

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091119\
 Data File : VX012315.D
 Acq On : 11 Sep 2019 21:38
 Operator : SY/SP
 Sample : VSTDCCC050
 Misc : 5.00µ/5.0mL/MSVOA X/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/12/2019 9:26:41 AM

Quant Time: Sep 12 06:54:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	128638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	231219	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	218173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	108121	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	90244	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
35) Dibromofluoromethane	5.48	113	73724	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
50) Toluene-d8	8.71	98	275854	53.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.12%	
62) 4-Bromofluorobenzene	11.14	95	115827	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	46800	44.499	ug/l	98
3) Chloromethane	1.31	50	47958	50.588	ug/l	98
4) Vinyl Chloride	1.40	62	45992	48.928	ug/l	99
5) Bromomethane	1.63	94	26969	72.912	ug/l	98
6) Chloroethane	1.71	64	31293	49.786	ug/l	96
7) Trichlorofluoromethane	1.92	101	79822	46.921	ug/l	100
8) Diethyl Ether	2.18	74	30199	52.022	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	58735	51.227	ug/l	99
10) Methyl Iodide	2.50	142	43766	40.106	ug/l	99
11) Tert butyl alcohol	3.03	59	42038	216.442	ug/l	99
12) 1,1-Dichloroethene	2.36	96	50350	51.726	ug/l	95
13) Acrolein	2.28	56	22820	240.031	ug/l	95
14) Allyl chloride	2.72	41	99822	50.300	ug/l	99
15) Acrylonitrile	3.13	53	90583	252.434	ug/l	98
16) Acetone	2.43	43	83193	193.231	ug/l	96
17) Carbon Disulfide	2.56	76	97083	47.495	ug/l	97
18) Methyl Acetate	2.76	43	43429	47.991	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	195855	50.950	ug/l	99
20) Methylene Chloride	2.84	84	70566	52.676	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	59534	51.264	ug/l	92
22) Diisopropyl ether	3.84	45	239192	52.702	ug/l	97
23) Vinyl Acetate	3.80	43	704959	253.162	ug/l	100
24) 1,1-Dichloroethane	3.69	63	128486	52.851	ug/l	98
25) 2-Butanone	4.65	43	125992	228.918	ug/l	97
26) 2,2-Dichloropropane	4.57	77	101318	44.391	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	77207	51.494	ug/l	99
28) Bromochloromethane	5.00	49	58968	51.718	ug/l	99
29) Tetrahydrofuran	5.11	42	75334	253.690	ug/l	98
30) Chloroform	5.20	83	142899	52.126	ug/l	98
31) Cyclohexane	5.57	56	80688	47.780	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	120444	51.167	ug/l	99
36) 1,1-Dichloropropene	5.79	75	85171	50.517	ug/l	99
37) Ethyl Acetate	4.82	43	53384	51.222	ug/l	99
38) Carbon Tetrachloride	5.77	117	97138	49.107	ug/l	94

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	89461	48.351	ug/l	98
40) Benzene	6.13	78	262525	51.448	ug/l	97
41) Methacrylonitrile	5.03	41	32595	50.731	ug/l	97
42) 1,2-Dichloroethane	6.18	62	100947	50.054	ug/l	100
43) Isopropyl Acetate	6.43	43	108416	49.341	ug/l	100
44) Trichloroethene	7.20	130	71423	51.721	ug/l	97
45) 1,2-Dichloropropane	7.51	63	72997	51.682	ug/l	99
46) Dibromomethane	7.65	93	40110	51.960	ug/l	98
47) Bromodichloromethane	7.89	83	109035	51.758	ug/l	99
48) Methyl methacrylate	7.76	41	52051	49.490	ug/l	99
49) 1,4-Dioxane	7.73	88	13479	949.752	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	288819	249.051	ug/l	100
52) Toluene	8.78	92	175929	52.198	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	101987	48.505	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	114379	49.057	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	61588	51.498	ug/l	95
56) Ethyl methacrylate	9.17	69	81185	50.137	ug/l	99
57) 1,3-Dichloropropane	9.37	76	106723	52.249	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	214636	258.622	ug/l	100
59) 2-Hexanone	9.49	43	199354	247.236	ug/l	100
60) Dibromochloromethane	9.57	129	73142	52.388	ug/l	98
61) 1,2-Dibromoethane	9.67	107	56124	50.415	ug/l	100
64) Tetrachloroethene	9.33	164	64153	55.599	ug/l	99
65) Chlorobenzene	10.14	112	202575	50.816	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	78158	52.010	ug/l	100
67) Ethyl Benzene	10.25	91	358641	50.583	ug/l	99
68) m/p-Xylenes	10.35	106	268715	102.957	ug/l	99
69) o-Xylene	10.70	106	129436	50.625	ug/l	99
70) Styrene	10.71	104	235721	51.985	ug/l	99
71) Bromoform	10.85	173	38986	50.030	ug/l #	100
73) Isopropylbenzene	11.01	105	360536	50.652	ug/l	99
74) N-amyl acetate	10.89	43	101042	47.743	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	76040	49.742	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	64669m	46.559	ug/l	
77) Bromobenzene	11.25	156	83332	50.850	ug/l	98
78) n-propylbenzene	11.35	91	432676	50.337	ug/l	99
79) 2-Chlorotoluene	11.42	91	271642	51.009	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	325467	50.845	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	20134	43.432	ug/l	94
82) 4-Chlorotoluene	11.51	91	326905	51.079	ug/l	100
83) tert-Butylbenzene	11.77	119	312881	50.339	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	333284	50.367	ug/l	97
85) sec-Butylbenzene	11.94	105	372790	50.267	ug/l	99
86) p-Isopropyltoluene	12.06	119	347294	50.682	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	169491	50.771	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	172601	51.131	ug/l	99
89) n-Butylbenzene	12.39	91	333344	49.632	ug/l	99
90) Hexachloroethane	12.59	117	62785	49.744	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	158433	51.305	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	14308	45.855	ug/l	94

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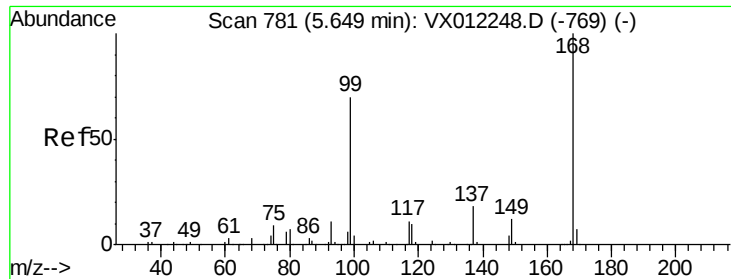
Manual Integrations
APPROVED

MMDadoda
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QLast Update : Tue Sep 10 12:55:26 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	106928	50.140	ug/l	99
94) Hexachlorobutadiene	13.78	225	54255	51.139	ug/l	95
95) Naphthalene	13.83	128	224142	48.976	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	95507	50.616	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 128638

Ion Ratio Lower Upper

168 100

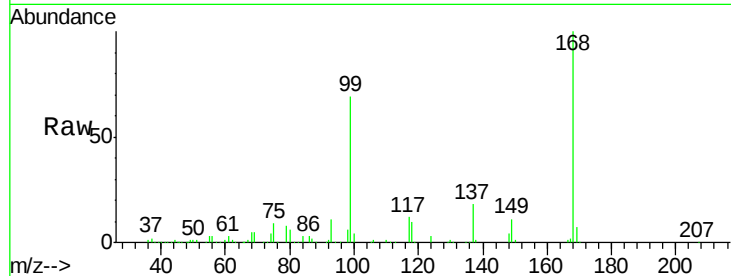
99 68.3 55.8 83.6

Manual Integrations

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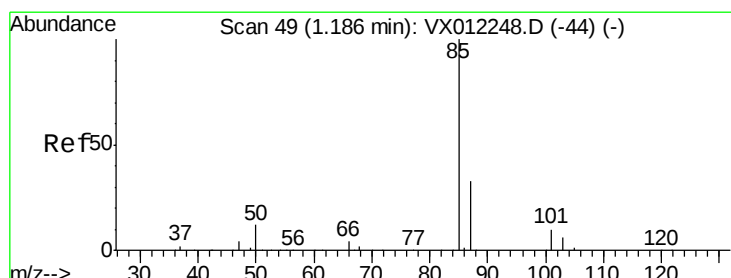
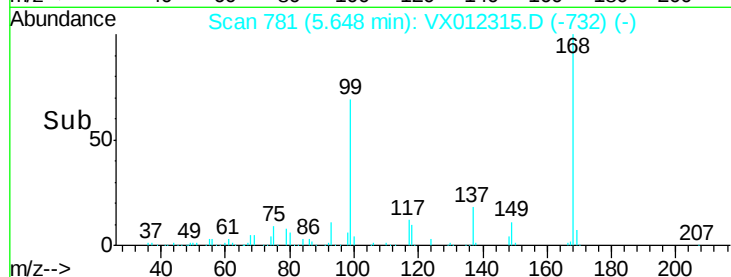
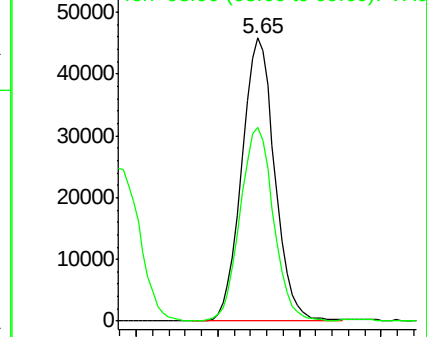
MMDadoda

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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: 44.499 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012315.D

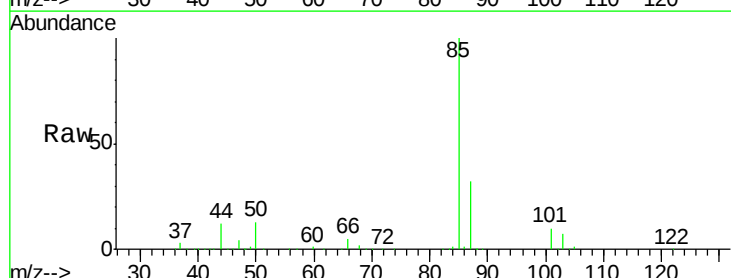
Acq: 11 Sep 2019 21:38

Tgt Ion: 85 Resp: 46800

Ion Ratio Lower Upper

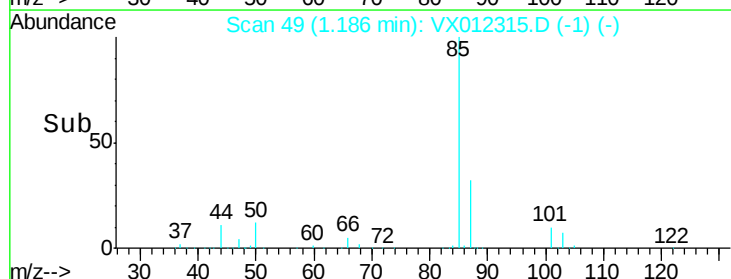
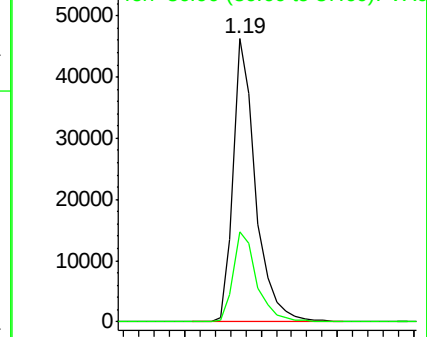
85 100

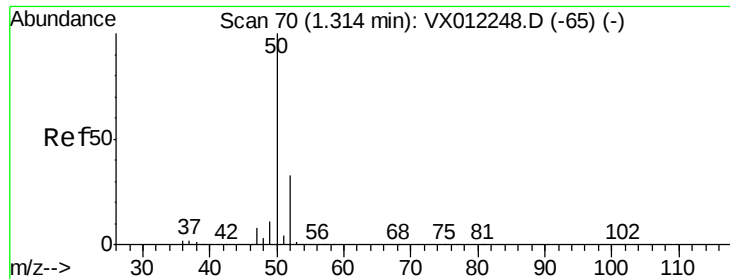
87 32.0 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 50.588 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 47958

Ion Ratio Lower Upper

50 100

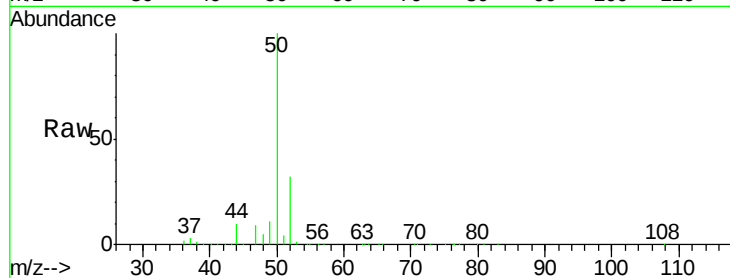
52 32.2 26.7 40.1

Manual Integrations

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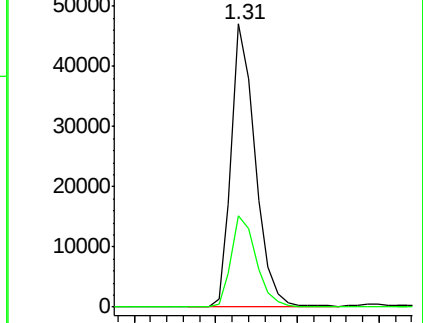
MMDadoda

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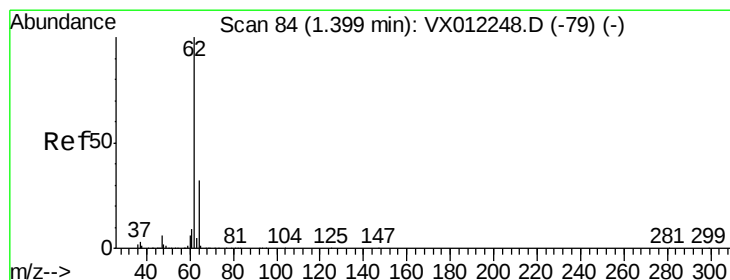
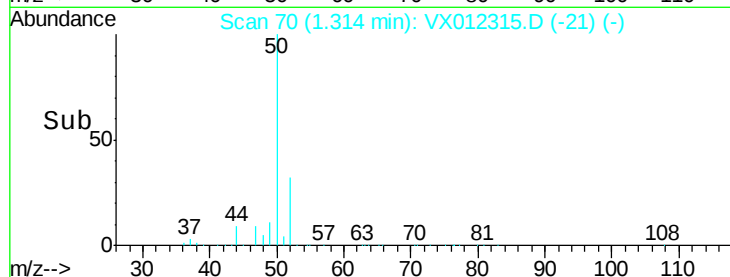


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 48.928 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012315.D

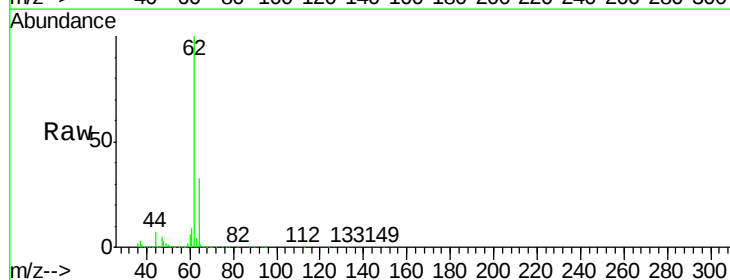
Acq: 11 Sep 2019 21:38

Tgt Ion: 62 Resp: 45992

Ion Ratio Lower Upper

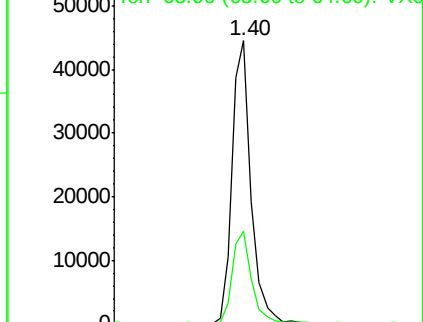
62 100

64 32.5 25.5 38.3

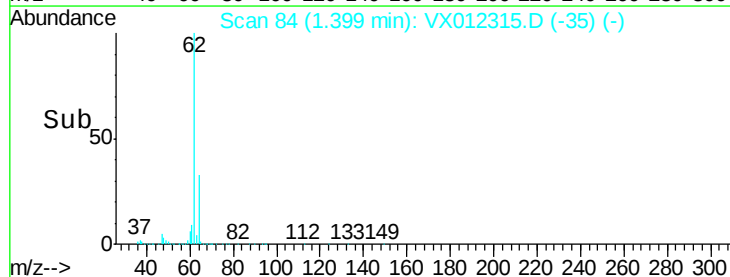


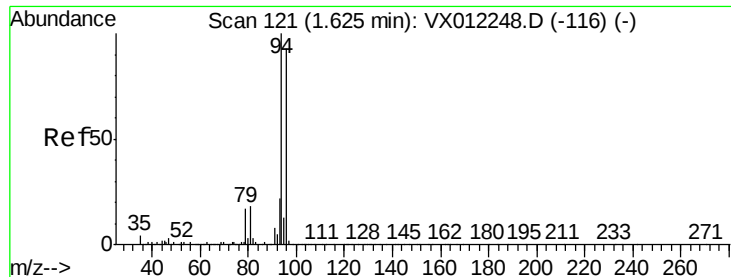
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 72.912 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 26969

Ion Ratio Lower Upper

94 100

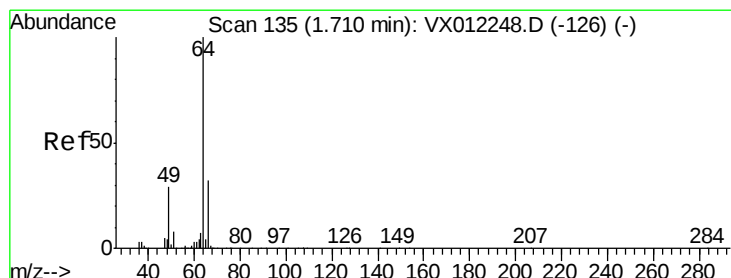
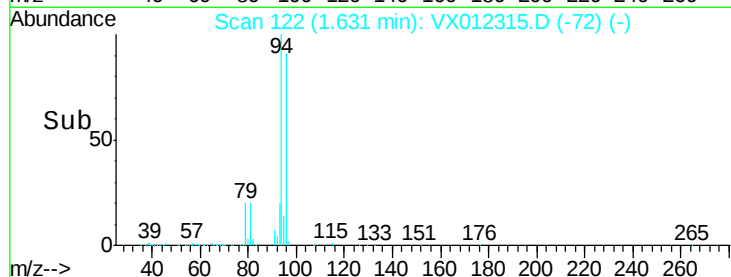
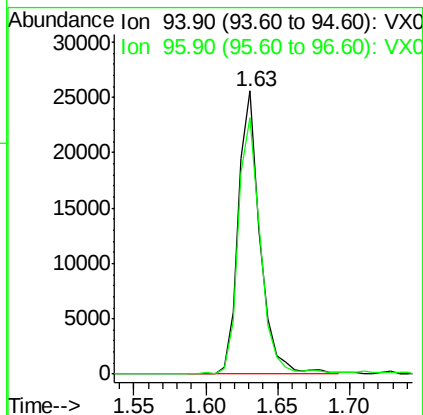
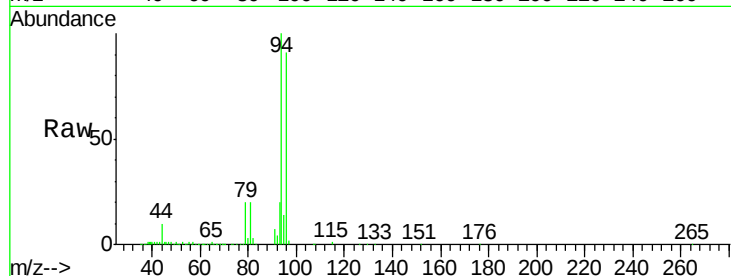
96 90.8 74.0 111.0

Manual Integrations

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#6

Chloroethane

Concen: 49.786 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX012315.D

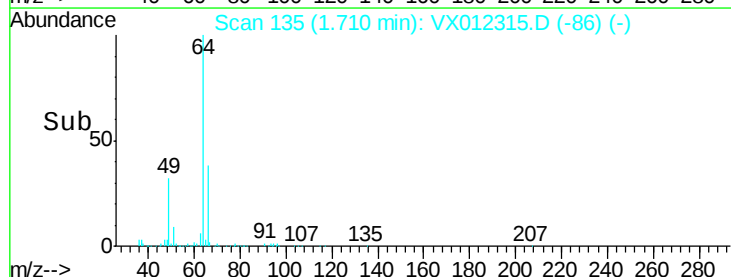
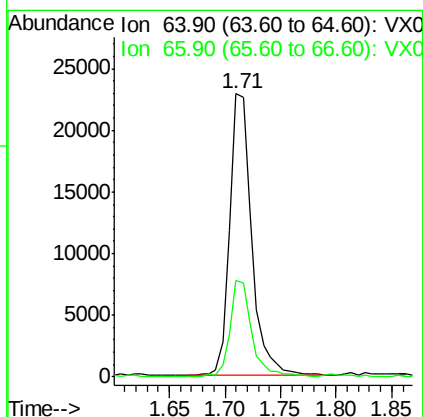
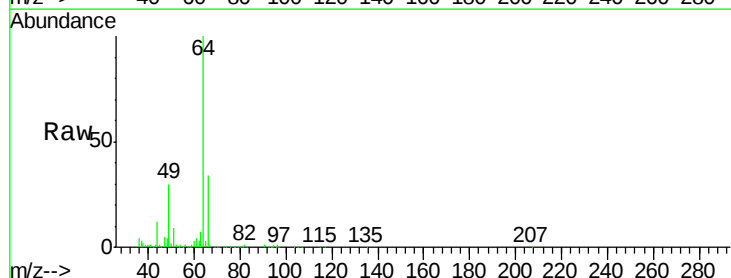
Acq: 11 Sep 2019 21:38

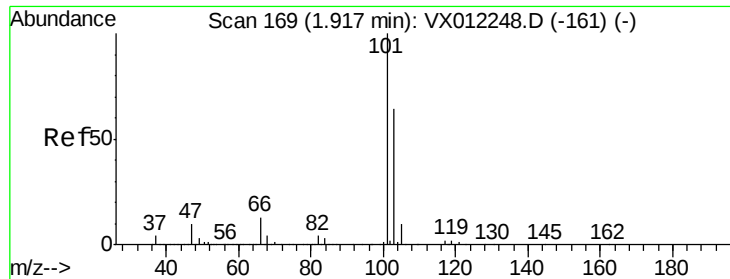
Tgt Ion: 64 Resp: 31293

Ion Ratio Lower Upper

64 100

66 34.2 25.8 38.6





#7

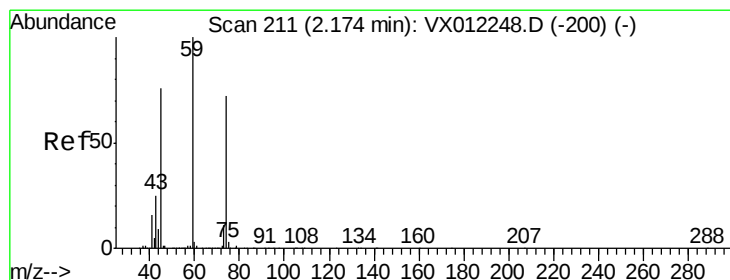
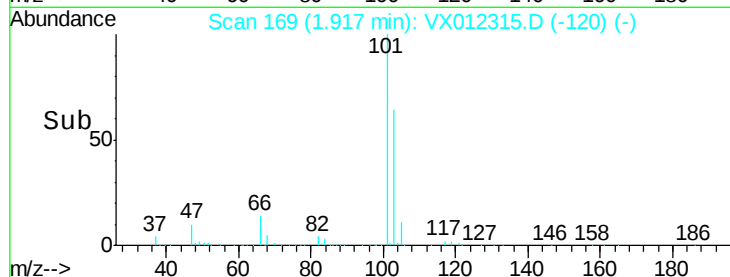
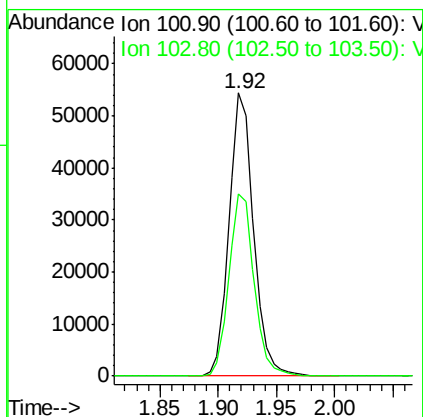
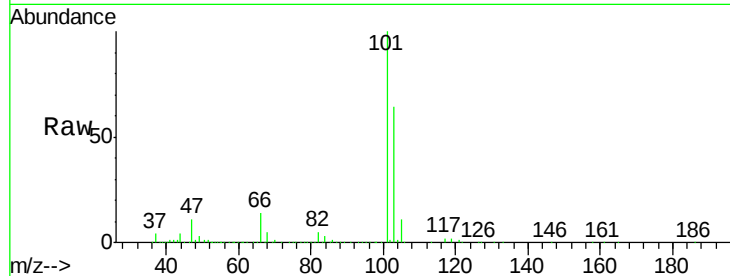
Trichlorofluoromethane
 Concen: 46.921 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

Instrument :
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 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		79822		
103	64.4	51.4	77.2		

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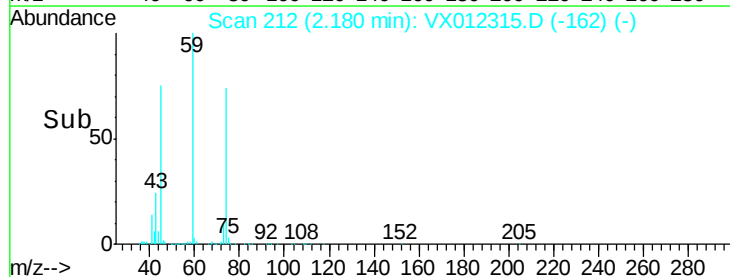
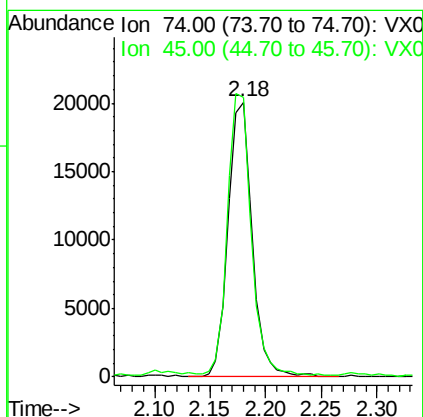
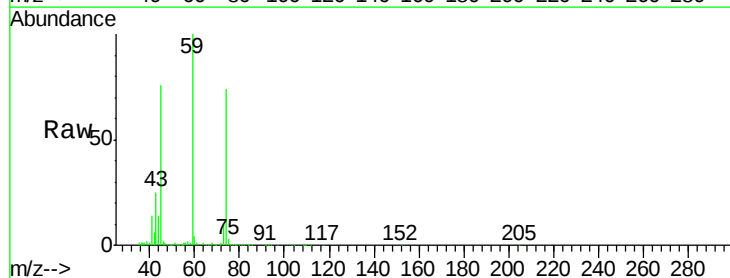
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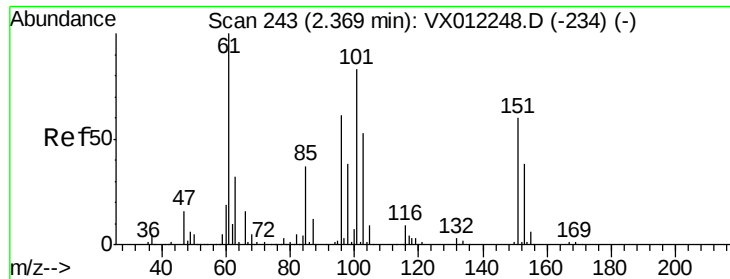


#8

Diethyl Ether
 Concen: 52.022 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.01 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		30199		
45	100.5	51.3	153.9		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.227 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Instrument :

MSVOA_X

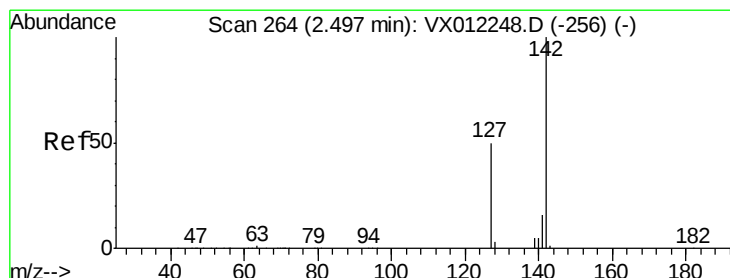
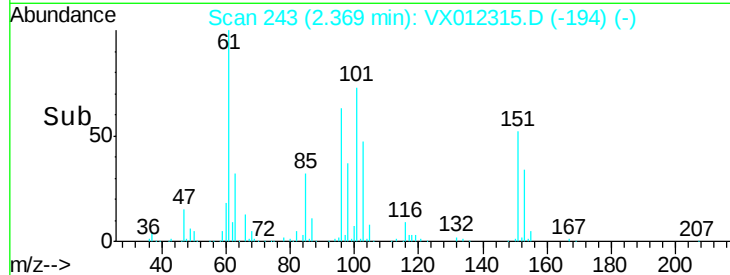
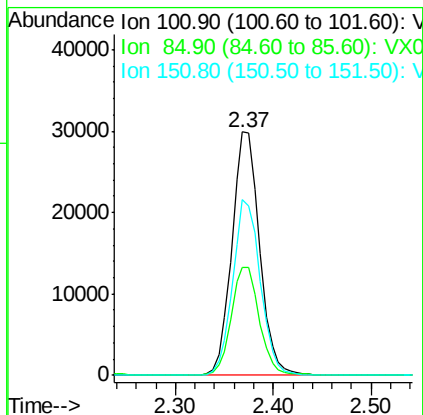
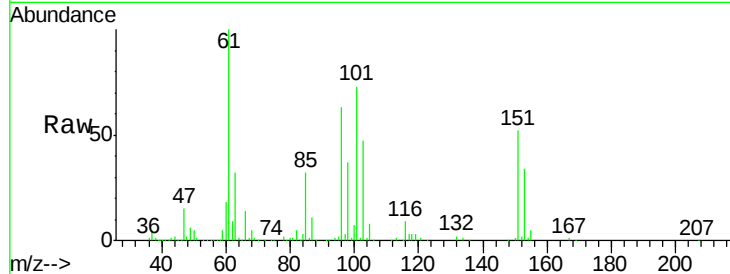
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	58735
Ion Ratio	Lower	Upper	
101	100		
85	45.2	37.0	55.6
151	72.0	58.6	87.8

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#10

Methyl Iodide

Concen: 40.106 ug/l

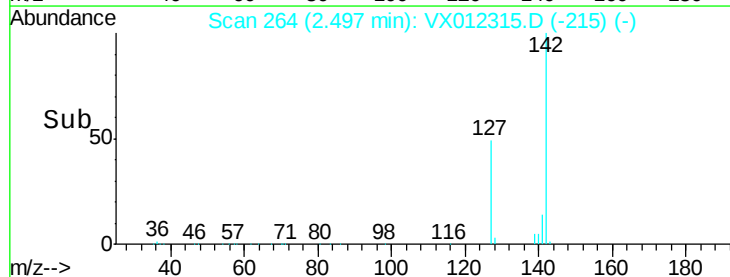
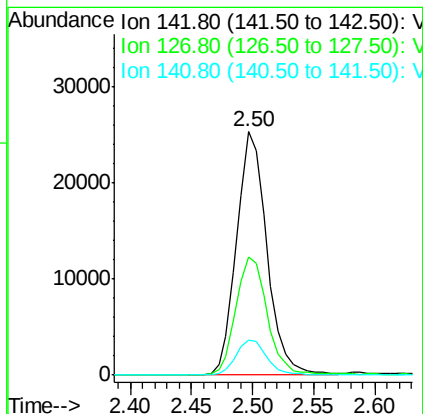
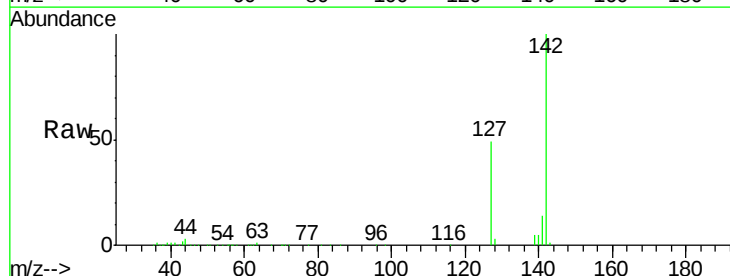
RT: 2.50 min Scan# 264

