

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100819\
 Data File : VX012882.D
 Acq On : 08 Oct 2019 11:04
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 10/9/2019 10:37:15 AM

Quant Time: Oct 09 01:30:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:14:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	174611	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	294640	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	258038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	111263	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	1582	0.800	ug/l	90
3) Chloromethane	1.32	50	2016	0.903	ug/l	97
4) Vinyl Chloride	1.40	62	1947	0.874	ug/l	90
6) Chloroethane	1.72	64	920	0.618	ug/l #	51
7) Trichlorofluoromethane	1.92	101	2561	0.821	ug/l	93
8) Diethyl Ether	2.17	74	1055	0.828	ug/l	72
9) 1,1,2-Trichlorotrifluoroet	2.37	101	1671	0.874	ug/l	97
12) 1,1-Dichloroethene	2.36	96	1763	0.942	ug/l	86
14) Allyl chloride	2.72	41	2847	0.776	ug/l	90
15) Acrylonitrile	3.14	53	4859	3.824	ug/l	97
16) Acetone	2.43	43	5619	4.241	ug/l	99
17) Carbon Disulfide	2.56	76	6043	1.150	ug/l	100
18) Methyl Acetate	2.76	43	2808	0.897	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	5237	0.746	ug/l	94
20) Methylene Chloride	2.84	84	2480	1.093	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	1898	0.917	ug/l	88
22) Diisopropyl ether	3.84	45	5329	0.751	ug/l #	68
23) Vinyl Acetate	3.80	43	21607	3.483	ug/l	99
24) 1,1-Dichloroethane	3.68	63	3147	0.814	ug/l #	90
25) 2-Butanone	4.66	43	6905	3.643	ug/l	99
26) 2,2-Dichloropropane	4.56	77	2625	0.767	ug/l	95
27) cis-1,2-Dichloroethene	4.58	96	2253	0.939	ug/l	97
28) Bromochloromethane	5.01	49	694	0.506	ug/l #	93
29) Tetrahydrofuran	5.12	42	4455	3.850	ug/l	94
30) Chloroform	5.19	83	3587	0.905	ug/l	85
32) 1,1,1-Trichloroethane	5.48	97	2475	0.708	ug/l #	47
36) 1,1-Dichloropropene	5.79	75	2545	0.891	ug/l	96
37) Ethyl Acetate	4.82	43	2837	0.861	ug/l #	77
38) Carbon Tetrachloride	5.76	117	2227	0.775	ug/l	86
39) Methylcyclohexane	7.46	83	2750	0.797	ug/l	97
40) Benzene	6.13	78	6762	0.807	ug/l	100
41) Methacrylonitrile	5.05	41	1413m	0.767	ug/l	
42) 1,2-Dichloroethane	6.18	62	2536	0.804	ug/l	88
43) Isopropyl Acetate	6.44	43	3894	0.708	ug/l #	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.20	130	2447	1.135	ug/l	94
45) 1,2-Dichloropropane	7.50	63	1728	0.806	ug/l #	81
46) Dibromomethane	7.66	93	1183	0.811	ug/l	98
47) Bromodichloromethane	7.89	83	2168	0.748	ug/l #	83
48) Methyl methacrylate	7.78	41	1880	0.714	ug/l	94
49) 1,4-Dioxane	7.74	88	755	12.470	ug/l #	73
51) 4-Methyl-2-Pentanone	8.64	43	11522	3.393	ug/l	96
52) Toluene	8.78	92	4497	0.855	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	2194	0.683	ug/l	91
54) cis-1,3-Dichloropropene	8.43	75	2492	0.710	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	1847	0.883	ug/l #	90
56) Ethyl methacrylate	9.18	69	2358	0.673	ug/l	97
57) 1,3-Dichloropropane	9.37	76	3192	0.872	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	6784	4.340	ug/l	98
59) 2-Hexanone	9.49	43	9123	3.517	ug/l	90
60) Dibromochloromethane	9.58	129	1398	0.660	ug/l	100
61) 1,2-Dibromoethane	9.67	107	1835	0.843	ug/l	99
64) Tetrachloroethene	9.33	164	1897	1.040	ug/l	87
65) Chlorobenzene	10.14	112	5196	0.954	ug/l #	81
66) 1,1,1,2-Tetrachloroethane	10.22	131	1321	0.669	ug/l #	59
67) Ethyl Benzene	10.24	91	8250	0.835	ug/l	100
68) m/p-Xylenes	10.35	106	6097	1.649	ug/l	97
69) o-Xylene	10.70	106	2920	0.815	ug/l	99
70) Styrene	10.71	104	4541	0.755	ug/l	95
71) Bromoform	10.85	173	892	0.645	ug/l #	99
73) Isopropylbenzene	11.01	105	7693	0.848	ug/l	99
74) N-amyl acetate	10.90	43	2667	0.627	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	2660	0.891	ug/l	94
76) 1,2,3-Trichloropropane	11.29	75	2347m	0.825	ug/l	
77) Bromobenzene	11.25	156	1858	0.902	ug/l	94
78) n-propylbenzene	11.35	91	8147	0.802	ug/l	98
79) 2-Chlorotoluene	11.42	91	5544	0.873	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	5975	0.786	ug/l	95
82) 4-Chlorotoluene	11.51	91	5978	0.825	ug/l	98
83) tert-Butylbenzene	11.76	119	5964	0.810	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	6018	0.783	ug/l	99
85) sec-Butylbenzene	11.94	105	6755	0.790	ug/l	100
86) p-Isopropyltoluene	12.06	119	6214	0.806	ug/l	91
87) 1,3-Dichlorobenzene	12.02	146	3664	0.985	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	4050m	1.081	ug/l	
89) n-Butylbenzene	12.38	91	5463	0.807	ug/l	99
90) Hexachloroethane	12.59	117	800	0.585	ug/l	65
91) 1,2-Dichlorobenzene	12.38	146	3541	0.955	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	531	0.717	ug/l	86
93) 1,2,4-Trichlorobenzene	13.64	180	2427	1.066	ug/l	93
94) Hexachlorobutadiene	13.78	225	1143	1.156	ug/l	94
95) Naphthalene	13.83	128	7597	0.931	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	2562	1.125	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

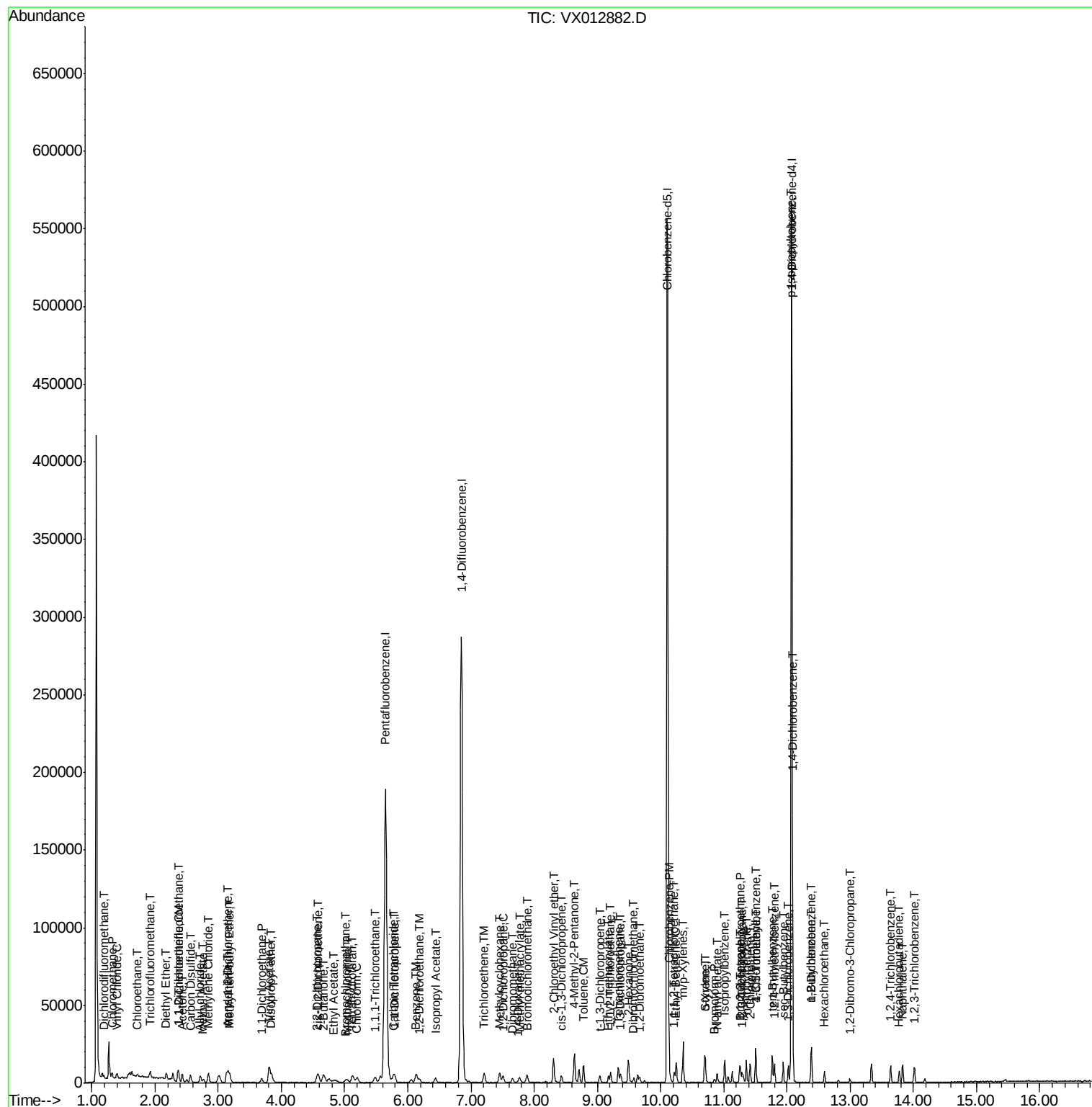
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100819\
Data File : VX012882.D
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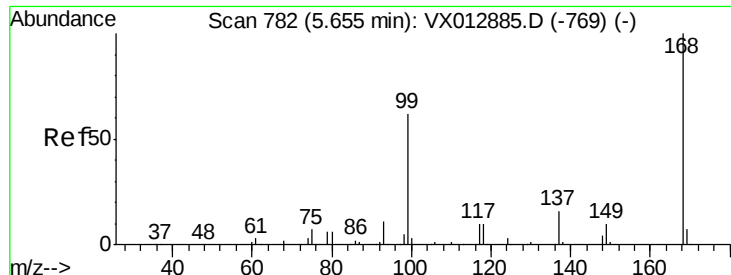
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 174611

Ion Ratio Lower Upper

168 100

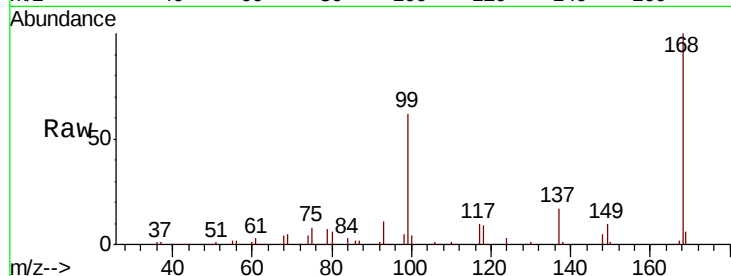
99 62.3 49.4 74.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

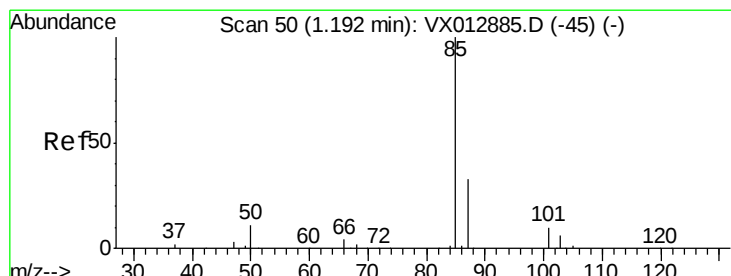
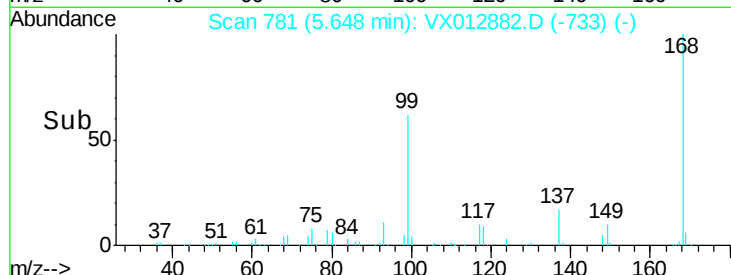
60000

