

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040419\
 Data File : VX008624.D
 Acq On : 04 Apr 2019 09:39
 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
 4/5/2019 11:11:41 AM

Quant Time: Apr 05 07:17:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	210278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	343282	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	309357	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	149959	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	154714	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
35) Dibromofluoromethane	5.49	113	115691	52.71	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	105.42%	
50) Toluene-d8	8.71	98	468689	53.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.26%	
62) 4-Bromofluorobenzene	11.13	95	175764	56.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	131494	54.326	ug/l	98
3) Chloromethane	1.32	50	173574	58.811	ug/l	99
4) Vinyl Chloride	1.41	62	169787	51.890	ug/l	98
5) Bromomethane	1.64	94	78423	48.705	ug/l	100
6) Chloroethane	1.71	64	100212	56.471	ug/l	97
7) Trichlorofluoromethane	1.92	101	192449	53.207	ug/l	99
8) Diethyl Ether	2.18	74	89364	52.100	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	119018	51.109	ug/l	98
10) Methyl Iodide	2.51	142	119668	55.909	ug/l	99
11) Tert butyl alcohol	3.05	59	184333	256.721	ug/l	100
12) 1,1-Dichloroethene	2.37	96	120667	49.637	ug/l	97
13) Acrolein	2.29	56	92824	260.715	ug/l	99
14) Allyl chloride	2.72	41	293977	52.825	ug/l	100
15) Acrylonitrile	3.14	53	472972	248.647	ug/l	100
16) Acetone	2.44	43	485323	274.734	ug/l	99
17) Carbon Disulfide	2.57	76	384630	54.862	ug/l	99
18) Methyl Acetate	2.77	43	206033	48.090	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	461771	53.189	ug/l	100
20) Methylene Chloride	2.85	84	149811	50.664	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	135017	51.347	ug/l	95
22) Diisopropyl ether	3.85	45	565214	52.694	ug/l	99
23) Vinyl Acetate	3.81	43	2492283	267.091	ug/l	99
24) 1,1-Dichloroethane	3.69	63	279527	52.634	ug/l	99
25) 2-Butanone	4.67	43	745029	266.841	ug/l	100
26) 2,2-Dichloropropane	4.58	77	205508	54.942	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	154895	51.235	ug/l	100
28) Bromochloromethane	5.01	49	131191	59.726	ug/l	98
29) Tetrahydrofuran	5.12	42	448084	241.798	ug/l	100
30) Chloroform	5.21	83	249162	52.529	ug/l	100
31) Cyclohexane	5.57	56	276929	52.259	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	206509	53.875	ug/l	100
36) 1,1-Dichloropropene	5.79	75	201536	53.708	ug/l	100
37) Ethyl Acetate	4.83	43	262532	52.415	ug/l	100
38) Carbon Tetrachloride	5.78	117	172569	55.565	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	255096	55.031	ug/l	99
40) Benzene	6.13	78	601699	53.825	ug/l	99
41) Methacrylonitrile	5.04	41	151271	52.542	ug/l	99
42) 1,2-Dichloroethane	6.19	62	211325	52.730	ug/l	100
43) Isopropyl Acetate	6.44	43	422932	53.903	ug/l	100
44) Trichloroethene	7.21	130	141644	54.402	ug/l	98
45) 1,2-Dichloropropane	7.51	63	170608	53.470	ug/l	99
46) Dibromomethane	7.66	93	96430	52.108	ug/l	99
47) Bromodichloromethane	7.89	83	196845	56.415	ug/l	99
48) Methyl methacrylate	7.76	41	216310	54.500	ug/l	100
49) 1,4-Dioxane	7.74	88	79981	1075.737	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1382753	273.767	ug/l	100
52) Toluene	8.78	92	360466	54.694	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	228336	58.420	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	255183	57.138	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	143685	54.313	ug/l	98
56) Ethyl methacrylate	9.18	69	271865	56.798	ug/l	100
57) 1,3-Dichloropropane	9.37	76	258233	54.360	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	559911	229.087	ug/l	100
59) 2-Hexanone	9.49	43	1103103	281.028	ug/l	100
60) Dibromochloromethane	9.58	129	143189	57.439	ug/l	99
61) 1,2-Dibromoethane	9.67	107	149052	54.121	ug/l	99
64) Tetrachloroethene	9.34	164	122488	53.441	ug/l	99
65) Chlorobenzene	10.13	112	369384	53.866	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	130659	54.312	ug/l	99
67) Ethyl Benzene	10.25	91	701376	54.851	ug/l	98
68) m/p-Xylenes	10.35	106	509411	110.799	ug/l	100
69) o-Xylene	10.69	106	248299	55.728	ug/l	99
70) Styrene	10.71	104	437775	56.999	ug/l	99
71) Bromoform	10.85	173	107618	58.572	ug/l #	97
73) Isopropylbenzene	11.02	105	655214	52.723	ug/l	99
74) N-amyl acetate	10.90	43	380241	52.005	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	234282	49.569	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	207840m	50.453	ug/l	
77) Bromobenzene	11.25	156	158081	52.913	ug/l	100
78) n-propylbenzene	11.36	91	787309	54.409	ug/l	100
79) 2-Chlorotoluene	11.42	91	461980	52.757	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	564731	54.135	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	83635	55.964	ug/l	99
82) 4-Chlorotoluene	11.51	91	538216	53.098	ug/l	99
83) tert-Butylbenzene	11.77	119	538254	53.631	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	569388	53.904	ug/l	99
85) sec-Butylbenzene	11.94	105	651707	54.668	ug/l	100
86) p-Isopropyltoluene	12.06	119	592101	55.337	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	286657	53.596	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	285576	52.729	ug/l	99
89) n-Butylbenzene	12.38	91	571528	56.956	ug/l	100
90) Hexachloroethane	12.59	117	100921	56.867	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	280155	52.756	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	51504	49.536	ug/l	98

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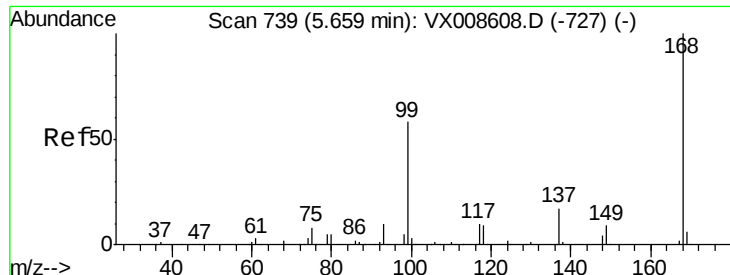
Manual Integrations
APPROVED

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4/5/2019 11:11:41 AM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	200163	54.212	ug/l	99
94) Hexachlorobutadiene	13.78	225	97820	55.242	ug/l	99
95) Naphthalene	13.83	128	643252	52.126	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	195120	52.892	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 210278

Ion Ratio Lower Upper

168 100

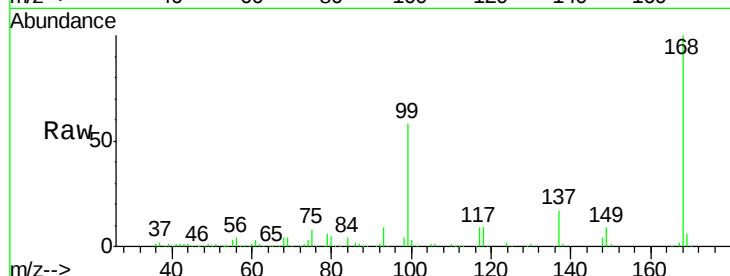
99 57.7 46.7 70.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

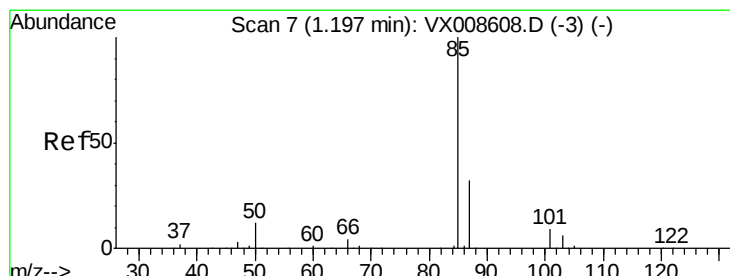
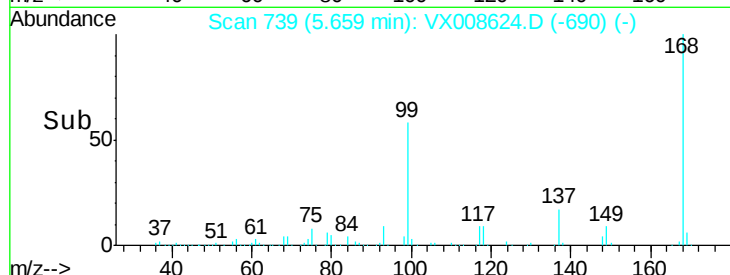
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 54.326 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008624.D

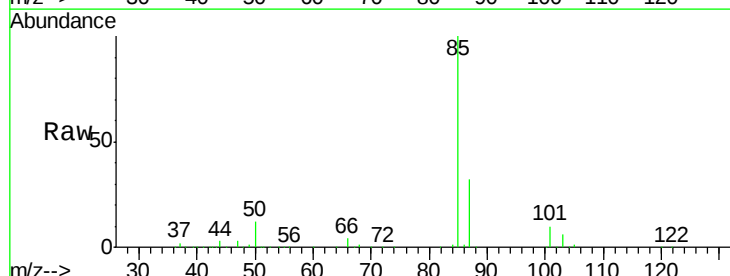
Acq: 04 Apr 2019 09:39

Tgt Ion: 85 Resp: 131494

Ion Ratio Lower Upper

85 100

87 32.4 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

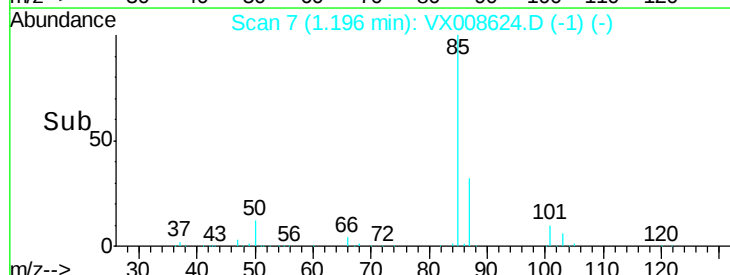
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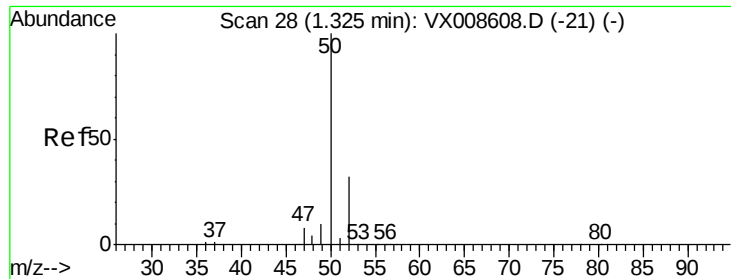
50000

0

Time-->

1.15 1.20 1.25 1.30 1.35





#3

Chloromethane

Concen: 58.811 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 173574

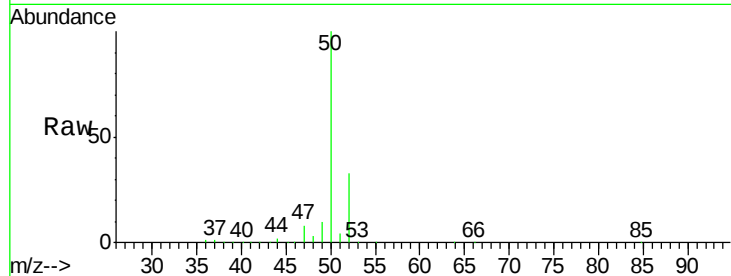
Ion Ratio Lower Upper

50 100

52 32.7 25.8 38.8

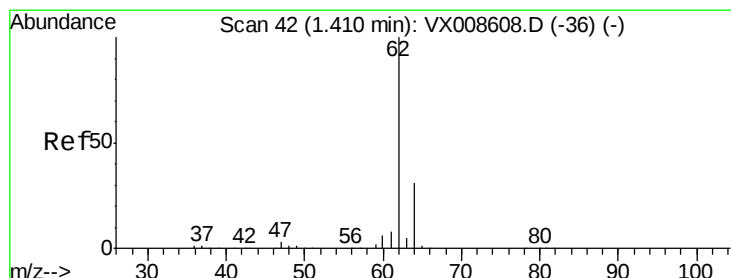
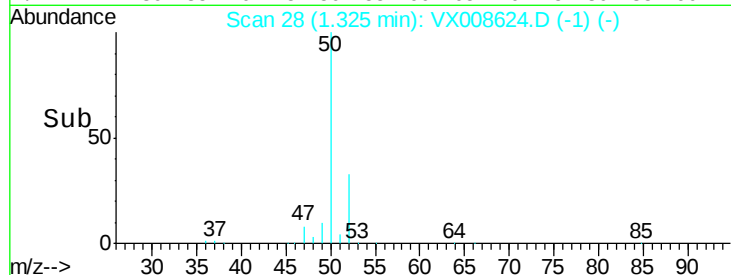
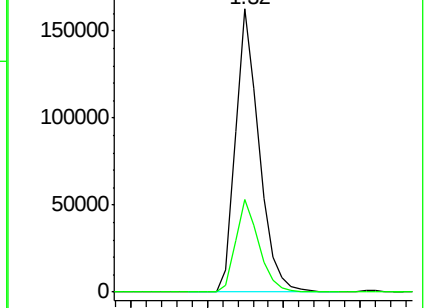
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 51.890 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008624.D

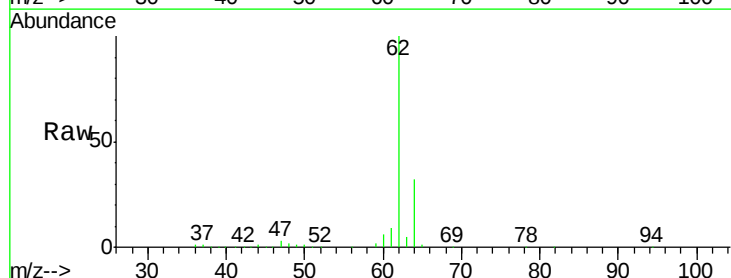
Acq: 04 Apr 2019 09:39

Tgt Ion: 62 Resp: 169787

Ion Ratio Lower Upper

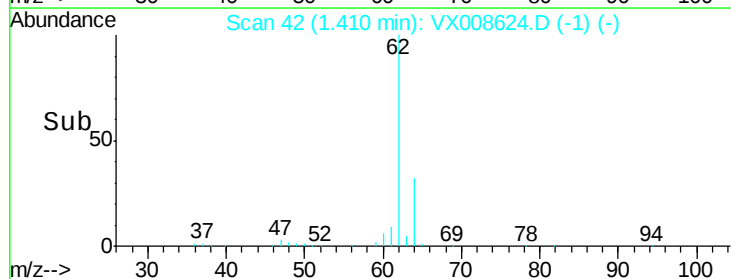
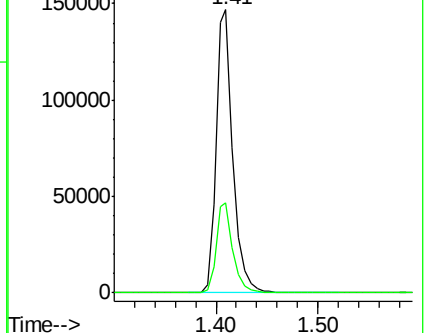
62 100

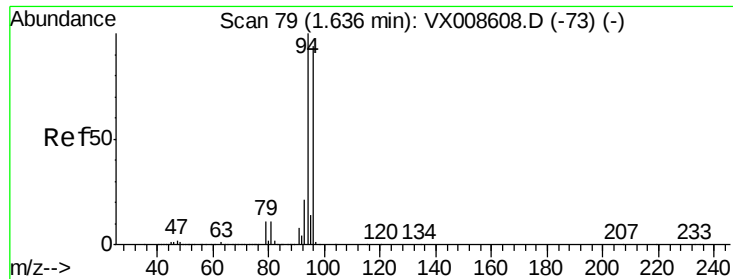
64 31.8 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 48.705 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 78423

Ion Ratio Lower Upper

94 100

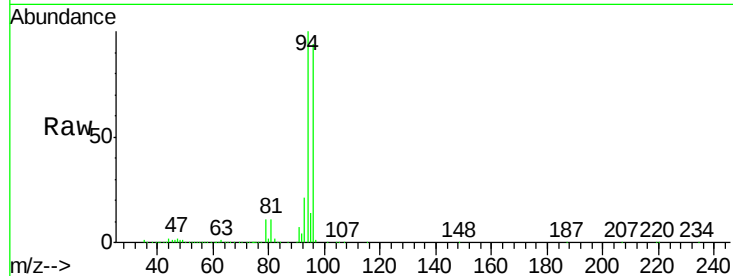
96 94.3 75.2 112.8

Manual Integrations

APPROVED

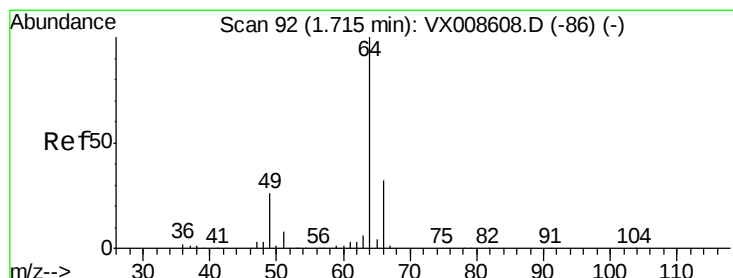
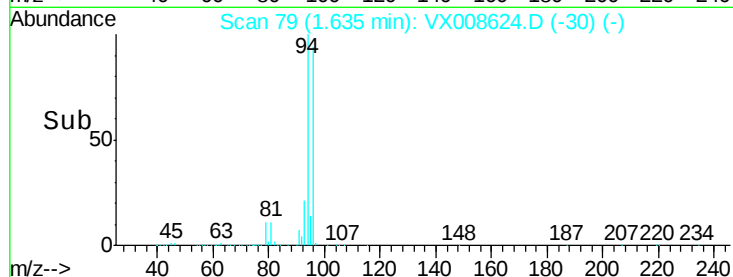
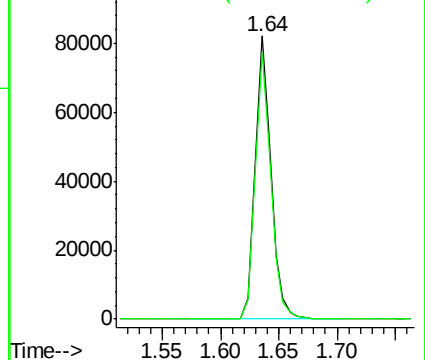
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 56.471 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008624.D

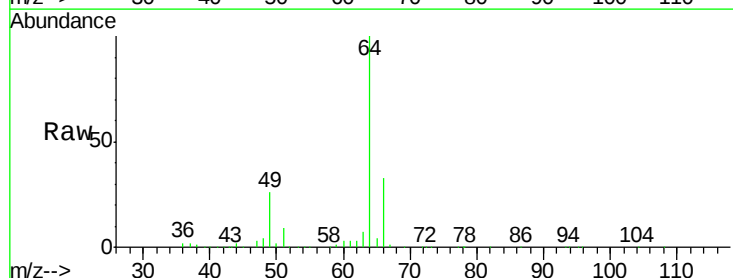
Acq: 04 Apr 2019 09:39

Tgt Ion: 64 Resp: 100212

Ion Ratio Lower Upper

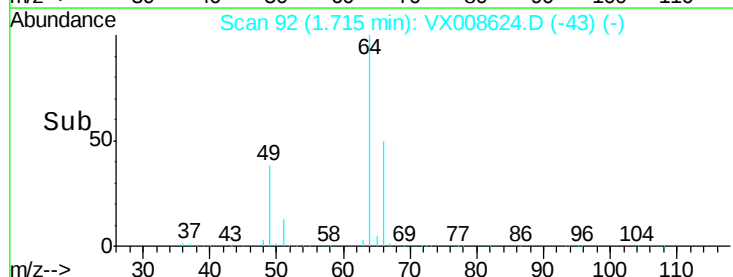
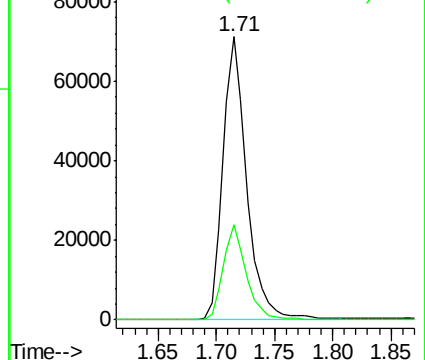
64 100

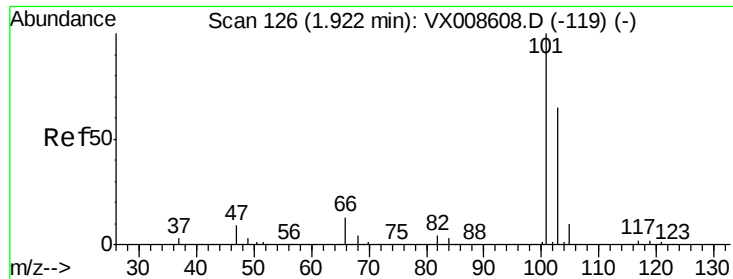
66 33.4 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

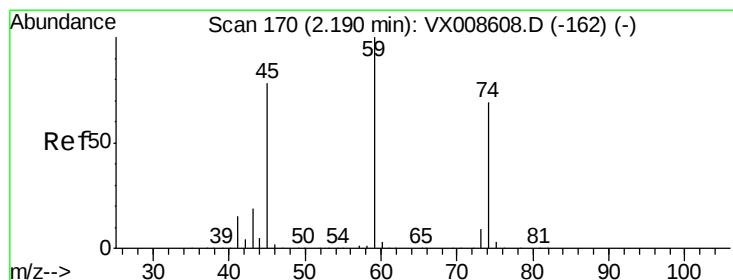
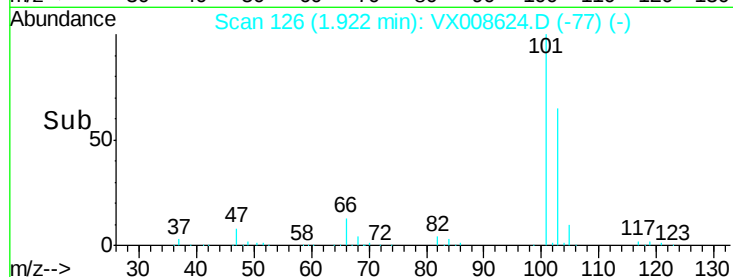
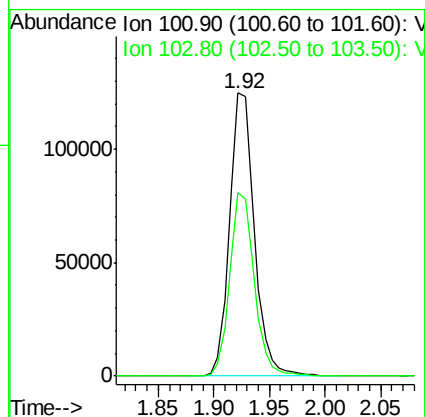
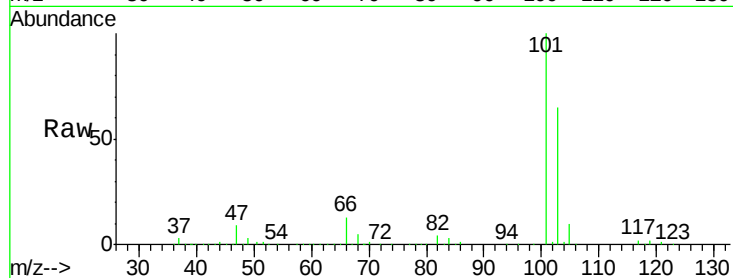
Trichlorofluoromethane
Concen: 53.207 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion:101 Resp: 192449
Ion Ratio Lower Upper
101 100
103 64.8 52.3 78.5

Manual Integrations
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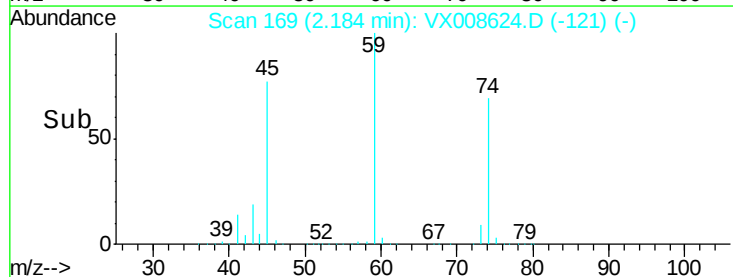
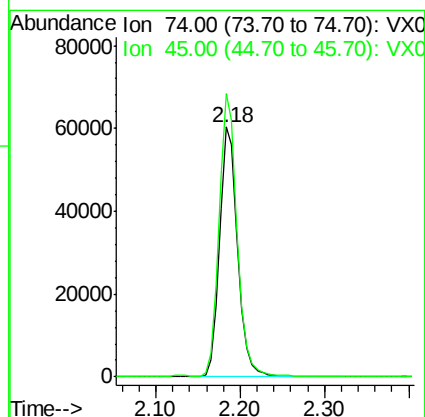
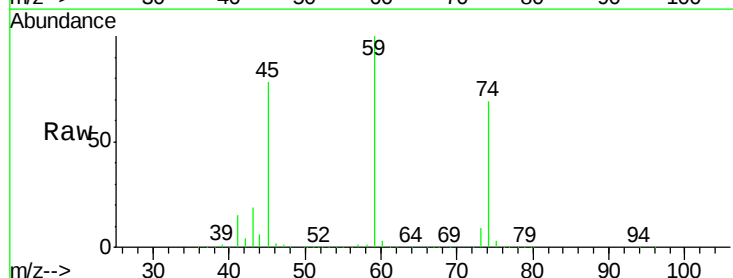
MMDadoda
4/5/2019 11:11:41 AM

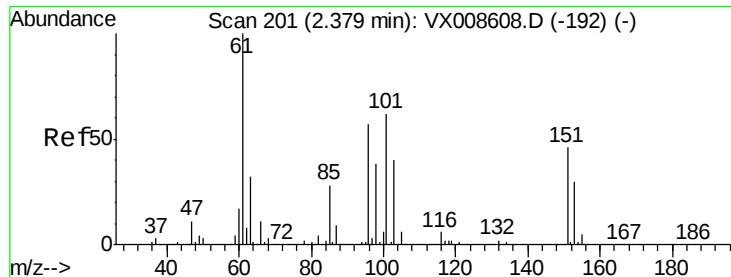


#8

Diethyl Ether
Concen: 52.100 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

Tgt Ion: 74 Resp: 89364
Ion Ratio Lower Upper
74 100
45 113.0 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.109 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Instrument :

MSVOA_X

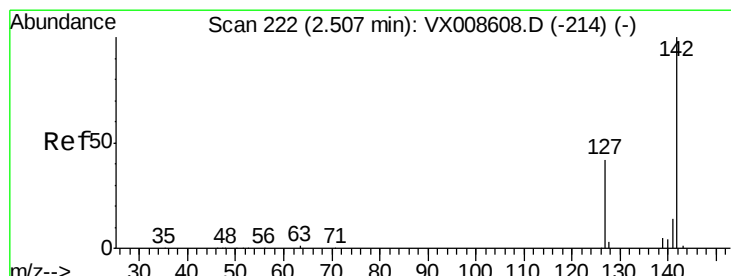
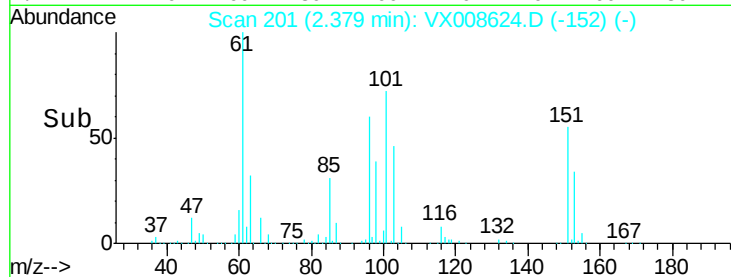
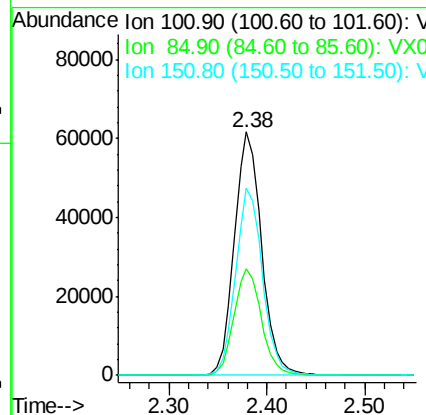
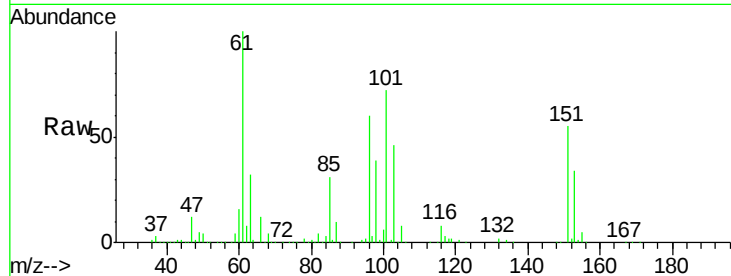
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	119018
Ion Ratio	Lower	Upper	
101	100		
85	44.2	36.0	54.0
151	76.4	59.9	89.9

Manual Integrations
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#10

Methyl Iodide

Concen: 55.909 ug/l

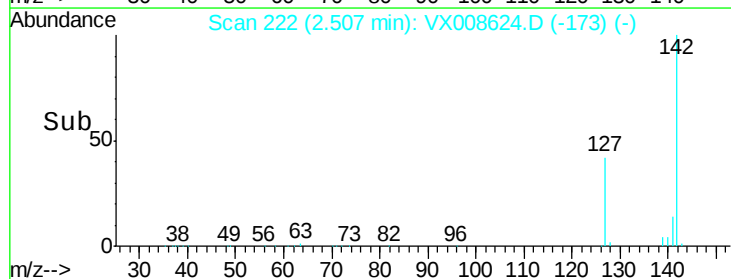
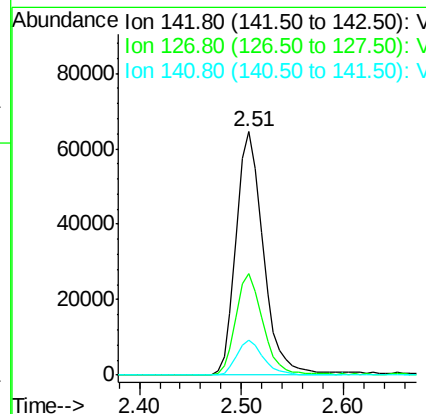
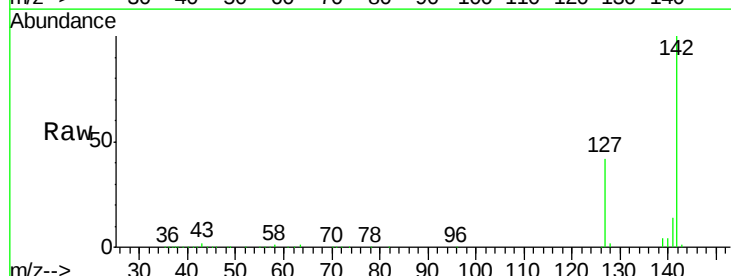
RT: 2.51 min Scan# 222

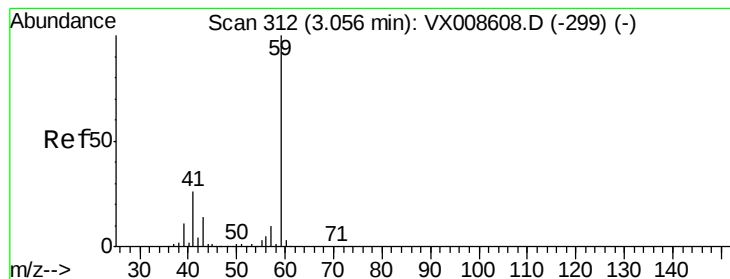
Delta R.T. 0.00 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Tgt Ion:	142	Resp:	119668
Ion Ratio	Lower	Upper	
142	100		
127	41.6	33.0	49.6
141	13.9	11.4	17.2