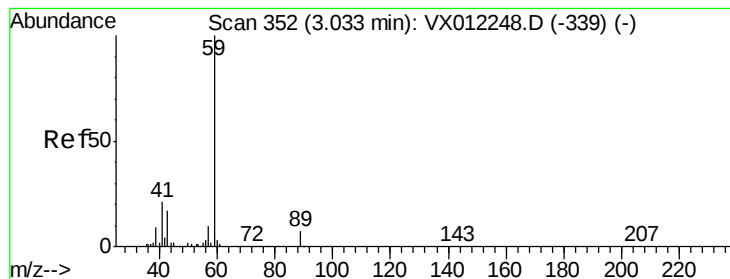
Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Tgt Ion:	142	Resp:	43766
Ion Ratio	Lower	Upper	
142	100		
127	50.0	40.6	61.0
141	14.7	12.0	18.0





#11

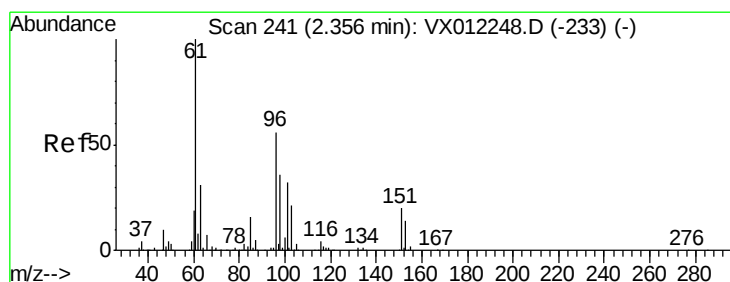
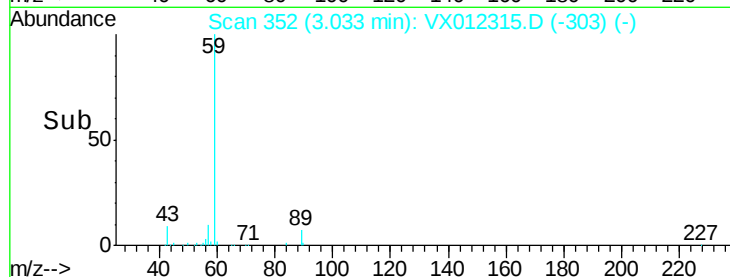
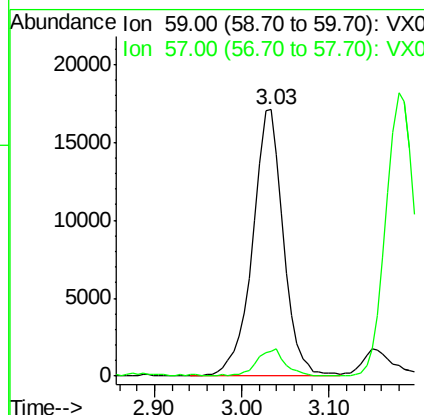
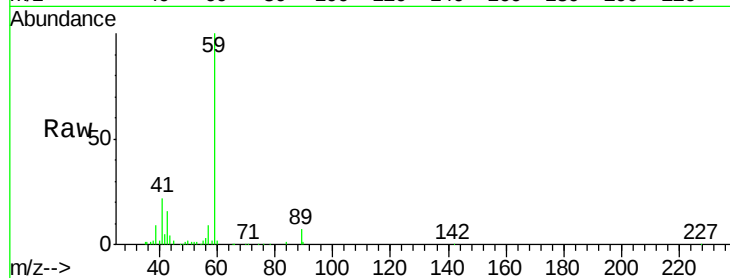
Tert butyl alcohol
 Concen: 216.442 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. 0.00 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.4	7.8	11.6

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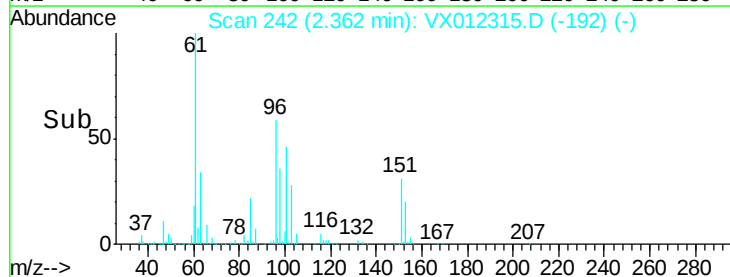
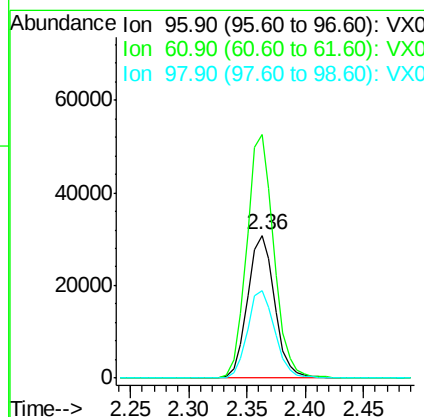
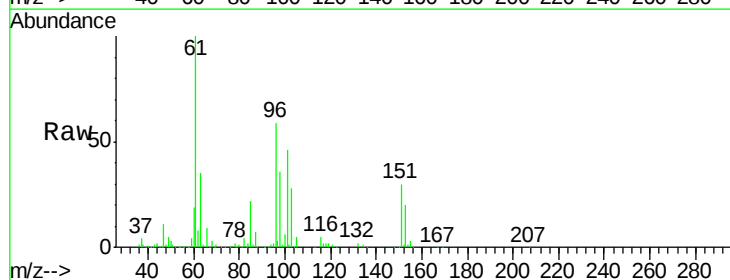
MMDadoda
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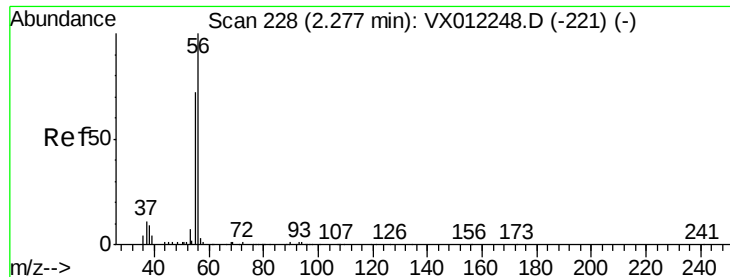


#12

1,1-Dichloroethene
 Concen: 51.726 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.01 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.9	142.2	213.2
98	61.5	51.3	76.9





#13

Acrolein

Concen: 240.031 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.01 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 22820

Ion Ratio Lower Upper

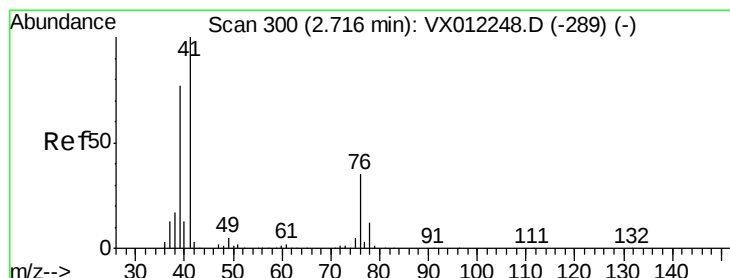
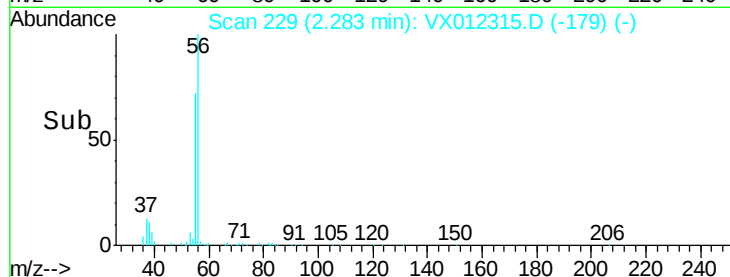
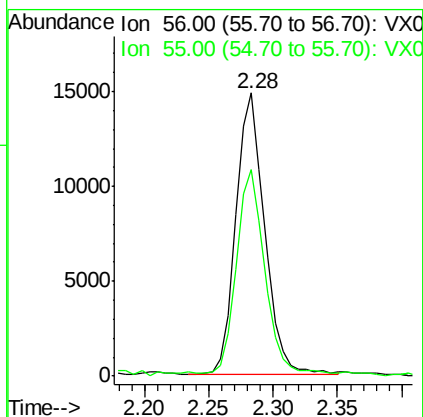
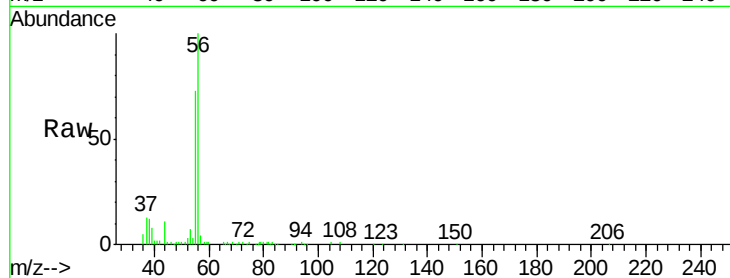
56 100

55 70.4 59.8 89.6

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#14

Allyl chloride

Concen: 50.300 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

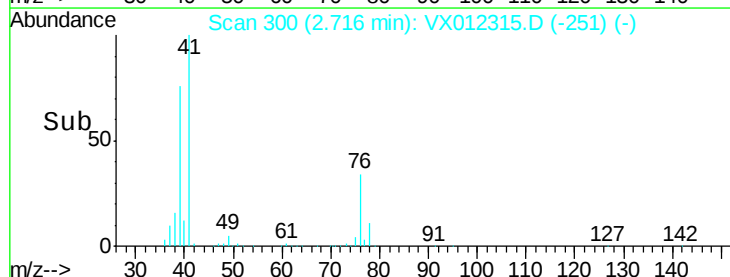
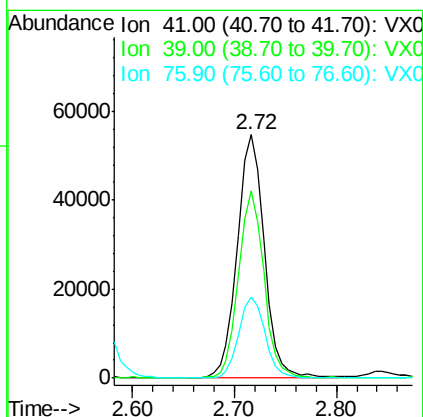
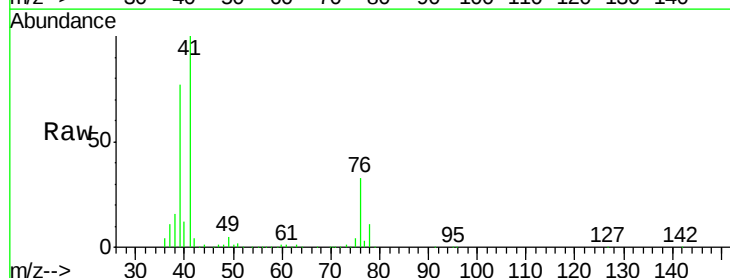
Tgt Ion: 41 Resp: 99822

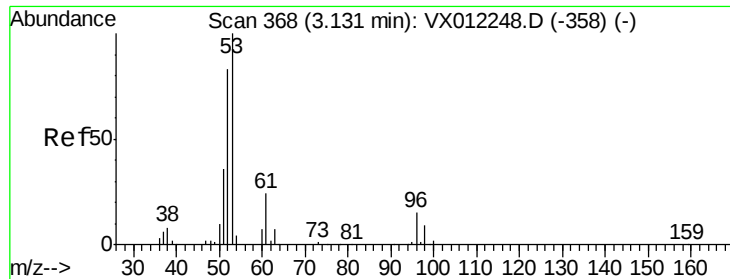
Ion Ratio Lower Upper

41 100

39 72.1 58.6 87.8

76 32.9 26.3 39.5





#15

Acrylonitrile

Concen: 252.434 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Instrument :

MSVOA_X

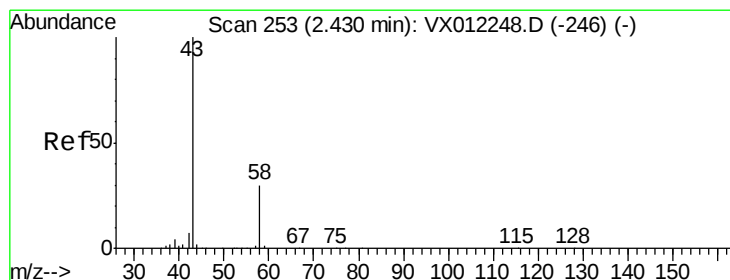
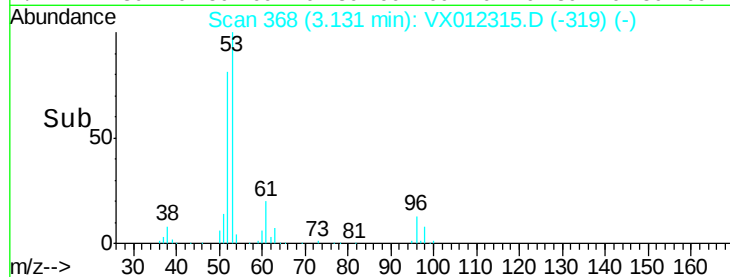
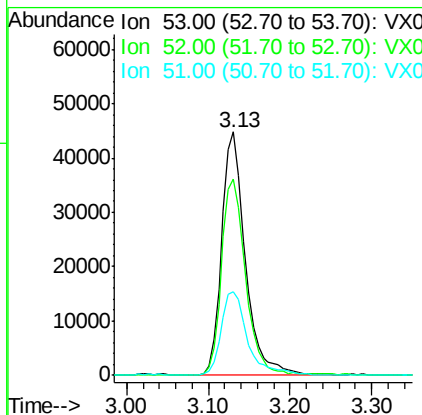
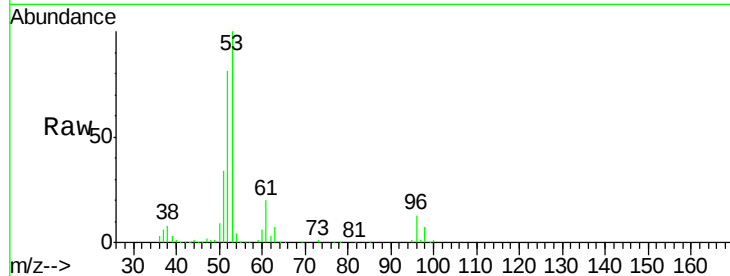
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	90583
Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.8	100.2
51	37.4	30.7	46.1

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#16

Acetone

Concen: 193.231 ug/l

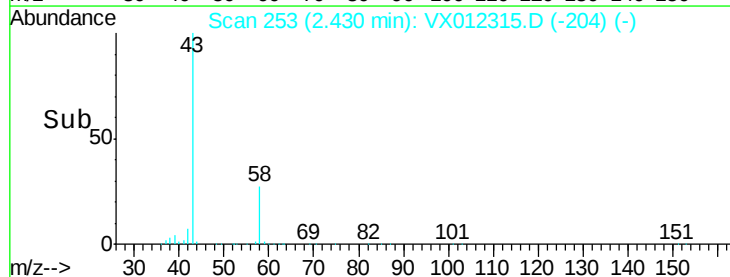
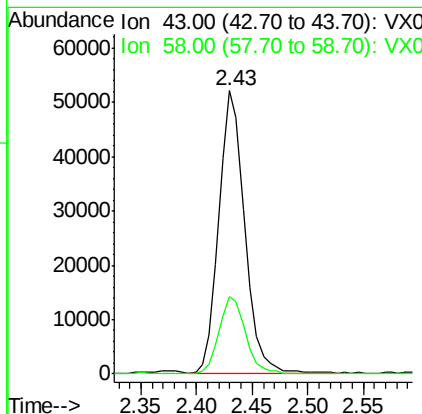
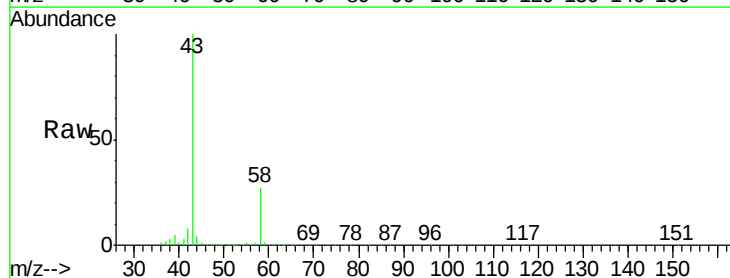
RT: 2.43 min Scan# 253

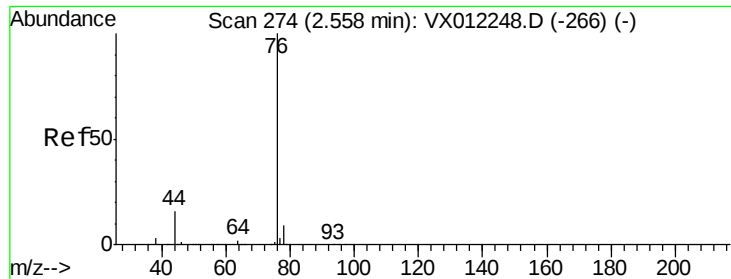
Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Tgt Ion:	43	Resp:	83193
Ion	Ratio	Lower	Upper
43	100		
58	27.1	23.6	35.4





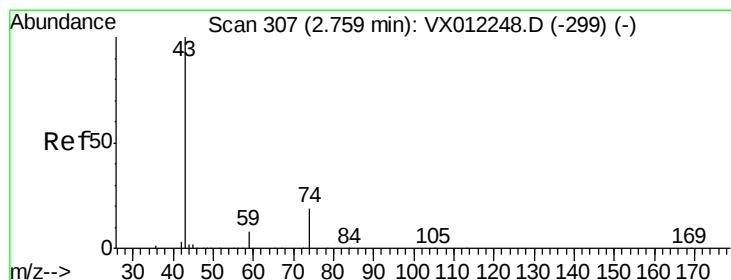
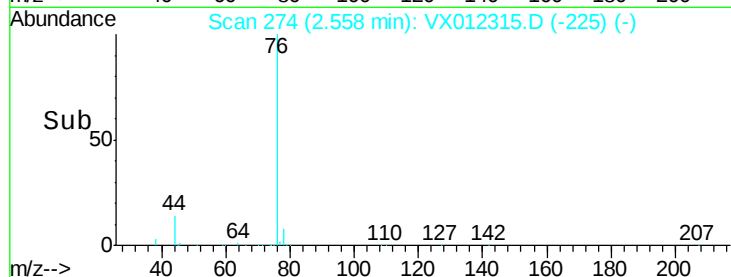
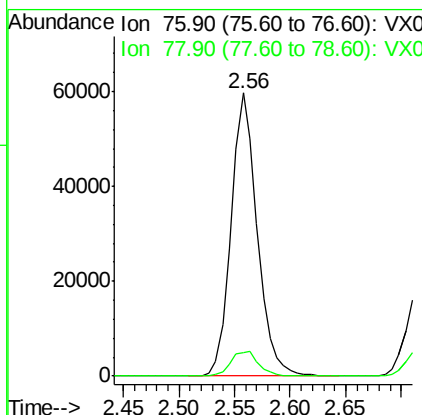
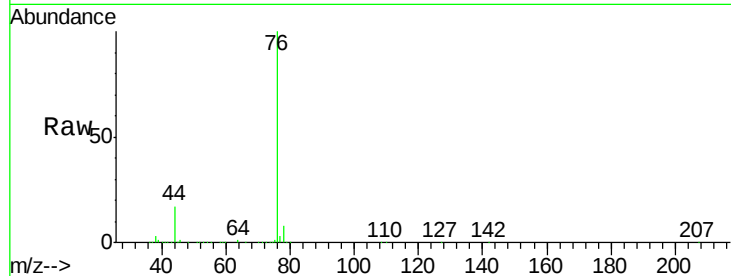
#17
Carbon Disulfide
Concen: 47.495 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.2	7.4	11.2

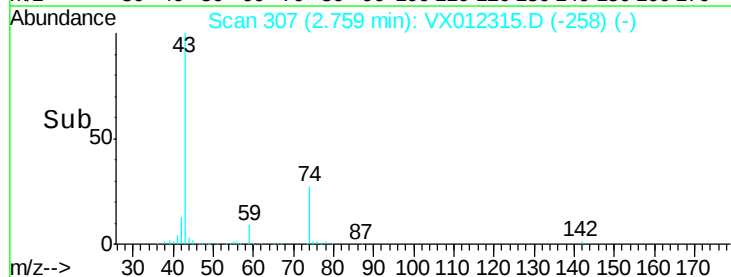
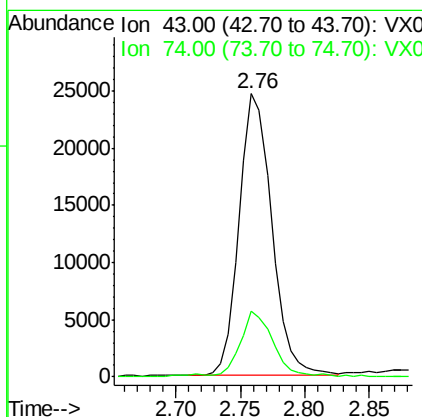
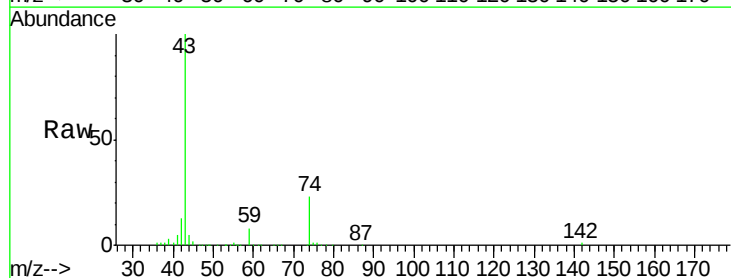
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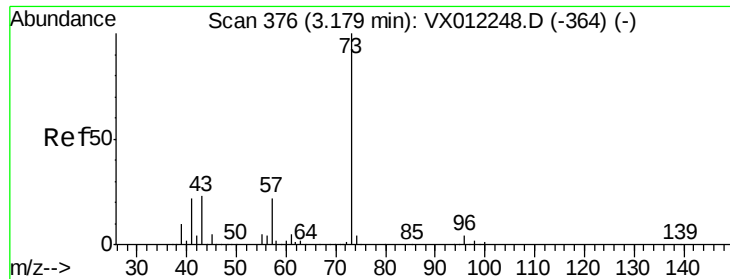
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#18
Methyl Acetate
Concen: 47.991 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.8	18.3	27.5





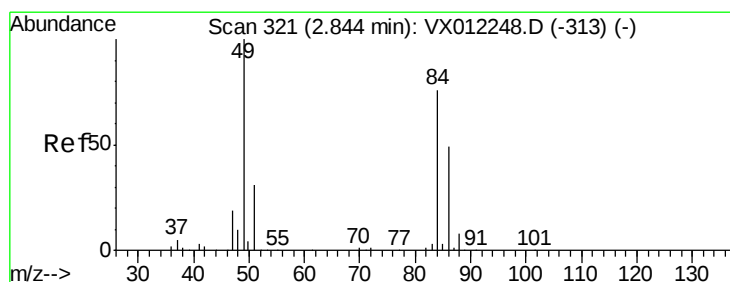
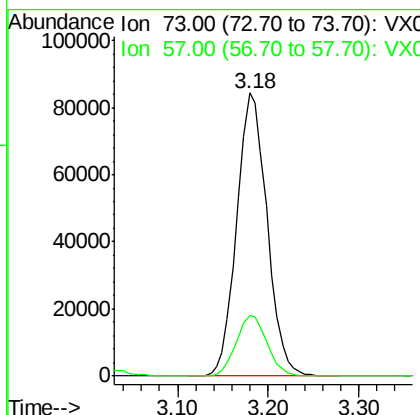
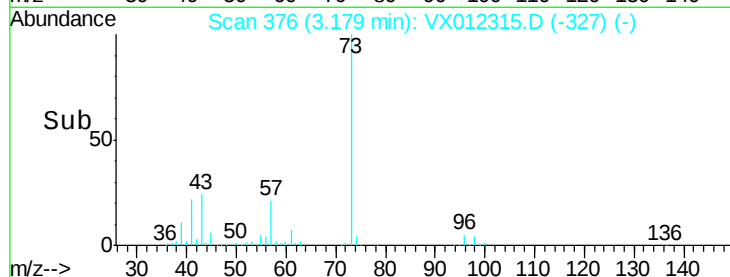
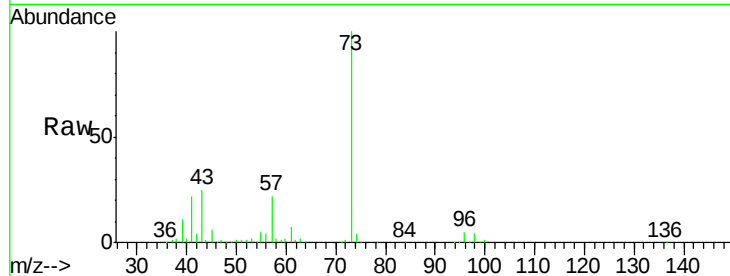
#19
Methvl tert-butvl Ether
Concen: 50.950 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.7	26.5

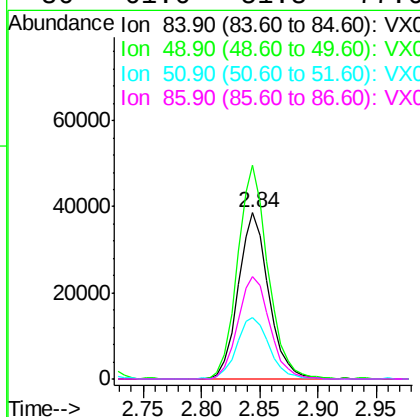
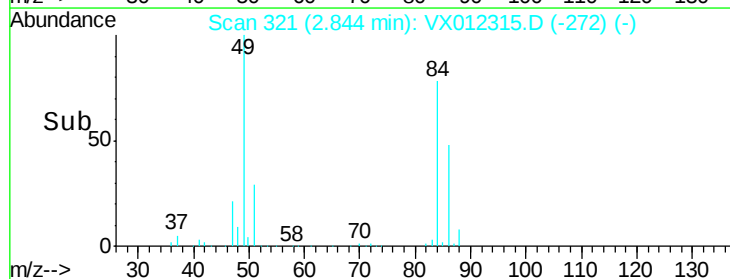
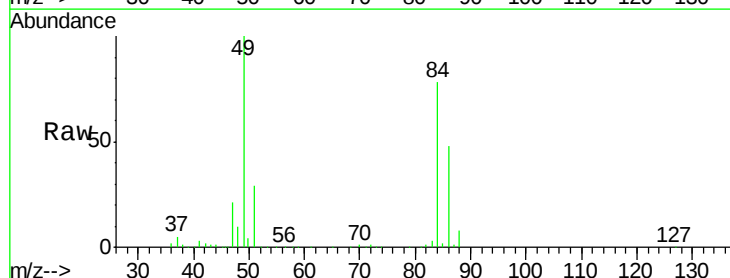
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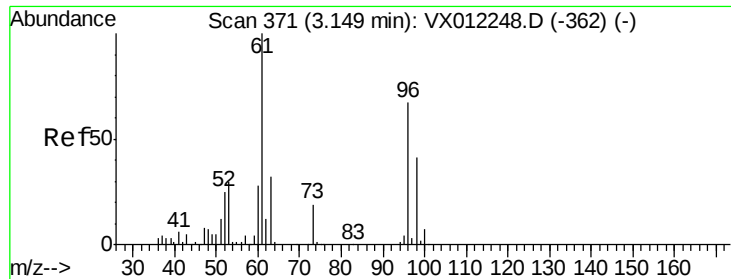
MMDadoda
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#20
Methylene Chloride
Concen: 52.676 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

Tgt Ion	Ratio	Lower	Upper
84	100		
49	128.7	105.0	157.6
51	37.1	32.6	48.8
86	61.6	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 51.264 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Instrument :

MSVOA_X

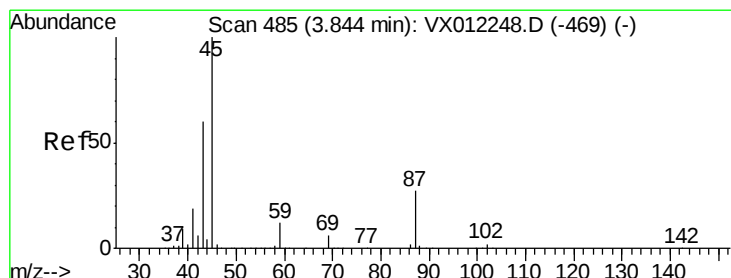
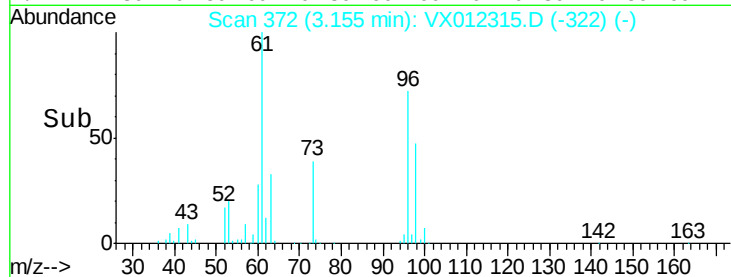
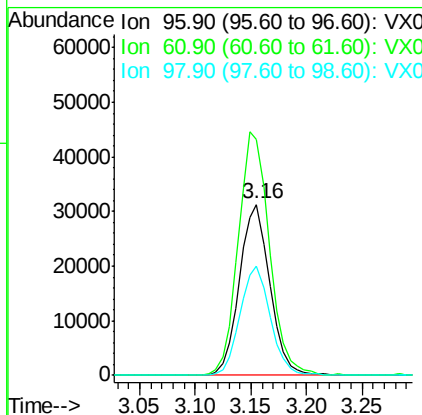
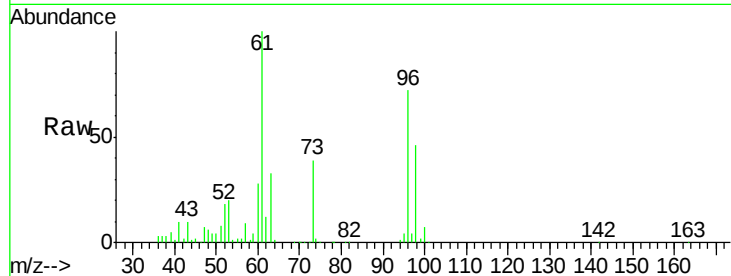
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	59534
Ion	Ratio	Lower	Upper
96	100		
61	138.0	119.4	179.2
98	64.2	48.4	72.6

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#22

Diisopropyl ether

Concen: 52.702 ug/l

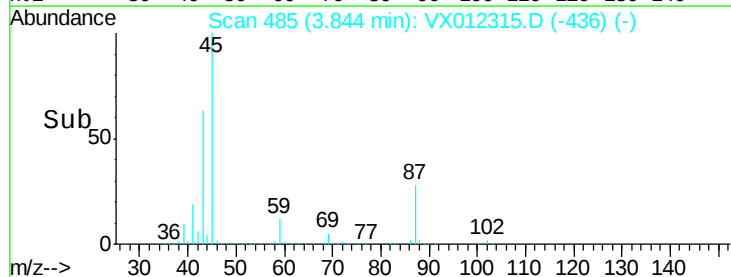
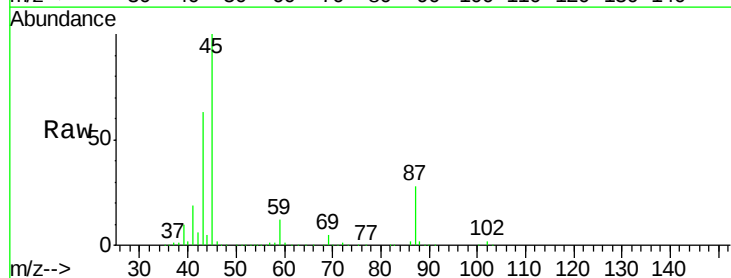
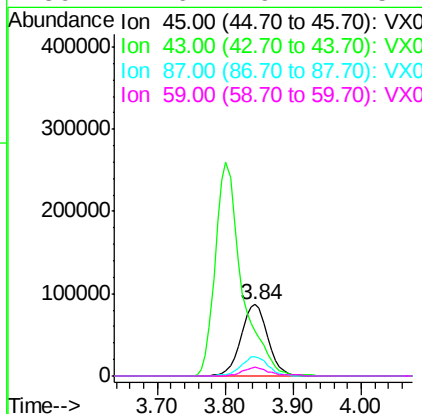
RT: 3.84 min Scan# 485

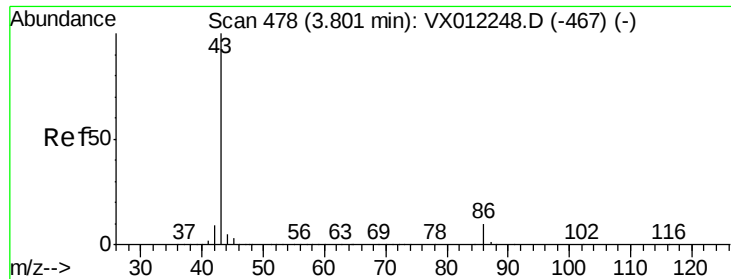
Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Tgt Ion:	45	Resp:	239192
Ion	Ratio	Lower	Upper
45	100		
43	63.3	48.3	72.5
87	27.7	21.8	32.8
59	11.6	9.1	13.7





