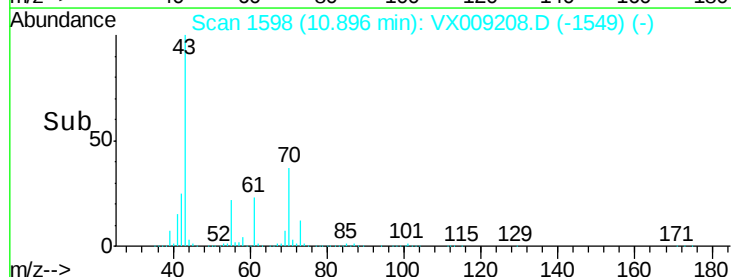
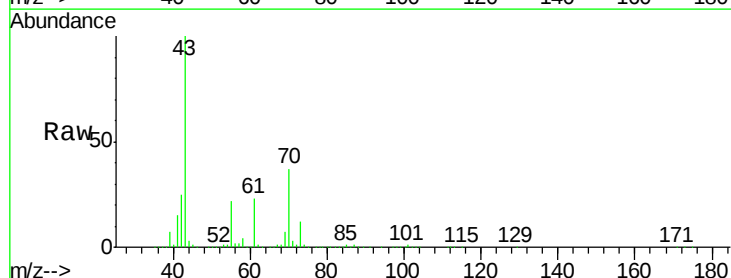
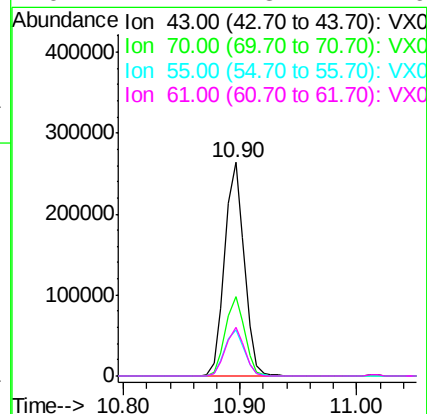
Ion Ratio Lower Upper

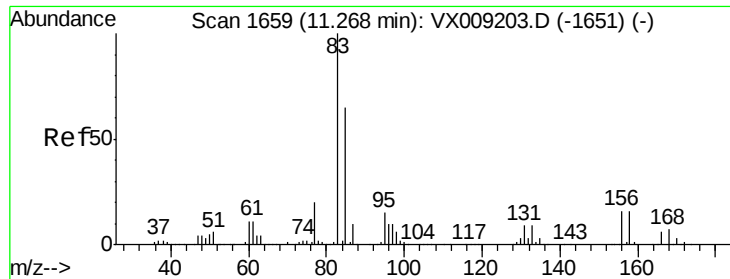
43 100

70 37.3 30.0 45.0

55 22.2 17.9 26.9

61 22.4 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 50.132 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Instrument :

MSVOA_X

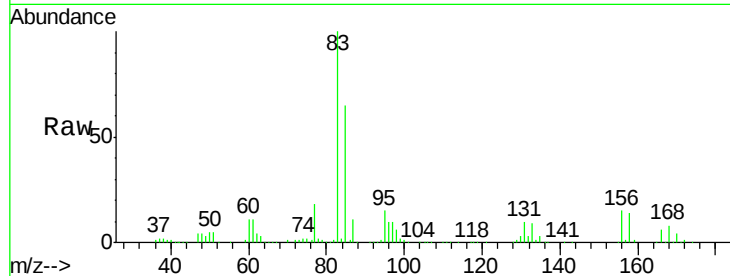
ClientSampleId :

VSTDCCC050

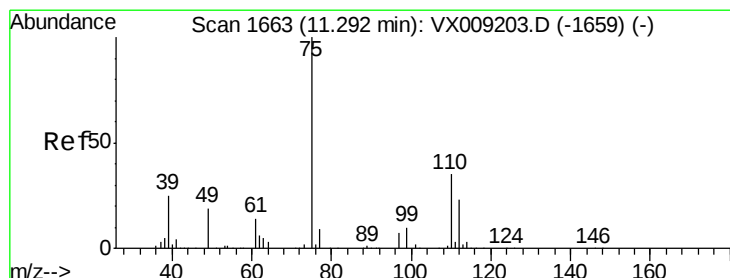
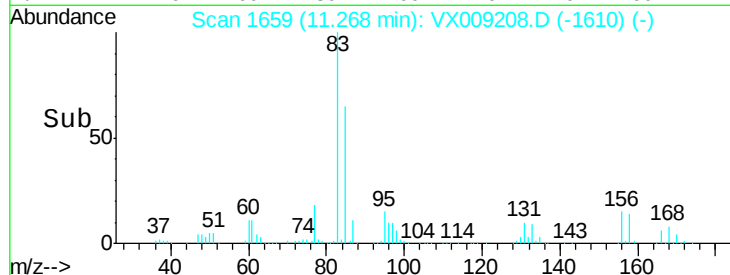
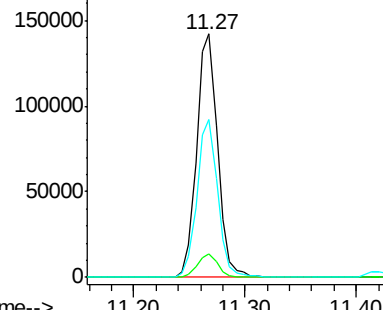
Tot Ion:	83	Resp:	184827
Ion Ratio	Lower	Upper	
83	100		
131	9.4	4.6	13.8
85	64.2	32.0	96.2

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX009208.D (-1651) (-)



#76

1,2,3-Trichloropropane

Concen: 50.855 ug/l m

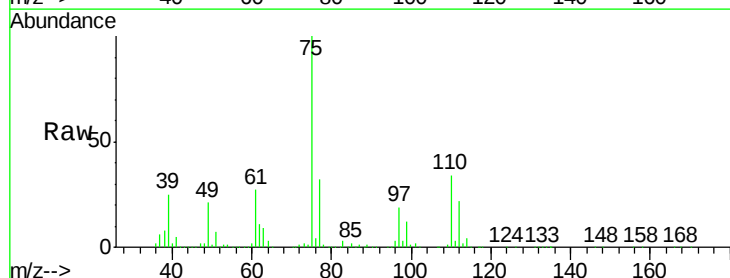
RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

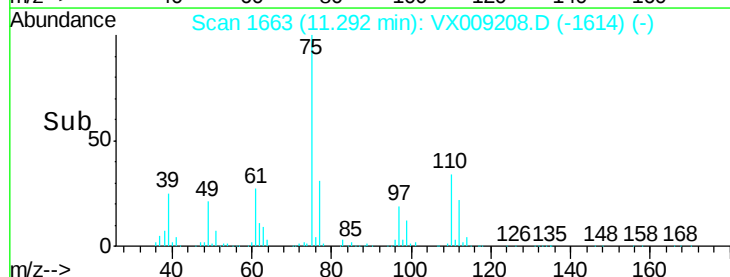
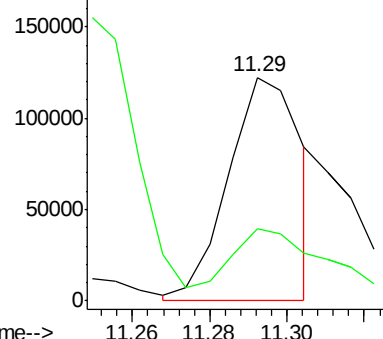
Lab File: VX009208.D

