

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072619\
 Data File : VX011108.D
 Acq On : 26 Jul 2019 22:49
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/29/2019 11:52:53 AM

Quant Time: Jul 27 04:10:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	202715	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	306625	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	288882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	152128	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	108855	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.96%		
35) Dibromofluoromethane	5.50	113	97800	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.50%		
50) Toluene-d8	8.71	98	357404	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.92%		
62) 4-Bromofluorobenzene	11.13	95	137244	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery =	102.30%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	93598	43.374	ug/l	98
3) Chloromethane	1.32	50	83109	44.583	ug/l	100
4) Vinyl Chloride	1.41	62	88571	46.581	ug/l	99
5) Bromomethane	1.64	94	48886	45.624	ug/l	97
6) Chloroethane	1.71	64	58024	48.019	ug/l	98
7) Trichlorofluoromethane	1.92	101	155109	48.190	ug/l	100
8) Diethyl Ether	2.19	74	52887	47.690	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	84446	45.950	ug/l	98
10) Methyl Iodide	2.51	142	108195	44.863	ug/l	100
11) Tert butyl alcohol	3.06	59	116673	232.302	ug/l	99
12) 1,1-Dichloroethene	2.37	96	83395	46.186	ug/l	95
13) Acrolein	2.29	56	60445	208.301	ug/l	100
14) Allyl chloride	2.73	41	123486	47.082	ug/l	99
15) Acrylonitrile	3.14	53	251005	247.323	ug/l	99
16) Acetone	2.45	43	212075	217.733	ug/l	95
17) Carbon Disulfide	2.57	76	187362	40.452	ug/l	99
18) Methyl Acetate	2.78	43	120042	54.125	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	286305	49.255	ug/l	97
20) Methylene Chloride	2.85	84	96564	46.782	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	88986	46.447	ug/l	95
22) Diisopropyl ether	3.85	45	274762	49.672	ug/l	99
23) Vinyl Acetate	3.81	43	1157600	246.989	ug/l	99
24) 1,1-Dichloroethane	3.70	63	155768	48.489	ug/l	99
25) 2-Butanone	4.67	43	342618	245.044	ug/l	99
26) 2,2-Dichloropropane	4.59	77	104653	39.676	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	106022	47.816	ug/l	97
28) Bromochloromethane	5.01	49	72891	48.150	ug/l	100
29) Tetrahydrofuran	5.13	42	222038	250.701	ug/l	99
30) Chloroform	5.21	83	169858	48.918	ug/l	97
31) Cyclohexane	5.58	56	132473	45.241	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	147732	49.177	ug/l	98
36) 1,1-Dichloropropene	5.80	75	116785	46.368	ug/l	99
37) Ethyl Acetate	4.84	43	129433	50.187	ug/l	100
38) Carbon Tetrachloride	5.78	117	129761	49.442	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	140418	42.991	ug/l	98
40) Benzene	6.14	78	364425	47.235	ug/l	99
41) Methacrylonitrile	5.04	41	71250	48.666	ug/l	98
42) 1,2-Dichloroethane	6.19	62	132594	49.429	ug/l	99
43) Isopropyl Acetate	6.45	43	211477	49.869	ug/l	99
44) Trichloroethene	7.21	130	104976	45.967	ug/l	95
45) 1,2-Dichloropropane	7.51	63	93556	47.644	ug/l	97
46) Dibromomethane	7.66	93	69232	49.340	ug/l	98
47) Bromodichloromethane	7.90	83	126460	50.630	ug/l	98
48) Methyl methacrylate	7.77	41	104531	50.599	ug/l	97
49) 1,4-Dioxane	7.74	88	55118	953.818	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	707963	257.537	ug/l	100
52) Toluene	8.78	92	240709	47.493	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	134490	50.076	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	145805	48.789	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	102365	49.052	ug/l	99
56) Ethyl methacrylate	9.18	69	157113	51.469	ug/l	98
57) 1,3-Dichloropropane	9.37	76	162688	49.143	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	379696	260.570	ug/l	100
59) 2-Hexanone	9.49	43	542328	254.357	ug/l	100
60) Dibromochloromethane	9.58	129	112390	46.958	ug/l	100
61) 1,2-Dibromoethane	9.67	107	110892	50.071	ug/l	100
64) Tetrachloroethene	9.34	164	101649	44.728	ug/l	97
65) Chlorobenzene	10.13	112	278725	46.976	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	102446	49.127	ug/l	98
67) Ethyl Benzene	10.25	91	476861	47.217	ug/l	99
68) m/p-Xylenes	10.36	106	362876	93.669	ug/l	99
69) o-Xylene	10.69	106	179265	47.414	ug/l	99
70) Styrene	10.71	104	311524	49.427	ug/l	100
71) Bromoform	10.85	173	86994	46.031	ug/l	98
73) Isopropylbenzene	11.02	105	488428	47.516	ug/l	100
74) N-amyl acetate	10.90	43	192582	49.033	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	163334	48.554	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	138813m	50.565	ug/l	
77) Bromobenzene	11.25	156	132064	46.577	ug/l	98
78) n-propylbenzene	11.36	91	542306	47.748	ug/l	99
79) 2-Chlorotoluene	11.42	91	322158	47.218	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	414204	48.223	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	45772	42.860	ug/l	98
82) 4-Chlorotoluene	11.51	91	378424	47.654	ug/l	100
83) tert-Butylbenzene	11.77	119	409192	48.500	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	416404	48.099	ug/l	99
85) sec-Butylbenzene	11.94	105	478239	48.376	ug/l	100
86) p-Isopropyltoluene	12.06	119	445965	48.796	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	233860	47.527	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	231693	45.911	ug/l	98
89) n-Butylbenzene	12.38	91	376386	48.137	ug/l	100
90) Hexachloroethane	12.59	117	72417	50.236	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	233833	47.950	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35640	50.685	ug/l	98

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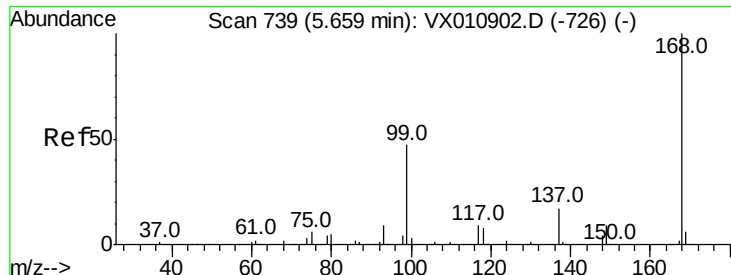
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	157398	47.625	ug/l	97
94) Hexachlorobutadiene	13.78	225	74759	45.647	ug/l	99
95) Naphthalene	13.83	128	509577	52.214	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	163026	49.576	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: VX011108.D

Acq: 26 Jul 2019 22:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 202715

Ion Ratio Lower Upper

168 100

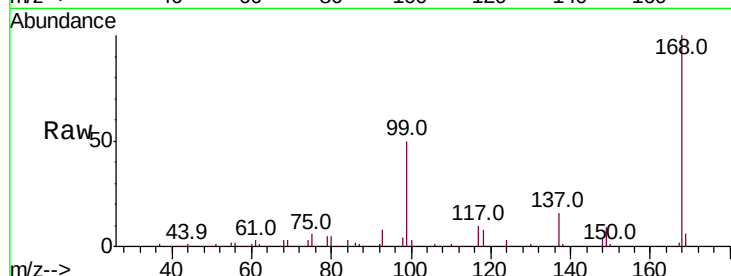
99 49.8 37.6 56.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

80000

60000

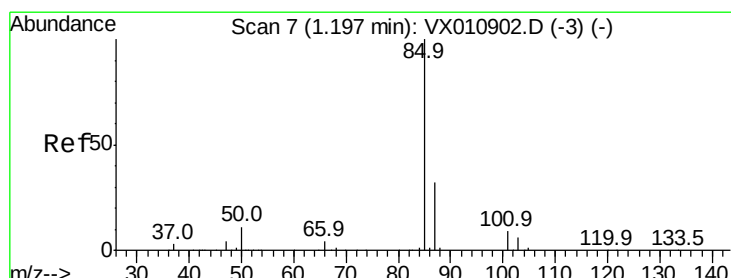
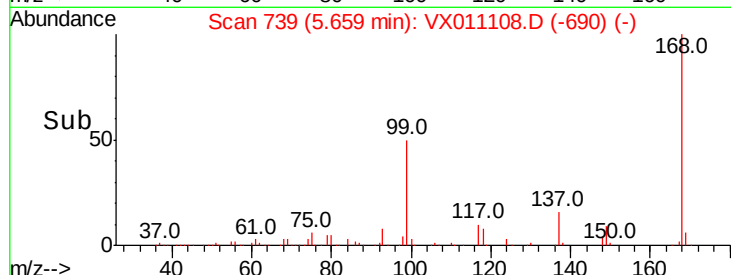
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 43.374 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011108.D

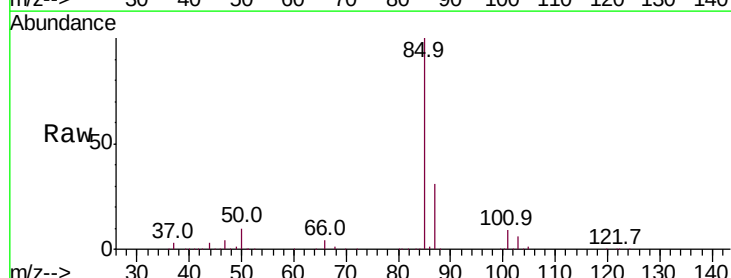
Acq: 26 Jul 2019 22:49

Tgt Ion: 85 Resp: 93598

Ion Ratio Lower Upper

85 100

87 30.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

100000

80000

60000

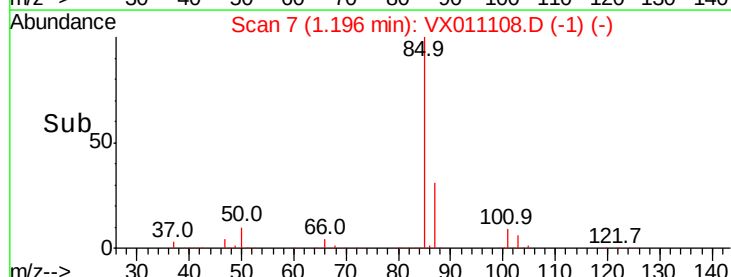
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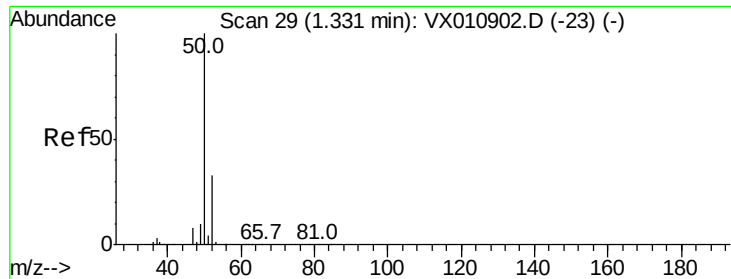
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 44.583 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX011108.D

Acq: 26 Jul 2019 22:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 83109

Ion Ratio Lower Upper

50 100

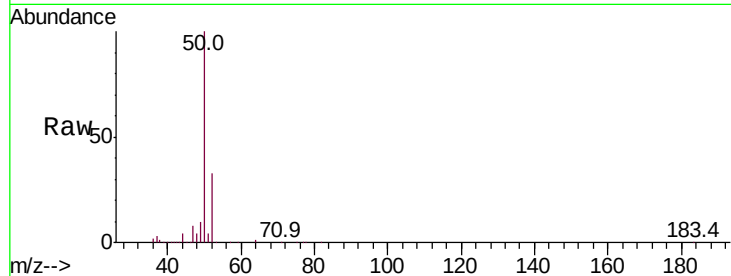
52 33.0 26.4 39.6

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

80000

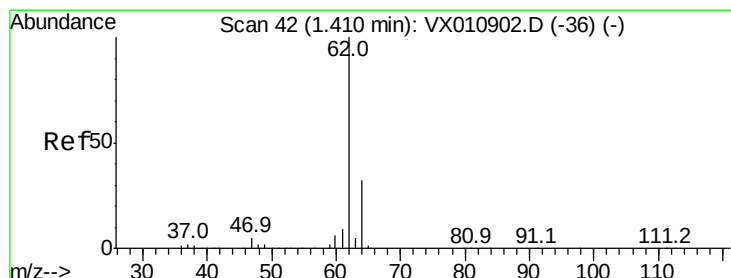
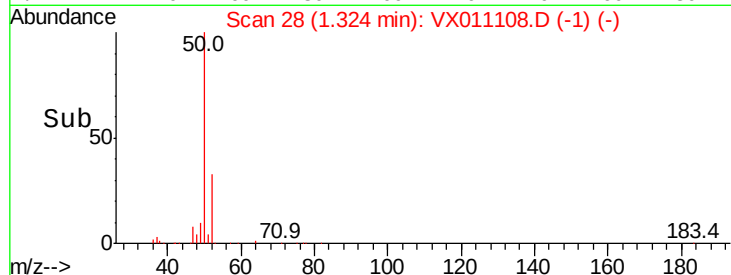
60000

40000

20000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 46.581 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011108.D

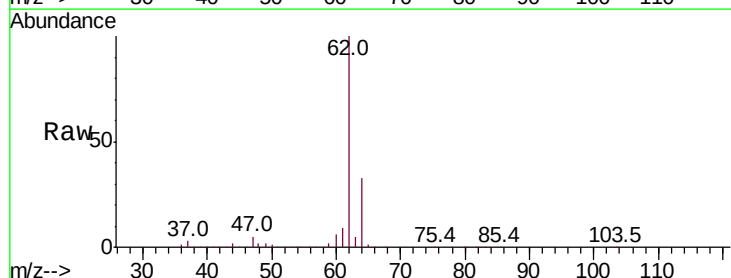
Acq: 26 Jul 2019 22:49

Tgt Ion: 62 Resp: 88571

Ion Ratio Lower Upper

62 100

64 32.8 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

100000

80000

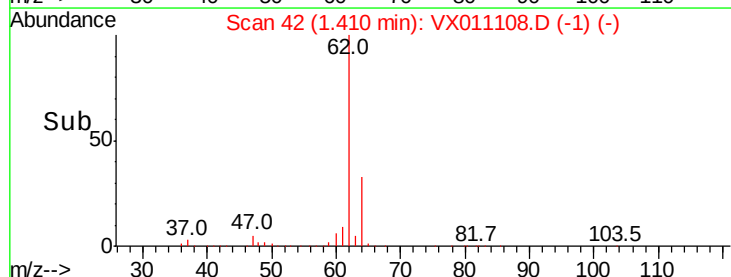
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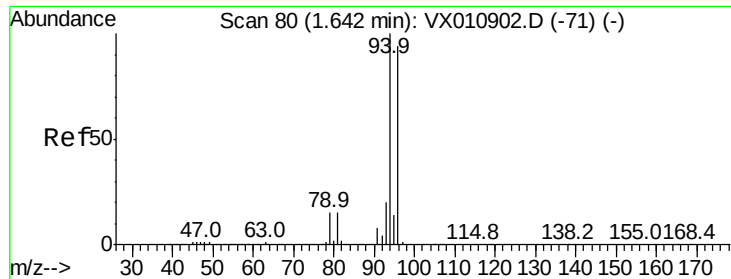
40000

20000

0

Time--> 1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 45.624 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX011108.D

Acq: 26 Jul 2019 22:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 48886

Ion Ratio Lower Upper

94 100

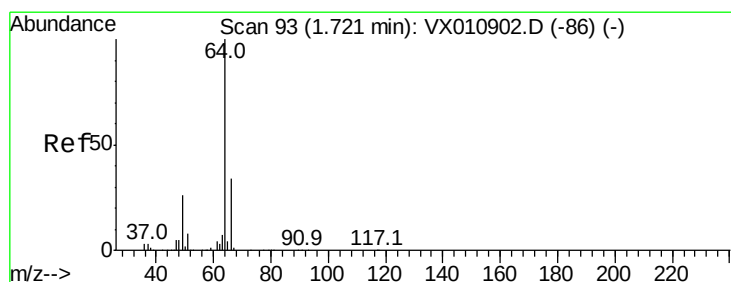
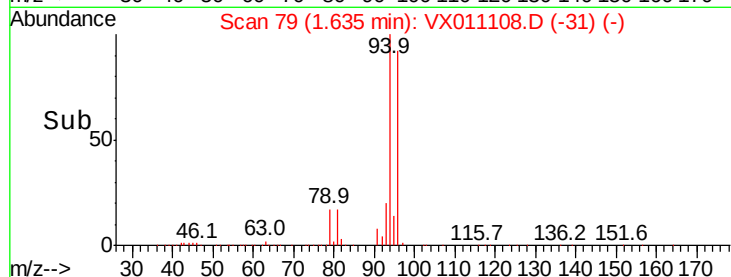
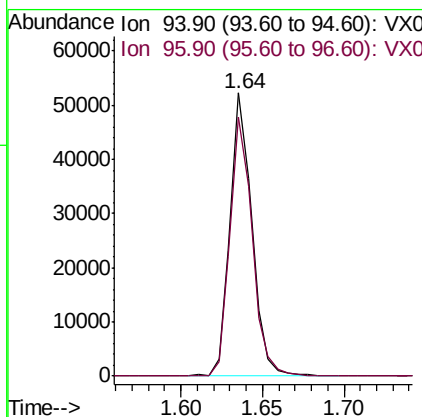
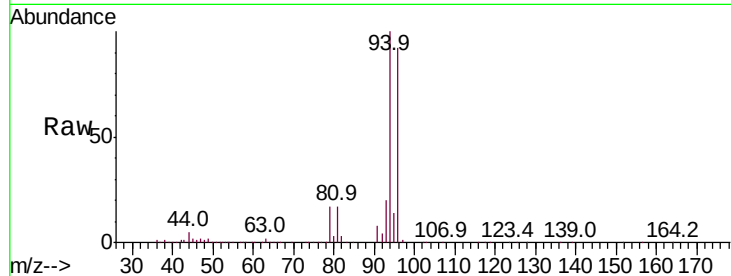
96 91.6 75.6 113.4

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#6

Chloroethane

Concen: 48.019 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX011108.D

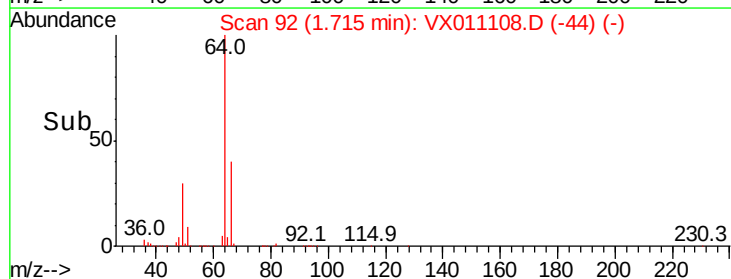
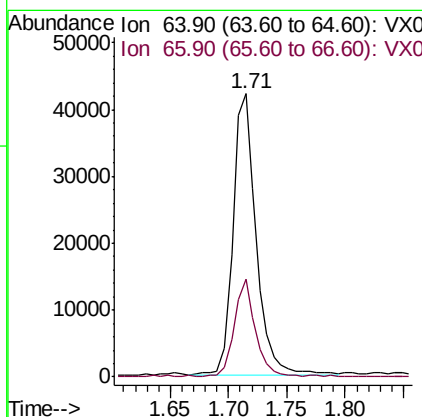
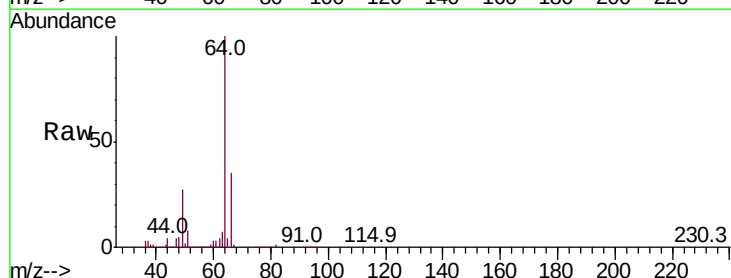
Acq: 26 Jul 2019 22:49

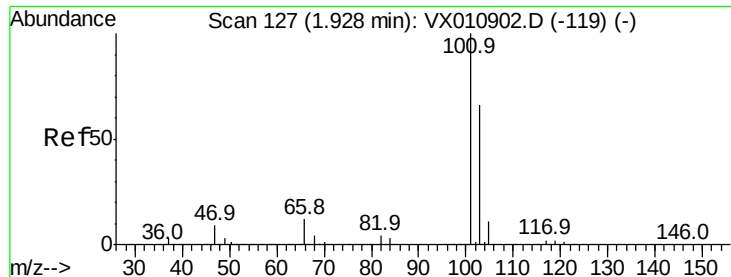
Tgt Ion: 64 Resp: 58024

Ion Ratio Lower Upper

64 100

66 34.7 27.0 40.6





#7

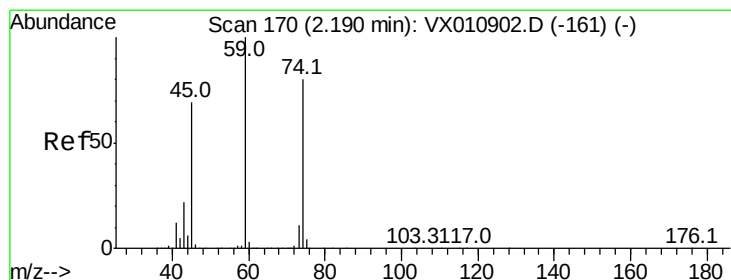
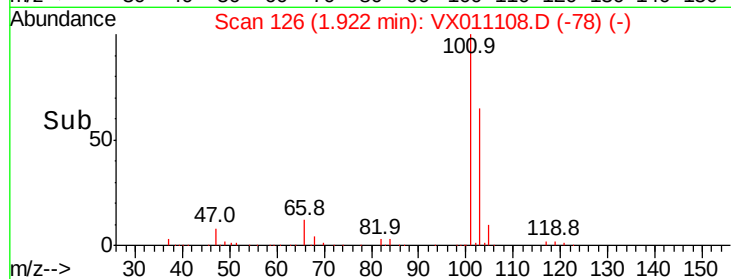
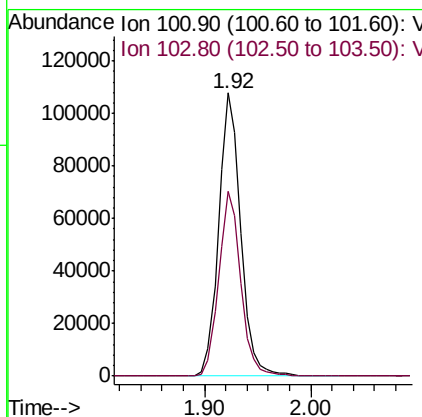
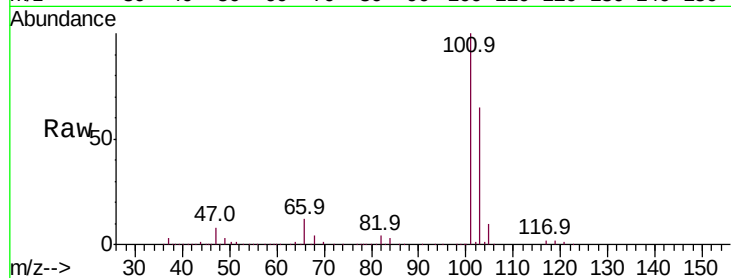
Trichlorofluoromethane
Concen: 48.190 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX011108.D
Acq: 26 Jul 2019 22:49

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	52.6	78.8

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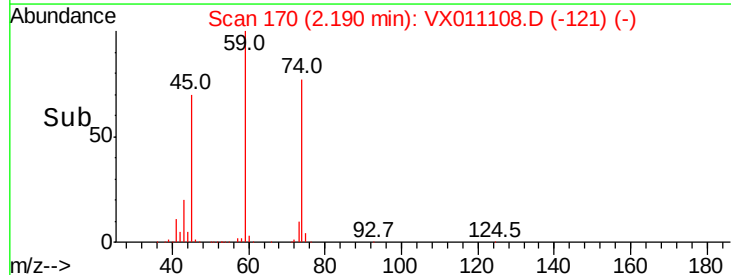
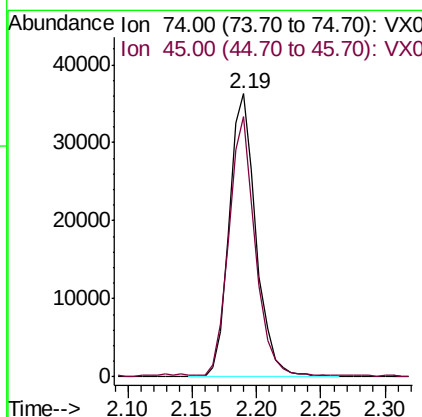
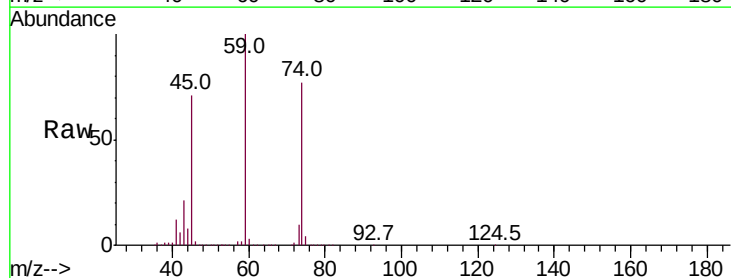
MMDadoda
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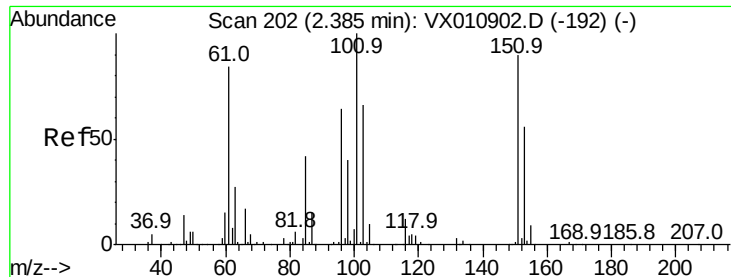


#8

Diethyl Ether
Concen: 47.690 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX011108.D
Acq: 26 Jul 2019 22:49

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.6	45.5	136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.950 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX011108.D

Acq: 26 Jul 2019 22:49

Instrument :

MSVOA_X

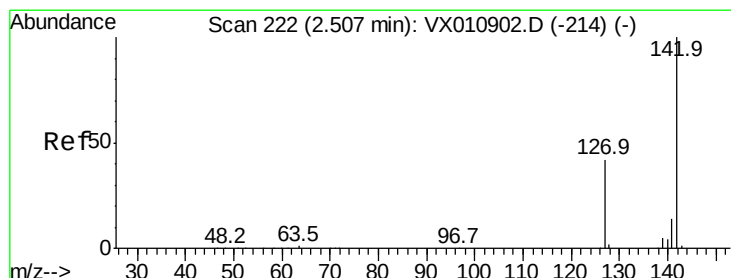
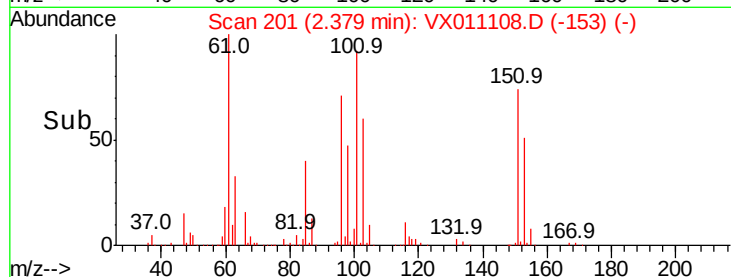
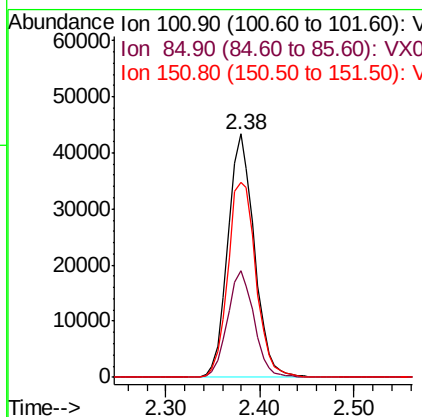
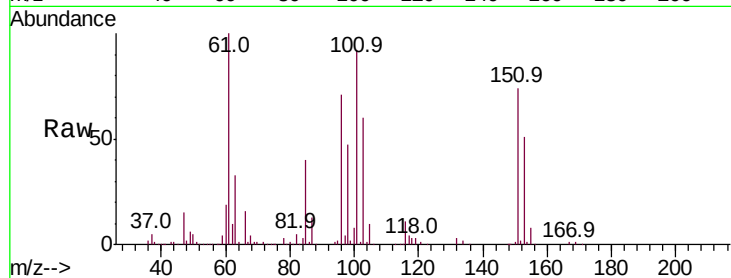
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	84446
Ion Ratio	Lower	Upper	
101	100		
85	43.9	34.6	52.0
151	85.3	69.6	104.4

Manual Integrations
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#10

Methyl Iodide

Concen: 44.863 ug/l

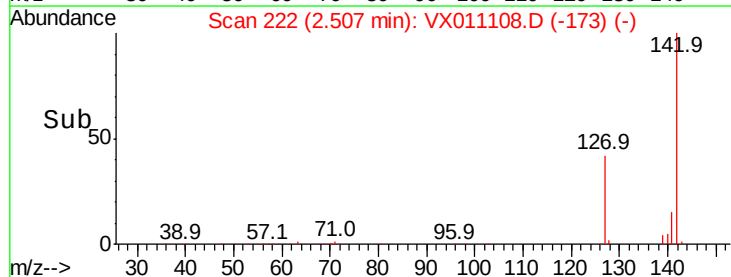
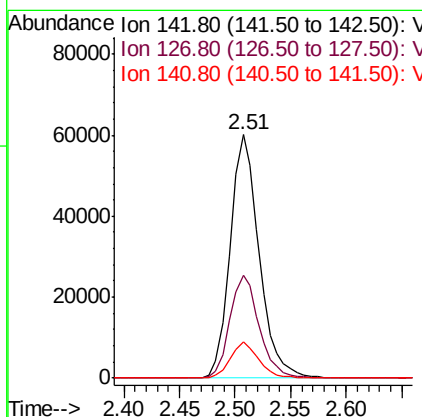
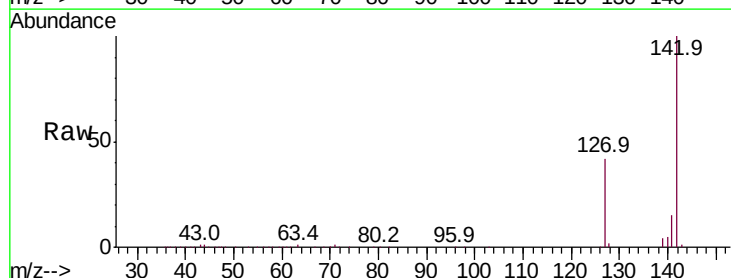
RT: 2.51 min Scan# 222

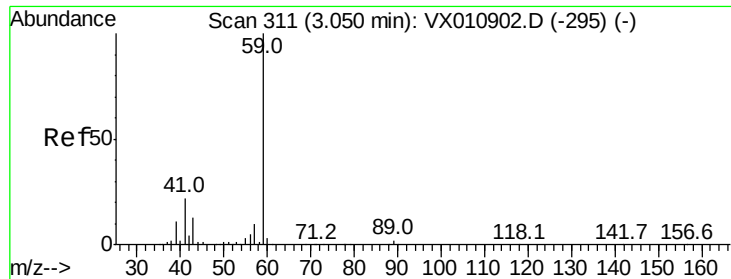
Delta R.T. -0.00 min

Lab File: VX011108.D

Acq: 26 Jul 2019 22:49

Tgt Ion:	142	Resp:	108195
Ion Ratio	Lower	Upper	
142	100		
127	42.9	34.2	51.4
141	14.6	11.7	17.5





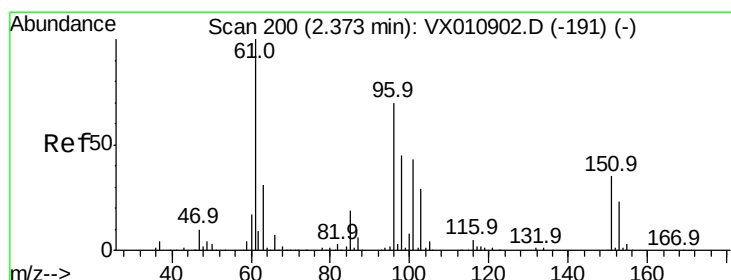
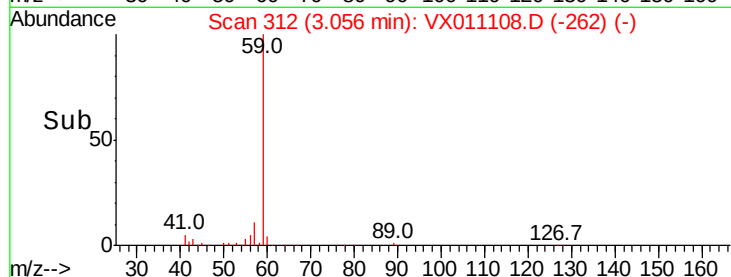
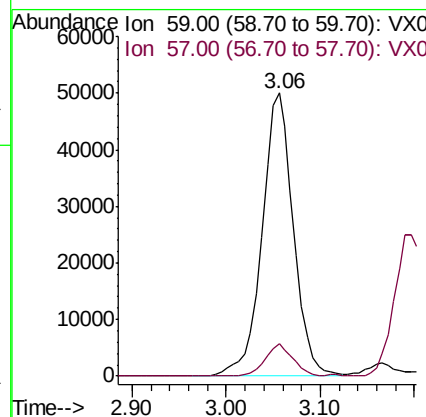
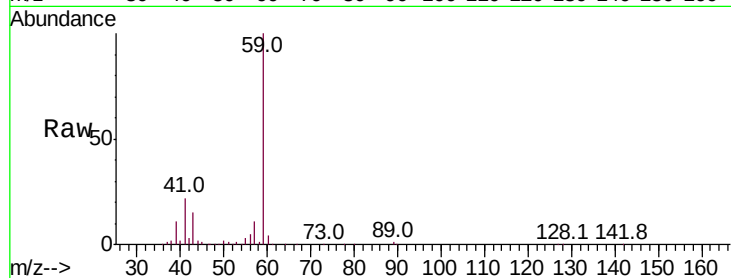
#11
Tert butyl alcohol
Concen: 232.302 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX011108.D
Acq: 26 Jul 2019 22:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 116673
Ion Ratio Lower Upper
59 100
57 10.1 7.9 11.9

