

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100119\
 Data File : VX012748.D
 Acq On : 01 Oct 2019 21:05
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/2/2019 10:07:36 AM

Quant Time: Oct 02 05:26:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	173019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	304574	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	269820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	127643	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	114912	45.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.22%	
35) Dibromofluoromethane	5.48	113	89937	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
50) Toluene-d8	8.71	98	334756	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
62) 4-Bromofluorobenzene	11.14	95	127502	46.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	82804	42.542	ug/l	98
3) Chloromethane	1.32	50	93959	42.039	ug/l	100
4) Vinyl Chloride	1.40	62	99826	44.935	ug/l	99
5) Bromomethane	1.62	94	38695	44.301	ug/l	99
6) Chloroethane	1.71	64	64198	42.866	ug/l	99
7) Trichlorofluoromethane	1.92	101	142365	45.643	ug/l	99
8) Diethyl Ether	2.18	74	58116	45.466	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	88601	46.638	ug/l	98
10) Methyl Iodide	2.50	142	95352	47.877	ug/l	94
11) Tert butyl alcohol	3.04	59	147987	235.129	ug/l	99
12) 1,1-Dichloroethene	2.36	96	89492	48.107	ug/l	96
13) Acrolein	2.28	56	76849	220.450	ug/l	98
14) Allyl chloride	2.72	41	168422	45.633	ug/l	97
15) Acrylonitrile	3.13	53	305204	239.021	ug/l	98
16) Acetone	2.44	43	257576	193.009	ug/l	95
17) Carbon Disulfide	2.56	76	225530	43.245	ug/l	99
18) Methyl Acetate	2.76	43	150864	48.010	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	335835	47.695	ug/l	99
20) Methylene Chloride	2.84	84	105360	46.678	ug/l	94
21) trans-1,2-Dichloroethene	3.15	96	96521	46.834	ug/l	96
22) Diisopropyl ether	3.84	45	334609	46.919	ug/l	98
23) Vinyl Acetate	3.80	43	1455330	232.703	ug/l	97
24) 1,1-Dichloroethane	3.69	63	185182	47.770	ug/l	99
25) 2-Butanone	4.66	43	421413	220.230	ug/l	97
26) 2,2-Dichloropropane	4.57	77	135288	39.239	ug/l	96
27) cis-1,2-Dichloroethene	4.58	96	115017	48.098	ug/l	90
28) Bromochloromethane	5.00	49	65266	46.368	ug/l	96
29) Tetrahydrofuran	5.12	42	271032	232.387	ug/l	96
30) Chloroform	5.20	83	187054	47.164	ug/l	99
31) Cyclohexane	5.57	56	161106	45.939	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	163814	46.605	ug/l	99
36) 1,1-Dichloropropene	5.79	75	136857	46.617	ug/l	98
37) Ethyl Acetate	4.82	43	160491	46.760	ug/l	96
38) Carbon Tetrachloride	5.78	117	140927	47.256	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	162164	45.883	ug/l	97
40) Benzene	6.14	78	414243	47.957	ug/l	99
41) Methacrylonitrile	5.03	41	89719	46.590	ug/l	94
42) 1,2-Dichloroethane	6.18	62	151871	46.300	ug/l	98
43) Isopropyl Acetate	6.43	43	263683	45.940	ug/l	97
44) Trichloroethene	7.21	130	106771	48.351	ug/l	98
45) 1,2-Dichloropropane	7.51	63	108477	49.052	ug/l	99
46) Dibromomethane	7.65	93	71481	47.473	ug/l	97
47) Bromodichloromethane	7.89	83	143679	47.744	ug/l	100
48) Methyl methacrylate	7.76	41	128546	46.707	ug/l	93
49) 1,4-Dioxane	7.73	88	59644	955.462	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	824217	232.630	ug/l	95
52) Toluene	8.78	92	260766	48.032	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	156443	46.986	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	171836	47.268	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	104326	48.335	ug/l	98
56) Ethyl methacrylate	9.17	69	177755	49.021	ug/l	90
57) 1,3-Dichloropropane	9.37	76	183544	48.588	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	417302	256.380	ug/l	99
59) 2-Hexanone	9.49	43	632118	233.083	ug/l	94
60) Dibromochloromethane	9.58	129	111335	50.956	ug/l	98
61) 1,2-Dibromoethane	9.67	107	111725	49.737	ug/l	100
64) Tetrachloroethene	9.33	164	95563	50.798	ug/l	96
65) Chlorobenzene	10.14	112	272704	47.996	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	102511	49.795	ug/l	99
67) Ethyl Benzene	10.25	91	499884	48.507	ug/l	99
68) m/p-Xylenes	10.35	106	373293	96.698	ug/l	100
69) o-Xylene	10.70	106	182302	48.804	ug/l	100
70) Styrene	10.71	104	312934	49.972	ug/l	99
71) Bromoform	10.85	173	72269	50.416	ug/l	97
73) Isopropylbenzene	11.01	105	484078	46.563	ug/l	99
74) N-amyl acetate	10.89	43	227201	45.810	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	164153	47.677	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	172652m	51.134	ug/l	
77) Bromobenzene	11.25	156	112900	47.983	ug/l	98
78) n-propylbenzene	11.35	91	536047	45.800	ug/l	99
79) 2-Chlorotoluene	11.42	91	331442	45.395	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	410679	47.107	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	50559	42.912	ug/l	96
82) 4-Chlorotoluene	11.51	91	388211	46.642	ug/l	99
83) tert-Butylbenzene	11.76	119	395675	47.050	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	423233	48.125	ug/l	99
85) sec-Butylbenzene	11.94	105	460921	47.122	ug/l	100
86) p-Isopropyltoluene	12.06	119	425755	48.239	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	204319	48.253	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	203370	47.530	ug/l	99
89) n-Butylbenzene	12.38	91	358278	46.067	ug/l	99
90) Hexachloroethane	12.59	117	75425	47.935	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	204198	48.169	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	41353	48.014	ug/l	98

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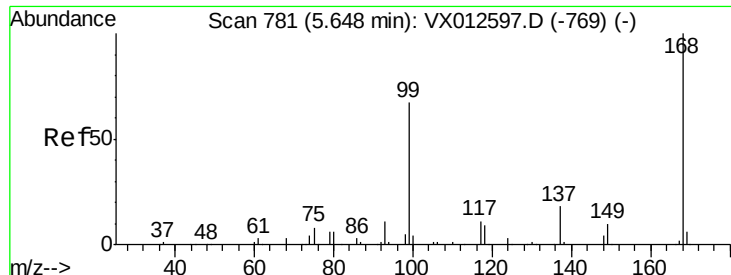
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QLast Update : Mon Sep 23 12:27:01 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	129141	49.952	ug/l	99
94) Hexachlorobutadiene	13.78	225	55075	49.519	ug/l	98
95) Naphthalene	13.83	128	478213	51.126	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	130783	50.500	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012748.D

Acq: 01 Oct 2019 21:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 173019

Ion Ratio Lower Upper

168 100

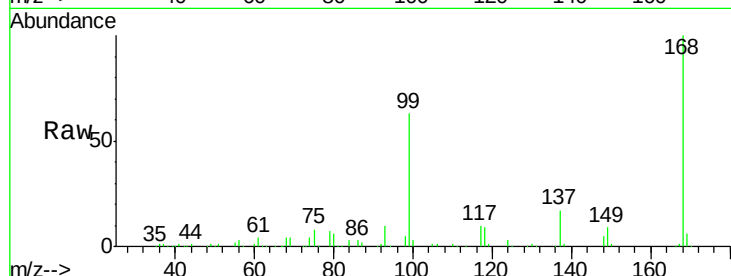
99 63.3 51.4 77.2

Manual Integrations

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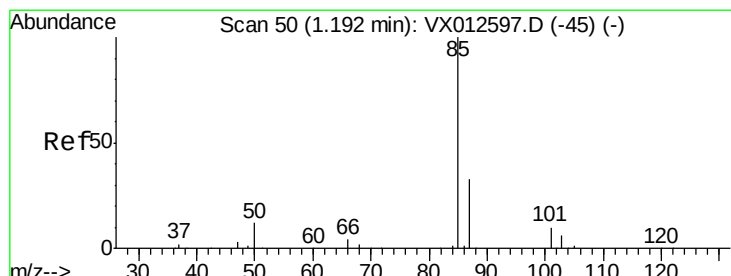
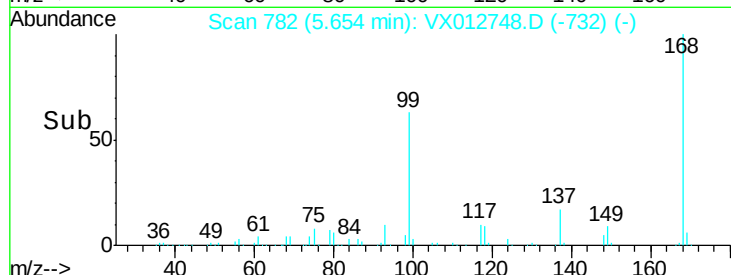
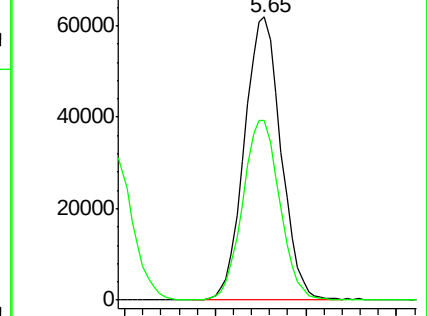
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 42.542 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012748.D

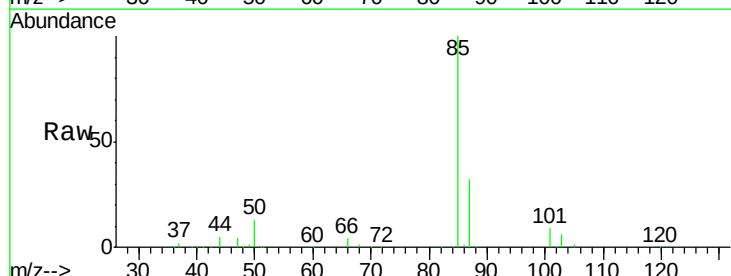
Acq: 01 Oct 2019 21:05

Tgt Ion: 85 Resp: 82804

Ion Ratio Lower Upper

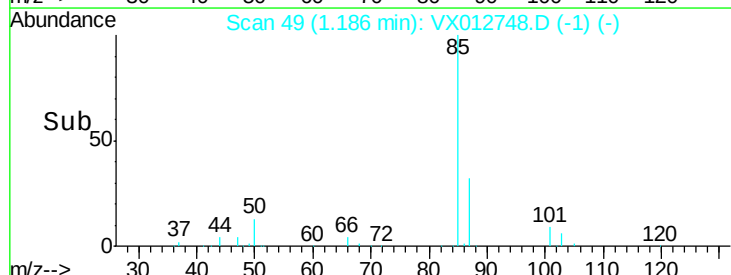
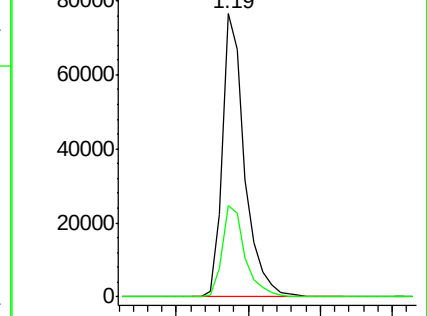
85 100

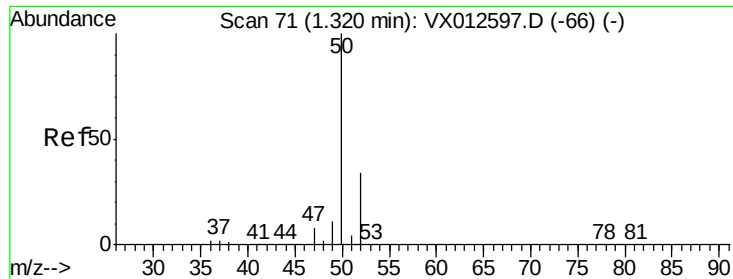
87 32.3 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 42.039 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012748.D

Acq: 01 Oct 2019 21:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 93959

Ion Ratio Lower Upper

50 100

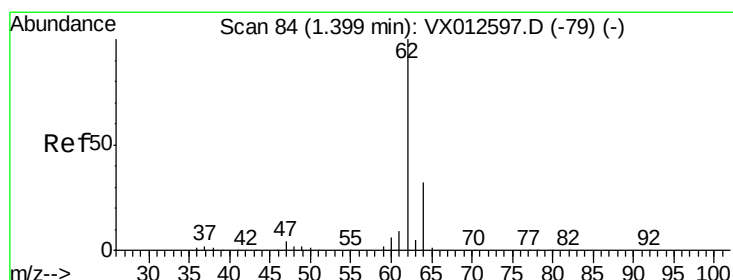
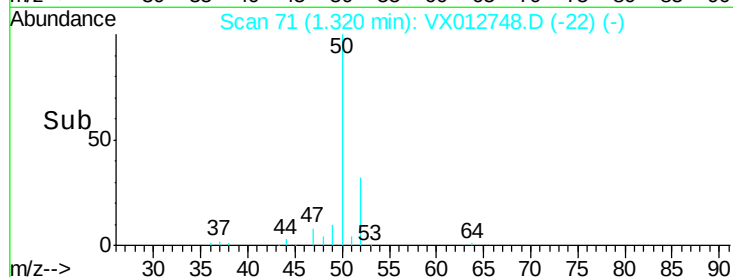
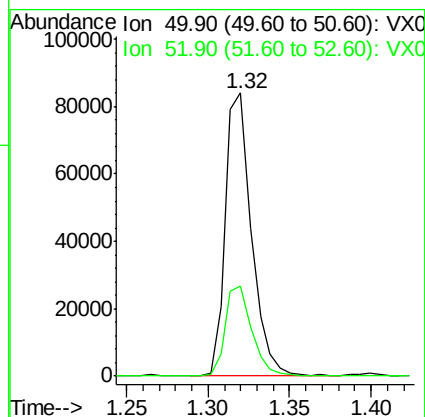
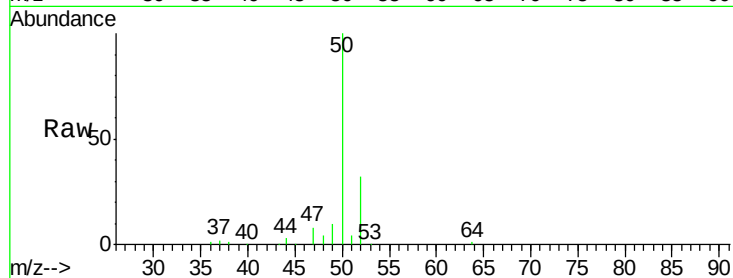
52 31.9 25.7 38.5

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#4

Vinyl Chloride

Concen: 44.935 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012748.D

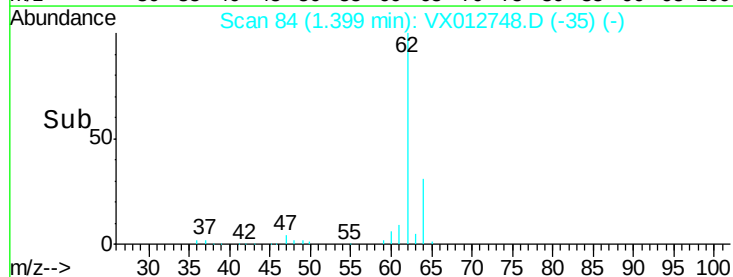
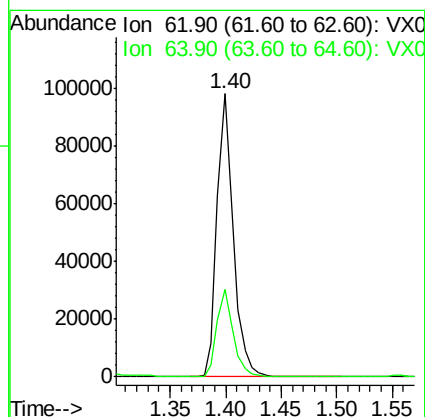
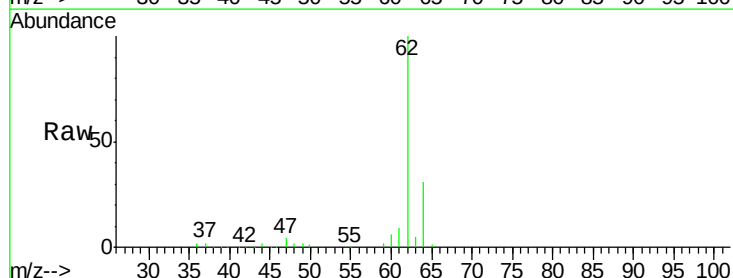
Acq: 01 Oct 2019 21:05

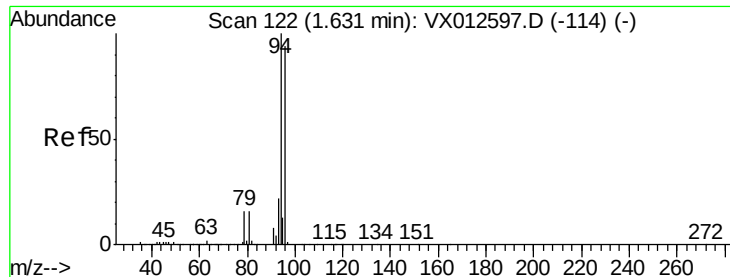
Tgt Ion: 62 Resp: 99826

Ion Ratio Lower Upper

62 100

64 30.8 24.2 36.2





#5

Bromomethane

Concen: 44.301 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012748.D

Acq: 01 Oct 2019 21:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 38695

Ion Ratio Lower Upper

94 100

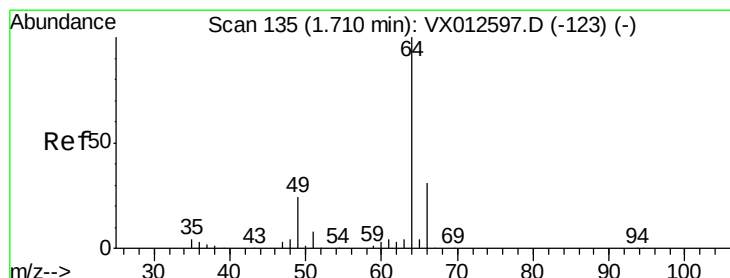
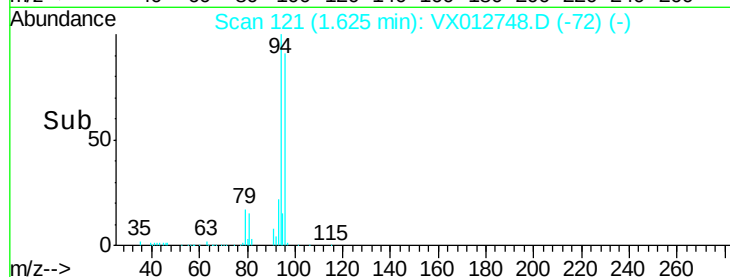
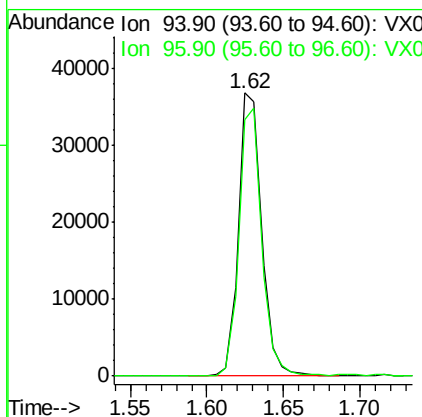
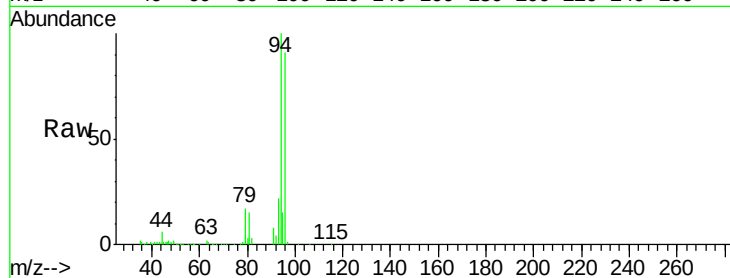
96 90.4 72.8 109.2

Manual Integrations

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#6

Chloroethane

Concen: 42.866 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012748.D

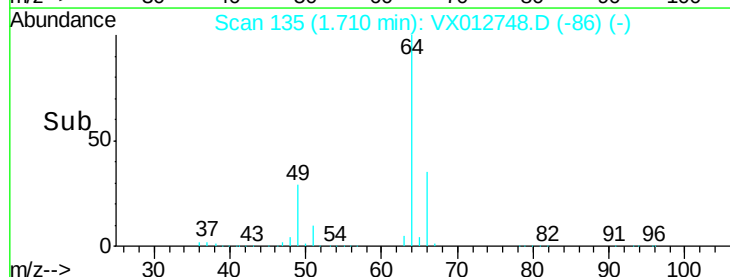
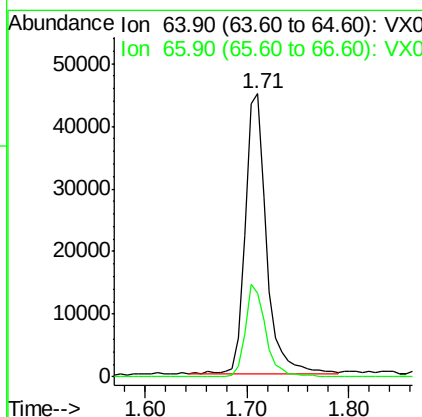
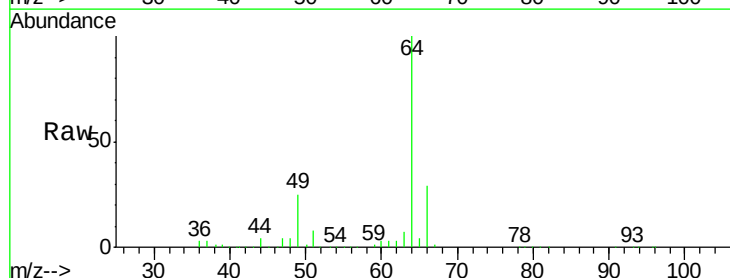
Acq: 01 Oct 2019 21:05

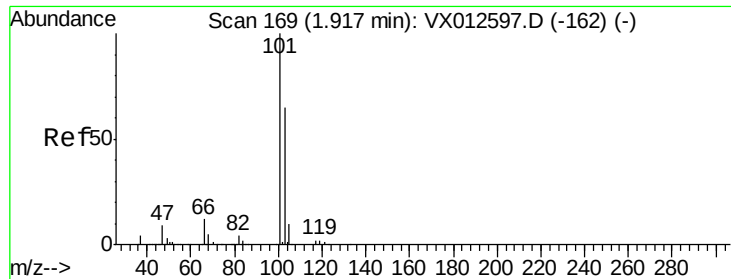
Tgt Ion: 64 Resp: 64198

Ion Ratio Lower Upper

64 100

66 29.5 24.0 36.0





#7

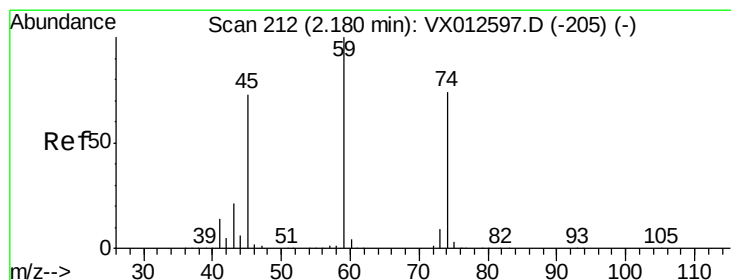
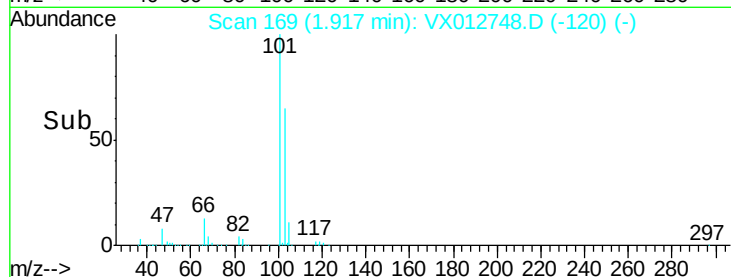
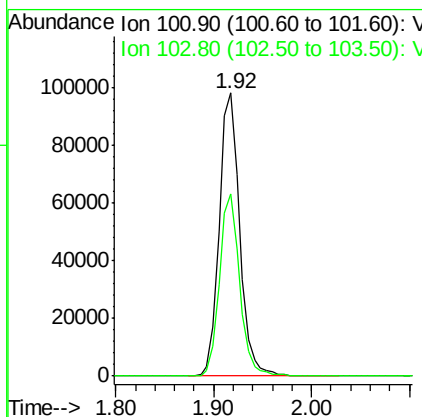
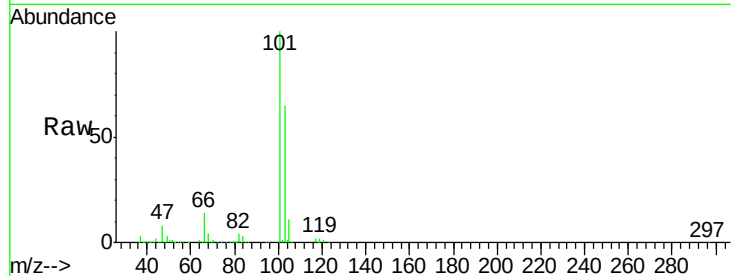
Trichlorofluoromethane
Concen: 45.643 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012748.D
Acq: 01 Oct 2019 21:05

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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	51.0	76.4

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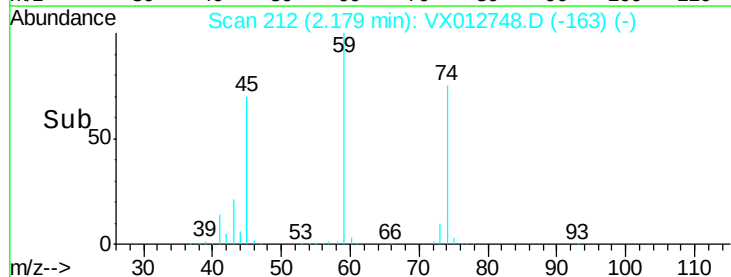
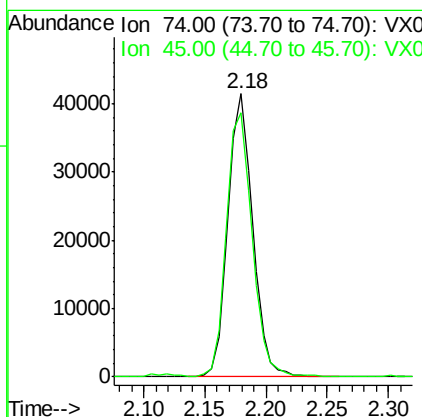
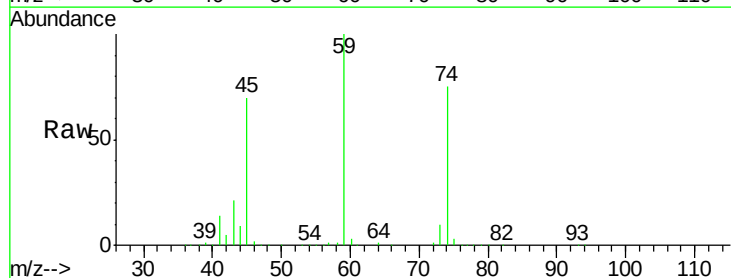
MMDadoda
10/2/2019 10:07:36 AM

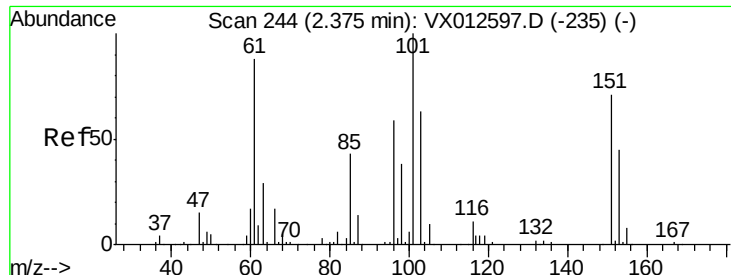


#8

Diethyl Ether
Concen: 45.466 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012748.D
Acq: 01 Oct 2019 21:05

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.5	49.9	149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.638 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012748.D

Acq: 01 Oct 2019 21:05

Instrument :

MSVOA_X

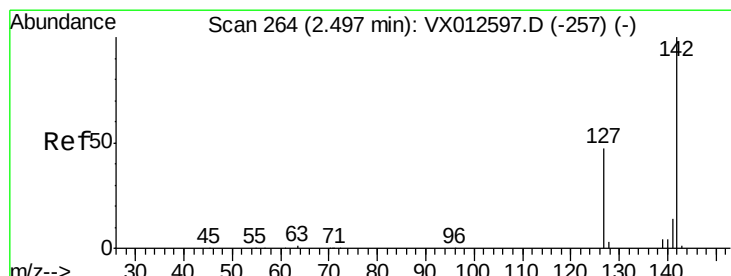
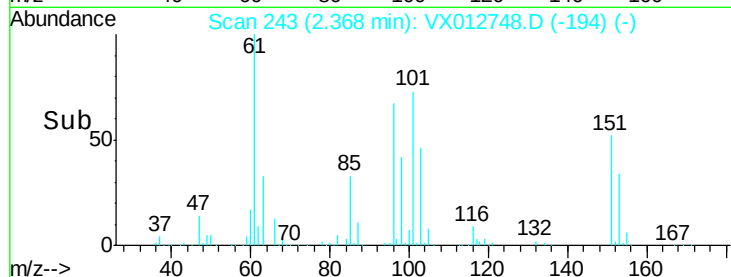
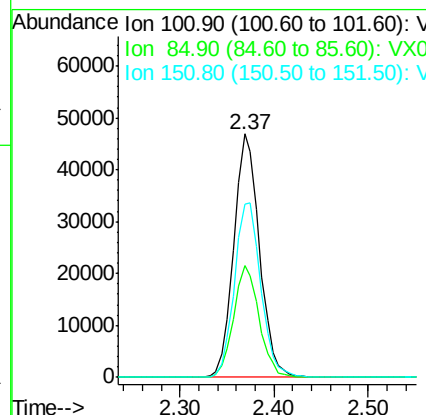
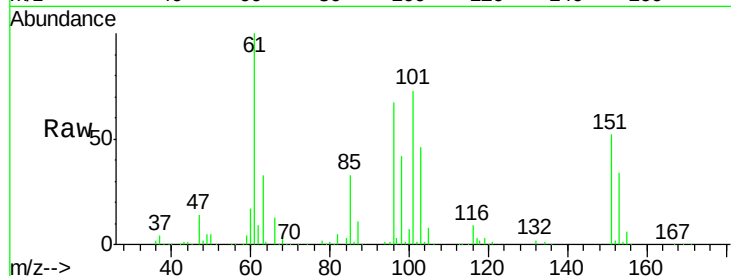
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	88601
Ion Ratio	Lower	Upper	
101	100		
85	45.8	37.3	55.9
151	74.3	61.0	91.4

Manual Integrations
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10/2/2019 10:07:36 AM



#10

Methyl Iodide

Concen: 47.877 ug/l

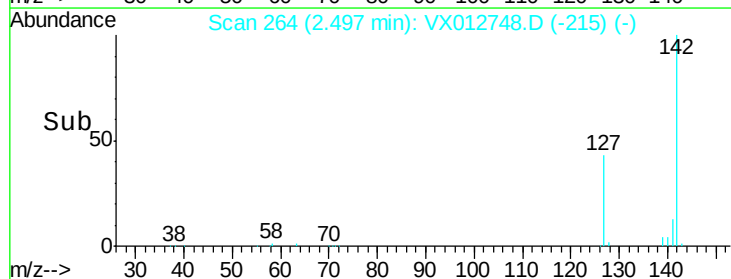
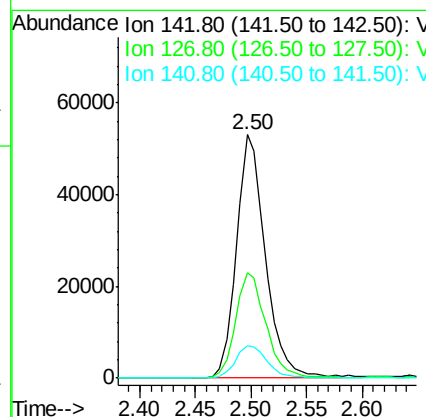
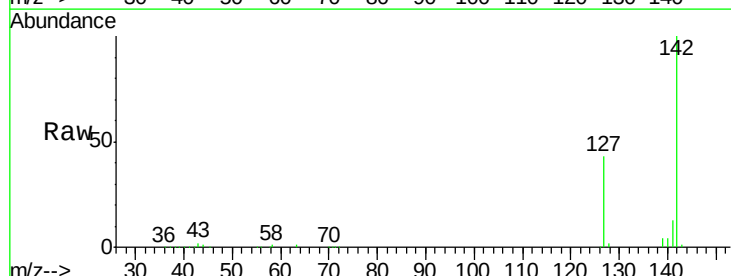
RT: 2.50 min Scan# 264