#11

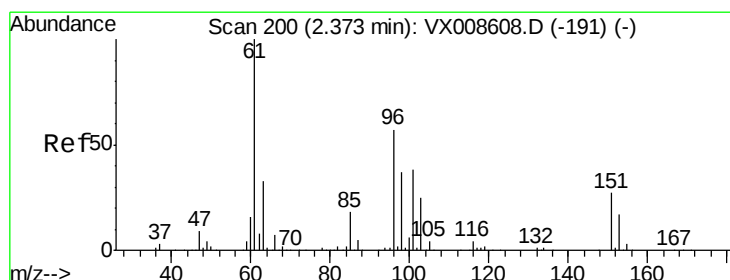
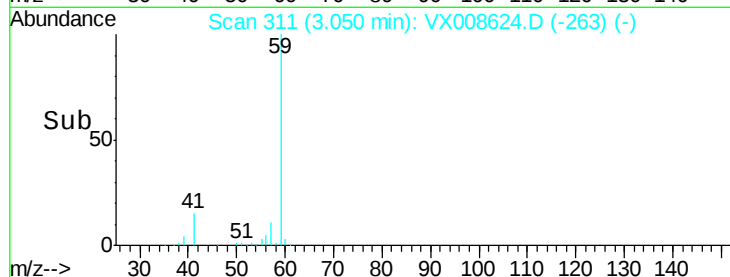
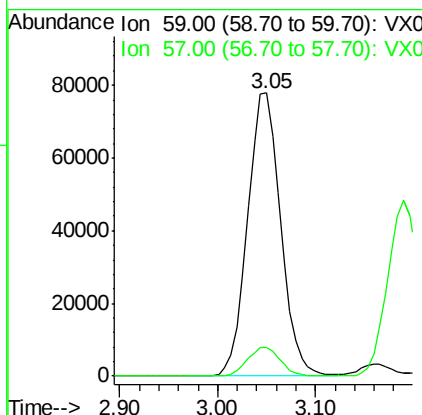
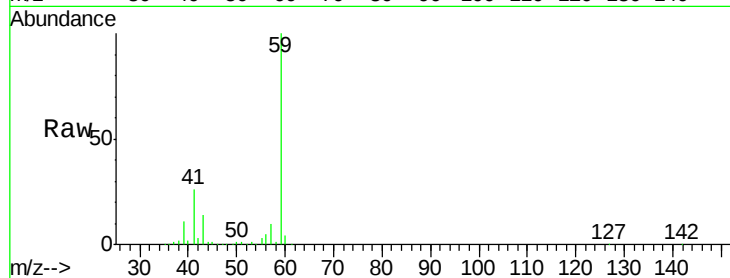
Tert butyl alcohol
 Concen: 256.721 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. -0.01 min
 Lab File: VX008624.D
 Acq: 04 Apr 2019 09:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	59	57	Ratio	100	10.3	Resp	184333	Lower	8.3	Upper	12.5
Manual Integrations											
APPROVED											
MMDadoda											
4/5/2019 11:11:41 AM											

Manual Integrations
 APPROVED

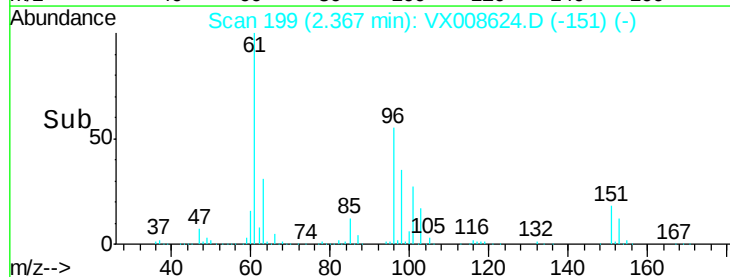
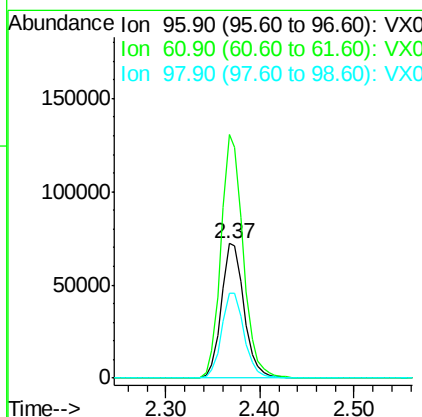
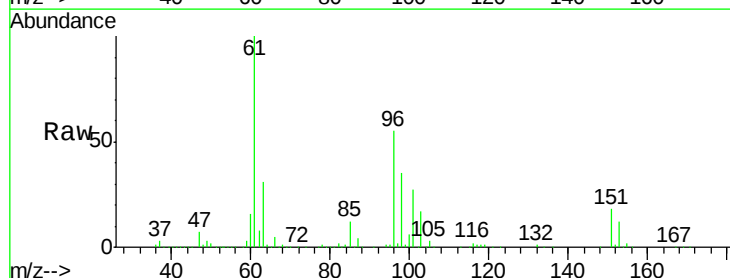
MMDadoda
 4/5/2019 11:11:41 AM

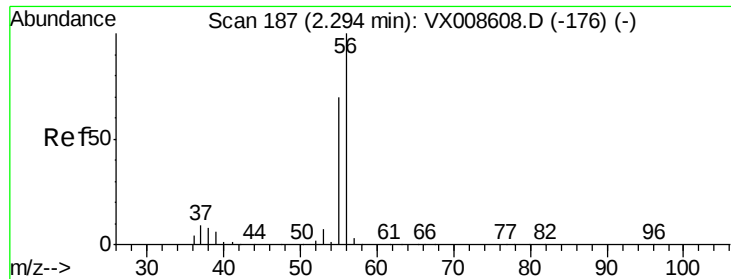


#12

1,1-Dichloroethene
 Concen: 49.637 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX008624.D
 Acq: 04 Apr 2019 09:39

Tgt Ion	96	61	98	Ratio	100	180.8	62.8	Resp	120667	Lower	140.9	Upper	211.3	78.1
Manual Integrations														
APPROVED														
MMDadoda														
4/5/2019 11:11:41 AM														





#13

Acrolein

Concen: 260.715 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 92824

Ion Ratio Lower Upper

56 100

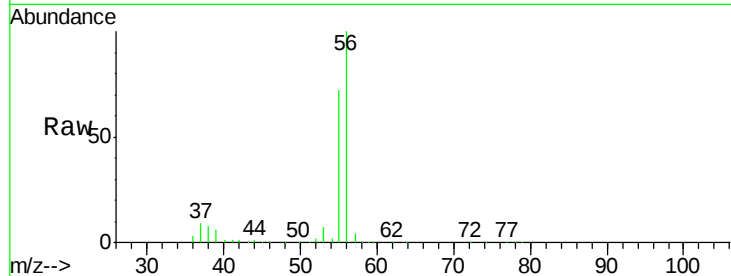
55 72.1 58.0 87.0

Manual Integrations

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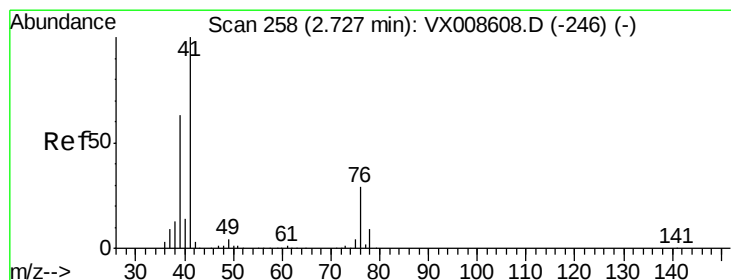
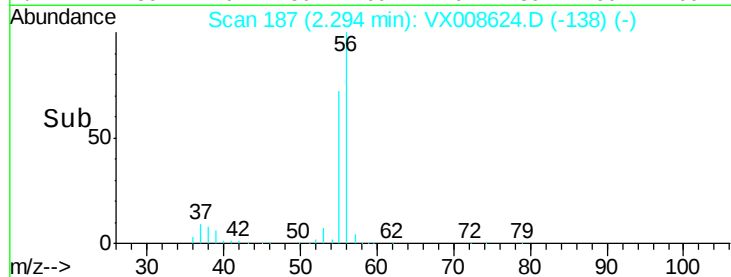
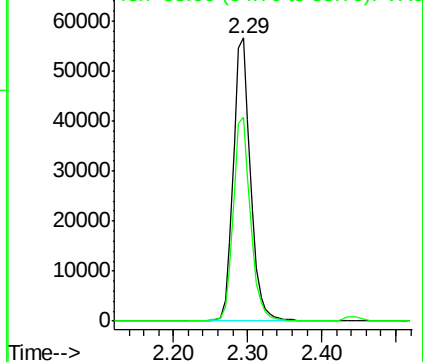
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 52.825 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

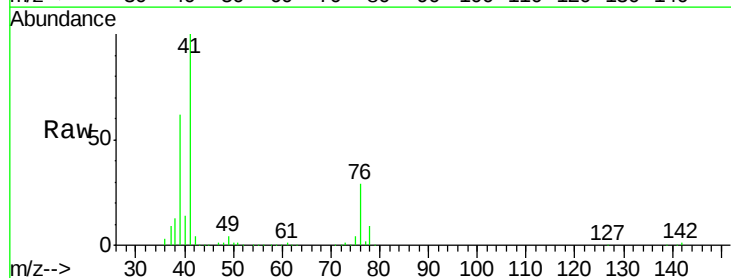
Tgt Ion: 41 Resp: 293977

Ion Ratio Lower Upper

41 100

39 59.5 48.0 72.0

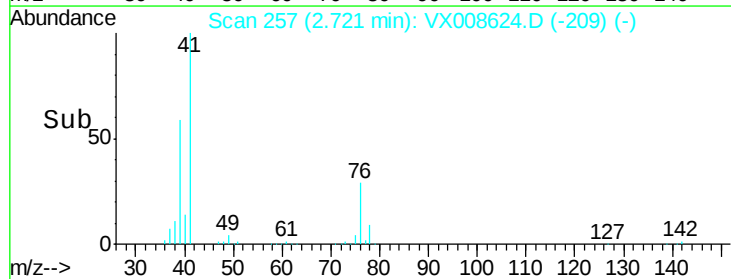
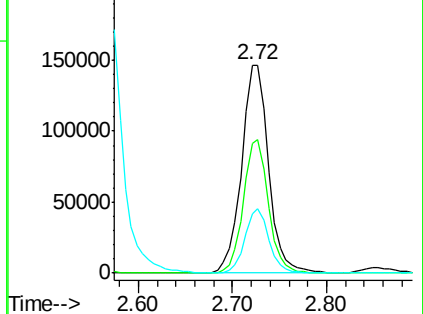
76 27.5 22.0 33.0

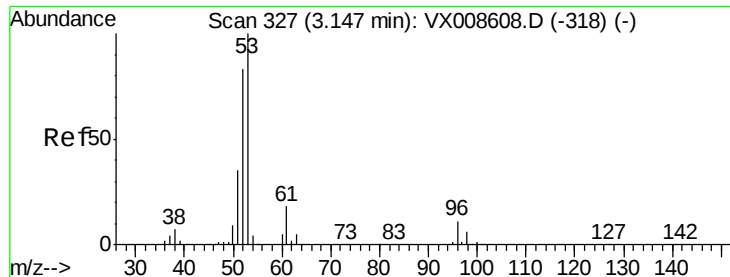


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 248.647 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Instrument :

MSVOA_X

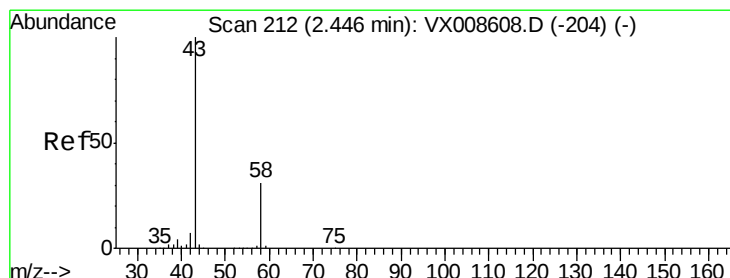
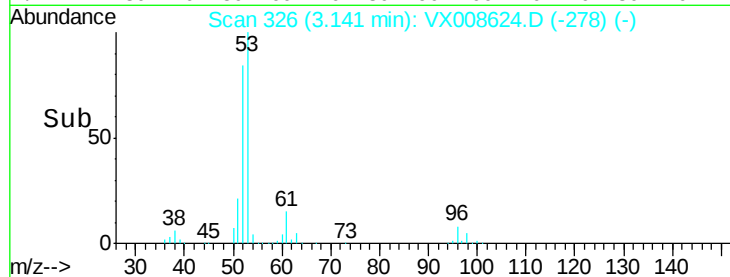
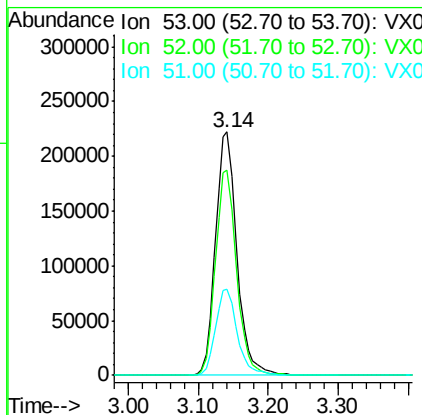
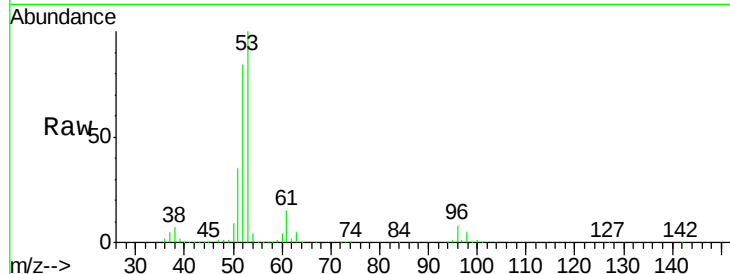
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	472972
Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.5	99.7
51	35.6	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 274.734 ug/l

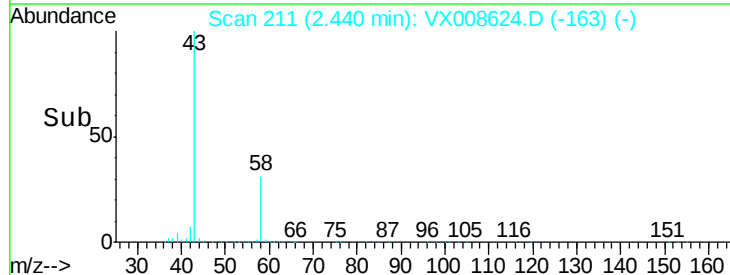
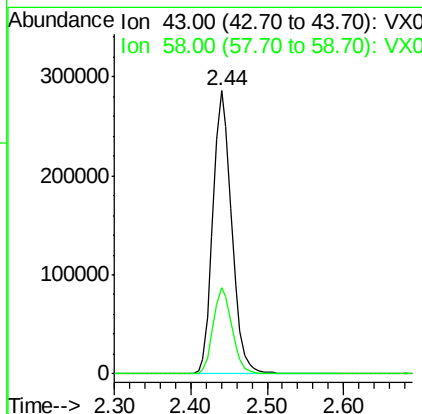
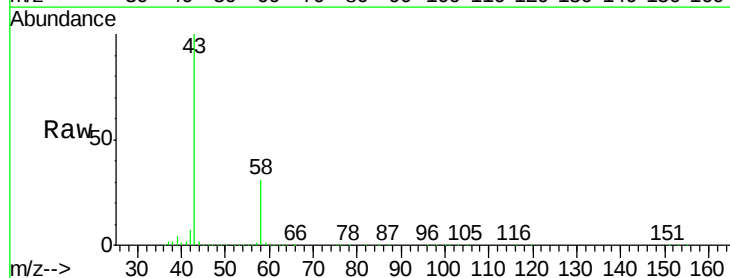
RT: 2.44 min Scan# 211

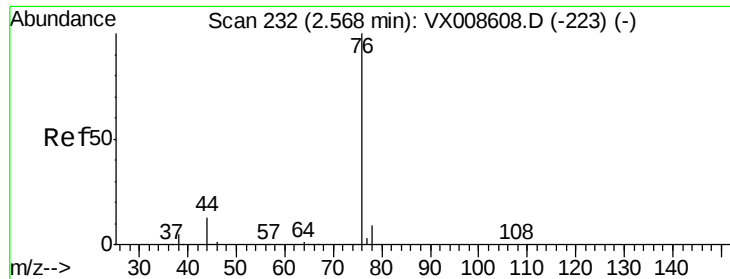
Delta R.T. -0.01 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Tgt Ion:	43	Resp:	485323
Ion	Ratio	Lower	Upper
43	100		
58	30.7	24.8	37.2





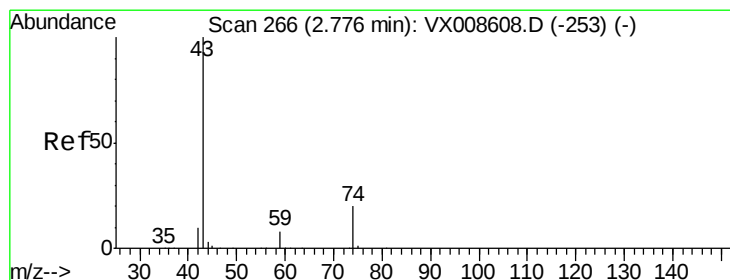
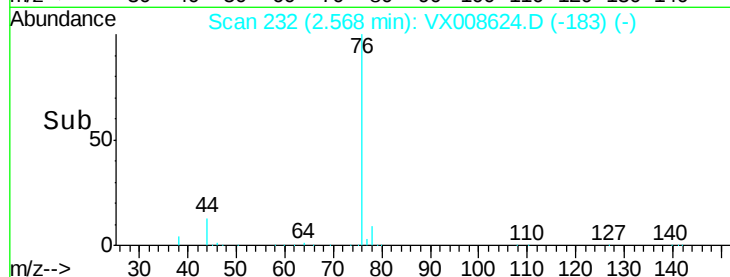
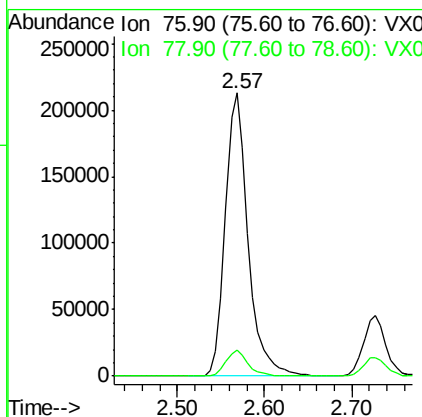
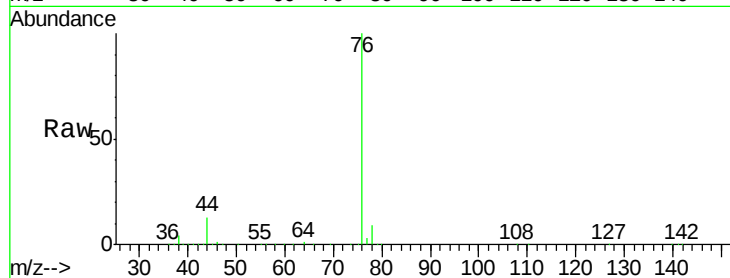
#17
Carbon Disulfide
Concen: 54.862 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.1	10.7

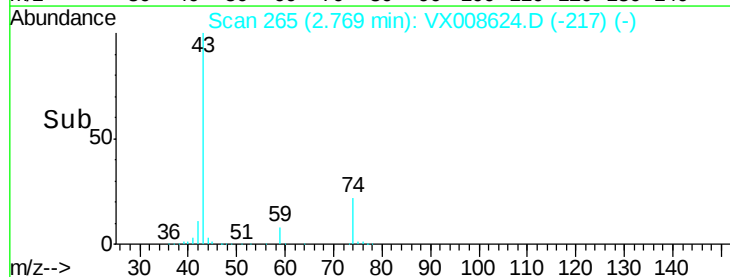
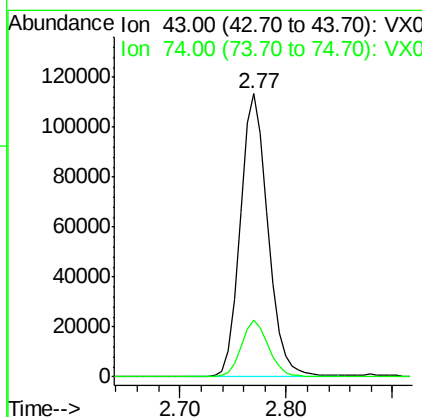
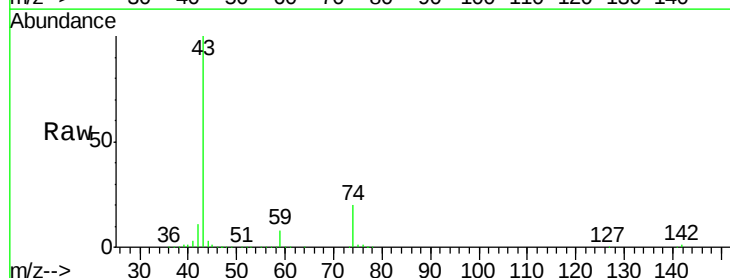
Manual Integrations
APPROVED

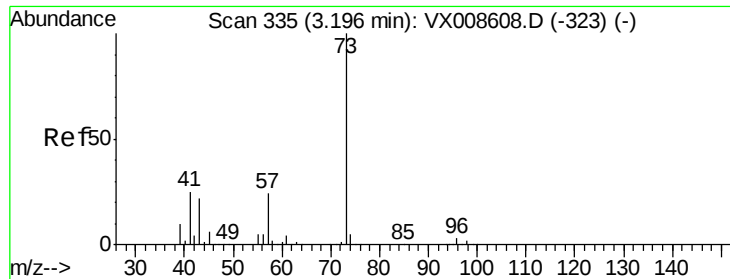
MMDadoda
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#18
Methyl Acetate
Concen: 48.090 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.4	16.5	24.7





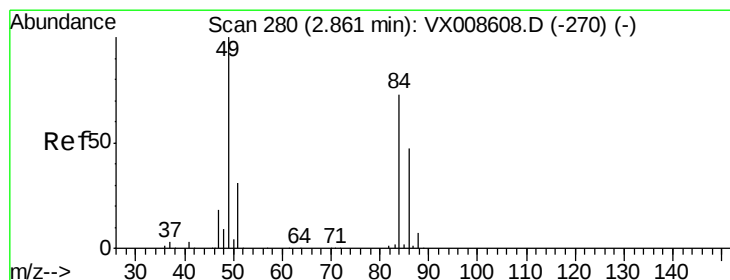
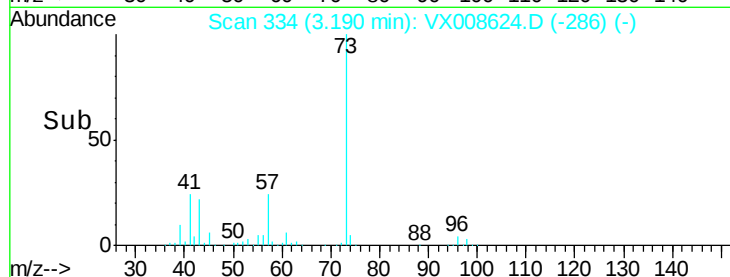
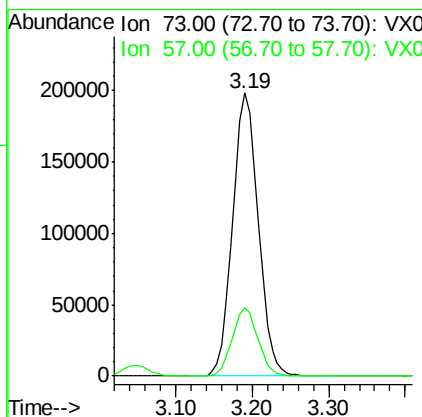
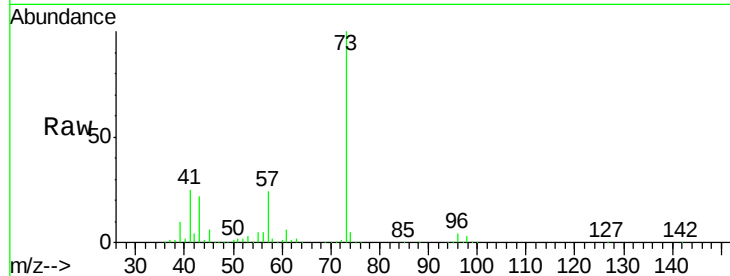
#19
Methvl tert-butvl Ether
Concen: 53.189 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.3	19.5	29.3

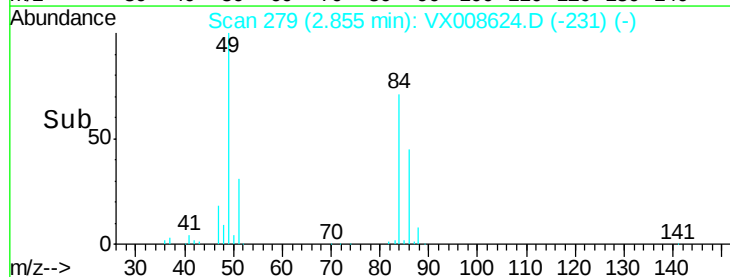
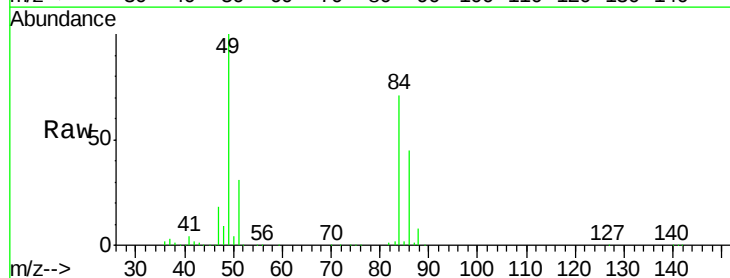
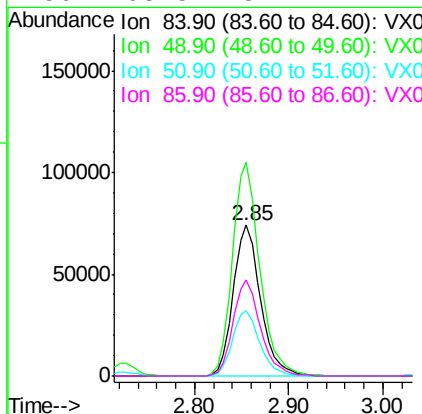
Manual Integrations
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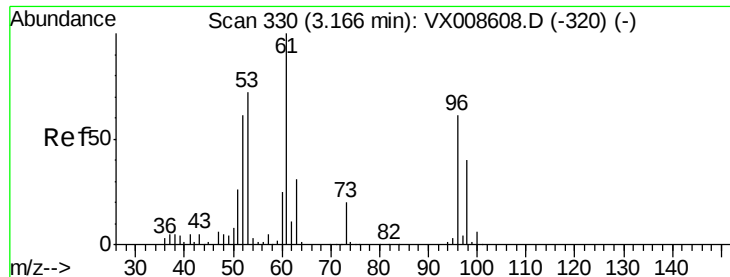
MMDadoda
4/5/2019 11:11:41 AM



#20
Methylene Chloride
Concen: 50.664 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

Tgt Ion	Ratio	Lower	Upper
84	100		
49	141.7	109.7	164.5
51	43.5	33.6	50.4
86	63.5	51.4	77.2





#21

trans-1,2-Dichloroethene

Concen: 51.347 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Instrument :

MSVOA_X

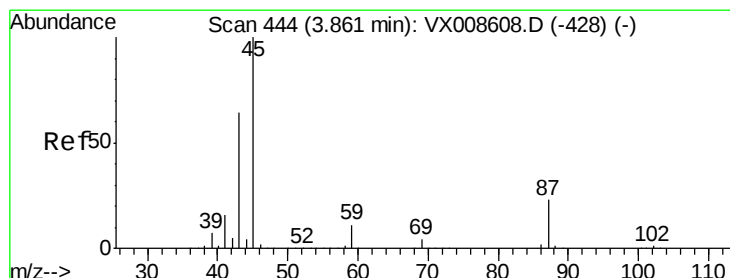
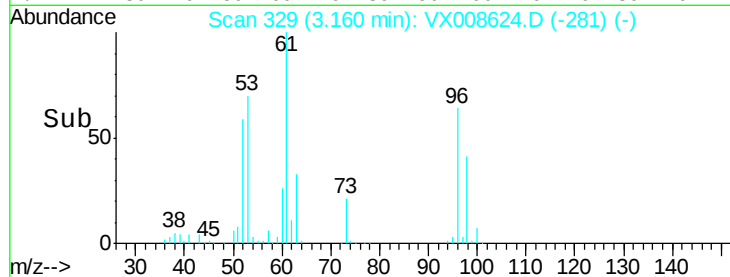
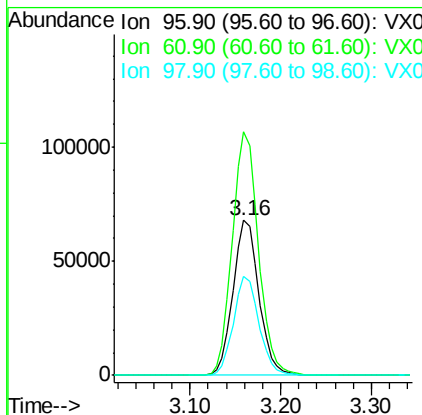
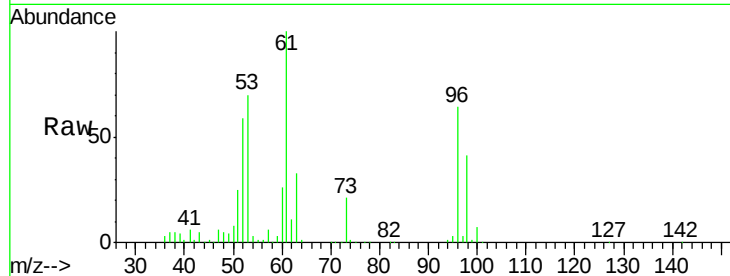
ClientSampled :

VSTDCCC050

Tot Ion:	96	Resp:	135017
Ion	Ratio	Lower	Upper
96	100		
61	157.3	132.1	198.1
98	63.8	52.2	78.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 52.694 ug/l

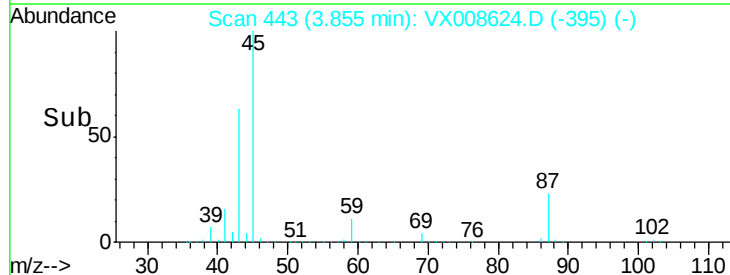
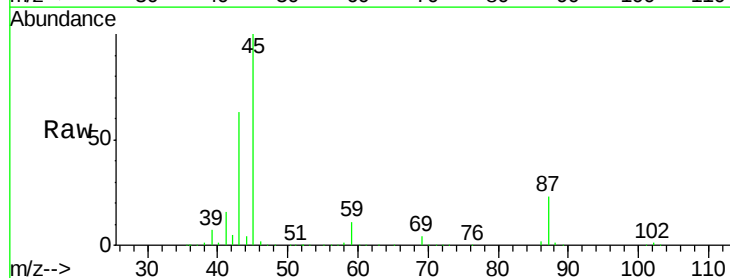
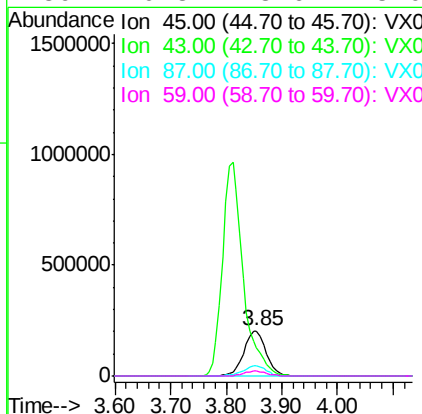
RT: 3.85 min Scan# 443

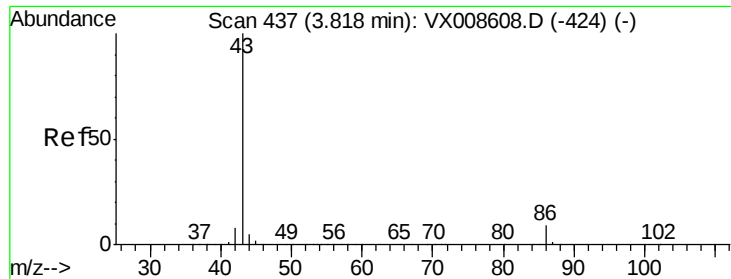
Delta R.T. -0.01 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Tgt Ion:	45	Resp:	565214
Ion	Ratio	Lower	Upper
45	100		
43	62.5	51.3	76.9
87	22.6	18.1	27.1
59	10.8	8.6	13.0