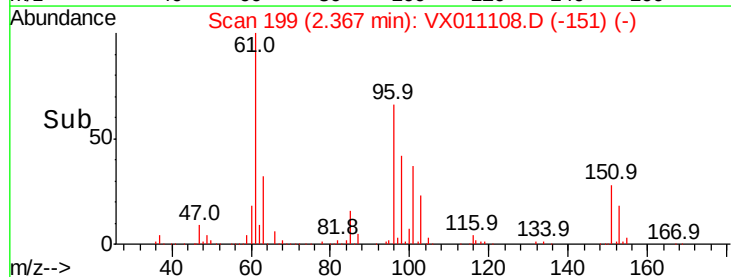
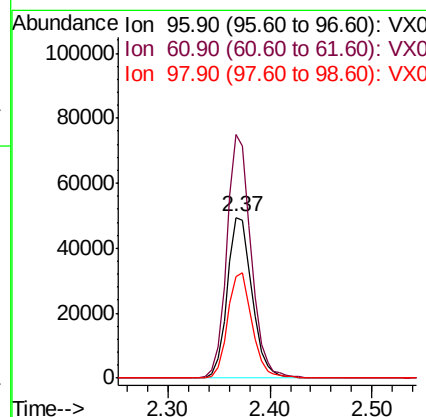
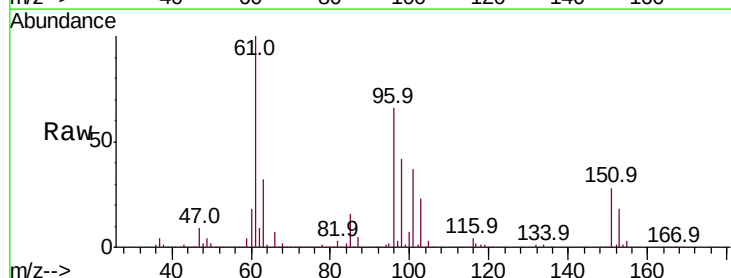
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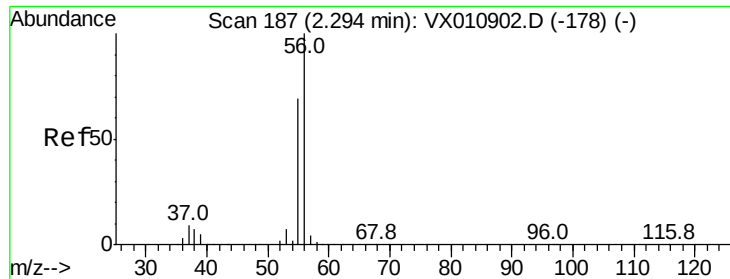
MMDadoda
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#12
1,1-Dichloroethene
Concen: 46.186 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX011108.D
Acq: 26 Jul 2019 22:49

Tgt Ion: 96 Resp: 83395
Ion Ratio Lower Upper
96 100
61 151.3 115.0 172.4
98 63.2 52.2 78.2





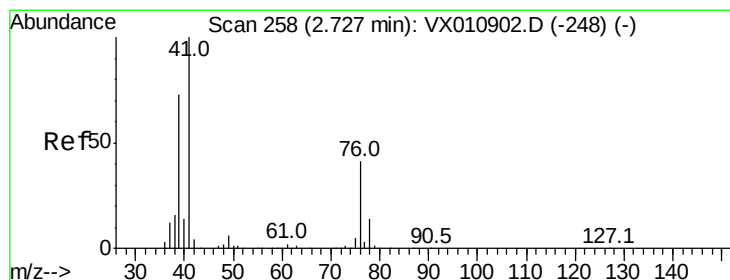
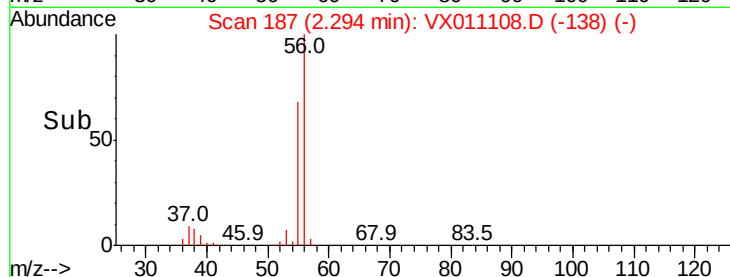
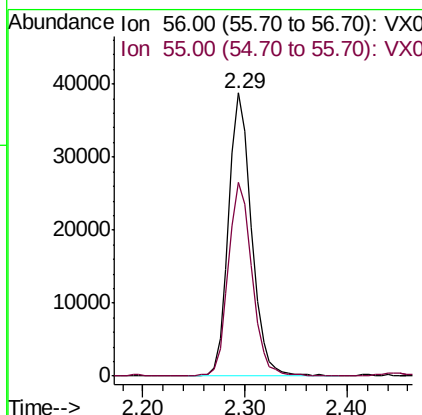
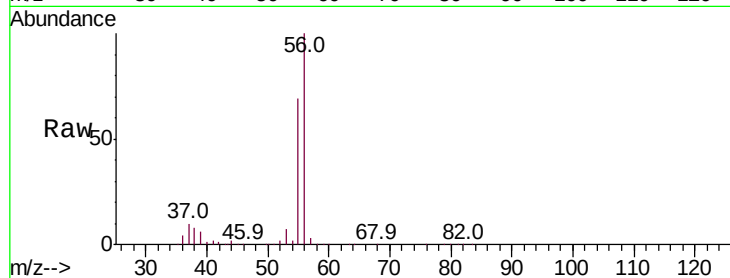
#13
Acrolein
Concen: 208.301 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX011108.D
Acq: 26 Jul 2019 22:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	60445
Ion Ratio	100	Lower	Upper
55	69.9	55.9	83.9

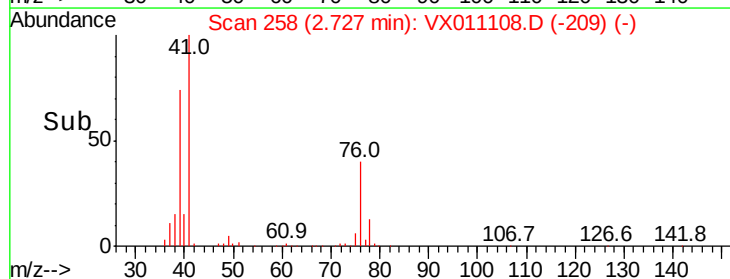
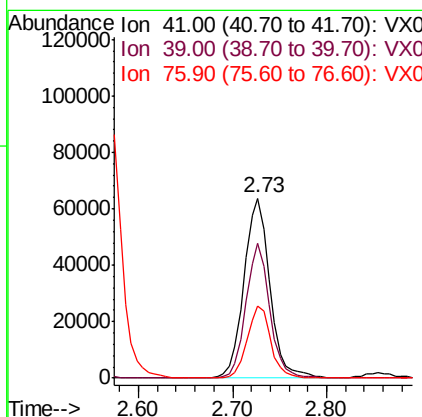
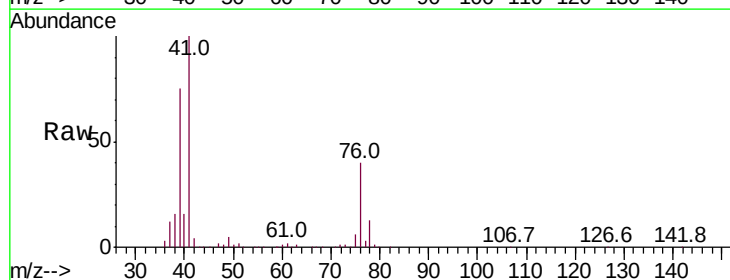
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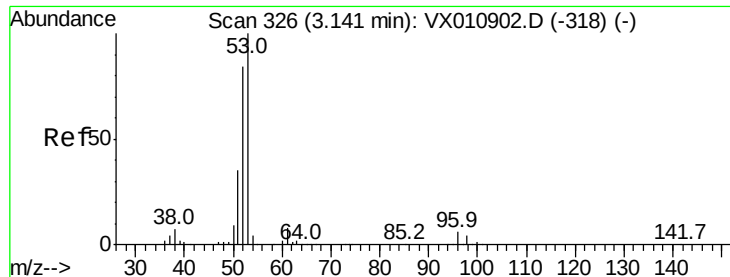
MMDadoda
7/29/2019 11:52:53 AM



#14
Allyl chloride
Concen: 47.082 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX011108.D
Acq: 26 Jul 2019 22:49

Tgt Ion	41	Resp	123486
Ion Ratio	100	Lower	Upper
39	67.9	53.6	80.4
76	36.5	29.7	44.5





#15

Acrylonitrile

Concen: 247.323 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX011108.D

Acq: 26 Jul 2019 22:49

Instrument :

MSVOA_X

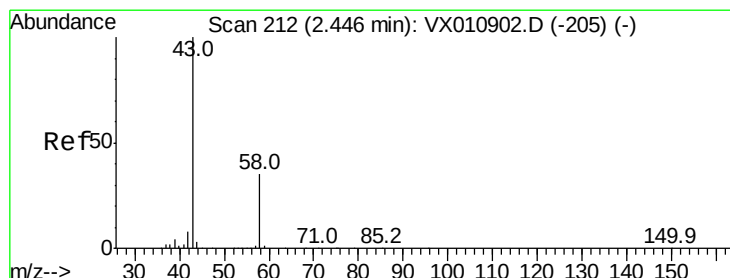
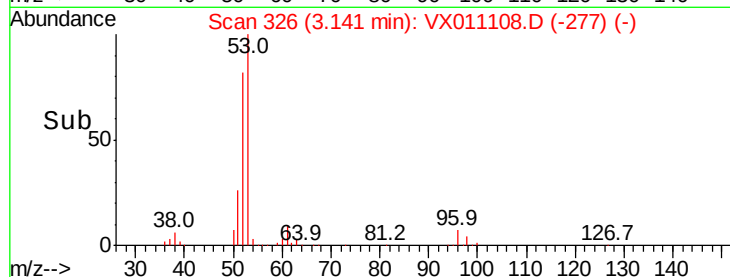
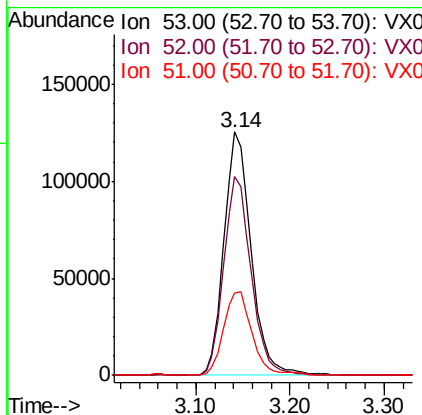
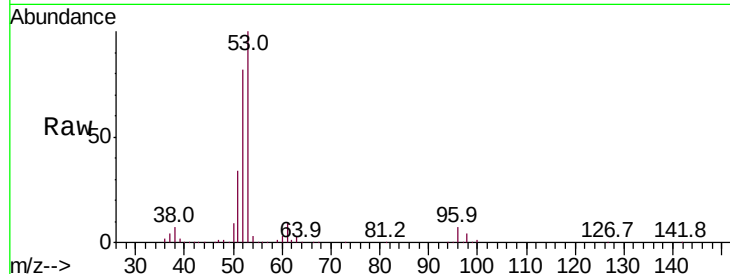
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	251005
Ion Ratio		Lower	Upper
53	100		
52	82.5	66.5	99.7
51	36.1	28.2	42.4

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#16

Acetone

Concen: 217.733 ug/l

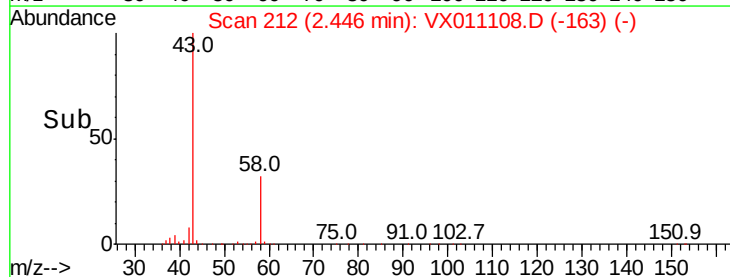
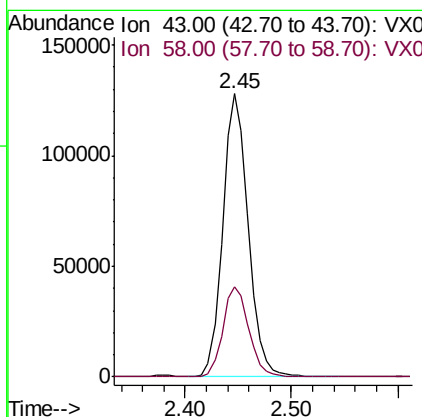
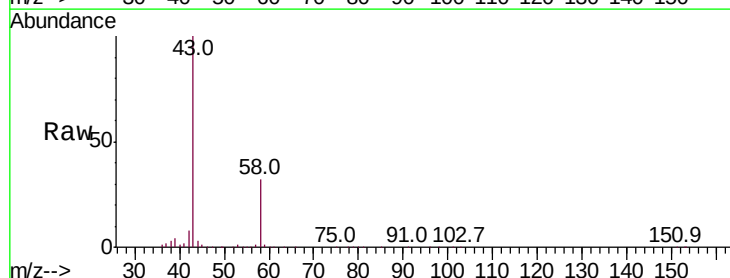
RT: 2.45 min Scan# 212

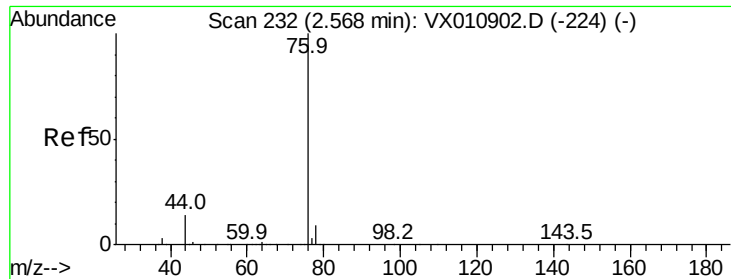
Delta R.T. -0.00 min

Lab File: VX011108.D

Acq: 26 Jul 2019 22:49

Tgt Ion:	43	Resp:	212075
Ion Ratio		Lower	Upper
43	100		
58	32.0	27.7	41.5





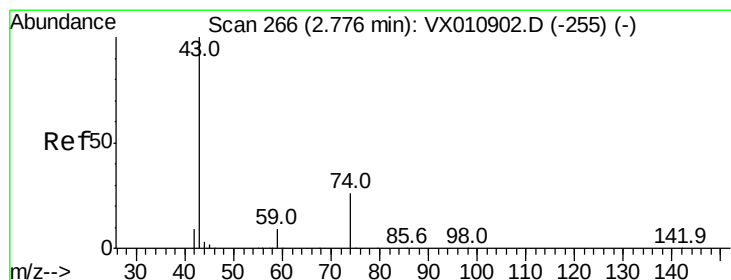
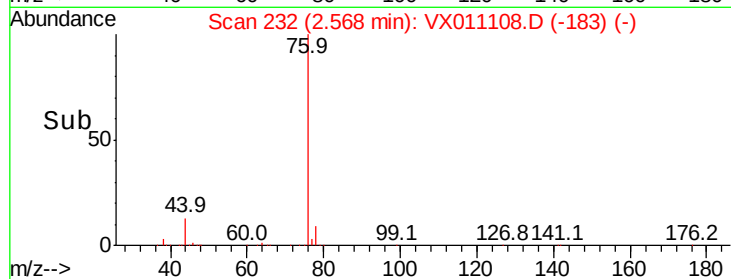
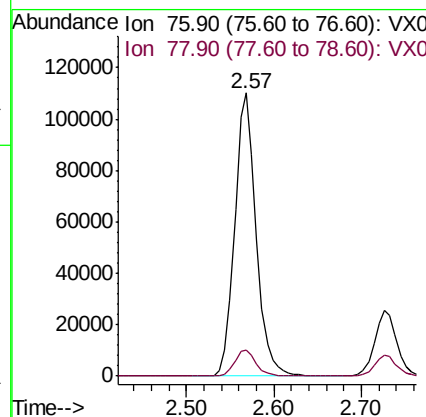
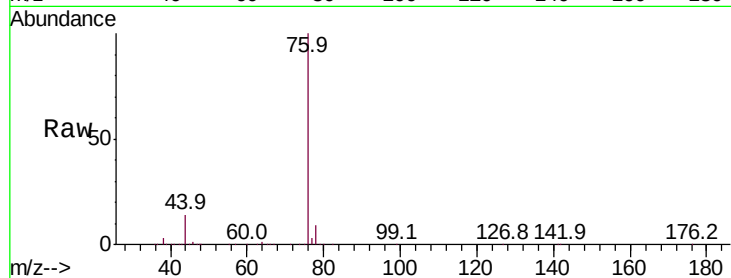
#17
Carbon Disulfide
Concen: 40.452 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX011108.D
Acq: 26 Jul 2019 22:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.4	11.0

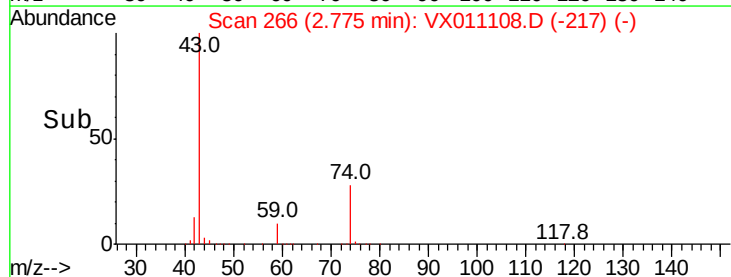
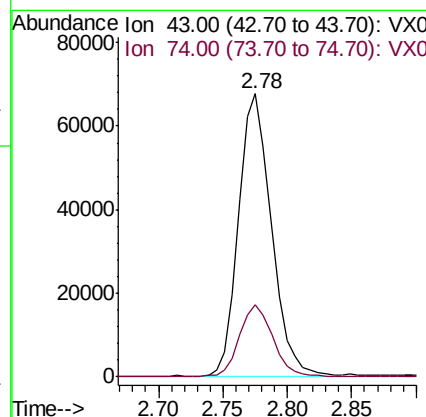
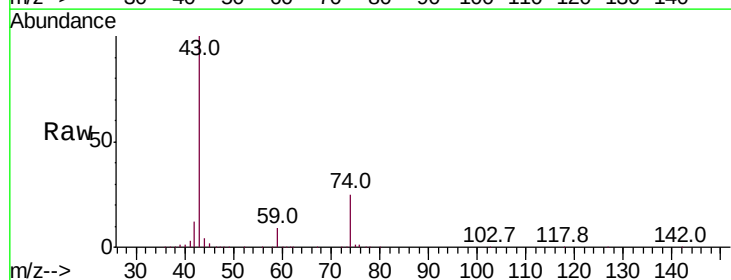
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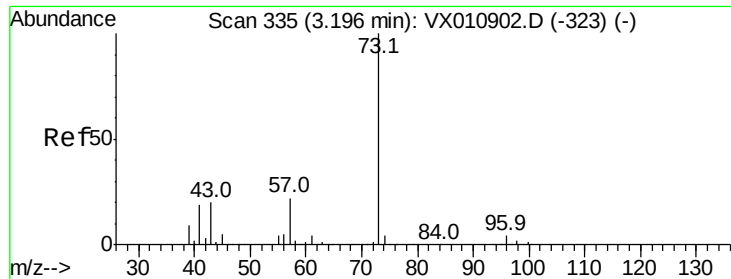
MMDadoda
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#18
Methyl Acetate
Concen: 54.125 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX011108.D
Acq: 26 Jul 2019 22:49

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.2	21.5	32.3





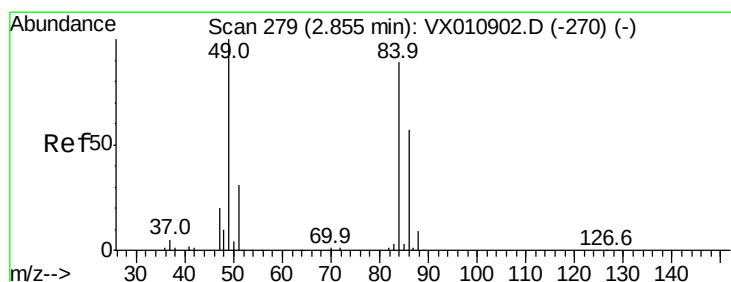
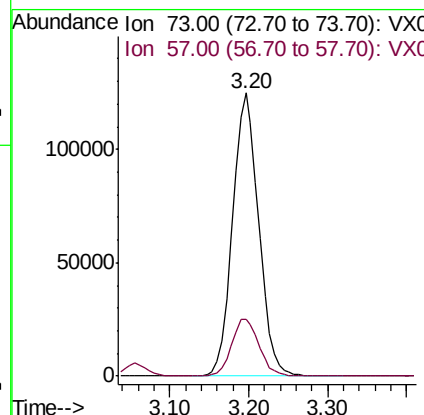
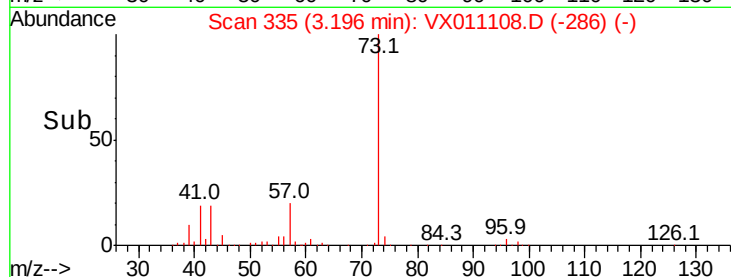
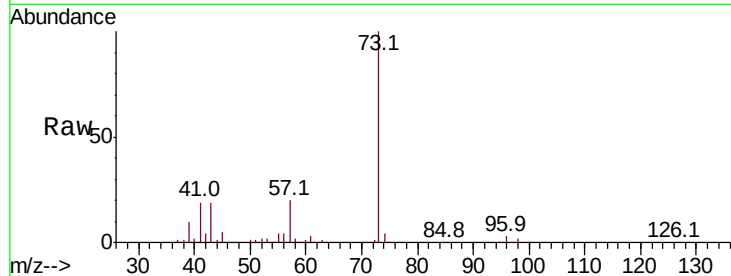
#19
Methyl tert-butyl Ether
Concen: 49.255 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX011108.D
Acq: 26 Jul 2019 22:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 286305
Ion Ratio Lower Upper
73 100
57 20.0 17.3 25.9

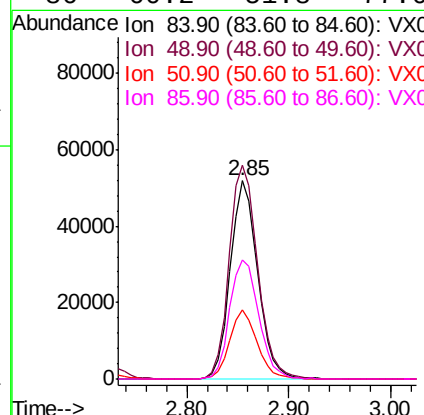
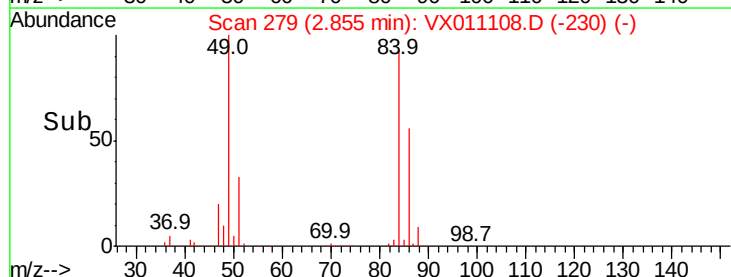
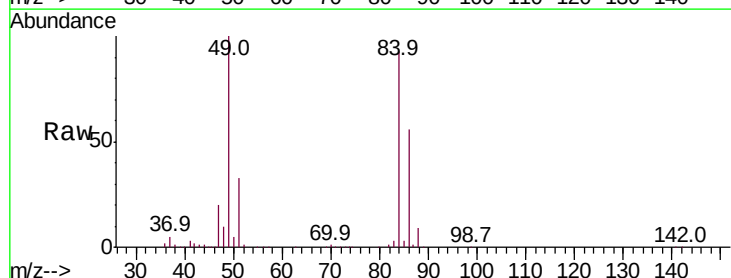
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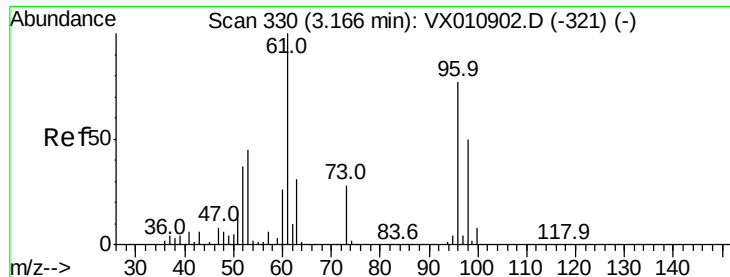
MMDadoda
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#20
Methylene Chloride
Concen: 46.782 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX011108.D
Acq: 26 Jul 2019 22:49

Tgt Ion: 84 Resp: 96564
Ion Ratio Lower Upper
84 100
49 107.6 89.9 134.9
51 35.0 27.8 41.6
86 60.2 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 46.447 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX011108.D

Acq: 26 Jul 2019 22:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 88986

Ion Ratio Lower Upper

96 100

61 124.5 104.2 156.2

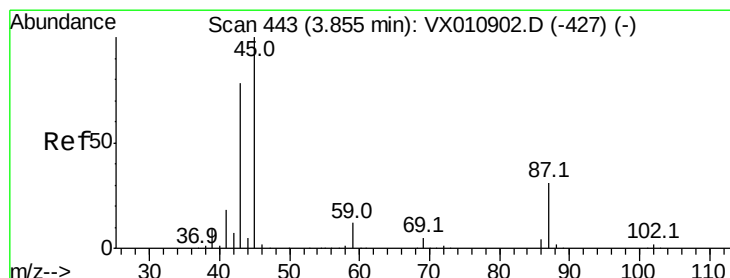
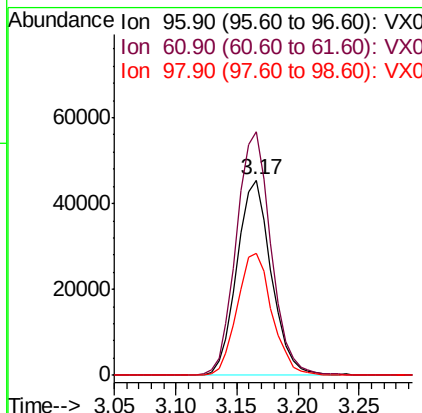
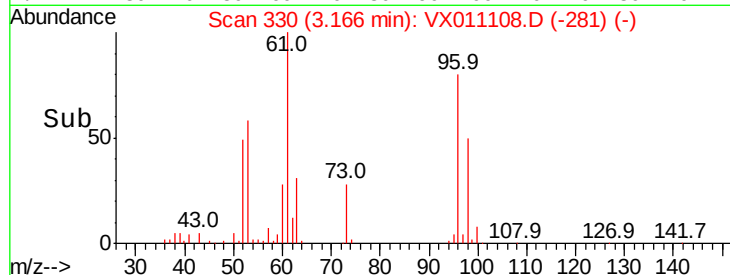
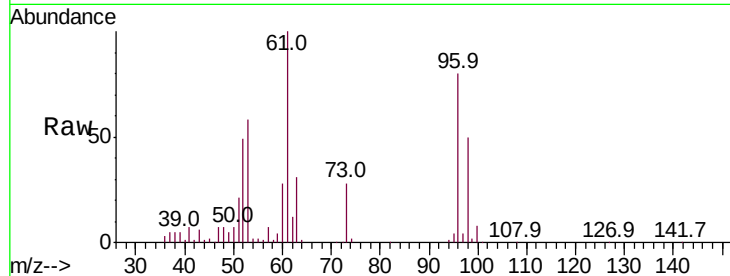
98 62.1 52.2 78.4

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#22

Diisopropyl ether

Concen: 49.672 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX011108.D

Acq: 26 Jul 2019 22:49

Tgt Ion: 45 Resp: 274762

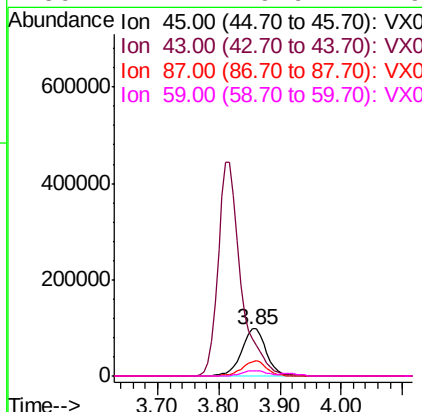
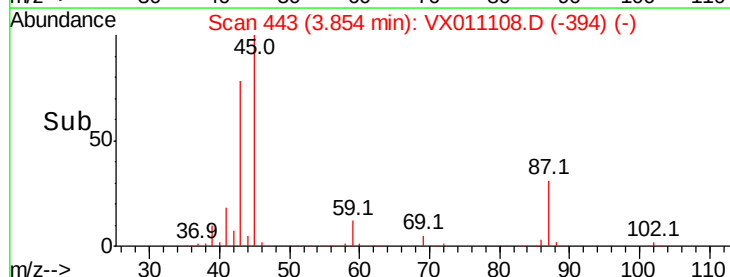
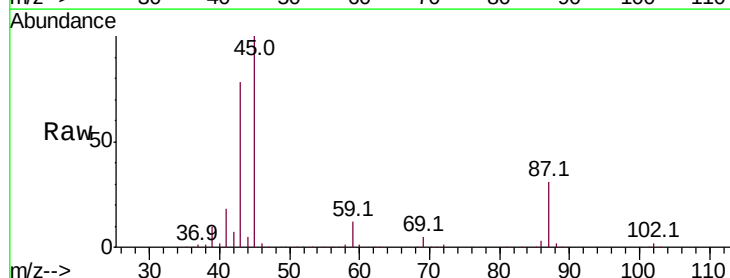
Ion Ratio Lower Upper

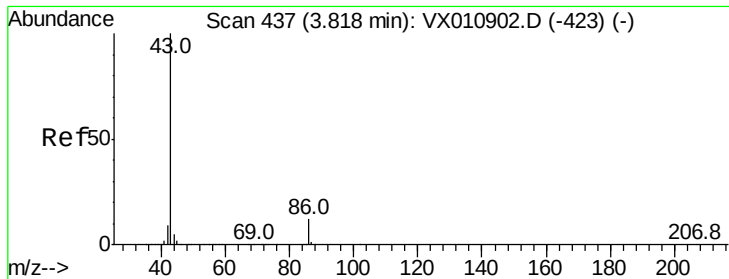
45 100

43 77.5 62.3 93.5

87 30.8 25.0 37.4

59 12.2 9.9 14.9





#23

Vinyl Acetate

Concen: 246.989 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX011108.D

Acq: 26 Jul 2019 22:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1157600

Ion Ratio Lower Upper

43 100

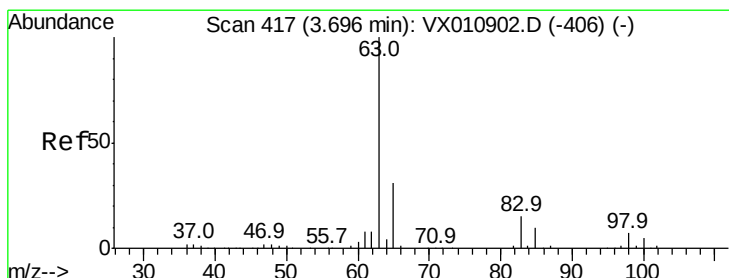
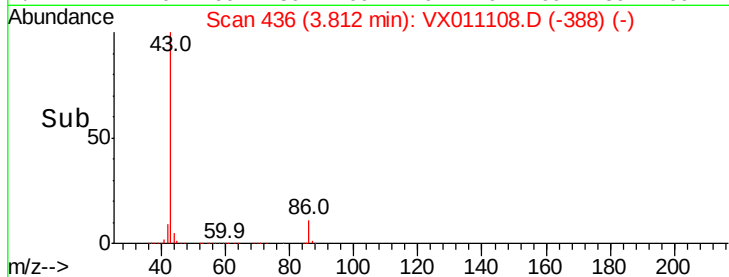
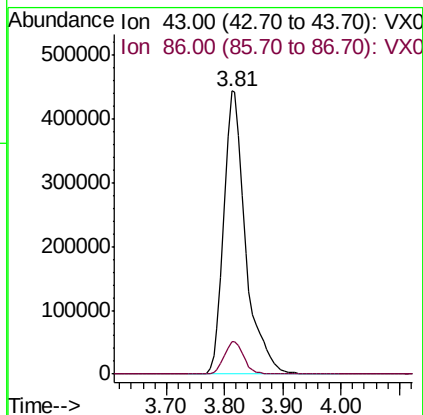
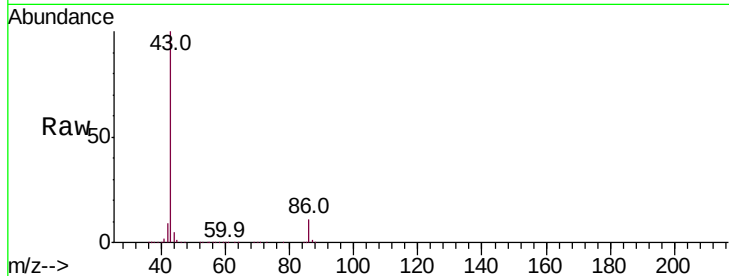
86 11.4 9.4 14.0