40000

20000

0

Time--> 5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 0.800 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX012882.D

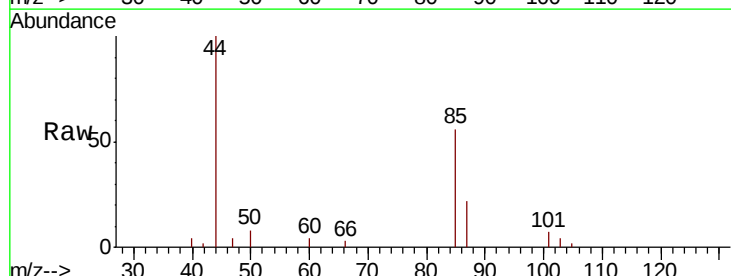
Acq: 08 Oct 2019 11:04

Tgt Ion: 85 Resp: 1582

Ion Ratio Lower Upper

85 100

87 38.5 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

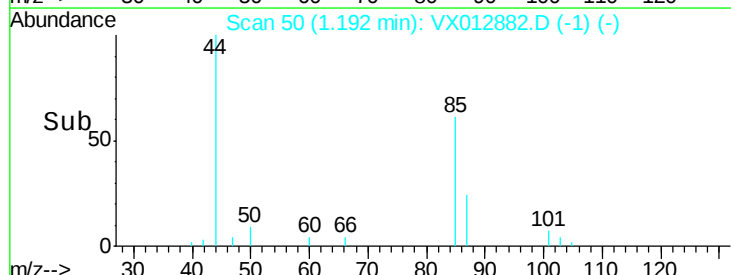
1500

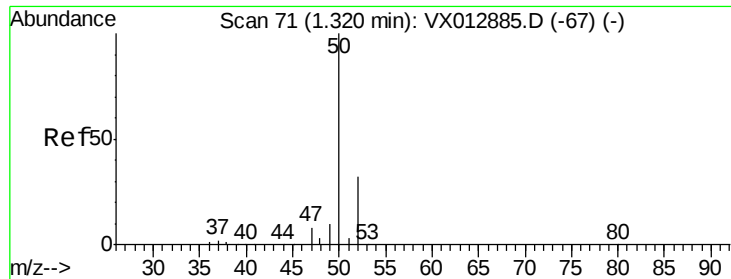
1000

500

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 0.903 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 2016

Ion Ratio Lower Upper

50 100

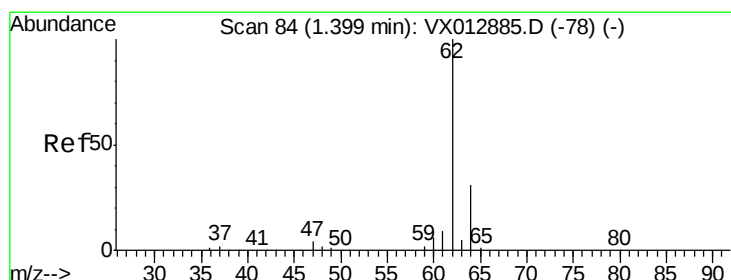
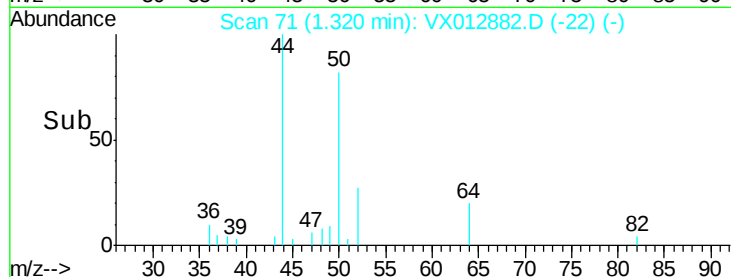
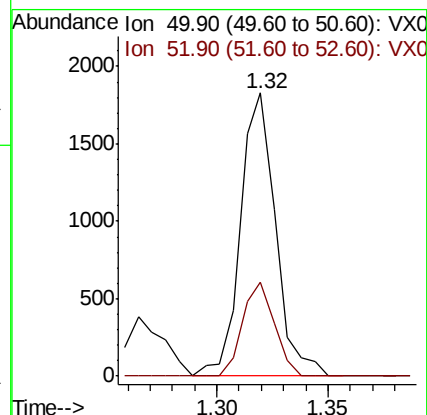
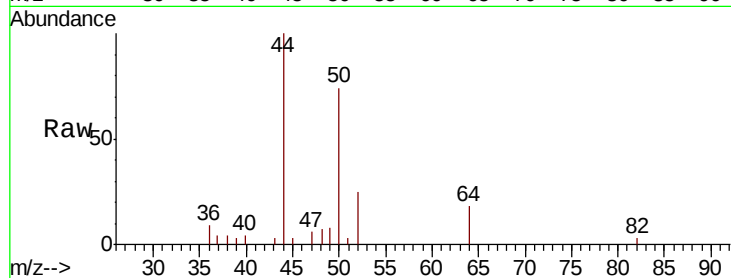
52 33.1 25.2 37.8

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#4

Vinyl Chloride

Concen: 0.874 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012882.D

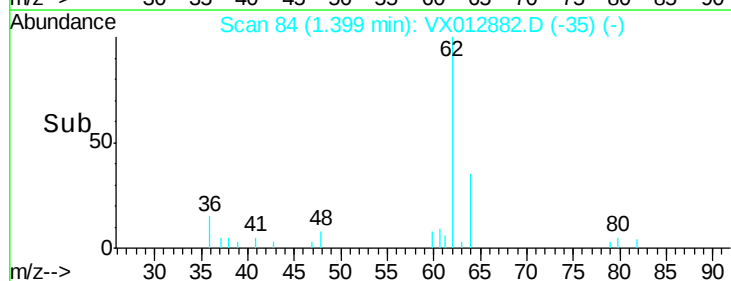
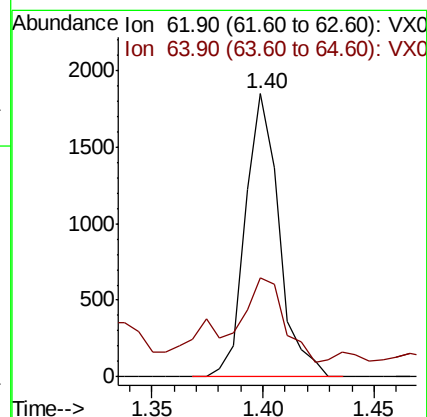
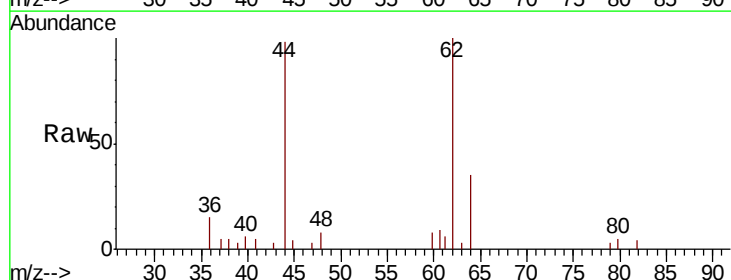
Acq: 08 Oct 2019 11:04

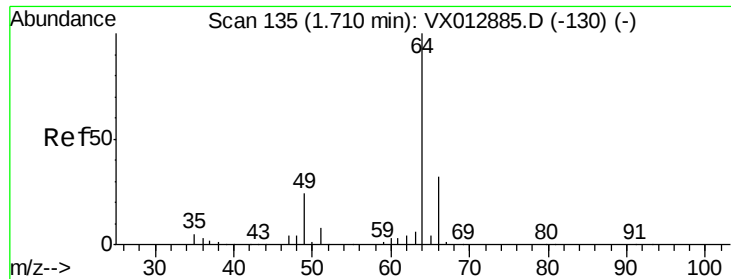
Tgt Ion: 62 Resp: 1947

Ion Ratio Lower Upper

62 100

64 26.1 25.3 37.9





#6

Chloroethane

Concen: 0.618 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 64 Resp: 920

Ion Ratio Lower Upper

64 100

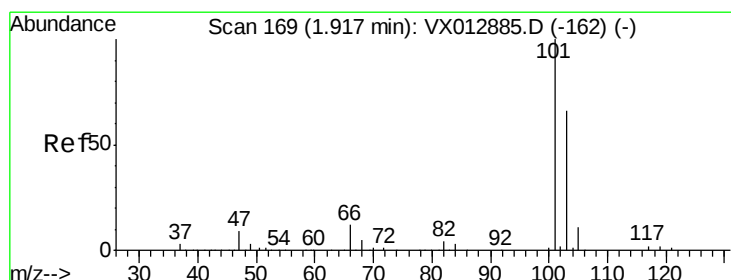
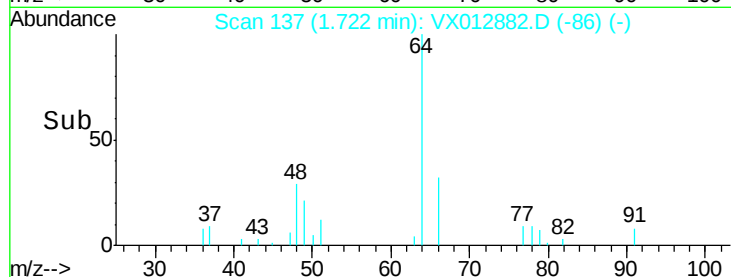
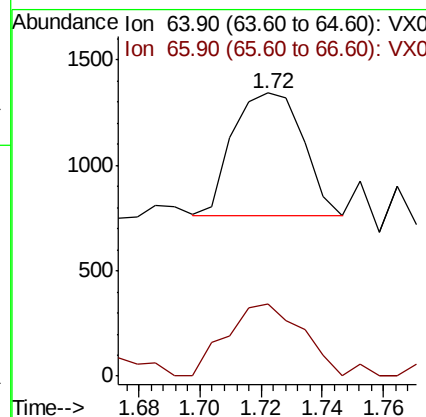
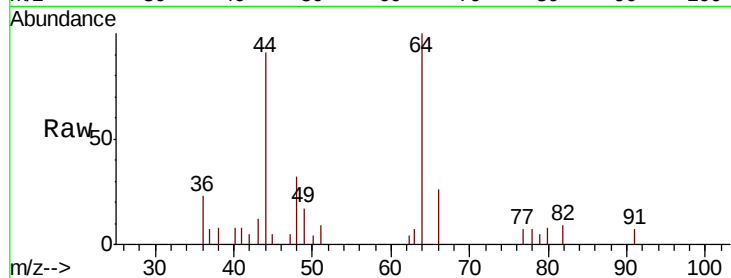
66 59.2 25.6 38.4#