#23

Vinyl Acetate

Concen: 267.091 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 2492283

Ion Ratio Lower Upper

43 100

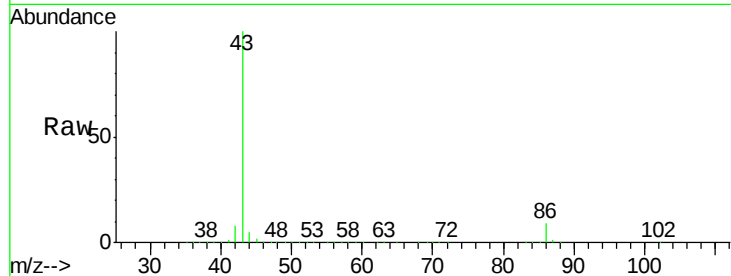
86 8.6 7.0 10.6

Manual Integrations

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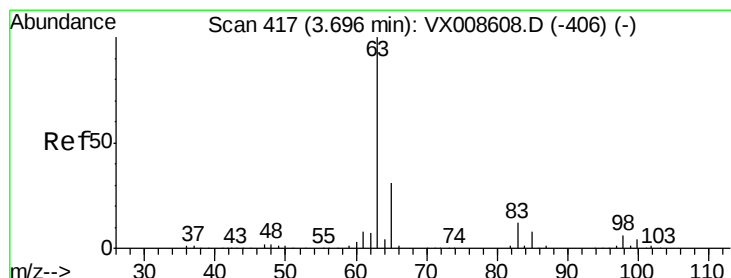
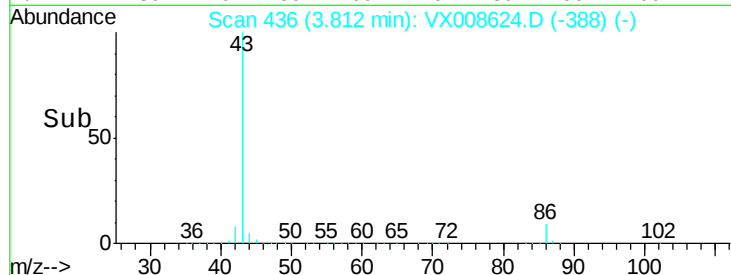
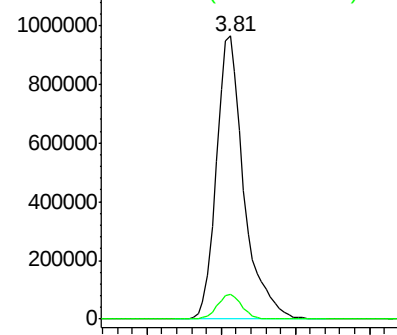
MMDadoda

4/5/2019 11:11:41 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 52.634 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

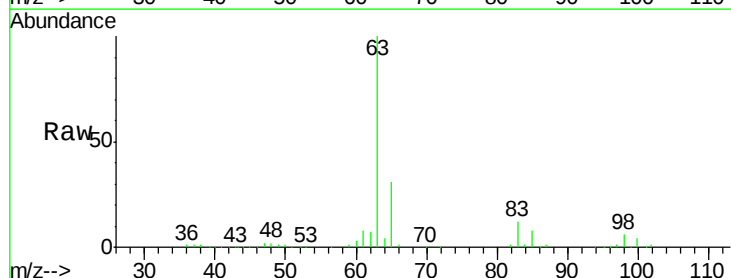
Tgt Ion: 63 Resp: 279527

Ion Ratio Lower Upper

63 100

98 5.9 2.8 8.4

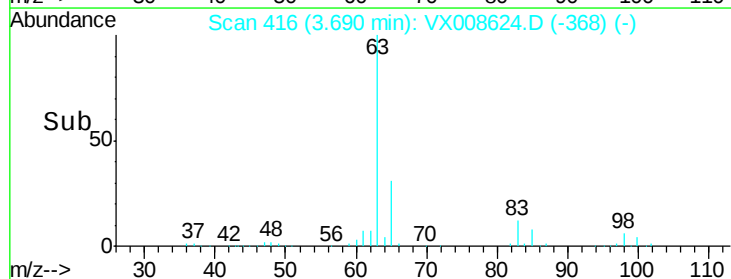
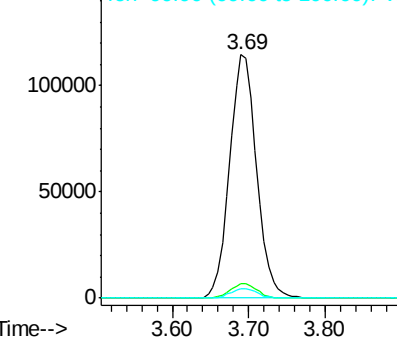
100 3.7 1.8 5.5

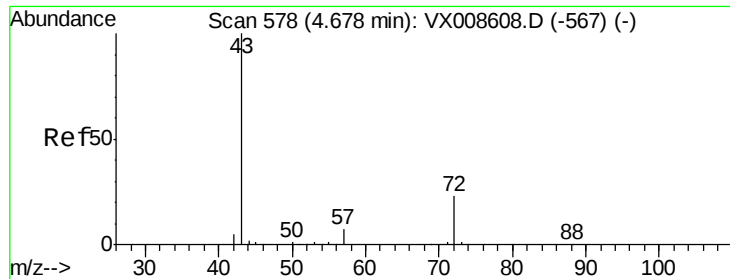


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 266.841 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 745029

Ion Ratio Lower Upper

43 100

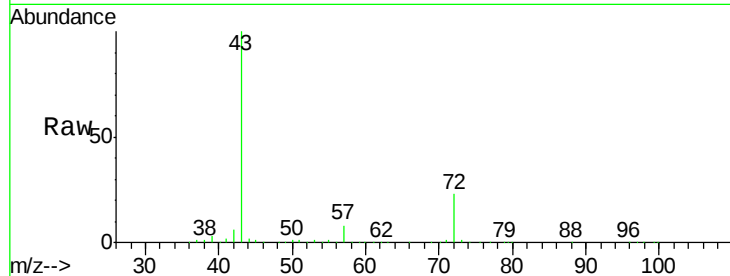
72 22.7 18.2 27.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

300000

250000

200000

150000

100000

50000

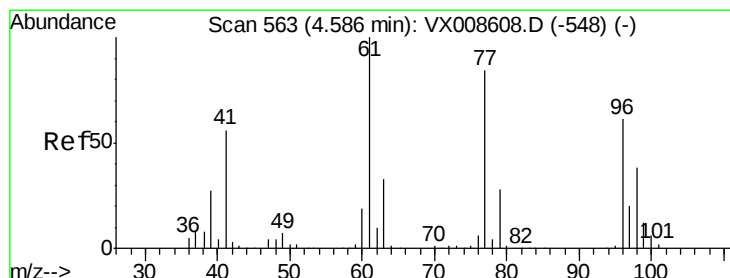
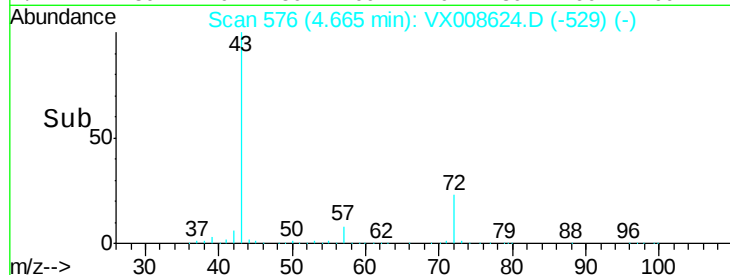
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 54.942 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008624.D

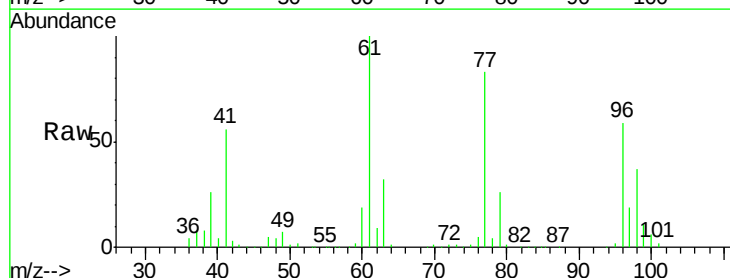
Acq: 04 Apr 2019 09:39

Tgt Ion: 77 Resp: 205508

Ion Ratio Lower Upper

77 100

97 22.5 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

40000

20000

0

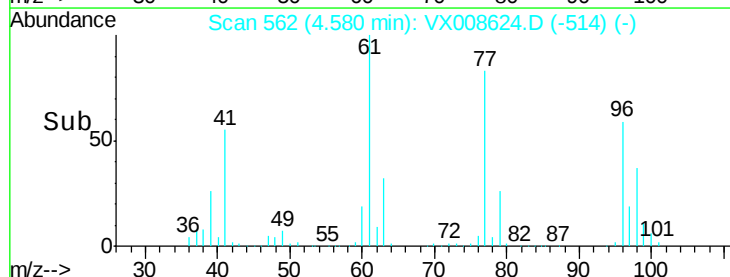
4.40

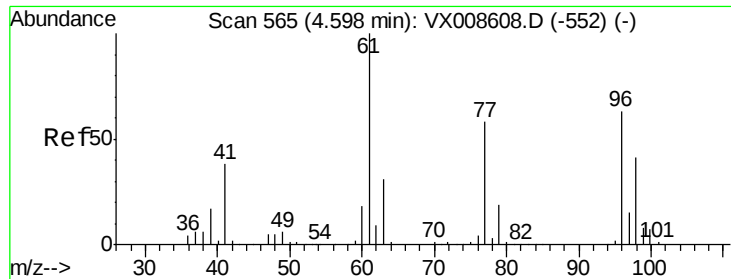
4.50

4.60

4.70

Time-->





#27

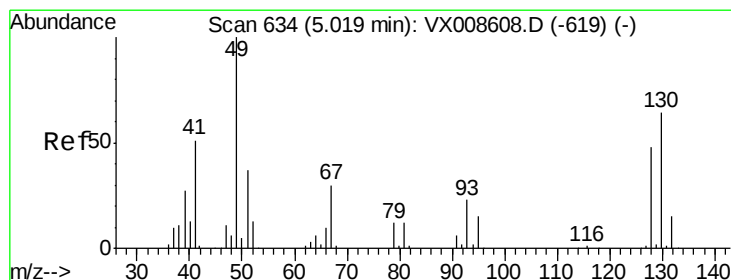
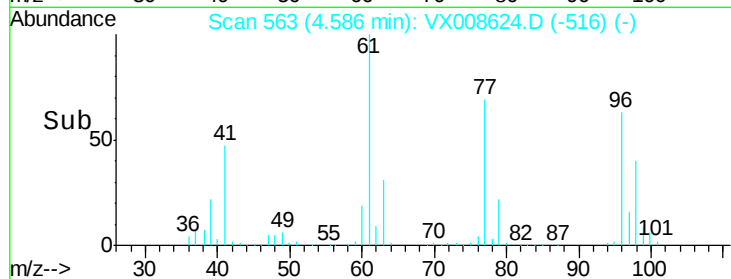
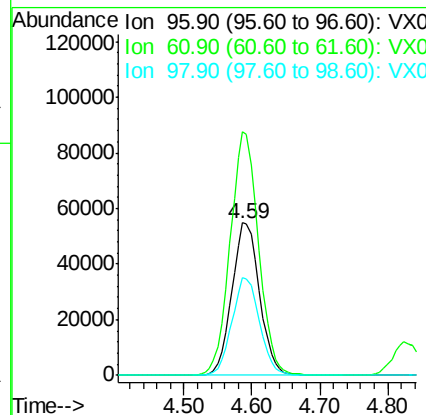
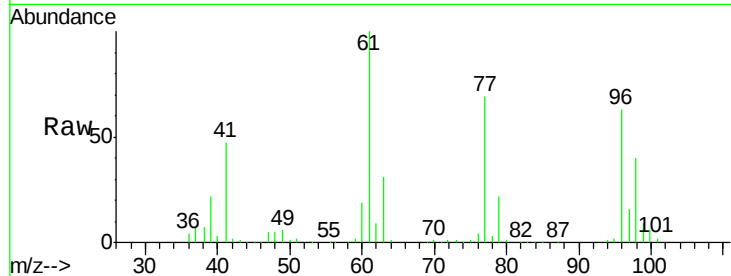
cis-1,2-Dichloroethene
Concen: 51.235 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.01 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	154895		
61	163.4	0.0	327.6	
98	64.1	0.0	128.6	

Manual Integrations
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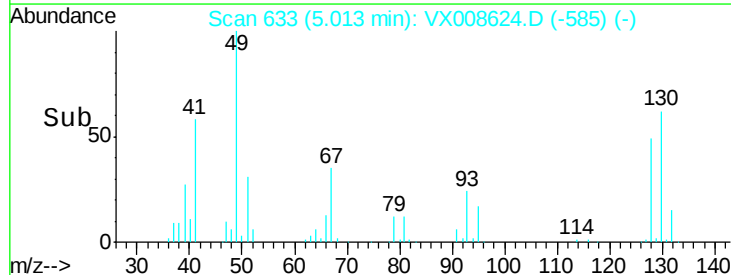
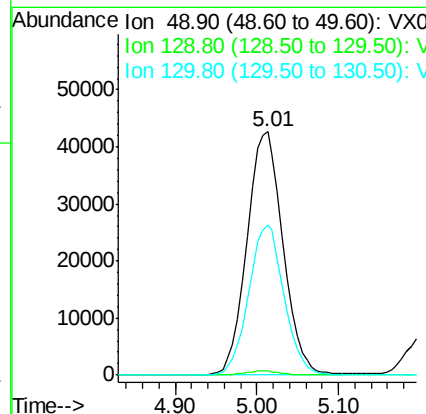
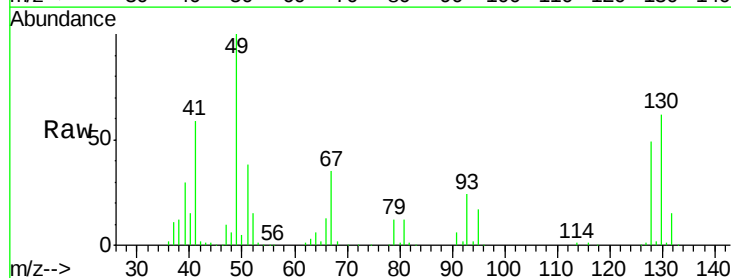
MMDadoda
4/5/2019 11:11:41 AM

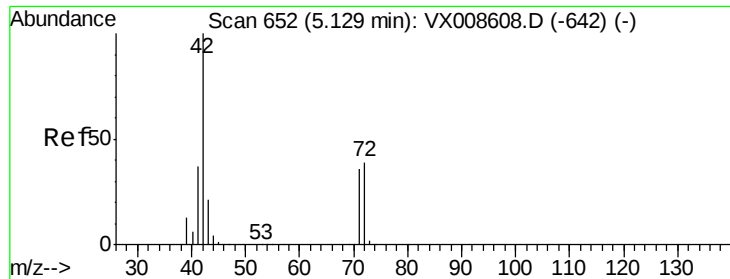


#28

Bromochloromethane
Concen: 59.726 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	131191		
129	1.6	0.0	3.6	
130	60.4	49.3	73.9	





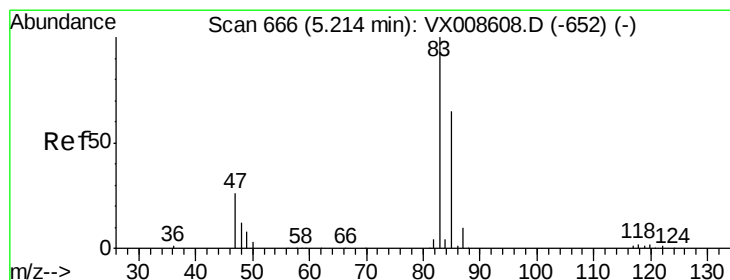
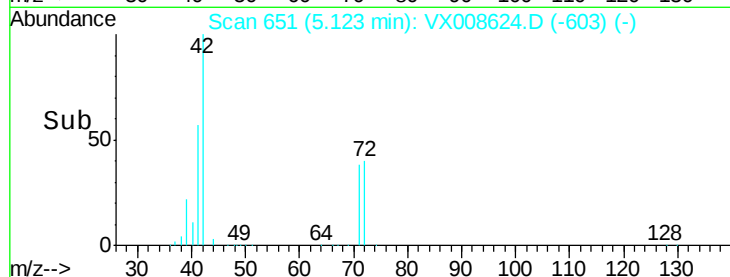
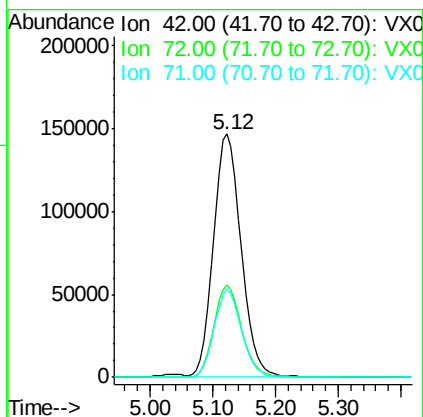
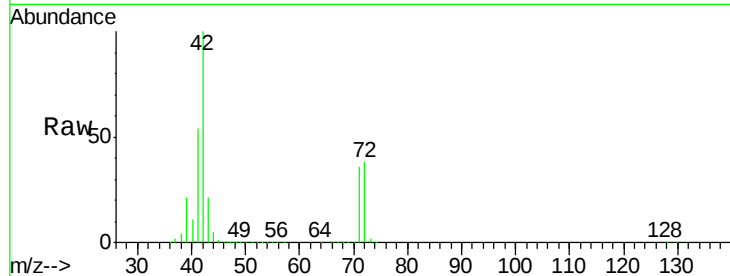
#29
Tetrahydrofuran
Concen: 241.798 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.4	30.5	45.7
71	35.9	28.6	43.0

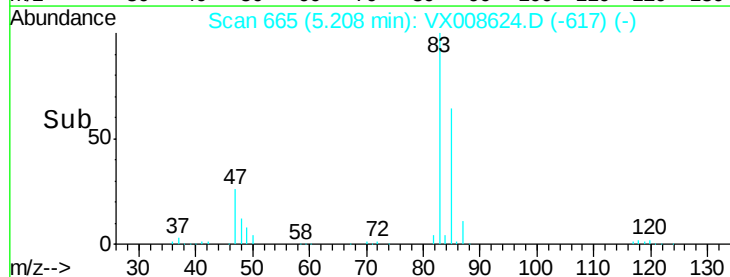
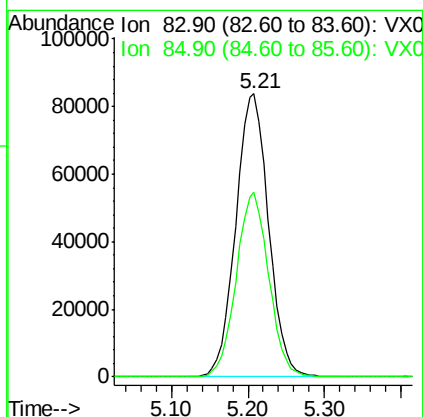
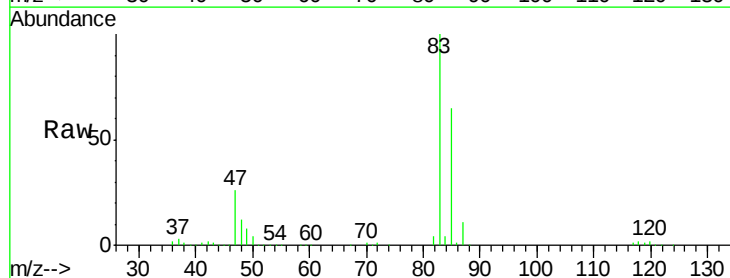
Manual Integrations
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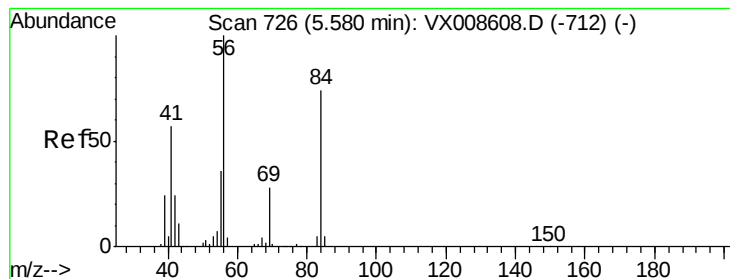
MMDadoda
4/5/2019 11:11:41 AM



#30
Chloroform
Concen: 52.529 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.1	78.1





#31

Cyclohexane

Concen: 52.259 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Instrument :

MSVOA_X

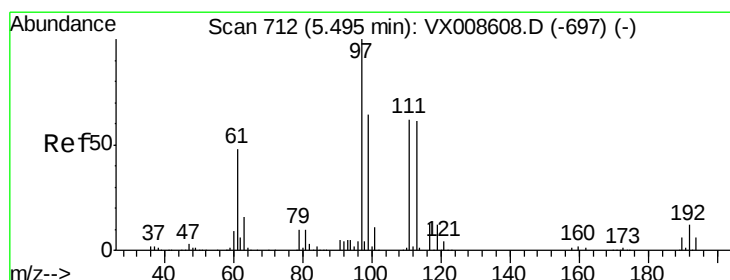
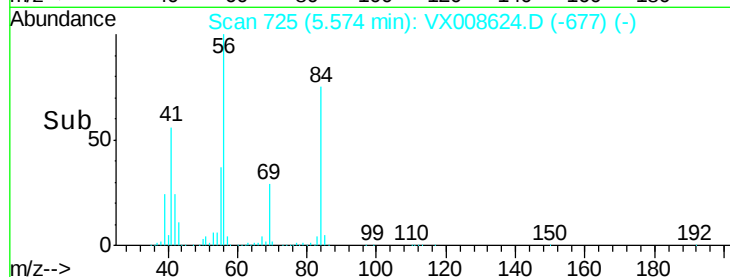
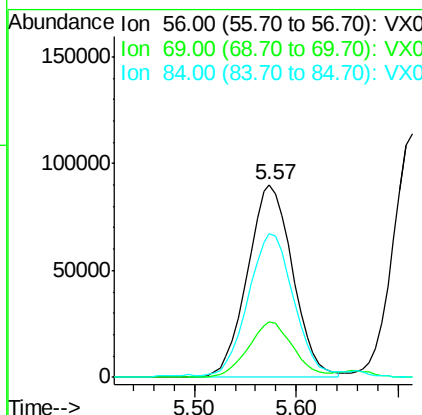
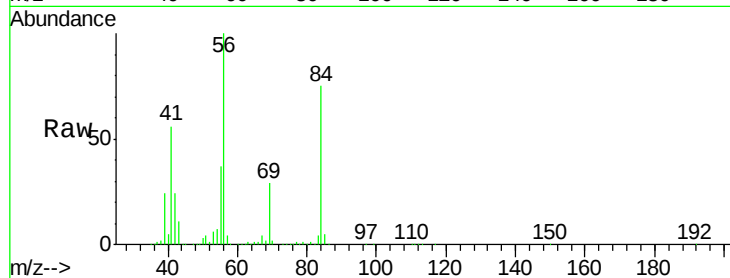
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	276929
Ion	Ratio	Lower	Upper
56	100		
69	29.0	22.6	33.8
84	73.6	59.3	88.9

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MMDadoda
4/5/2019 11:11:41 AM



#32

1,1,1-Trichloroethane

Concen: 53.875 ug/l

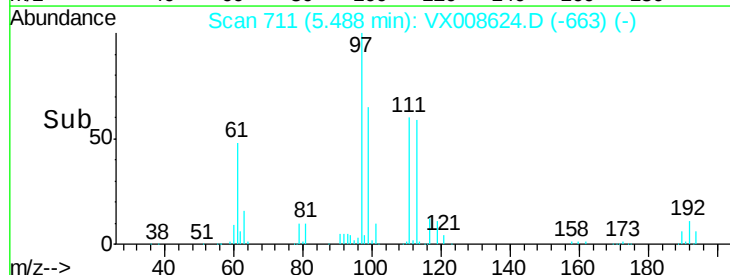
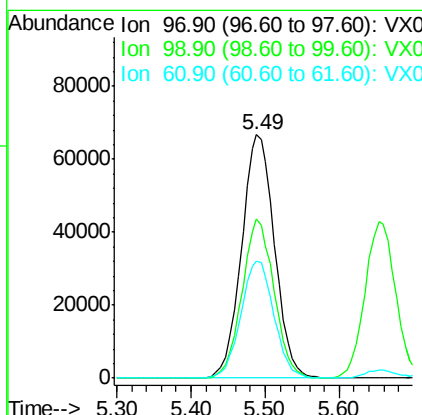
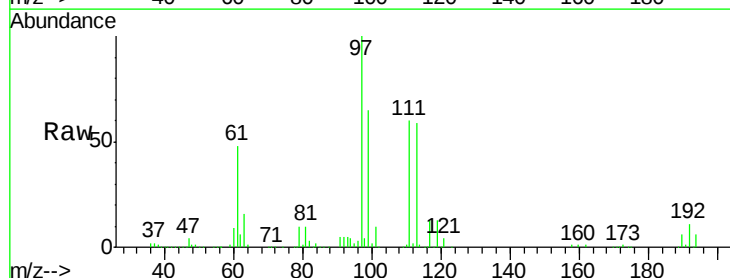
RT: 5.49 min Scan# 711

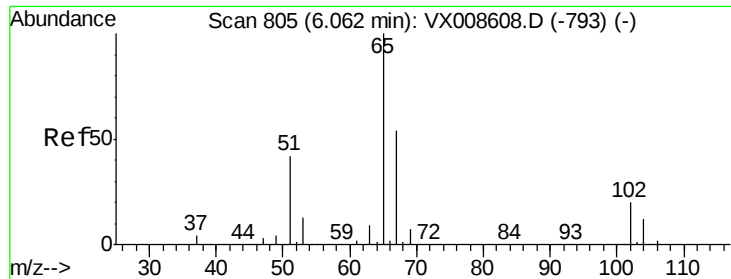
Delta R.T. -0.01 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Tgt Ion:	97	Resp:	206509
Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.3	76.9
61	48.5	38.9	58.3





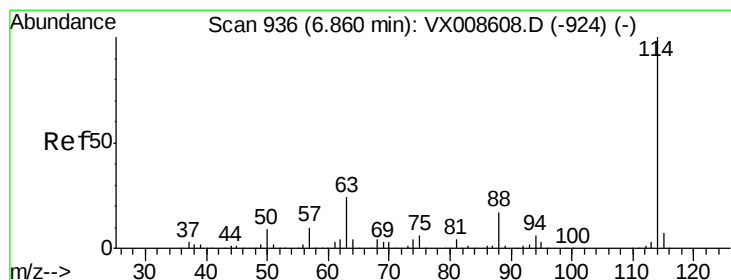
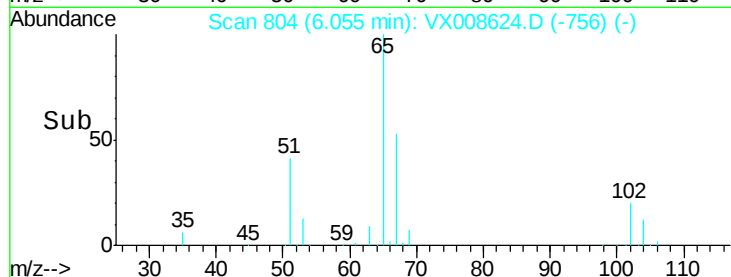
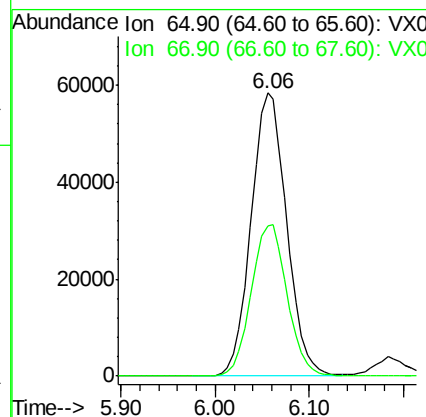
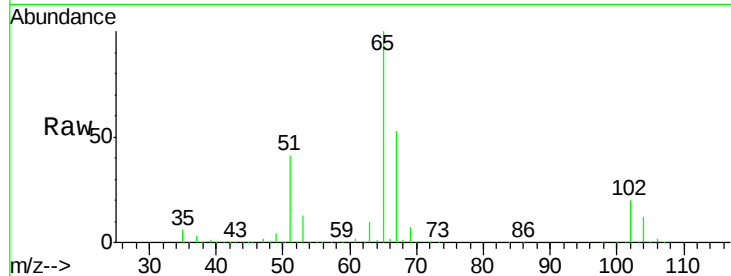
#33
 1,2-Dichloroethane-d4
 Concen: 50.444 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX008624.D
 Acq: 04 Apr 2019 09:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 65 Resp: 154714
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 107.2

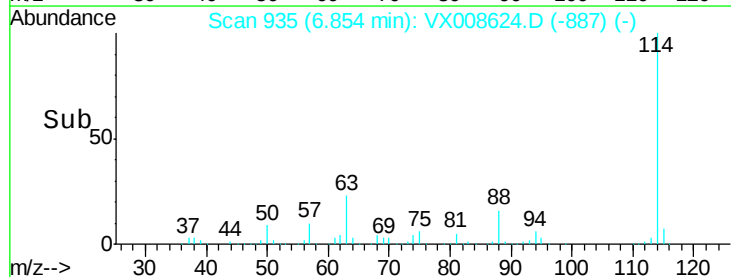
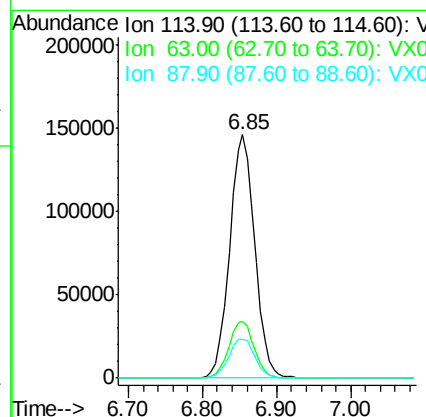
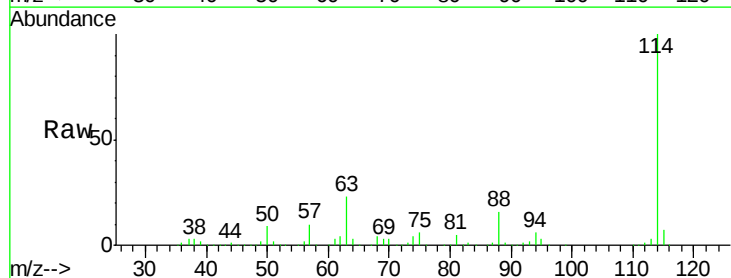
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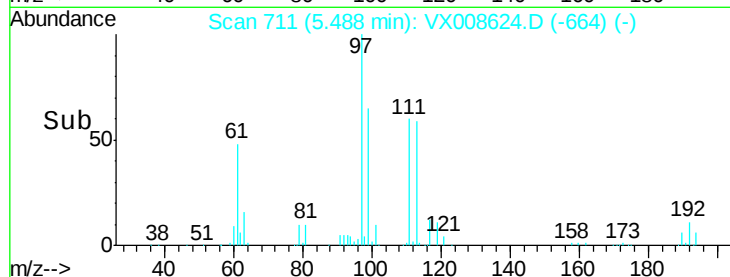
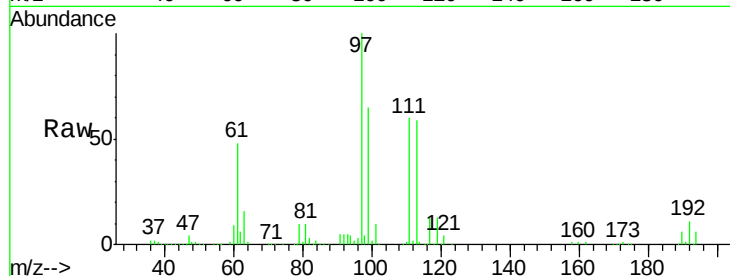
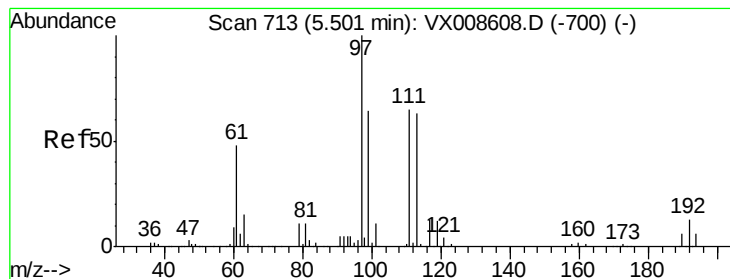
MMDadoda
 4/5/2019 11:11:41 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX008624.D
 Acq: 04 Apr 2019 09:39