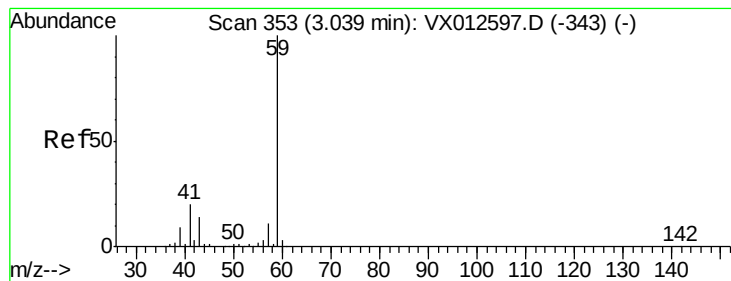
Delta R.T. 0.00 min

Lab File: VX012748.D

Acq: 01 Oct 2019 21:05

Tgt Ion:	142	Resp:	95352
Ion Ratio	Lower	Upper	
142	100		
127	45.6	40.8	61.2
141	14.7	12.1	18.1





#11

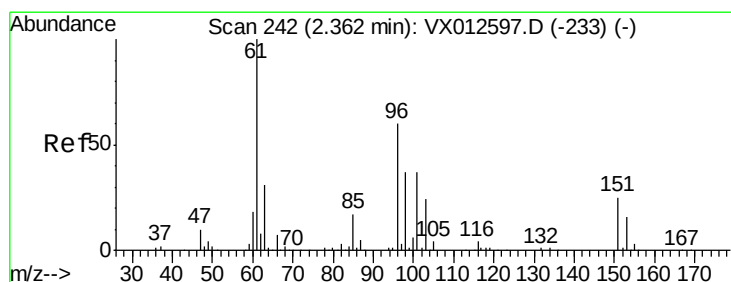
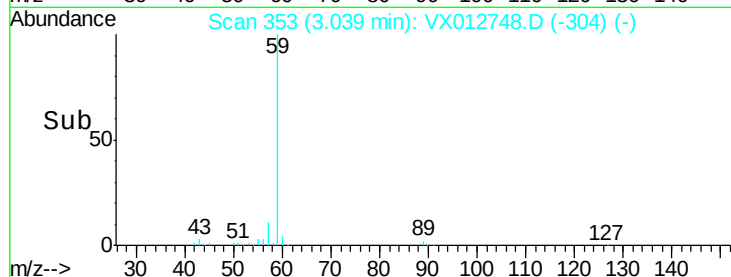
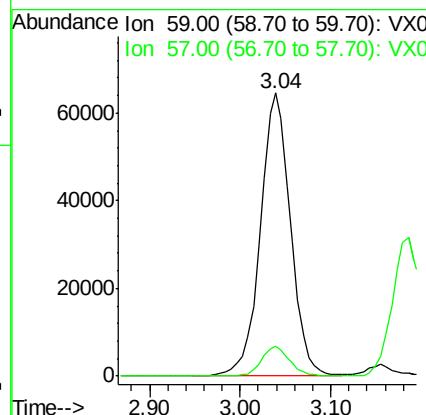
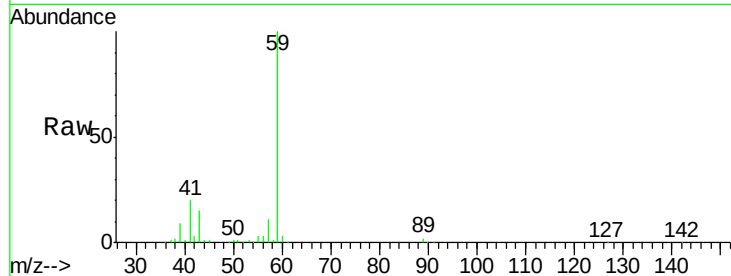
Tert butyl alcohol
Concen: 235.129 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX012748.D
Acq: 01 Oct 2019 21:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.3	12.5

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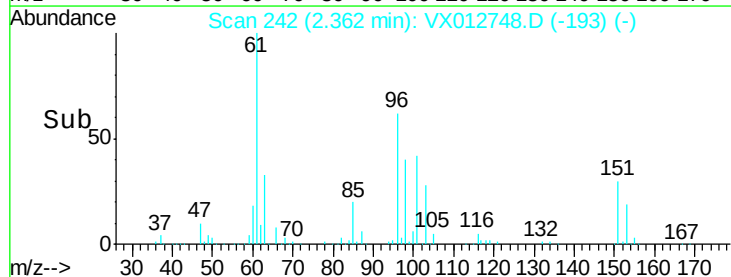
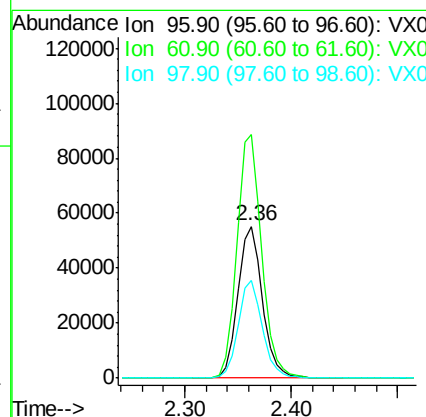
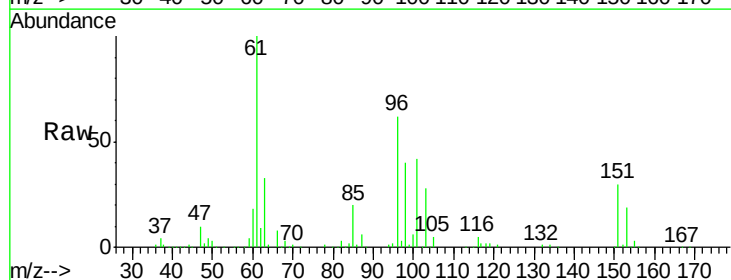
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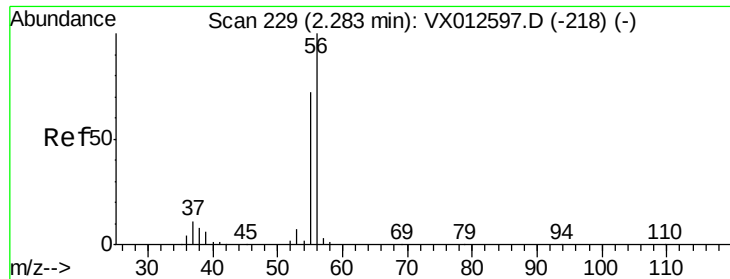


#12

1,1-Dichloroethene
Concen: 48.107 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012748.D
Acq: 01 Oct 2019 21:05

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.2	133.8	200.6
98	64.1	49.9	74.9





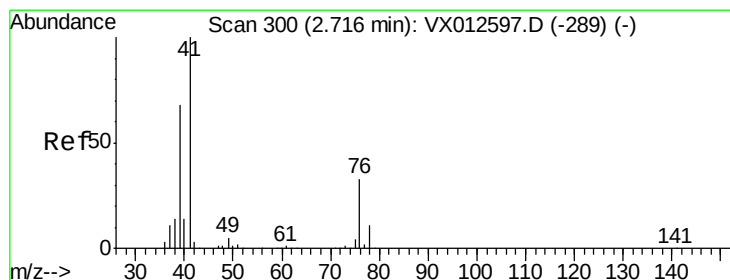
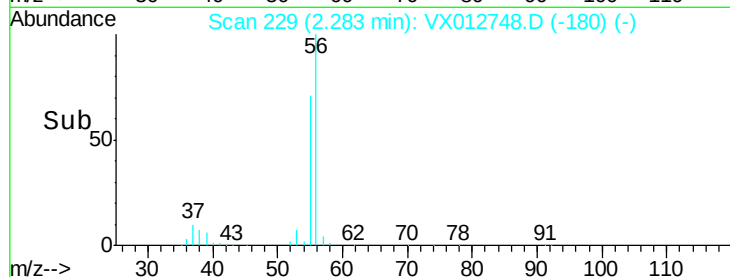
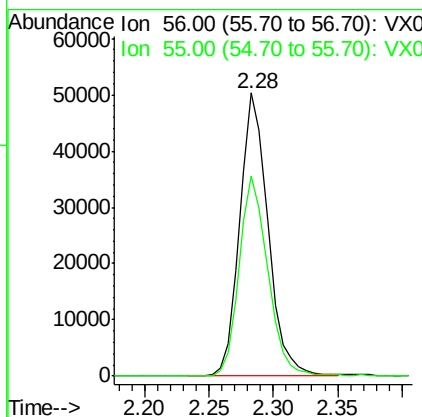
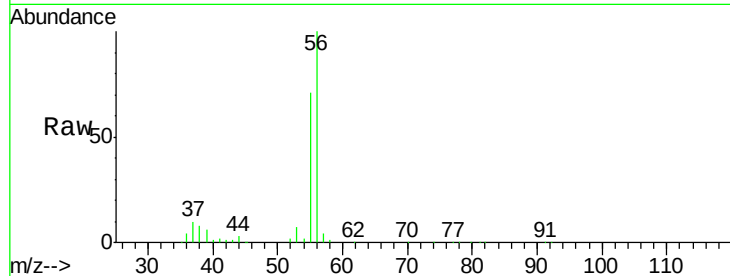
#13
Acrolein
Concen: 220.450 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX012748.D
Acq: 01 Oct 2019 21:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	76849
Ion Ratio	100	Lower	Upper
55	71.7	55.8	83.8

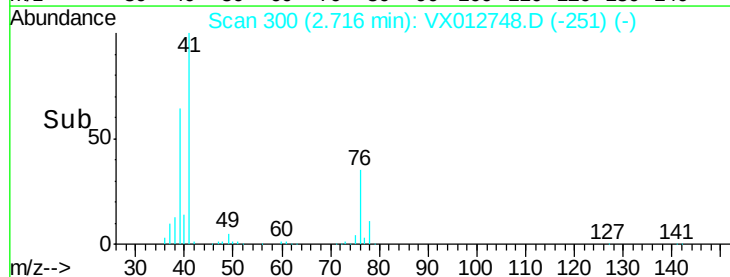
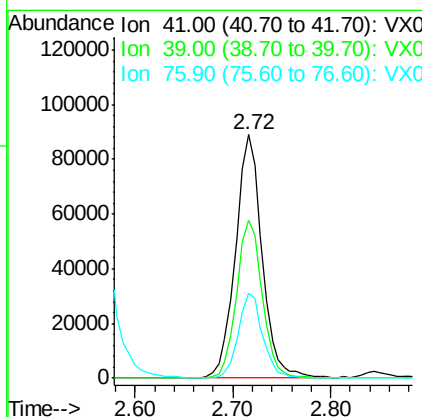
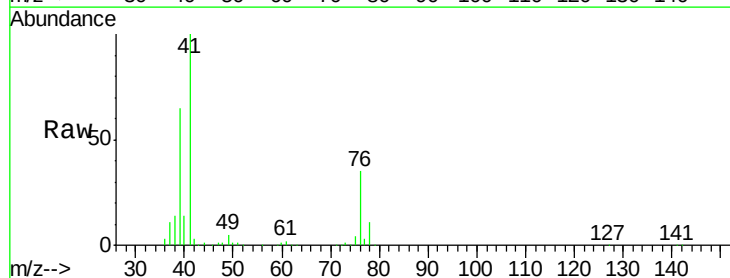
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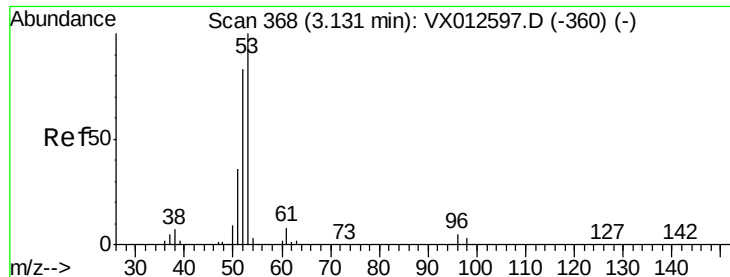
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#14
Allyl chloride
Concen: 45.633 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX012748.D
Acq: 01 Oct 2019 21:05

Tgt Ion	41	Resp	168422
Ion Ratio	100	Lower	Upper
39	62.8	51.3	76.9
76	31.8	22.6	33.8





#15

Acrylonitrile

Concen: 239.021 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012748.D

Acq: 01 Oct 2019 21:05

Instrument :

MSVOA_X

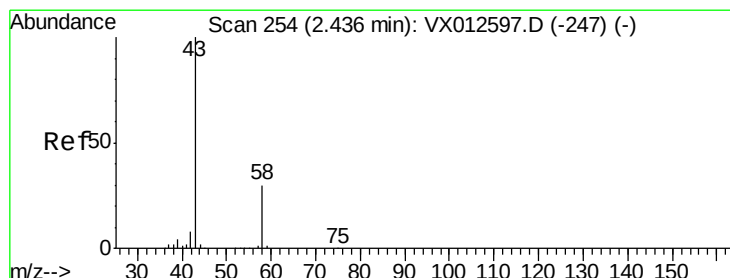
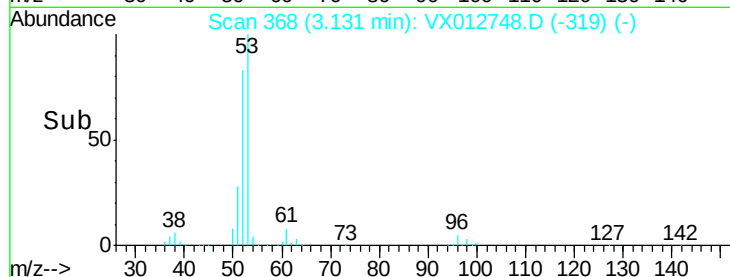
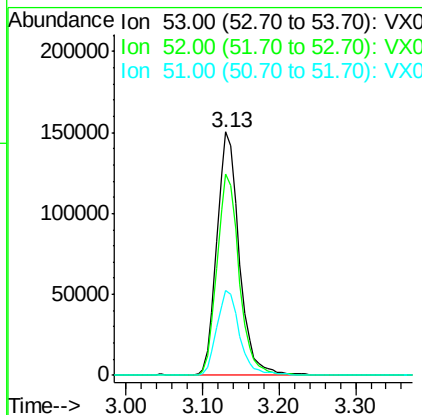
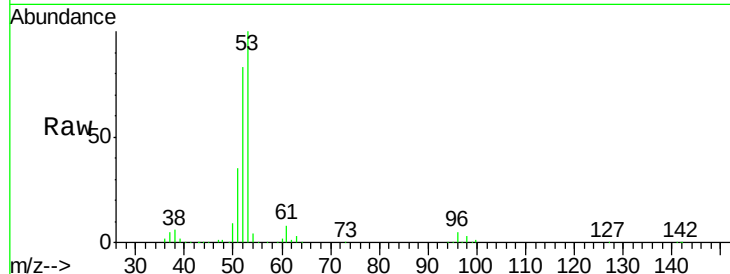
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	305204
Ion Ratio	Lower	Upper	
53	100		
52	81.8	67.0	100.4
51	35.6	29.6	44.4

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#16

Acetone

Concen: 193.009 ug/l

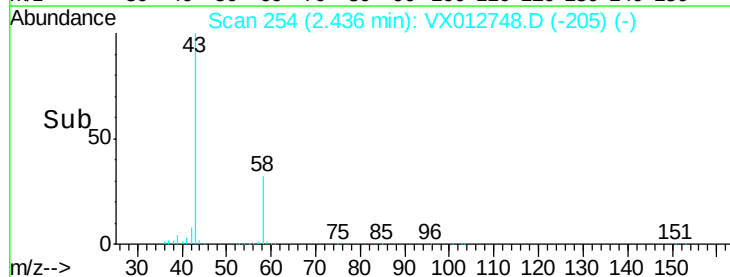
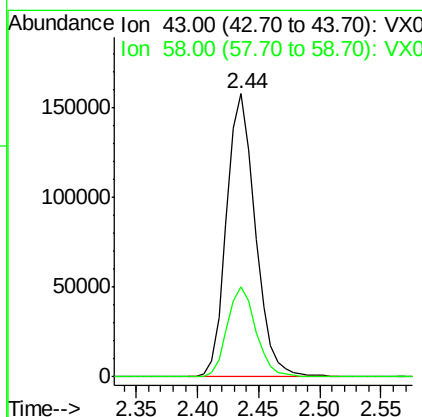
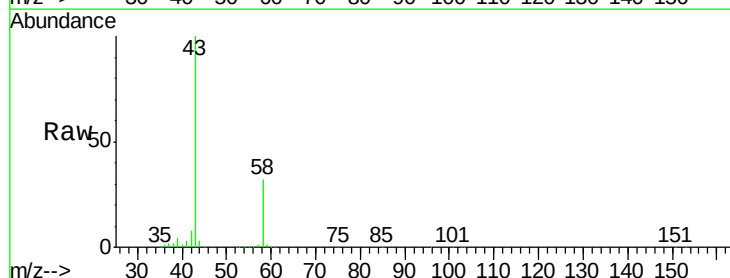
RT: 2.44 min Scan# 254

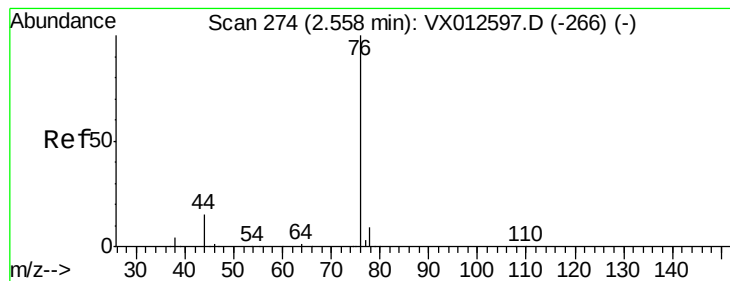
Delta R.T. 0.00 min

Lab File: VX012748.D

Acq: 01 Oct 2019 21:05

Tgt Ion:	43	Resp:	257576
Ion Ratio	Lower	Upper	
43	100		
58	31.7	23.3	34.9





#17

Carbon Disulfide

Concen: 43.245 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012748.D

Acq: 01 Oct 2019 21:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 22530

Ion Ratio Lower Upper

76 100

78 9.5

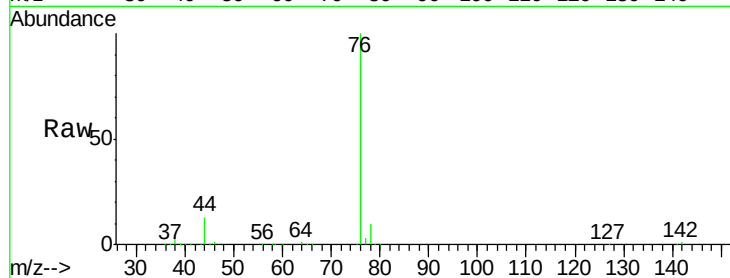
7.3 10.9

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

150000

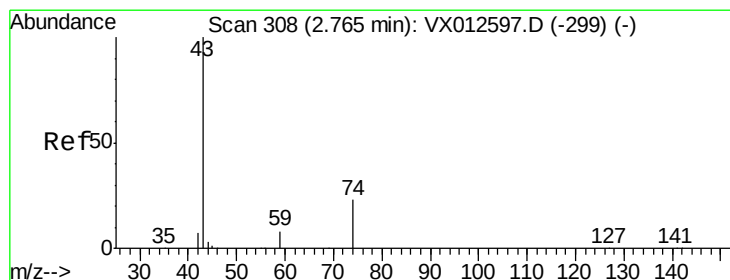
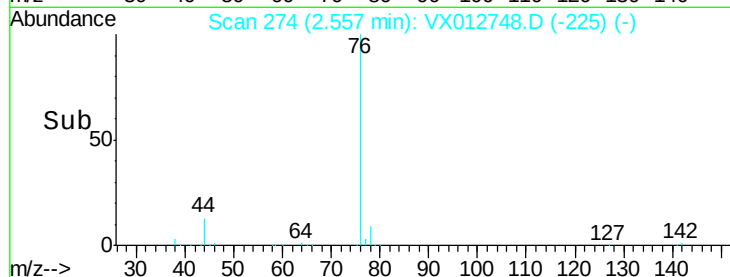
2.56

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 48.010 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012748.D

Acq: 01 Oct 2019 21:05

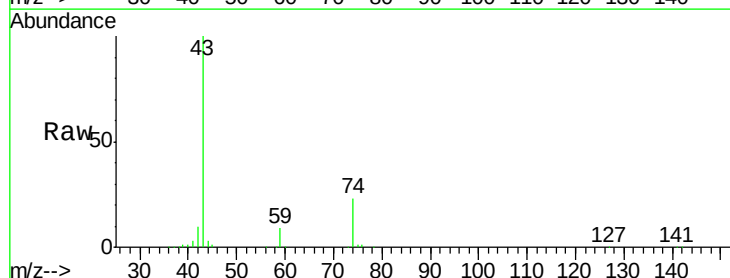
Tgt Ion: 43 Resp: 150864

Ion Ratio Lower Upper

43 100

74 23.6

17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

100000

80000

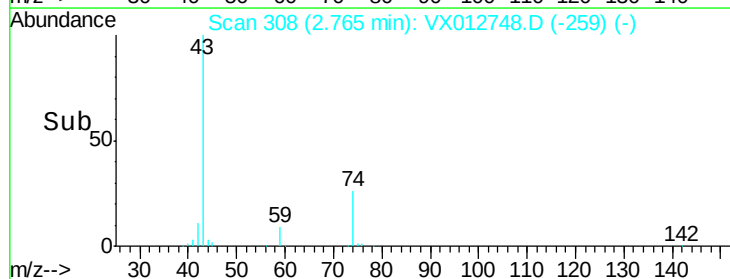
60000

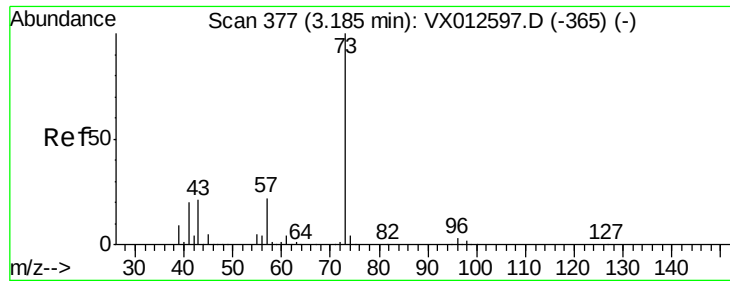
40000

20000

0

Time-->





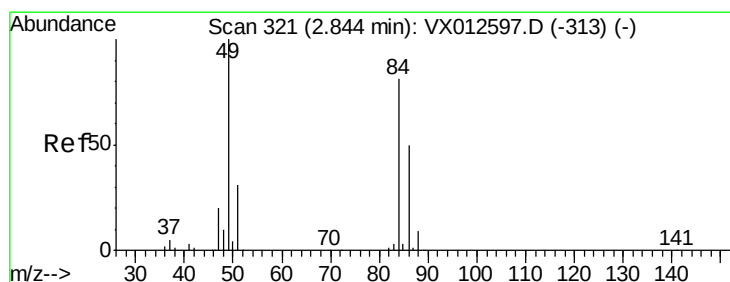
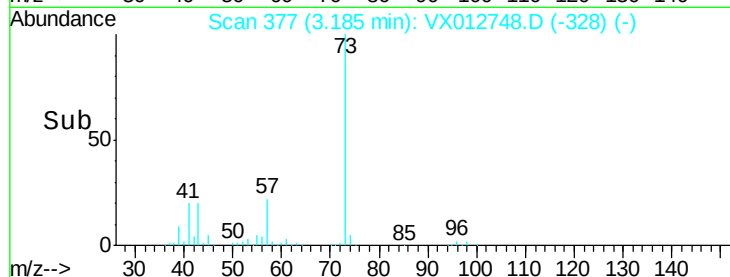
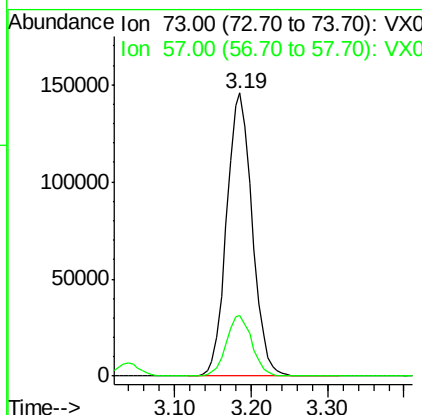
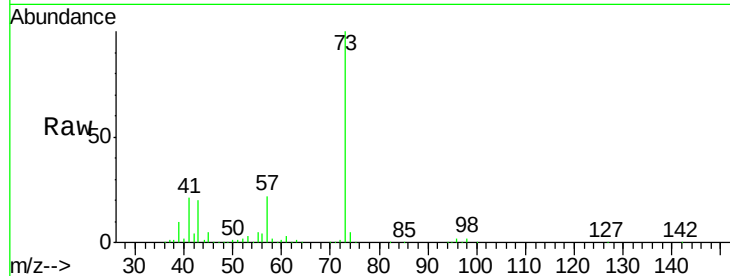
#19
Methyl tert-butyl Ether
Concen: 47.695 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012748.D
Acq: 01 Oct 2019 21:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	16.8	25.2

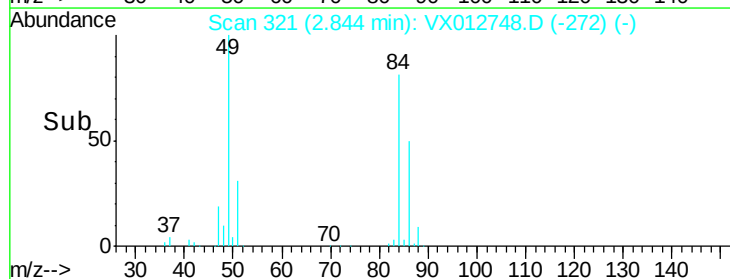
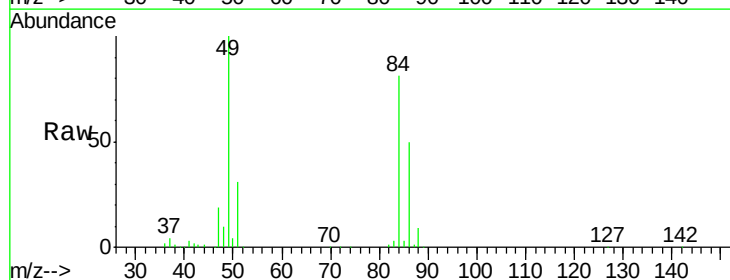
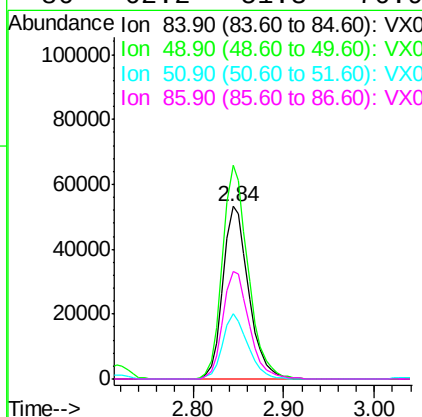
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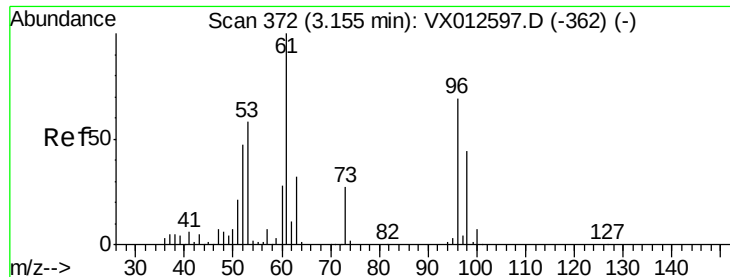
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#20
Methylene Chloride
Concen: 46.678 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012748.D
Acq: 01 Oct 2019 21:05

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.6	106.8	160.2
51	37.8	32.3	48.5
86	62.2	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 46.834 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012748.D

Acq: 01 Oct 2019 21:05

Instrument :

MSVOA_X

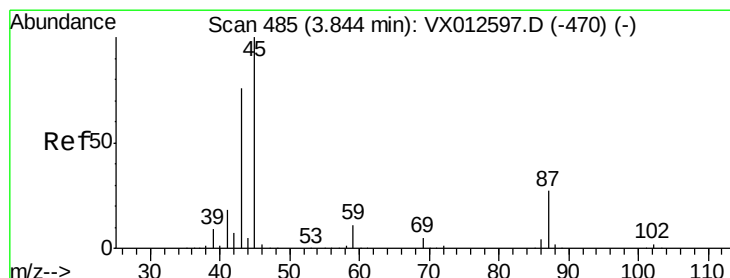
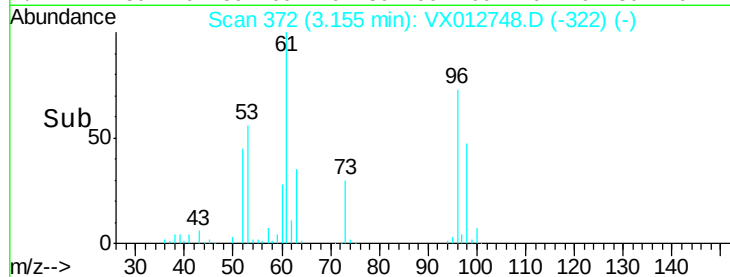
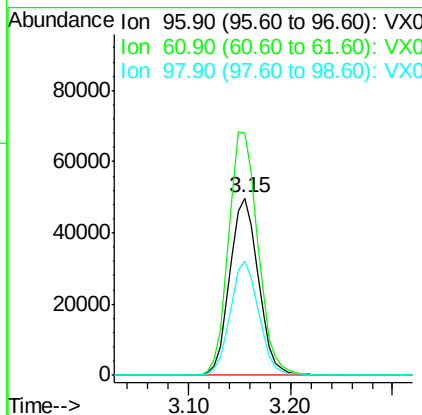
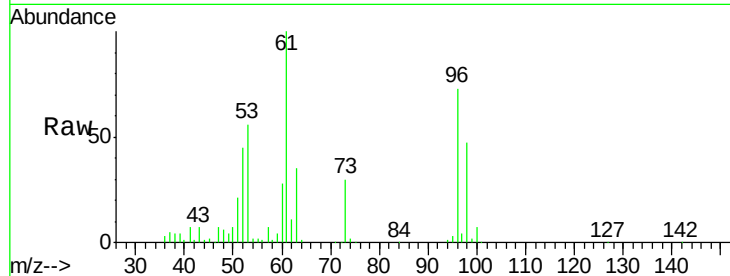
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	96521
Ion	Ratio	Lower	Upper
96	100		
61	136.7	112.0	168.0
98	64.5	47.8	71.8

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#22

Diisopropyl ether

Concen: 46.919 ug/l

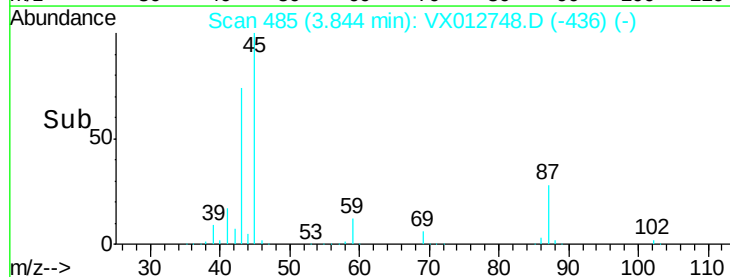
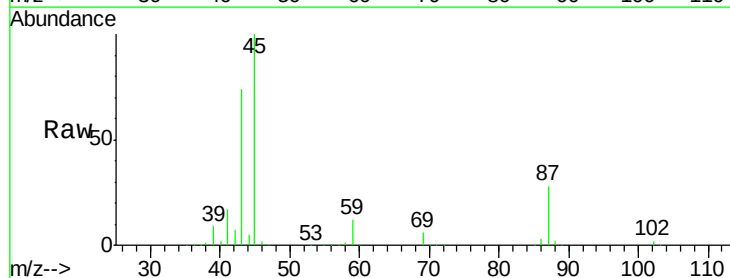
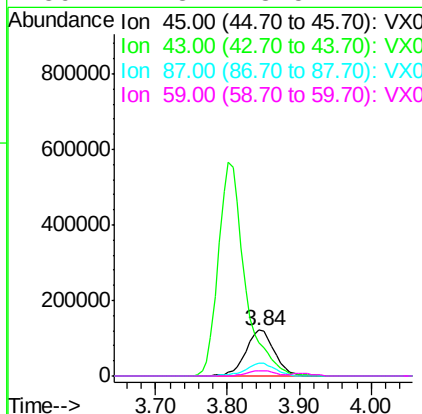
RT: 3.84 min Scan# 485

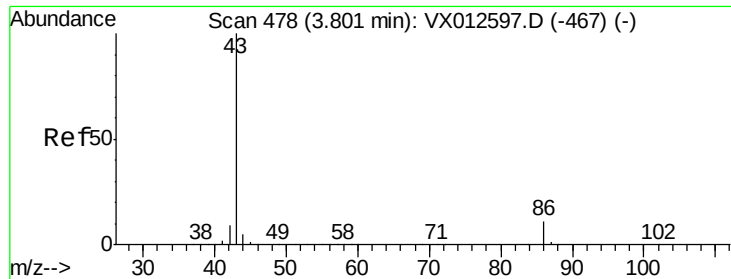
Delta R.T. 0.00 min

Lab File: VX012748.D

Acq: 01 Oct 2019 21:05

Tgt Ion:	45	Resp:	334609
Ion	Ratio	Lower	Upper
45	100		
43	73.5	57.8	86.8
87	27.7	21.3	31.9
59	12.3	8.5	12.7