#23

Vinyl Acetate

Concen: 253.162 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 704959

Ion Ratio Lower Upper

43 100

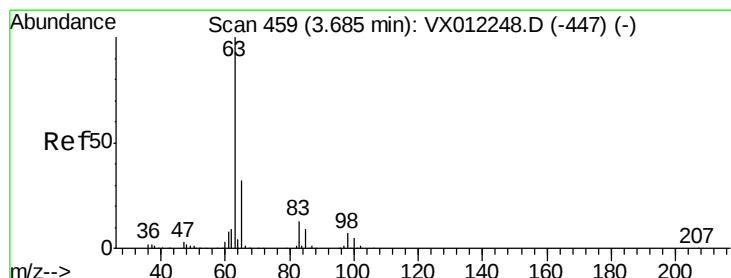
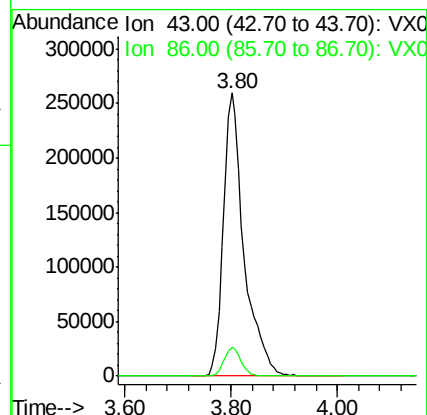
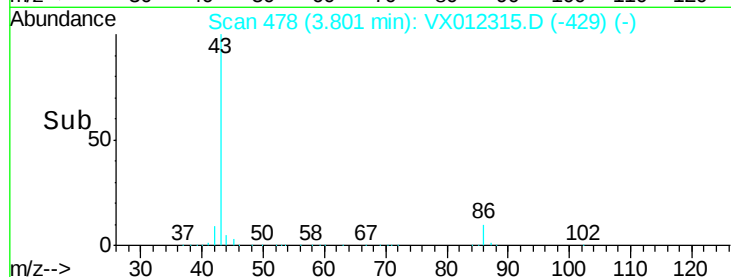
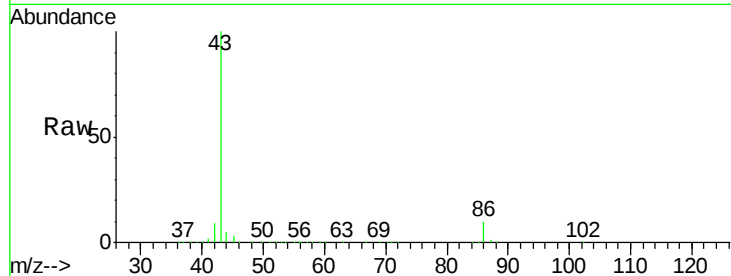
86 10.3 8.3 12.5

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#24

1,1-Dichloroethane

Concen: 52.851 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

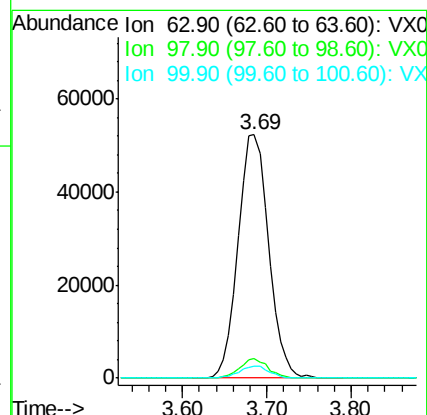
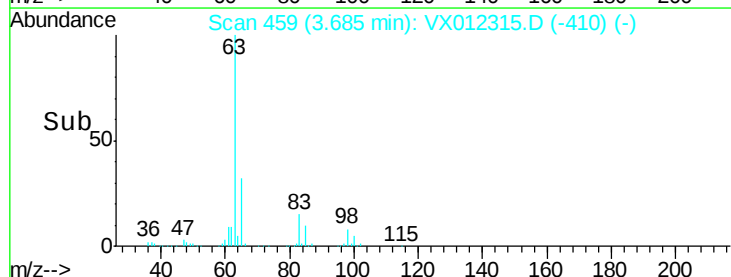
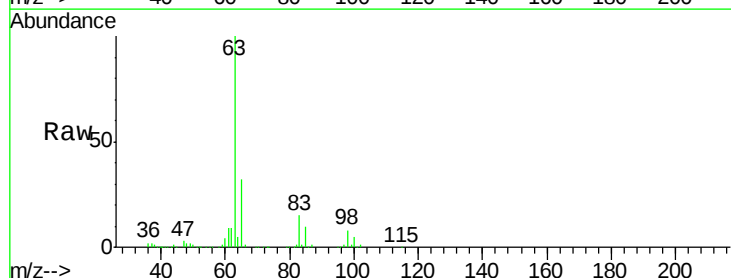
Tgt Ion: 63 Resp: 128486

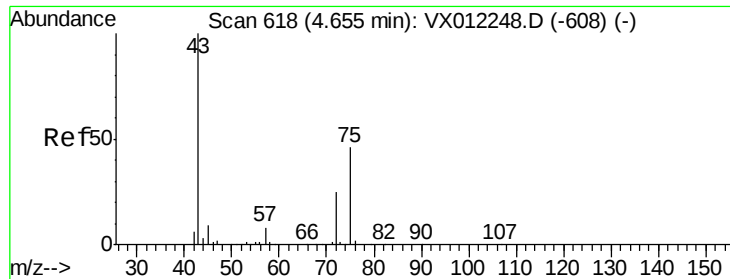
Ion Ratio Lower Upper

63 100

98 7.8 3.4 10.1

100 4.9 2.4 7.2





#25

2-Butanone

Concen: 228.918 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Tot Ion: 43 Resp: 125992

Ion Ratio Lower Upper

43 100

72 23.7 20.2 30.2

Instrument :

MSVOA_X

ClientSampleId :

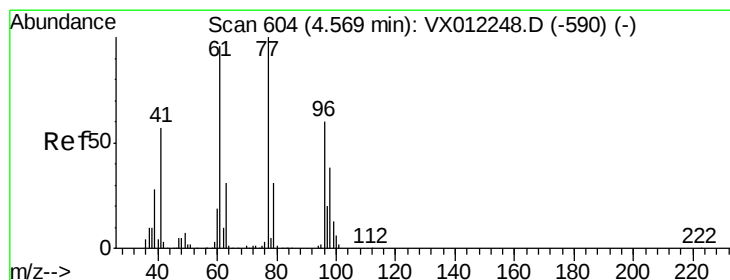
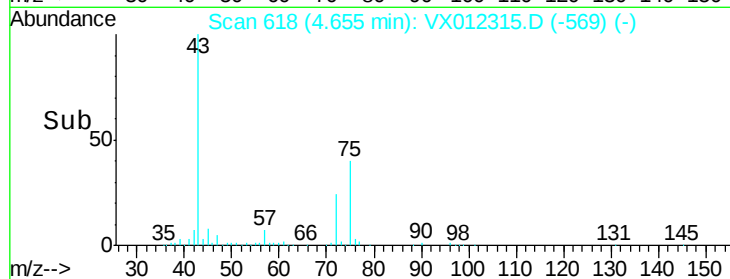
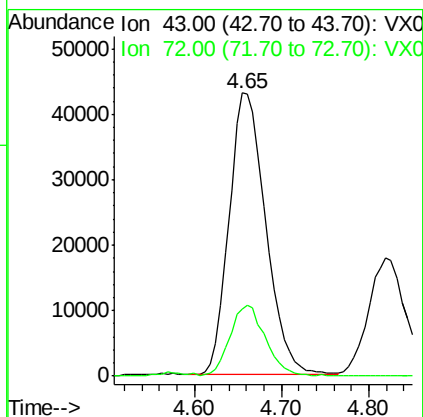
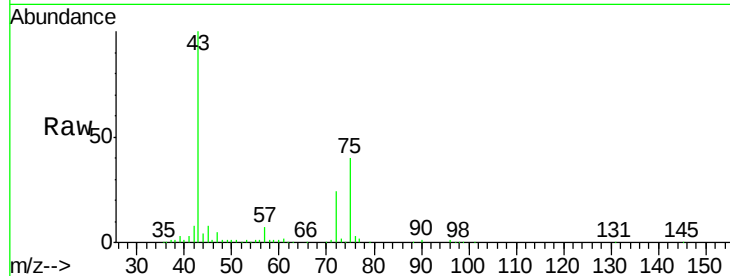
VSTDCCC050

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#26

2,2-Dichloropropane

Concen: 44.391 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX012315.D

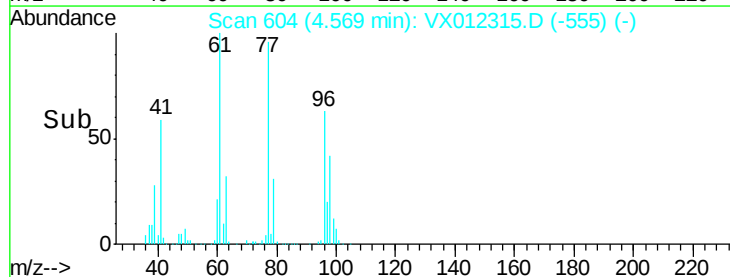
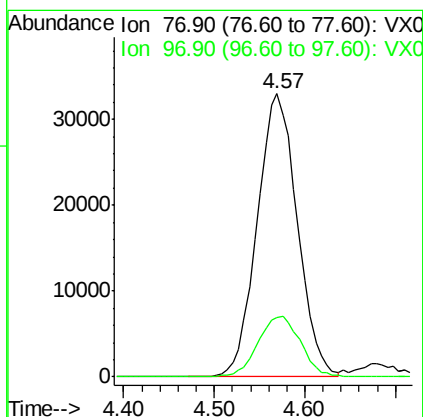
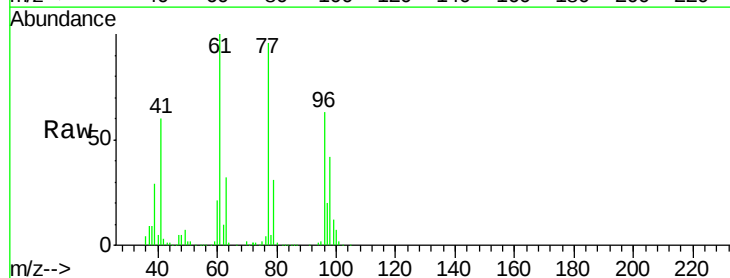
Acq: 11 Sep 2019 21:38

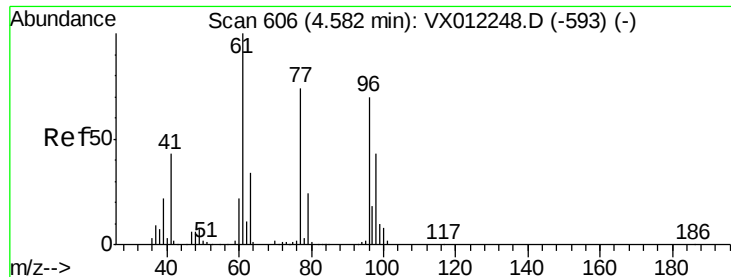
Tgt Ion: 77 Resp: 101318

Ion Ratio Lower Upper

77 100

97 22.7 10.7 32.1





#27

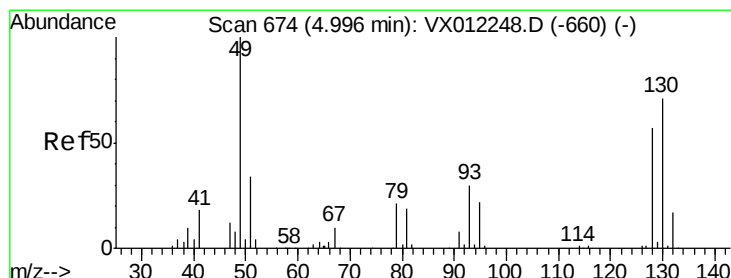
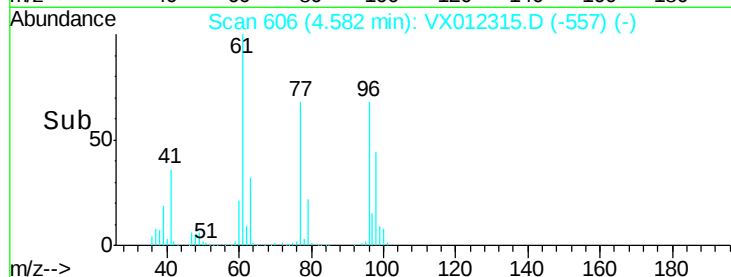
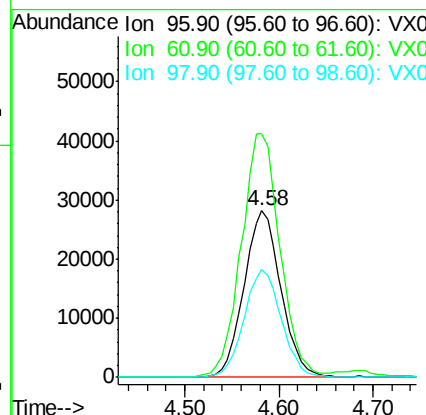
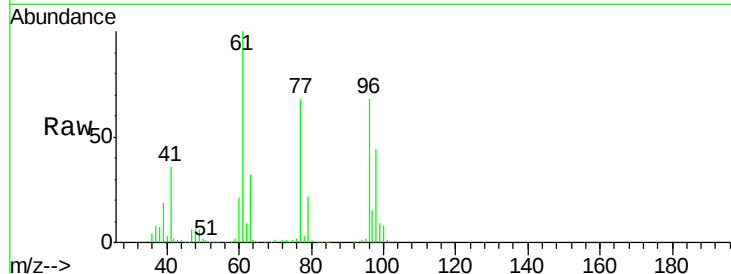
cis-1,2-Dichloroethene
 Concen: 51.494 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	153.8	0.0	310.4
98	65.6	0.0	128.8

Manual Integrations
 APPROVED

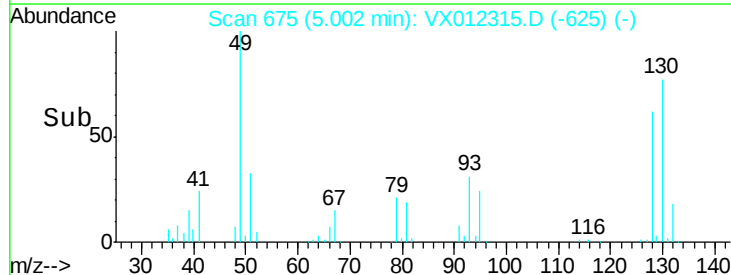
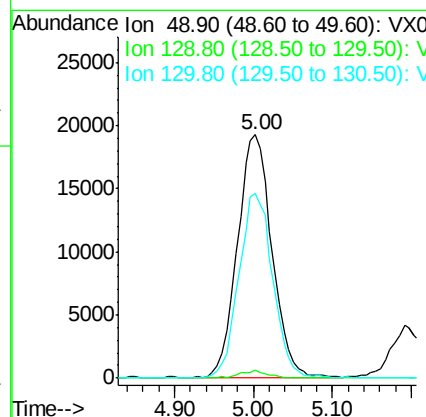
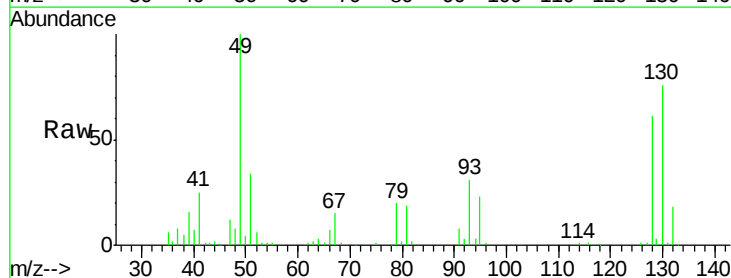
MMDadoda
 9/12/2019 9:26:41 AM

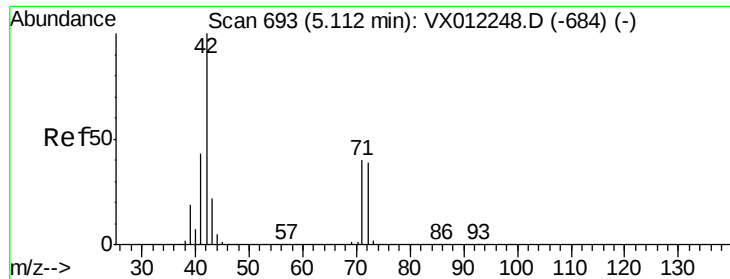


#28

Bromochloromethane
 Concen: 51.718 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.01 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.2
130	74.2	60.1	90.1





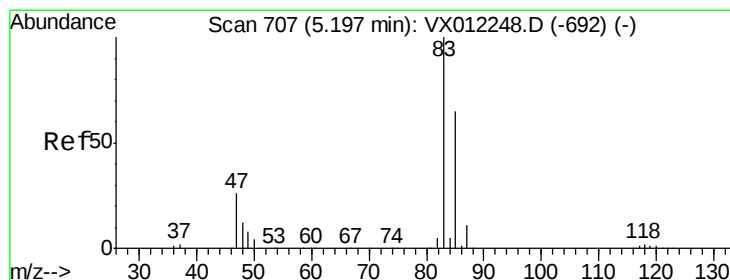
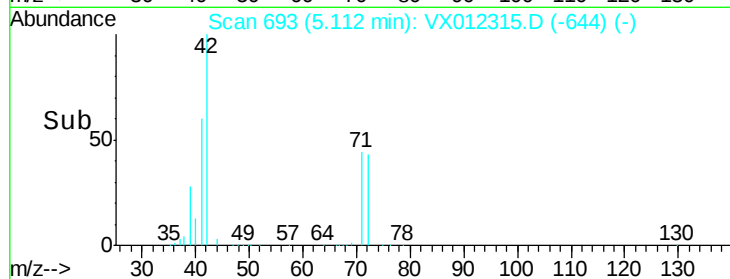
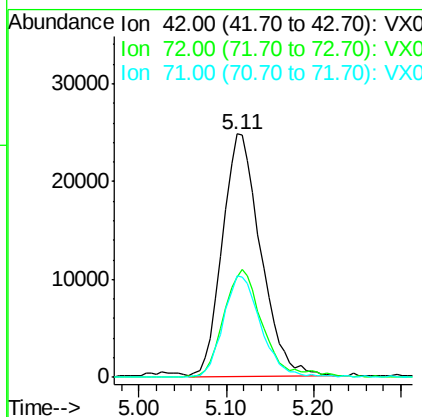
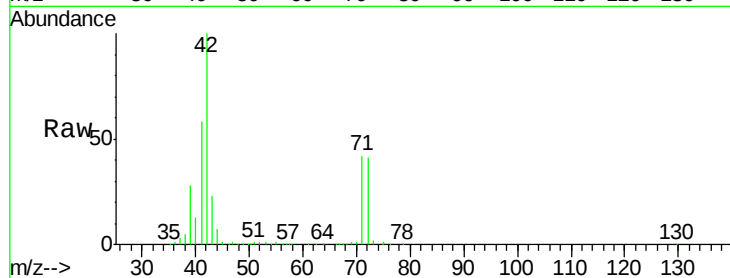
#29
Tetrahydrofuran
Concen: 253.690 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.5	35.2	52.8
71	41.2	32.5	48.7

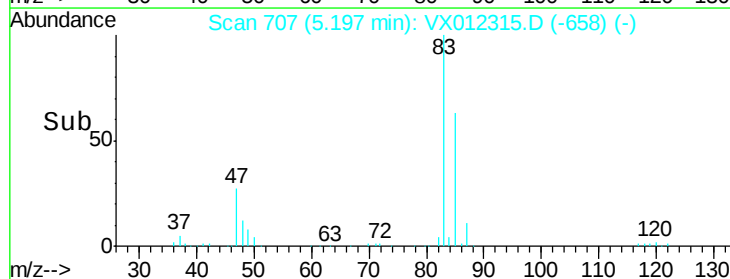
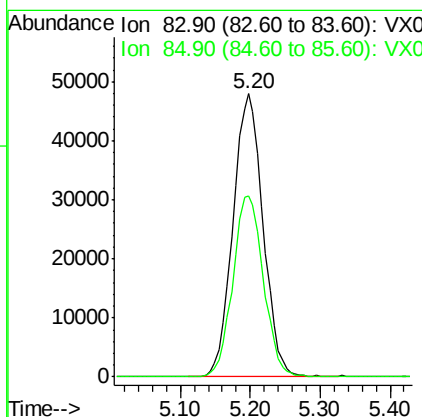
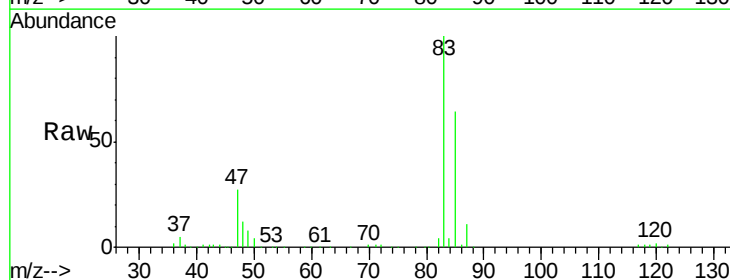
Manual Integrations
APPROVED

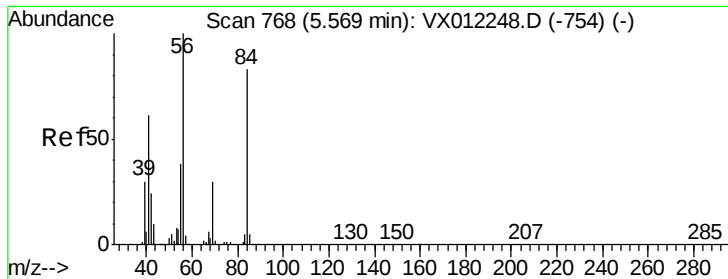
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9/12/2019 9:26:41 AM



#30
Chloroform
Concen: 52.126 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.3	78.5





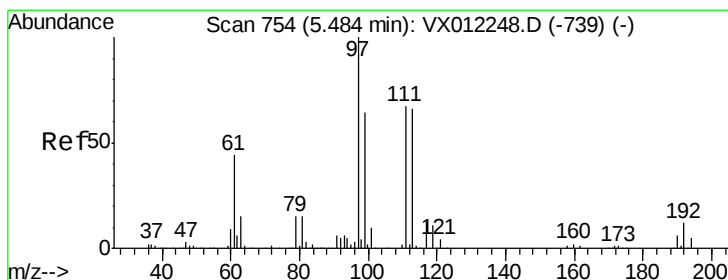
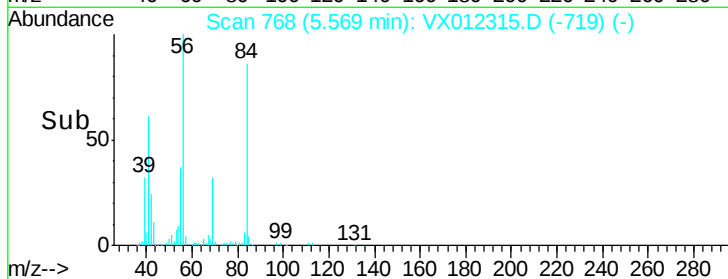
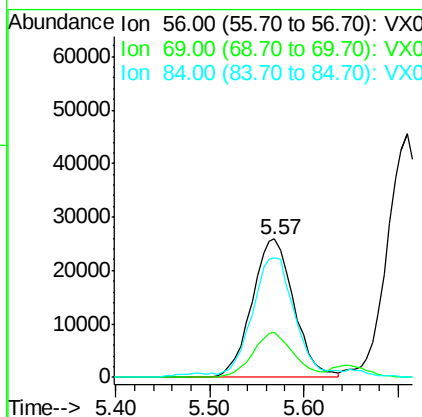
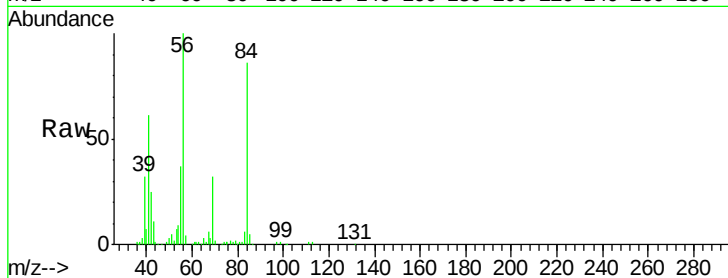
#31
Cyclohexane
Concen: 47.780 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.3	23.8	35.6
84	83.9	66.6	100.0

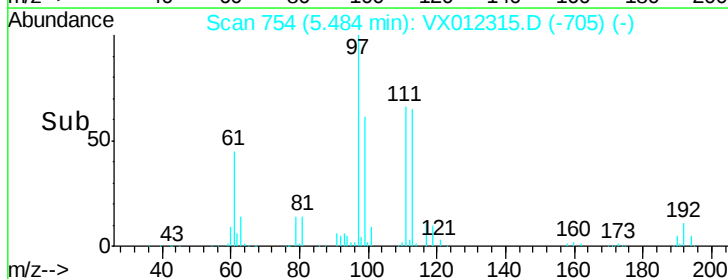
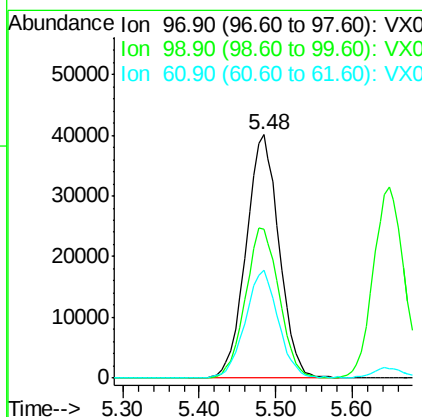
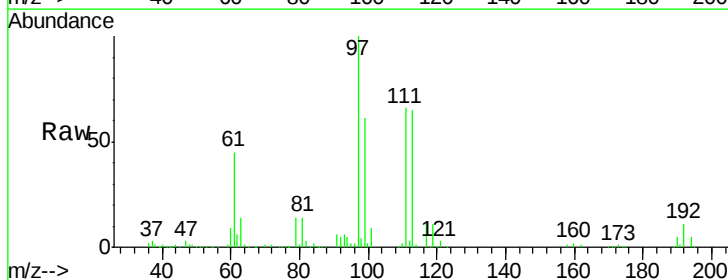
Manual Integrations
APPROVED

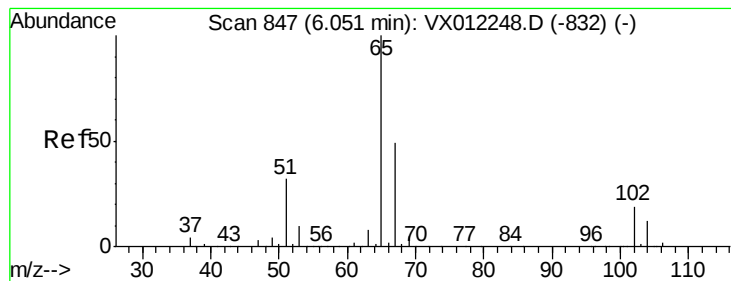
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 51.167 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.7	51.3	76.9
61	44.2	35.4	53.0





#33

1,2-Dichloroethane-d4

Concen: 49.620 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 90244

Ion Ratio Lower Upper

65 100

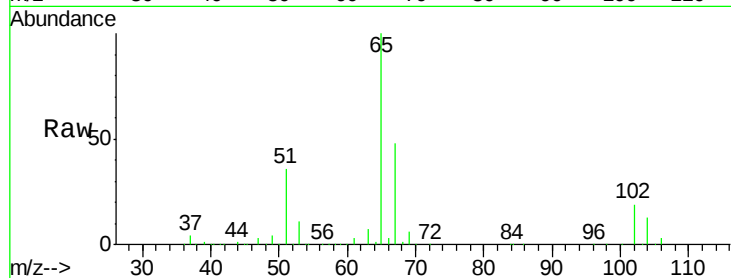
67 50.5 0.0 99.8

Manual Integrations

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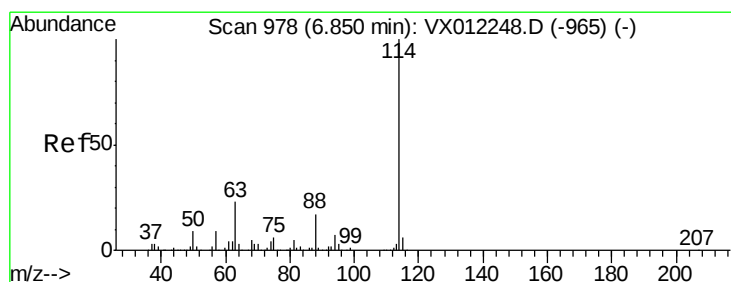
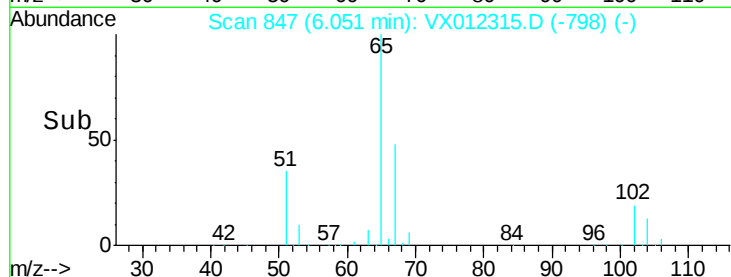
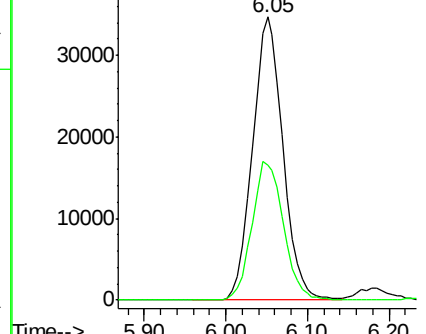
MMDadoda

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

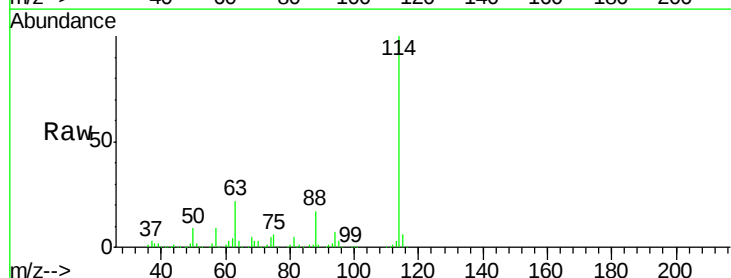
Tgt Ion: 114 Resp: 231219

Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.2

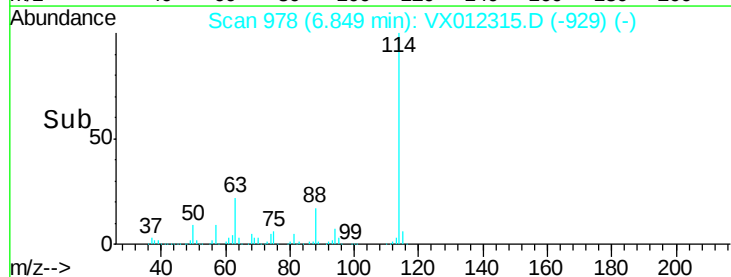
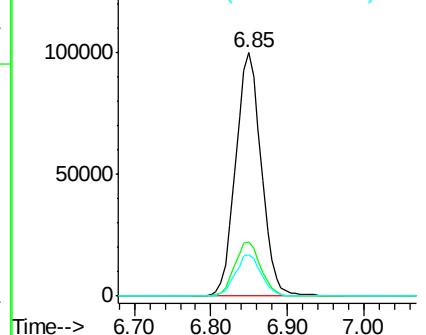
88 17.2 0.0 34.8

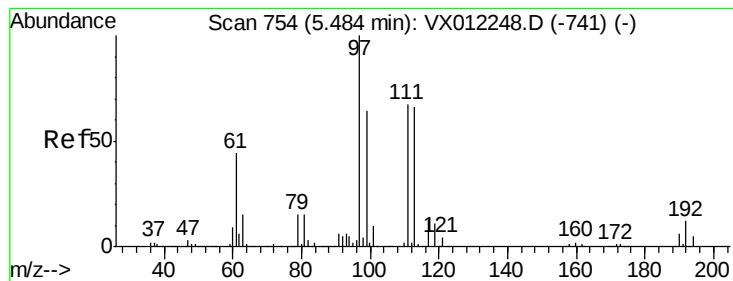


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.739 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Instrument :