Tgt Ion: 114 Resp: 343282
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 47.2
 88 16.1 0.0 34.0





#35

Dibromofluoromethane

Concen: 52.711 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX008624.D

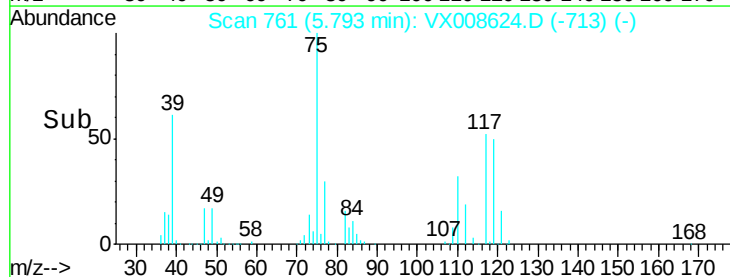
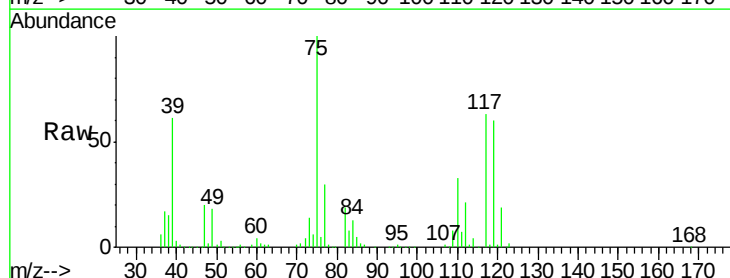
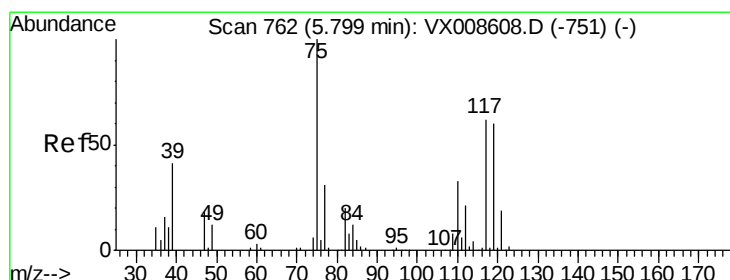
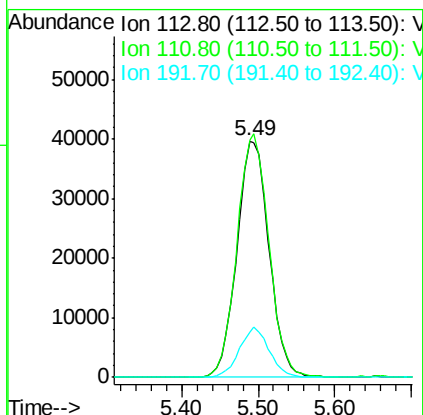
Acq: 04 Apr 2019 09:39

Tot Ion:	113	Resp:	115691
Ion Ratio	Lower	Upper	
113	100		
111	102.1	83.4	125.2
192	19.7	16.1	24.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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4/5/2019 11:11:41 AM



#36

1,1-Dichloropropene

Concen: 53.708 ug/l

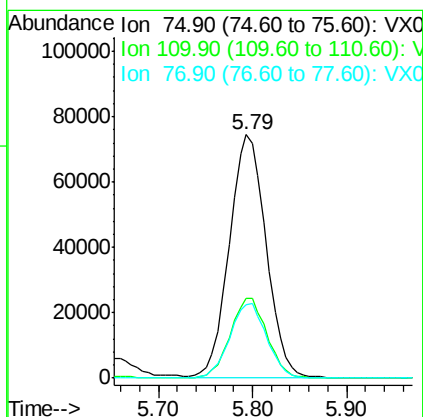
RT: 5.79 min Scan# 761

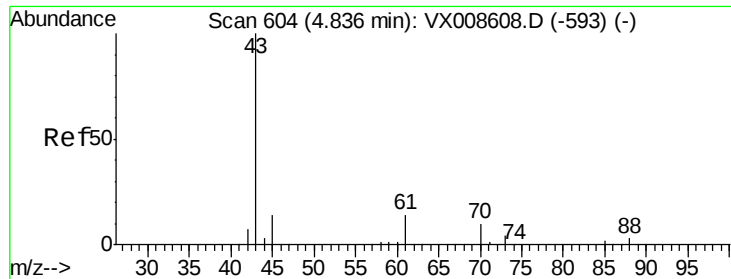
Delta R.T. -0.01 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Tgt Ion:	75	Resp:	201536
Ion Ratio	Lower	Upper	
75	100		
110	32.7	16.4	49.2
77	30.6	24.7	37.1





#37

Ethyl Acetate

Concen: 52.415 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Instrument :

MSVOA_X

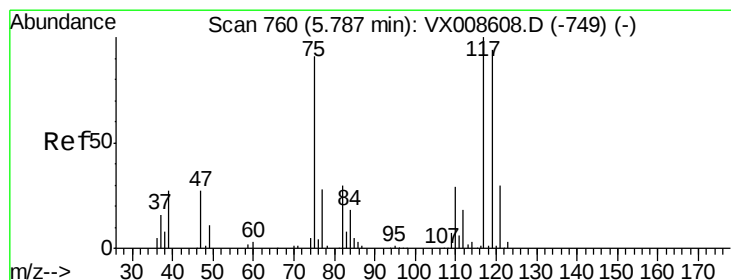
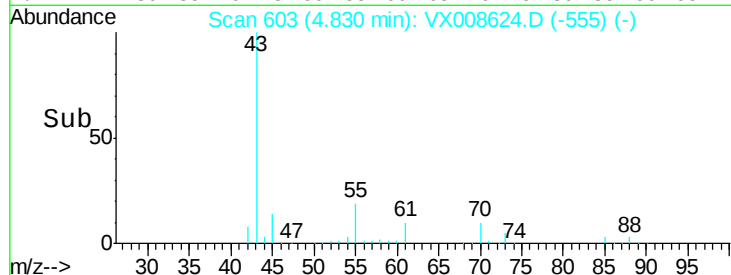
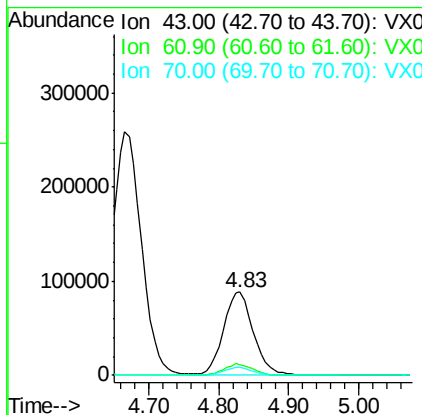
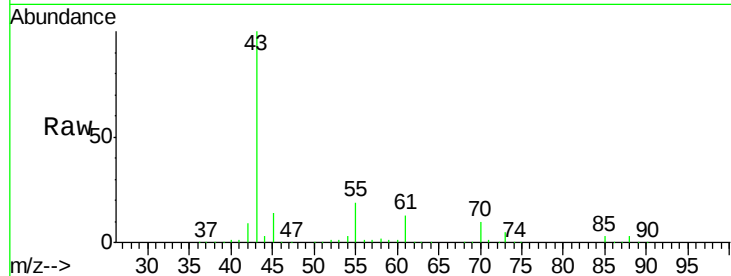
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	262532
Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.3	15.5
70	9.5	7.6	11.4

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 55.565 ug/l

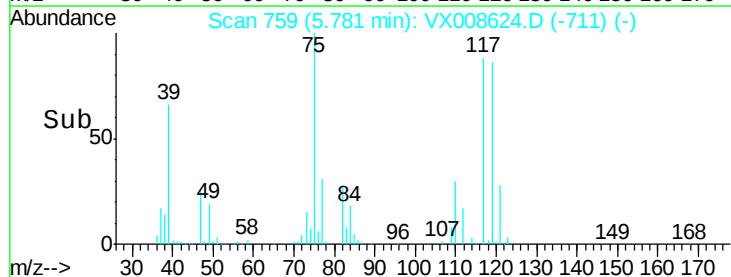
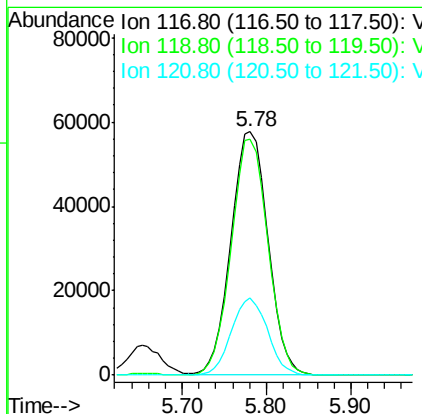
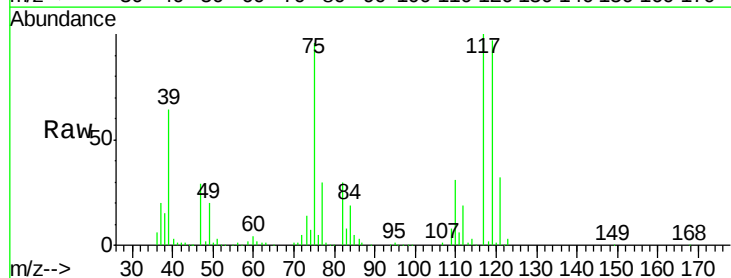
RT: 5.78 min Scan# 759

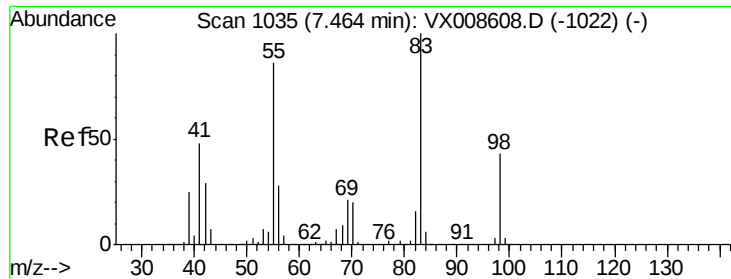
Delta R.T. -0.01 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Tgt Ion:	117	Resp:	172569
Ion	Ratio	Lower	Upper
117	100		
119	97.2	75.0	112.6
121	31.7	24.3	36.5





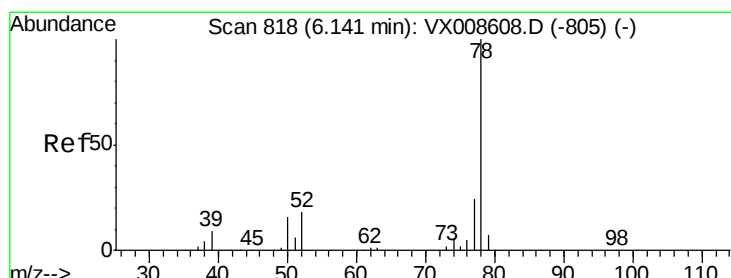
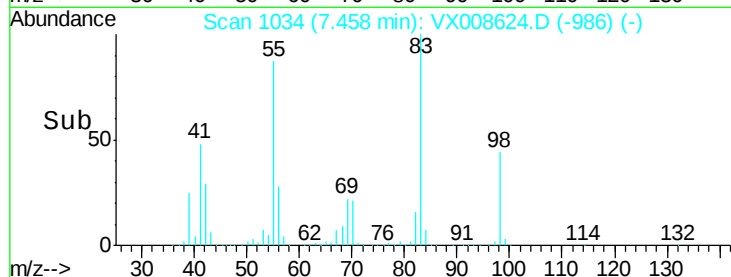
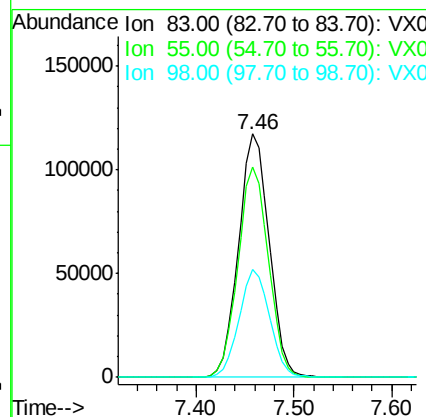
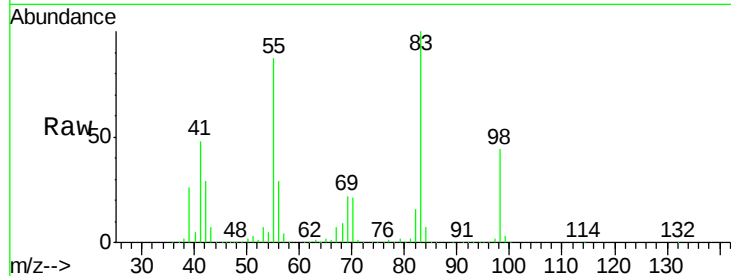
#39
Methvlcvclohexane
Concen: 55.031 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	86.5	69.0	103.6
98	44.2	34.4	51.6

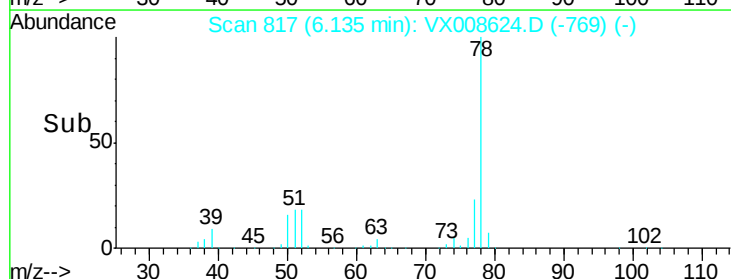
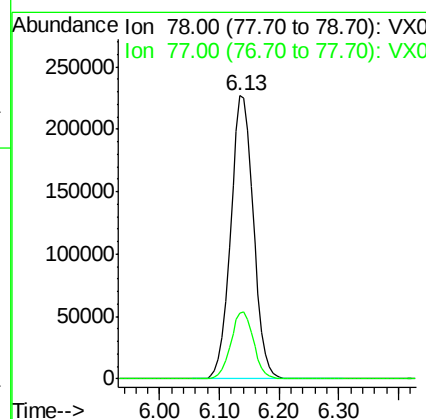
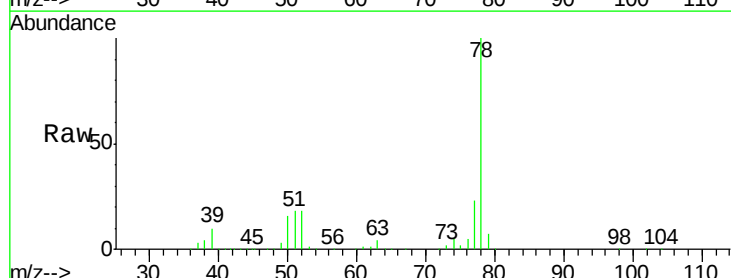
Manual Integrations
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#40
Benzene
Concen: 53.825 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.1	28.7





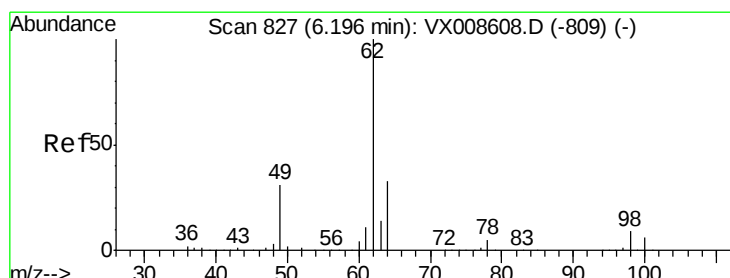
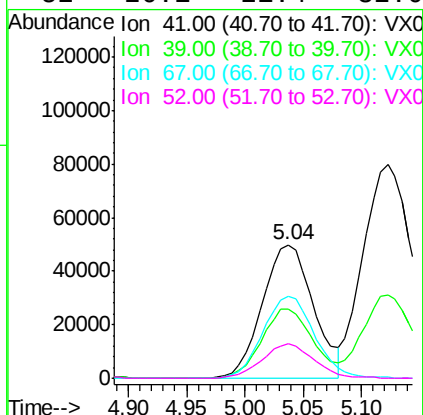
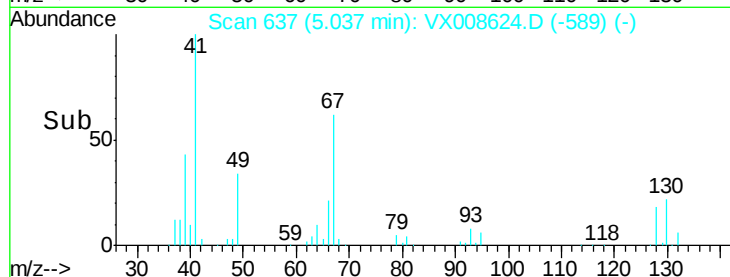
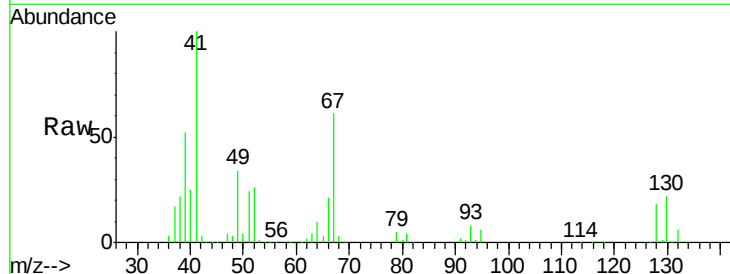
#41
Methacrylonitrile
Concen: 52.542 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.0	42.1	63.1	
67	62.3	51.0	76.6	
52	26.1	21.4	32.0	

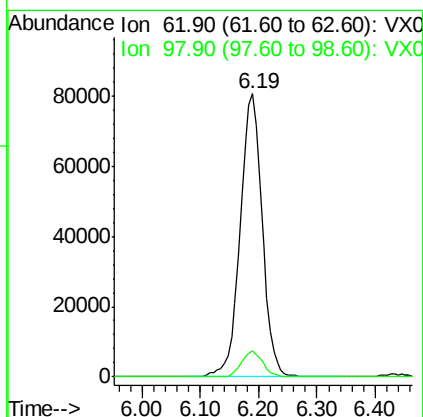
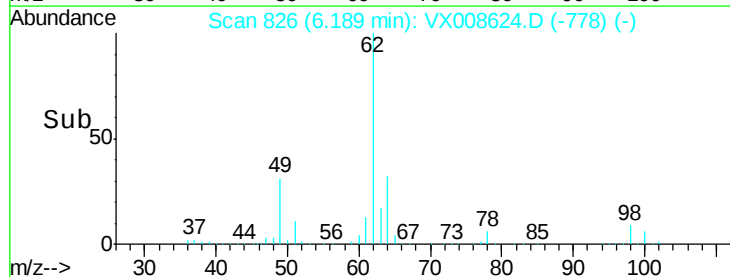
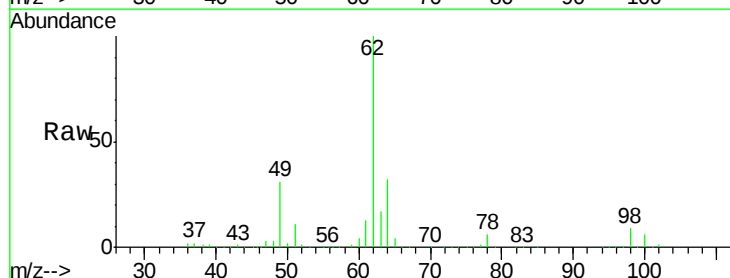
Manual Integrations
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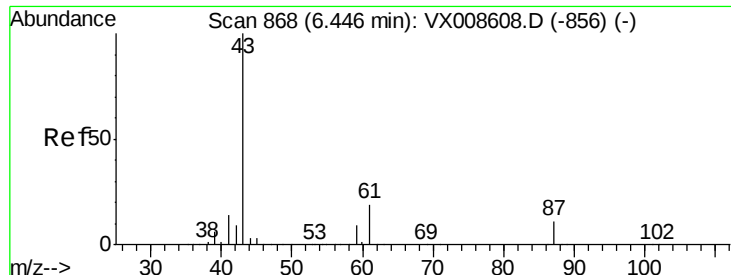
MMDadoda
4/5/2019 11:11:41 AM



#42
1,2-Dichloroethane
Concen: 52.730 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.9	0.0	18.0	





#43

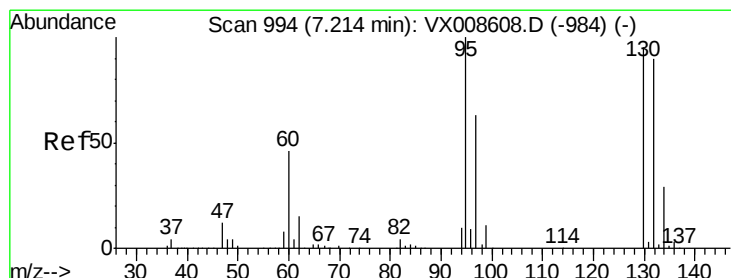
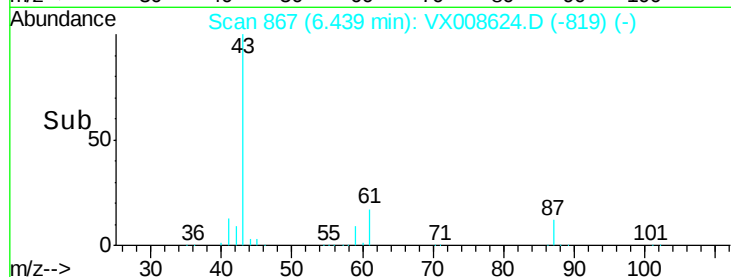
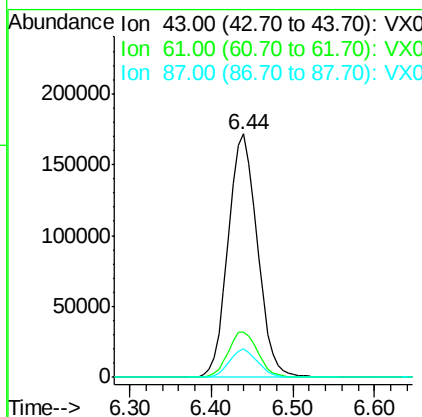
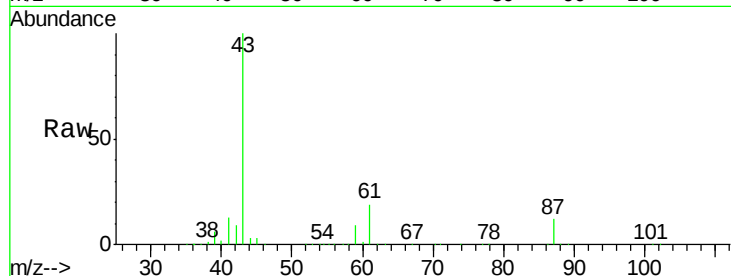
Isopropyl Acetate
 Concen: 53.903 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX008624.D
 Acq: 04 Apr 2019 09:39

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.3	22.9
87	11.3	9.0	13.6

Manual Integrations
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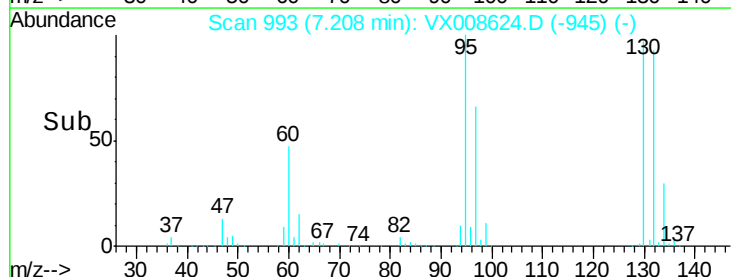
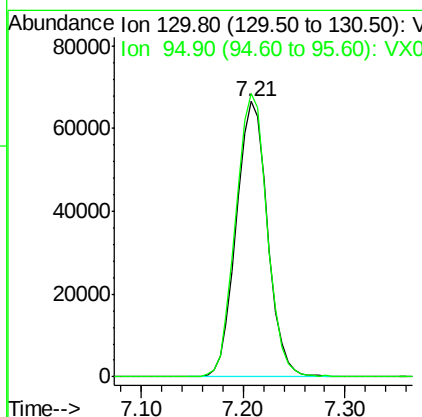
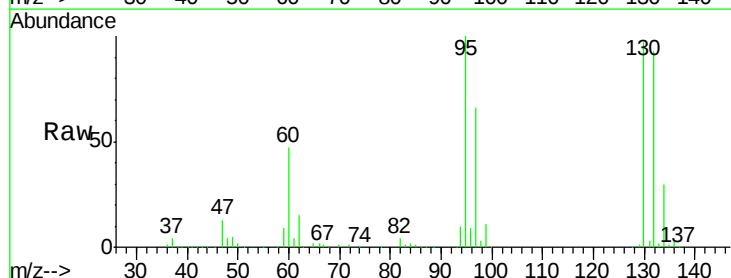
MMDadoda
 4/5/2019 11:11:41 AM

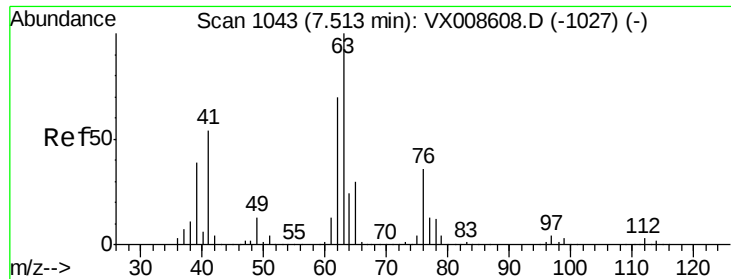


#44

Trichloroethene
 Concen: 54.402 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX008624.D
 Acq: 04 Apr 2019 09:39

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.8	0.0	209.8





#45

1,2-Dichloropropane

Concen: 53.470 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 170608

Ion Ratio Lower Upper

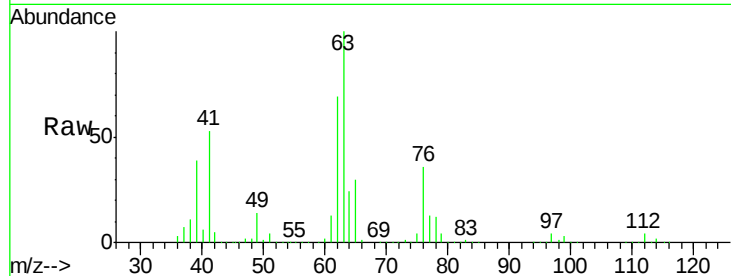
63 100

65 29.7 24.2 36.4

Manual Integrations
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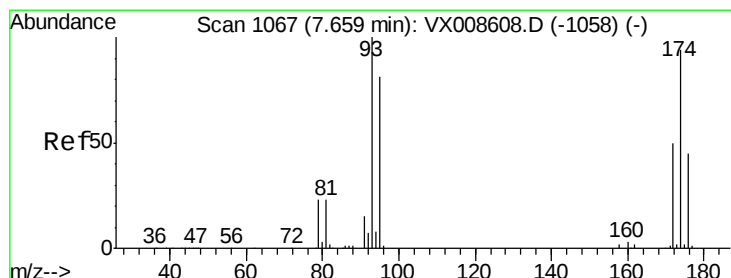
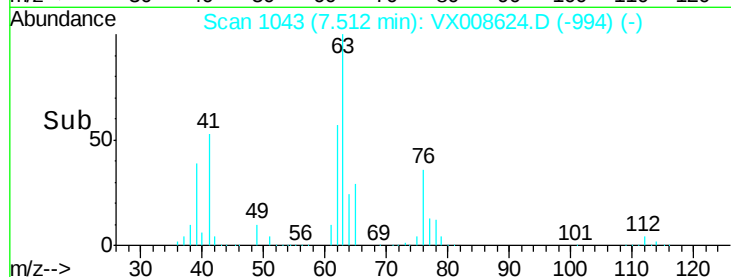
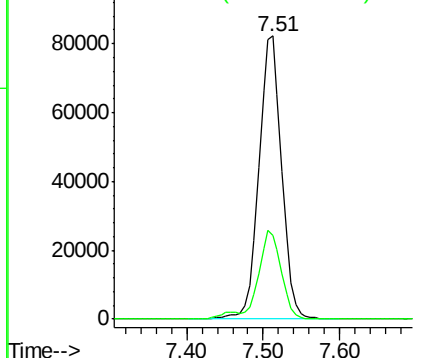
MMDadoda

4/5/2019 11:11:41 AM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 52.108 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

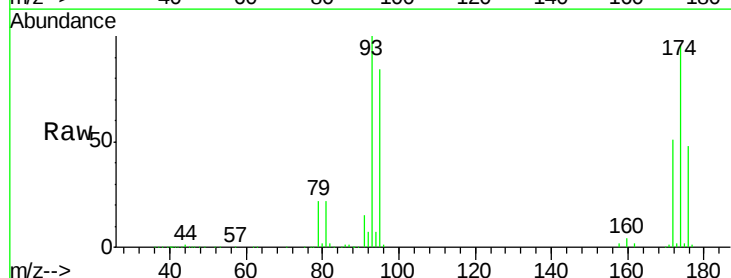
Tgt Ion: 93 Resp: 96430

Ion Ratio Lower Upper

93 100

95 83.8 66.6 99.8

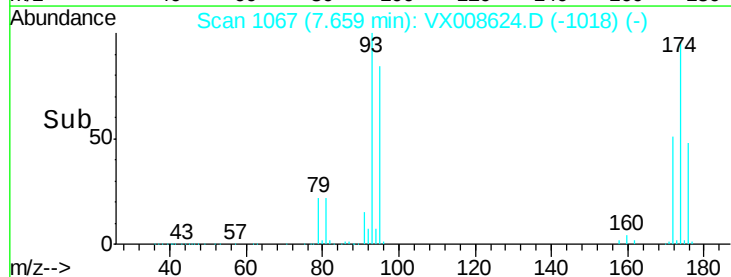
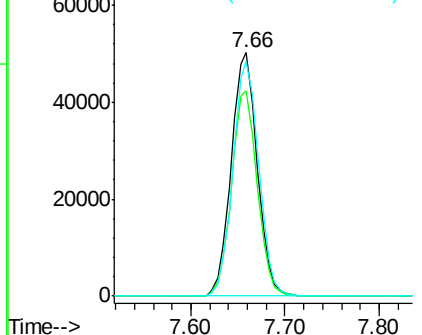
174 96.3 77.7 116.5

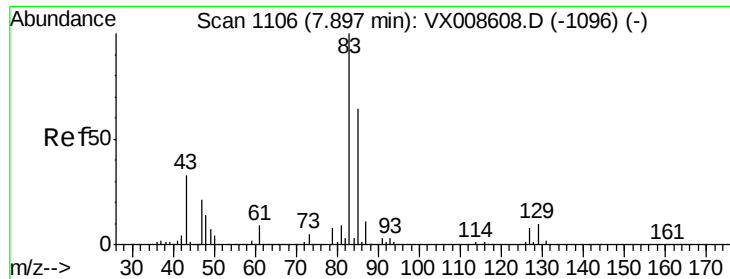


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 56.415 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Instrument :

MSVOA_X

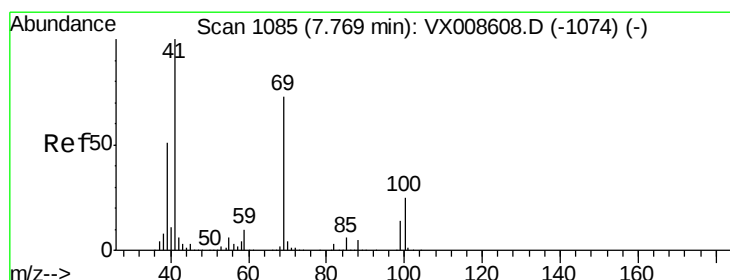
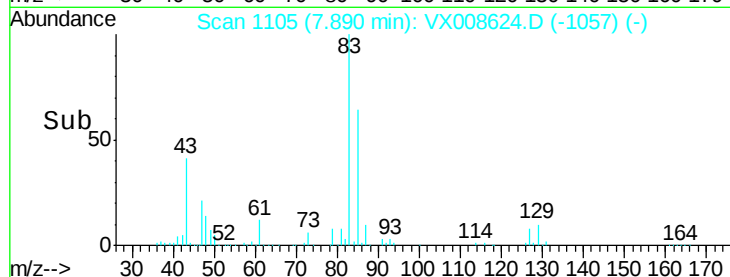
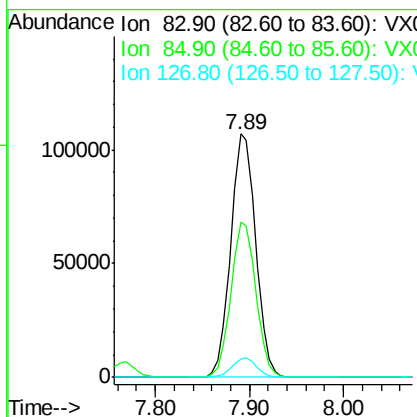
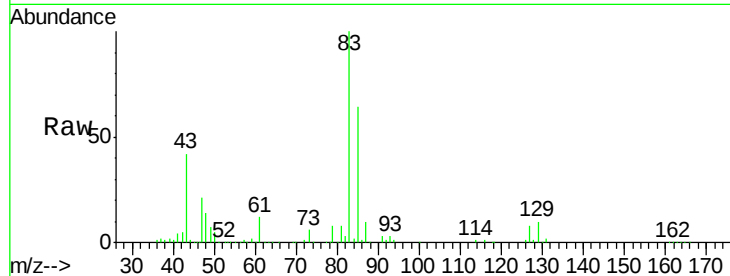
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	196845
Ion Ratio	Lower	Upper	
83	100		
85	63.6	51.2	76.8
127	7.7	6.6	10.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 54.500 ug/l