#23

Vinyl Acetate

Concen: 232.703 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012748.D

Acq: 01 Oct 2019 21:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1455330

Ion Ratio Lower Upper

43 100

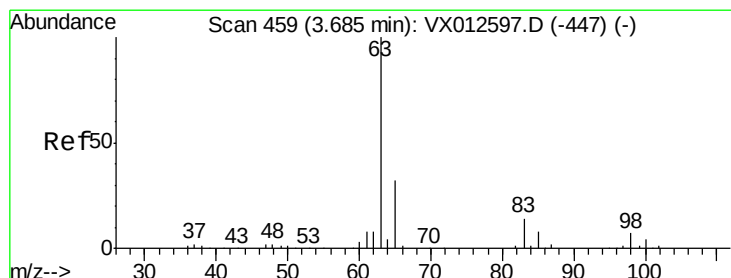
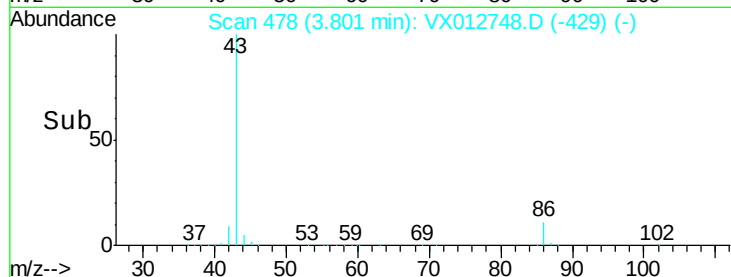
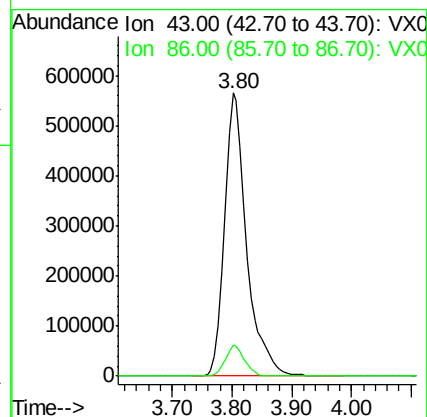
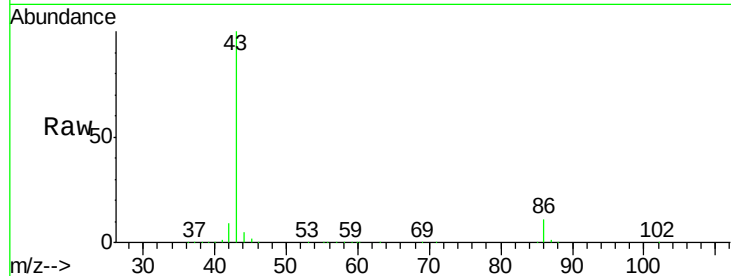
86 10.9 7.8 11.8

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#24

1,1-Dichloroethane

Concen: 47.770 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012748.D

Acq: 01 Oct 2019 21:05

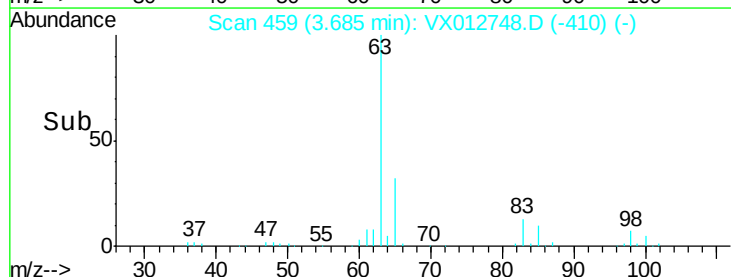
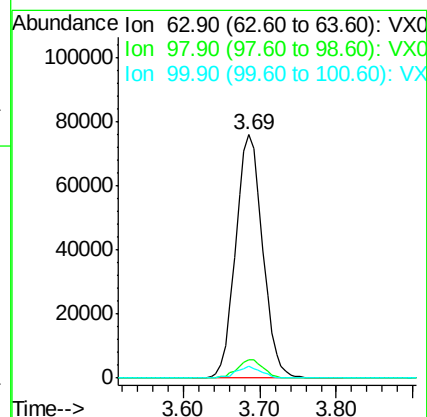
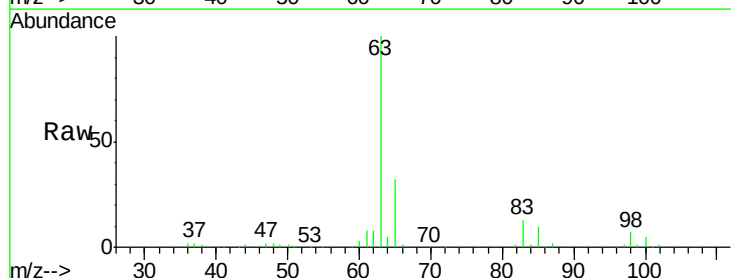
Tgt Ion: 63 Resp: 185182

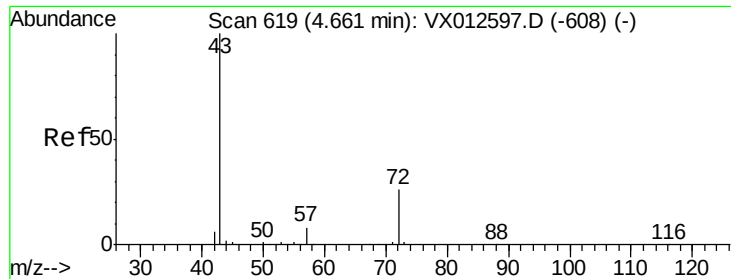
Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.7

100 4.7 2.3 6.9





#25

2-Butanone

Concen: 220.230 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012748.D

Acq: 01 Oct 2019 21:05

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 43 Resp: 421413

Ion Ratio Lower Upper

43 100

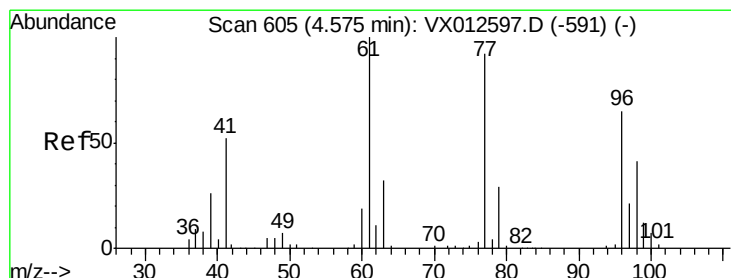
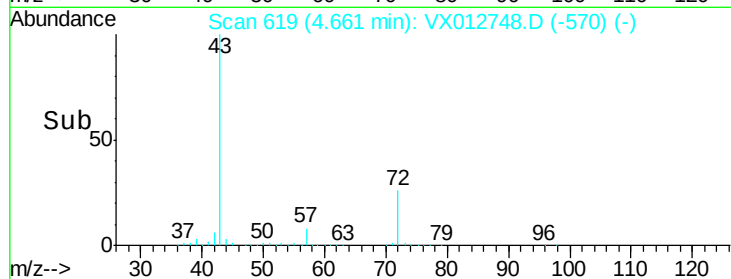
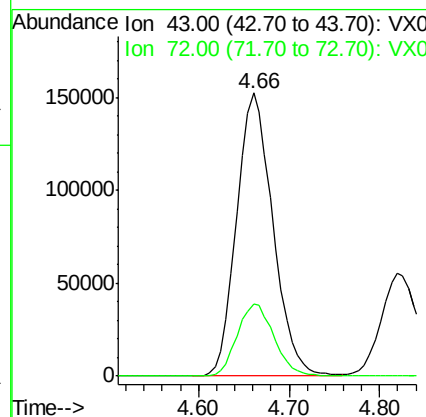
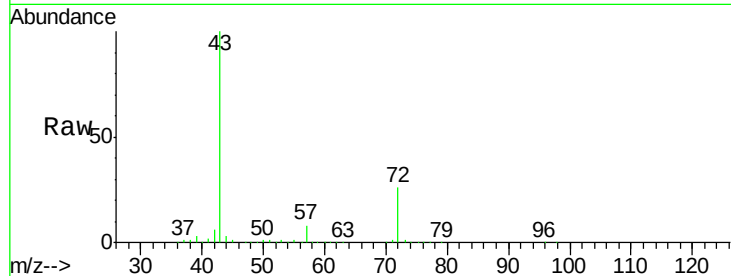
72 25.5 19.2 28.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 39.239 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012748.D

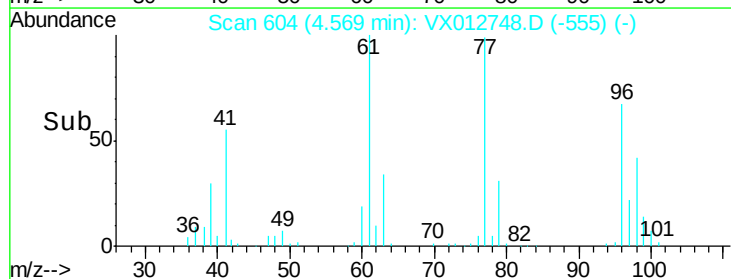
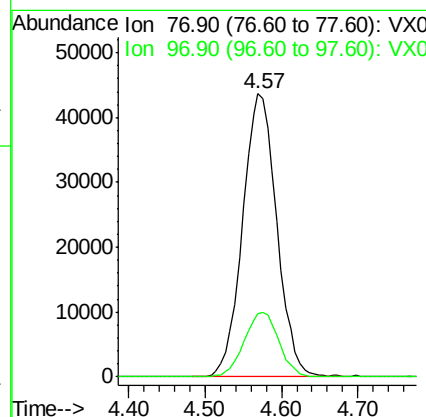
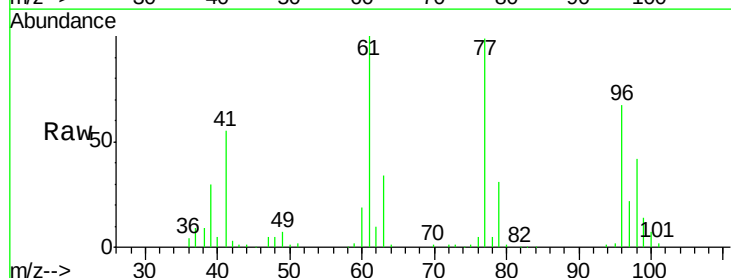
Acq: 01 Oct 2019 21:05

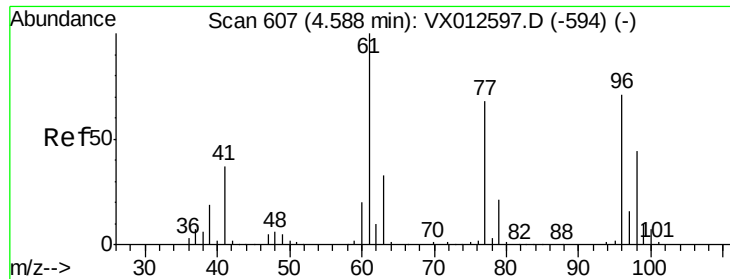
Tgt Ion: 77 Resp: 135288

Ion Ratio Lower Upper

77 100

97 23.2 10.5 31.6





#27

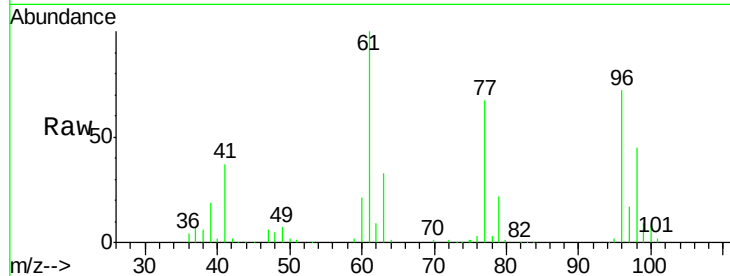
cis-1,2-Dichloroethene
Concen: 48.098 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012748.D
Acq: 01 Oct 2019 21:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	115017		
61	143.2	0.0	319.4	
98	62.7	0.0	130.6	

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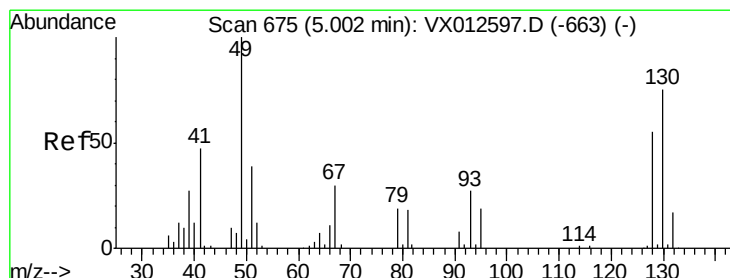
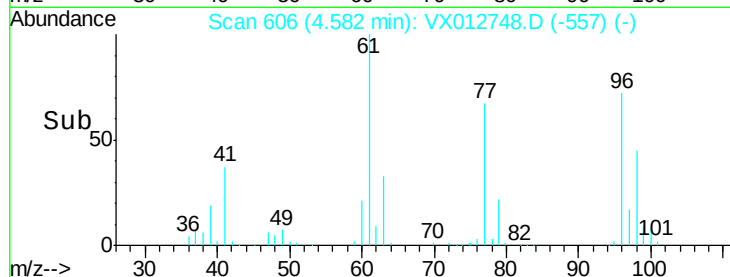
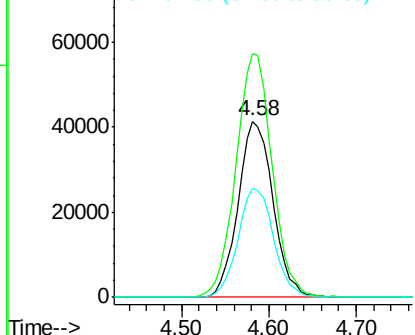


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

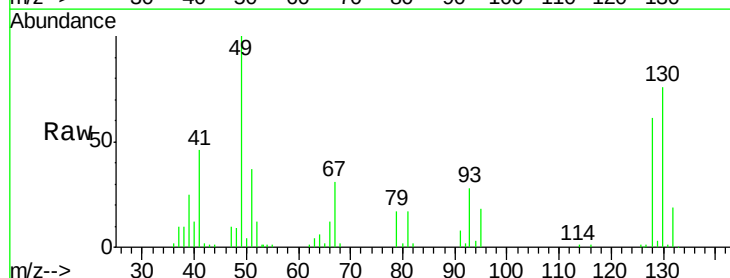
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 46.368 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX012748.D
Acq: 01 Oct 2019 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	65266		
129	1.5	0.0	3.8	
130	76.1	58.2	87.4	

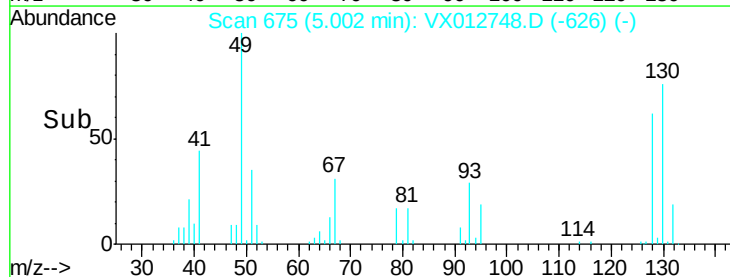
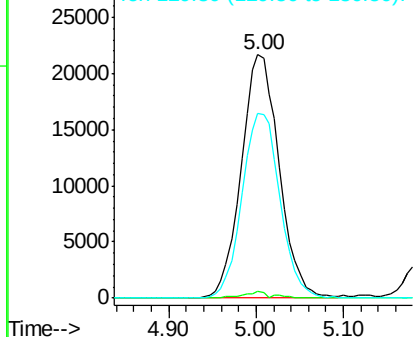


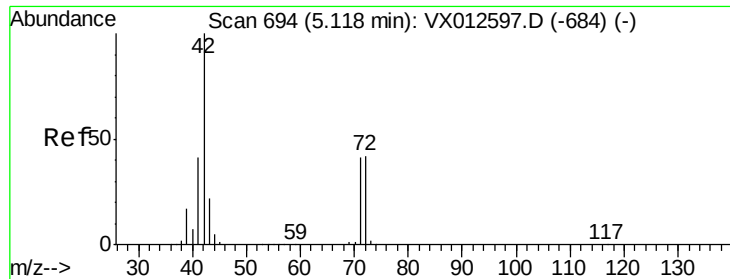
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





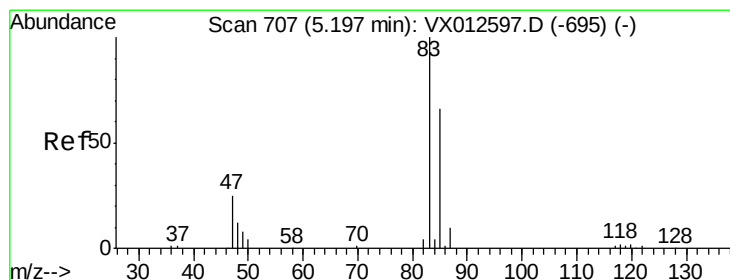
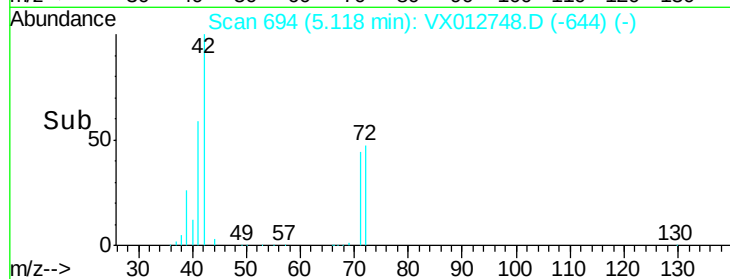
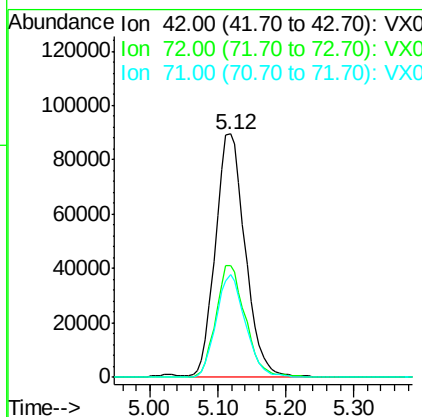
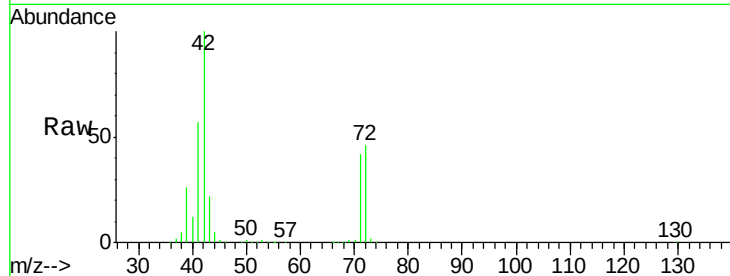
#29
Tetrahydrofuran
Concen: 232.387 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012748.D
Acq: 01 Oct 2019 21:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.6	34.0	51.0
71	41.7	31.5	47.3

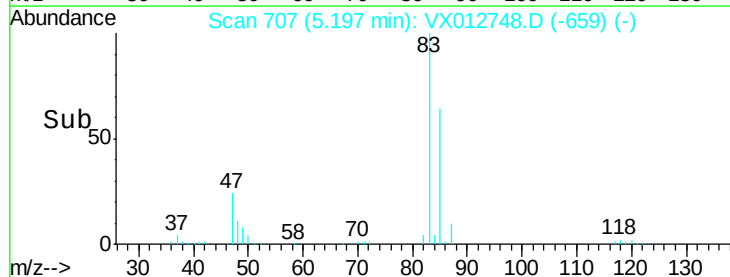
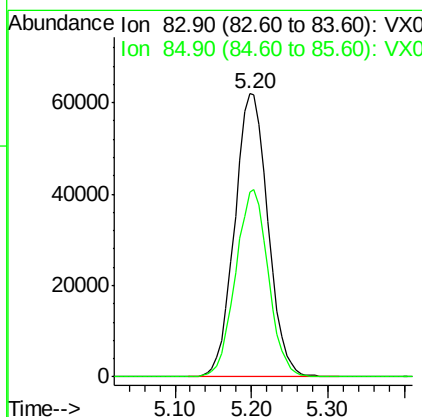
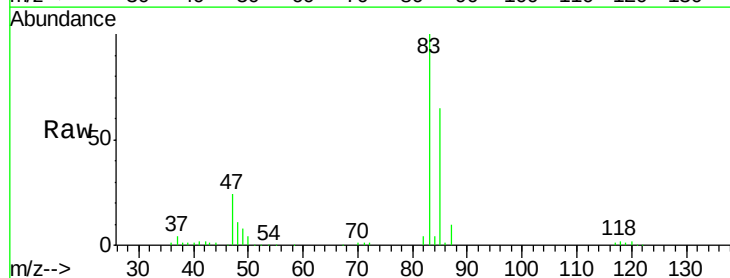
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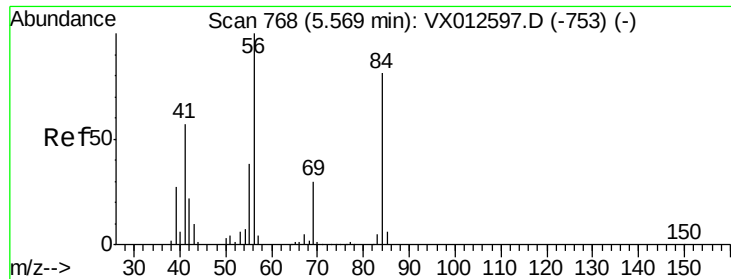
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#30
Chloroform
Concen: 47.164 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012748.D
Acq: 01 Oct 2019 21:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	53.0	79.4





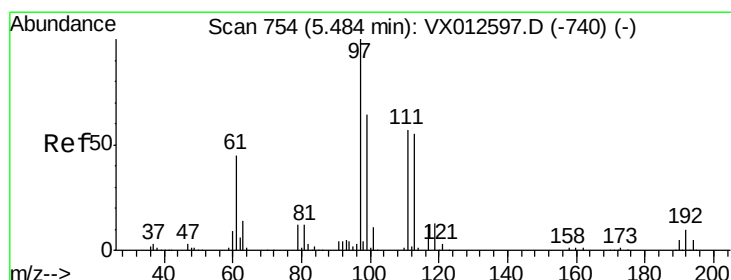
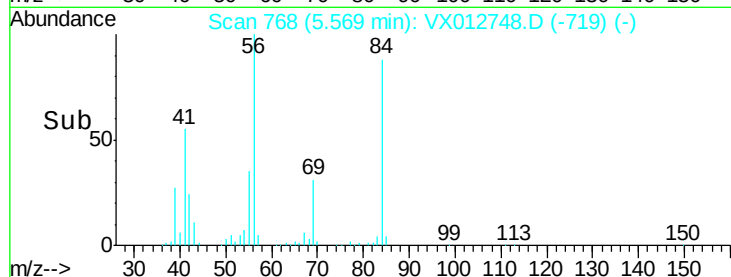
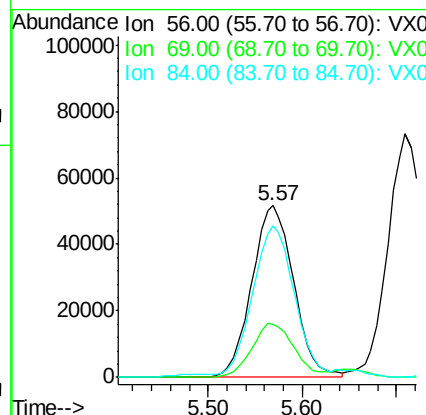
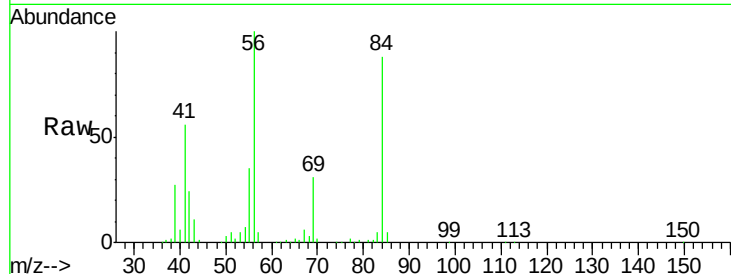
#31
Cyclohexane
Concen: 45.939 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012748.D
Acq: 01 Oct 2019 21:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.9	25.0	37.6
84	86.2	66.4	99.6

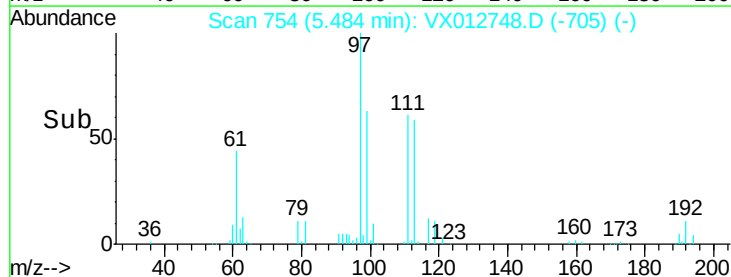
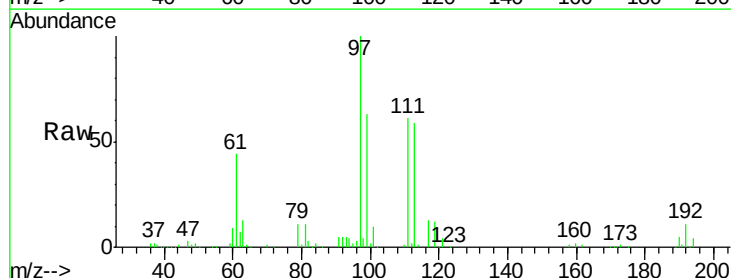
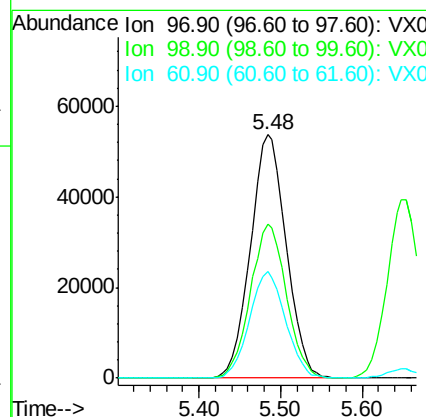
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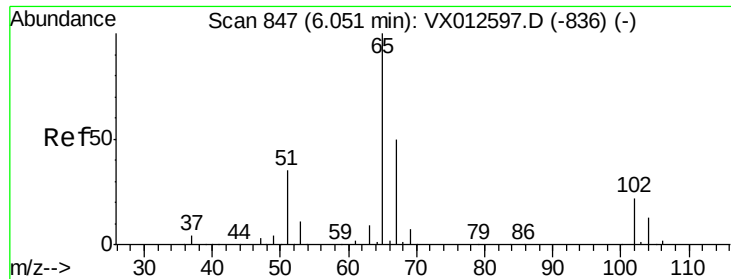
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#32
1,1,1-Trichloroethane
Concen: 46.605 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012748.D
Acq: 01 Oct 2019 21:05

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.3	76.9
61	44.0	36.1	54.1





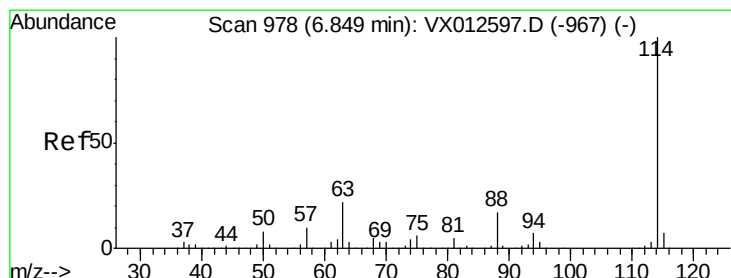
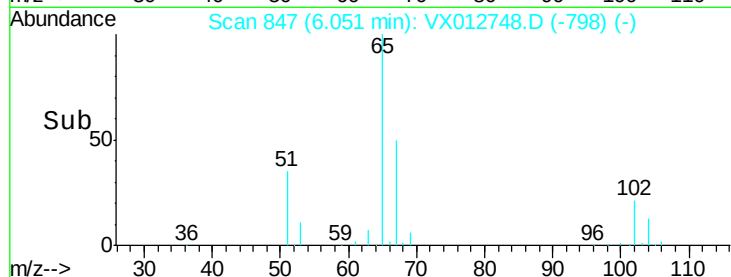
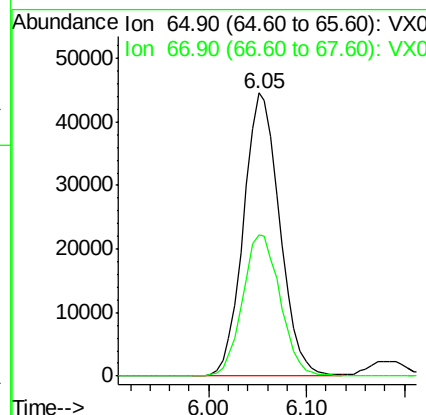
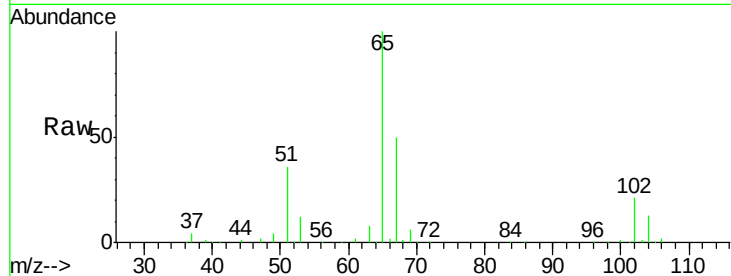
#33
 1,2-Dichloroethane-d4
 Concen: 45.609 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012748.D
 Acq: 01 Oct 2019 21:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	114912		
67	51.9	0.0	101.2	

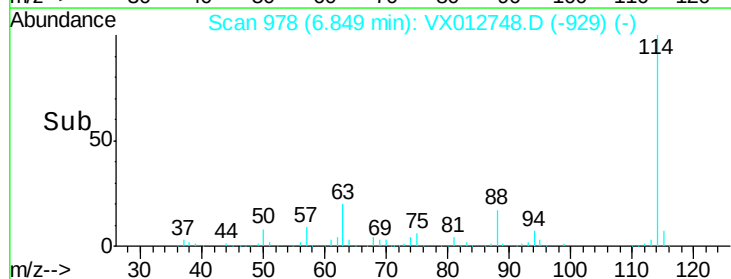
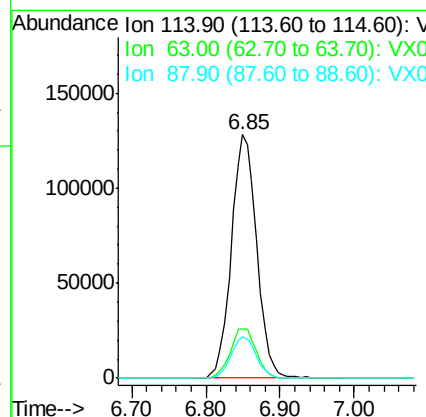
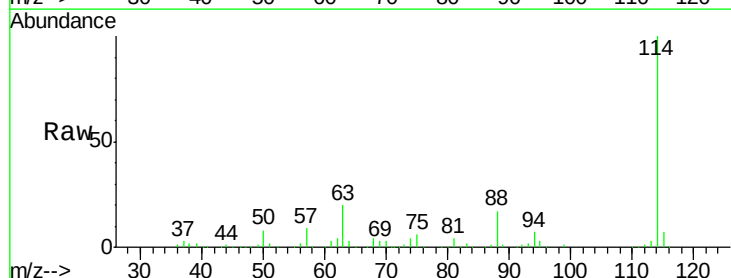
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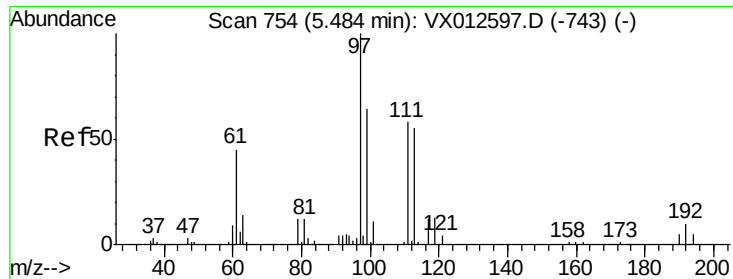
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012748.D
 Acq: 01 Oct 2019 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	304574		
63	20.3	0.0	43.2	
88	16.8	0.0	33.2	





#35

Dibromofluoromethane

Concen: 49.583 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012748.D

Acq: 01 Oct 2019 21:05

Instrument :

