

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050819\
 Data File : VX009390.D
 Acq On : 08 May 2019 11:35
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/9/2019 9:49:15 AM

Quant Time: May 09 06:37:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 03:31:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	173264	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	268597	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	244442	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	126626	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	104732	44.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.56%	
35) Dibromofluoromethane	5.49	113	79092	46.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.68%	
50) Toluene-d8	8.71	98	321095	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	
62) 4-Bromofluorobenzene	11.13	95	119212	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	78891	49.410	ug/l	99
3) Chloromethane	1.32	50	110346	50.621	ug/l	99
4) Vinyl Chloride	1.41	62	111377	52.397	ug/l	99
5) Bromomethane	1.64	94	60731	47.601	ug/l	96
6) Chloroethane	1.71	64	71477	52.374	ug/l	98
7) Trichlorofluoromethane	1.92	101	139587	54.024	ug/l	97
8) Diethyl Ether	2.18	74	63697	52.044	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	87219	53.754	ug/l	99
10) Methyl Iodide	2.51	142	73076	39.795	ug/l	99
11) Tert butyl alcohol	3.05	59	144719	264.327	ug/l	99
12) 1,1-Dichloroethene	2.37	96	86636	53.291	ug/l	99
13) Acrolein	2.29	56	115866	233.679	ug/l	100
14) Allyl chloride	2.72	41	203751	51.428	ug/l	100
15) Acrylonitrile	3.14	53	341481	255.088	ug/l	100
16) Acetone	2.45	43	355384	279.818	ug/l	100
17) Carbon Disulfide	2.56	76	258859	56.714	ug/l	100
18) Methyl Acetate	2.77	43	141765	46.935	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	326659	51.743	ug/l	99
20) Methylene Chloride	2.85	84	103664	50.411	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	95227	54.011	ug/l	99
22) Diisopropyl ether	3.85	45	392219	51.478	ug/l	98
23) Vinyl Acetate	3.81	43	1777975	272.513	ug/l	100
24) 1,1-Dichloroethane	3.70	63	191756	51.018	ug/l	99
25) 2-Butanone	4.67	43	530336	268.712	ug/l	100
26) 2,2-Dichloropropane	4.58	77	148924	53.231	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	108842	51.720	ug/l	100
28) Bromochloromethane	5.01	49	61512	40.113	ug/l	100
29) Tetrahydrofuran	5.12	42	333164	262.330	ug/l	100
30) Chloroform	5.21	83	176093	51.801	ug/l	97
31) Cyclohexane	5.57	56	193310	55.280	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	148366	52.428	ug/l	99
36) 1,1-Dichloropropene	5.79	75	138885	55.641	ug/l	100
37) Ethyl Acetate	4.83	43	192902	55.466	ug/l	100
38) Carbon Tetrachloride	5.78	117	126646	55.843	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	181699	59.273	ug/l	98
40) Benzene	6.14	78	421550	54.569	ug/l	100
41) Methacrylonitrile	5.04	41	105777	51.094	ug/l	98
42) 1,2-Dichloroethane	6.19	62	148913	53.738	ug/l	100
43) Isopropyl Acetate	6.44	43	304716	54.776	ug/l	100
44) Trichloroethene	7.21	130	102016	54.626	ug/l	100
45) 1,2-Dichloropropane	7.51	63	119192	54.490	ug/l	97
46) Dibromomethane	7.66	93	68292	53.763	ug/l	100
47) Bromodichloromethane	7.90	83	139035	54.872	ug/l	97
48) Methyl methacrylate	7.77	41	153806	55.728	ug/l	99
49) 1,4-Dioxane	7.74	88	59838	1069.094	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	992833	273.052	ug/l	100
52) Toluene	8.78	92	257297	54.793	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	164005	57.330	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	179182	56.589	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	102669	53.592	ug/l	98
56) Ethyl methacrylate	9.18	69	189075	55.289	ug/l	99
57) 1,3-Dichloropropane	9.37	76	180511	53.544	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	490259	270.239	ug/l	99
59) 2-Hexanone	9.49	43	806396	282.379	ug/l	99
60) Dibromochloromethane	9.58	129	105441	56.352	ug/l	100
61) 1,2-Dibromoethane	9.67	107	105732	54.675	ug/l	100
64) Tetrachloroethene	9.34	164	92092	54.922	ug/l	98
65) Chlorobenzene	10.13	112	266381	54.475	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	95715	53.991	ug/l	99
67) Ethyl Benzene	10.25	91	497747	55.309	ug/l	99
68) m/p-Xylenes	10.36	106	367722	111.816	ug/l	97
69) o-Xylene	10.69	106	179121	55.203	ug/l	100
70) Styrene	10.71	104	316946	56.200	ug/l	99
71) Bromoform	10.85	173	81217	56.374	ug/l #	100
73) Isopropylbenzene	11.02	105	484850	52.655	ug/l	99
74) N-amyl acetate	10.90	43	284479	52.991	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	173864	50.650	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	150553m	51.256	ug/l	
77) Bromobenzene	11.26	156	118406	51.808	ug/l	99
78) n-propylbenzene	11.36	91	564015	53.633	ug/l	99
79) 2-Chlorotoluene	11.42	91	333497	51.403	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	414356	53.443	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	61639	53.693	ug/l	100
82) 4-Chlorotoluene	11.51	91	384894	52.513	ug/l	99
83) tert-Butylbenzene	11.77	119	394193	52.264	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	415455	53.385	ug/l	100
85) sec-Butylbenzene	11.94	105	475536	53.180	ug/l	99
86) p-Isopropyltoluene	12.06	119	437675	54.445	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	215601	52.917	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	216568	52.723	ug/l	99
89) n-Butylbenzene	12.38	91	412553	56.781	ug/l	99
90) Hexachloroethane	12.60	117	72993	53.297	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	215453	51.918	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	40618	52.748	ug/l	100

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VSTDCCC050

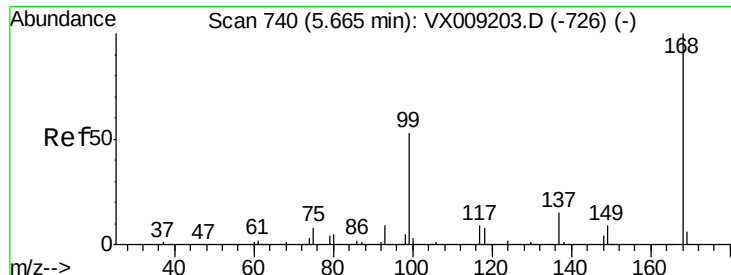
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	159475	56.197	ug/l	99
94) Hexachlorobutadiene	13.78	225	80537	55.575	ug/l	98
95) Naphthalene	13.83	128	497867	53.925	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	157639	54.801	ug/l	100

(#) = 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: VX009390.D

Acq: 08 May 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 173264

Ion Ratio Lower Upper

168 100

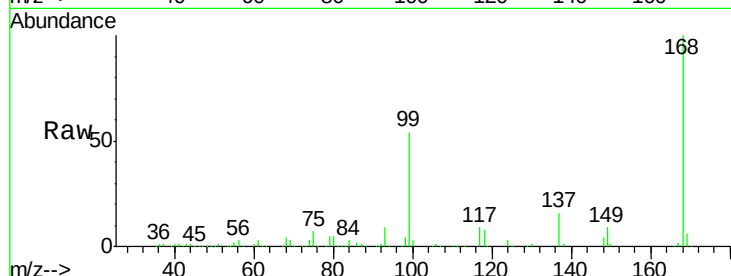
99 53.6 42.3 63.5

Manual Integrations

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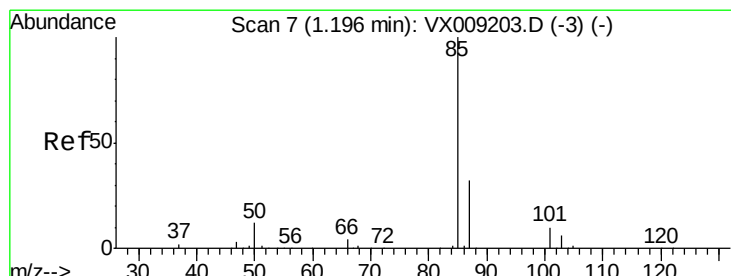
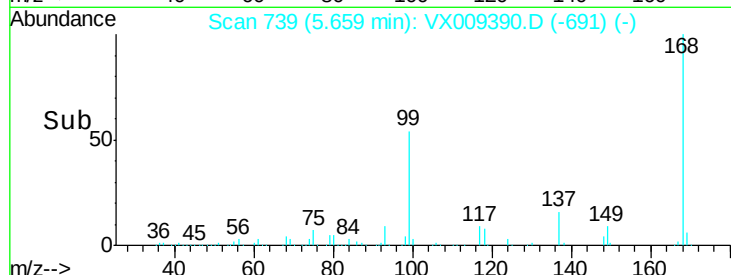
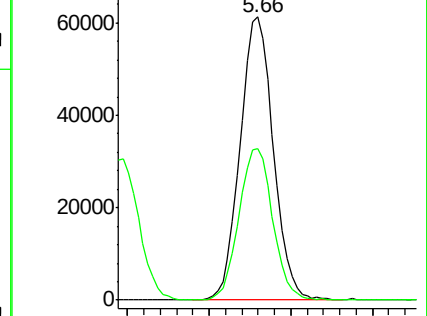
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.410 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX009390.D

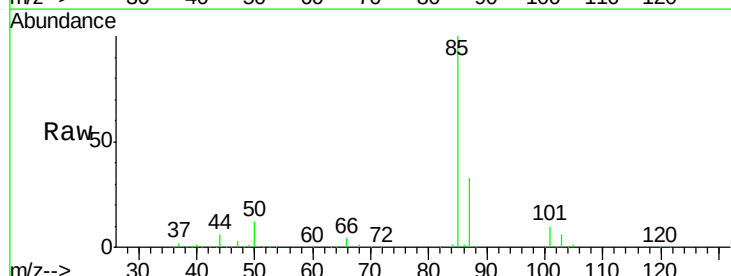
Acq: 08 May 2019 11:35

Tgt Ion: 85 Resp: 78891

Ion Ratio Lower Upper

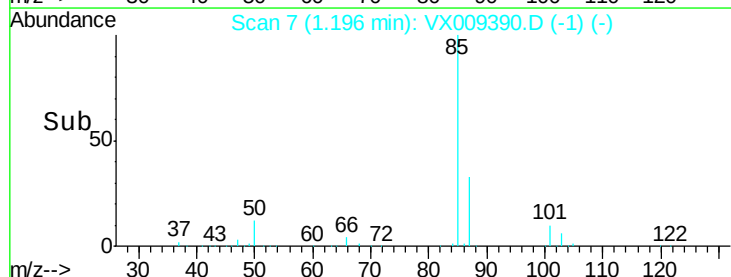
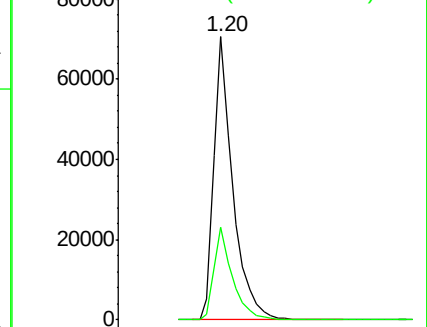
85 100

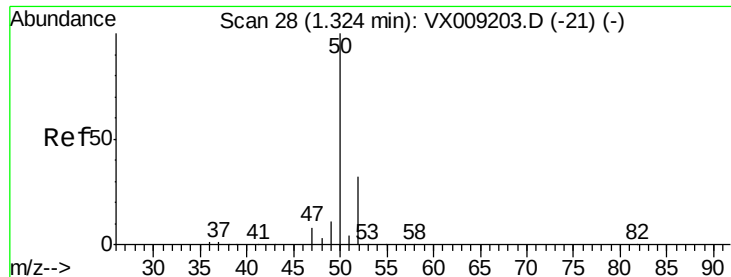
87 32.6 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 50.621 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 50 Resp: 110346

Ion Ratio Lower Upper

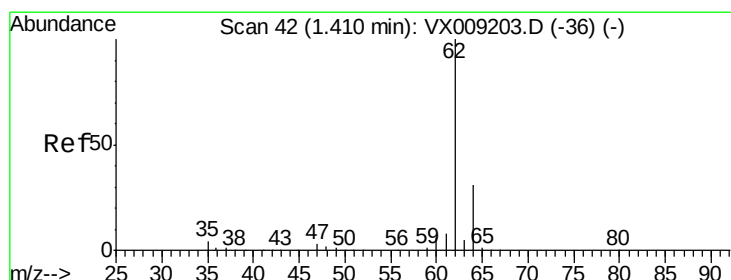
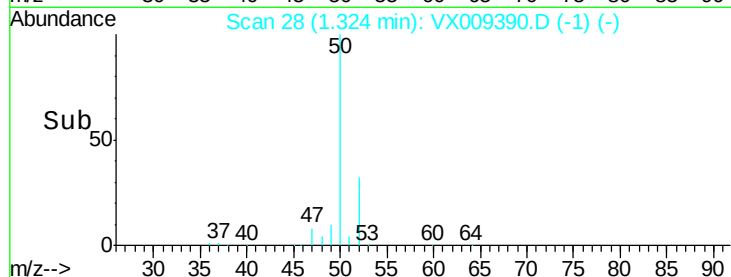
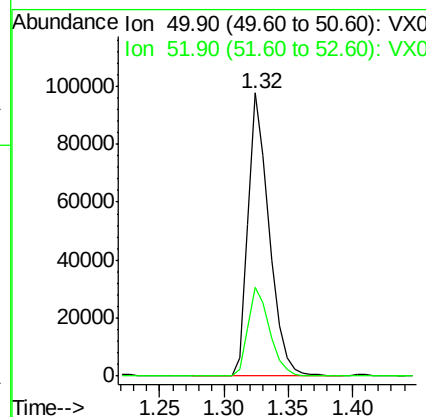
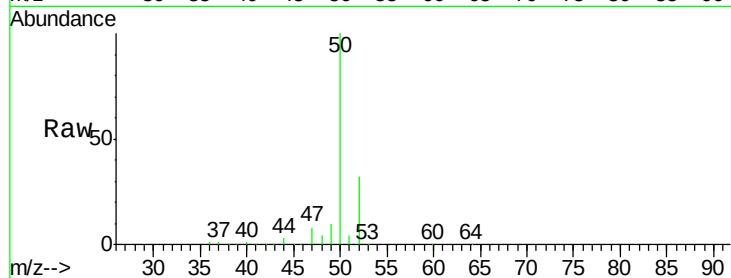
50 100

52 31.6 25.9 38.9

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#4

Vinyl Chloride

Concen: 52.397 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009390.D

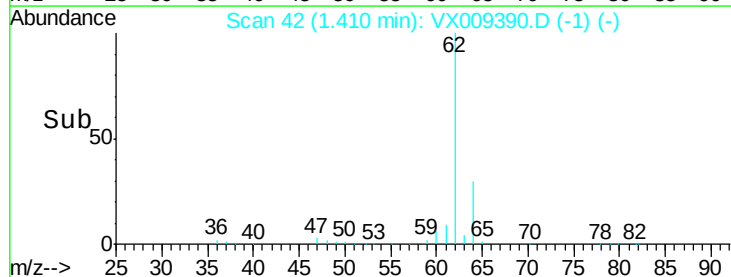
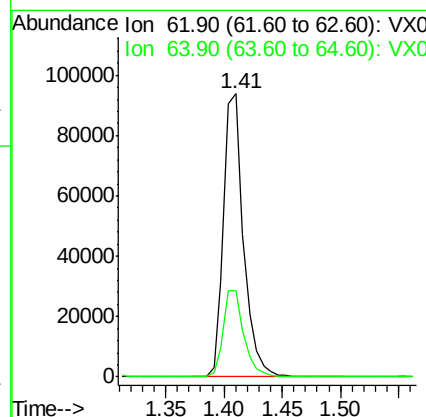
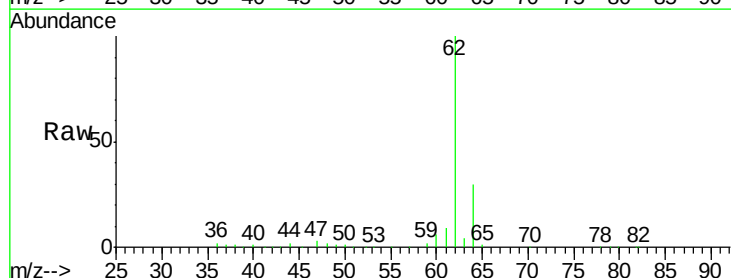
Acq: 08 May 2019 11:35

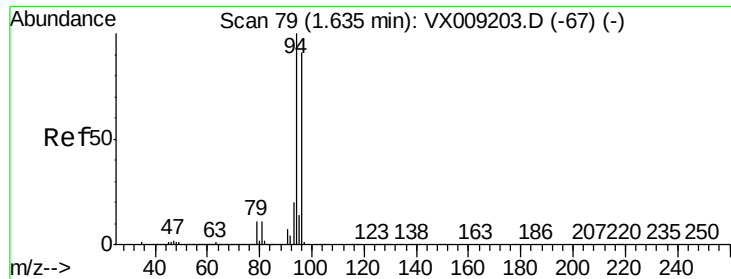
Tgt Ion: 62 Resp: 111377

Ion Ratio Lower Upper

62 100

64 30.2 24.6 36.8





#5

Bromomethane

Concen: 47.601 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 60731

Ion Ratio Lower Upper

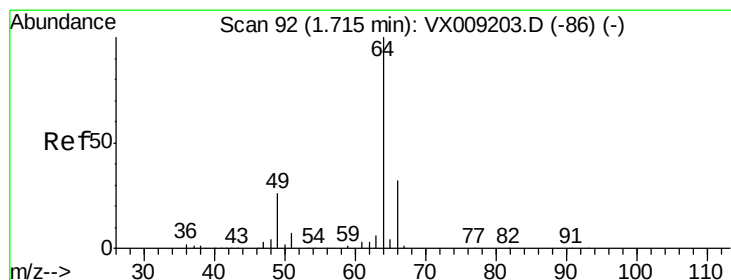
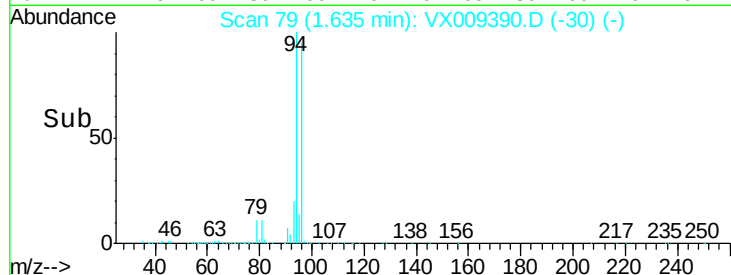
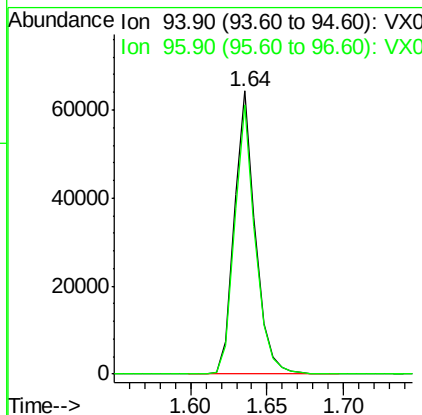
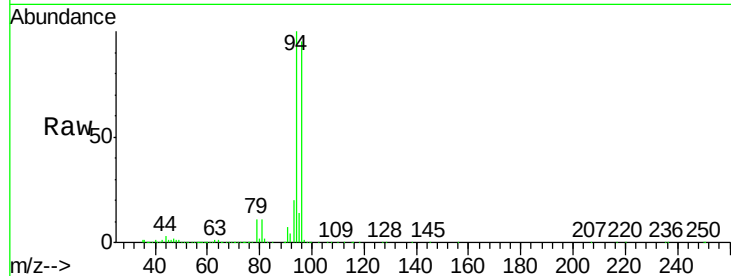
94 100

96 95.1 73.0 109.6

Manual Integrations
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5/9/2019 9:49:15 AM



#6

Chloroethane

Concen: 52.374 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX009390.D

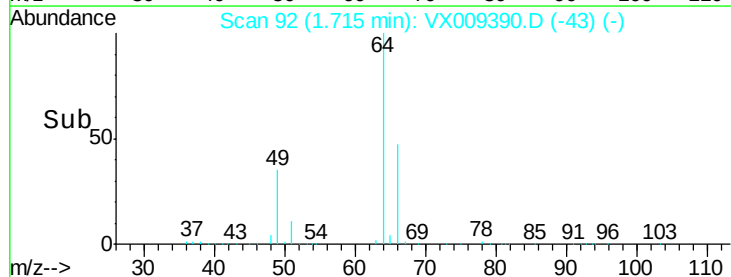
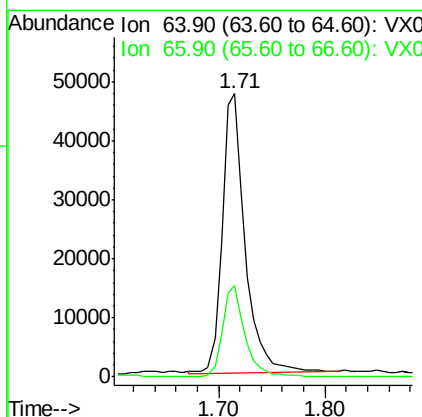
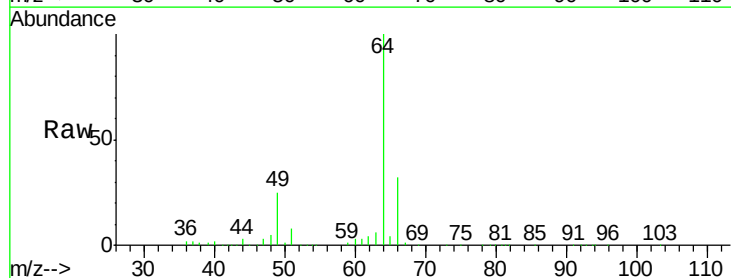
Acq: 08 May 2019 11:35

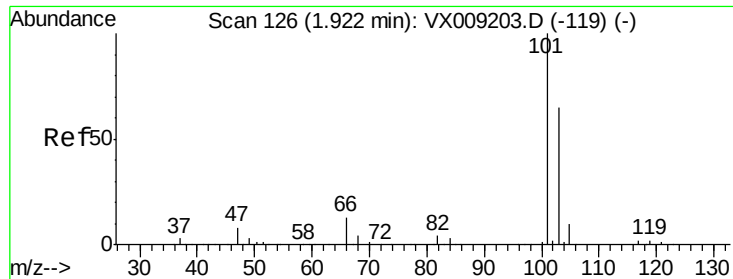
Tgt Ion: 64 Resp: 71477

Ion Ratio Lower Upper

64 100

66 32.5 25.3 37.9





#7

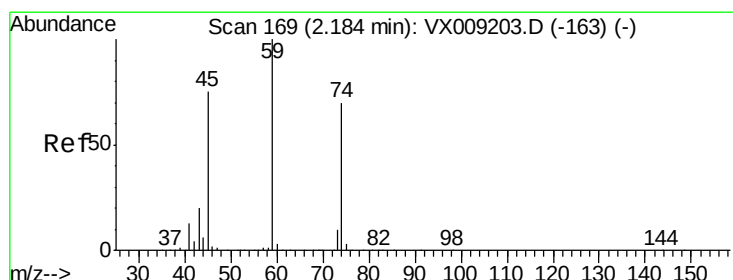
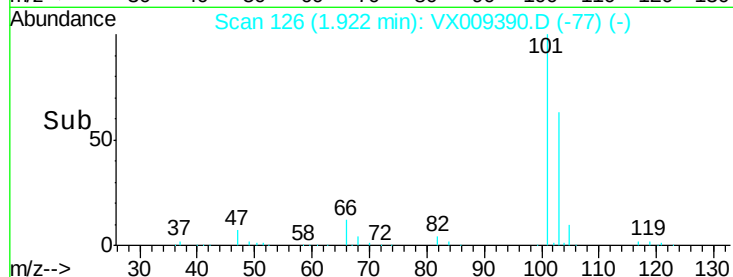
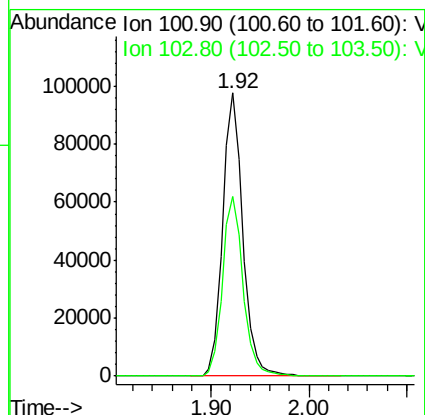
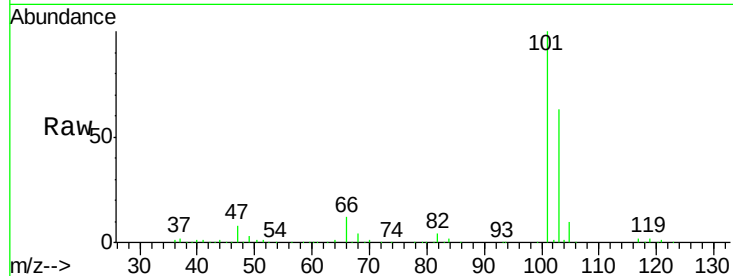
Trichlorofluoromethane
Concen: 54.024 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:101 Resp: 139587
Ion Ratio Lower Upper
101 100
103 63.3 52.4 78.6

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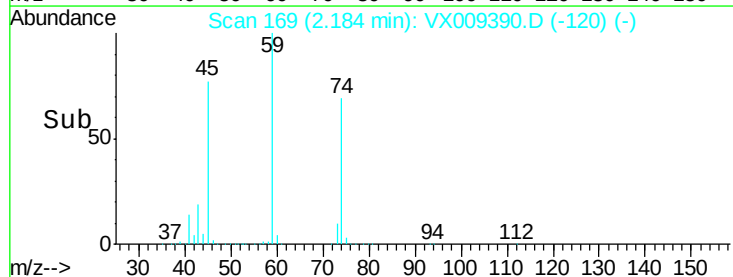
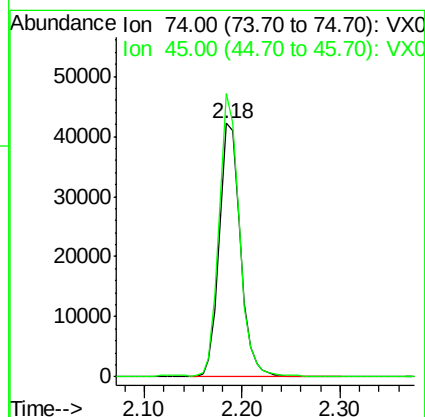
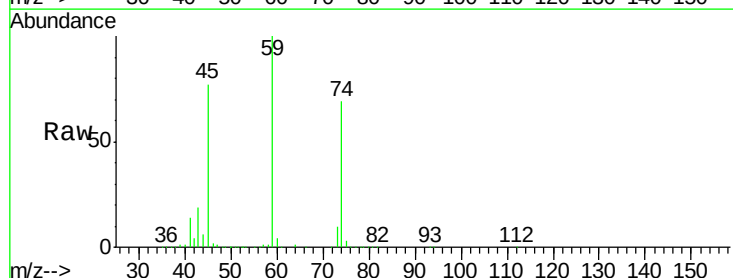
MMDadoda
5/9/2019 9:49:15 AM

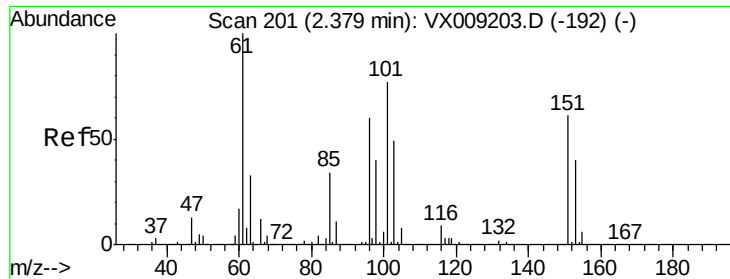


#8

Diethyl Ether
Concen: 52.044 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

Tgt Ion: 74 Resp: 63697
Ion Ratio Lower Upper
74 100
45 106.2 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.754 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Instrument :

MSVOA_X

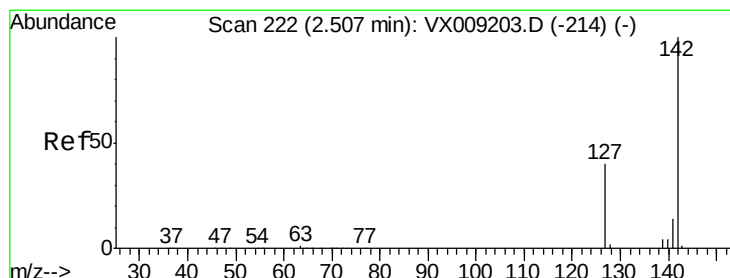
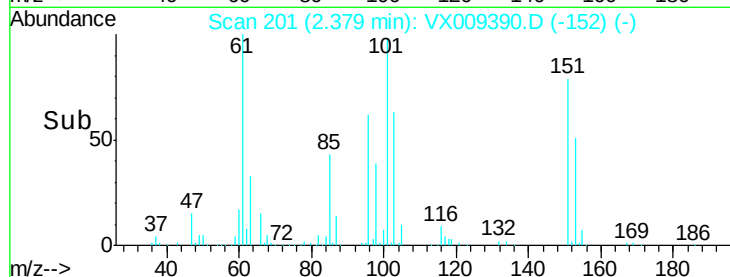
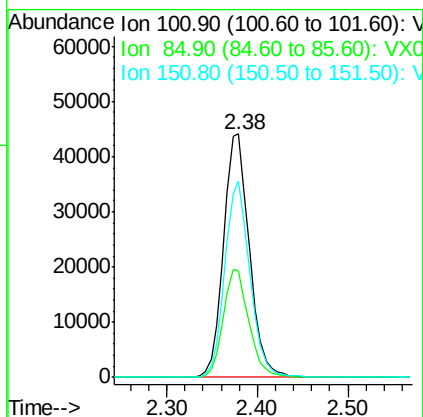
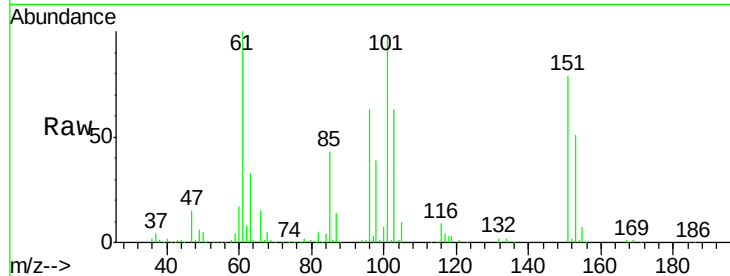
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	87219
Ion Ratio	Lower	Upper	
101	100		
85	44.1	35.7	53.5
151	78.6	62.2	93.2

Manual Integrations
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5/9/2019 9:49:15 AM



#10

Methyl Iodide

Concen: 39.795 ug/l

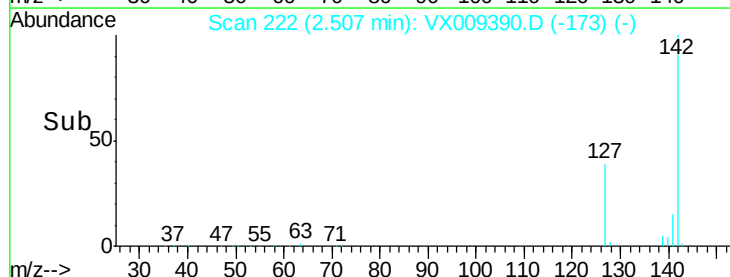
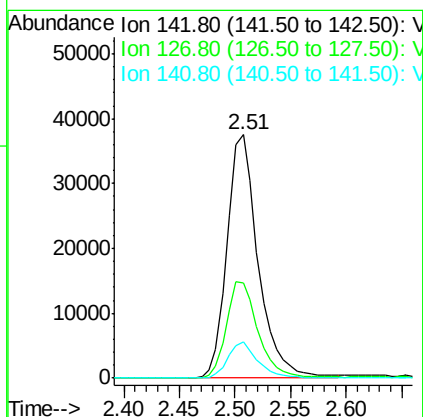
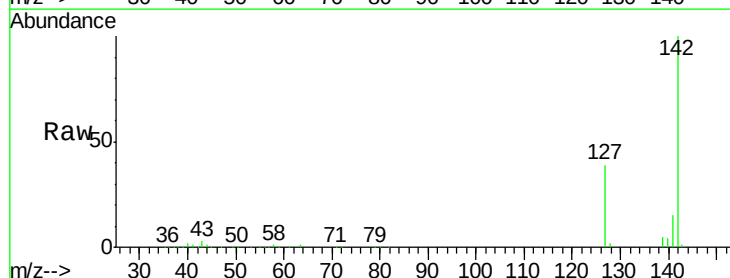
RT: 2.51 min Scan# 222

