

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091319\
 Data File : VX012400.D
 Acq On : 13 Sep 2019 21:54
 Operator : SY/SP
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/16/2019 1:21:13 PM

Quant Time: Sep 14 01:00:43 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	120586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	214332	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	202177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	106085	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	78470	46.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.06%	
35) Dibromofluoromethane	5.48	113	64649	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	
50) Toluene-d8	8.71	98	237690	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
62) 4-Bromofluorobenzene	11.14	95	100185	44.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	38379	38.928	ug/l	97
3) Chloromethane	1.31	50	40853	45.971	ug/l	97
4) Vinyl Chloride	1.40	62	38220	43.375	ug/l	96
5) Bromomethane	1.62	94	20085	56.877	ug/l	100
6) Chloroethane	1.71	64	27568	46.788	ug/l	97
7) Trichlorofluoromethane	1.92	101	68954	43.239	ug/l	100
8) Diethyl Ether	2.17	74	26431	48.572	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	48727	45.336	ug/l	98
10) Methyl Iodide	2.50	142	35277	34.486	ug/l	98
11) Tert butyl alcohol	3.03	59	46361	256.332	ug/l	100
12) 1,1-Dichloroethene	2.36	96	41777	45.785	ug/l	96
13) Acrolein	2.28	56	23126	259.492	ug/l	89
14) Allyl chloride	2.72	41	85120	45.756	ug/l	96
15) Acrylonitrile	3.13	53	88069	261.816	ug/l	100
16) Acetone	2.43	43	79478	196.928	ug/l	97
17) Carbon Disulfide	2.56	76	77196	40.288	ug/l	99
18) Methyl Acetate	2.76	43	44986	53.031	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	178048	49.411	ug/l	99
20) Methylene Chloride	2.84	84	61199	48.526	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	49801	45.746	ug/l	98
22) Diisopropyl ether	3.84	45	209898	49.335	ug/l	97
23) Vinyl Acetate	3.80	43	633355	242.635	ug/l	100
24) 1,1-Dichloroethane	3.69	63	109048	47.851	ug/l	97
25) 2-Butanone	4.66	43	122597	237.624	ug/l	96
26) 2,2-Dichloropropane	4.57	77	84192	39.350	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	67267	47.860	ug/l	97
28) Bromochloromethane	5.00	49	52815	49.415	ug/l	99
29) Tetrahydrofuran	5.12	42	73740	264.903	ug/l	99
30) Chloroform	5.20	83	122166	47.539	ug/l	97
31) Cyclohexane	5.56	56	67451	42.609	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	98849	44.797	ug/l	100
36) 1,1-Dichloropropene	5.79	75	70756	45.274	ug/l	97
37) Ethyl Acetate	4.82	43	50473	52.245	ug/l	100
38) Carbon Tetrachloride	5.77	117	77756	42.406	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	71754	41.837	ug/l	96
40) Benzene	6.13	78	226693	47.926	ug/l	97
41) Methacrylonitrile	5.03	41	30778	51.678	ug/l	97
42) 1,2-Dichloroethane	6.18	62	89859	48.066	ug/l	100
43) Isopropyl Acetate	6.43	43	99904	49.049	ug/l	100
44) Trichloroethene	7.20	130	59881	46.779	ug/l	99
45) 1,2-Dichloropropane	7.51	63	64199	49.034	ug/l	99
46) Dibromomethane	7.65	93	37315	52.148	ug/l	97
47) Bromodichloromethane	7.89	83	90642	46.417	ug/l	97
48) Methyl methacrylate	7.76	41	48289	49.530	ug/l	99
49) 1,4-Dioxane	7.73	88	14474	1100.215	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	274376	255.238	ug/l	99
52) Toluene	8.78	92	151688	48.552	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	88803	45.562	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	100825	46.651	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	55553	50.111	ug/l	98
56) Ethyl methacrylate	9.17	69	75515	50.310	ug/l	97
57) 1,3-Dichloropropane	9.37	76	96079	50.744	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	165636	215.305	ug/l	99
59) 2-Hexanone	9.48	43	193045	258.274	ug/l	99
60) Dibromochloromethane	9.57	129	63911	49.383	ug/l	98
61) 1,2-Dibromoethane	9.67	107	52604	50.976	ug/l	99
64) Tetrachloroethene	9.33	164	55467	51.875	ug/l	96
65) Chlorobenzene	10.14	112	176962	47.903	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	68091	48.896	ug/l	99
67) Ethyl Benzene	10.25	91	304623	46.364	ug/l	96
68) m/p-Xylenes	10.35	106	228685	94.552	ug/l	100
69) o-Xylene	10.70	106	114110	48.162	ug/l	99
70) Styrene	10.71	104	206197	49.072	ug/l	99
71) Bromoform	10.85	173	35978	49.823	ug/l #	99
73) Isopropylbenzene	11.01	105	307145	43.979	ug/l	100
74) N-amyl acetate	10.89	43	90494	43.579	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	72051	48.037	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	64001m	46.962	ug/l	
77) Bromobenzene	11.25	156	78061	48.548	ug/l	93
78) n-propylbenzene	11.35	91	363739	43.129	ug/l	99
79) 2-Chlorotoluene	11.42	91	229205	43.866	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	279616	44.521	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	18443	40.548	ug/l	95
82) 4-Chlorotoluene	11.51	91	280367	44.648	ug/l	99
83) tert-Butylbenzene	11.76	119	270611	44.374	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	292085	44.988	ug/l	98
85) sec-Butylbenzene	11.94	105	317091	43.577	ug/l	100
86) p-Isopropyltoluene	12.06	119	297341	44.225	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	150311	45.890	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	155881	47.064	ug/l	98
89) n-Butylbenzene	12.39	91	283167	42.970	ug/l	99
90) Hexachloroethane	12.59	117	52982	42.783	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	145593	48.052	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	13670	44.651	ug/l	92

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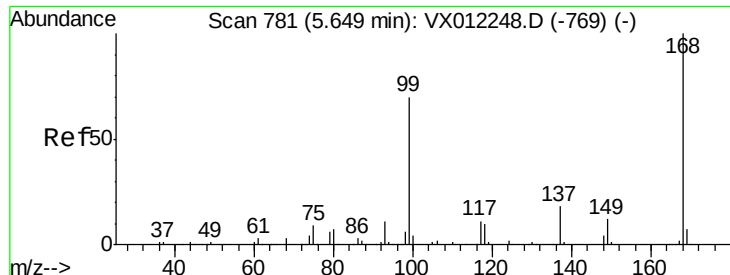
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	102172	48.829	ug/l	100
94) Hexachlorobutadiene	13.78	225	52045	49.998	ug/l	98
95) Naphthalene	13.83	128	228001	50.775	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	94948	51.285	ug/l	99

(#) = 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: VX012400.D

Acq: 13 Sep 2019 21:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 120586

Ion Ratio Lower Upper

168 100

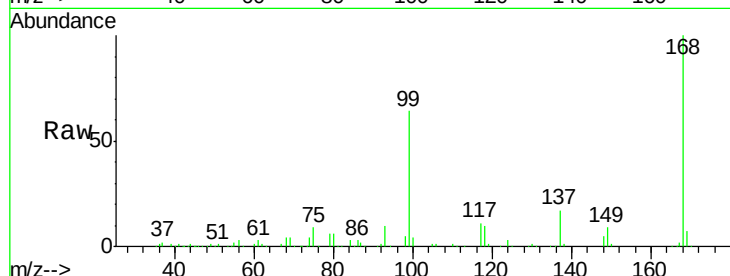
99 64.0 55.8 83.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

40000

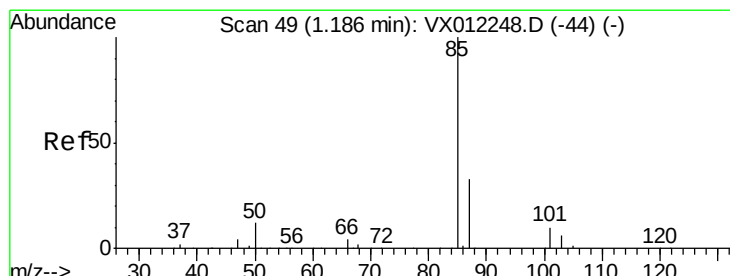
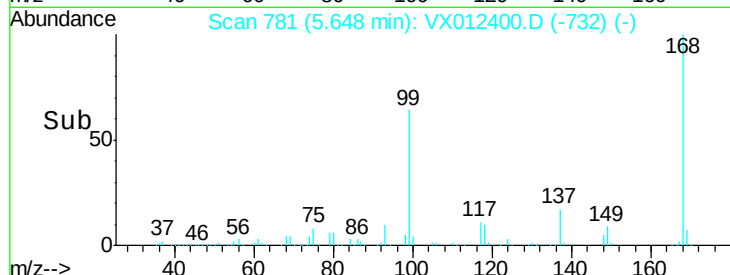
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 38.928 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012400.D

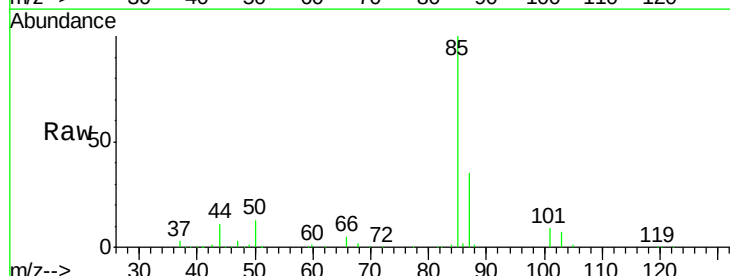
Acq: 13 Sep 2019 21:54

Tgt Ion: 85 Resp: 38379

Ion Ratio Lower Upper

85 100

87 35.1 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

40000

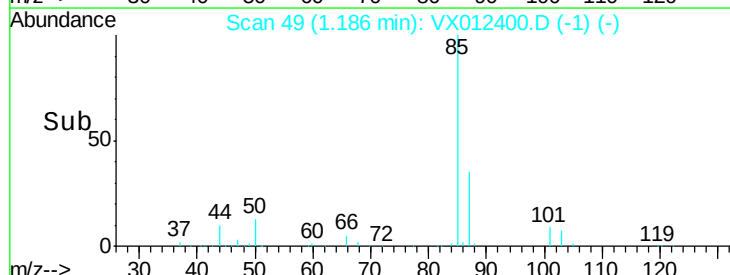
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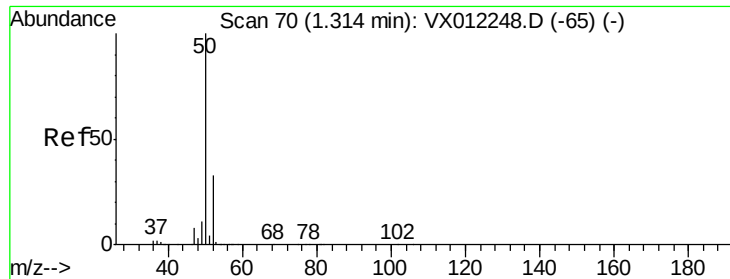
20000

10000

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Time-->





#3

Chloromethane

Concen: 45.971 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 40853

Ion Ratio Lower Upper

50 100

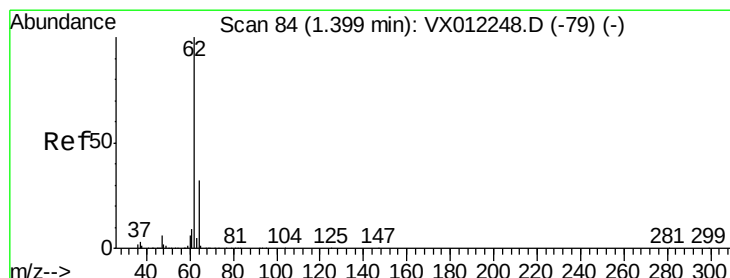
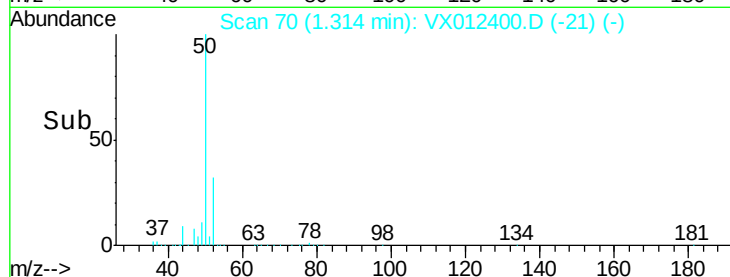
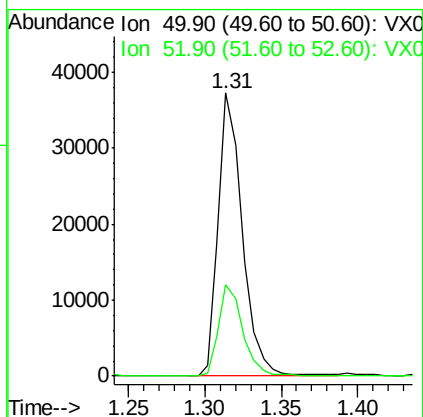
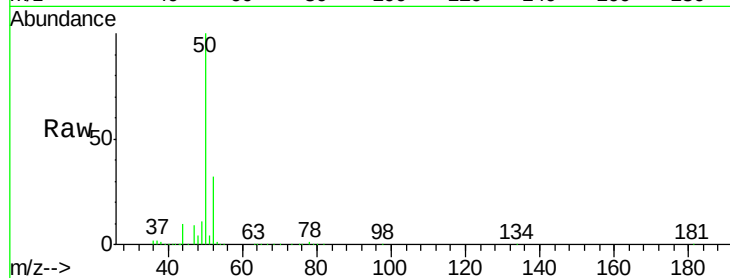
52 31.9 26.7 40.1

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#4

Vinyl Chloride

Concen: 43.375 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012400.D

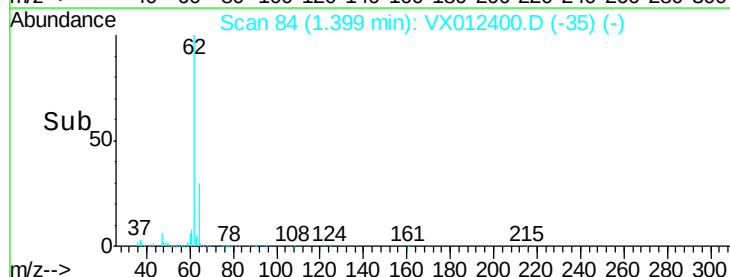
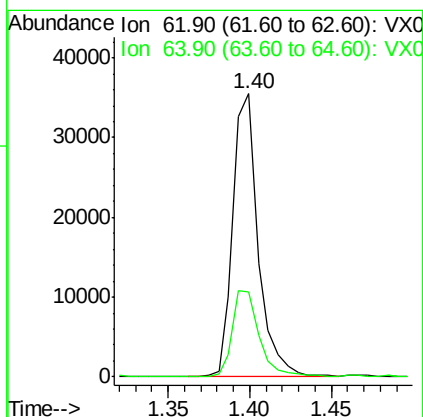
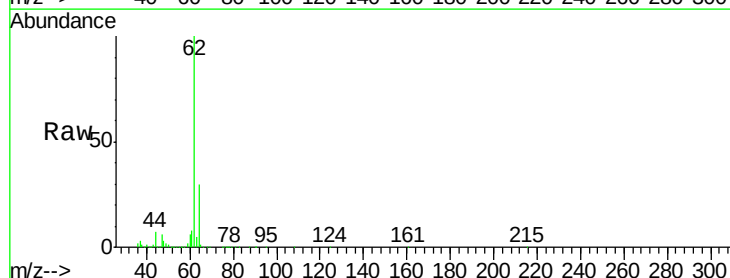
Acq: 13 Sep 2019 21:54

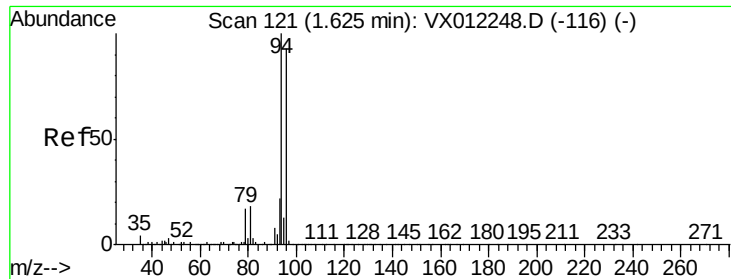
Tgt Ion: 62 Resp: 38220

Ion Ratio Lower Upper

62 100

64 29.9 25.5 38.3





#5

Bromomethane

Concen: 56.877 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 20085

Ion Ratio Lower Upper

94 100

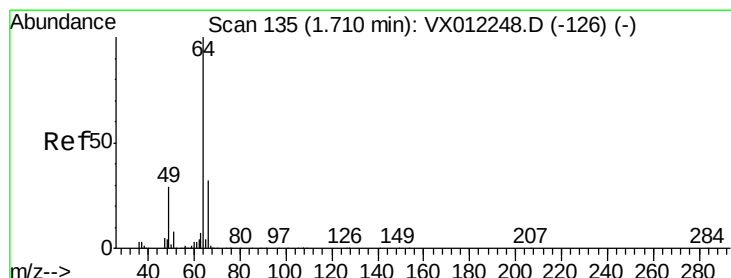
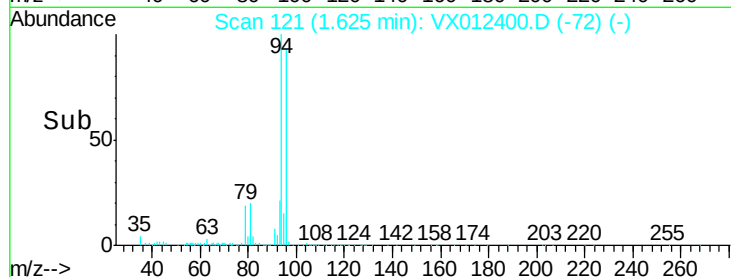
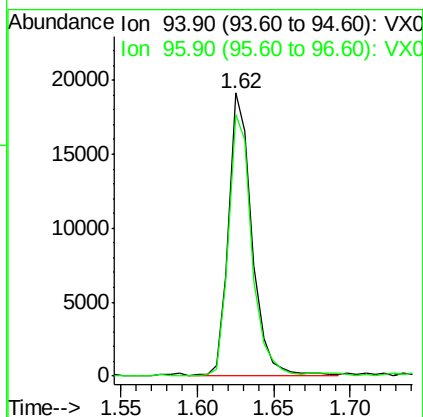
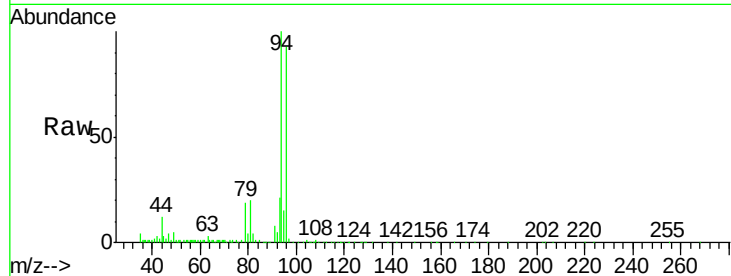
96 92.6 74.0 111.0

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#6

Chloroethane

Concen: 46.788 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX012400.D

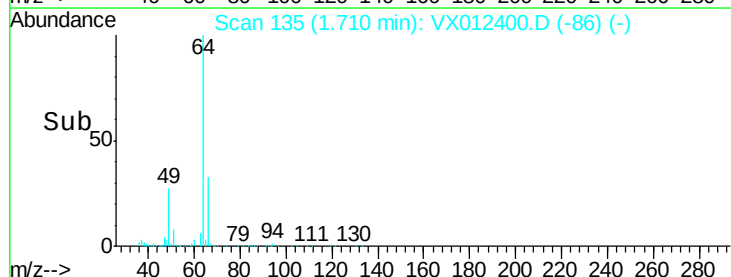
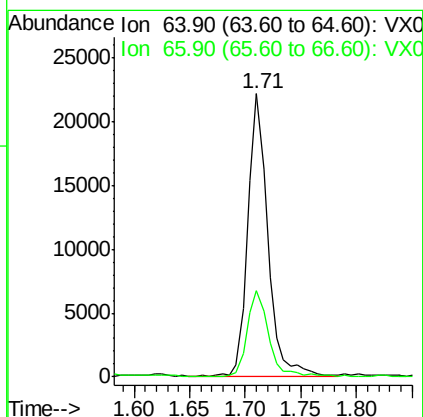
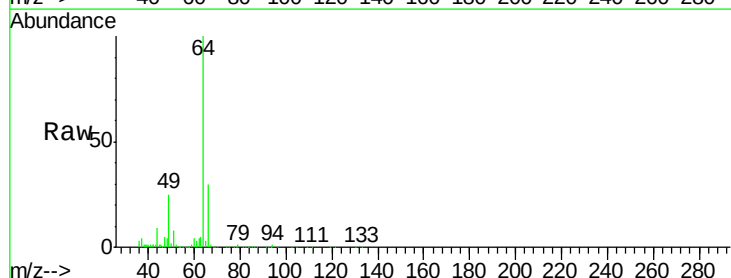
Acq: 13 Sep 2019 21:54

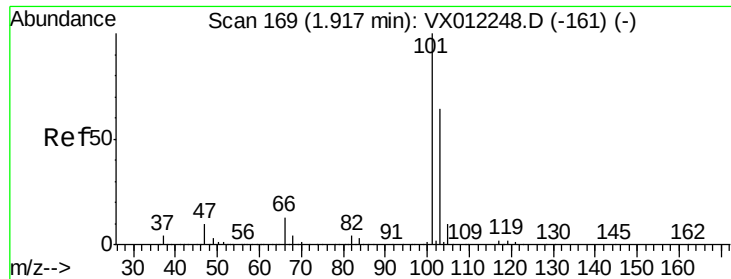
Tgt Ion: 64 Resp: 27568

Ion Ratio Lower Upper

64 100

66 30.6 25.8 38.6





#7

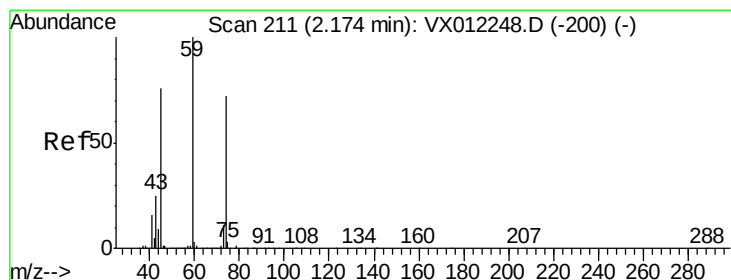
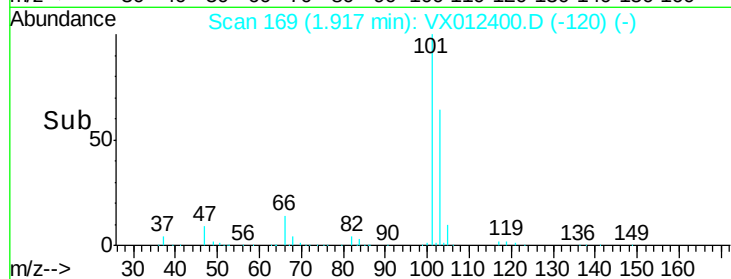
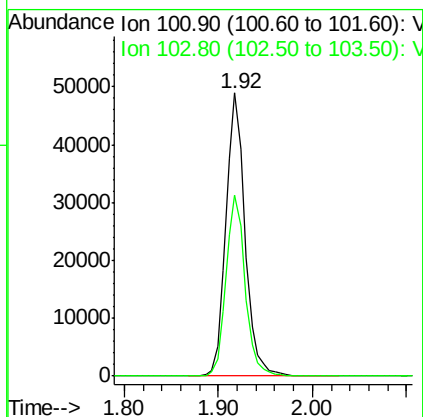
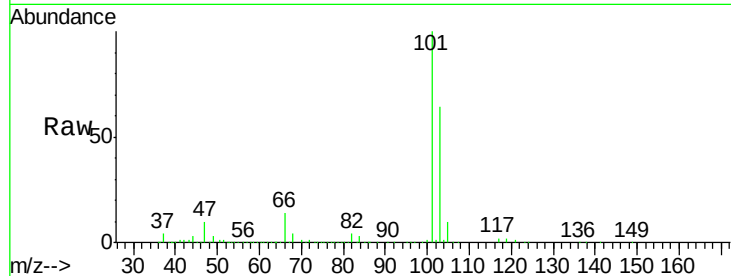
Trichlorofluoromethane
Concen: 43.239 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Instrument :
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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	51.4	77.2

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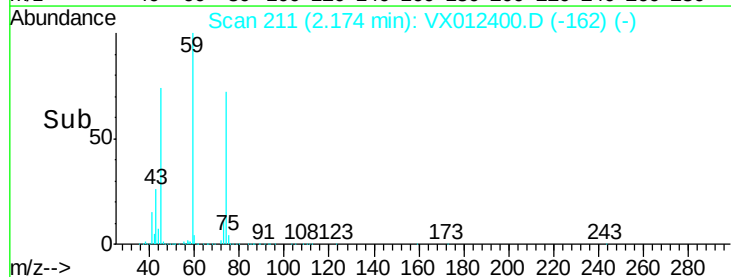
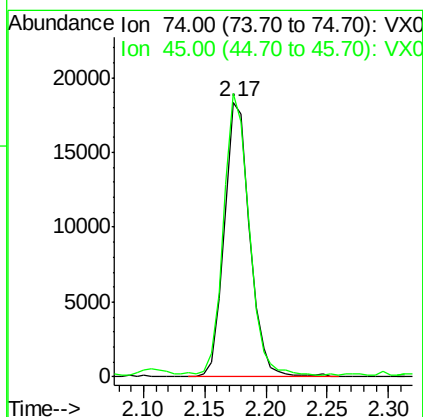
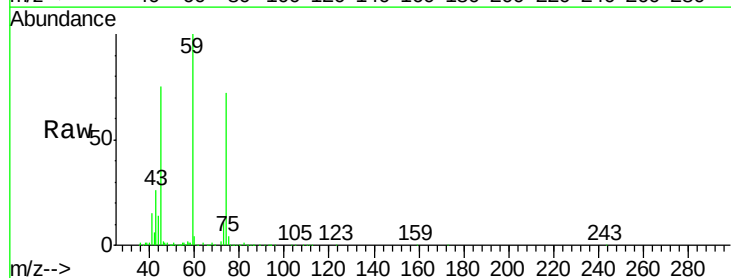
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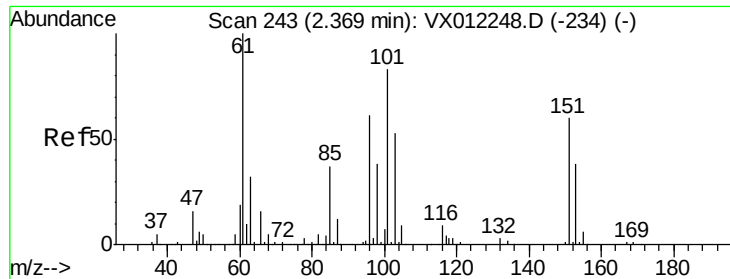


#8

Diethyl Ether
Concen: 48.572 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.6	51.3	153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.336 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

Instrument :

MSVOA_X

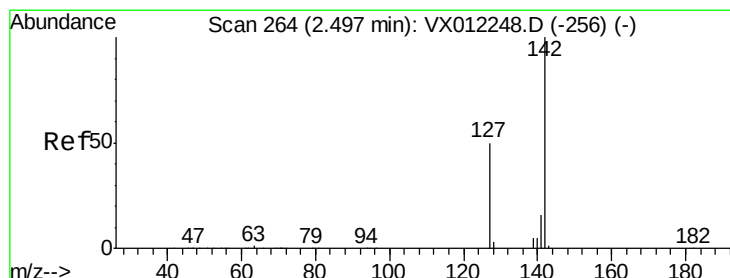
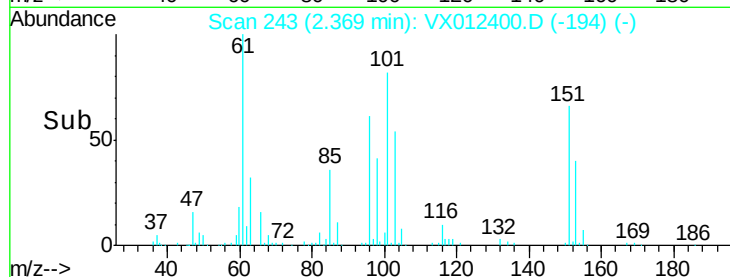
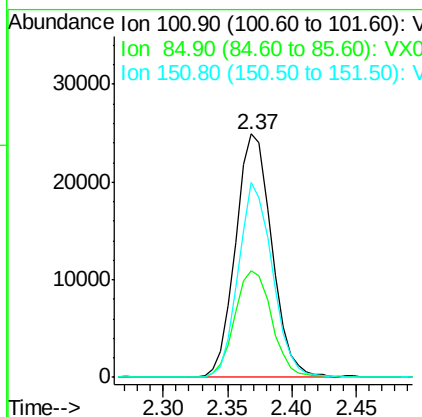
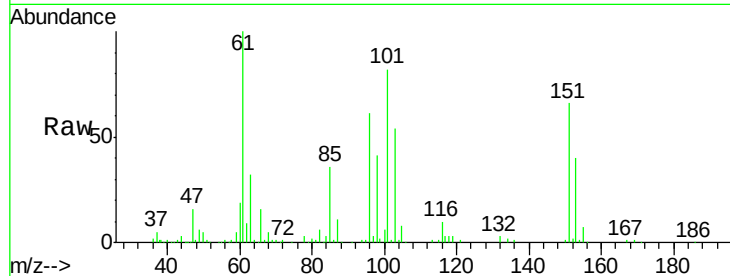
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	48727
Ion Ratio	Lower	Upper	
101	100		
85	45.0	37.0	55.6
151	75.6	58.6	87.8

Manual Integrations
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#10

Methyl Iodide

Concen: 34.486 ug/l

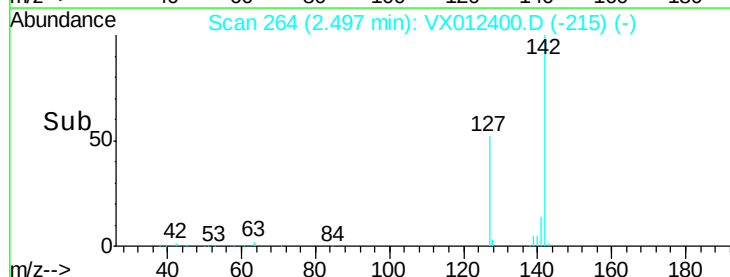
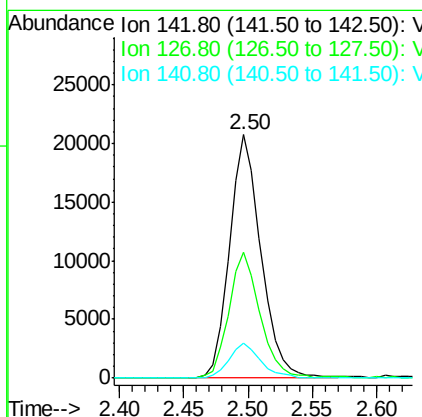
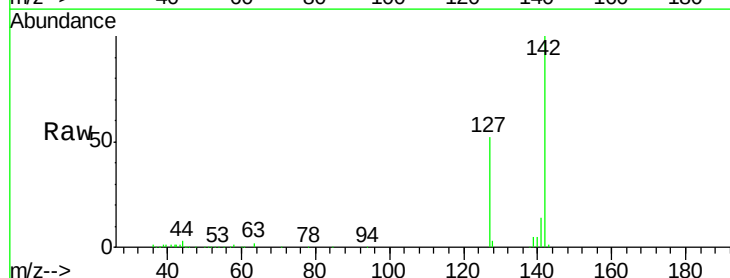
RT: 2.50 min Scan# 264

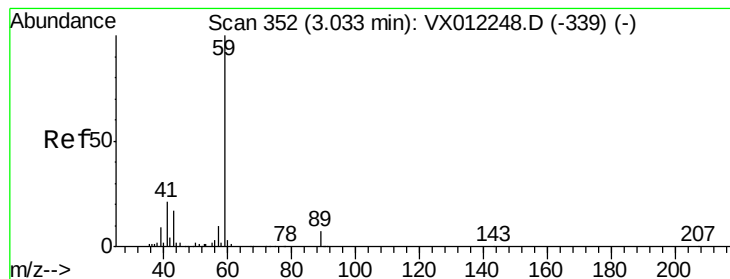
Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

Tgt Ion:	142	Resp:	35277
Ion Ratio	Lower	Upper	
142	100		
127	51.9	40.6	61.0
141	14.5	12.0	18.0