MSVOA_X

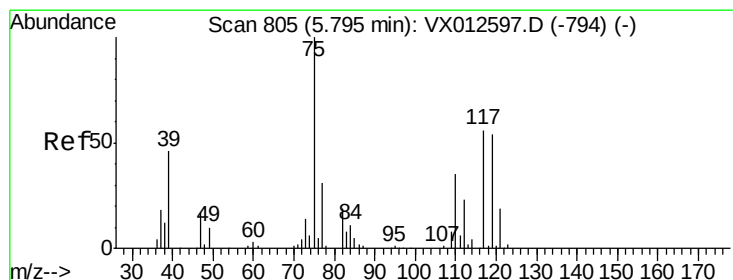
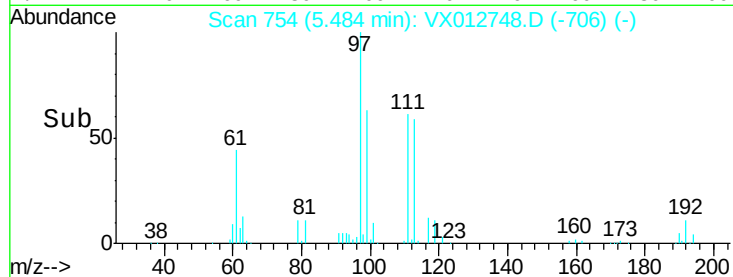
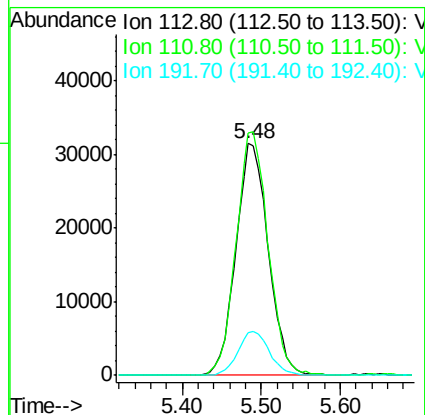
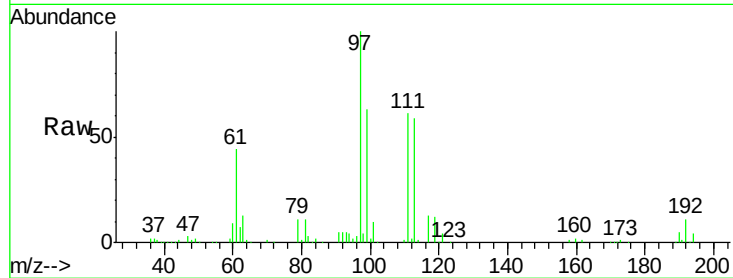
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	89937
Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.4	125.2
192	18.4	14.4	21.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 46.617 ug/l

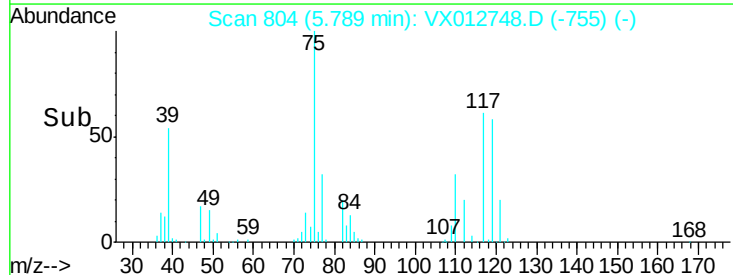
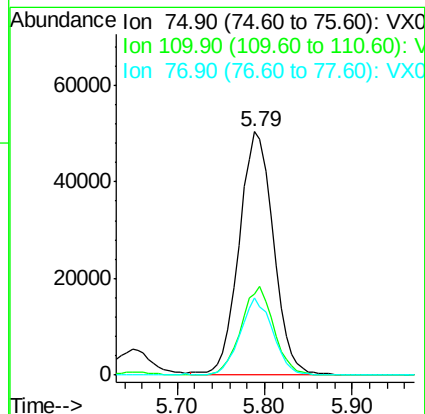
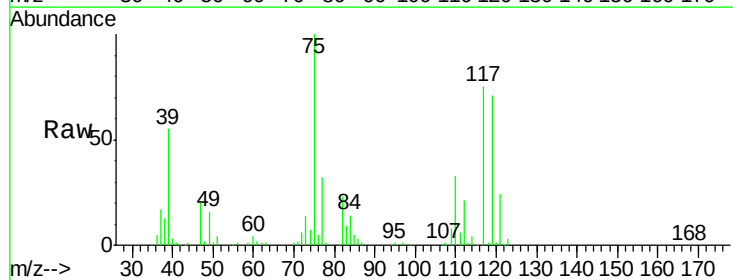
RT: 5.79 min Scan# 804

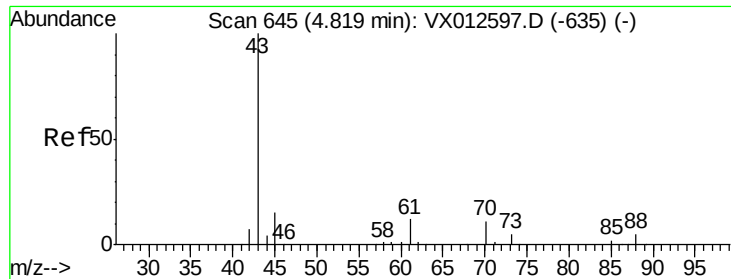
Delta R.T. 0.00 min

Lab File: VX012748.D

Acq: 01 Oct 2019 21:05

Tgt Ion:	75	Resp:	136857
Ion	Ratio	Lower	Upper
75	100		
110	34.9	16.7	50.0
77	30.5	24.2	36.2





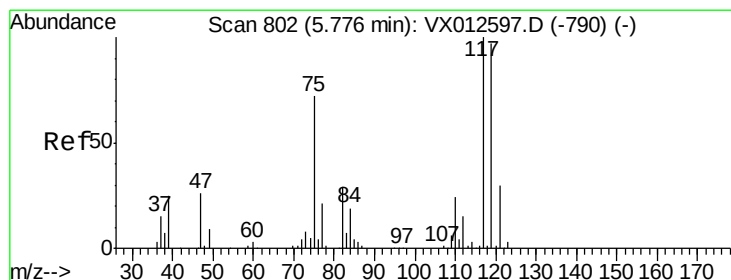
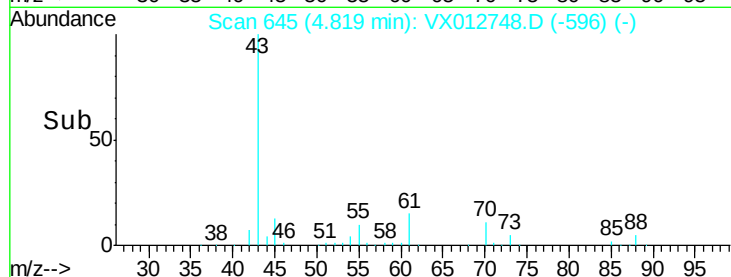
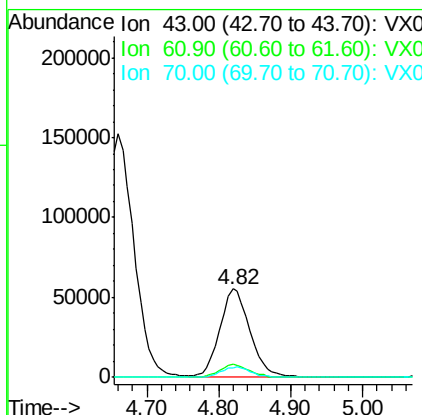
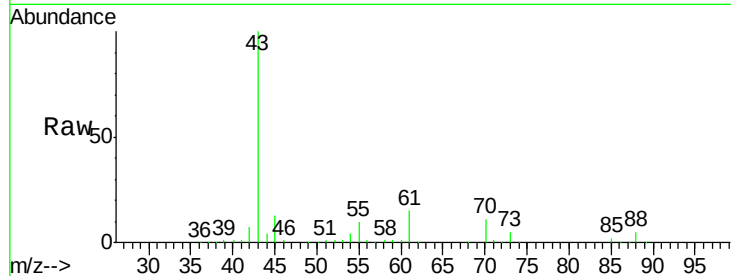
#37
Ethyl Acetate
Concen: 46.760 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012748.D
Acq: 01 Oct 2019 21:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	160491
Ion	Ratio	Lower	Upper
43	100		
61	14.9	10.2	15.4
70	11.9	8.7	13.1

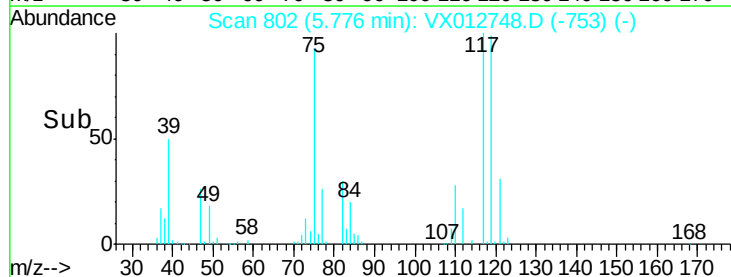
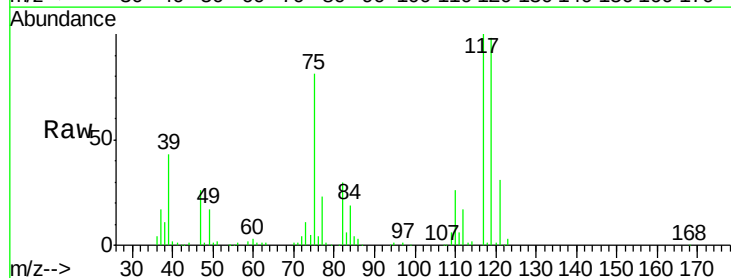
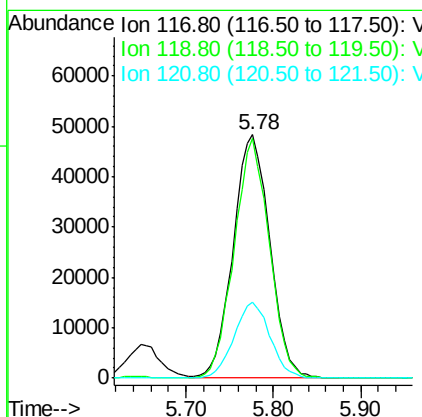
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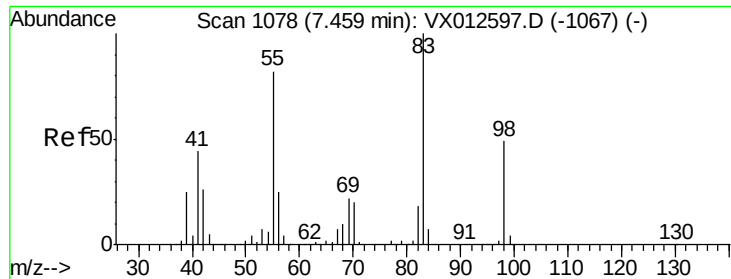
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#38
Carbon Tetrachloride
Concen: 47.256 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012748.D
Acq: 01 Oct 2019 21:05

Tgt Ion:	117	Resp:	140927
Ion	Ratio	Lower	Upper
117	100		
119	98.3	75.7	113.5
121	31.2	24.2	36.4





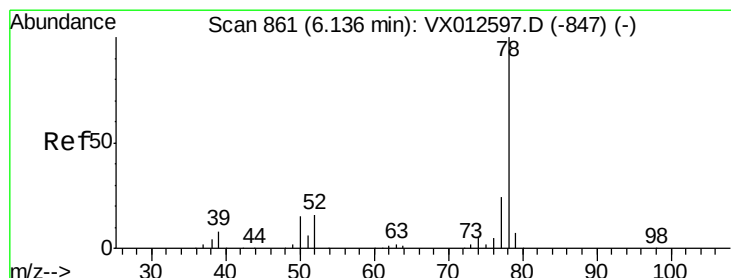
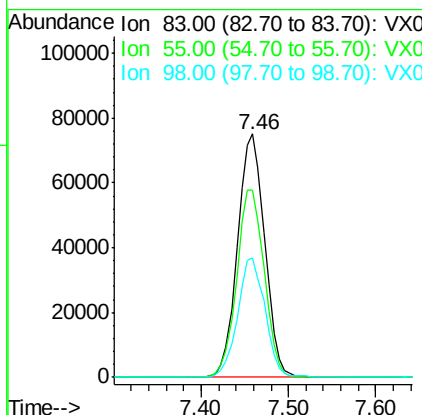
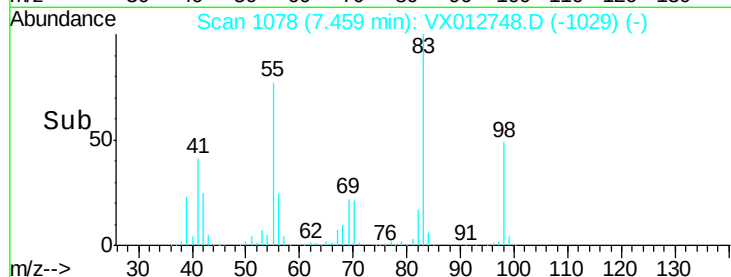
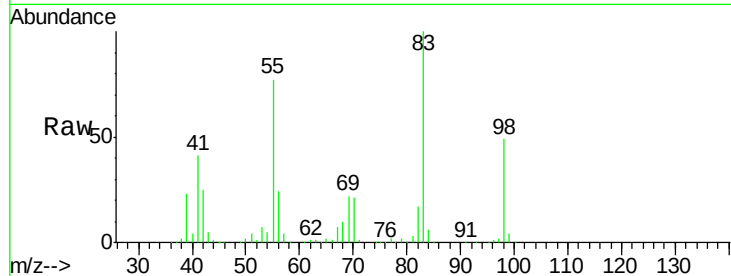
#39
Methylvlcyclohexane
Concen: 45.883 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012748.D
Acq: 01 Oct 2019 21:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.9	64.4	96.6
98	48.9	40.1	60.1

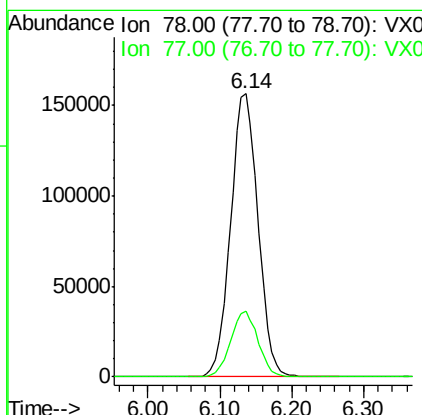
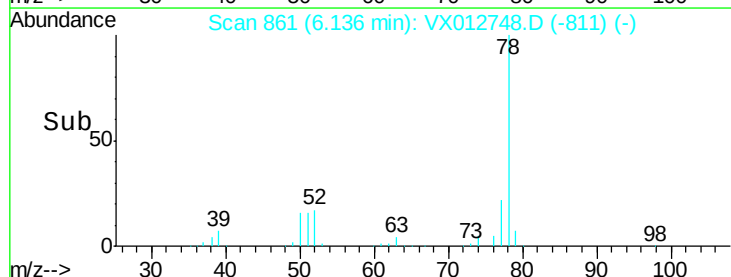
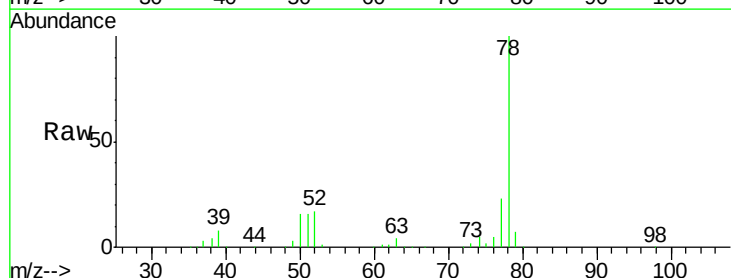
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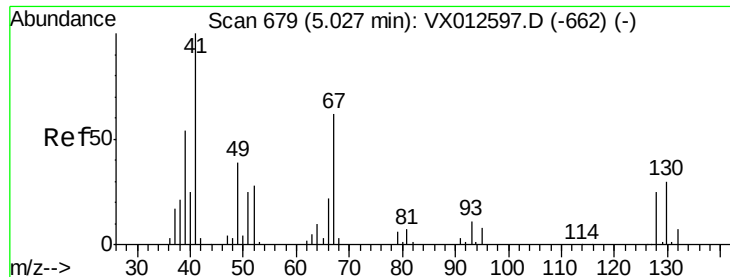
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#40
Benzene
Concen: 47.957 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012748.D
Acq: 01 Oct 2019 21:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.2	28.8





#41

Methacrylonitrile

Concen: 46.590 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX012748.D

Acq: 01 Oct 2019 21:05

Instrument :

MSVOA_X

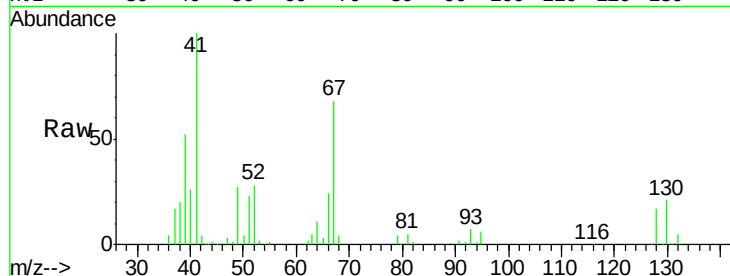
ClientSampleId :

VSTDCCC050EC

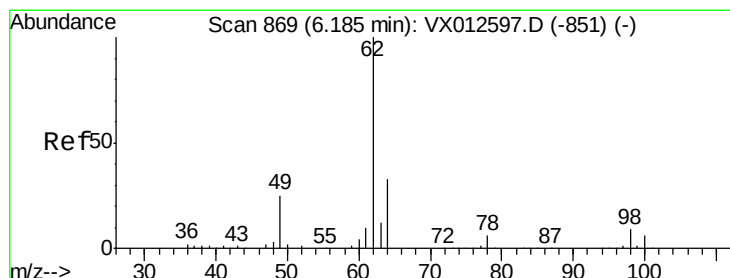
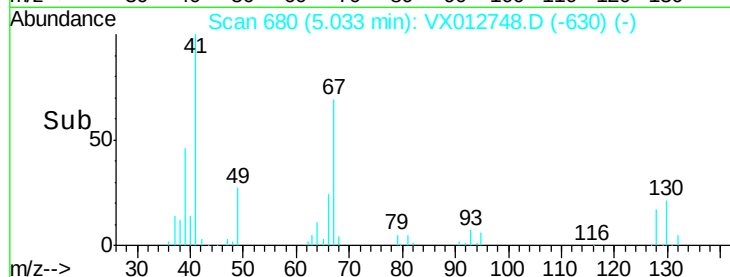
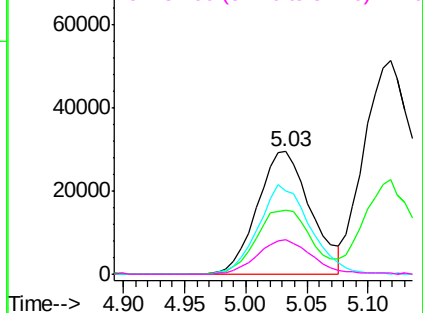
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		89719		
39	53.1	46.0	69.0		
67	70.9	52.2	78.2		
52	28.7	22.7	34.1		

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Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 46.300 ug/l

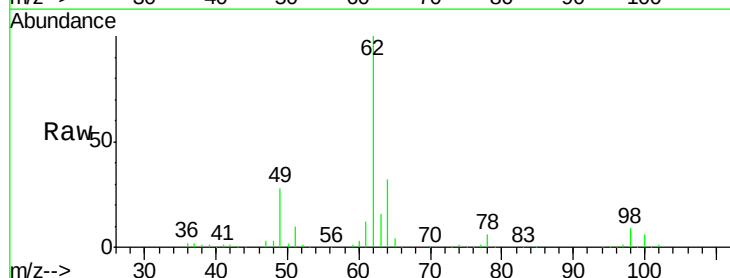
RT: 6.18 min Scan# 869

Delta R.T. 0.00 min

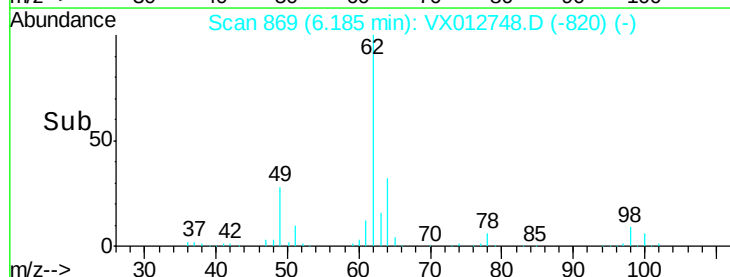
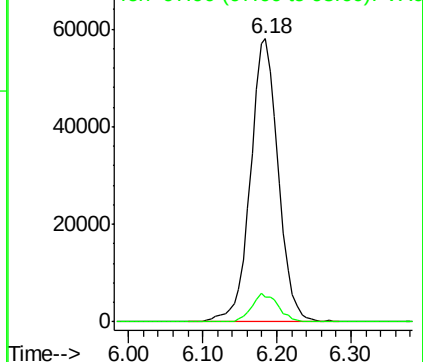
Lab File: VX012748.D

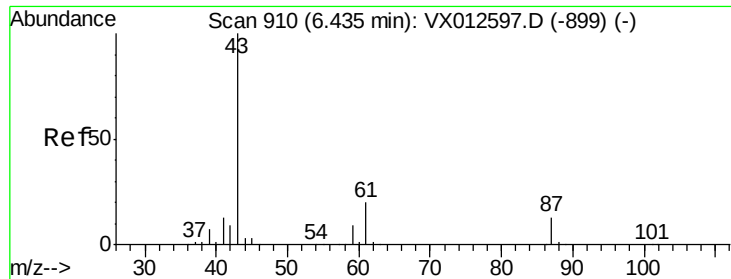
Acq: 01 Oct 2019 21:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		151871		
98	9.5	0.0	17.8		



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 45.940 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012748.D

Acq: 01 Oct 2019 21:05

Instrument :

MSVOA_X

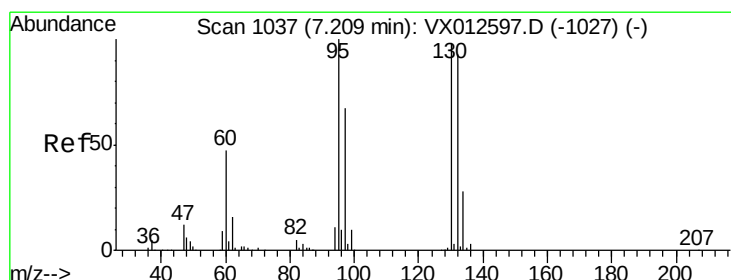
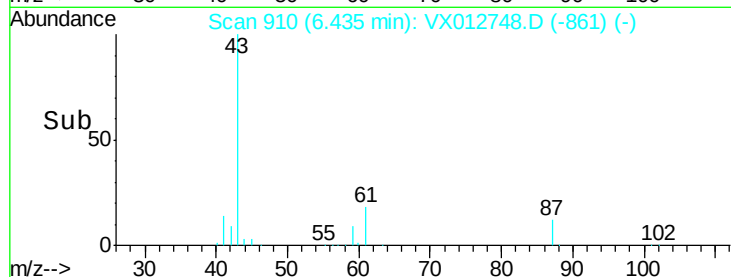
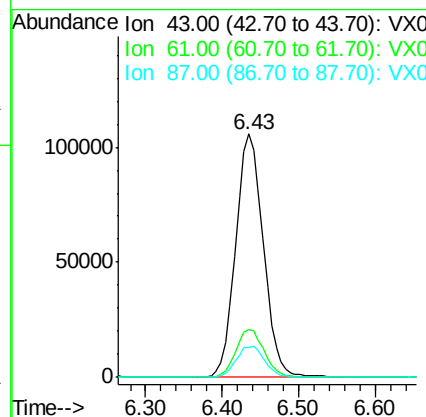
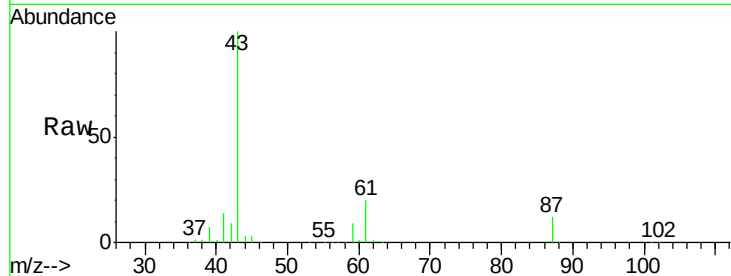
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	263683
Ion	Ratio	Lower	Upper
43	100		
61	20.4	15.4	23.0
87	13.3	9.8	14.8

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#44

Trichloroethene

Concen: 48.351 ug/l

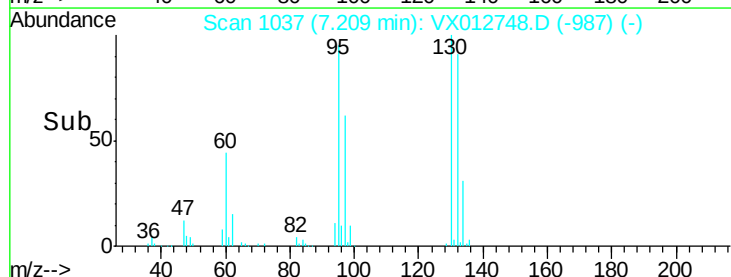
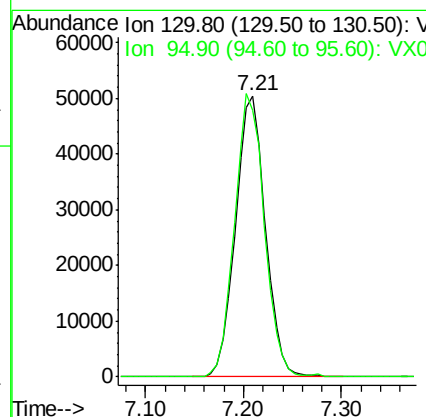
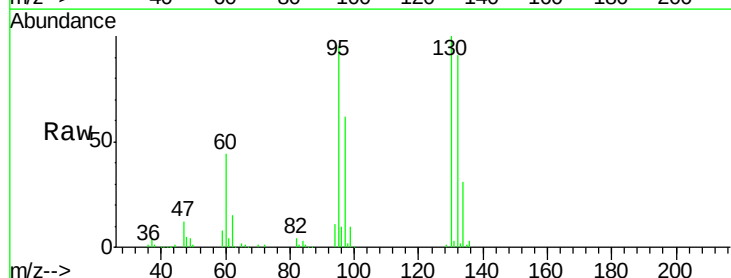
RT: 7.21 min Scan# 1037

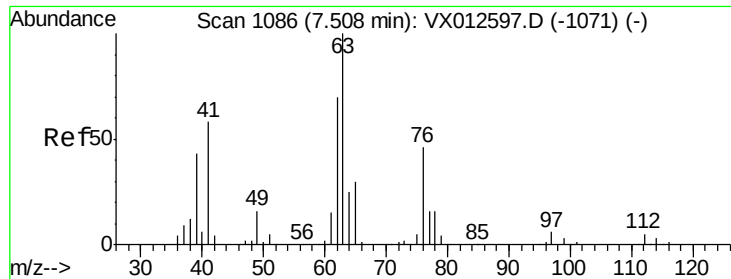
Delta R.T. 0.01 min

Lab File: VX012748.D

Acq: 01 Oct 2019 21:05

Tgt Ion:	130	Resp:	106771
Ion	Ratio	Lower	Upper
130	100		
95	94.7	0.0	193.0





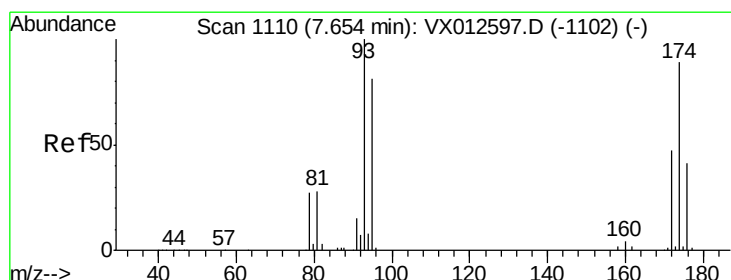
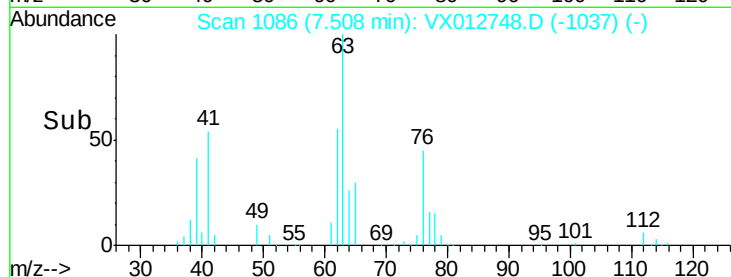
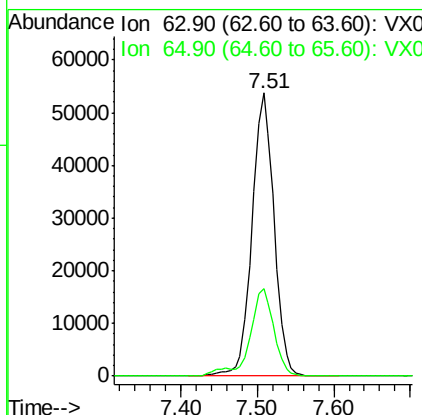
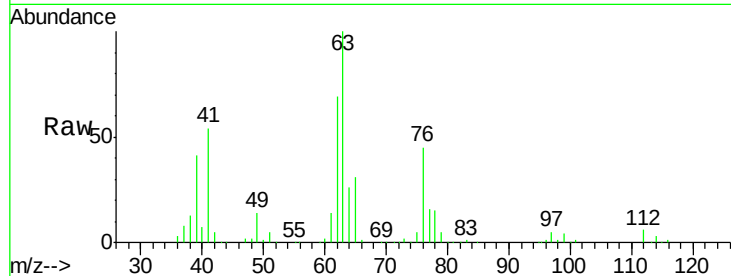
#45
 1,2-Dichloropropane
 Concen: 49.052 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012748.D
 Acq: 01 Oct 2019 21:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 108477
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.0 37.6

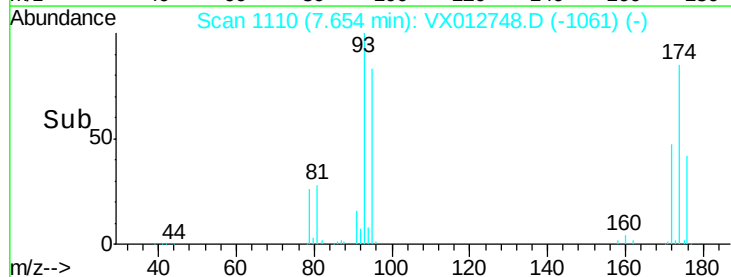
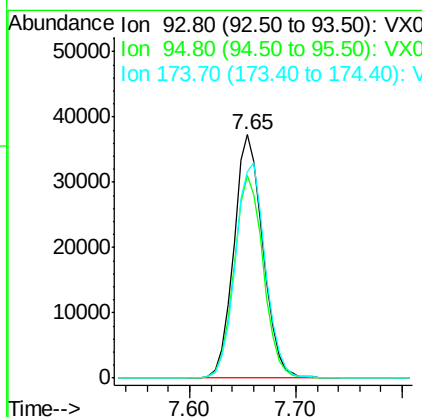
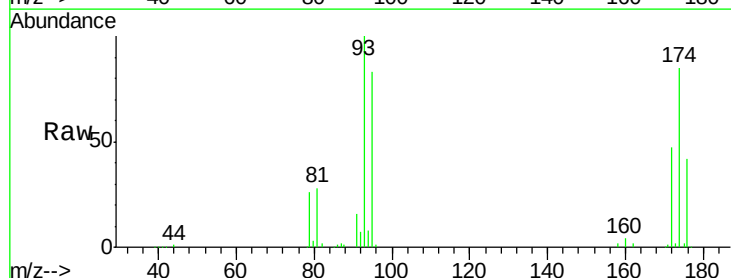
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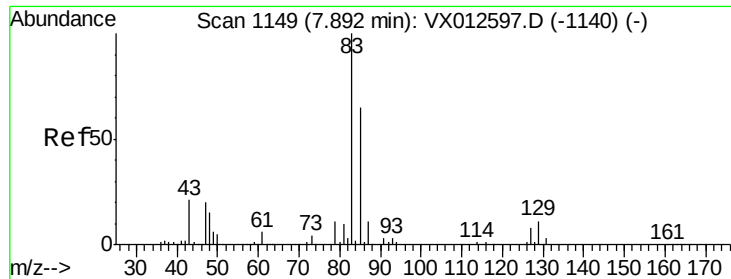
MMDadoda
 10/2/2019 10:07:36 AM



#46
 Dibromomethane
 Concen: 47.473 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012748.D
 Acq: 01 Oct 2019 21:05

Tgt Ion: 93 Resp: 71481
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.6 100.0
 174 91.4 77.4 116.0





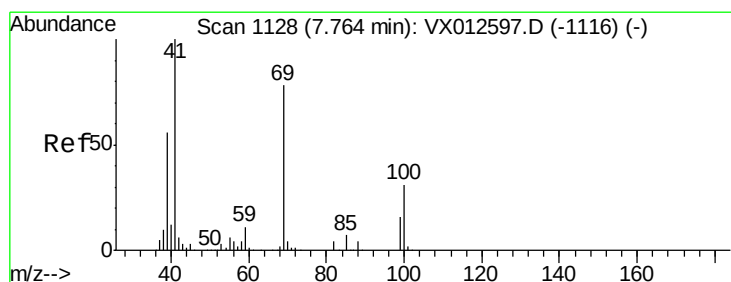
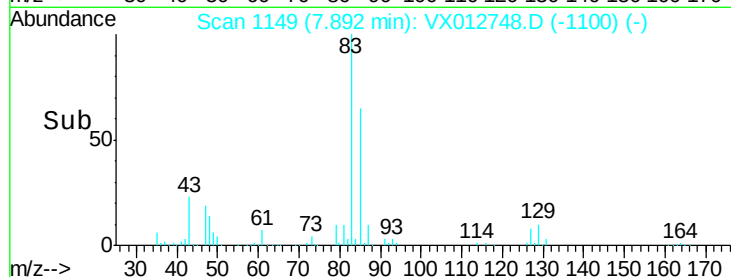
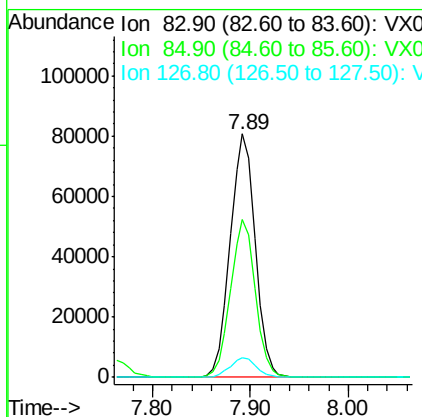
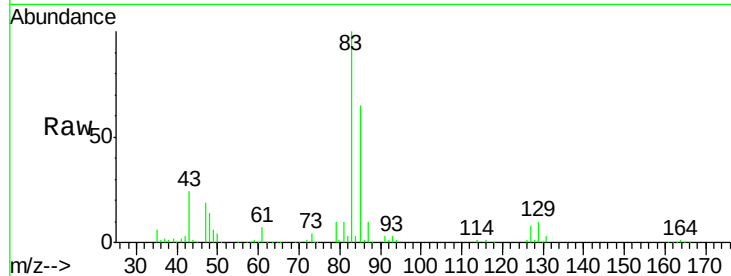
#47
Bromodichloromethane
Concen: 47.744 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VX012748.D
Acq: 01 Oct 2019 21:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	143679
Ion Ratio	100	Lower	Upper
83	100		
85	64.7	51.8	77.6
127	7.9	7.3	10.9