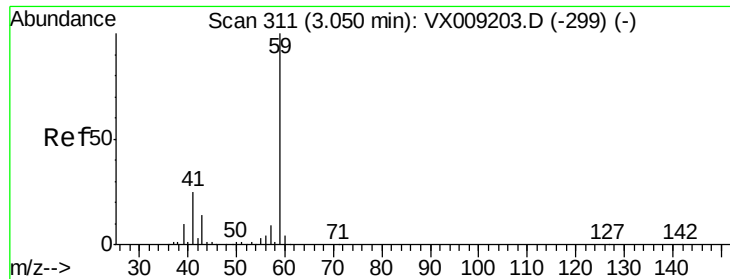
Delta R.T. 0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Tgt Ion:	142	Resp:	73076
Ion Ratio	Lower	Upper	
142	100		
127	40.5	32.7	49.1
141	14.2	11.5	17.3





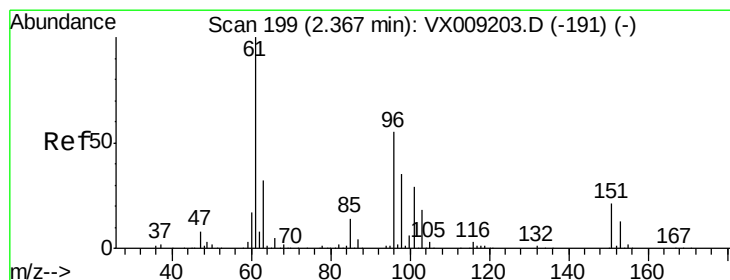
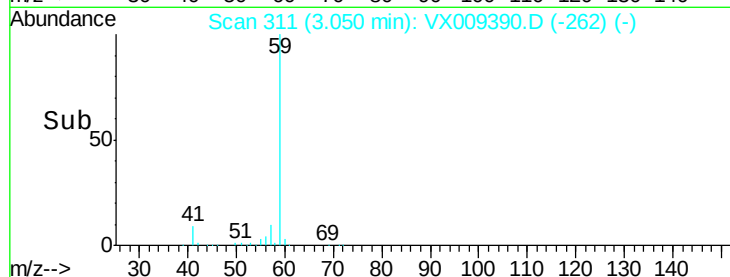
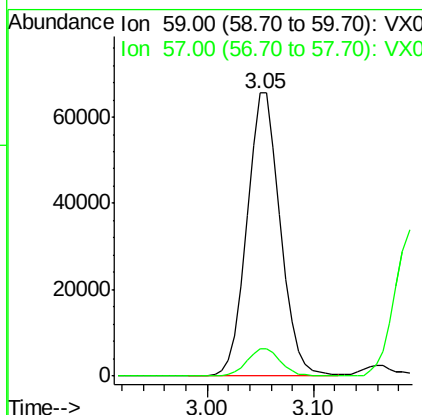
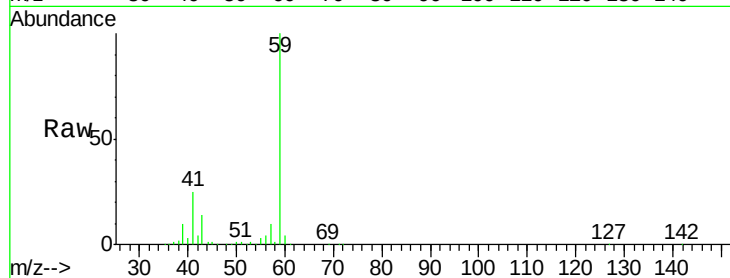
#11
Tert butyl alcohol
Concen: 264.327 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.2	12.2

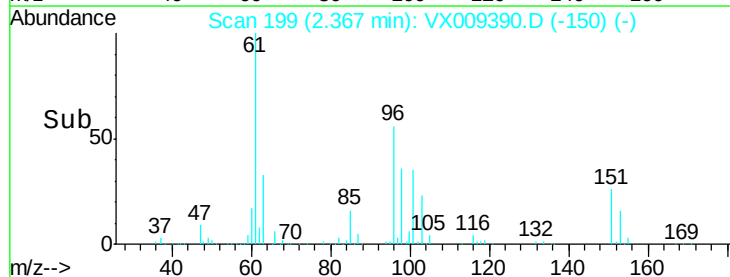
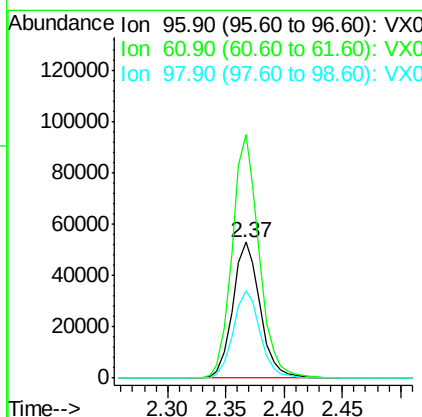
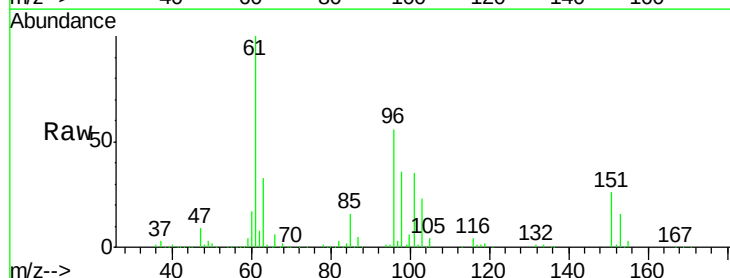
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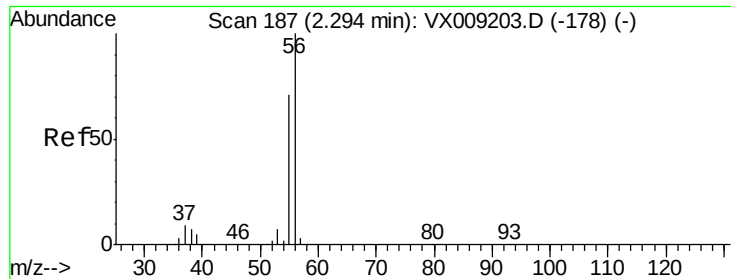
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#12
1,1-Dichloroethene
Concen: 53.291 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

Tgt Ion	Ratio	Lower	Upper
96	100		
61	179.2	144.3	216.5
98	64.3	50.3	75.5





#13

Acrolein

Concen: 233.679 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 115866

Ion Ratio Lower Upper

56 100

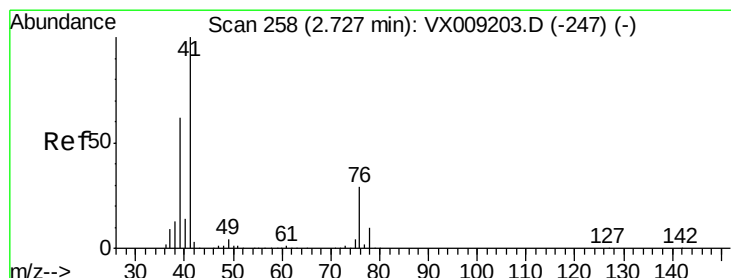
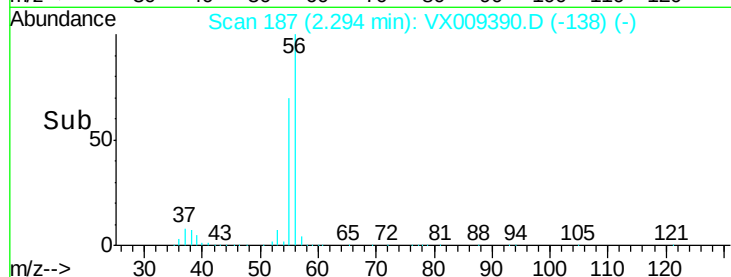
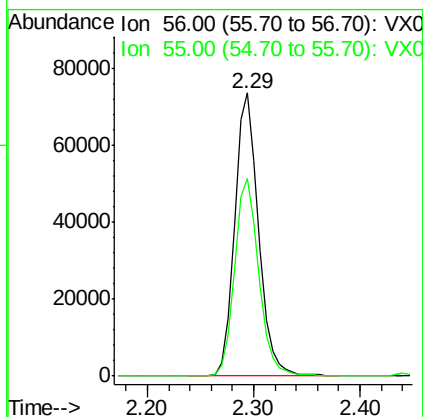
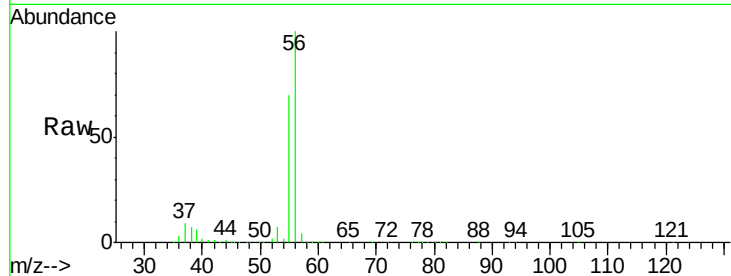
55 70.7 56.6 85.0

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#14

Allyl chloride

Concen: 51.428 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

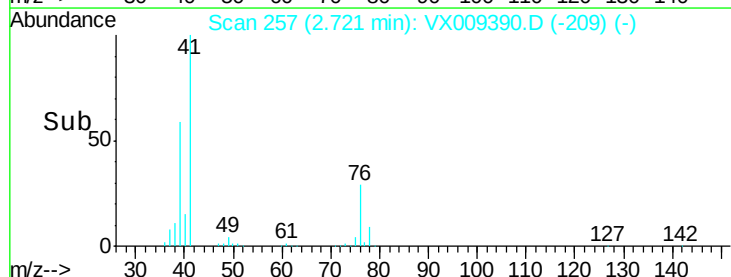
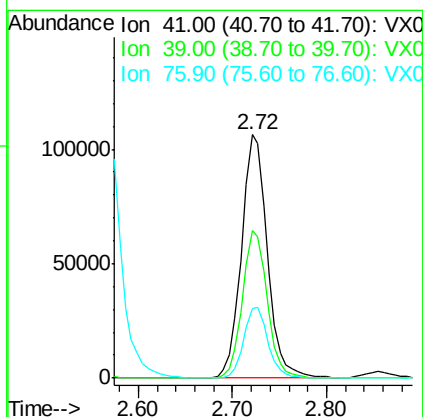
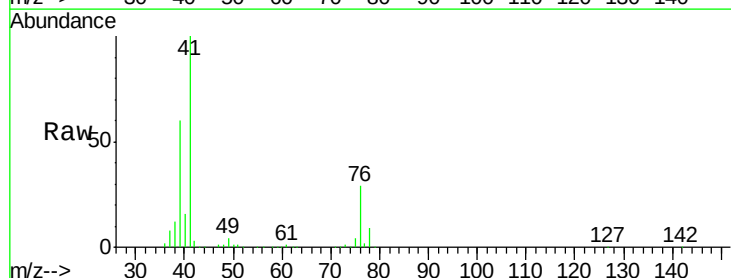
Tgt Ion: 41 Resp: 203751

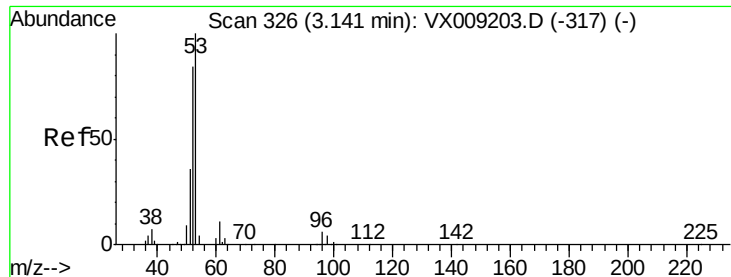
Ion Ratio Lower Upper

41 100

39 58.5 46.7 70.1

76 27.7 21.8 32.8





#15

Acrylonitrile

Concen: 255.088 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Instrument :

MSVOA_X

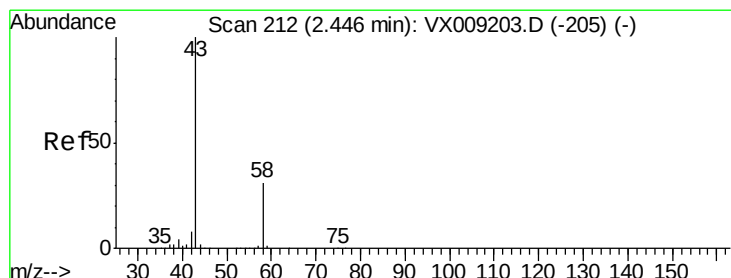
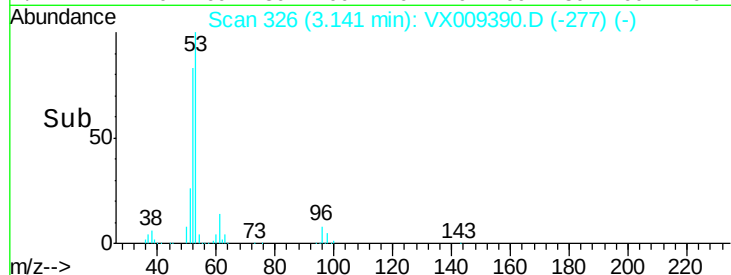
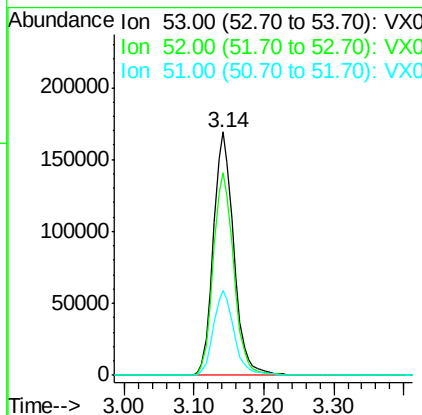
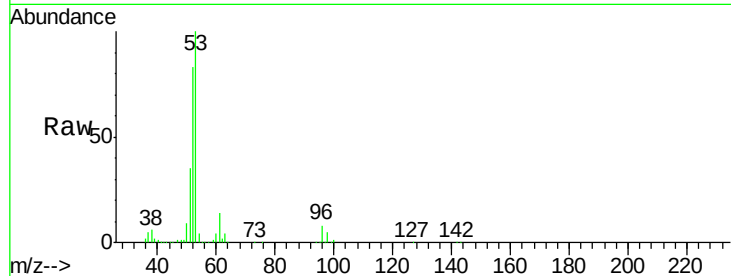
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	341481
Ion	Ratio	Lower	Upper
53	100		
52	83.7	66.9	100.3
51	35.4	28.2	42.2

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#16

Acetone

Concen: 279.818 ug/l

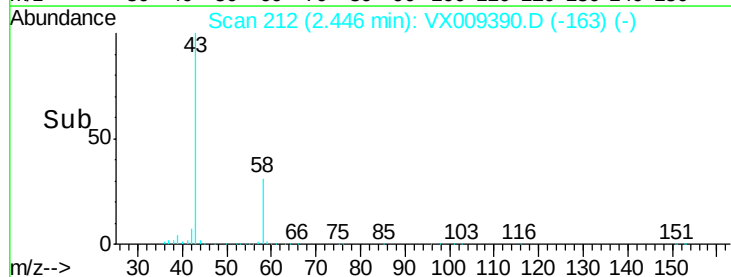
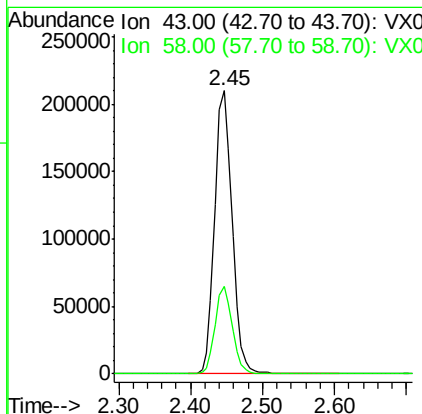
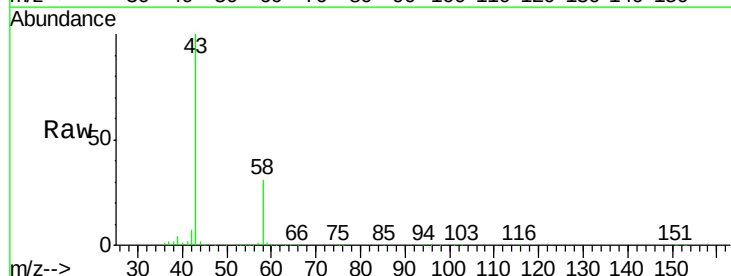
RT: 2.45 min Scan# 212

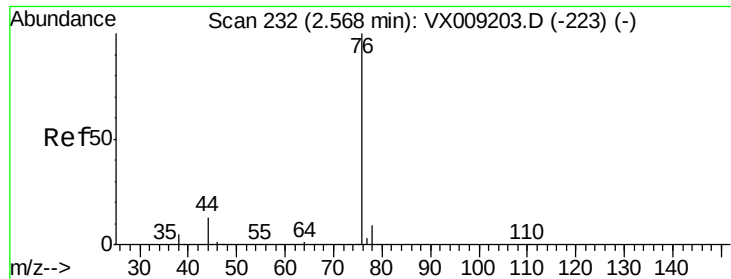
Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Tgt Ion:	43	Resp:	355384
Ion	Ratio	Lower	Upper
43	100		
58	30.8	24.9	37.3





#17

Carbon Disulfide

Concen: 56.714 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 258859

Ion Ratio Lower Upper

76 100

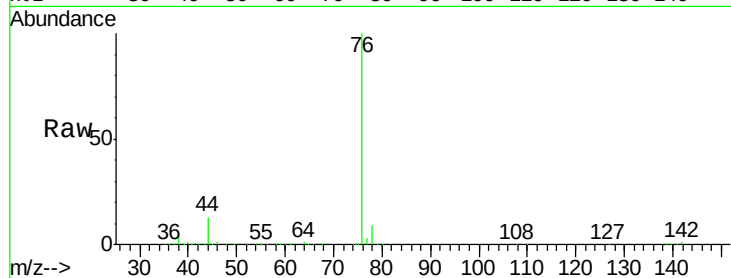
78 9.2 7.4 11.0

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

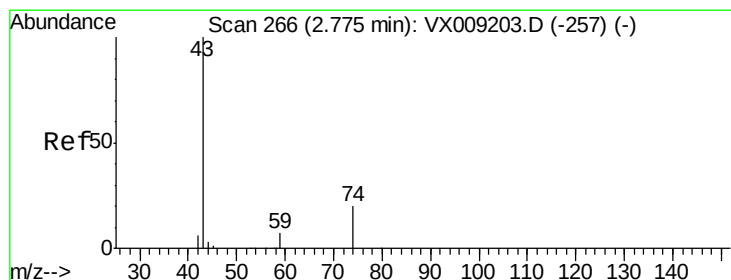
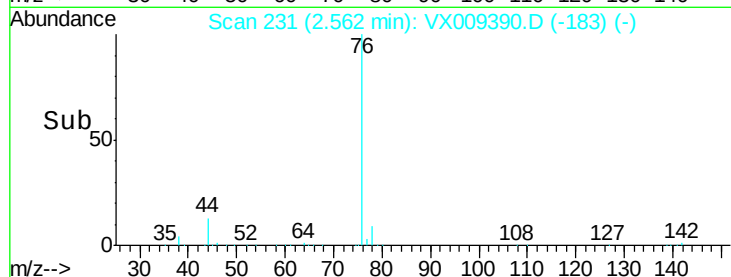
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 46.935 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX009390.D

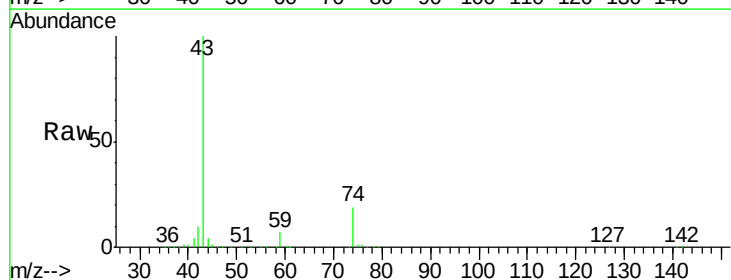
Acq: 08 May 2019 11:35

Tgt Ion: 43 Resp: 141765

Ion Ratio Lower Upper

43 100

74 20.6 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

80000

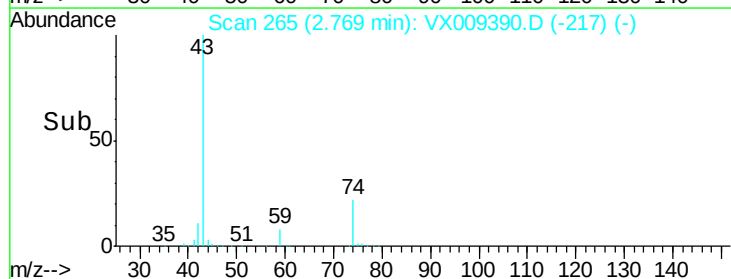
60000

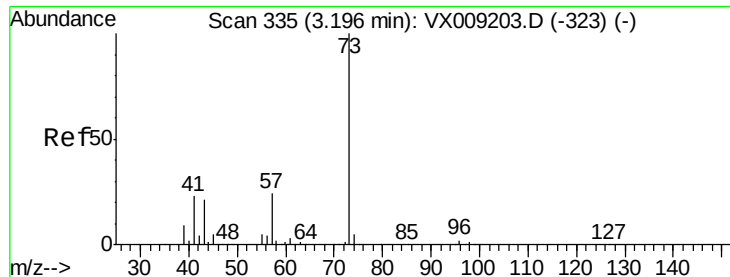
40000

20000

0

Time-->





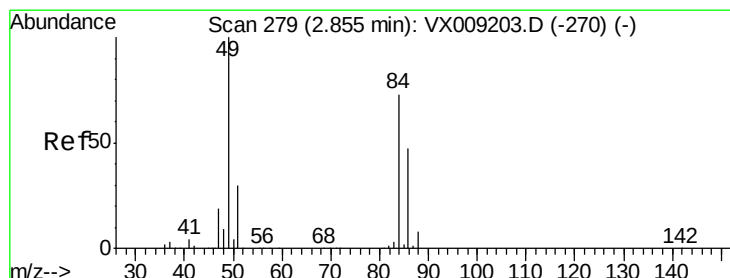
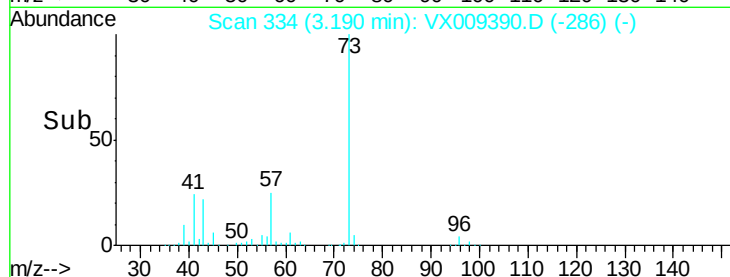
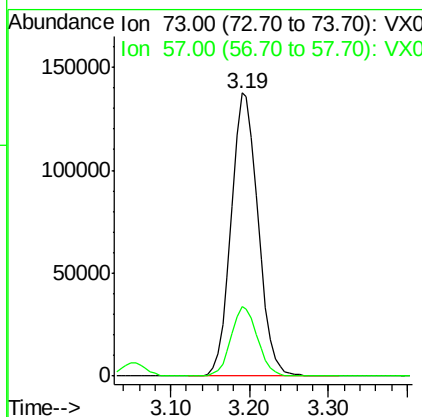
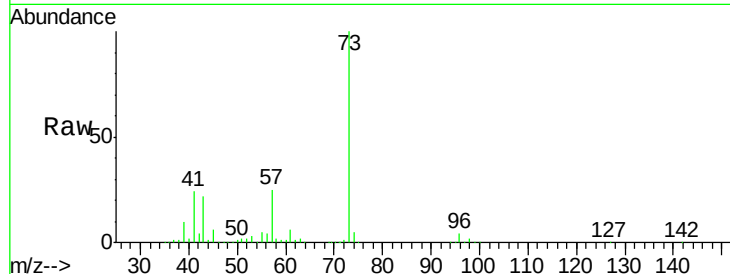
#19
Methyl tert-butyl Ether
Concen: 51.743 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.6	19.3	28.9

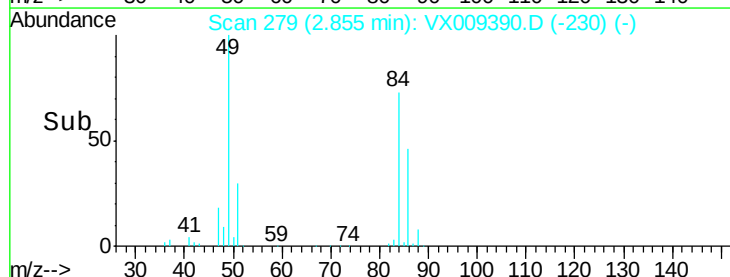
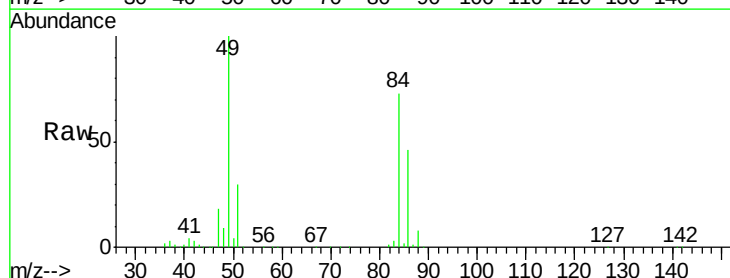
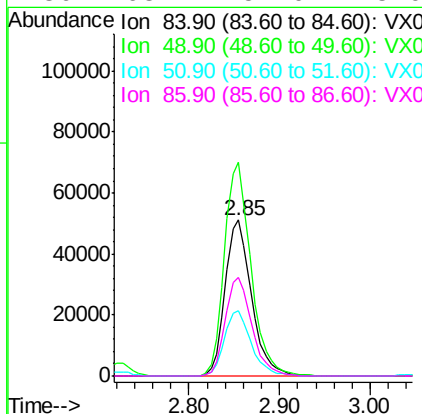
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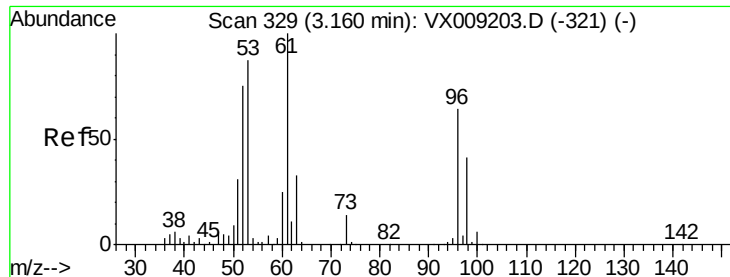
MMDadoda
5/9/2019 9:49:15 AM



#20
Methylene Chloride
Concen: 50.411 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

Tgt Ion	Ratio	Lower	Upper
84	100		
49	136.9	109.9	164.9
51	41.6	32.7	49.1
86	63.1	52.0	78.0





#21

trans-1,2-Dichloroethene

Concen: 54.011 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Instrument :

MSVOA_X

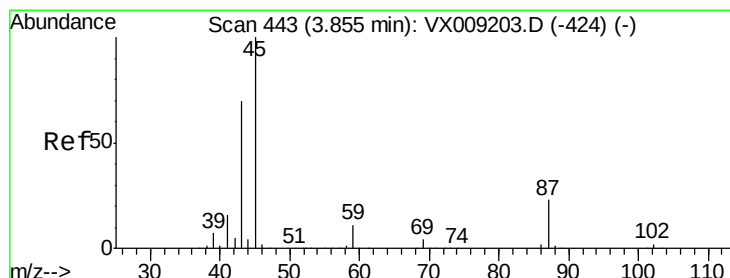
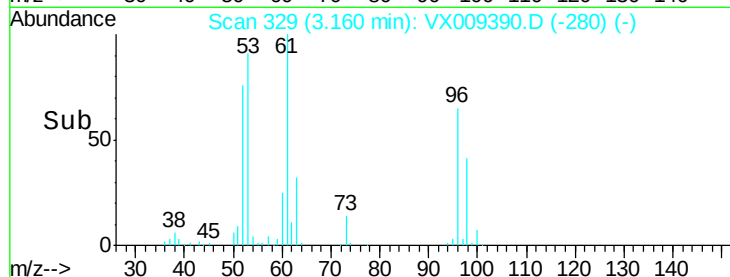
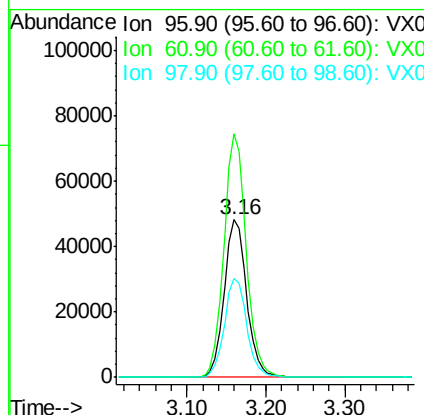
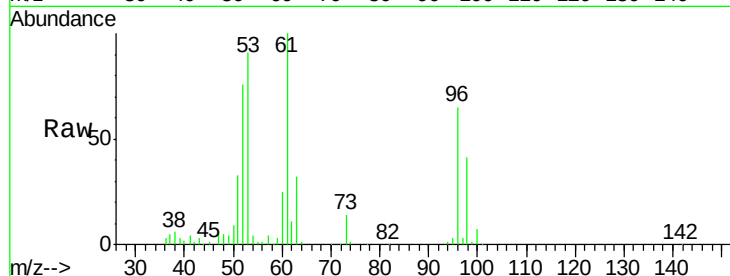
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	95227
Ion	Ratio	Lower	Upper
96	100		
61	154.6	124.5	186.7
98	62.7	50.4	75.6

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#22

Diisopropyl ether

Concen: 51.478 ug/l

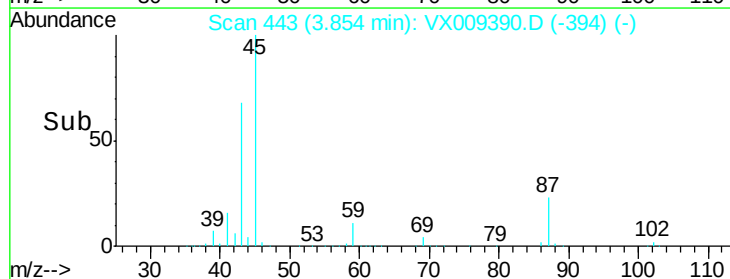
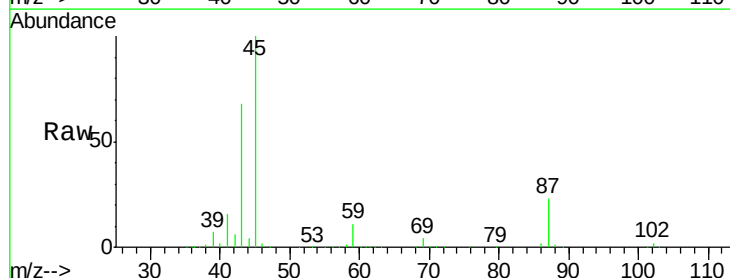
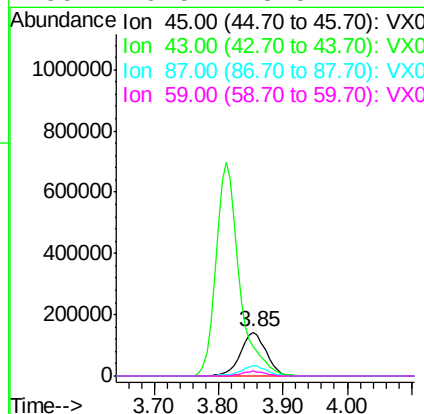
RT: 3.85 min Scan# 443

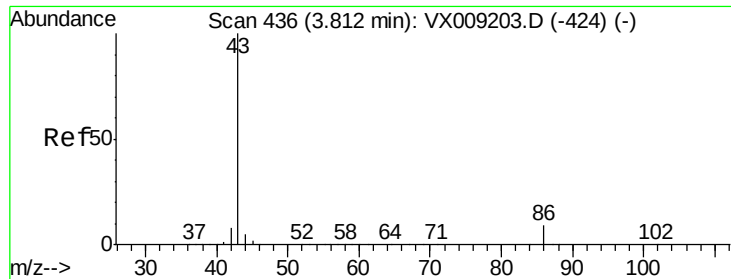
Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Tgt Ion:	45	Resp:	392219
Ion	Ratio	Lower	Upper
45	100		
43	68.2	56.1	84.1
87	23.1	18.1	27.1
59	10.5	8.5	12.7