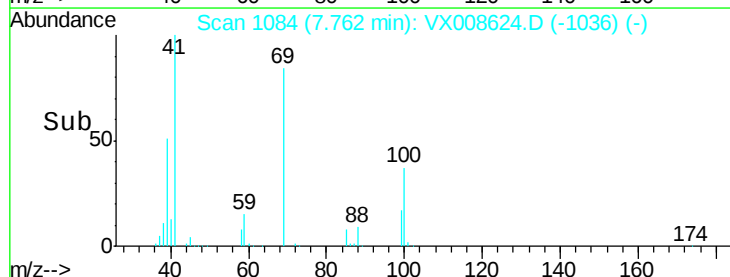
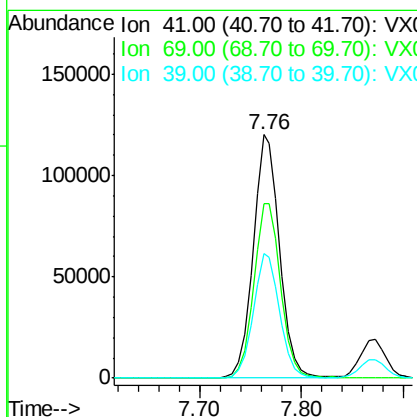
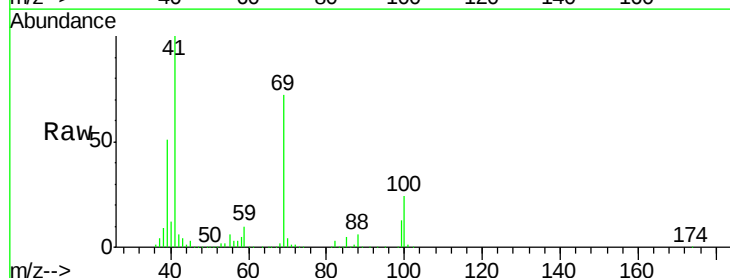
RT: 7.76 min Scan# 1084

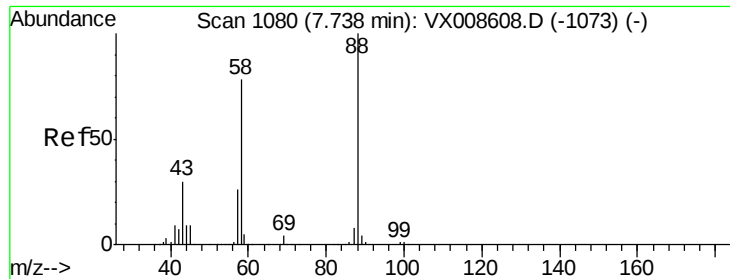
Delta R.T. -0.01 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Tgt Ion:	41	Resp:	216310
Ion Ratio	Lower	Upper	
41	100		
69	73.6	59.0	88.4
39	51.2	41.0	61.4





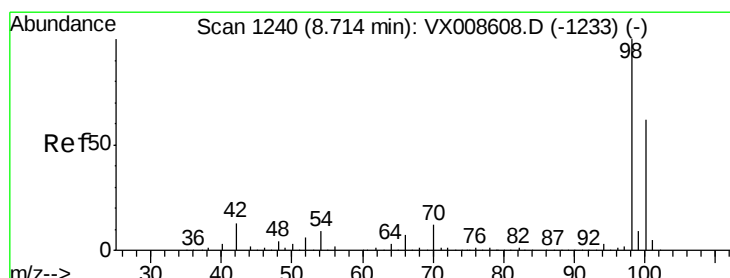
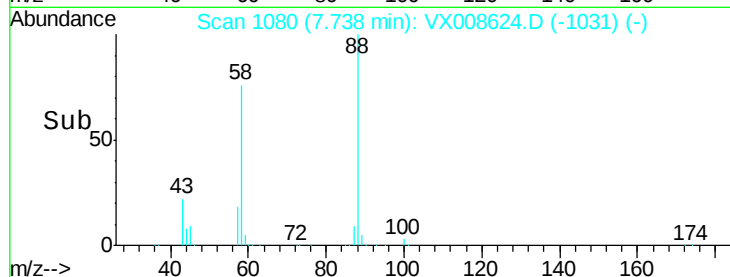
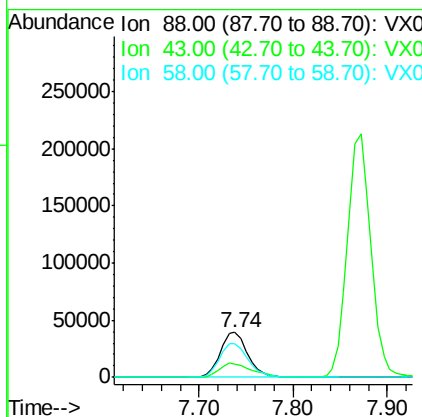
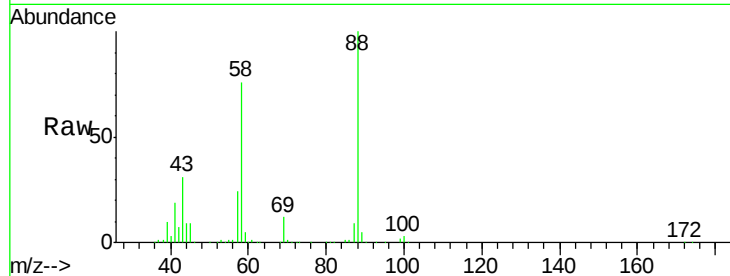
#49
1,4-Dioxane
Concen: 1075.737 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.0	28.6	43.0
58	78.6	62.2	93.2

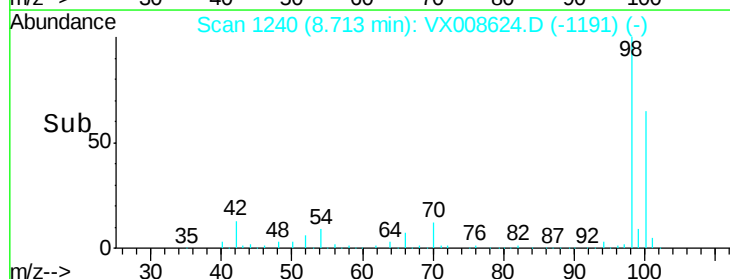
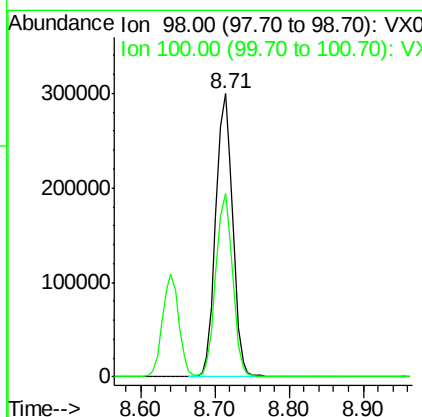
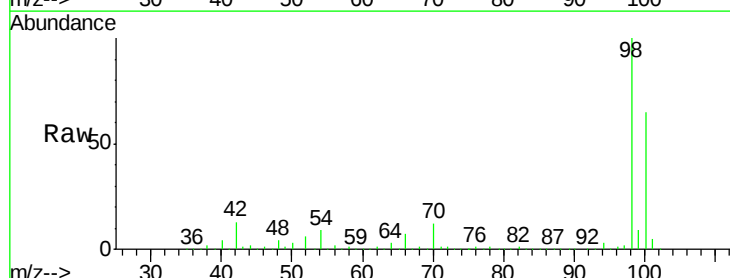
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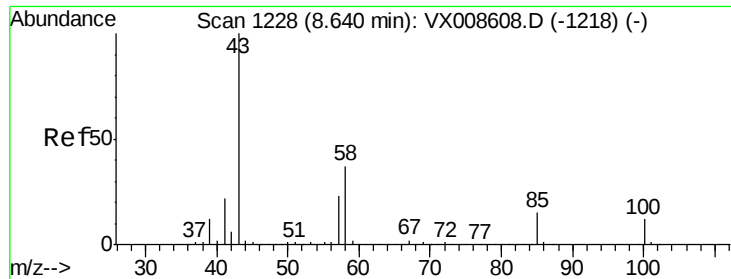
MMDadoda
4/5/2019 11:11:41 AM



#50
Toluene-d8
Concen: 53.631 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.4	77.0





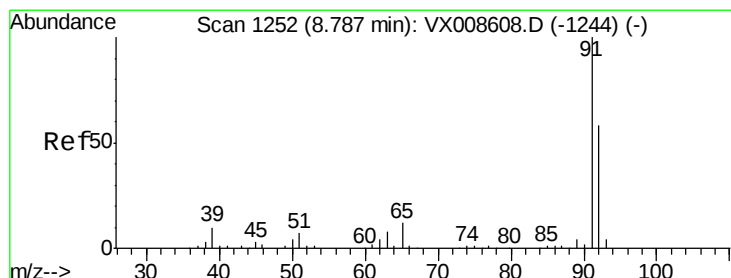
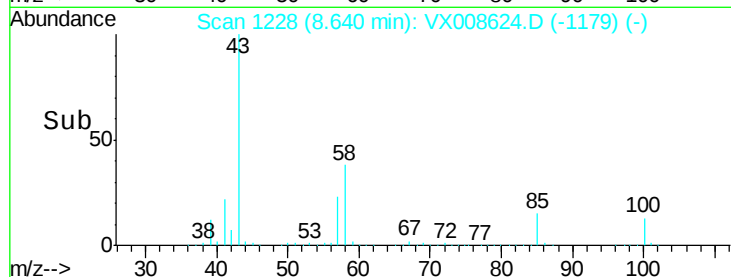
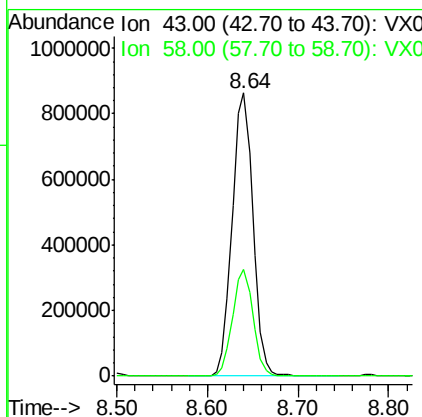
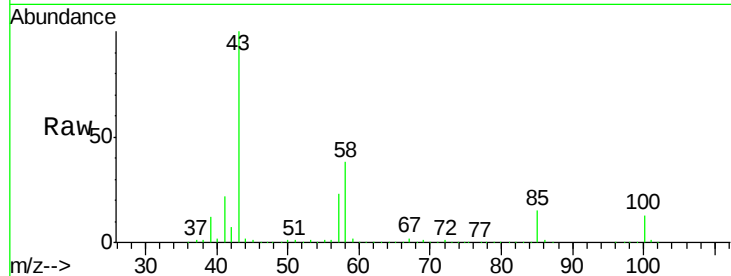
#51
4-Methyl-2-Pentanone
Concen: 273.767 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1382753
Ion Ratio Lower Upper
43 100
58 37.0 29.5 44.3

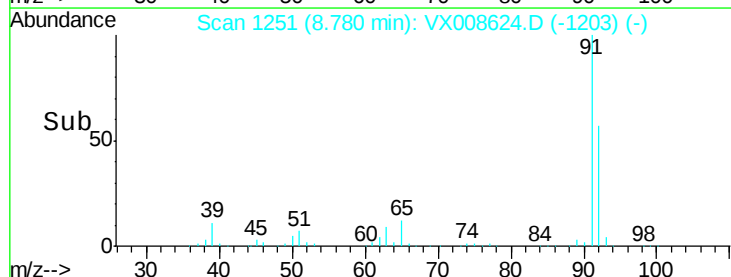
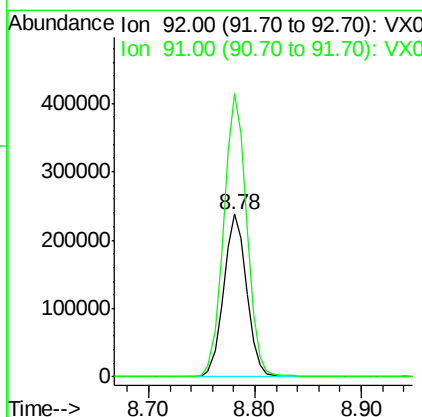
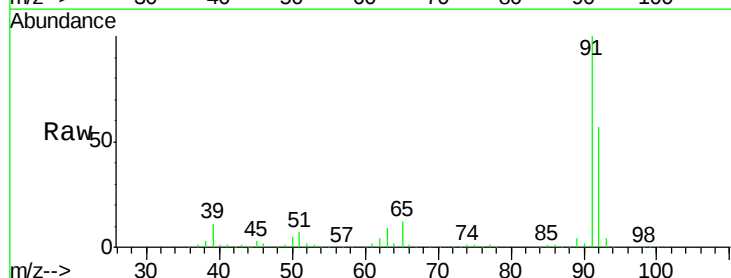
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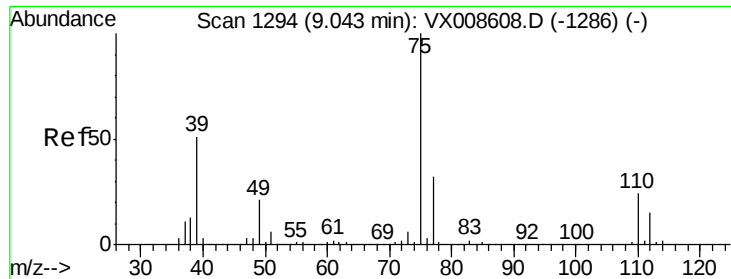
MMDadoda
4/5/2019 11:11:41 AM



#52
Toluene
Concen: 54.694 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

Tgt Ion: 92 Resp: 360466
Ion Ratio Lower Upper
92 100
91 174.8 138.5 207.7





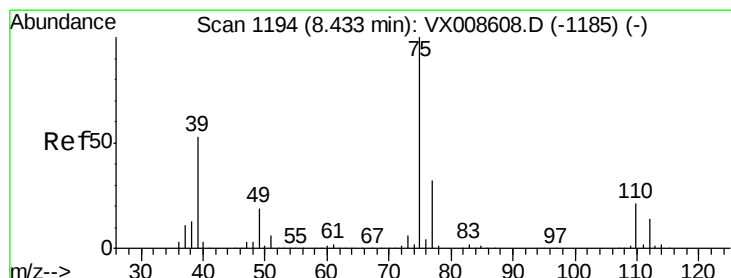
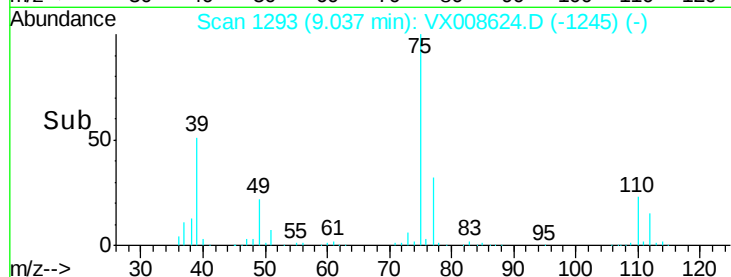
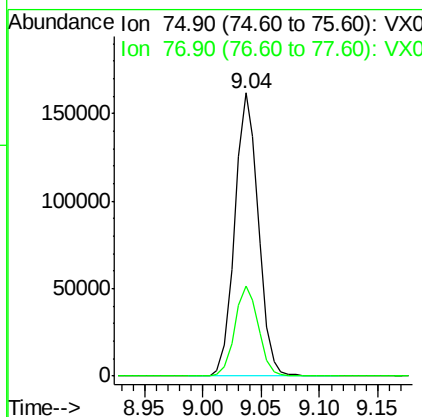
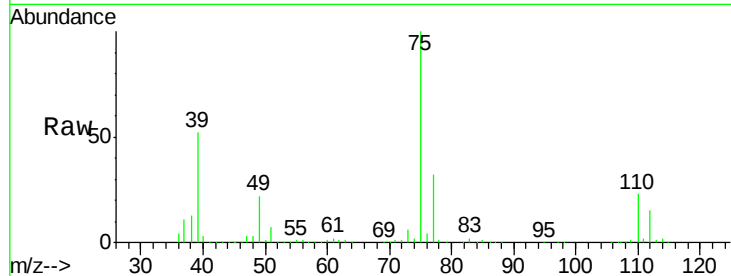
#53
 t-1,3-Dichloropropene
 Concen: 58.420 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: VX008624.D
 Acq: 04 Apr 2019 09:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 228336
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.2 37.8

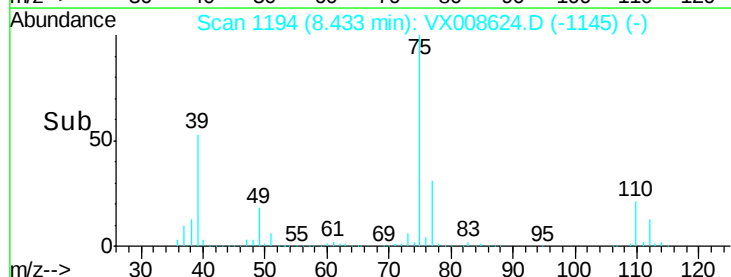
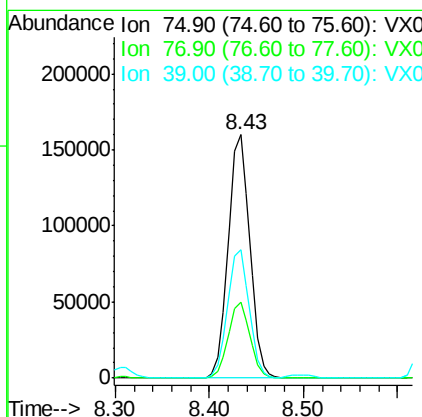
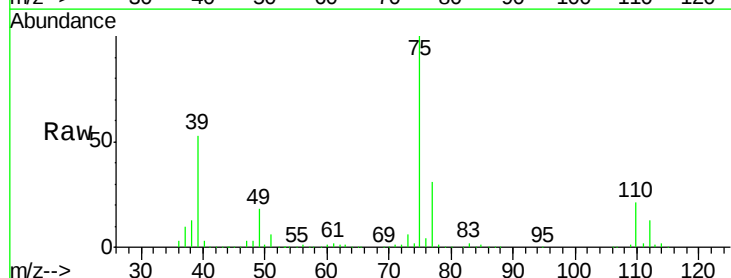
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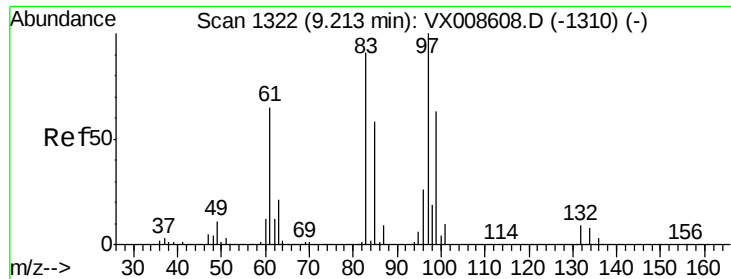
MMDadoda
 4/5/2019 11:11:41 AM



#54
 cis-1,3-Dichloropropene
 Concen: 57.138 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008624.D
 Acq: 04 Apr 2019 09:39

Tgt Ion: 75 Resp: 255183
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.3 37.9
 39 52.6 42.6 63.8





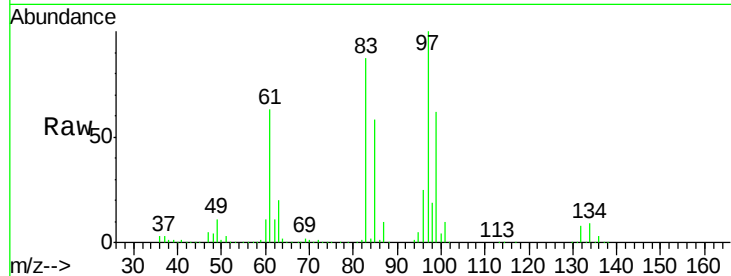
#55
 1,1,2-Trichloroethane
 Concen: 54.313 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008624.D
 Acq: 04 Apr 2019 09:39

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

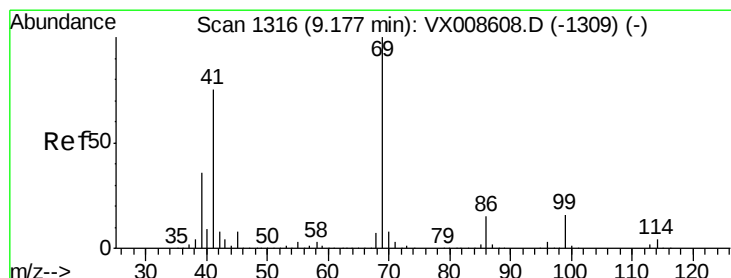
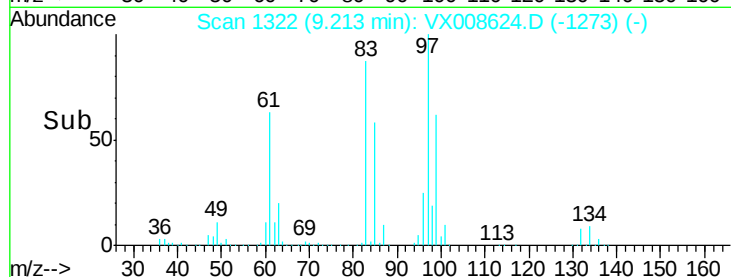
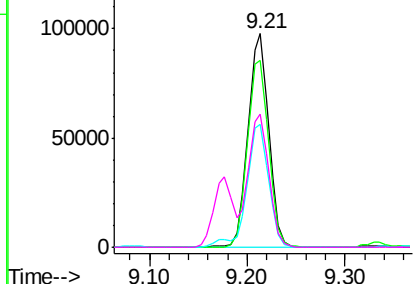
Tot Ion:	97	Resp:	143685
Ion	Ratio	Lower	Upper
97	100		
83	87.3	73.2	109.8
85	57.7	46.6	69.8
99	62.2	50.1	75.1

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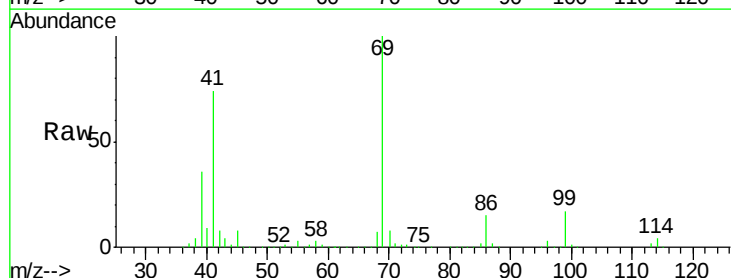


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

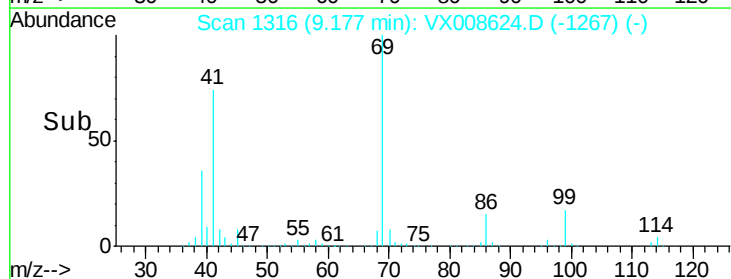
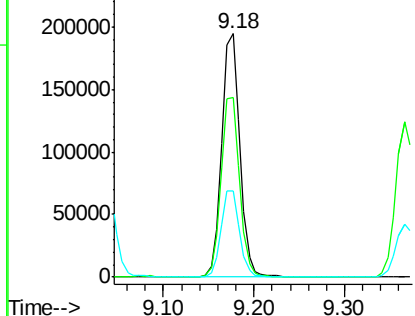


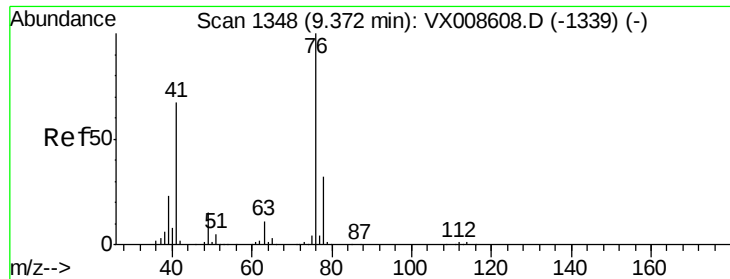
#56
 Ethyl methacrylate
 Concen: 56.798 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX008624.D
 Acq: 04 Apr 2019 09:39

Tgt Ion:	69	Resp:	271865
Ion	Ratio	Lower	Upper
69	100		
41	75.1	60.1	90.1
39	36.2	28.9	43.3



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 54.360 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 258233

Ion Ratio Lower Upper

76 100

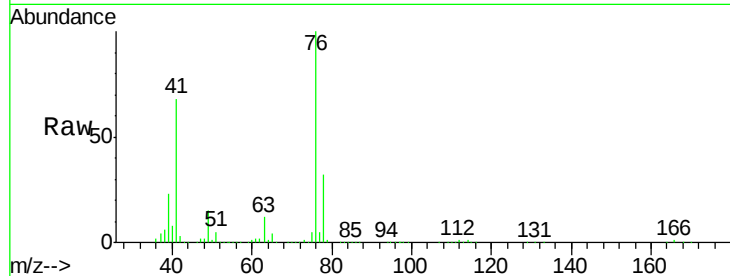
78 31.7 25.6 38.4

Manual Integrations

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4/5/2019 11:11:41 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

200000

150000

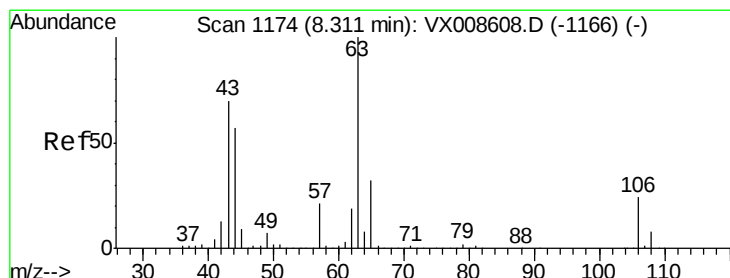
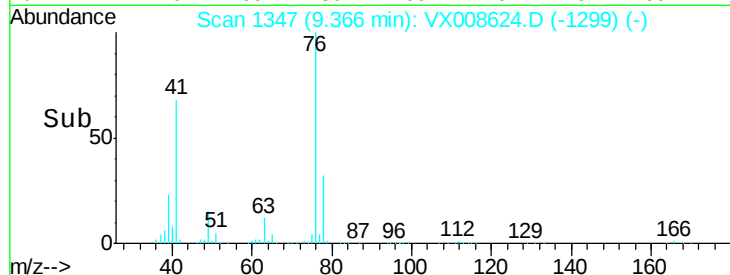
100000

50000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 229.087 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX008624.D

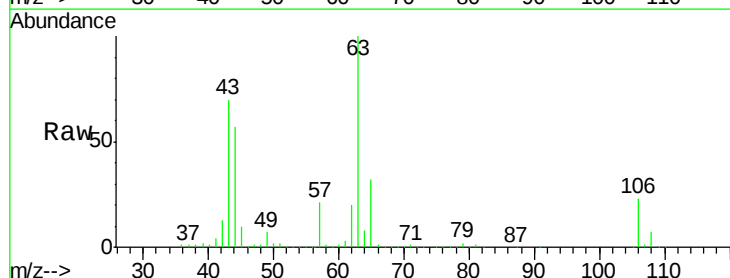
Acq: 04 Apr 2019 09:39

Tgt Ion: 63 Resp: 559911

Ion Ratio Lower Upper

63 100

106 23.8 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.30

400000

300000

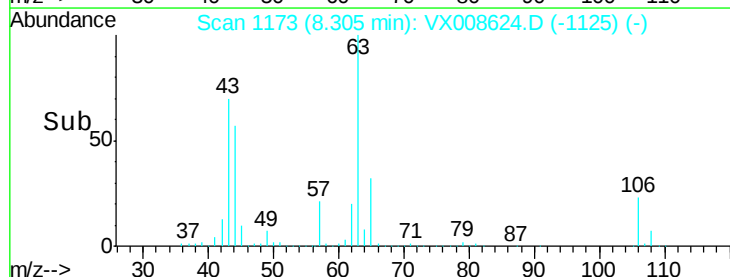
200000

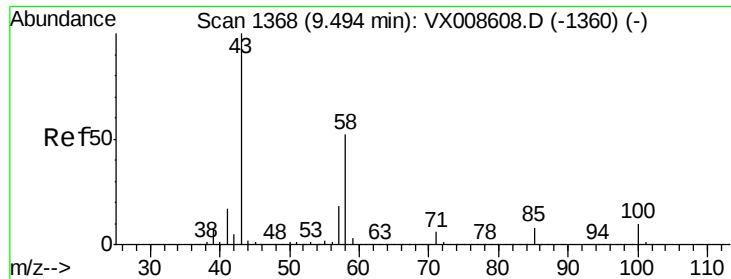
100000

0

8.20 8.30 8.40

Time-->





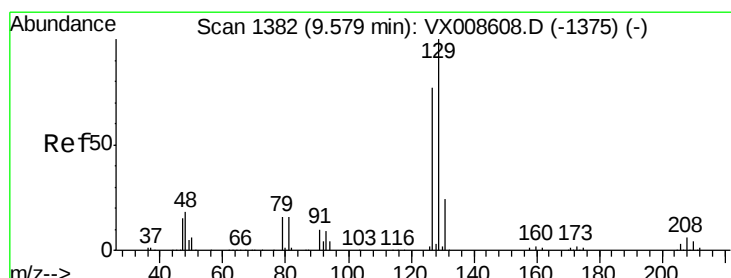
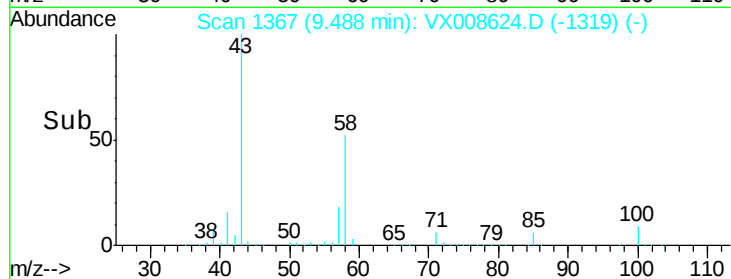
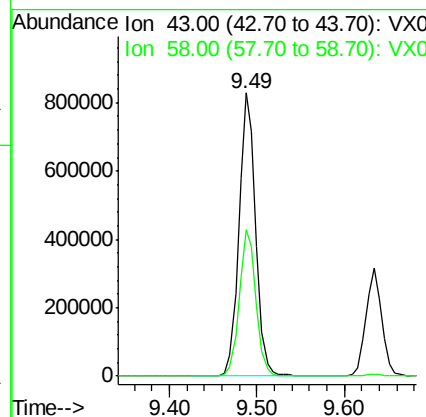
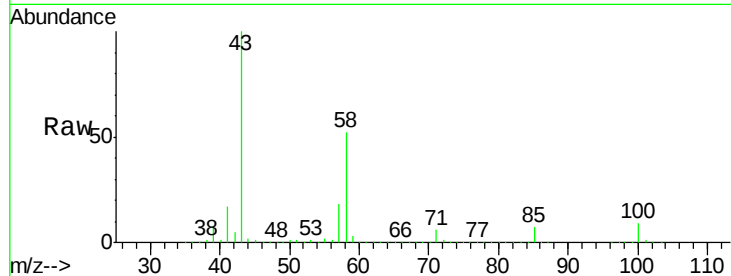
#59
2-Hexanone
Concen: 281.028 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1103103
Ion Ratio Lower Upper
43 100
58 51.9 25.9 77.7