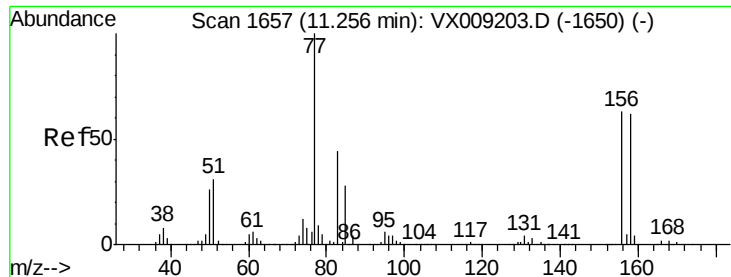
Acq: 29 Apr 2019 15:25

Tgt Ion:	75	Resp:	160437
Ion Ratio	Lower	Upper	
75	100		
77	44.1	22.1	66.1



Abundance Ion 74.90 (74.60 to 75.60): VX009208.D (-1614) (-)





#77

Bromobenzene

Concen: 48.004 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Instrument :

MSVOA_X

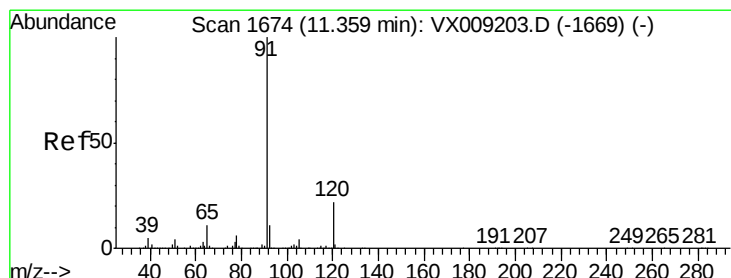
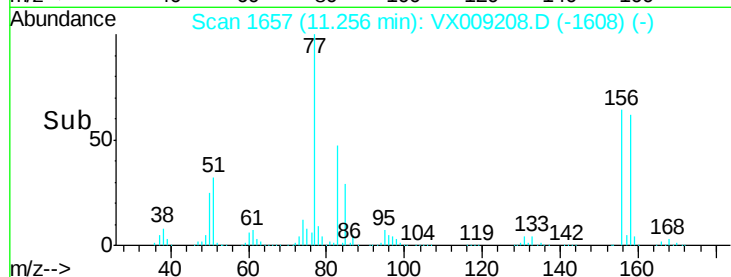
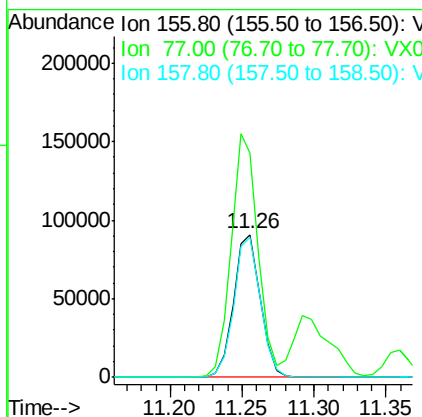
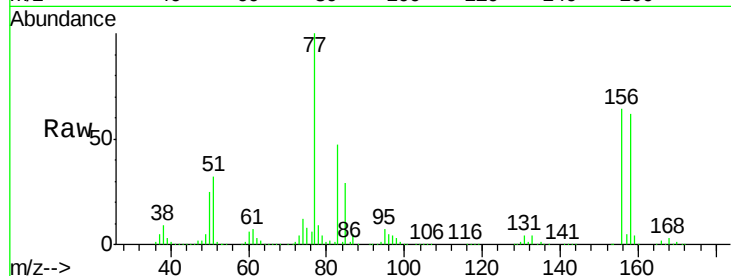
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	117837
Ion Ratio	Lower	Upper	
156	100		
77	170.7	84.8	254.3
158	97.6	49.1	147.3

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#78

n-propylbenzene

Concen: 47.029 ug/l

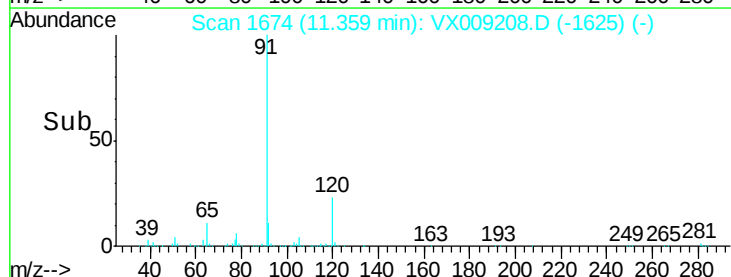
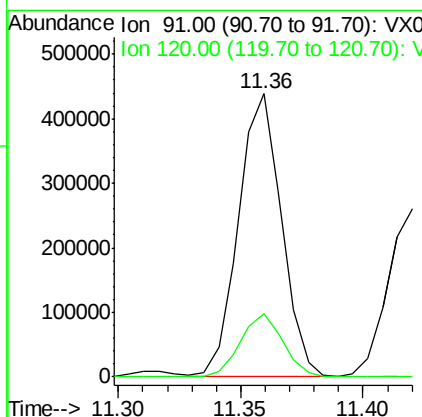
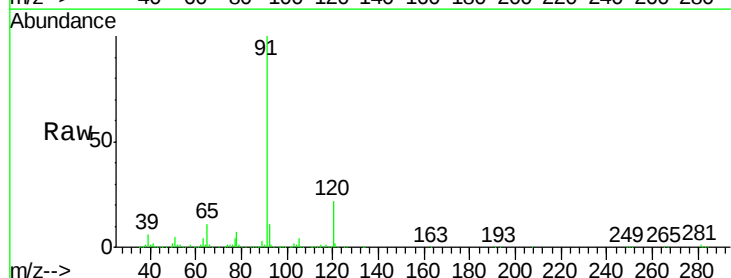
RT: 11.36 min Scan# 1674

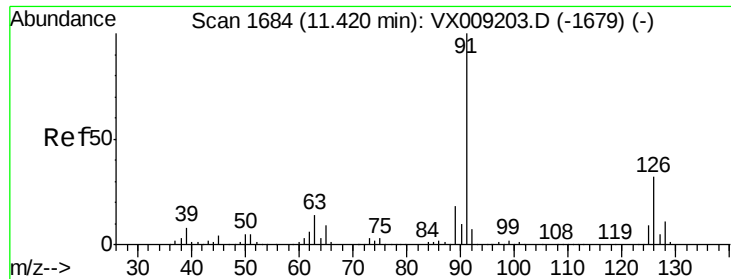
Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Tgt Ion:	91	Resp:	531182
Ion Ratio	Lower	Upper	
91	100		
120	22.3	11.0	33.0