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#24

1,1-Dichloroethane

Concen: 48.489 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX011108.D

Acq: 26 Jul 2019 22:49

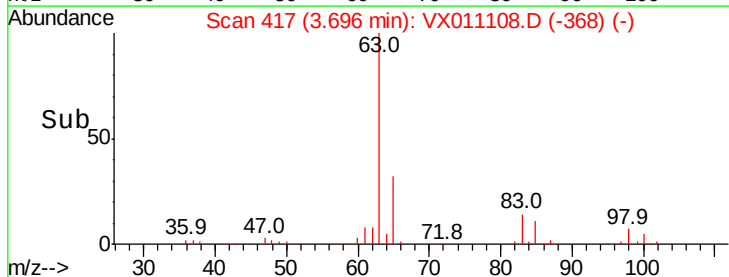
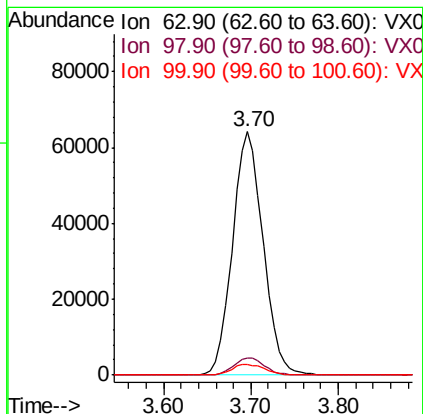
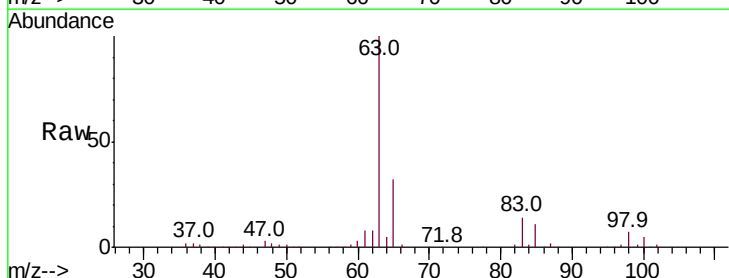
Tgt Ion: 63 Resp: 155768

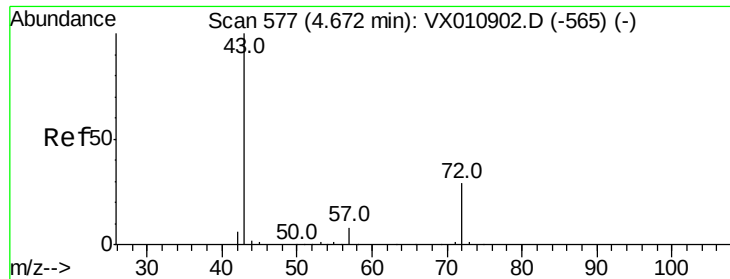
Ion Ratio Lower Upper

63 100

98 7.1 3.6 10.9

100 4.5 2.4 7.2





#25

2-Butanone

Concen: 245.044 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX011108.D

Acq: 26 Jul 2019 22:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 342618

Ion Ratio Lower Upper

43 100

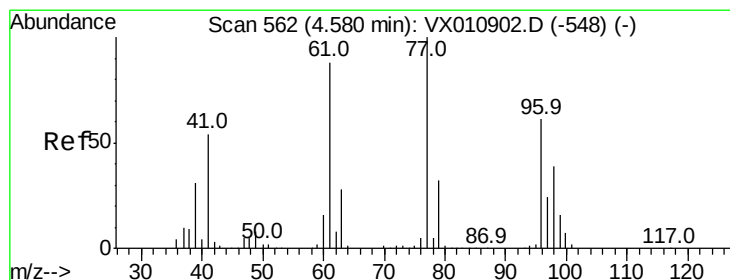
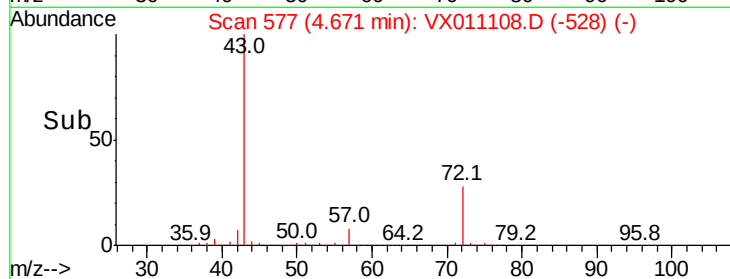
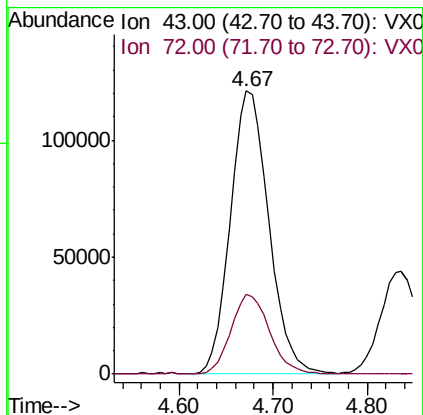
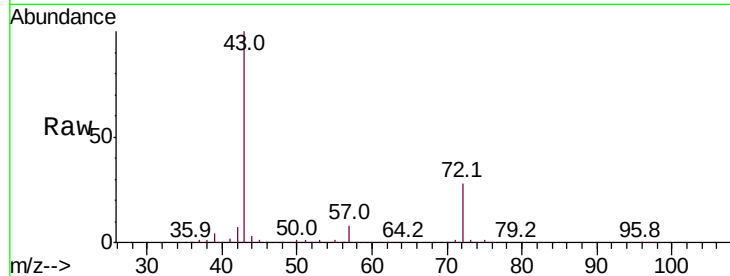
72 28.1 23.0 34.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 39.676 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX011108.D

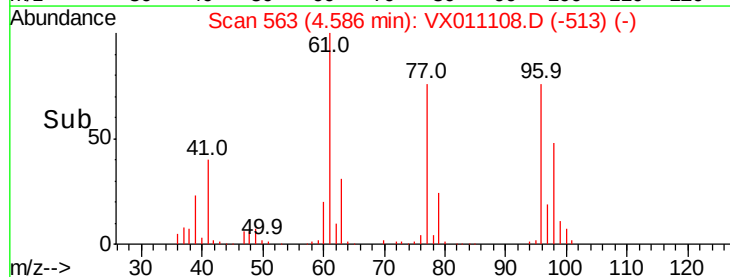
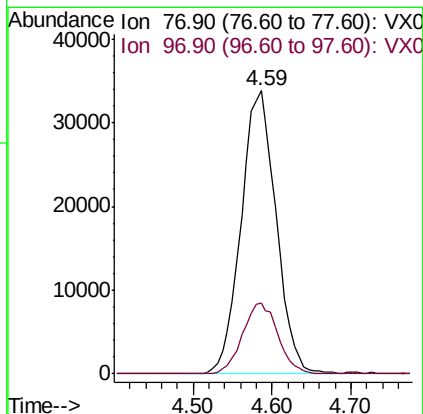
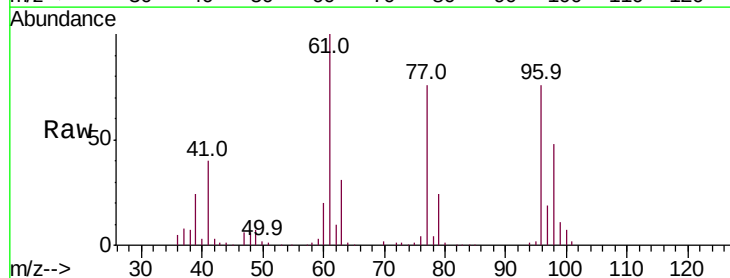
Acq: 26 Jul 2019 22:49

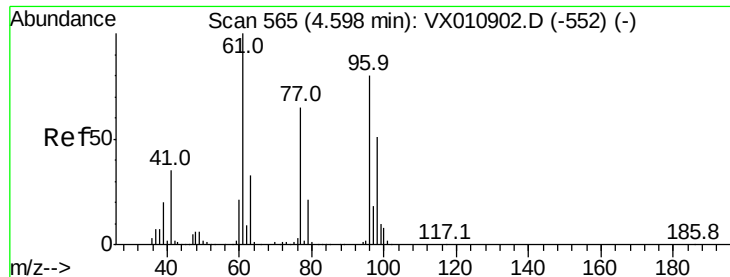
Tgt Ion: 77 Resp: 104653

Ion Ratio Lower Upper

77 100

97 25.2 12.6 37.6





#27

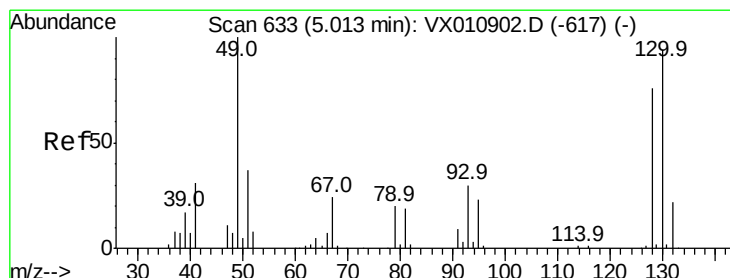
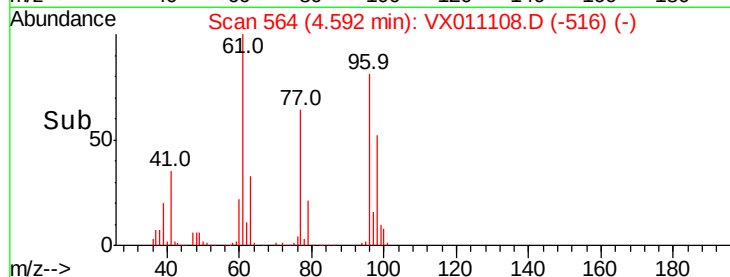
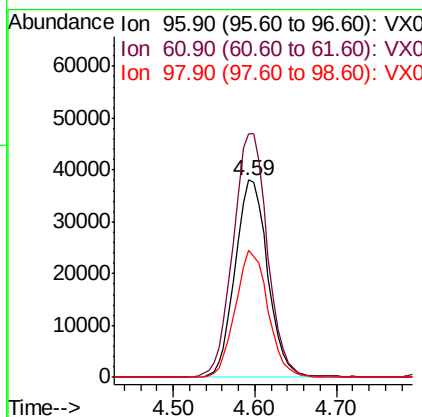
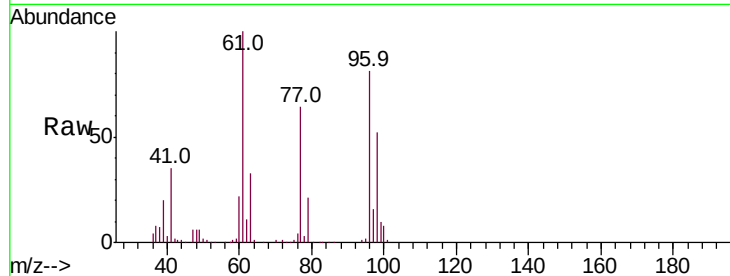
cis-1,2-Dichloroethene
 Concen: 47.816 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX011108.D
 Acq: 26 Jul 2019 22:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	129.9	0.0	269.0	
98	64.3	0.0	131.4	

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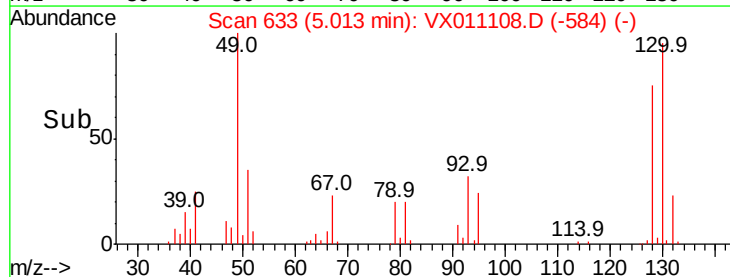
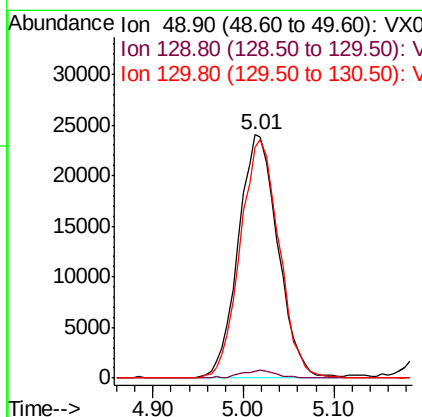
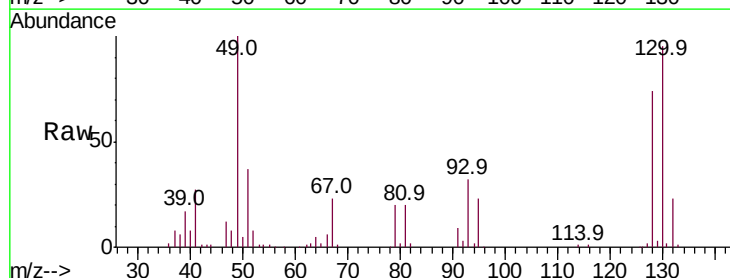
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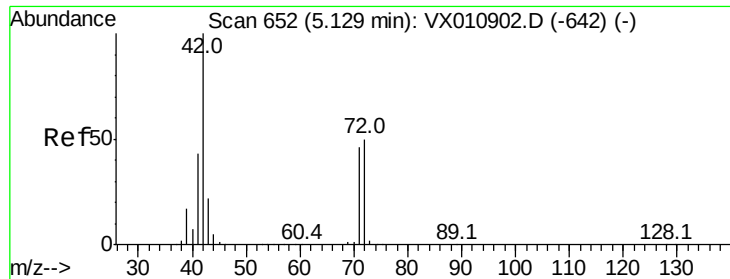


#28

Bromochloromethane
 Concen: 48.150 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: VX011108.D
 Acq: 26 Jul 2019 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.7	0.0	5.2	
130	96.2	76.9	115.3	





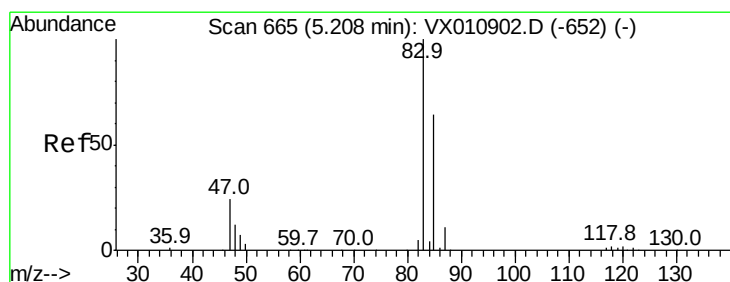
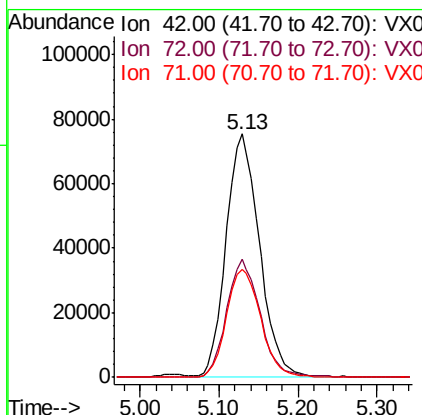
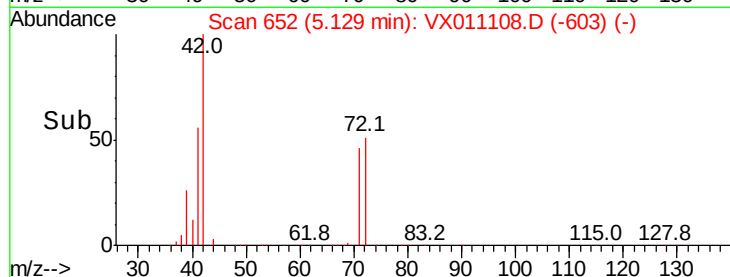
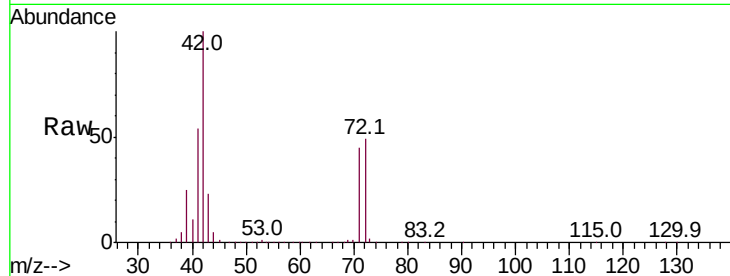
#29
Tetrahydrofuran
Concen: 250.701 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX011108.D
Acq: 26 Jul 2019 22:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.8	39.8	59.8
71	45.9	37.0	55.4

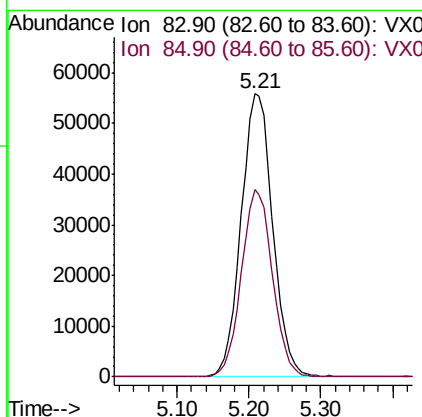
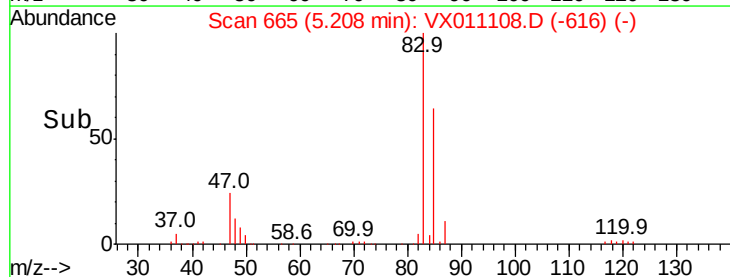
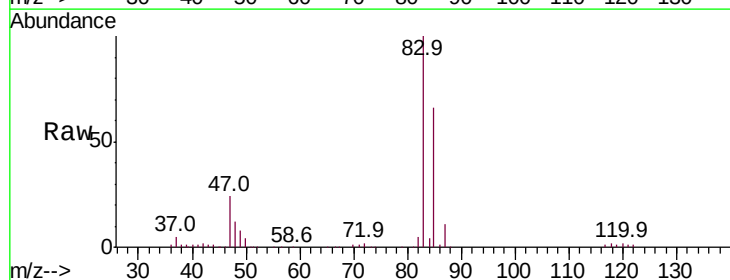
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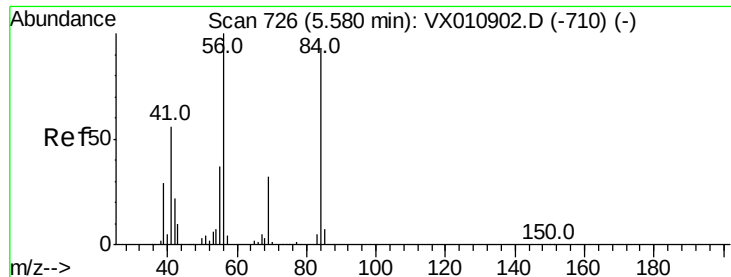
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#30
Chloroform
Concen: 48.918 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX011108.D
Acq: 26 Jul 2019 22:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.3	51.4	77.0





#31

Cyclohexane

Concen: 45.241 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX011108.D

Acq: 26 Jul 2019 22:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 132473

Ion Ratio Lower Upper

56 100

69 32.3 25.8 38.8

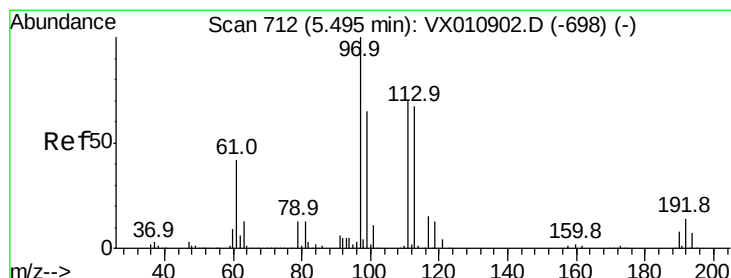
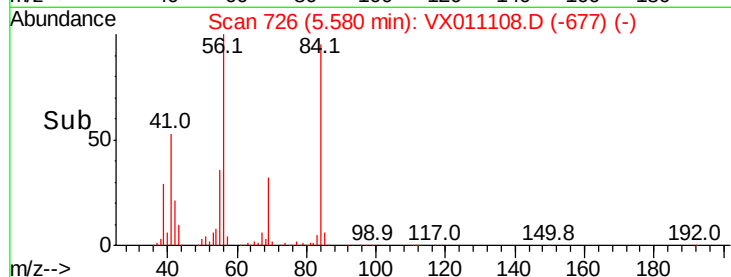
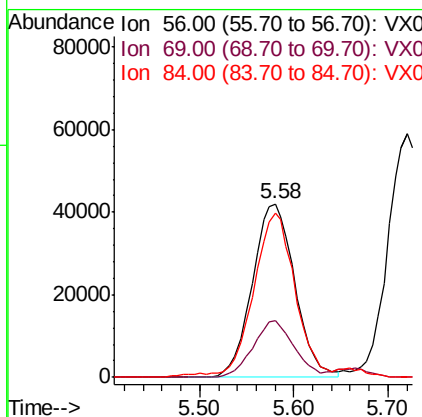
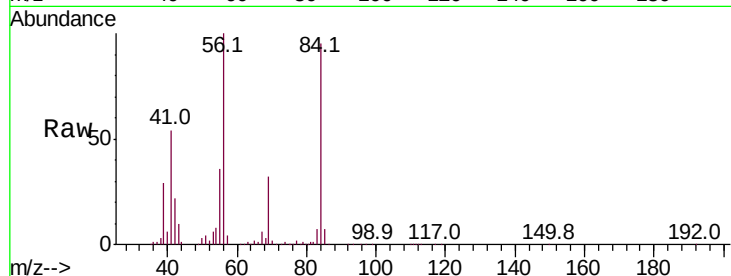
84 93.1 73.8 110.6

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#32

1,1,1-Trichloroethane

Concen: 49.177 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX011108.D

Acq: 26 Jul 2019 22:49

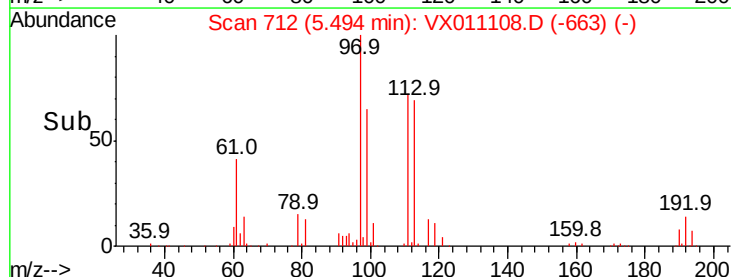
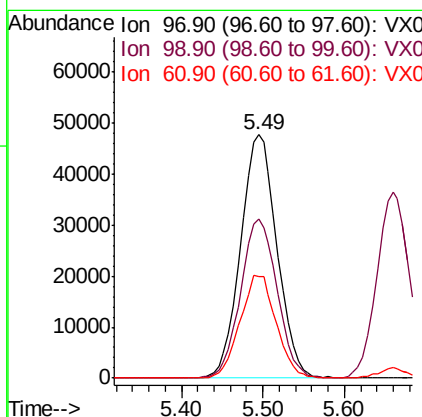
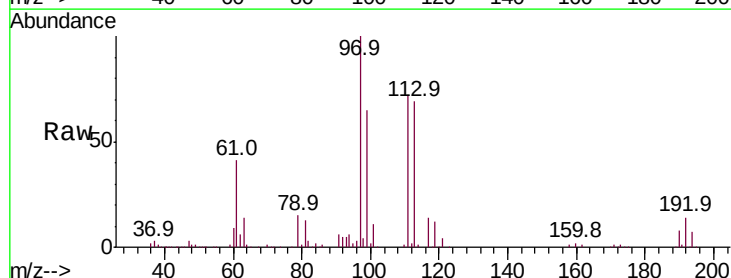
Tgt Ion: 97 Resp: 147732

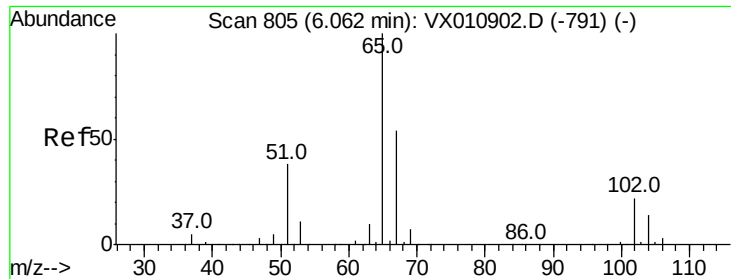
Ion Ratio Lower Upper

97 100

99 65.7 51.4 77.0

61 42.2 33.0 49.6





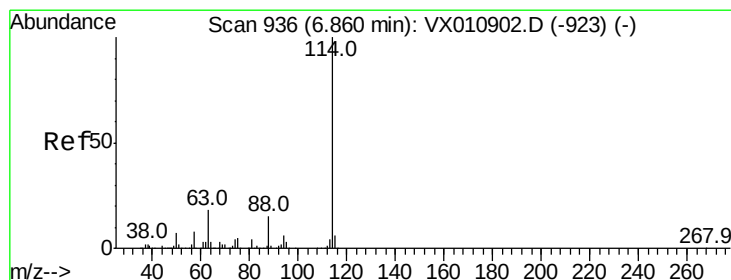
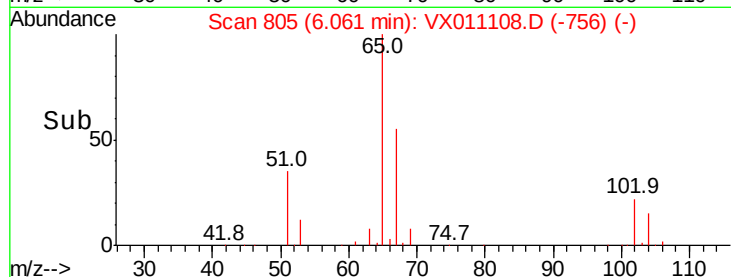
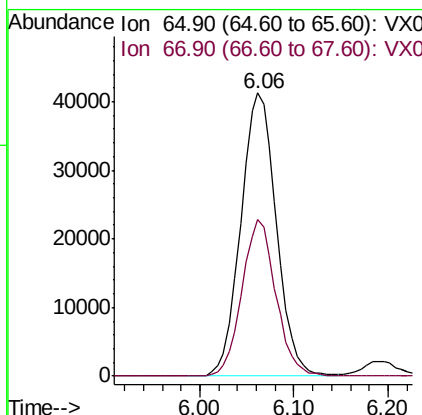
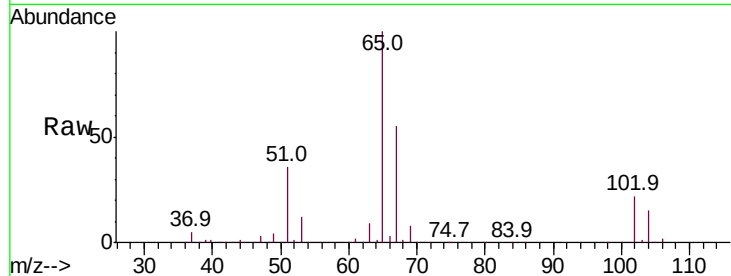
#33
 1,2-Dichloroethane-d4
 Concen: 50.476 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX011108.D
 Acq: 26 Jul 2019 22:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.9	0.0	107.8	

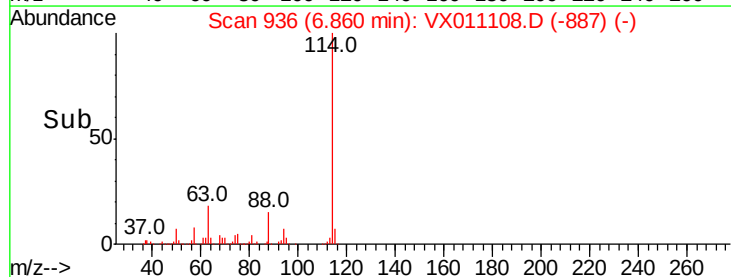
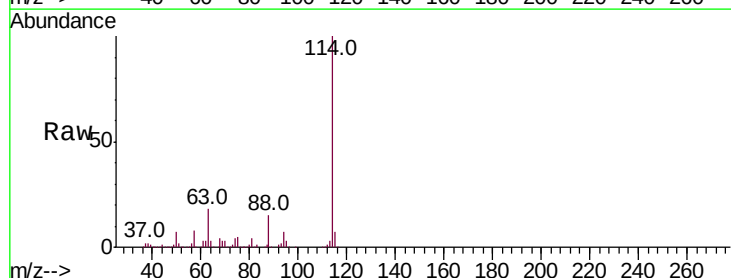
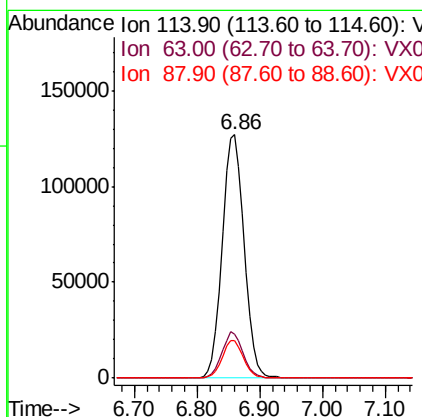
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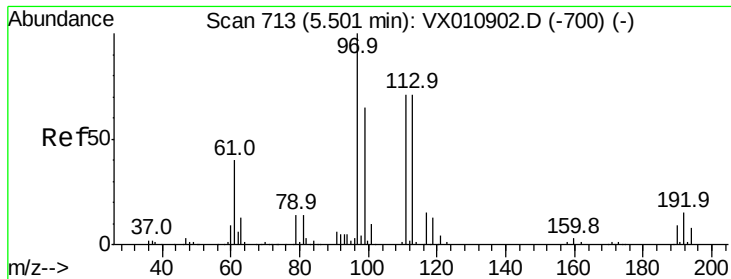
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX011108.D
 Acq: 26 Jul 2019 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.0	0.0	35.6	
88	15.5	0.0	29.8	





#35

Dibromofluoromethane

Concen: 50.251 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011108.D

Acq: 26 Jul 2019 22:49

Instrument :

MSVOA_X

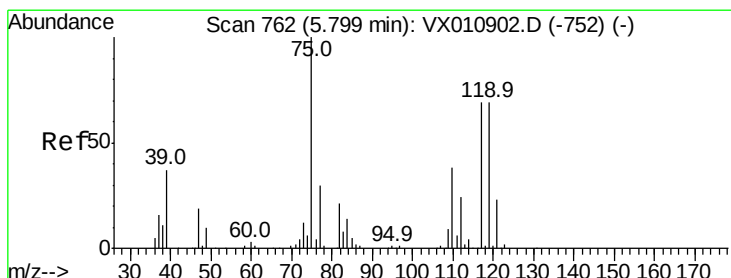
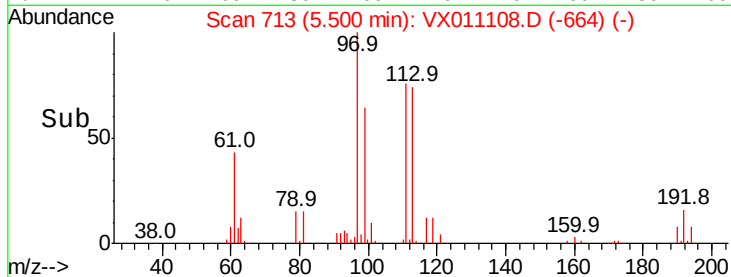
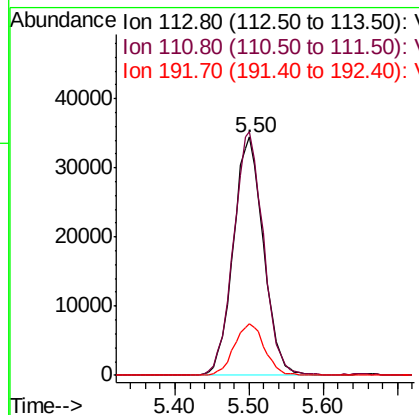
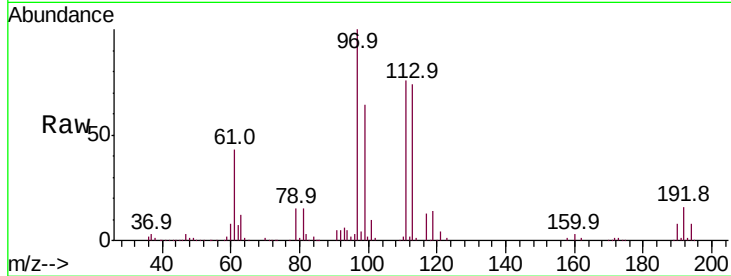
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	97800
Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.3	123.5
192	21.7	17.4	26.2