#11

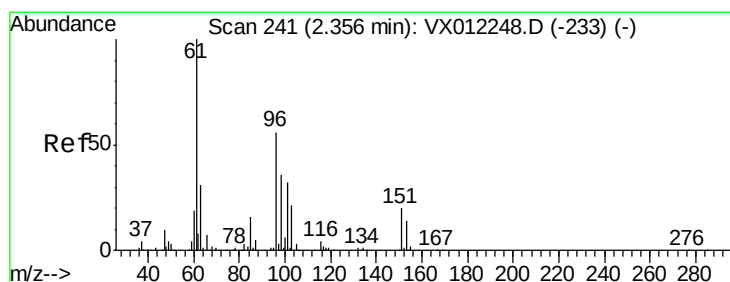
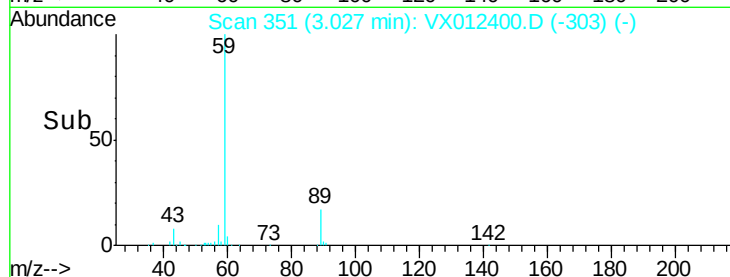
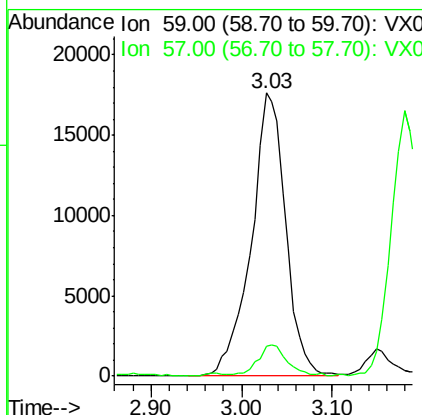
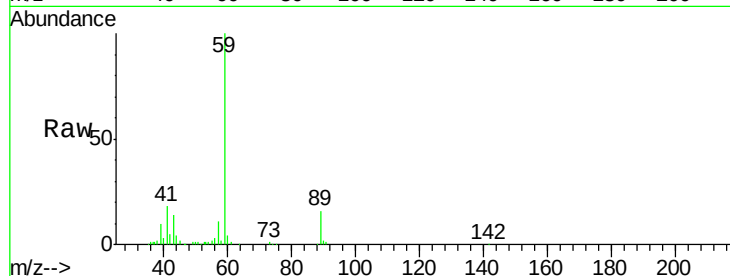
Tert butyl alcohol
Concen: 256.332 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	7.8	11.6

Manual Integrations
APPROVED

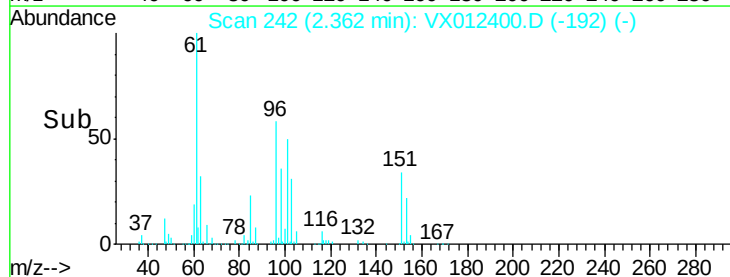
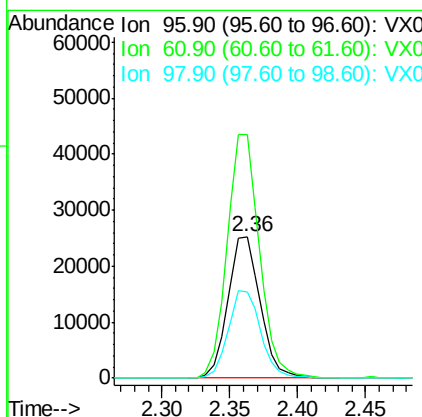
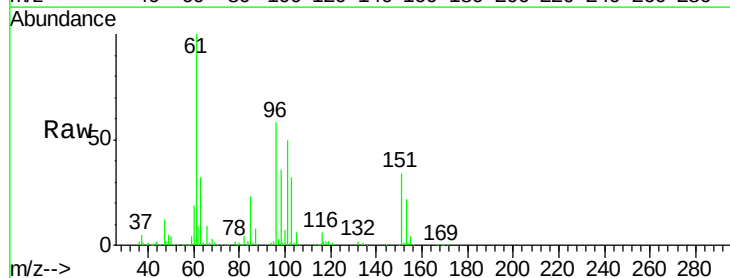
MMDadoda
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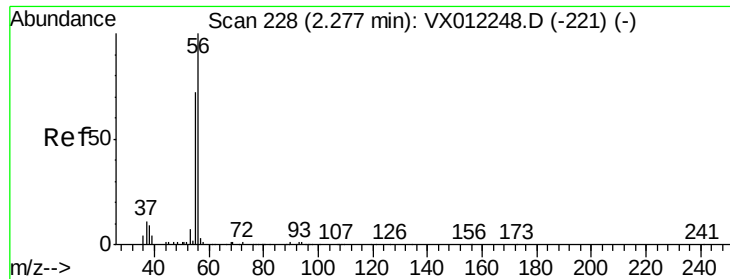


#12

1,1-Dichloroethene
Concen: 45.785 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.01 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Tgt Ion	Ratio	Lower	Upper
96	100		
61	171.8	142.2	213.2
98	61.2	51.3	76.9





#13

Acrolein

Concen: 259.492 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 23126

Ion Ratio Lower Upper

56 100

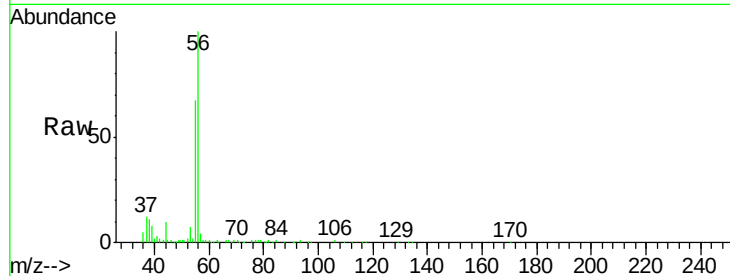
55 65.7 59.8 89.6

Manual Integrations

APPROVED

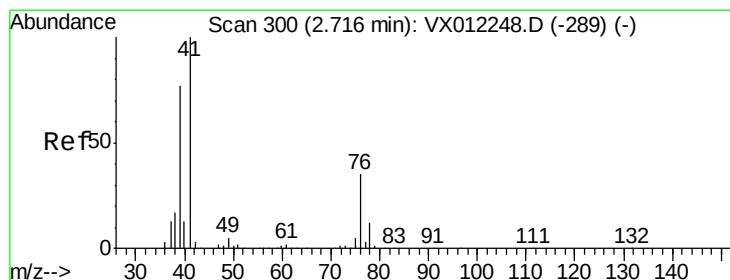
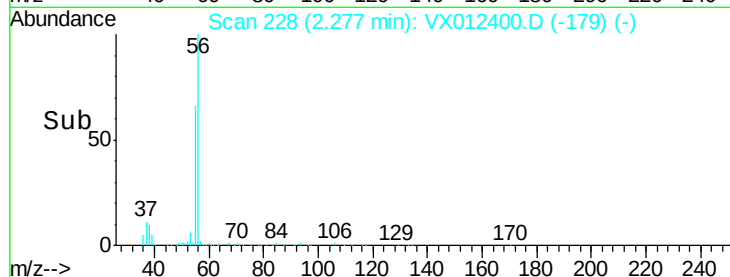
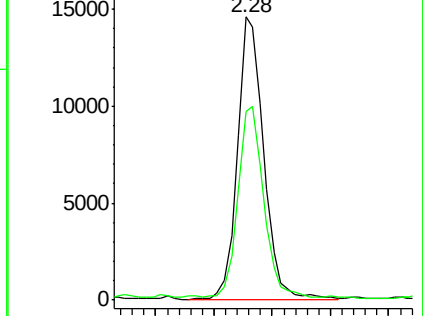
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 45.756 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

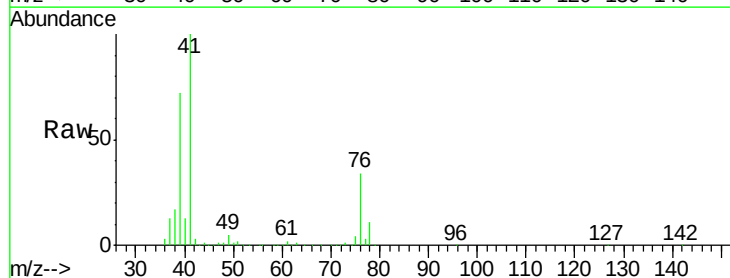
Tgt Ion: 41 Resp: 85120

Ion Ratio Lower Upper

41 100

39 69.3 58.6 87.8

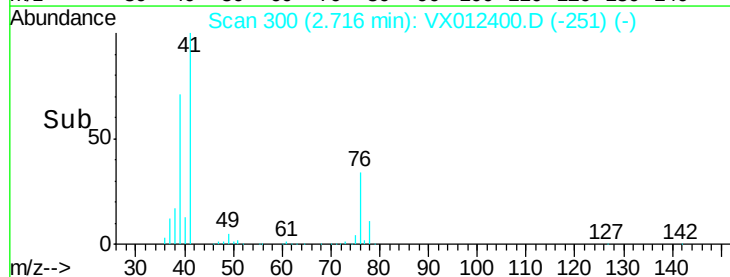
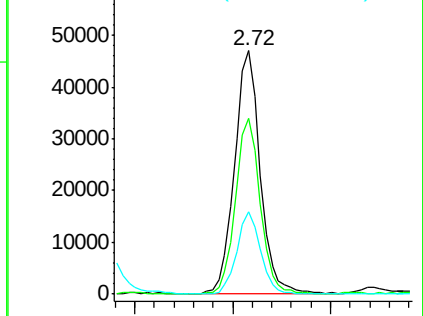
76 31.3 26.3 39.5

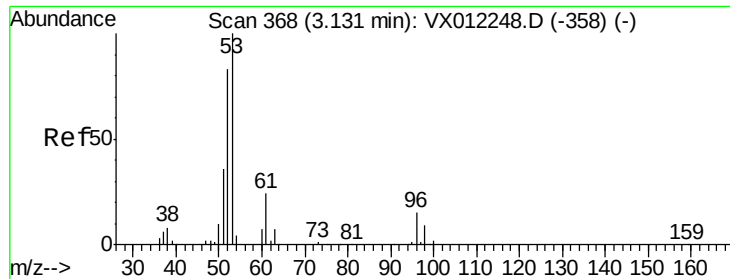


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 261.816 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

Instrument :

MSVOA_X

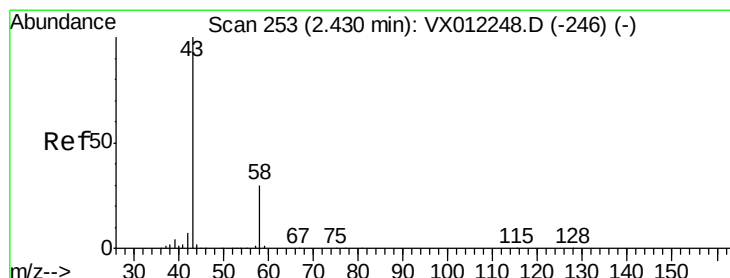
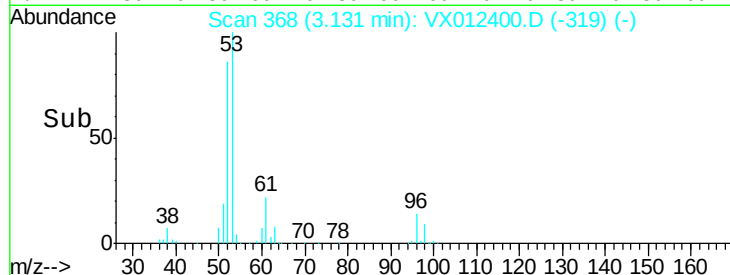
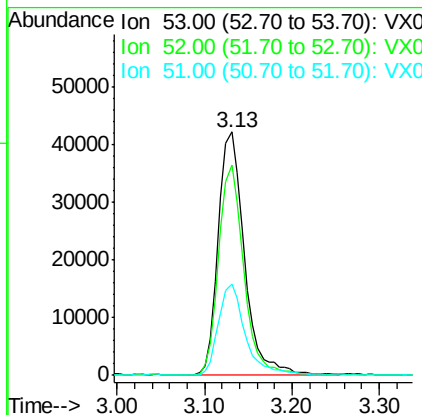
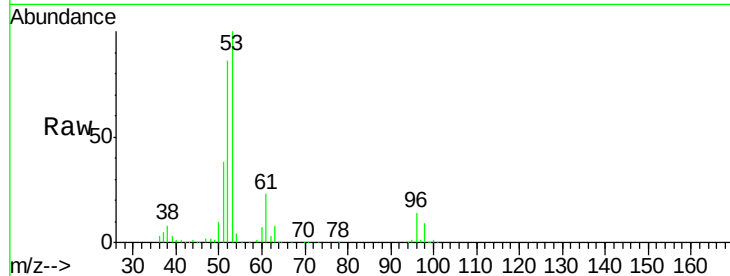
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	88069
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.8	100.2
51	39.0	30.7	46.1

Manual Integrations
APPROVED

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#16

Acetone

Concen: 196.928 ug/l

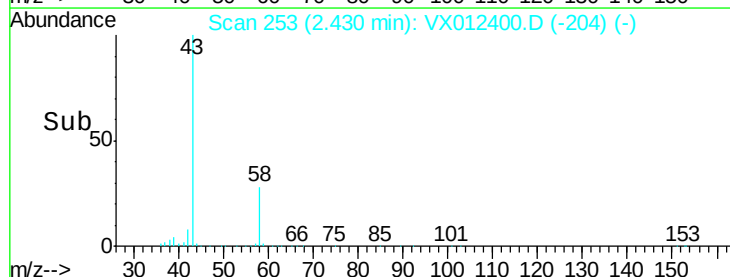
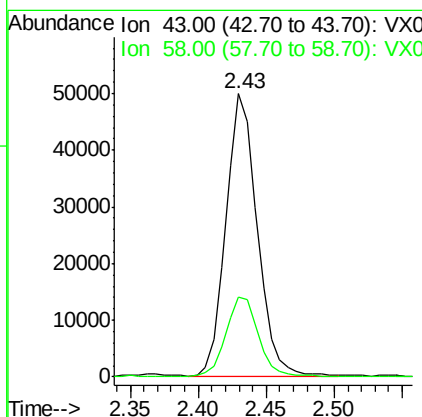
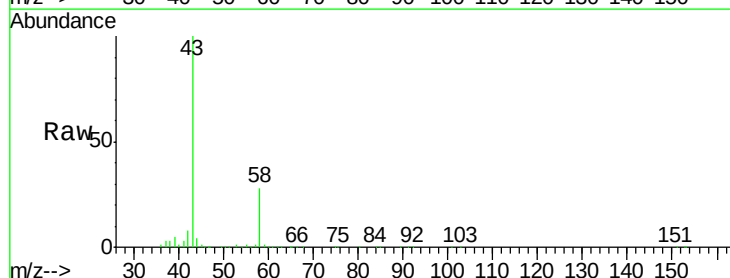
RT: 2.43 min Scan# 253

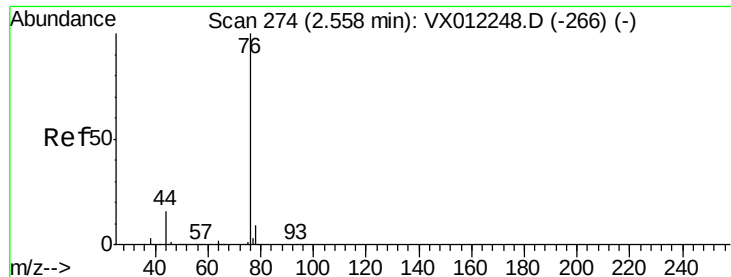
Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

Tgt Ion:	43	Resp:	79478
Ion	Ratio	Lower	Upper
43	100		
58	27.9	23.6	35.4





#17

Carbon Disulfide

Concen: 40.288 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 77196

Ion Ratio Lower Upper

76 100

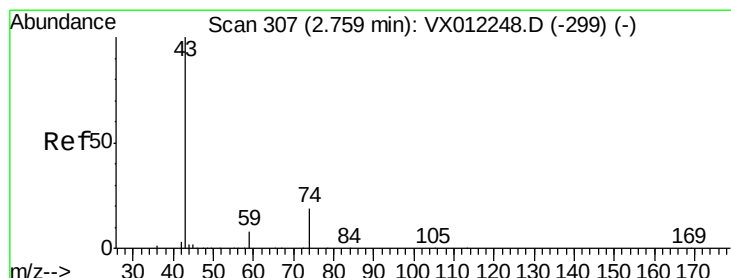
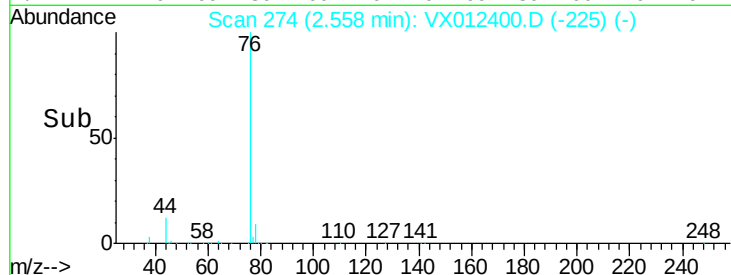
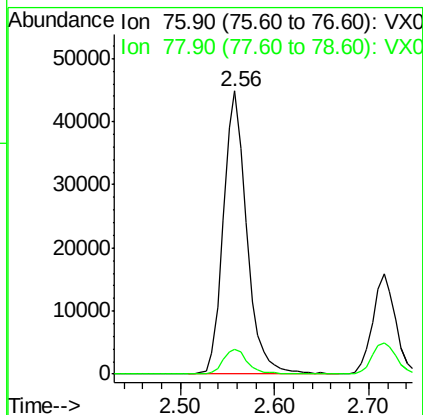
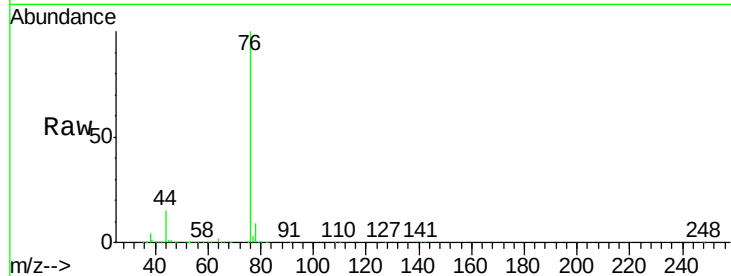
78 8.9 7.4 11.2

Manual Integrations

APPROVED

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#18

Methyl Acetate

Concen: 53.031 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.01 min

Lab File: VX012400.D

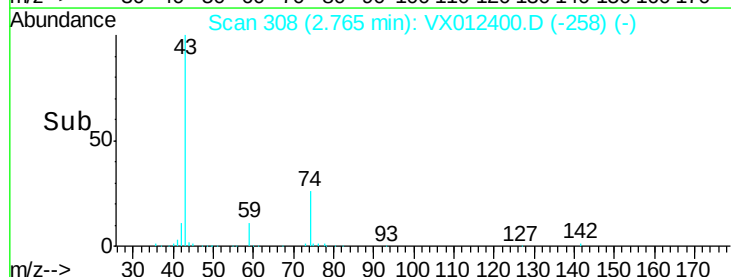
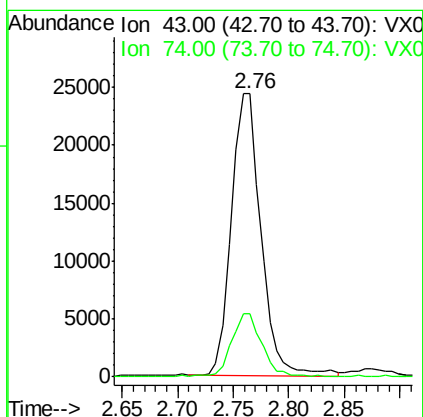
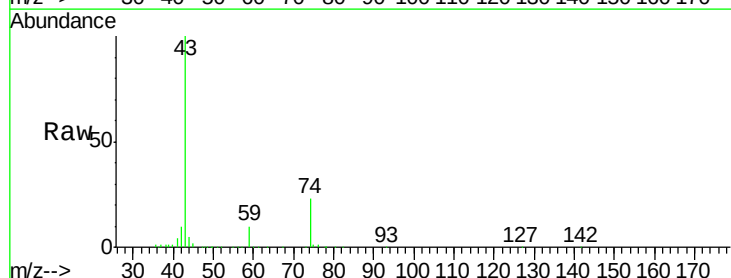
Acq: 13 Sep 2019 21:54

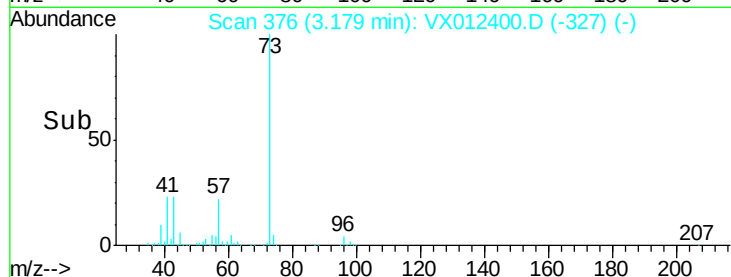
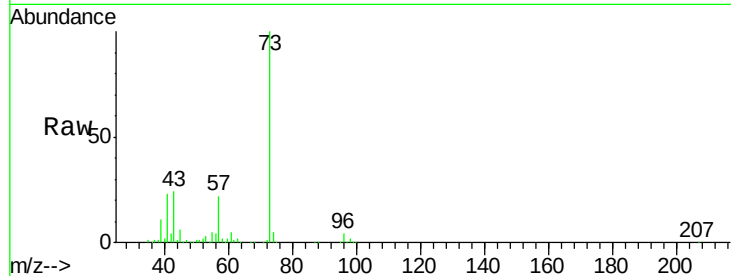
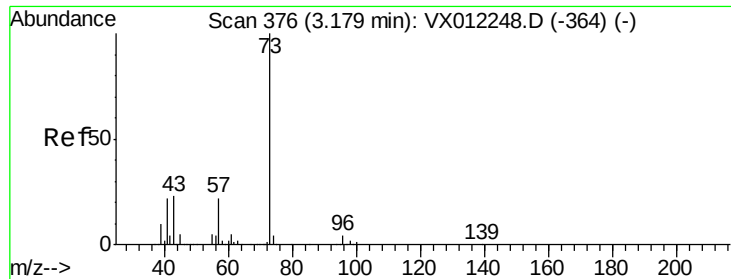
Tgt Ion: 43 Resp: 44986

Ion Ratio Lower Upper

43 100

74 23.6 18.3 27.5





#19

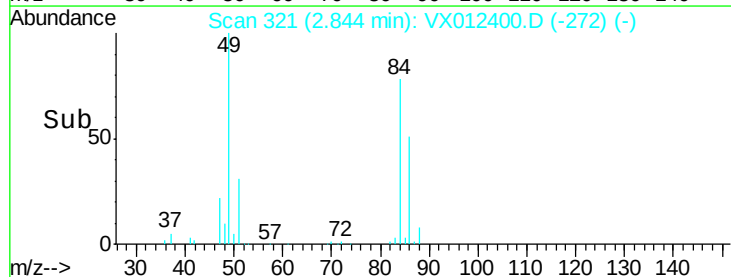
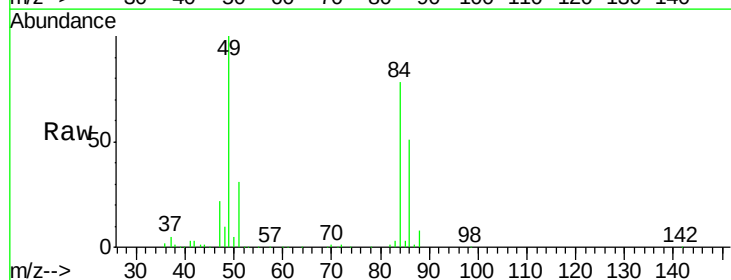
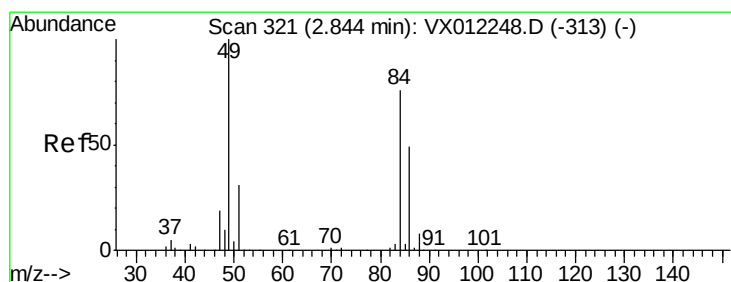
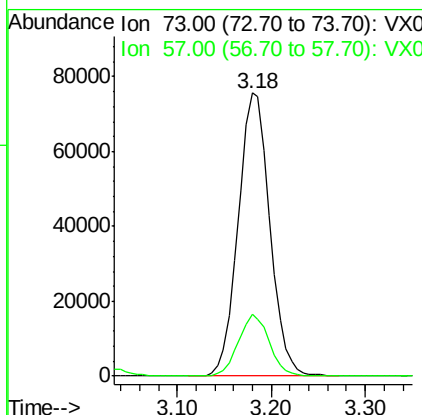
Methyl tert-butyl Ether
Concen: 49.411 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Tot Ion	73	Resp	178048
Ion Ratio	100	Lower	Upper
73	100		
57	21.8	17.7	26.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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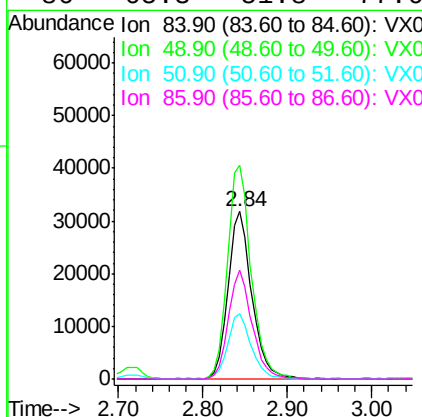
MMDadoda
9/16/2019 1:21:13 PM

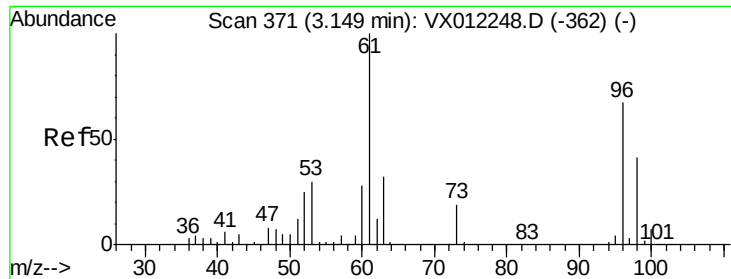


#20

Methylene Chloride
Concen: 48.526 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Tgt Ion	84	Resp	61199
Ion Ratio	100	Lower	Upper
84	100		
49	127.3	105.0	157.6
51	39.1	32.6	48.8
86	65.3	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 45.746 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

Instrument :

MSVOA_X

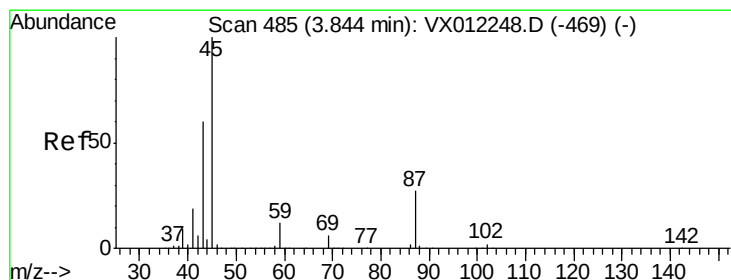
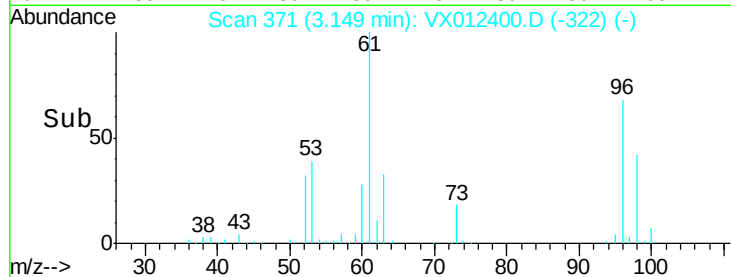
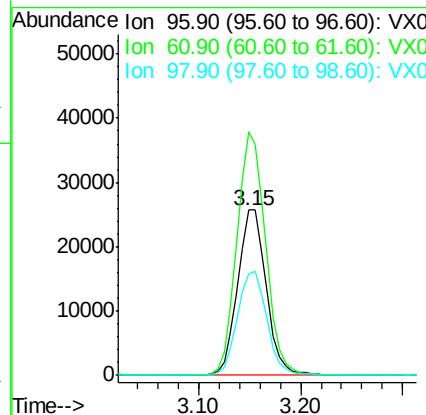
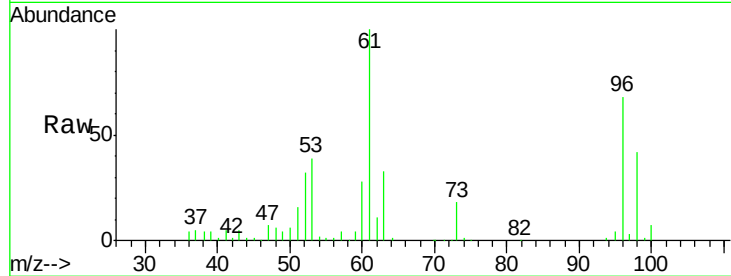
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	49801
Ion	Ratio	Lower	Upper
96	100		
61	147.2	119.4	179.2
98	61.8	48.4	72.6

Manual Integrations
APPROVED

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#22

Diisopropyl ether

Concen: 49.335 ug/l

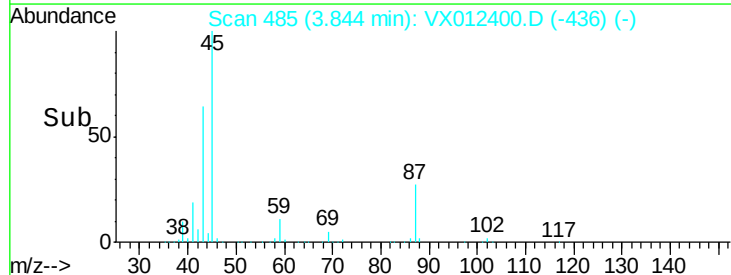
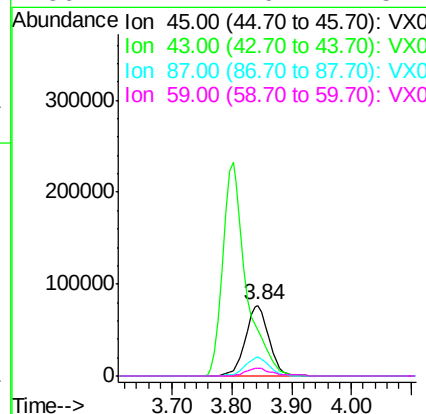
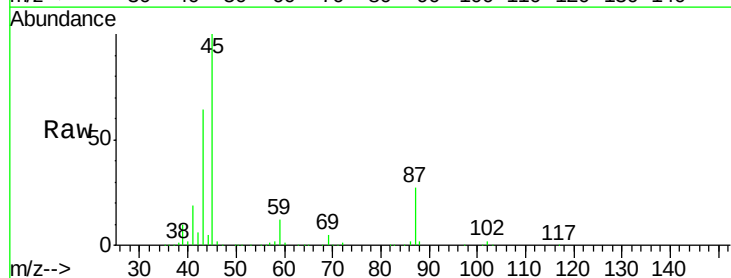
RT: 3.84 min Scan# 485

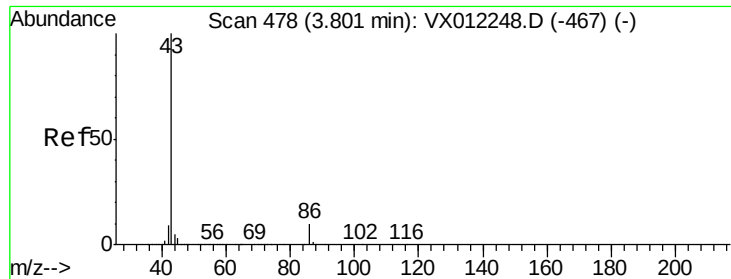
Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

Tgt Ion:	45	Resp:	209898
Ion	Ratio	Lower	Upper
45	100		
43	64.3	48.3	72.5
87	26.7	21.8	32.8
59	11.4	9.1	13.7





#23

Vinyl Acetate

Concen: 242.635 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

Tot Ion: 43 Resp: 633355

Ion Ratio Lower Upper

43 100

86 10.5 8.3 12.5

Instrument :

MSVOA_X

ClientSampled :