MSVOA_X

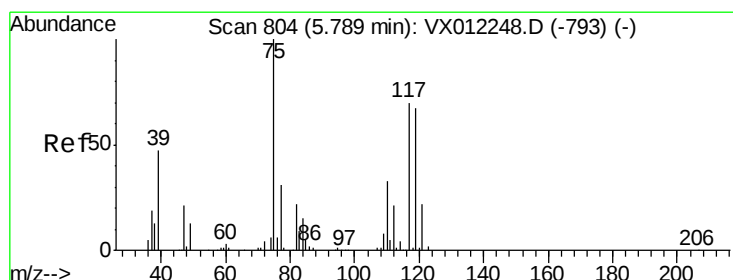
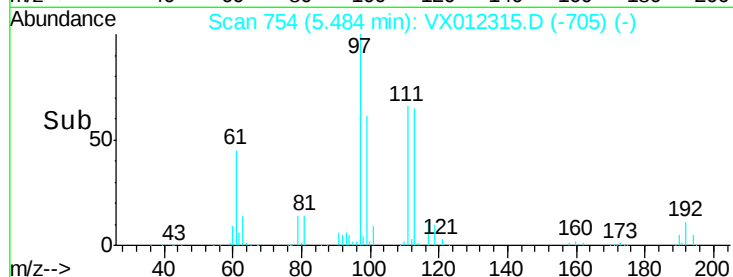
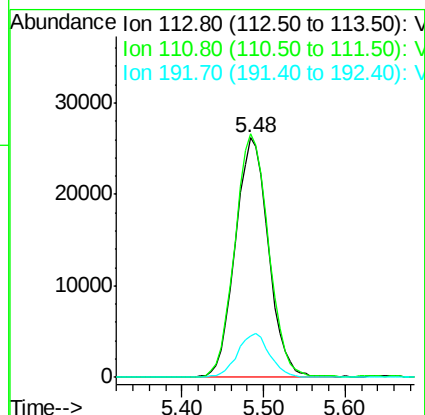
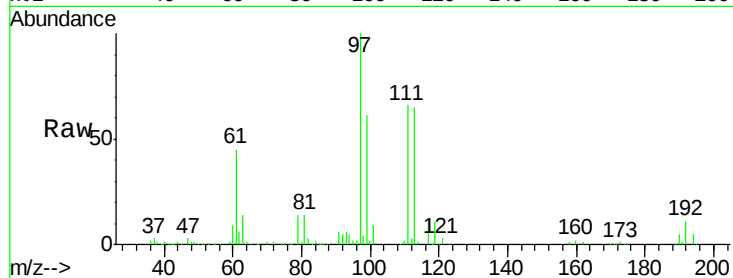
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	73724
Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.0	124.6
192	18.0	14.3	21.5

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 50.517 ug/l

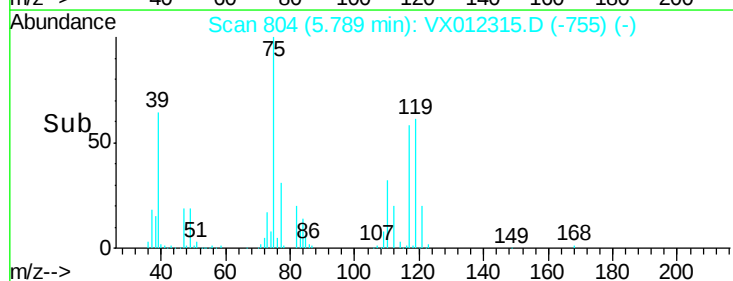
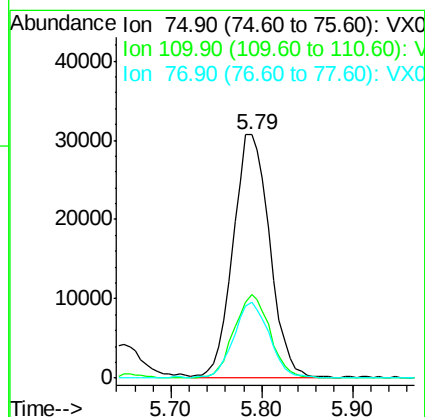
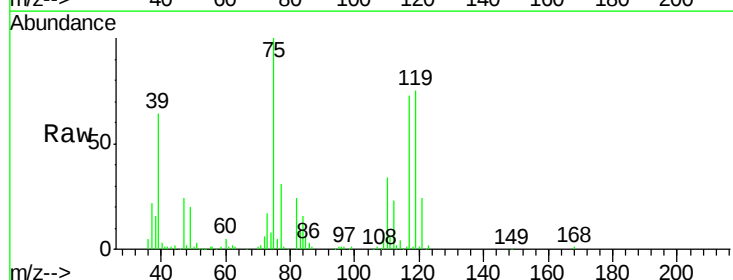
RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Tgt Ion:	75	Resp:	85171
Ion	Ratio	Lower	Upper
75	100		
110	34.1	16.8	50.4
77	30.8	24.5	36.7





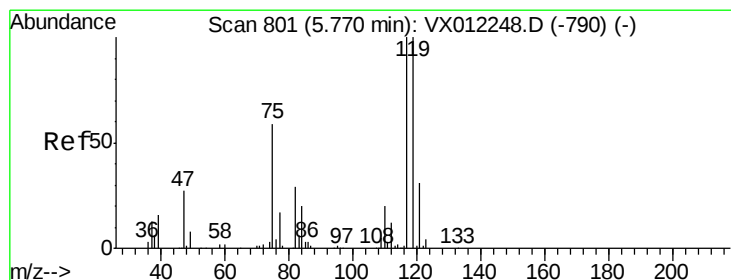
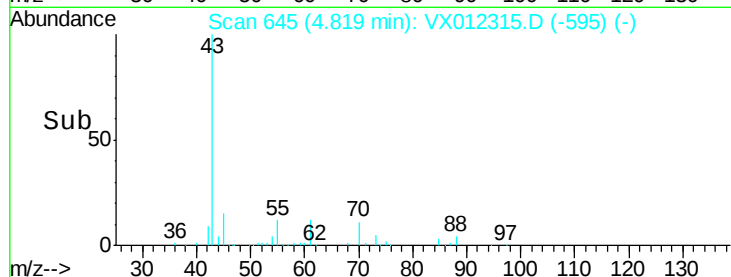
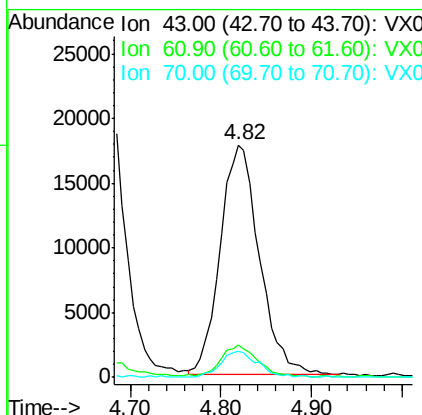
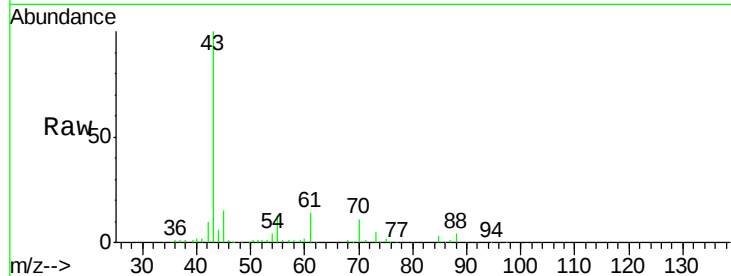
#37
Ethyl Acetate
Concen: 51.222 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.01 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.3	15.5
70	11.2	9.1	13.7

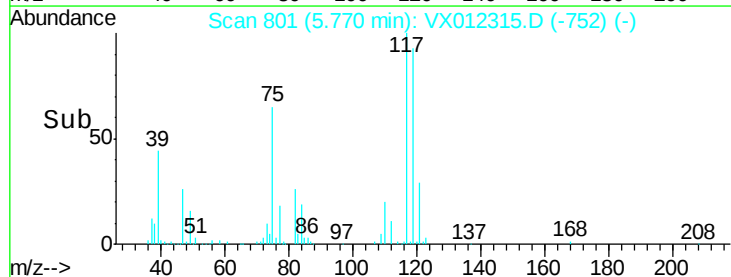
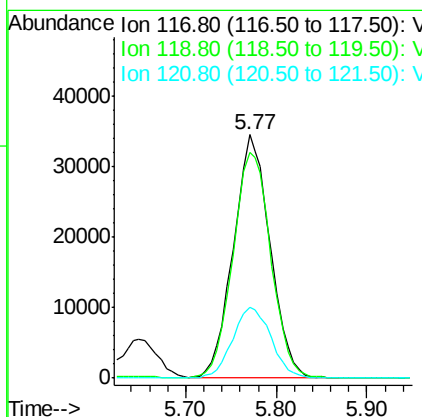
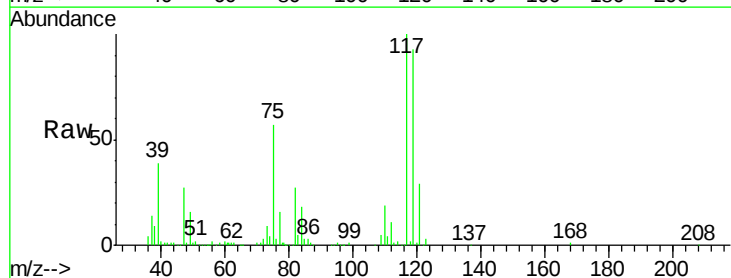
Manual Integrations
APPROVED

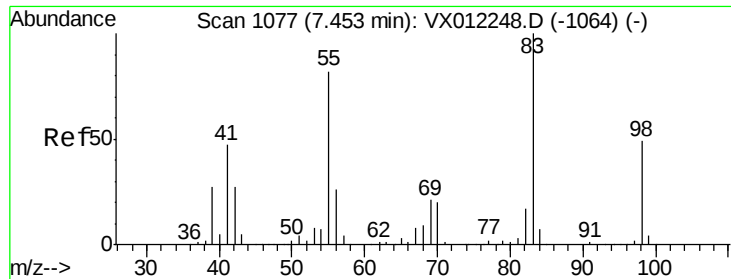
MMDadoda
9/12/2019 9:26:41 AM



#38
Carbon Tetrachloride
Concen: 49.107 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.7	79.6	119.4
121	29.1	24.7	37.1





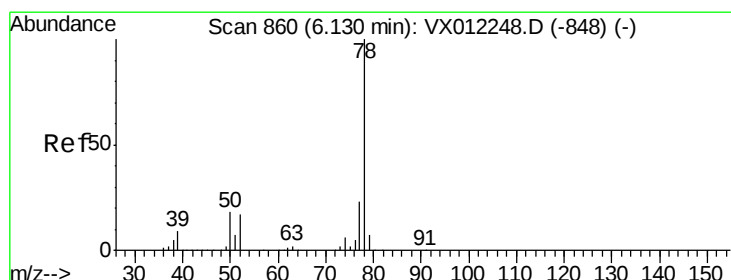
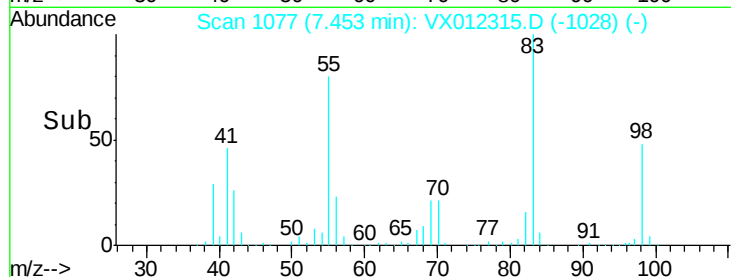
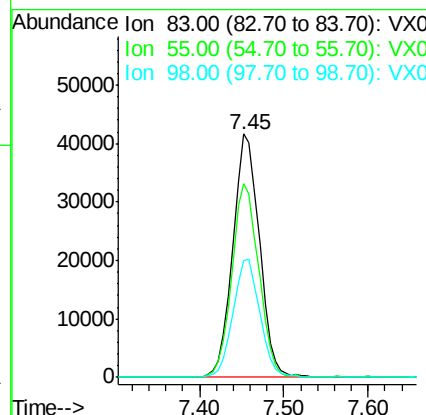
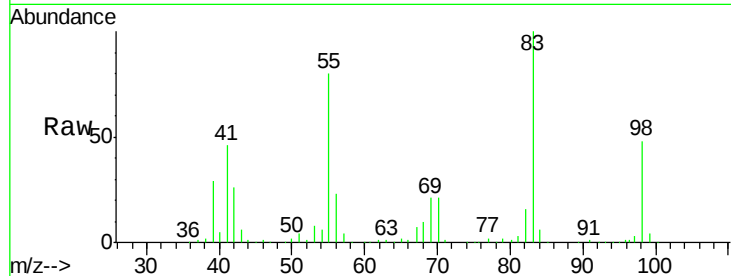
#39
Methvlcvclohexane
Concen: 48.351 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.6	65.4	98.2
98	48.1	39.6	59.4

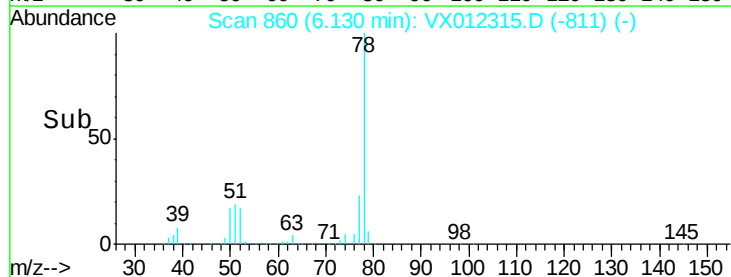
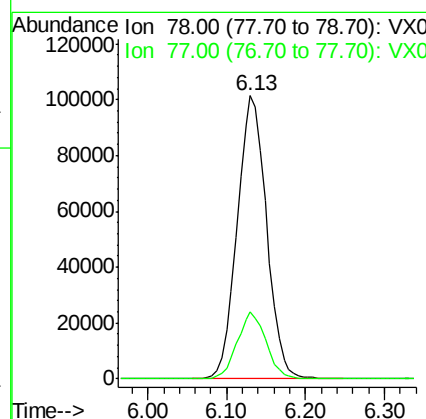
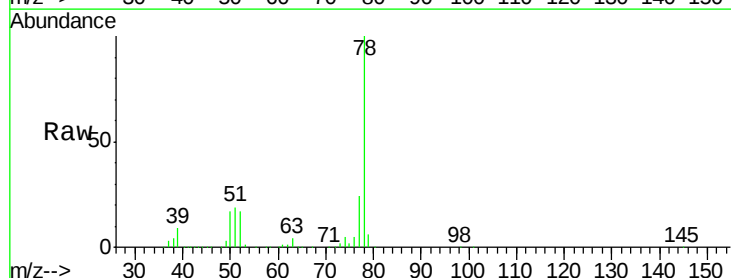
Manual Integrations
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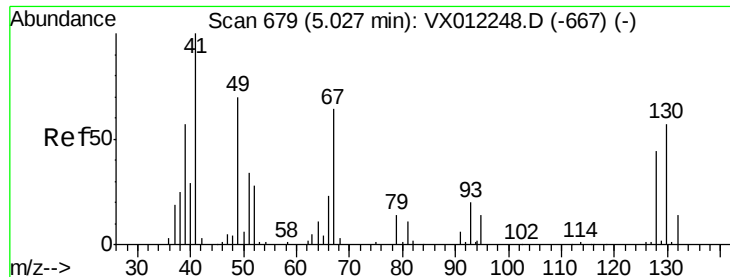
MMDadoda
9/12/2019 9:26:41 AM



#40
Benzene
Concen: 51.448 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.0	27.0





#41

Methacrylonitrile

Concen: 50.731 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 32595

Ion Ratio Lower Upper

41 100

39 57.6 49.0 73.4

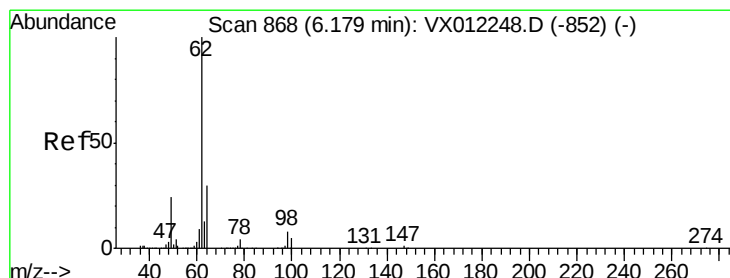
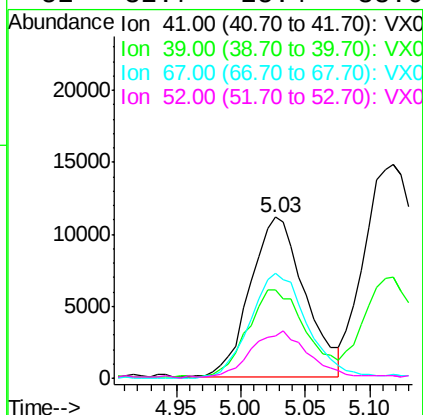
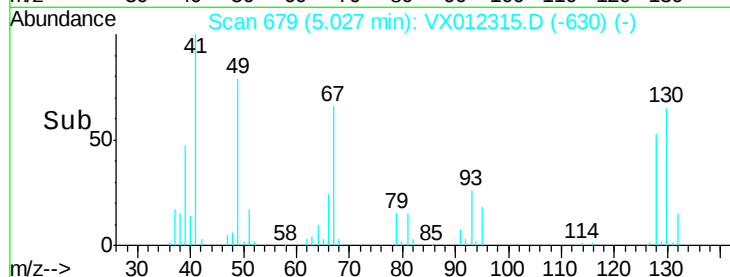
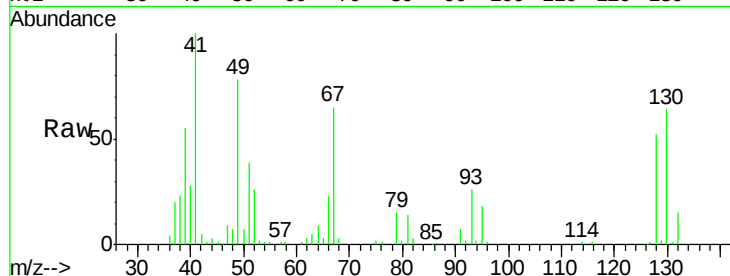
67 69.4 55.0 82.4

52 32.7 25.4 38.0

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 50.054 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX012315.D

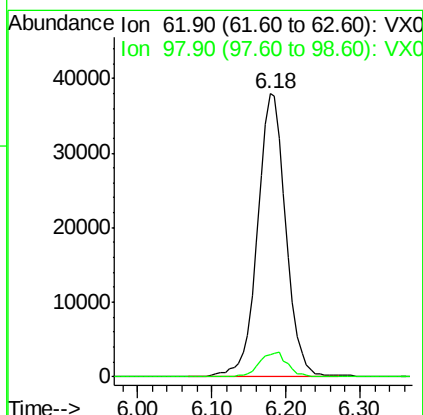
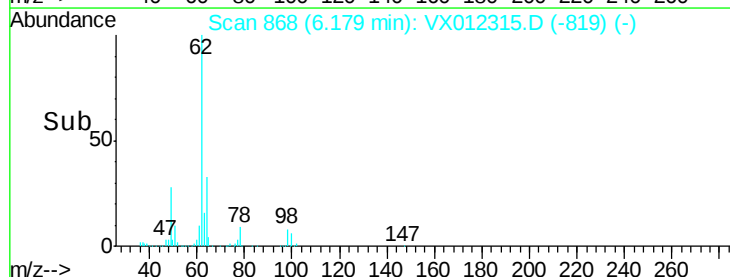
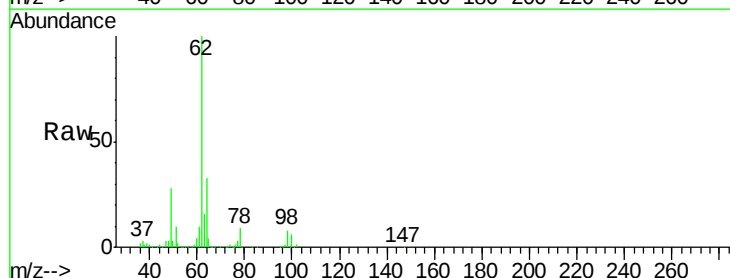
Acq: 11 Sep 2019 21:38

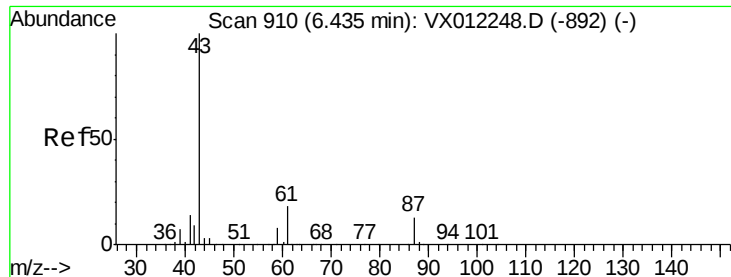
Tgt Ion: 62 Resp: 100947

Ion Ratio Lower Upper

62 100

98 8.6 0.0 17.2





#43

Isopropyl Acetate

Concen: 49.341 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Instrument :

MSVOA_X

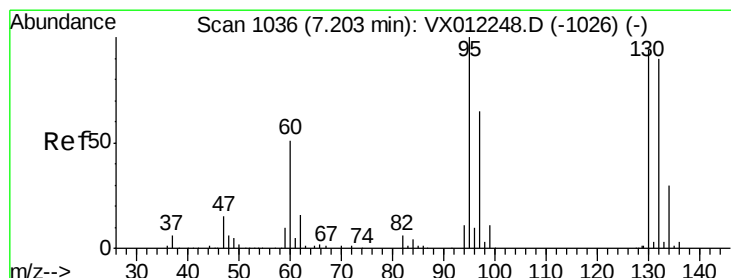
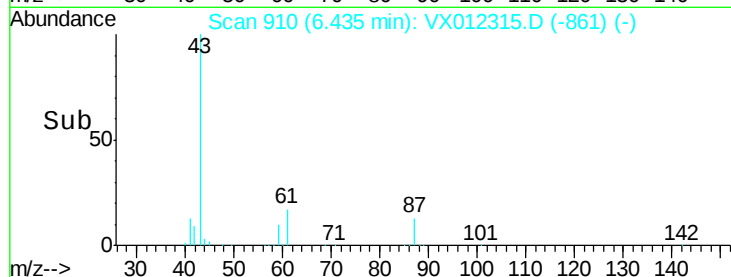
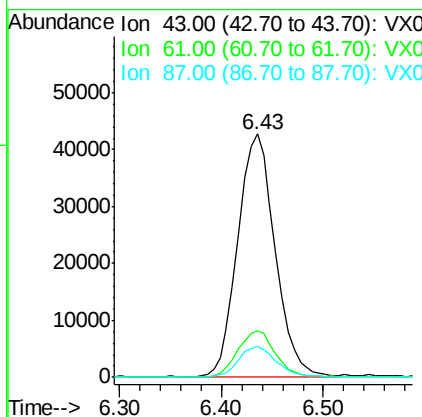
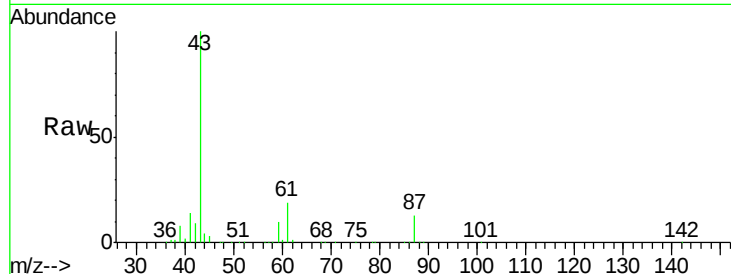
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	108416
Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.4	23.2
87	12.9	10.5	15.7

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#44

Trichloroethene

Concen: 51.721 ug/l

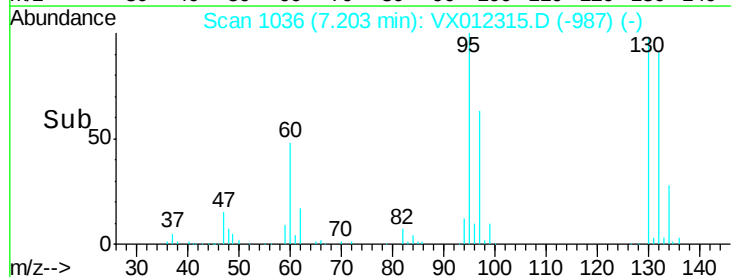
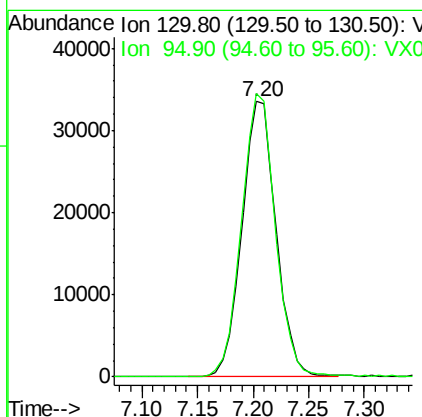
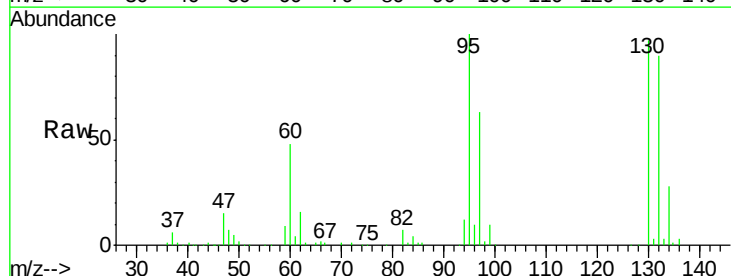
RT: 7.20 min Scan# 1036

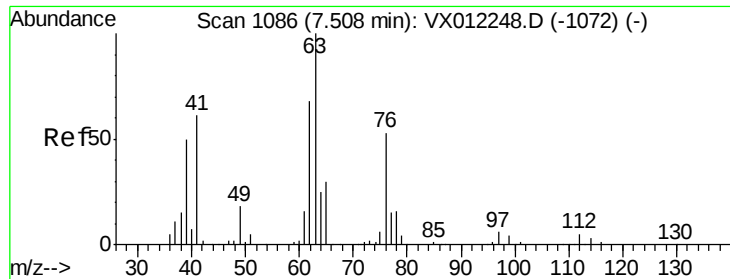
Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Tgt Ion:	130	Resp:	71423
Ion	Ratio	Lower	Upper
130	100		
95	102.7	0.0	212.0





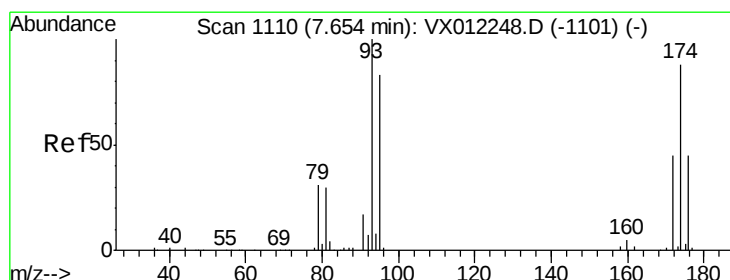
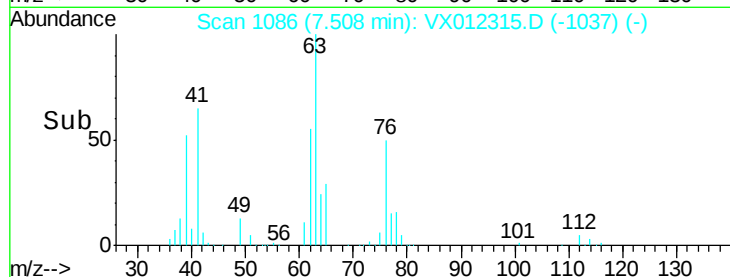
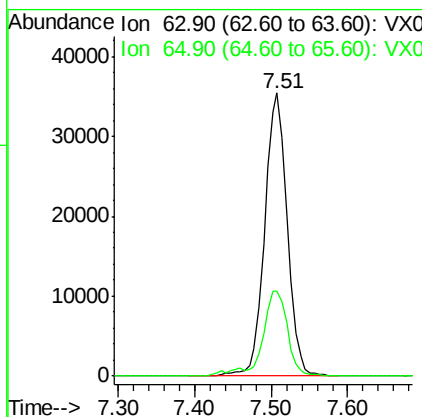
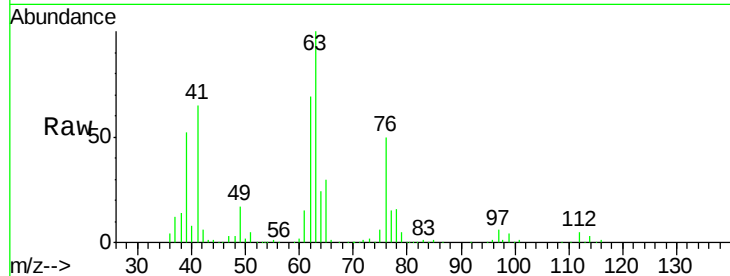
#45
 1,2-Dichloropropane
 Concen: 51.682 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 72997
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.3 36.5

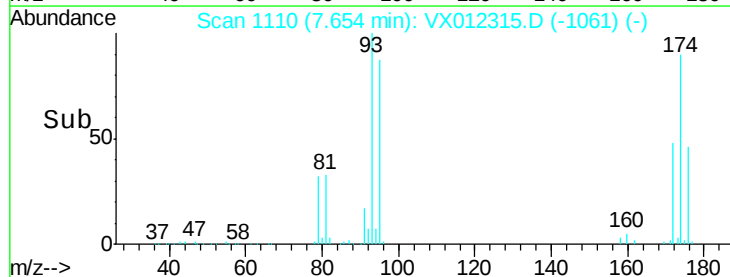
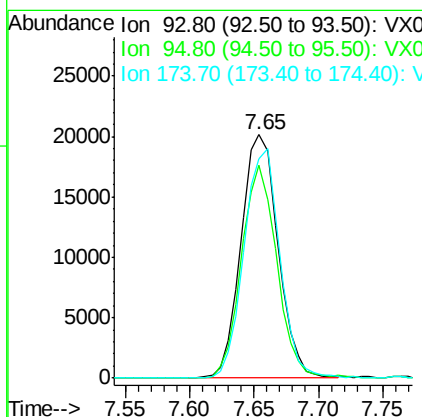
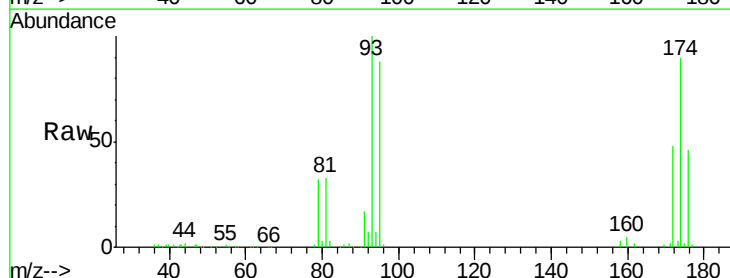
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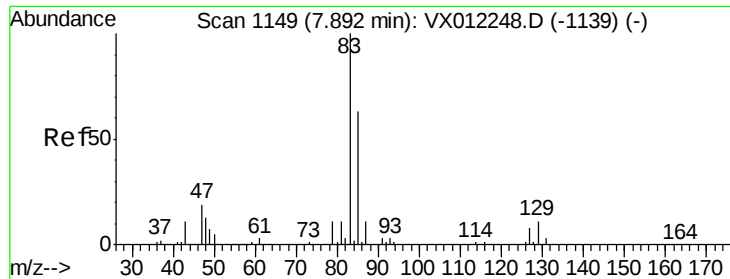
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 9/12/2019 9:26:41 AM



#46
 Dibromomethane
 Concen: 51.960 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

Tgt Ion: 93 Resp: 40110
 Ion Ratio Lower Upper
 93 100
 95 83.0 65.7 98.5
 174 91.4 71.0 106.4