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#36

1,1-Dichloropropene

Concen: 46.368 ug/l

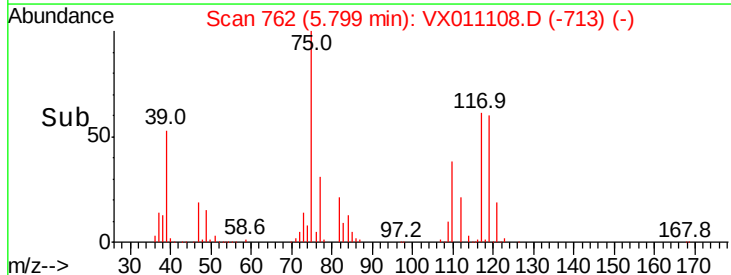
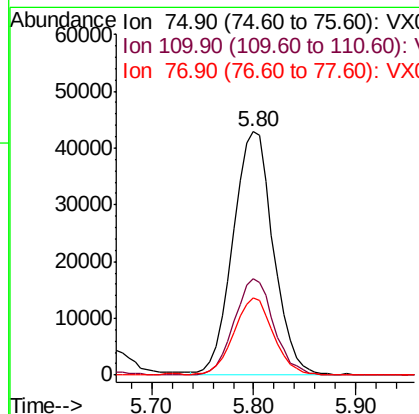
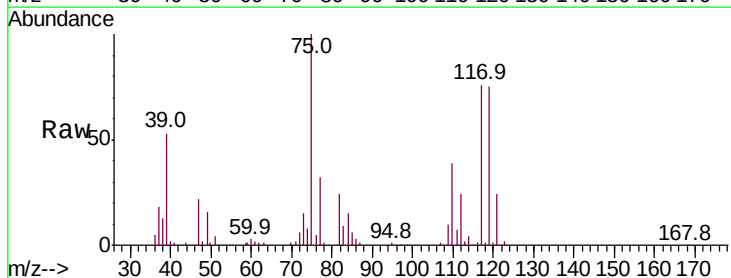
RT: 5.80 min Scan# 762

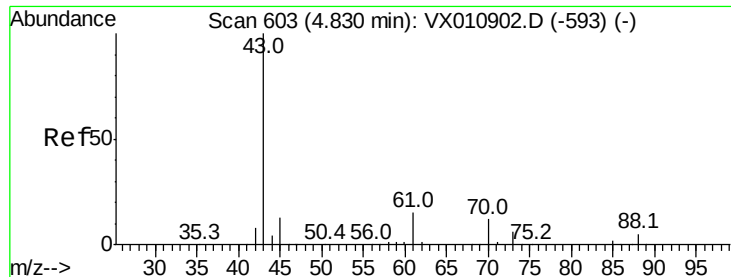
Delta R.T. -0.00 min

Lab File: VX011108.D

Acq: 26 Jul 2019 22:49

Tgt Ion:	75	Resp:	116785
Ion	Ratio	Lower	Upper
75	100		
110	39.1	19.9	59.7
77	31.1	25.0	37.4





#37

Ethyl Acetate

Concen: 50.187 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX011108.D

Acq: 26 Jul 2019 22:49

Instrument :

MSVOA_X

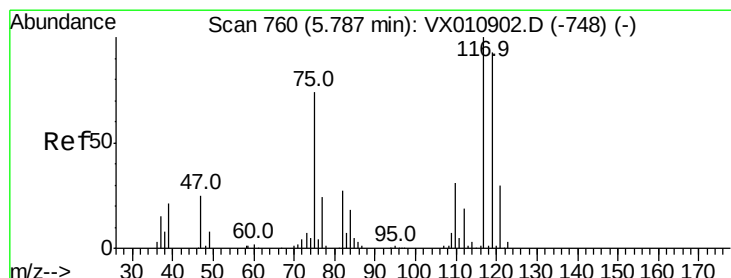
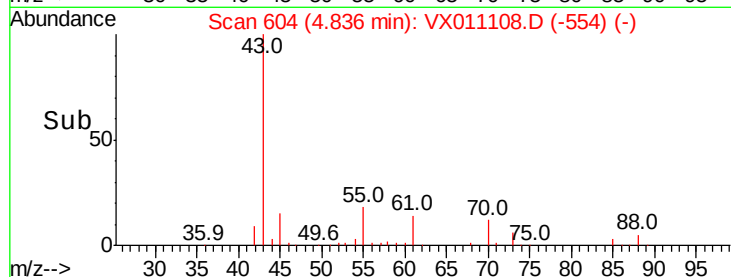
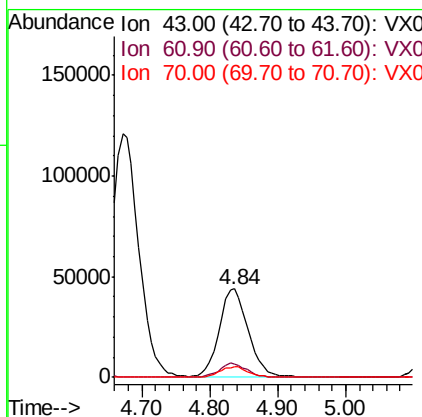
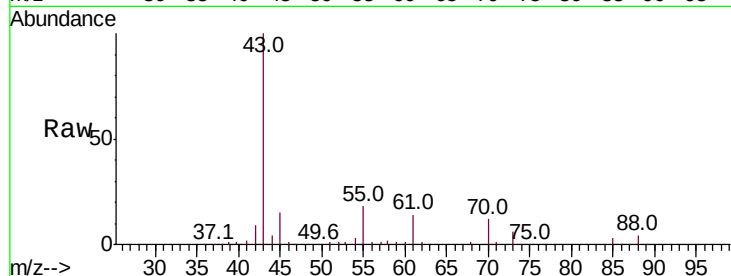
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	129433
Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.6	17.4
70	11.7	9.1	13.7

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#38

Carbon Tetrachloride

Concen: 49.442 ug/l

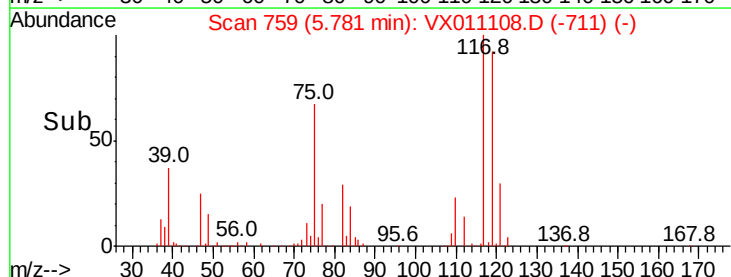
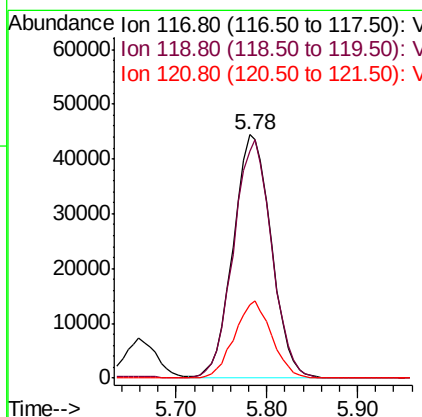
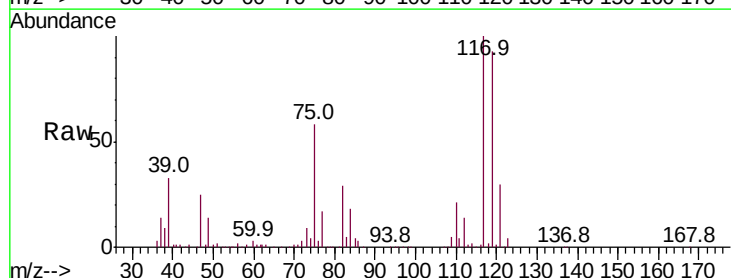
RT: 5.78 min Scan# 759

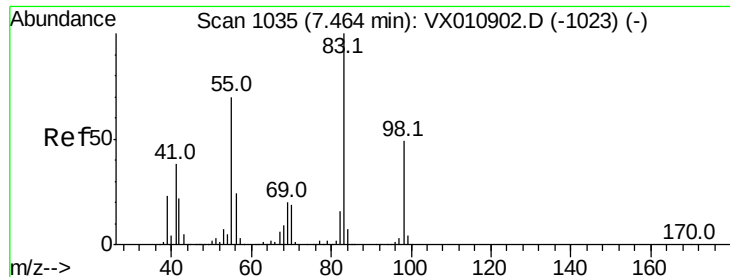
Delta R.T. -0.01 min

Lab File: VX011108.D

Acq: 26 Jul 2019 22:49

Tgt Ion:	117	Resp:	129761
Ion	Ratio	Lower	Upper
117	100		
119	93.5	74.2	111.2
121	30.2	24.2	36.2





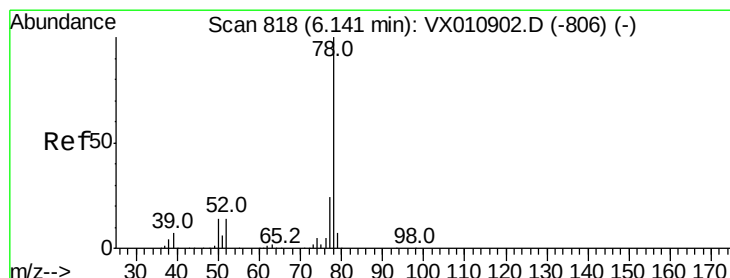
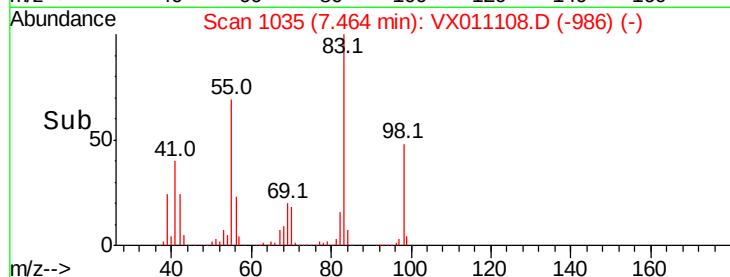
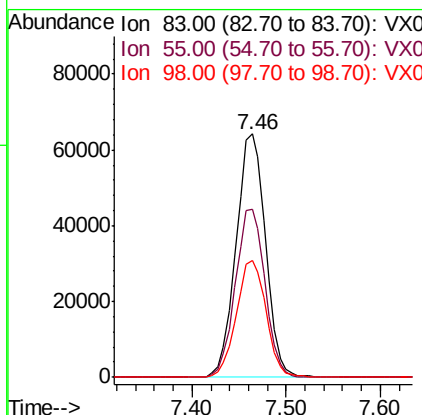
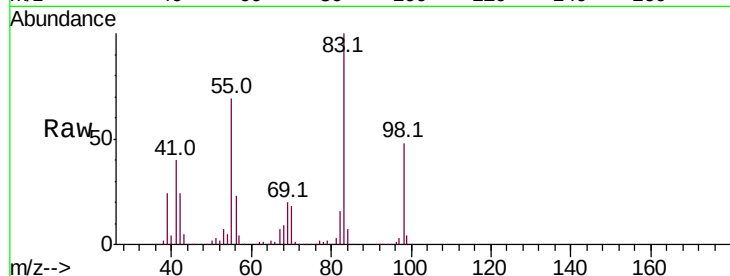
#39
Methylvlcyclohexane
Concen: 42.991 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX011108.D
Acq: 26 Jul 2019 22:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	140418
Ion Ratio	100	Lower	Upper
83	100		
55	68.9	56.2	84.4
98	47.9	39.0	58.4

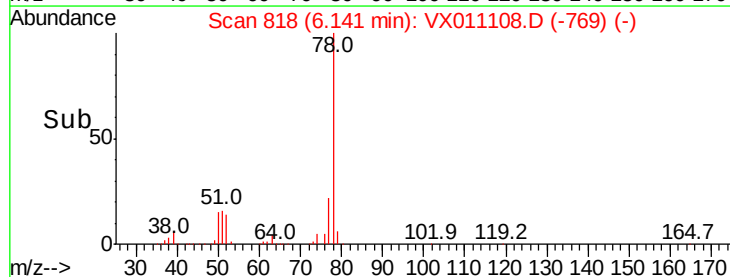
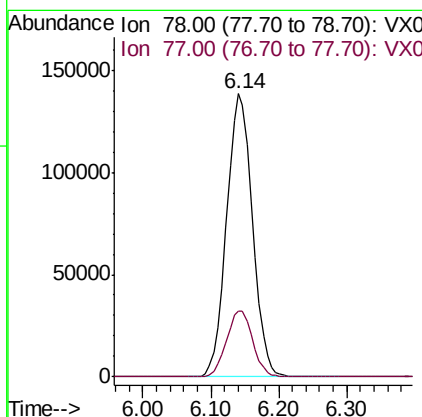
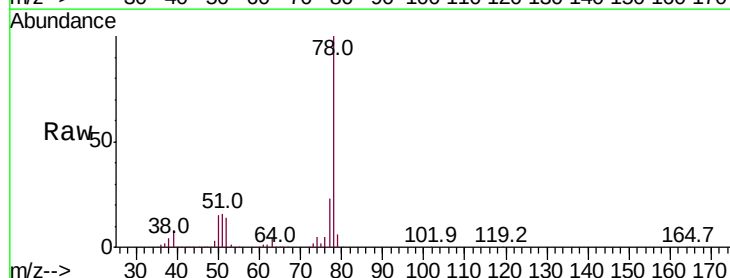
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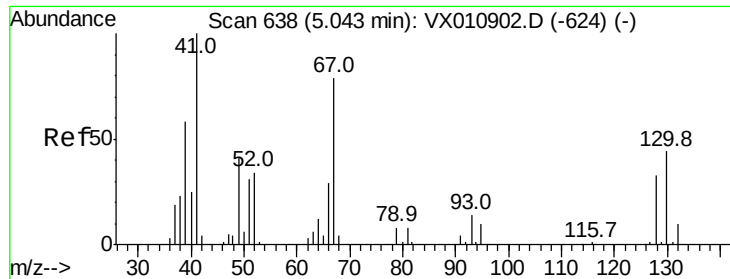
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#40
Benzene
Concen: 47.235 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX011108.D
Acq: 26 Jul 2019 22:49

Tgt Ion	78	Resp	364425
Ion Ratio	100	Lower	Upper
78	100		
77	23.2	19.0	28.6





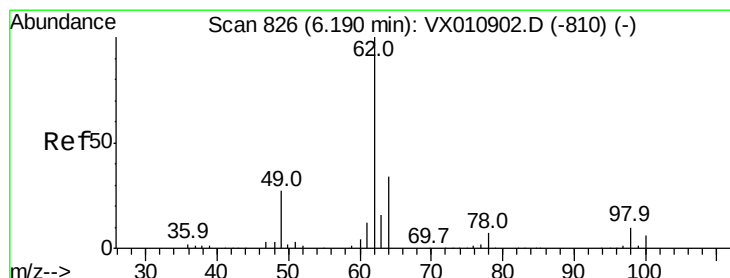
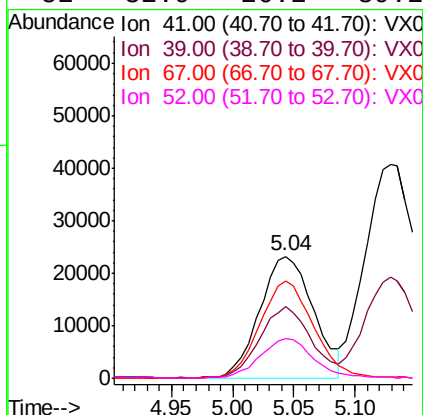
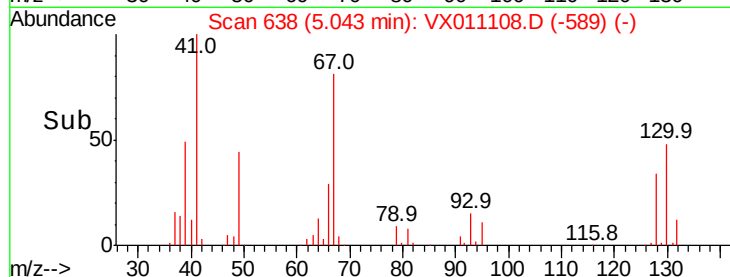
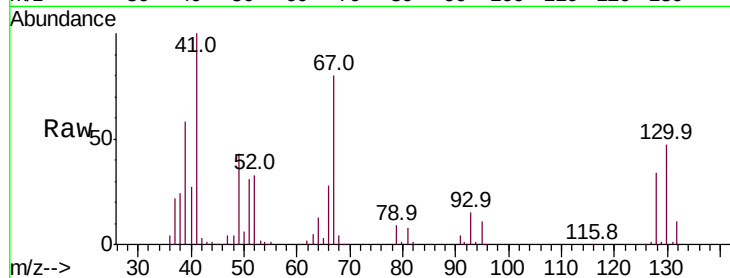
#41
Methacrylonitrile
Concen: 48.666 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX011108.D
Acq: 26 Jul 2019 22:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.4	45.4	68.2	
67	79.7	65.9	98.9	
52	32.9	26.2	39.2	

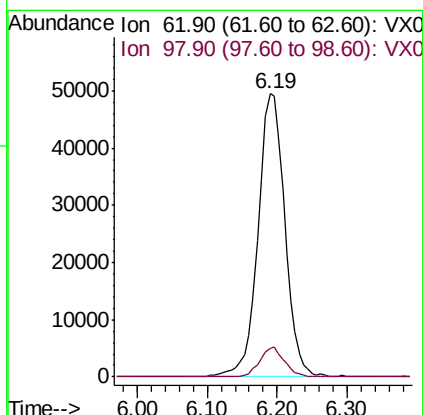
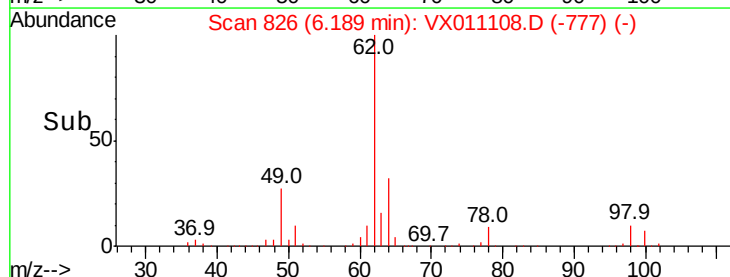
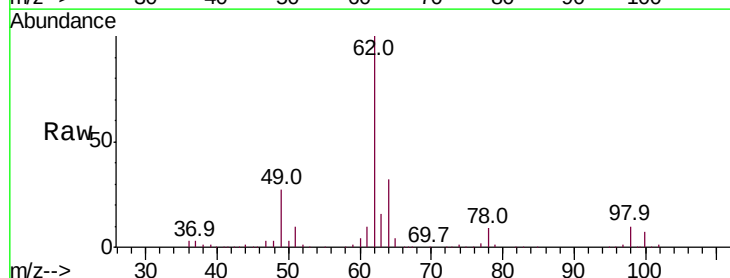
Manual Integrations
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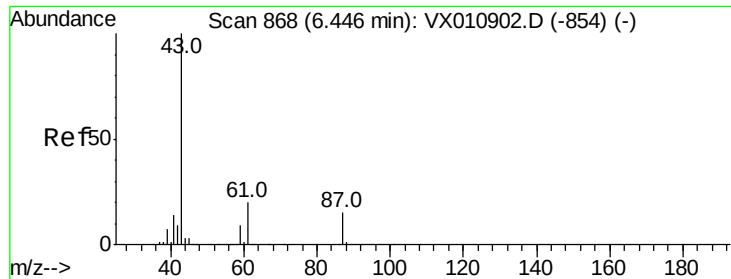
MMDadoda
7/29/2019 11:52:53 AM



#42
1,2-Dichloroethane
Concen: 49.429 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX011108.D
Acq: 26 Jul 2019 22:49

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.5	0.0	20.0	





#43

Isopropyl Acetate

Concen: 49.869 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX011108.D

Acq: 26 Jul 2019 22:49

Instrument :

MSVOA_X

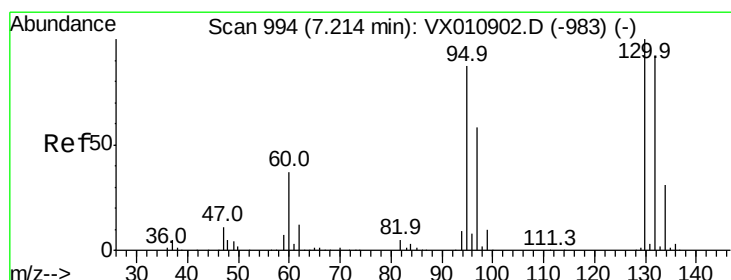
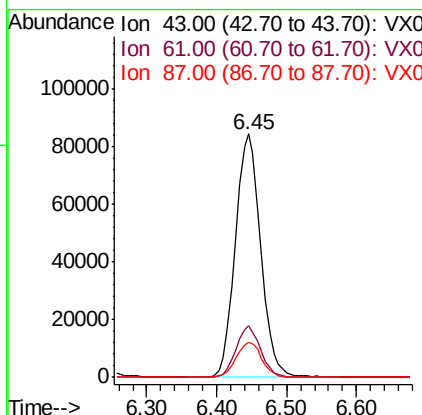
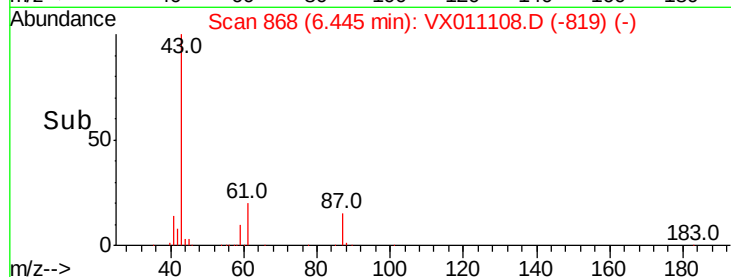
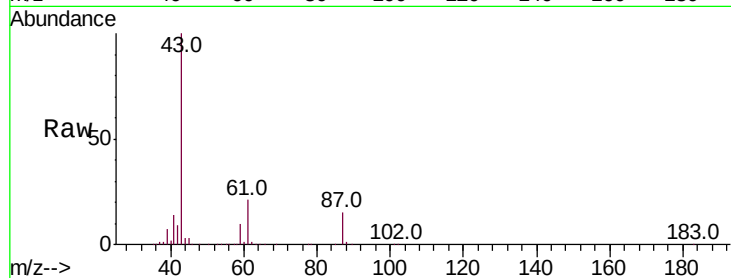
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	211477
Ion	Ratio	Lower	Upper
43	100		
61	20.6	17.1	25.7
87	14.7	12.0	18.0

Manual Integrations
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#44

Trichloroethene

Concen: 45.967 ug/l

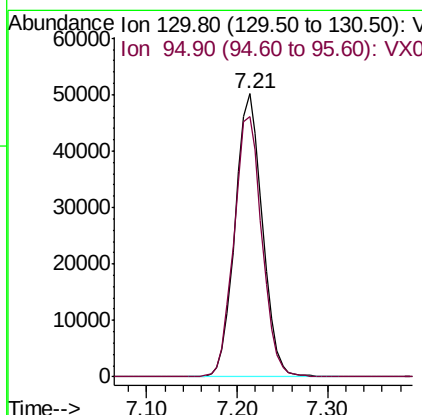
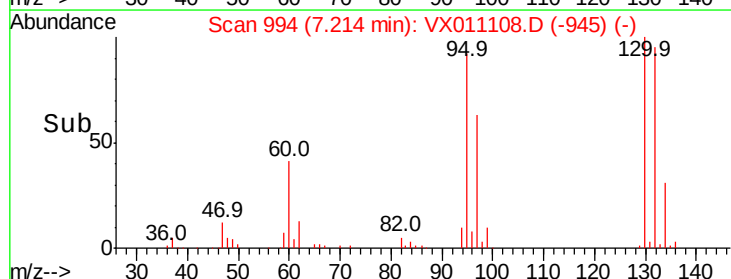
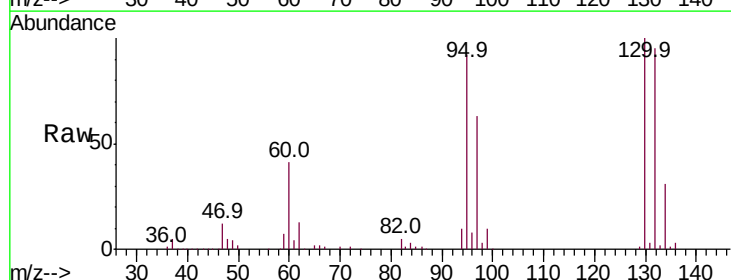
RT: 7.21 min Scan# 994

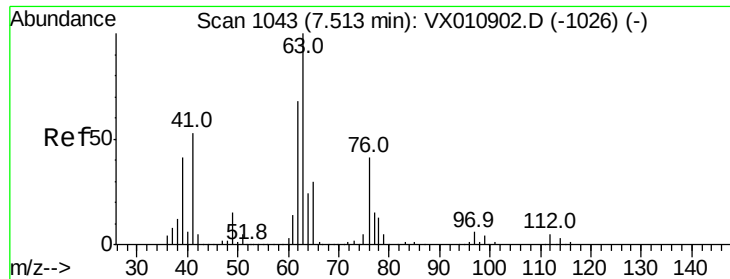
Delta R.T. -0.00 min

Lab File: VX011108.D

Acq: 26 Jul 2019 22:49

Tgt Ion:	130	Resp:	104976
Ion	Ratio	Lower	Upper
130	100		
95	91.8	0.0	174.8





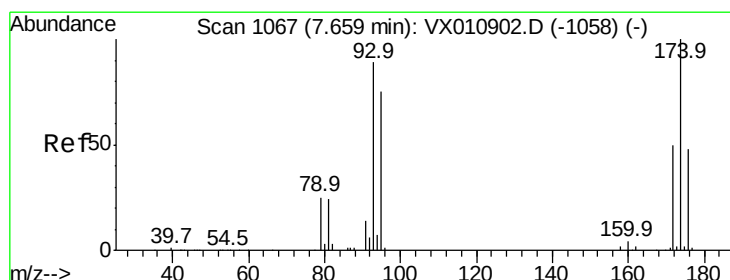
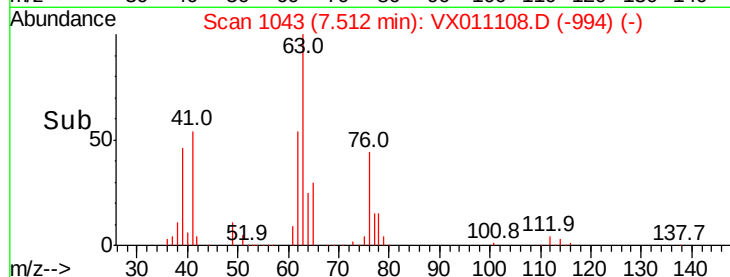
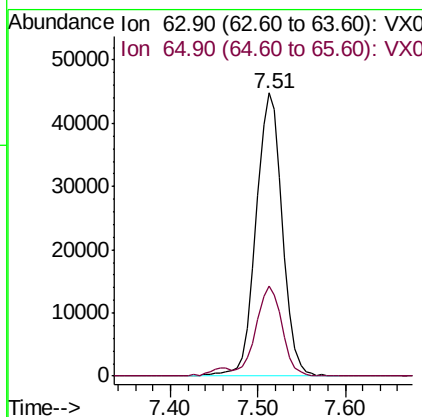
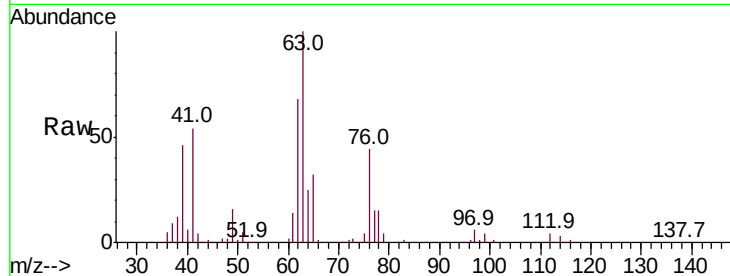
#45
 1,2-Dichloropropane
 Concen: 47.644 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX011108.D
 Acq: 26 Jul 2019 22:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 93556
 Ion Ratio Lower Upper
 63 100
 65 32.0 24.4 36.6

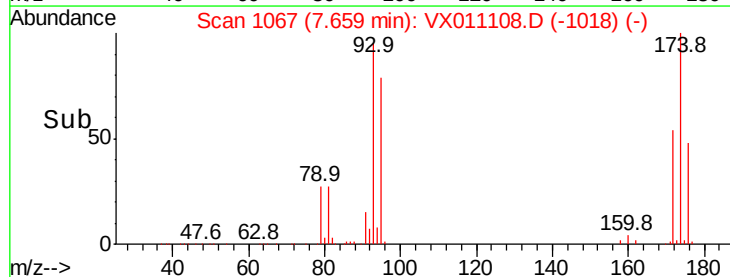
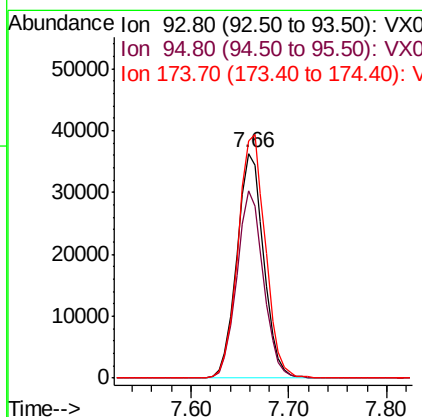
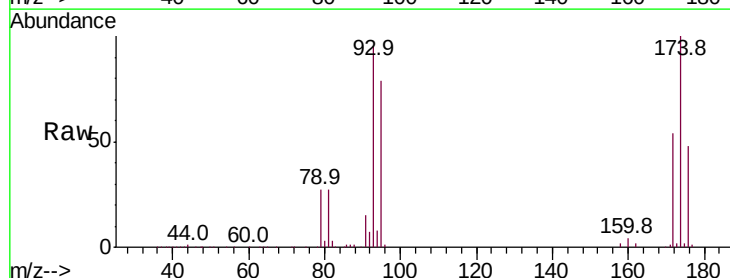
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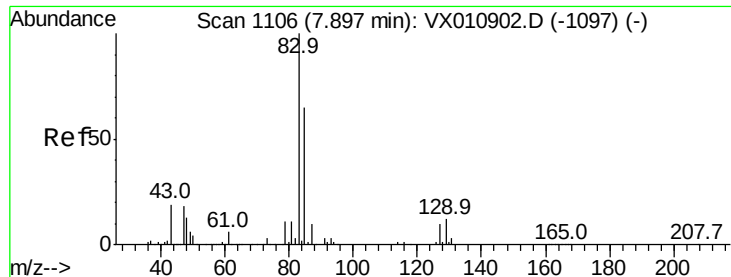
MMDadoda
 7/29/2019 11:52:53 AM



#46
 Dibromomethane
 Concen: 49.340 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX011108.D
 Acq: 26 Jul 2019 22:49

Tgt Ion: 93 Resp: 69232
 Ion Ratio Lower Upper
 93 100
 95 82.7 67.2 100.8
 174 110.5 90.6 135.8





#47

Bromodichloromethane

Concen: 50.630 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX011108.D

Acq: 26 Jul 2019 22:49

Instrument :