Manual Integrations

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10/9/2019 10:37:15 AM



#7

Trichlorofluoromethane

Concen: 0.821 ug/l

RT: 1.92 min Scan# 170

Delta R.T. 0.01 min

Lab File: VX012882.D

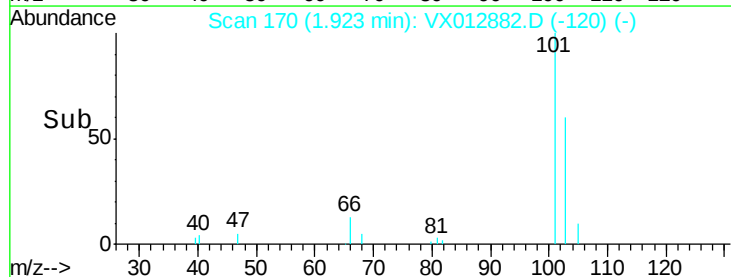
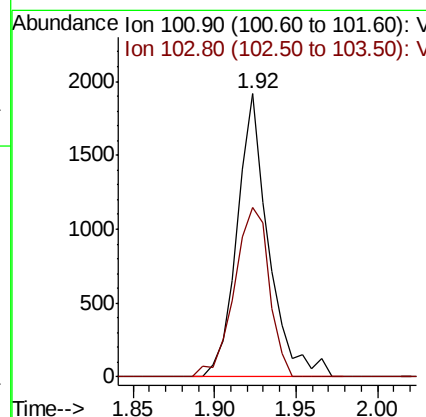
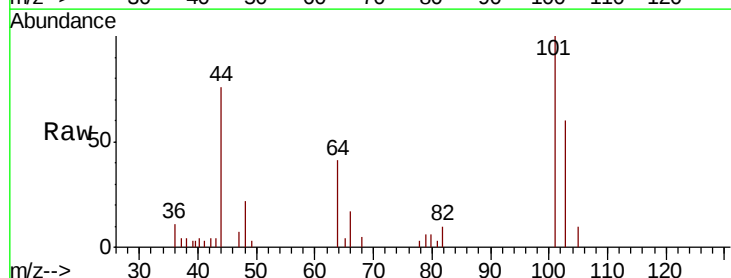
Acq: 08 Oct 2019 11:04

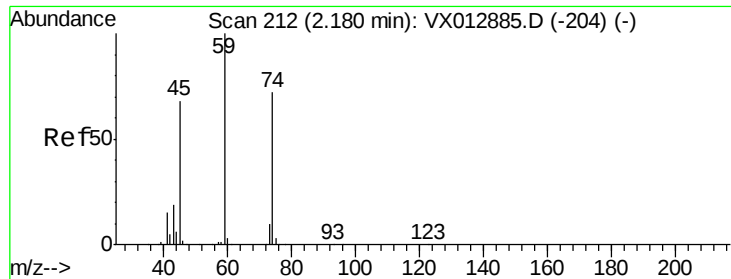
Tgt Ion: 101 Resp: 2561

Ion Ratio Lower Upper

101 100

103 59.9 52.5 78.7





#8

Diethyl Ether

Concen: 0.828 ug/l

RT: 2.17 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 74 Resp: 1055

Ion Ratio Lower Upper

74 100

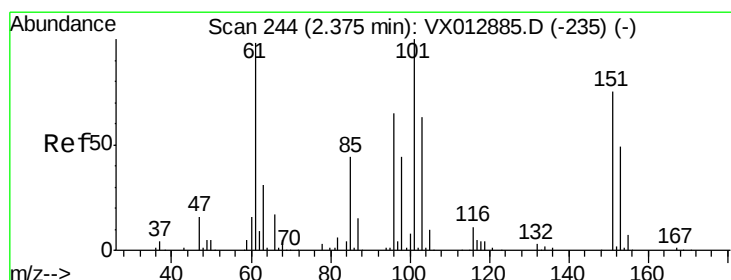
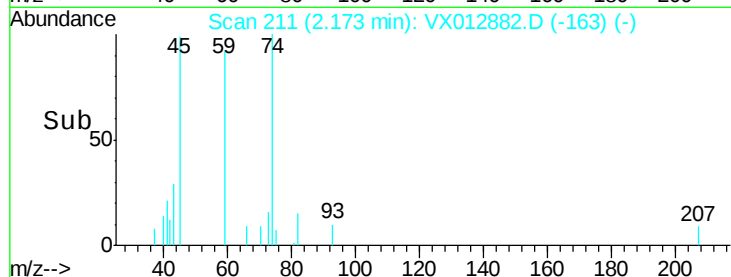
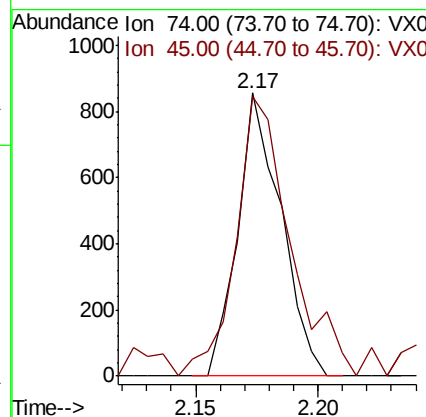
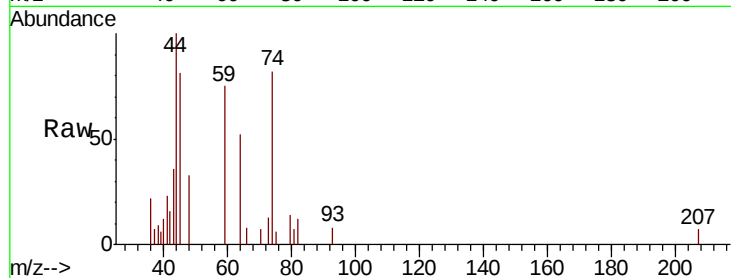
45 123.1 47.8 143.4

Manual Integrations

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#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.874 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

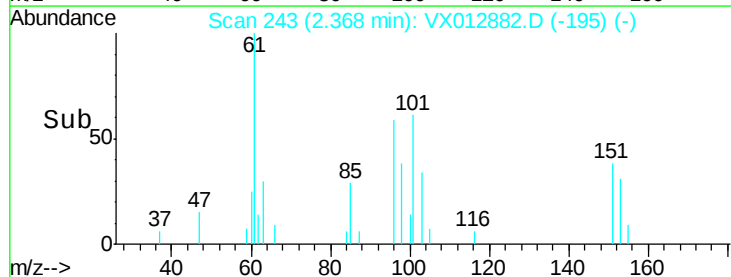
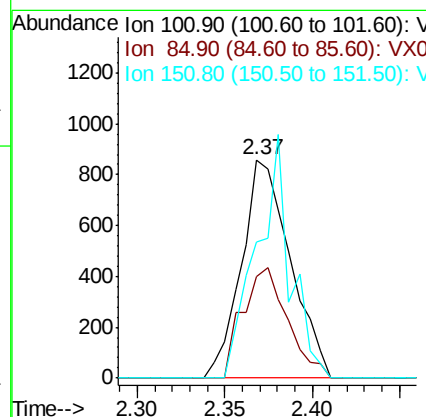
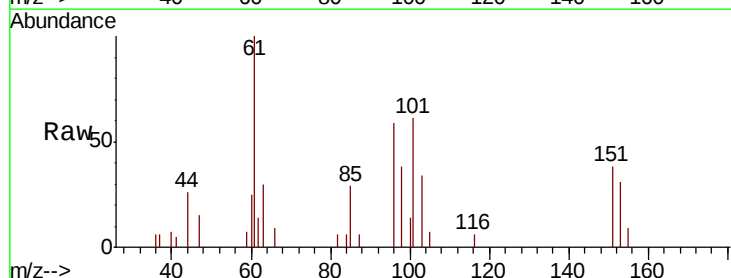
Tgt Ion: 101 Resp: 1671

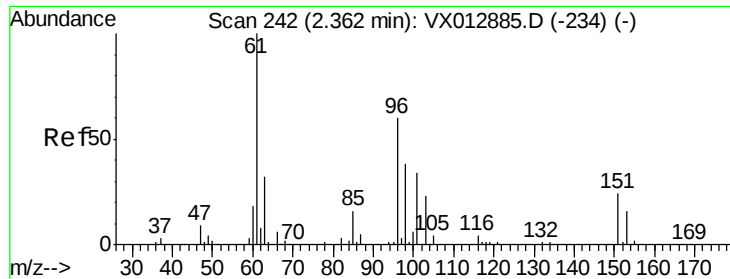
Ion Ratio Lower Upper

101 100

85 46.5 35.2 52.8

151 77.1 60.3 90.5





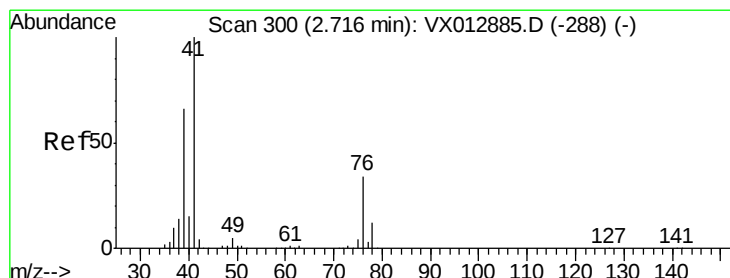
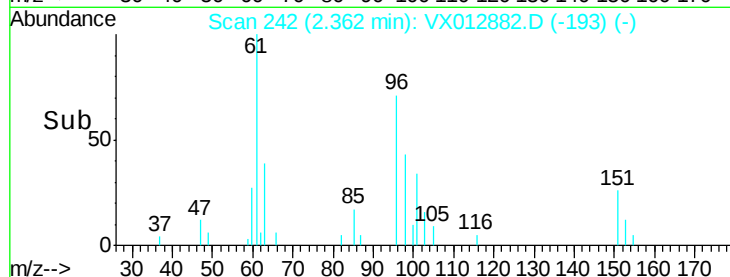
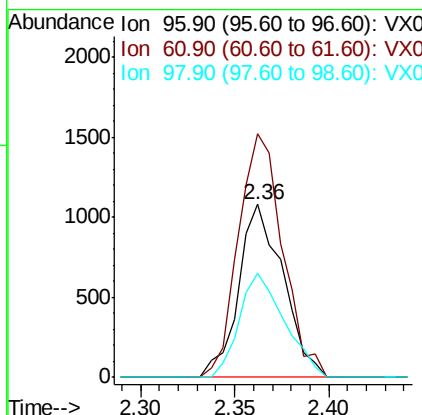
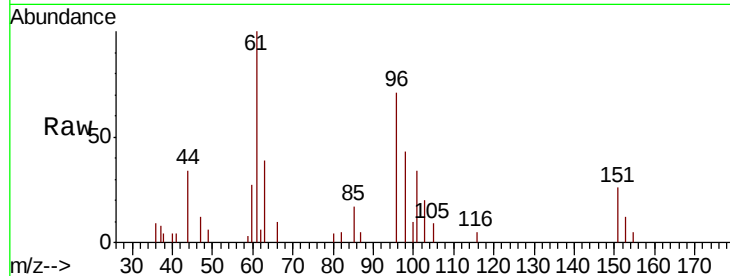
#12
1,1-Dichloroethene
Concen: 0.942 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.9	132.2	198.4
98	60.5	50.5	75.7

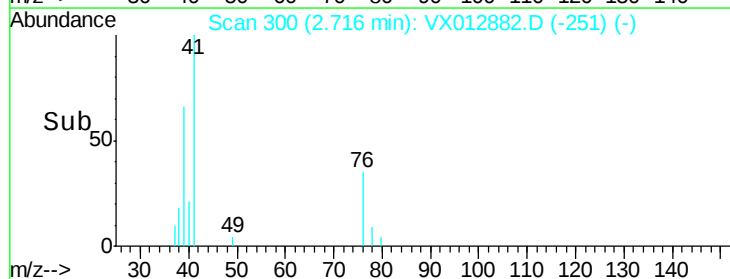
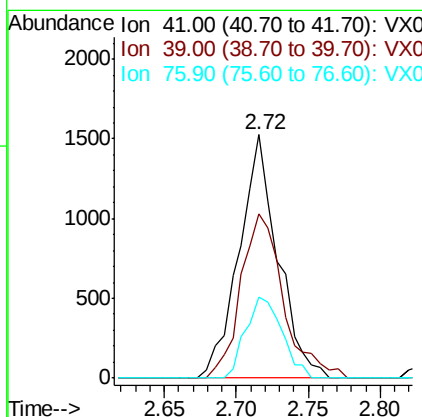
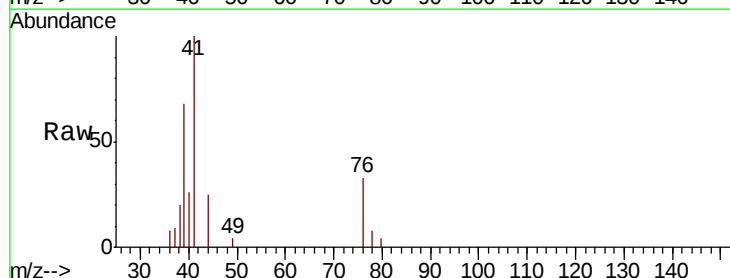
Manual Integrations
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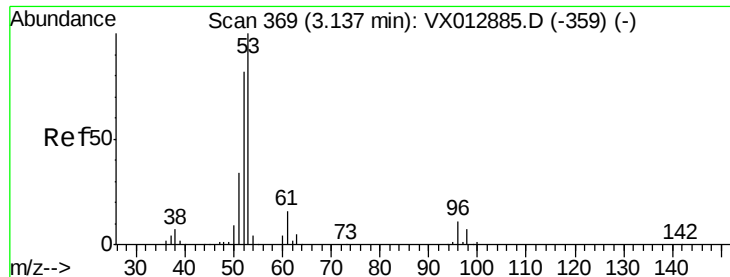
MMDadoda
10/9/2019 10:37:15 AM