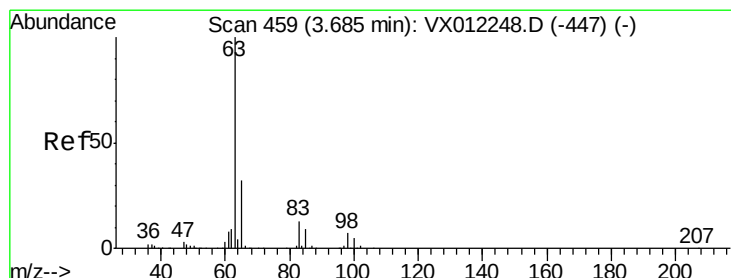
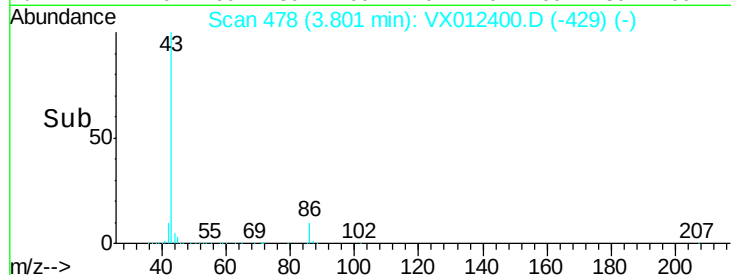
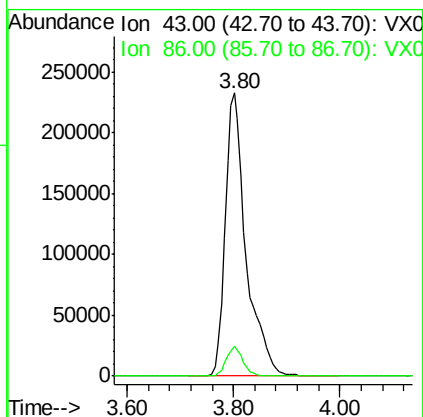
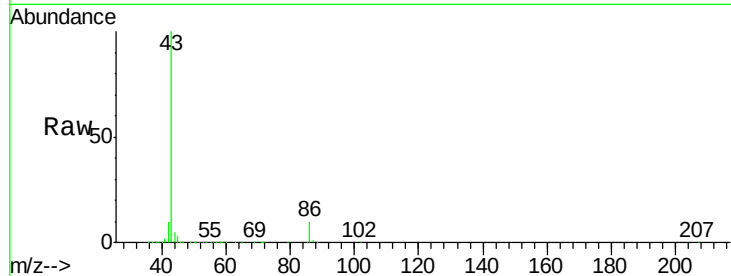
VSTDCCC050

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 47.851 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

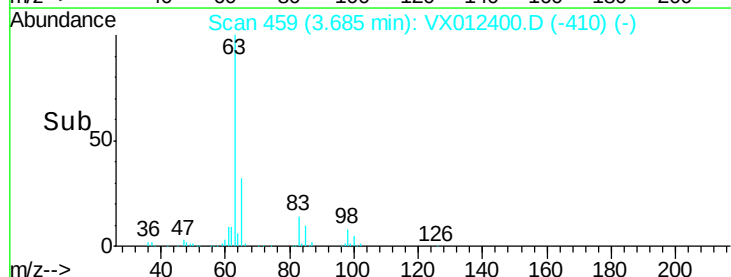
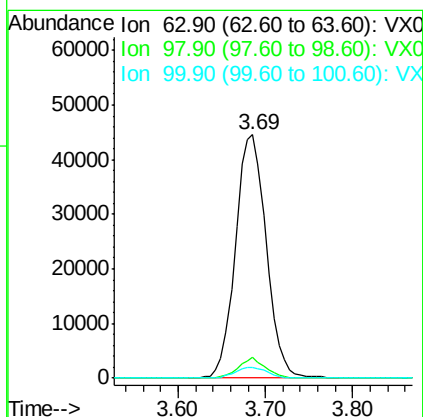
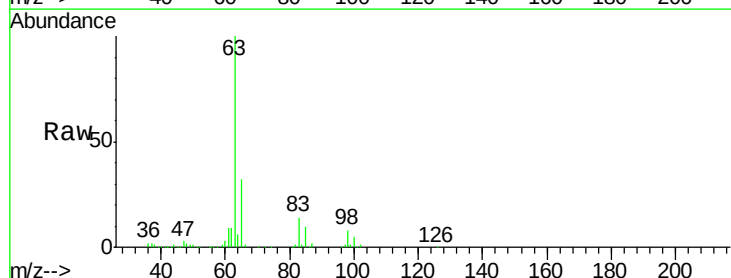
Tgt Ion: 63 Resp: 109048

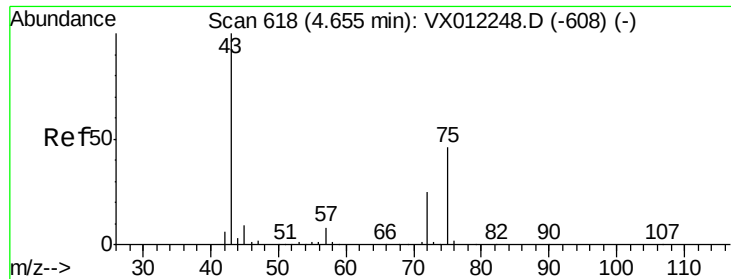
Ion Ratio Lower Upper

63 100

98 8.3 3.4 10.1

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 237.624 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 122597

Ion Ratio Lower Upper

43 100

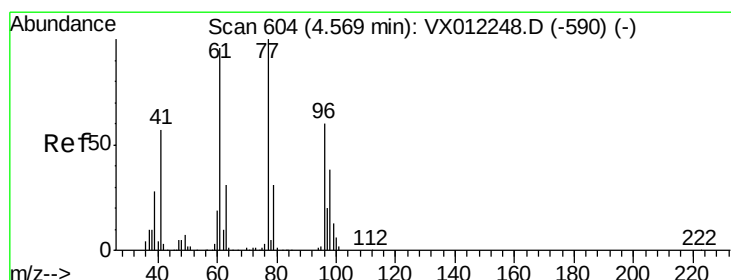
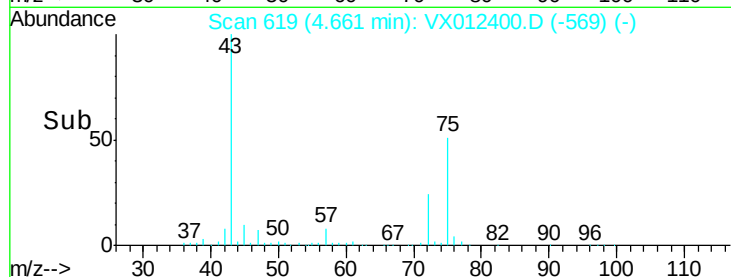
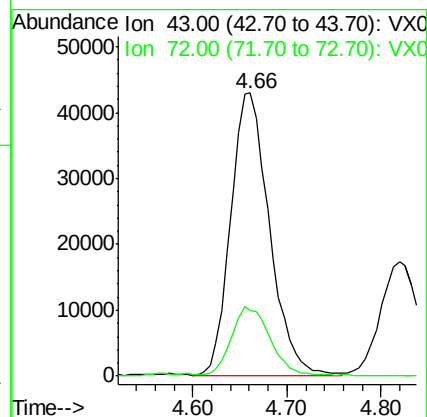
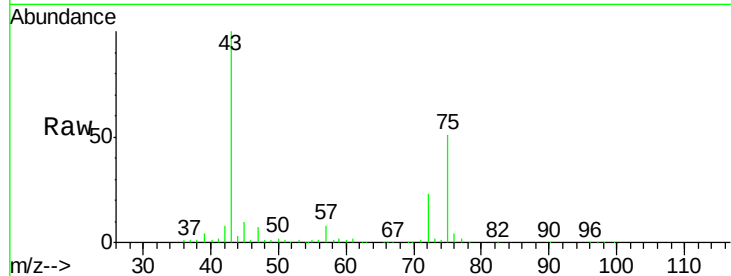
72 23.0 20.2 30.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 39.350 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX012400.D

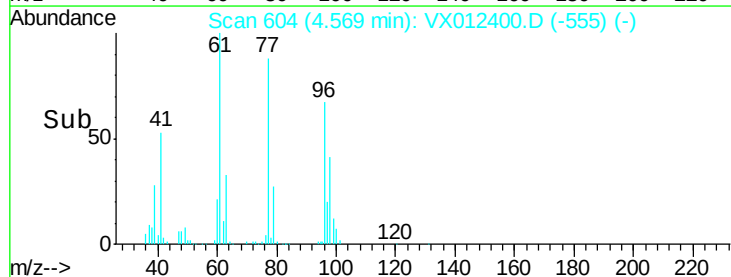
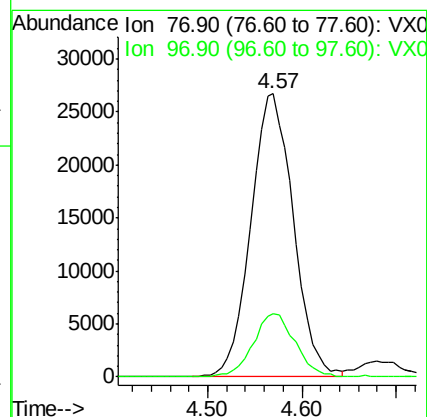
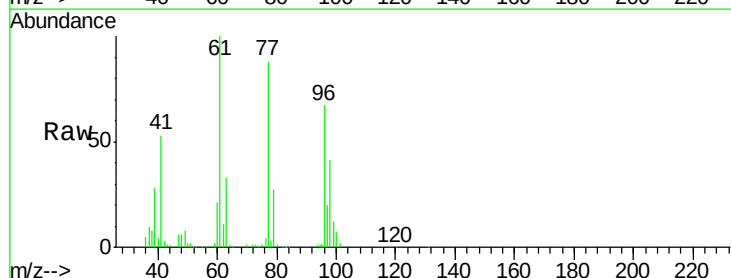
Acq: 13 Sep 2019 21:54

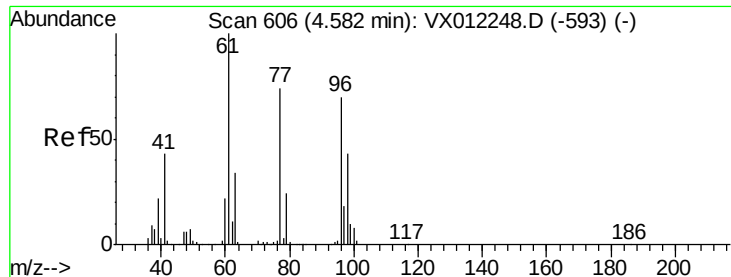
Tgt Ion: 77 Resp: 84192

Ion Ratio Lower Upper

77 100

97 22.1 10.7 32.1





#27

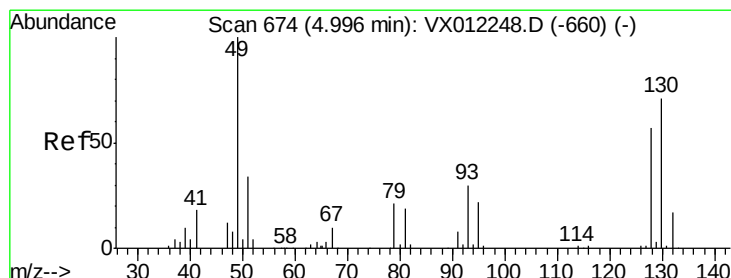
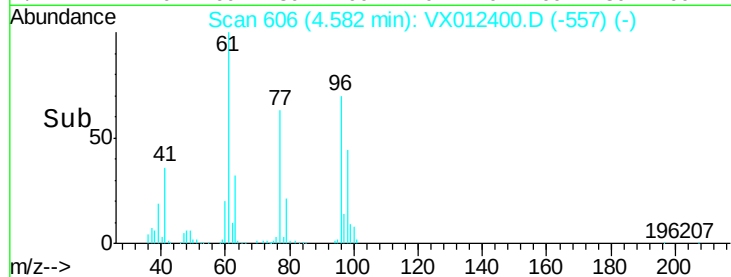
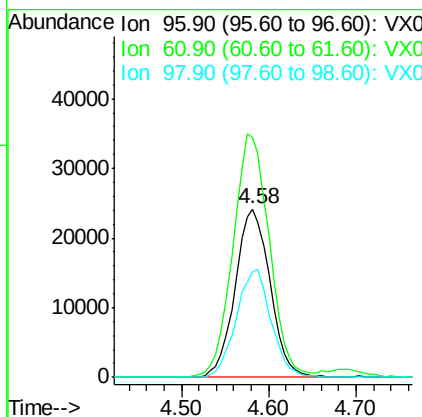
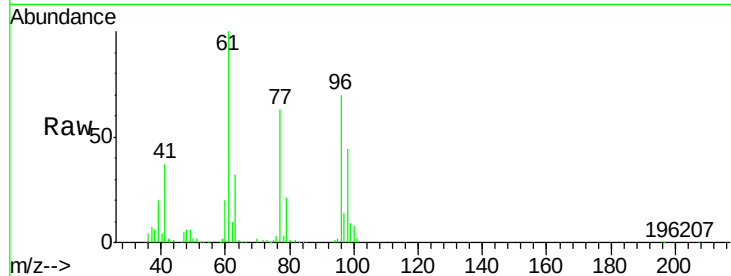
cis-1,2-Dichloroethene
 Concen: 47.860 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VX012400.D
 Acq: 13 Sep 2019 21:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.6	0.0	310.4
98	63.6	0.0	128.8

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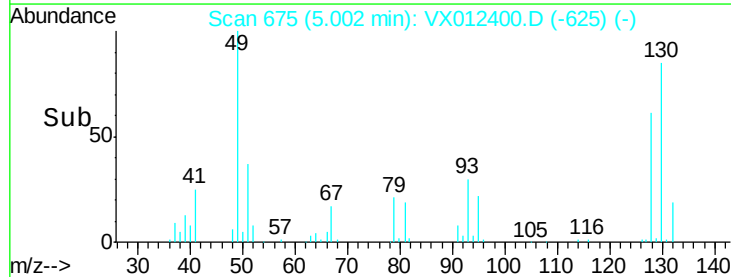
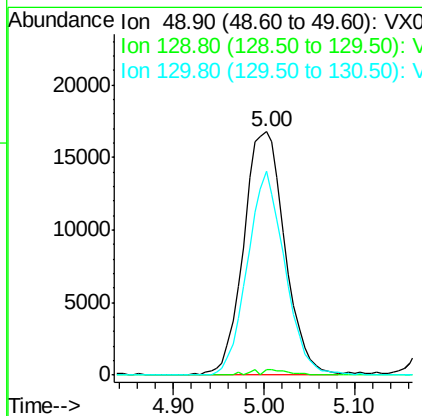
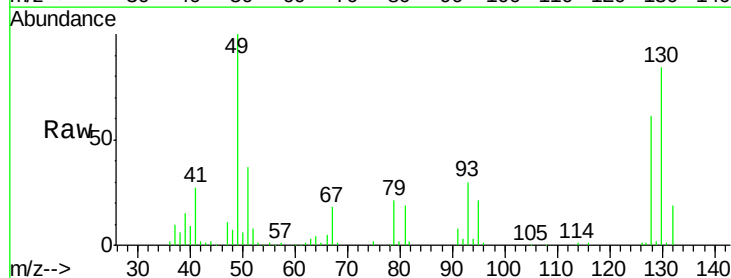
MMDadoda
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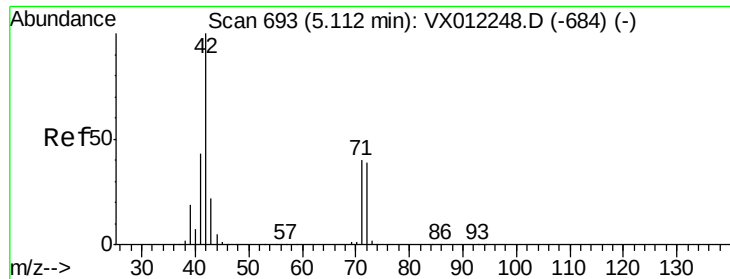


#28

Bromochloromethane
 Concen: 49.415 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. 0.01 min
 Lab File: VX012400.D
 Acq: 13 Sep 2019 21:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	5.2
130	76.2	60.1	90.1





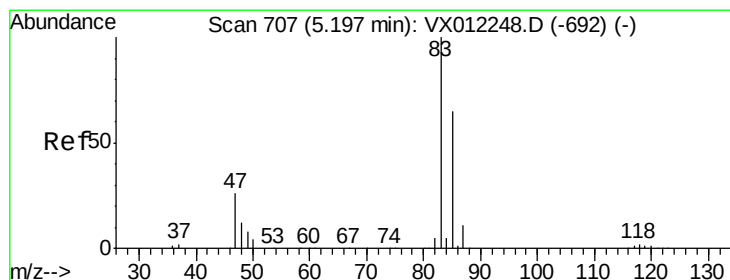
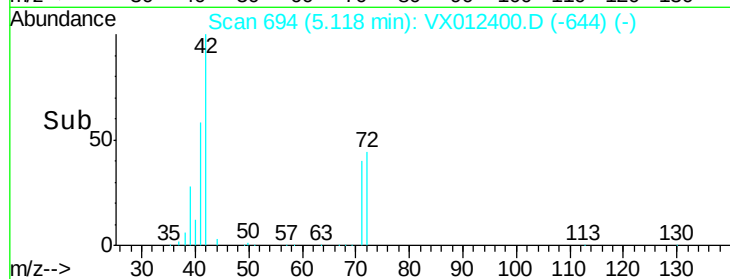
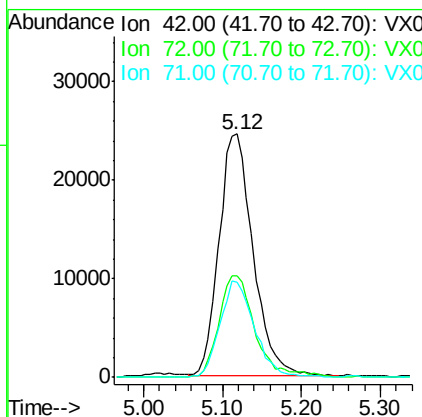
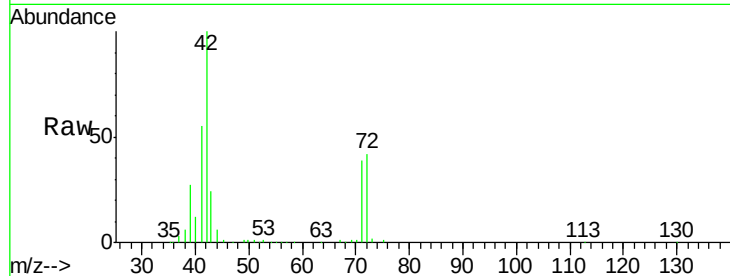
#29
Tetrahydrofuran
Concen: 264.903 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.7	35.2	52.8
71	40.4	32.5	48.7

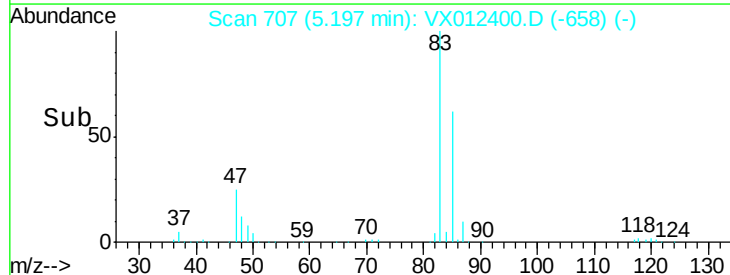
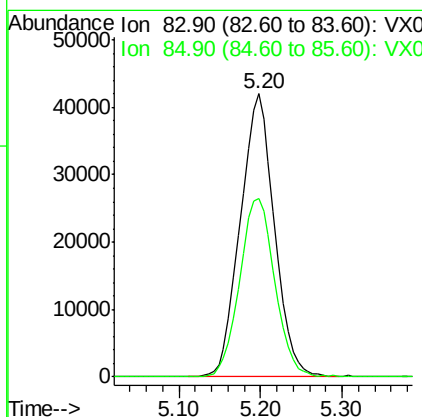
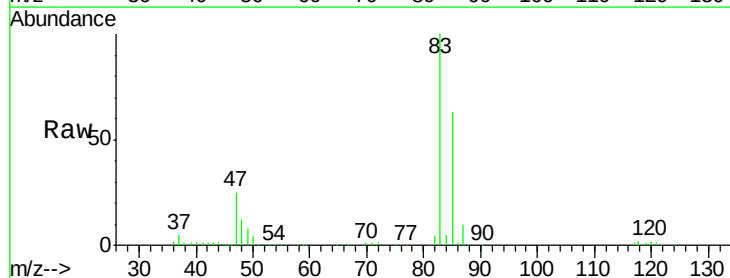
Manual Integrations
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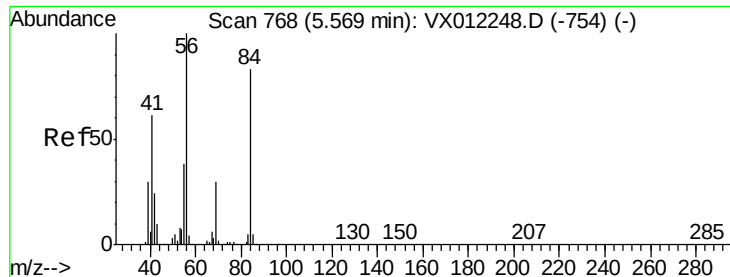
MMDadoda
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#30
Chloroform
Concen: 47.539 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.0	52.3	78.5





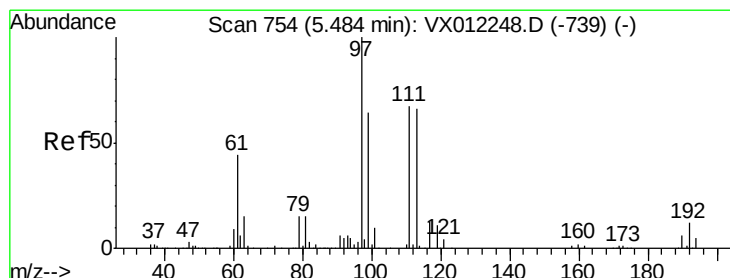
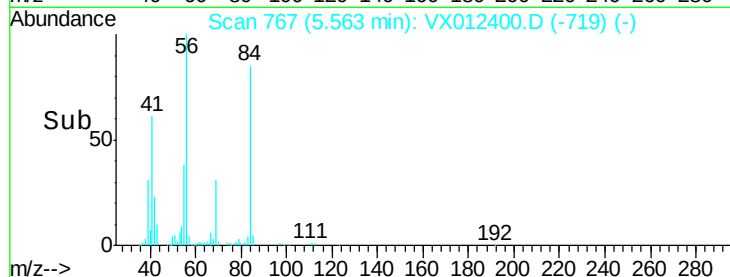
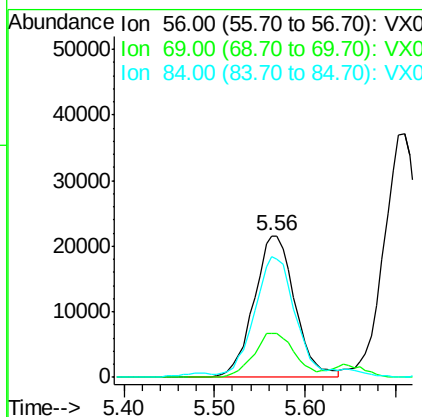
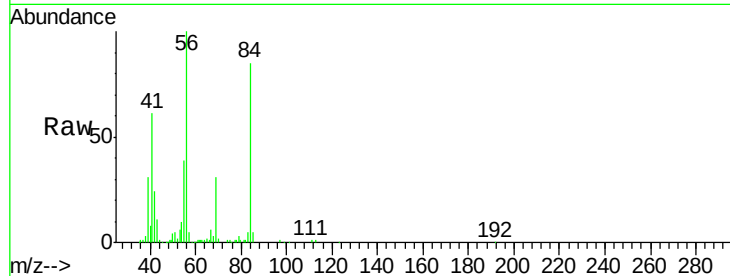
#31
Cyclohexane
Concen: 42.609 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.3	23.8	35.6
84	82.5	66.6	100.0

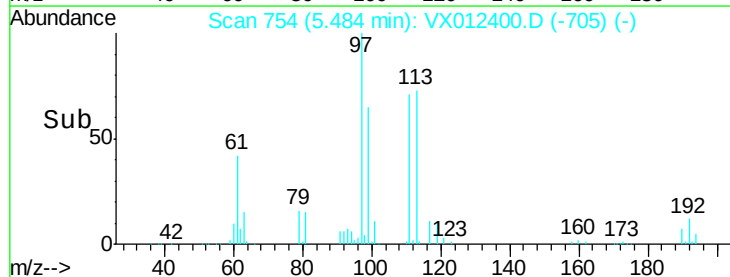
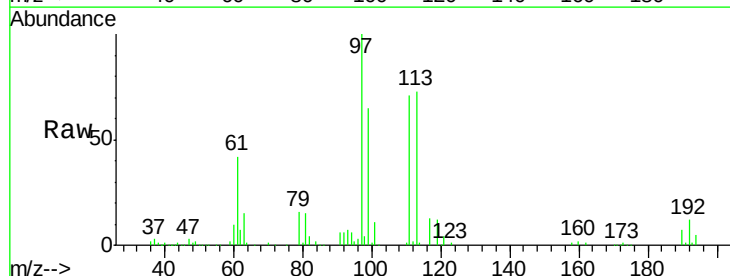
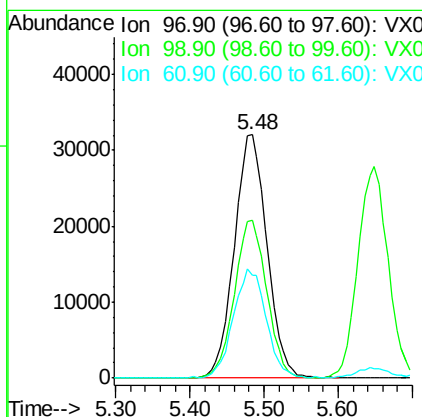
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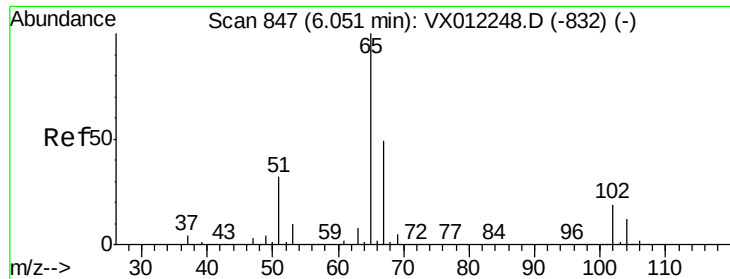
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 44.797 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.3	76.9
61	44.0	35.4	53.0





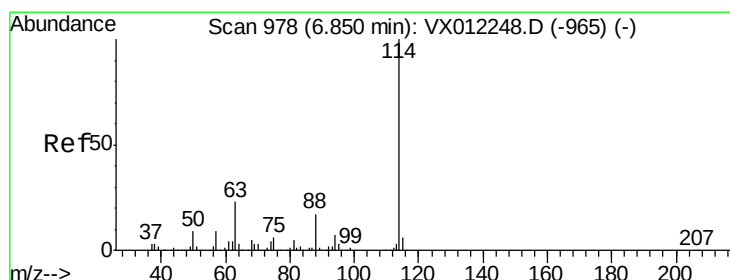
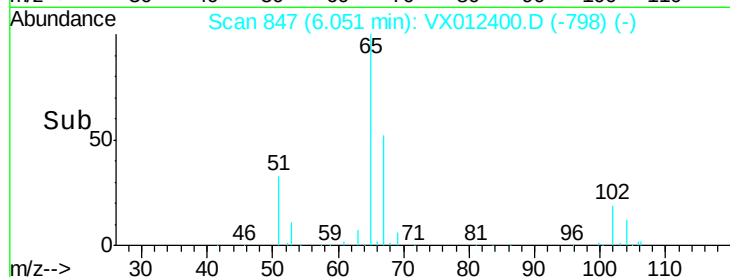
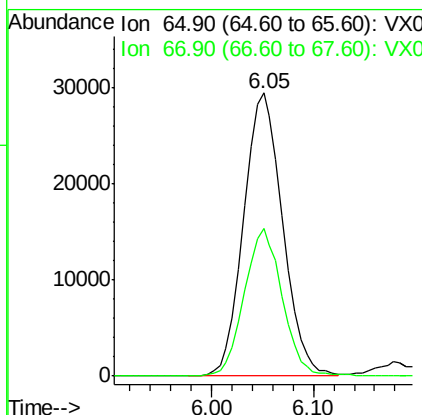
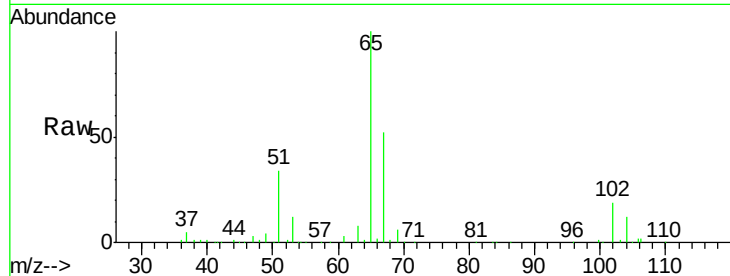
#33
 1,2-Dichloroethane-d4
 Concen: 46.027 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012400.D
 Acq: 13 Sep 2019 21:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	99.8

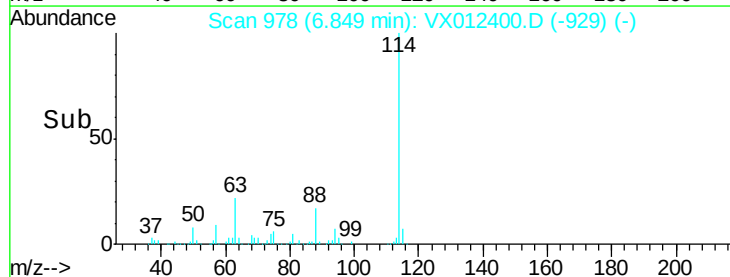
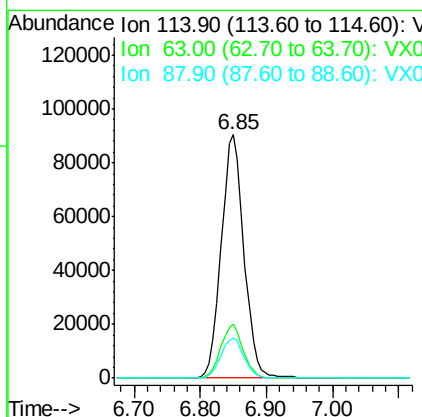
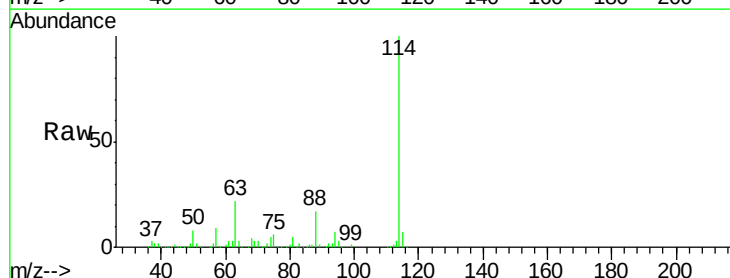
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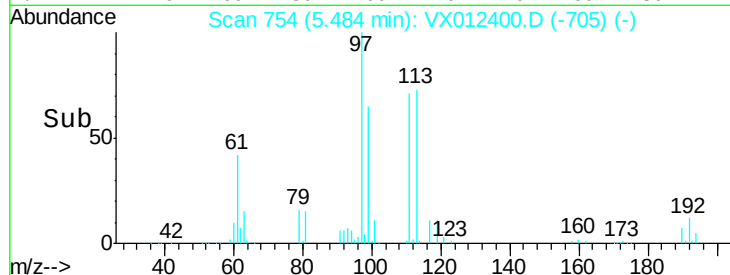
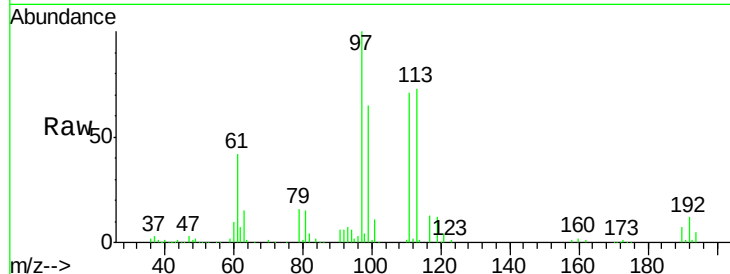
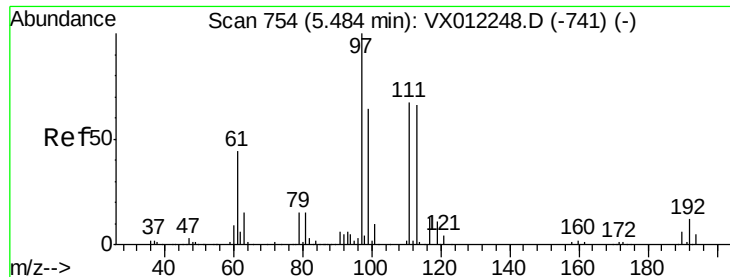
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 9/16/2019 1:21:13 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012400.D
 Acq: 13 Sep 2019 21:54