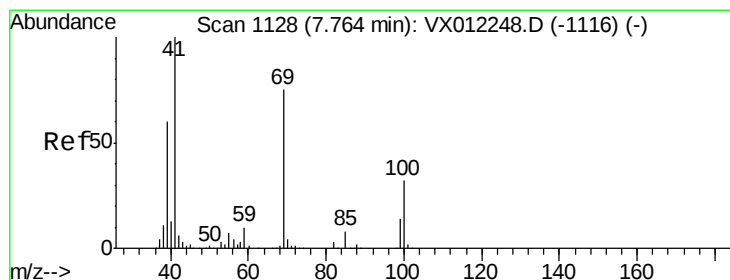
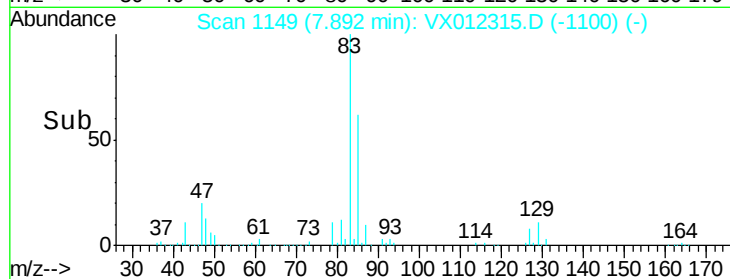
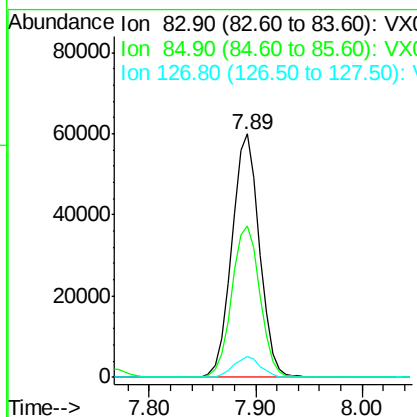
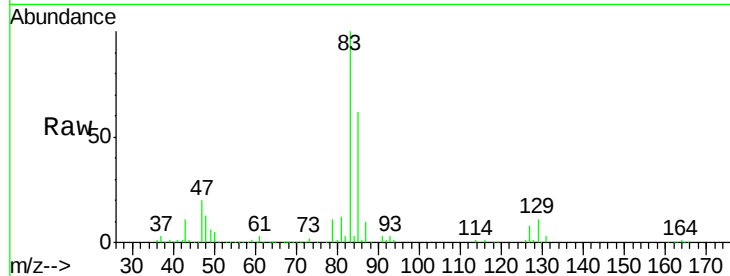
#47
 Bromodichloromethane
 Concen: 51.758 ug/l
 RT: 7.89 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	83	Resp	109035
Ion Ratio	100	Lower	Upper
83	100		
85	62.0	50.2	75.4
127	8.4	6.3	9.5

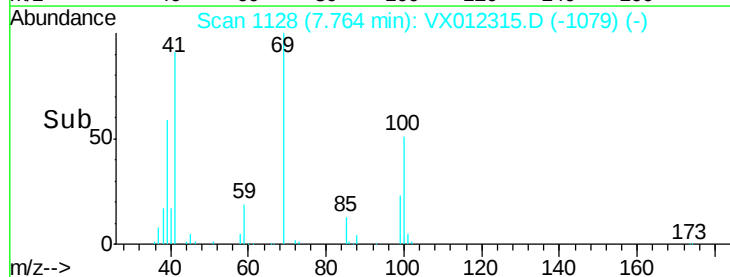
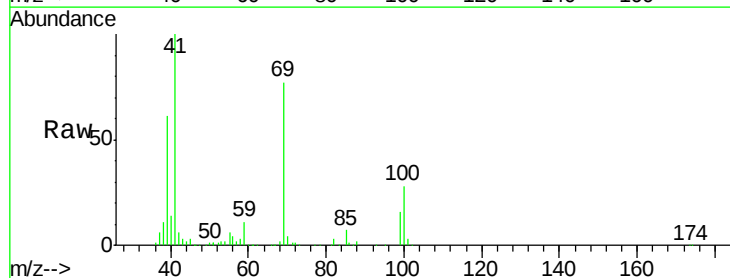
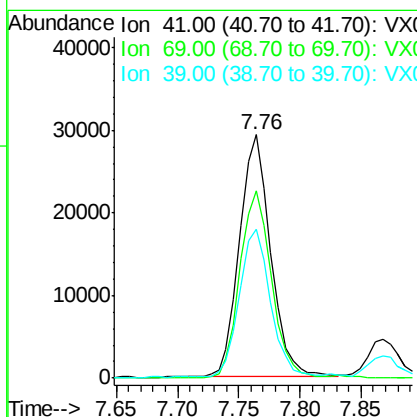
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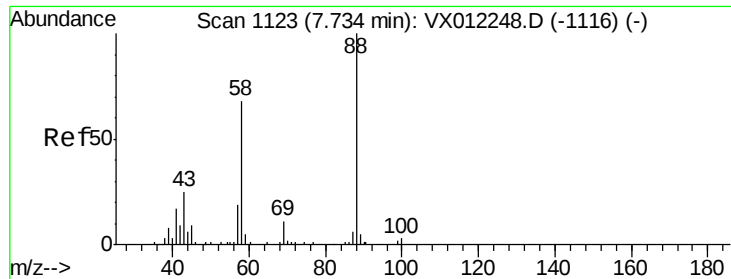
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 9/12/2019 9:26:41 AM



#48
 Methyl methacrylate
 Concen: 49.490 ug/l
 RT: 7.76 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

Tgt Ion	41	Resp	52051
Ion Ratio	100	Lower	Upper
41	100		
69	79.2	61.8	92.6
39	61.1	48.6	73.0





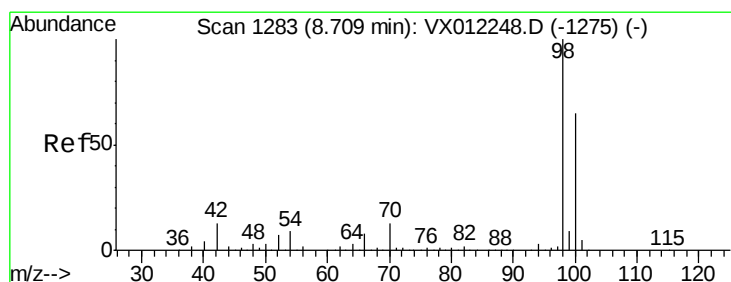
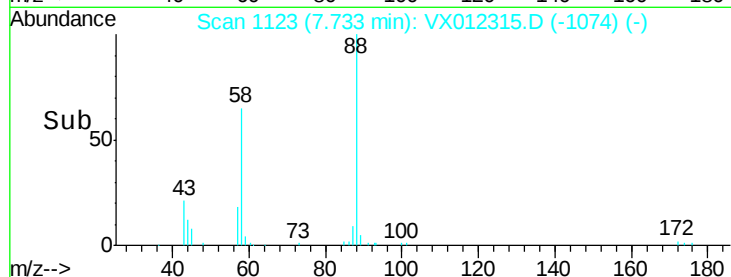
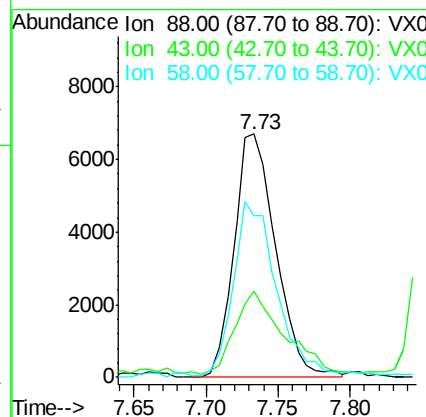
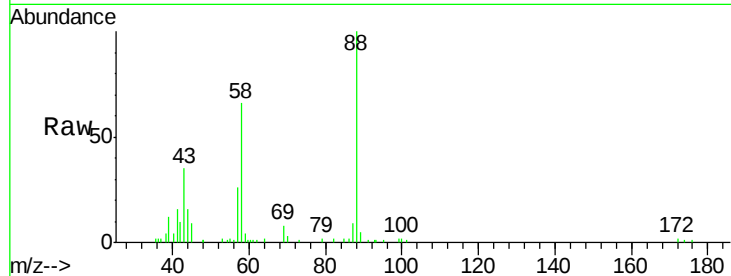
#49
1,4-Dioxane
Concen: 949.752 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.2	31.0	46.4
58	72.5	61.5	92.3

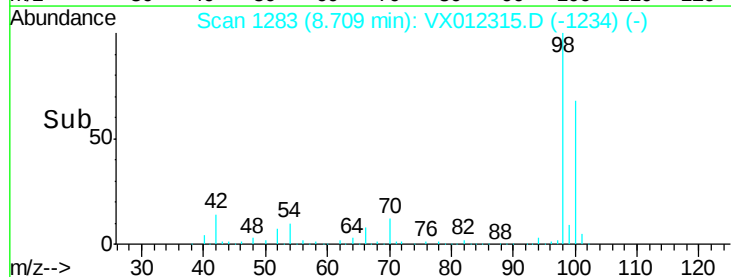
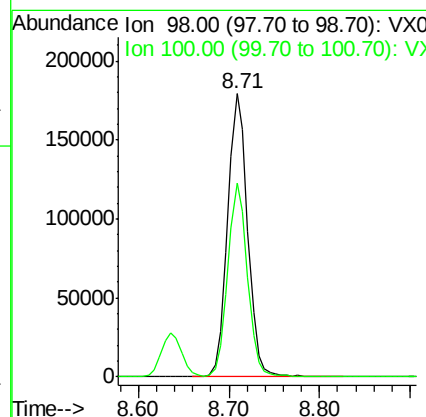
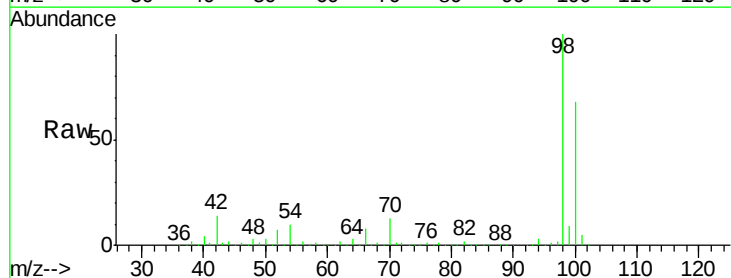
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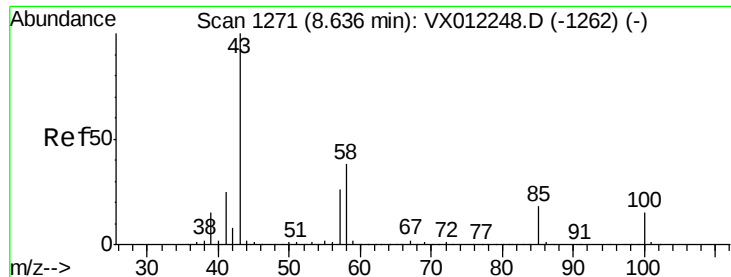
MMDadoda
9/12/2019 9:26:41 AM



#50
Toluene-d8
Concen: 53.063 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.5	54.1	81.1





#51

4-Methyl-2-Pentanone

Concen: 249.051 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 288819

Ion Ratio Lower Upper

43 100

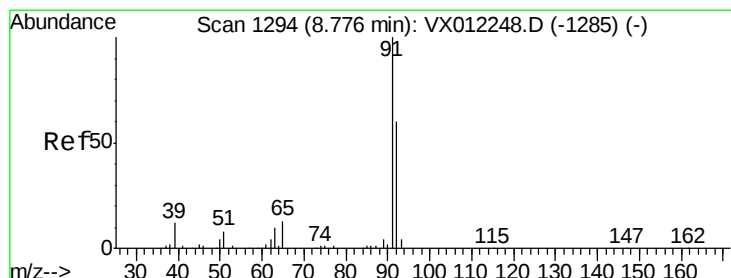
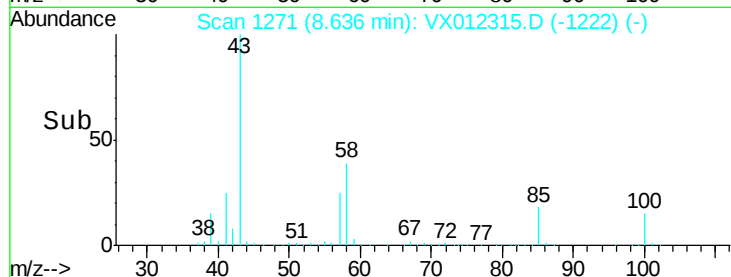
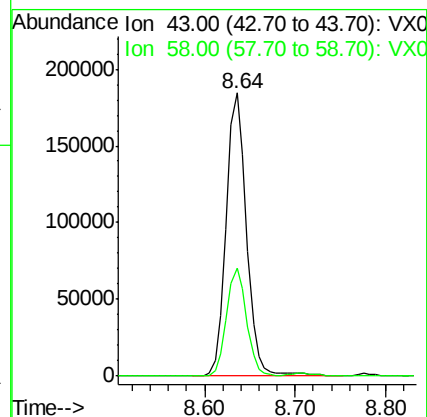
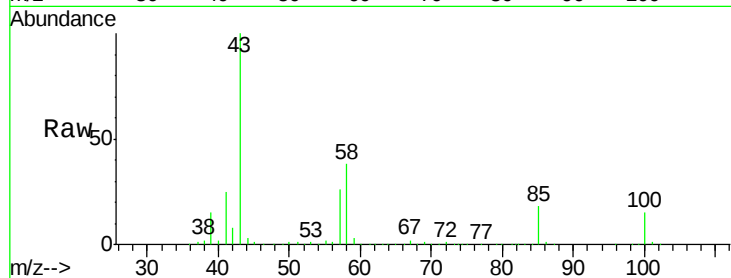
58 37.5 30.1 45.1

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#52

Toluene

Concen: 52.198 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX012315.D

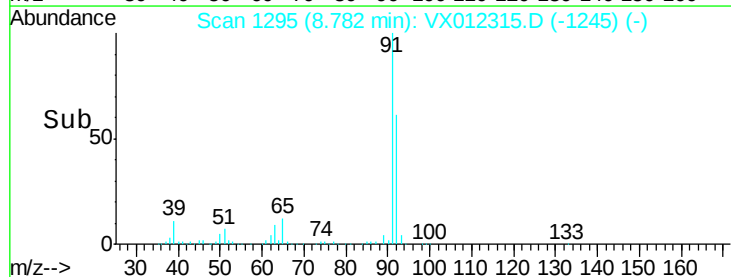
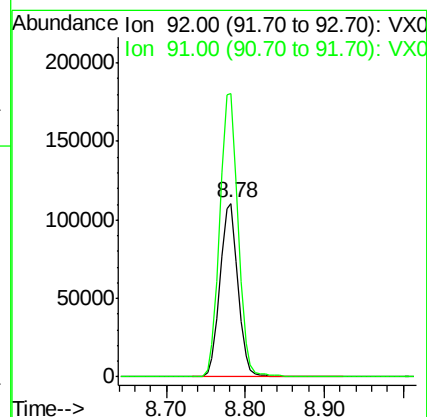
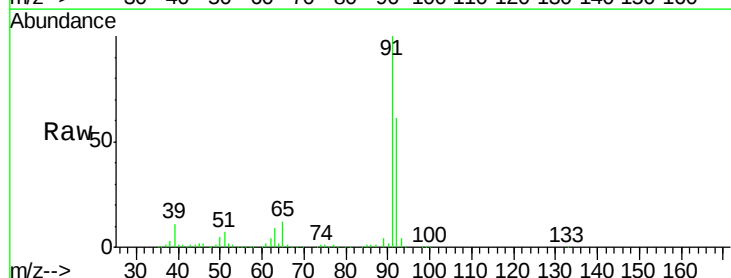
Acq: 11 Sep 2019 21:38

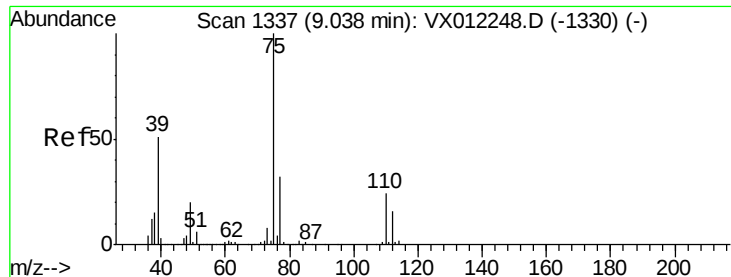
Tgt Ion: 92 Resp: 175929

Ion Ratio Lower Upper

92 100

91 166.9 133.6 200.4





#53

t-1,3-Dichloropropene

Concen: 48.505 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 101987

Ion Ratio Lower Upper

75 100

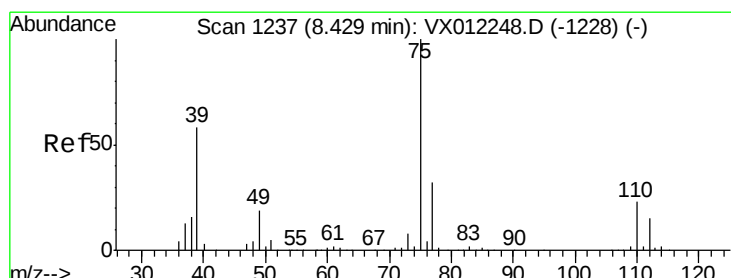
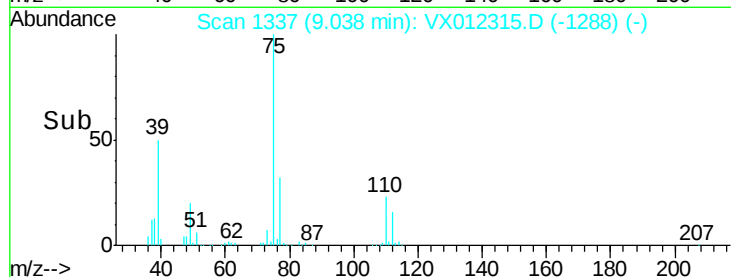
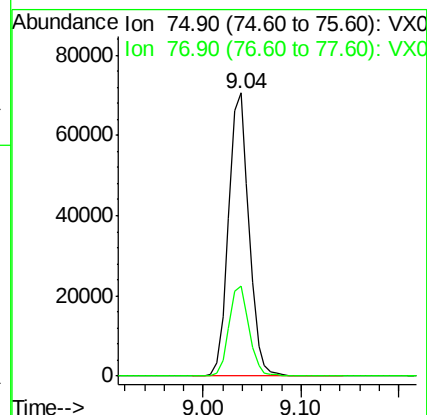
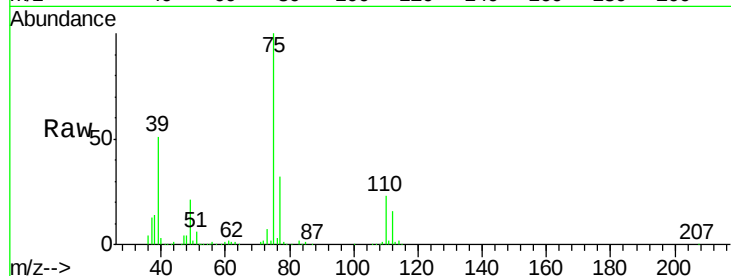
77 31.7 25.8 38.6

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#54

cis-1,3-Dichloropropene

Concen: 49.057 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

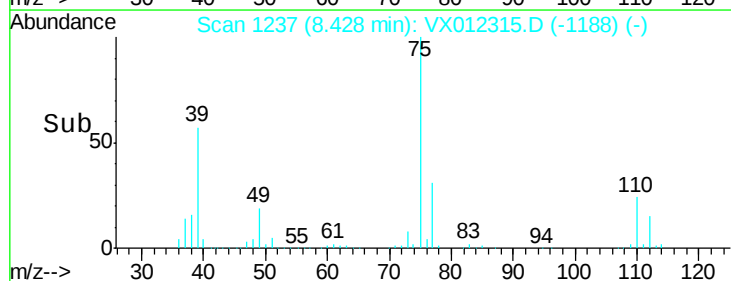
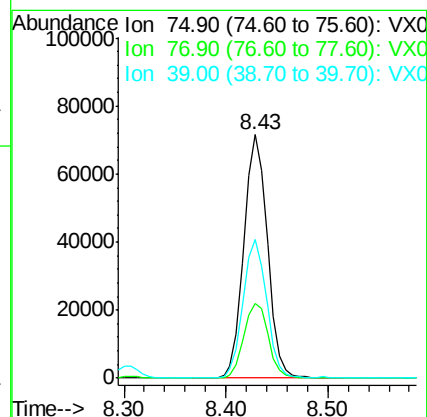
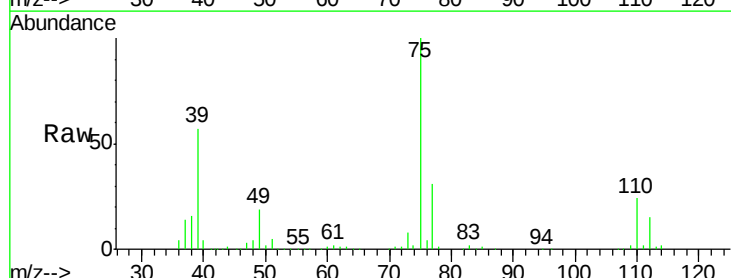
Tgt Ion: 75 Resp: 114379

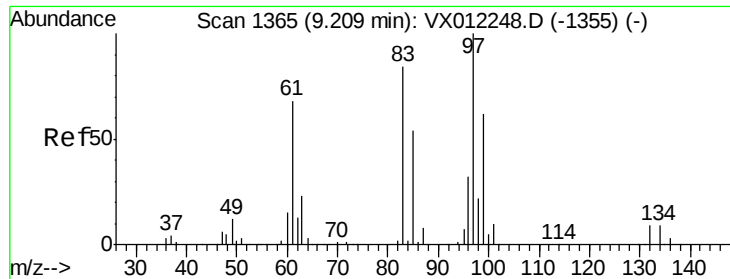
Ion Ratio Lower Upper

75 100

77 30.6 25.4 38.2

39 56.8 46.5 69.7





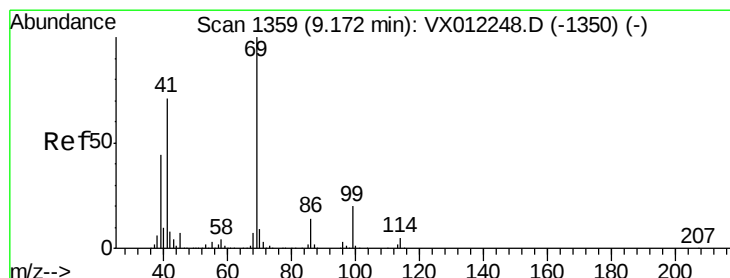
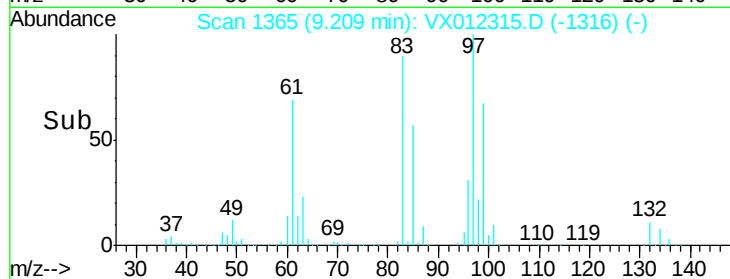
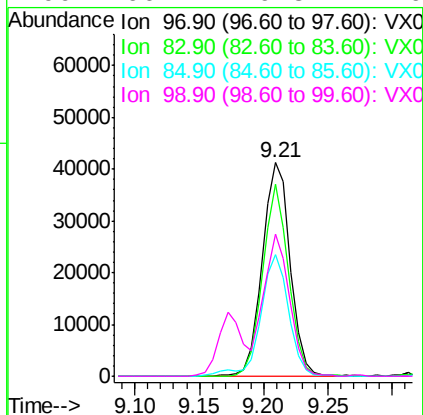
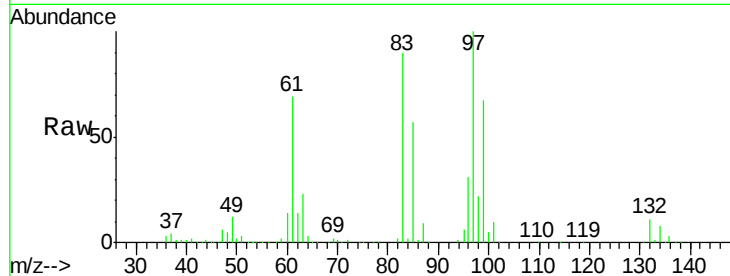
#55
 1,1,2-Trichloroethane
 Concen: 51.498 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	61588
Ion	Ratio	Lower	Upper
97	100		
83	89.8	67.4	101.2
85	57.0	43.4	65.2
99	66.4	49.8	74.6

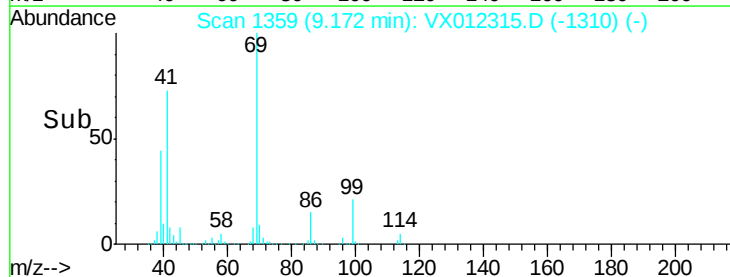
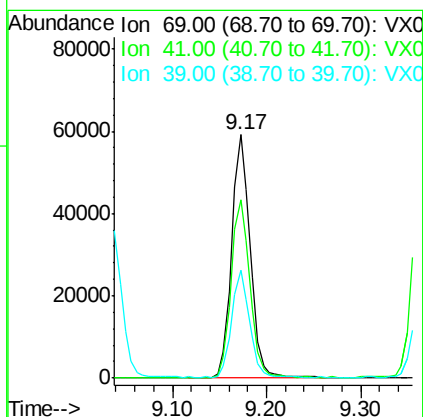
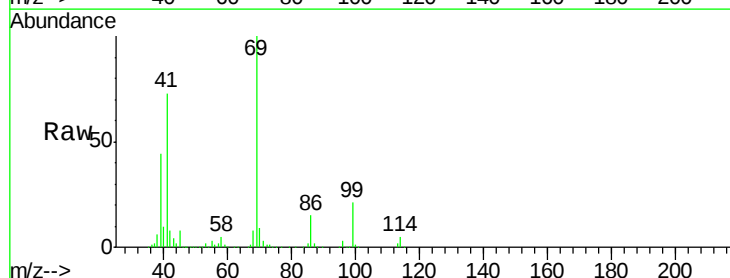
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#56
 Ethyl methacrylate
 Concen: 50.137 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

Tgt Ion:	69	Resp:	81185
Ion	Ratio	Lower	Upper
69	100		
41	73.6	57.7	86.5
39	42.4	34.0	51.0





#57

1,3-Dichloropropane

Concen: 52.249 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 106723

Ion Ratio Lower Upper

76 100

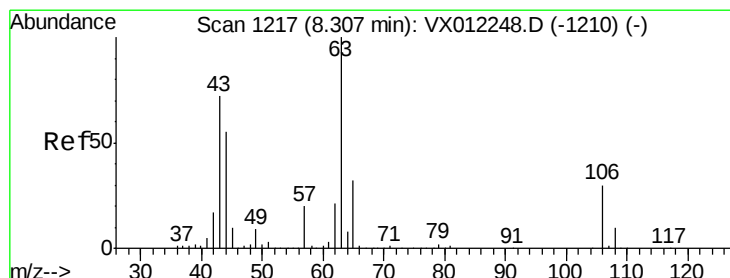
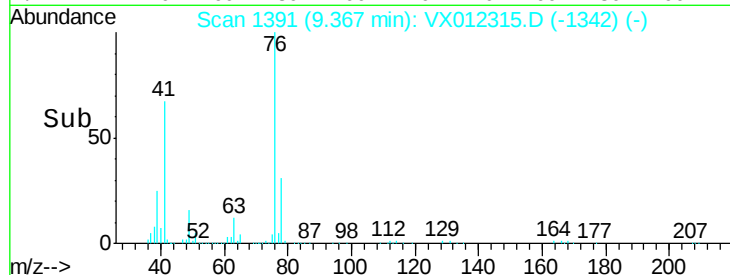
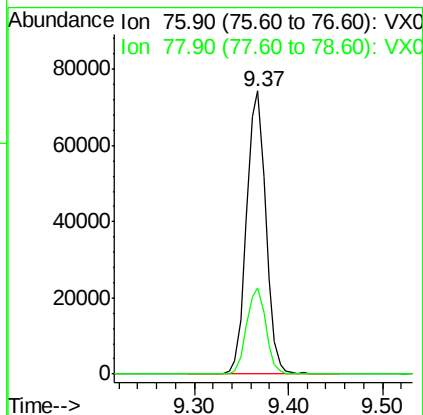
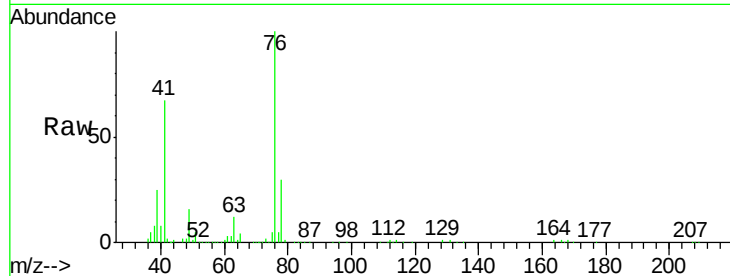
78 30.5 26.0 39.0

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 258.622 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX012315.D

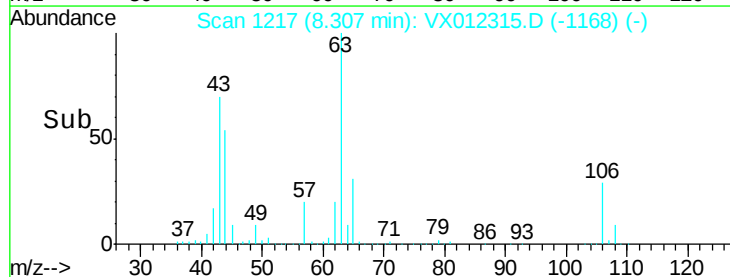
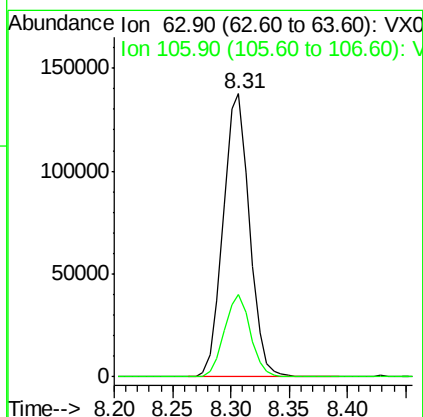
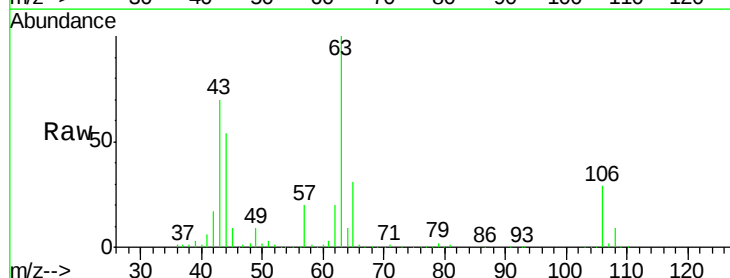
Acq: 11 Sep 2019 21:38

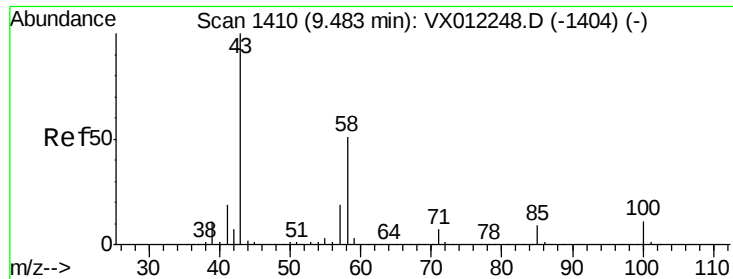
Tgt Ion: 63 Resp: 214636

Ion Ratio Lower Upper

63 100

106 29.1 23.4 35.2





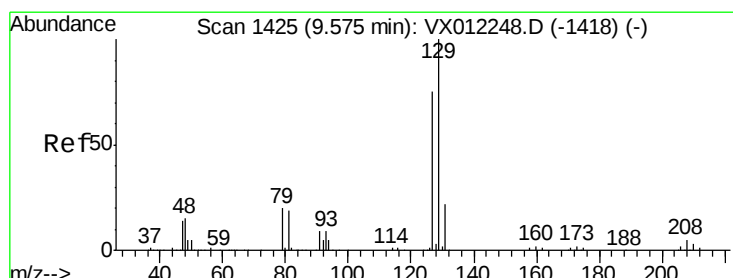
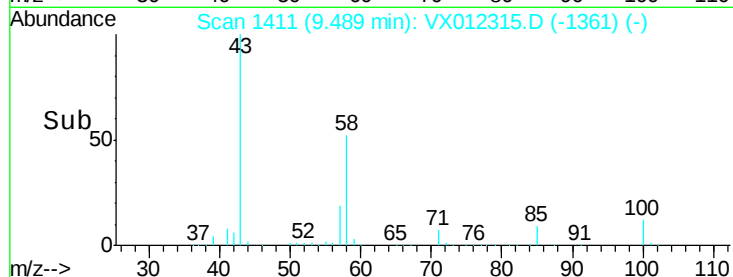
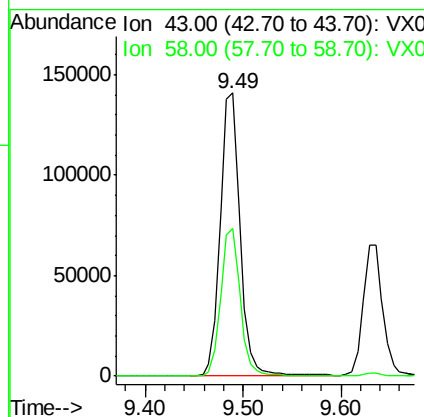
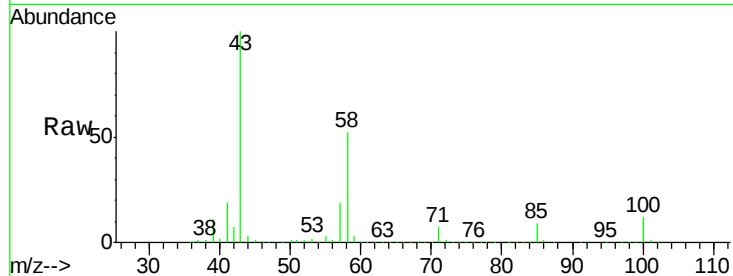
#59
2-Hexanone
Concen: 247.236 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 199354
Ion Ratio Lower Upper
43 100
58 51.6 25.8 77.3