#14
Allyl chloride
Concen: 0.776 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Tgt Ion	Ratio	Lower	Upper
41	100		
39	74.1	51.0	76.6
76	31.2	26.2	39.4





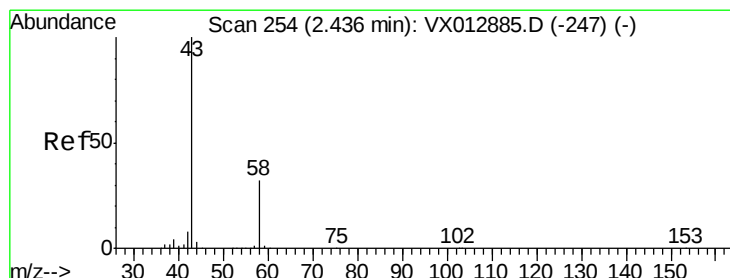
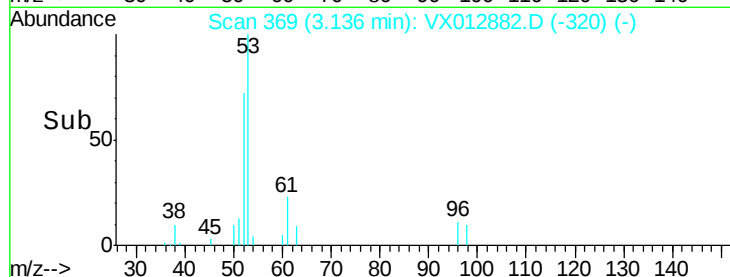
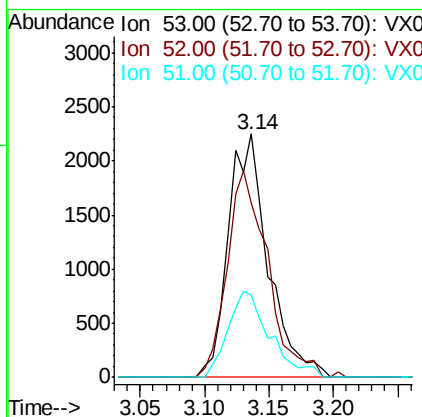
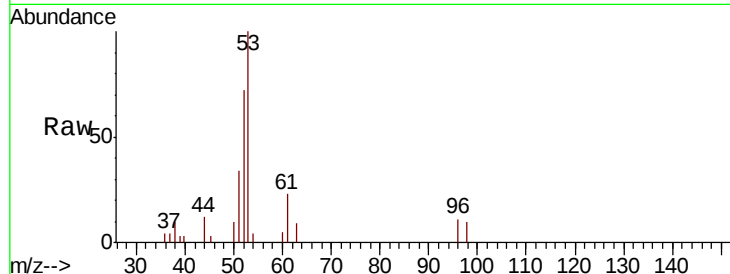
#15
 Acrylonitrile
 Concen: 3.824 ug/l
 RT: 3.14 min Scan# 369
 Delta R.T. -0.00 min
 Lab File: VX012882.D
 Acq: 08 Oct 2019 11:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
53	100		
52	86.0	66.2	99.2
51	37.1	28.2	42.4

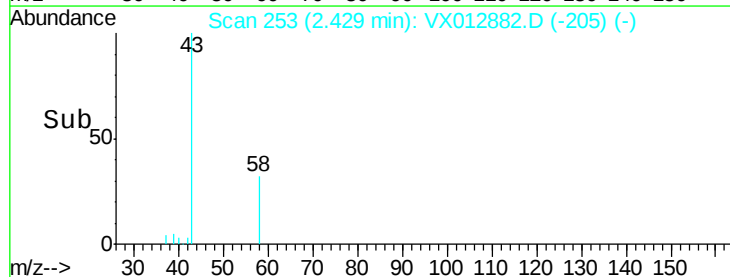
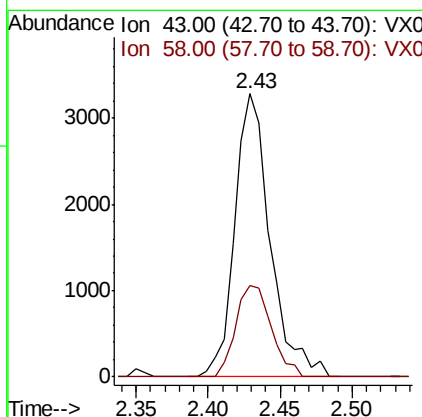
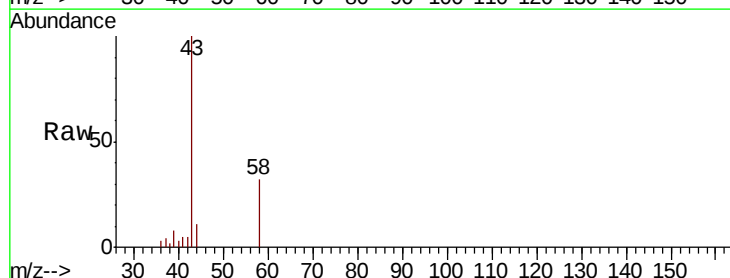
Manual Integrations
 APPROVED

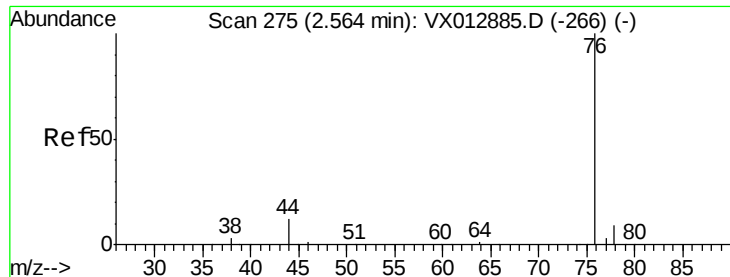
MMDadoda
 10/9/2019 10:37:15 AM



#16
 Acetone
 Concen: 4.241 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: VX012882.D
 Acq: 08 Oct 2019 11:04

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.2	25.4	38.2





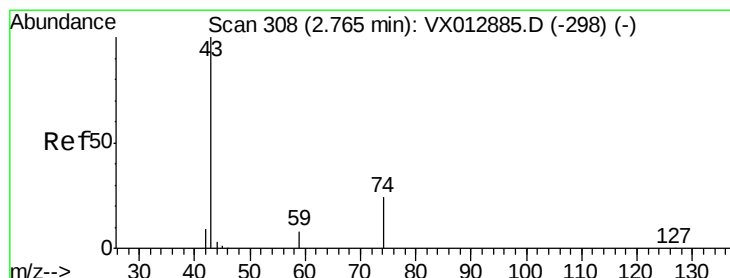
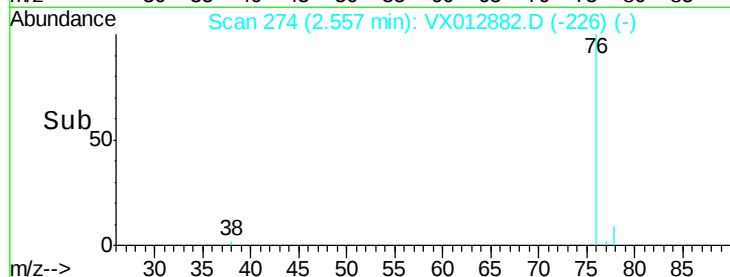
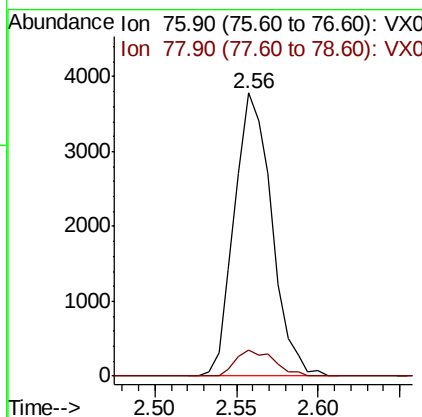
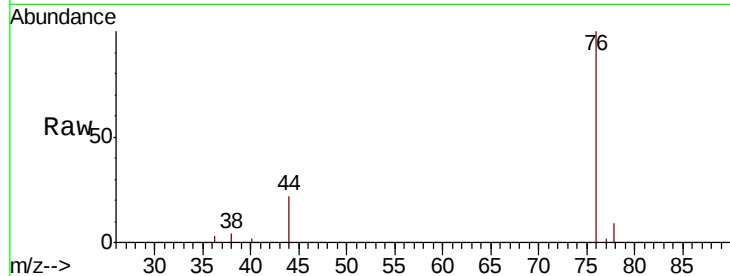
#17
Carbon Disulfide
Concen: 1.150 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.1	10.7

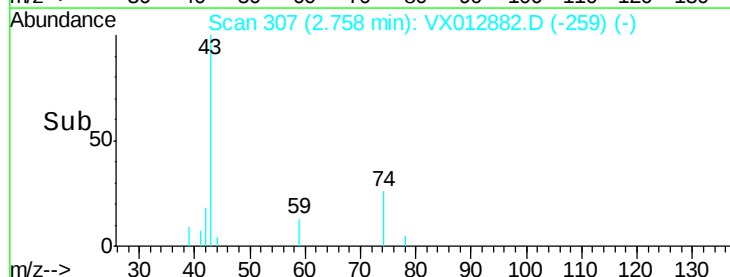
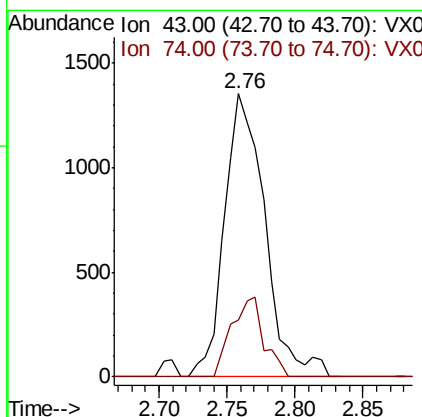
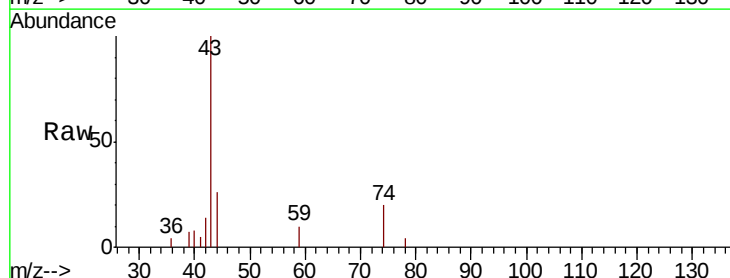
Manual Integrations
APPROVED

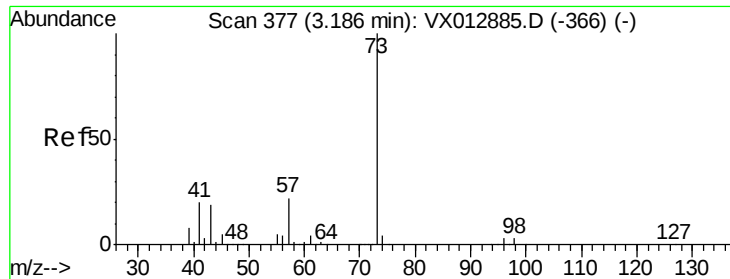
MMDadoda
10/9/2019 10:37:15 AM



#18
Methyl Acetate
Concen: 0.897 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.3	19.2	28.8