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	45.2
88	16.6	0.0	34.8





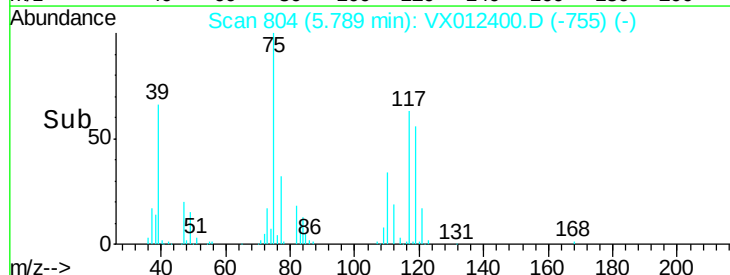
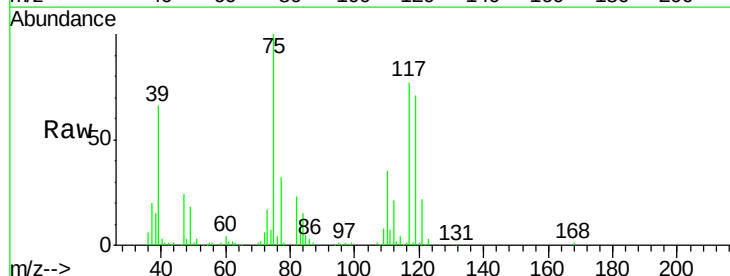
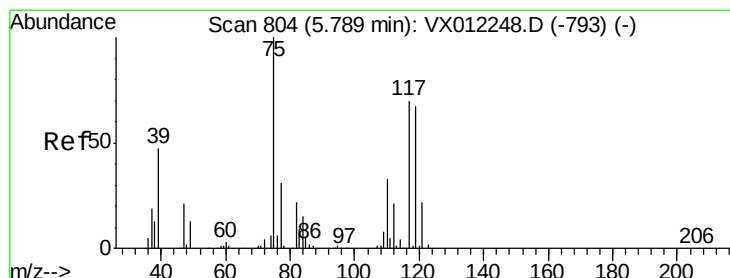
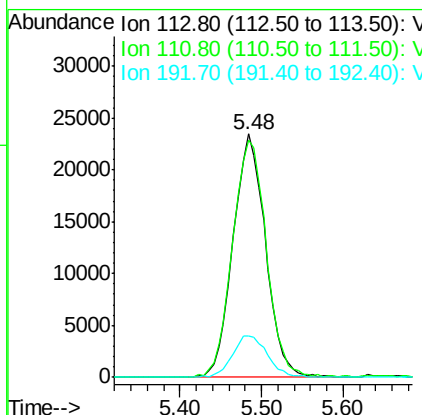
#35
Dibromofluoromethane
Concen: 47.053 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Tot Ion	Ratio	Resp	Lower	Upper
113	100	64649		
111	101.8	83.0	124.6	
192	18.5	14.3	21.5	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

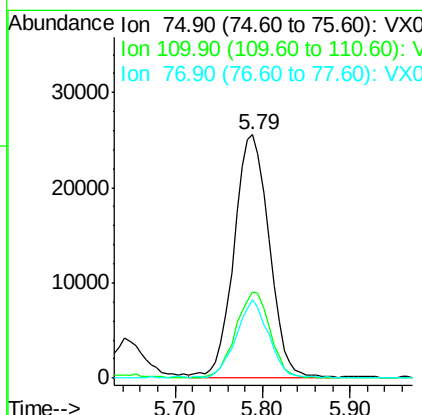
Manual Integrations
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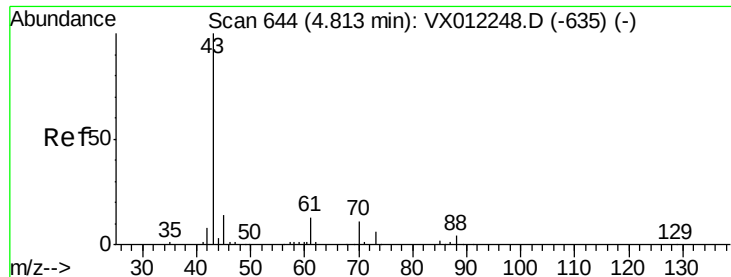
MMDadoda
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#36
1,1-Dichloropropene
Concen: 45.274 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	70756		
110	35.2	16.8	50.4	
77	29.4	24.5	36.7	





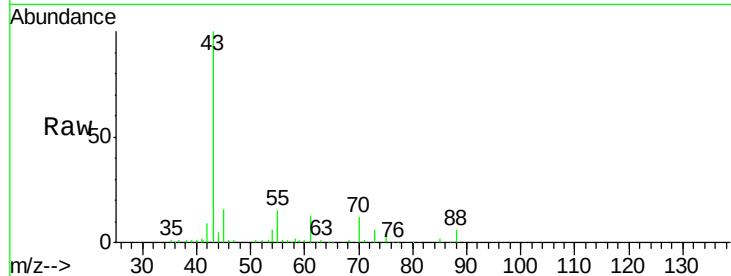
#37
Ethyl Acetate
Concen: 52.245 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.01 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.3	15.5
70	11.6	9.1	13.7

Manual Integrations
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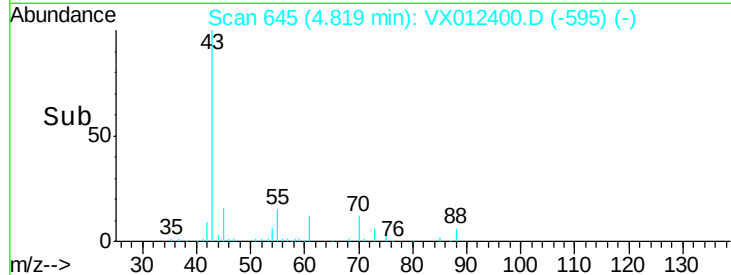


Abundance Ion 43.00 (42.70 to 43.70): VX012248.D (-635) (-)

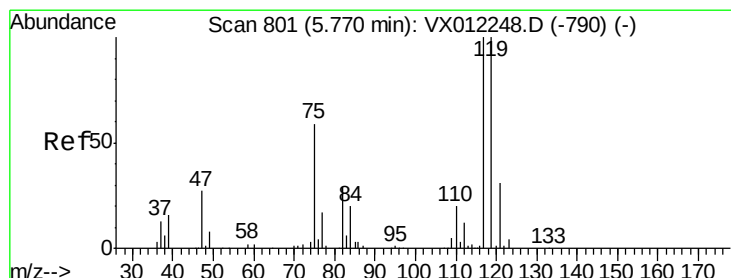
Ion 60.90 (60.60 to 61.60): VX012248.D (-635) (-)

Ion 70.00 (69.70 to 70.70): VX012248.D (-635) (-)

Time-->

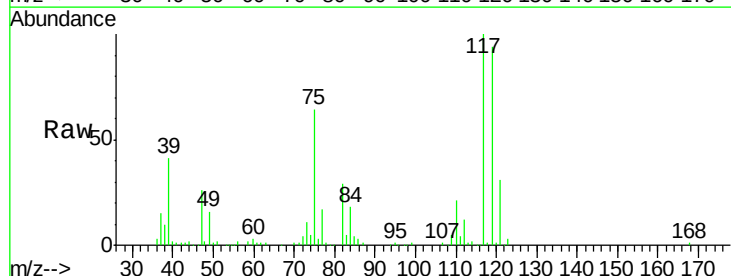


Time-->



#38
Carbon Tetrachloride
Concen: 42.406 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	79.6	119.4
121	30.6	24.7	37.1

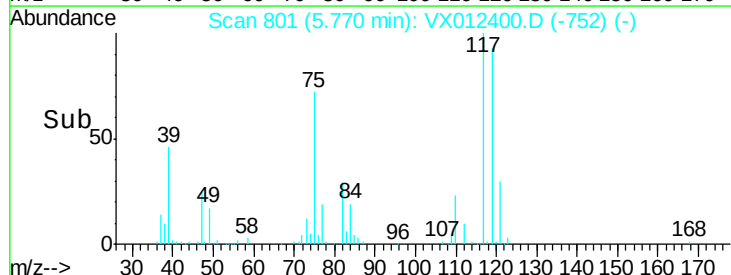


Abundance Ion 116.80 (116.50 to 117.50): VX012248.D (-790) (-)

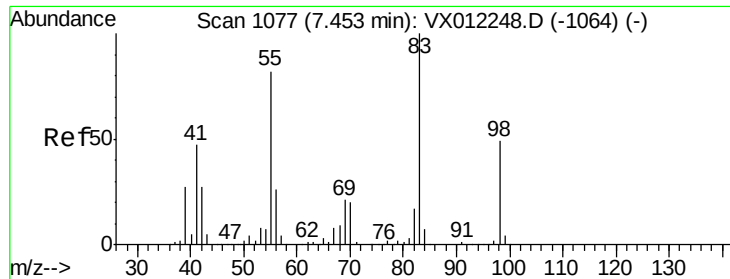
Ion 118.80 (118.50 to 119.50): VX012248.D (-790) (-)

Ion 120.80 (120.50 to 121.50): VX012248.D (-790) (-)

Time-->



Time-->



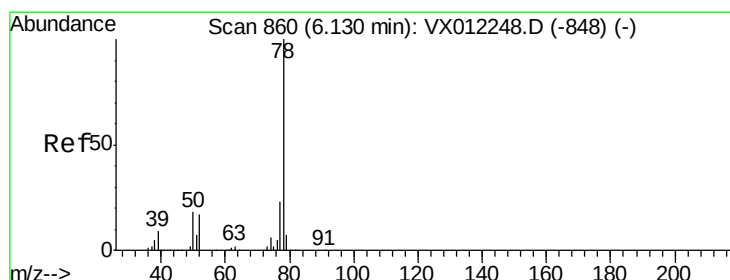
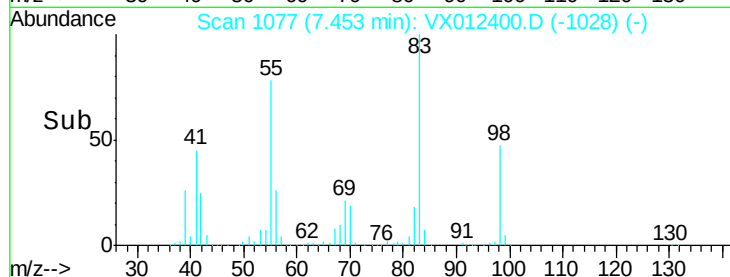
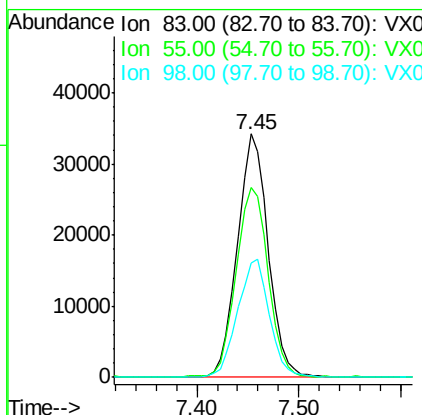
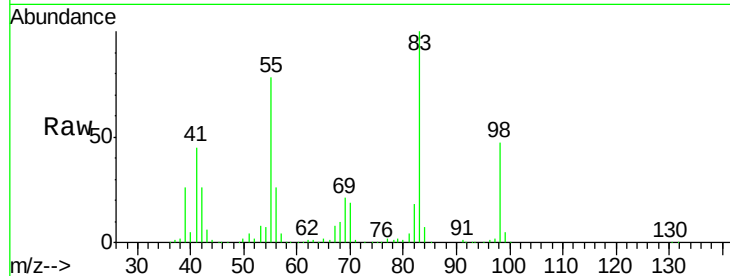
#39
Methylvlcyclohexane
Concen: 41.837 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.7	65.4	98.2
98	47.0	39.6	59.4

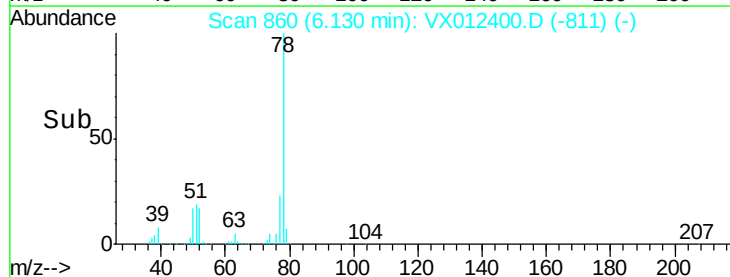
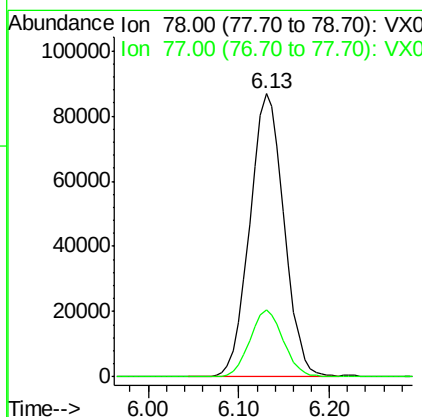
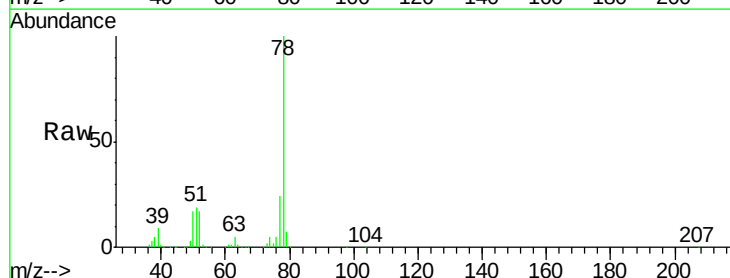
Manual Integrations
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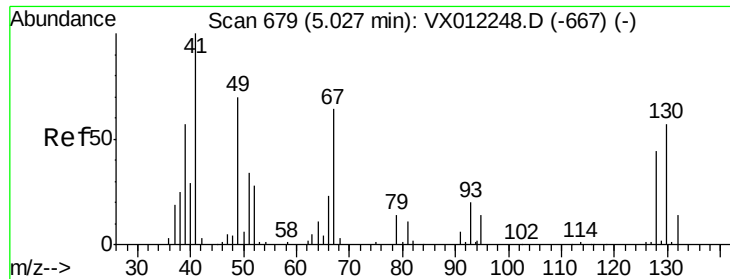
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#40
Benzene
Concen: 47.926 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.0	27.0





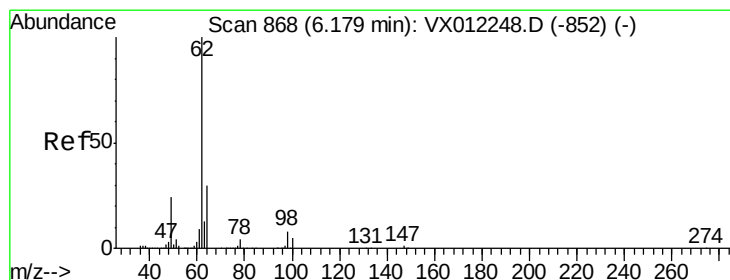
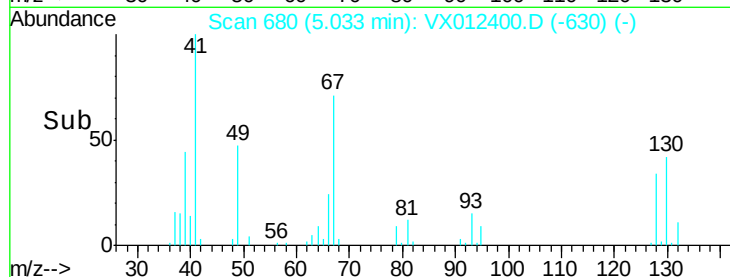
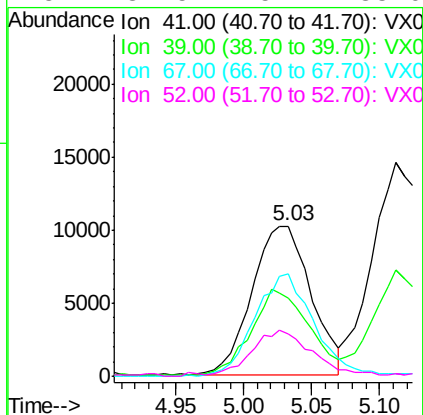
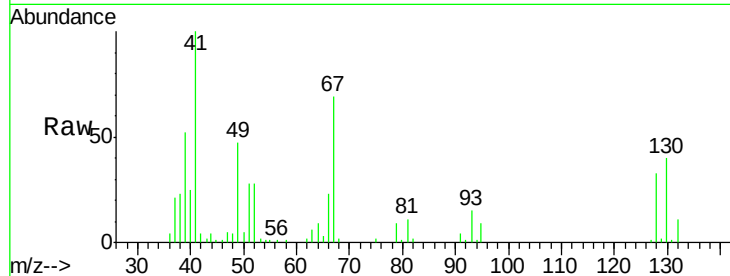
#41
Methacrylonitrile
Concen: 51.678 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	30778
Ion Ratio	Lower	Upper	
41	100		
39	56.5	49.0	73.4
67	70.1	55.0	82.4
52	32.5	25.4	38.0

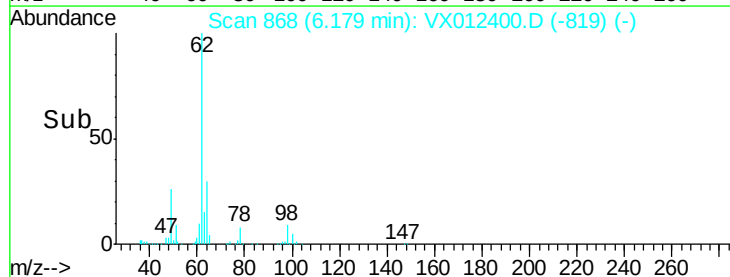
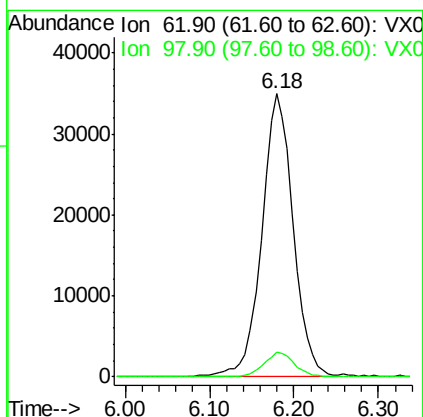
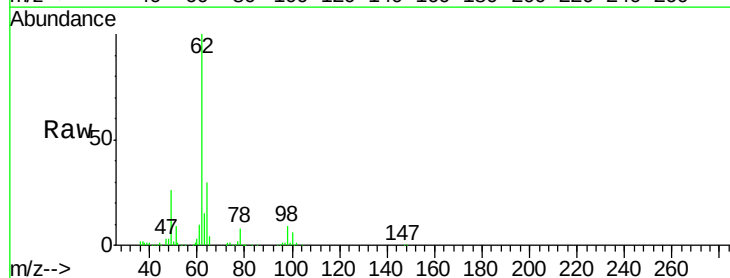
Manual Integrations
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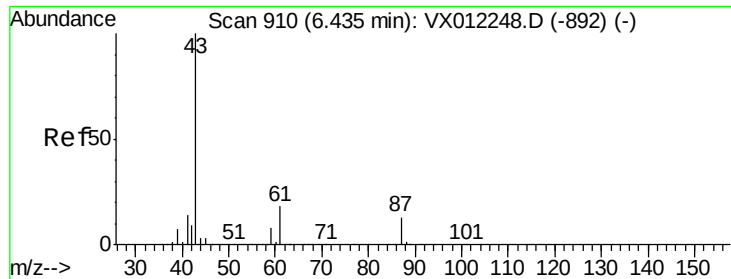
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#42
1,2-Dichloroethane
Concen: 48.066 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Tgt Ion:	62	Resp:	89859
Ion Ratio	Lower	Upper	
62	100		
98	8.7	0.0	17.2





#43

Isopropyl Acetate

Concen: 49.049 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

Instrument :

MSVOA_X

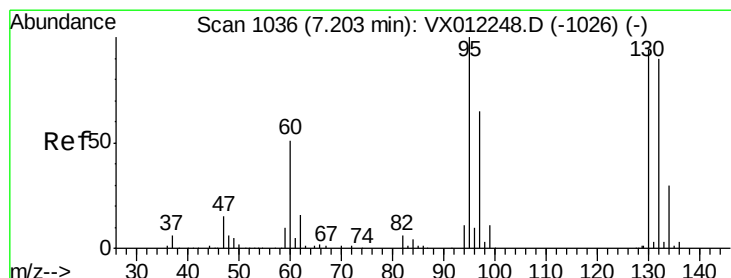
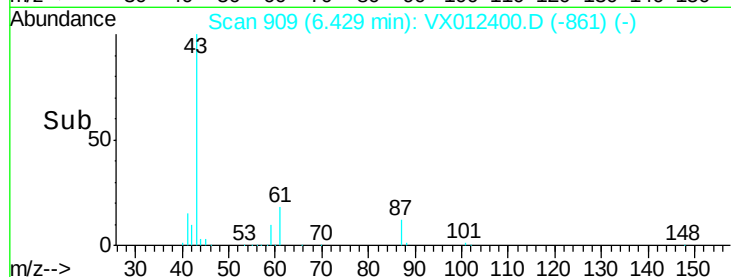
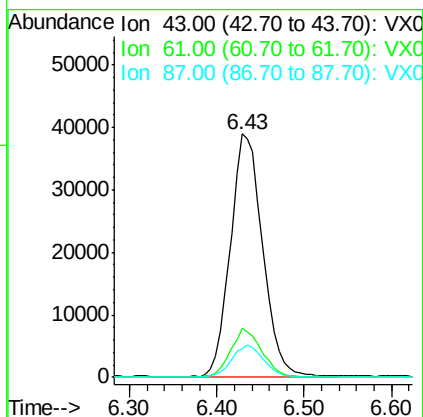
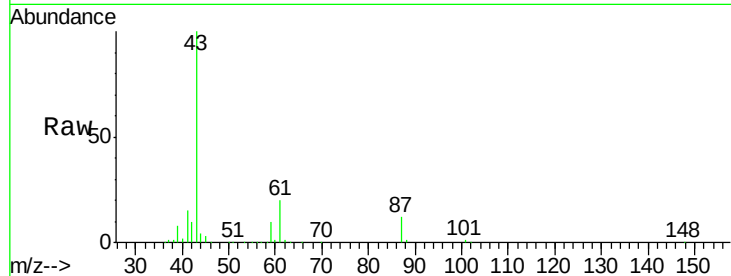
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	99904
Ion Ratio	Lower	Upper	
43	100		
61	19.4	15.4	23.2
87	13.1	10.5	15.7

Manual Integrations
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#44

Trichloroethene

Concen: 46.779 ug/l

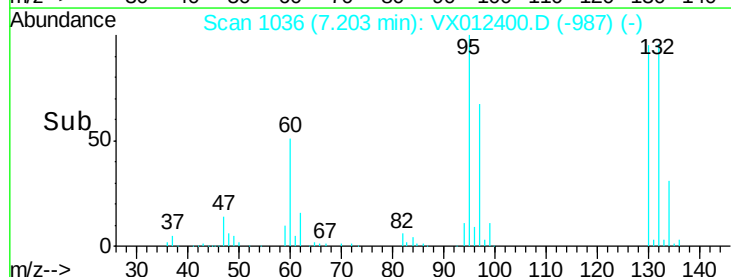
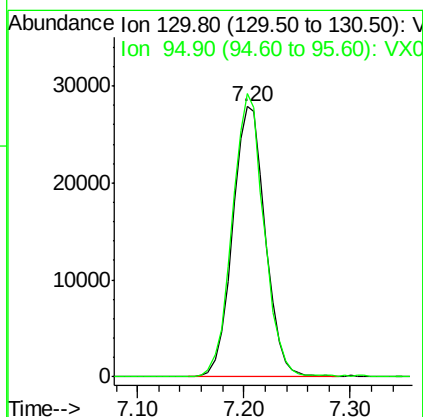
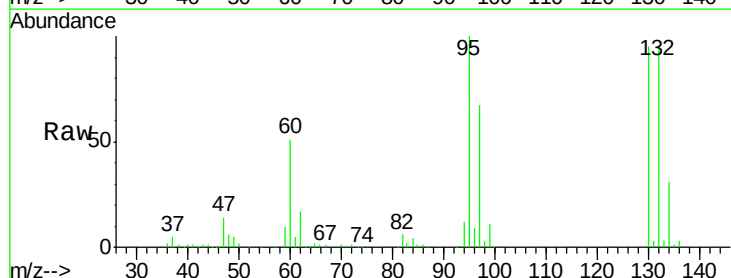
RT: 7.20 min Scan# 1036

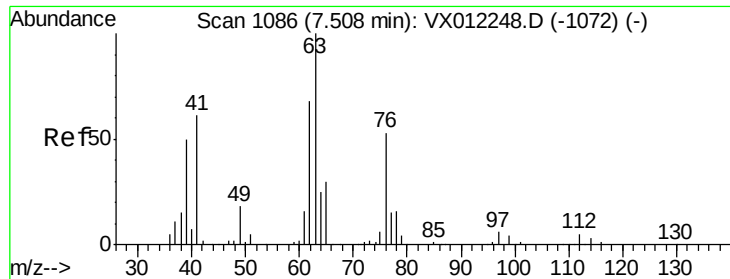
Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

Tgt Ion:	130	Resp:	59881
Ion Ratio	Lower	Upper	
130	100		
95	104.8	0.0	212.0





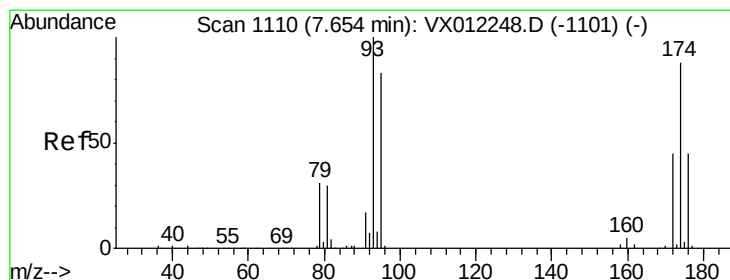
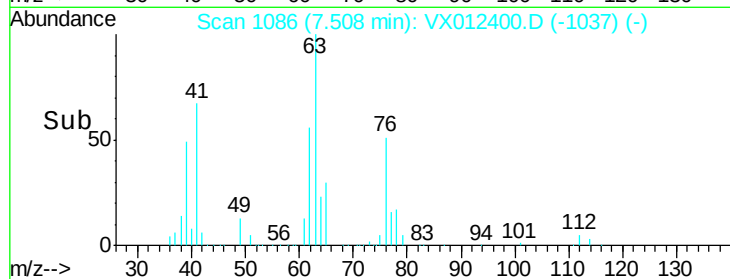
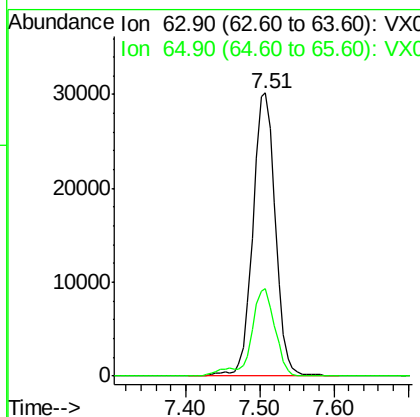
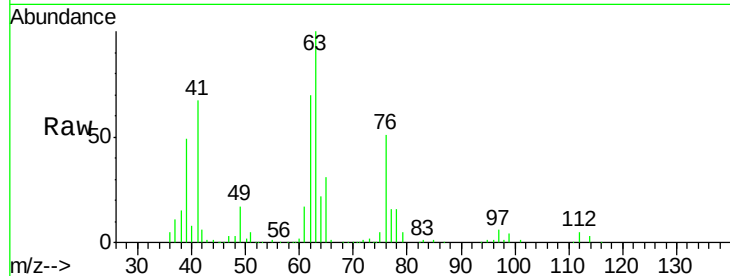
#45
 1,2-Dichloropropane
 Concen: 49.034 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX012400.D
 Acq: 13 Sep 2019 21:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.8	24.3	36.5

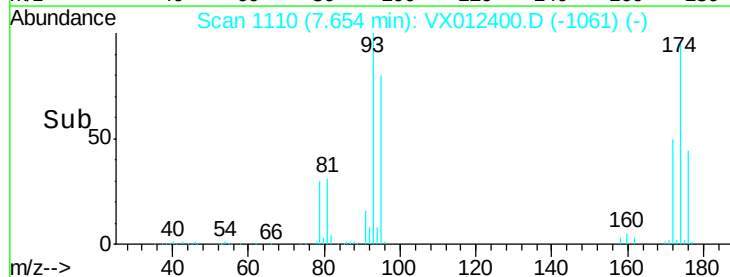
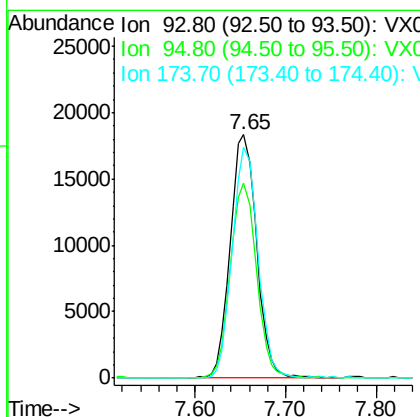
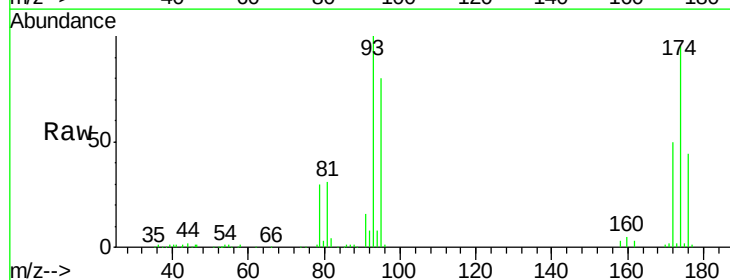
Manual Integrations
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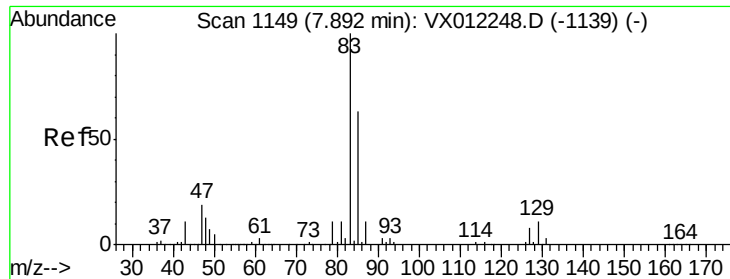
MMDadoda
 9/16/2019 1:21:13 PM



#46
 Dibromomethane
 Concen: 52.148 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012400.D
 Acq: 13 Sep 2019 21:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	79.4	65.7	98.5
174	91.6	71.0	106.4





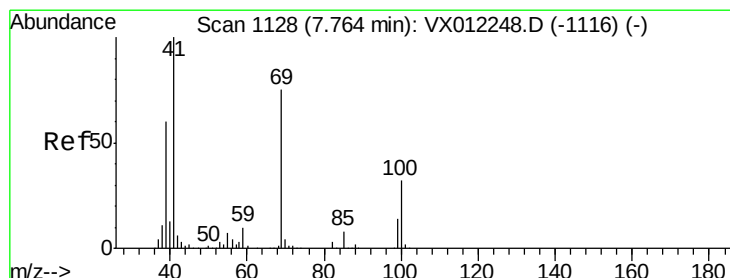
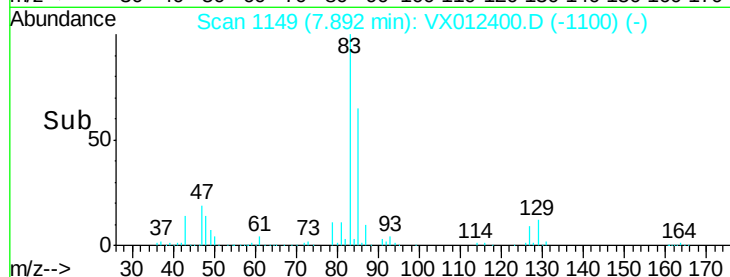
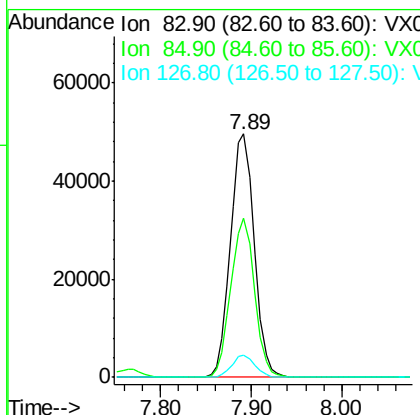
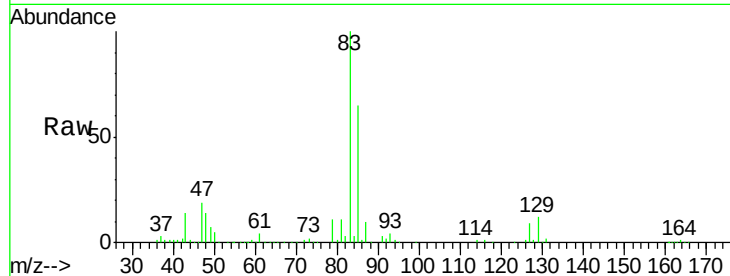
#47
 Bromodichloromethane
 Concen: 46.417 ug/l
 RT: 7.89 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: VX012400.D
 Acq: 13 Sep 2019 21:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	90642		
85	65.1	50.2	75.4	
127	9.1	6.3	9.5	