MSVOA_X

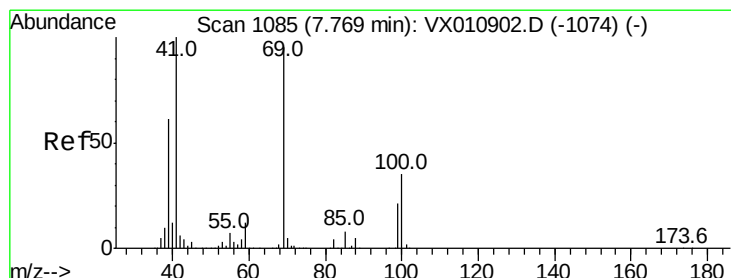
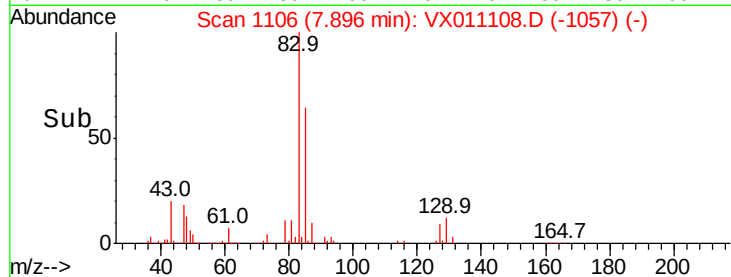
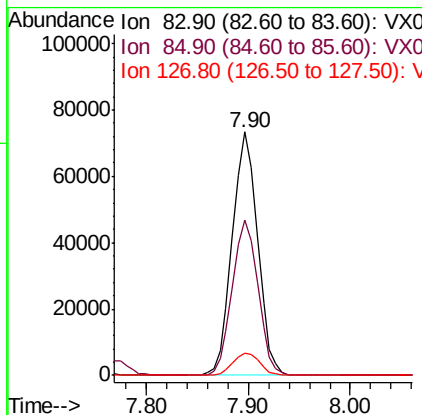
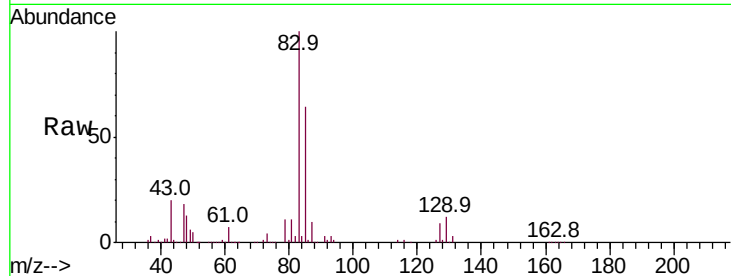
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	126460
Ion	Ratio	Lower	Upper
83	100		
85	64.0	52.5	78.7
127	9.1	7.8	11.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.599 ug/l

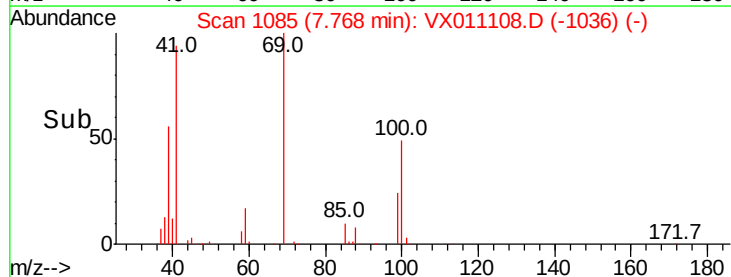
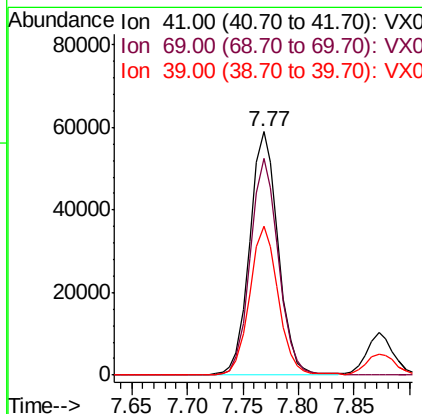
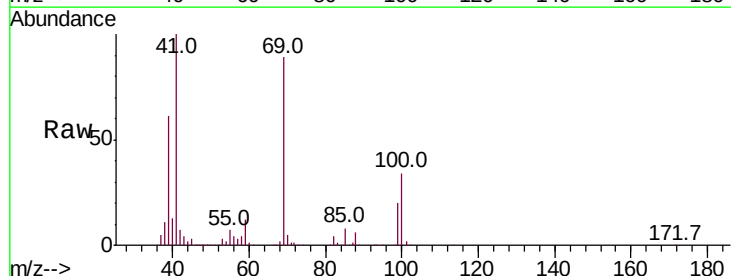
RT: 7.77 min Scan# 1085

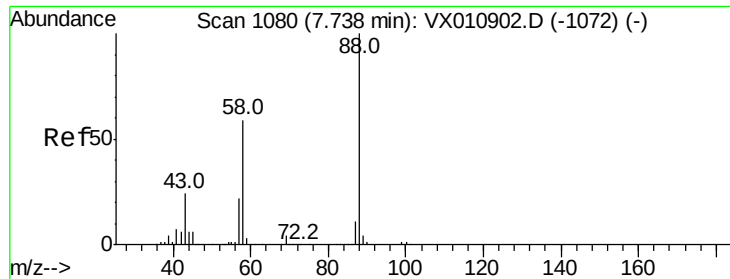
Delta R.T. -0.00 min

Lab File: VX011108.D

Acq: 26 Jul 2019 22:49

Tgt Ion:	41	Resp:	104531
Ion	Ratio	Lower	Upper
41	100		
69	88.9	74.4	111.6
39	61.2	48.9	73.3





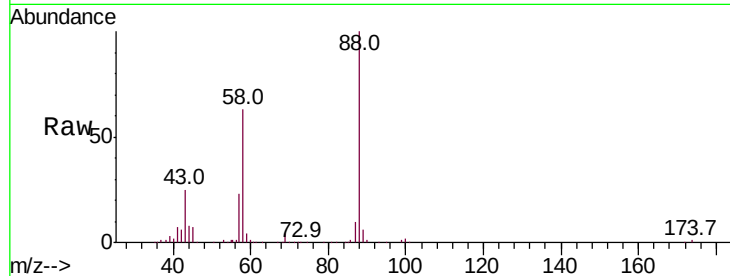
#49
1,4-Dioxane
Concen: 953.818 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX011108.D
Acq: 26 Jul 2019 22:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.3	22.9	34.3
58	64.2	49.8	74.8

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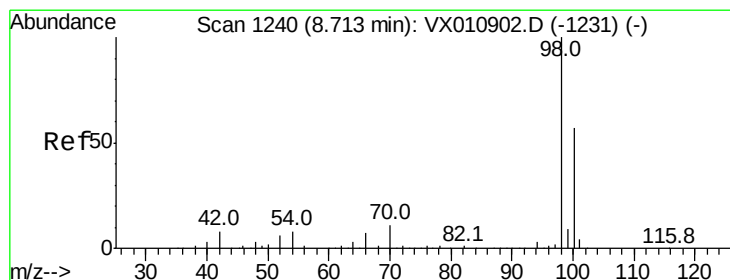
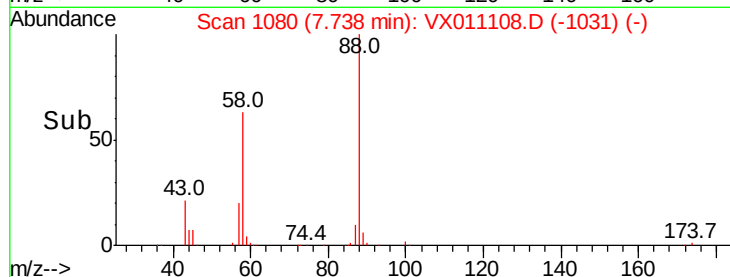
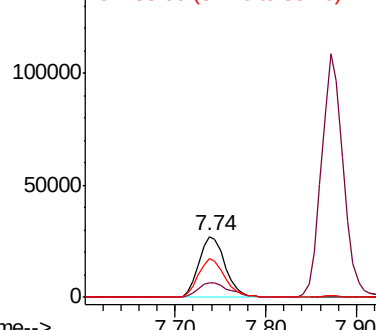


Abundance

Ion 88.00 (87.70 to 88.70): VX0

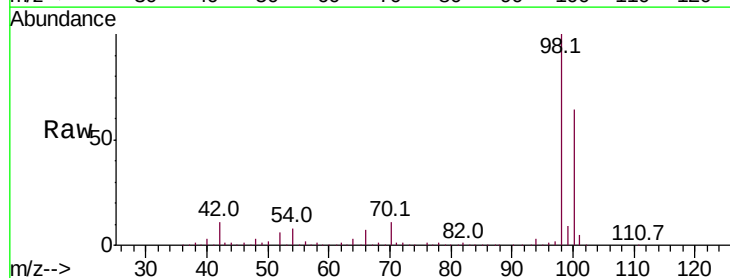
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 48.963 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011108.D
Acq: 26 Jul 2019 22:49

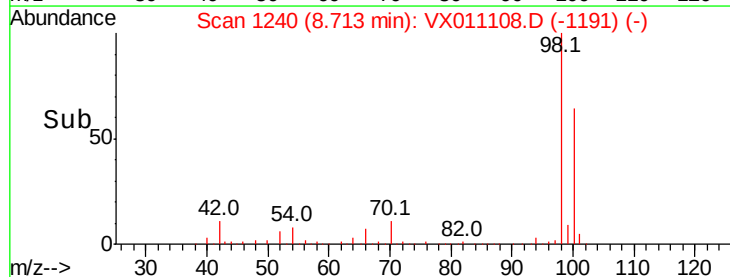
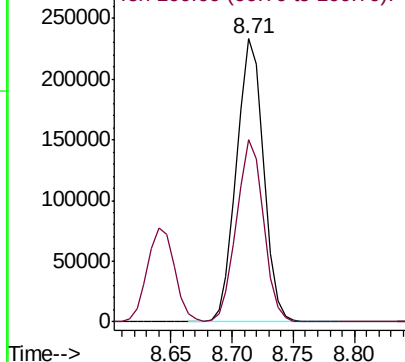
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.6	75.8

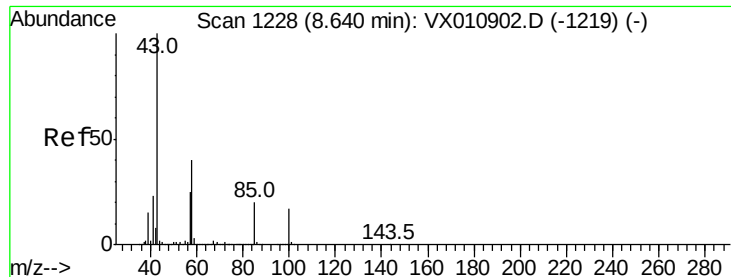


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 257.537 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX011108.D

Acq: 26 Jul 2019 22:49

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 707963

Ion Ratio Lower Upper

43 100

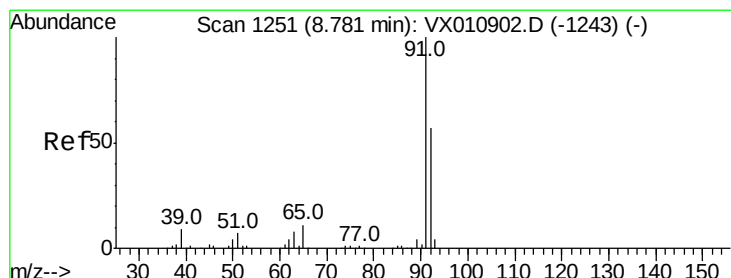
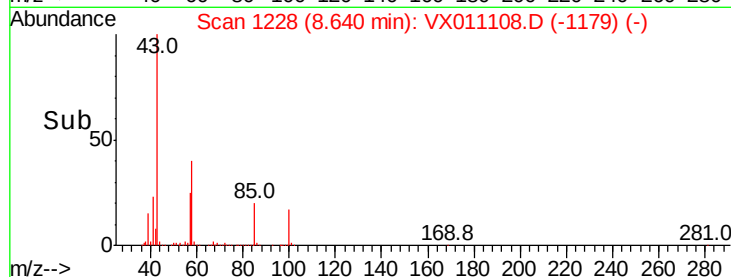
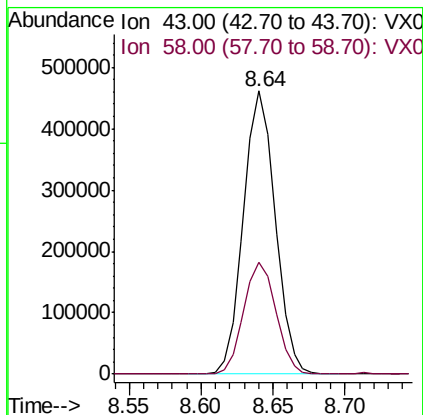
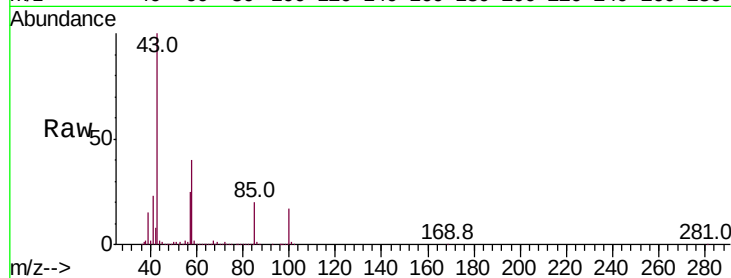
58 40.1 32.2 48.4

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#52

Toluene

Concen: 47.493 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX011108.D

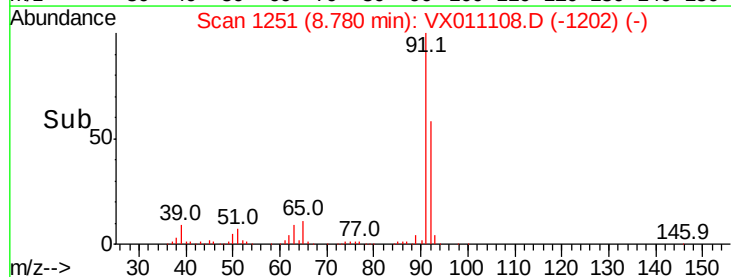
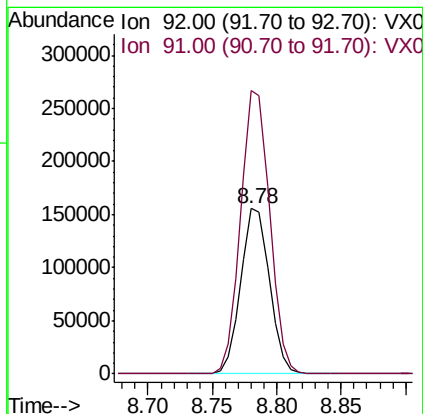
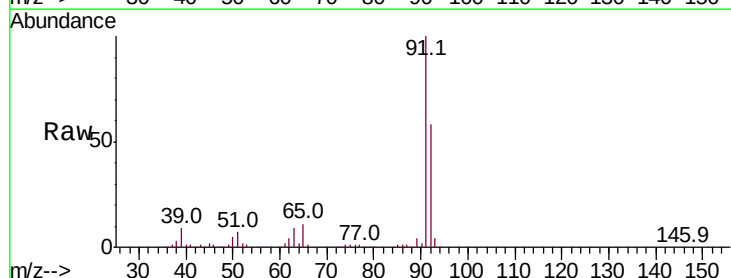
Acq: 26 Jul 2019 22:49

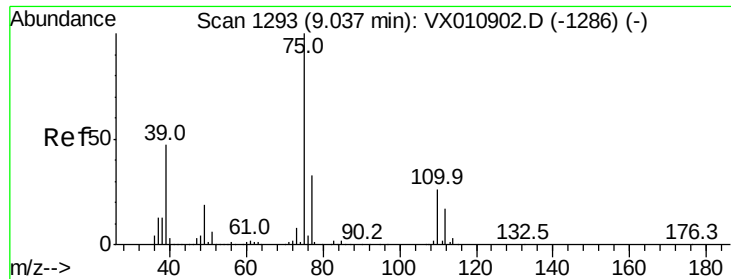
Tgt Ion: 92 Resp: 240709

Ion Ratio Lower Upper

92 100

91 173.9 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 50.076 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX011108.D

Acq: 26 Jul 2019 22:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 134490

Ion Ratio Lower Upper

75 100

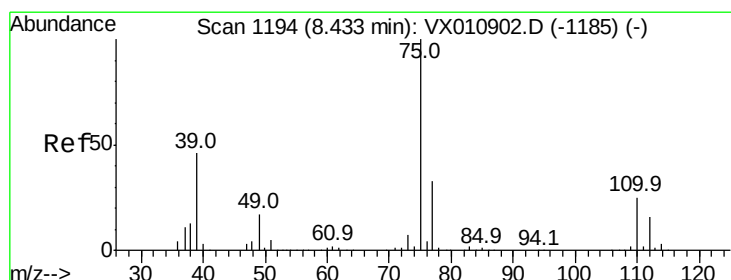
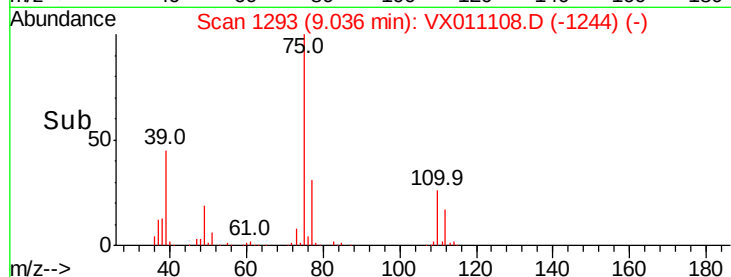
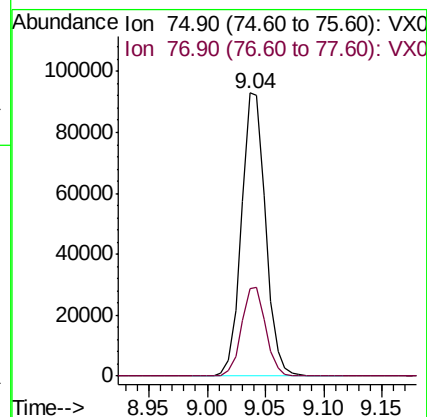
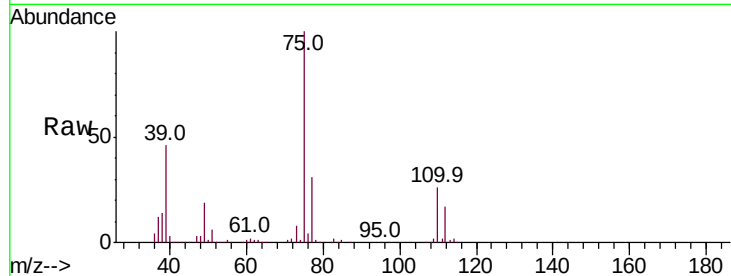
77 30.8 26.2 39.2

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#54

cis-1,3-Dichloropropene

Concen: 48.789 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX011108.D

Acq: 26 Jul 2019 22:49

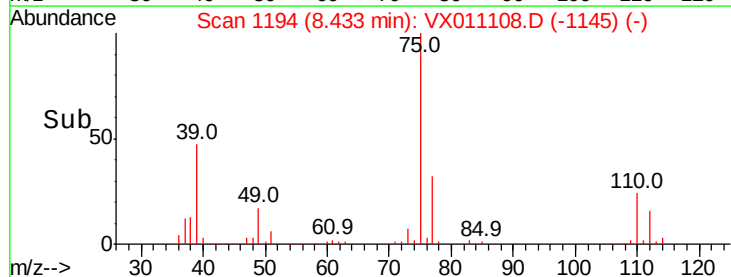
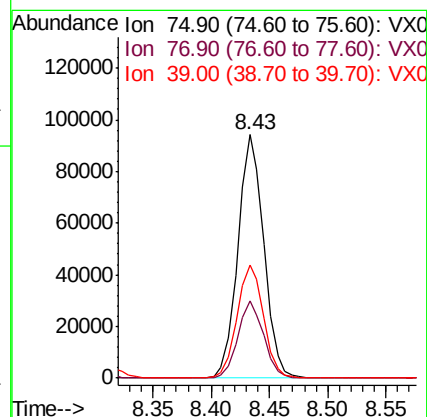
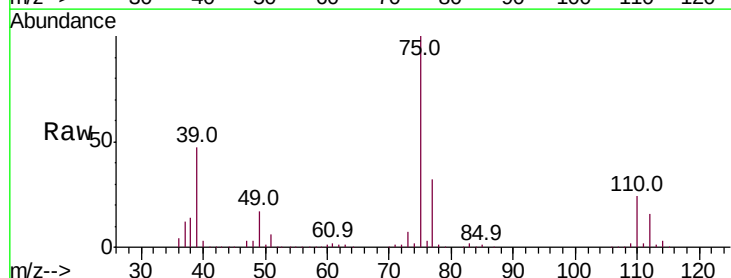
Tgt Ion: 75 Resp: 145805

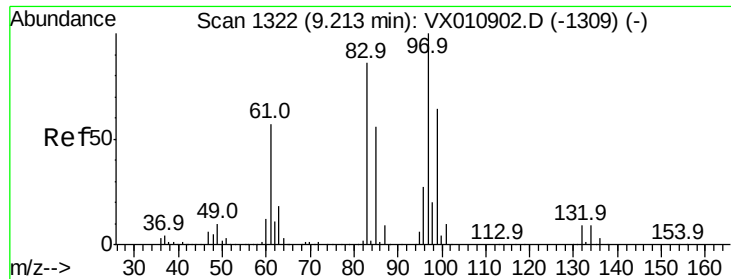
Ion Ratio Lower Upper

75 100

77 31.8 26.1 39.1

39 46.4 36.6 54.8





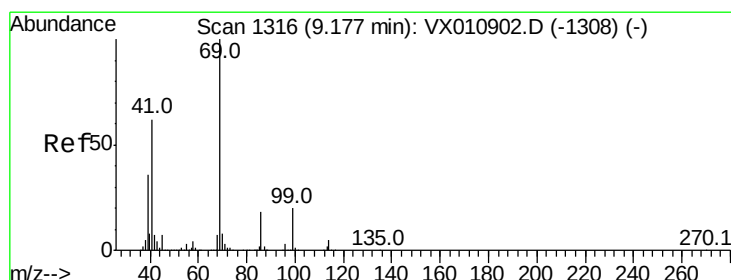
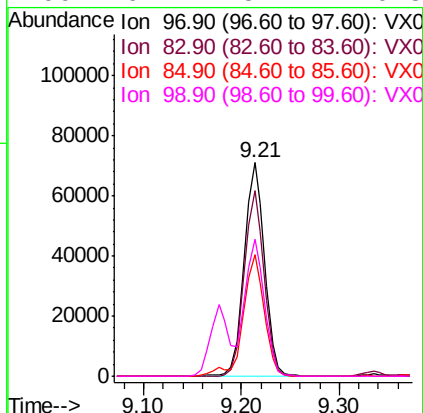
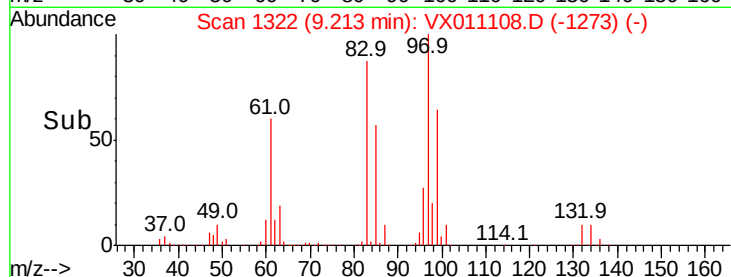
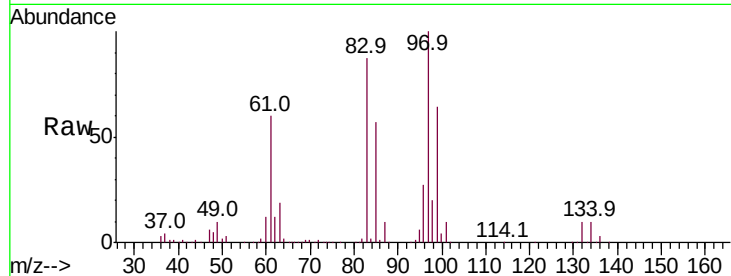
#55
1,1,2-Trichloroethane
Concen: 49.052 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX011108.D
Acq: 26 Jul 2019 22:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	87.1	69.2	103.8
85	56.7	44.6	66.8
99	64.2	51.2	76.8

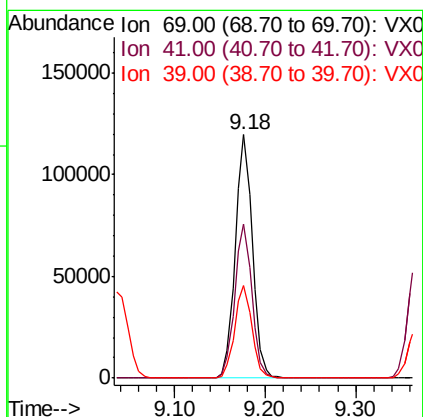
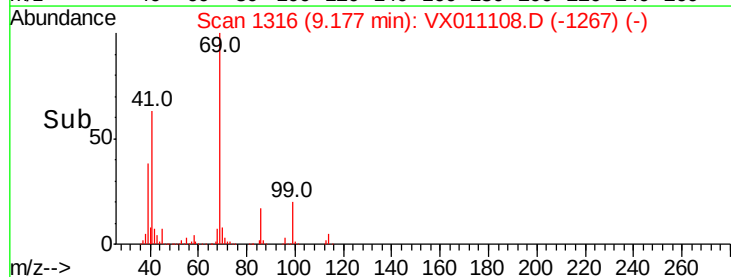
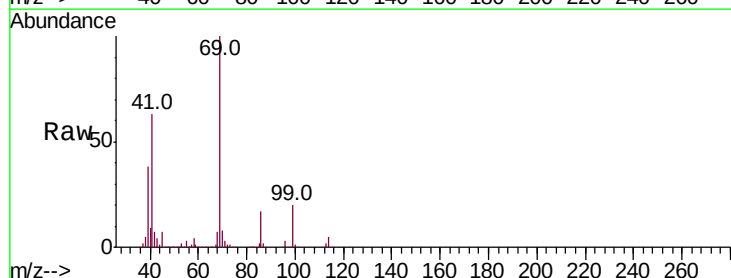
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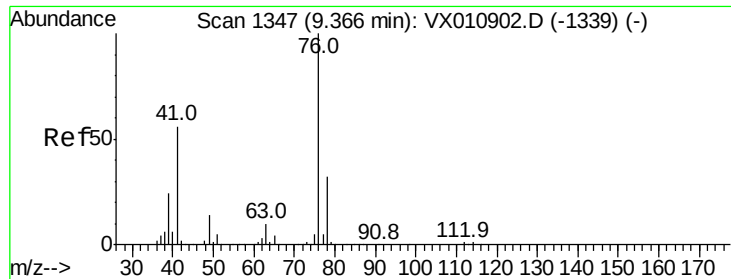
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#56
Ethyl methacrylate
Concen: 51.469 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VX011108.D
Acq: 26 Jul 2019 22:49

Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.2	49.7	74.5
39	37.9	29.6	44.4





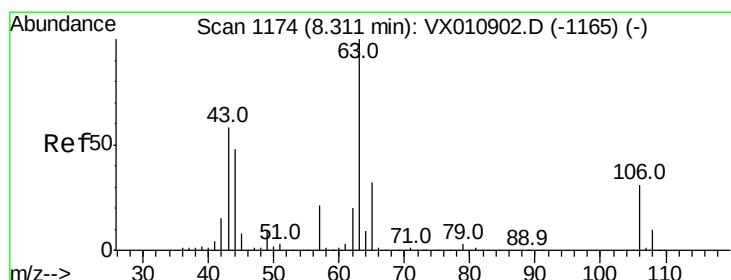
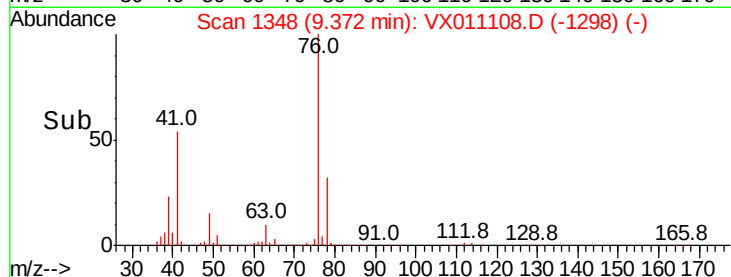
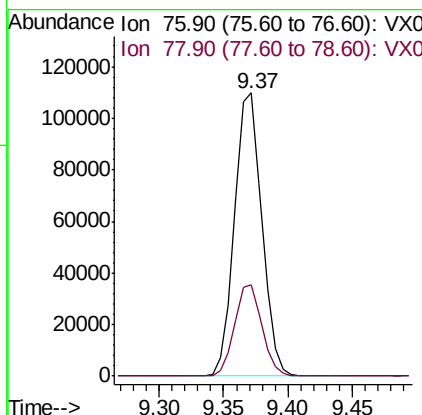
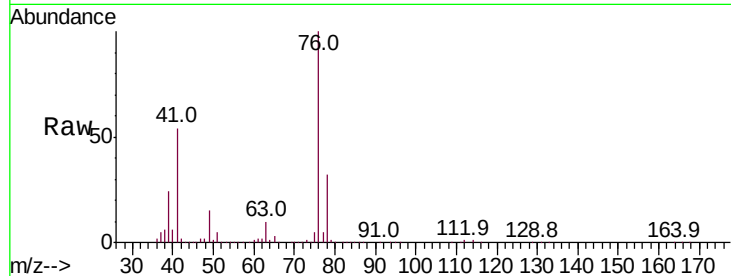
#57
 1,3-Dichloropropane
 Concen: 49.143 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.01 min
 Lab File: VX011108.D
 Acq: 26 Jul 2019 22:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 162688
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.6 38.4

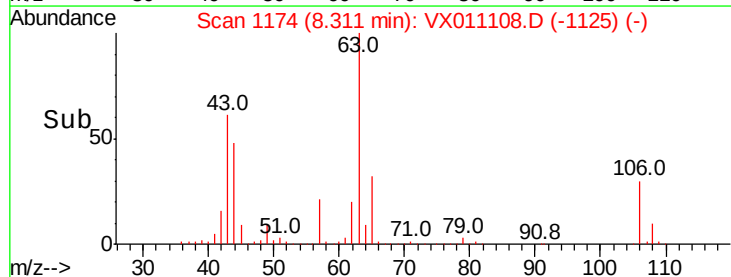
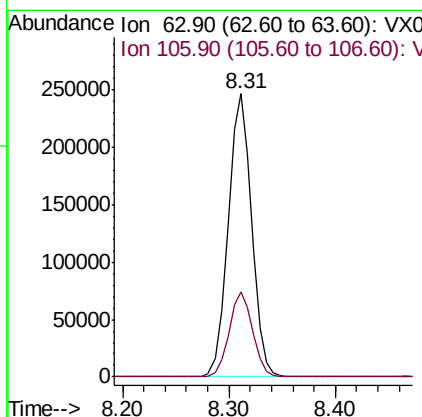
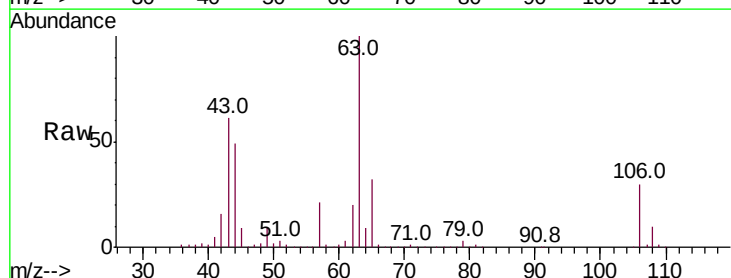
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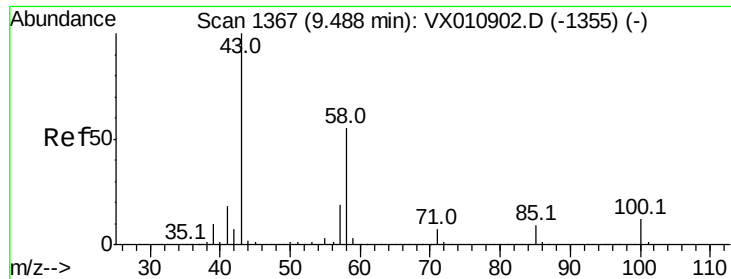
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#58
 2-Chloroethyl Vinyl ether
 Concen: 260.570 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX011108.D
 Acq: 26 Jul 2019 22:49

Tgt Ion: 63 Resp: 379696
 Ion Ratio Lower Upper
 63 100
 106 30.0 24.0 36.0





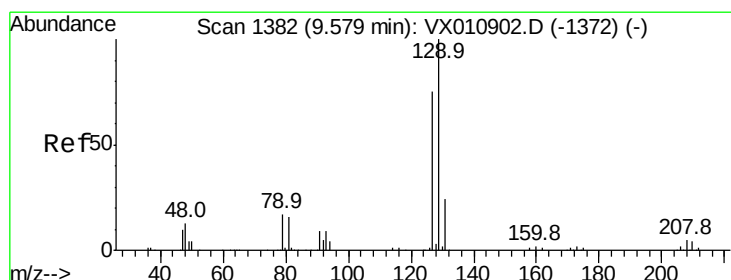
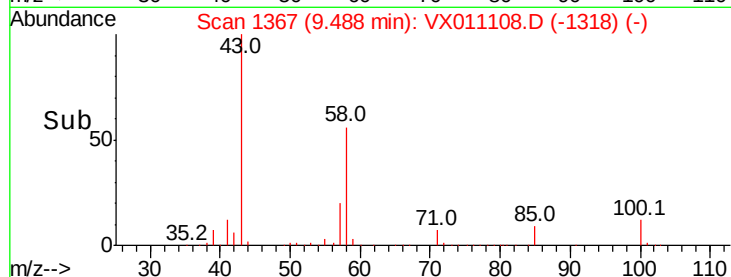
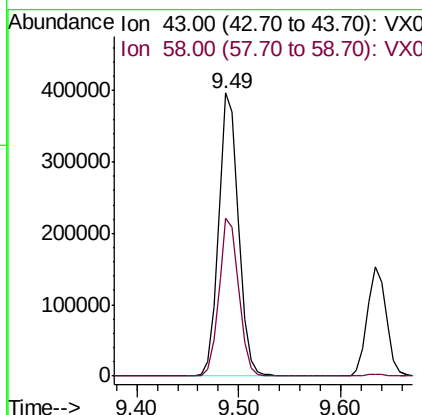
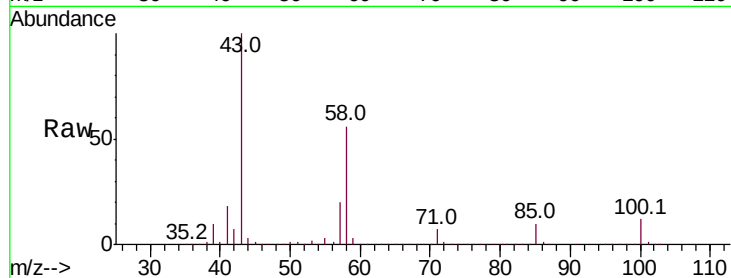
#59
2-Hexanone
Concen: 254.357 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011108.D
Acq: 26 Jul 2019 22:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	58	Ratio	100	Resp	542328
Ion	43	58	Ratio	100	Lower	Upper
					28.0	83.9