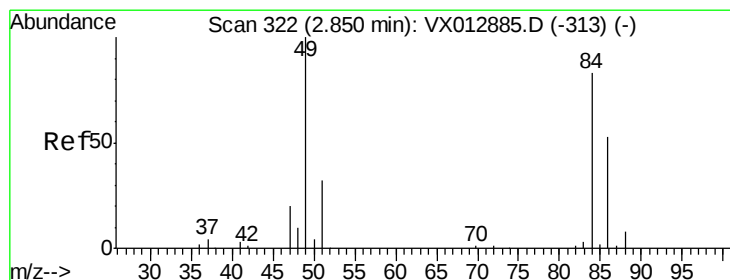
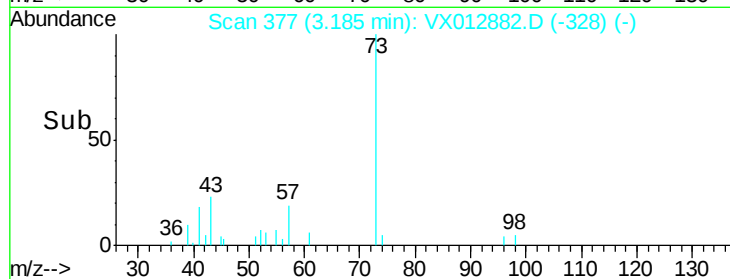
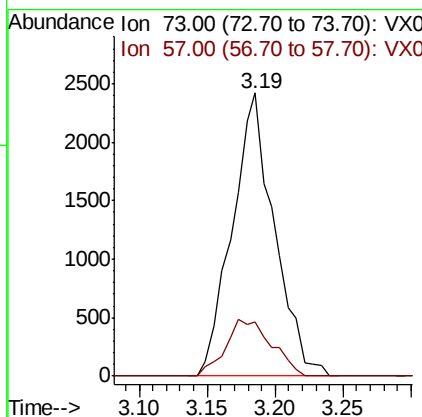
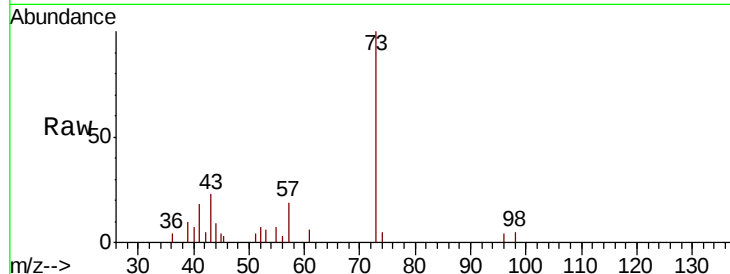
#19
Methyl tert-butyl Ether
Concen: 0.746 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.2	17.8	26.6

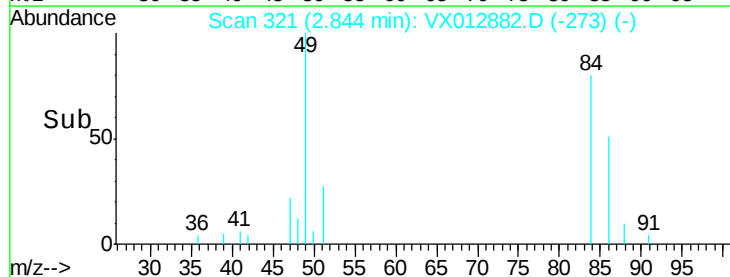
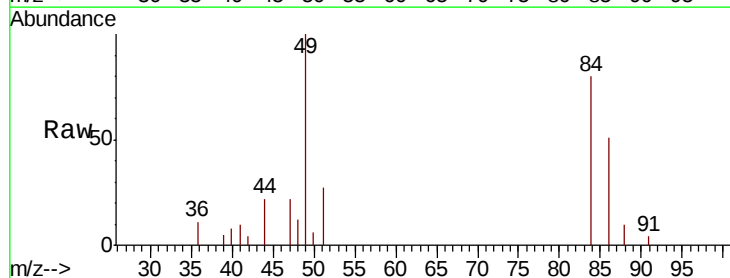
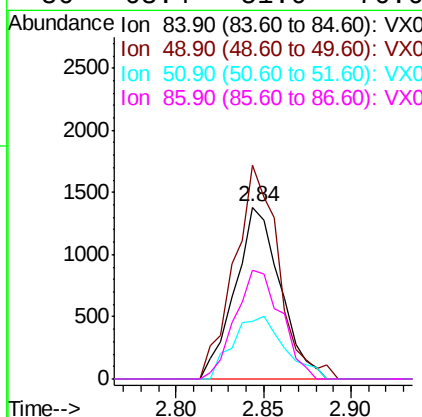
Manual Integrations
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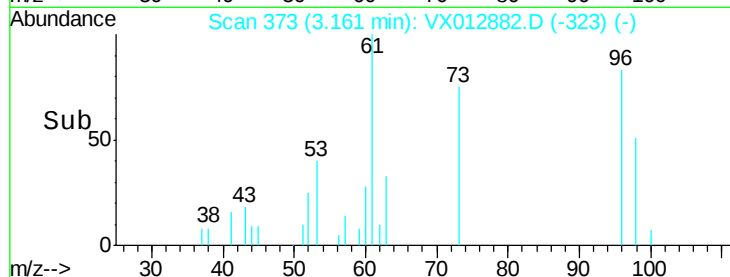
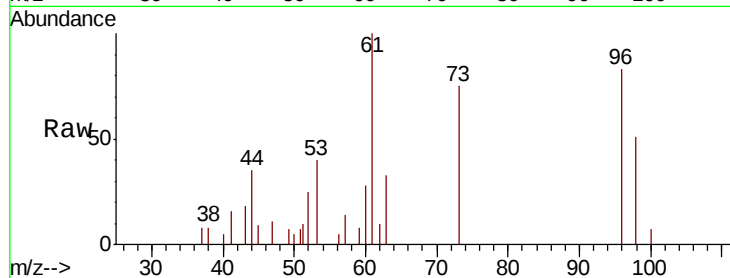
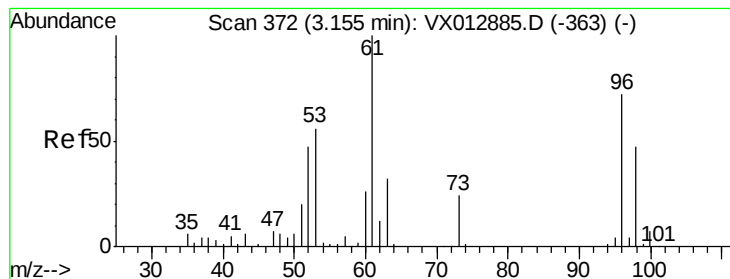
MMDadoda
10/9/2019 10:37:15 AM



#20
Methylene Chloride
Concen: 1.093 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.5	96.6	144.8
51	33.8	30.7	46.1
86	63.4	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 0.917 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

Tot Ion:	96	Resp:	1898
Ion	Ratio	Lower	Upper
96	100		
61	119.8	110.4	165.6
98	61.2	51.5	77.3

Instrument :

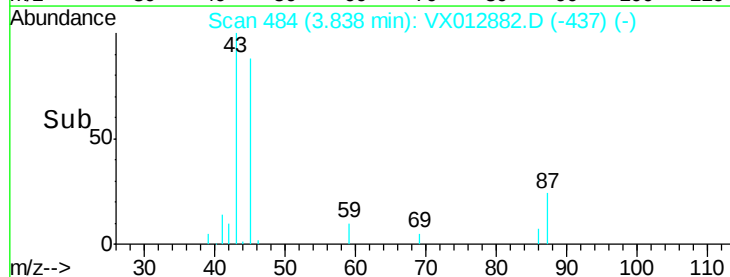
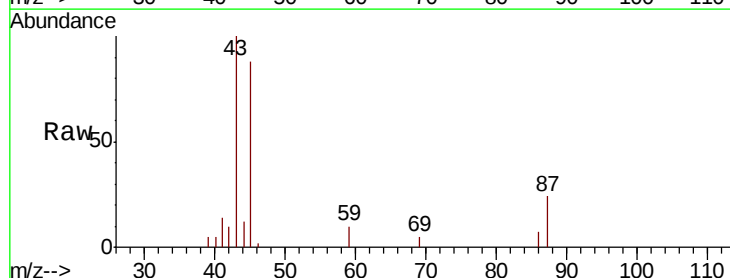
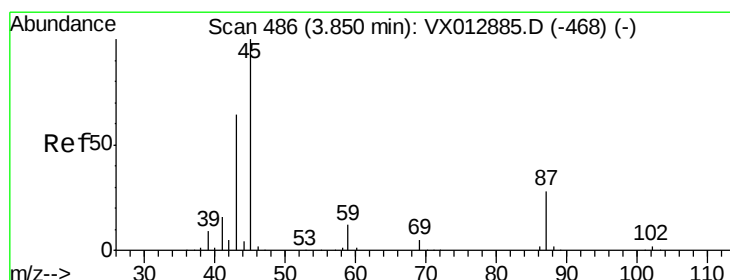
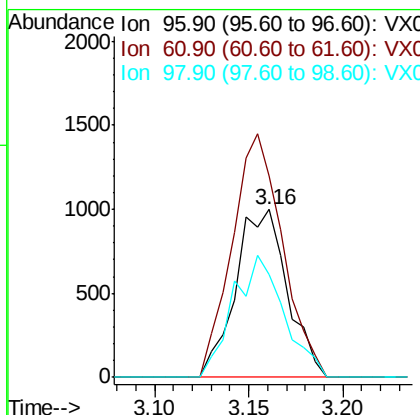
MSVOA_X

ClientSampleId :

VSTDIC001

Manual Integrations
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#22

Diisopropyl ether

Concen: 0.751 ug/l

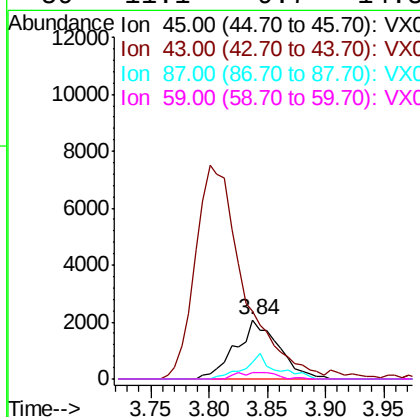
RT: 3.84 min Scan# 484

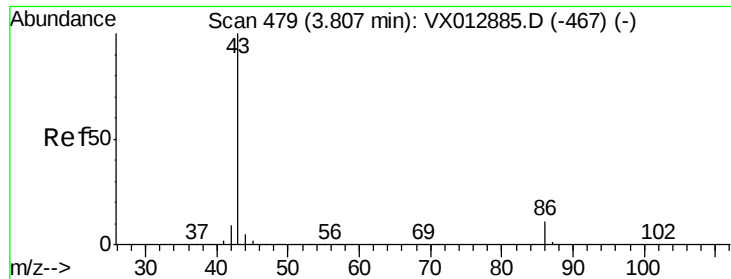
Delta R.T. -0.01 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

Tgt Ion:	45	Resp:	5329
Ion	Ratio	Lower	Upper
45	100		
43	103.4	51.4	77.0#
87	27.1	22.5	33.7
59	11.1	9.7	14.5