#23

Vinyl Acetate

Concen: 272.513 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1777975

Ion Ratio Lower Upper

43 100

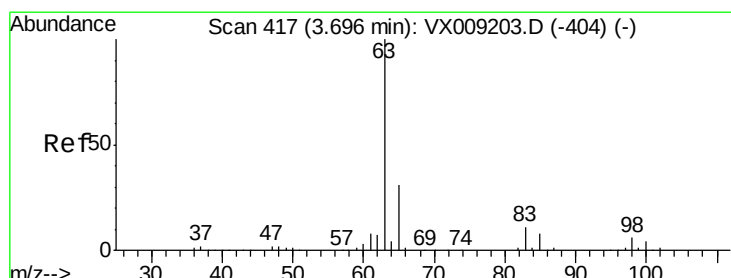
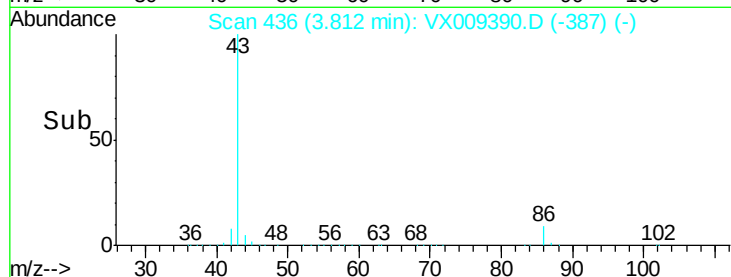
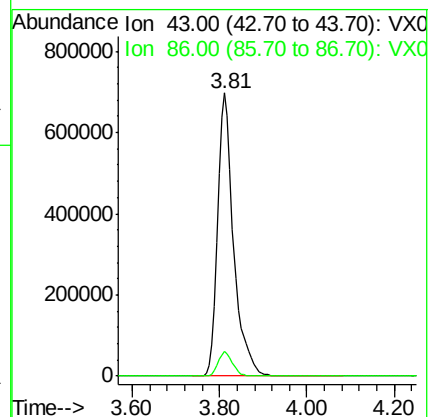
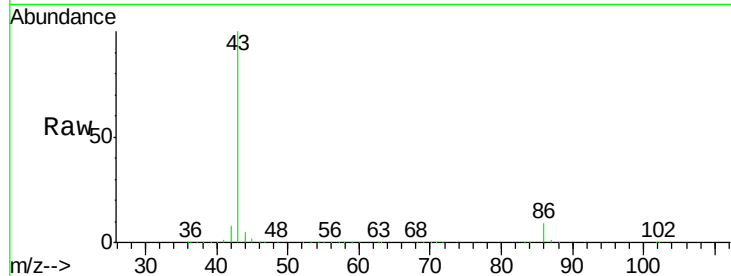
86 8.7 6.9 10.3

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#24

1,1-Dichloroethane

Concen: 51.018 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

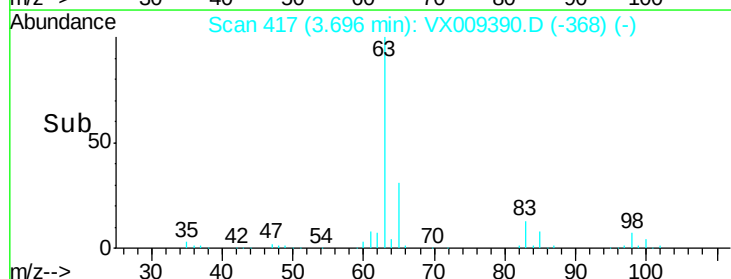
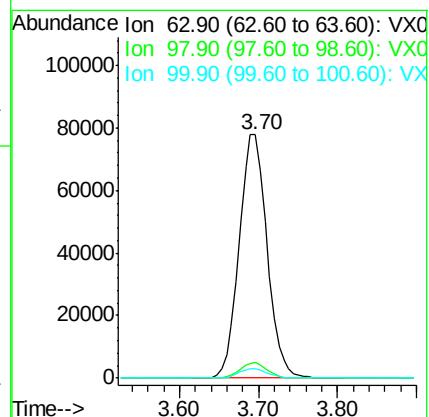
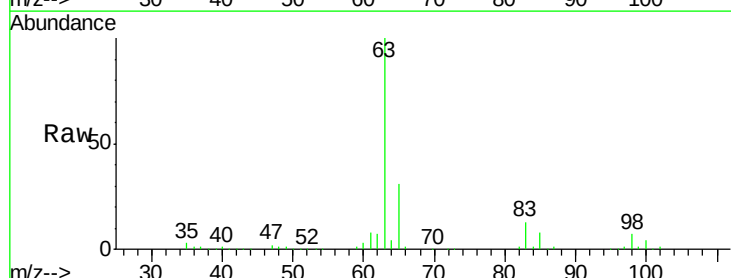
Tgt Ion: 63 Resp: 191756

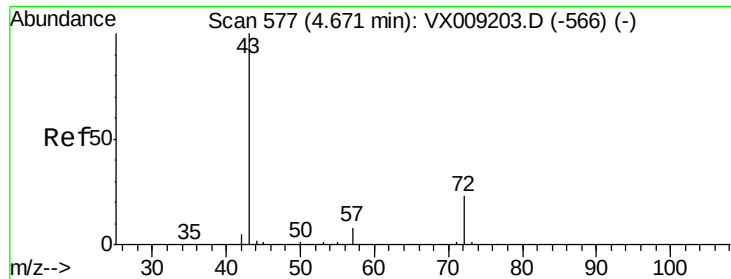
Ion Ratio Lower Upper

63 100

98 6.6 3.0 9.2

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 268.712 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 530336

Ion Ratio Lower Upper

43 100

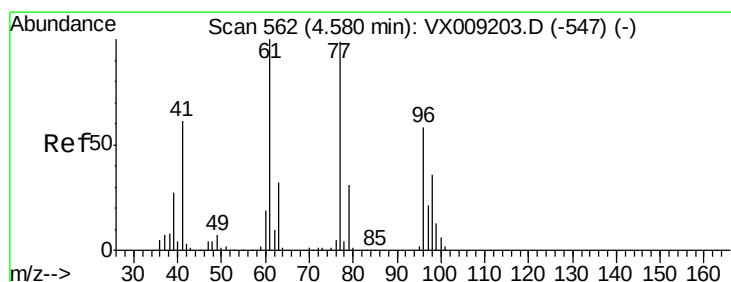
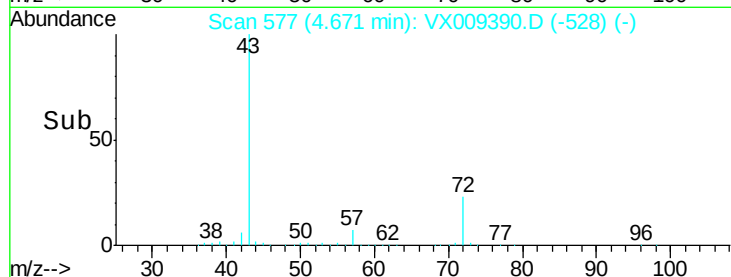
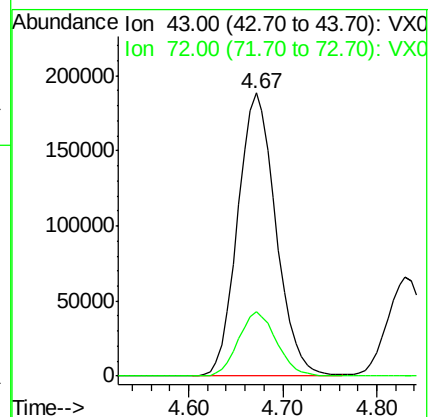
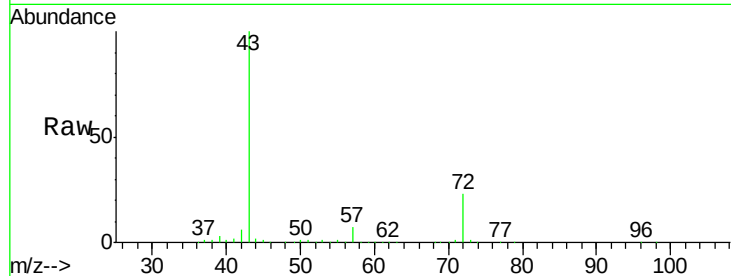
72 22.6 18.2 27.2

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#26

2,2-Dichloropropane

Concen: 53.231 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX009390.D

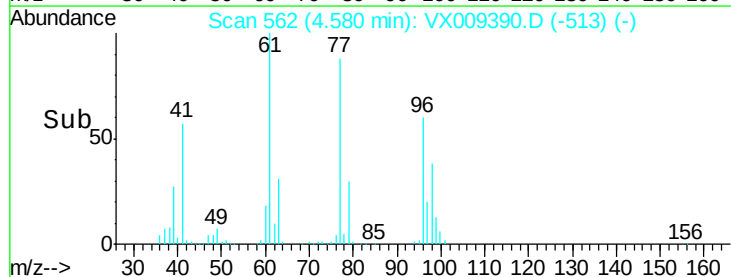
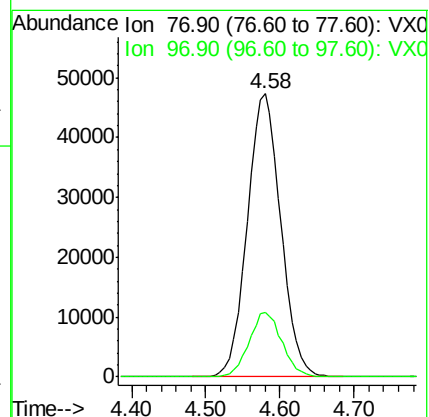
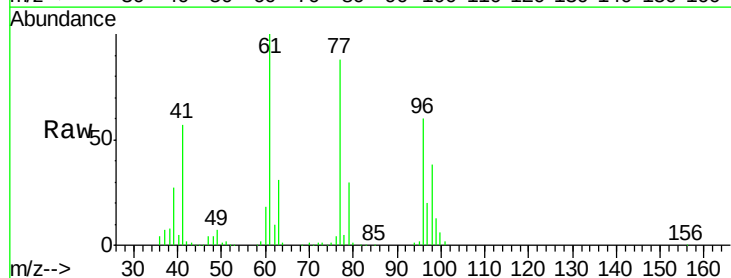
Acq: 08 May 2019 11:35

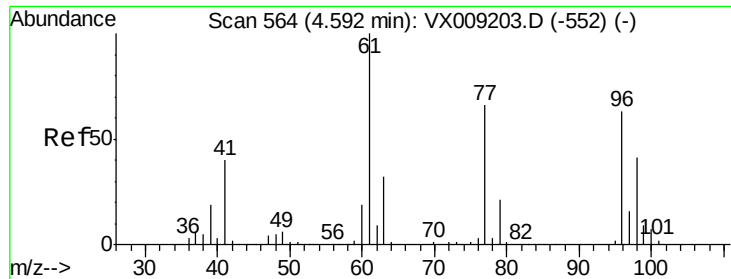
Tgt Ion: 77 Resp: 148924

Ion Ratio Lower Upper

77 100

97 22.4 11.5 34.4





#27

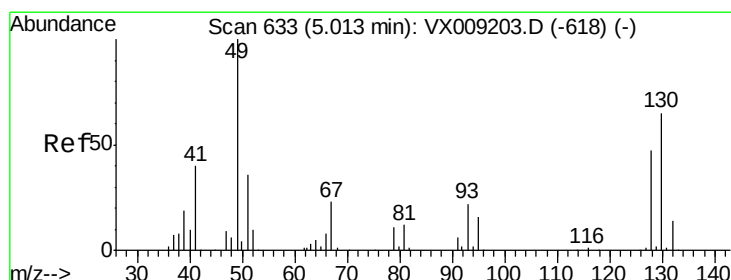
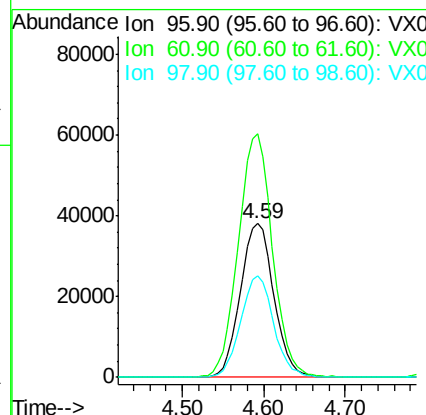
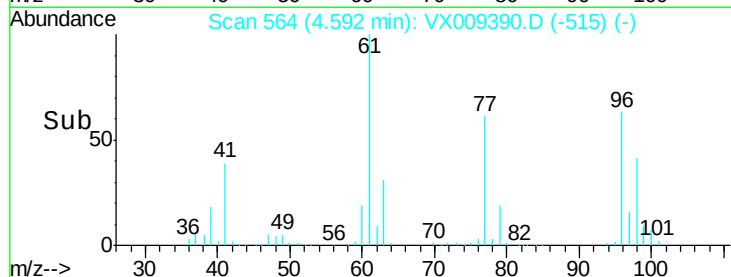
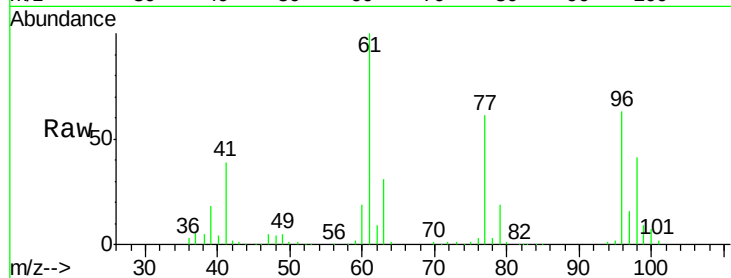
cis-1,2-Dichloroethene
Concen: 51.720 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	108842		
61	161.4	0.0	324.0	
98	64.7	0.0	130.4	

Manual Integrations
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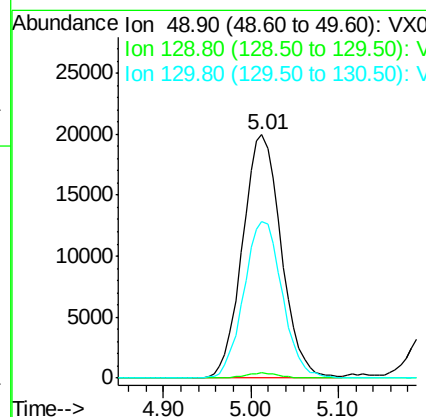
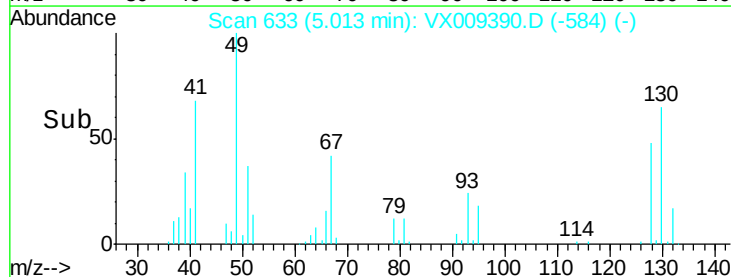
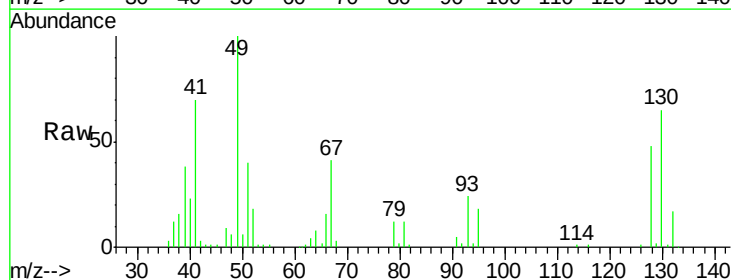
MMDadoda
5/9/2019 9:49:15 AM

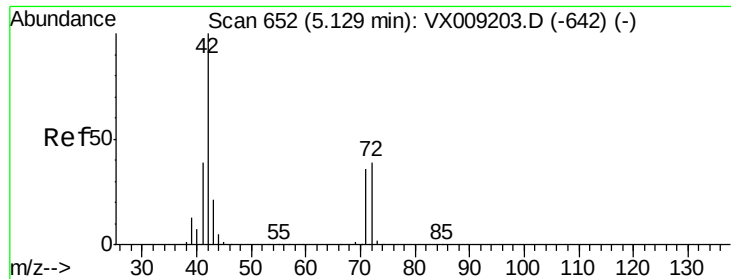


#28

Bromochloromethane
Concen: 40.113 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	61512		
129	1.8	0.0	3.8	
130	63.9	51.2	76.8	





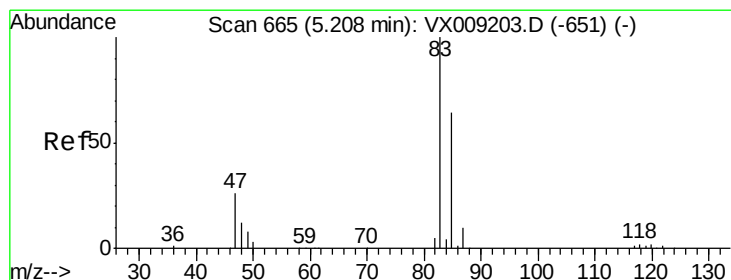
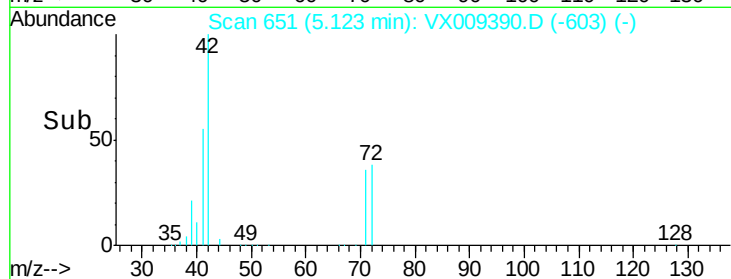
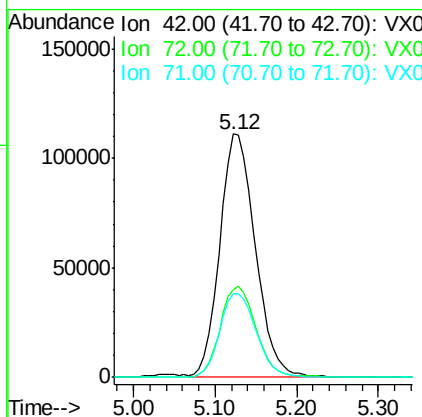
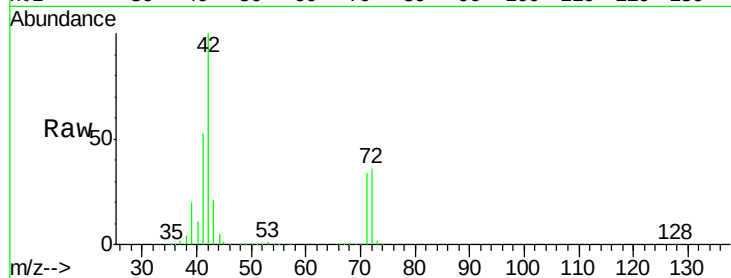
#29
Tetrahydrofuran
Concen: 262.330 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.2	30.4	45.6
71	35.7	28.6	43.0

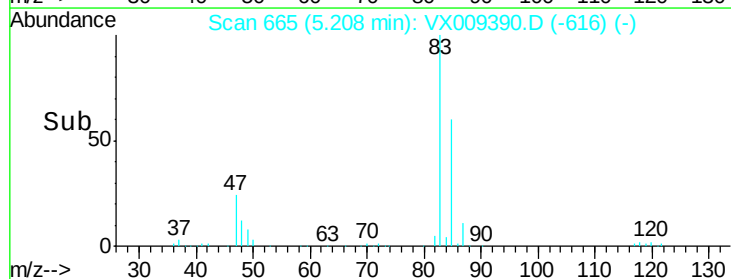
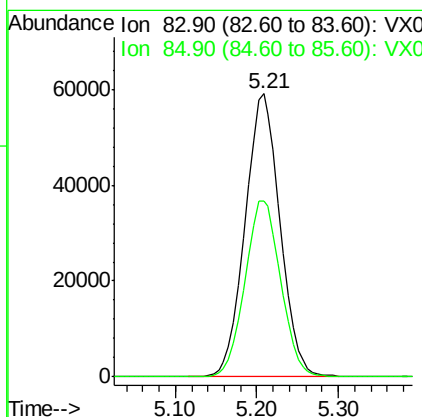
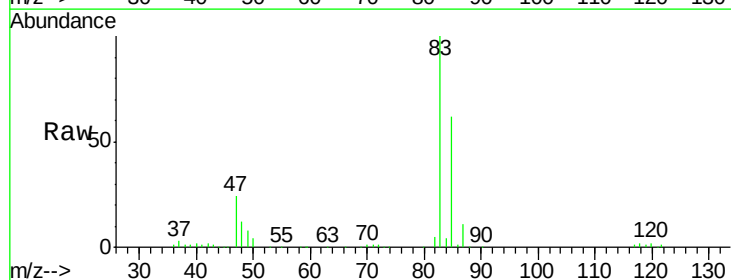
Manual Integrations
APPROVED

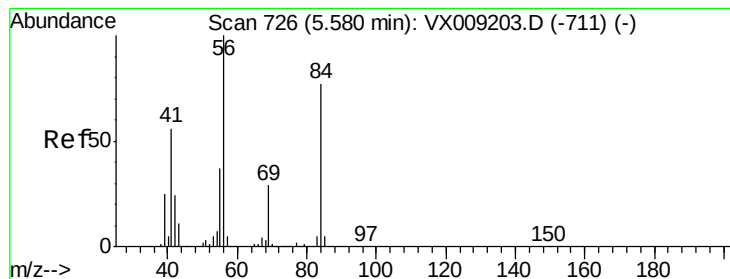
MMDadoda
5/9/2019 9:49:15 AM



#30
Chloroform
Concen: 51.801 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.0	51.5	77.3





#31

Cyclohexane

Concen: 55.280 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Instrument :

MSVOA_X

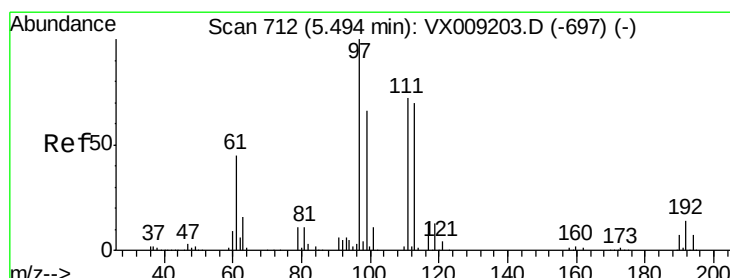
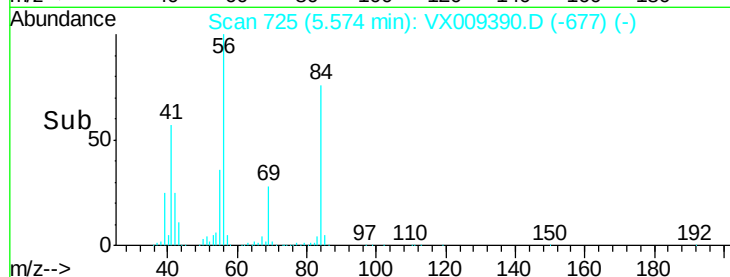
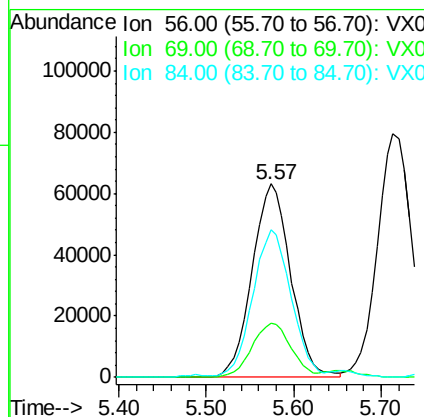
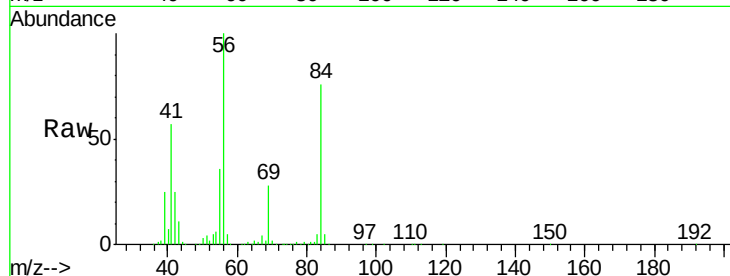
ClientSampled :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	100		193310		
69	27.9	23.4	35.0		
84	75.0	61.9	92.9		

Manual Integrations
APPROVED

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5/9/2019 9:49:15 AM



#32

1,1,1-Trichloroethane

Concen: 52.428 ug/l

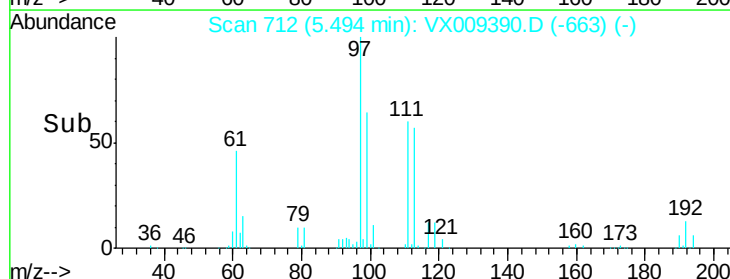
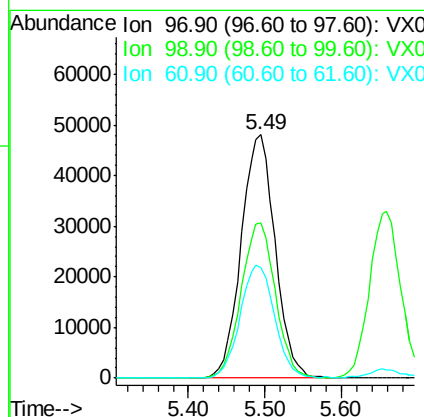
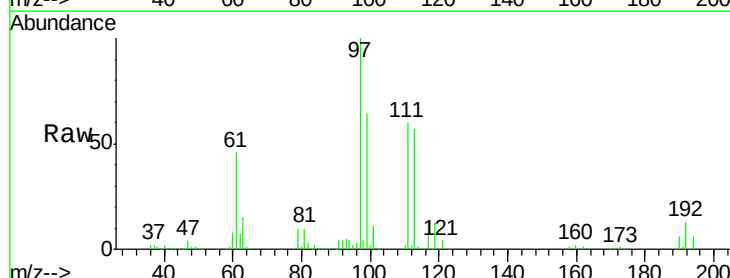
RT: 5.49 min Scan# 712

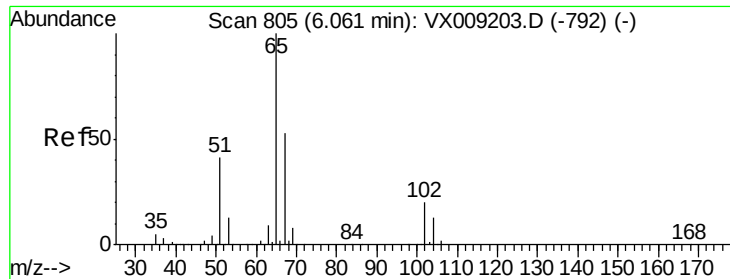
Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		148366		
99	64.1	51.8	77.8		
61	47.2	37.8	56.8		





#33

1,2-Dichloroethane-d4

Concen: 44.279 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Tot Ion: 65 Resp: 104732

Ion Ratio Lower Upper

65 100

67 53.4 0.0 106.6

Instrument :

MSVOA_X

ClientSampleId :

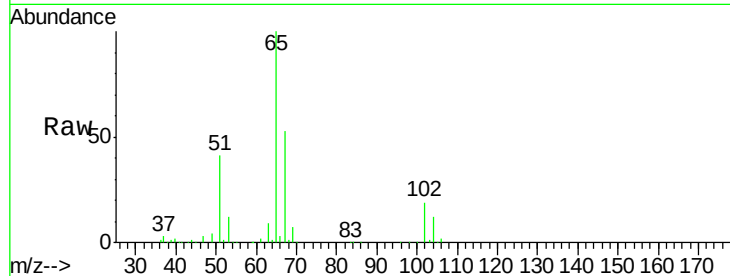
VSTDCCC050

Manual Integrations

APPROVED

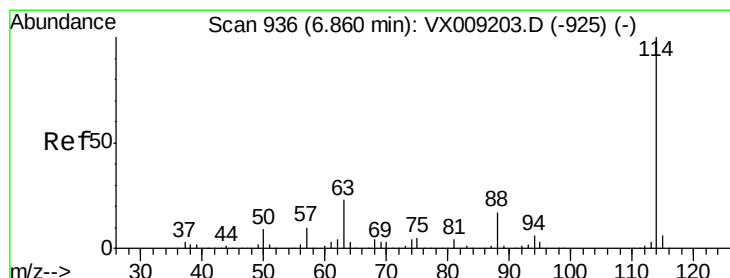
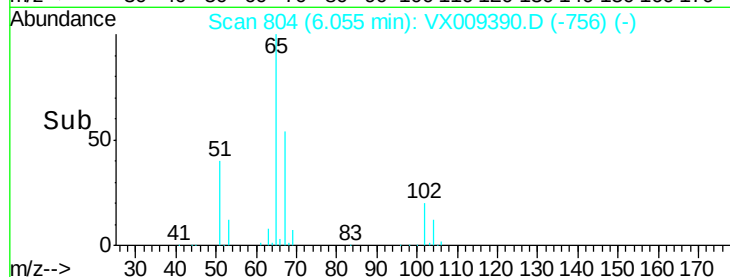
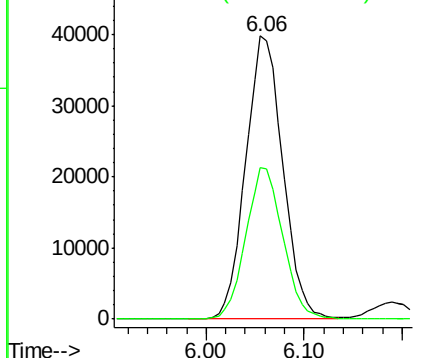
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5/9/2019 9:49:15 AM



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: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

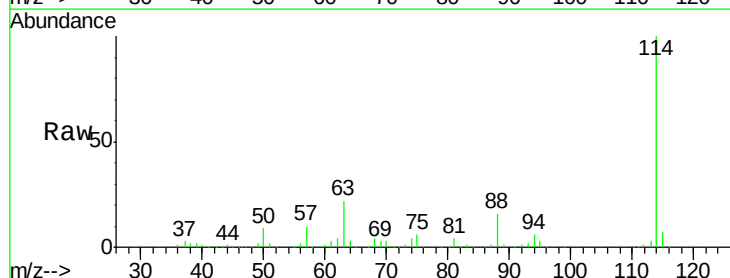
Tgt Ion: 114 Resp: 268597

Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.6

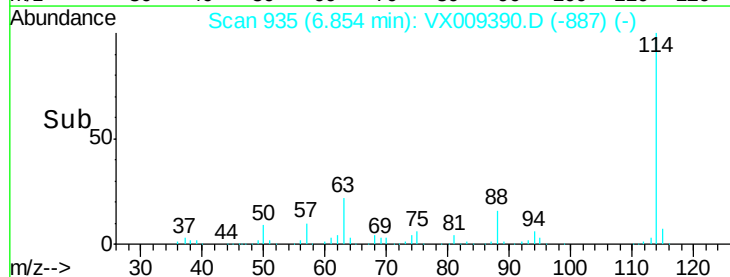
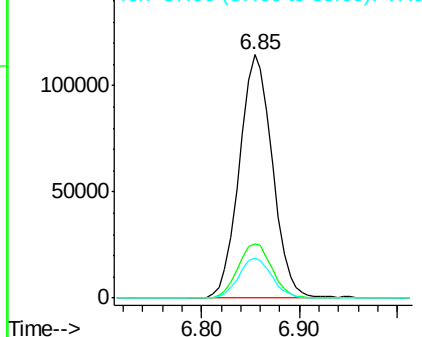
88 16.3 0.0 33.2