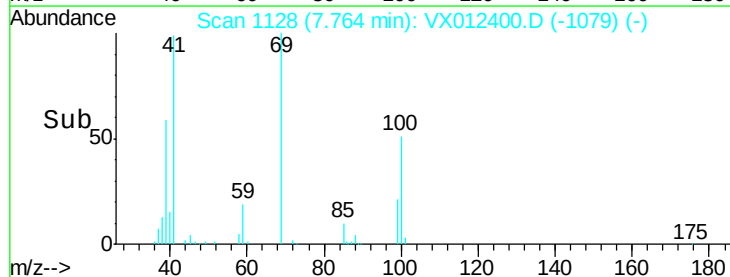
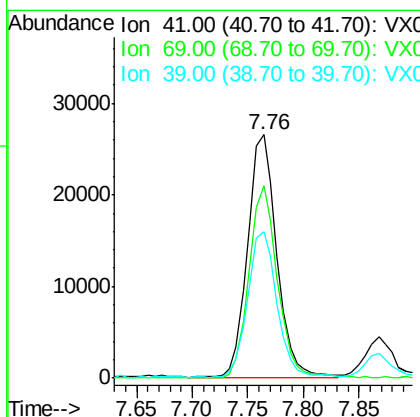
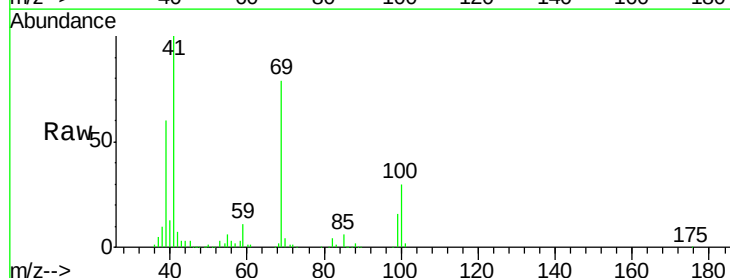
Manual Integrations
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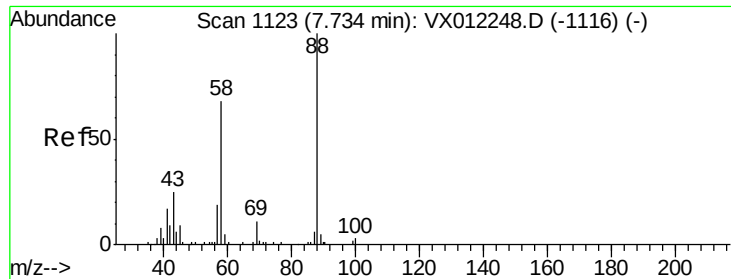
MMDadoda
 9/16/2019 1:21:13 PM



#48
 Methyl methacrylate
 Concen: 49.530 ug/l
 RT: 7.76 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: VX012400.D
 Acq: 13 Sep 2019 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	48289		
69	78.1	61.8	92.6	
39	60.6	48.6	73.0	





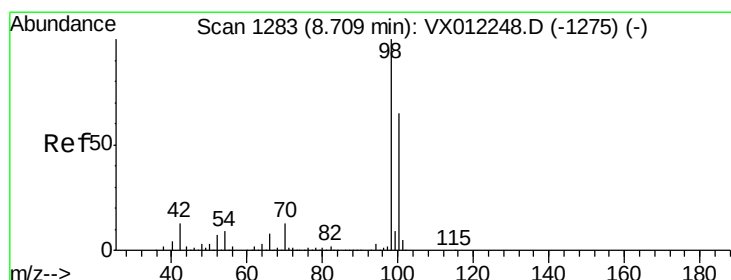
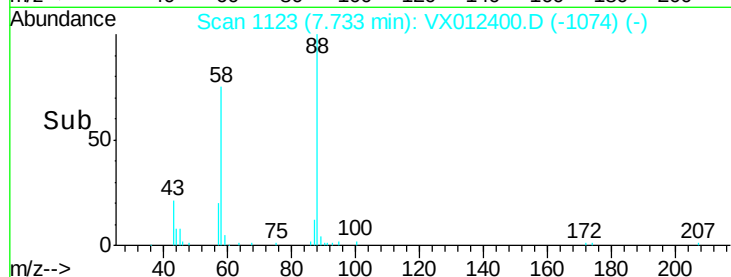
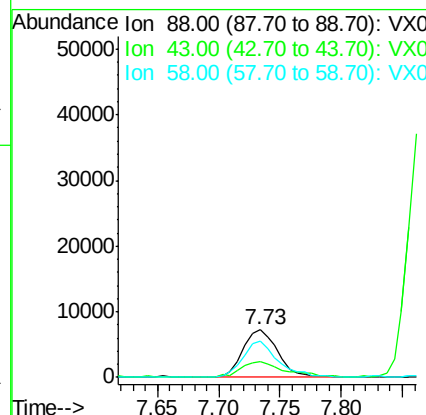
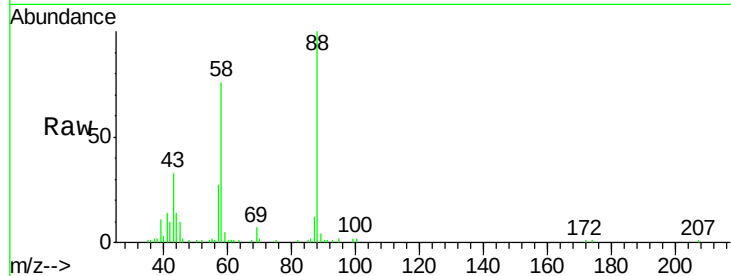
#49
1,4-Dioxane
Concen: 1100.215 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.2	31.0	46.4
58	76.4	61.5	92.3

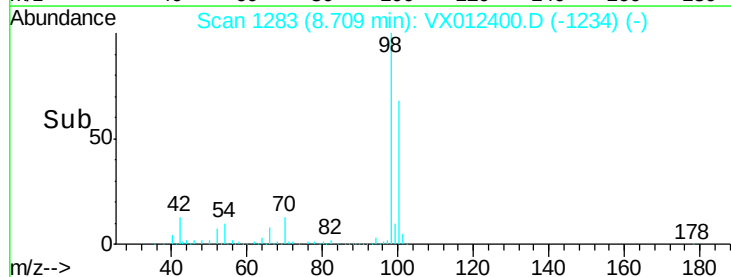
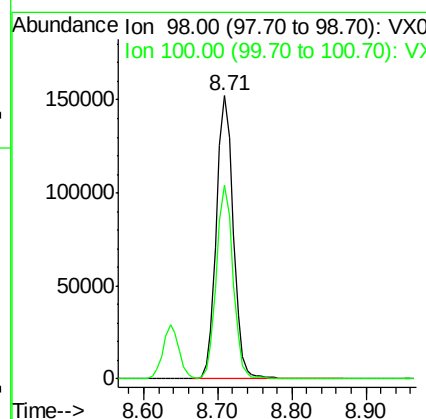
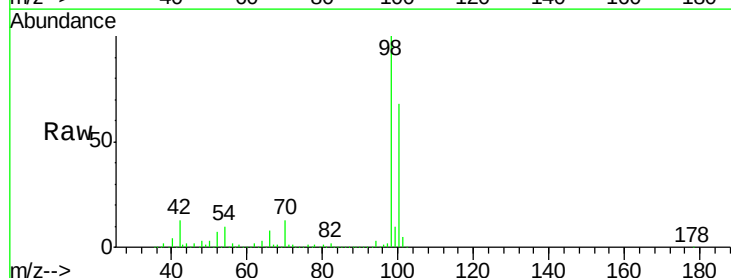
Manual Integrations
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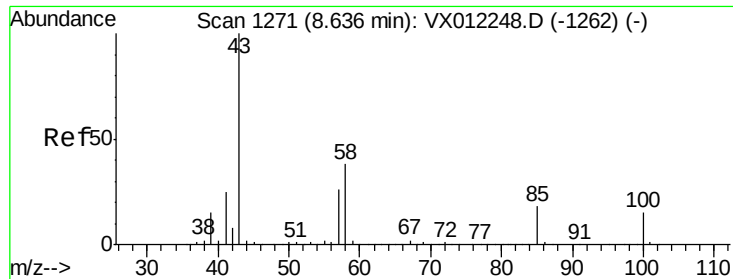
MMDadoda
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#50
Toluene-d8
Concen: 49.324 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.4	54.1	81.1





#51

4-Methyl-2-Pentanone

Concen: 255.238 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 274376

Ion Ratio Lower Upper

43 100

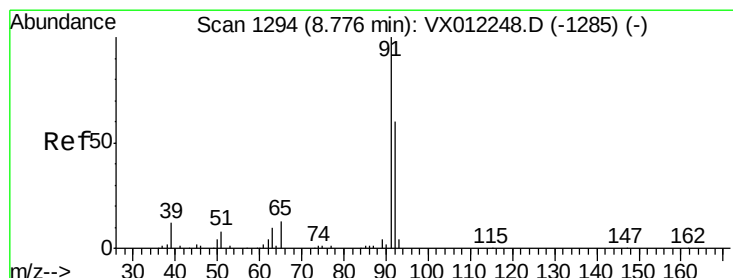
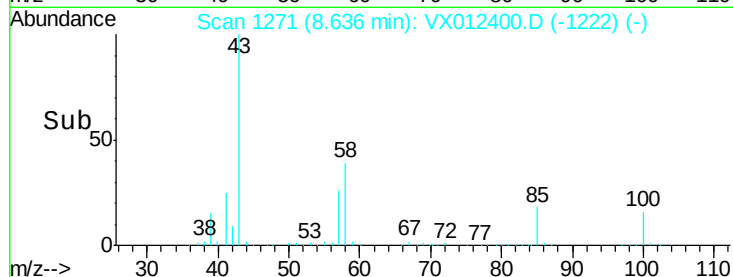
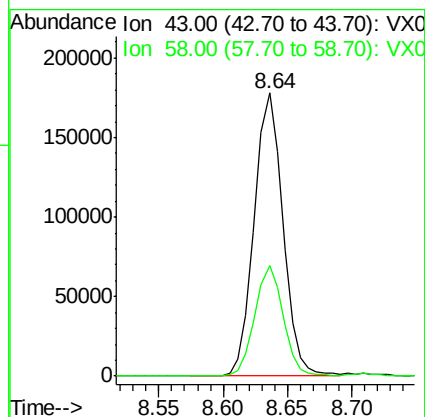
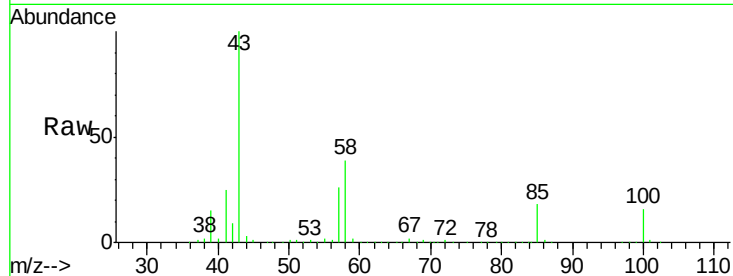
58 38.2 30.1 45.1

Manual Integrations

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#52

Toluene

Concen: 48.552 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX012400.D

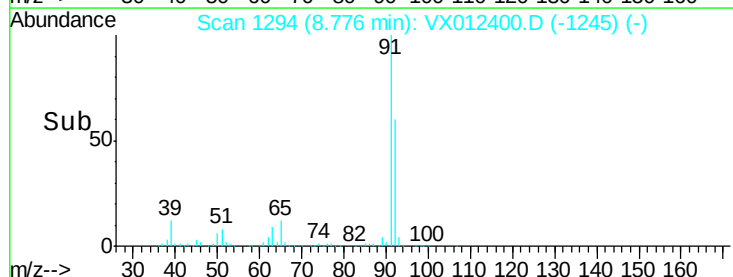
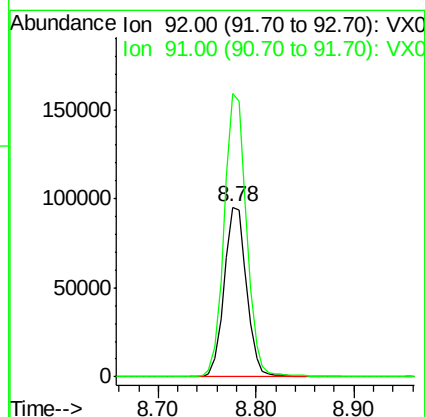
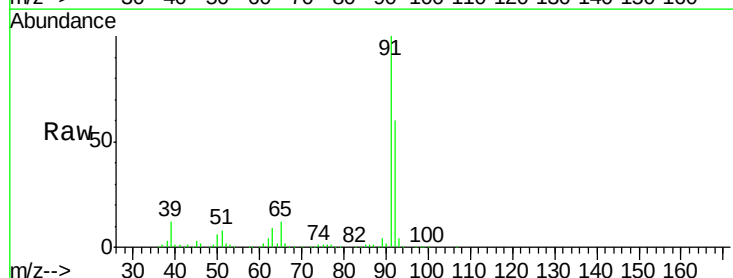
Acq: 13 Sep 2019 21:54

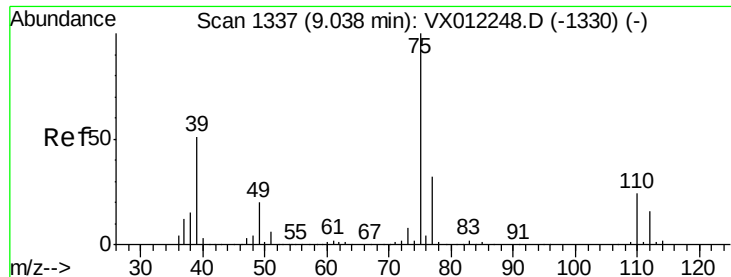
Tgt Ion: 92 Resp: 151688

Ion Ratio Lower Upper

92 100

91 166.5 133.6 200.4





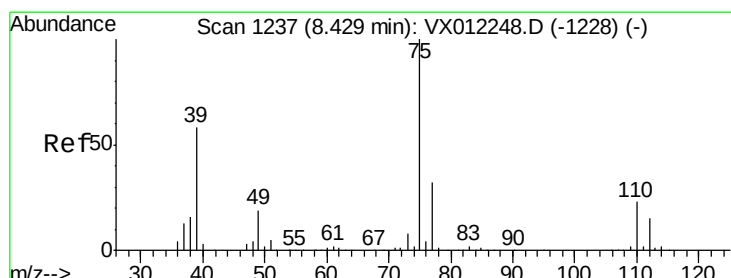
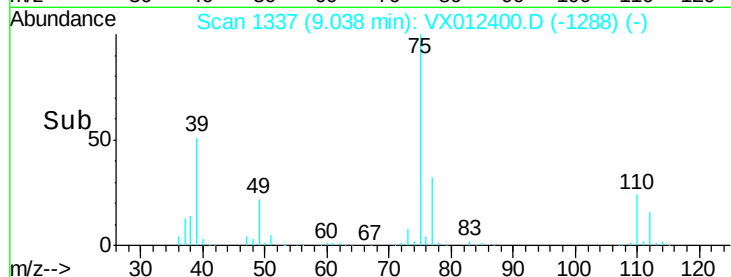
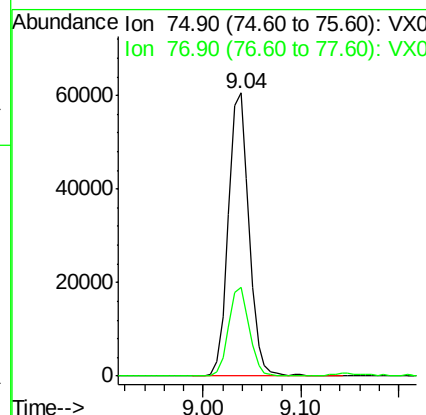
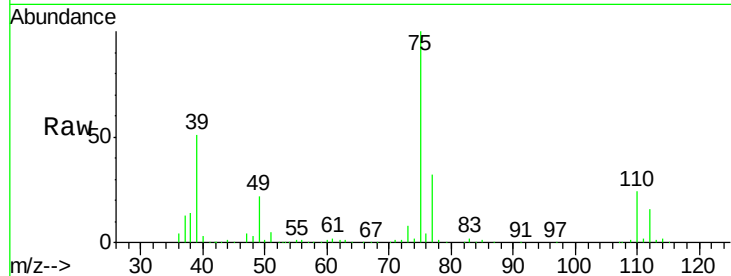
#53
 t-1,3-Dichloropropene
 Concen: 45.562 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: VX012400.D
 Acq: 13 Sep 2019 21:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 88803
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.8 38.6

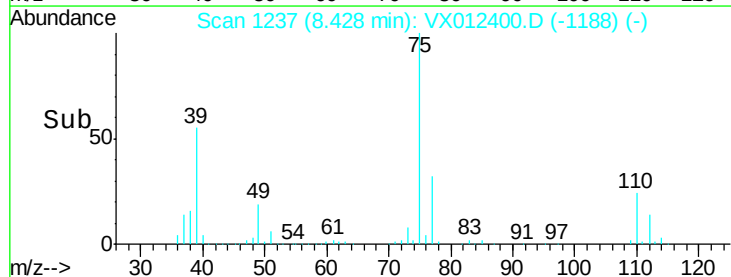
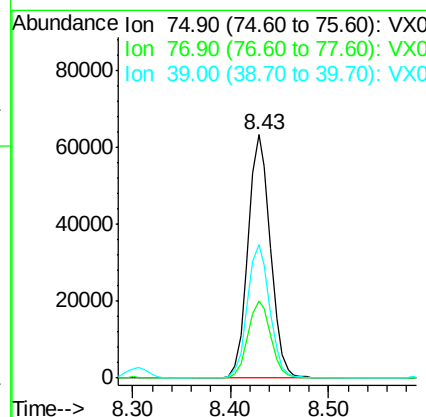
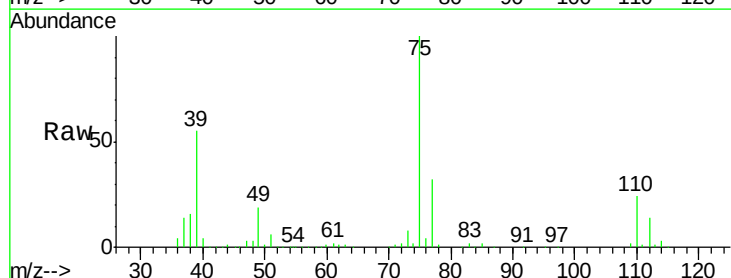
Manual Integrations
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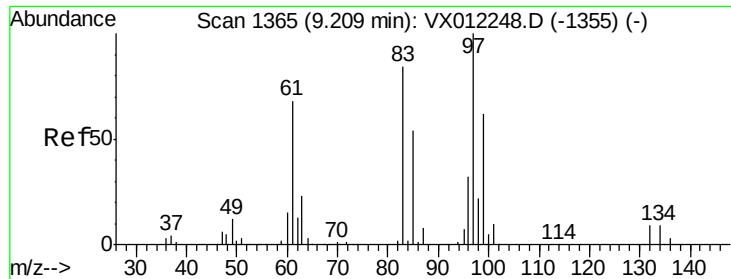
MMDadoda
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#54
 cis-1,3-Dichloropropene
 Concen: 46.651 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012400.D
 Acq: 13 Sep 2019 21:54

Tgt Ion: 75 Resp: 100825
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.2
 39 54.8 46.5 69.7





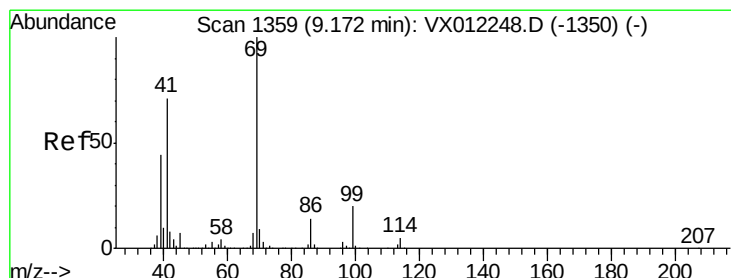
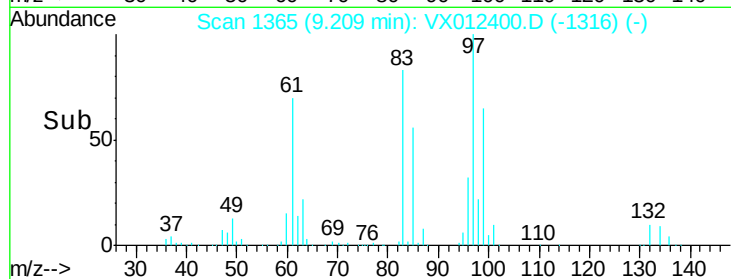
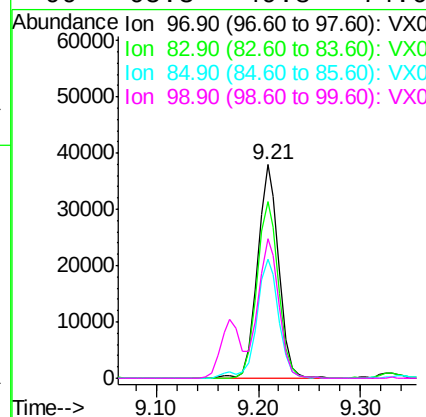
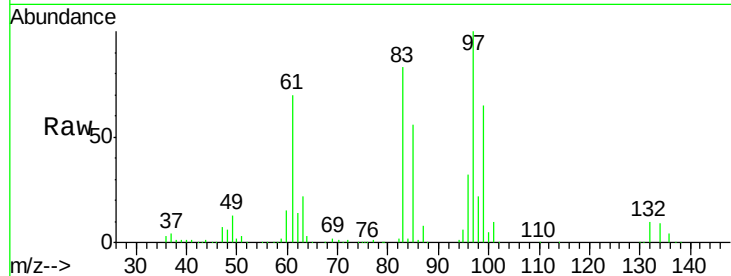
#55
 1,1,2-Trichloroethane
 Concen: 50.111 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012400.D
 Acq: 13 Sep 2019 21:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	55553
Ion	Ratio	Lower	Upper
97	100		
83	83.0	67.4	101.2
85	55.8	43.4	65.2
99	65.3	49.8	74.6

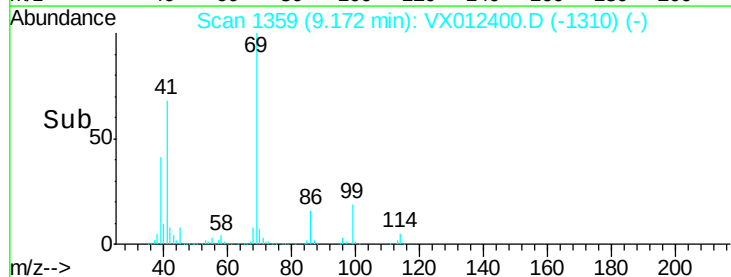
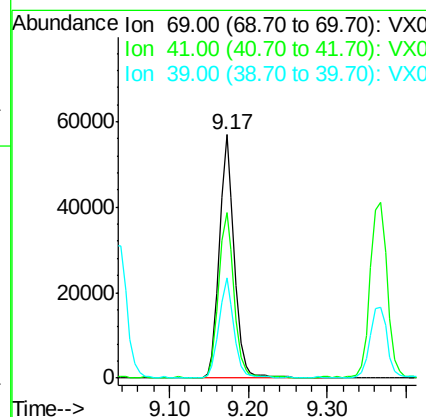
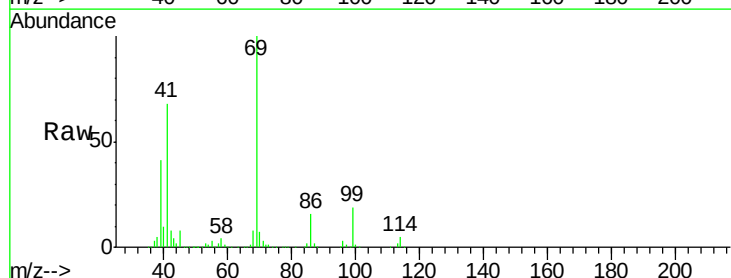
Manual Integrations
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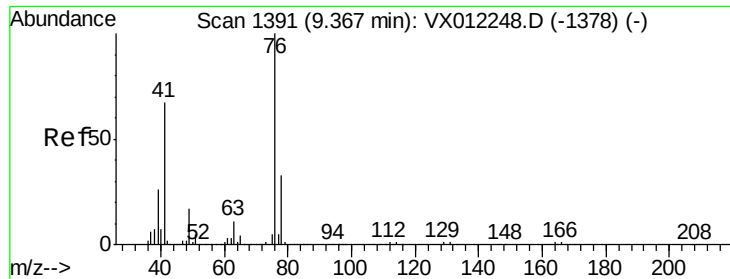
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 50.310 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012400.D
 Acq: 13 Sep 2019 21:54

Tgt Ion:	69	Resp:	75515
Ion	Ratio	Lower	Upper
69	100		
41	69.5	57.7	86.5
39	40.4	34.0	51.0





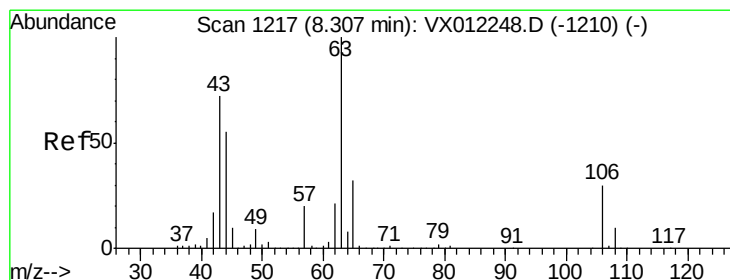
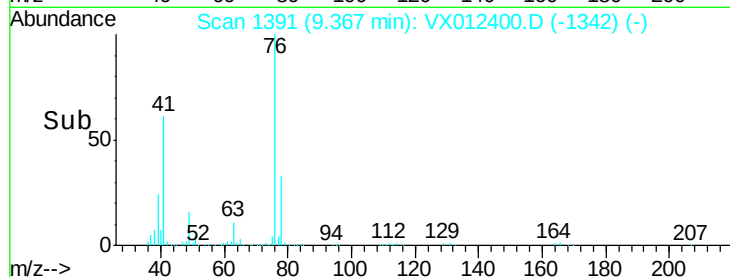
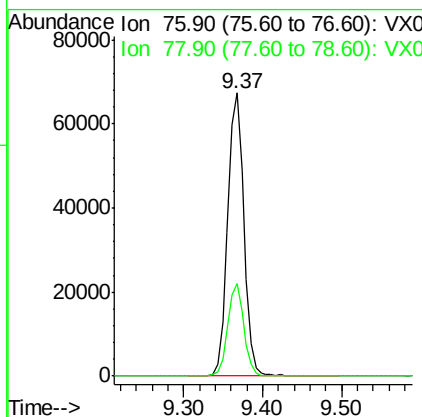
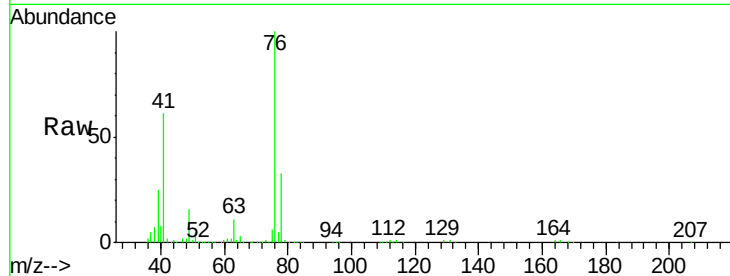
#57
 1,3-Dichloropropane
 Concen: 50.744 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012400.D
 Acq: 13 Sep 2019 21:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 96079
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.0 39.0

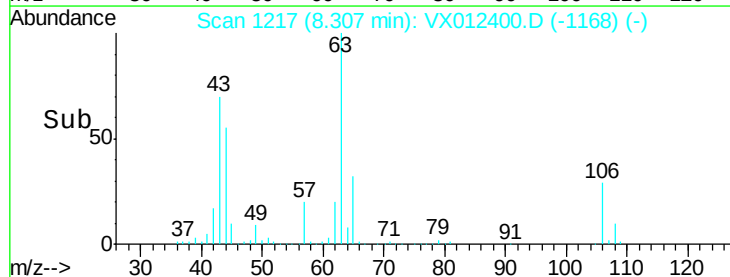
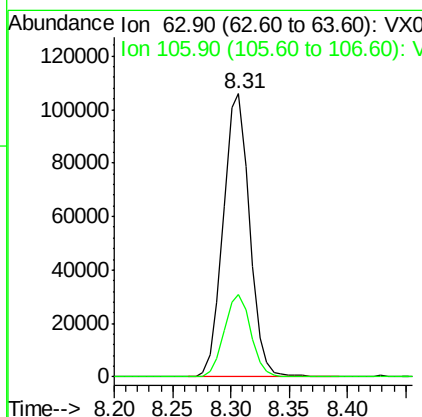
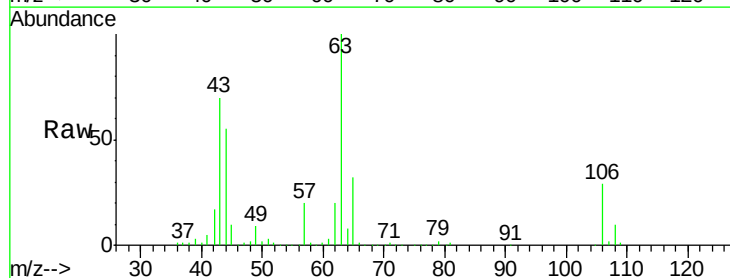
Manual Integrations
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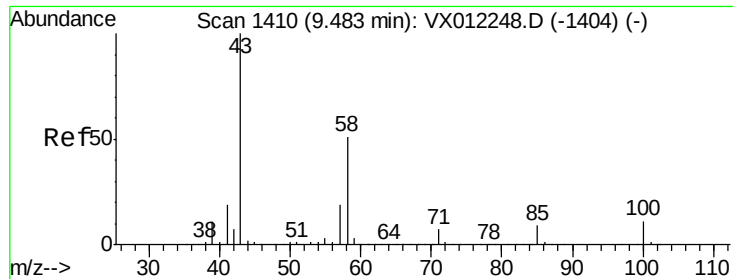
MMDadoda
 9/16/2019 1:21:13 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 215.305 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX012400.D
 Acq: 13 Sep 2019 21:54

Tgt Ion: 63 Resp: 165636
 Ion Ratio Lower Upper
 63 100
 106 29.7 23.4 35.2





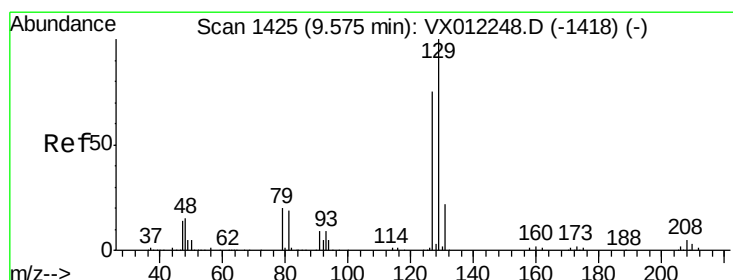
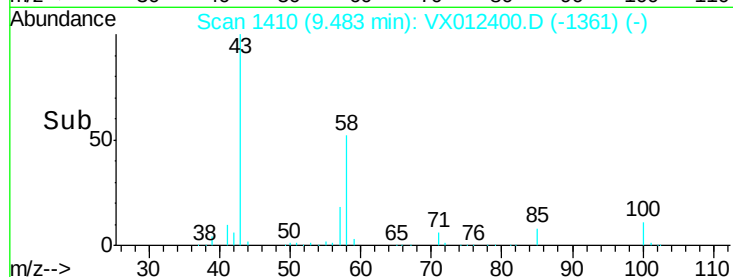
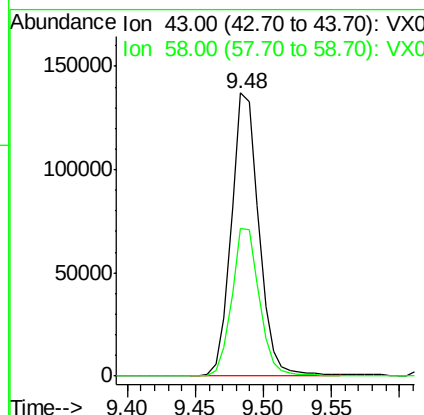
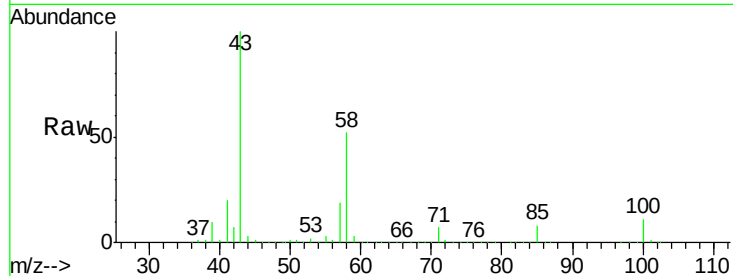
#59
2-Hexanone
Concen: 258.274 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	58	Ratio	Lower	Upper
193045	100	52.4		25.8	77.3