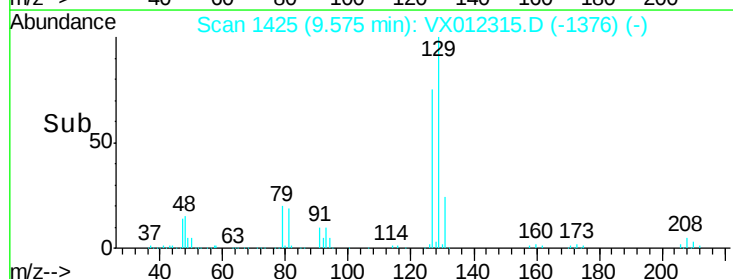
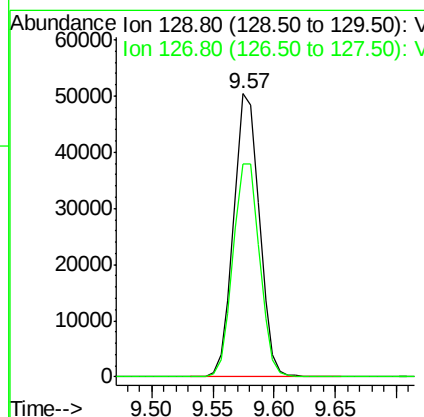
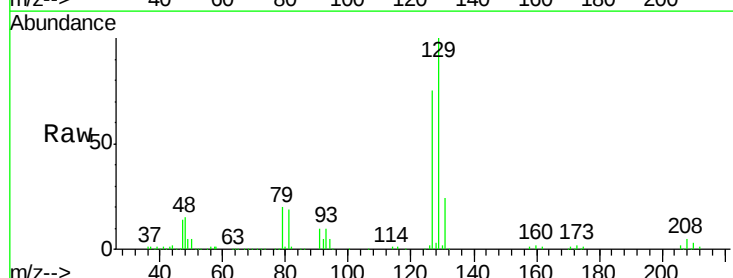
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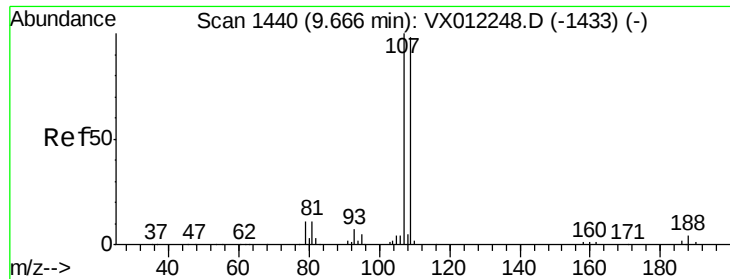
MMDadoda
9/12/2019 9:26:41 AM



#60
Dibromochloromethane
Concen: 52.388 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

Tgt Ion: 129 Resp: 73142
Ion Ratio Lower Upper
129 100
127 77.8 38.1 114.3





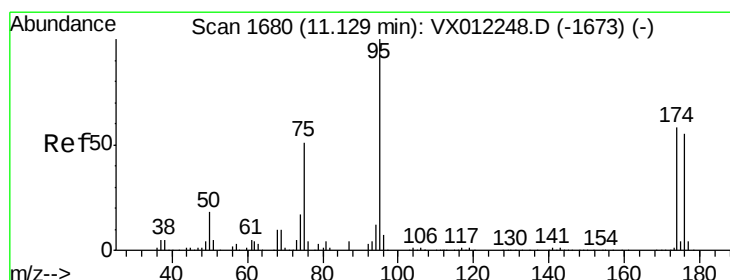
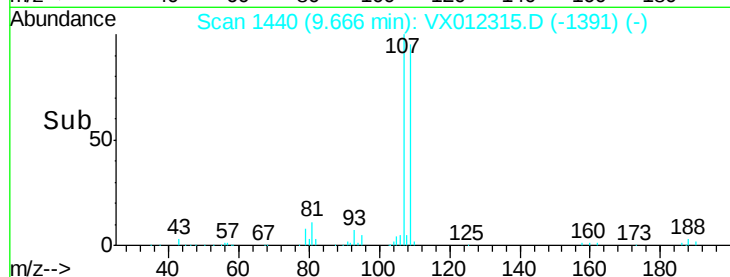
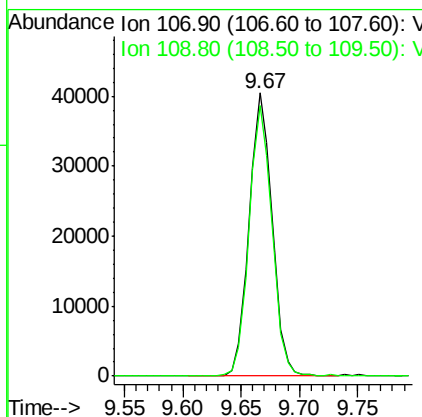
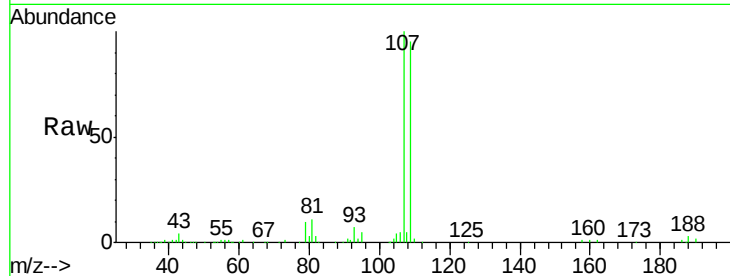
#61
 1,2-Dibromoethane
 Concen: 50.415 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.3	76.3	114.5

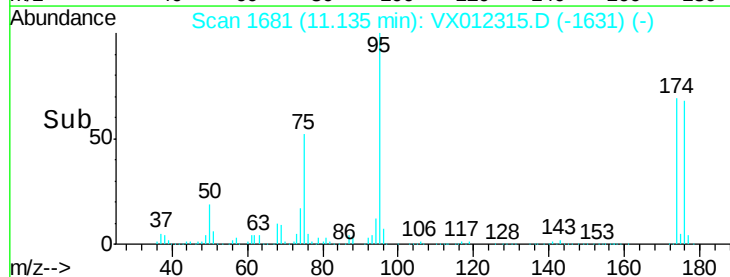
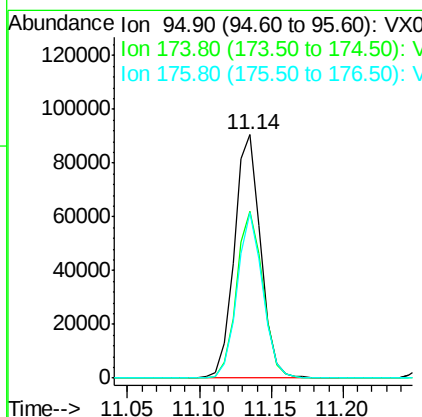
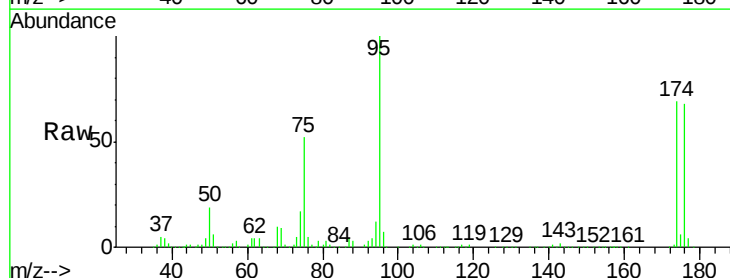
Manual Integrations
 APPROVED

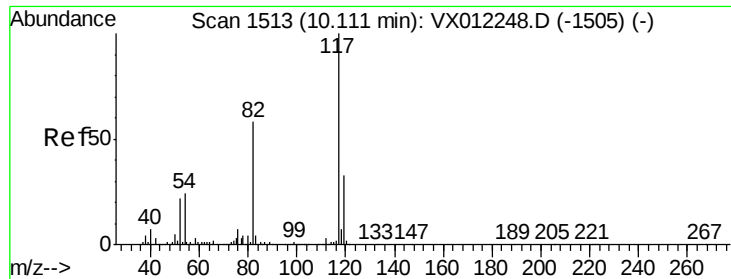
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 9/12/2019 9:26:41 AM



#62
 4-Bromofluorobenzene
 Concen: 48.059 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.01 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

Tgt Ion	Ratio	Lower	Upper
95	100		
174	68.3	0.0	127.0
176	65.7	0.0	125.8





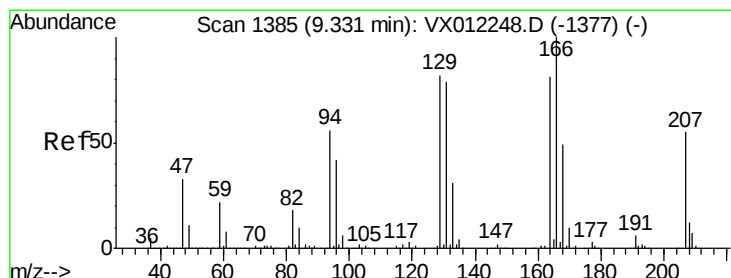
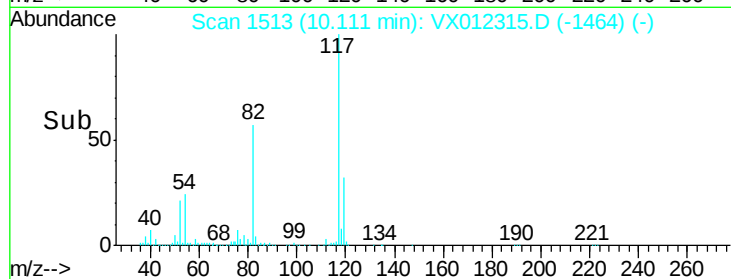
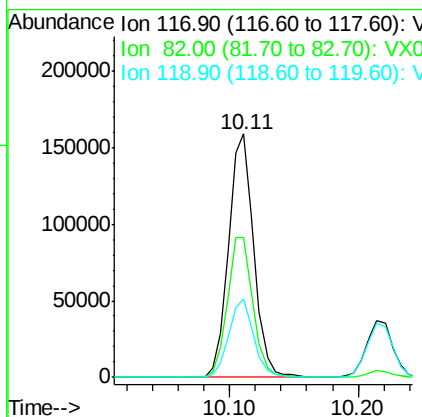
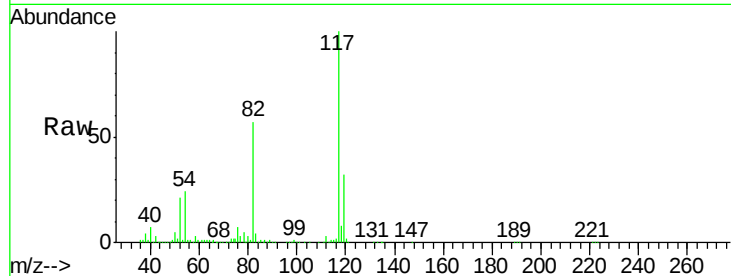
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	218173		
82	57.2	46.4	69.6	
119	32.0	26.6	39.8	

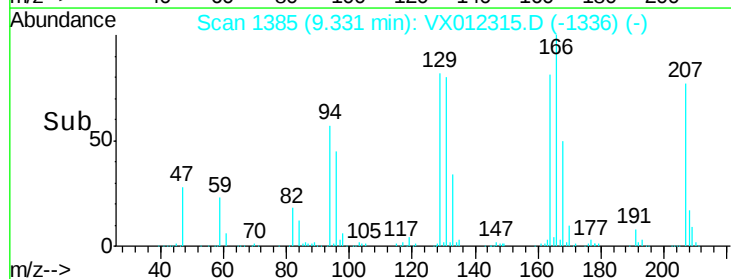
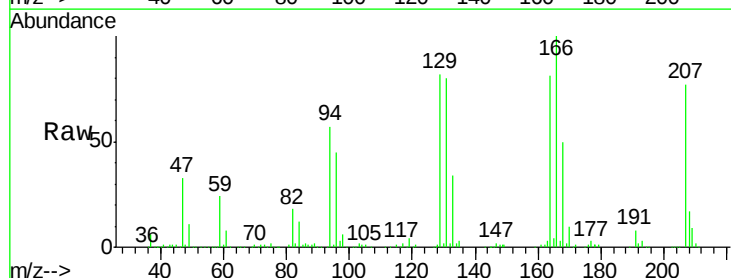
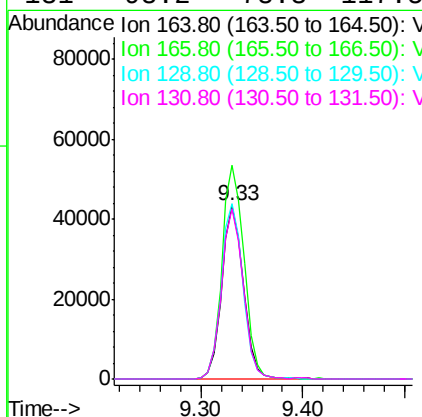
Manual Integrations
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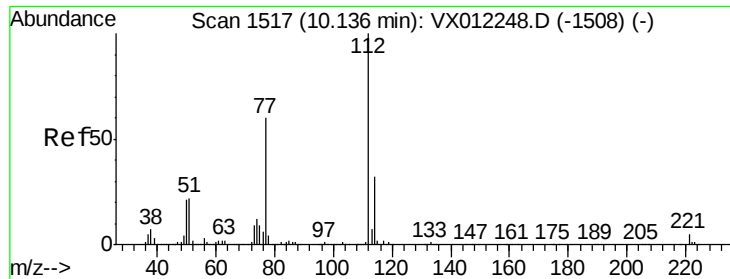
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#64
Tetrachloroethene
Concen: 55.599 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	64153		
166	123.4	99.4	149.0	
129	101.2	81.8	122.8	
131	98.2	78.3	117.5	





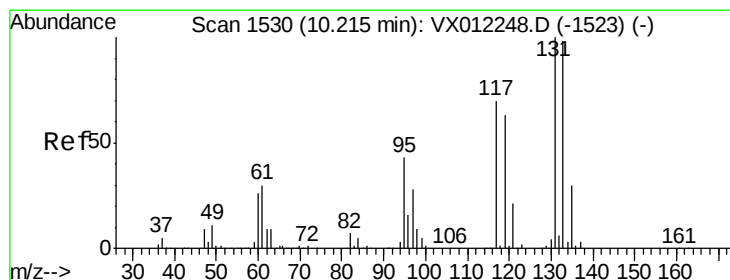
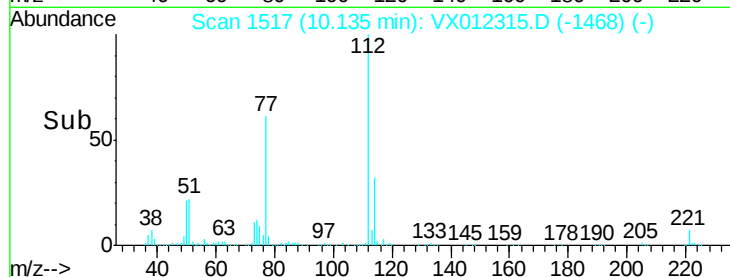
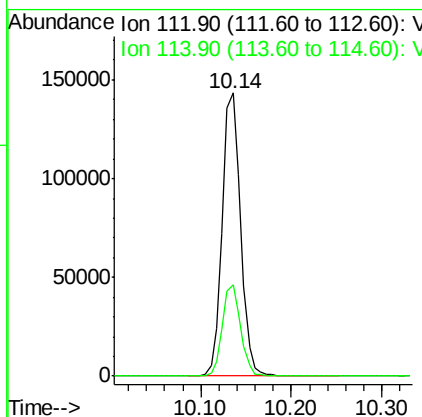
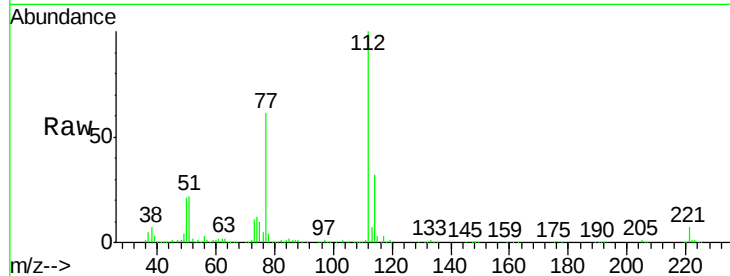
#65
Chlorobenzene
Concen: 50.816 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 202575
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.0

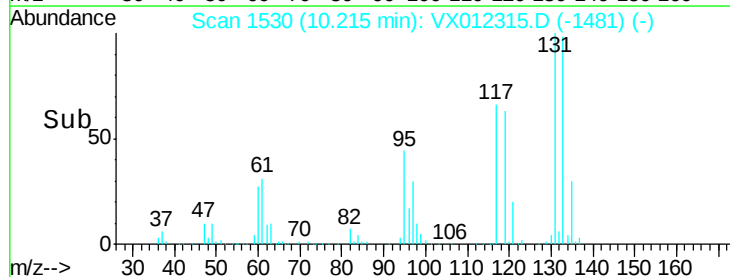
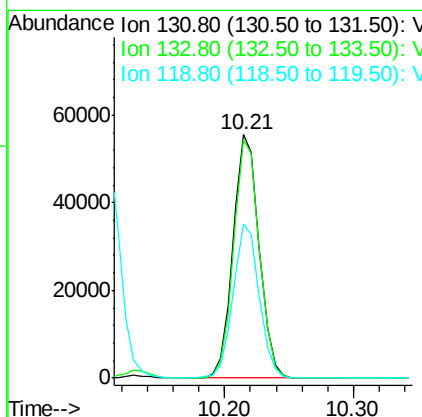
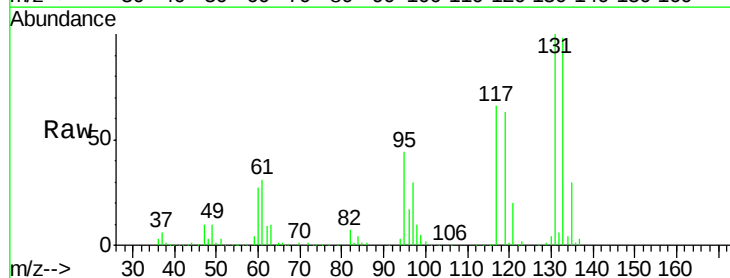
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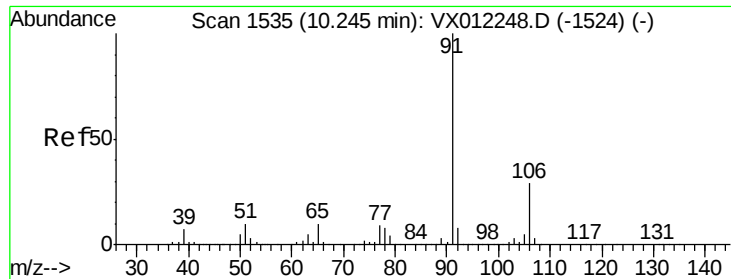
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.010 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

Tgt Ion:131 Resp: 78158
Ion Ratio Lower Upper
131 100
133 96.7 48.0 144.2
119 63.2 31.6 95.0





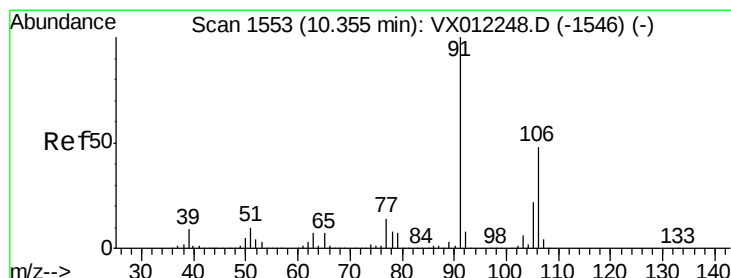
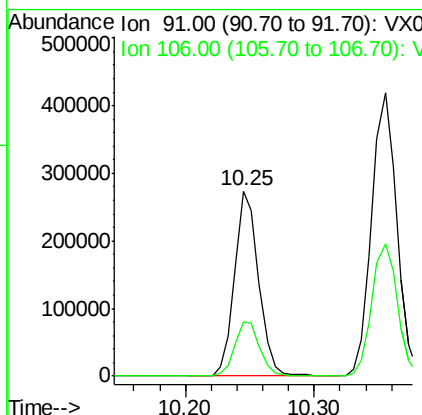
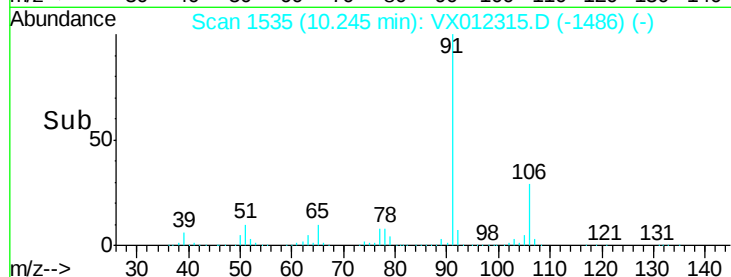
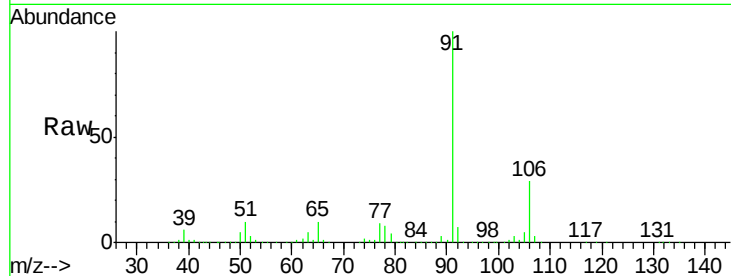
#67
Ethyl Benzene
Concen: 50.583 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 358641
Ion Ratio Lower Upper
91 100
106 29.4 23.1 34.7

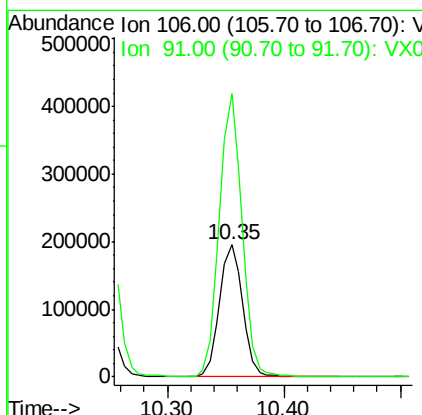
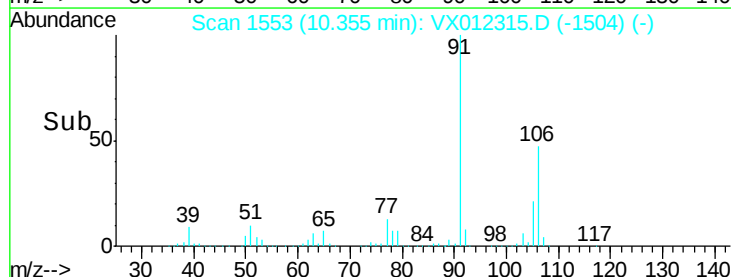
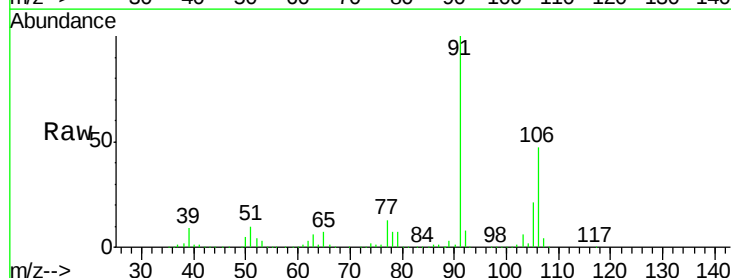
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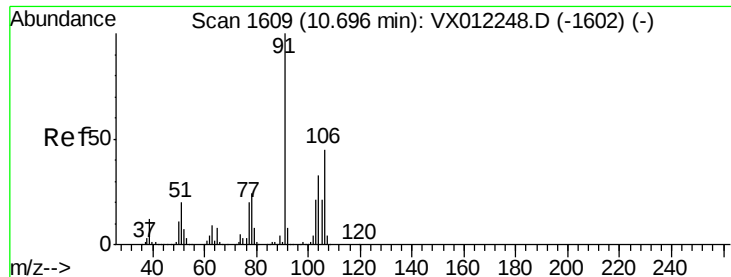
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#68
m/p-Xylenes
Concen: 102.957 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

Tgt Ion: 106 Resp: 268715
Ion Ratio Lower Upper
106 100
91 209.7 167.0 250.6





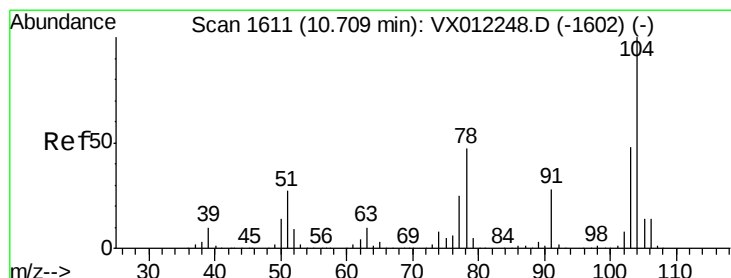
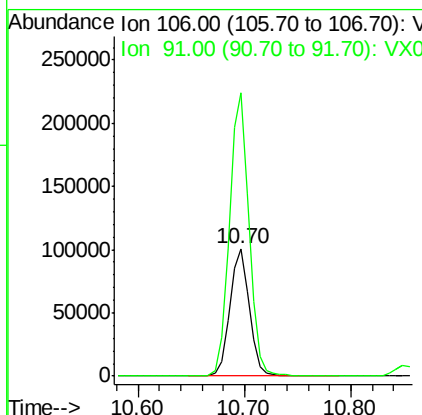
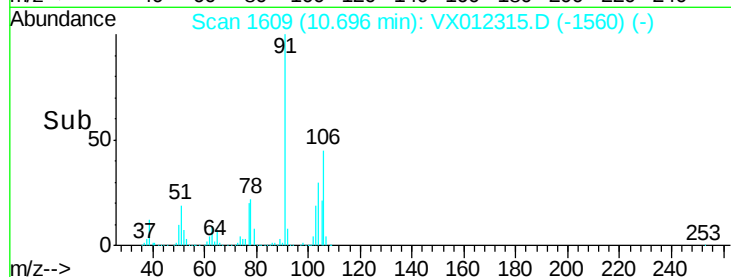
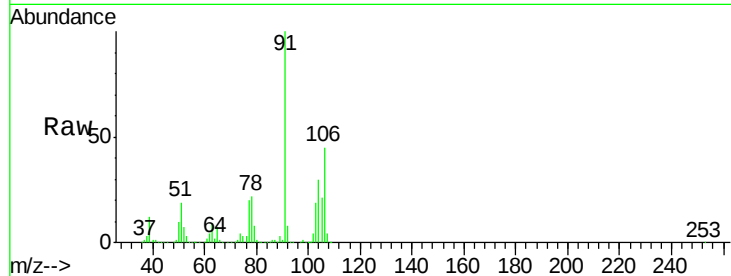
#69
o-Xylene
Concen: 50.625 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100			
91	91	223.1	110.5	331.4	

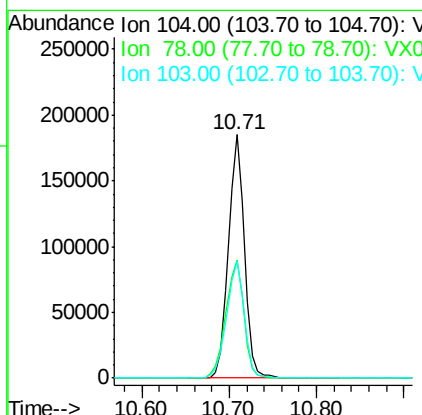
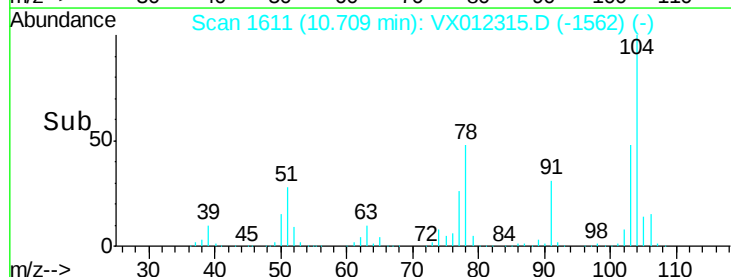
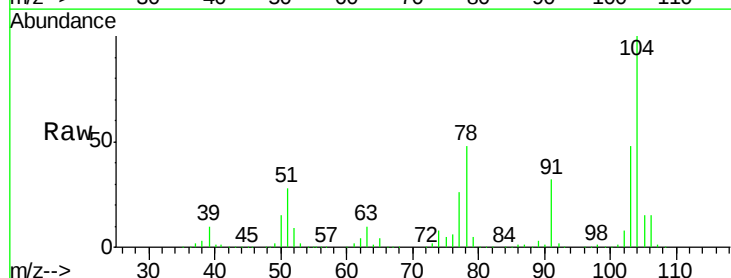
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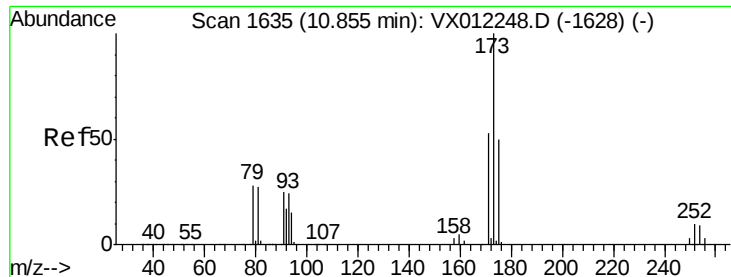
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#70
Styrene
Concen: 51.985 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100			
78	78	54.4	44.2	66.2	
103	103	53.2	42.5	63.7	





#71

Bromoform

Concen: 50.030 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 38986

Ion Ratio Lower Upper

173 100

175 49.0 24.5 73.5

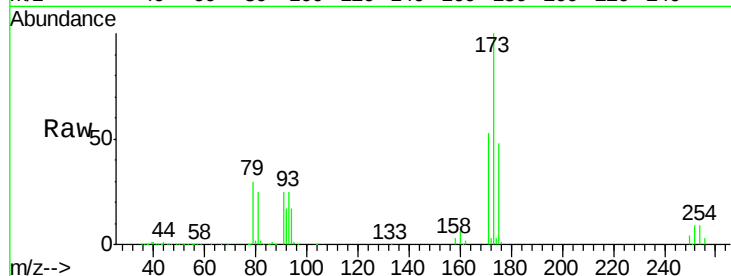
254 0.0 0.2 0.4#

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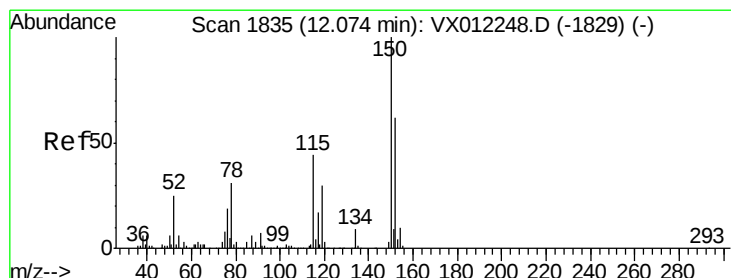
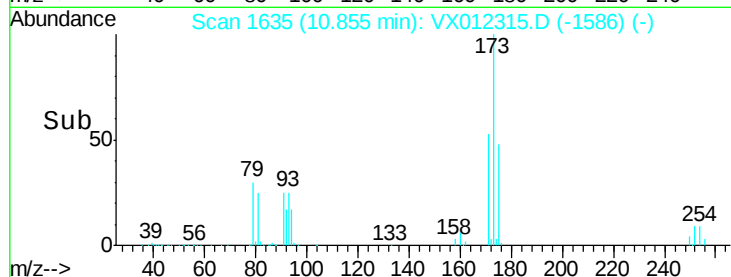
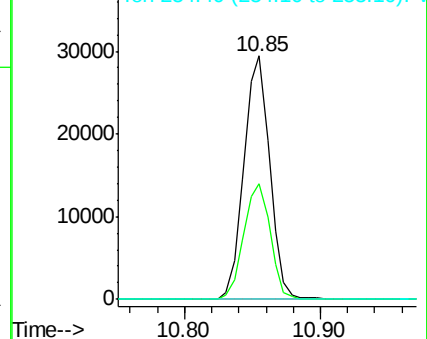
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VX012315.D