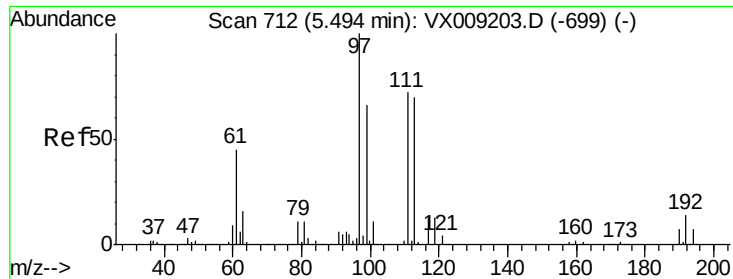


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





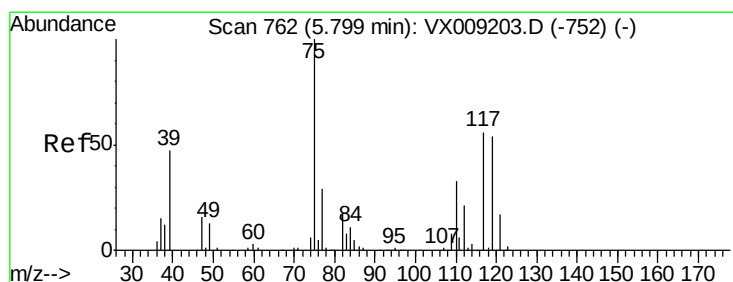
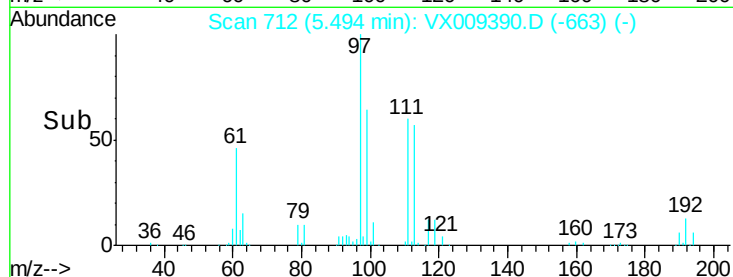
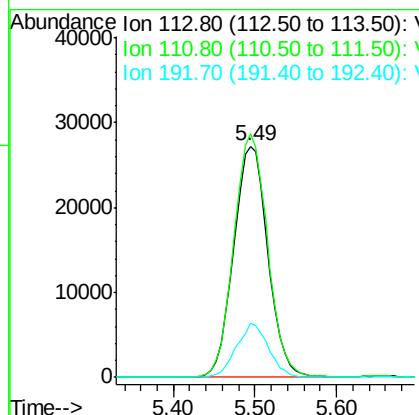
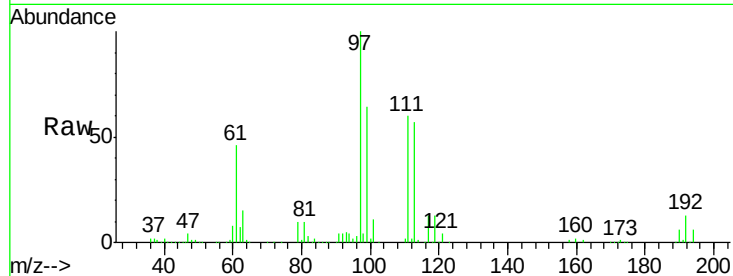
#35
 Dibromofluoromethane
 Concen: 46.841 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX009390.D
 Acq: 08 May 2019 11:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	79092		
111	103.8	82.8	124.2	
192	22.1	17.0	25.6	

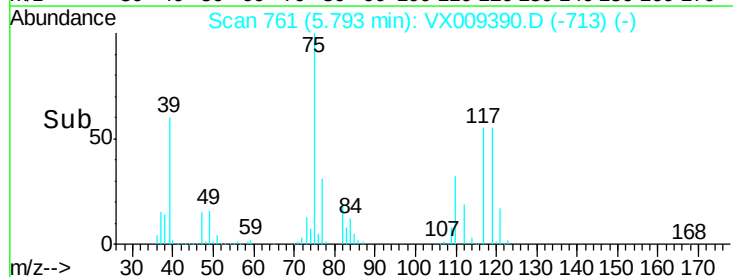
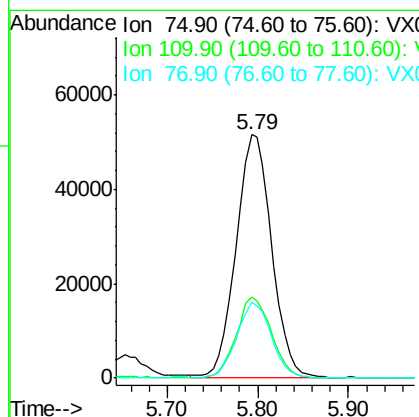
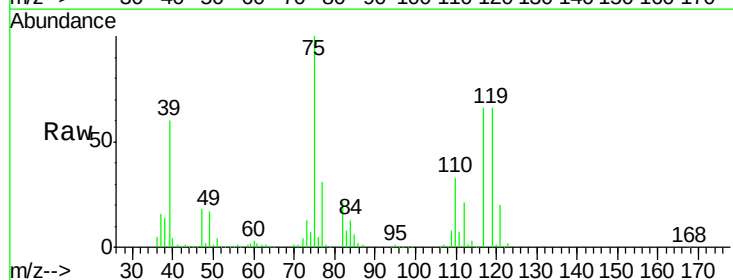
Manual Integrations
 APPROVED

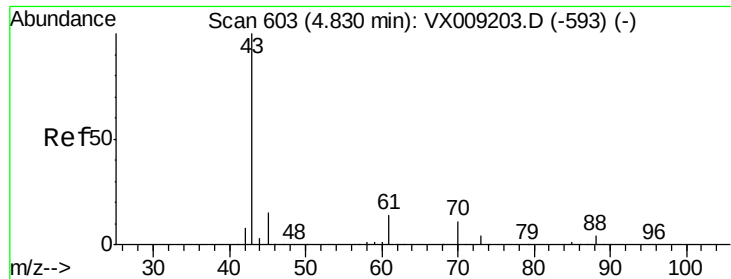
MMDadoda
 5/9/2019 9:49:15 AM



#36
 1,1-Dichloropropene
 Concen: 55.641 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX009390.D
 Acq: 08 May 2019 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	138885		
110	33.4	16.9	50.6	
77	31.0	24.8	37.2	





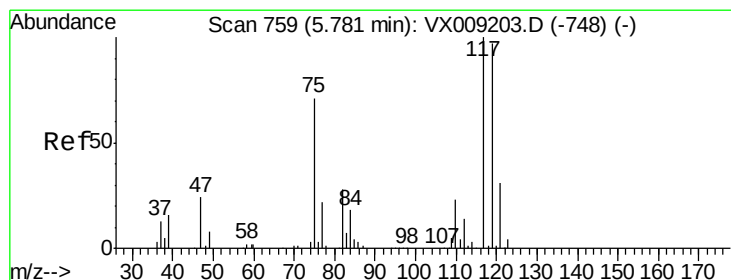
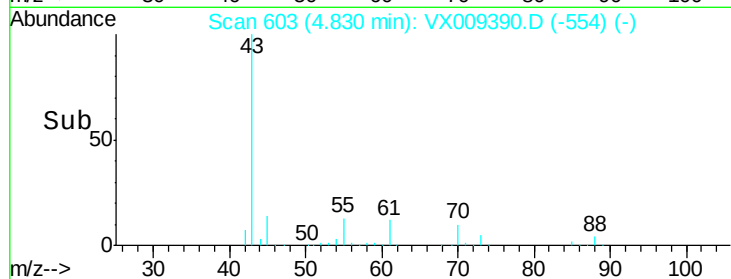
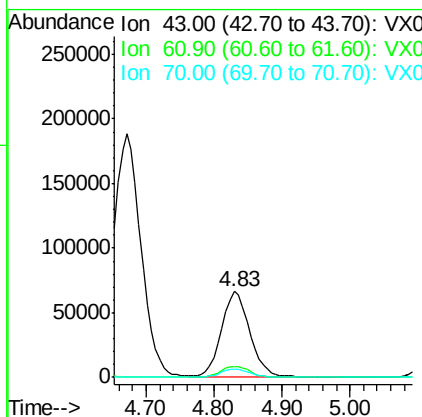
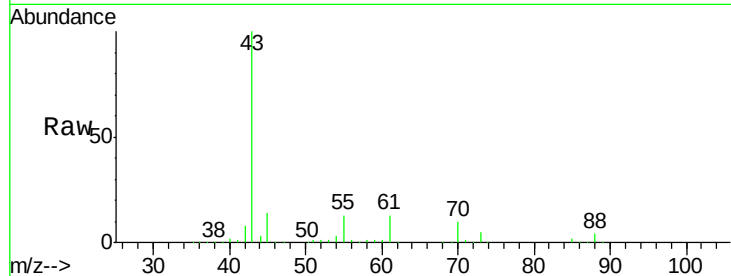
#37
Ethyl Acetate
Concen: 55.466 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	192902
Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.5	15.7
70	9.7	7.9	11.9

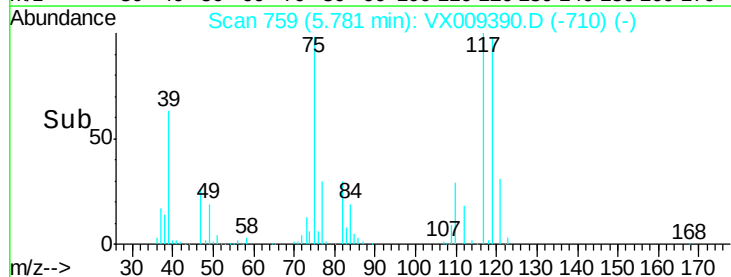
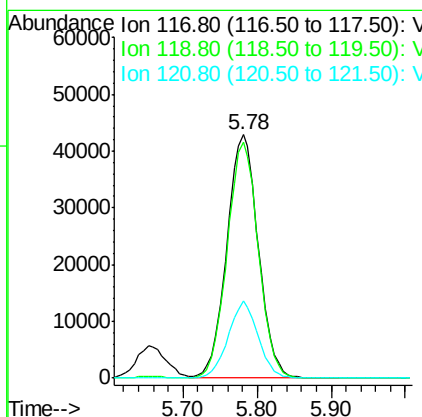
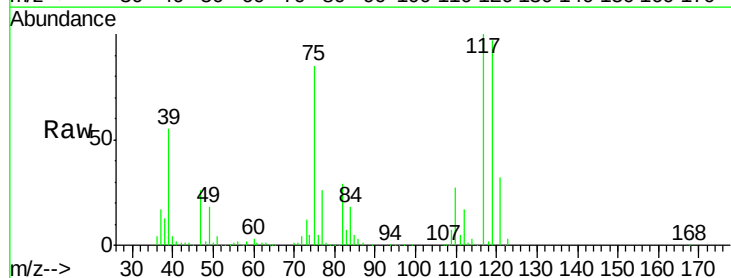
Manual Integrations
APPROVED

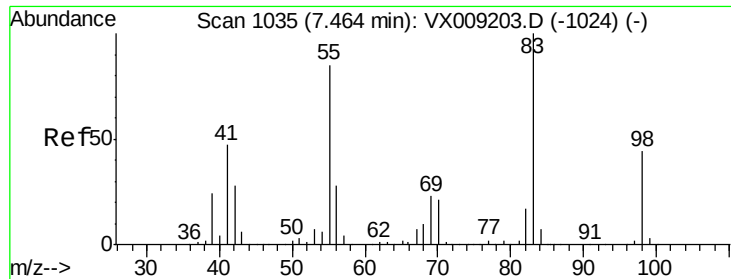
MMDadoda
5/9/2019 9:49:15 AM



#38
Carbon Tetrachloride
Concen: 55.843 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

Tgt Ion	117	Resp	126646
Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.5	116.3
121	31.7	24.7	37.1





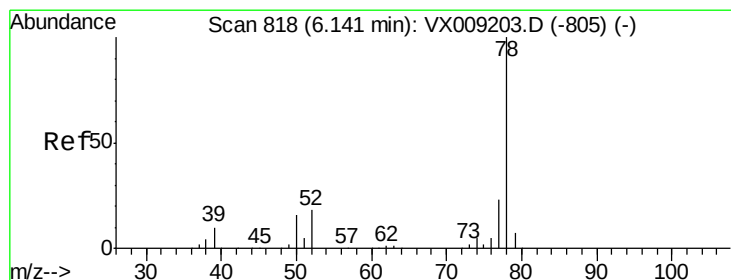
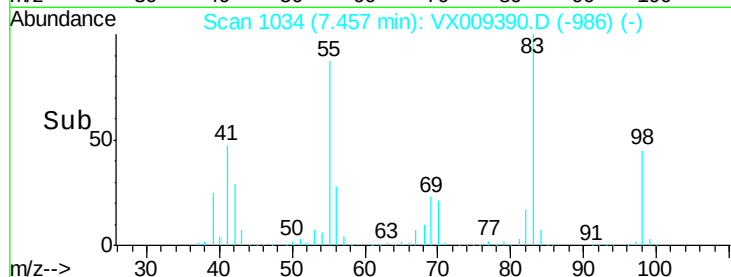
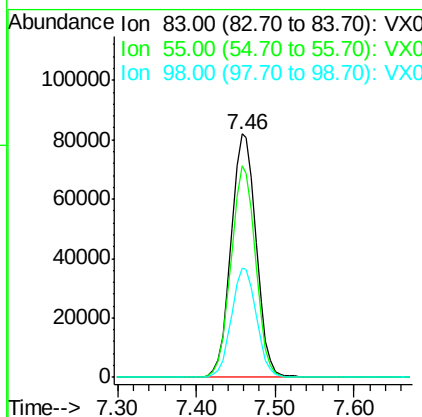
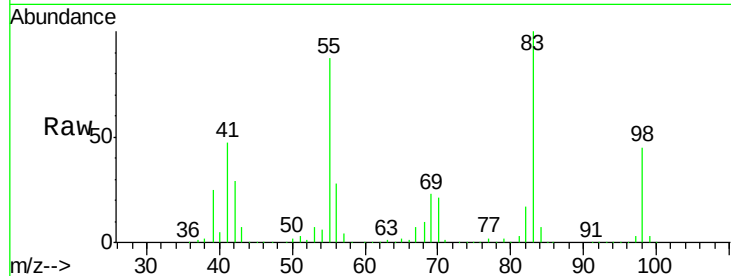
#39
Methylvlcyclohexane
Concen: 59.273 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	83	Resp	181699
Ion Ratio	Lower	Upper	
83	100		
55	86.9	67.7	101.5
98	44.6	35.5	53.3

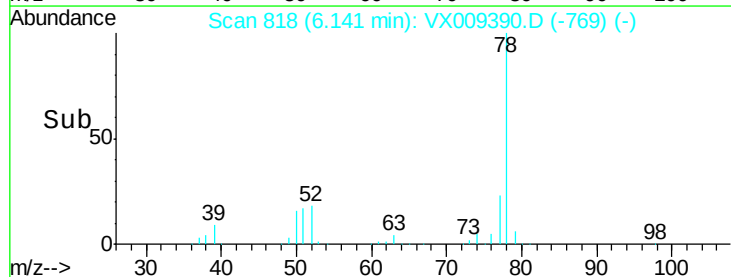
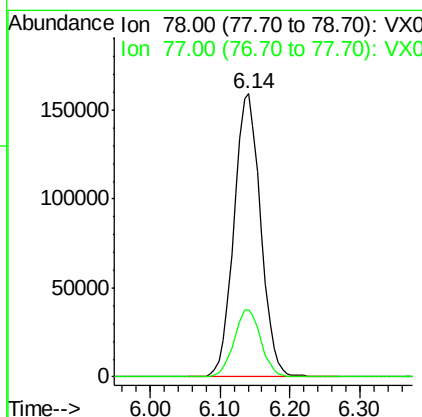
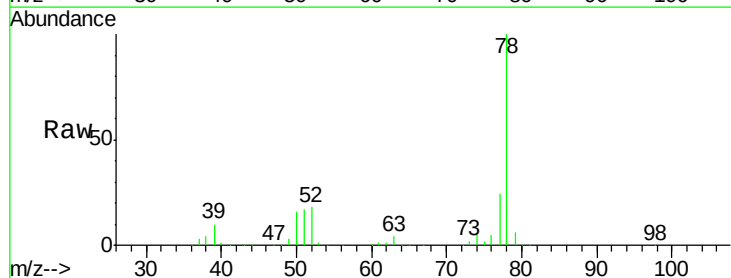
Manual Integrations
APPROVED

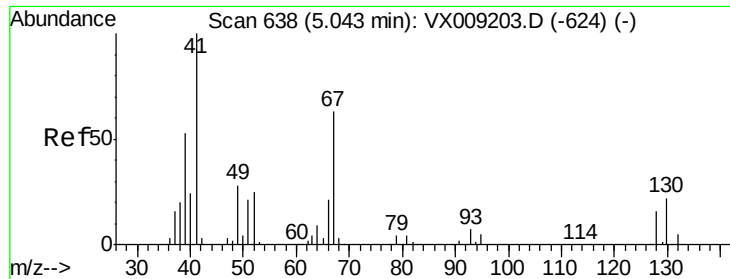
MMDadoda
5/9/2019 9:49:15 AM



#40
Benzene
Concen: 54.569 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

Tgt Ion	78	Resp	421550
Ion Ratio	Lower	Upper	
78	100		
77	23.6	18.8	28.2





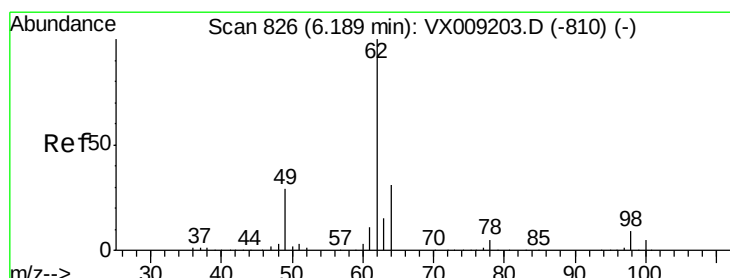
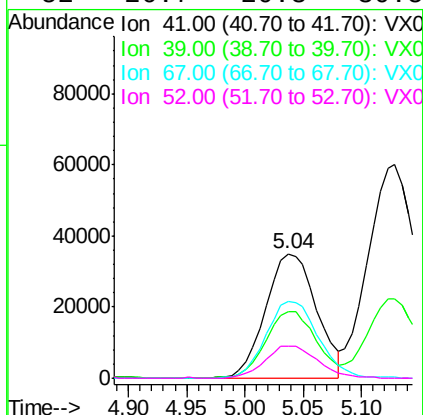
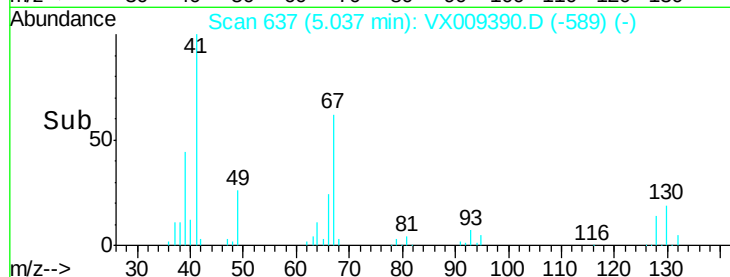
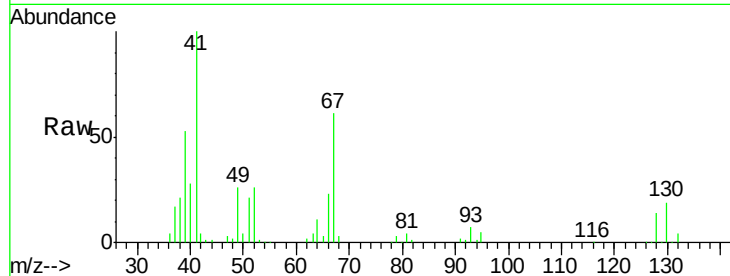
#41
Methacrylonitrile
Concen: 51.094 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.0	42.0	63.0	
67	63.8	49.8	74.8	
52	26.7	20.3	30.5	

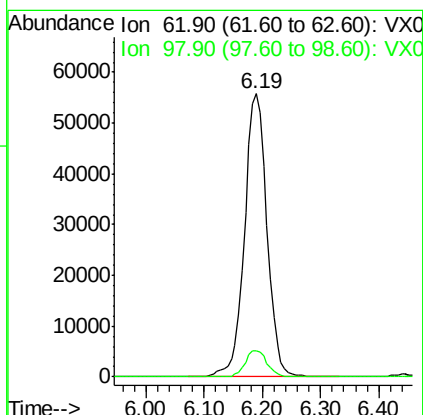
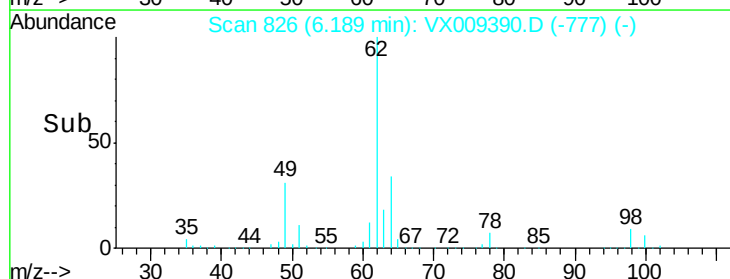
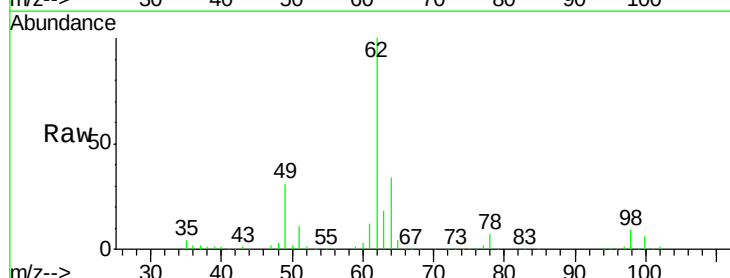
Manual Integrations
APPROVED

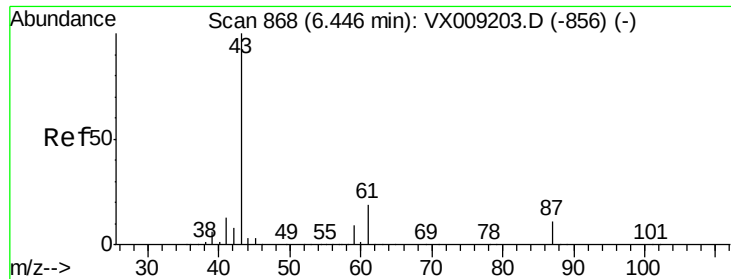
MMDadoda
5/9/2019 9:49:15 AM



#42
1,2-Dichloroethane
Concen: 53.738 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.1	0.0	18.2	





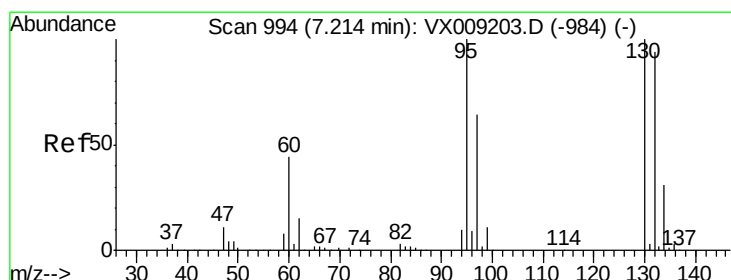
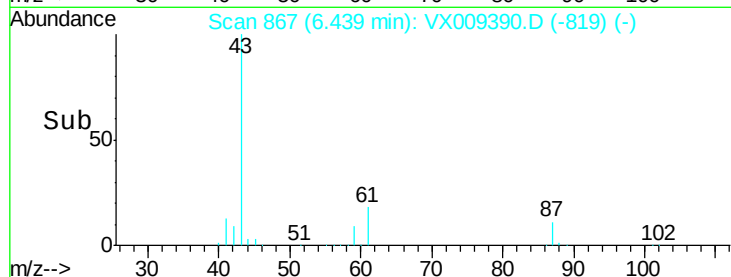
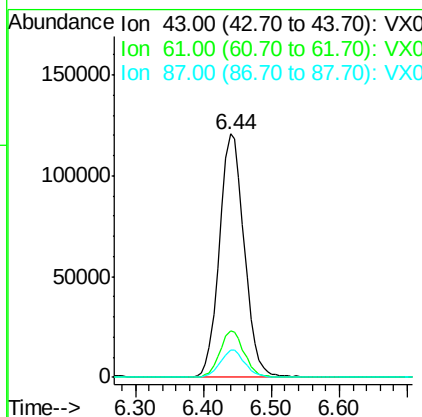
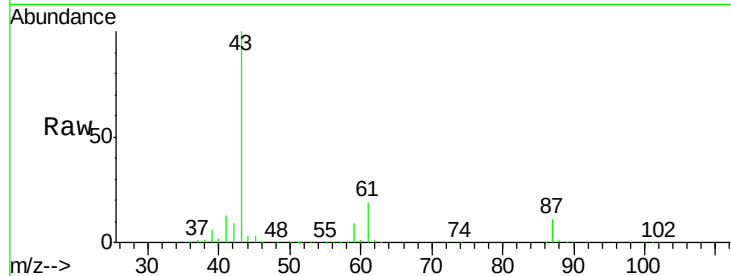
#43
Isopropyl Acetate
Concen: 54.776 ug/l
RT: 6.44 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.8	15.1	22.7
87	11.2	9.0	13.6

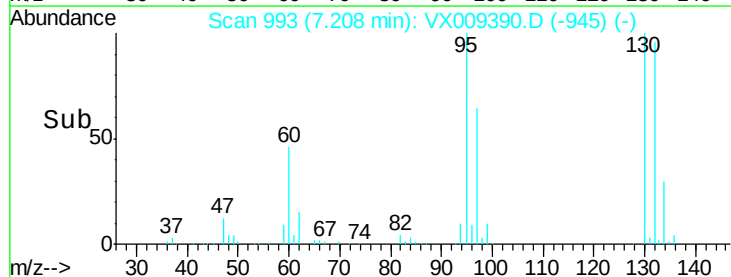
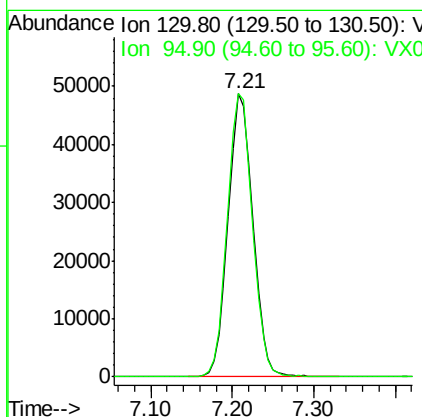
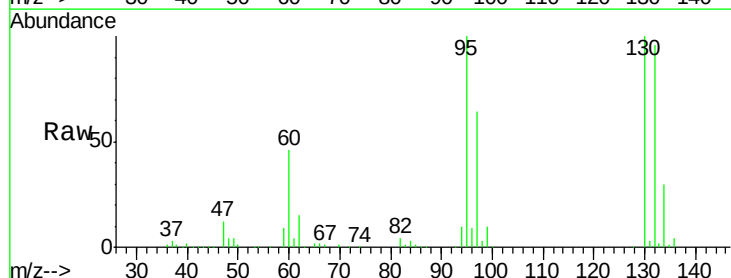
Manual Integrations
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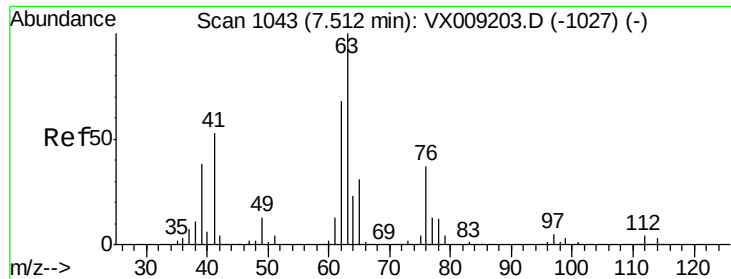
MMDadoda
5/9/2019 9:49:15 AM



#44
Trichloroethene
Concen: 54.626 ug/l
RT: 7.21 min Scan# 993
Delta R.T. -0.01 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.0	0.0	199.2





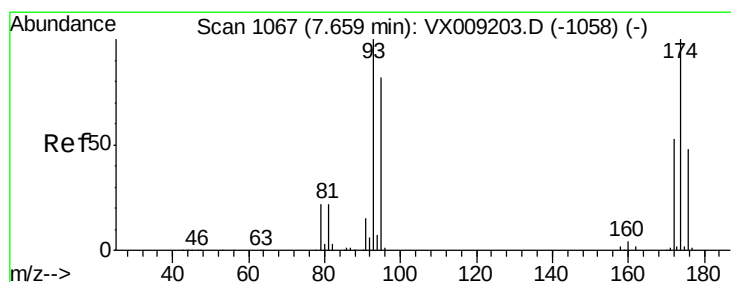
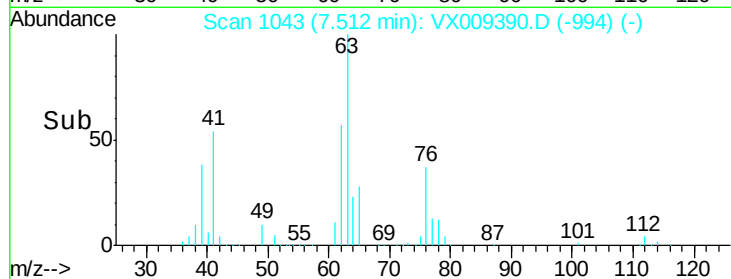
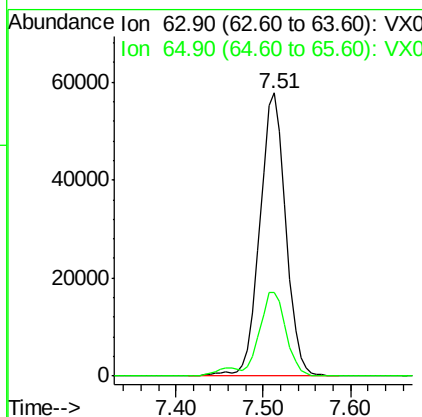
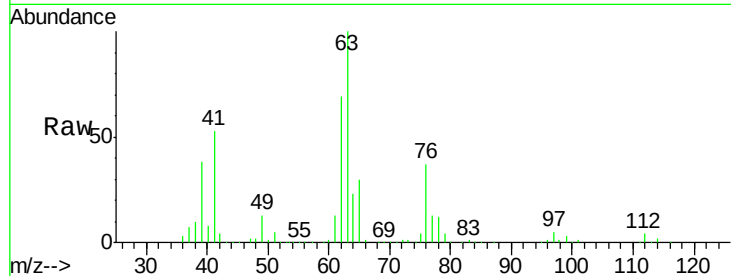
#45
 1,2-Dichloropropane
 Concen: 54.490 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009390.D
 Acq: 08 May 2019 11:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 119192
 Ion Ratio Lower Upper
 63 100
 65 29.8 25.0 37.6

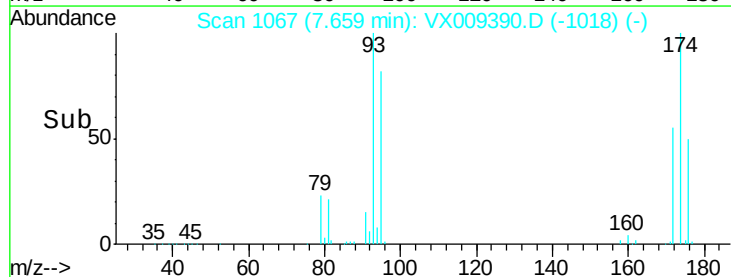
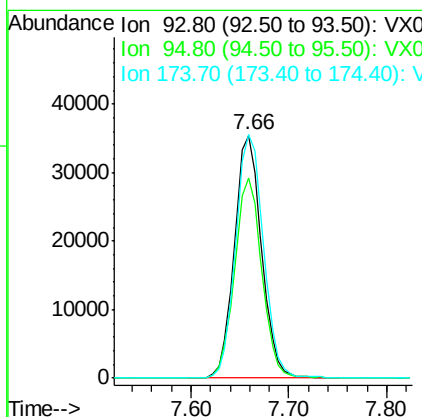
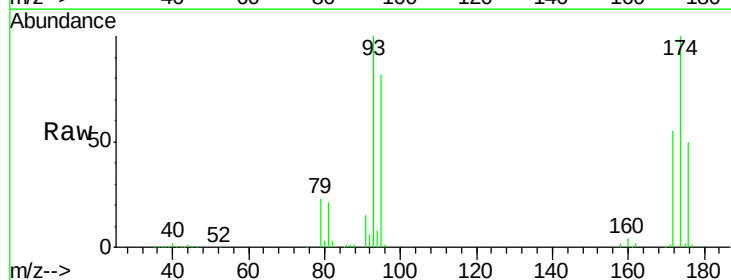
Manual Integrations
 APPROVED

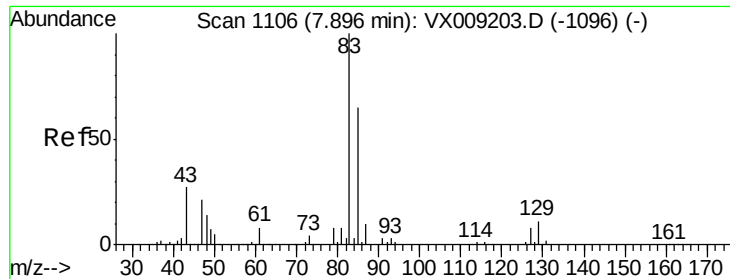
MMDadoda
 5/9/2019 9:49:15 AM



#46
 Dibromomethane
 Concen: 53.763 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009390.D
 Acq: 08 May 2019 11:35

Tgt Ion: 93 Resp: 68292
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.5 99.7
 174 102.6 82.1 123.1