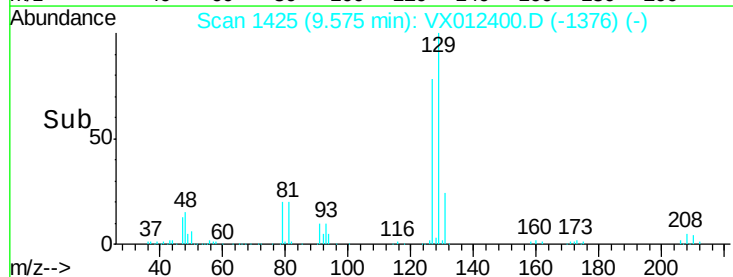
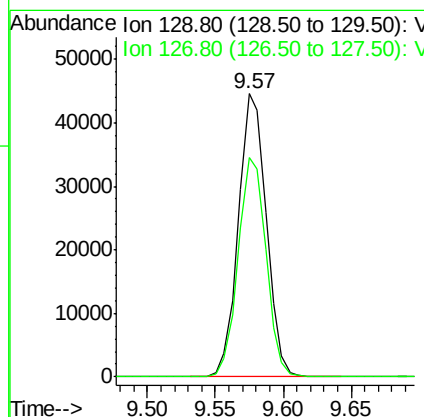
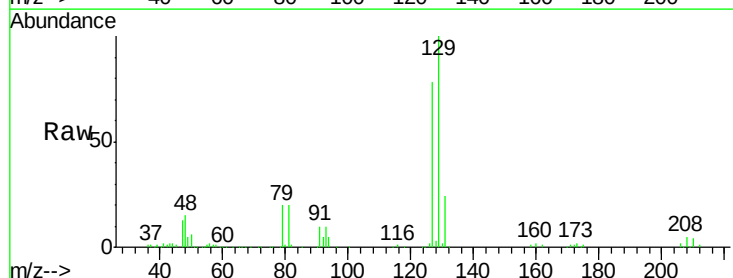
Manual Integrations
APPROVED

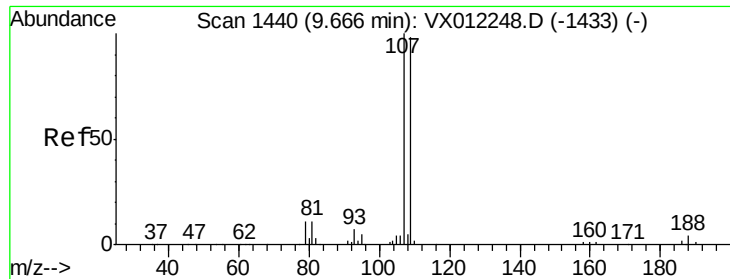
MMDadoda
9/16/2019 1:21:13 PM



#60
Dibromochloromethane
Concen: 49.383 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Tgt Ion	129	127	Ratio	Lower	Upper
63911	100	77.5		38.1	114.3





#61

1,2-Dibromoethane

Concen: 50.976 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 52604

Ion Ratio Lower Upper

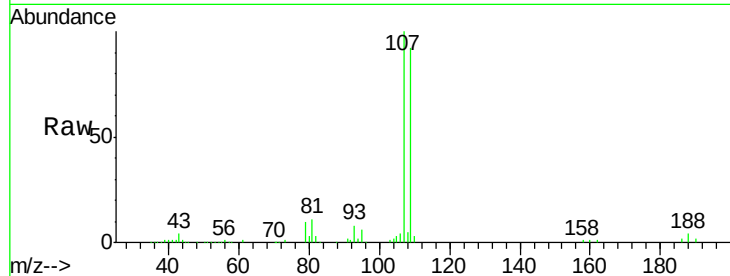
107 100

109 94.3 76.3 114.5

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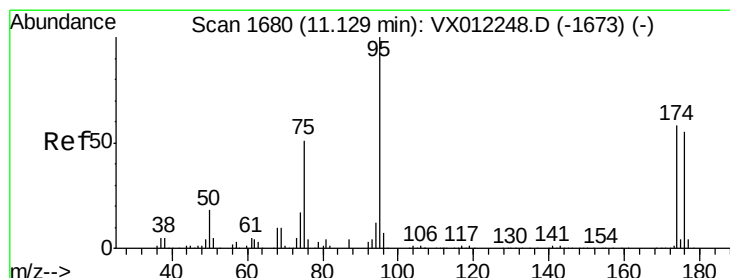
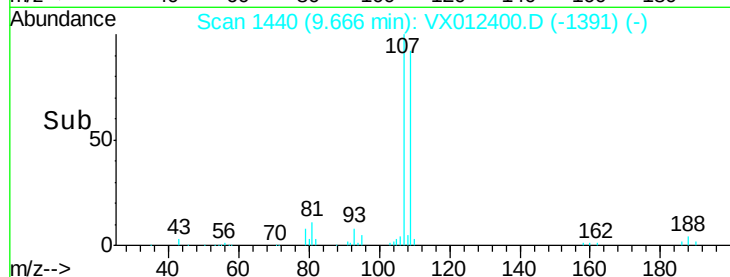
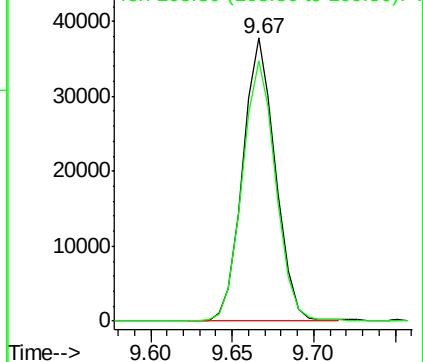
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.844 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

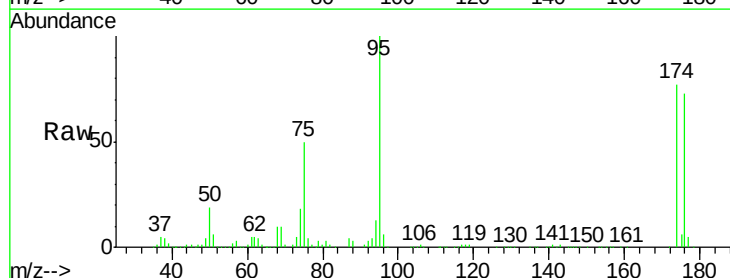
Tgt Ion: 95 Resp: 100185

Ion Ratio Lower Upper

95 100

174 70.7 0.0 127.0

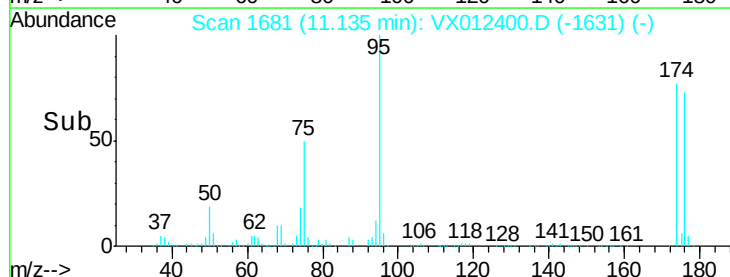
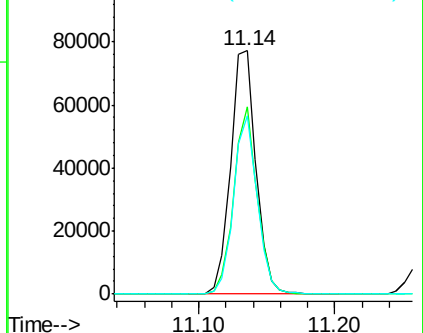
176 68.7 0.0 125.8

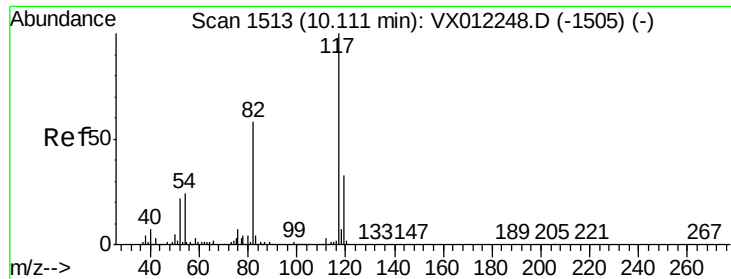


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





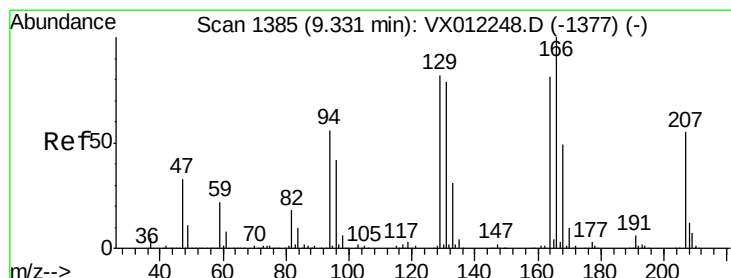
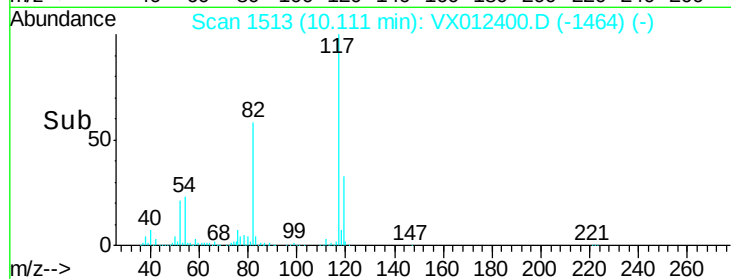
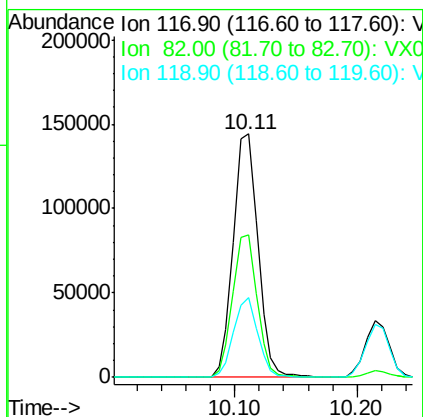
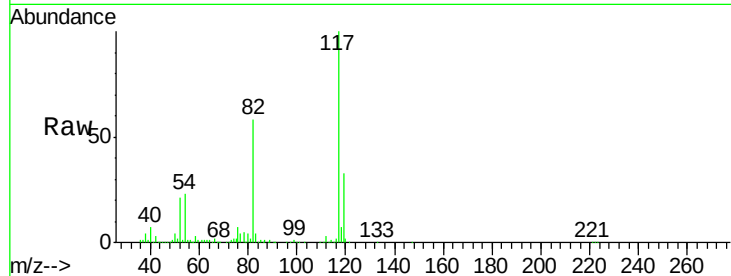
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	202177		
82	58.4	46.4	69.6	
119	32.7	26.6	39.8	

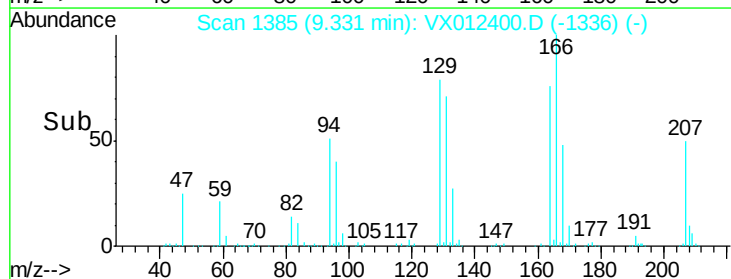
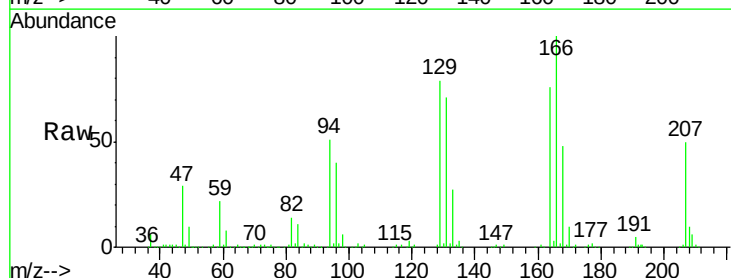
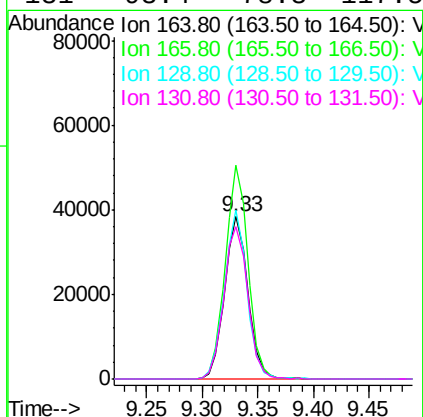
Manual Integrations
APPROVED

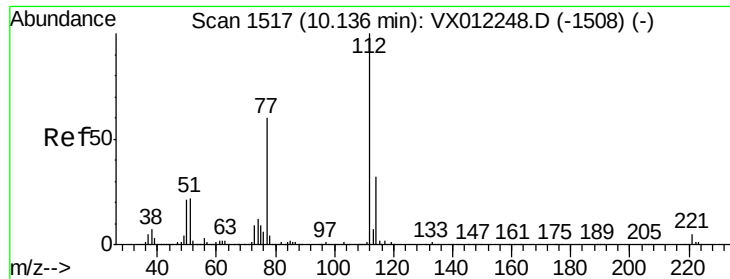
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#64
Tetrachloroethene
Concen: 51.875 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	55467		
166	131.5	99.4	149.0	
129	104.0	81.8	122.8	
131	93.4	78.3	117.5	





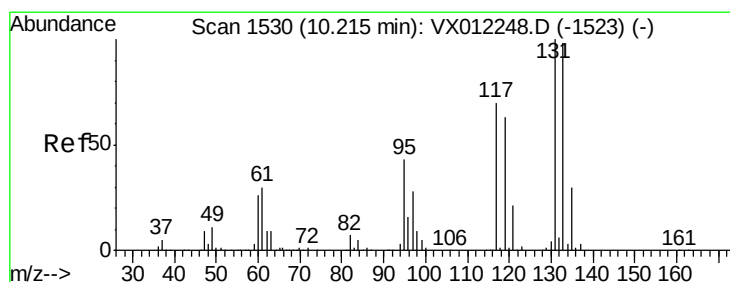
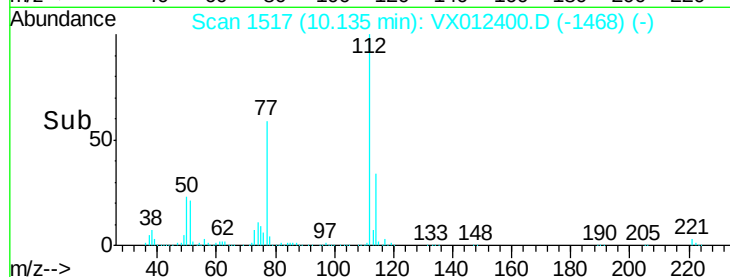
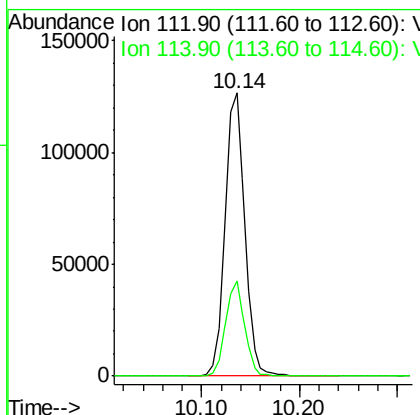
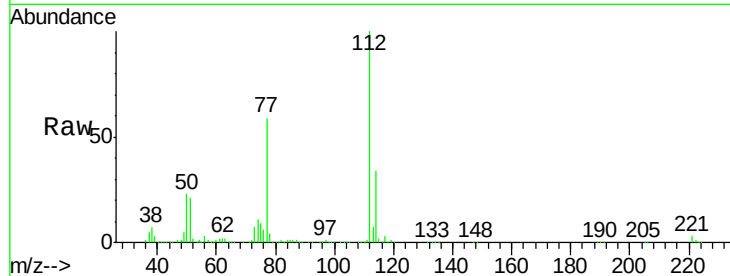
#65
Chlorobenzene
Concen: 47.903 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.5	25.4	38.0

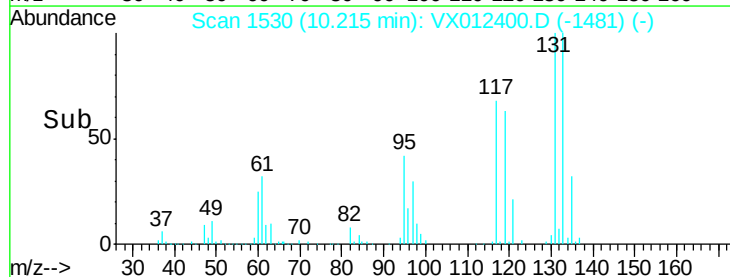
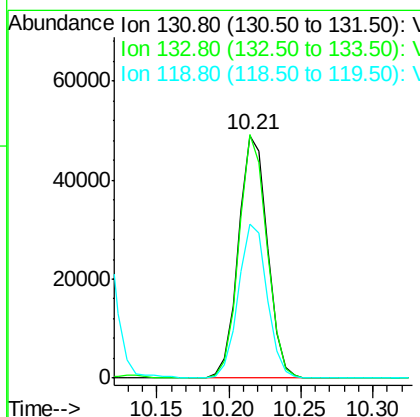
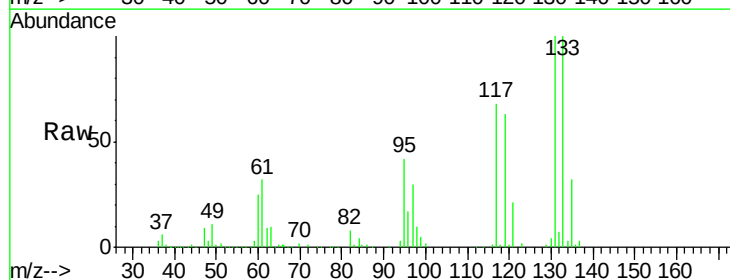
Manual Integrations
APPROVED

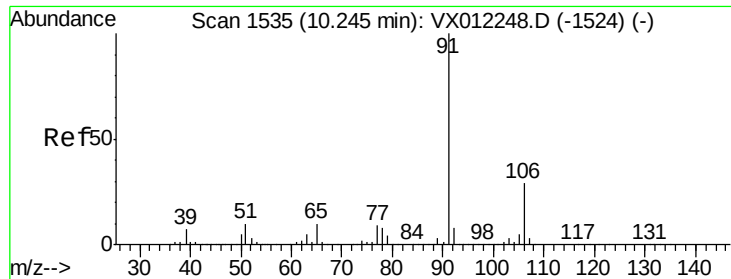
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.896 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.2	48.0	144.2
119	63.5	31.6	95.0





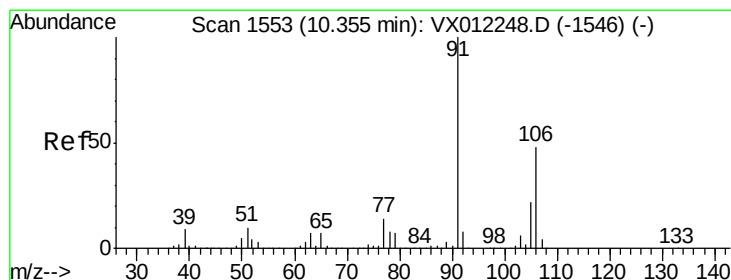
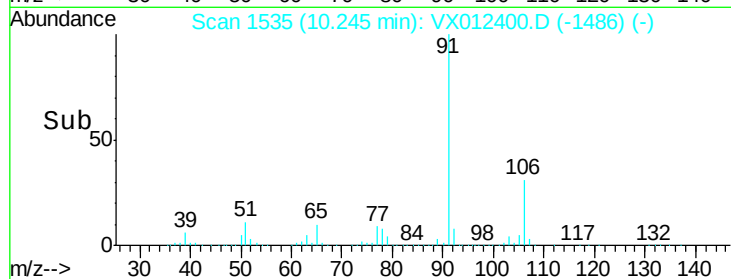
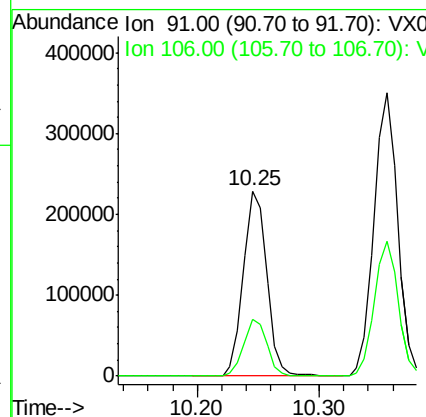
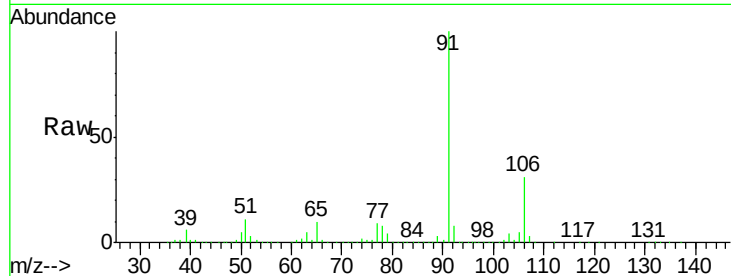
#67
Ethyl Benzene
Concen: 46.364 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 304623
Ion Ratio Lower Upper
91 100
106 31.0 23.1 34.7

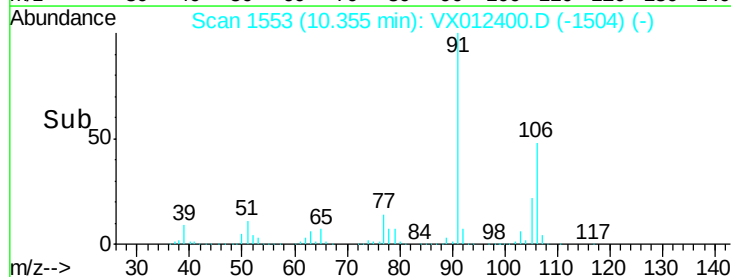
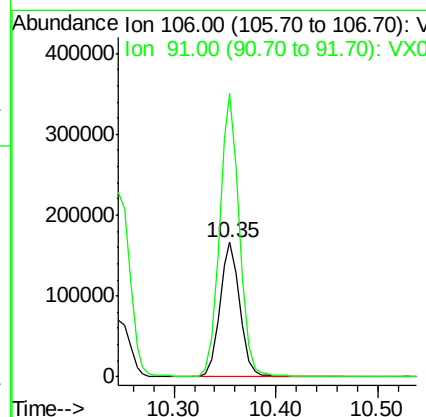
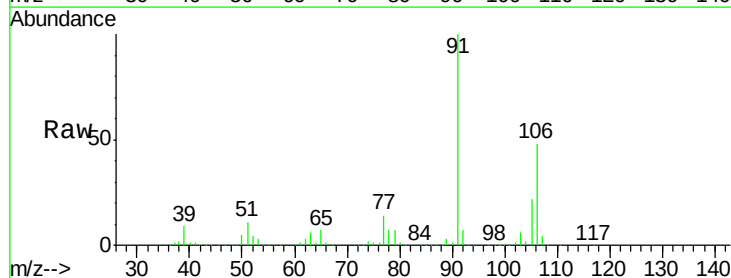
Manual Integrations
APPROVED

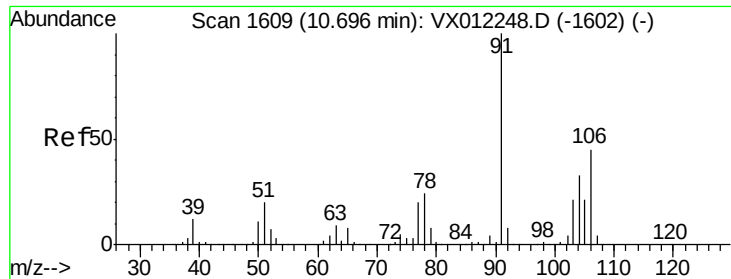
MMDadoda
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#68
m/p-Xylenes
Concen: 94.552 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Tgt Ion: 106 Resp: 228685
Ion Ratio Lower Upper
106 100
91 208.1 167.0 250.6





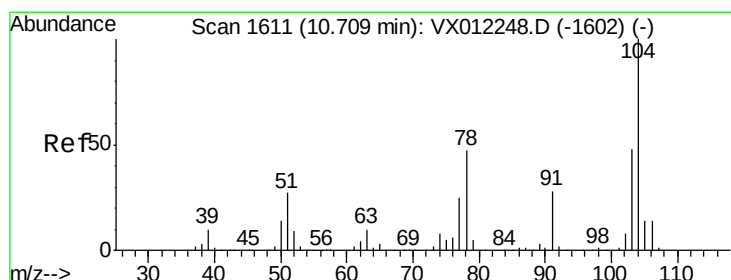
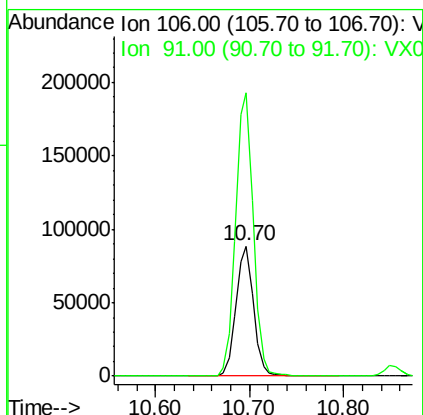
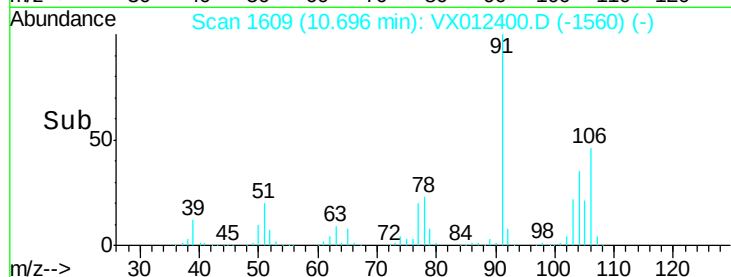
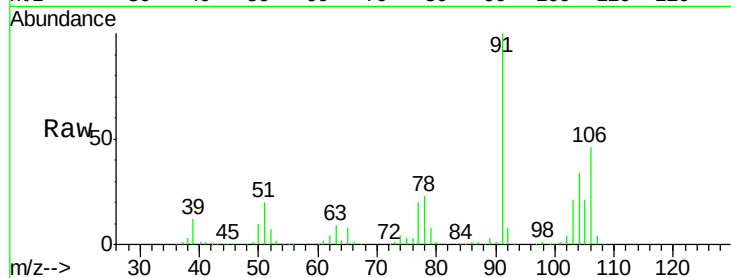
#69
o-Xylene
Concen: 48.162 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
106	100	114110		
91	219.1	110.5	331.4	

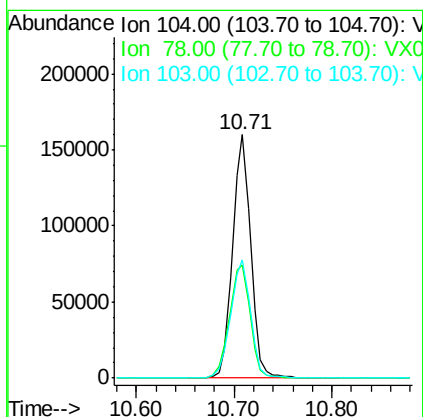
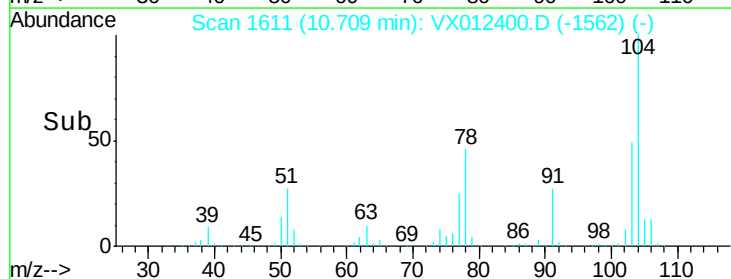
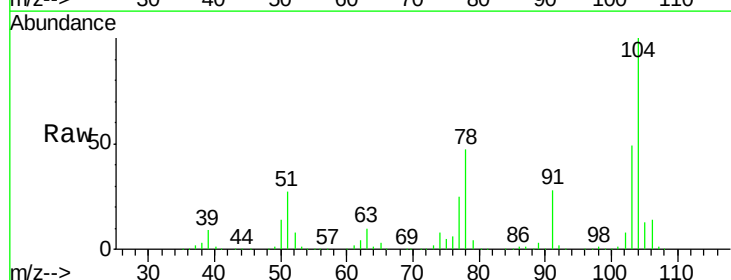
Manual Integrations
APPROVED

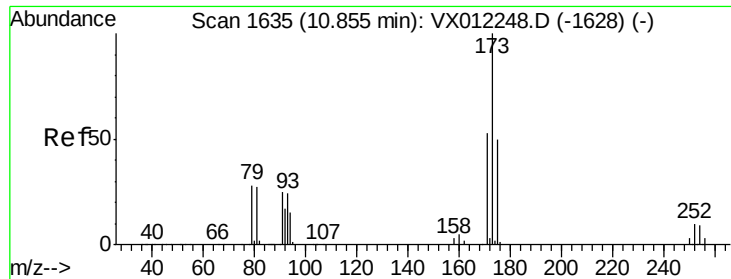
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#70
Styrene
Concen: 49.072 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	206197		
78	53.6	44.2	66.2	
103	53.5	42.5	63.7	





#71

Bromoform

Concen: 49.823 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 35978

Ion Ratio Lower Upper

173 100

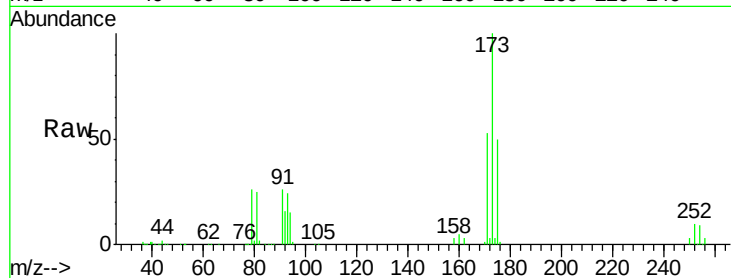
175 48.1 24.5 73.5

254 0.1 0.2 0.4#

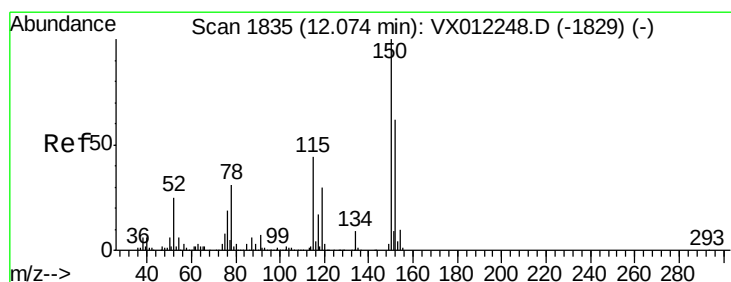
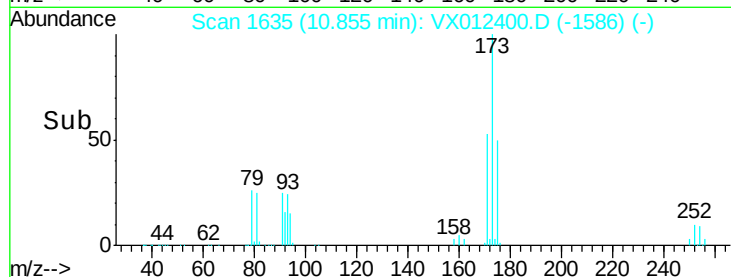
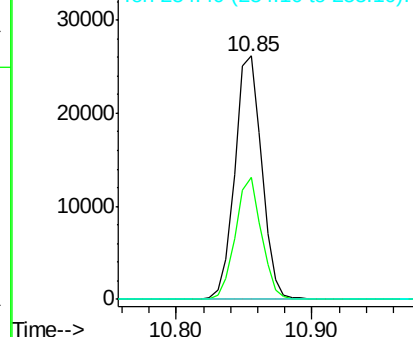
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