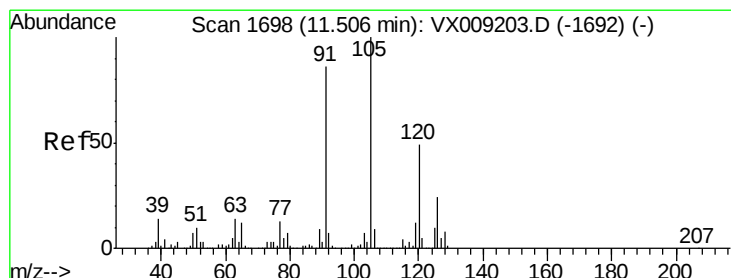
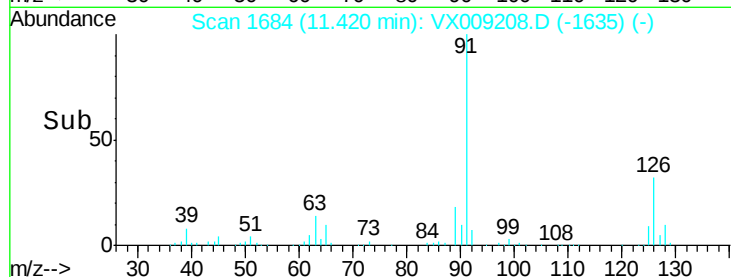
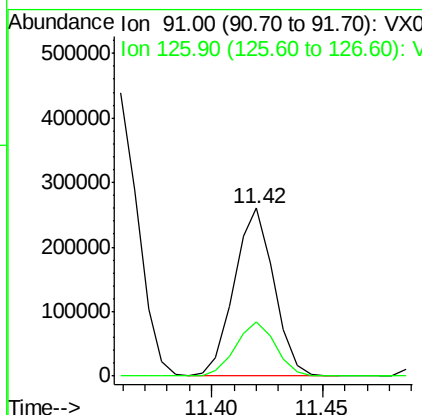
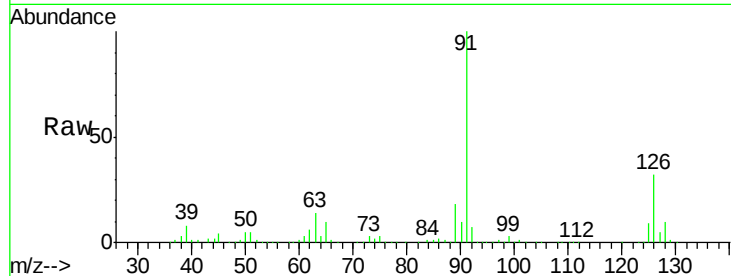
#79
 2-Chlorotoluene
 Concen: 46.330 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX009208.D
 Acq: 29 Apr 2019 15:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 322843
 Ion Ratio Lower Upper
 91 100
 126 32.3 16.3 48.9

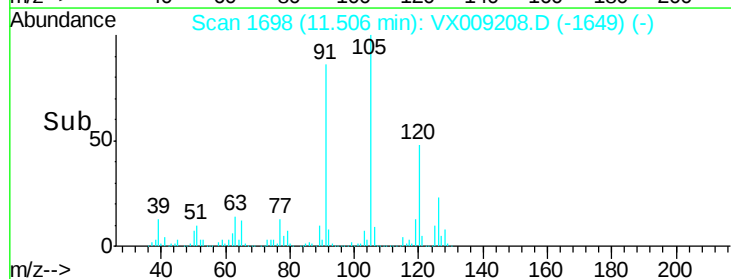
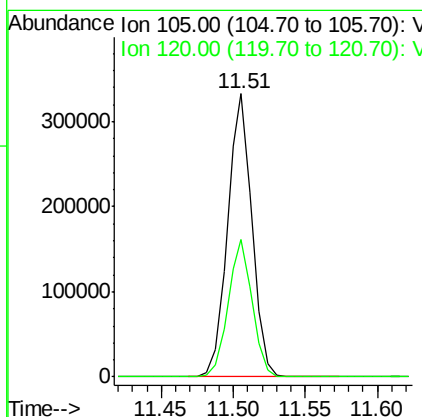
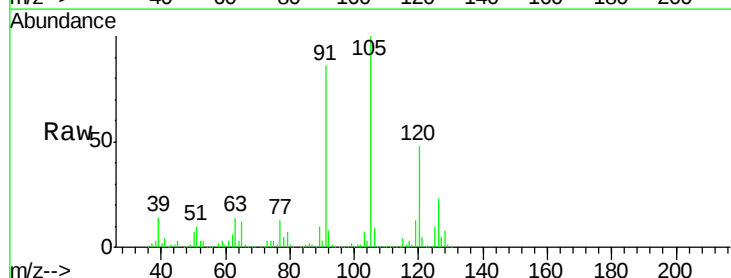
Manual Integrations
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#80
 1,3,5-Trimethylbenzene
 Concen: 47.311 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009208.D
 Acq: 29 Apr 2019 15:25

Tgt Ion: 105 Resp: 393975
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.3 72.9





#81

trans-1,4-Dichloro-2-butene

Concen: 51.894 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Instrument :

MSVOA_X

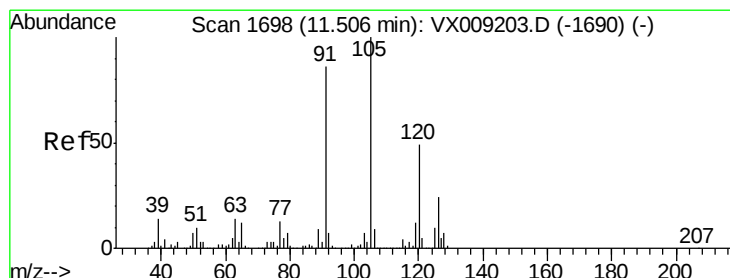
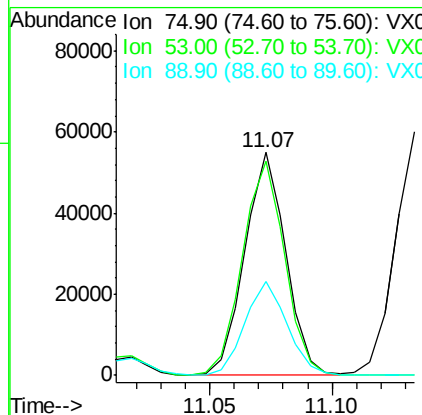
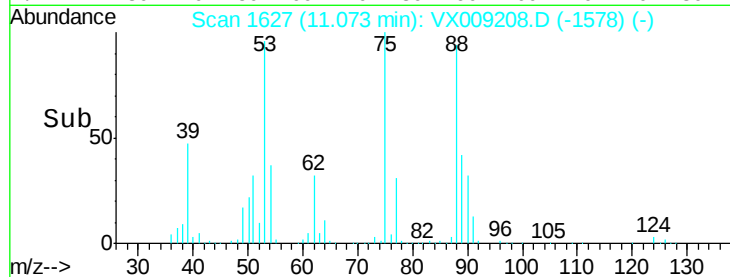
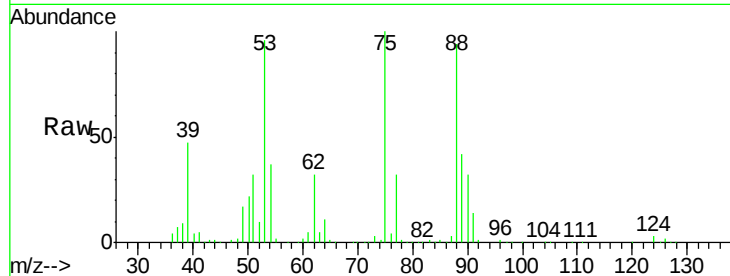
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	63985
Ion	Ratio	Lower	Upper
75	100		
53	98.6	79.0	118.6
89	43.6	34.7	52.1