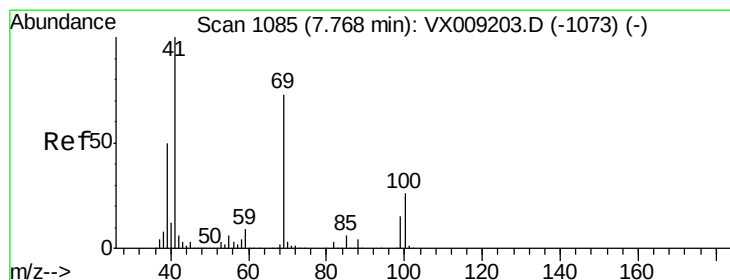
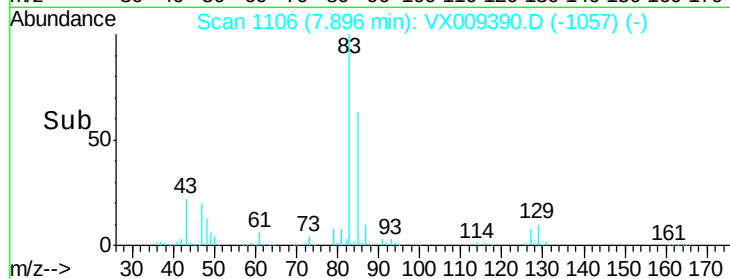
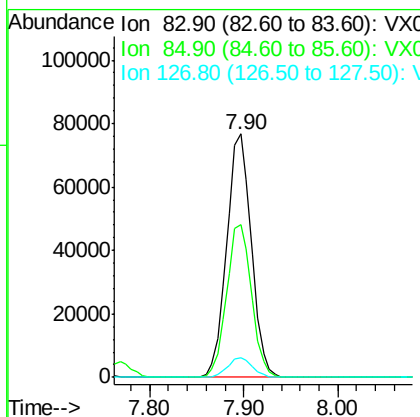
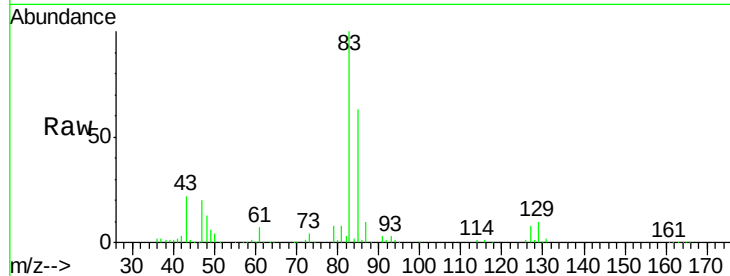
#47
Bromodichloromethane
Concen: 54.872 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	139035		
85	62.8		52.4	78.6
127	8.1		6.6	10.0

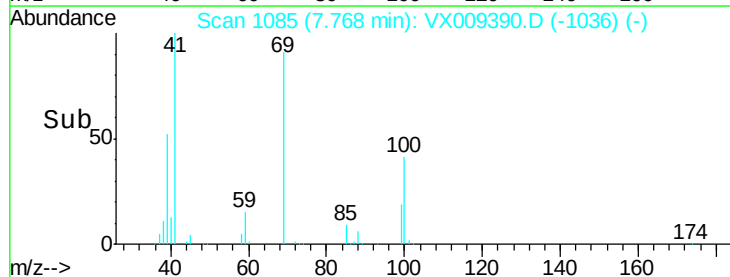
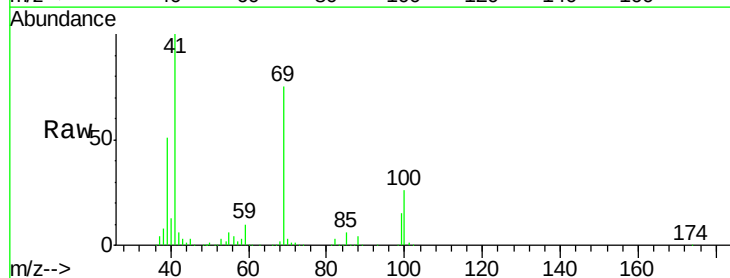
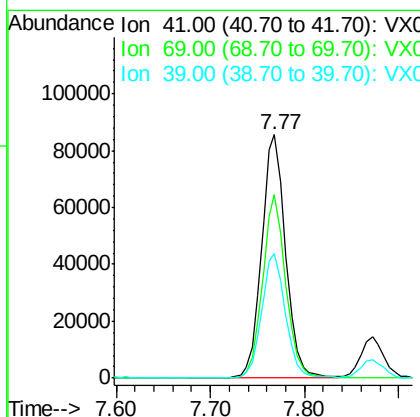
Manual Integrations
APPROVED

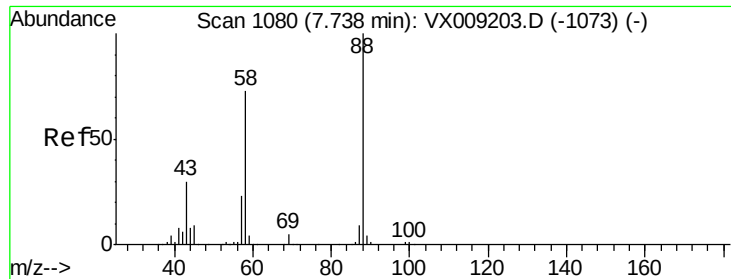
MMDadoda
5/9/2019 9:49:15 AM



#48
Methyl methacrylate
Concen: 55.728 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	153806		
69	72.9		59.1	88.7
39	50.7		40.4	60.6





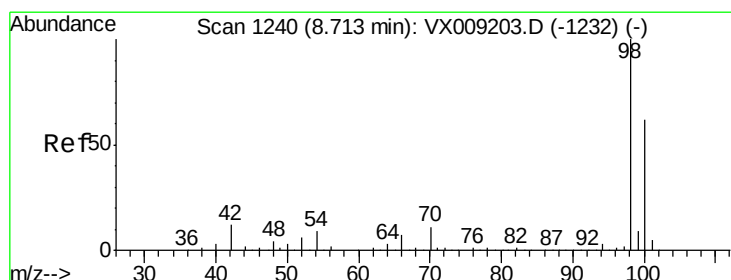
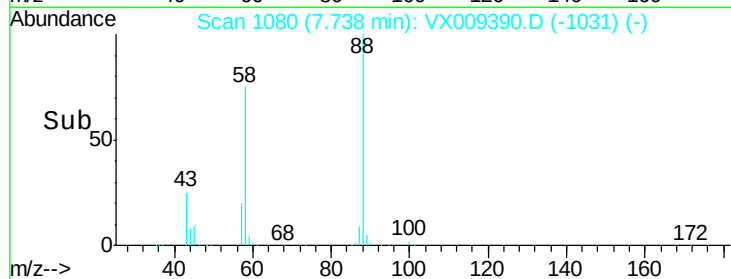
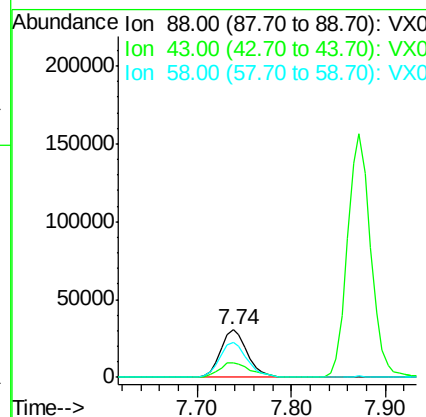
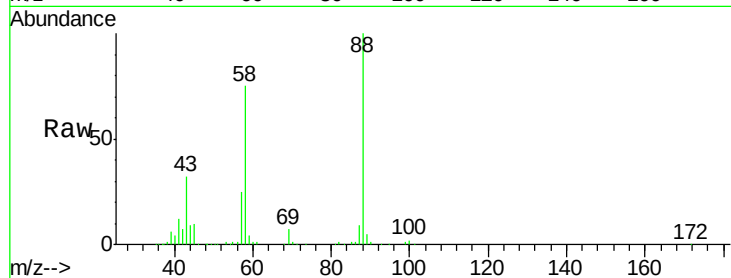
#49
1,4-Dioxane
Concen: 1069.094 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.4	28.6	42.8
58	77.0	61.7	92.5

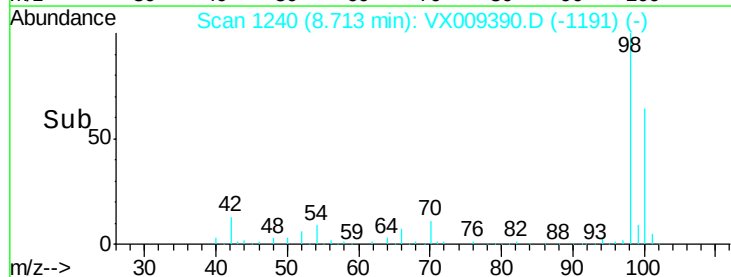
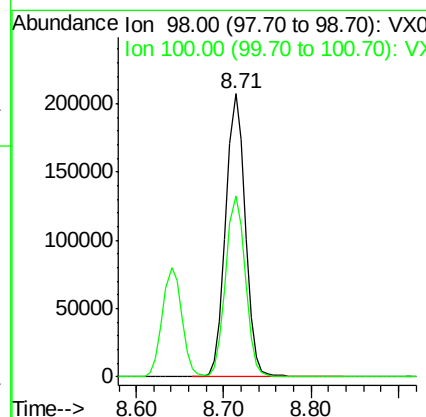
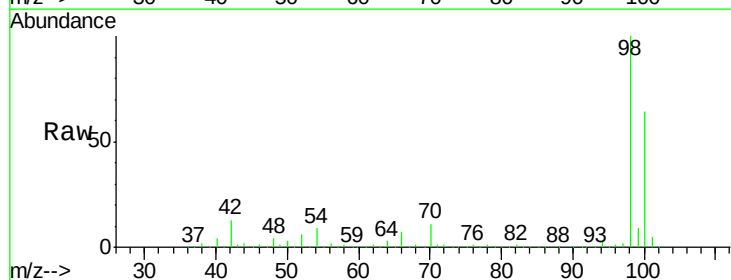
Manual Integrations
APPROVED

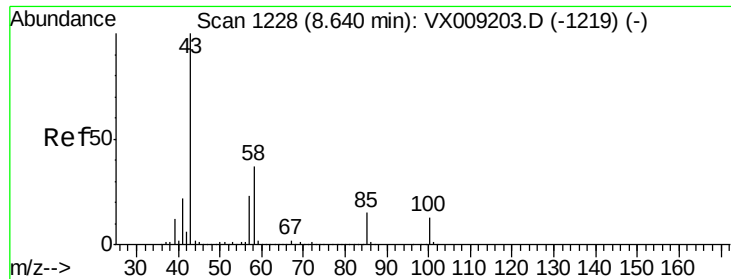
MMDadoda
5/9/2019 9:49:15 AM



#50
Toluene-d8
Concen: 47.103 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 273.052 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 992833

Ion Ratio Lower Upper

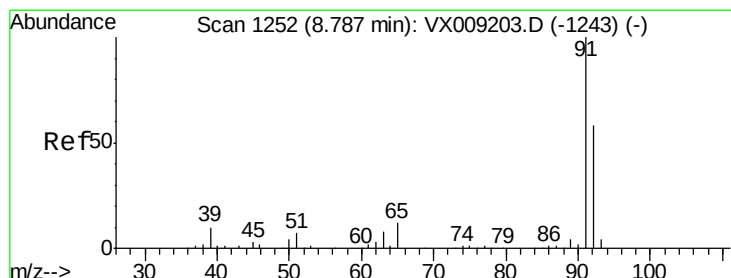
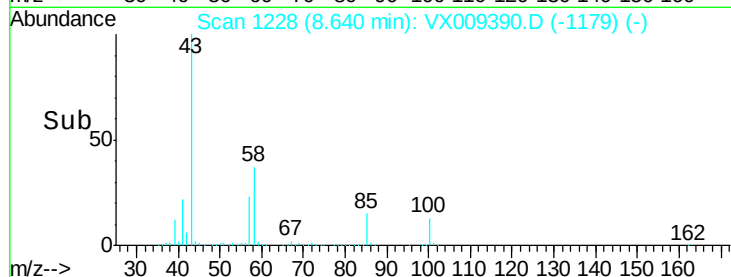
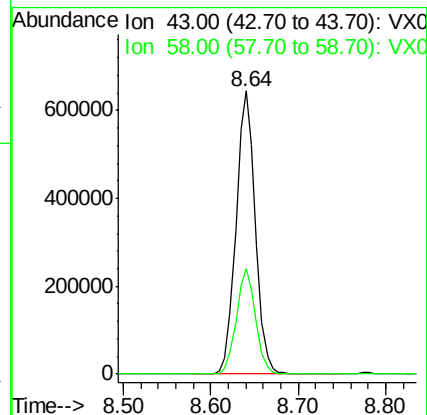
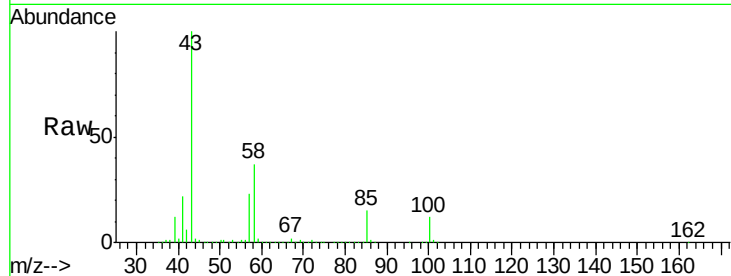
43 100

58 36.9 29.5 44.3

Manual Integrations
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MMDadoda

5/9/2019 9:49:15 AM



#52

Toluene

Concen: 54.793 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009390.D

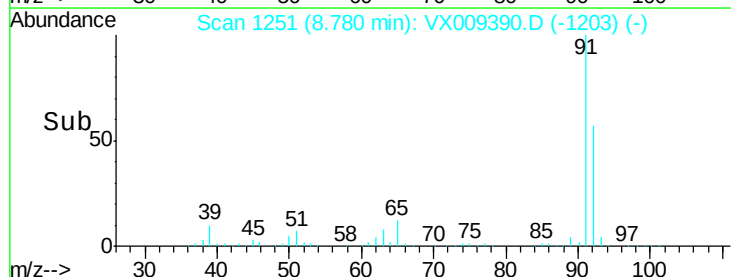
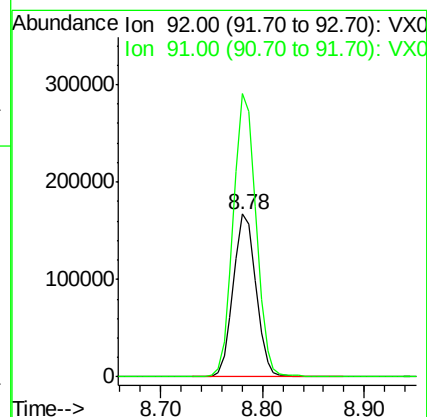
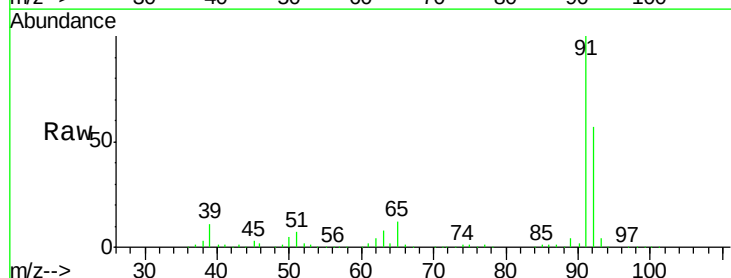
Acq: 08 May 2019 11:35

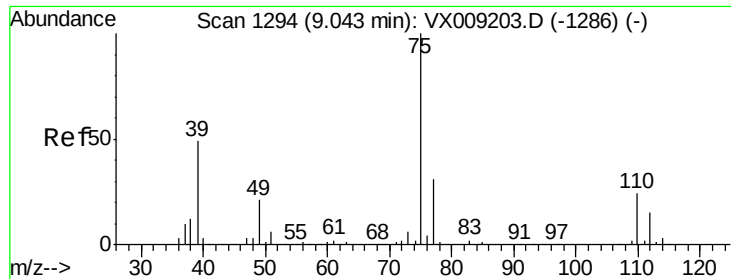
Tgt Ion: 92 Resp: 257297

Ion Ratio Lower Upper

92 100

91 174.8 138.8 208.2





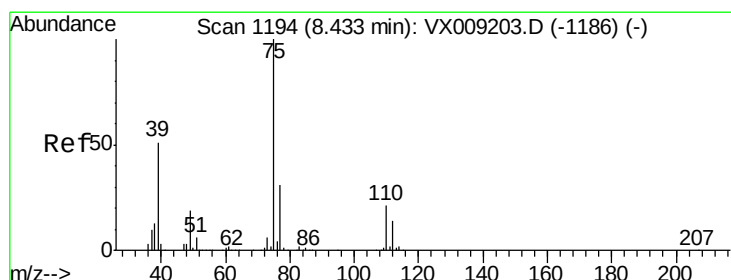
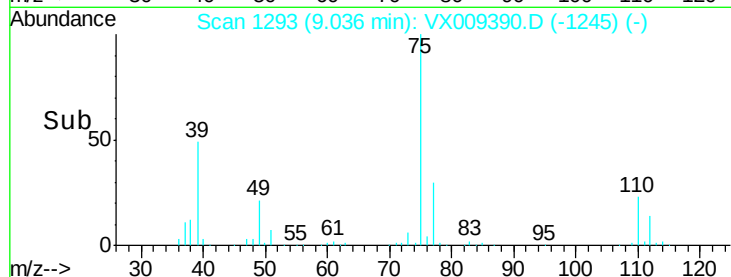
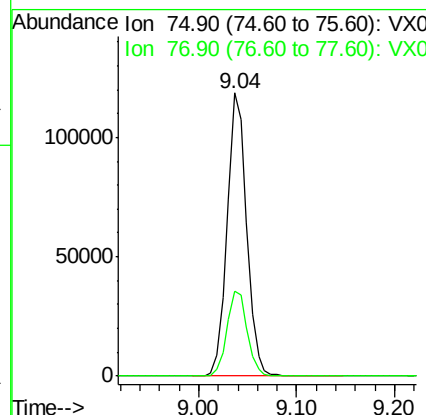
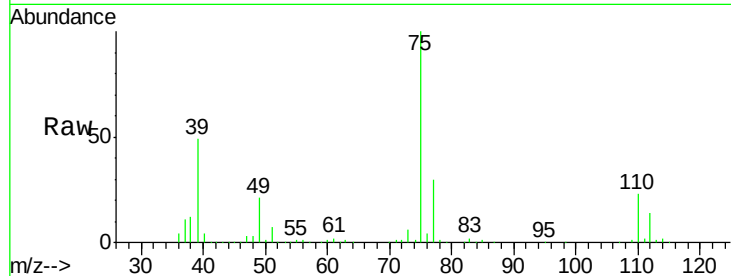
#53
t-1,3-Dichloropropene
Concen: 57.330 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 75 Resp: 164005
Ion Ratio Lower Upper
75 100
77 30.2 25.0 37.6

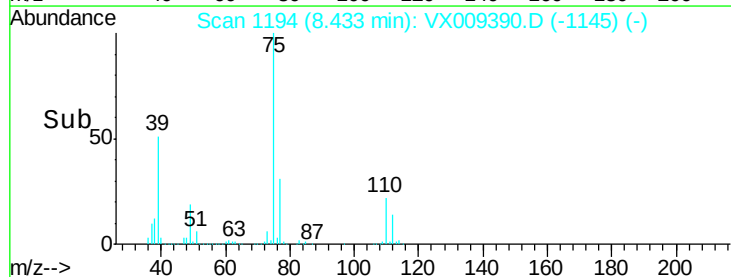
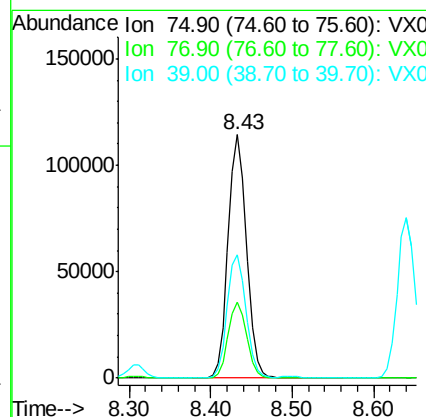
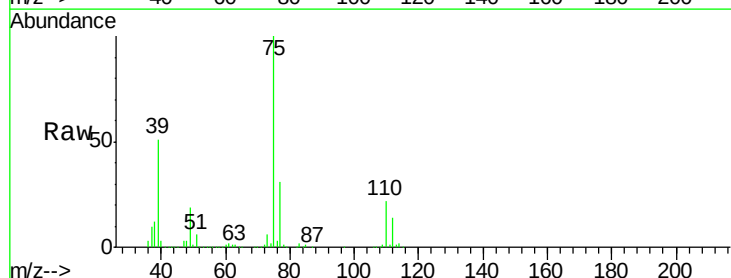
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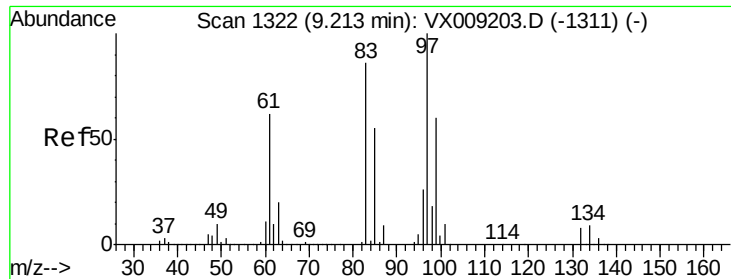
MMDadoda
5/9/2019 9:49:15 AM



#54
cis-1,3-Dichloropropene
Concen: 56.589 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

Tgt Ion: 75 Resp: 179182
Ion Ratio Lower Upper
75 100
77 31.0 24.6 36.8
39 50.7 40.6 60.8





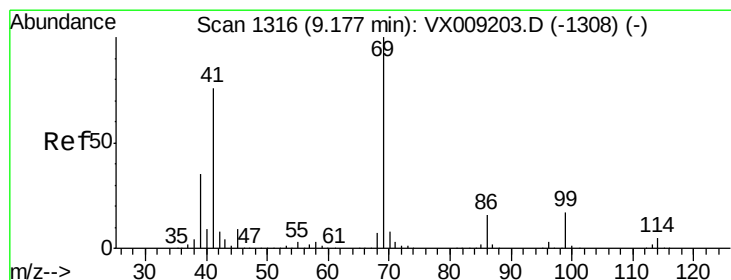
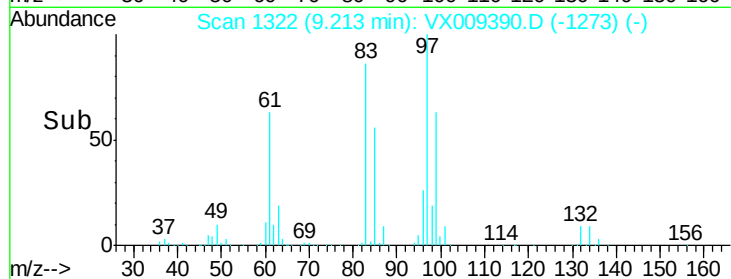
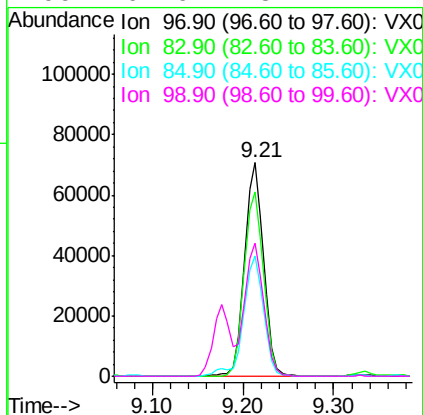
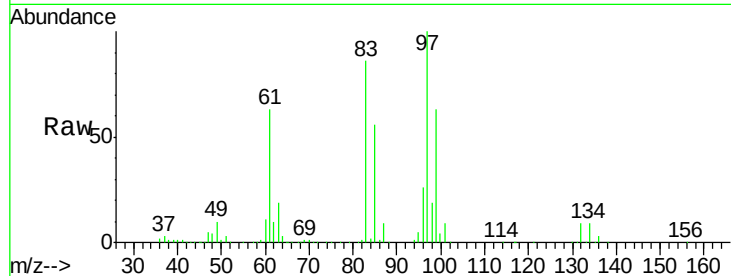
#55
 1,1,2-Trichloroethane
 Concen: 53.592 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009390.D
 Acq: 08 May 2019 11:35

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion:	97	Resp:	102669
Ion	Ratio	Lower	Upper
97	100		
83	86.4	68.9	103.3
85	56.3	43.8	65.6
99	62.6	48.2	72.2

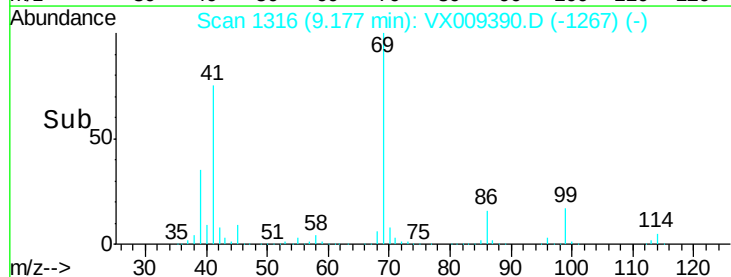
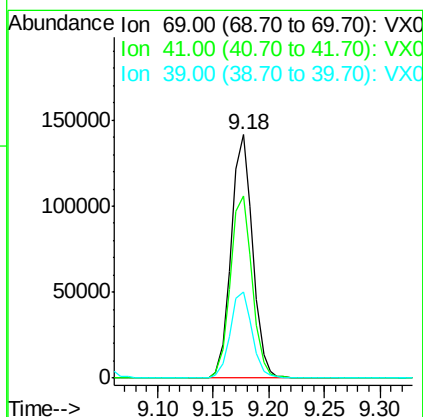
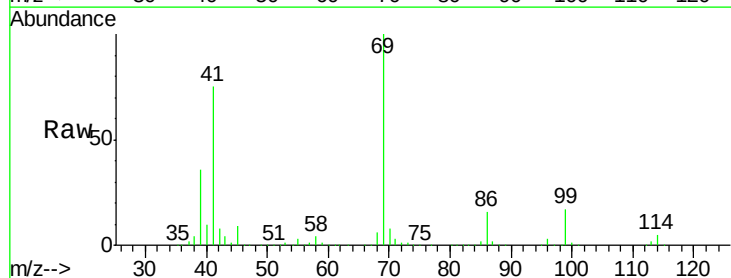
Manual Integrations
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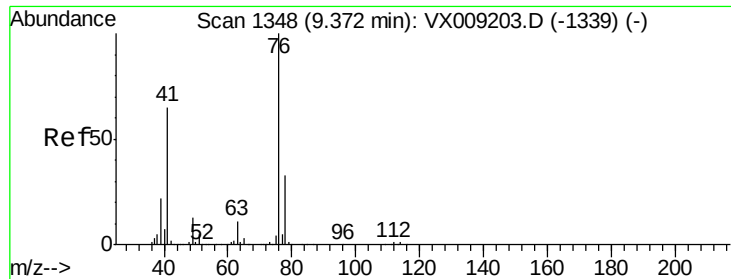
MMDadoda
 5/9/2019 9:49:15 AM



#56
 Ethyl methacrylate
 Concen: 55.289 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009390.D
 Acq: 08 May 2019 11:35

Tgt Ion:	69	Resp:	189075
Ion	Ratio	Lower	Upper
69	100		
41	75.9	60.6	90.8
39	36.2	28.2	42.4





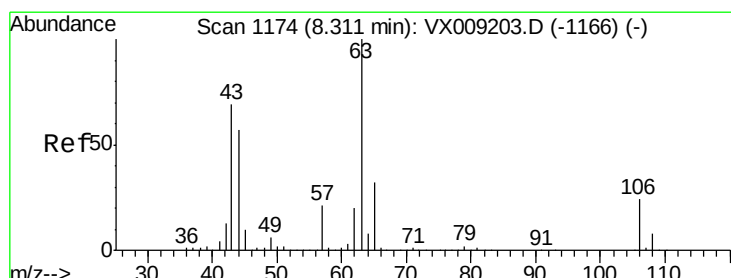
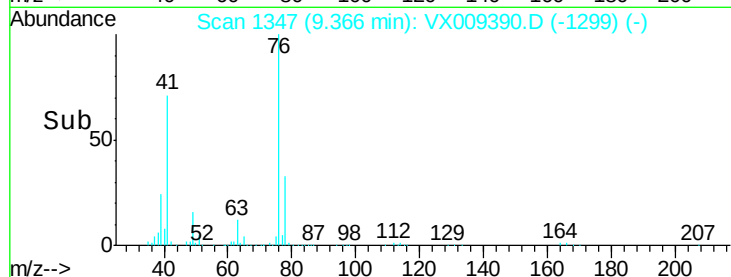
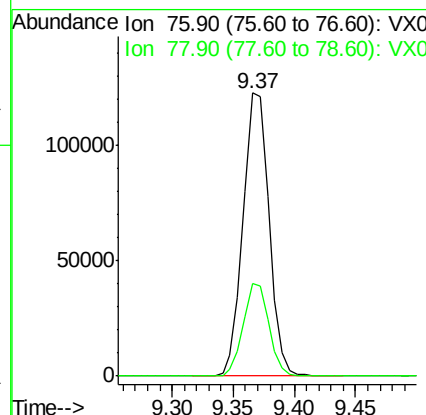
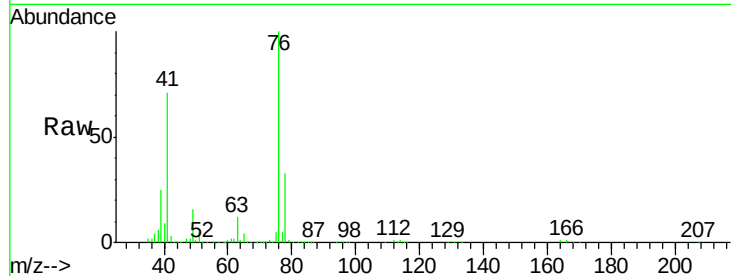
#57
 1,3-Dichloropropane
 Concen: 53.544 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX009390.D
 Acq: 08 May 2019 11:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.5	38.3

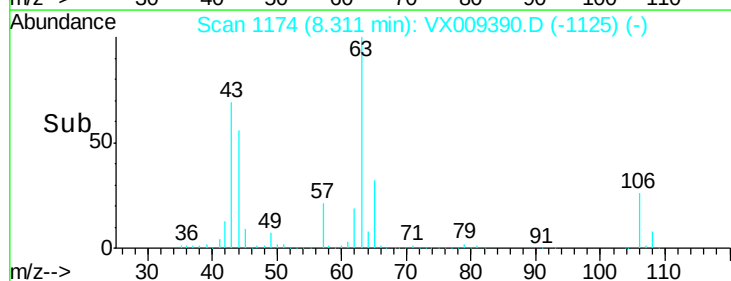
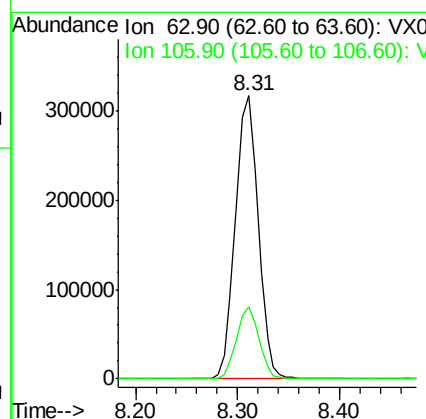
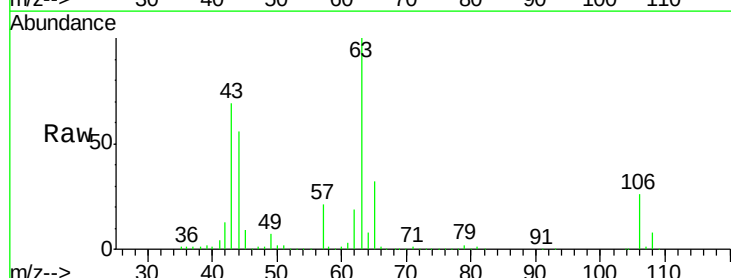
Manual Integrations
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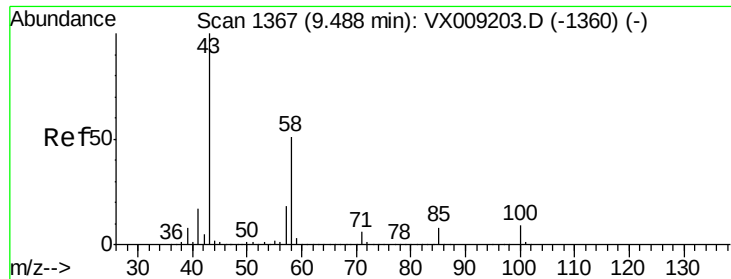
MMDadoda
 5/9/2019 9:49:15 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 270.239 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX009390.D
 Acq: 08 May 2019 11:35