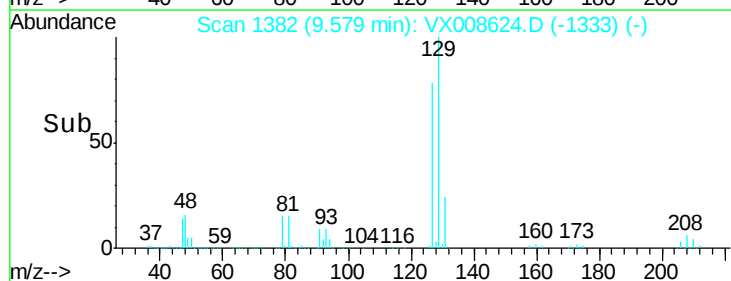
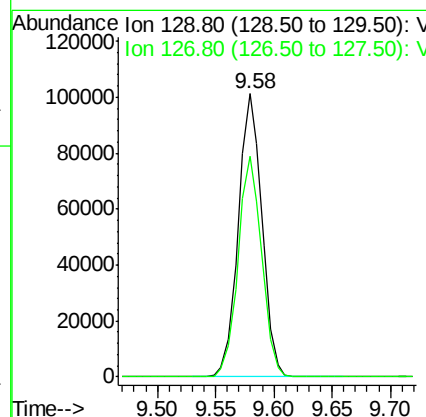
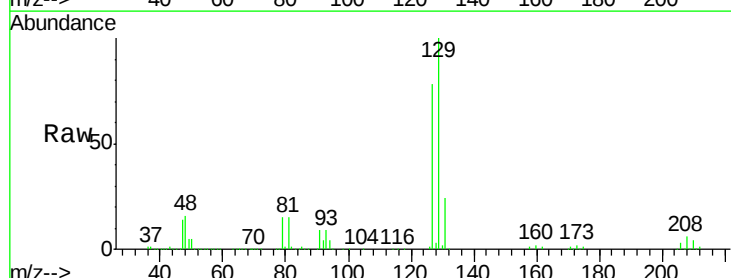
Manual Integrations
APPROVED

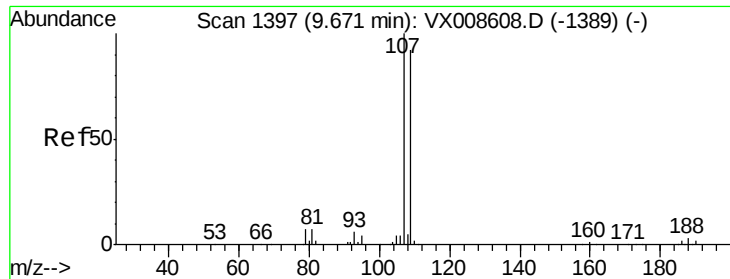
MMDadoda
4/5/2019 11:11:41 AM



#60
Dibromochloromethane
Concen: 57.439 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

Tgt Ion:129 Resp: 143189
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.3





#61

1,2-Dibromoethane

Concen: 54.121 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 149052

Ion Ratio Lower Upper

107 100

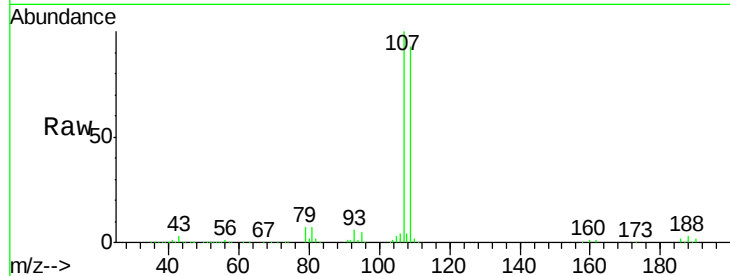
109 93.2 74.1 111.1

Manual Integrations

APPROVED

MMDadoda

4/5/2019 11:11:41 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

120000

100000

80000

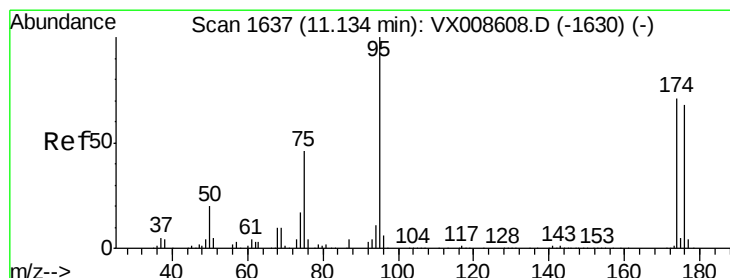
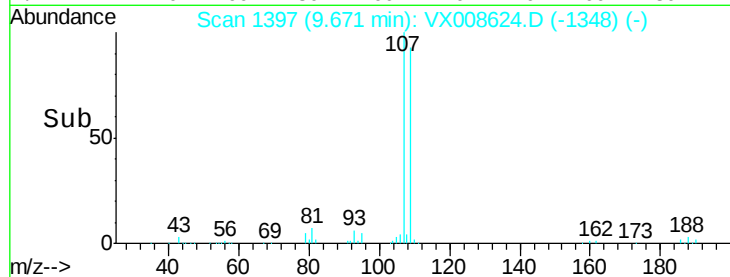
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 56.716 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

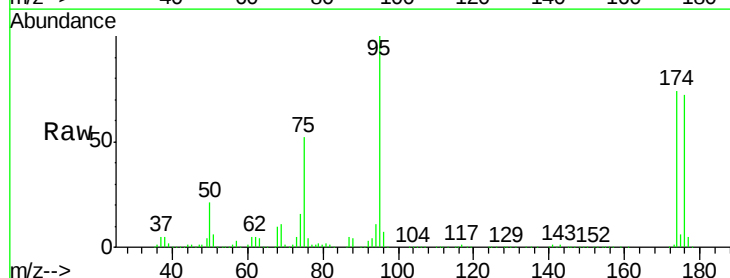
Tgt Ion: 95 Resp: 175764

Ion Ratio Lower Upper

95 100

174 76.6 0.0 151.8

176 73.8 0.0 145.8



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

11.13

200000

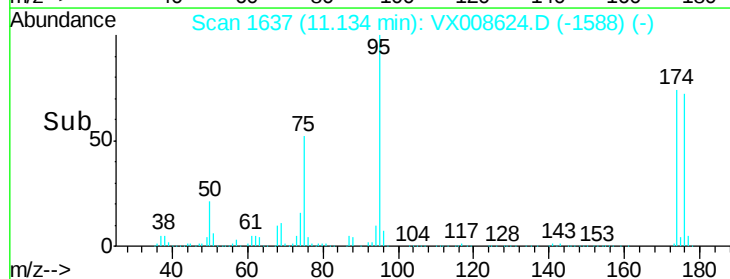
150000

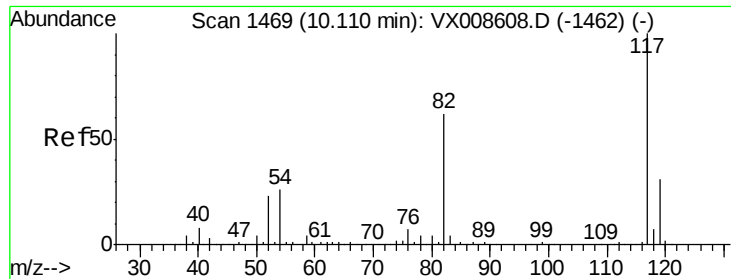
100000

50000

0

Time-->





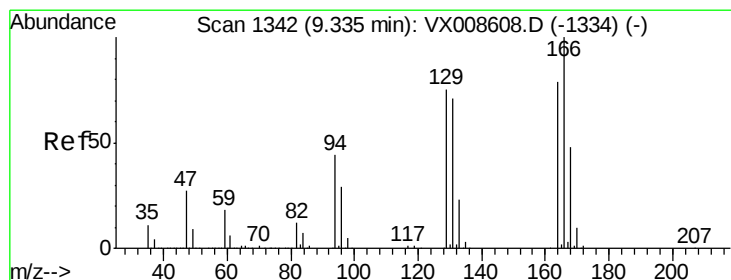
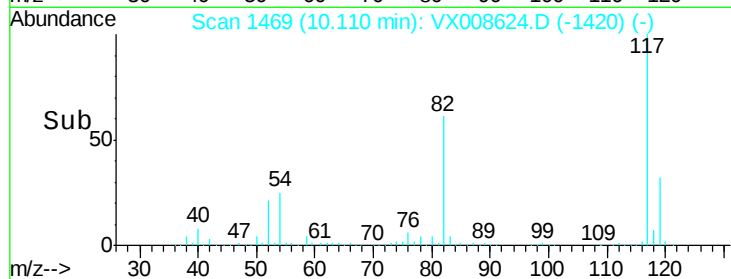
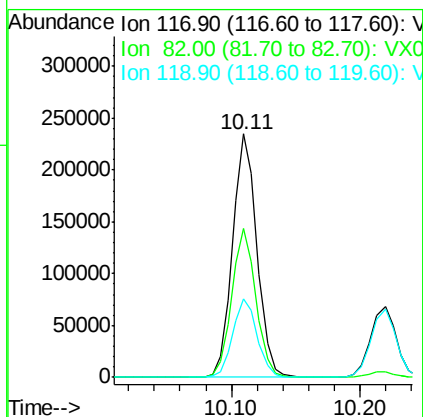
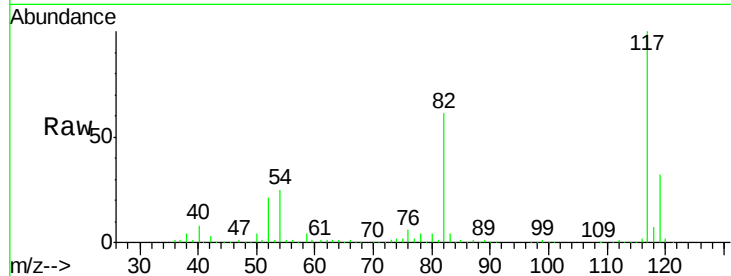
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	309357		
82	61.3	49.6	74.4	
119	32.2	25.0	37.4	

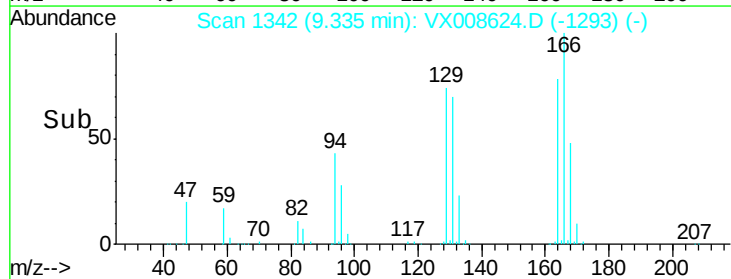
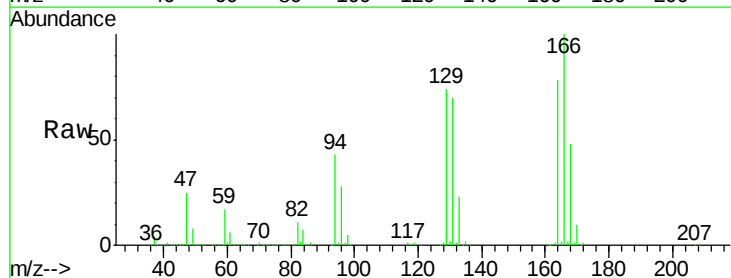
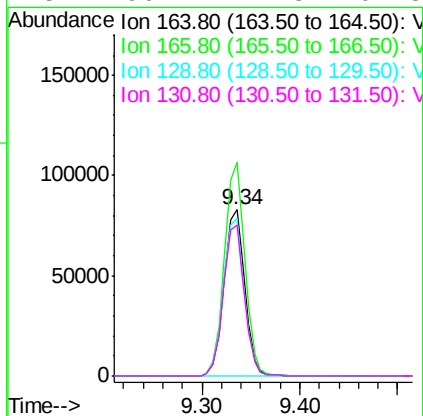
Manual Integrations
APPROVED

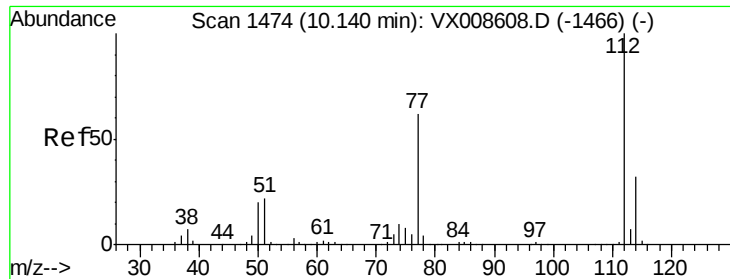
MMDadoda
4/5/2019 11:11:41 AM



#64
Tetrachloroethene
Concen: 53.441 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	122488		
166	128.4	101.0	151.6	
129	94.7	75.8	113.8	
131	90.4	71.8	107.8	





#65

Chlorobenzene

Concen: 53.866 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 369384

Ion Ratio Lower Upper

112 100

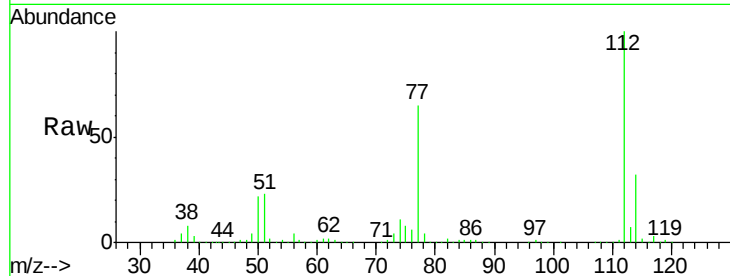
114 31.9 25.8 38.8

Manual Integrations

APPROVED

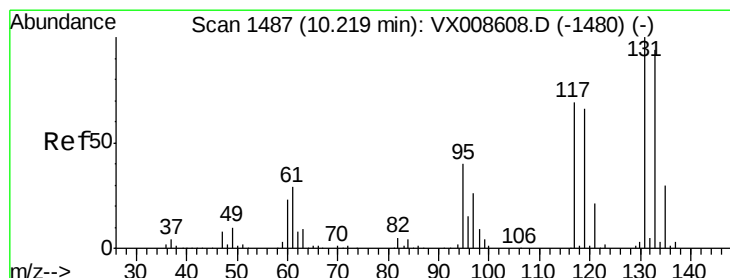
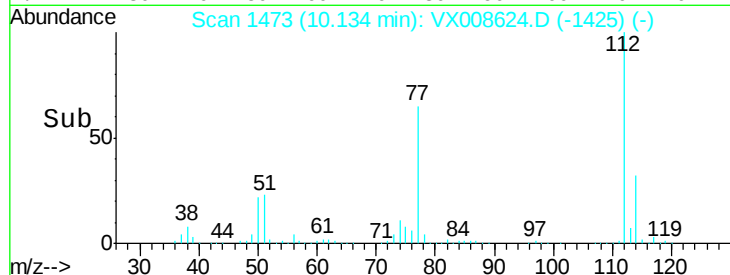
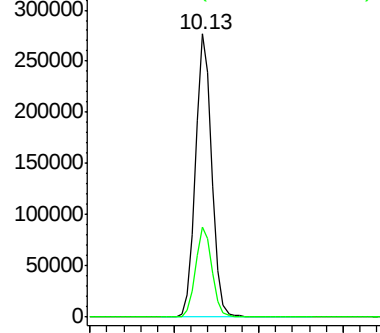
MMDadoda

4/5/2019 11:11:41 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 54.312 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

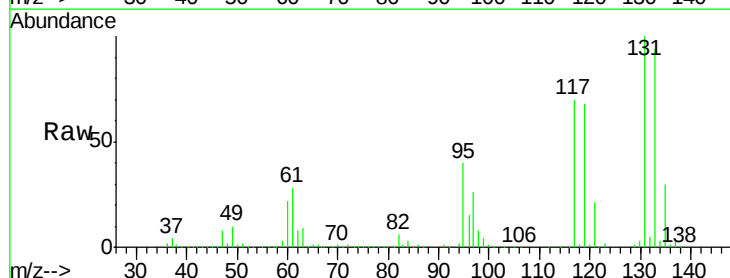
Tgt Ion:131 Resp: 130659

Ion Ratio Lower Upper

131 100

133 95.3 47.0 141.2

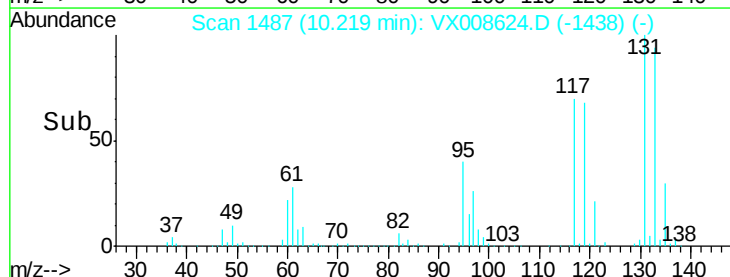
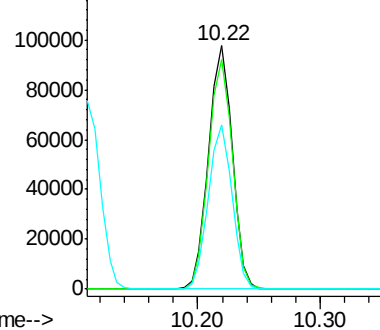
119 67.7 33.7 101.0

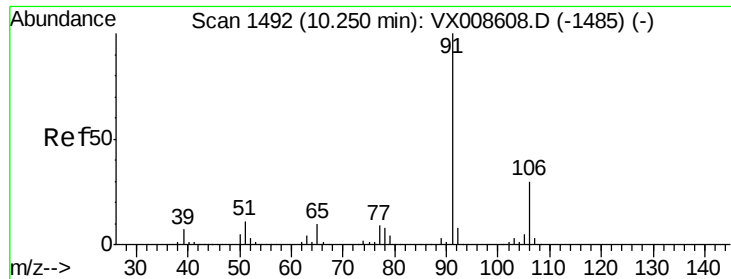


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





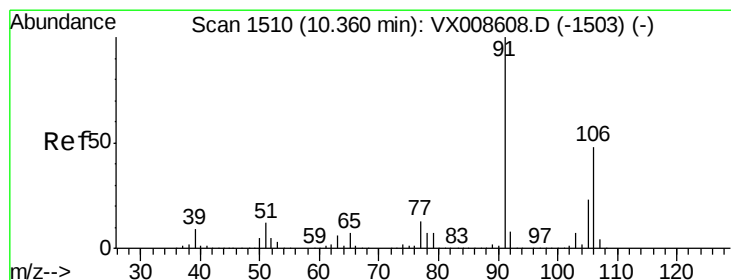
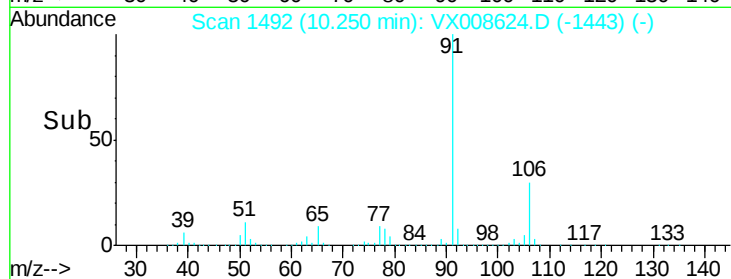
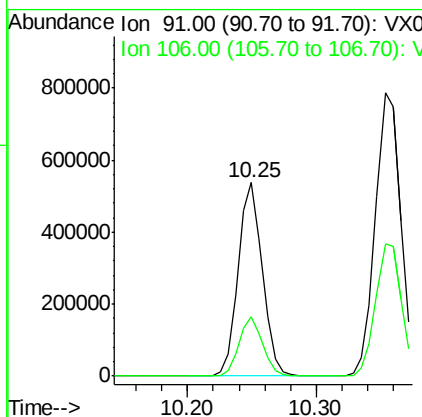
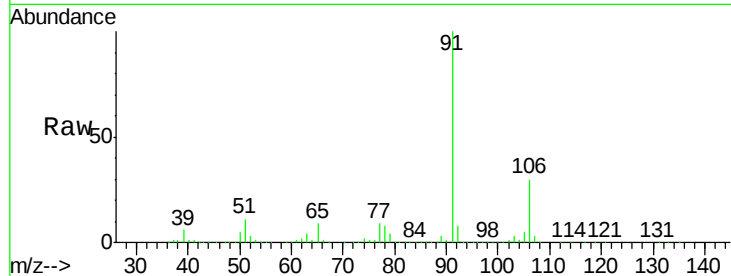
#67
Ethyl Benzene
Concen: 54.851 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 701376
Ion Ratio Lower Upper
91 100
106 30.4 23.7 35.5

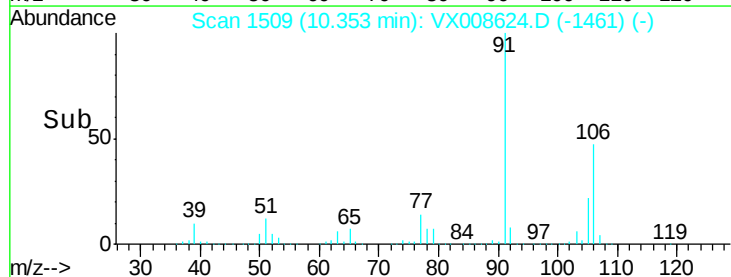
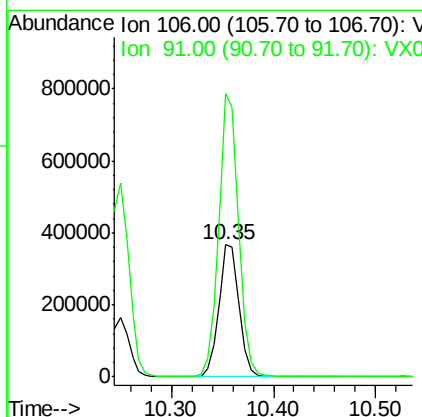
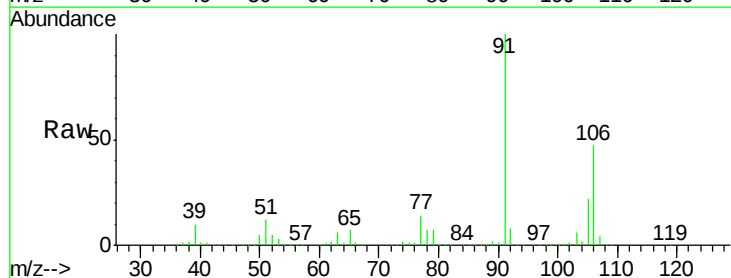
Manual Integrations
APPROVED

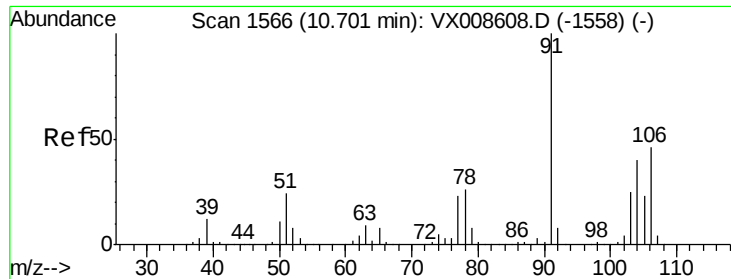
MMDadoda
4/5/2019 11:11:41 AM



#68
m/p-Xylenes
Concen: 110.799 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

Tgt Ion: 106 Resp: 509411
Ion Ratio Lower Upper
106 100
91 210.9 168.5 252.7





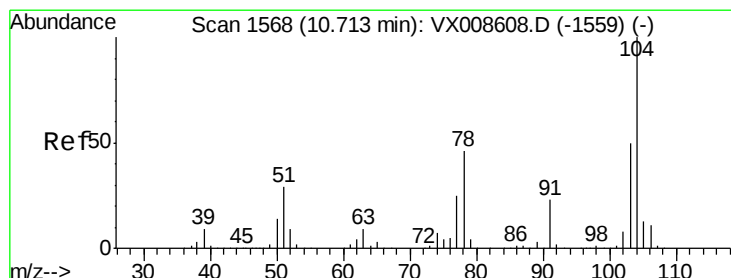
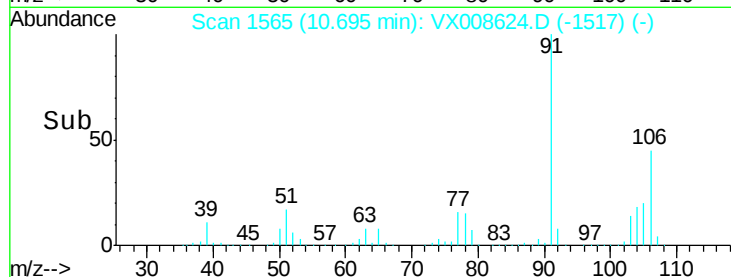
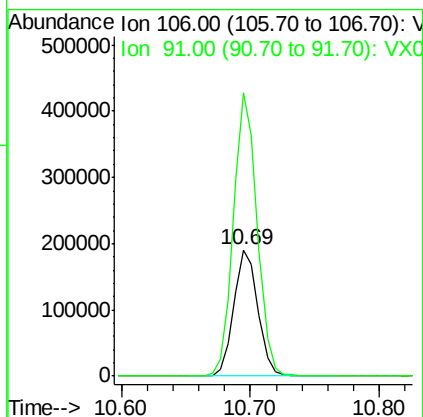
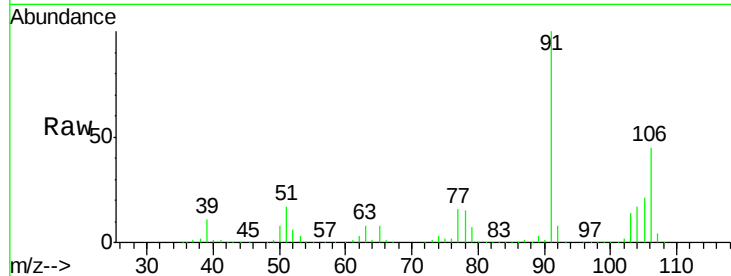
#69
o-Xylene
Concen: 55.728 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	221.2	111.5	334.4

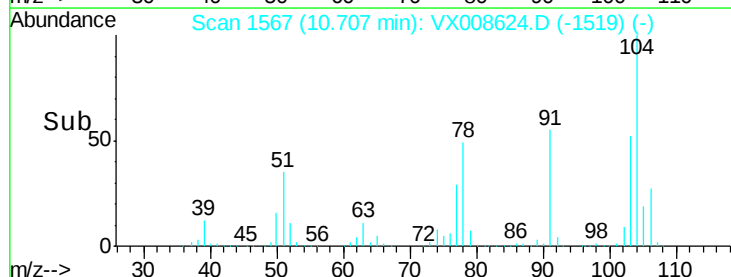
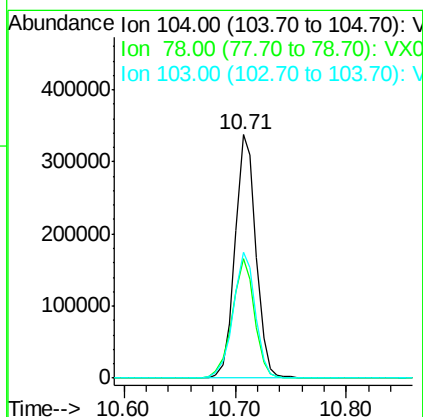
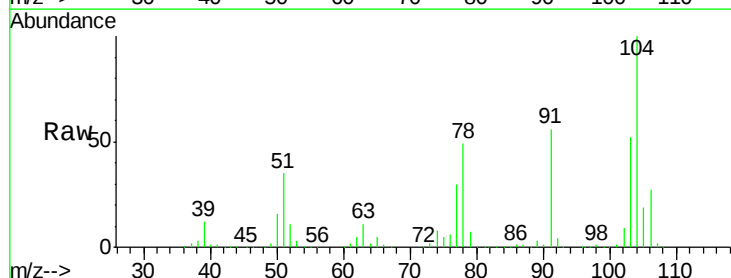
Manual Integrations
APPROVED

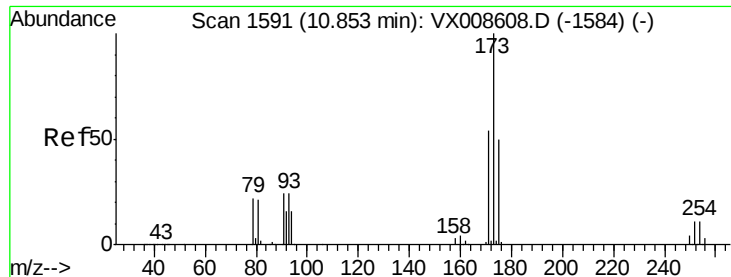
MMDadoda
4/5/2019 11:11:41 AM



#70
Styrene
Concen: 56.999 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.3	42.3	63.5
103	55.1	44.4	66.6





#71

Bromoform

Concen: 58.572 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 107618

Ion Ratio Lower Upper

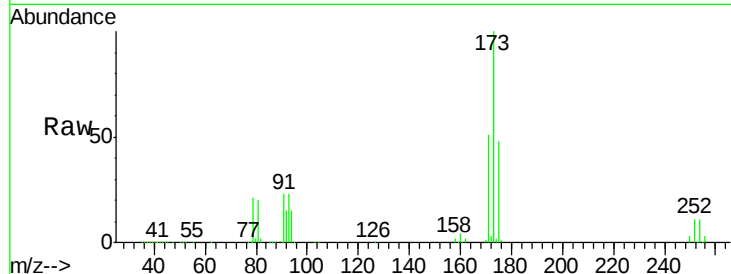
173 100

175 48.0 24.9 74.6

254 0.2 0.1 0.1#

Manual Integrations
APPROVED

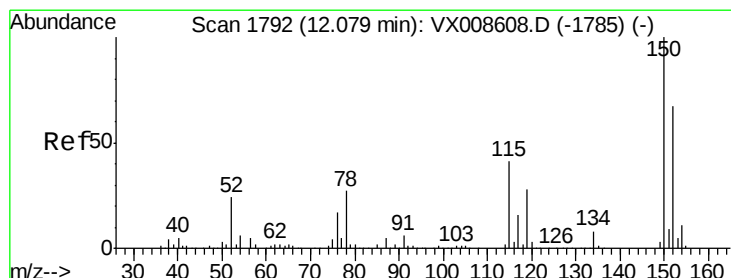
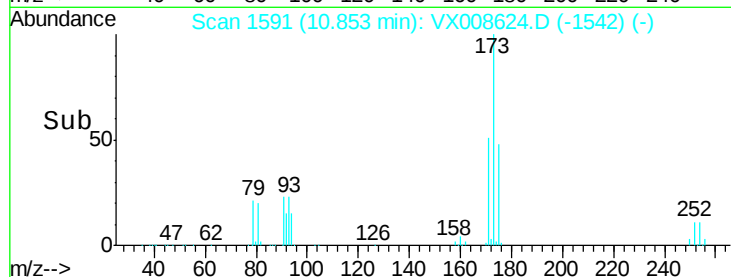
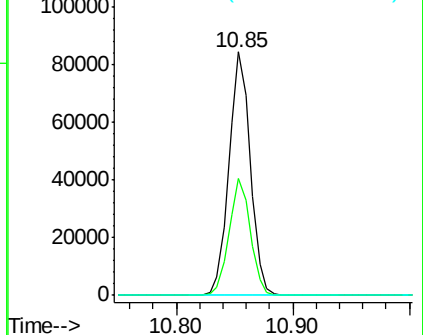
MMDadoda
4/5/2019 11:11:41 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

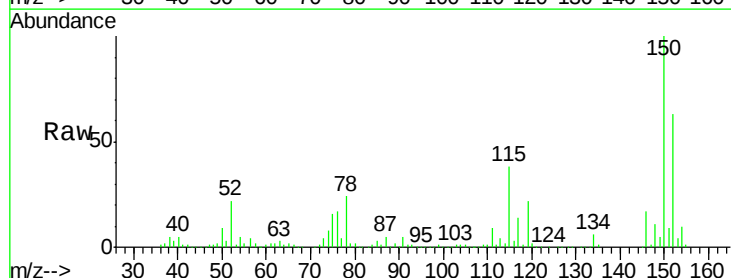
Tgt Ion:152 Resp: 149959

Ion Ratio Lower Upper

152 100

115 88.9 43.5 130.5

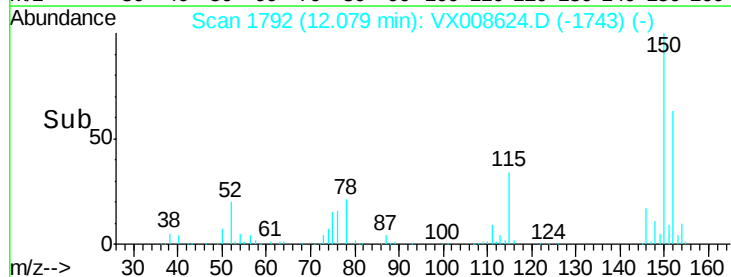
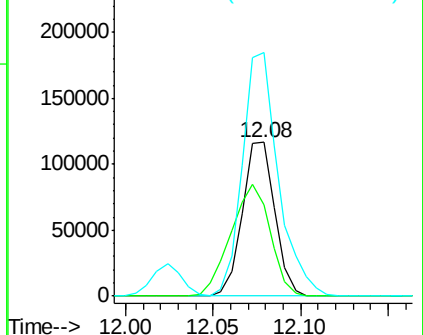
150 176.1 0.0 348.8