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#82

4-Chlorotoluene

Concen: 47.303 ug/l

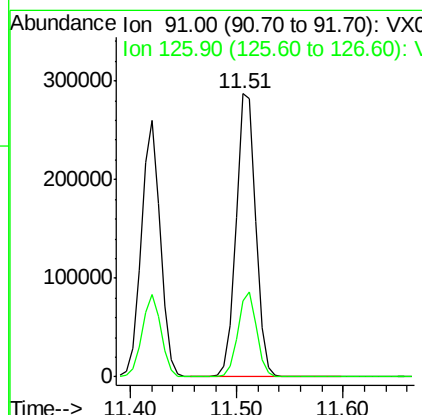
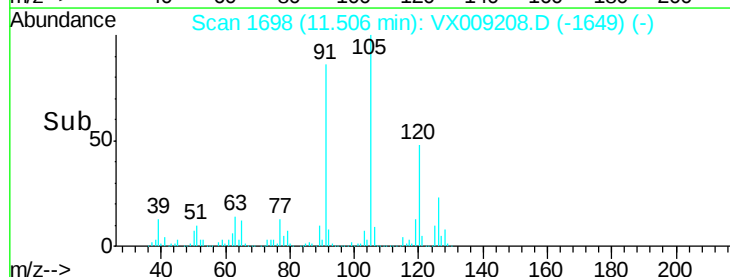
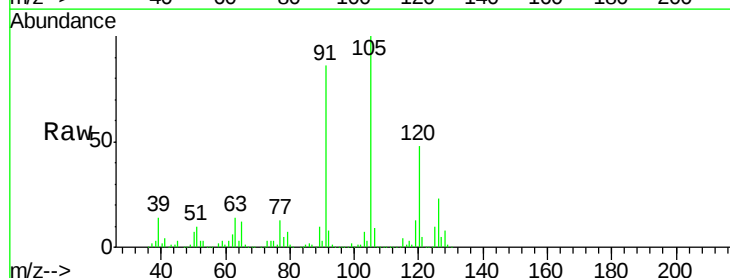
RT: 11.51 min Scan# 1698

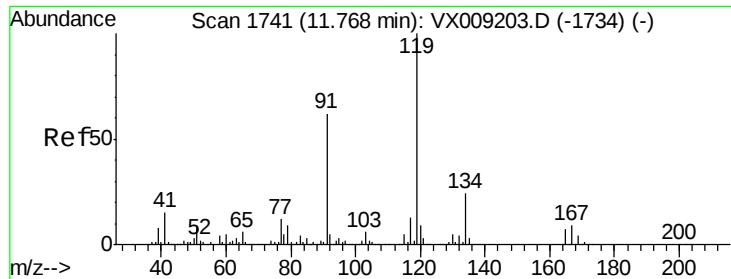
Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Tgt Ion:	91	Resp:	372378
Ion	Ratio	Lower	Upper
91	100		
126	28.7	14.5	43.6





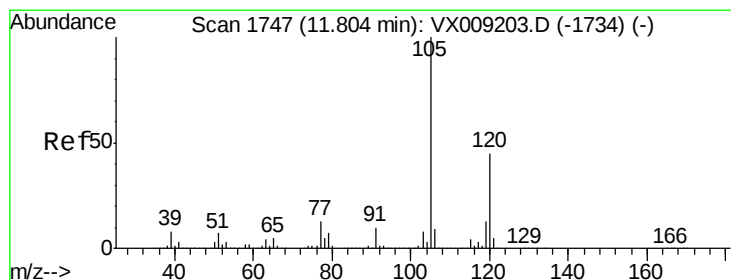
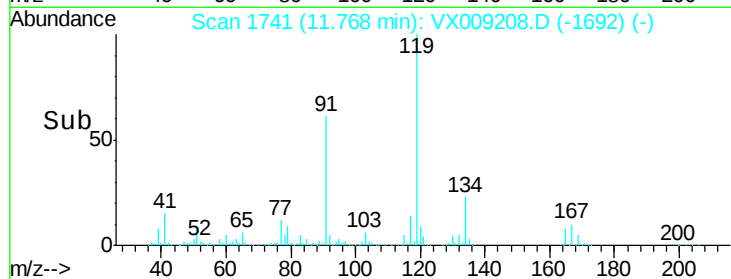
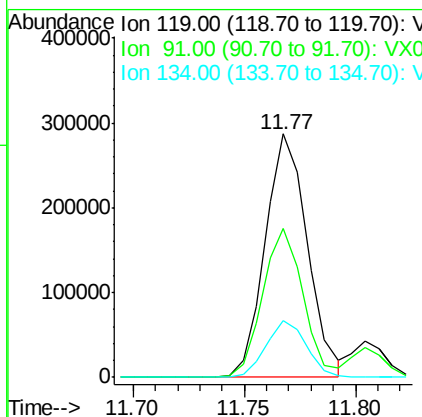
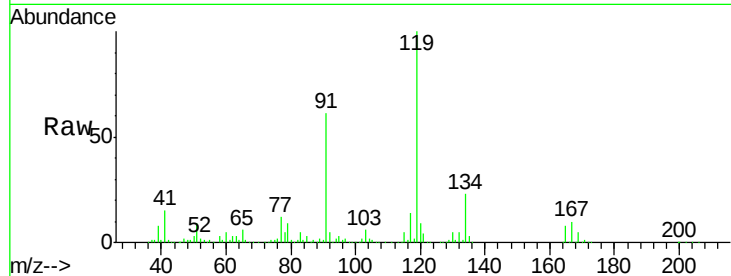
#83
 tert-Butylbenzene
 Concen: 46.691 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX009208.D
 Acq: 29 Apr 2019 15:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	378233		
91	58.7	29.5	88.5	
134	22.3	11.4	34.1	

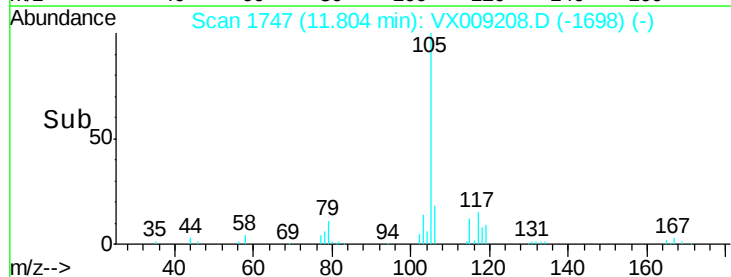
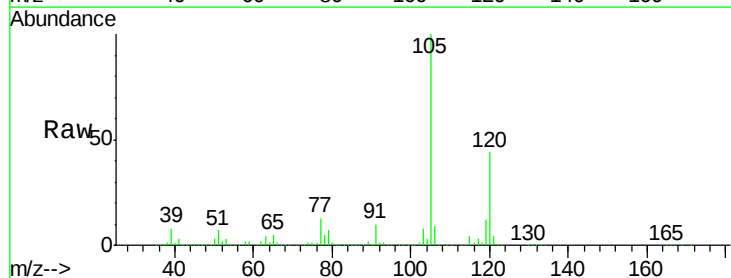
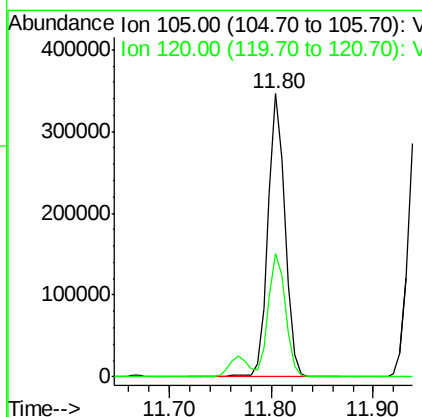
Manual Integrations
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#84
 1,2,4-Trimethylbenzene
 Concen: 47.876 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009208.D
 Acq: 29 Apr 2019 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	400179		
120	43.7	22.0	66.0	