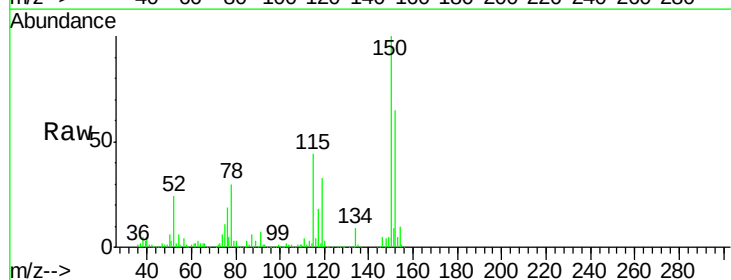
Tgt Ion:152 Resp: 106085

Ion Ratio Lower Upper

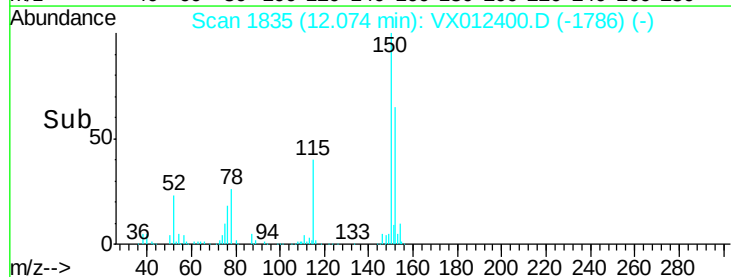
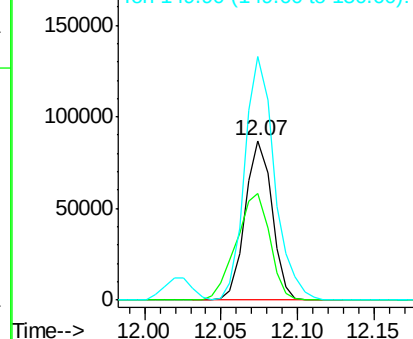
152 100

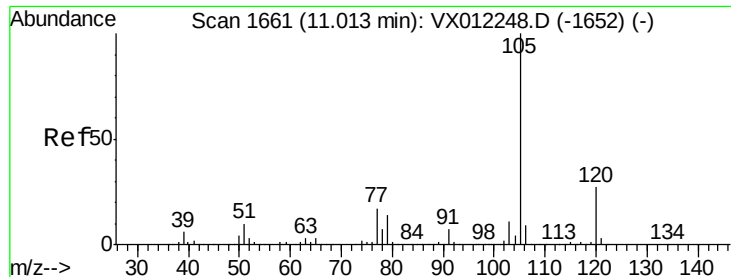
115 83.4 45.5 136.4

150 169.8 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: 43.979 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 307145

Ion Ratio Lower Upper

105 100

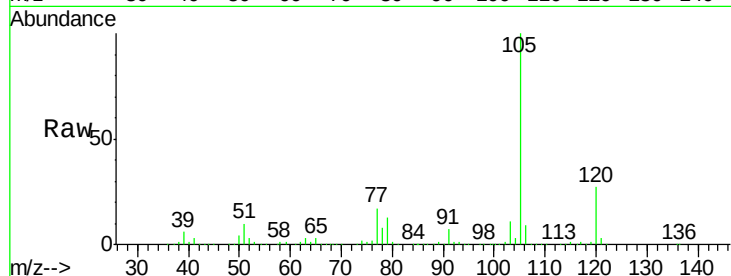
120 26.2 13.2 39.5

Manual Integrations

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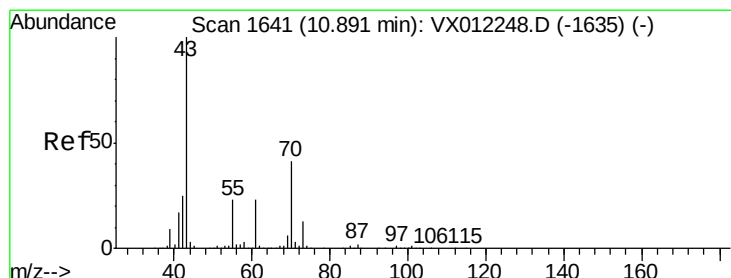
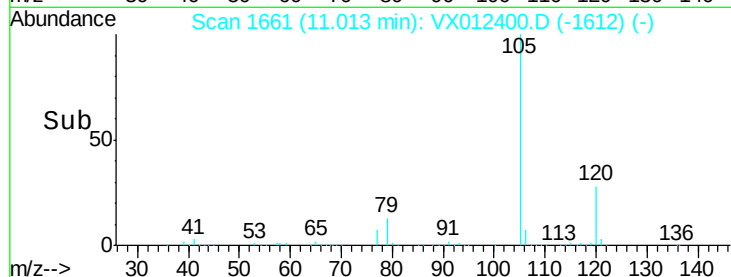
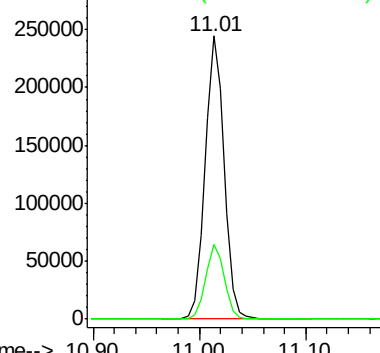
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 43.579 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

Tgt Ion: 43 Resp: 90494

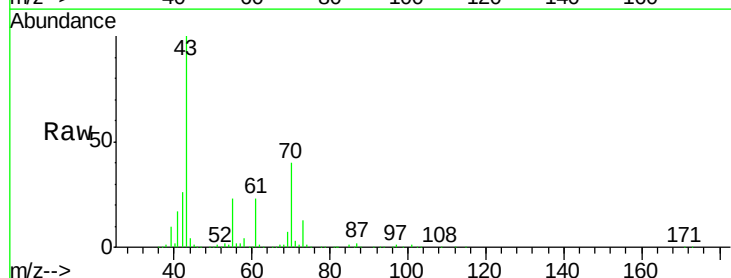
Ion Ratio Lower Upper

43 100

70 40.6 32.9 49.3

55 24.4 19.1 28.7

61 23.4 18.6 28.0

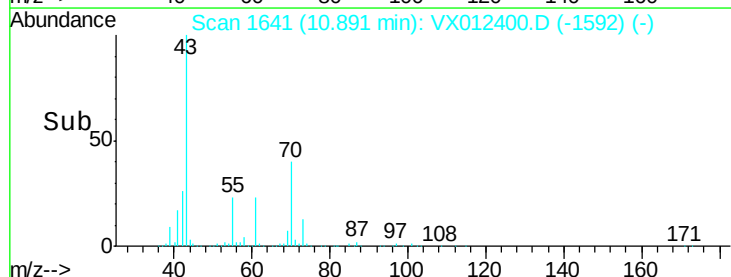
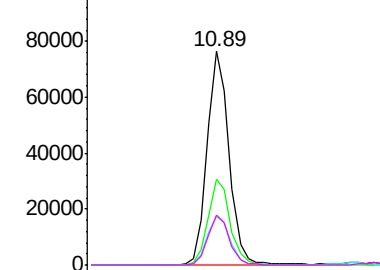


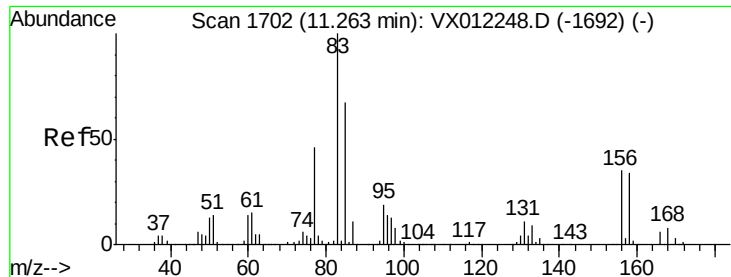
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.037 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

Instrument :

MSVOA_X

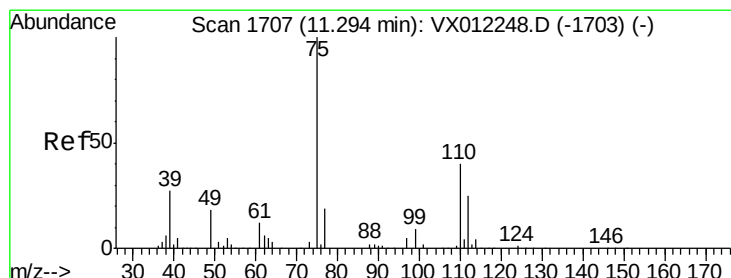
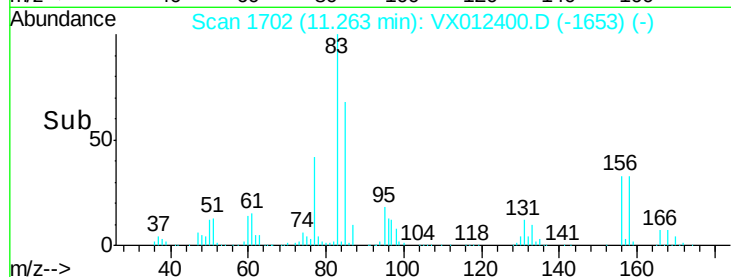
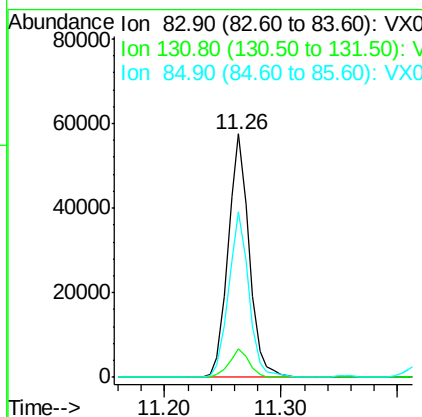
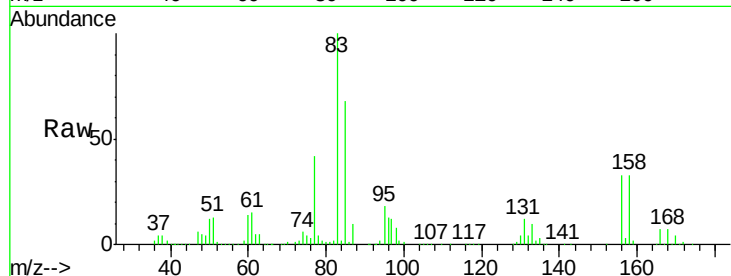
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	72051
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.5	16.4
85	65.4	32.8	98.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 46.962 ug/l m

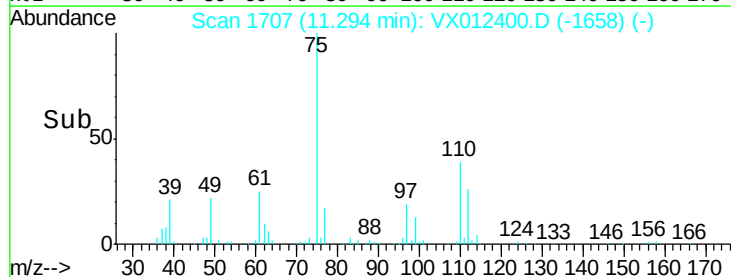
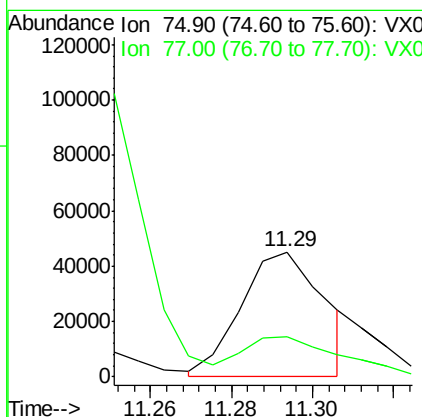
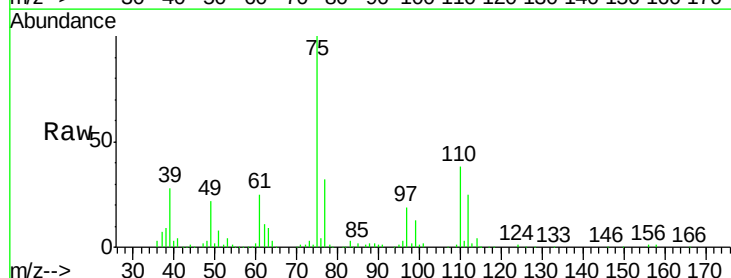
RT: 11.29 min Scan# 1707

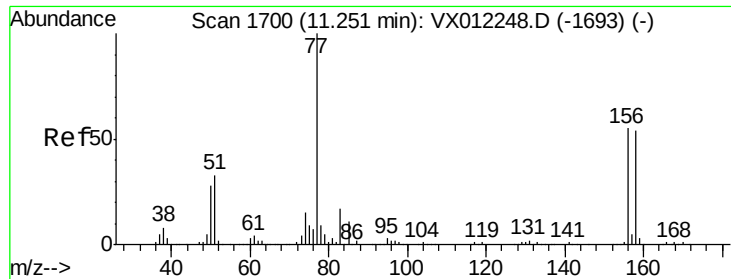
Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

Tgt Ion:	75	Resp:	64001
Ion Ratio	Lower	Upper	
75	100		
77	38.0	19.7	59.0





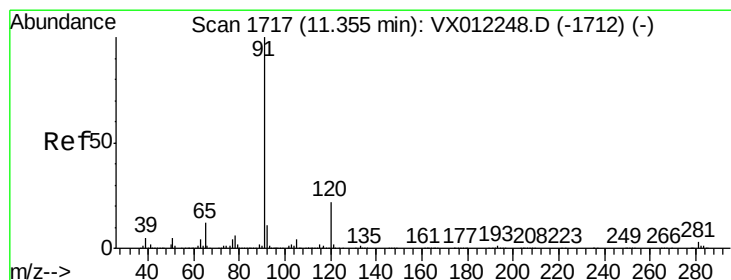
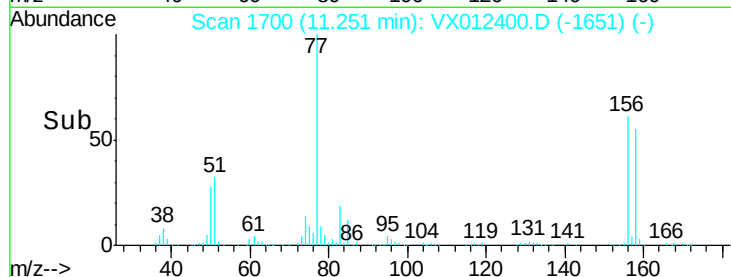
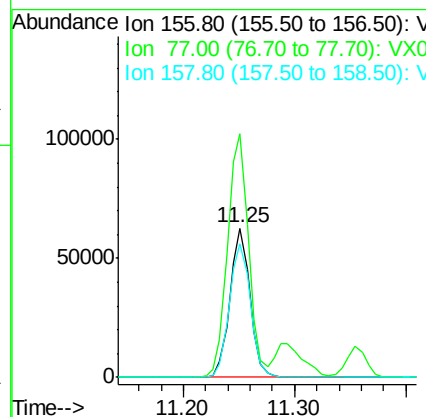
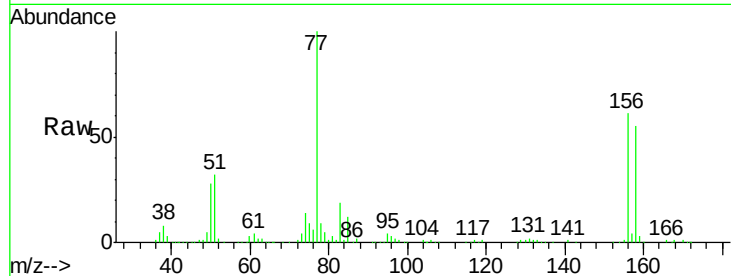
#77
Bromobenzene
Concen: 48.548 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	170.5	92.2	276.6
158	94.6	48.8	146.3

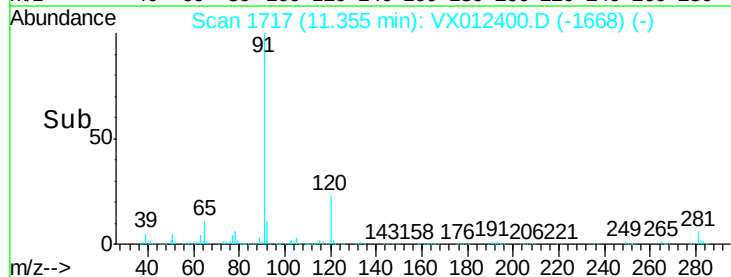
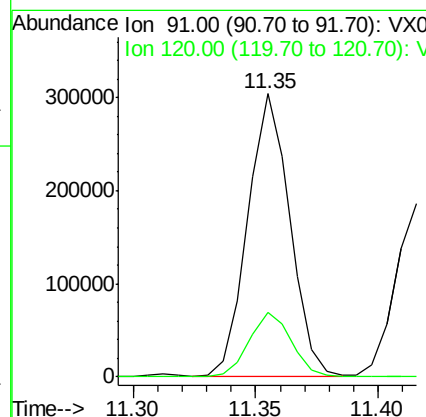
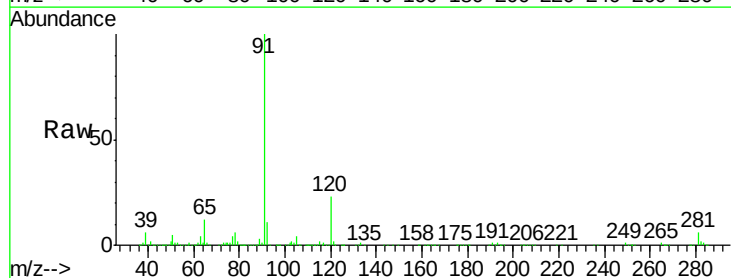
Manual Integrations
APPROVED

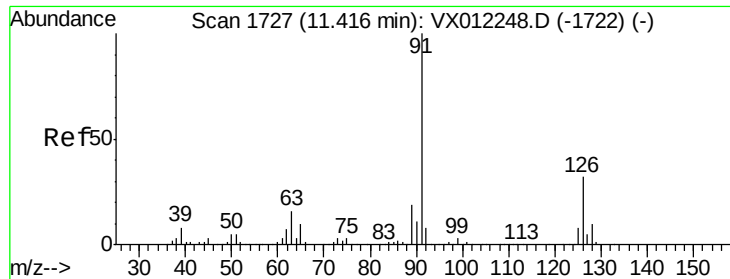
MMDadoda
9/16/2019 1:21:13 PM



#78
n-propylbenzene
Concen: 43.129 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.2	33.6





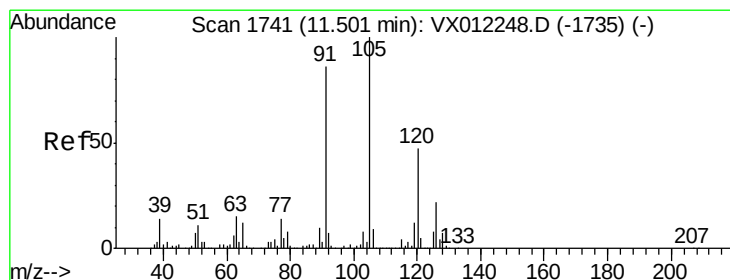
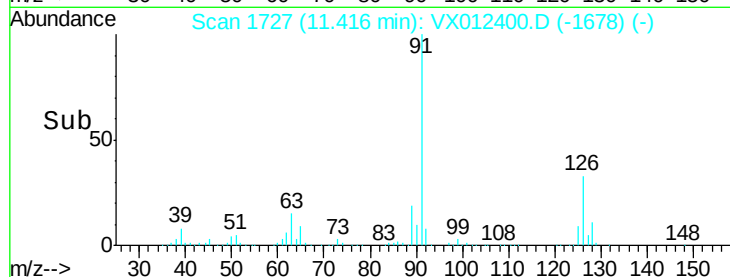
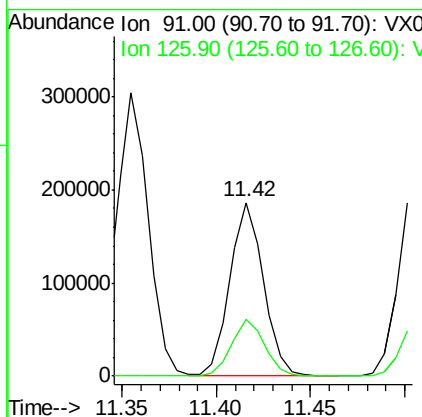
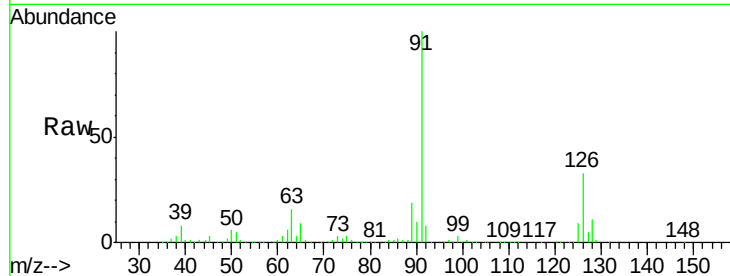
#79
 2-Chlorotoluene
 Concen: 43.866 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012400.D
 Acq: 13 Sep 2019 21:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 229205
 Ion Ratio Lower Upper
 91 100
 126 32.8 15.9 47.7

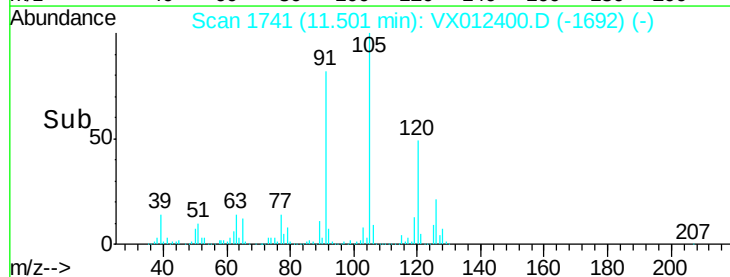
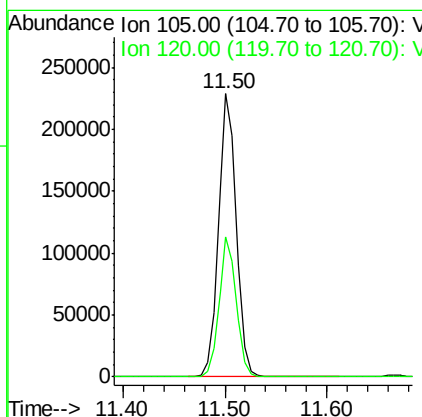
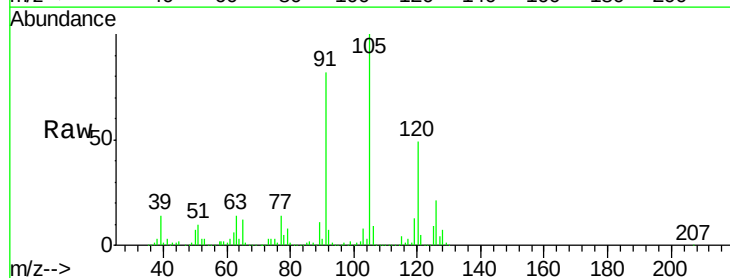
Manual Integrations
 APPROVED

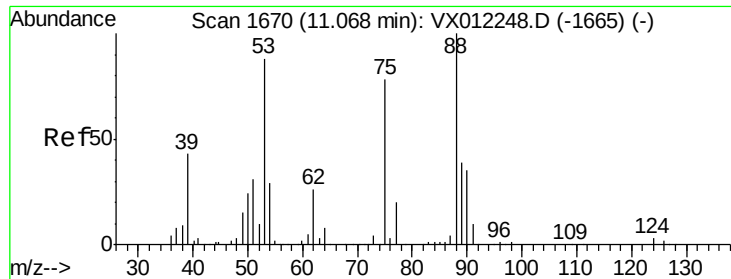
MMDadoda
 9/16/2019 1:21:13 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 44.521 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012400.D
 Acq: 13 Sep 2019 21:54

Tgt Ion: 105 Resp: 279616
 Ion Ratio Lower Upper
 105 100
 120 48.0 23.7 71.1





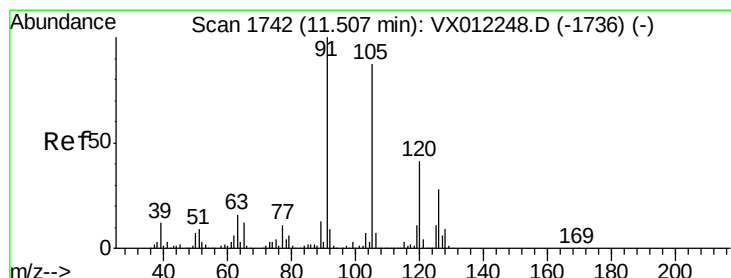
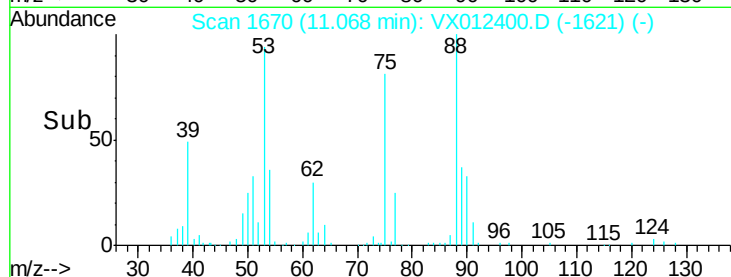
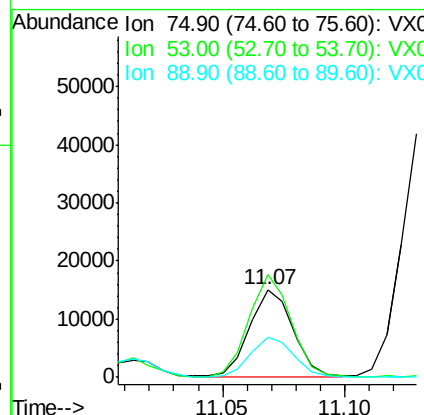
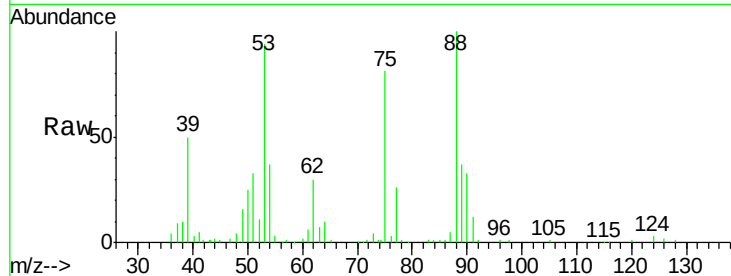
#81
trans-1,4-Dichloro-2-butene
Concen: 40.548 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	113.5	88.1	132.1
89	47.2	43.5	65.3

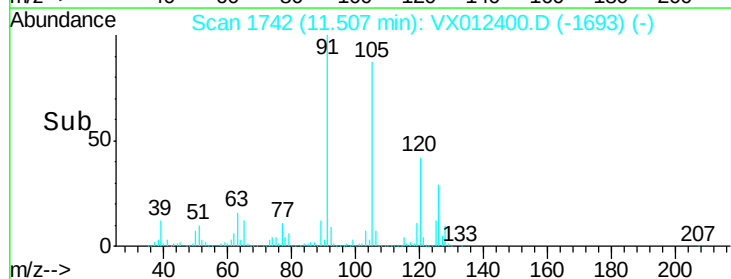
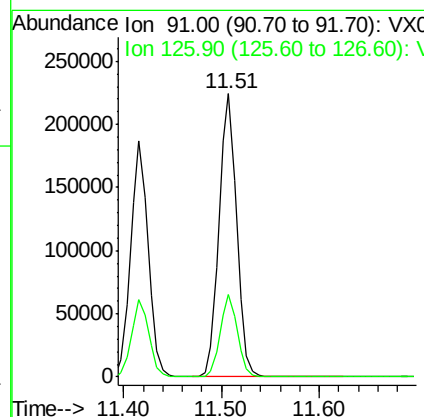
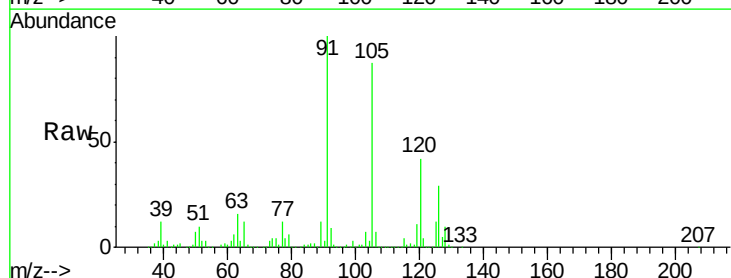
Manual Integrations
APPROVED

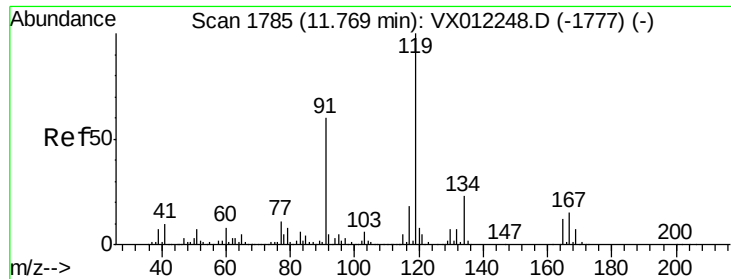
MMDadoda
9/16/2019 1:21:13 PM



#82
4-Chlorotoluene
Concen: 44.648 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.4	14.0	42.0





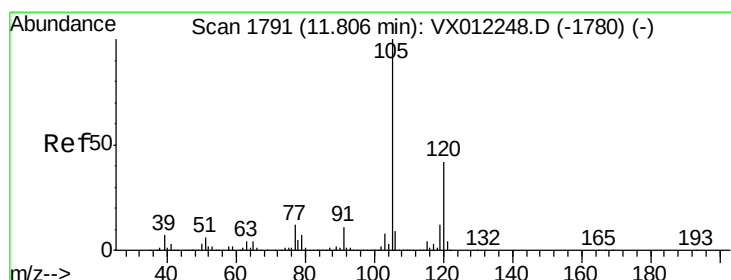
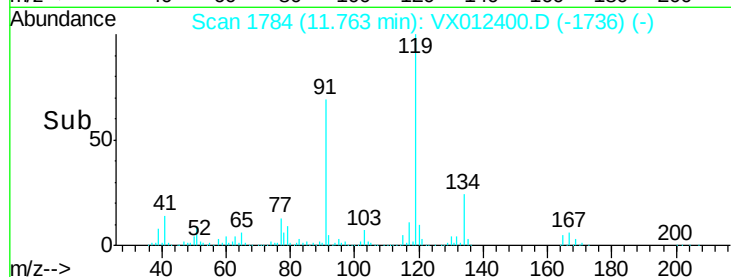
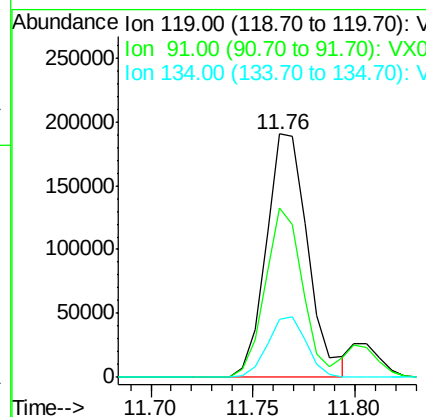
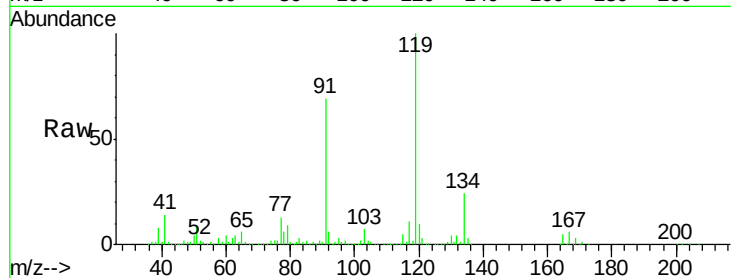
#83
 tert-Butylbenzene
 Concen: 44.374 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012400.D
 Acq: 13 Sep 2019 21:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	119	Resp:	270611
Ion Ratio	Lower	Upper	
119	100		
91	62.4	30.9	92.8
134	23.4	11.2	33.6