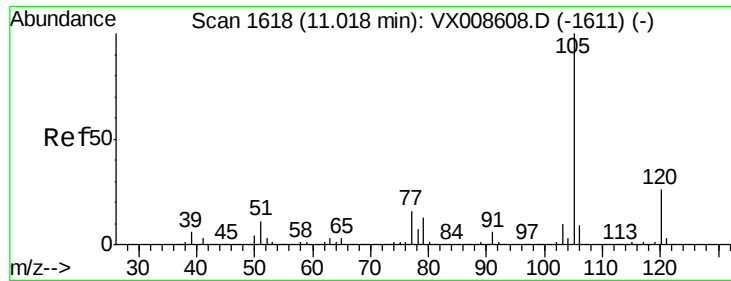


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





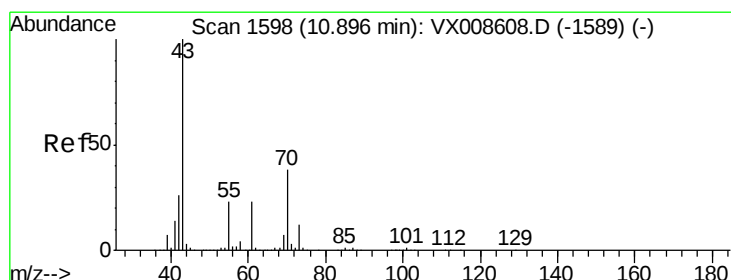
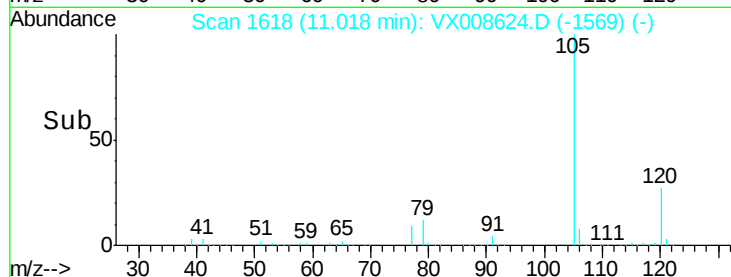
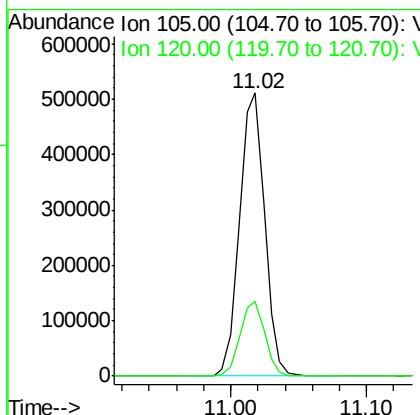
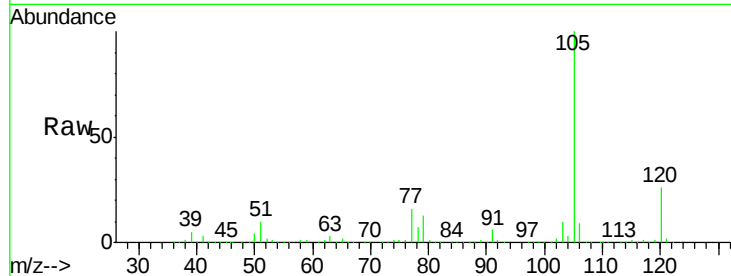
#73
Isopropylbenzene
Concen: 52.723 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.1	12.9	38.6

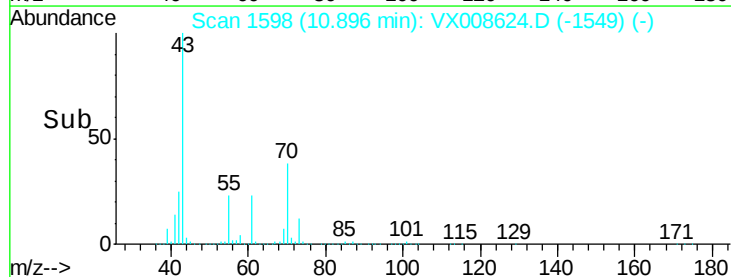
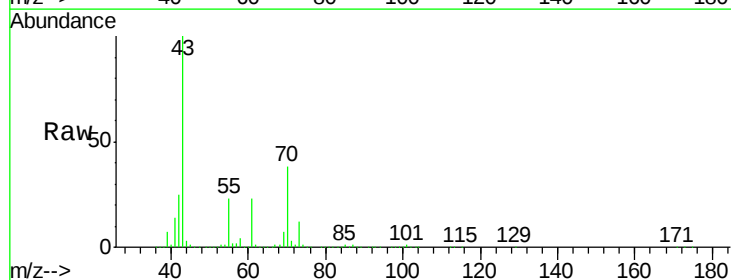
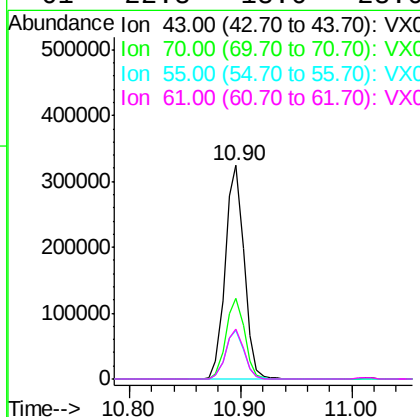
Manual Integrations
APPROVED

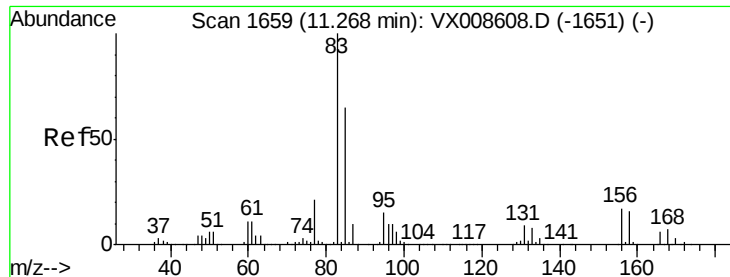
MMDadoda
4/5/2019 11:11:41 AM



#74
N-ethyl acetate
Concen: 52.005 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX008624.D
Acq: 04 Apr 2019 09:39

Tgt Ion	Ratio	Lower	Upper
43	100		
70	37.8	30.2	45.4
55	22.6	18.2	27.4
61	22.8	18.6	28.0





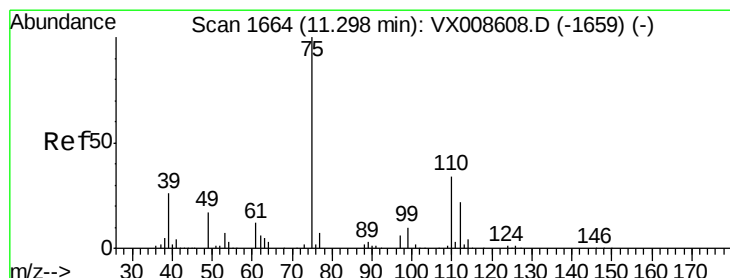
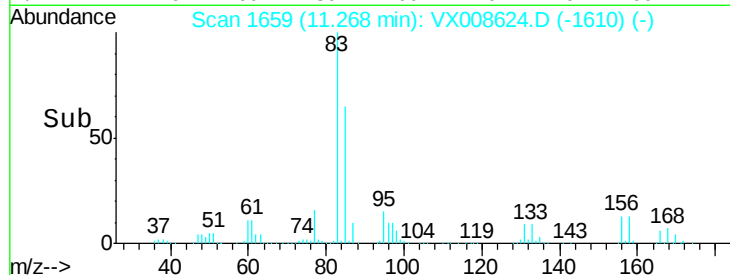
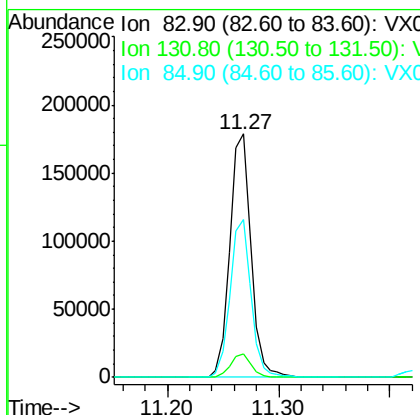
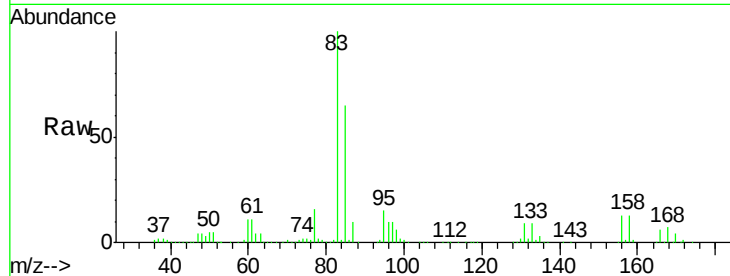
#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.569 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX008624.D
 Acq: 04 Apr 2019 09:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	83	Resp	234282
Ion Ratio	100	Lower	Upper
83	100		
131	9.2	4.5	13.7
85	64.4	32.0	96.2

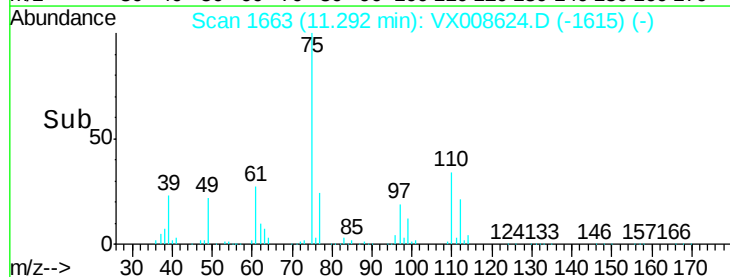
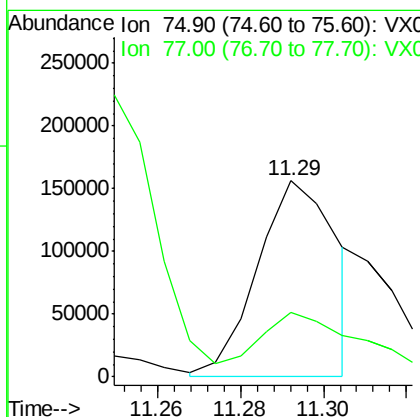
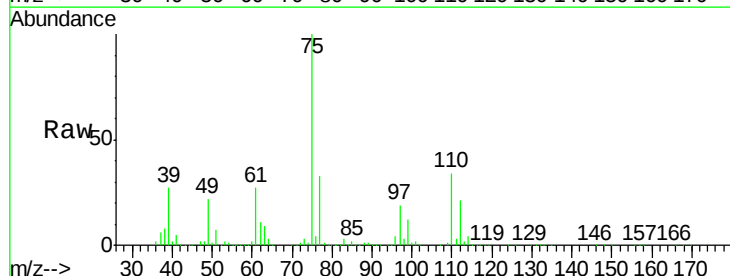
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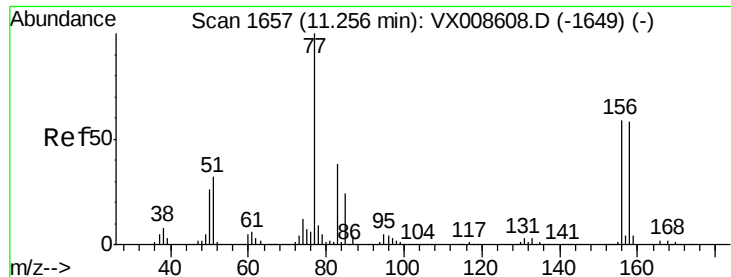
MMDadoda
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#76
 1,2,3-Trichloropropane
 Concen: 50.453 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.01 min
 Lab File: VX008624.D
 Acq: 04 Apr 2019 09:39

Tgt Ion	75	Resp	207840
Ion Ratio	100	Lower	Upper
75	100		
77	43.3	22.3	66.8





#77

Bromobenzene

Concen: 52.913 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Instrument :

MSVOA_X

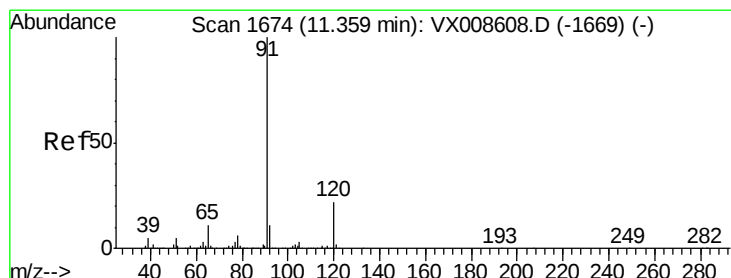
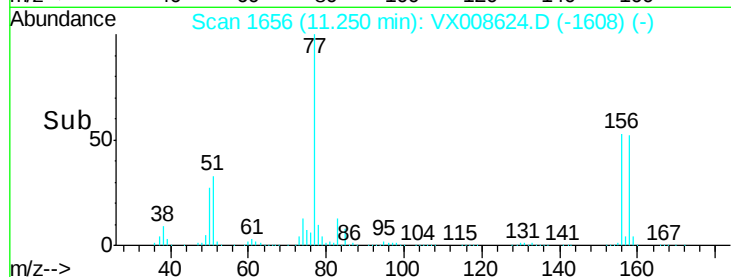
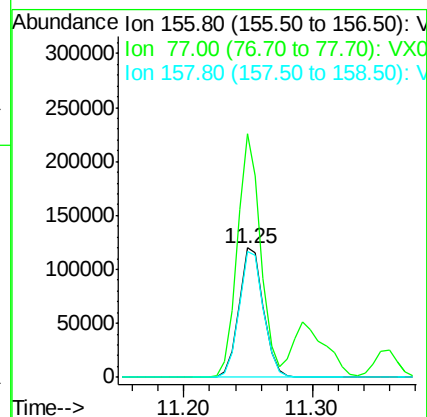
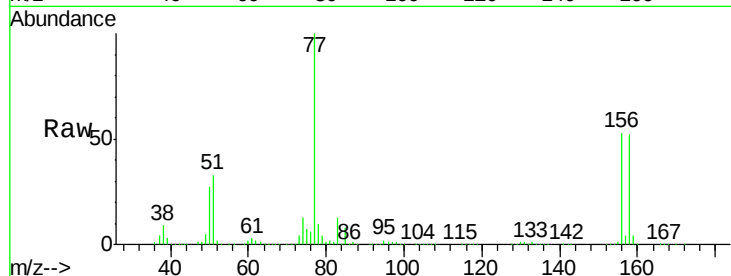
ClientSampled :

VSTDCCC050

Tot Ion:	156	Resp:	158081
Ion Ratio	Lower	Upper	
156	100		
77	180.2	89.8	269.6
158	97.5	48.6	145.9

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#78

n-propylbenzene

Concen: 54.409 ug/l

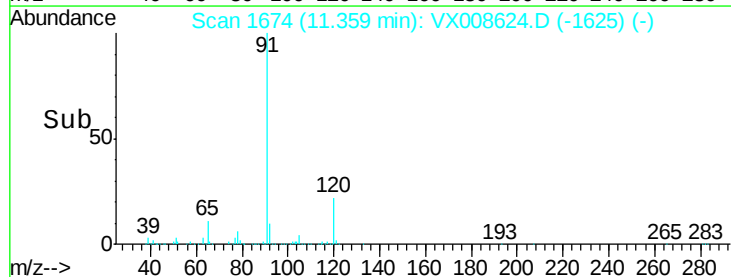
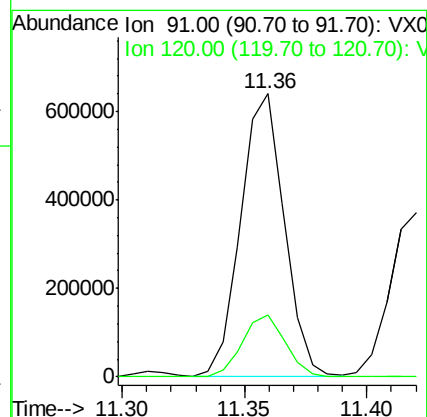
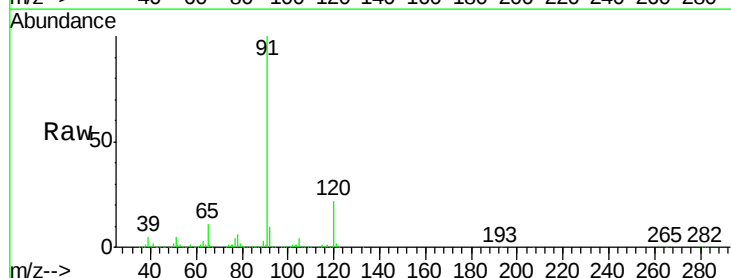
RT: 11.36 min Scan# 1674

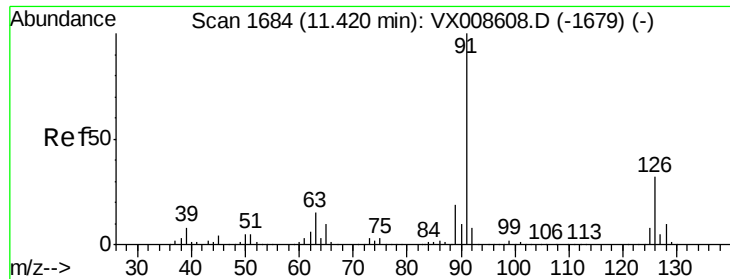
Delta R.T. -0.00 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Tgt Ion:	91	Resp:	787309
Ion Ratio	Lower	Upper	
91	100		
120	21.9	10.9	32.7





#79

2-Chlorotoluene

Concen: 52.757 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 461980

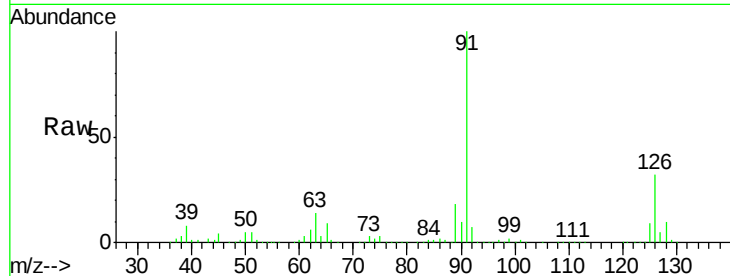
Ion Ratio Lower Upper

91 100

126 31.6 16.1 48.3

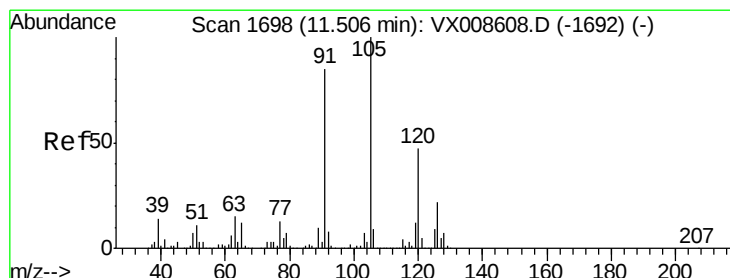
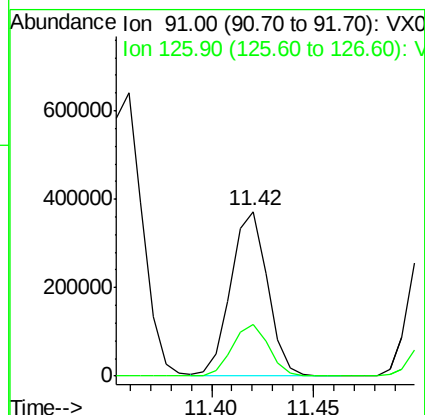
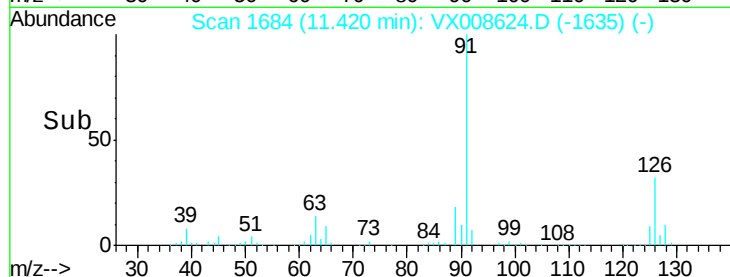
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Abundance Ion 91.00 (90.70 to 91.70): VX008608.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX008608.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 54.135 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008624.D

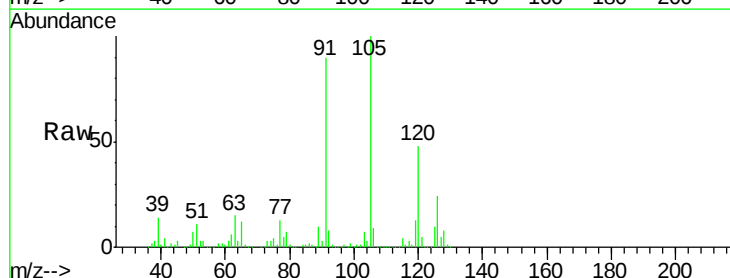
Acq: 04 Apr 2019 09:39

Tgt Ion: 105 Resp: 564731

Ion Ratio Lower Upper

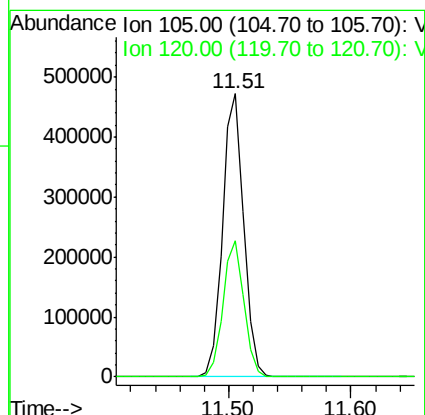
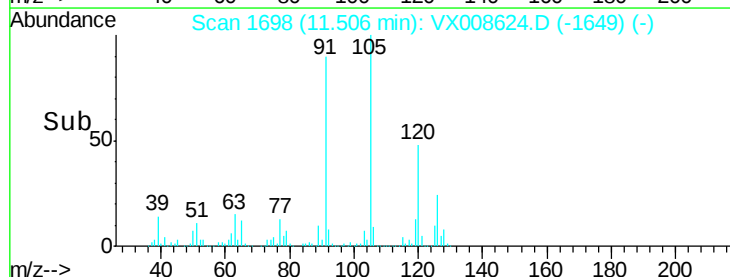
105 100

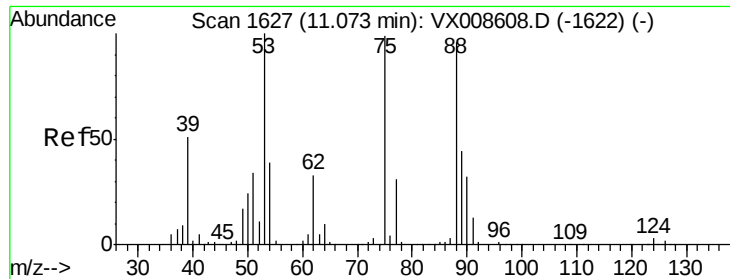
120 47.5 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): VX008608.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX008608.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 55.964 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 83635

Ion Ratio Lower Upper

75 100

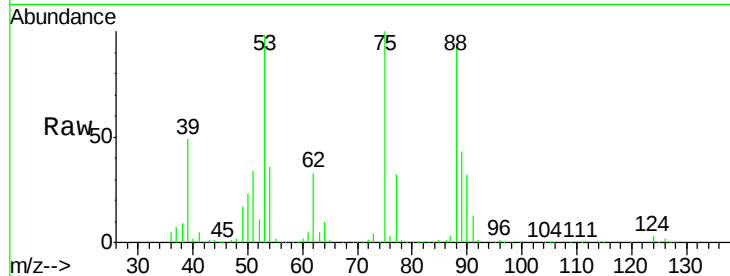
53 102.0 81.3 121.9

89 45.0 35.6 53.4

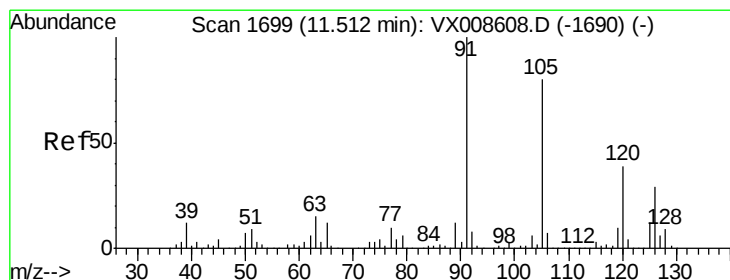
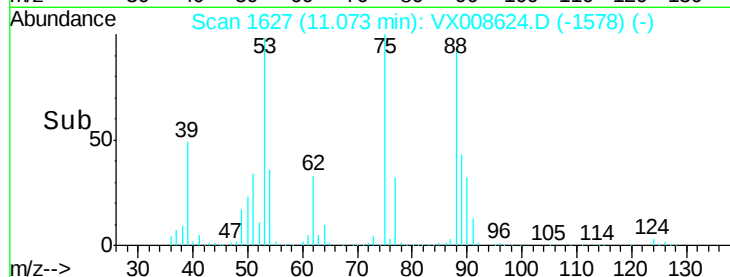
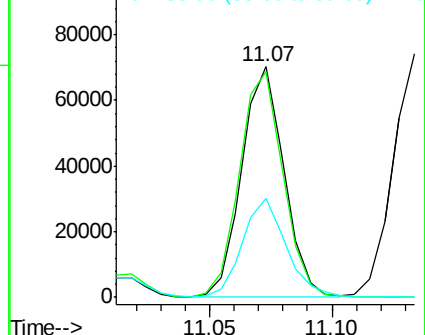
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Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 53.098 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX008624.D

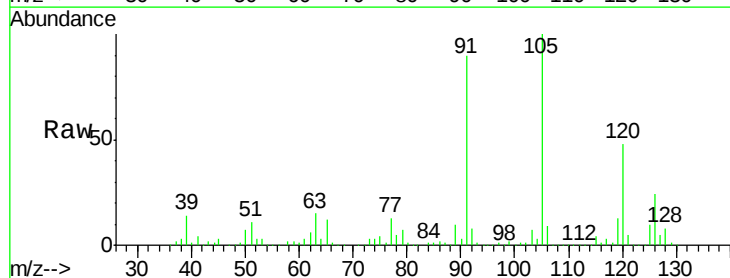
Acq: 04 Apr 2019 09:39

Tgt Ion: 91 Resp: 538216

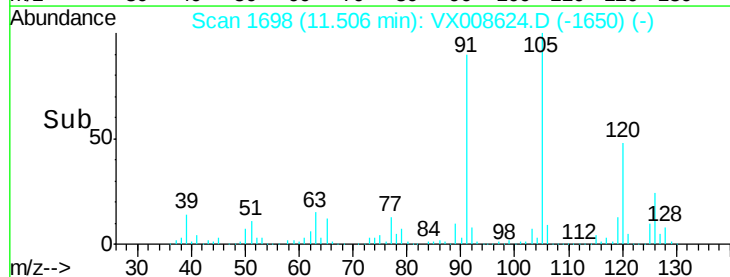
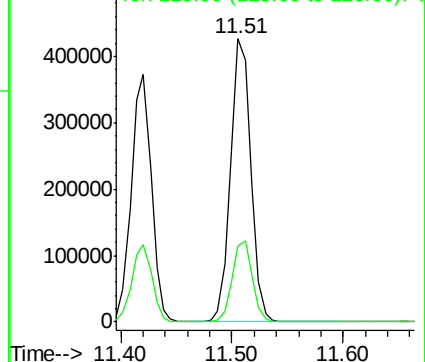
Ion Ratio Lower Upper

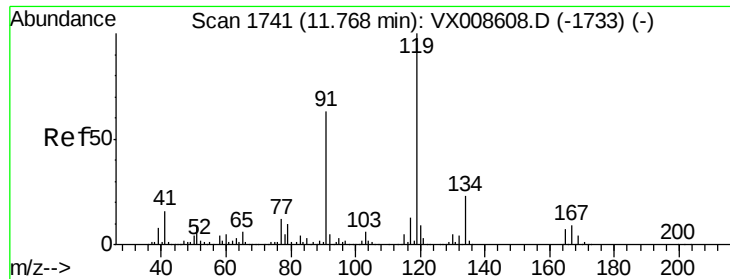
91 100

126 28.1 13.9 41.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





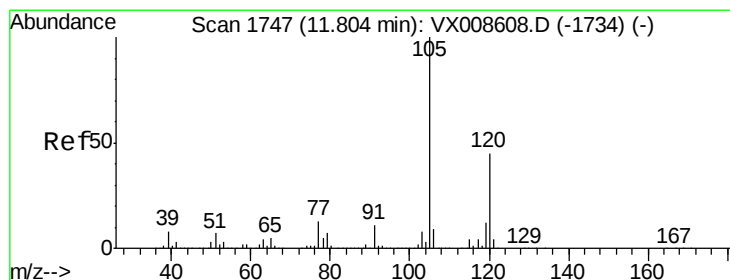
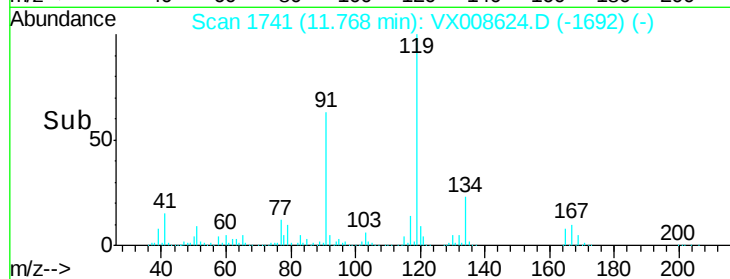
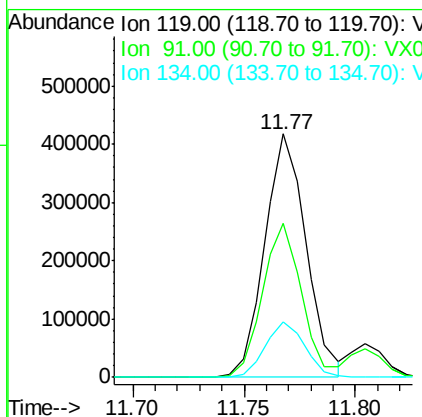
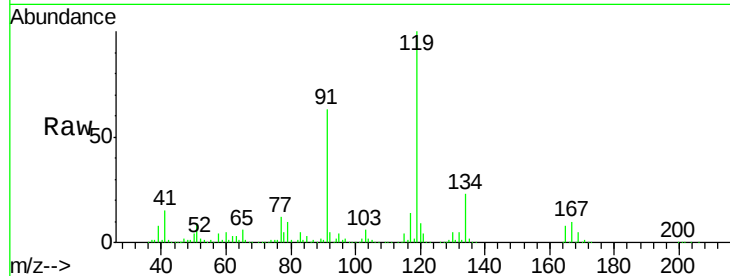
#83
 tert-Butylbenzene
 Concen: 53.631 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008624.D
 Acq: 04 Apr 2019 09:39

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.1	30.0	90.1
134	22.1	11.1	33.3