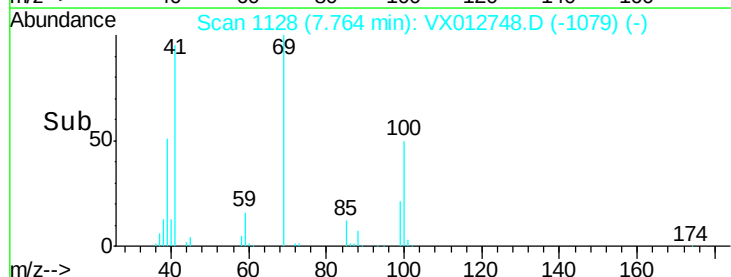
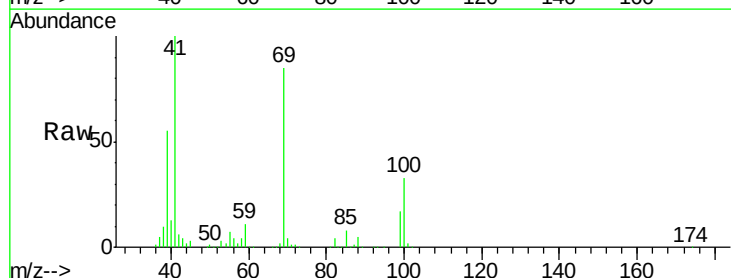
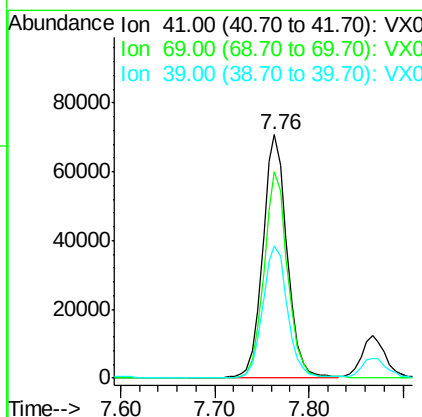
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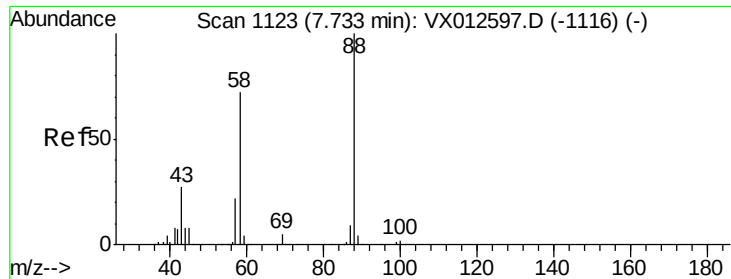
MMDadoda
10/2/2019 10:07:36 AM



#48
Methyl methacrylate
Concen: 46.707 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX012748.D
Acq: 01 Oct 2019 21:05

Tgt Ion	41	Resp	128546
Ion Ratio	100	Lower	Upper
41	100		
69	82.5	59.9	89.9
39	55.6	47.8	71.6





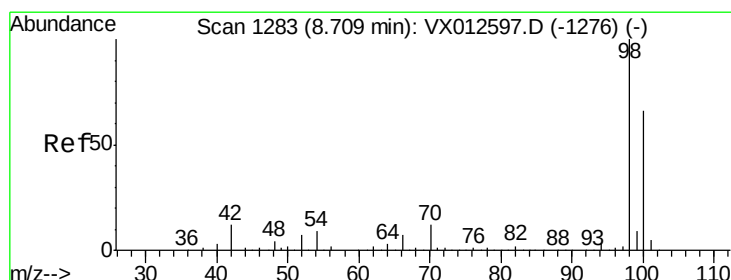
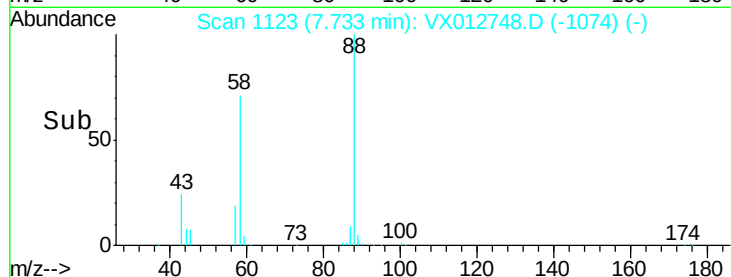
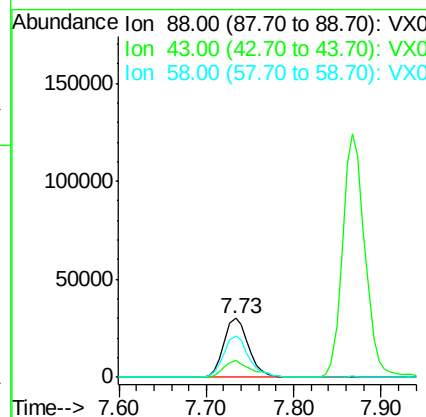
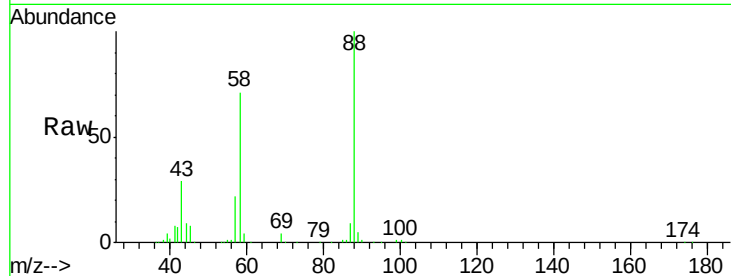
#49
1,4-Dioxane
Concen: 955.462 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012748.D
Acq: 01 Oct 2019 21:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.3	29.4	44.0
58	70.9	57.5	86.3

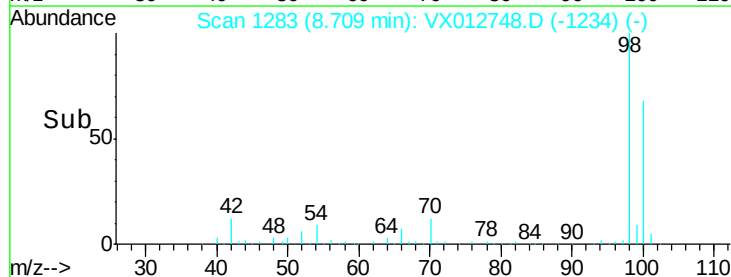
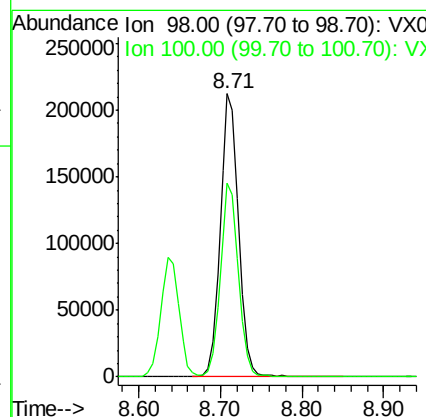
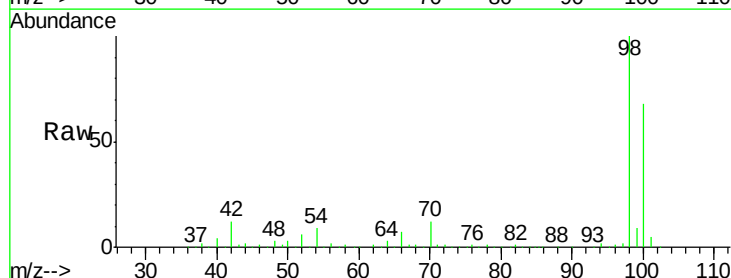
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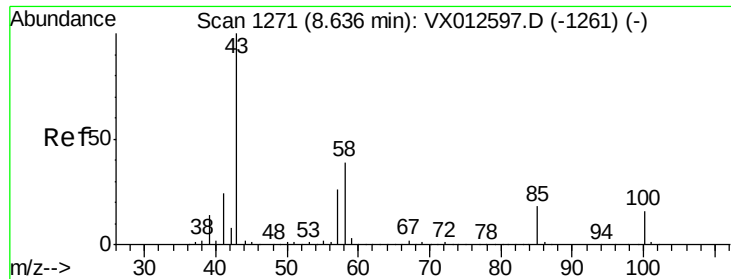
MMDadoda
10/2/2019 10:07:36 AM



#50
Toluene-d8
Concen: 47.923 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012748.D
Acq: 01 Oct 2019 21:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.4	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 232.630 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012748.D

Acq: 01 Oct 2019 21:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 824217

Ion Ratio Lower Upper

43 100

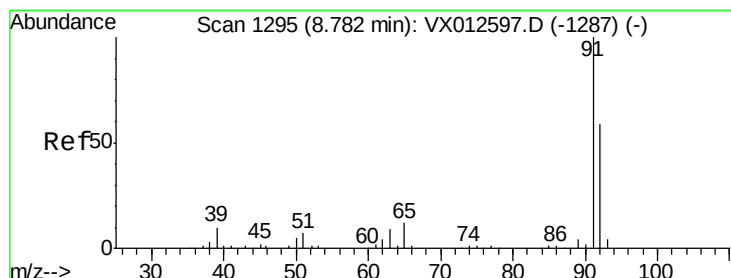
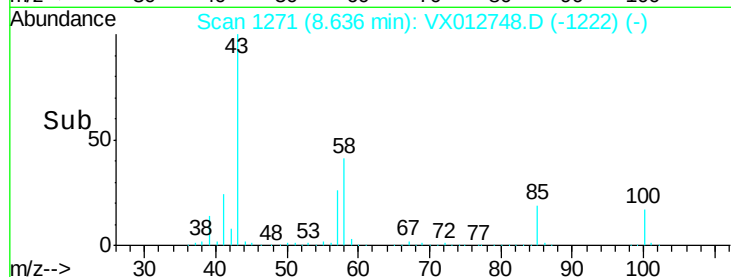
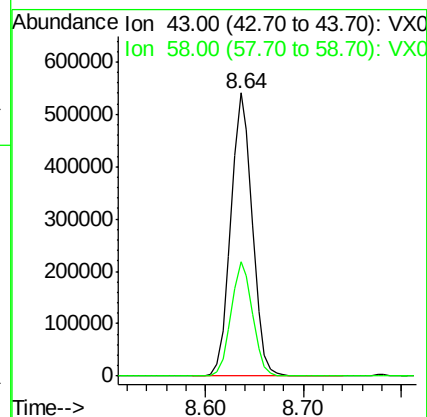
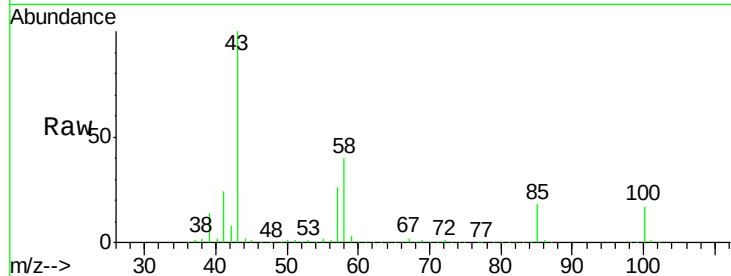
58 40.2 29.8 44.6

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#52

Toluene

Concen: 48.032 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012748.D

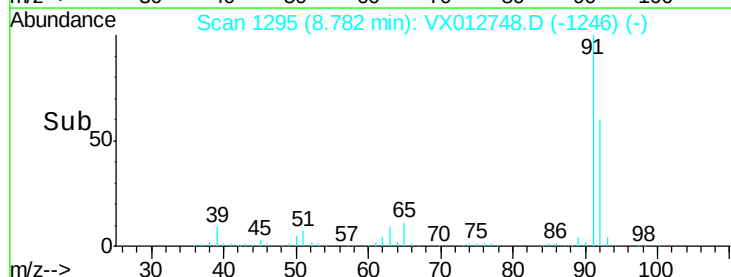
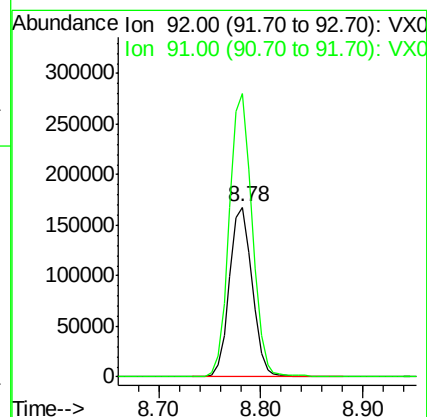
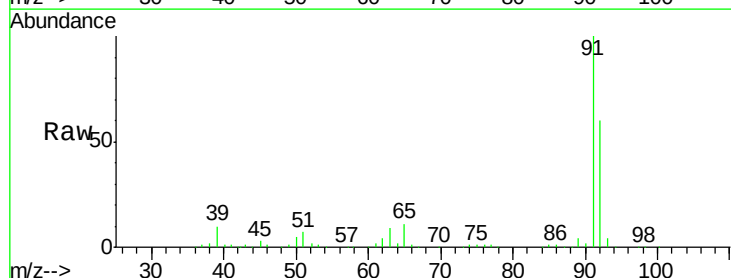
Acq: 01 Oct 2019 21:05

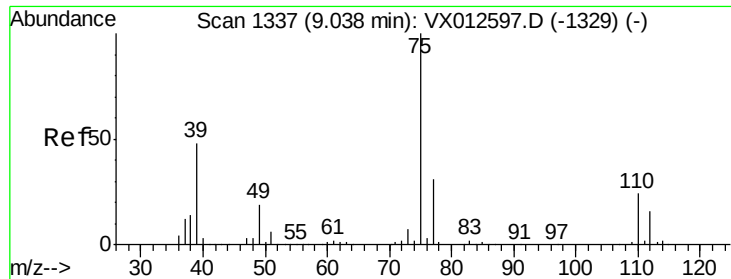
Tgt Ion: 92 Resp: 260766

Ion Ratio Lower Upper

92 100

91 167.5 135.4 203.0





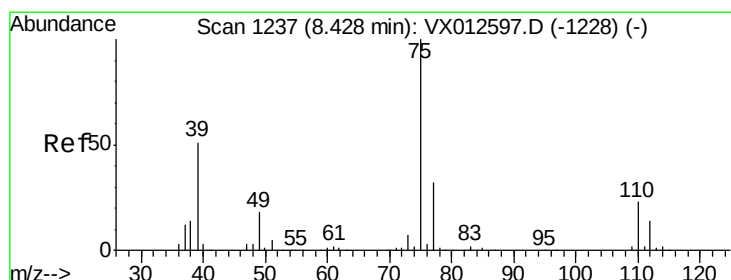
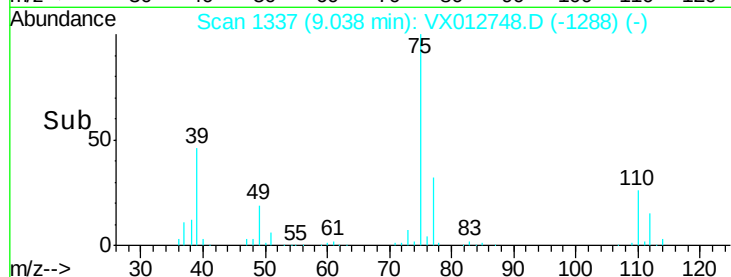
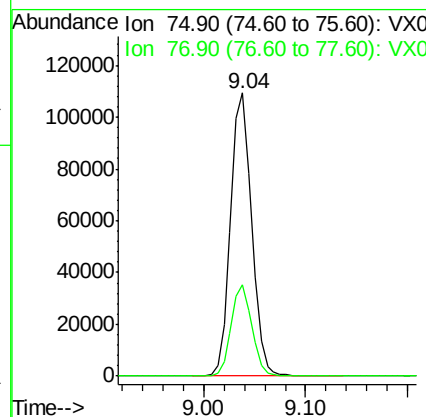
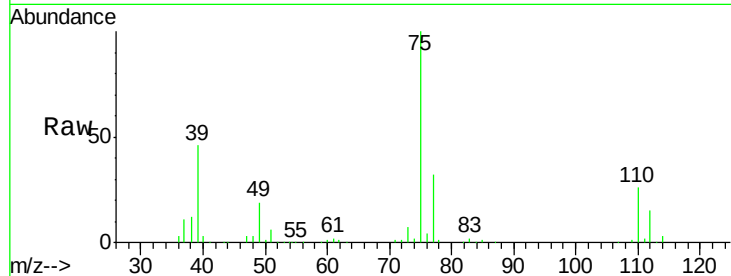
#53
t-1,3-Dichloropropene
Concen: 46.986 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012748.D
Acq: 01 Oct 2019 21:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 156443
Ion Ratio Lower Upper
75 100
77 32.3 25.2 37.8

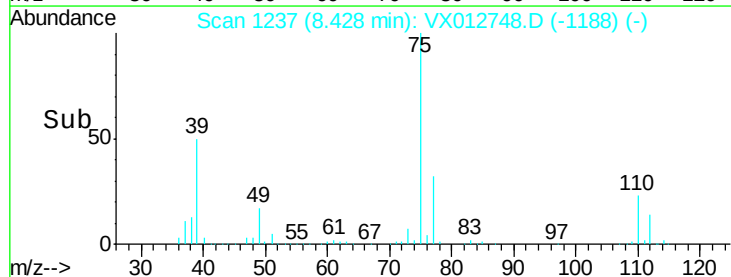
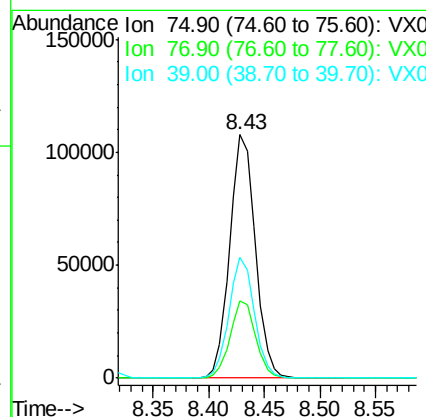
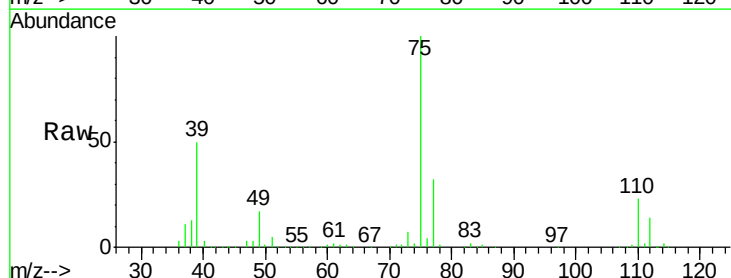
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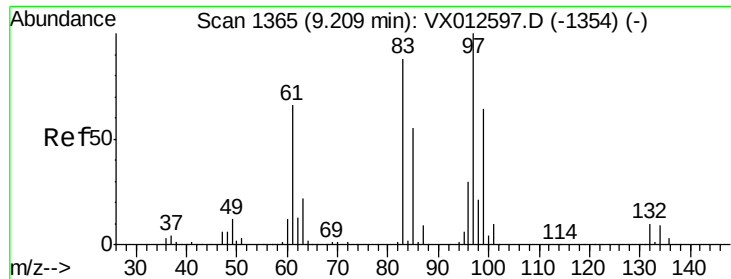
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 47.268 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012748.D
Acq: 01 Oct 2019 21:05

Tgt Ion: 75 Resp: 171836
Ion Ratio Lower Upper
75 100
77 31.8 25.8 38.8
39 49.5 45.5 68.3





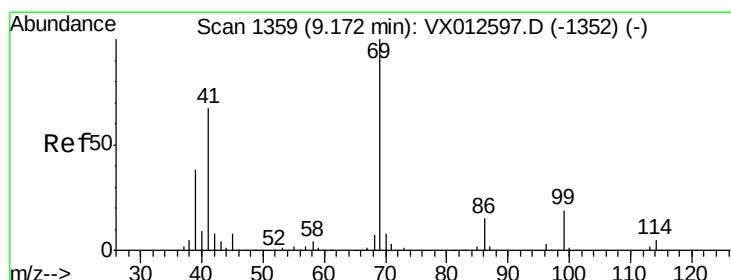
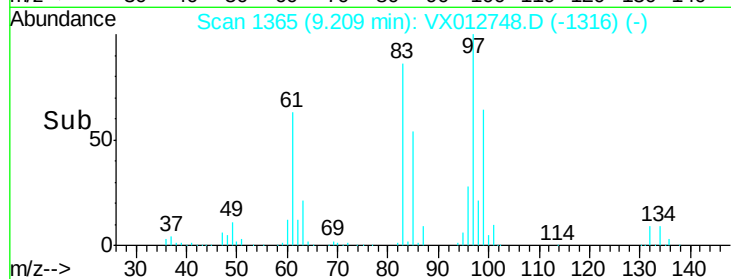
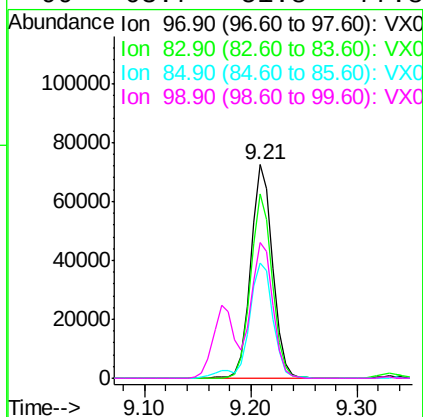
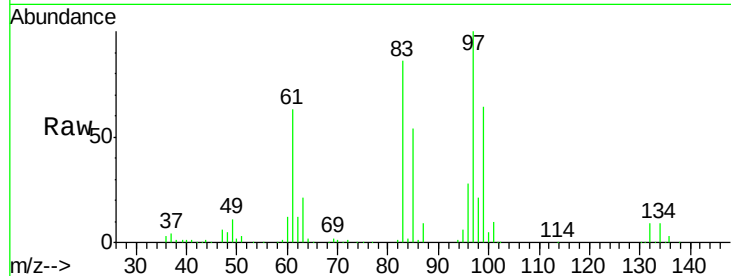
#55
 1,1,2-Trichloroethane
 Concen: 48.335 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012748.D
 Acq: 01 Oct 2019 21:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	104326
Ion	Ratio	Lower	Upper
97	100		
83	86.4	67.4	101.2
85	54.0	43.5	65.3
99	63.7	51.8	77.8

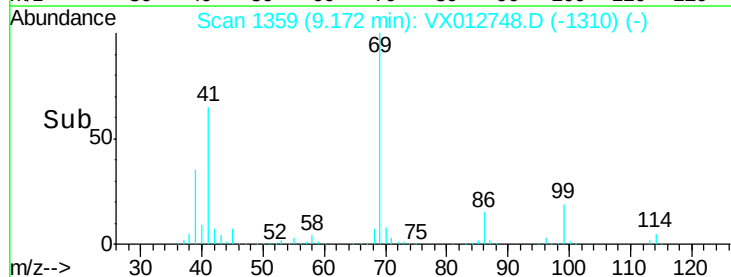
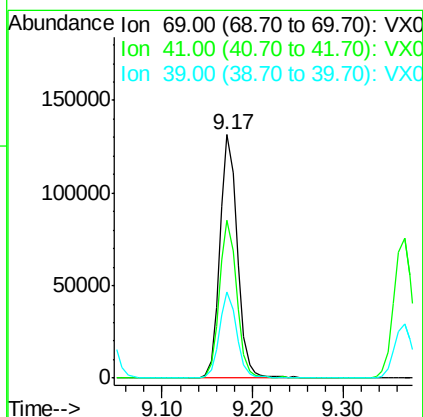
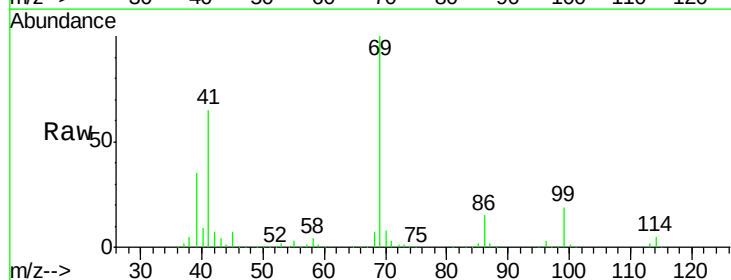
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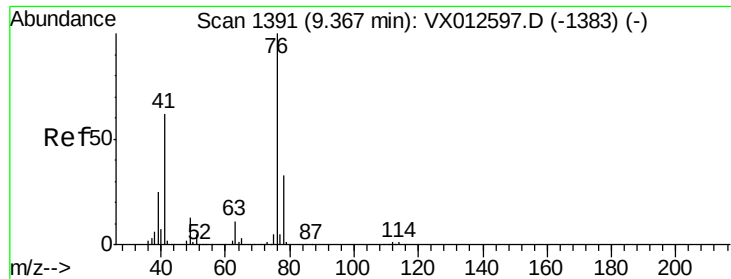
MMDadoda
 10/2/2019 10:07:36 AM



#56
 Ethyl methacrylate
 Concen: 49.021 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012748.D
 Acq: 01 Oct 2019 21:05

Tgt Ion:	69	Resp:	177755
Ion	Ratio	Lower	Upper
69	100		
41	65.0	58.4	87.6
39	35.2	33.4	50.0





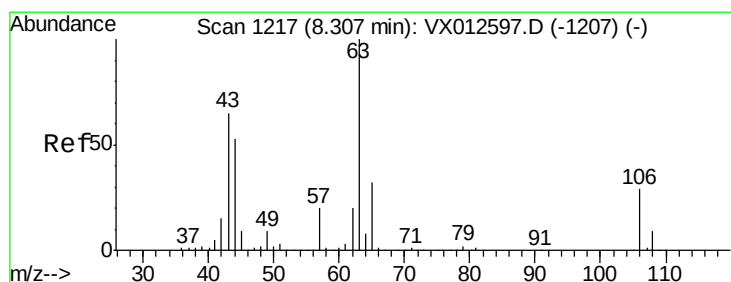
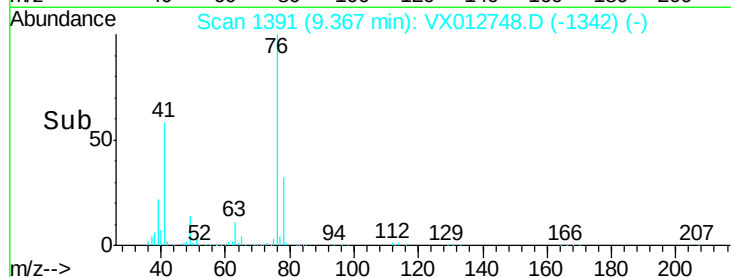
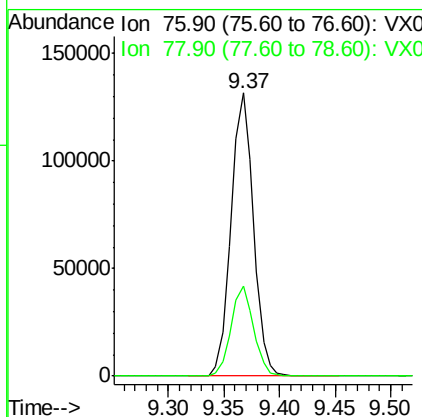
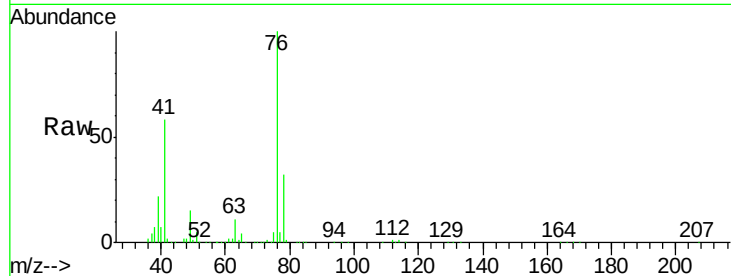
#57
 1,3-Dichloropropane
 Concen: 48.588 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012748.D
 Acq: 01 Oct 2019 21:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 183544
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.2 39.2

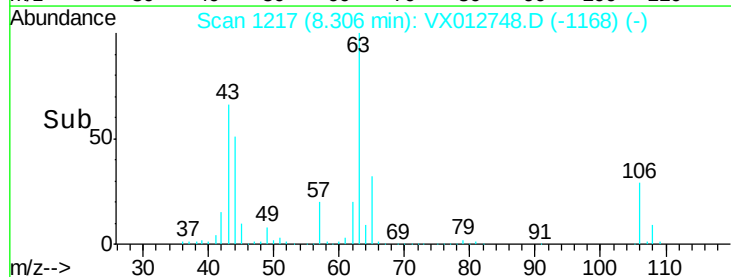
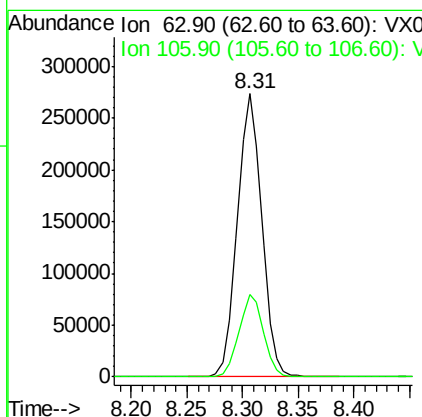
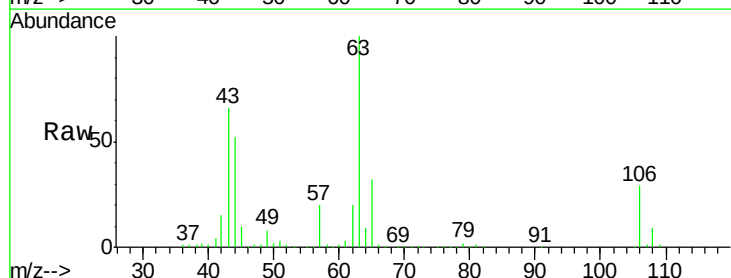
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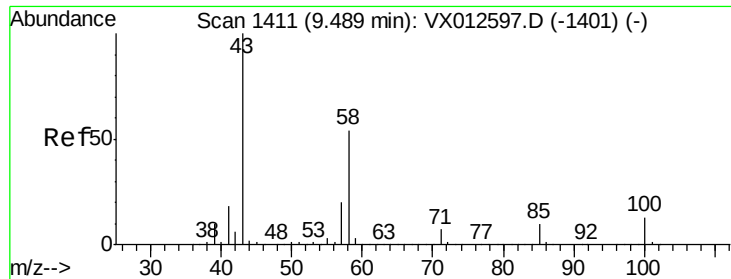
MMDadoda
 10/2/2019 10:07:36 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 256.380 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX012748.D
 Acq: 01 Oct 2019 21:05

Tgt Ion: 63 Resp: 417302
 Ion Ratio Lower Upper
 63 100
 106 29.0 23.8 35.6





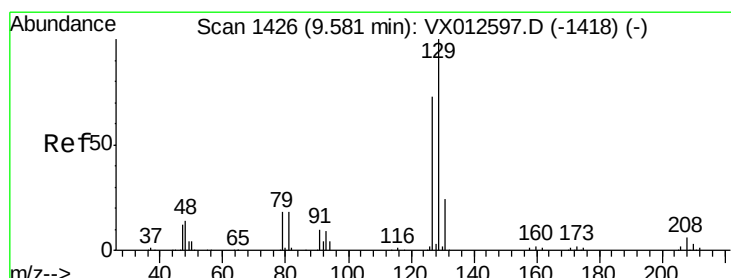
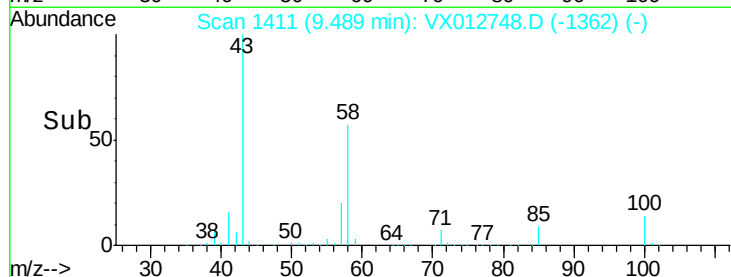
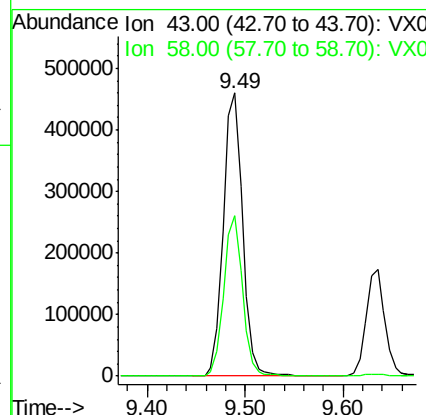
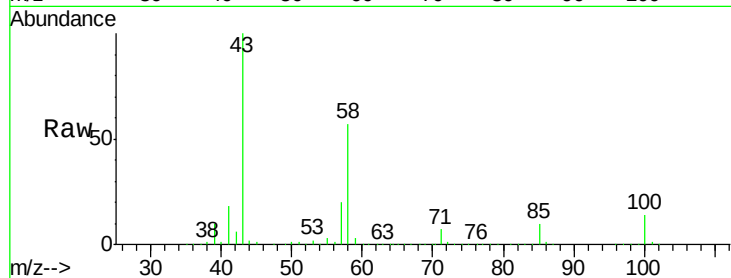
#59
 2-Hexanone
 Concen: 233.083 ug/l
 RT: 9.49 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX012748.D
 Acq: 01 Oct 2019 21:05