#85

sec-Butylbenzene

Concen: 46.446 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 446071

Ion Ratio Lower Upper

105 100

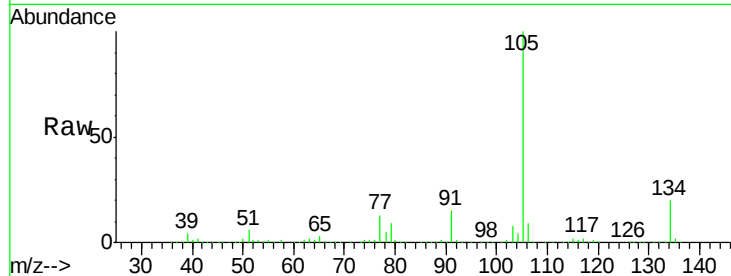
134 19.4 9.7 28.9

Manual Integrations

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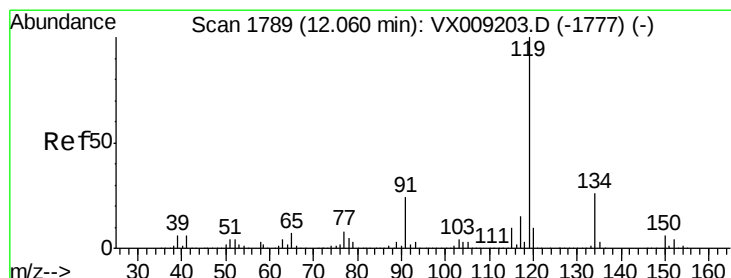
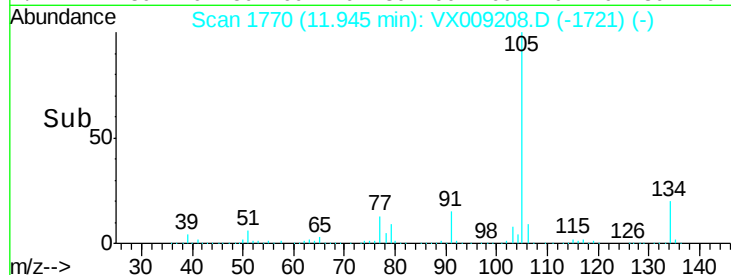
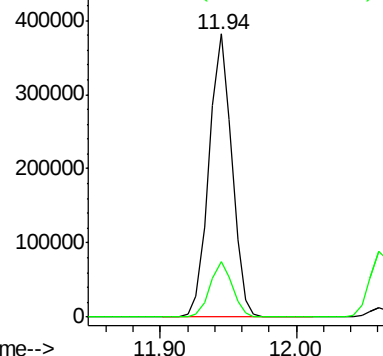
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.202 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

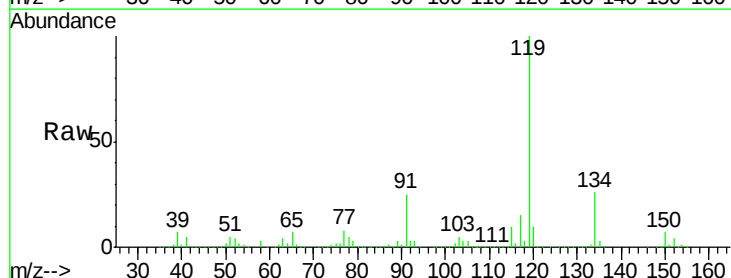
Tgt Ion:119 Resp: 407547

Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.7

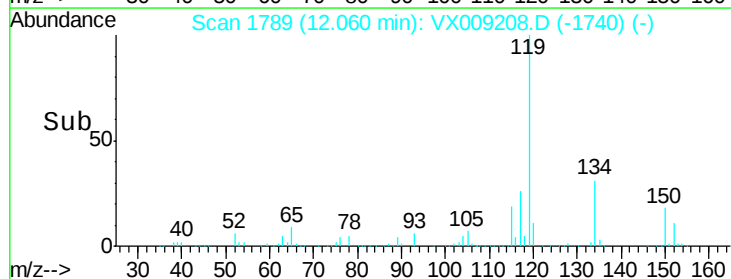
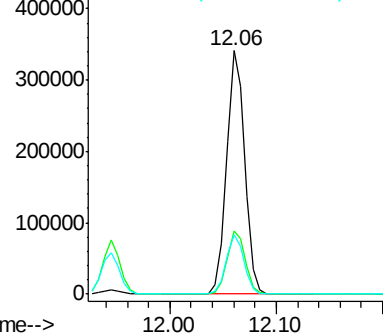
91 23.9 11.8 35.4

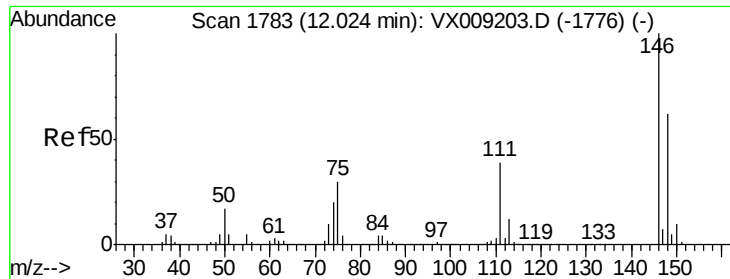


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





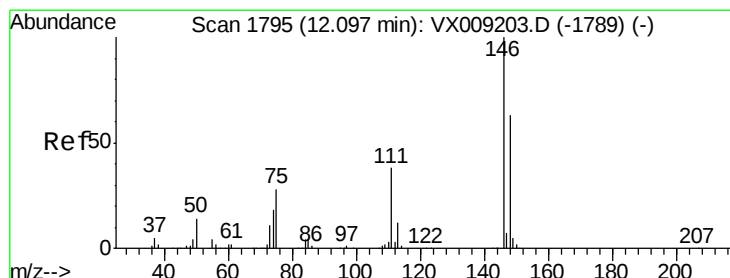
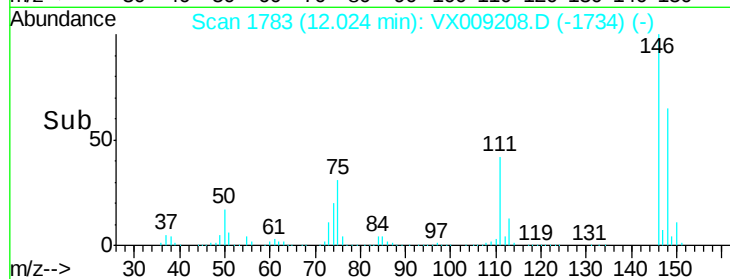
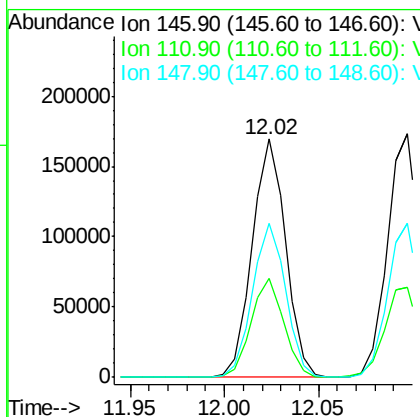
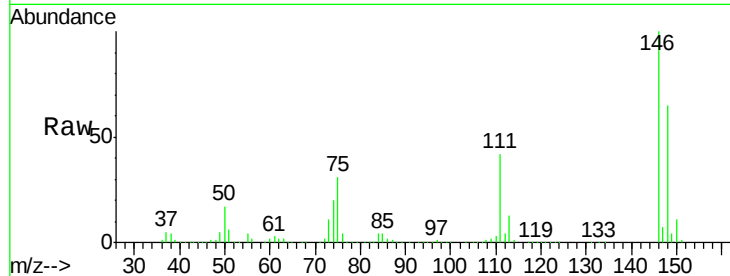
#87
 1,3-Dichlorobenzene
 Concen: 47.557 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009208.D
 Acq: 29 Apr 2019 15:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.0	59.9
148	64.3	31.8	95.3