#23

Vinyl Acetate

Concen: 3.483 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 21607

Ion Ratio Lower Upper

43 100

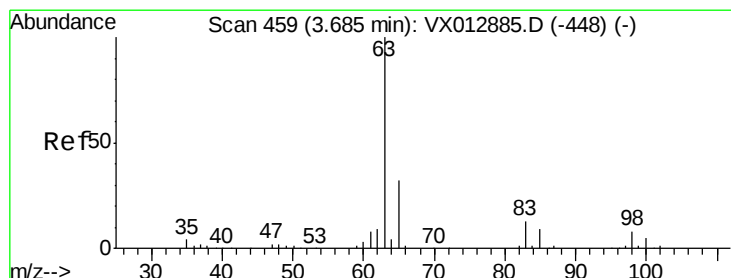
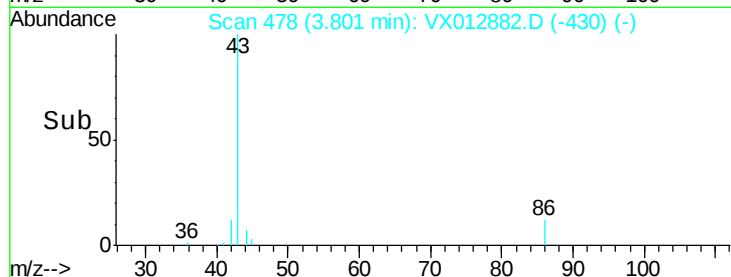
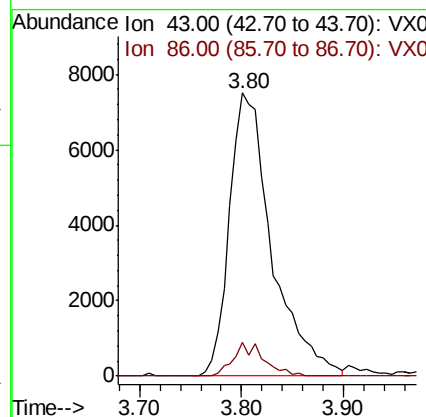
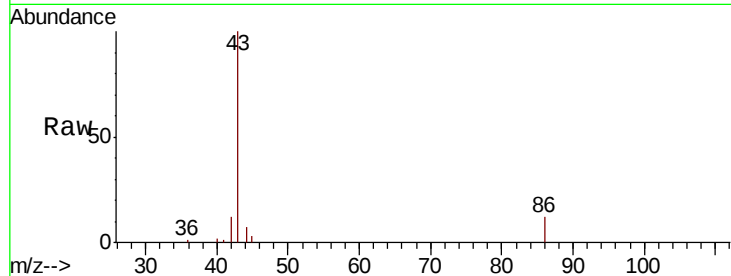
86 11.8 9.0 13.6

Manual Integrations

APPROVED

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#24

1,1-Dichloroethane

Concen: 0.814 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

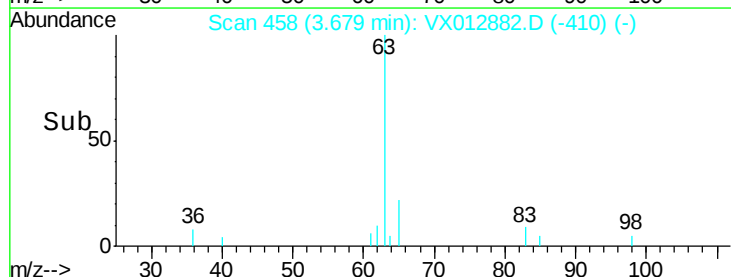
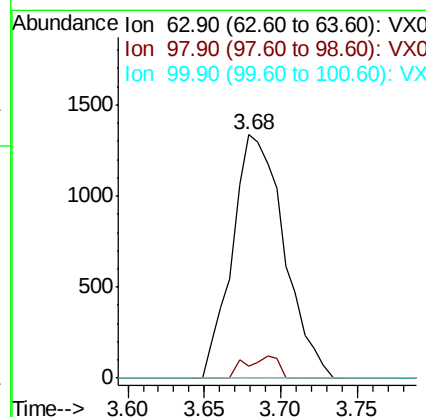
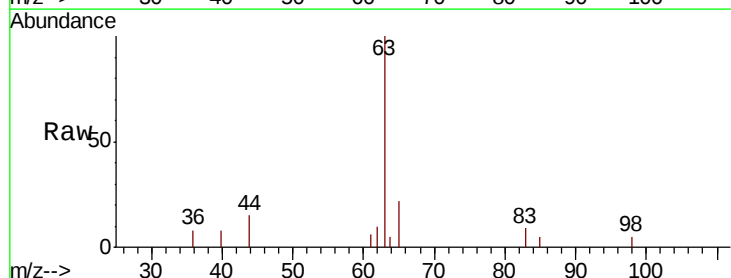
Tgt Ion: 63 Resp: 3147

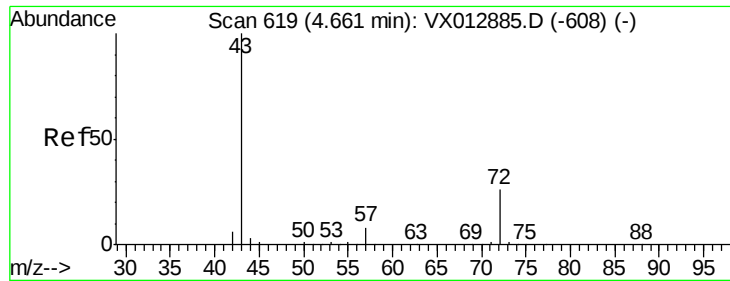
Ion Ratio Lower Upper

63 100

98 5.1 3.9 11.5

100 0.0 2.3 6.9#





#25

2-Butanone

Concen: 3.643 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

Tot Ion: 43 Resp: 6905

Ion Ratio Lower Upper

43 100

72 25.9 21.0 31.6

Instrument :

MSVOA_X

ClientSampled :

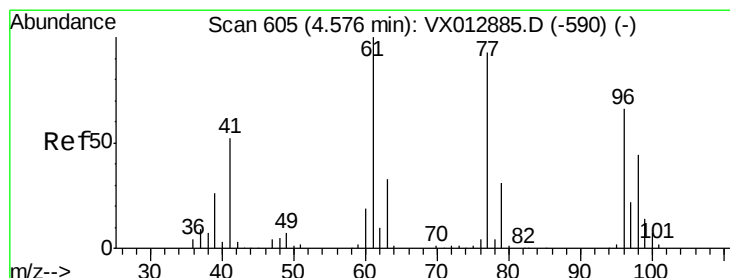
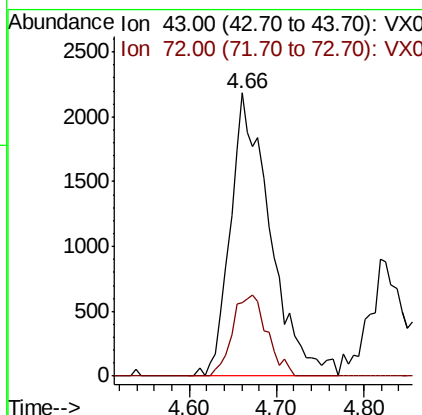
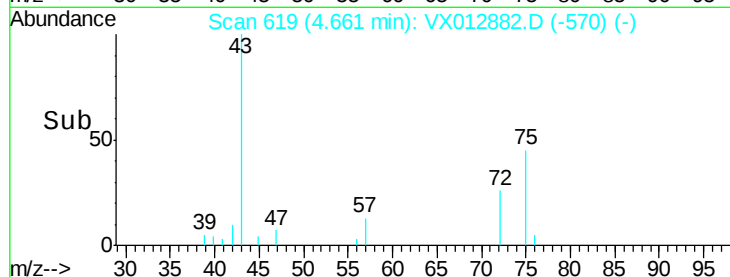
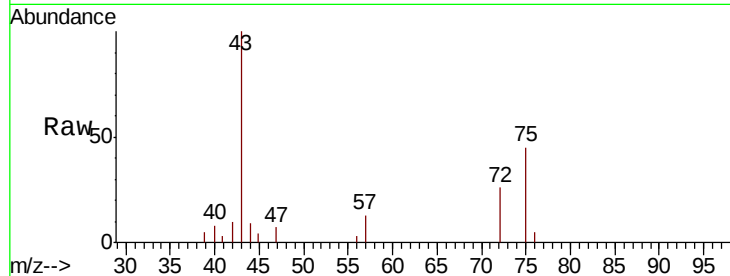
VSTDIC001

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 0.767 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX012882.D

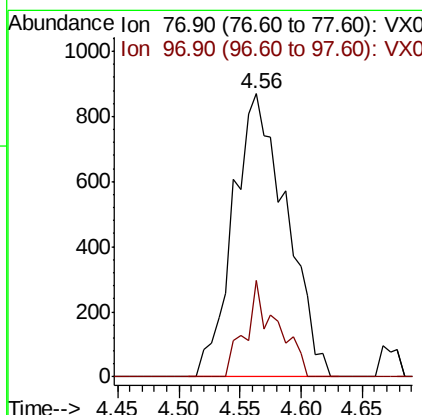
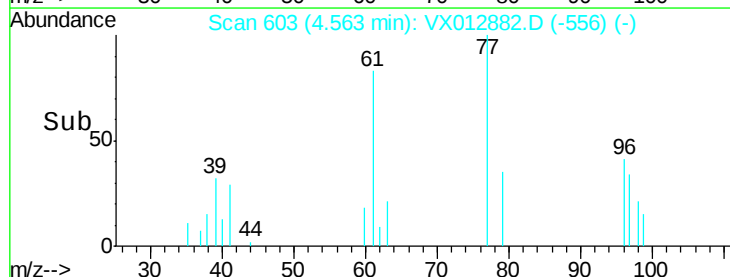
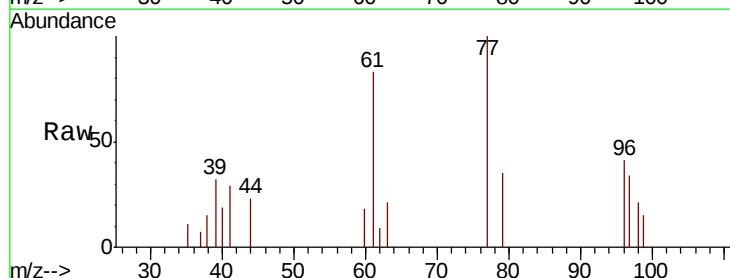
Acq: 08 Oct 2019 11:04

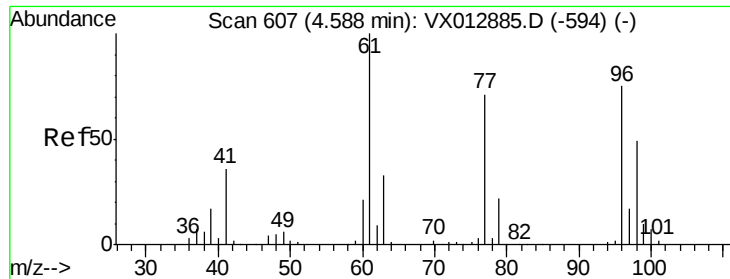
Tgt Ion: 77 Resp: 2625

Ion Ratio Lower Upper

77 100

97 20.3 11.3 33.9





#27

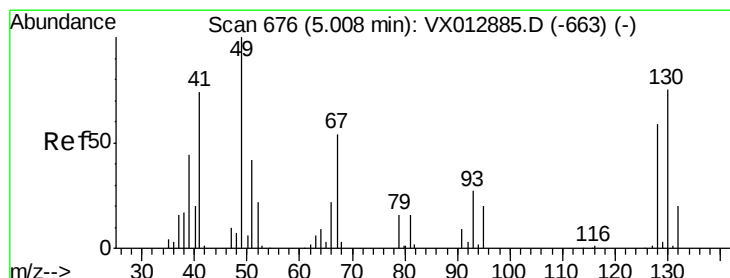
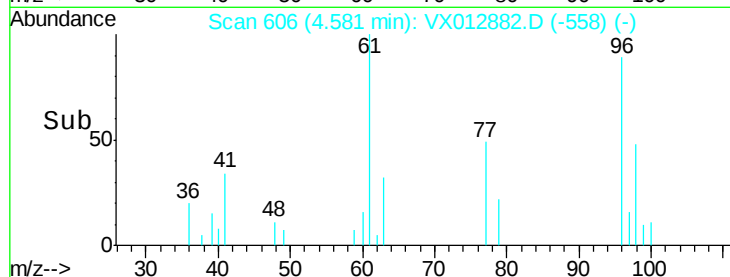
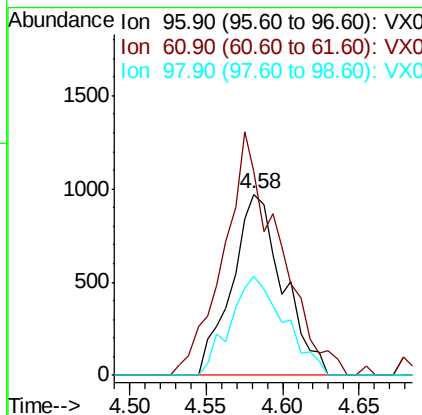
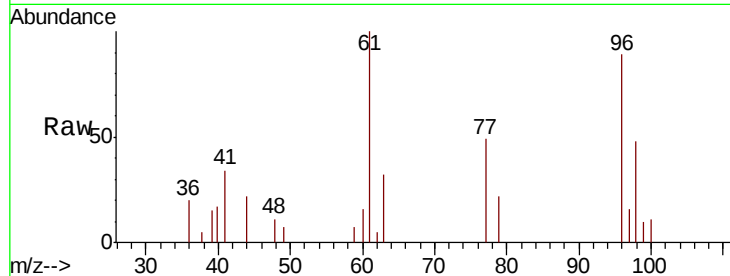
cis-1,2-Dichloroethene
Concen: 0.939 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.3	0.0	290.6
98	58.1	0.0	128.8