Acq: 11 Sep 2019 21:38

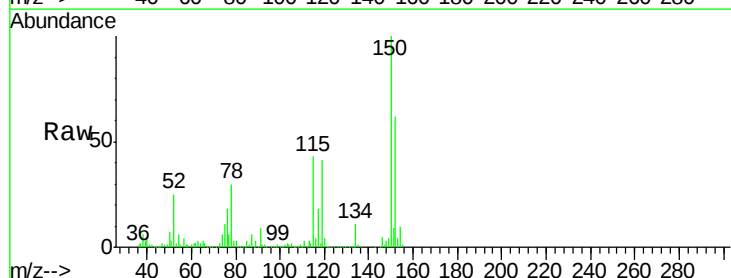
Tgt Ion:152 Resp: 108121

Ion Ratio Lower Upper

152 100

115 88.9 45.5 136.4

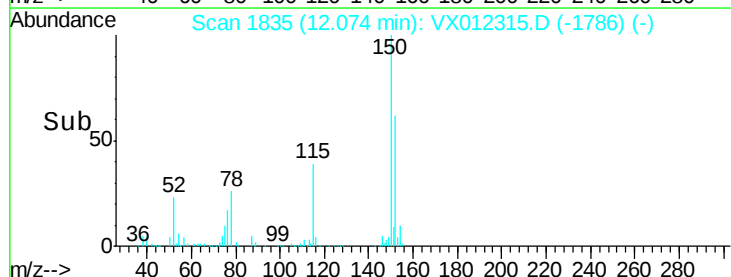
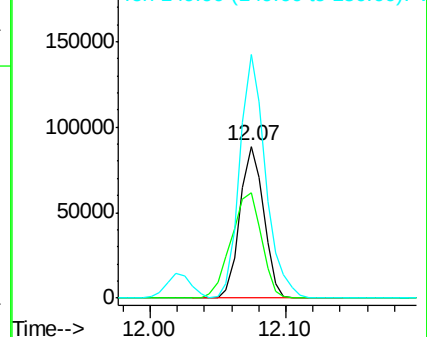
150 174.3 0.0 346.4

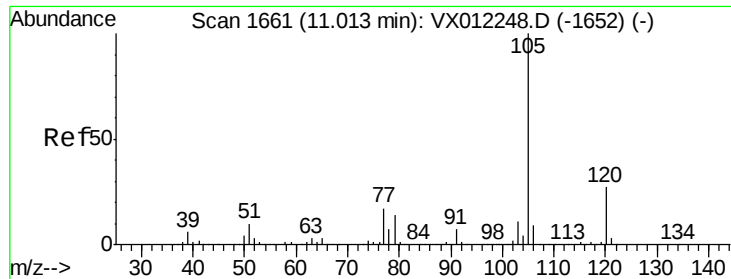


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.652 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 360536

Ion Ratio Lower Upper

105 100

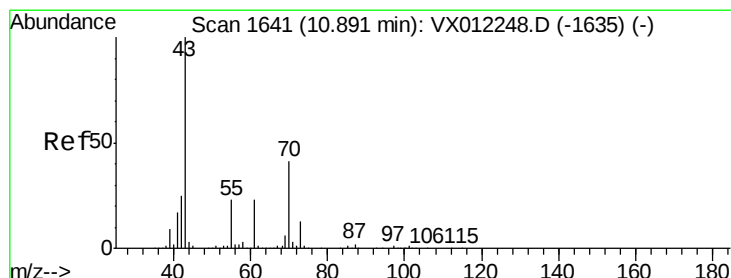
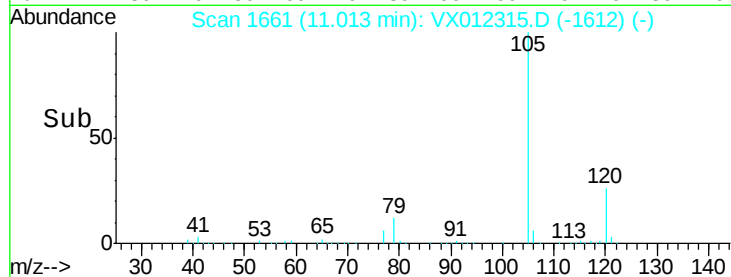
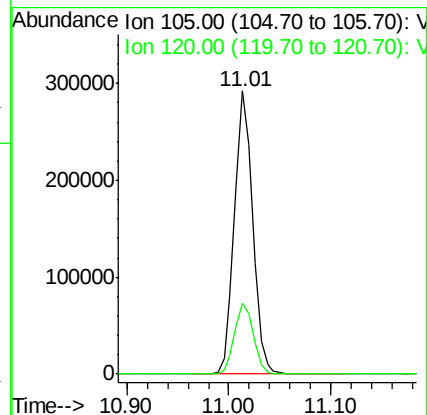
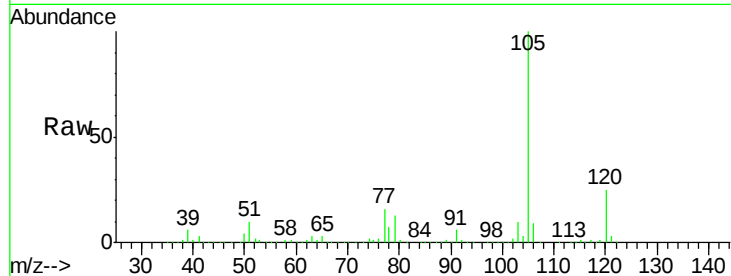
120 25.8 13.2 39.5

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#74

N-ethyl acetate

Concen: 47.743 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Tgt Ion: 43 Resp: 101042

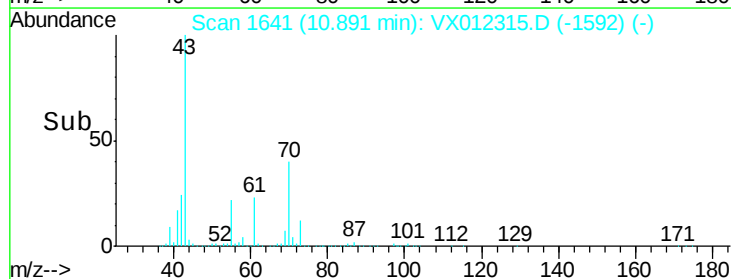
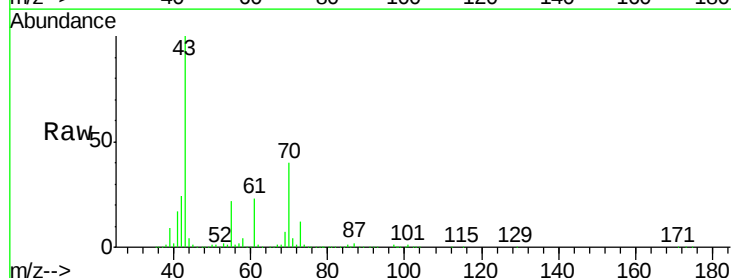
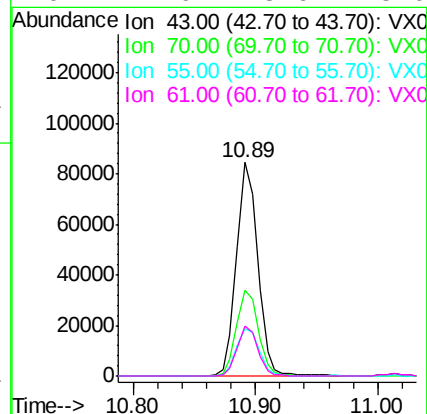
Ion Ratio Lower Upper

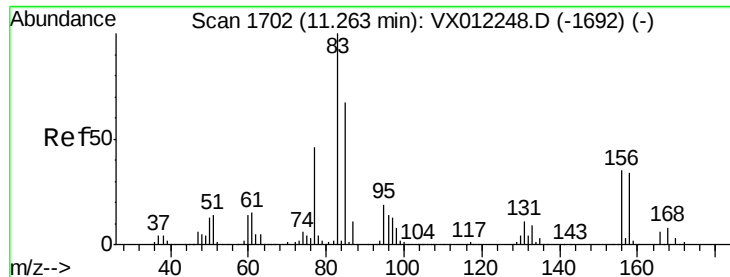
43 100

70 42.1 32.9 49.3

55 24.1 19.1 28.7

61 22.9 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.742 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Instrument :

MSVOA_X

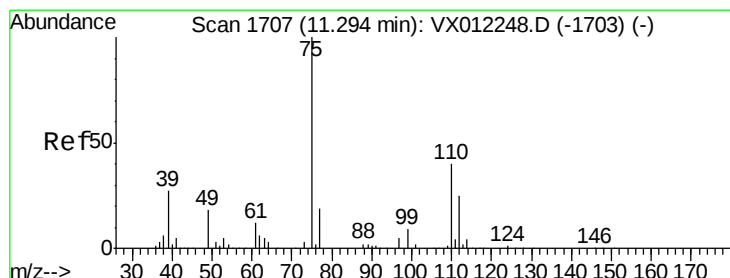
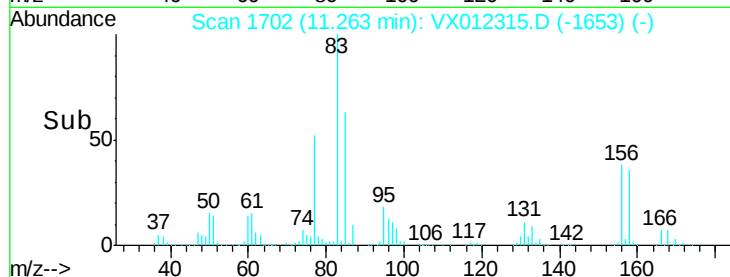
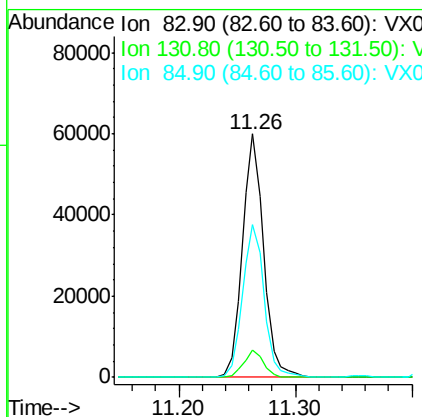
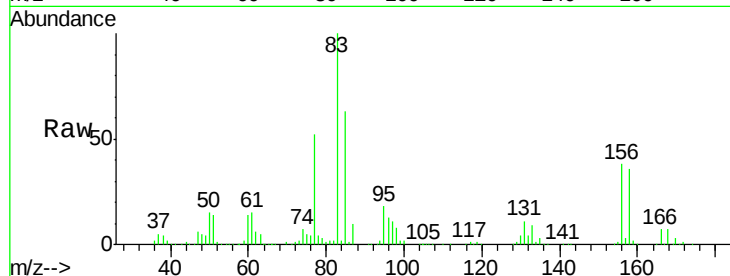
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	76040
Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.5	16.4
85	64.4	32.8	98.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 46.559 ug/l m

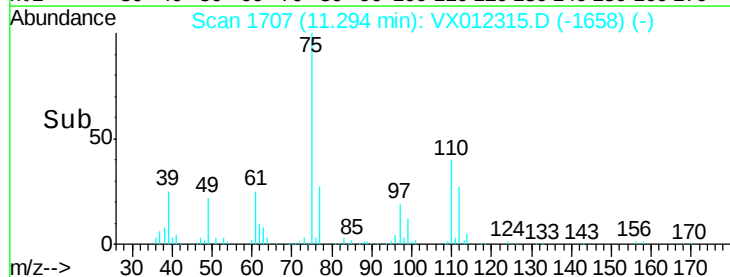
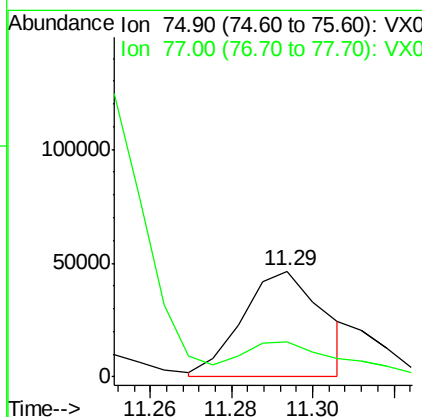
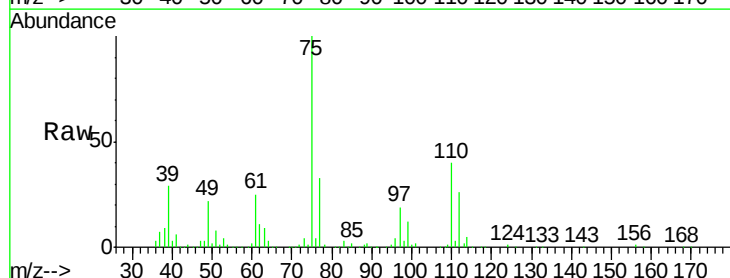
RT: 11.29 min Scan# 1707

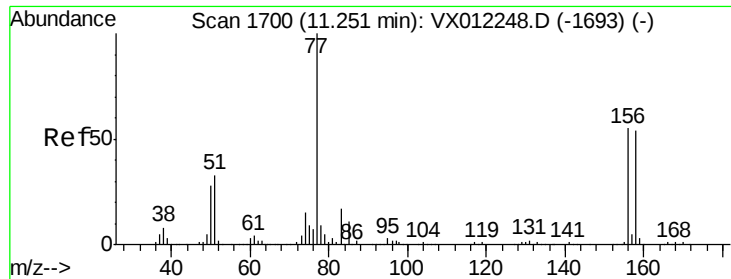
Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Tgt Ion:	75	Resp:	64669
Ion	Ratio	Lower	Upper
75	100		
77	40.6	19.7	59.0





#77

Bromobenzene

Concen: 50.850 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Instrument :

MSVOA_X

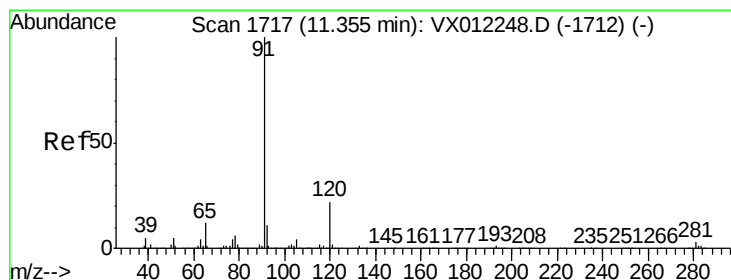
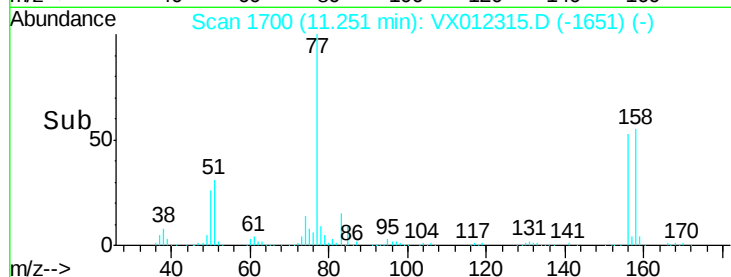
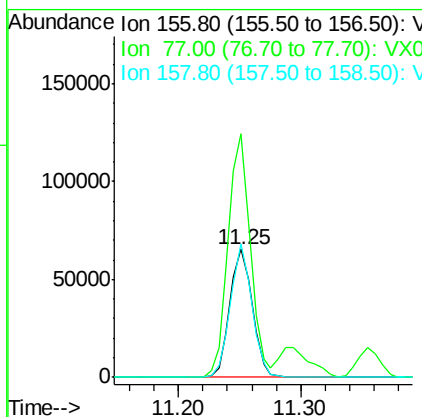
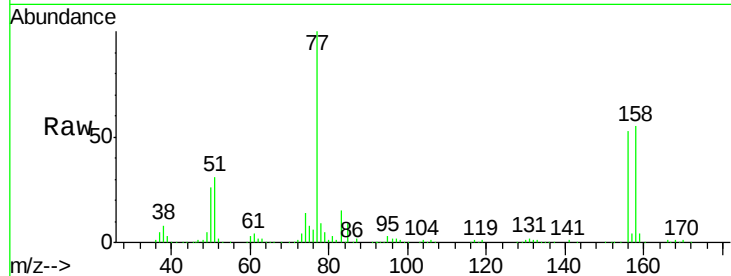
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	83332
Ion Ratio	Lower	Upper	
156	100		
77	187.6	92.2	276.6
158	99.3	48.8	146.3

Manual Integrations
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#78

n-propylbenzene

Concen: 50.337 ug/l

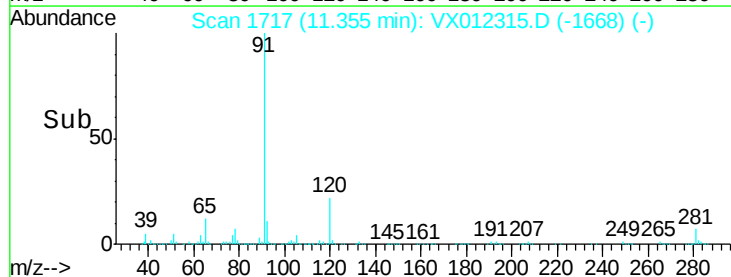
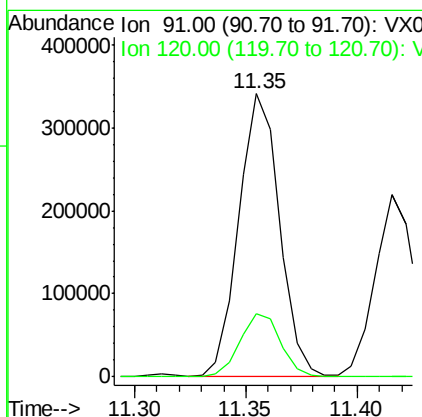
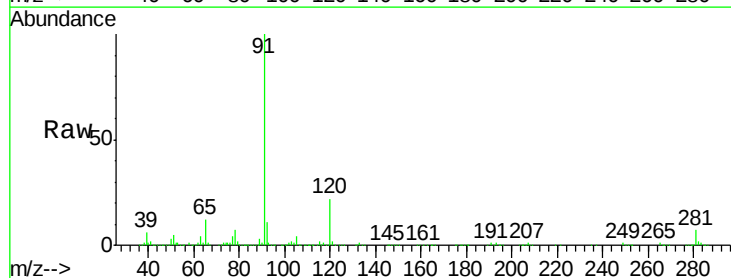
RT: 11.35 min Scan# 1717

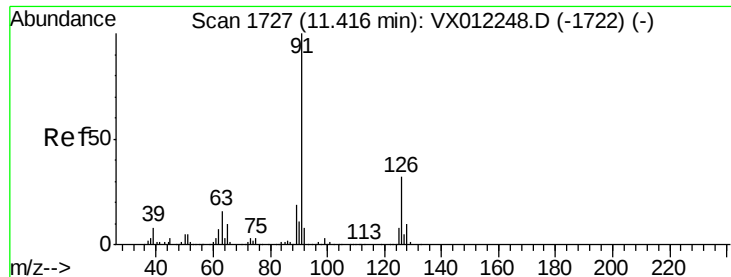
Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Tgt Ion:	91	Resp:	432676
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.2	33.6





#79

2-Chlorotoluene

Concen: 51.009 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 271642

Ion Ratio Lower Upper

91 100

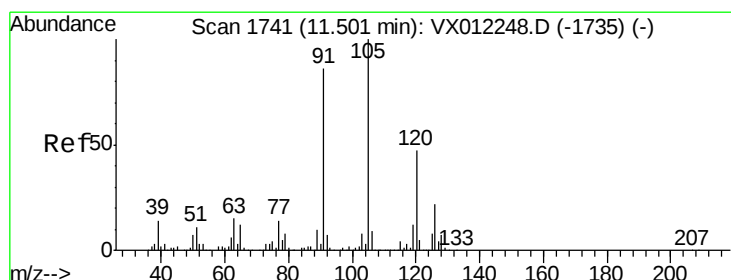
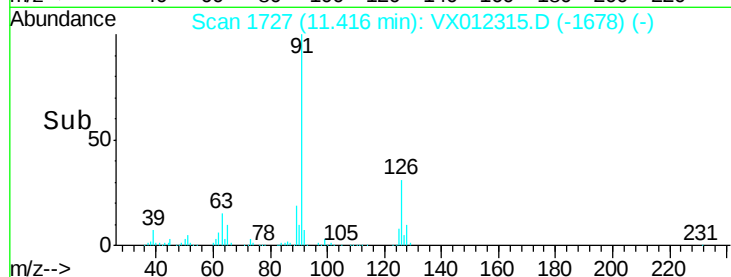
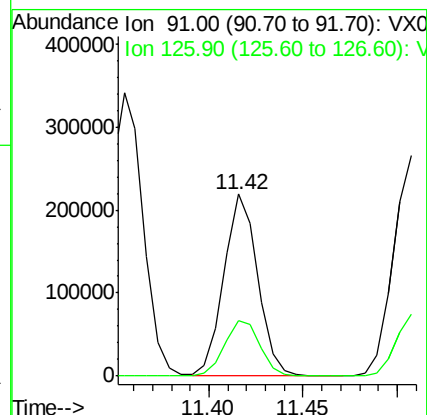
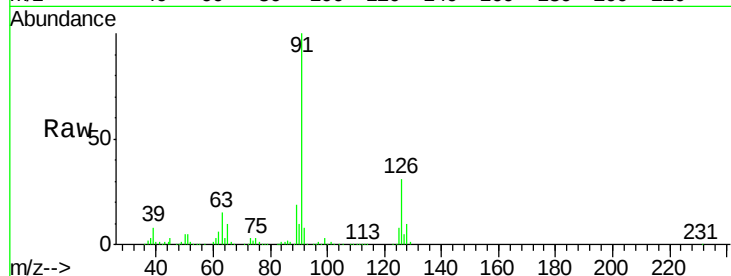
126 32.1 15.9 47.7

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#80

1,3,5-Trimethylbenzene

Concen: 50.845 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX012315.D

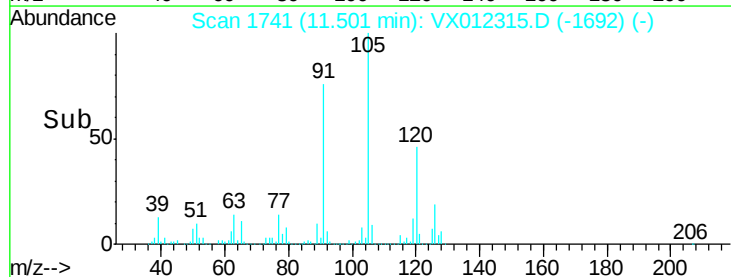
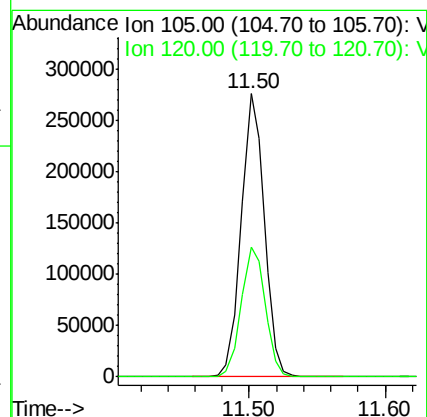
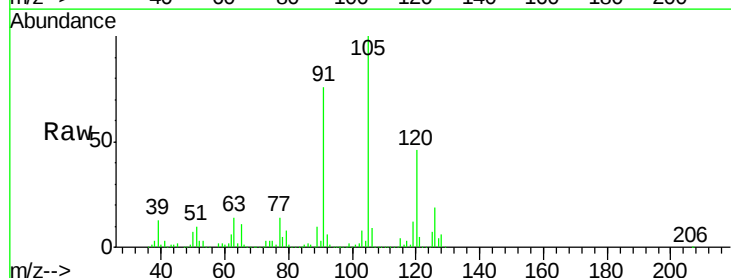
Acq: 11 Sep 2019 21:38

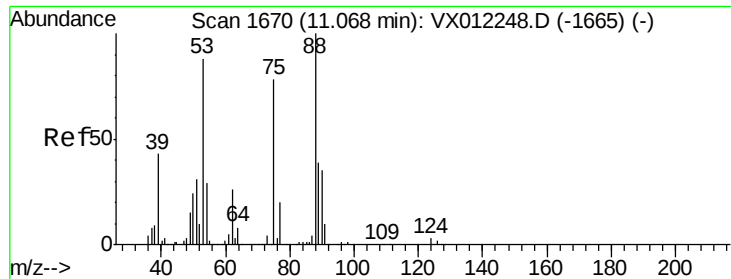
Tgt Ion: 105 Resp: 325467

Ion Ratio Lower Upper

105 100

120 47.8 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 43.432 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Instrument :

MSVOA_X

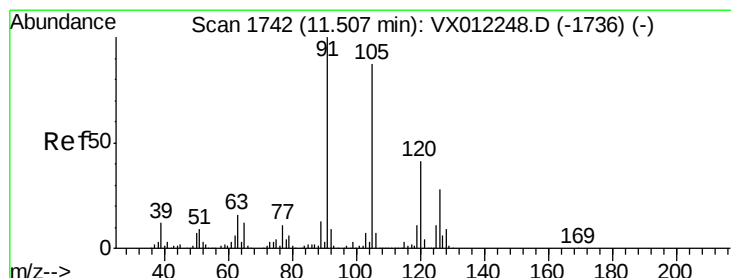
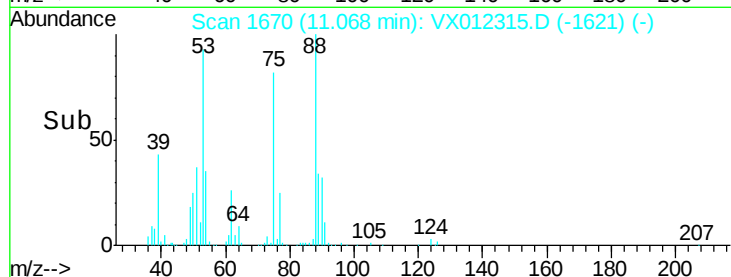
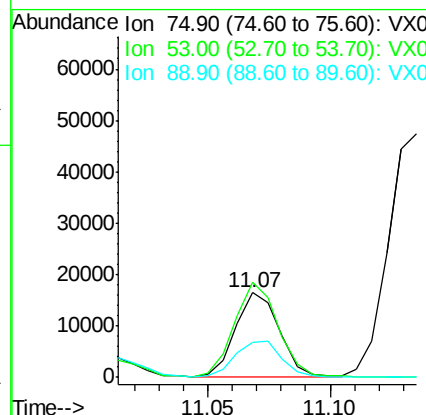
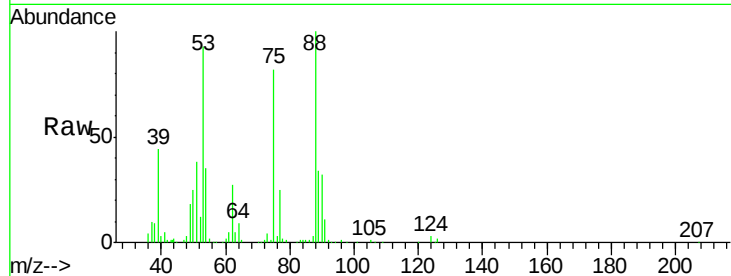
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	20134
Ion	Ratio	Lower	Upper
75	100		
53	114.4	88.1	132.1
89	46.9	43.5	65.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 51.079 ug/l

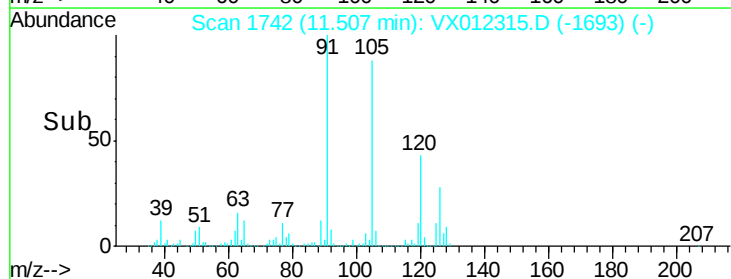
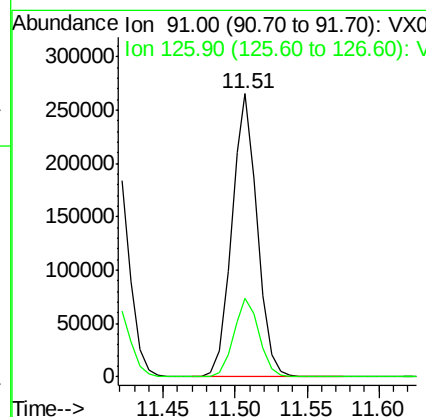
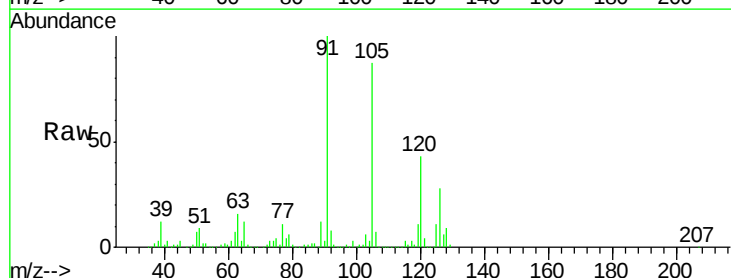
RT: 11.51 min Scan# 1742

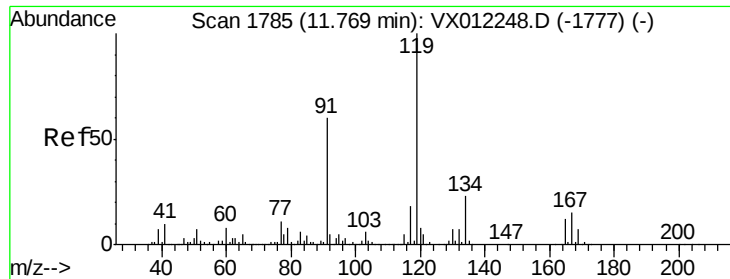
Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Tgt Ion:	91	Resp:	326905
Ion	Ratio	Lower	Upper
91	100		
126	27.9	14.0	42.0





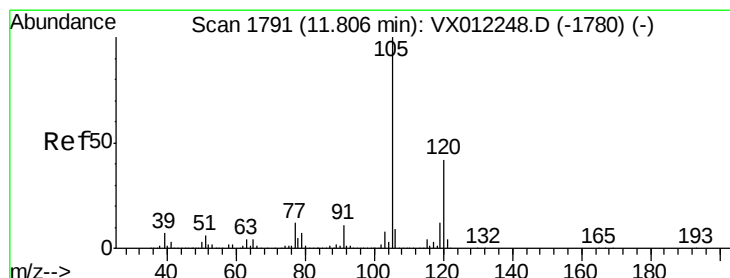
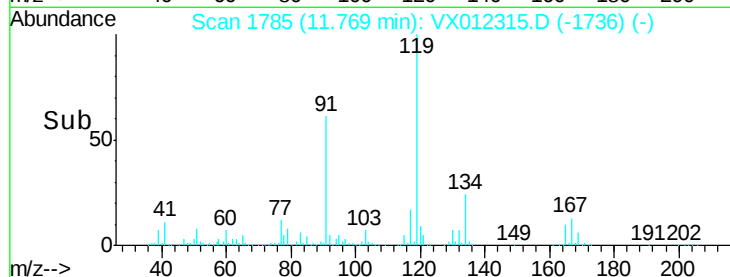
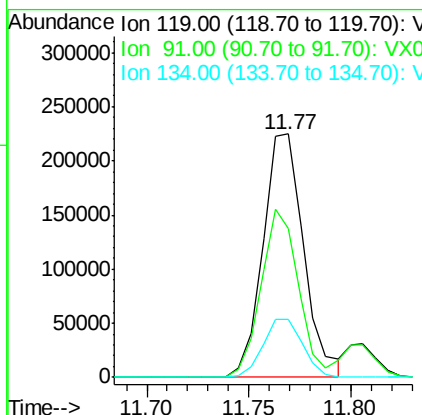
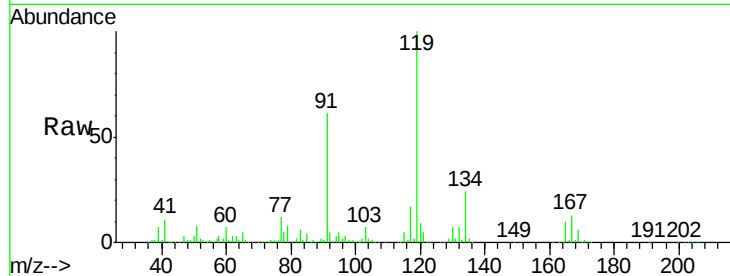
#83
 tert-Butylbenzene
 Concen: 50.339 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	312881		
91	63.3	30.9	92.8	
134	23.5	11.2	33.6	