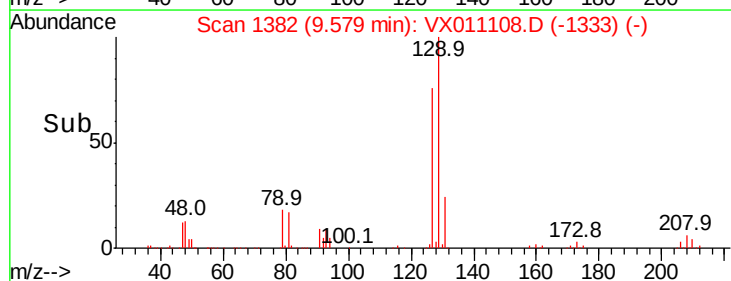
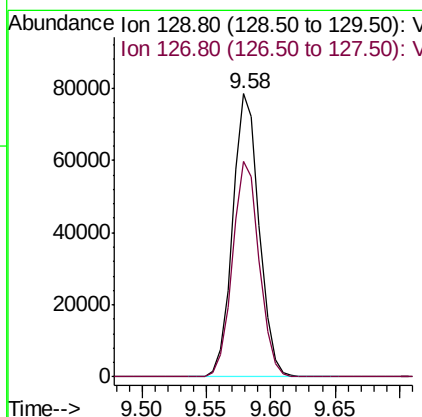
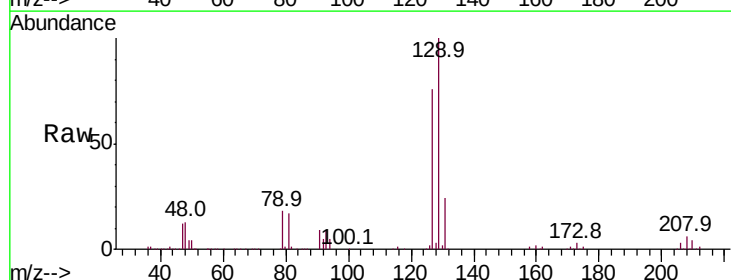
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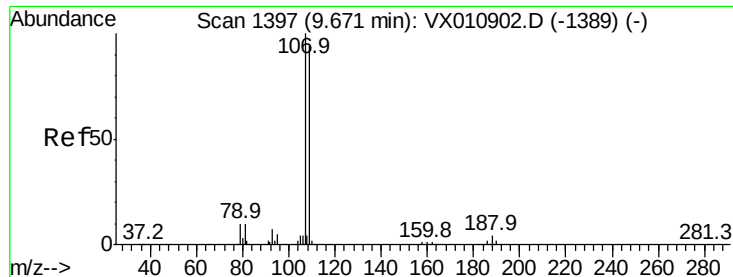
MMDadoda
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#60
Dibromochloromethane
Concen: 46.958 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011108.D
Acq: 26 Jul 2019 22:49

Tgt Ion	129	127	Ratio	100	Resp	112390
Ion	129	127	Ratio	100	Lower	Upper
					38.6	115.8





#61

1,2-Dibromoethane

Concen: 50.071 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011108.D

Acq: 26 Jul 2019 22:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 110892

Ion Ratio Lower Upper

107 100

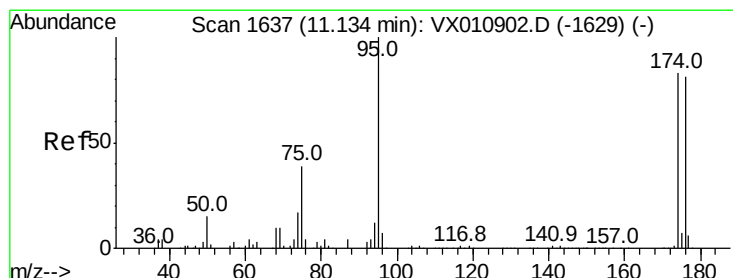
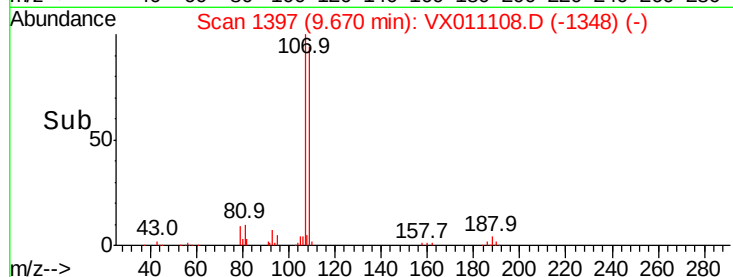
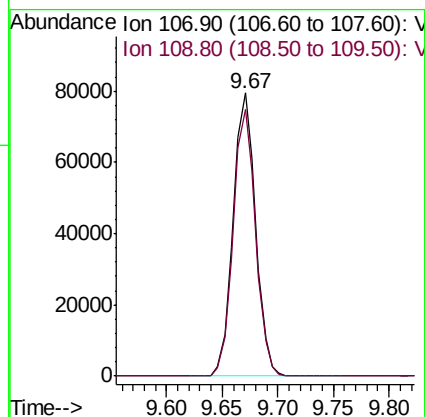
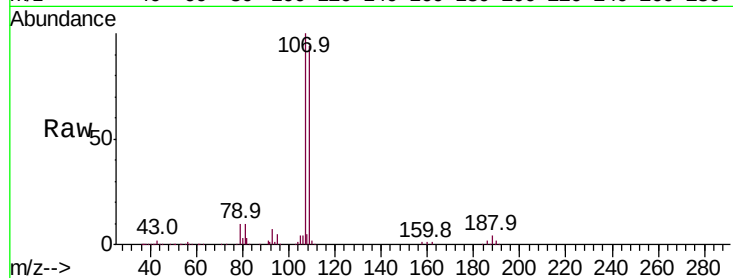
109 93.9 75.4 113.0

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 51.151 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011108.D

Acq: 26 Jul 2019 22:49

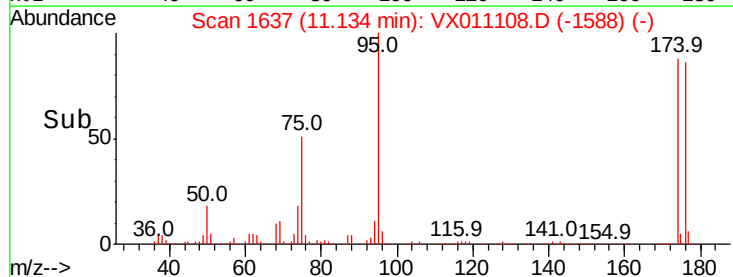
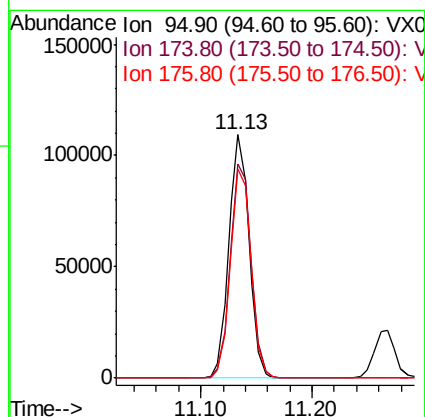
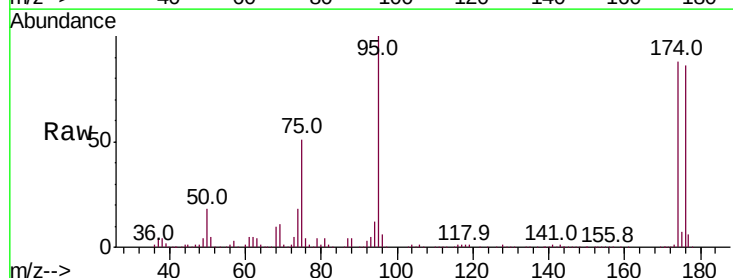
Tgt Ion: 95 Resp: 137244

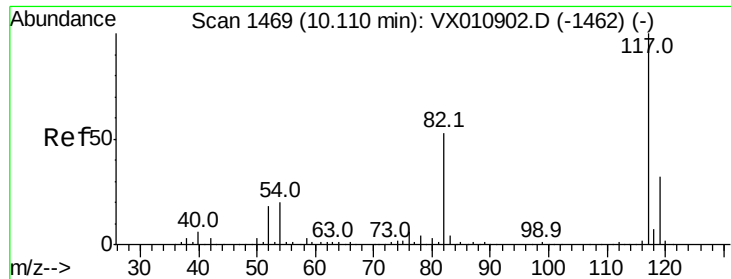
Ion Ratio Lower Upper

95 100

174 90.7 0.0 180.6

176 88.0 0.0 173.8





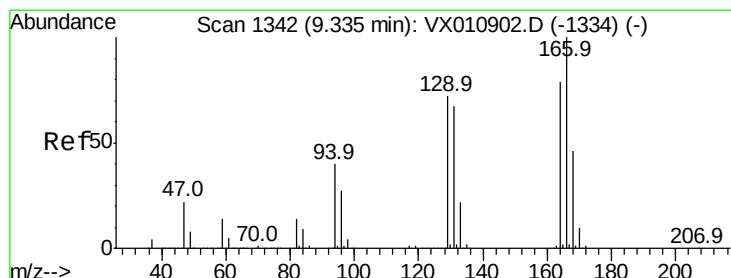
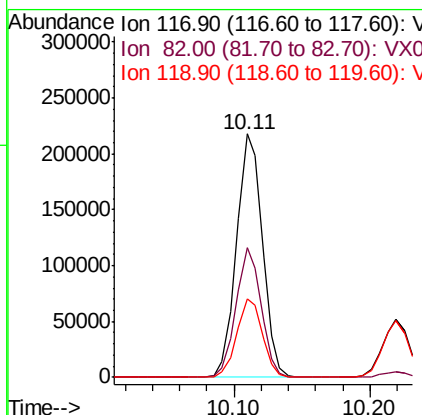
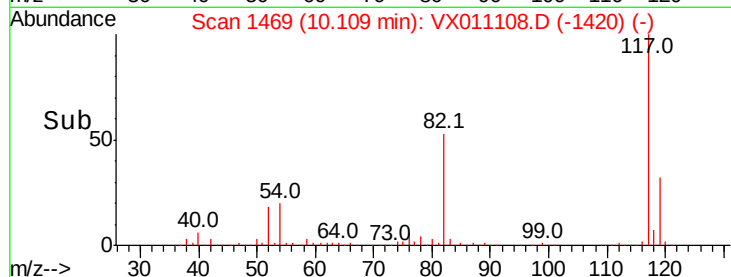
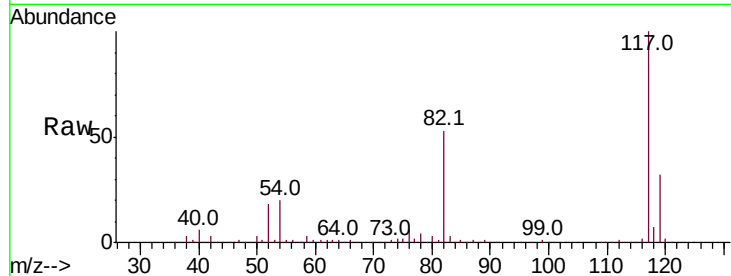
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011108.D
Acq: 26 Jul 2019 22:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	288882		
82	53.4		42.6	63.8
119	32.3		25.9	38.9

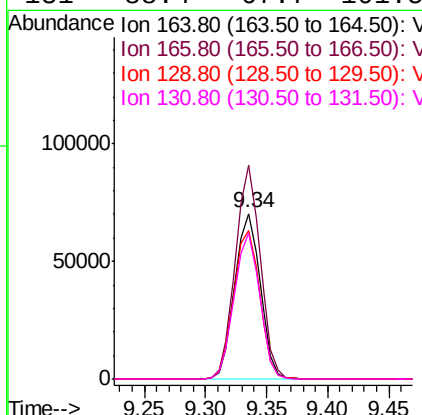
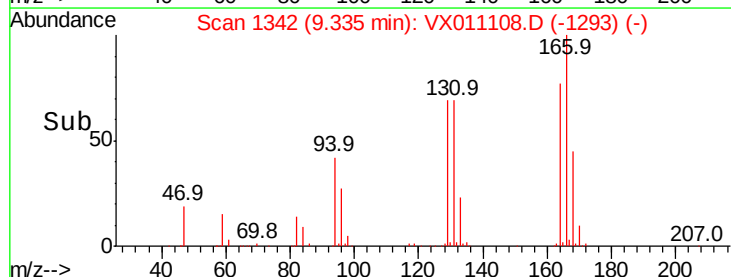
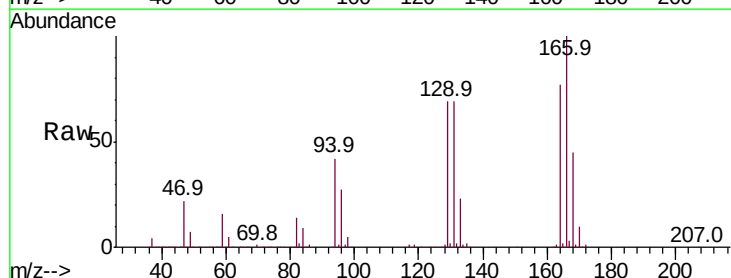
Manual Integrations
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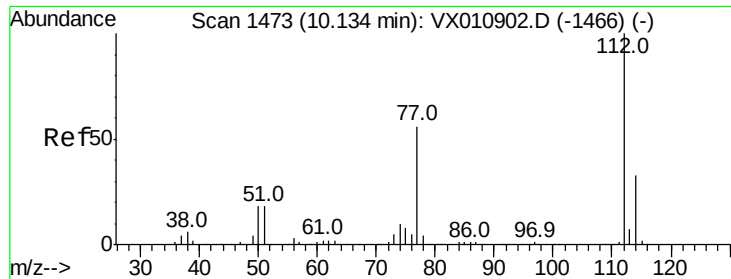
MMDadoda
7/29/2019 11:52:53 AM



#64
Tetrachloroethene
Concen: 44.728 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX011108.D
Acq: 26 Jul 2019 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	101649		
166	129.0		100.8	151.2
129	89.5		72.6	109.0
131	88.4		67.7	101.5





#65

Chlorobenzene

Concen: 46.976 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX011108.D

Acq: 26 Jul 2019 22:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 278725

Ion Ratio Lower Upper

112 100

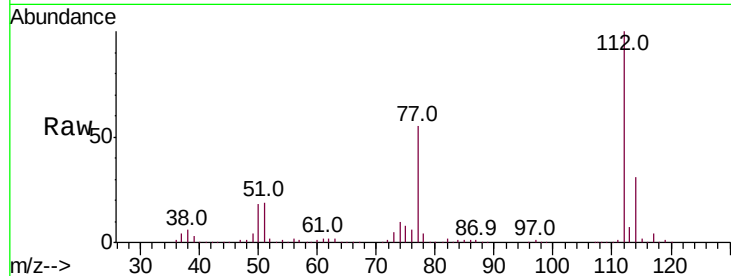
114 31.4 26.2 39.4

Manual Integrations

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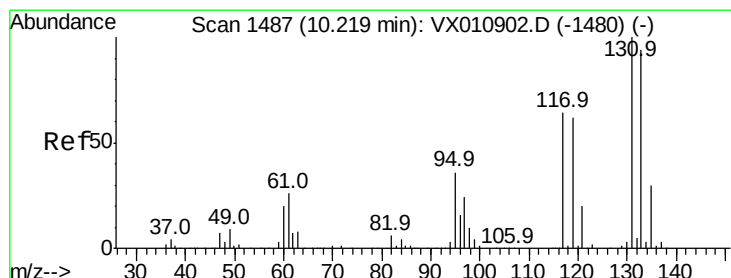
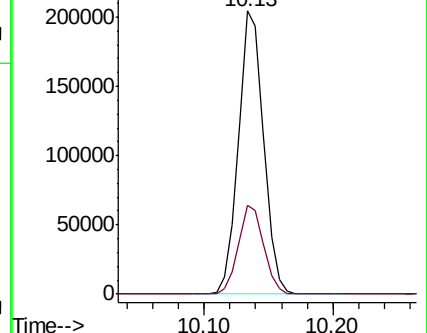
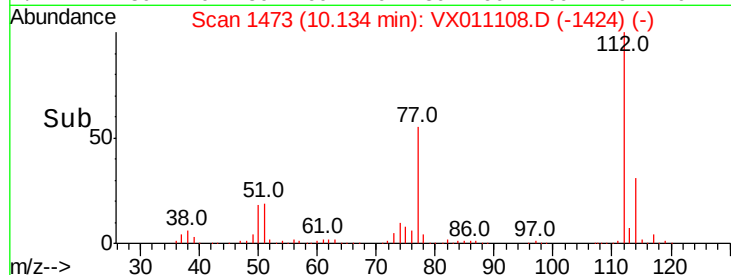
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.127 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX011108.D

Acq: 26 Jul 2019 22:49

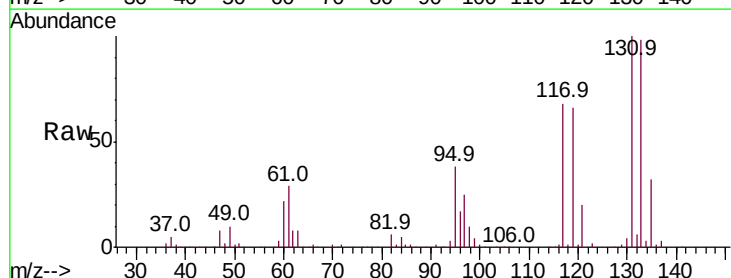
Tgt Ion:131 Resp: 102446

Ion Ratio Lower Upper

131 100

133 96.5 47.1 141.4

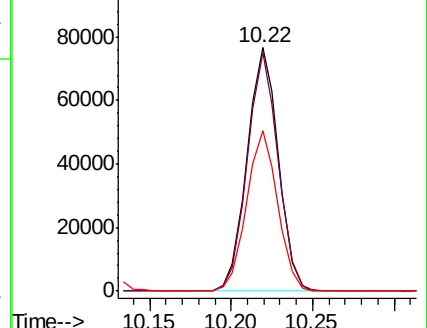
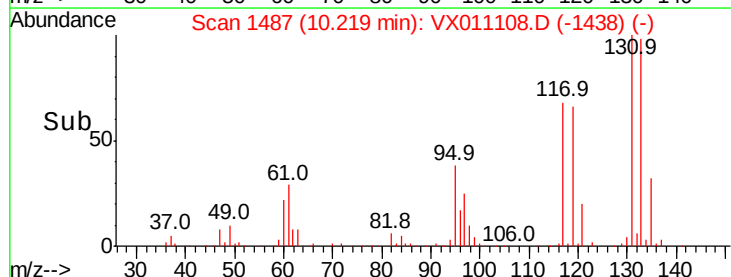
119 65.6 31.9 95.7

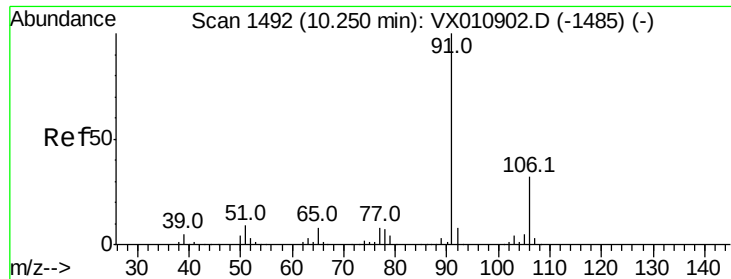


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 47.217 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX011108.D

Acq: 26 Jul 2019 22:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 476861

Ion Ratio Lower Upper

91 100

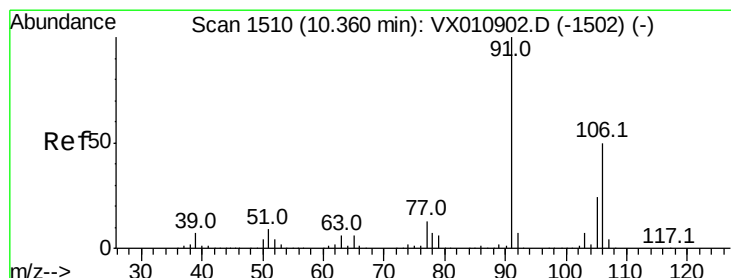
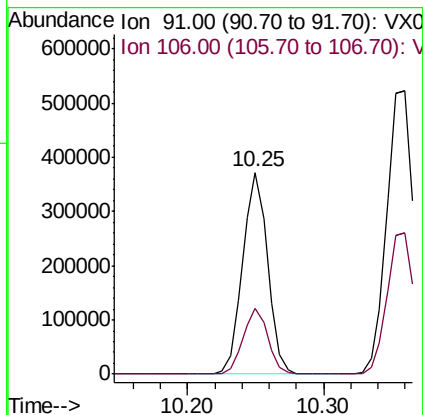
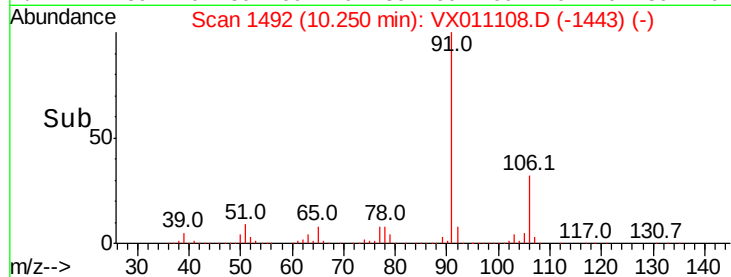
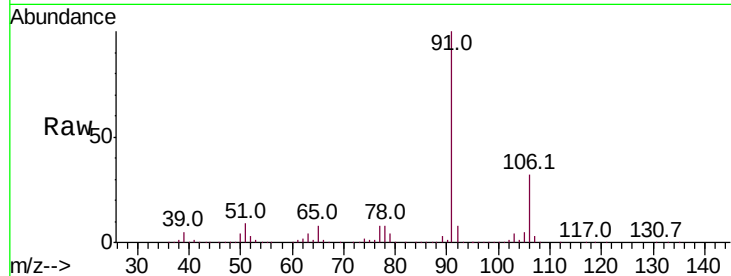
106 32.4 25.4 38.2

Manual Integrations

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#68

m/p-Xylenes

Concen: 93.669 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX011108.D

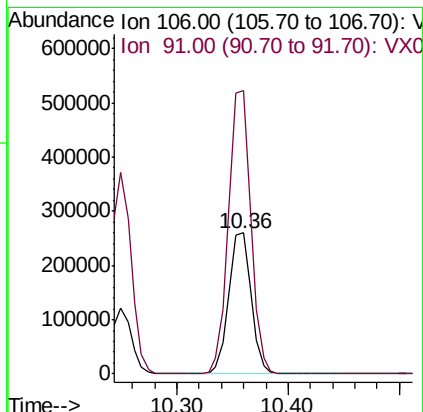
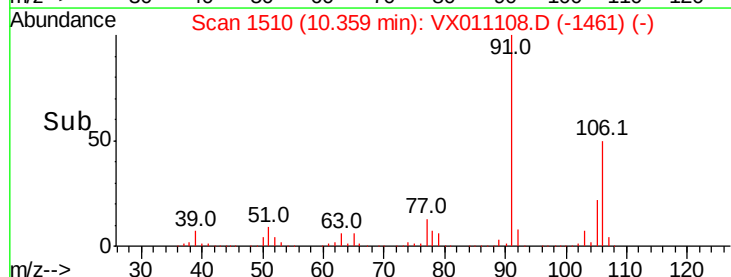
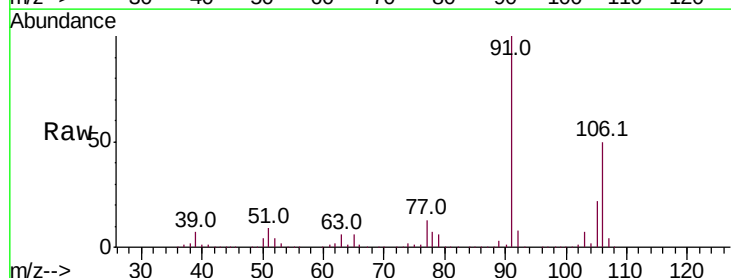
Acq: 26 Jul 2019 22:49

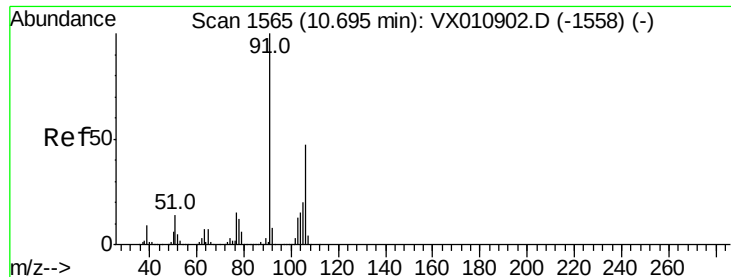
Tgt Ion: 106 Resp: 362876

Ion Ratio Lower Upper

106 100

91 200.9 160.1 240.1





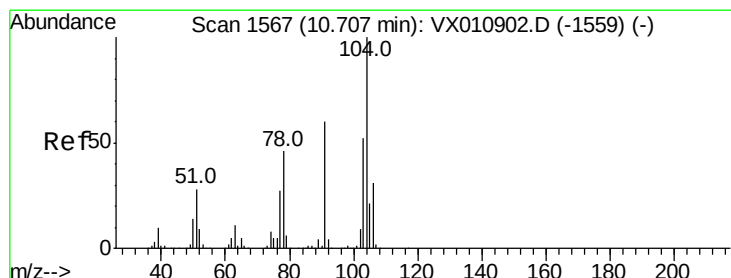
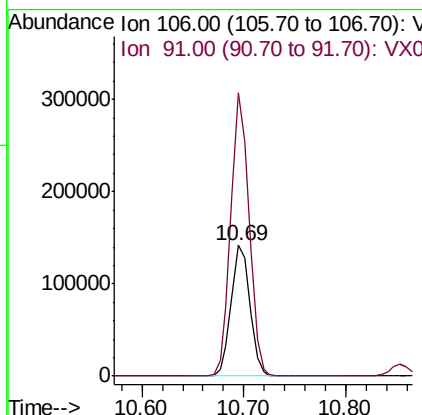
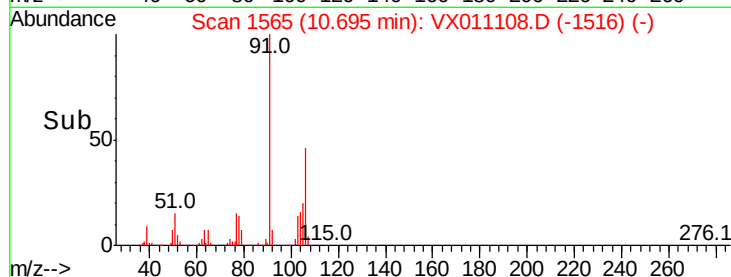
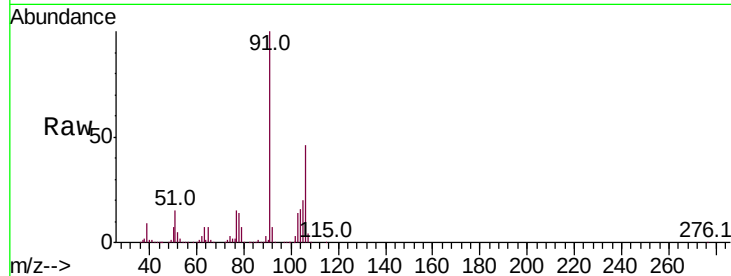
#69
o-Xylene
Concen: 47.414 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011108.D
Acq: 26 Jul 2019 22:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.8	105.1	315.3

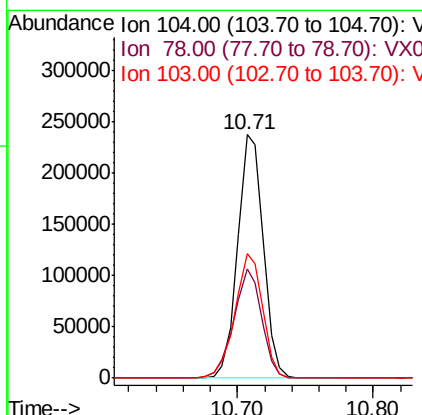
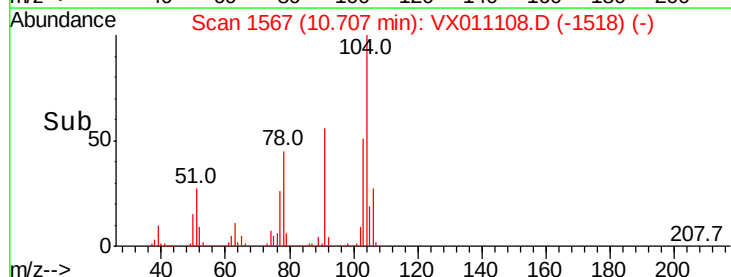
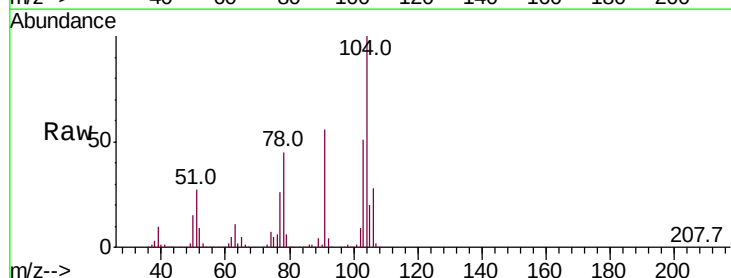
Manual Integrations
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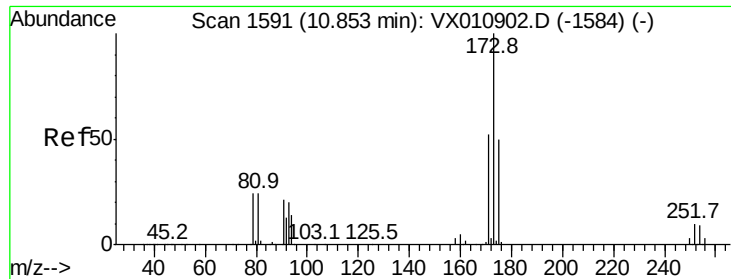
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#70
Styrene
Concen: 49.427 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011108.D
Acq: 26 Jul 2019 22:49

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.6	38.8	58.2
103	55.2	44.2	66.4





#71

Bromoform

Concen: 46.031 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011108.D

Acq: 26 Jul 2019 22:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 86994

Ion Ratio Lower Upper

173 100

175 47.8 24.6 73.6

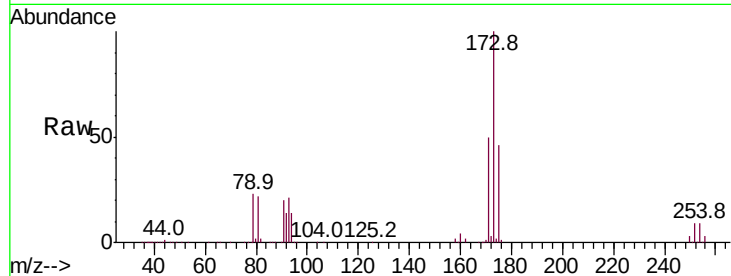
254 0.1 0.1 0.1

Manual Integrations

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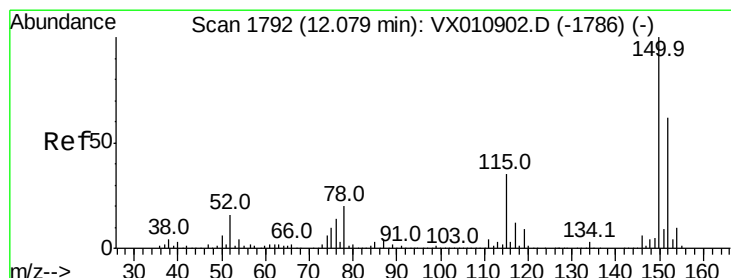
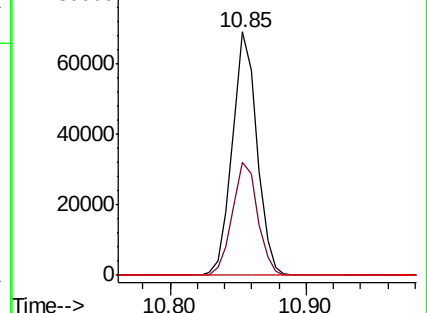
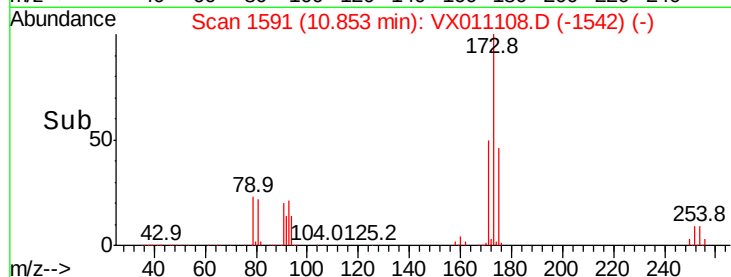
7/29/2019 11:52:53 AM