Manual Integrations
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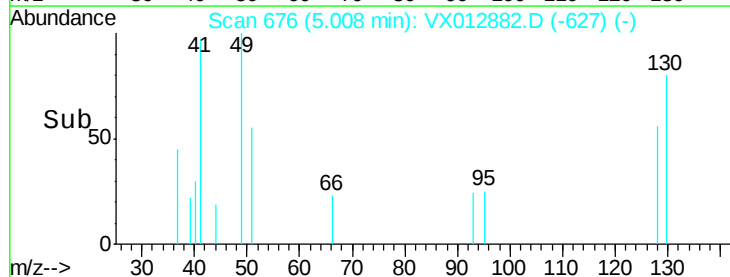
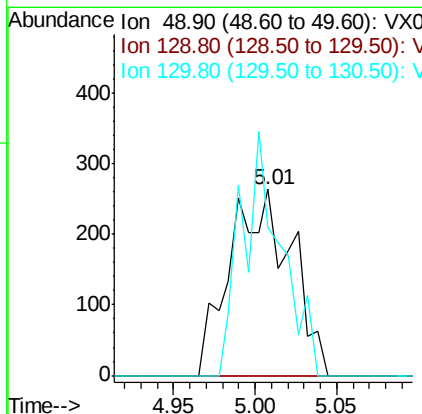
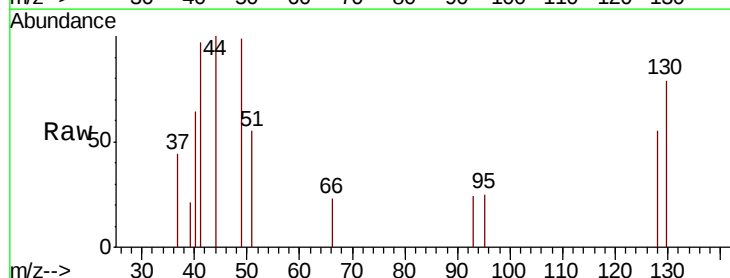
MMDadoda
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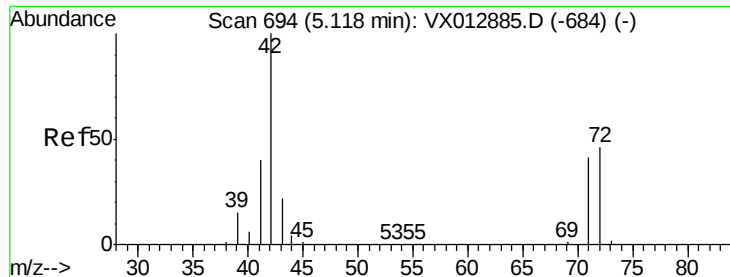


#28

Bromochloromethane
Concen: 0.506 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.00 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	83.6	62.1	93.1





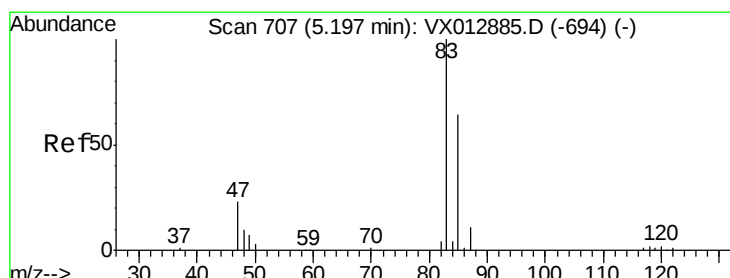
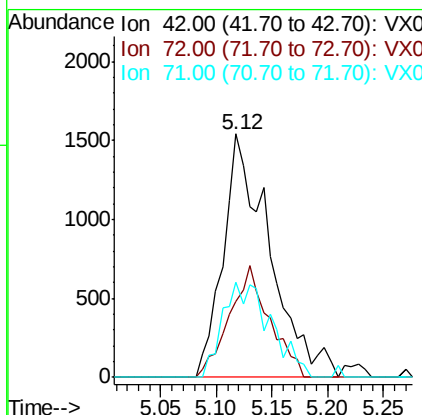
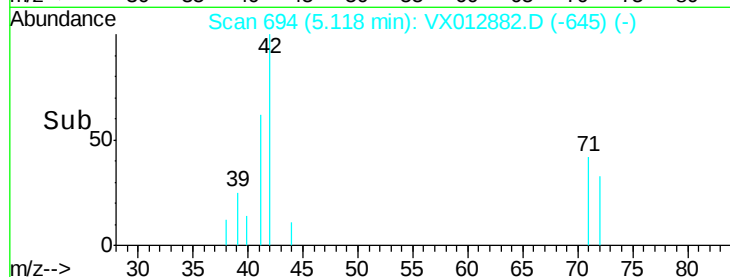
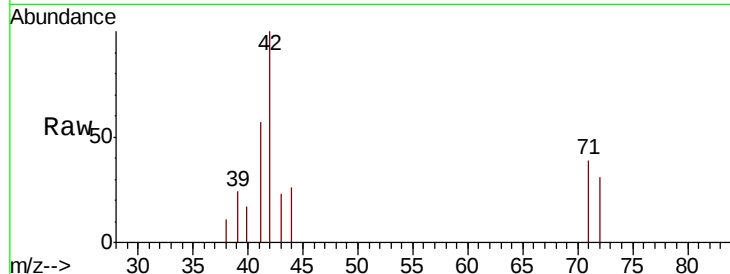
#29
Tetrahydrofuran
Concen: 3.850 ug/l
RT: 5.12 min Scan# 694
Delta R.T. -0.00 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:	42	Resp:	4455
Ion	Ratio	Lower	Upper
42	100		
72	39.6	36.9	55.3
71	40.5	33.5	50.3

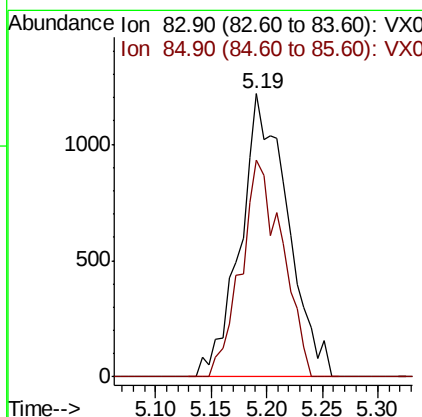
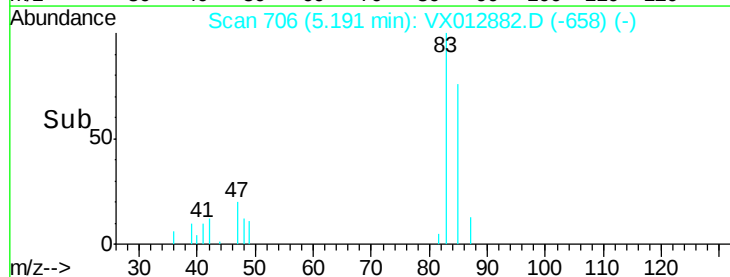
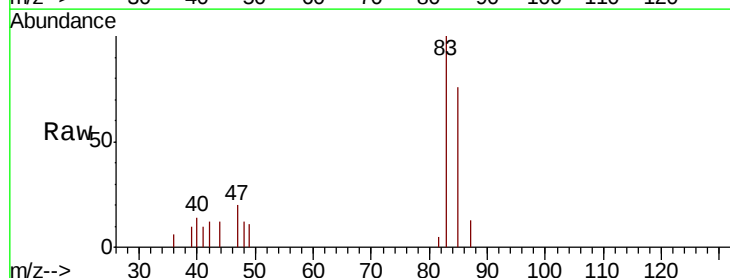
Manual Integrations
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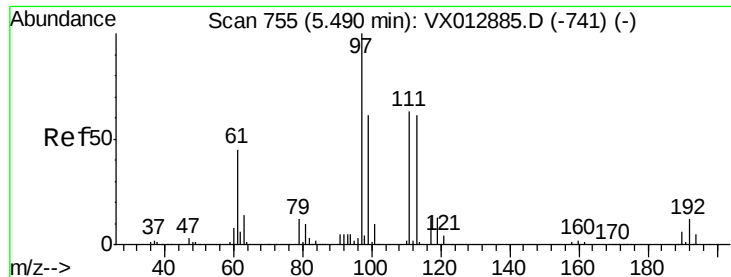
MMDadoda
10/9/2019 10:37:15 AM



#30
Chloroform
Concen: 0.905 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Tgt Ion:	83	Resp:	3587
Ion	Ratio	Lower	Upper
83	100		
85	76.5	51.5	77.3





#32

1,1,1-Trichloroethane

Concen: 0.708 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

Instrument :

MSVOA_X

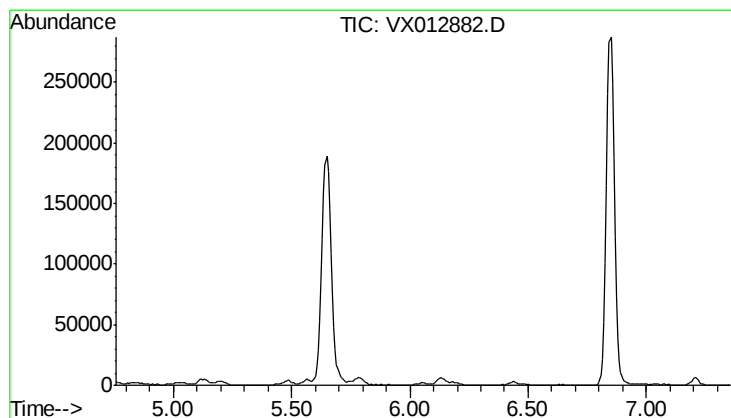
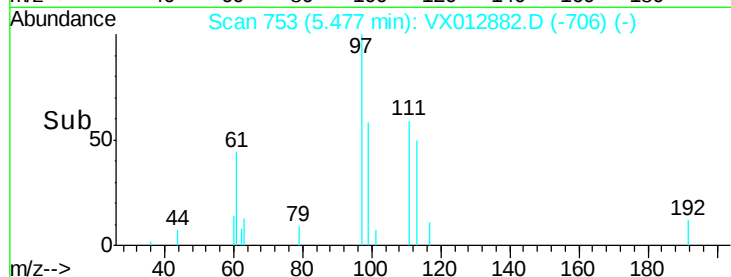
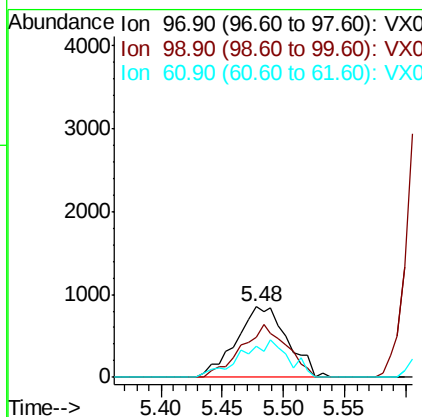
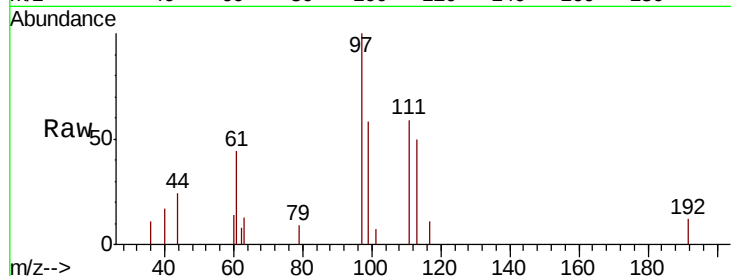
ClientSampleId :