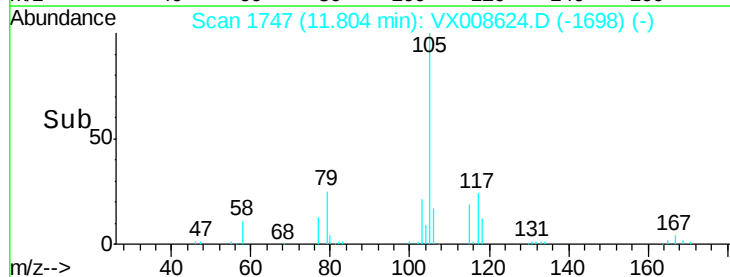
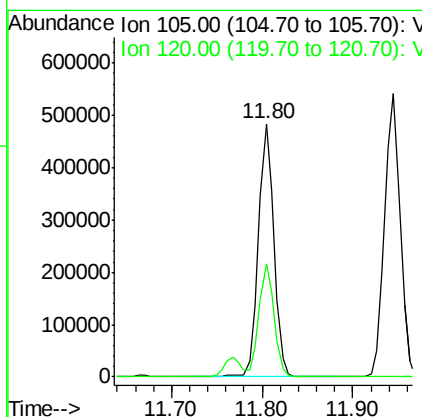
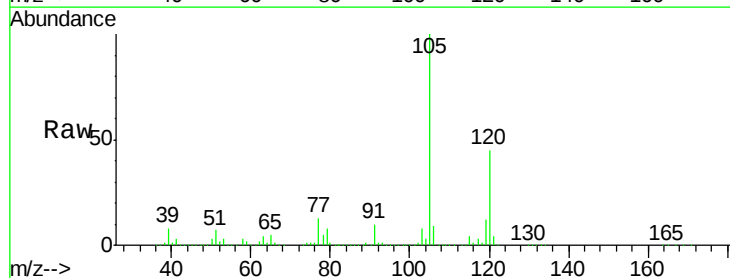
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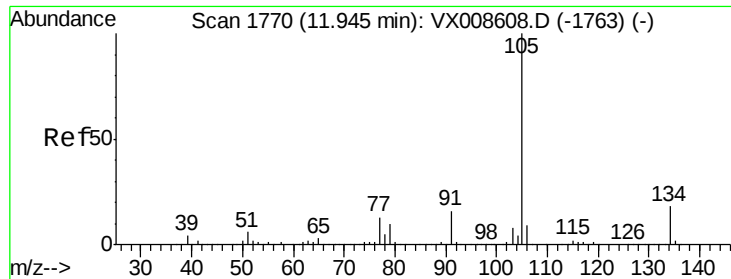
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.904 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008624.D
 Acq: 04 Apr 2019 09:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.1	21.8	65.3





#85

sec-Butylbenzene

Concen: 54.668 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 651707

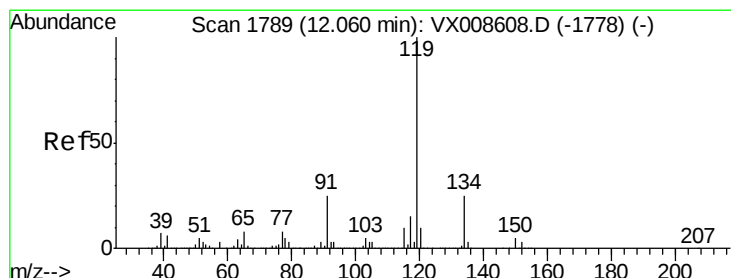
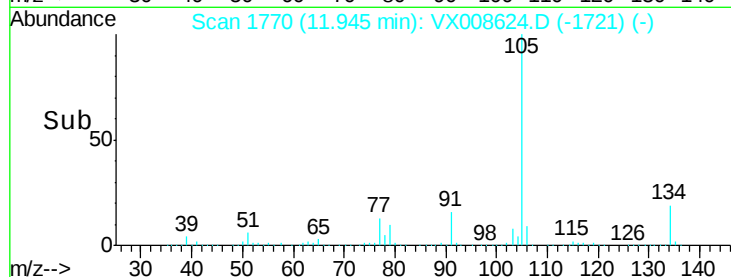
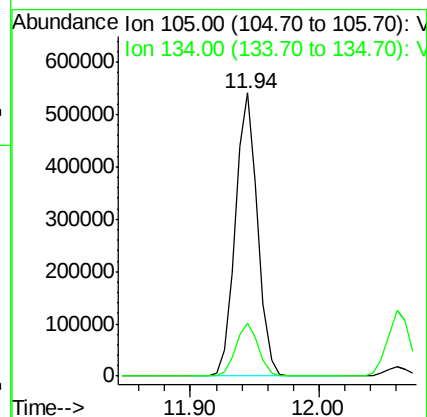
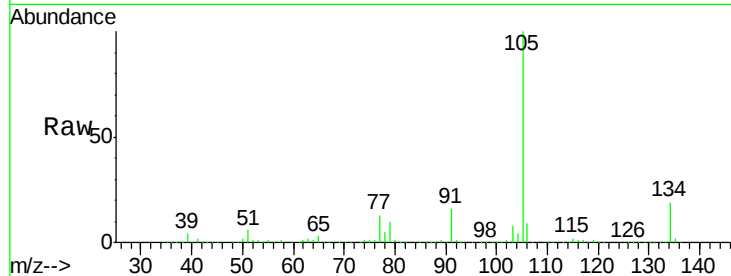
Ion Ratio Lower Upper

105 100

134 19.0 9.4 28.2

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#86

p-Isopropyltoluene

Concen: 55.337 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

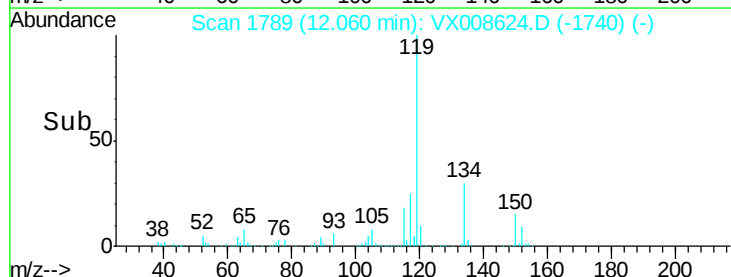
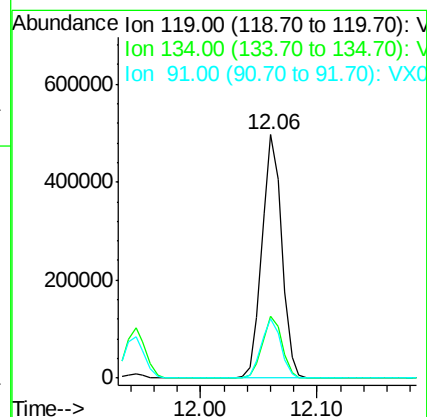
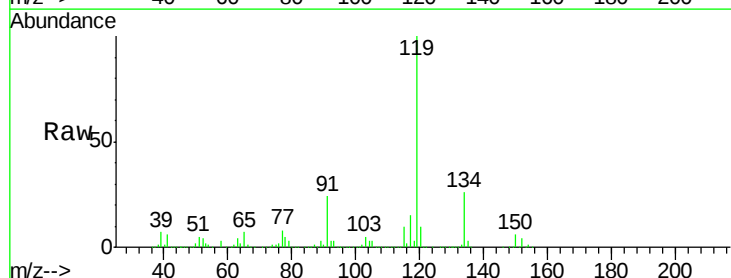
Tgt Ion:119 Resp: 592101

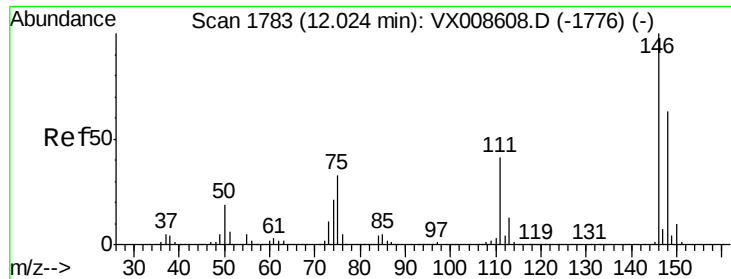
Ion Ratio Lower Upper

119 100

134 25.5 12.8 38.4

91 24.2 12.2 36.6





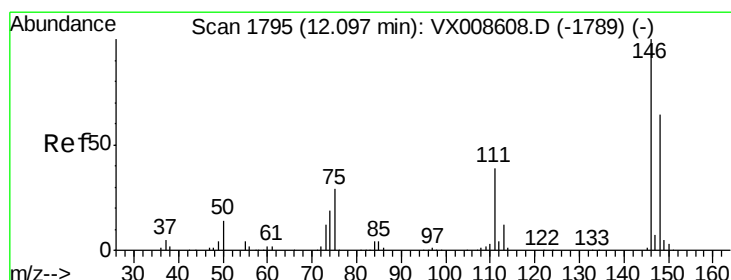
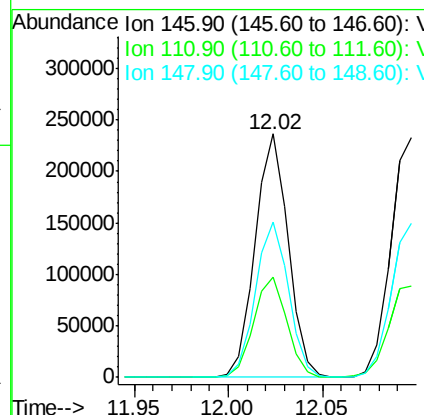
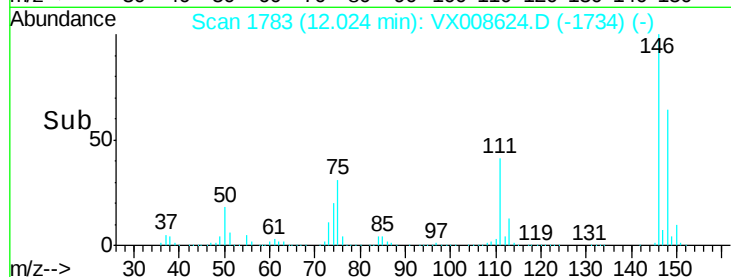
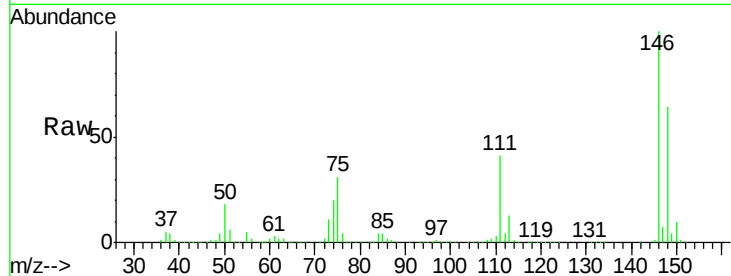
#87
 1,3-Dichlorobenzene
 Concen: 53.596 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008624.D
 Acq: 04 Apr 2019 09:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.5	61.5
148	64.0	31.6	94.7

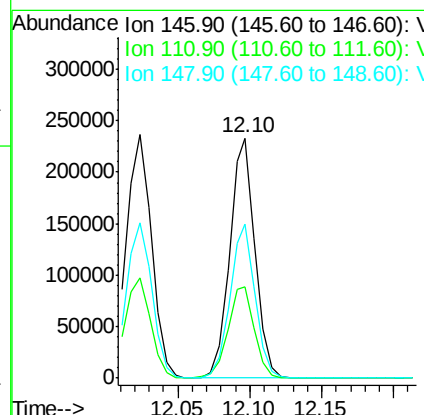
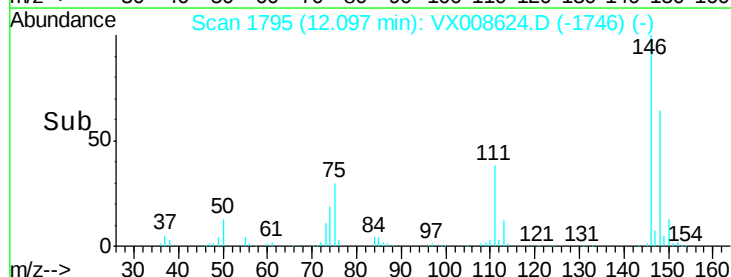
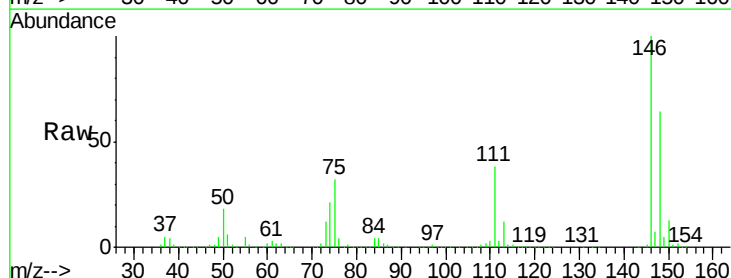
Manual Integrations
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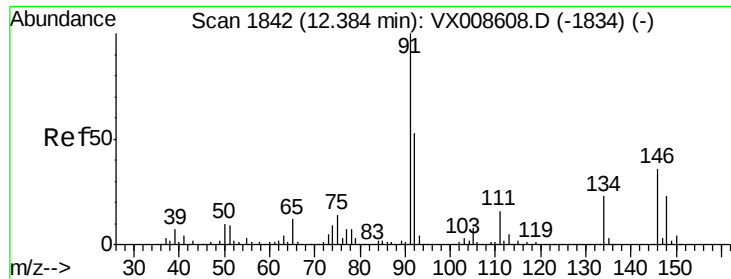
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#88
 1,4-Dichlorobenzene
 Concen: 52.729 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008624.D
 Acq: 04 Apr 2019 09:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.2	60.6
148	63.7	32.0	96.0





#89

n-Butylbenzene

Concen: 56.956 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Instrument :

MSVOA_X

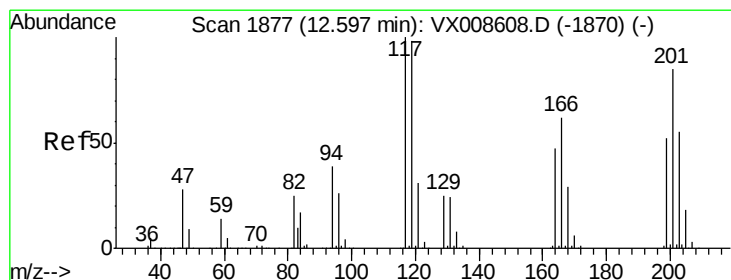
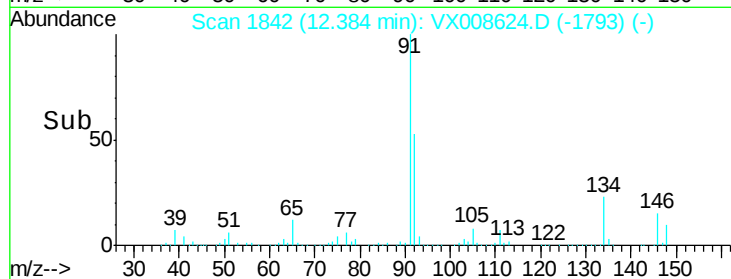
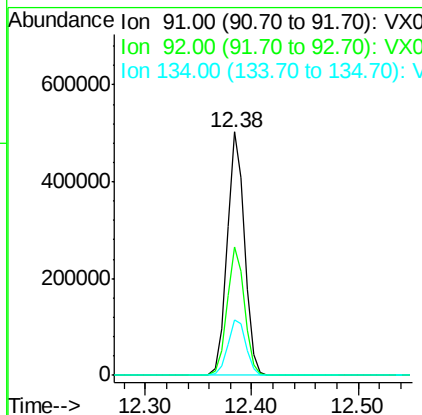
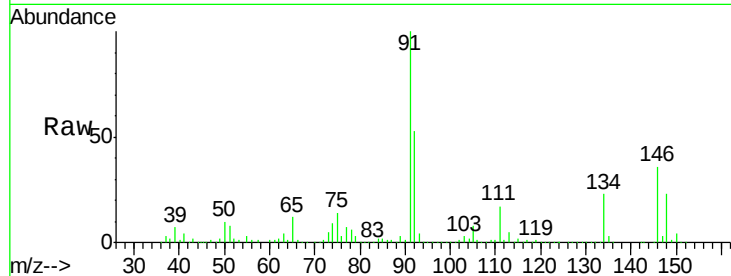
ClientSampleId :

VSTDCCC050

Tot Ion:	91	Resp:	571528
Ion Ratio	Lower	Upper	
91	100		
92	52.9	26.4	79.2
134	24.0	12.0	36.0

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#90

Hexachloroethane

Concen: 56.867 ug/l

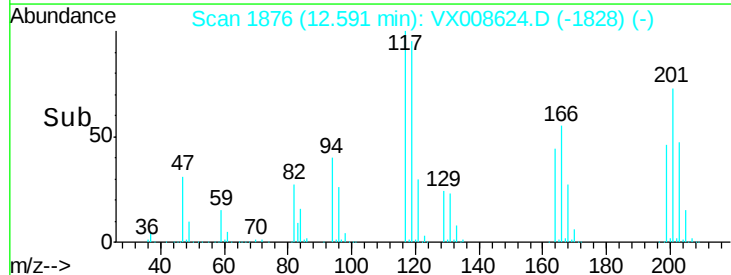
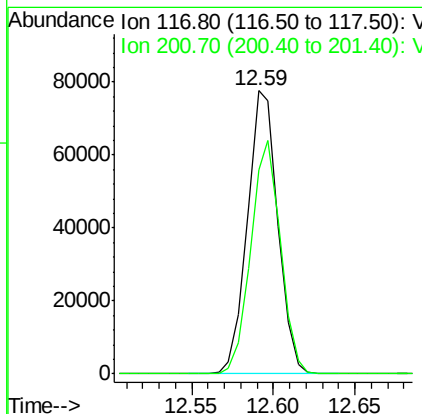
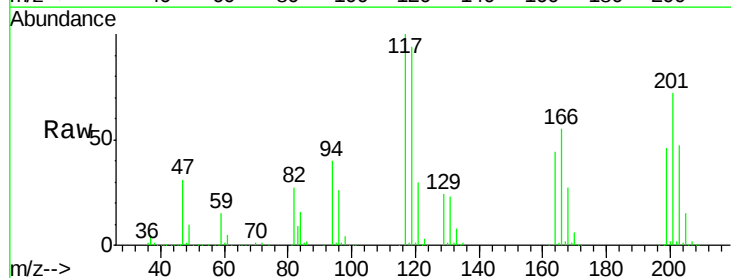
RT: 12.59 min Scan# 1876

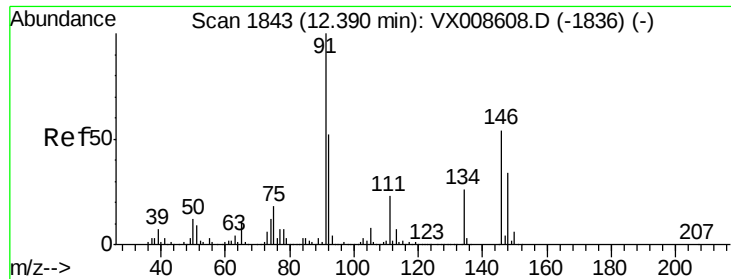
Delta R.T. -0.01 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Tgt Ion:	117	Resp:	100921
Ion Ratio	Lower	Upper	
117	100		
201	80.6	40.6	122.0





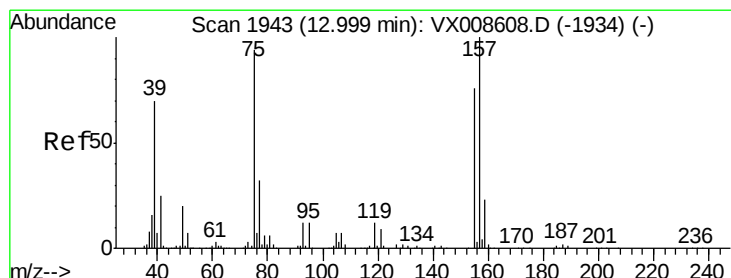
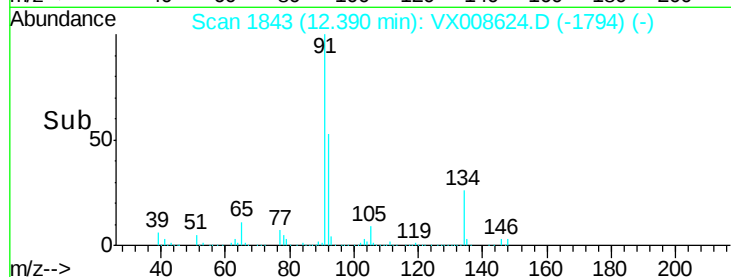
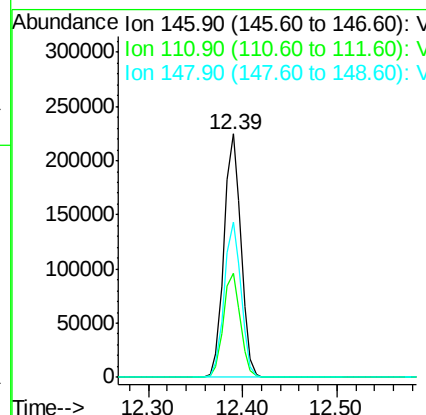
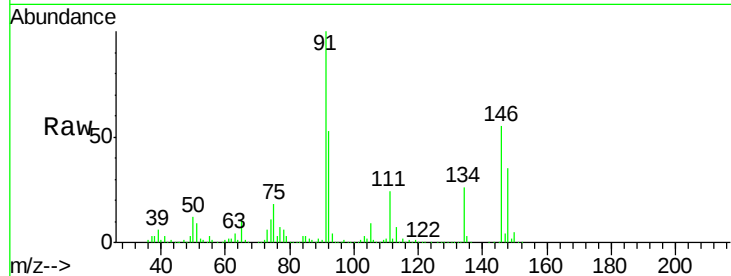
#91
 1,2-Dichlorobenzene
 Concen: 52.756 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008624.D
 Acq: 04 Apr 2019 09:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	280155		
111	43.0	21.3	63.9	
148	63.7	31.7	95.1	

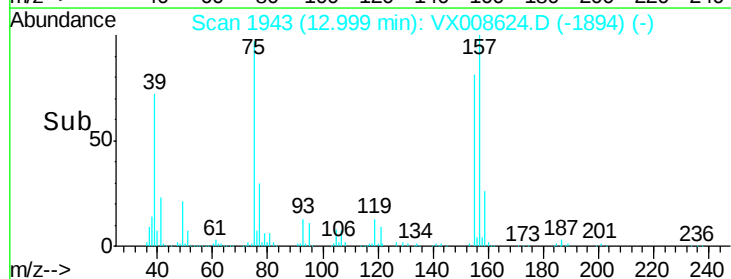
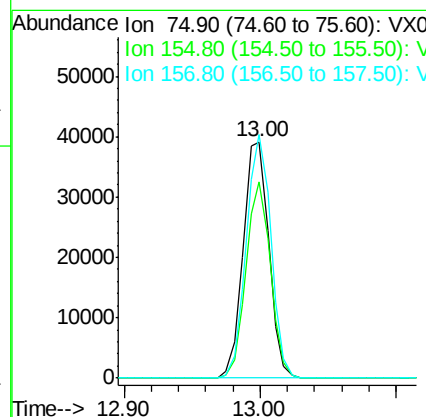
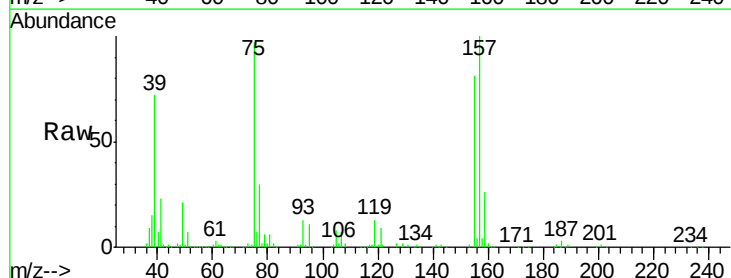
Manual Integrations
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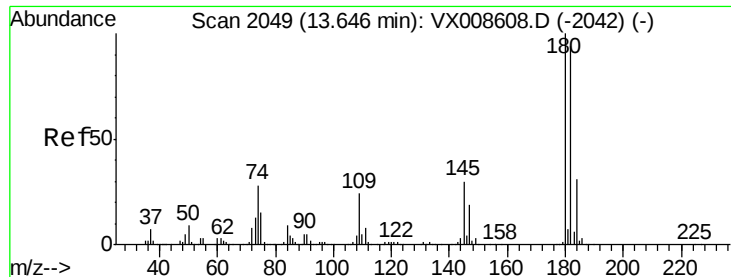
MMDadoda
 4/5/2019 11:11:41 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.536 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008624.D
 Acq: 04 Apr 2019 09:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	51504		
155	79.2	39.9	119.6	
157	99.3	51.5	154.7	





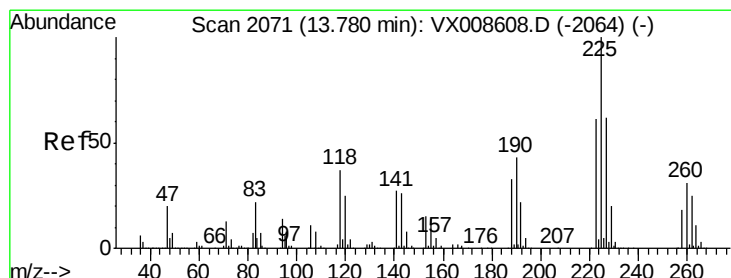
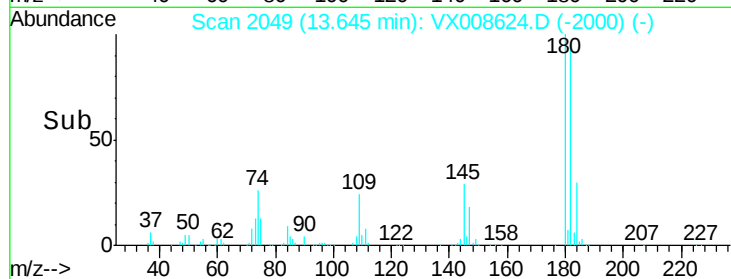
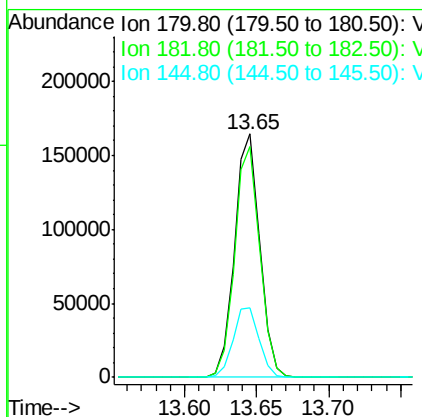
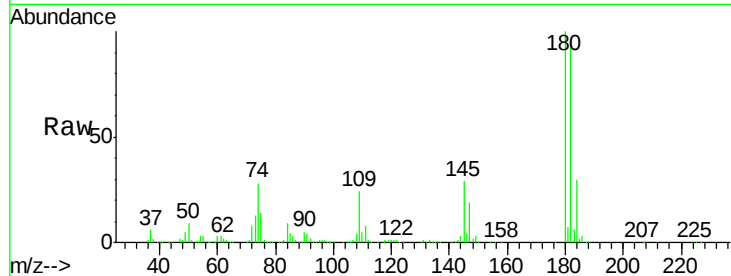
#93
 1,2,4-Trichlorobenzene
 Concen: 54.212 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008624.D
 Acq: 04 Apr 2019 09:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	180	Resp:	200163
Ion Ratio	Lower	Upper	
180	100		
182	95.0	47.2	141.6
145	30.0	15.3	45.9

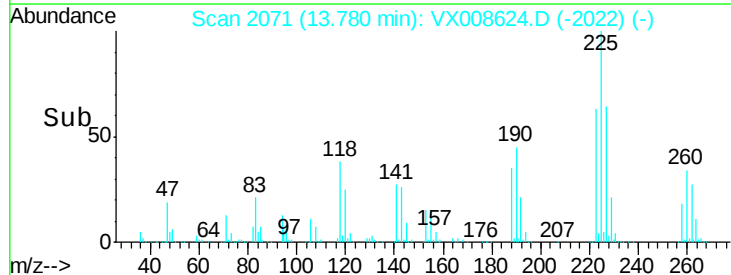
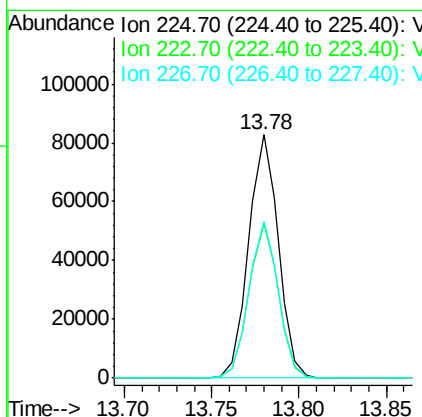
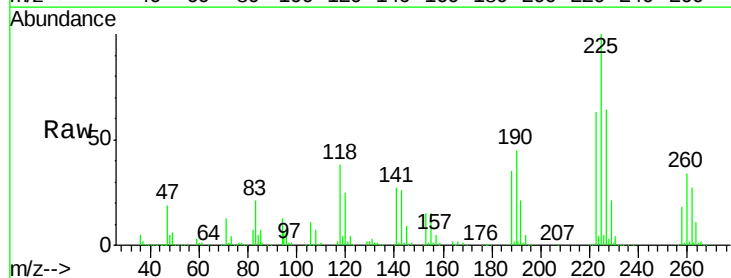
Manual Integrations
 APPROVED

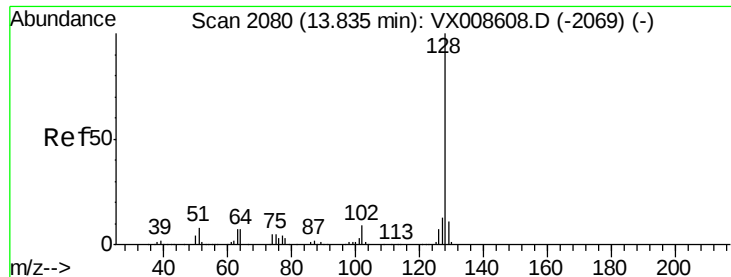
MMDadoda
 4/5/2019 11:11:41 AM



#94
 Hexachlorobutadiene
 Concen: 55.242 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008624.D
 Acq: 04 Apr 2019 09:39

Tgt Ion:	225	Resp:	97820
Ion Ratio	Lower	Upper	
225	100		
223	63.0	31.2	93.6
227	63.9	31.9	95.5





#95

Naphthalene

Concen: 52.126 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Instrument :

MSVOA_X

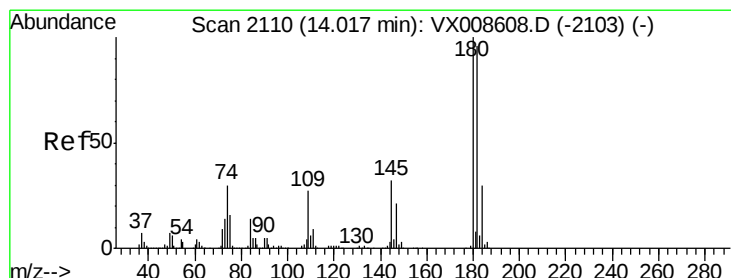
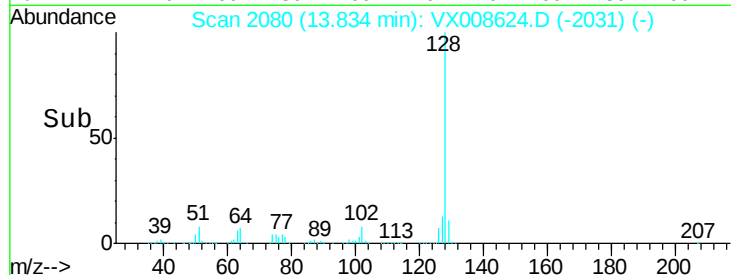
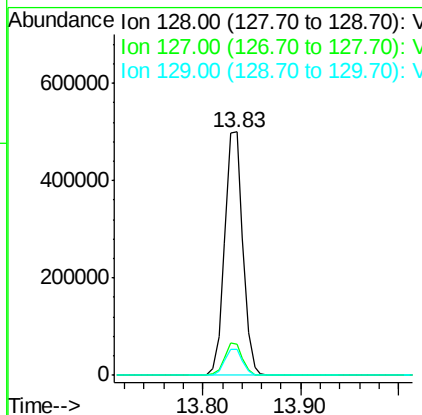
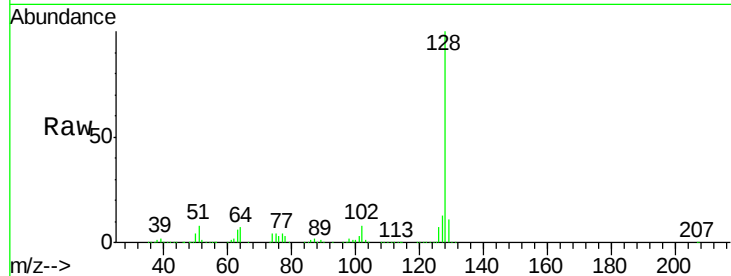
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	643252
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
4/5/2019 11:11:41 AM



#96

1,2,3-Trichlorobenzene

Concen: 52.892 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008624.D

Acq: 04 Apr 2019 09:39

Tgt Ion:	180	Resp:	195120
Ion Ratio	Lower	Upper	
180	100		
182	95.7	48.1	144.3
145	32.1	16.3	48.8