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Tot Ion: 43 Resp: 632118
 Ion Ratio Lower Upper
 43 100
 58 55.4 25.7 77.1

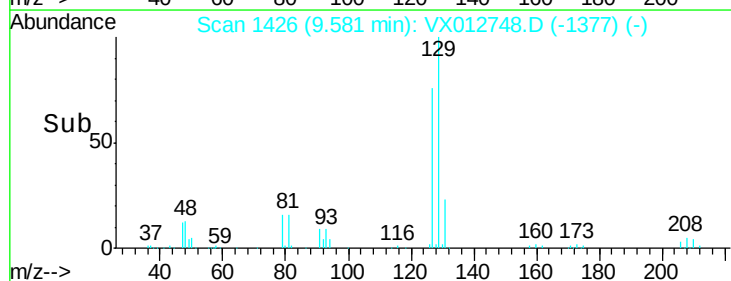
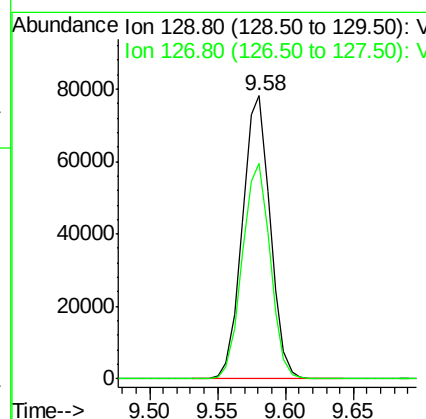
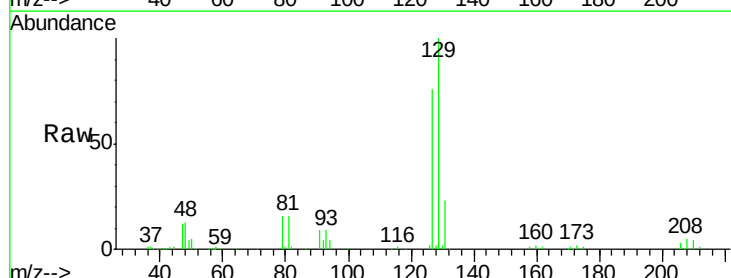
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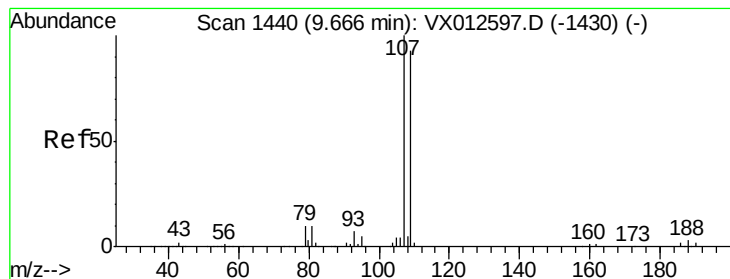
MMDadoda
 10/2/2019 10:07:36 AM



#60
 Dibromochloromethane
 Concen: 50.956 ug/l
 RT: 9.58 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: VX012748.D
 Acq: 01 Oct 2019 21:05

Tgt Ion: 129 Resp: 111335
 Ion Ratio Lower Upper
 129 100
 127 76.4 38.9 116.6





#61

1,2-Dibromoethane

Concen: 49.737 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012748.D

Acq: 01 Oct 2019 21:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 111725

Ion Ratio Lower Upper

107 100

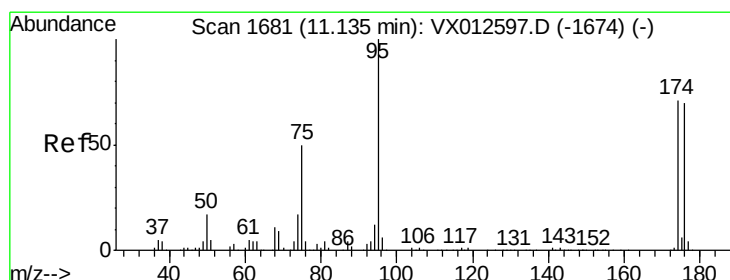
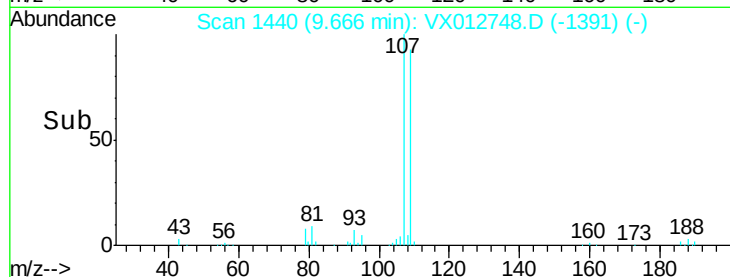
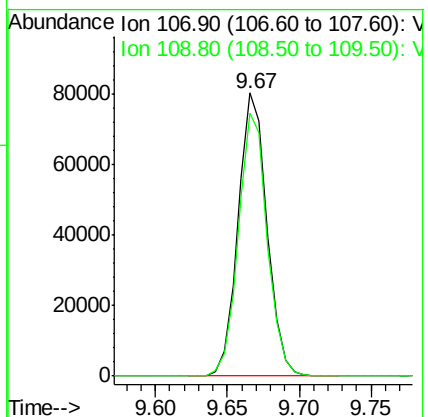
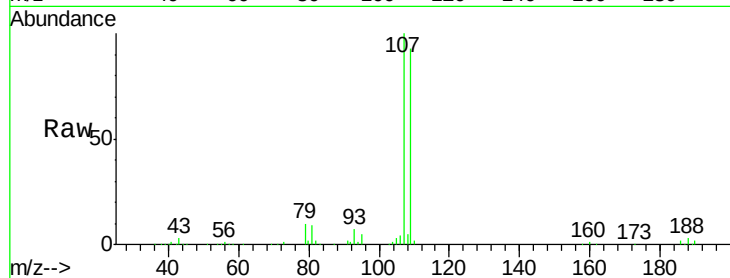
109 93.1 74.7 112.1

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#62

4-Bromofluorobenzene

Concen: 46.421 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012748.D

Acq: 01 Oct 2019 21:05

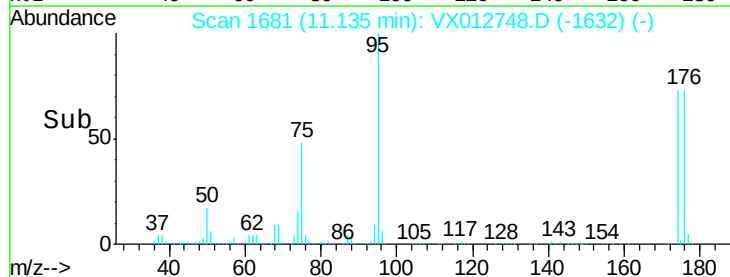
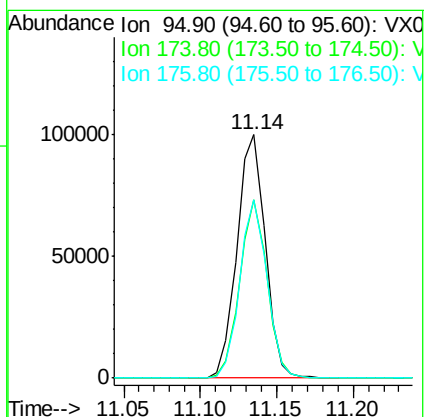
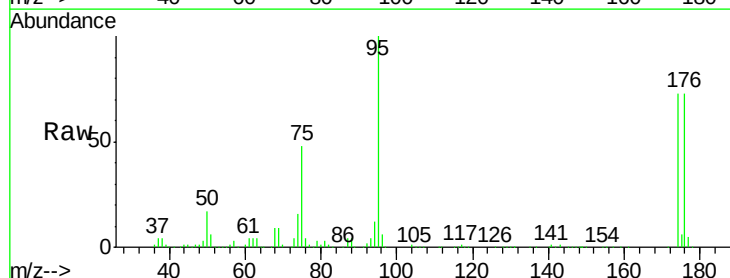
Tgt Ion: 95 Resp: 127502

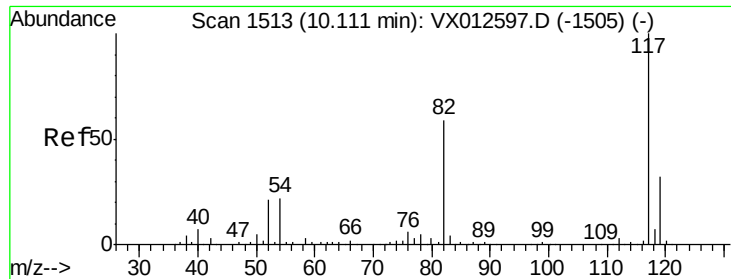
Ion Ratio Lower Upper

95 100

174 70.9 0.0 140.0

176 70.6 0.0 135.4





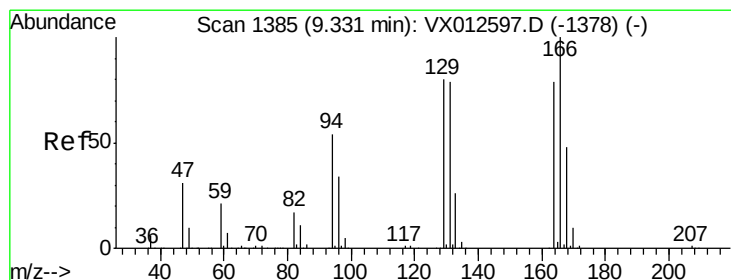
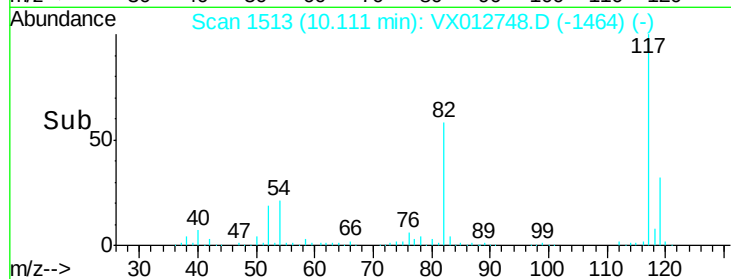
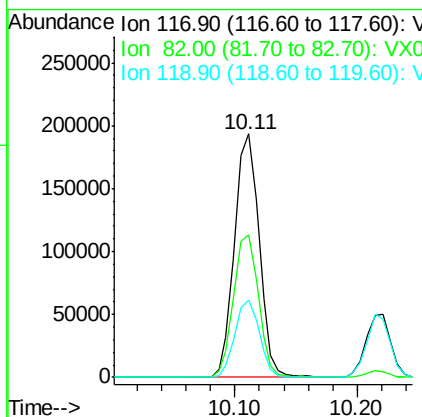
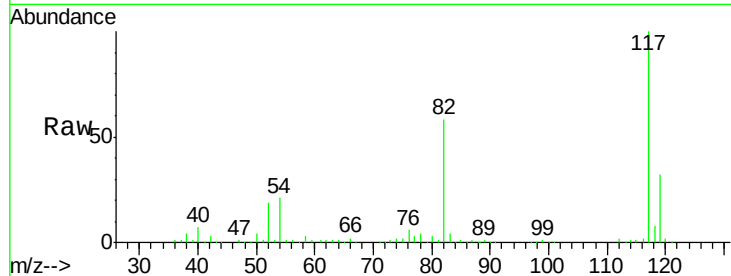
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012748.D
Acq: 01 Oct 2019 21:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.3	45.9	68.9
119	32.0	25.3	37.9

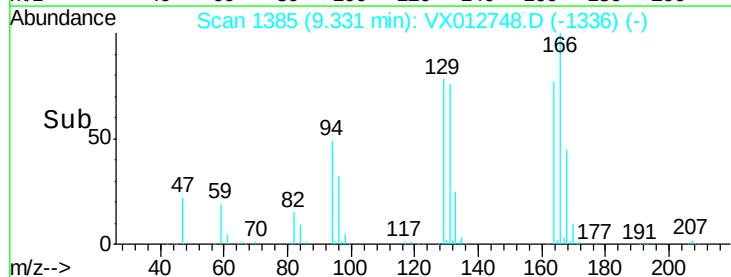
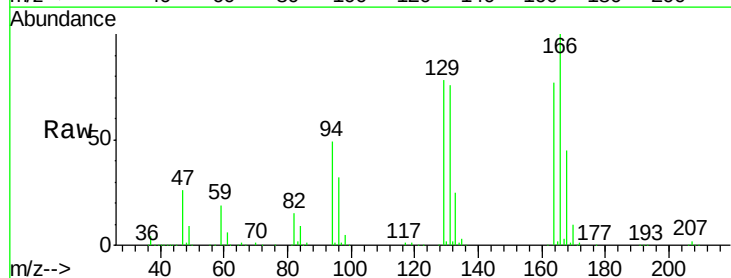
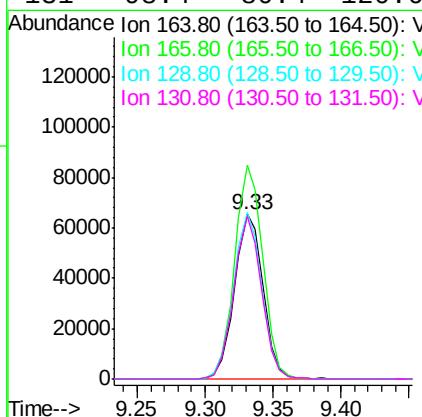
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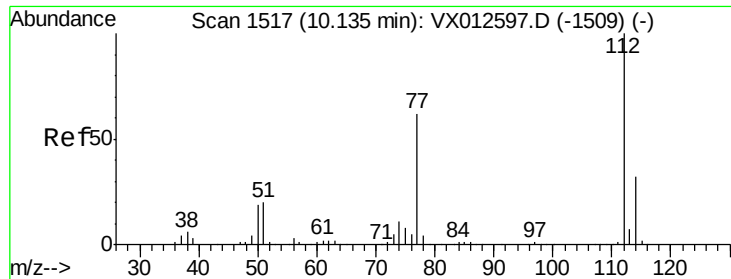
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#64
Tetrachloroethene
Concen: 50.798 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012748.D
Acq: 01 Oct 2019 21:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.6	107.8	161.6
129	101.1	86.2	129.2
131	98.4	80.4	120.6





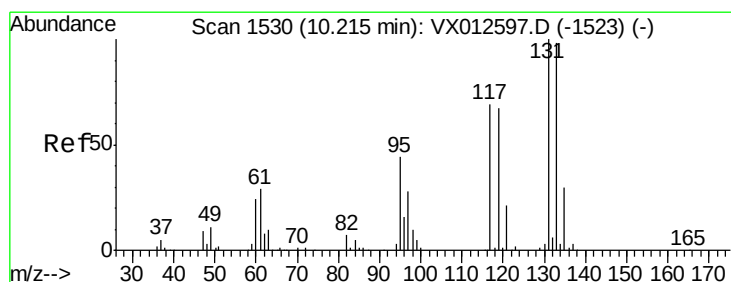
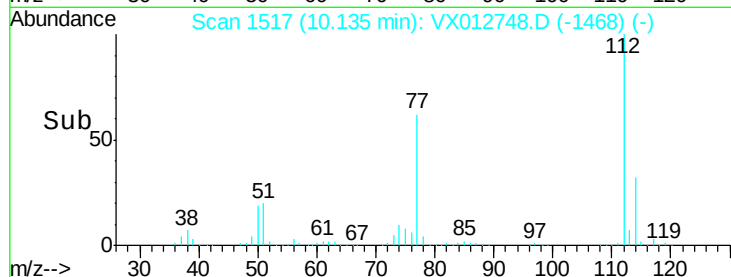
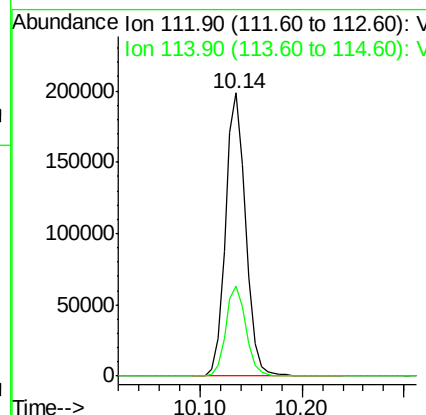
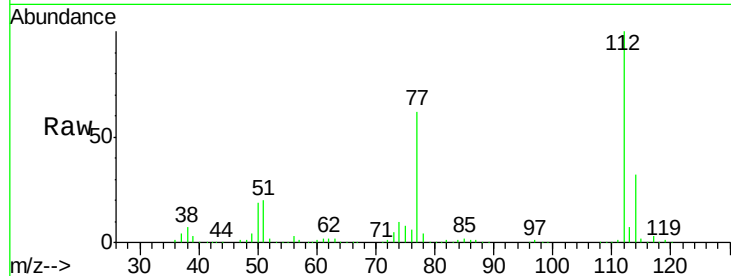
#65
Chlorobenzene
Concen: 47.996 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012748.D
Acq: 01 Oct 2019 21:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 272704
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.0

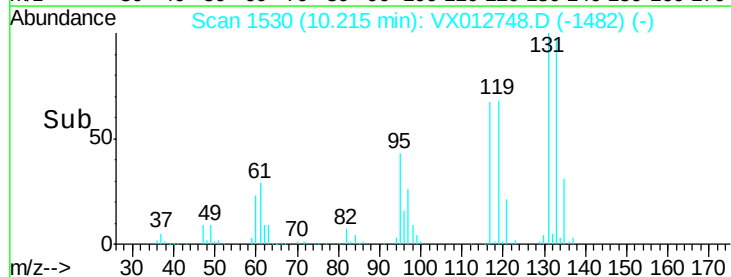
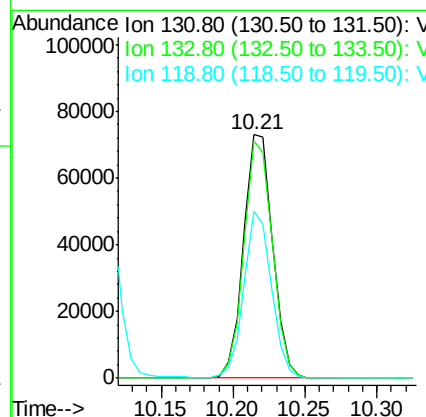
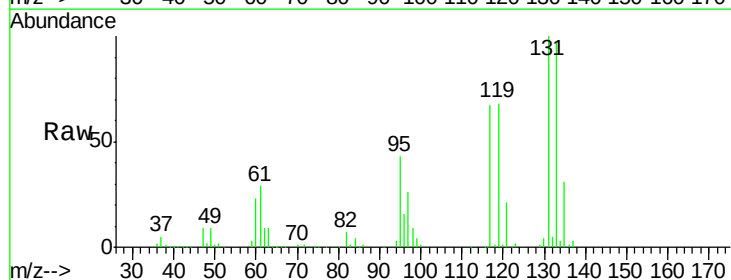
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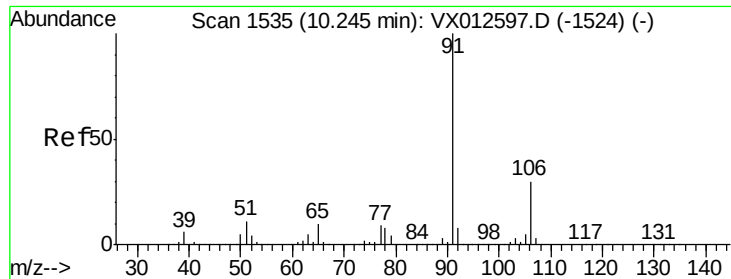
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.795 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012748.D
Acq: 01 Oct 2019 21:05

Tgt Ion:131 Resp: 102511
Ion Ratio Lower Upper
131 100
133 95.3 47.6 142.9
119 64.9 31.3 93.8





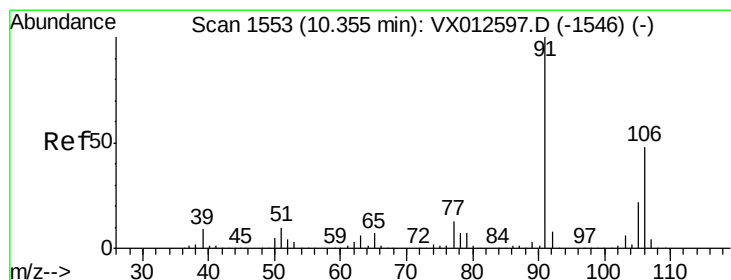
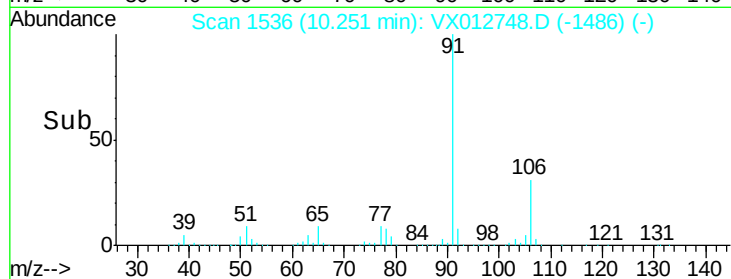
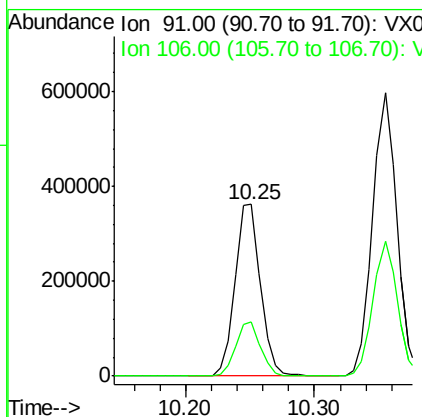
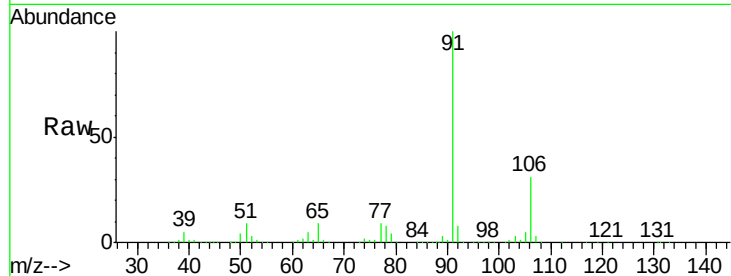
#67
Ethyl Benzene
Concen: 48.507 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX012748.D
Acq: 01 Oct 2019 21:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 499884
Ion Ratio Lower Upper
91 100
106 31.2 24.6 37.0

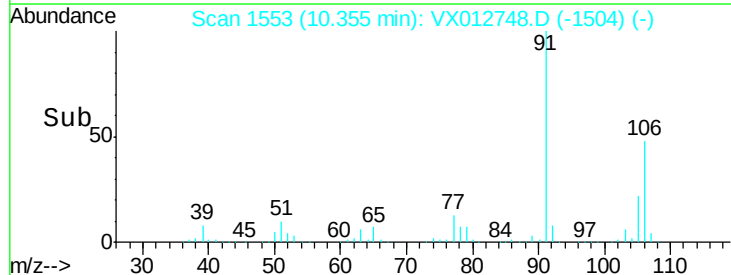
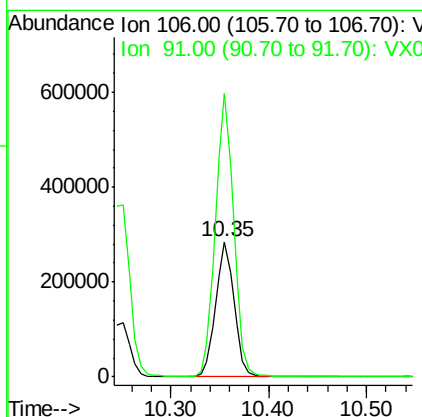
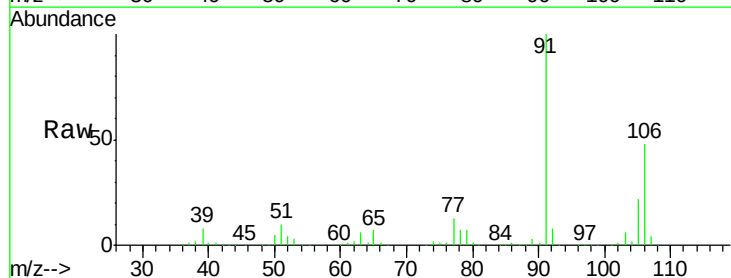
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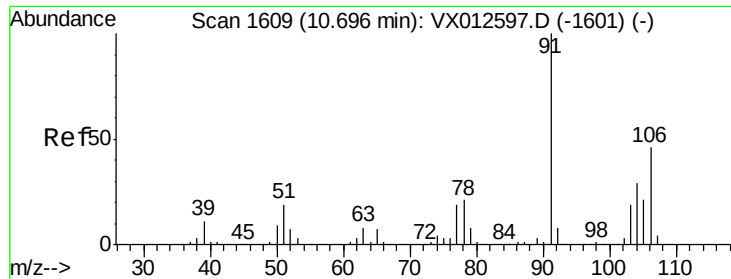
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#68
m/p-Xylenes
Concen: 96.698 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012748.D
Acq: 01 Oct 2019 21:05

Tgt Ion: 106 Resp: 373293
Ion Ratio Lower Upper
106 100
91 207.9 166.6 250.0





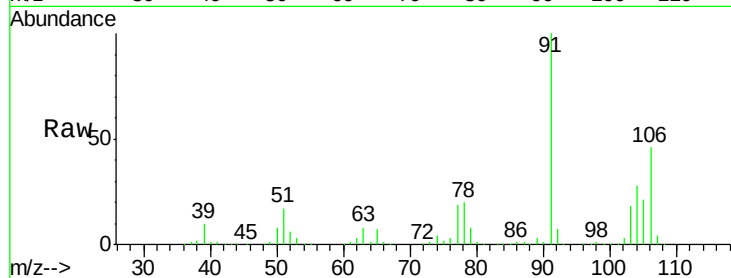
#69
o-Xylene
Concen: 48.804 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012748.D
Acq: 01 Oct 2019 21:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

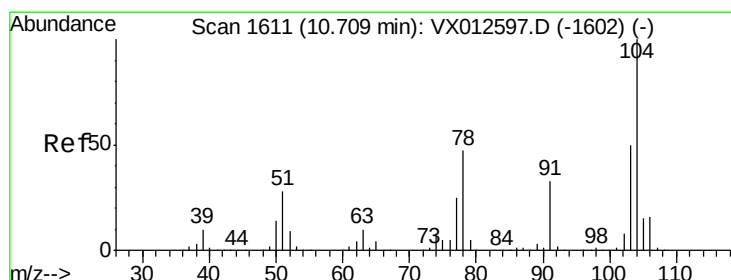
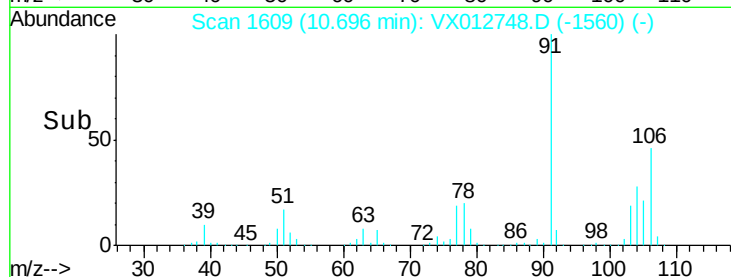
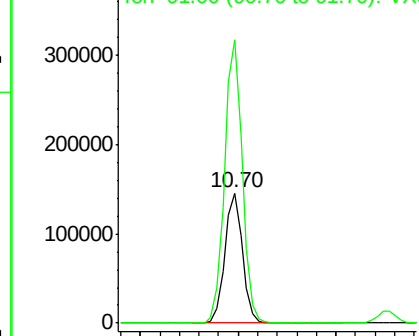
Tot Ion:106 Resp: 182302
Ion Ratio Lower Upper
106 100
91 218.3 109.4 328.2

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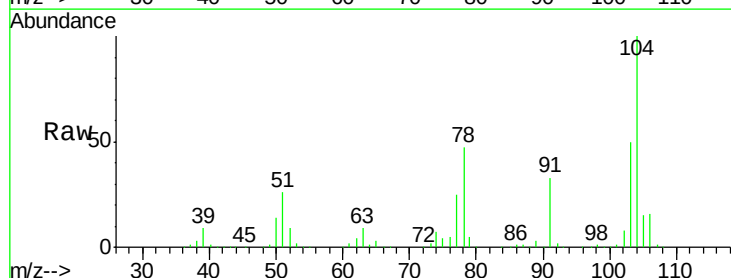


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

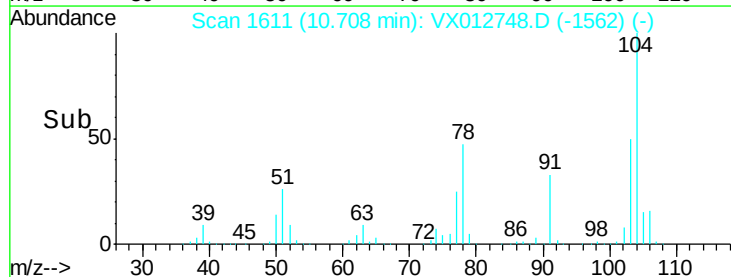
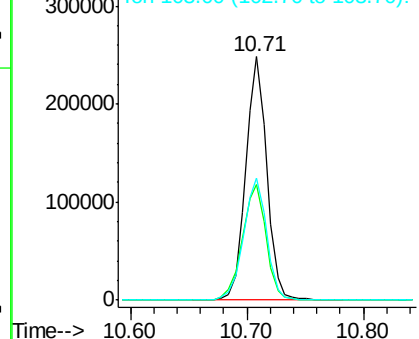


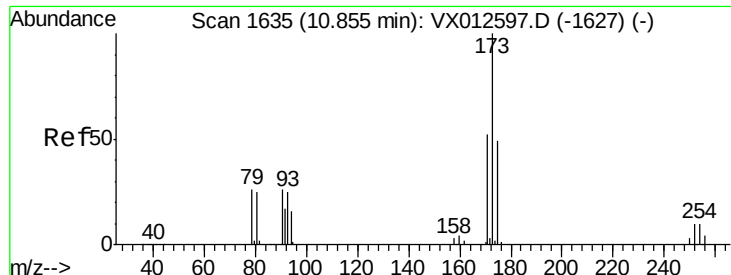
#70
Styrene
Concen: 49.972 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012748.D
Acq: 01 Oct 2019 21:05

Tgt Ion:104 Resp: 312934
Ion Ratio Lower Upper
104 100
78 53.5 43.4 65.2
103 55.0 43.3 64.9



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





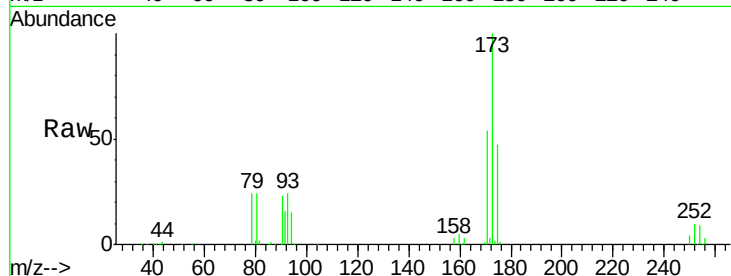
#71
Bromoform
Concen: 50.416 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX012748.D
Acq: 01 Oct 2019 21:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

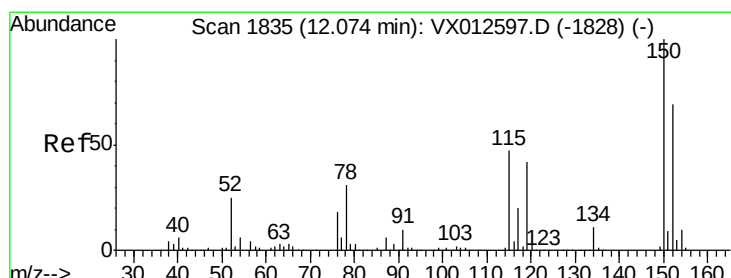
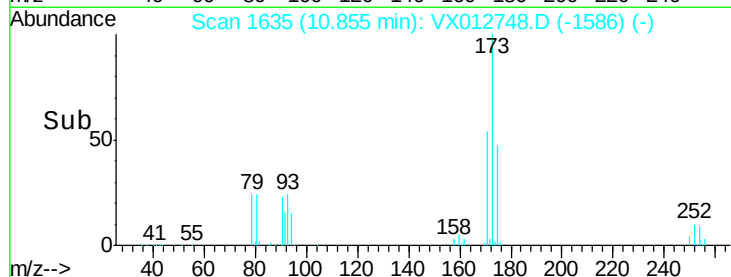
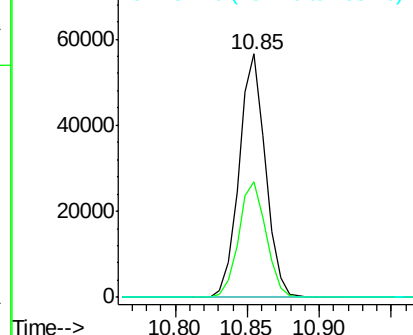
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	23.7	71.1
254	0.1	0.1	0.1