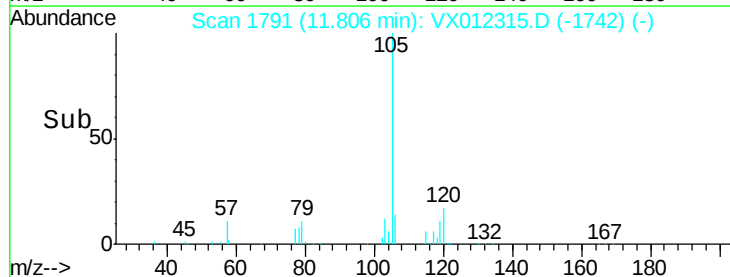
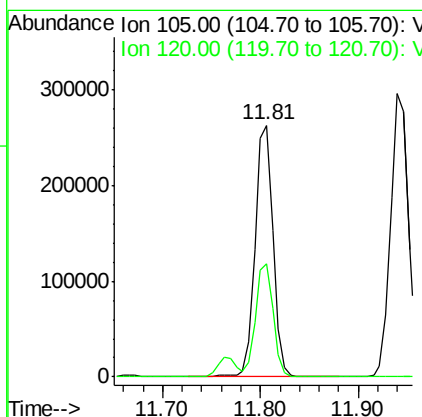
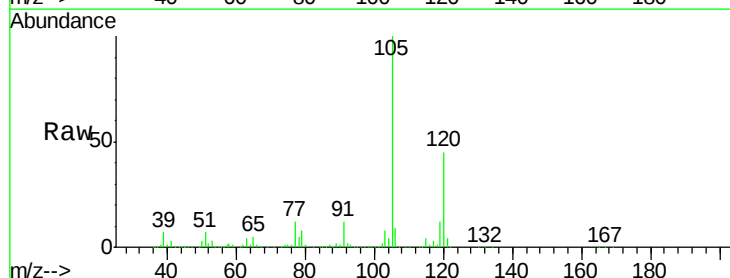
Manual Integrations
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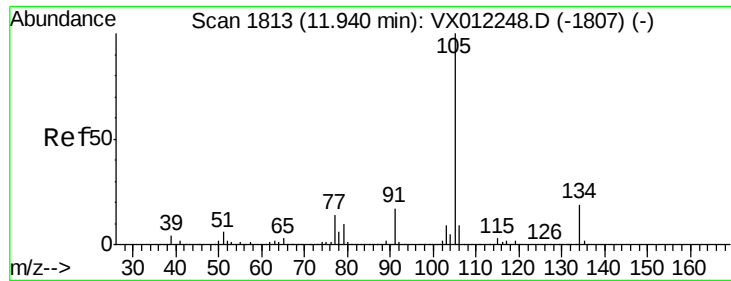
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.367 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	333284		
120	44.2	21.3	63.9	





#85

sec-Butylbenzene

Concen: 50.267 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 372790

Ion Ratio Lower Upper

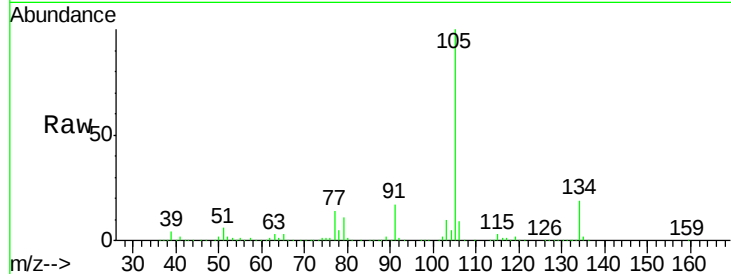
105 100

134 19.5 9.9 29.7

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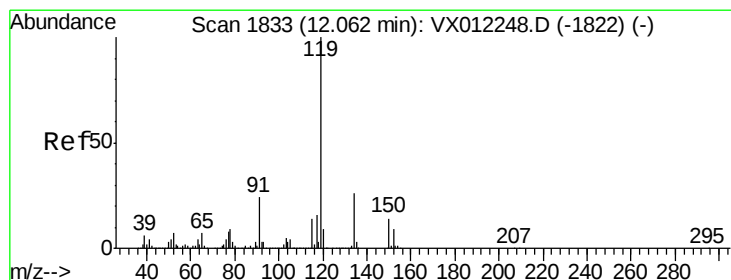
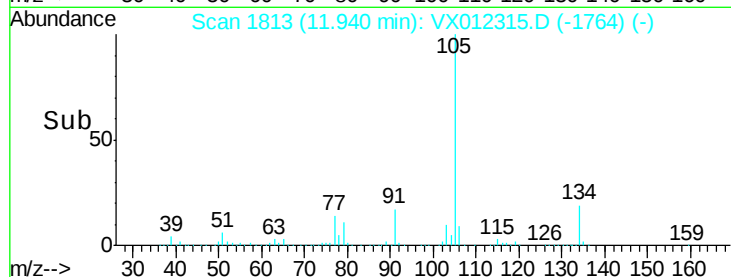
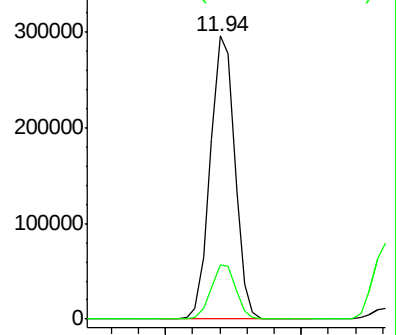
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.682 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

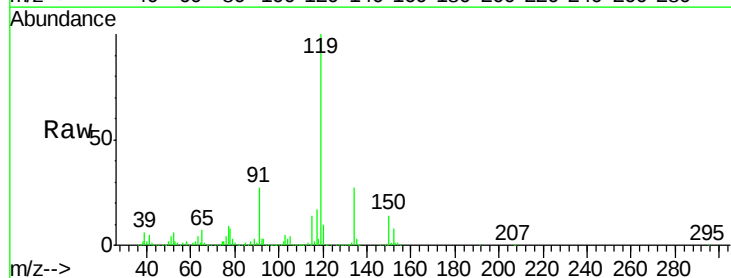
Tgt Ion:119 Resp: 347294

Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.7

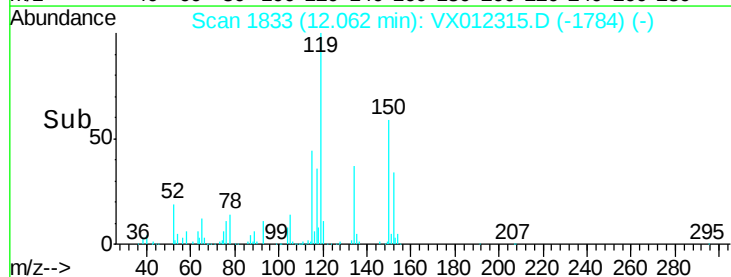
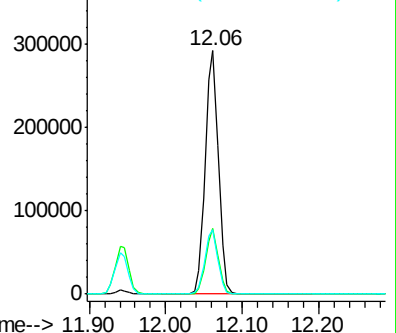
91 26.2 13.1 39.1

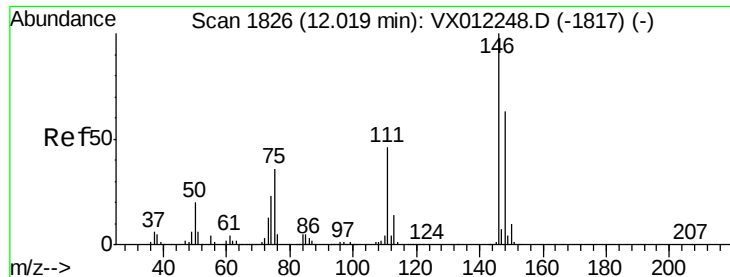


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 50.771 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Instrument :

MSVOA_X

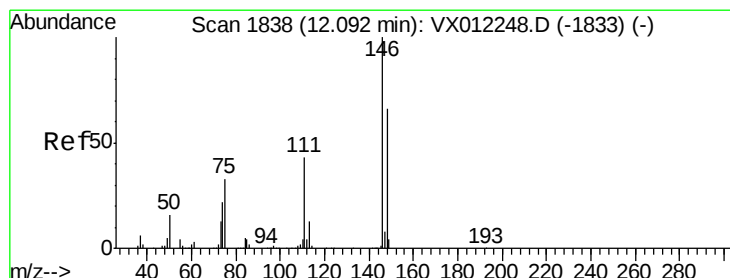
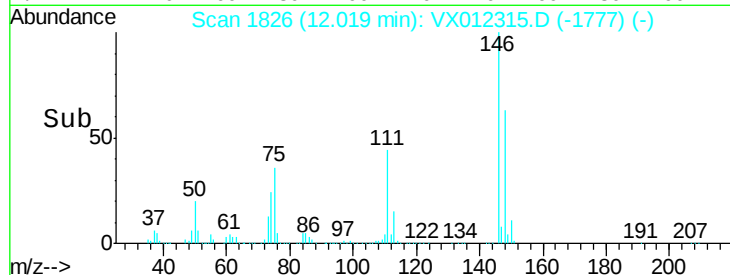
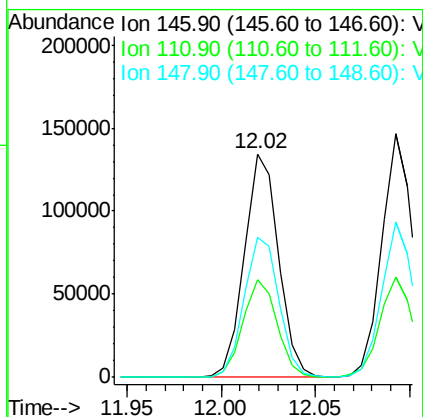
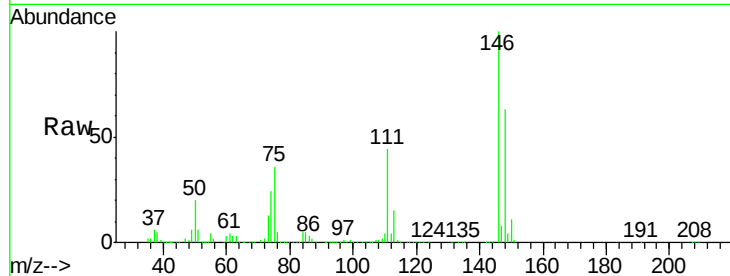
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	169491
Ion Ratio	Lower	Upper	
146	100		
111	43.8	22.3	66.8
148	63.8	31.5	94.5

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#88

1,4-Dichlorobenzene

Concen: 51.131 ug/l

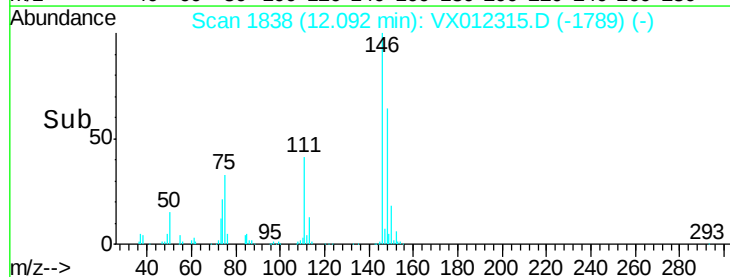
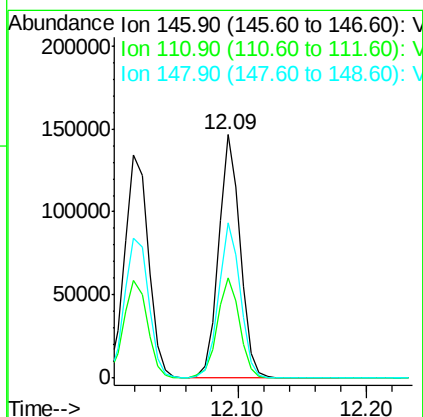
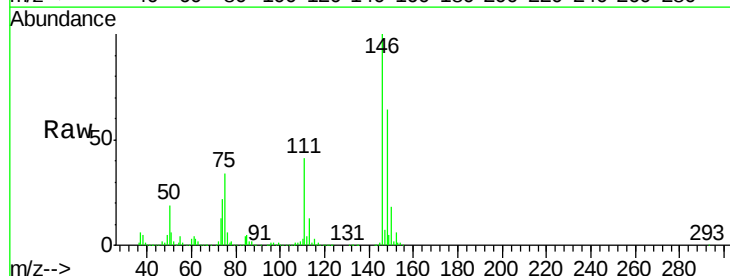
RT: 12.09 min Scan# 1838

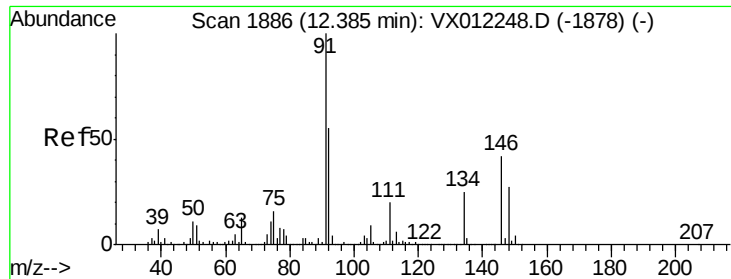
Delta R.T. -0.00 min

Lab File: VX012315.D

Acq: 11 Sep 2019 21:38

Tgt Ion:	146	Resp:	172601
Ion Ratio	Lower	Upper	
146	100		
111	42.7	21.6	64.8
148	64.5	32.4	97.2





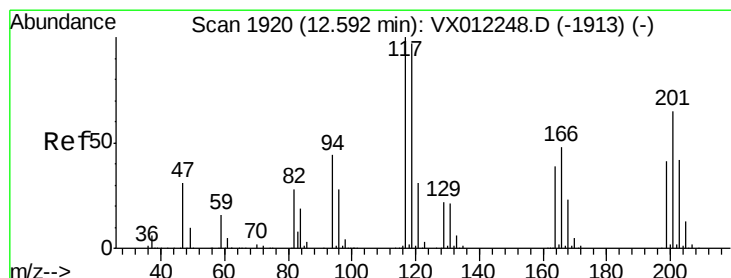
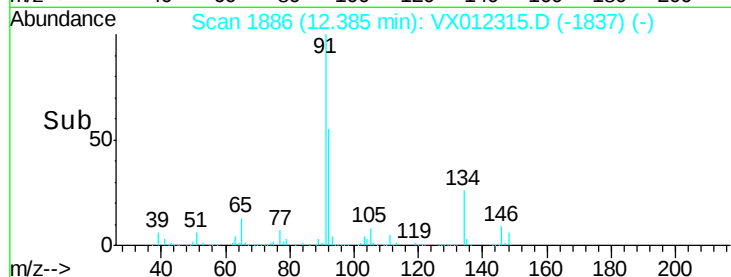
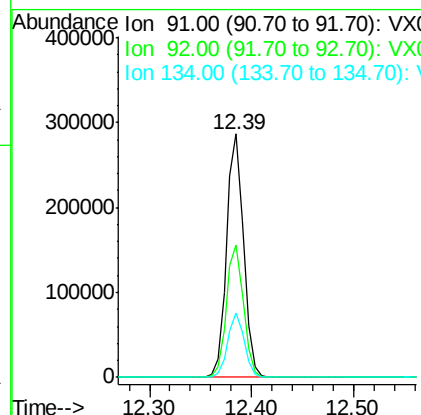
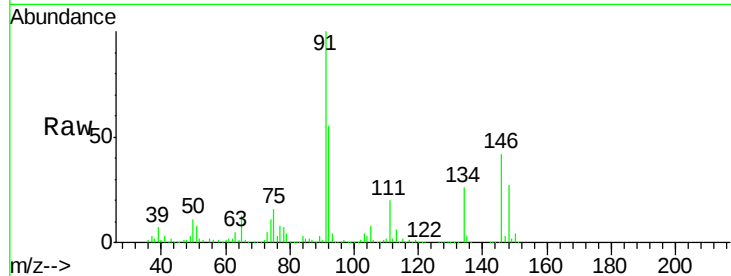
#89
n-Butylbenzene
Concen: 49.632 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	333344		
92	54.8	27.6	82.7	
134	25.7	12.5	37.5	

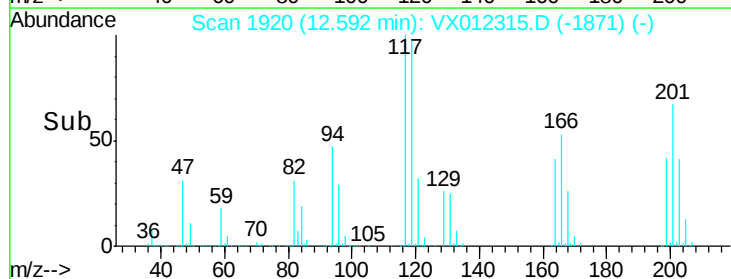
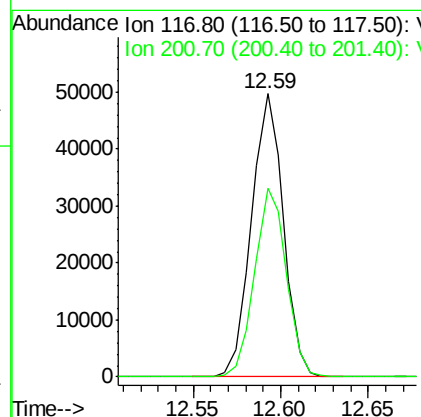
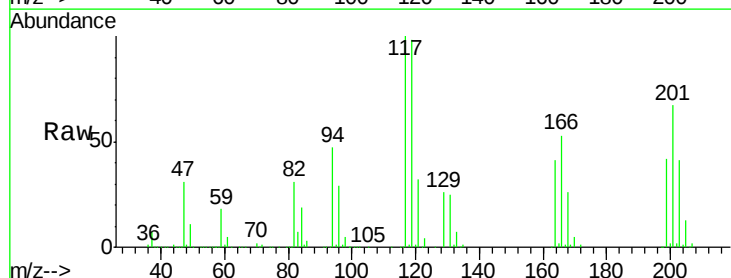
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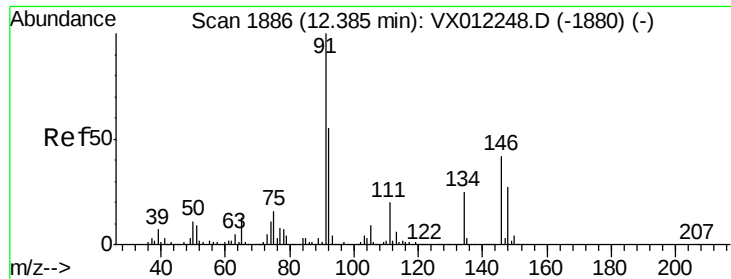
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#90
Hexachloroethane
Concen: 49.744 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	62785		
201	66.5	32.2	96.6	





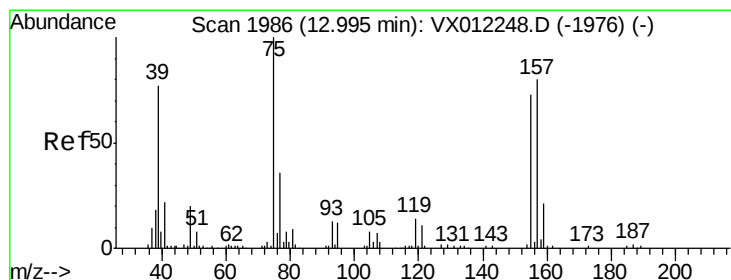
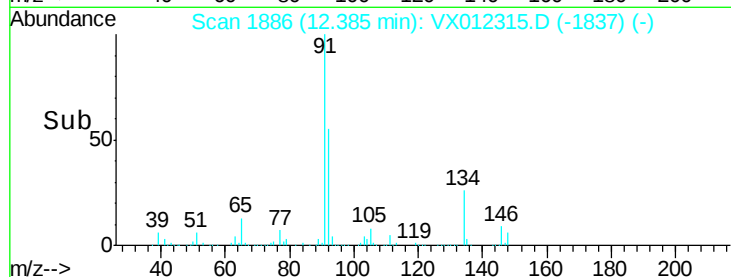
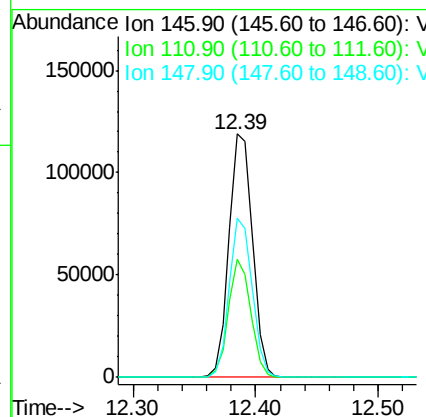
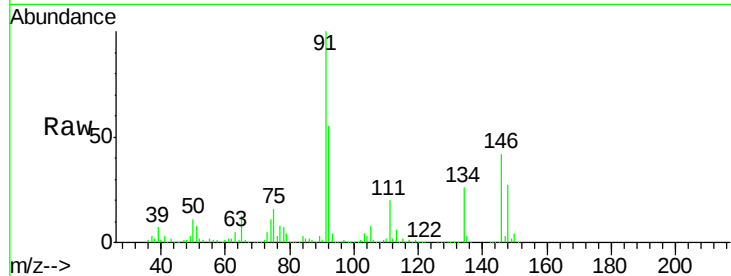
#91
 1,2-Dichlorobenzene
 Concen: 51.305 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.9	23.2	69.6
148	63.8	32.4	97.0

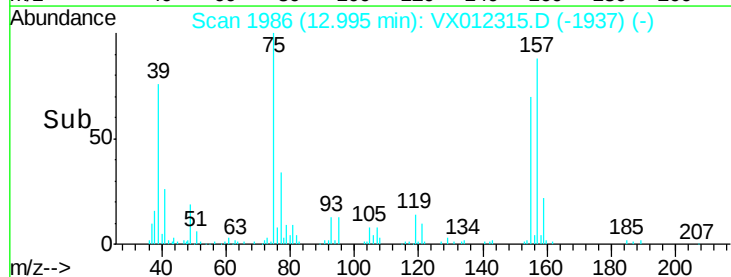
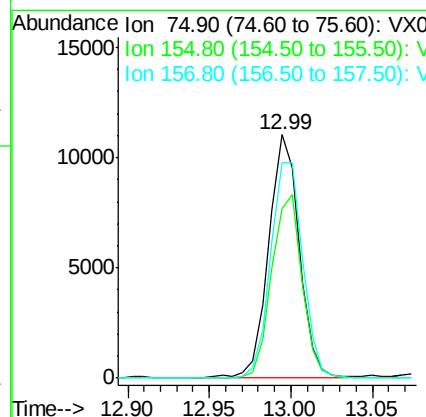
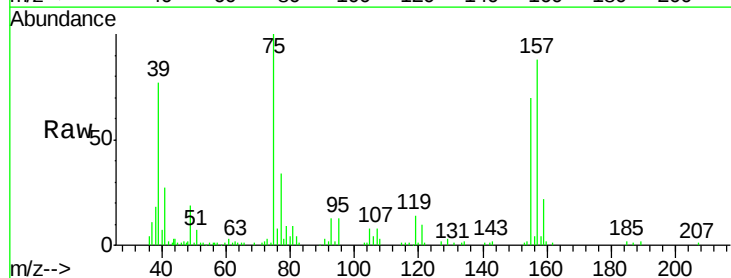
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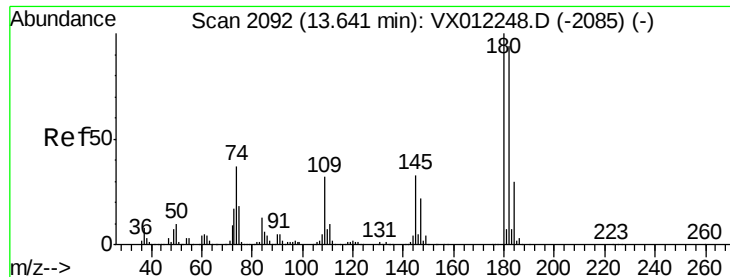
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.855 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.2	35.3	105.7
157	92.5	43.2	129.6





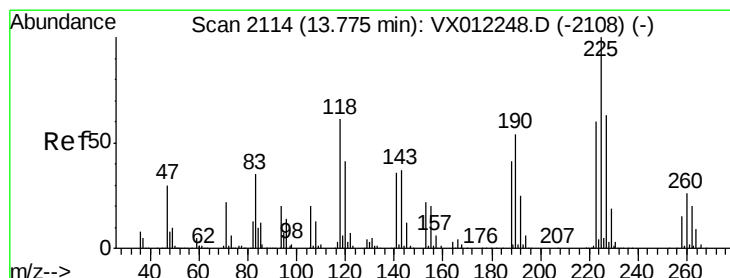
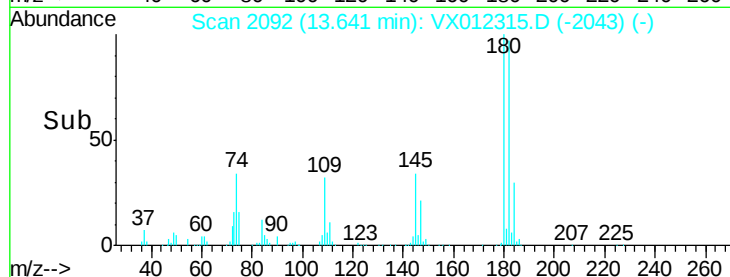
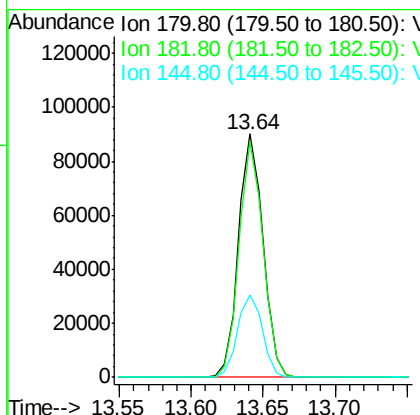
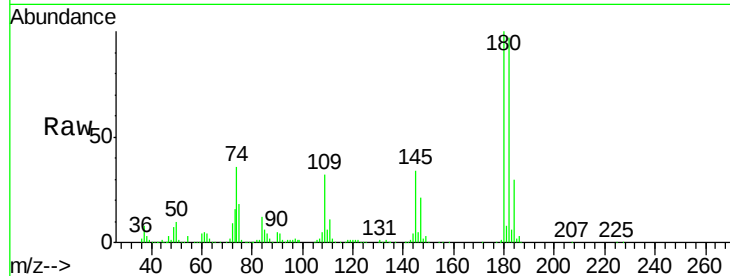
#93
 1,2,4-Trichlorobenzene
 Concen: 50.140 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.4	46.9	140.8	
145	34.5	17.1	51.2	

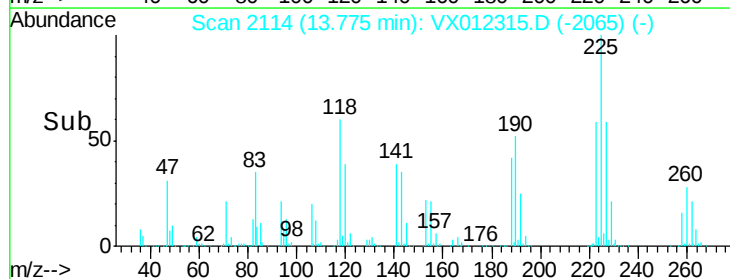
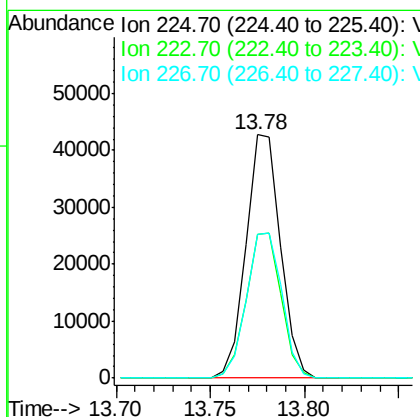
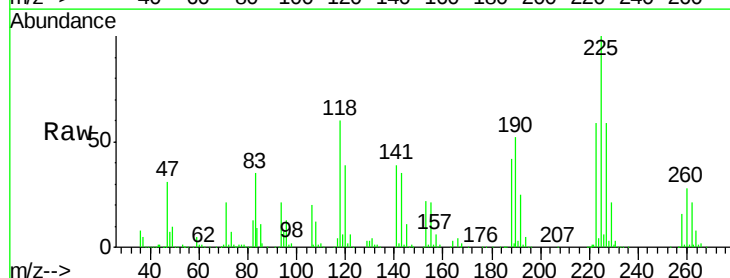
Manual Integrations
 APPROVED

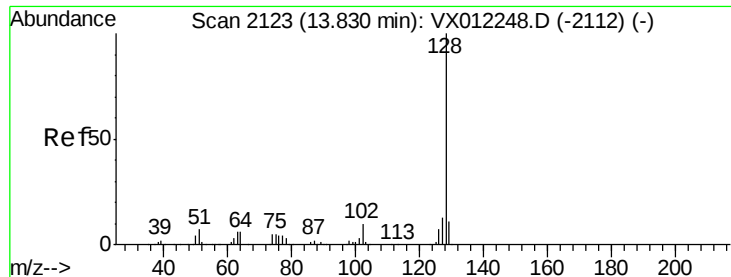
MMDadoda
 9/12/2019 9:26:41 AM



#94
 Hexachlorobutadiene
 Concen: 51.139 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX012315.D
 Acq: 11 Sep 2019 21:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.2	32.1	96.5	
227	61.5	32.5	97.5	





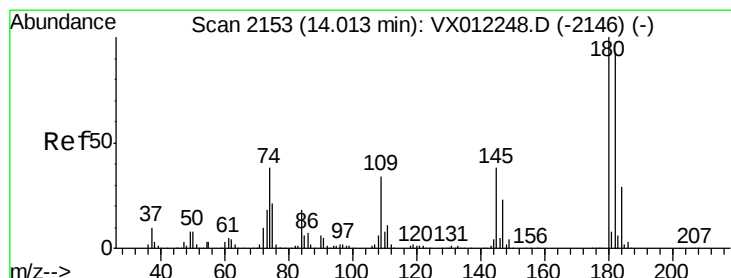
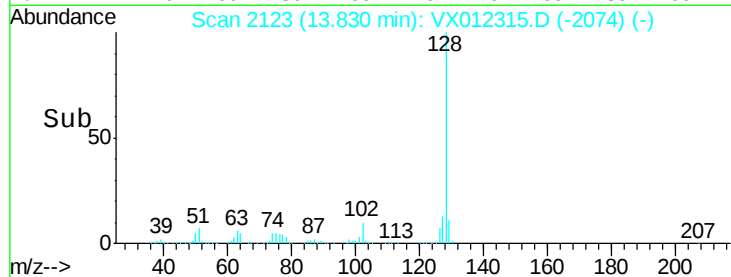
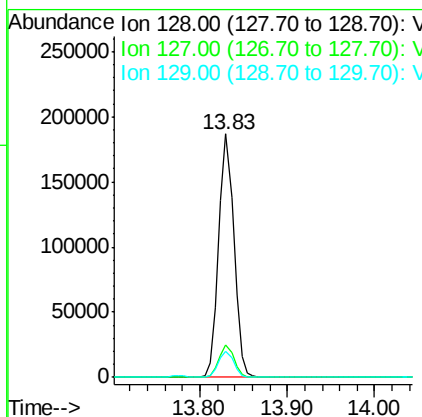
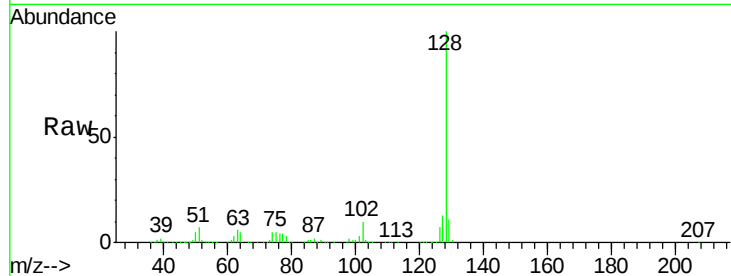
#95
Naphthalene
Concen: 48.976 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	10.9	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
9/12/2019 9:26:41 AM



#96
1,2,3-Trichlorobenzene
Concen: 50.616 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX012315.D
Acq: 11 Sep 2019 21:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.0	141.0
145	36.3	18.6	55.8