Tgt Ion	Ratio	Lower	Upper
63	100		
106	25.1	19.7	29.5





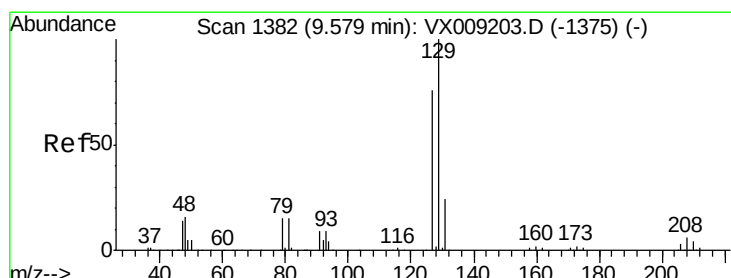
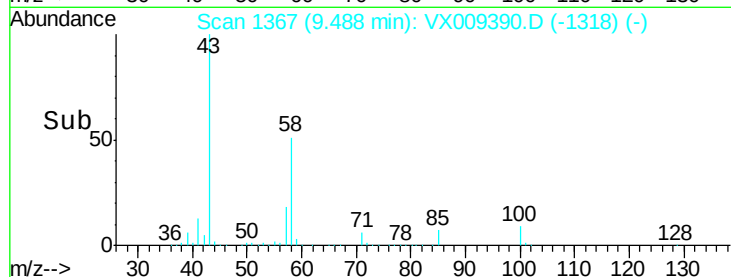
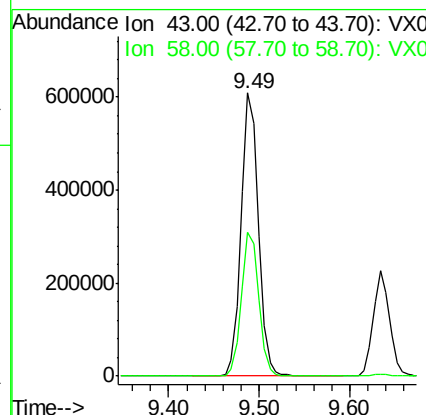
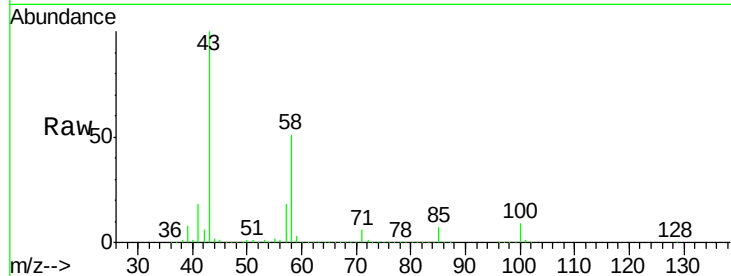
#59
2-Hexanone
Concen: 282.379 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 806396
Ion Ratio Lower Upper
43 100
58 51.3 25.9 77.7

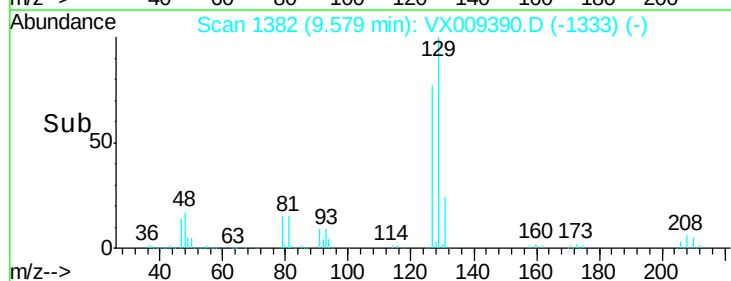
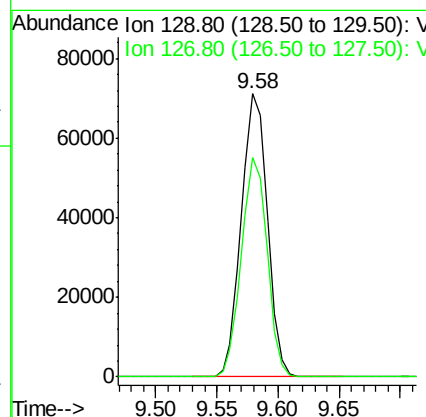
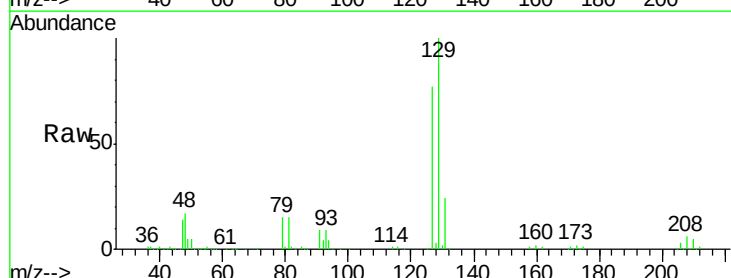
Manual Integrations
APPROVED

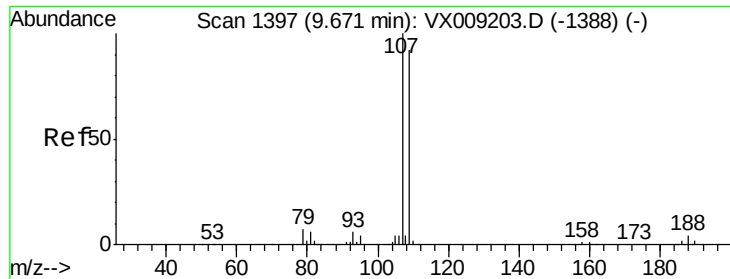
MMDadoda
5/9/2019 9:49:15 AM



#60
Dibromochloromethane
Concen: 56.352 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

Tgt Ion: 129 Resp: 105441
Ion Ratio Lower Upper
129 100
127 76.4 38.4 115.1





#61

1,2-Dibromoethane

Concen: 54.675 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 105732

Ion Ratio Lower Upper

107 100

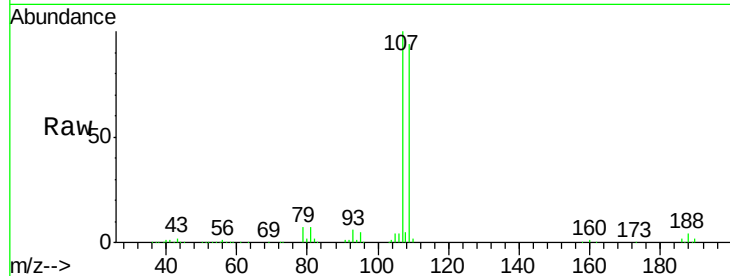
109 94.3 75.2 112.8

Manual Integrations

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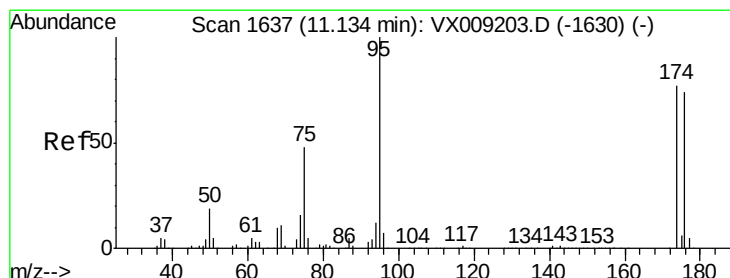
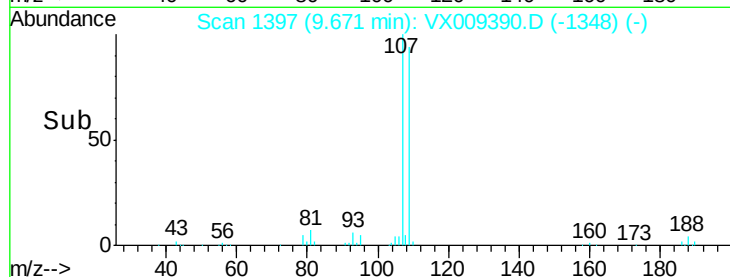
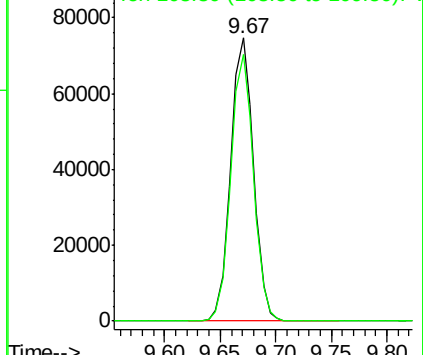
MMDadoda

5/9/2019 9:49:15 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.127 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

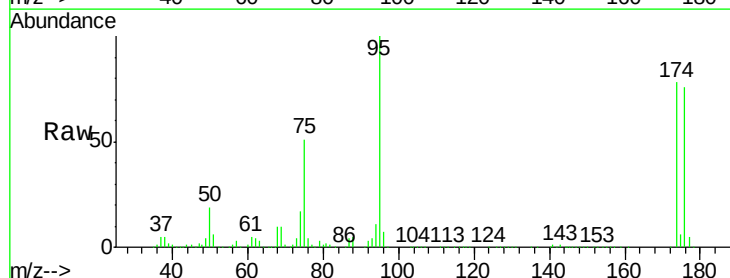
Tgt Ion: 95 Resp: 119212

Ion Ratio Lower Upper

95 100

174 82.4 0.0 161.6

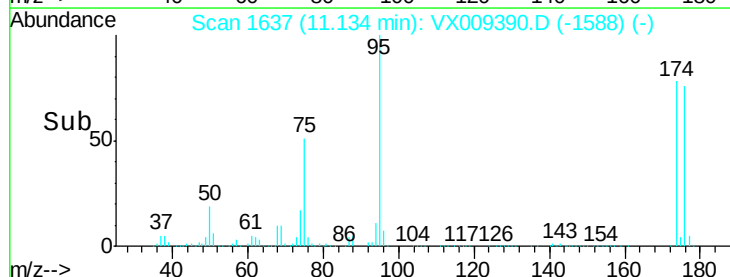
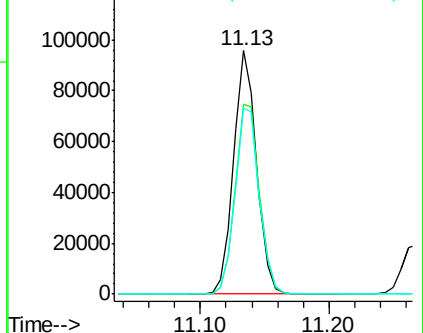
176 80.0 0.0 159.2

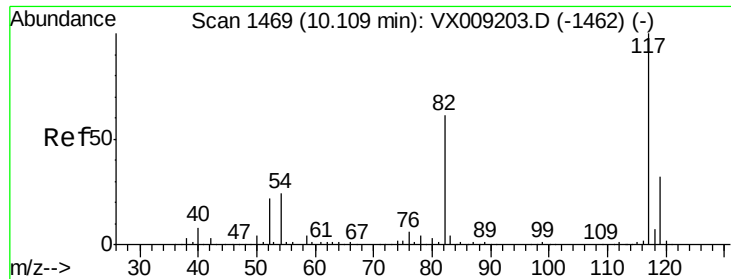


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





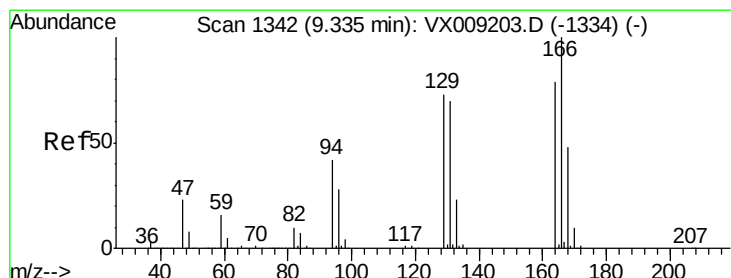
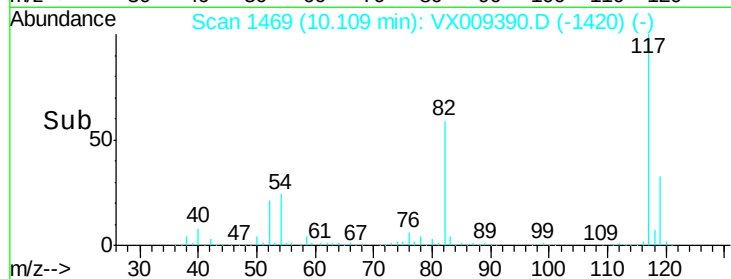
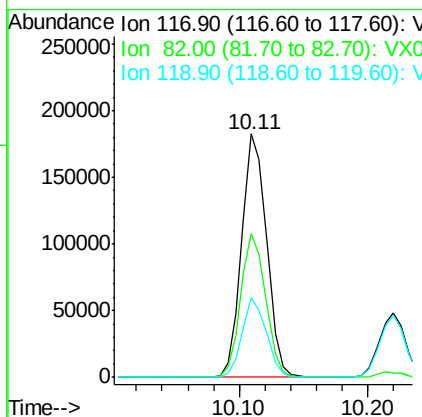
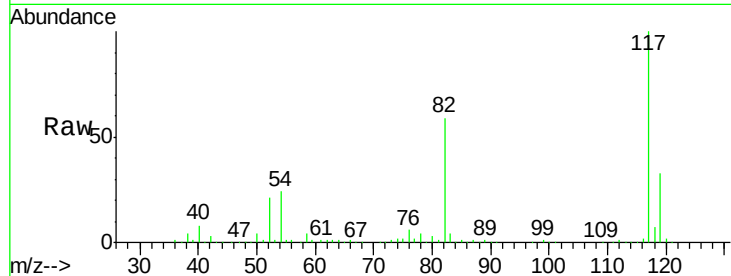
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.1	48.8	73.2
119	32.6	25.8	38.6

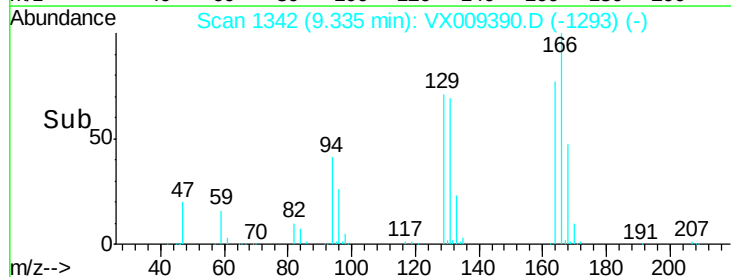
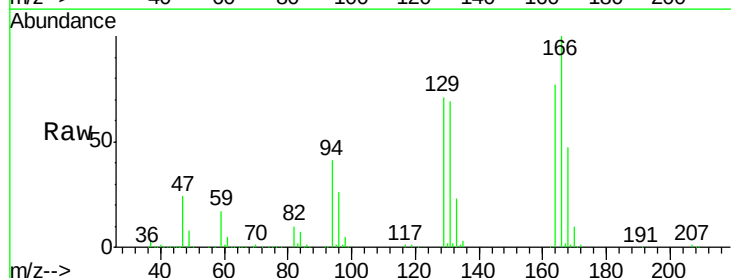
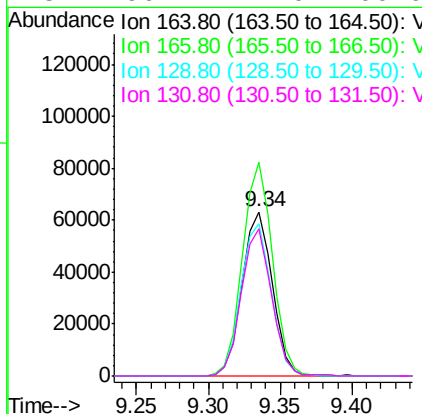
Manual Integrations
APPROVED

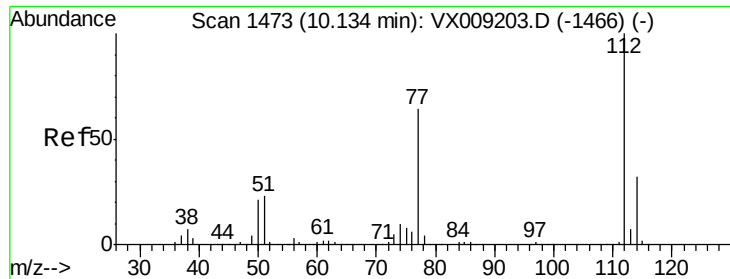
MMDadoda
5/9/2019 9:49:15 AM



#64
Tetrachloroethene
Concen: 54.922 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.3	101.2	151.8
129	93.1	74.3	111.5
131	90.1	71.0	106.6





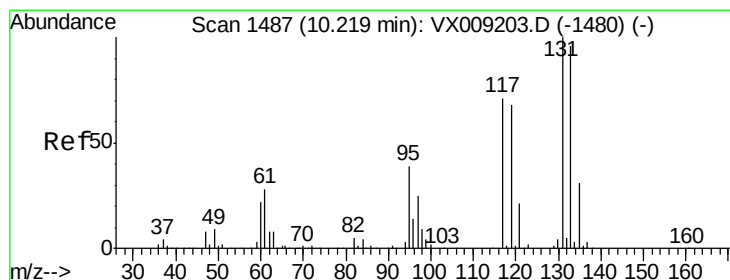
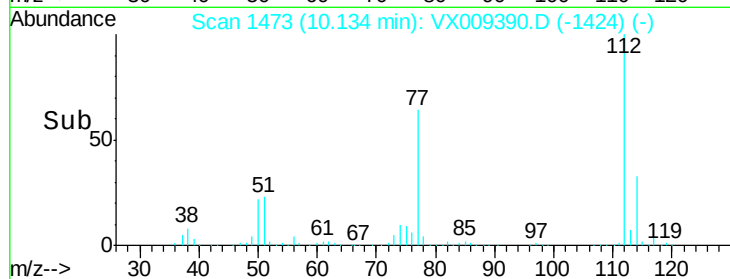
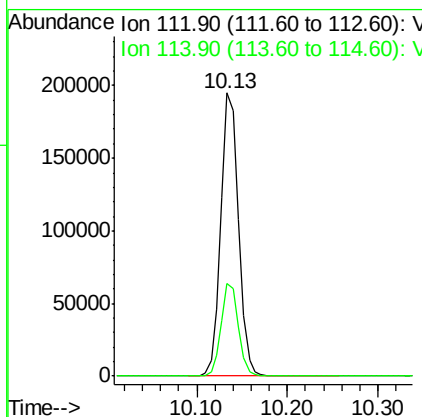
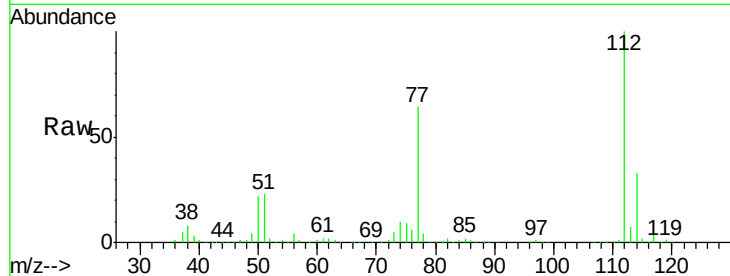
#65
Chlorobenzene
Concen: 54.475 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 266381
Ion Ratio Lower Upper
112 100
114 32.9 25.5 38.3

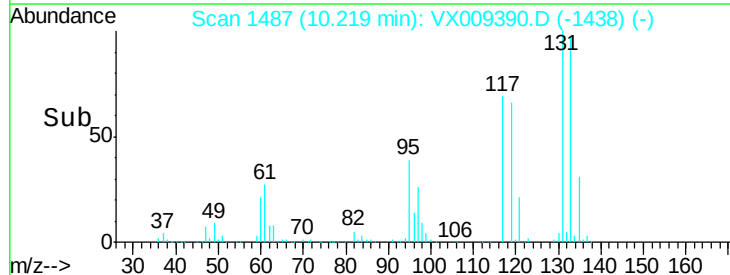
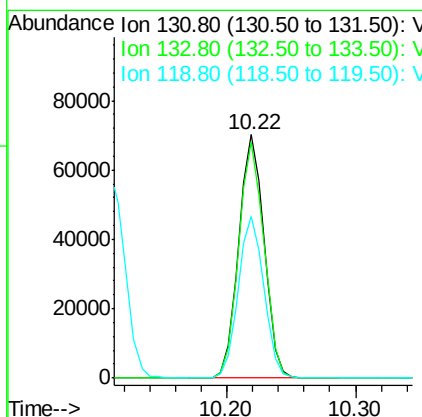
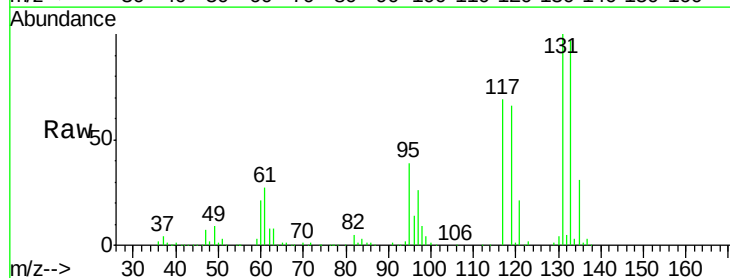
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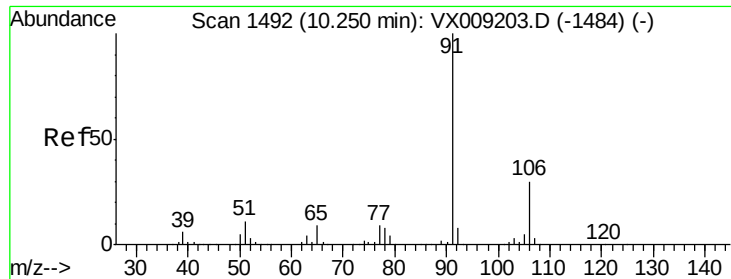
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.991 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

Tgt Ion:131 Resp: 95715
Ion Ratio Lower Upper
131 100
133 96.8 47.7 143.1
119 67.1 33.5 100.4





#67

Ethyl Benzene

Concen: 55.309 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 497747

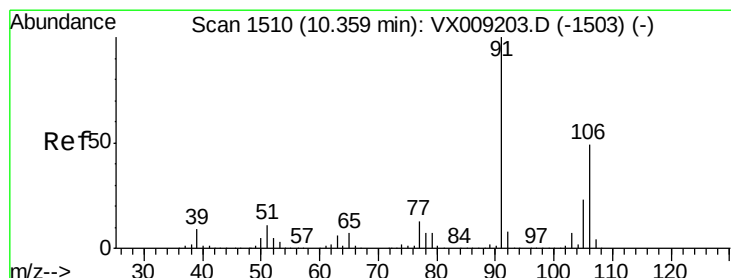
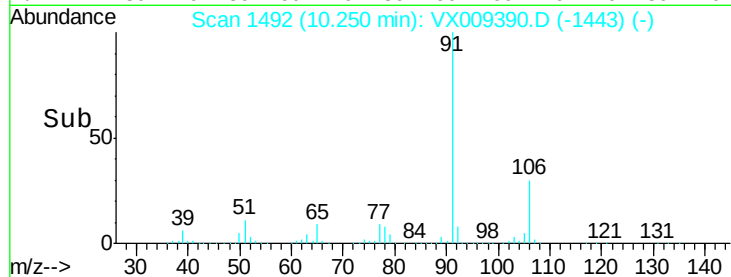
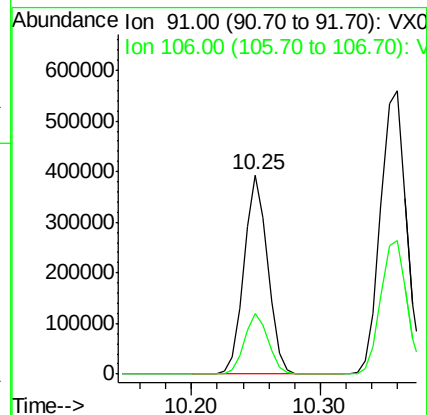
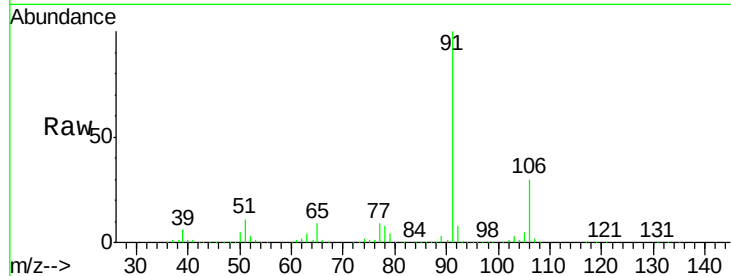
Ion Ratio Lower Upper

91 100

106 30.5 24.0 36.0

Manual Integrations
APPROVED

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#68

m/p-Xylenes

Concen: 111.816 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX009390.D

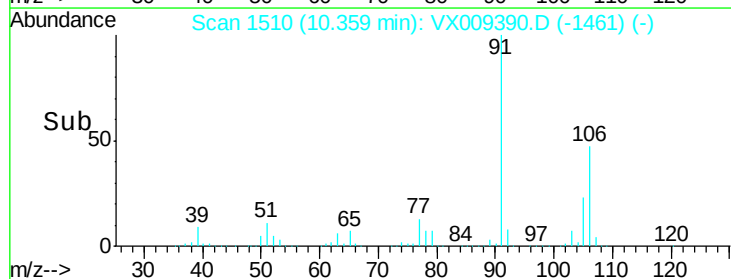
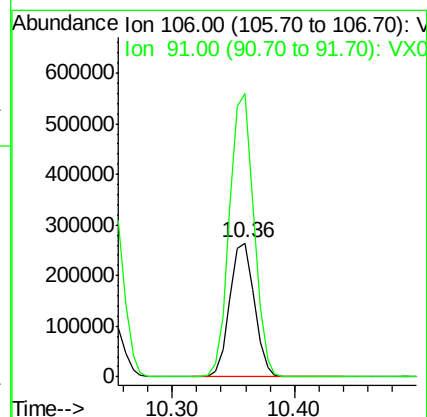
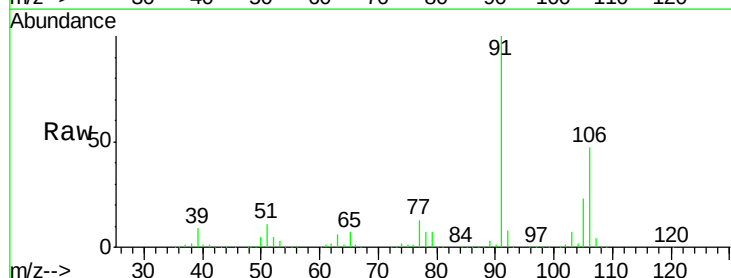
Acq: 08 May 2019 11:35

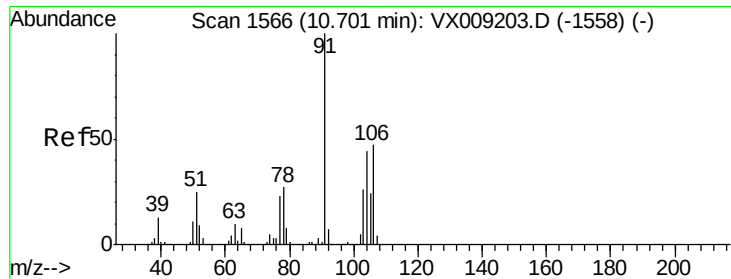
Tgt Ion: 106 Resp: 367722

Ion Ratio Lower Upper

106 100

91 209.5 164.0 246.0





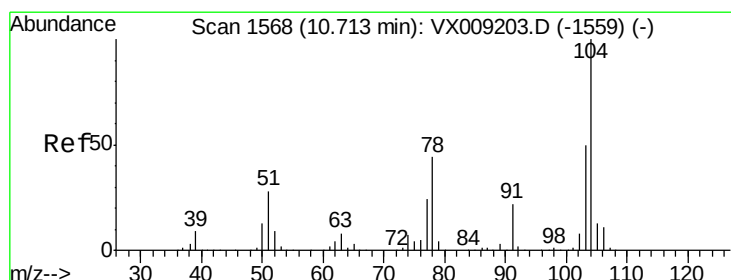
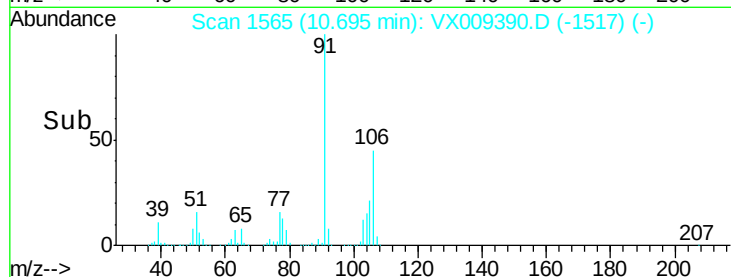
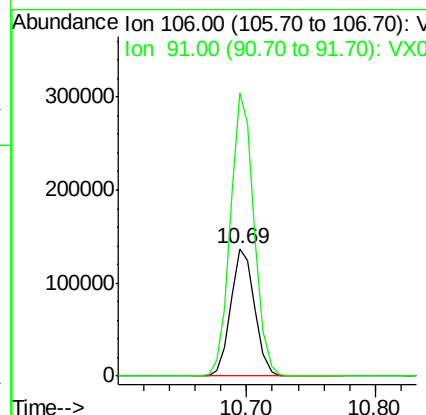
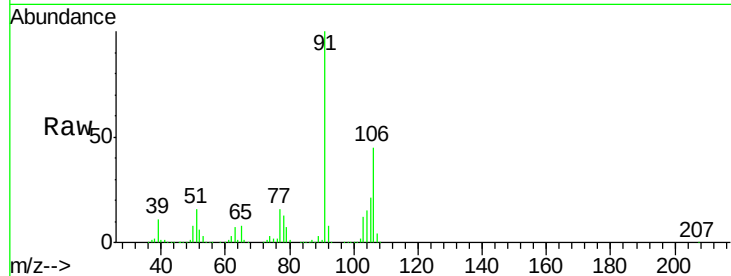
#69
o-Xylene
Concen: 55.203 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		179121		
91	219.2	109.5	328.4		

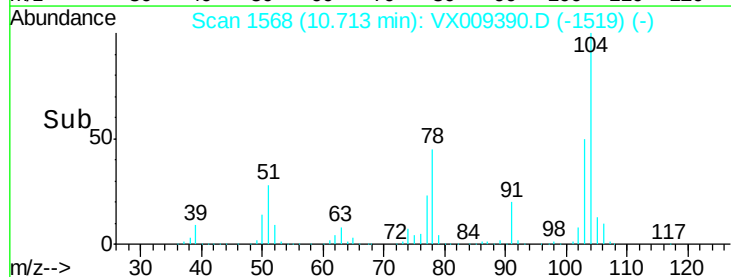
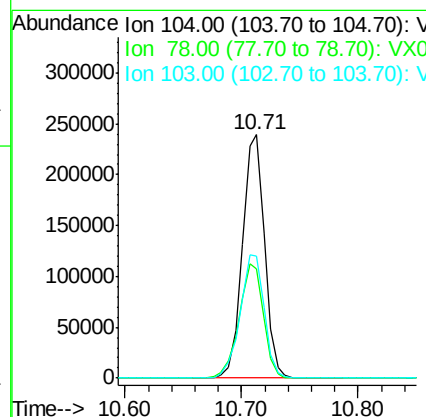
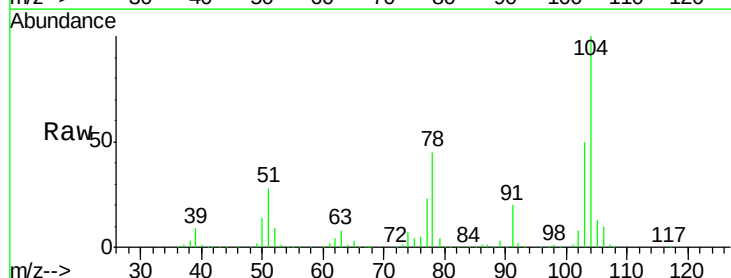
Manual Integrations
APPROVED

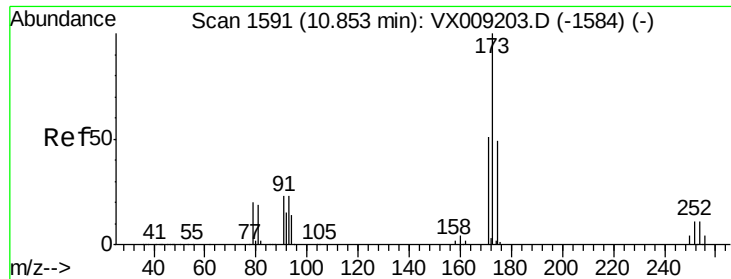
MMDadoda
5/9/2019 9:49:15 AM



#70
Styrene
Concen: 56.200 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		316946		
78	51.4	41.0	61.4		
103	55.2	43.8	65.6		





#71

Bromoform

Concen: 56.374 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Instrument :