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: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX011108.D

Acq: 26 Jul 2019 22:49

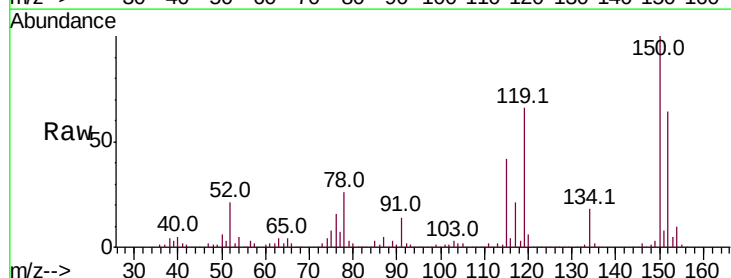
Tgt Ion:152 Resp: 152128

Ion Ratio Lower Upper

152 100

115 79.2 39.7 119.1

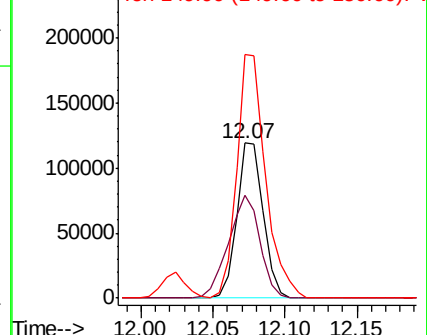
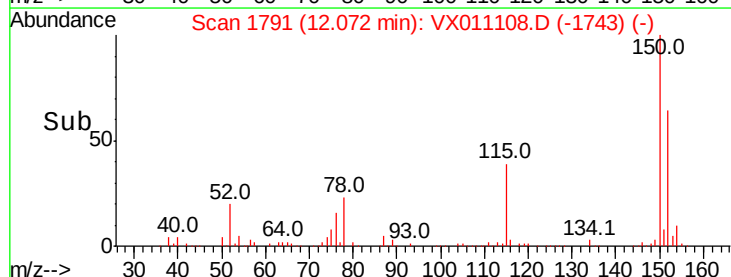
150 171.8 0.0 345.6

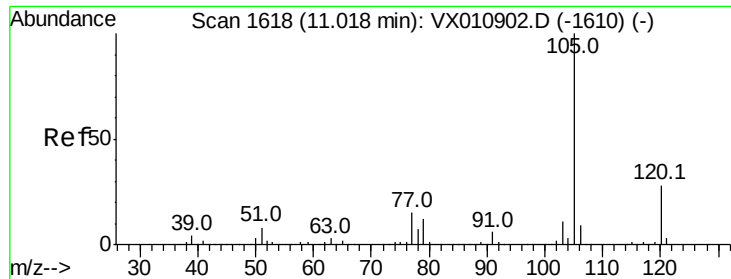


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.516 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011108.D

Acq: 26 Jul 2019 22:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 488428

Ion Ratio Lower Upper

105 100

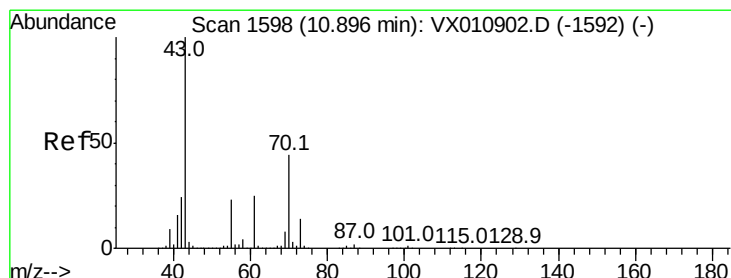
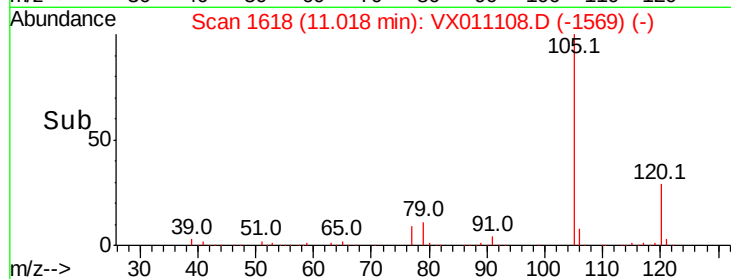
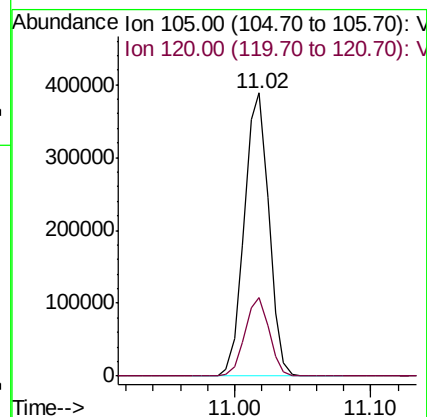
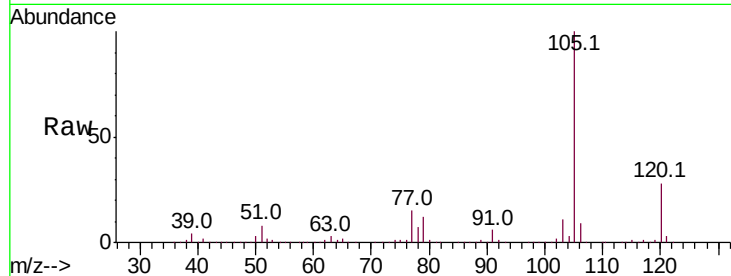
120 27.4 13.7 41.1

Manual Integrations

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#74

N-ethyl acetate

Concen: 49.033 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011108.D

Acq: 26 Jul 2019 22:49

Tgt Ion: 43 Resp: 192582

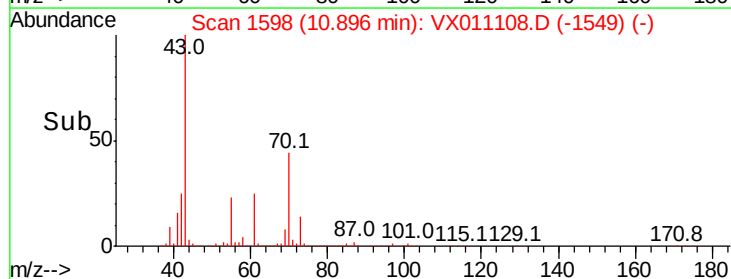
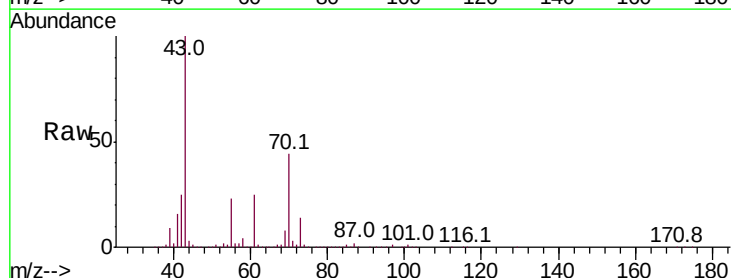
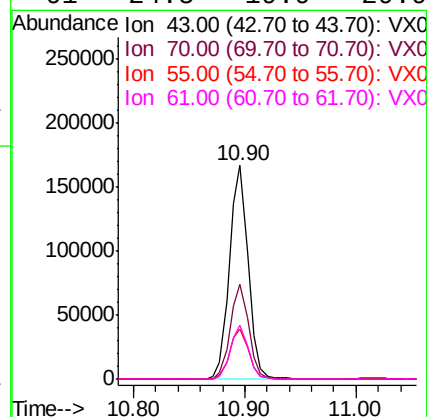
Ion Ratio Lower Upper

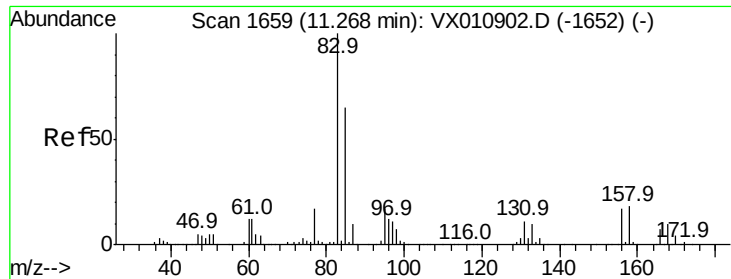
43 100

70 43.8 34.7 52.1

55 24.1 19.1 28.7

61 24.5 19.9 29.9





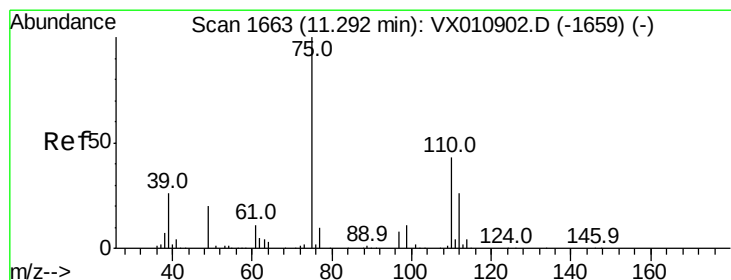
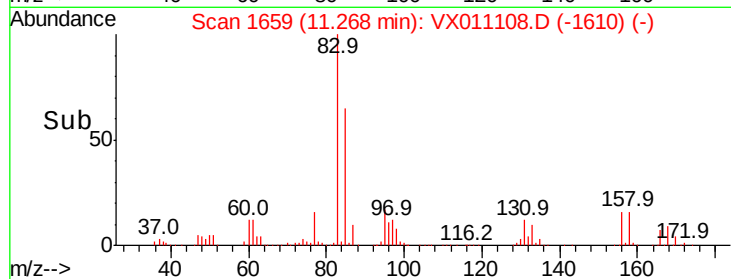
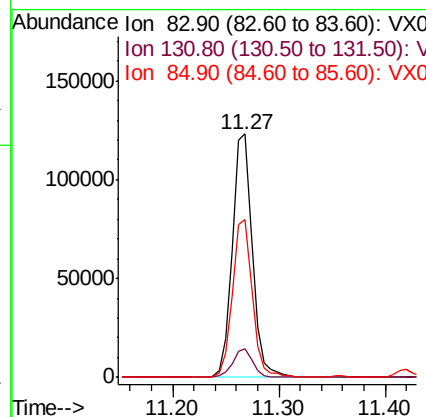
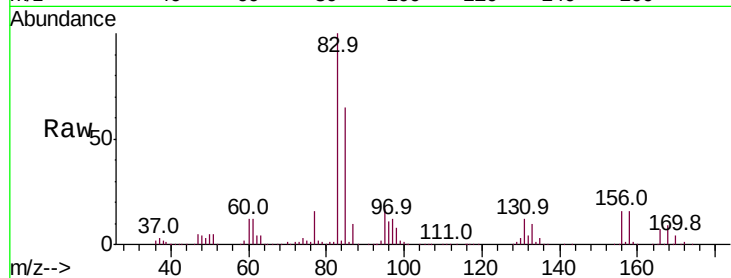
#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.554 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX011108.D
 Acq: 26 Jul 2019 22:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	163334		
131	11.5	5.5	16.4	
85	64.4	32.3	96.9	

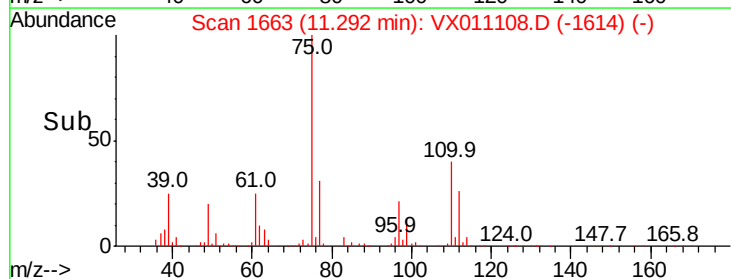
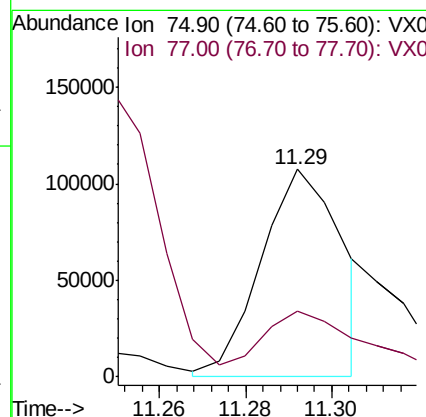
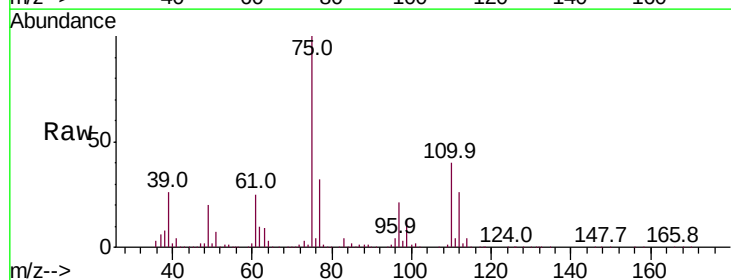
Manual Integrations
 APPROVED

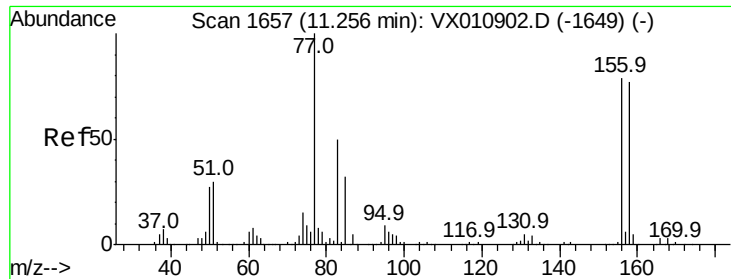
MMDadoda
 7/29/2019 11:52:53 AM



#76
 1,2,3-Trichloropropane
 Concen: 50.565 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX011108.D
 Acq: 26 Jul 2019 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	138813		
77	41.3	21.3	64.0	





#77

Bromobenzene

Concen: 46.577 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011108.D

Acq: 26 Jul 2019 22:49

Instrument :

MSVOA_X

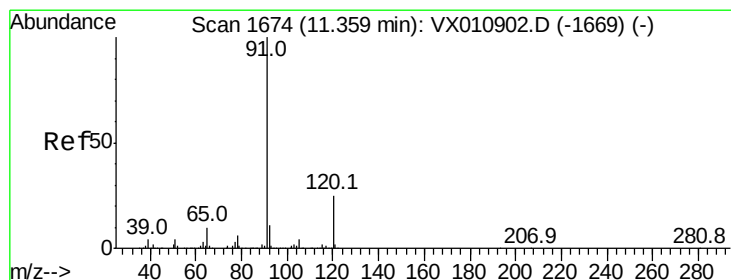
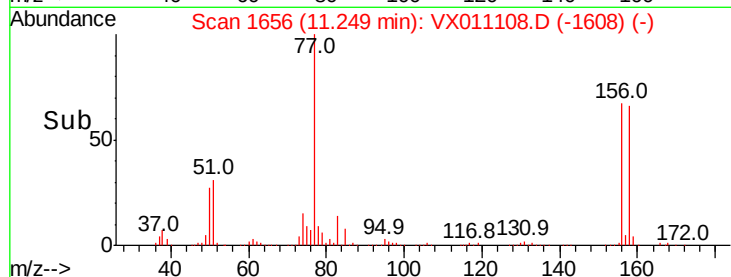
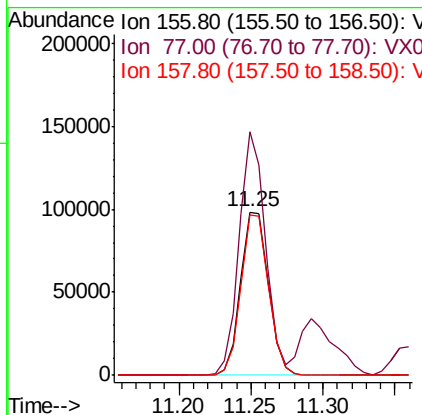
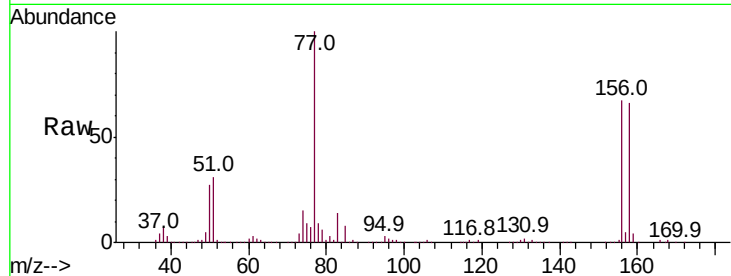
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	132064
Ion Ratio	Lower	Upper	
156	100		
77	140.6	68.7	206.1
158	97.0	47.9	143.7

Manual Integrations
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#78

n-propylbenzene

Concen: 47.748 ug/l

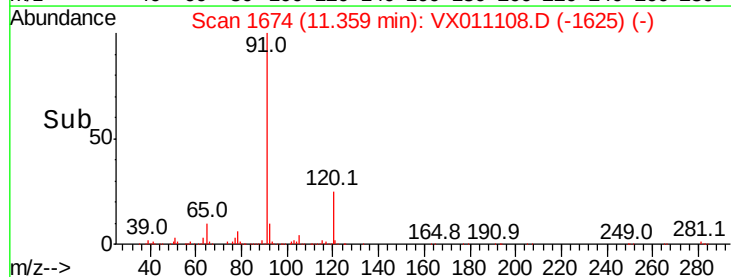
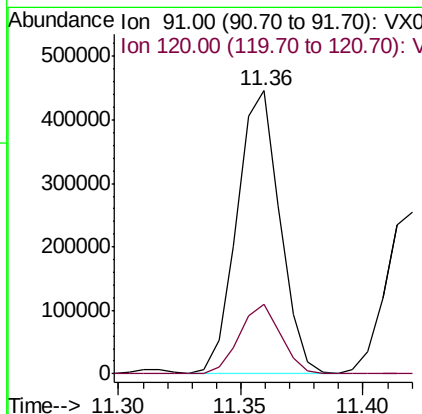
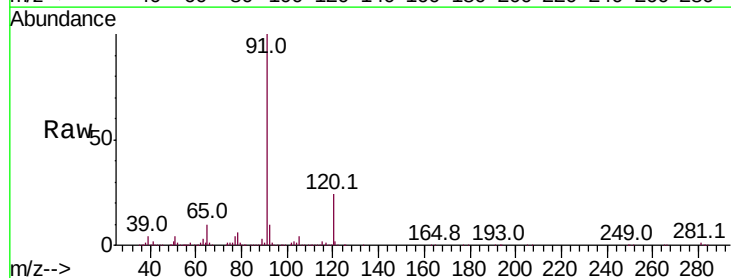
RT: 11.36 min Scan# 1674

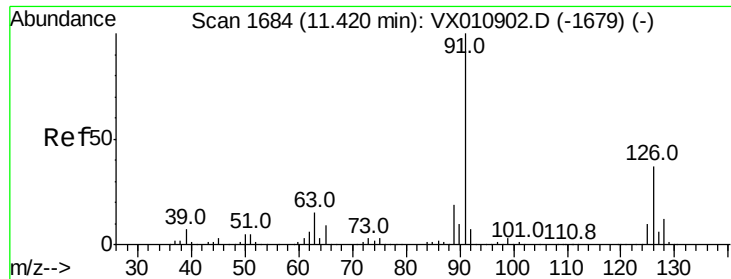
Delta R.T. -0.00 min

Lab File: VX011108.D

Acq: 26 Jul 2019 22:49

Tgt Ion:	91	Resp:	542306
Ion Ratio	Lower	Upper	
91	100		
120	24.0	12.3	36.8





#79

2-Chlorotoluene

Concen: 47.218 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX011108.D

Acq: 26 Jul 2019 22:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 322158

Ion Ratio Lower Upper

91 100

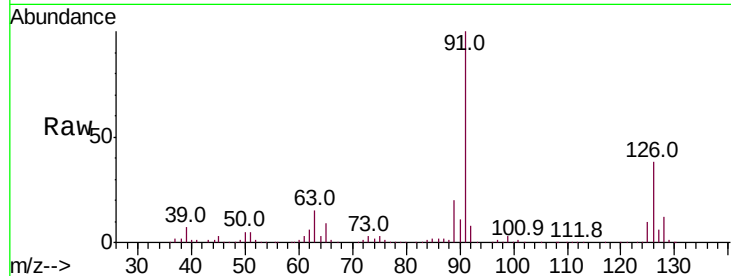
126 36.7 18.0 54.0

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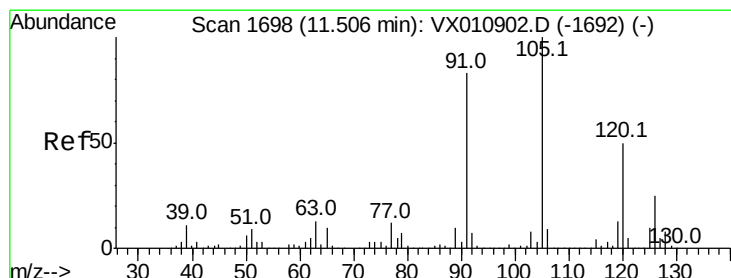
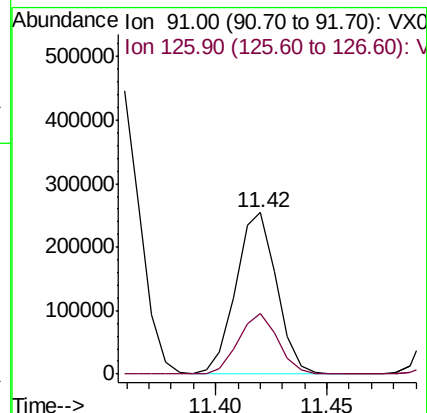
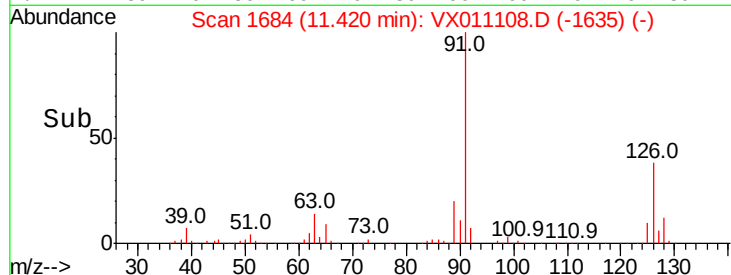
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX011108.D (-1635) (-)

Ion 125.90 (125.60 to 126.60): VX011108.D (-1635) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.223 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011108.D

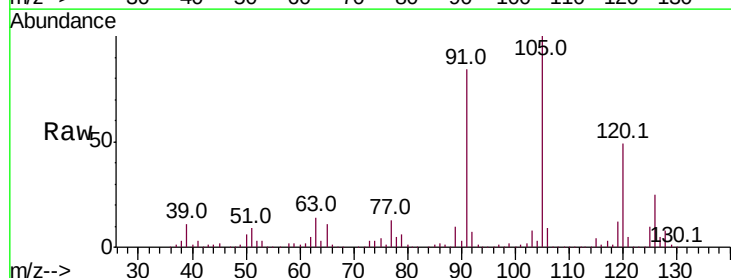
Acq: 26 Jul 2019 22:49

Tgt Ion: 105 Resp: 414204

Ion Ratio Lower Upper

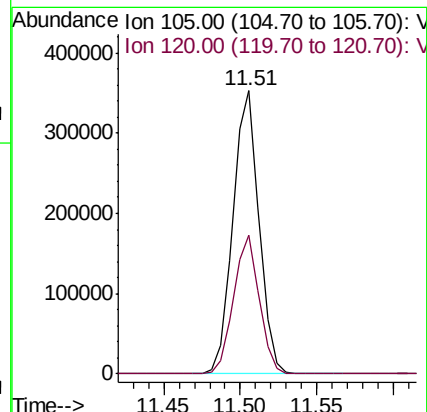
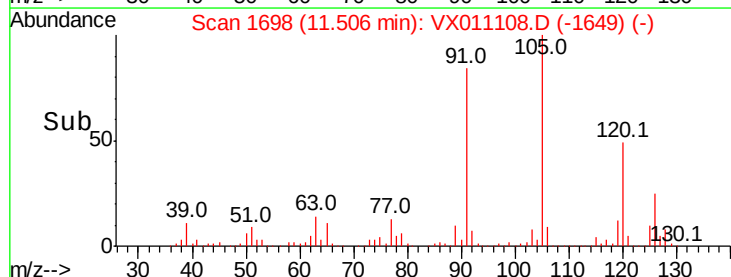
105 100

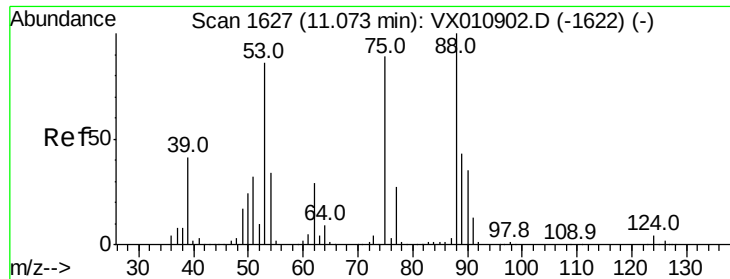
120 48.4 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): VX011108.D (-1649) (-)

Ion 120.00 (119.70 to 120.70): VX011108.D (-1649) (-)





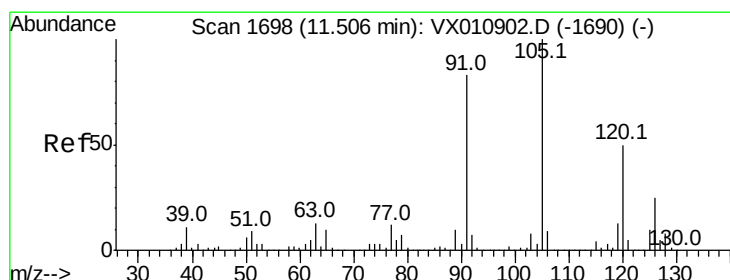
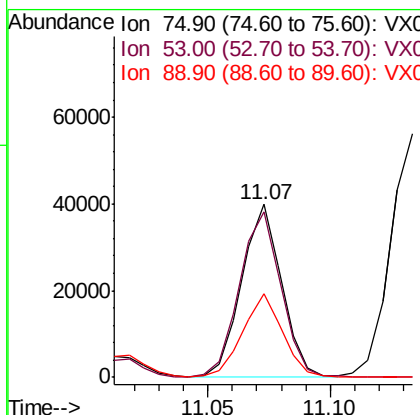
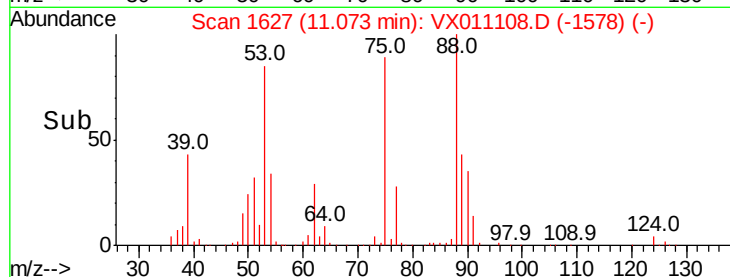
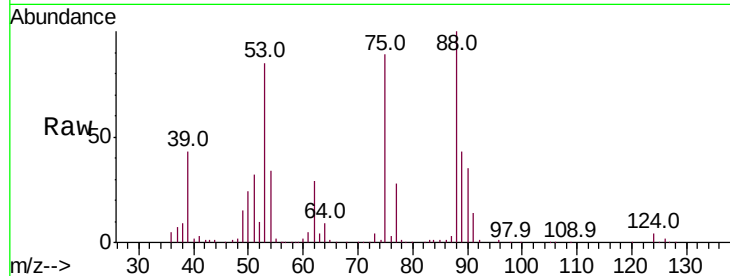
#81
trans-1,4-Dichloro-2-butene
Concen: 42.860 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011108.D
Acq: 26 Jul 2019 22:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.5	76.7	115.1
89	48.4	38.5	57.7

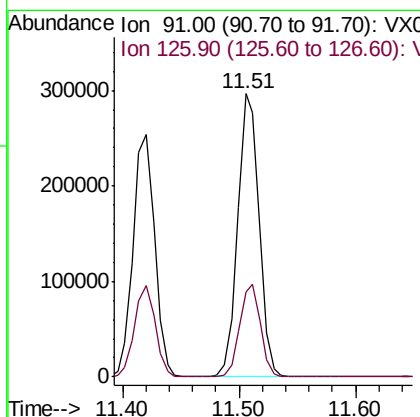
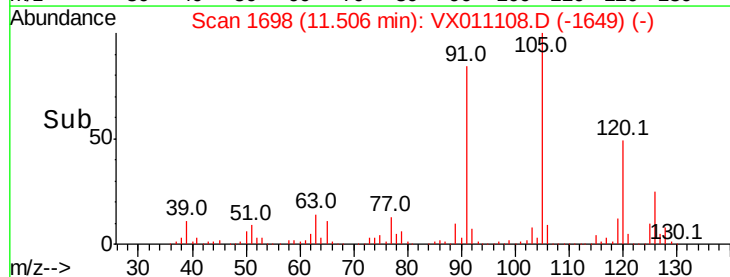
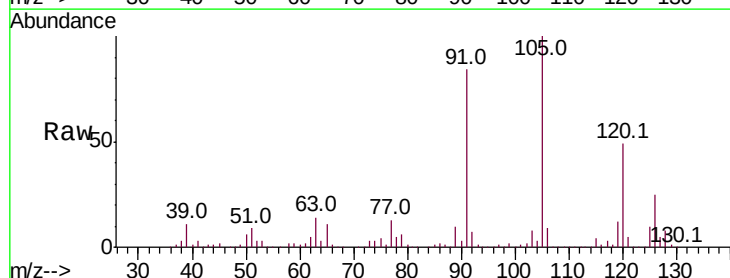
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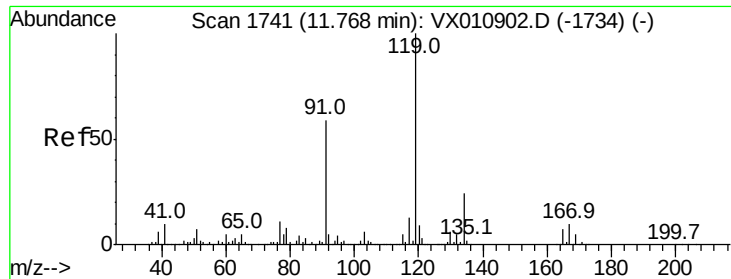
MMDadoda
7/29/2019 11:52:53 AM



#82
4-Chlorotoluene
Concen: 47.654 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX011108.D
Acq: 26 Jul 2019 22:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.9	15.9	47.7





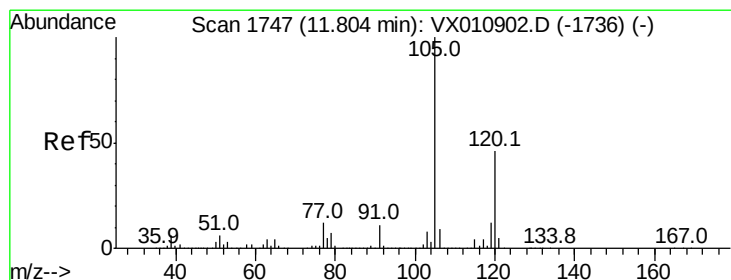
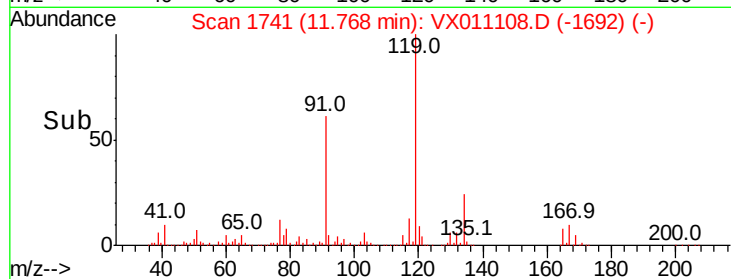
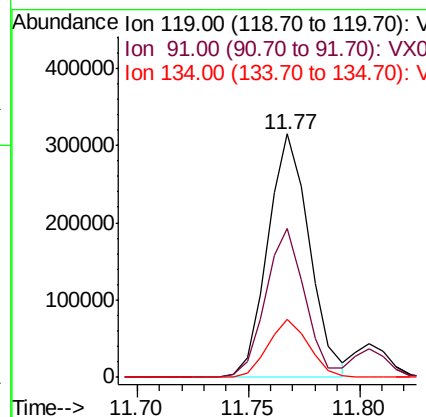
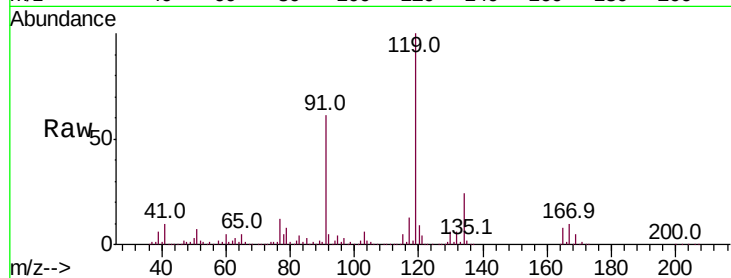
#83
tert-Butylbenzene
Concen: 48.500 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX011108.D
Acq: 26 Jul 2019 22:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.1	28.6	85.8
134	23.1	11.6	34.8