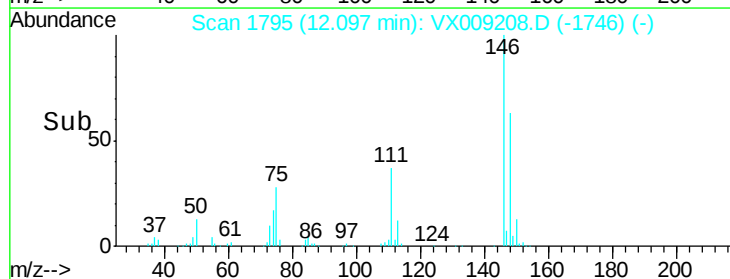
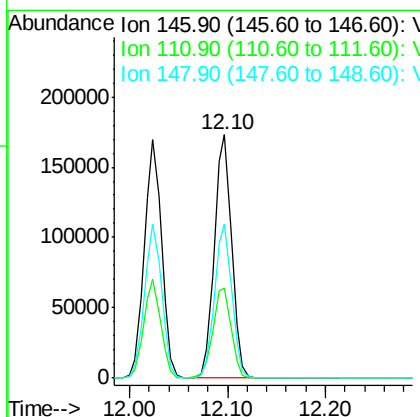
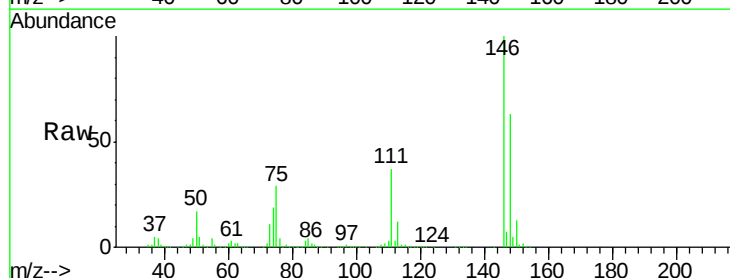
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#88
 1,4-Dichlorobenzene
 Concen: 48.190 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009208.D
 Acq: 29 Apr 2019 15:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.6	58.8
148	63.2	31.8	95.3





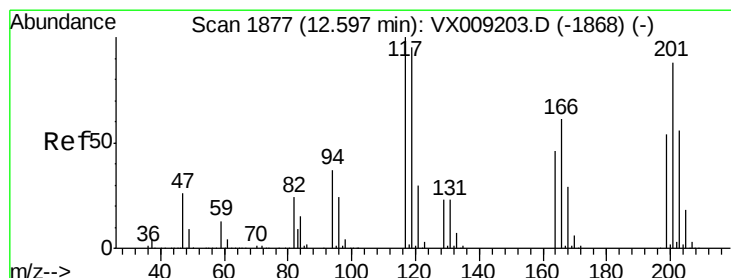
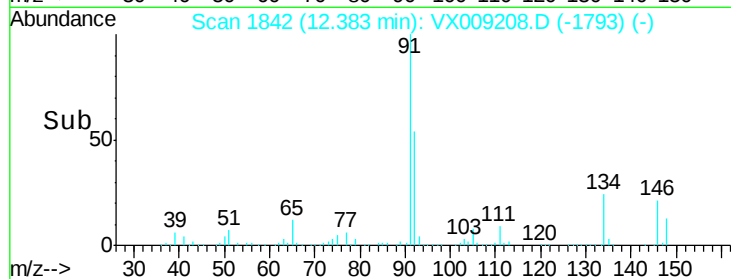
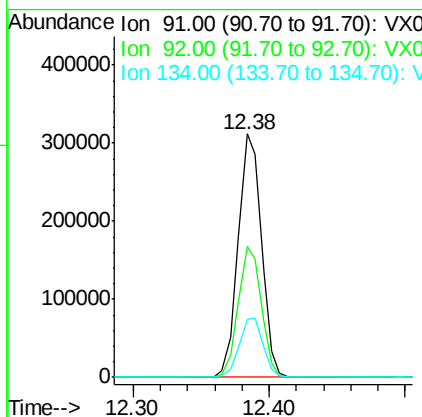
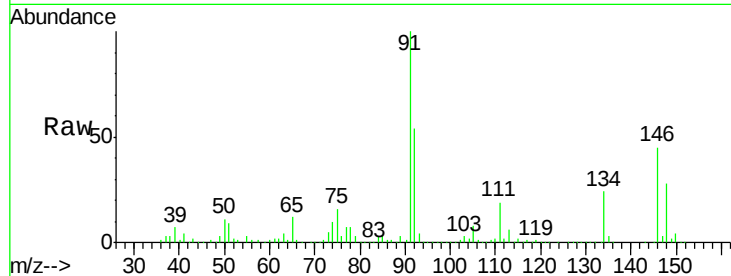
#89
n-Butylbenzene
Concen: 47.730 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		372477		
92	53.6	26.5	79.5		
134	24.8	12.4	37.2		

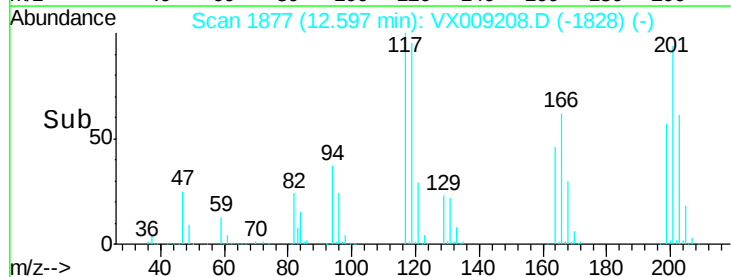
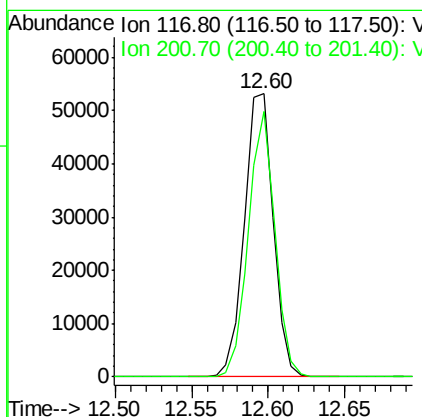
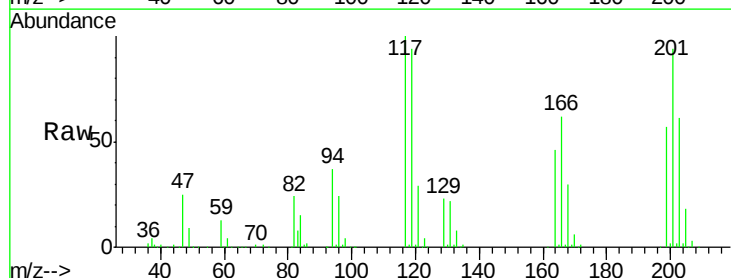
Manual Integrations
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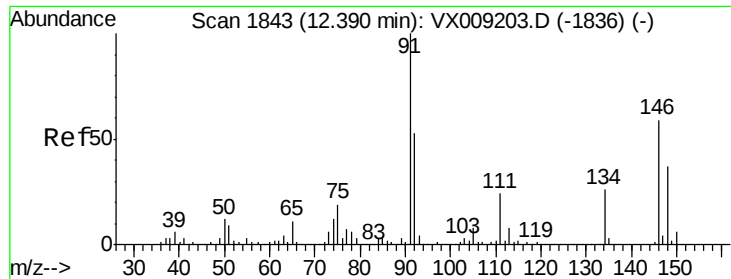
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#90
Hexachloroethane
Concen: 47.345 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009208.D
Acq: 29 Apr 2019 15:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		69643		
201	86.2	42.3	126.9		