MSVOA_X

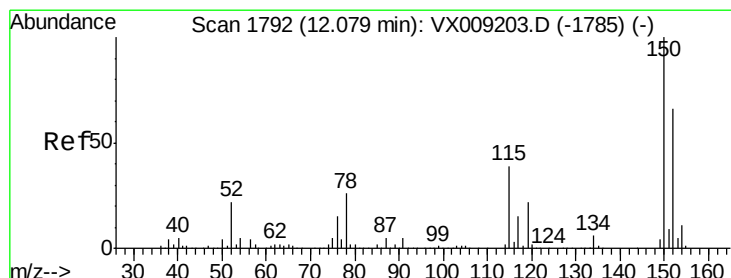
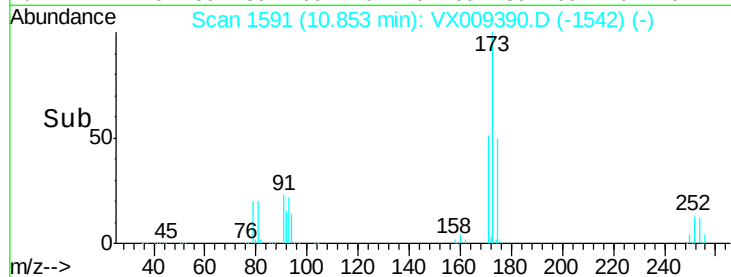
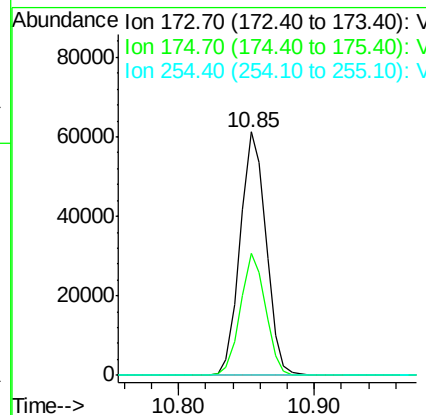
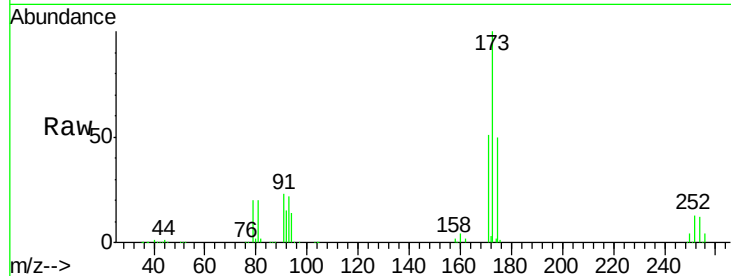
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.5	73.5
254	0.1	0.1	0.1

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

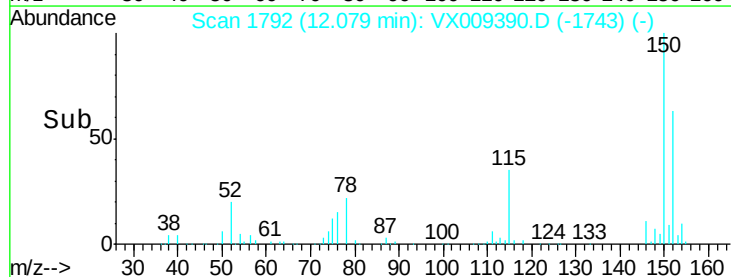
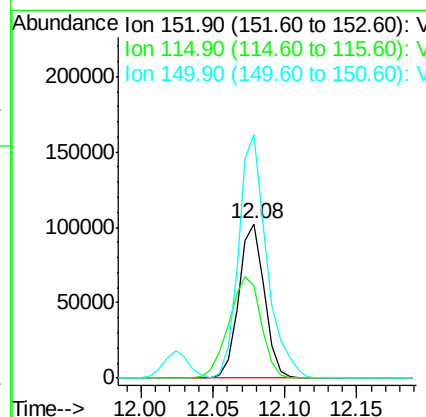
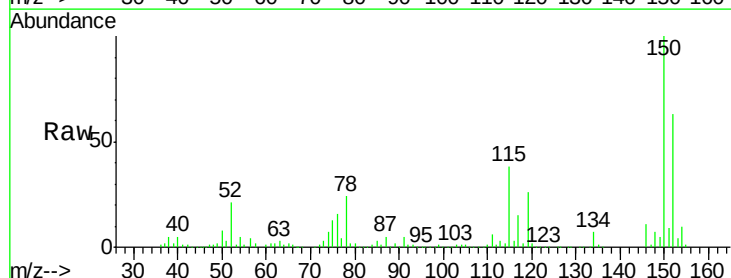
RT: 12.08 min Scan# 1792

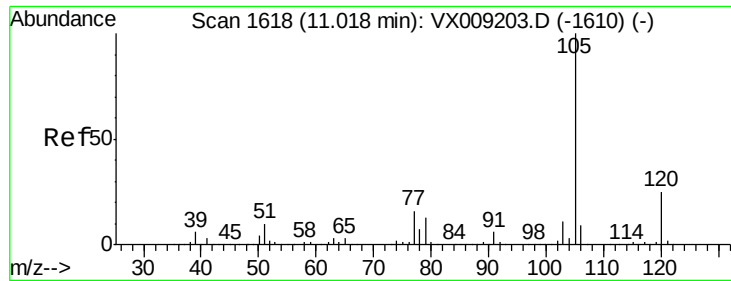
Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	84.0	41.2	123.6
150	173.4	0.0	346.4





#73

Isopropylbenzene

Concen: 52.655 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 484850

Ion Ratio Lower Upper

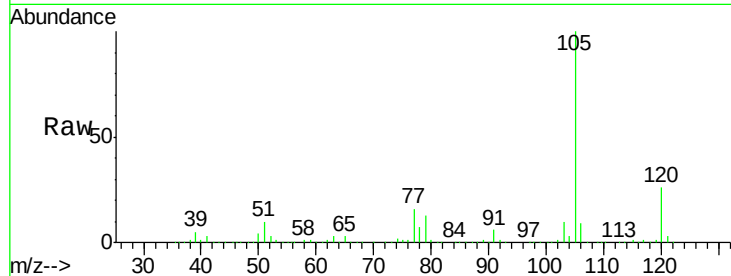
105 100

120 25.8 12.8 38.3

Manual Integrations
APPROVED

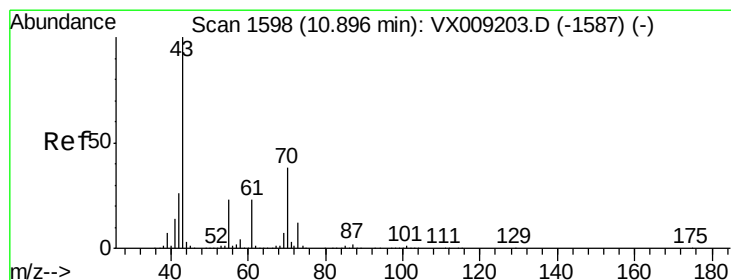
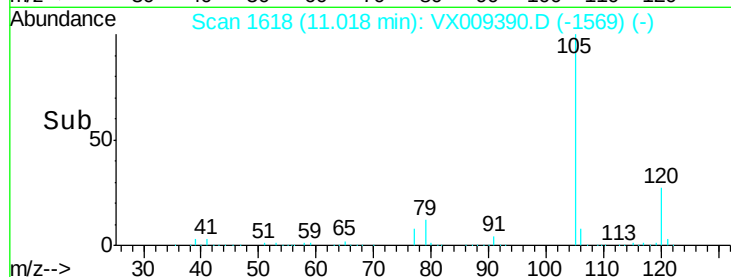
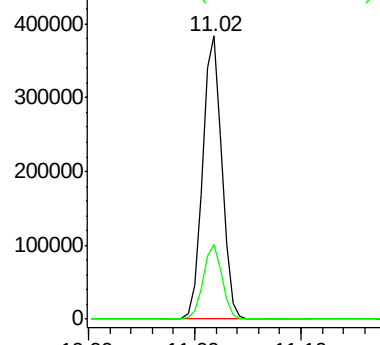
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.991 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Tgt Ion: 43 Resp: 284479

Ion Ratio Lower Upper

43 100

70 37.1 30.0 45.0

55 22.3 17.9 26.9

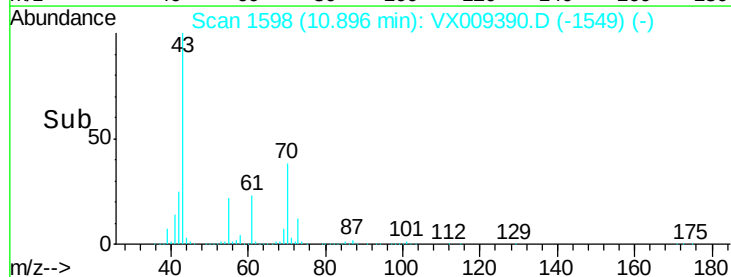
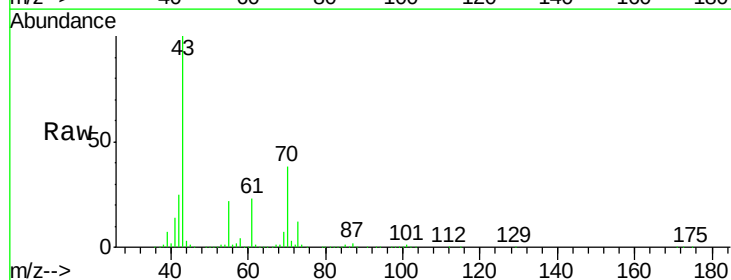
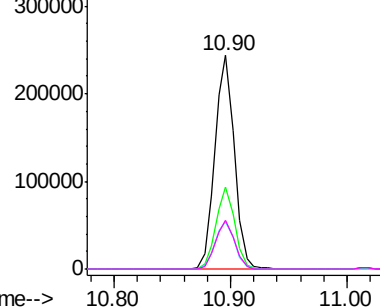
61 22.5 18.4 27.6

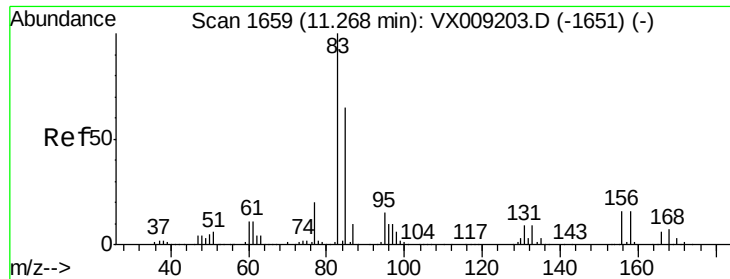
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.650 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Instrument :

MSVOA_X

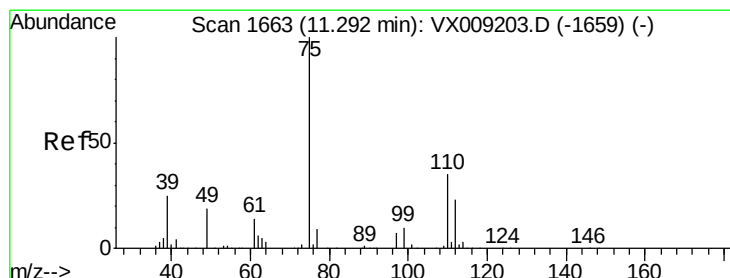
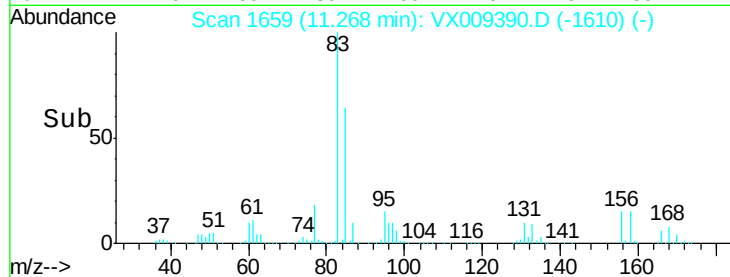
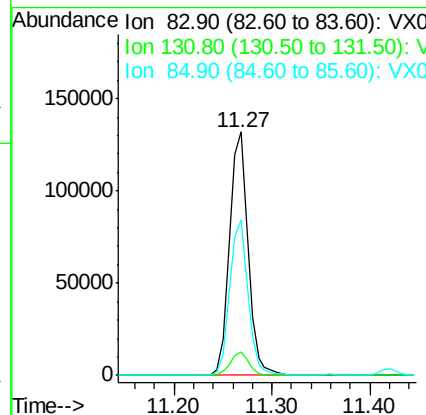
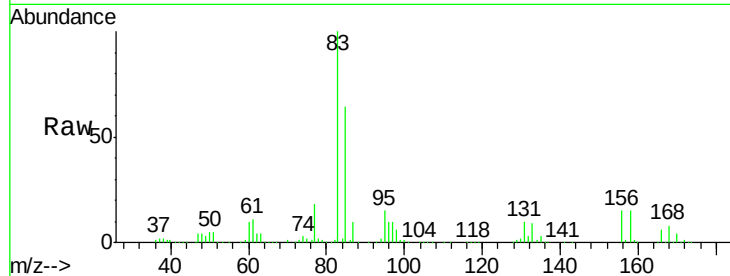
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	173864
Ion Ratio	Lower	Upper	
83	100		
131	9.5	4.6	13.8
85	63.7	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 51.256 ug/l m

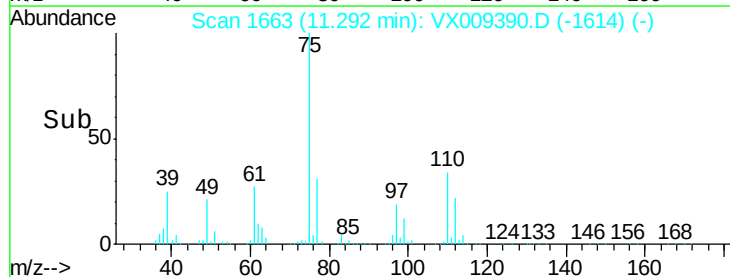
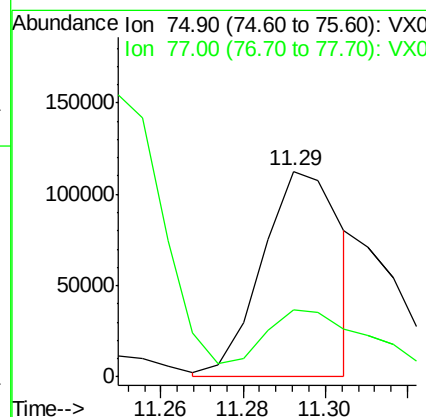
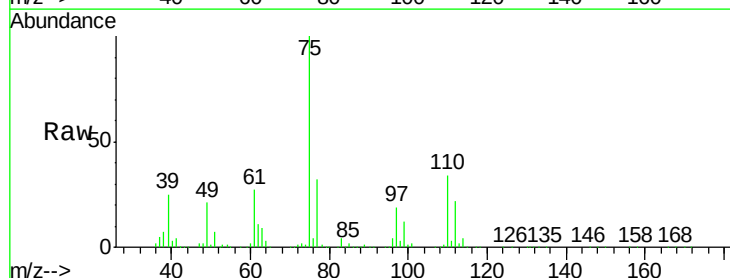
RT: 11.29 min Scan# 1663

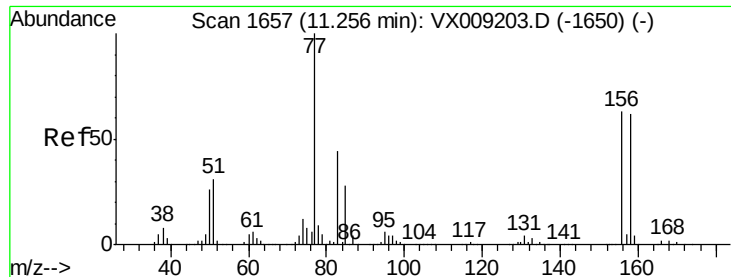
Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Tgt Ion:	75	Resp:	150553
Ion Ratio	Lower	Upper	
75	100		
77	44.8	22.1	66.1





#77

Bromobenzene

Concen: 51.808 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Instrument :

MSVOA_X

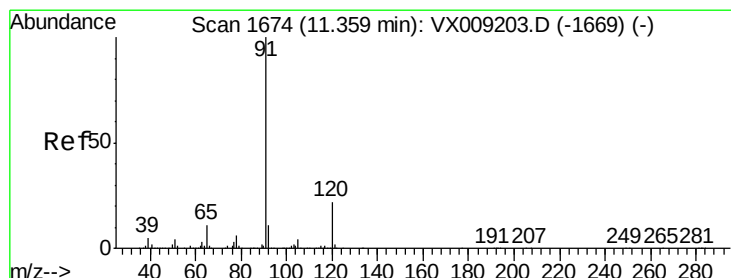
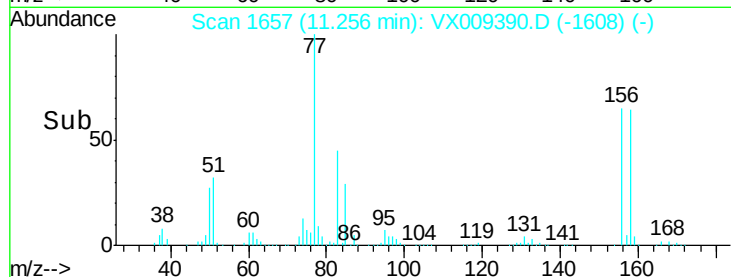
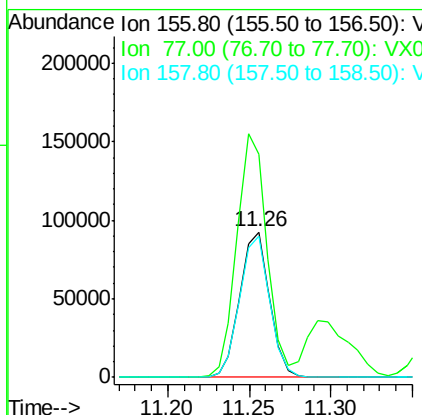
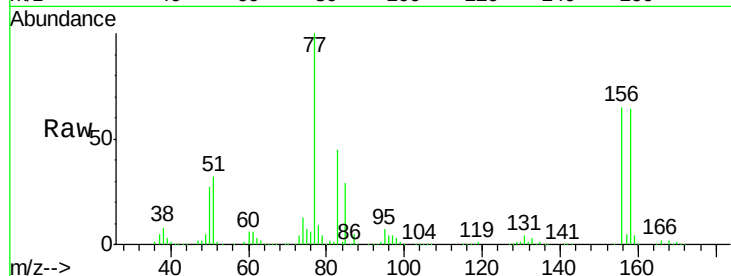
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	118406
Ion Ratio	Lower	Upper	
156	100		
77	168.4	84.8	254.3
158	97.8	49.1	147.3

Manual Integrations
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#78

n-propylbenzene

Concen: 53.633 ug/l

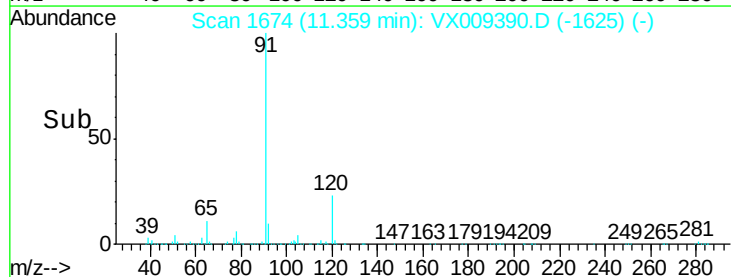
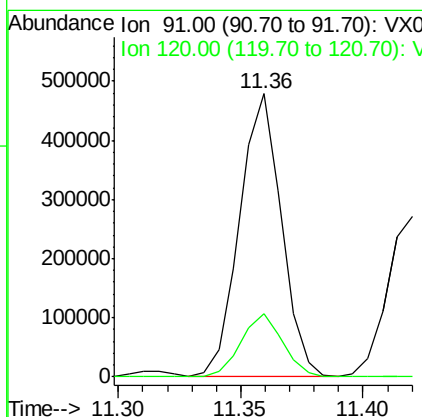
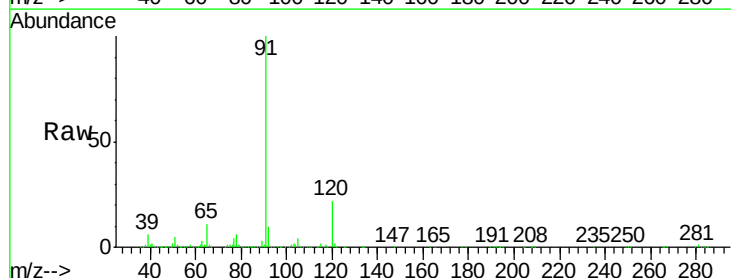
RT: 11.36 min Scan# 1674

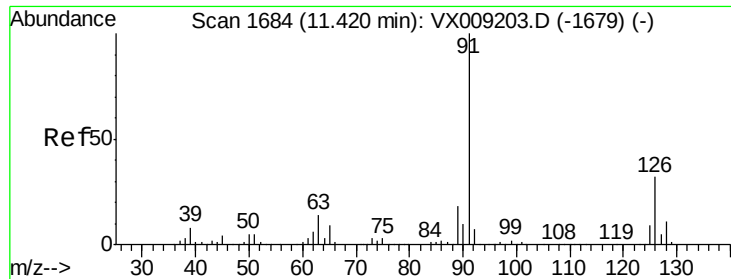
Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Tgt Ion:	91	Resp:	564015
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.0	33.0





#79

2-Chlorotoluene

Concen: 51.403 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 333497

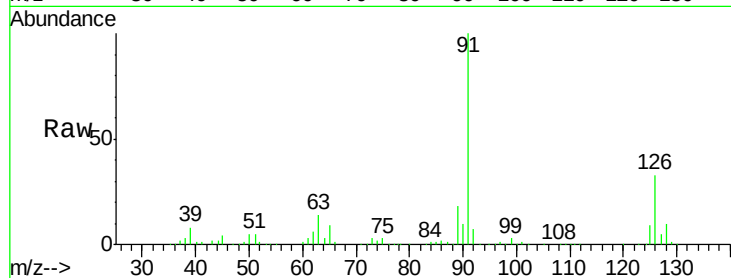
Ion Ratio Lower Upper

91 100

126 32.8 16.3 48.9

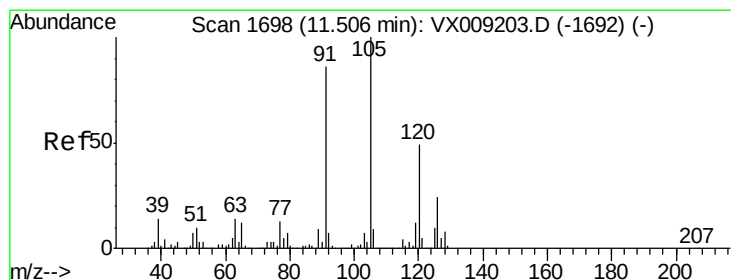
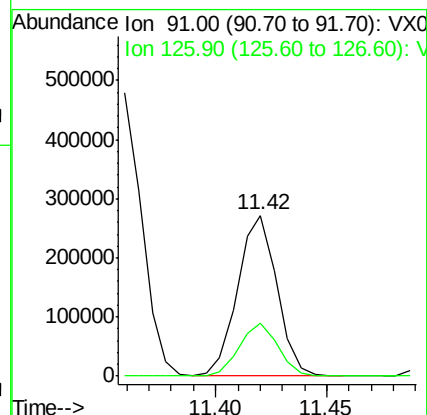
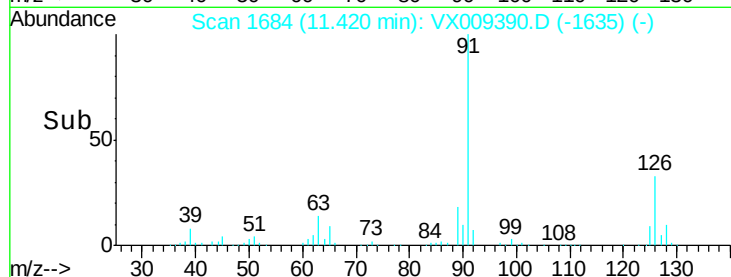
Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX009203.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX009203.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.443 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009390.D

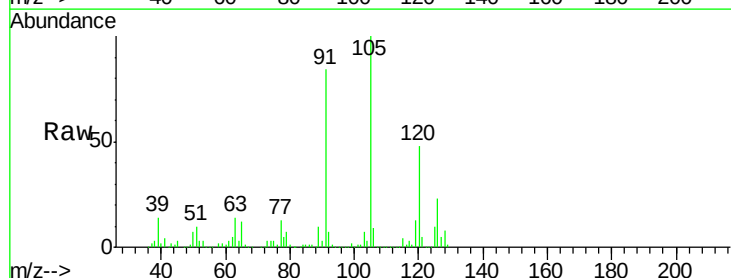
Acq: 08 May 2019 11:35

Tgt Ion: 105 Resp: 414356

Ion Ratio Lower Upper

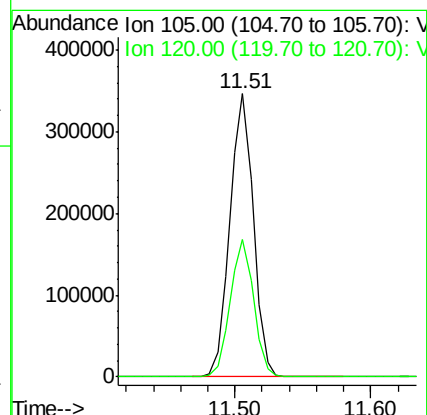
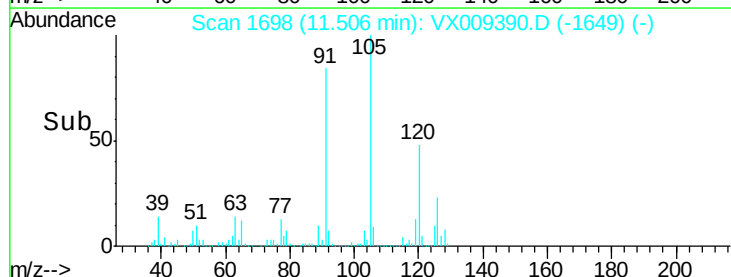
105 100

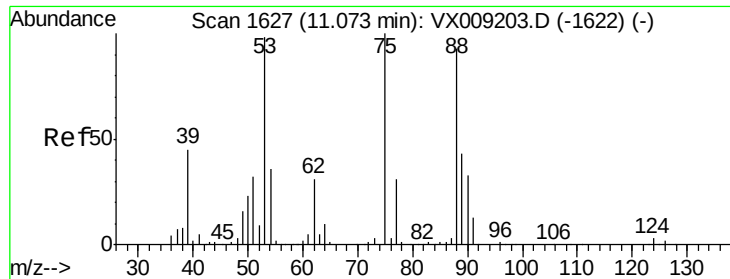
120 48.2 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VX009203.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX009203.D (-1692) (-)





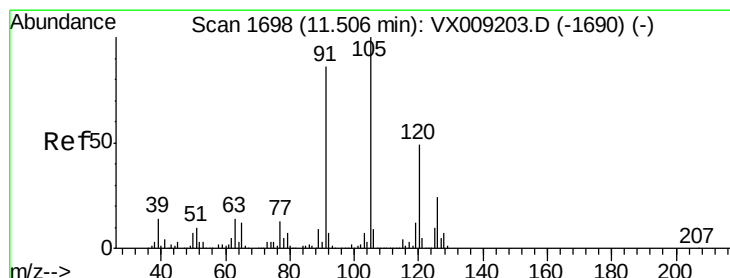
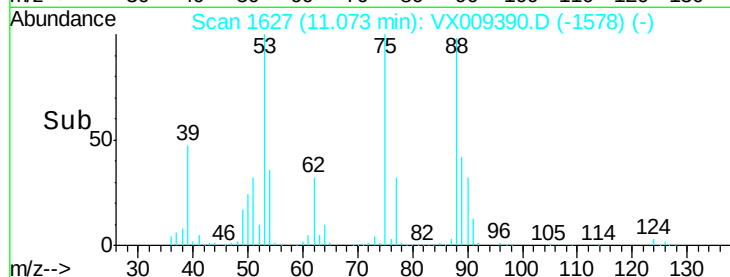
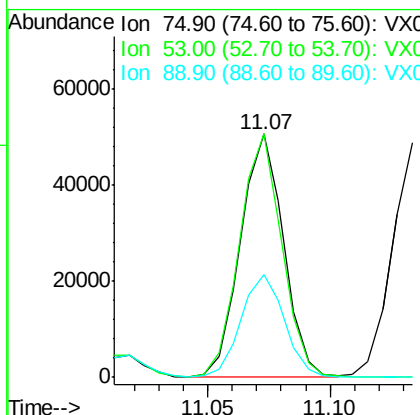
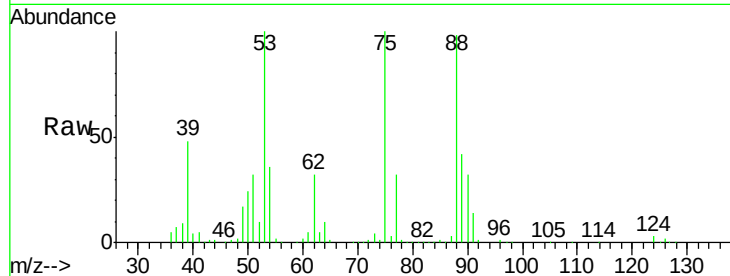
#81
trans-1,4-Dichloro-2-butene
Concen: 53.693 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.7	79.0	118.6
89	43.0	34.7	52.1

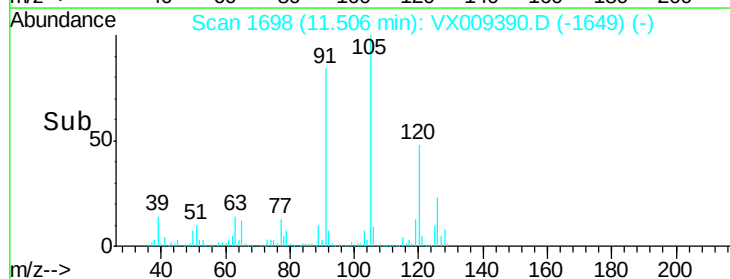
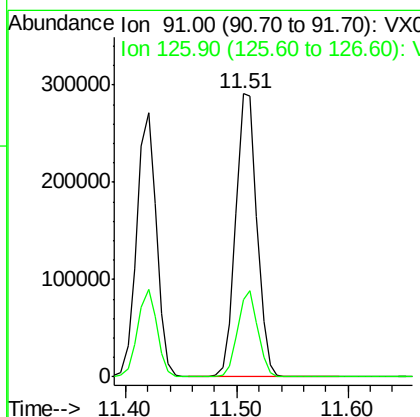
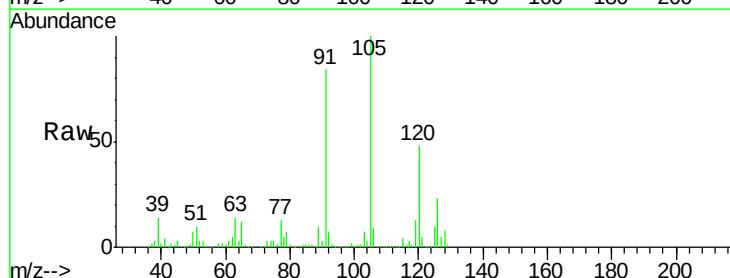
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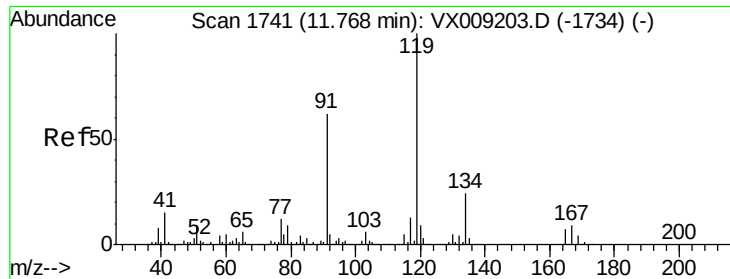
MMDadoda
5/9/2019 9:49:15 AM



#82
4-Chlorotoluene
Concen: 52.513 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.8	14.5	43.6





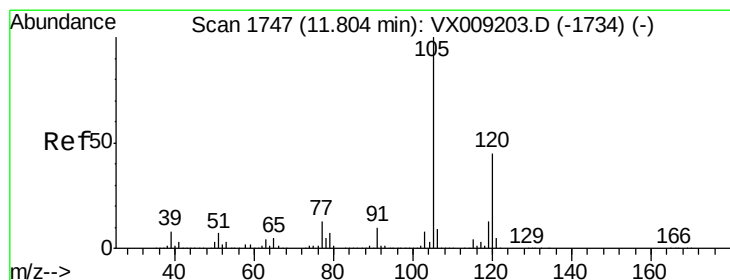
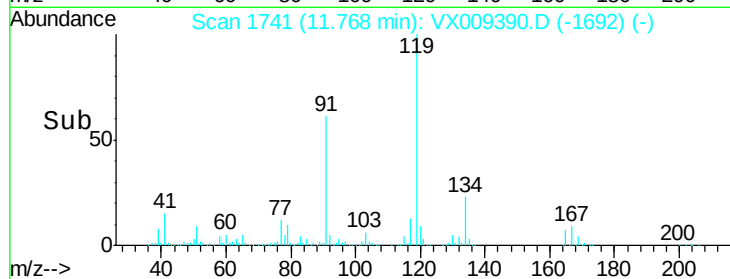
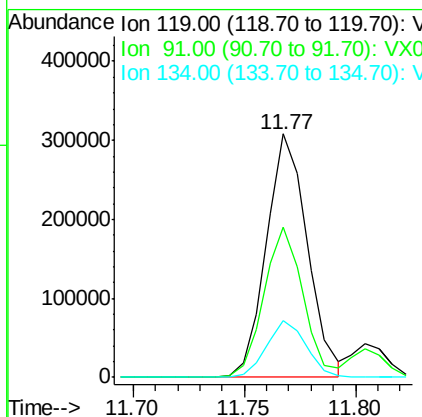
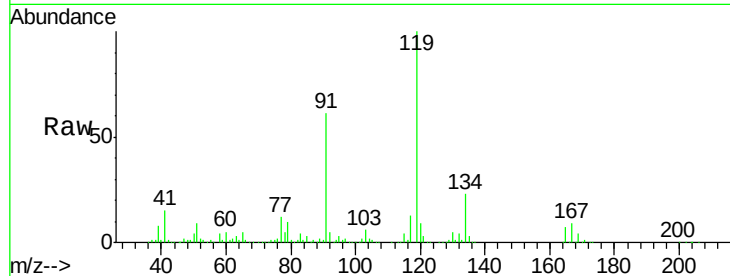
#83
 tert-Butylbenzene
 Concen: 52.264 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX009390.D
 Acq: 08 May 2019 11:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	394193		
91	58.8	29.5	88.5	
134	22.3	11.4	34.1	