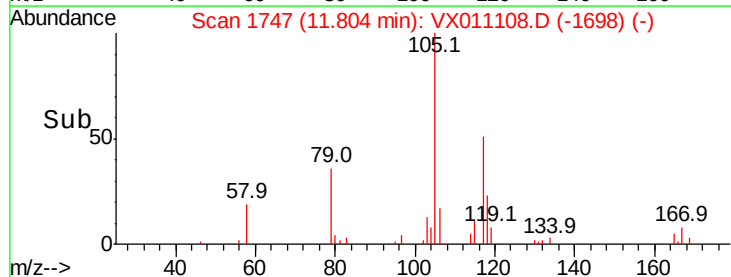
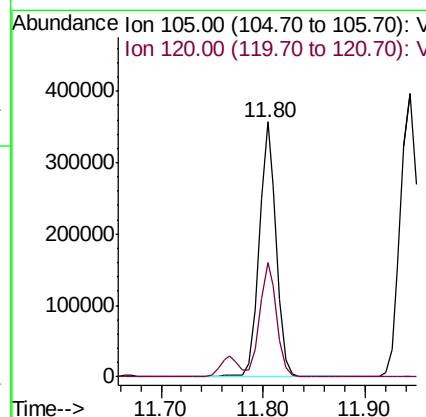
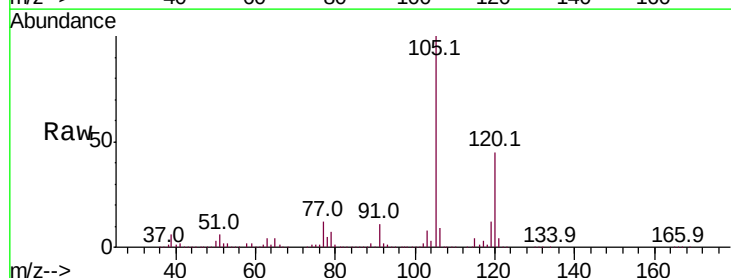
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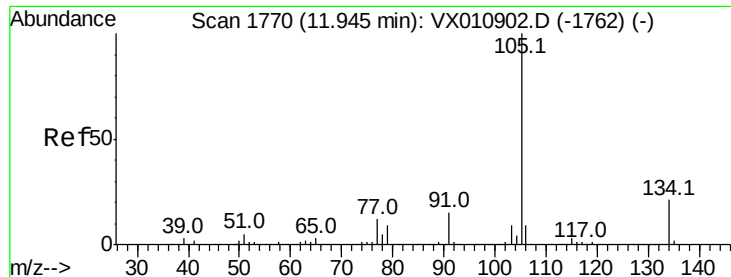
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#84
1,2,4-Trimethylbenzene
Concen: 48.099 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX011108.D
Acq: 26 Jul 2019 22:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.9	68.5





#85

sec-Butylbenzene

Concen: 48.376 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011108.D

Acq: 26 Jul 2019 22:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 478239

Ion Ratio Lower Upper

105 100

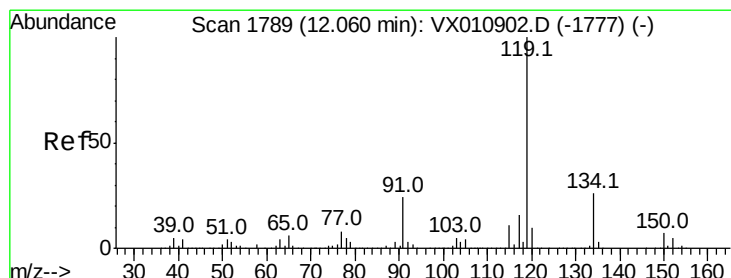
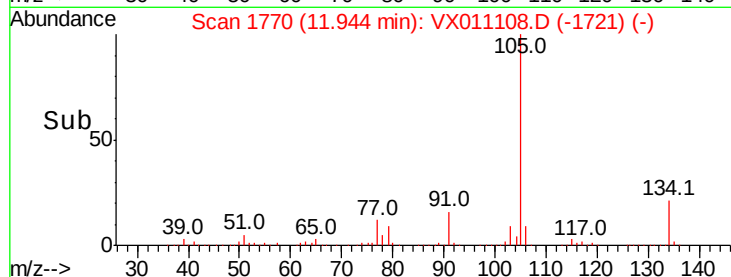
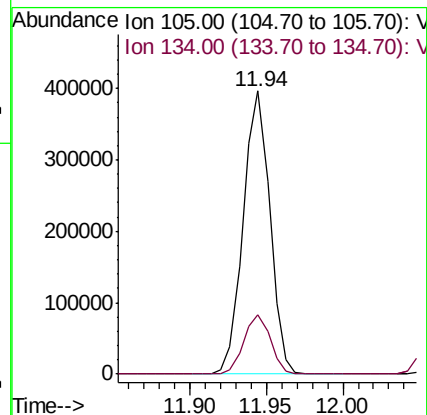
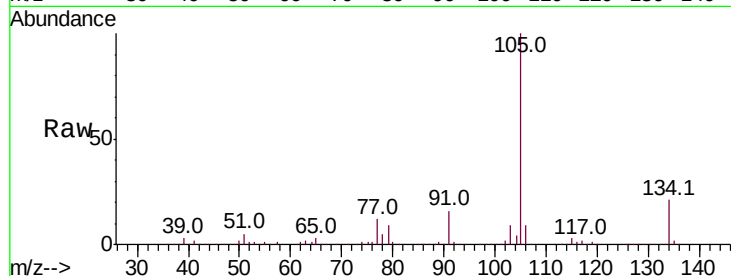
134 21.1 10.4 31.4

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#86

p-Isopropyltoluene

Concen: 48.796 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011108.D

Acq: 26 Jul 2019 22:49

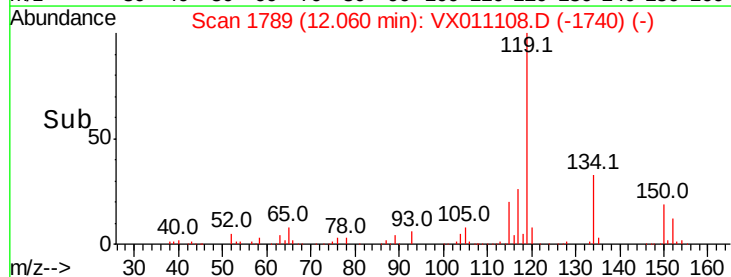
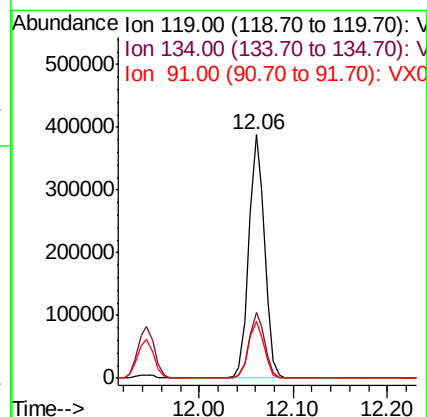
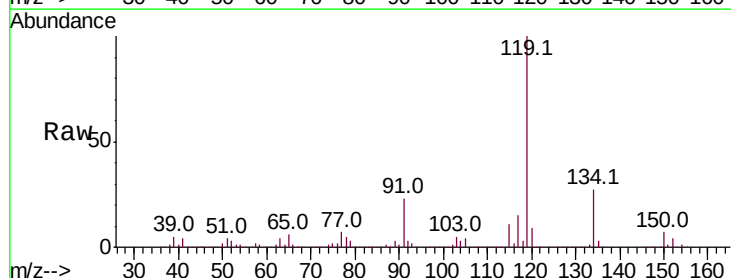
Tgt Ion:119 Resp: 445965

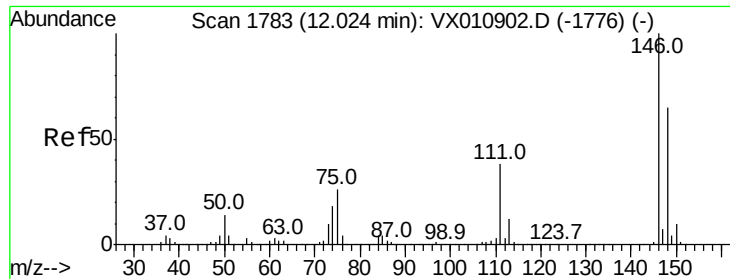
Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

91 23.4 11.8 35.4





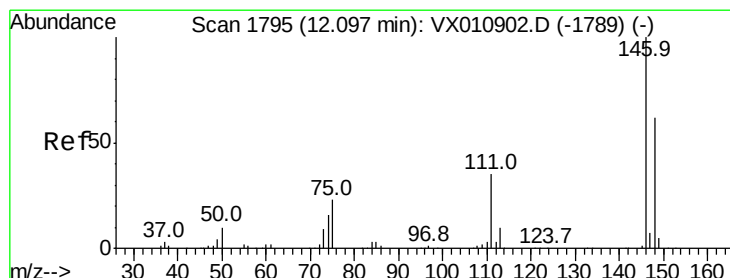
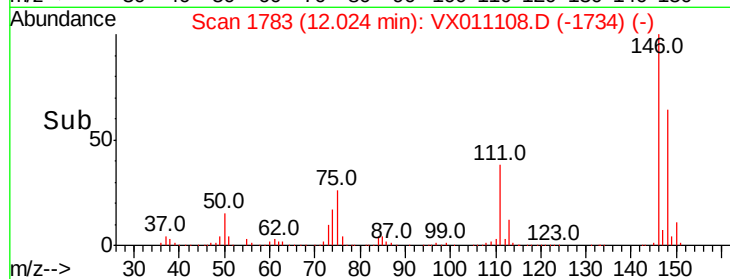
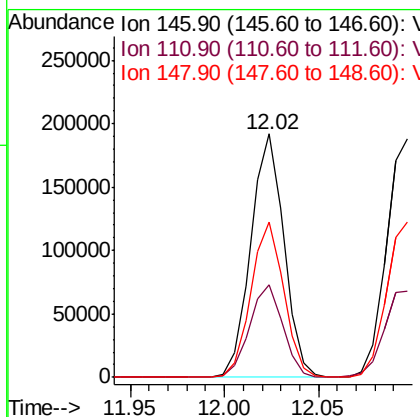
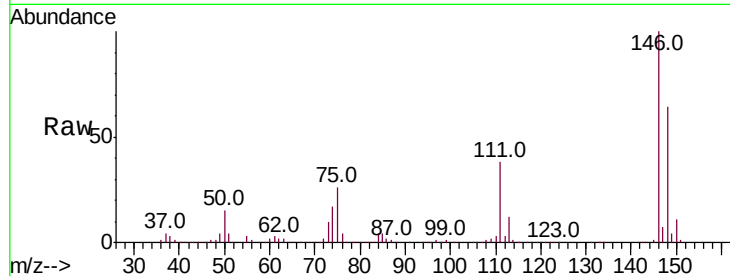
#87
 1,3-Dichlorobenzene
 Concen: 47.527 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX011108.D
 Acq: 26 Jul 2019 22:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.9	56.9
148	63.4	32.2	96.6

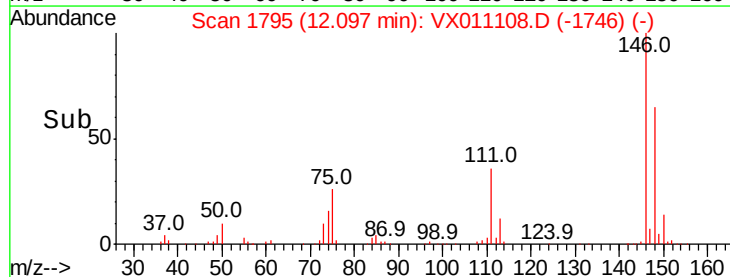
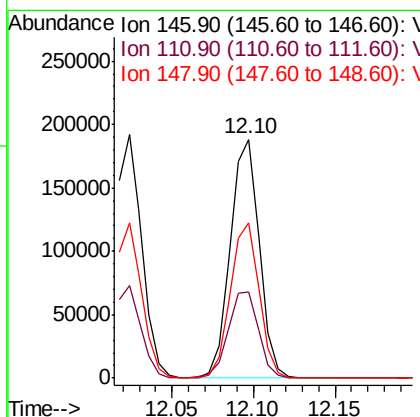
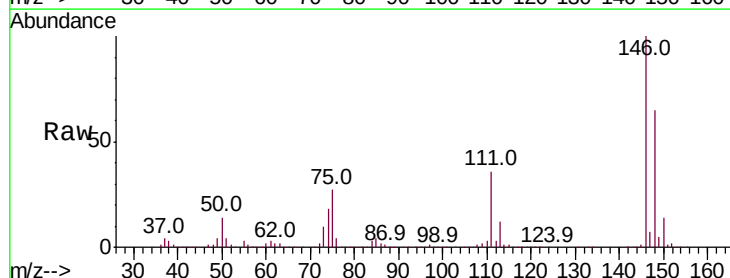
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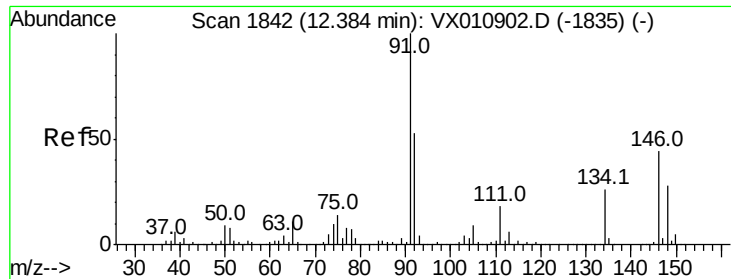
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#88
 1,4-Dichlorobenzene
 Concen: 45.911 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX011108.D
 Acq: 26 Jul 2019 22:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.6	55.8
148	64.8	31.6	94.7





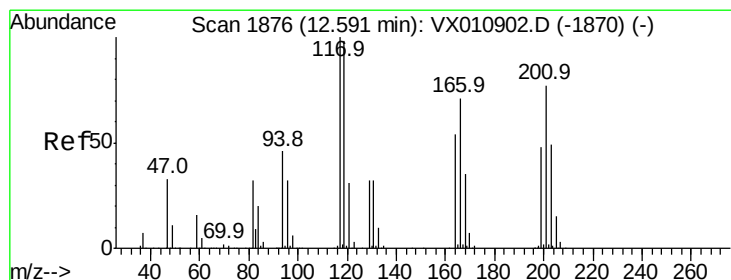
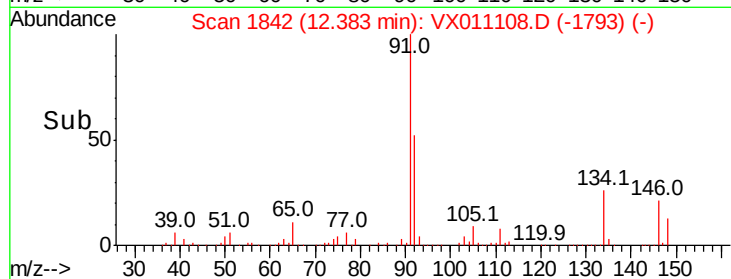
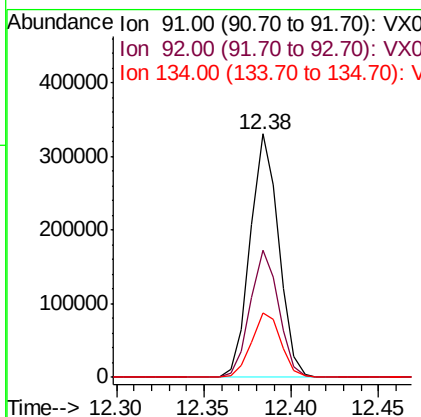
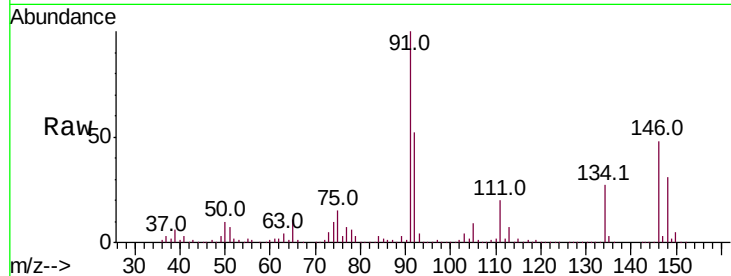
#89
n-Butylbenzene
Concen: 48.137 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011108.D
Acq: 26 Jul 2019 22:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.2	78.5
134	27.5	13.8	41.3

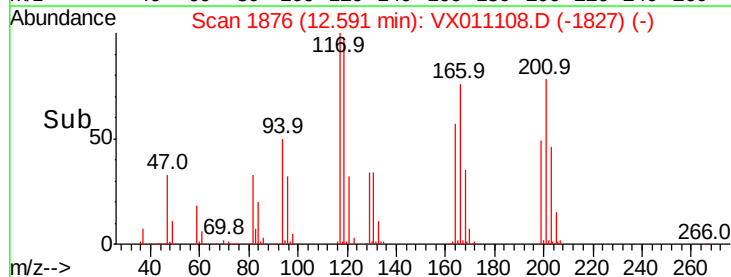
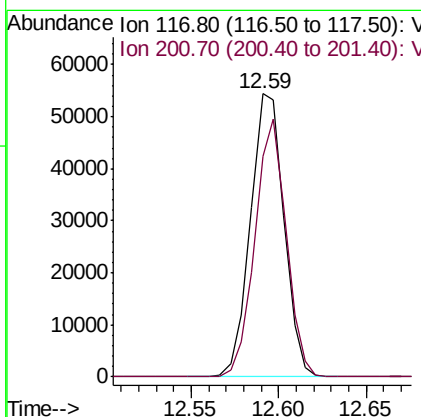
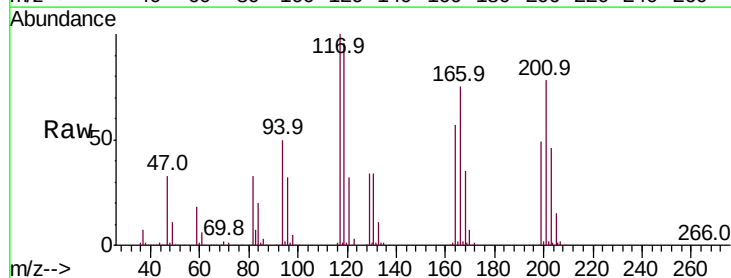
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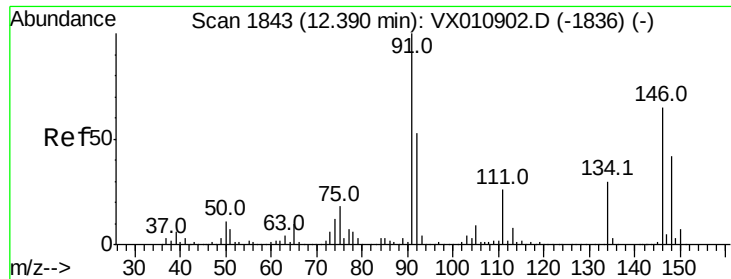
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#90
Hexachloroethane
Concen: 50.236 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX011108.D
Acq: 26 Jul 2019 22:49

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.0	43.3	129.8





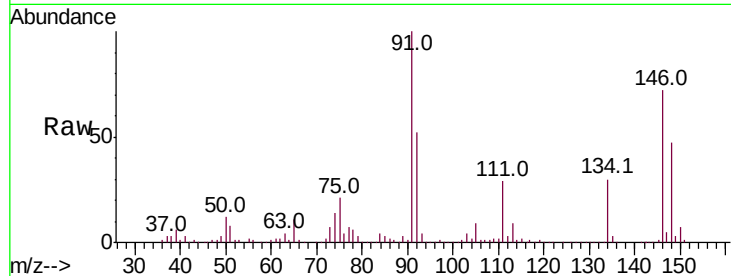
#91
 1,2-Dichlorobenzene
 Concen: 47.950 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX011108.D
 Acq: 26 Jul 2019 22:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	233833		
111	39.5	19.9	59.7	
148	64.0	32.0	96.2	

Manual Integrations
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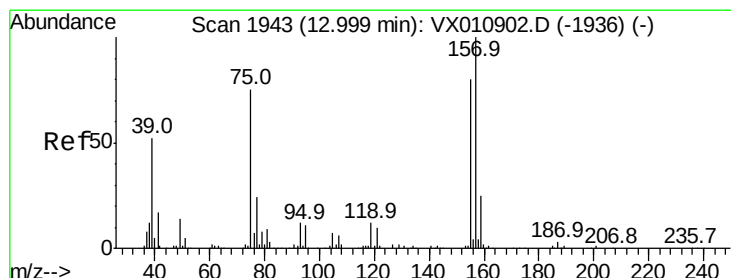
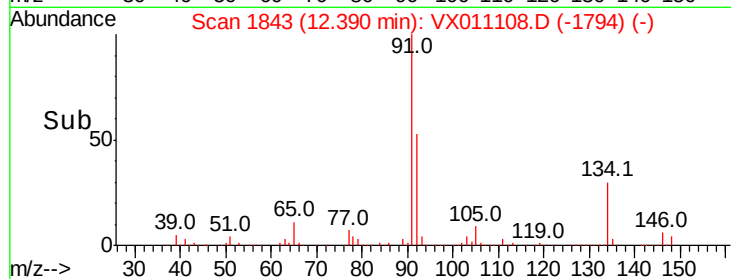
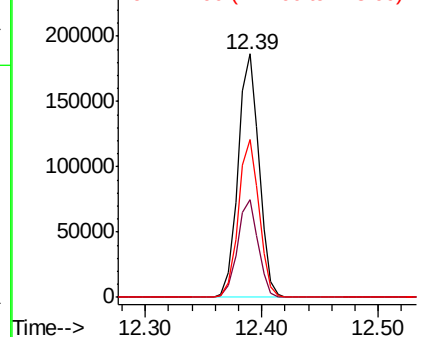


Abundance

Ion 145.90 (145.60 to 146.60): V

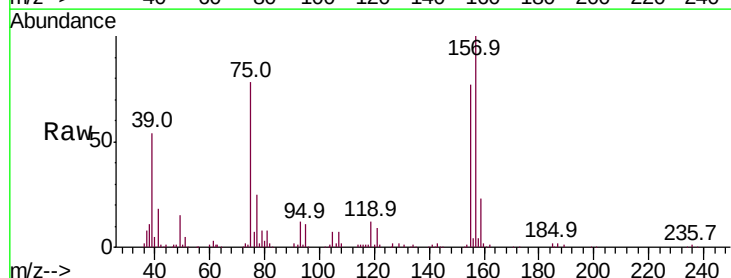
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.685 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX011108.D
 Acq: 26 Jul 2019 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	35640		
155	95.9	48.7	146.1	
157	121.8	62.5	187.6	

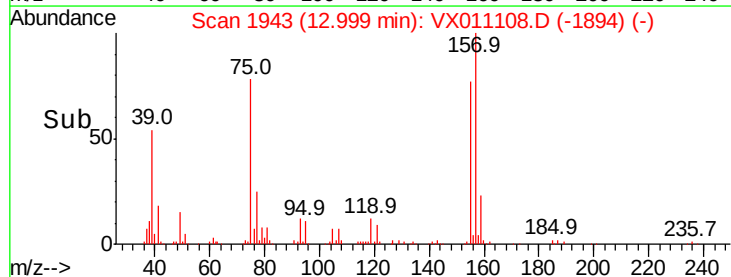
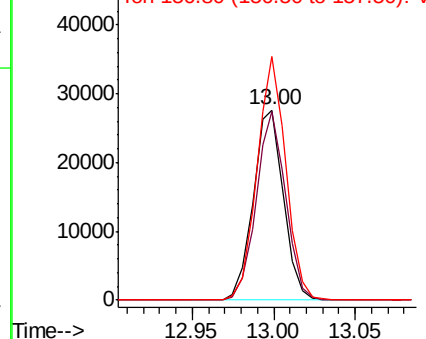


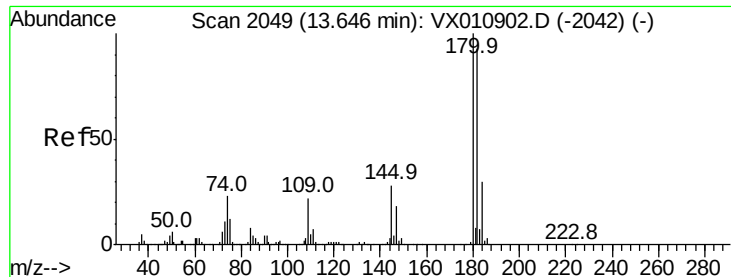
Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





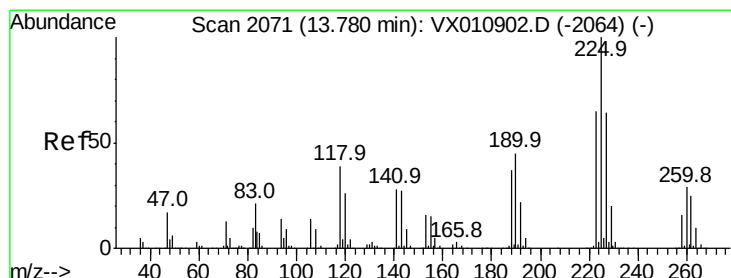
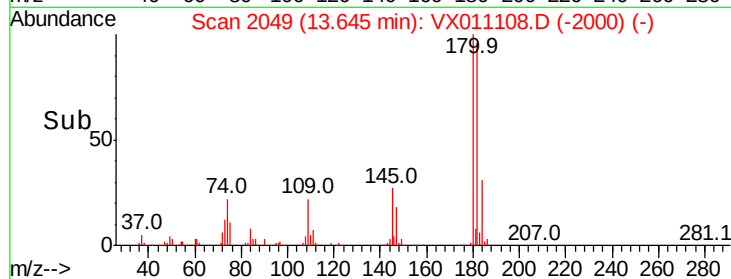
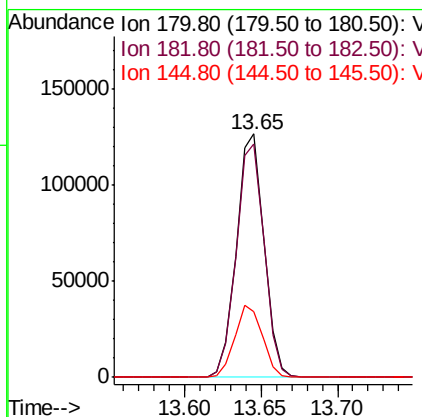
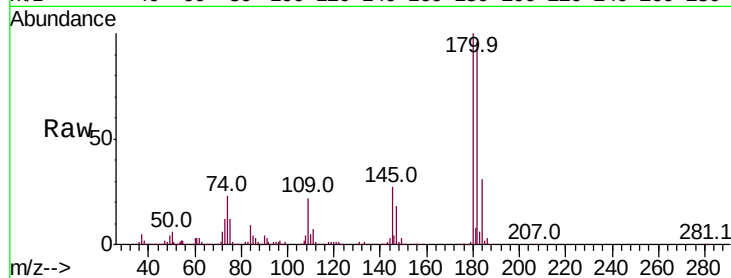
#93
 1,2,4-Trichlorobenzene
 Concen: 47.625 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX011108.D
 Acq: 26 Jul 2019 22:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	97.3	47.1	141.3	
145	29.9	14.8	44.4	

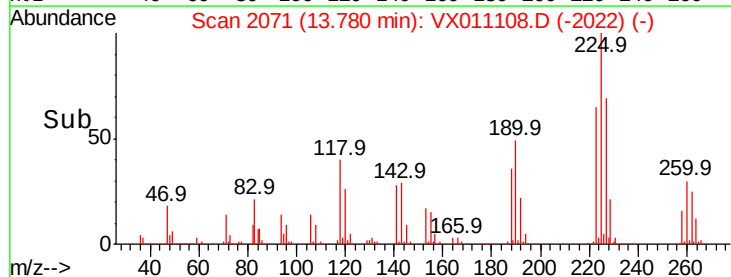
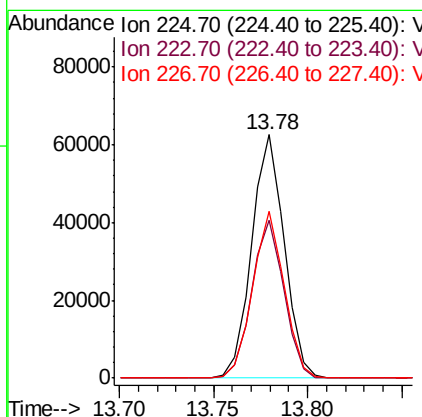
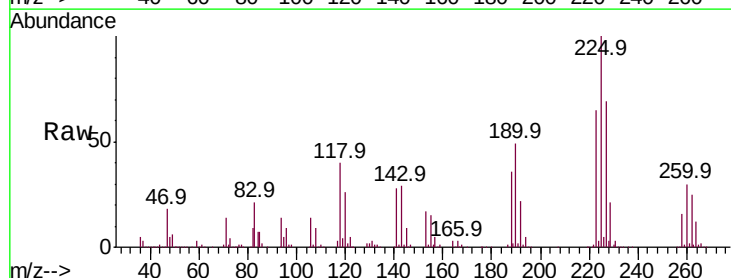
Manual Integrations
 APPROVED

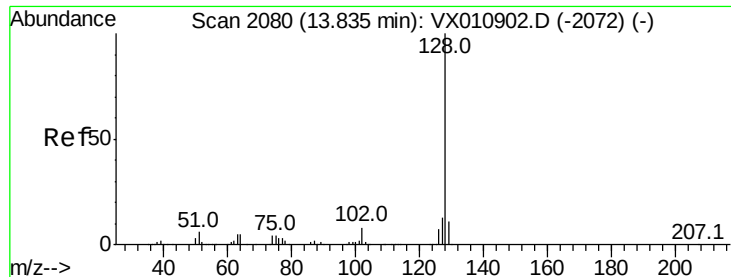
MMDadoda
 7/29/2019 11:52:53 AM



#94
 Hexachlorobutadiene
 Concen: 45.647 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011108.D
 Acq: 26 Jul 2019 22:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.3	31.9	95.9	
227	66.5	32.5	97.4	





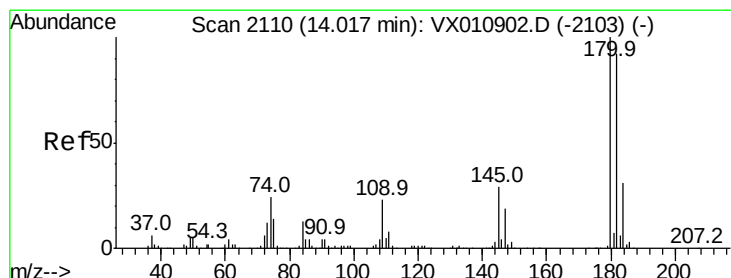
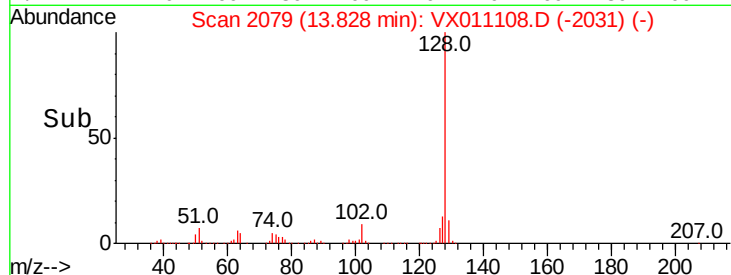
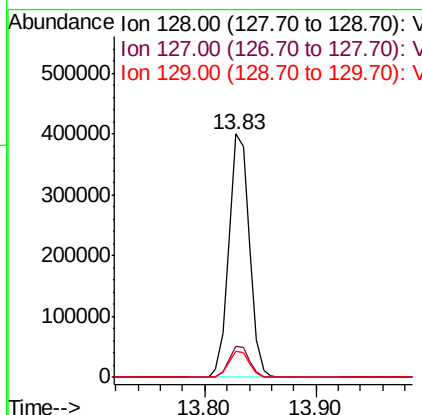
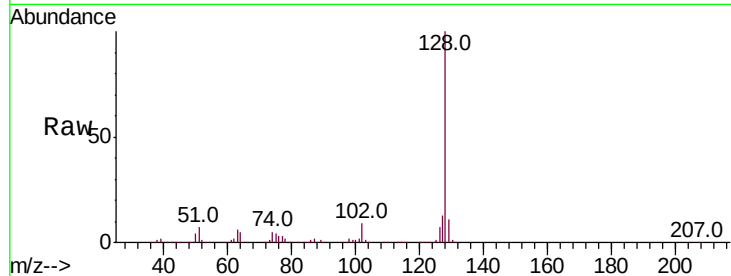
#95
Naphthalene
Concen: 52.214 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011108.D
Acq: 26 Jul 2019 22:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.9	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/29/2019 11:52:53 AM



#96
1,2,3-Trichlorobenzene
Concen: 49.576 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX011108.D
Acq: 26 Jul 2019 22:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.4	142.3
145	31.9	15.1	45.3