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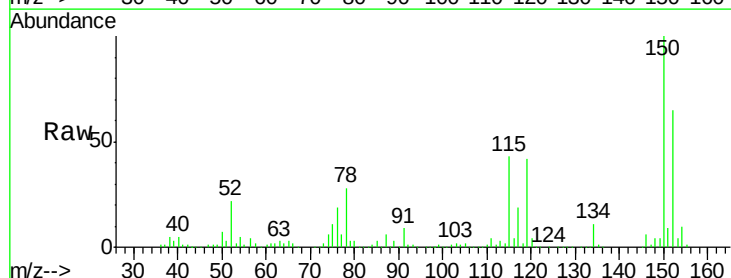


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

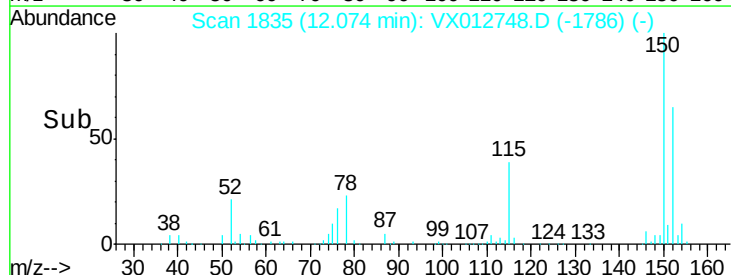
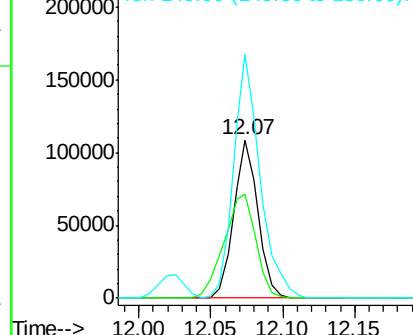


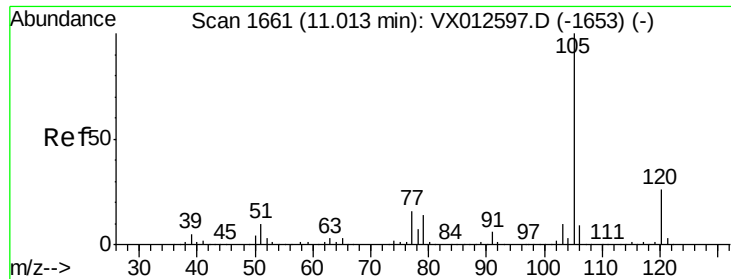
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012748.D
Acq: 01 Oct 2019 21:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	86.9	44.1	132.3
150	169.9	0.0	343.8



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





#73

Isopropylbenzene

Concen: 46.563 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012748.D

Acq: 01 Oct 2019 21:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 484078

Ion Ratio Lower Upper

105 100

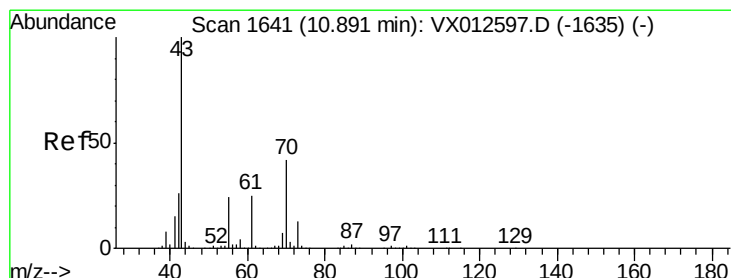
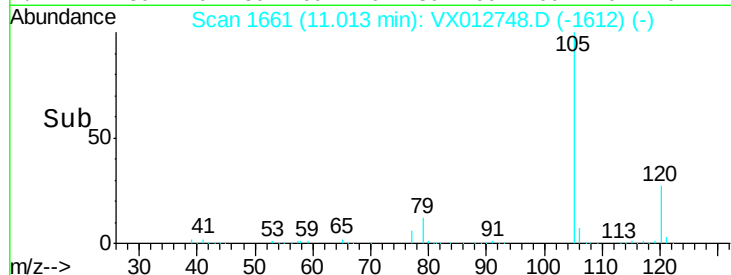
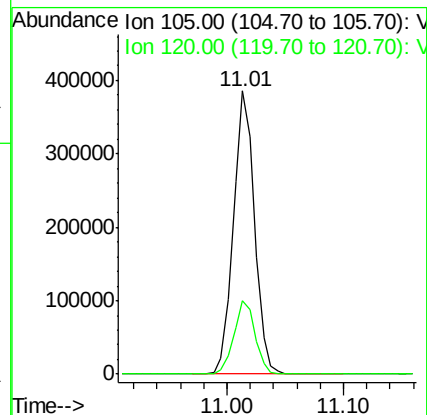
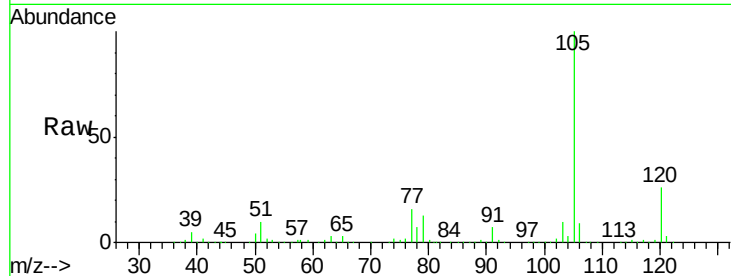
120 26.2 12.9 38.7

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#74

N-ethyl acetate

Concen: 45.810 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012748.D

Acq: 01 Oct 2019 21:05

Tgt Ion: 43 Resp: 227201

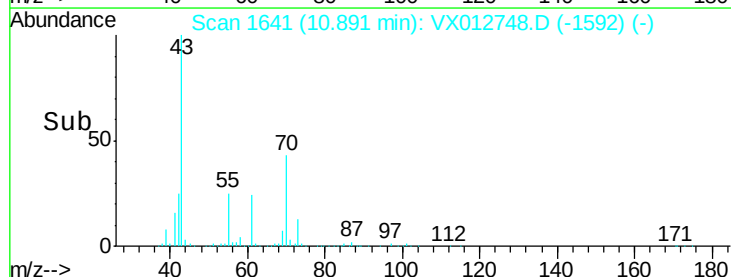
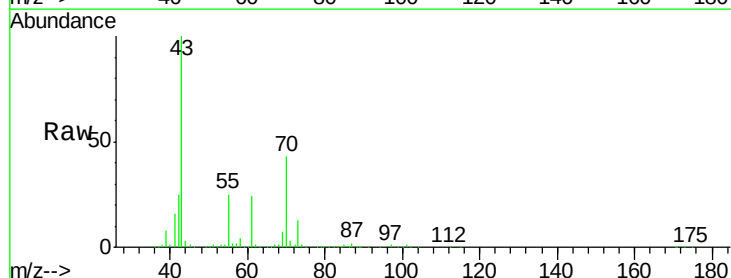
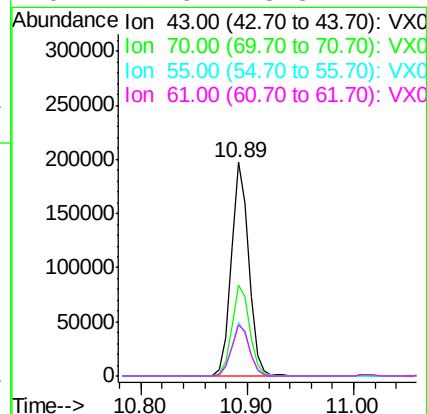
Ion Ratio Lower Upper

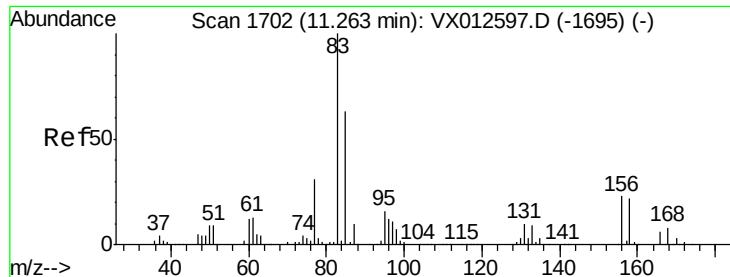
43 100

70 43.5 32.4 48.6

55 24.5 18.2 27.4

61 24.6 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 47.677 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012748.D

Acq: 01 Oct 2019 21:05

Instrument :

MSVOA_X

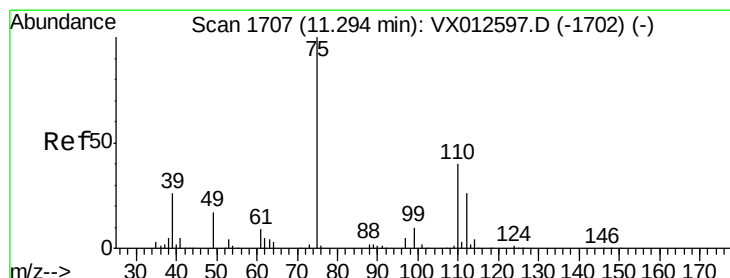
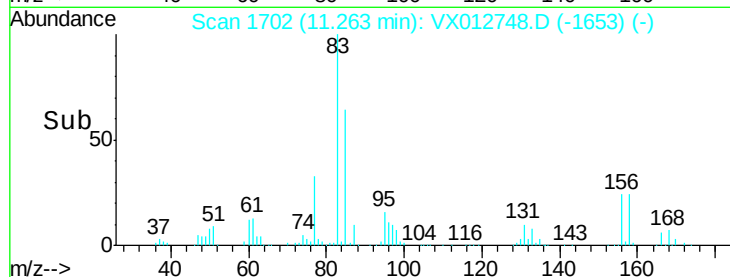
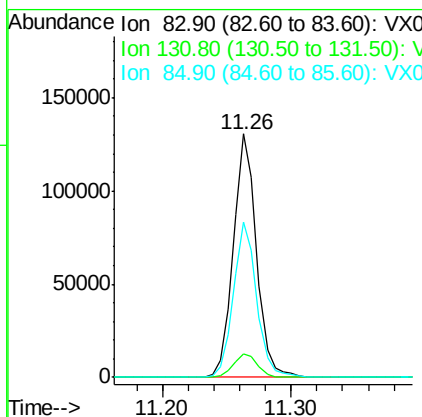
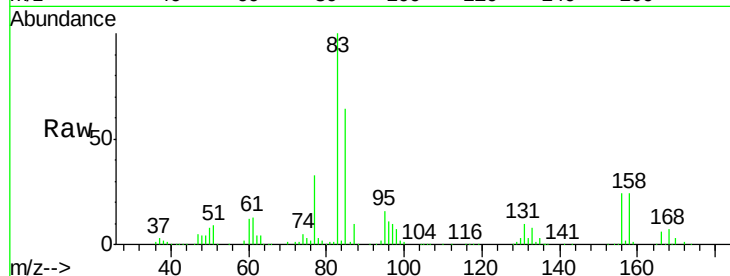
ClientSampled :

VSTDCCC050EC

Tot Ion:	83	Resp:	164153
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.2	15.6
85	64.3	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 51.134 ug/l m

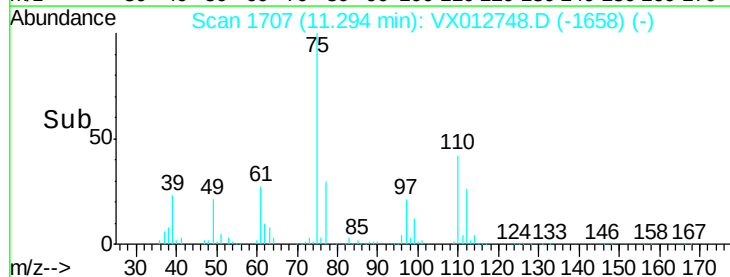
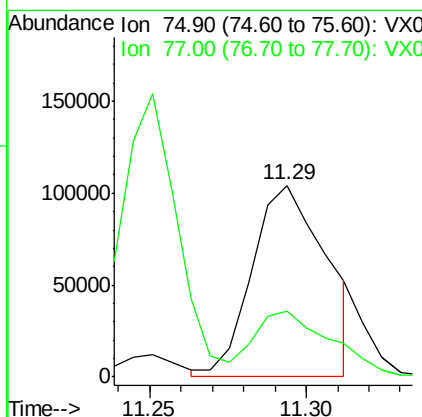
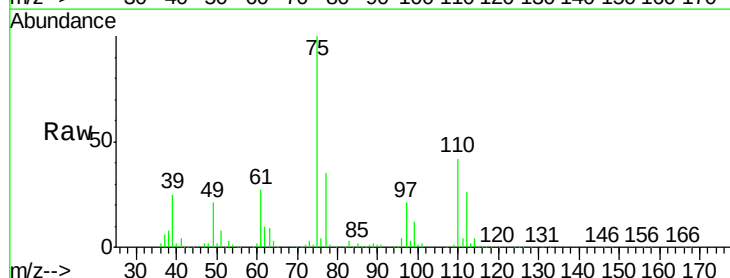
RT: 11.29 min Scan# 1707

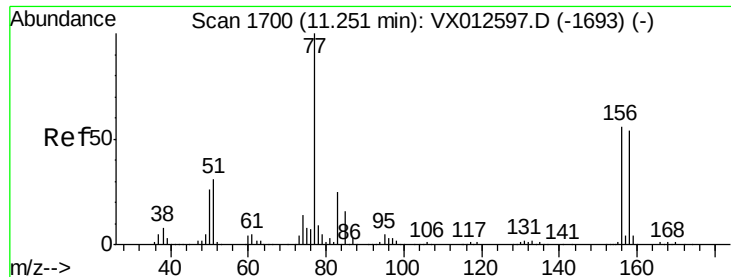
Delta R.T. 0.00 min

Lab File: VX012748.D

Acq: 01 Oct 2019 21:05

Tgt Ion:	75	Resp:	172652
Ion Ratio	Lower	Upper	
75	100		
77	35.5	19.7	59.0





#77

Bromobenzene

Concen: 47.983 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012748.D

Acq: 01 Oct 2019 21:05

Instrument :

MSVOA_X

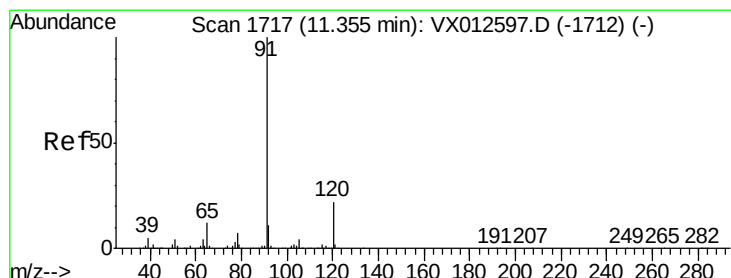
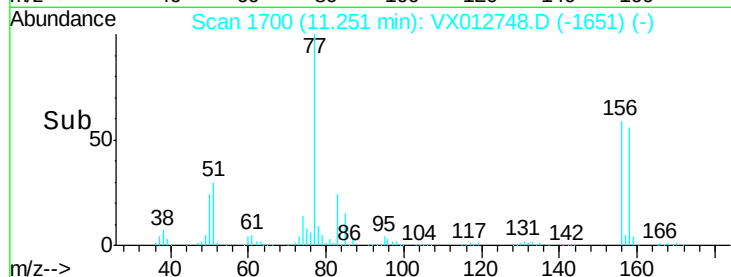
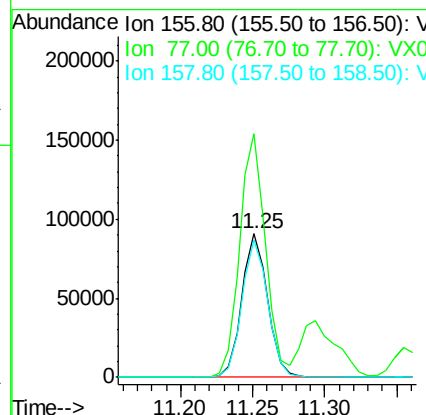
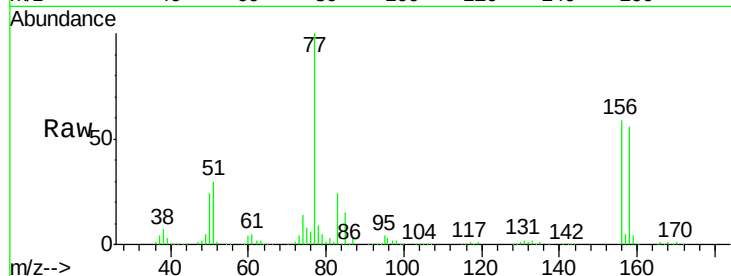
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	112900
Ion Ratio	Lower	Upper	
156	100		
77	171.5	87.3	261.8
158	96.0	48.5	145.6

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#78

n-propylbenzene

Concen: 45.800 ug/l

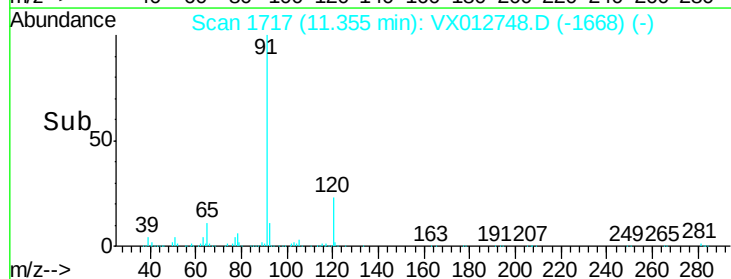
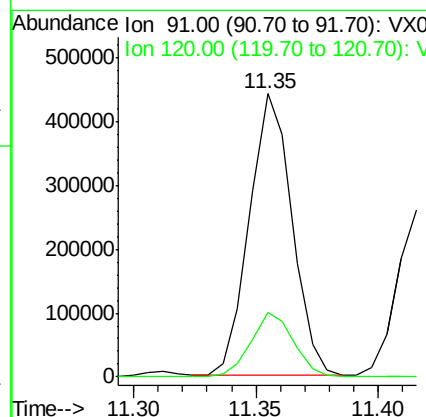
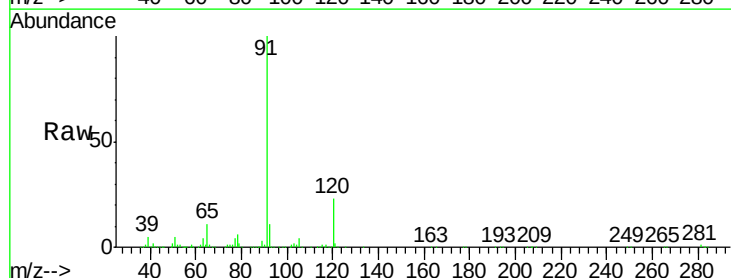
RT: 11.35 min Scan# 1717

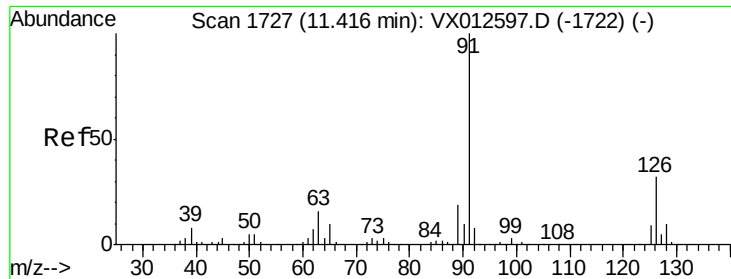
Delta R.T. 0.00 min

Lab File: VX012748.D

Acq: 01 Oct 2019 21:05

Tgt Ion:	91	Resp:	536047
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.3	33.8





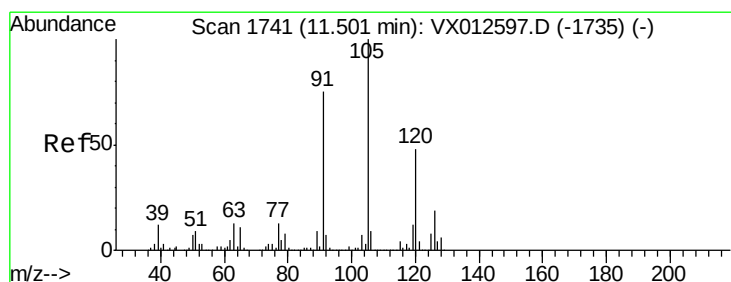
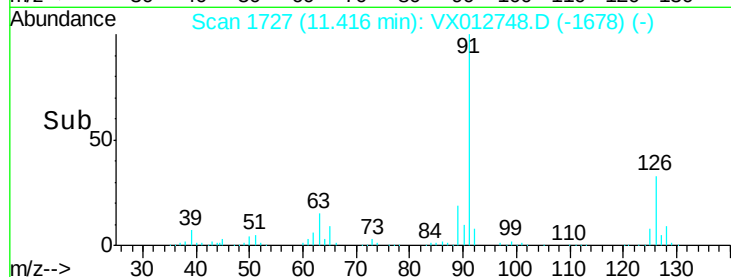
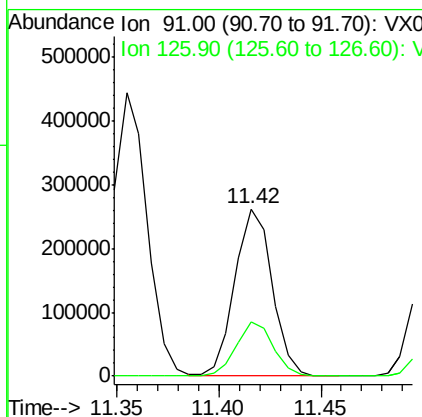
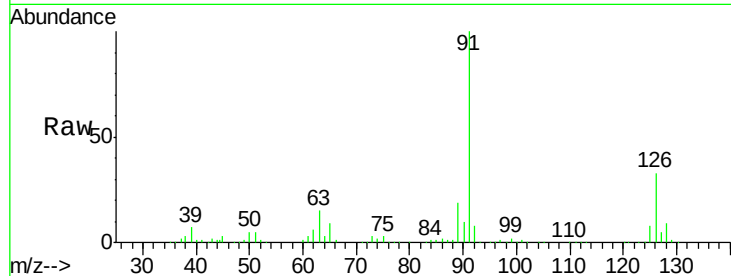
#79
 2-Chlorotoluene
 Concen: 45.395 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012748.D
 Acq: 01 Oct 2019 21:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 331442
 Ion Ratio Lower Upper
 91 100
 126 32.3 16.4 49.4

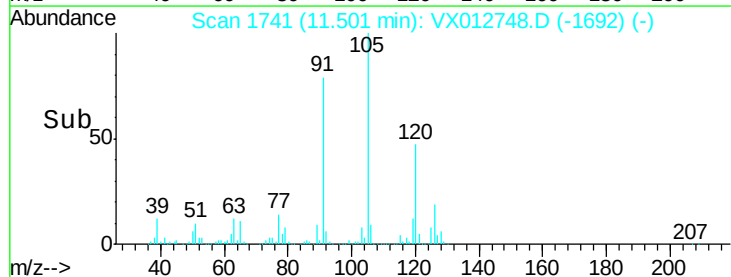
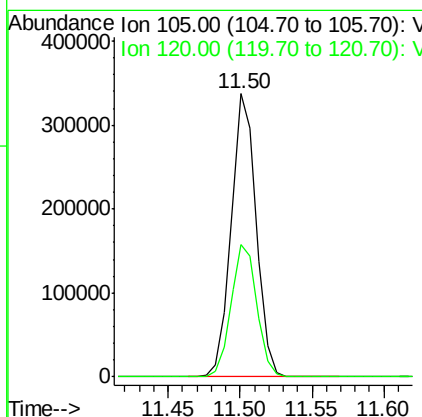
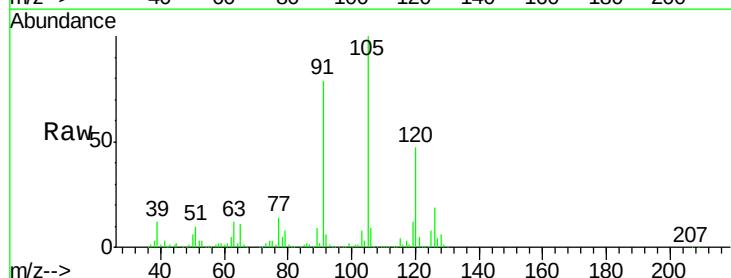
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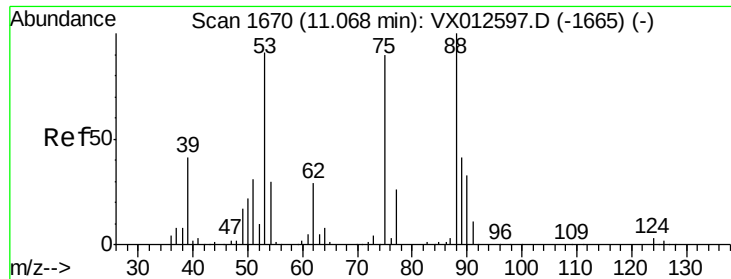
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#80
 1,3,5-Trimethylbenzene
 Concen: 47.107 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012748.D
 Acq: 01 Oct 2019 21:05

Tgt Ion: 105 Resp: 410679
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.3 72.8





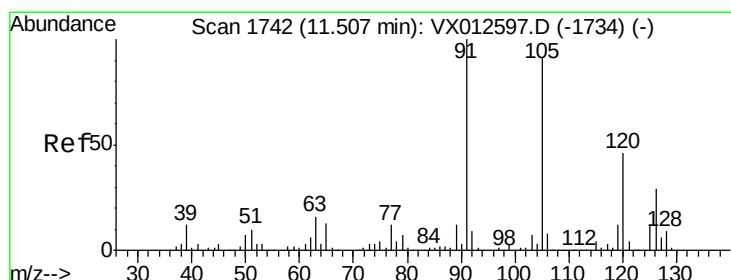
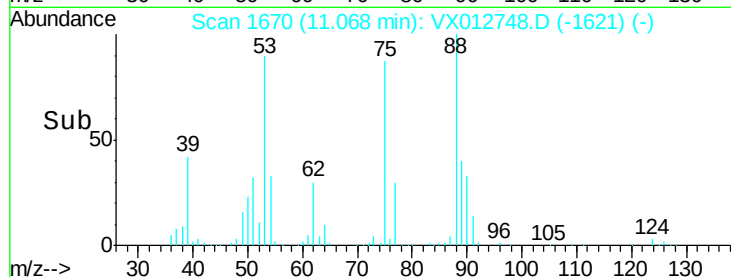
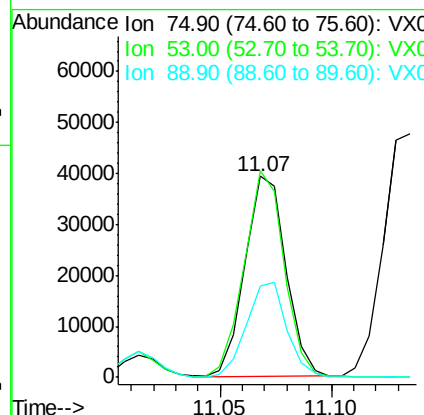
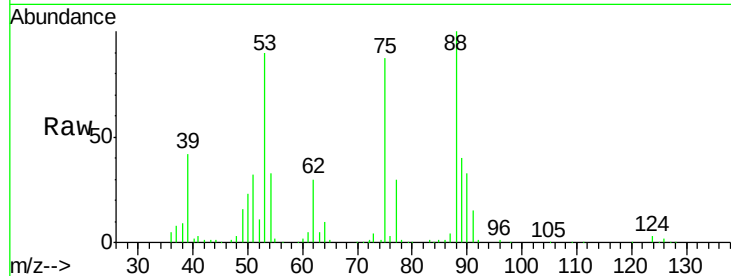
#81
trans-1,4-Dichloro-2-butene
Concen: 42.912 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX012748.D
Acq: 01 Oct 2019 21:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.1	83.6	125.4
89	46.9	36.3	54.5

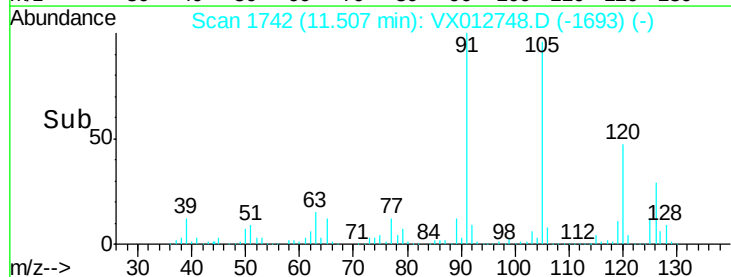
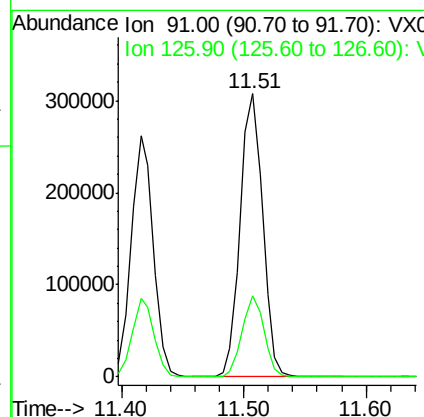
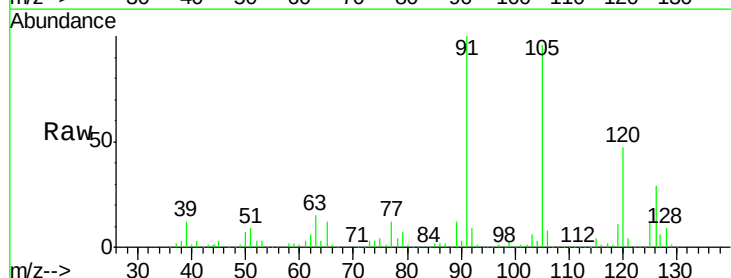
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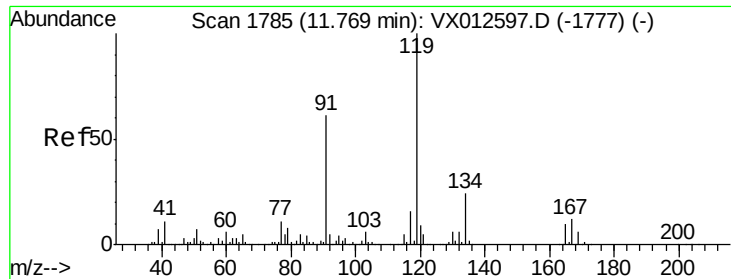
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#82
4-Chlorotoluene
Concen: 46.642 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012748.D
Acq: 01 Oct 2019 21:05

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.9	14.4	43.0





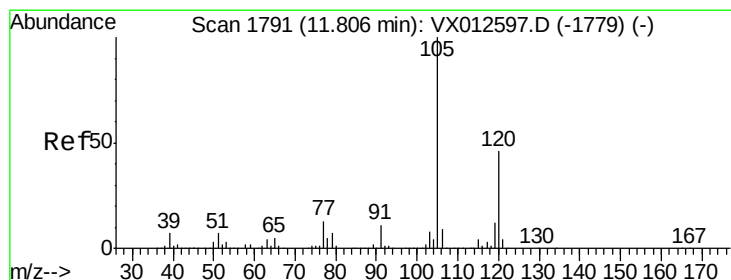
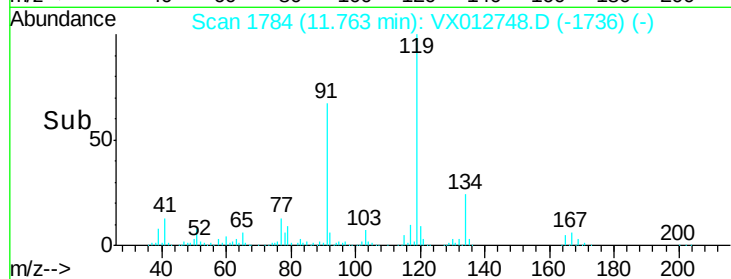
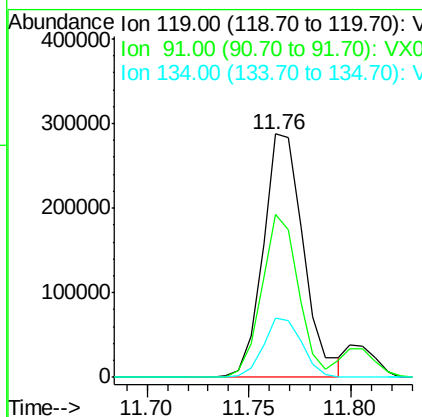
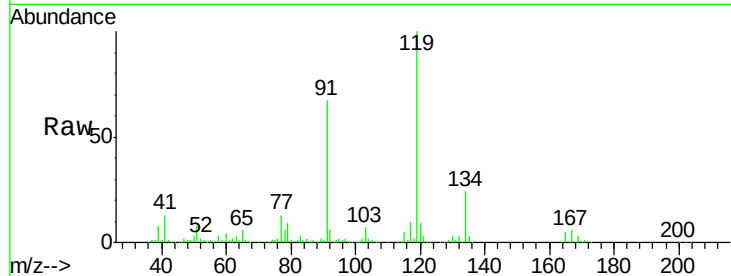
#83
 tert-Butylbenzene
 Concen: 47.050 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012748.D
 Acq: 01 Oct 2019 21:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	395675		
91	61.1	30.0	90.0	
134	23.2	11.3	33.9	