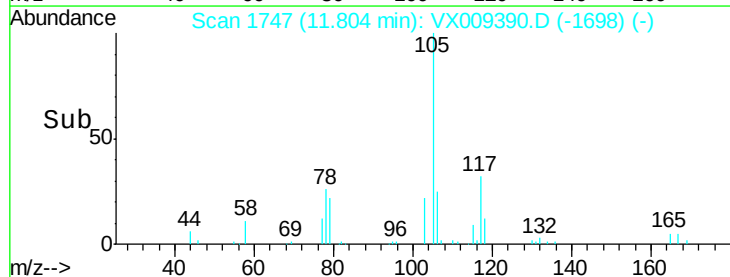
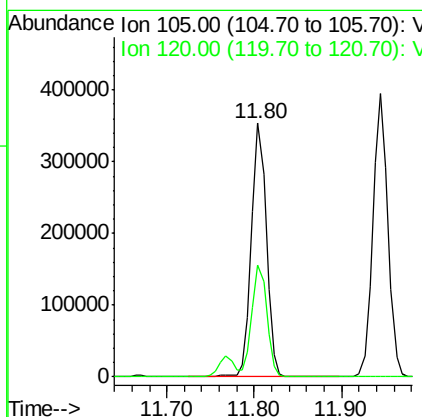
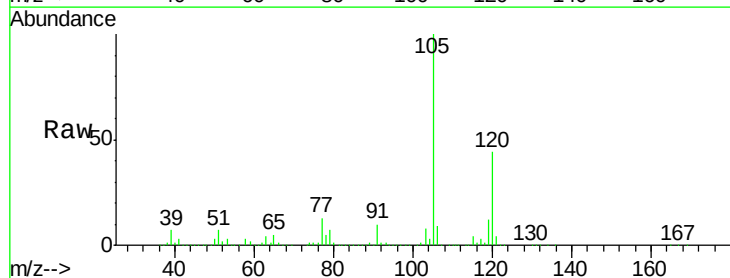
Manual Integrations
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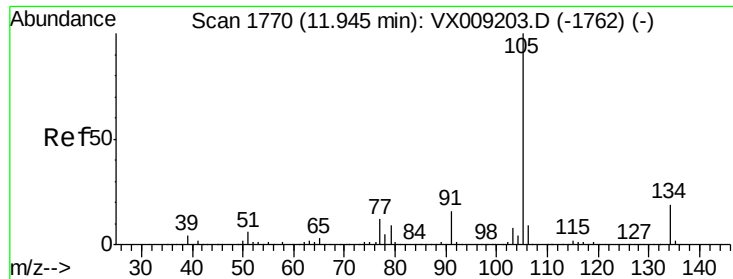
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.385 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009390.D
 Acq: 08 May 2019 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	415455		
120	43.9	22.0	66.0	





#85

sec-Butylbenzene

Concen: 53.180 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 475536

Ion Ratio Lower Upper

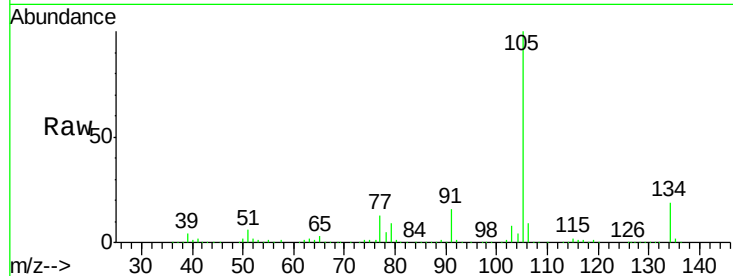
105 100

134 19.6 9.7 28.9

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

Ion 134.00 (133.70 to 134.70): V

11.94

400000

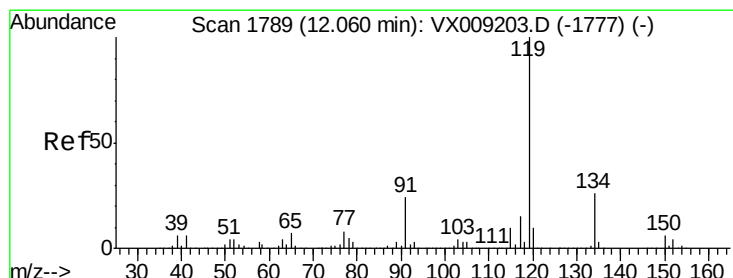
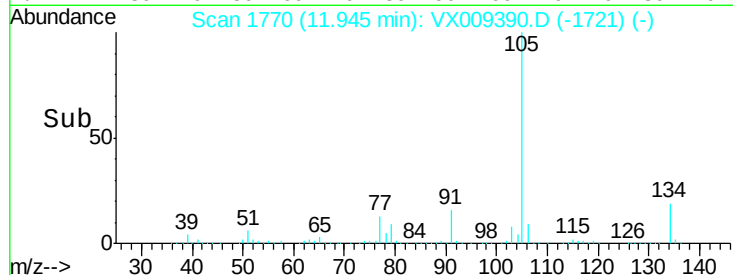
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 54.445 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009390.D

Acq: 08 May 2019 11:35

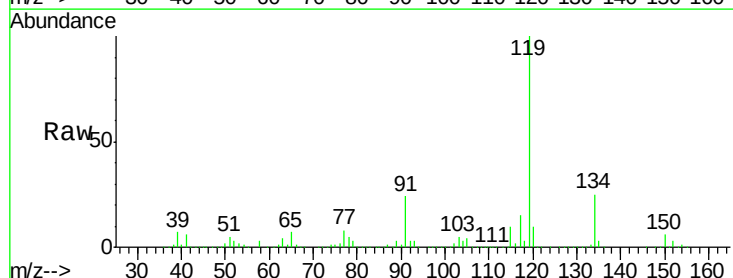
Tgt Ion:119 Resp: 437675

Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.7

91 23.7 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): VX0

12.06

500000

400000

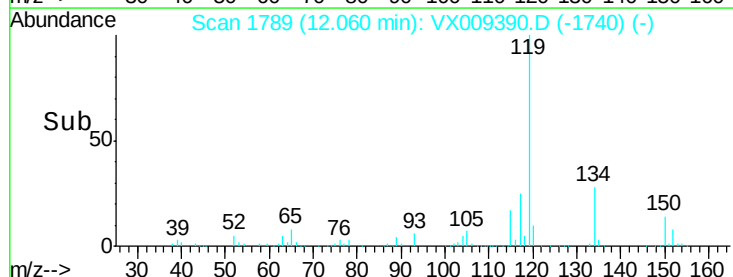
300000

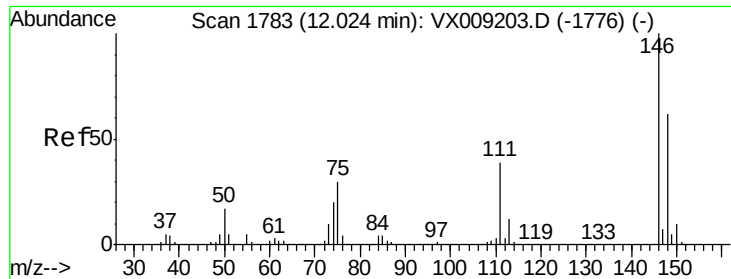
200000

100000

0

Time-->





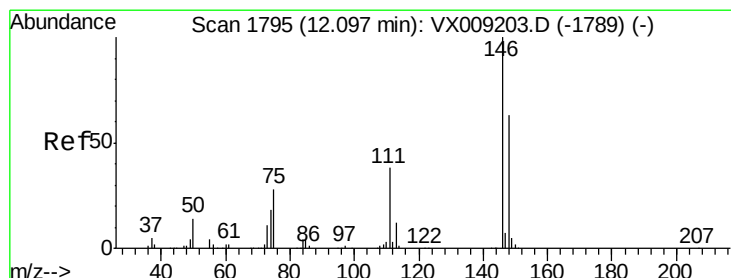
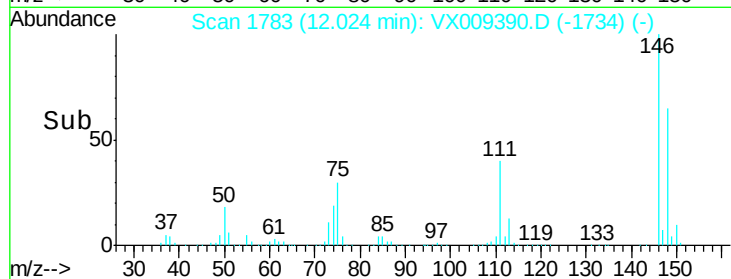
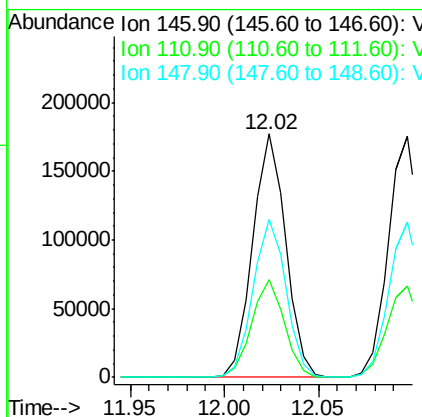
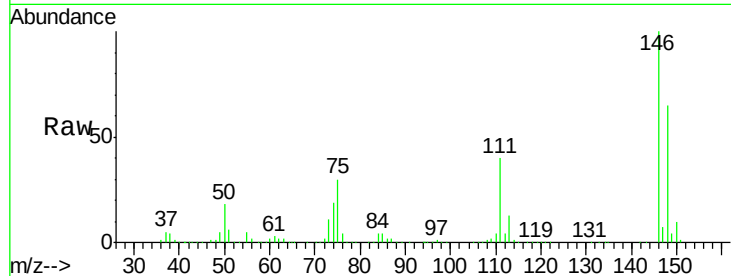
#87
 1,3-Dichlorobenzene
 Concen: 52.917 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009390.D
 Acq: 08 May 2019 11:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.0	59.9
148	64.9	31.8	95.3

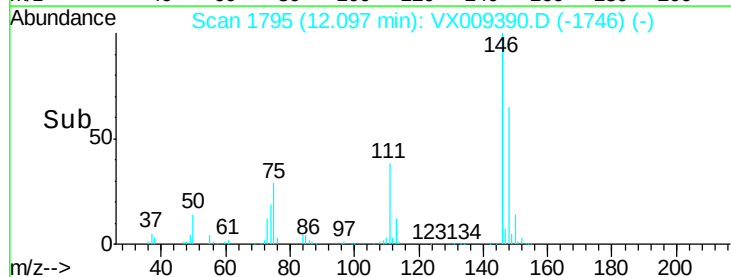
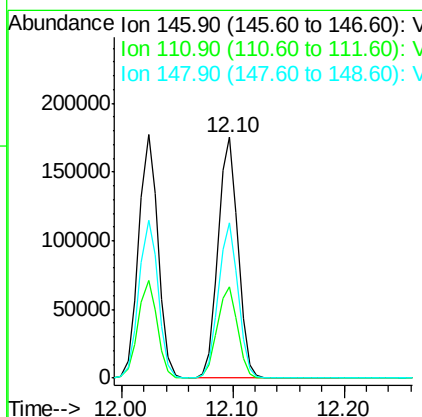
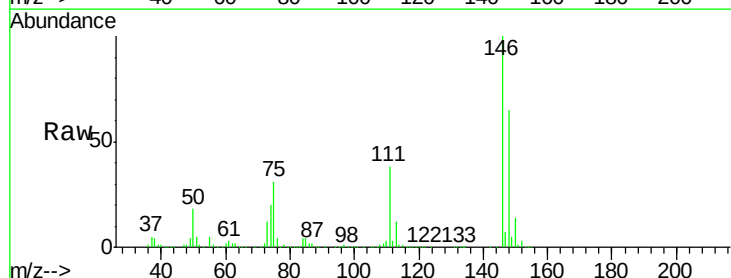
Manual Integrations
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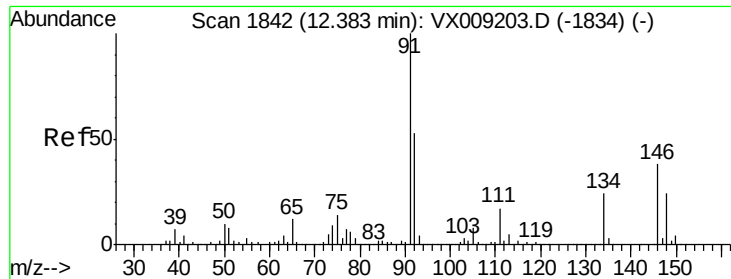
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#88
 1,4-Dichlorobenzene
 Concen: 52.723 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009390.D
 Acq: 08 May 2019 11:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.6	58.8
148	64.3	31.8	95.3





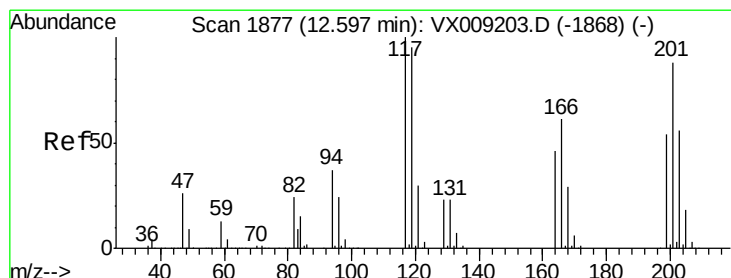
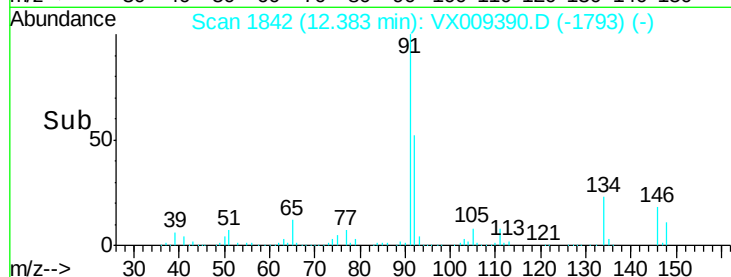
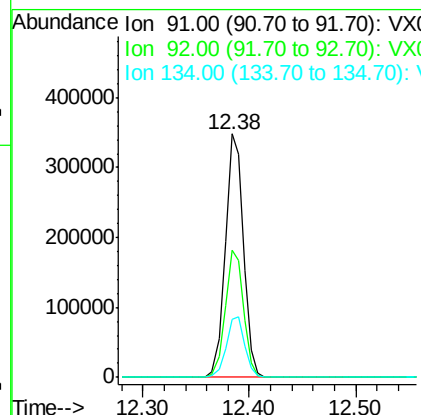
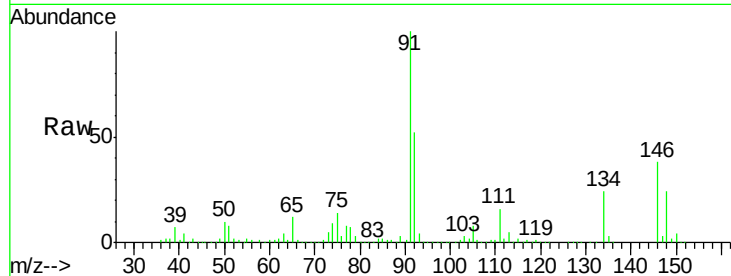
#89
n-Butylbenzene
Concen: 56.781 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.5	79.5
134	25.0	12.4	37.2

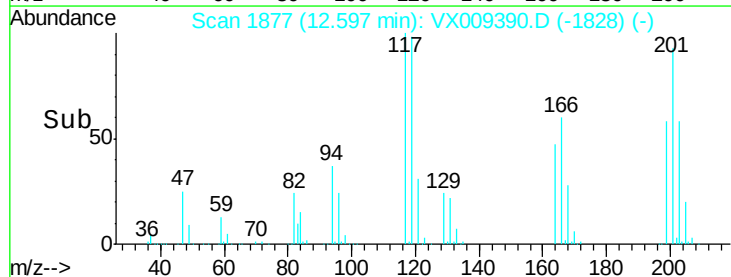
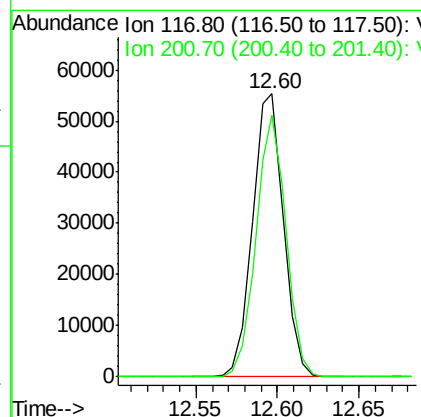
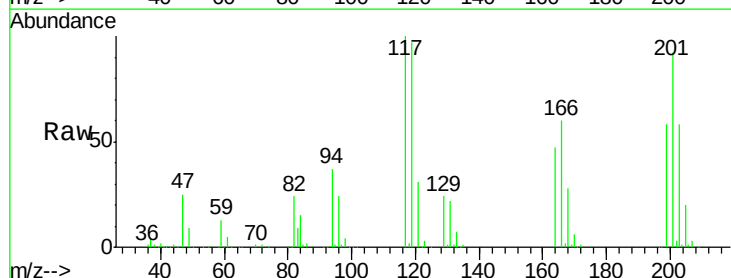
Manual Integrations
APPROVED

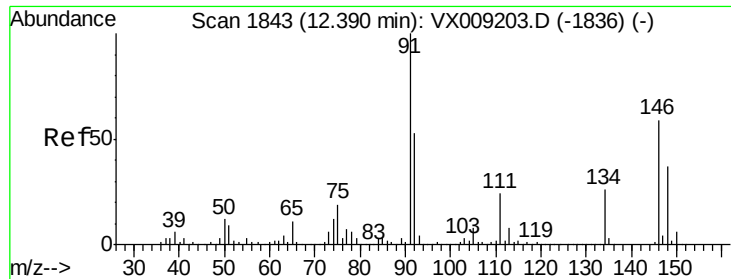
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#90
Hexachloroethane
Concen: 53.297 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.4	42.3	126.9





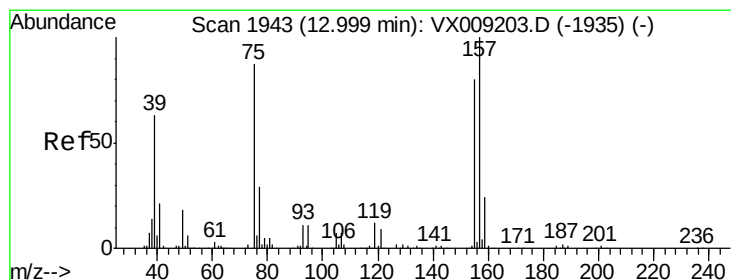
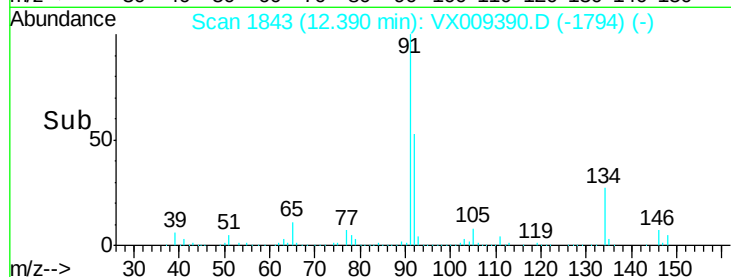
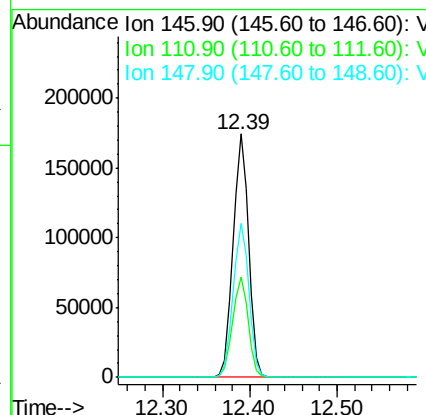
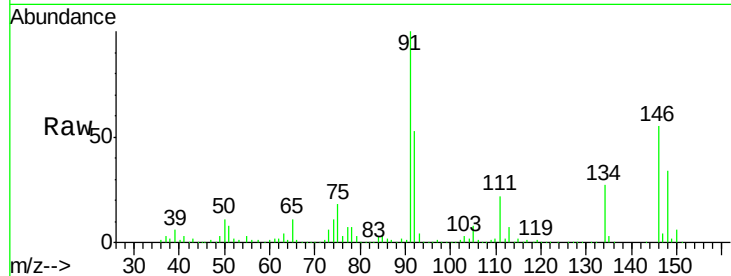
#91
 1,2-Dichlorobenzene
 Concen: 51.918 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX009390.D
 Acq: 08 May 2019 11:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.8	62.4
148	64.2	31.9	95.9

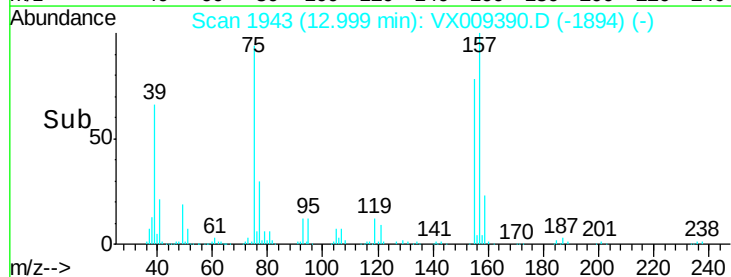
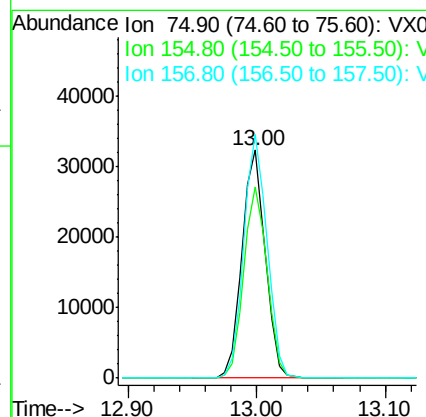
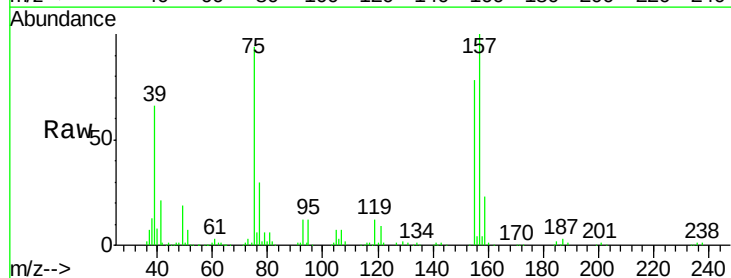
Manual Integrations
 APPROVED

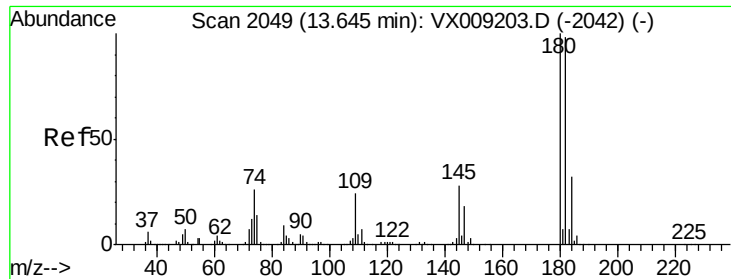
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 5/9/2019 9:49:15 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.748 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009390.D
 Acq: 08 May 2019 11:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.8	42.0	126.0
157	106.3	53.2	159.6





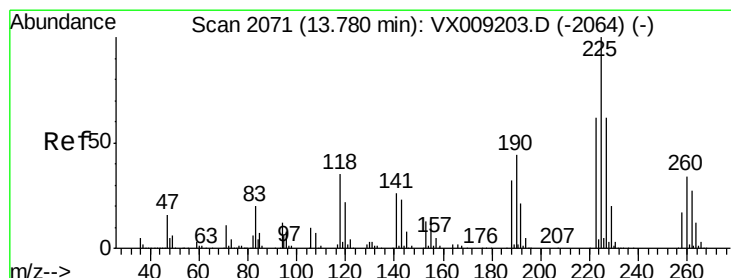
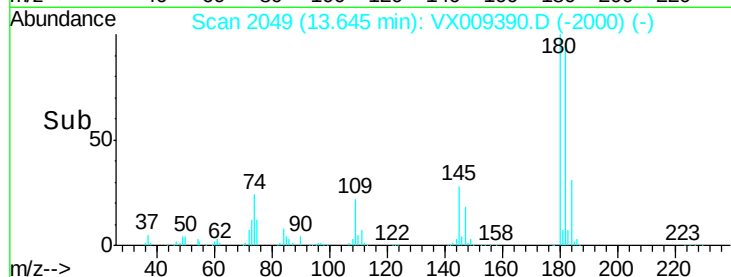
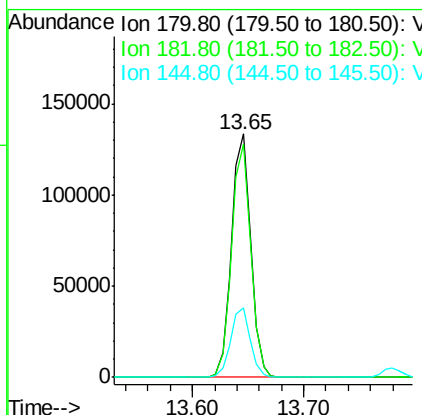
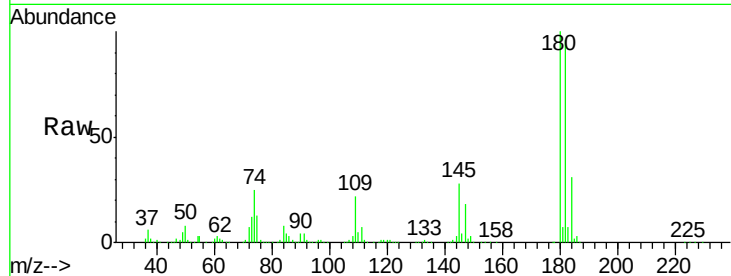
#93
 1,2,4-Trichlorobenzene
 Concen: 56.197 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009390.D
 Acq: 08 May 2019 11:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	159475		
182	95.6	48.4	145.2	
145	28.9	14.6	43.8	

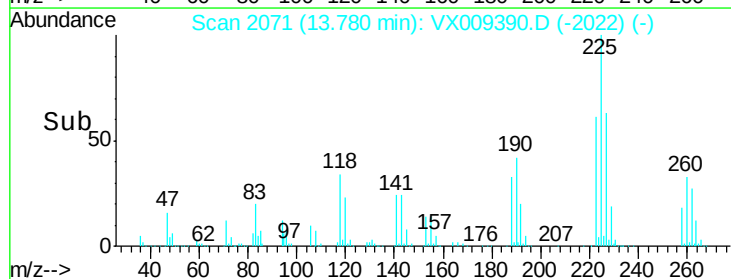
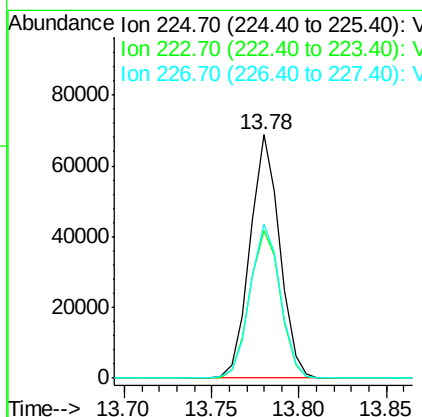
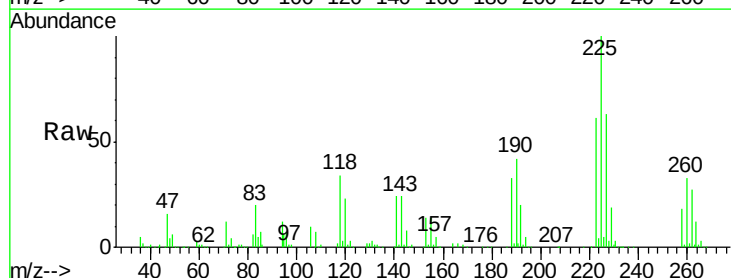
Manual Integrations
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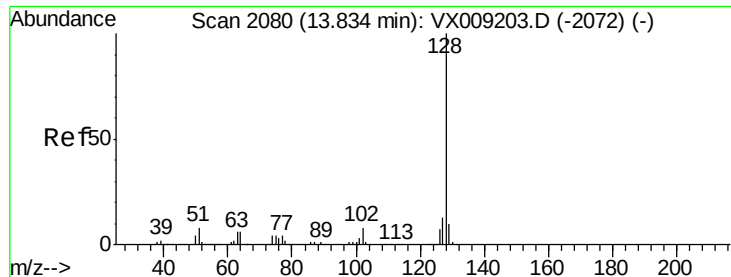
MMDadoda
 5/9/2019 9:49:15 AM



#94
 Hexachlorobutadiene
 Concen: 55.575 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009390.D
 Acq: 08 May 2019 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	80537		
223	63.7	31.3	93.8	
227	64.8	31.8	95.3	





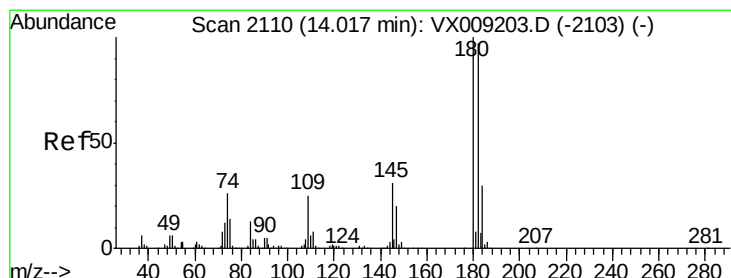
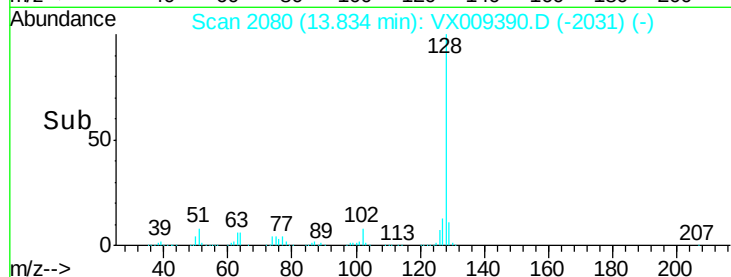
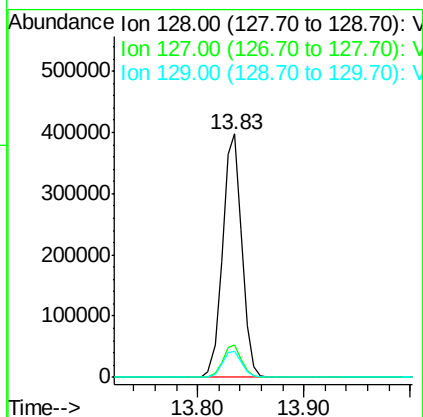
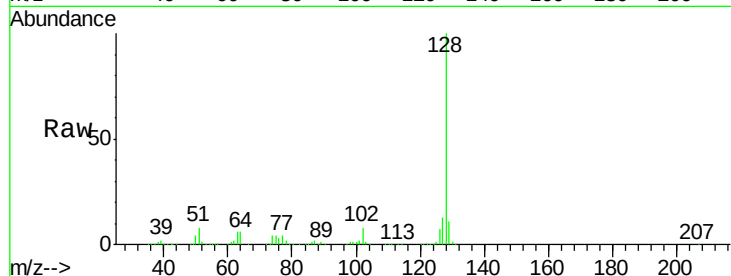
#95
Naphthalene
Concen: 53.925 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	497867		
127	13.0		10.4	15.6
129	11.0		8.6	13.0

Manual Integrations
APPROVED

MMDadoda
5/9/2019 9:49:15 AM



#96
1,2,3-Trichlorobenzene
Concen: 54.801 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX009390.D
Acq: 08 May 2019 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	157639		
182	96.0		47.8	143.4
145	30.6		15.4	46.4