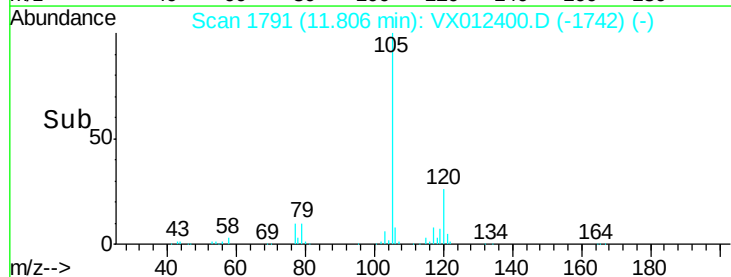
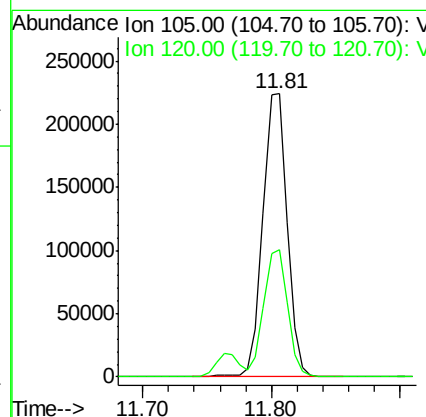
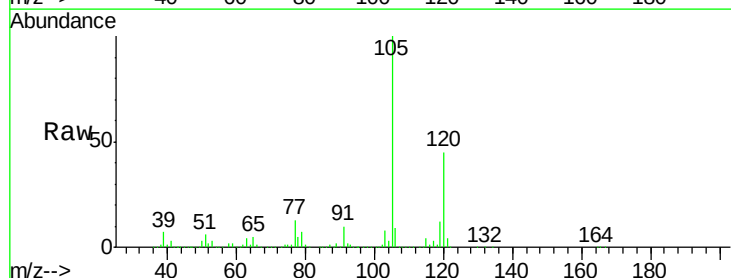
Manual Integrations
 APPROVED

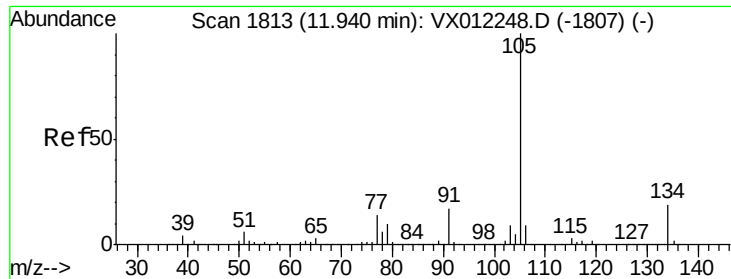
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#84
 1,2,4-Trimethylbenzene
 Concen: 44.988 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX012400.D
 Acq: 13 Sep 2019 21:54

Tgt Ion:	105	Resp:	292085
Ion Ratio	Lower	Upper	
105	100		
120	44.1	21.3	63.9





#85

sec-Butylbenzene

Concen: 43.577 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 317091

Ion Ratio Lower Upper

105 100

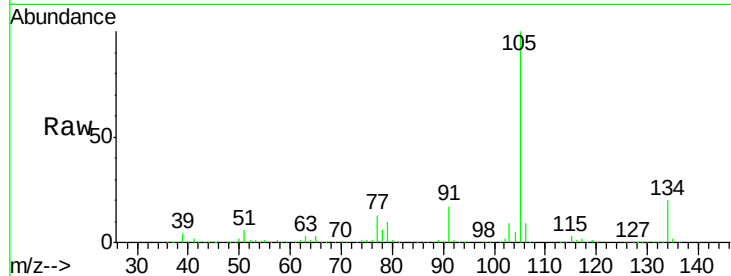
134 19.8 9.9 29.7

Manual Integrations

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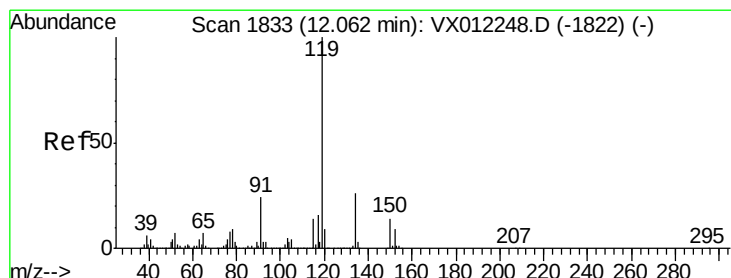
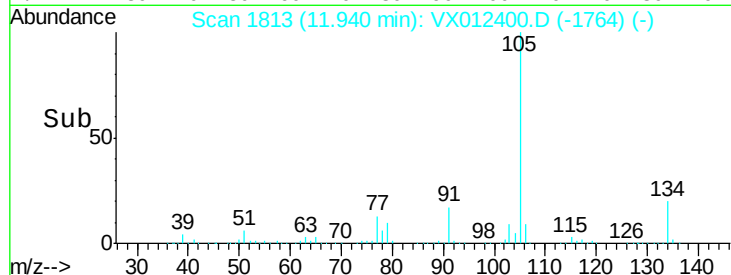
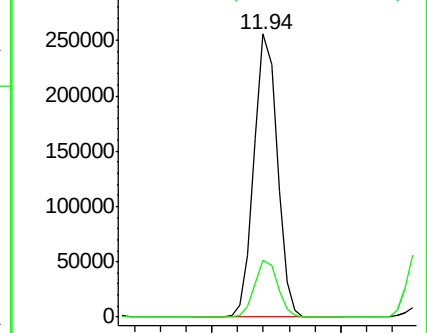
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 44.225 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

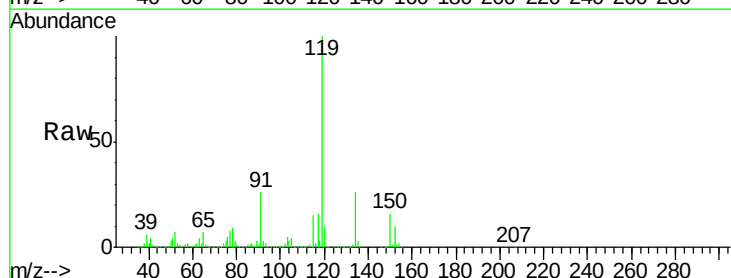
Tgt Ion:119 Resp: 297341

Ion Ratio Lower Upper

119 100

134 25.5 12.9 38.7

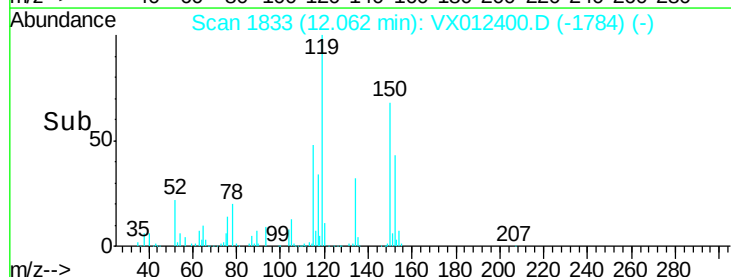
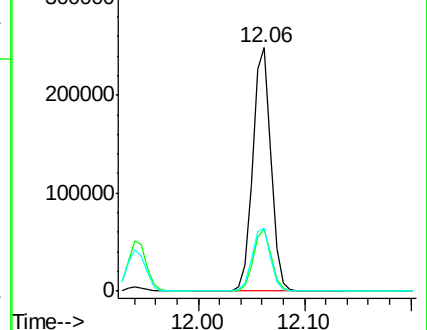
91 26.0 13.1 39.1

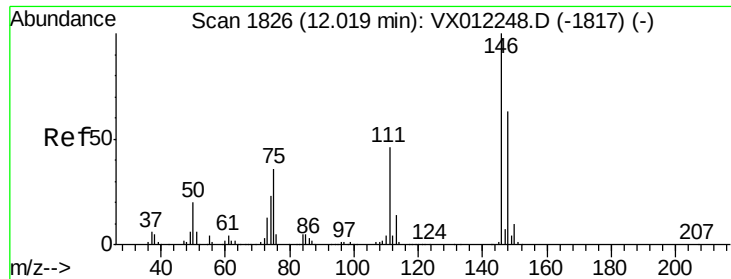


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





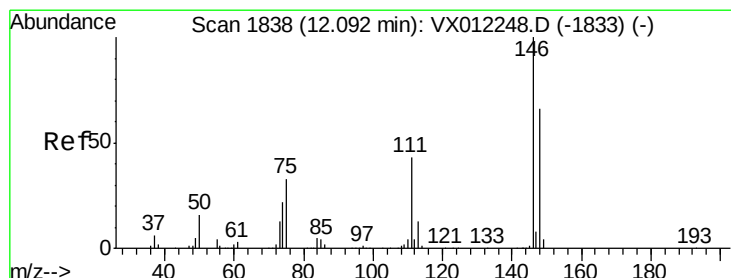
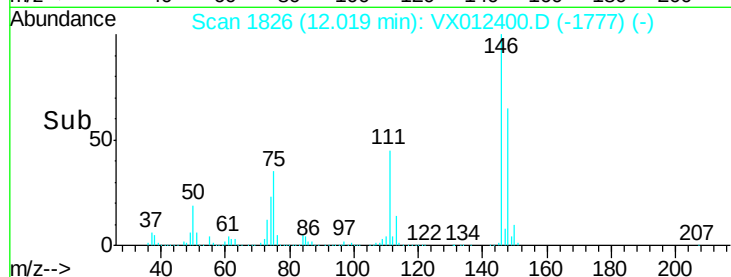
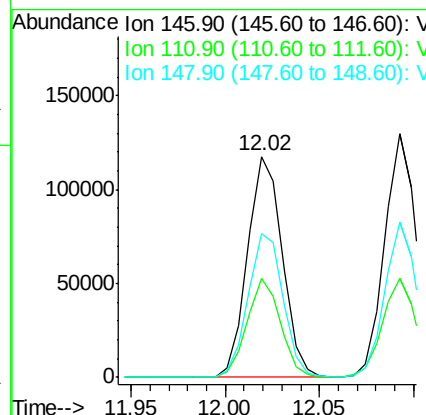
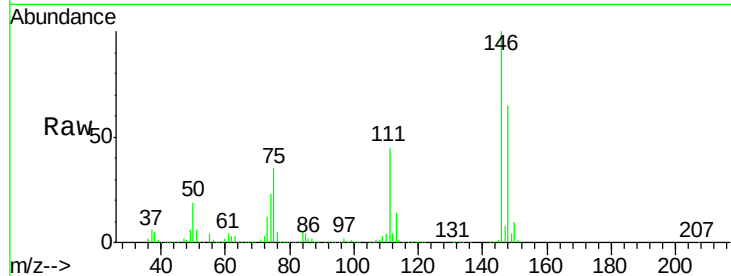
#87
 1,3-Dichlorobenzene
 Concen: 45.890 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012400.D
 Acq: 13 Sep 2019 21:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.5	22.3	66.8
148	65.8	31.5	94.5

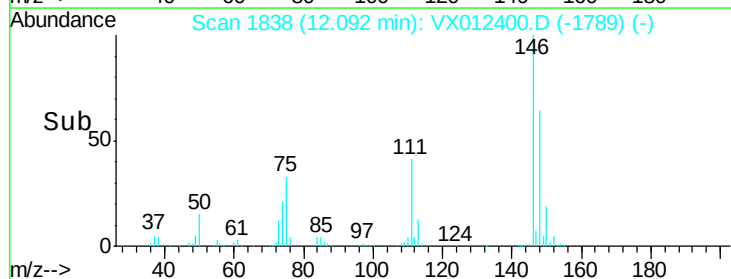
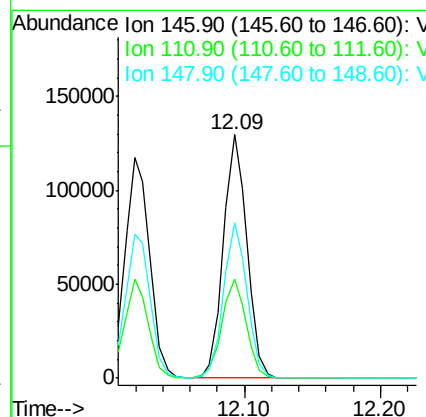
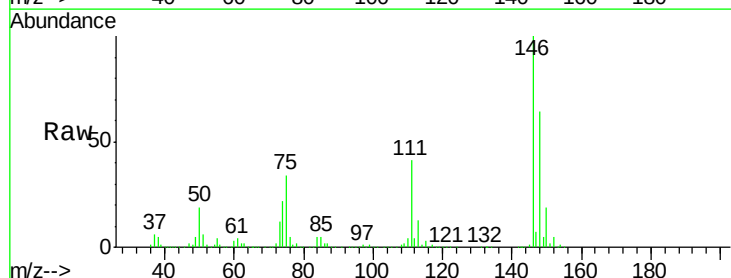
Manual Integrations
 APPROVED

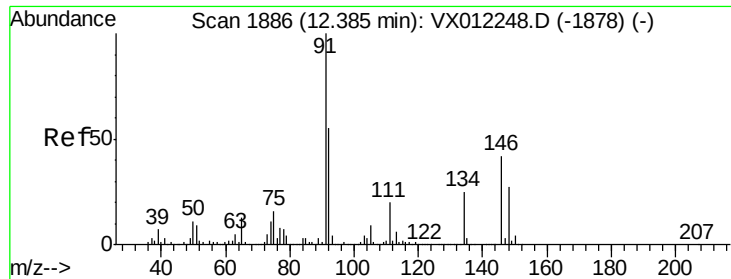
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 9/16/2019 1:21:13 PM



#88
 1,4-Dichlorobenzene
 Concen: 47.064 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012400.D
 Acq: 13 Sep 2019 21:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.6	64.8
148	63.5	32.4	97.2





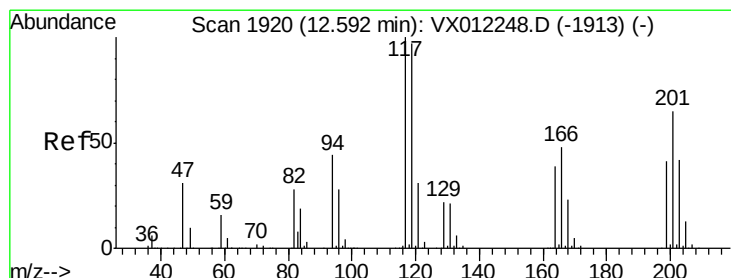
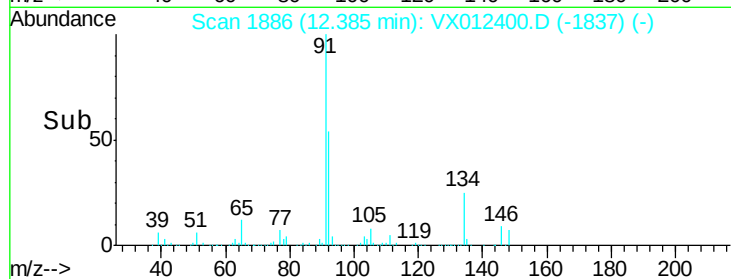
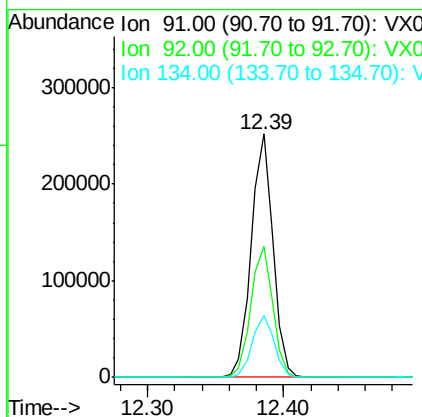
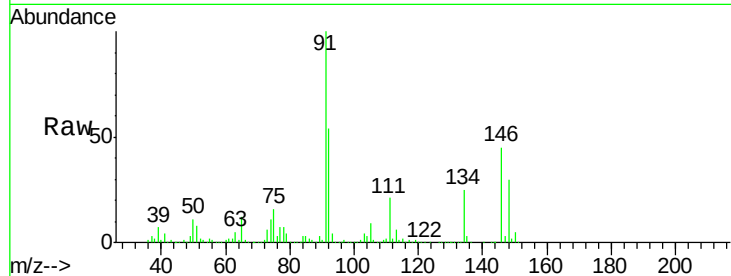
#89
n-Butylbenzene
Concen: 42.970 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	283167		
92	54.5		27.6	82.7
134	25.8		12.5	37.5

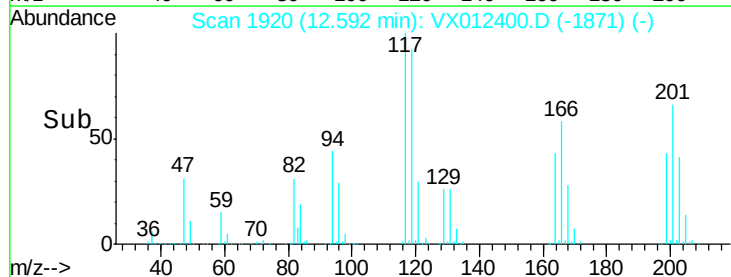
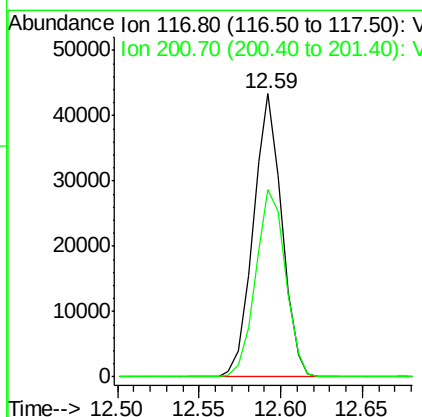
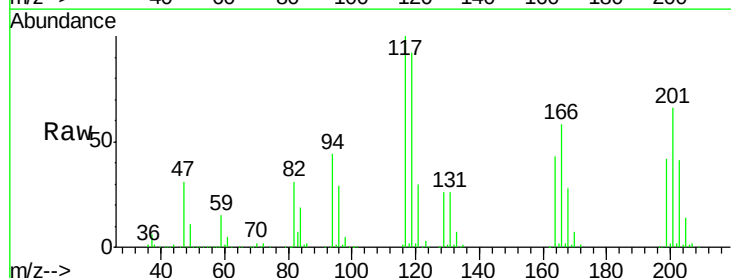
Manual Integrations
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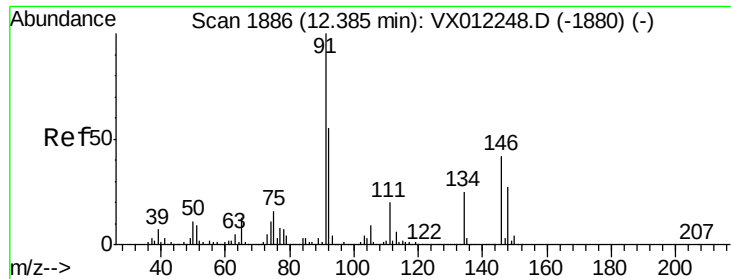
MMDadoda
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#90
Hexachloroethane
Concen: 42.783 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012400.D
Acq: 13 Sep 2019 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	52982		
201	69.0		32.2	96.6





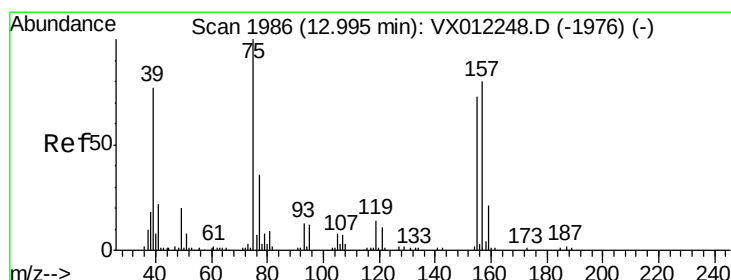
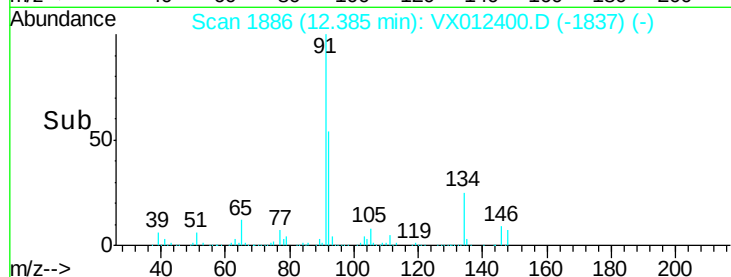
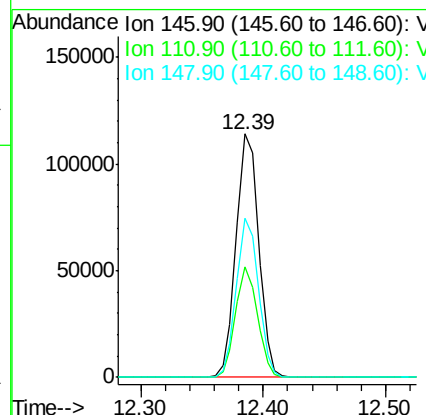
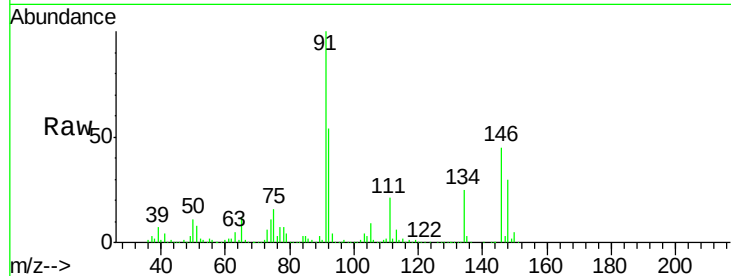
#91
 1,2-Dichlorobenzene
 Concen: 48.052 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012400.D
 Acq: 13 Sep 2019 21:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	145593		
111	44.4	23.2	69.6	
148	64.0	32.4	97.0	

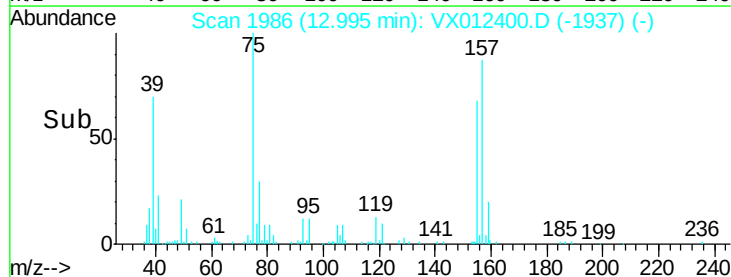
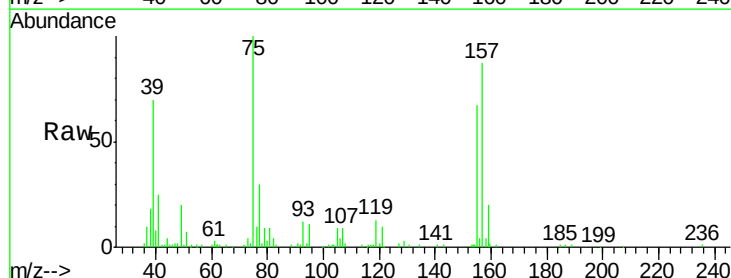
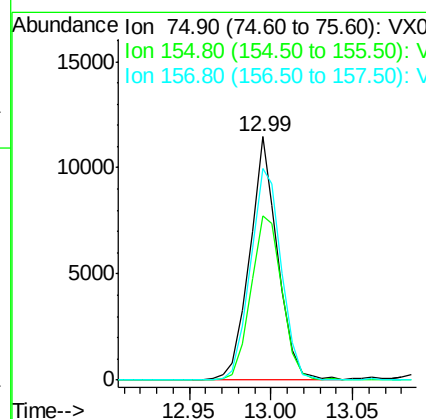
Manual Integrations
 APPROVED

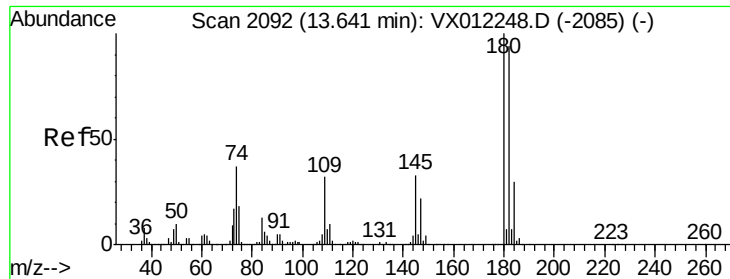
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 9/16/2019 1:21:13 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.651 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012400.D
 Acq: 13 Sep 2019 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	13670		
155	74.7	35.3	105.7	
157	95.4	43.2	129.6	





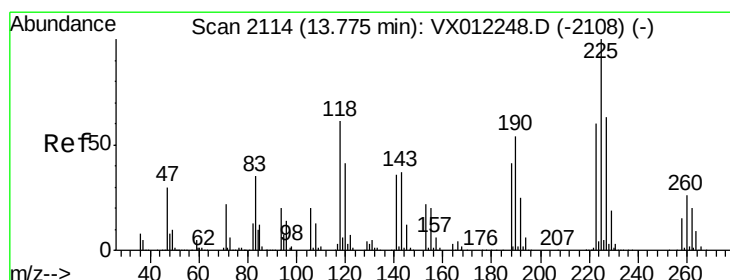
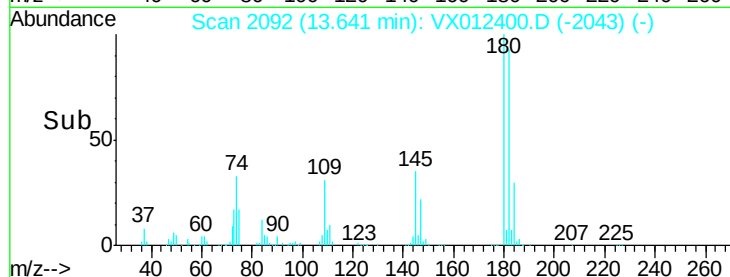
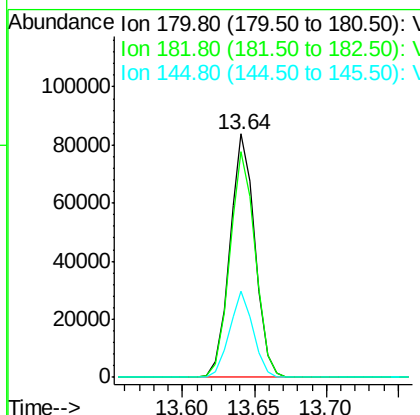
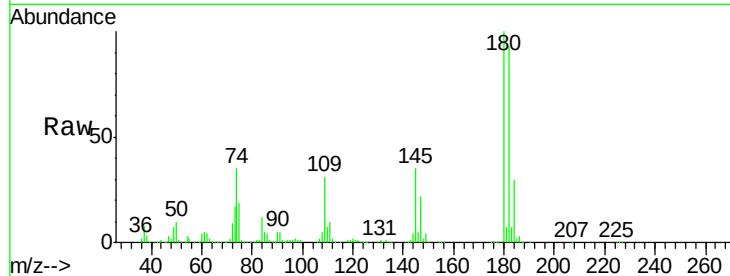
#93
 1,2,4-Trichlorobenzene
 Concen: 48.829 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012400.D
 Acq: 13 Sep 2019 21:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	102172		
182	94.2	46.9	140.8	
145	33.8	17.1	51.2	

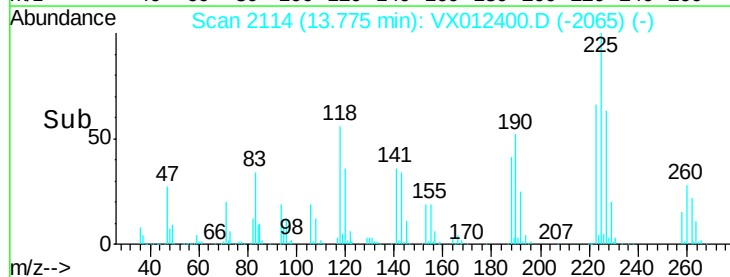
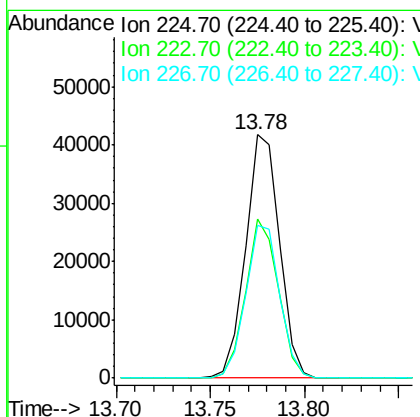
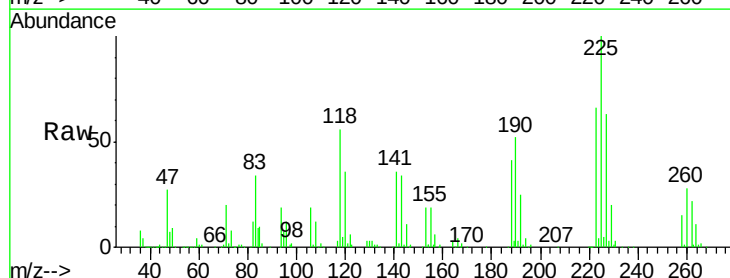
Manual Integrations
 APPROVED

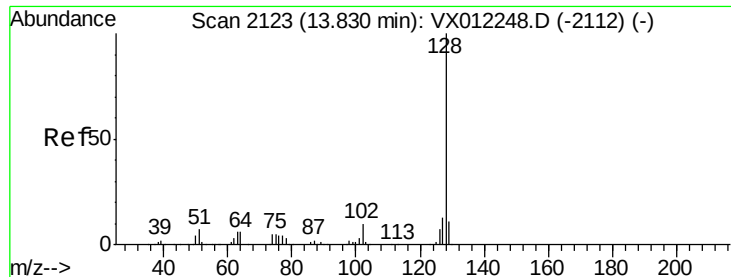
MMDadoda
 9/16/2019 1:21:13 PM



#94
 Hexachlorobutadiene
 Concen: 49.998 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX012400.D
 Acq: 13 Sep 2019 21:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	52045		
223	63.3	32.1	96.5	
227	63.1	32.5	97.5	





#95

Naphthalene

Concen: 50.775 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

Instrument :

MSVOA_X

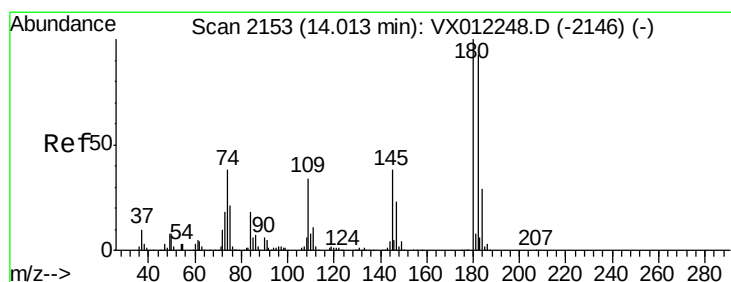
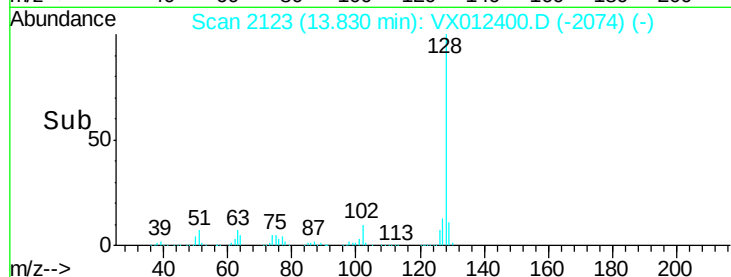
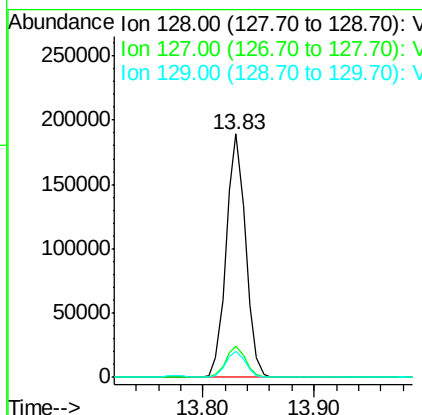
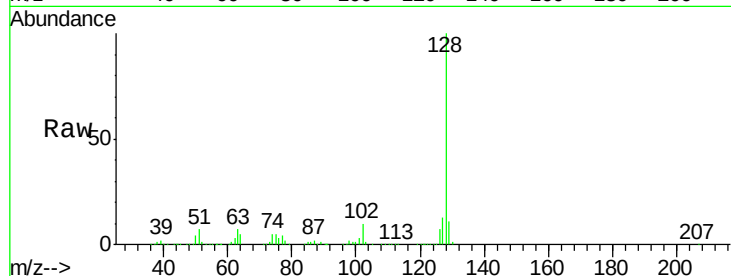
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	228001
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	10.9	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
9/16/2019 1:21:13 PM



#96

1,2,3-Trichlorobenzene

Concen: 51.285 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX012400.D

Acq: 13 Sep 2019 21:54

Tgt Ion:	180	Resp:	94948
Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.0	141.0
145	35.2	18.6	55.8