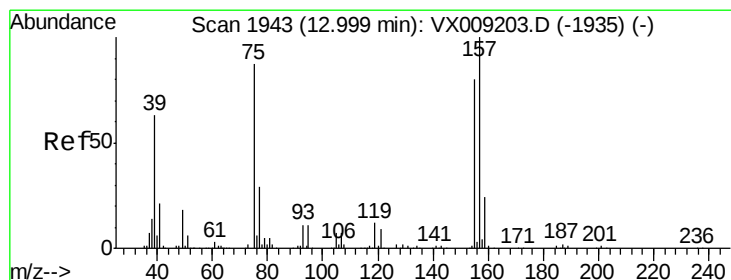
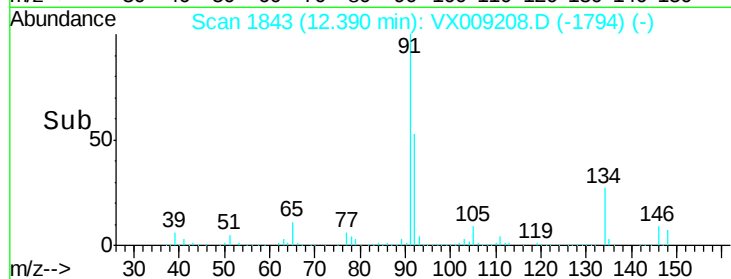
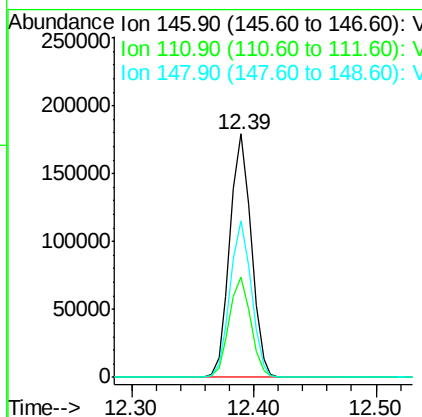
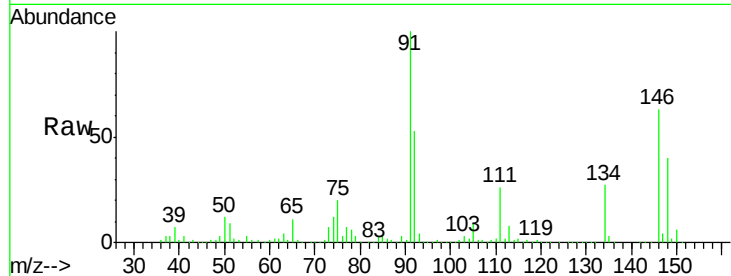
#91
 1,2-Dichlorobenzene
 Concen: 48.749 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009208.D
 Acq: 29 Apr 2019 15:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.8	62.4
148	63.8	31.9	95.9

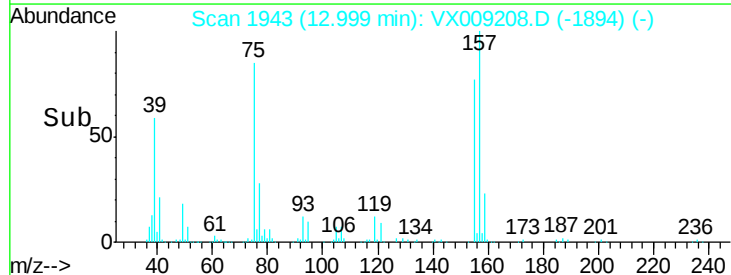
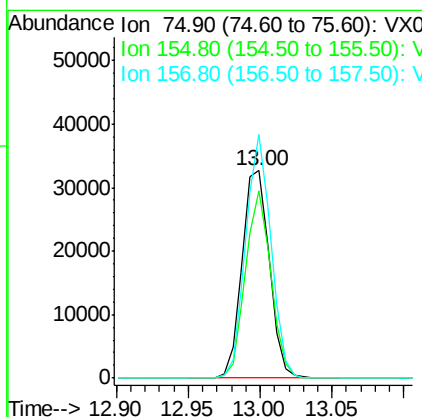
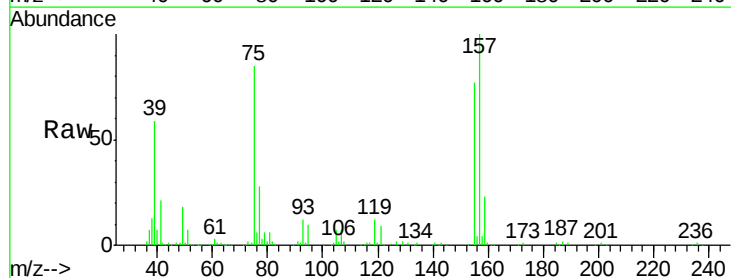
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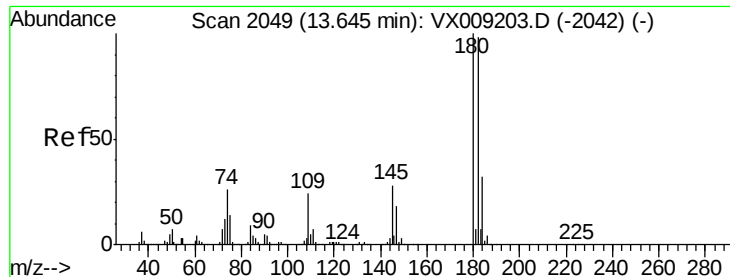
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.002 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009208.D
 Acq: 29 Apr 2019 15:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.6	42.0	126.0
157	108.1	53.2	159.6