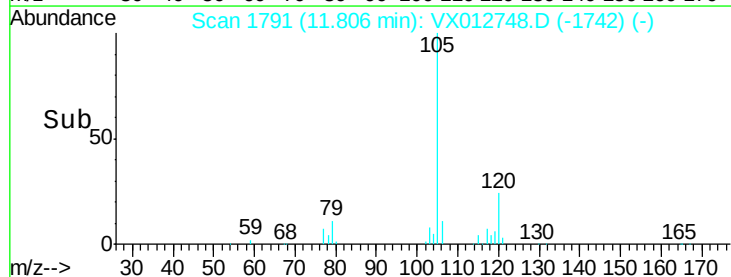
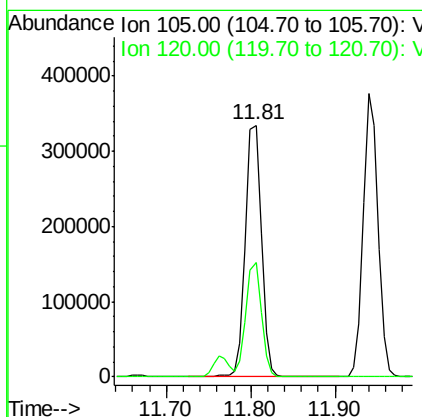
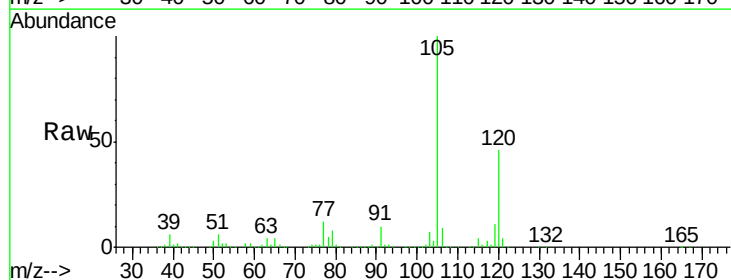
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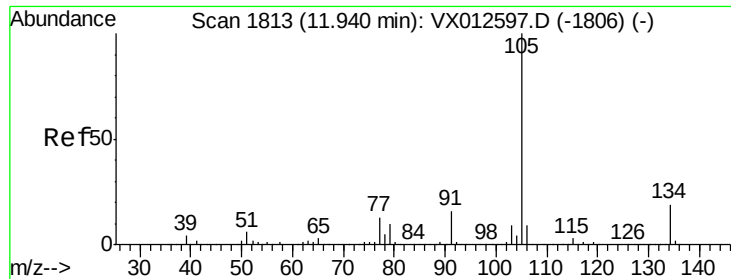
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.125 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX012748.D
 Acq: 01 Oct 2019 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	423233		
120	43.9	22.2	66.6	





#85

sec-Butylbenzene

Concen: 47.122 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012748.D

Acq: 01 Oct 2019 21:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 460921

Ion Ratio Lower Upper

105 100

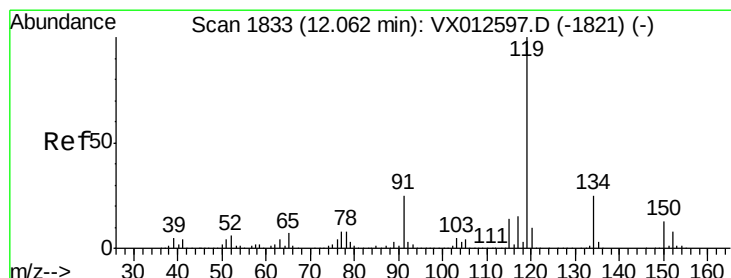
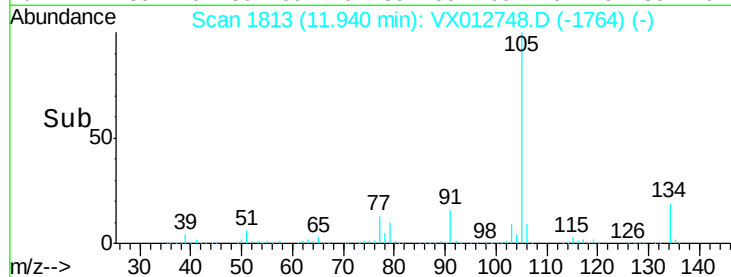
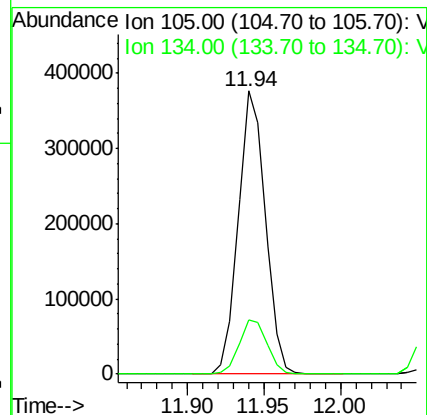
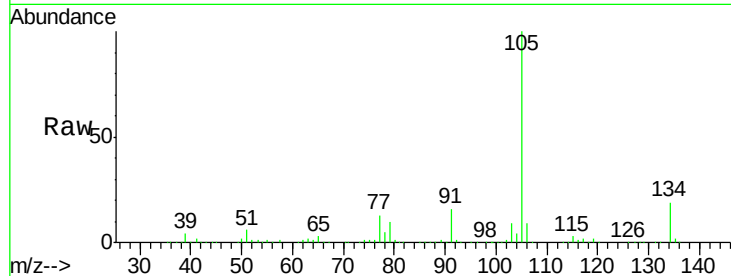
134 19.8 9.8 29.4

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#86

p-Isopropyltoluene

Concen: 48.239 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012748.D

Acq: 01 Oct 2019 21:05

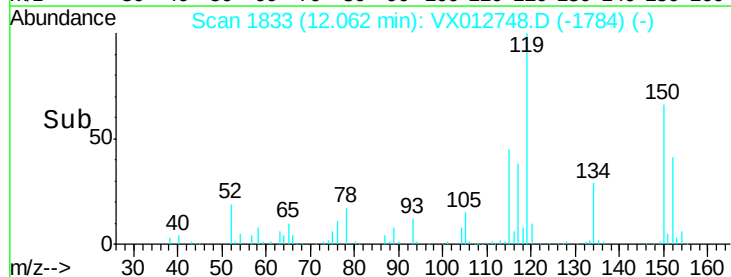
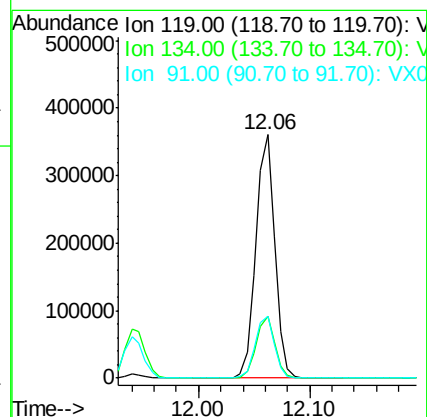
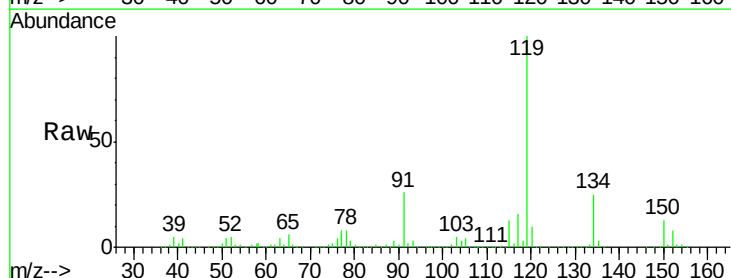
Tgt Ion:119 Resp: 425755

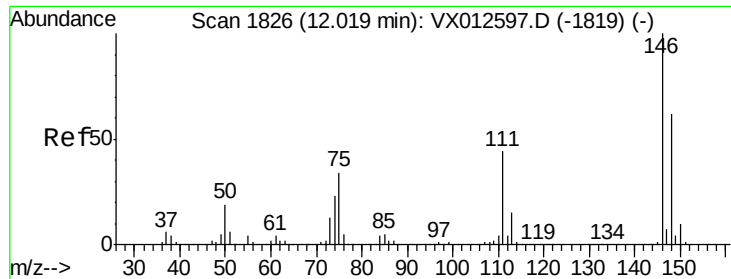
Ion Ratio Lower Upper

119 100

134 25.2 12.7 38.1

91 25.5 12.8 38.4





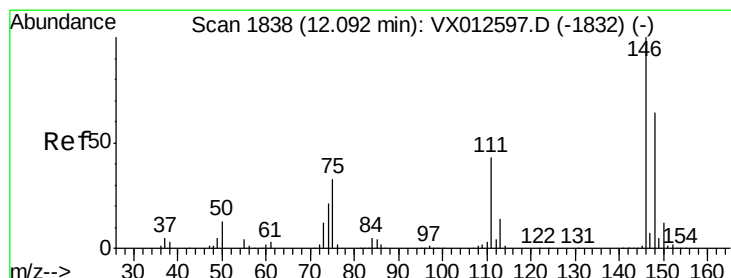
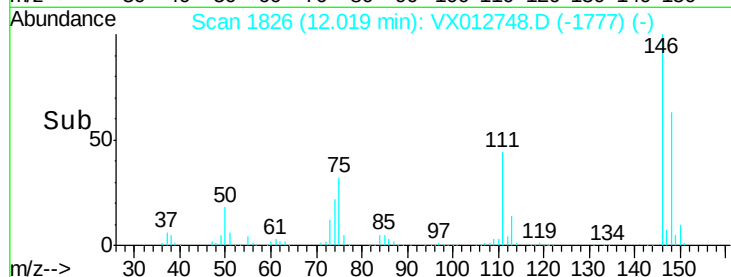
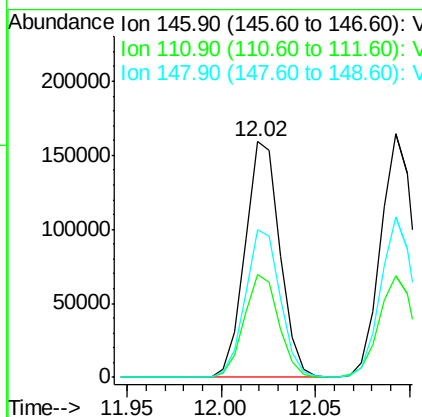
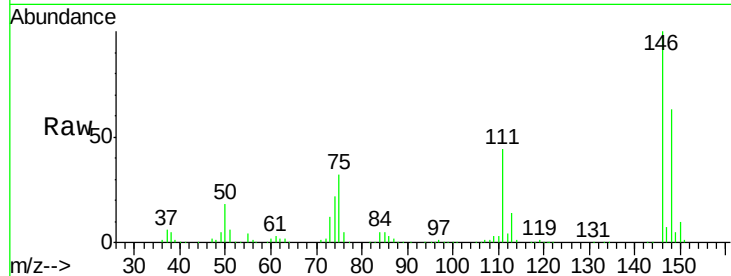
#87
 1,3-Dichlorobenzene
 Concen: 48.253 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012748.D
 Acq: 01 Oct 2019 21:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.3	64.0
148	62.4	32.4	97.2

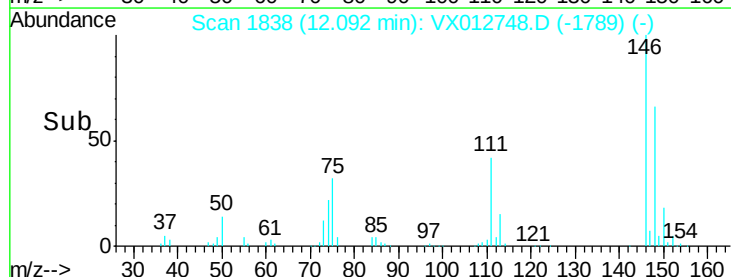
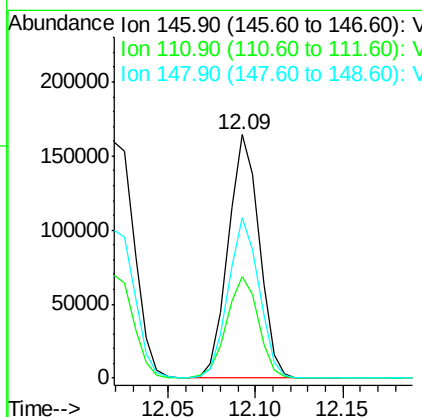
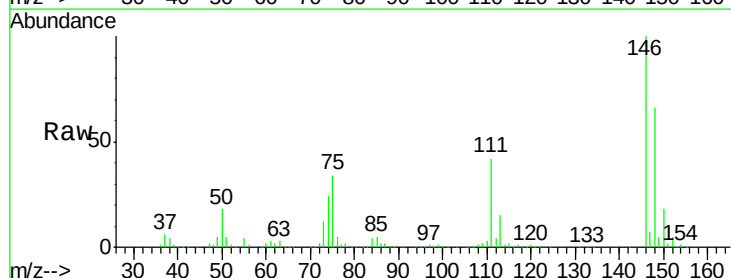
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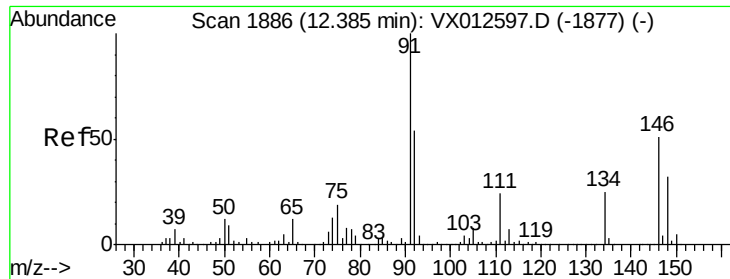
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#88
 1,4-Dichlorobenzene
 Concen: 47.530 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012748.D
 Acq: 01 Oct 2019 21:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.1	63.3
148	65.5	32.1	96.5





#89

n-Butylbenzene

Concen: 46.067 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012748.D

Acq: 01 Oct 2019 21:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 358278

Ion Ratio Lower Upper

91 100

92 56.5 27.7 83.0

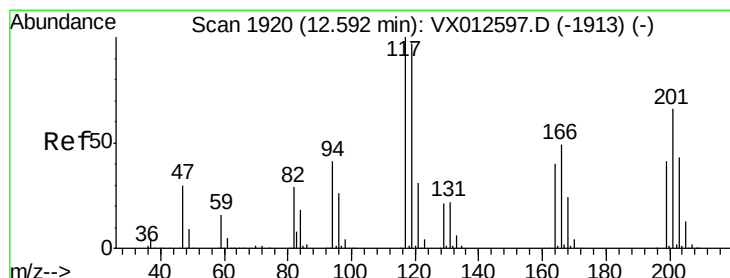
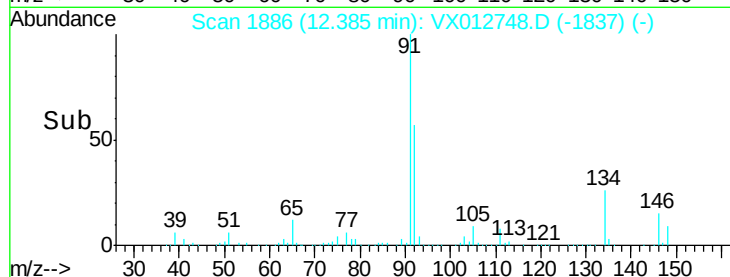
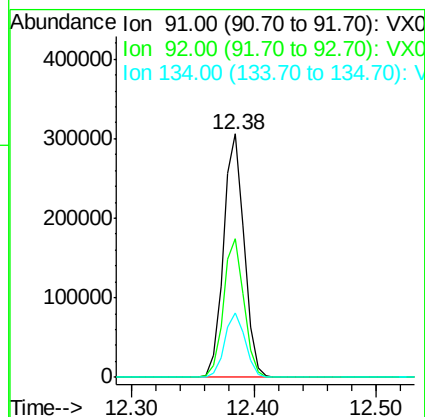
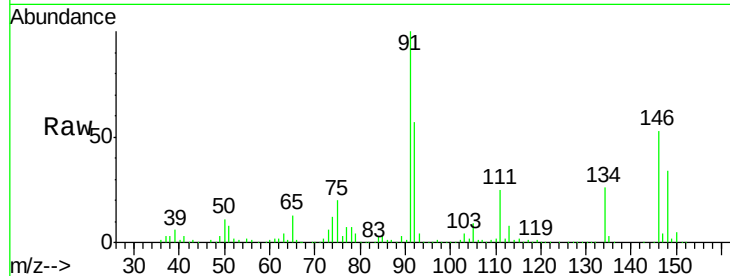
134 26.2 12.9 38.6

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#90

Hexachloroethane

Concen: 47.935 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX012748.D

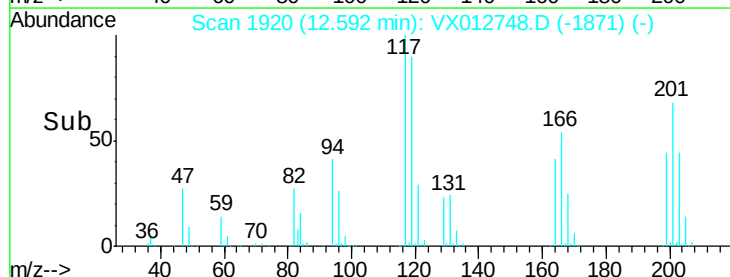
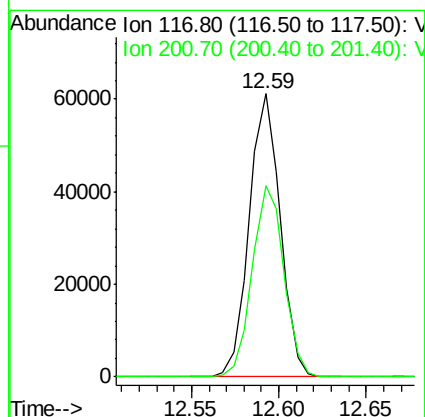
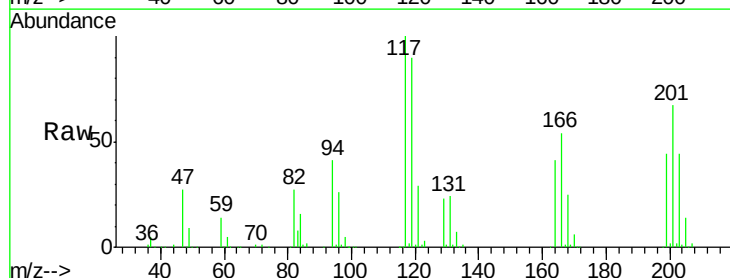
Acq: 01 Oct 2019 21:05

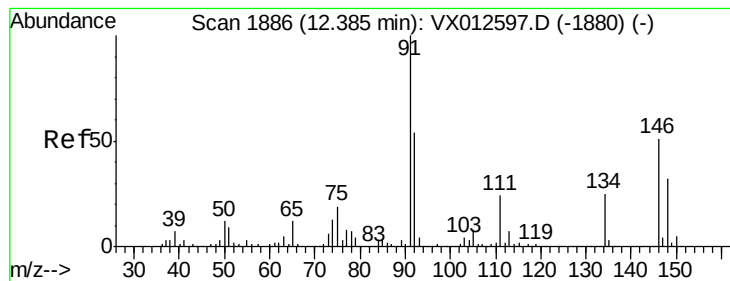
Tgt Ion: 117 Resp: 75425

Ion Ratio Lower Upper

117 100

201 68.9 33.3 99.8





#91

1,2-Dichlorobenzene

Concen: 48.169 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012748.D

Acq: 01 Oct 2019 21:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:146 Resp: 204198

Ion Ratio Lower Upper

146 100

111 44.9 22.1 66.1

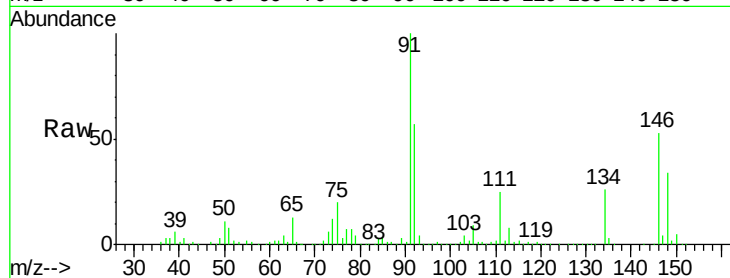
148 65.2 31.3 93.9

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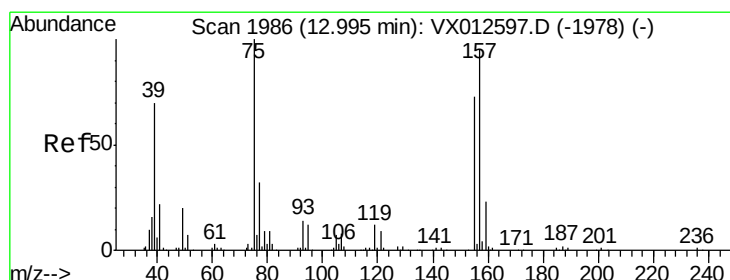
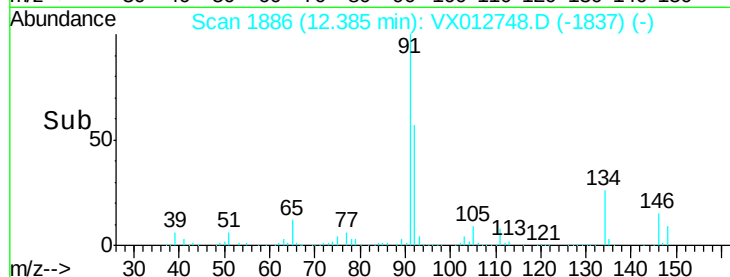
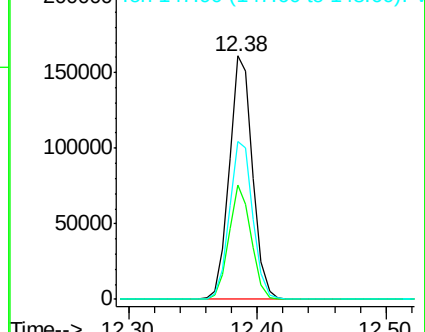
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Abundance Ion 145.90 (145.60 to 146.60): V

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: 48.014 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX012748.D

Acq: 01 Oct 2019 21:05

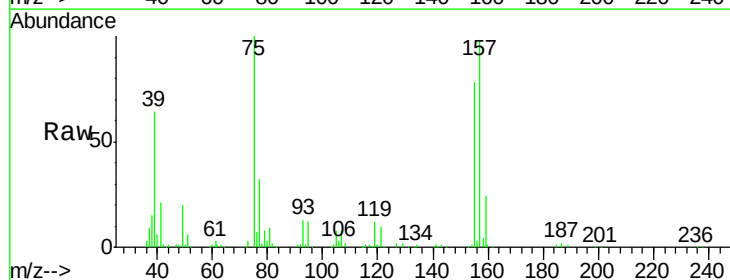
Tgt Ion: 75 Resp: 41353

Ion Ratio Lower Upper

75 100

155 80.1 38.6 115.8

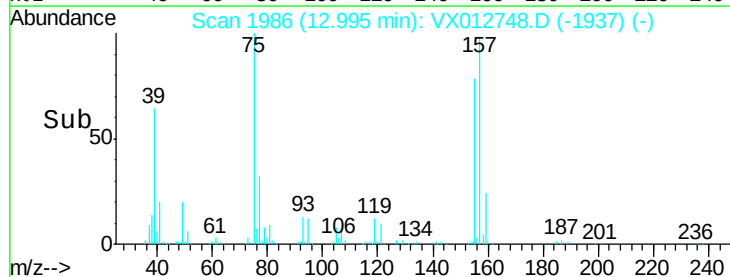
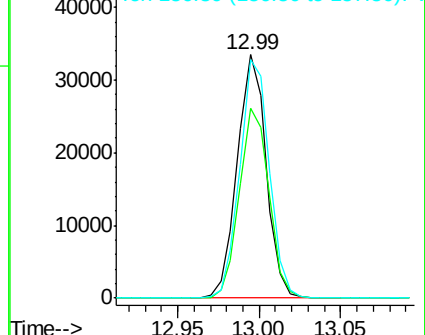
157 100.2 50.6 151.9

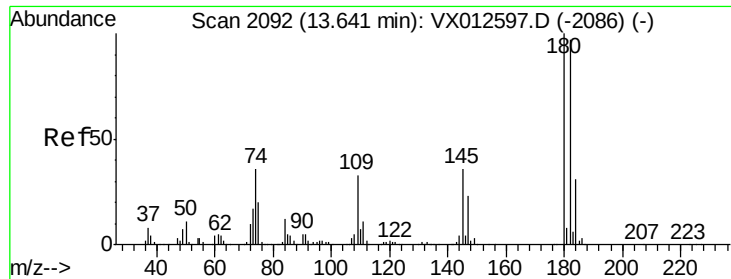


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





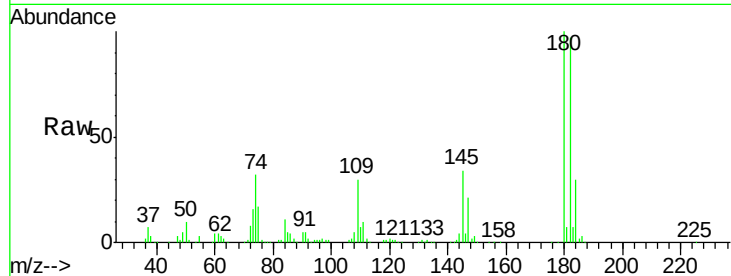
#93
 1,2,4-Trichlorobenzene
 Concen: 49.952 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012748.D
 Acq: 01 Oct 2019 21:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	129141		
182	95.8	47.0	141.0	
145	33.7	16.8	50.4	

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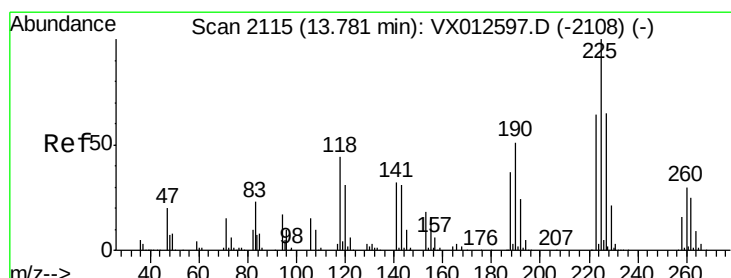
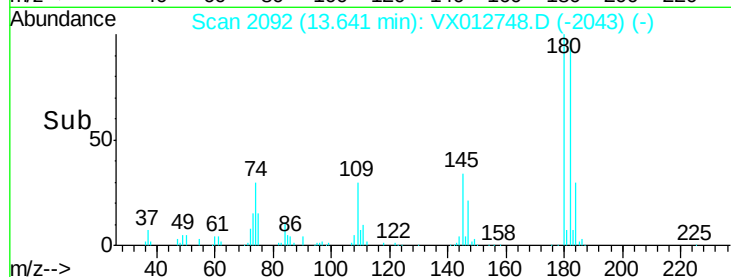
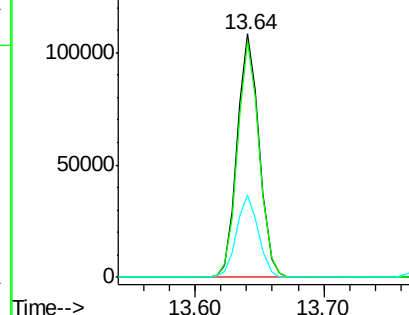


Abundance

Ion 179.80 (179.50 to 180.50): V

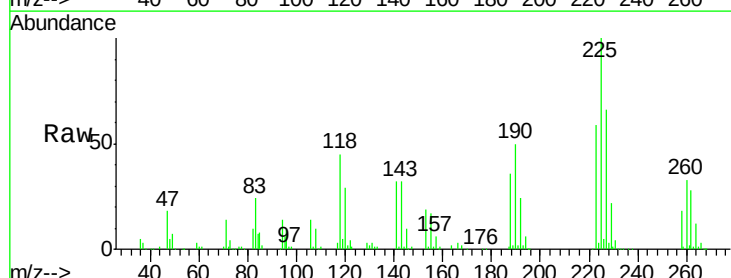
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 49.519 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VX012748.D
 Acq: 01 Oct 2019 21:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	55075		
223	61.8	32.0	96.2	
227	64.7	31.9	95.5	

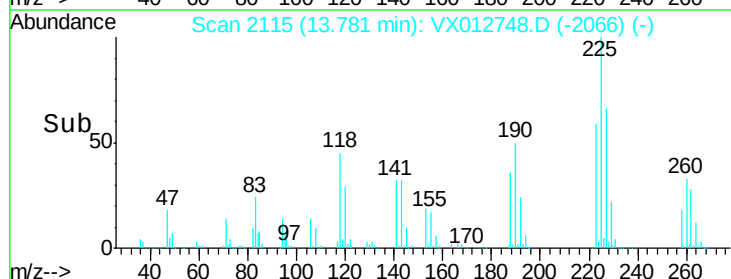
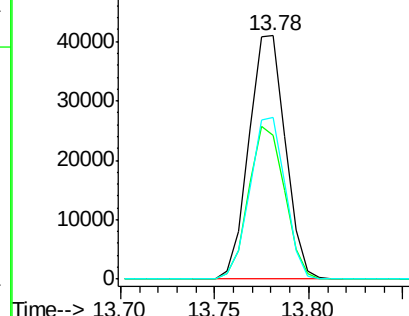


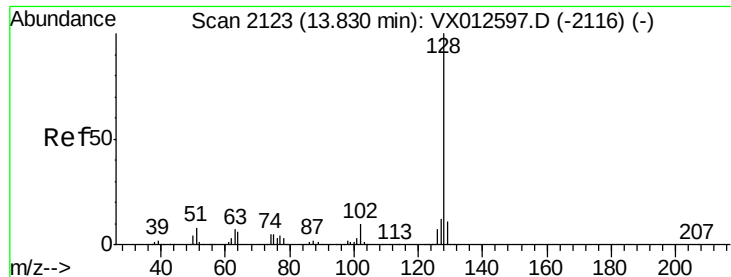
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 51.126 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012748.D

Acq: 01 Oct 2019 21:05

Instrument :

MSVOA_X

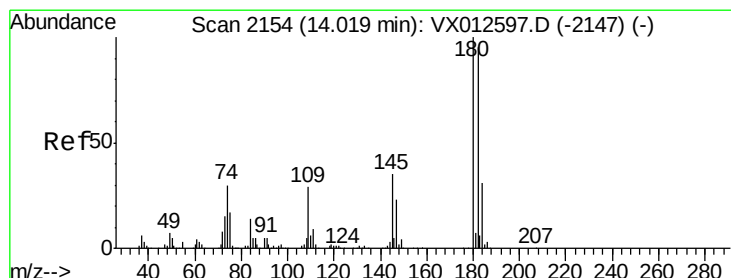
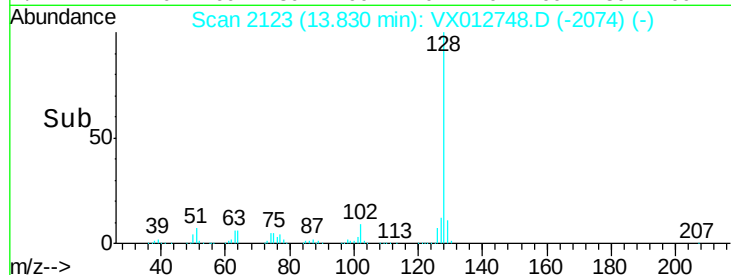
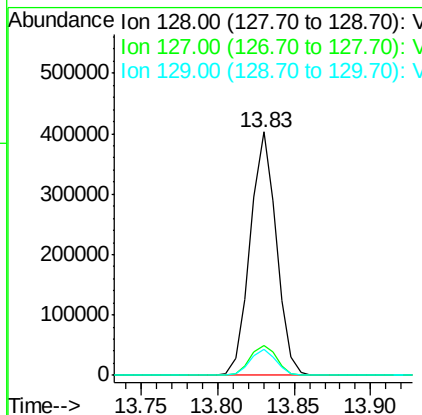
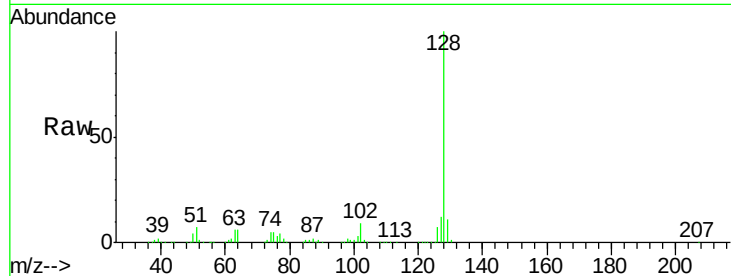
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	478213
Ion Ratio		Lower	Upper
128	100		
127	12.7	10.2	15.4
129	10.8	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
10/2/2019 10:07:36 AM



#96

1,2,3-Trichlorobenzene

Concen: 50.500 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX012748.D

Acq: 01 Oct 2019 21:05

Tgt Ion:	180	Resp:	130783
Ion Ratio		Lower	Upper
180	100		
182	97.4	47.1	141.3
145	36.0	18.0	54.0