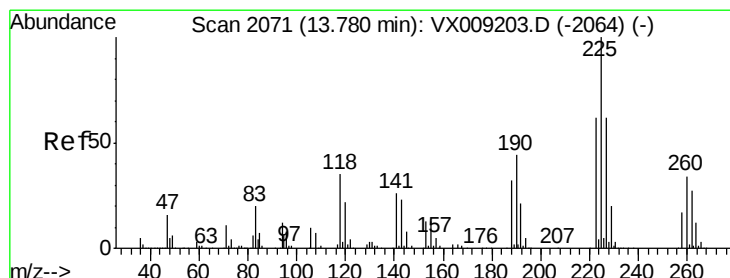
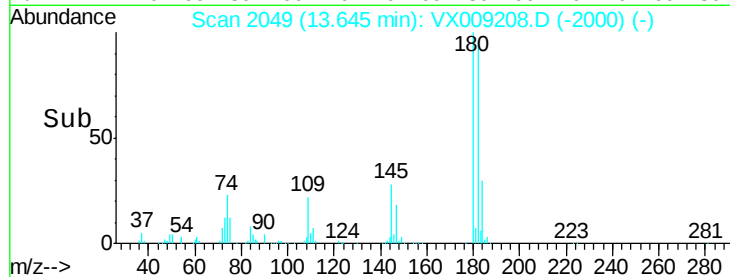
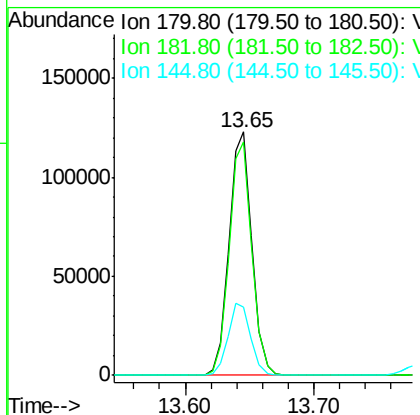
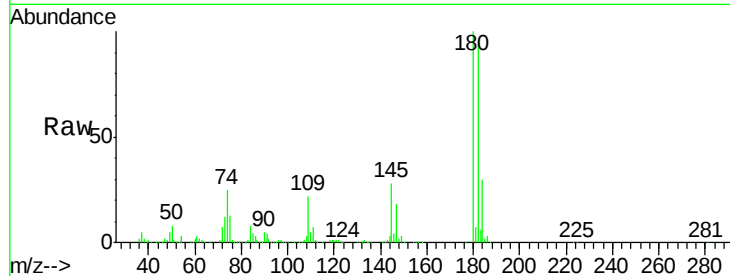
#93
 1,2,4-Trichlorobenzene
 Concen: 49.976 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009208.D
 Acq: 29 Apr 2019 15:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	152325		
182	95.4	48.4	145.2	
145	29.5	14.6	43.8	

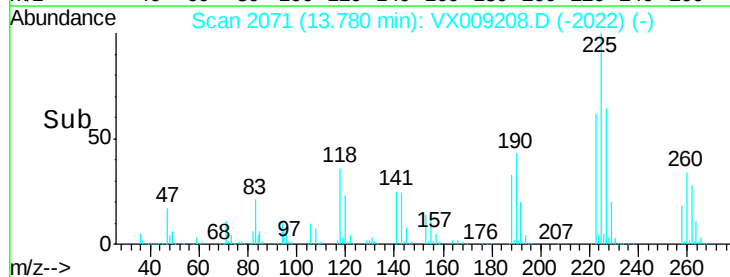
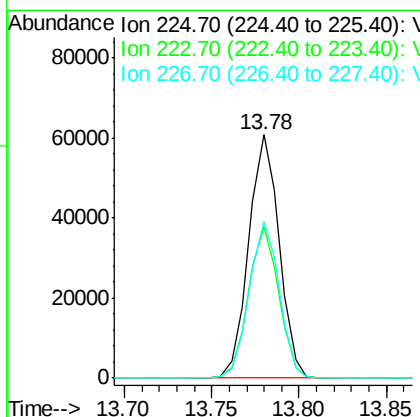
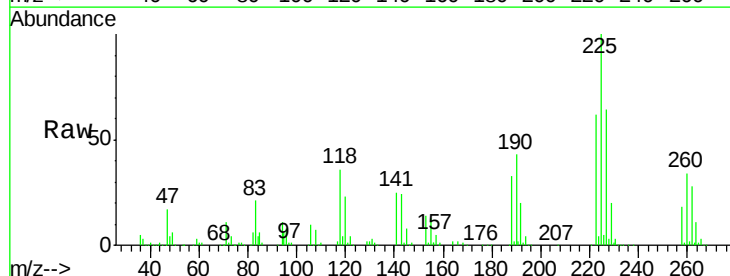
Manual Integrations
 APPROVED

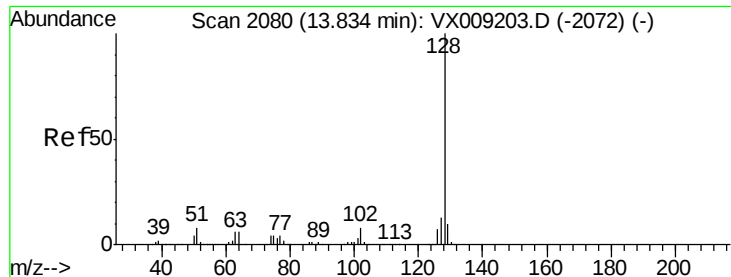
MMDadoda
 4/30/2019 11:03:47 AM



#94
 Hexachlorobutadiene
 Concen: 47.055 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009208.D
 Acq: 29 Apr 2019 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	73239		
223	61.9	31.3	93.8	
227	63.9	31.8	95.3	





#95

Naphthalene

Concen: 51.534 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Instrument :

MSVOA_X

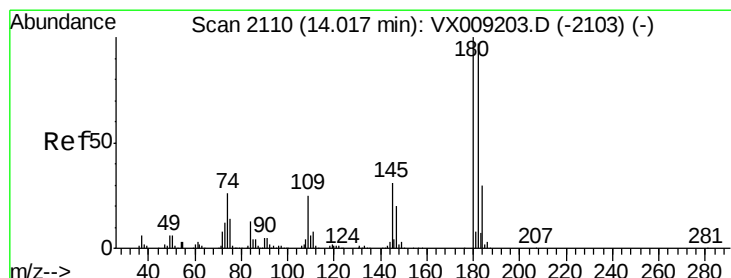
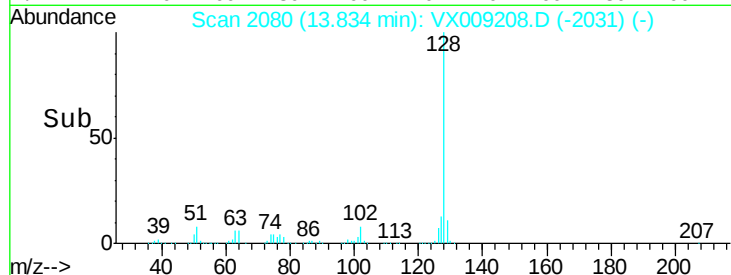
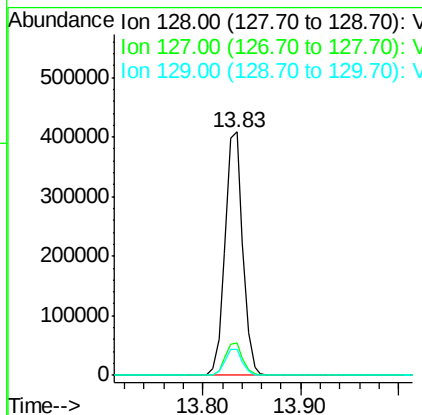
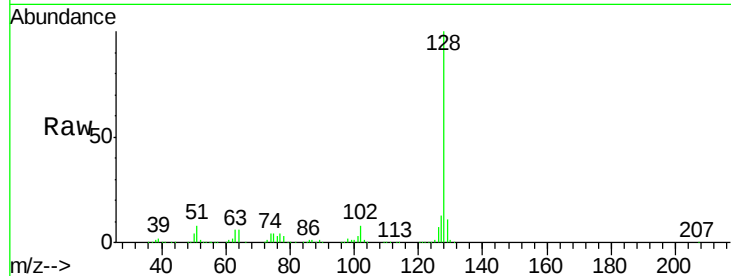
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	511022
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
4/30/2019 11:03:47 AM



#96

1,2,3-Trichlorobenzene

Concen: 49.329 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX009208.D

Acq: 29 Apr 2019 15:25

Tgt Ion:	180	Resp:	152408
Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.8	143.4
145	31.5	15.4	46.4