VSTDIC001

Tot Ion:	97	Resp:	2475
Ion	Ratio	Lower	Upper
97	100		
99	0.0	52.3	78.5#
61	49.7	35.0	52.4

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#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 6.06 min

Lab File: VX012882.D

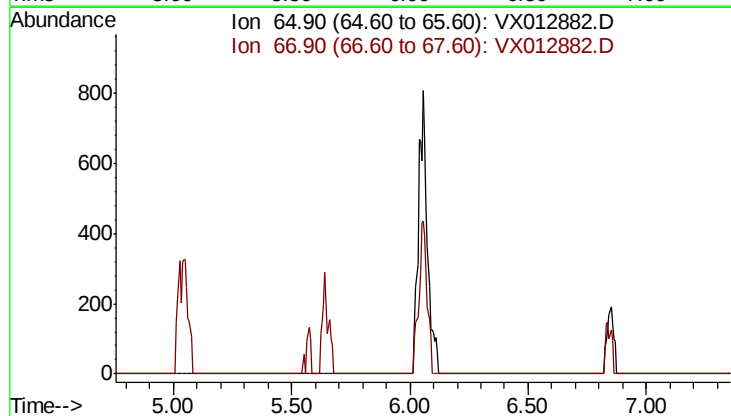
Acq: 08 Oct 2019 11:04

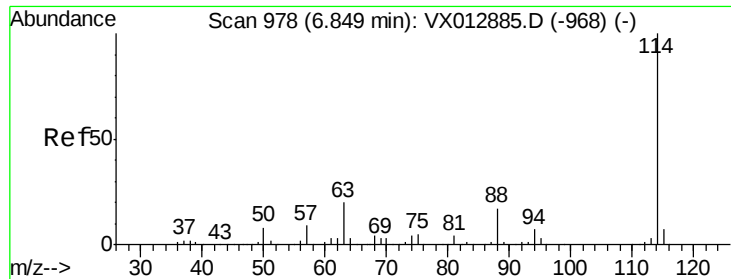
Tgt Ion: 65

Sig Exp Ratio

65 100

67 52.2





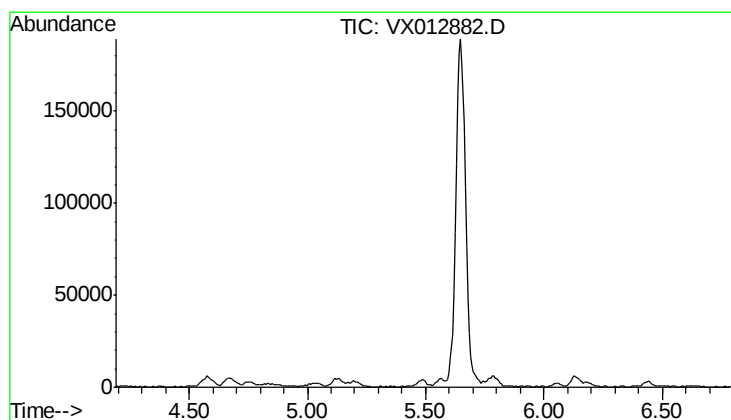
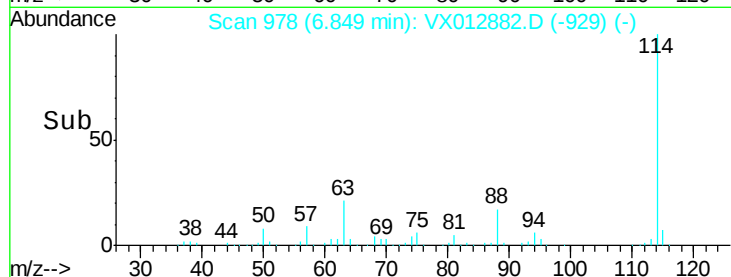
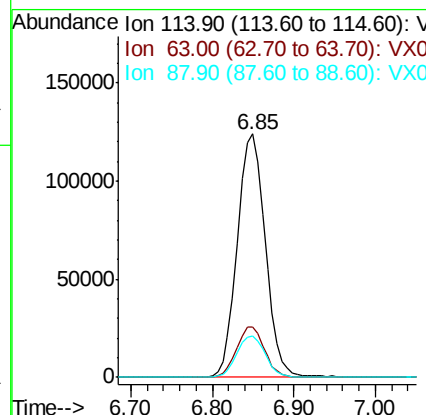
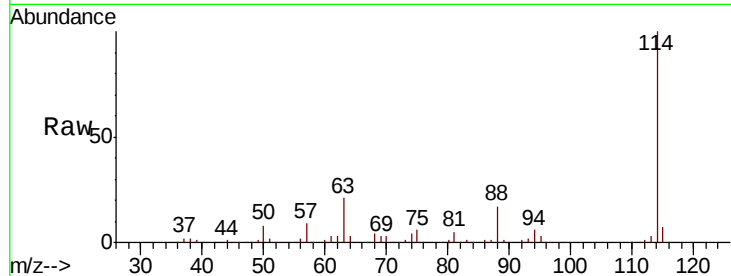
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Resp Lower	Resp Upper
114	100		
63	20.7	0.0	40.8
88	17.1	0.0	33.8

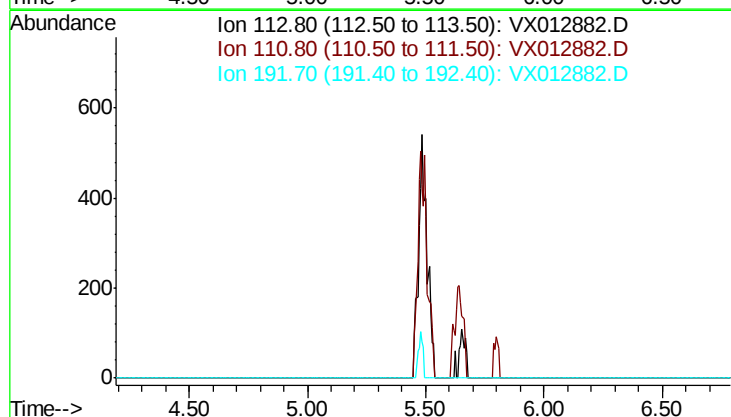
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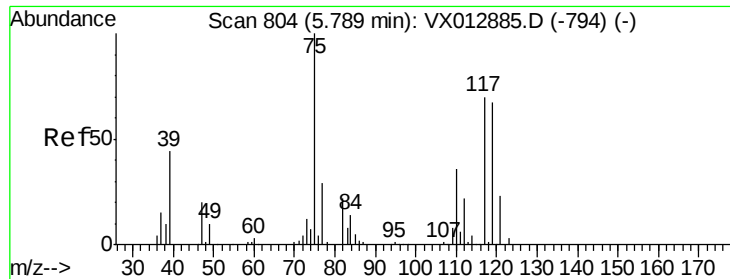
MMDadoda
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#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 5.49 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Tgt Ion	Exp Ratio
113	100
111	104.0
192	19.3





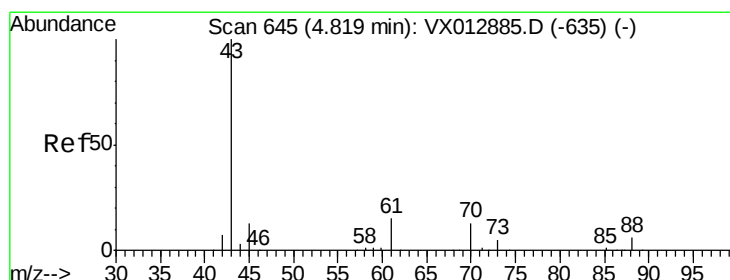
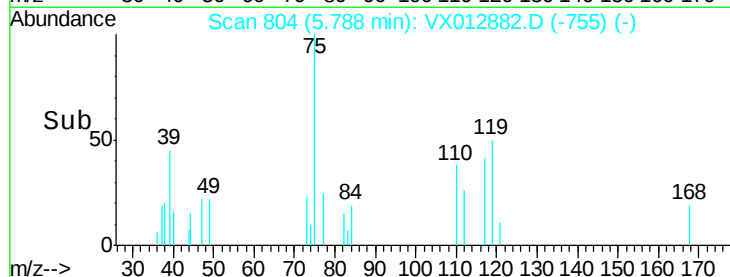
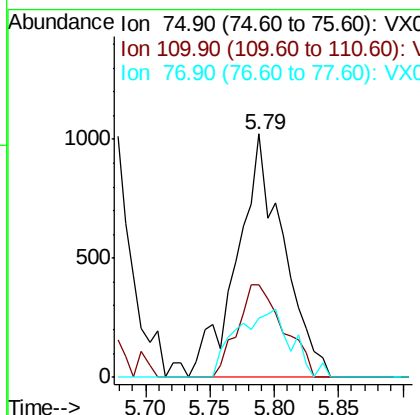
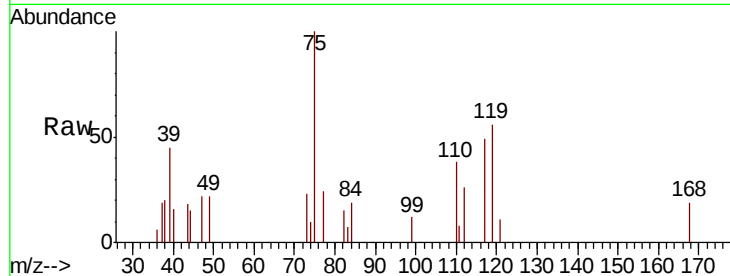
#36
 1,1-Dichloropropene
 Concen: 0.891 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX012882.D
 Acq: 08 Oct 2019 11:04

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	38.1	17.6	52.9
77	32.2	24.4	36.6

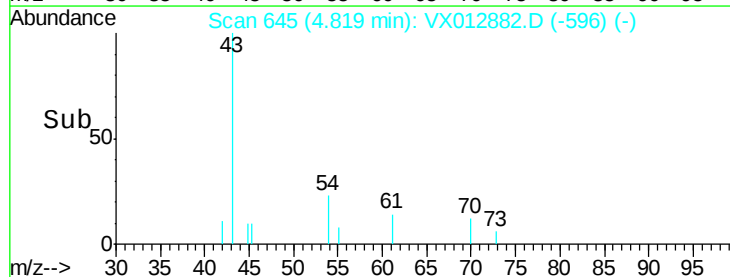
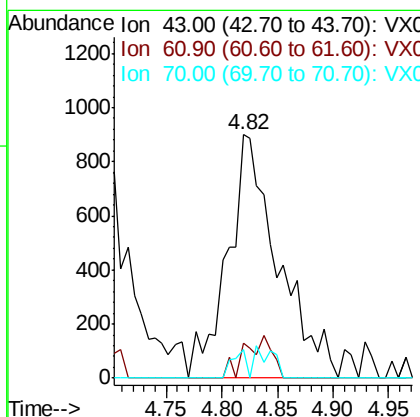
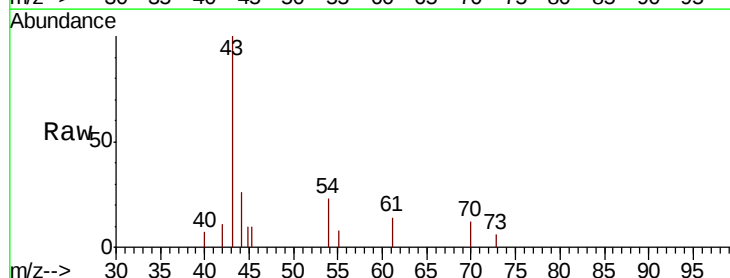
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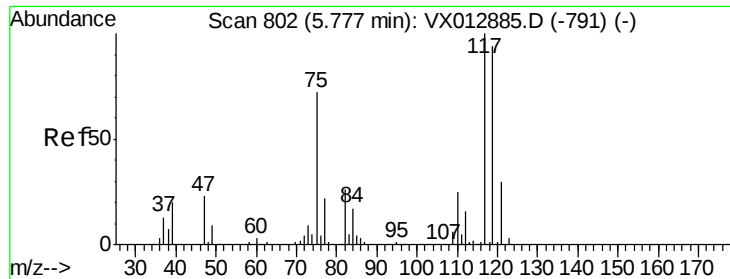
MMDadoda
 10/9/2019 10:37:15 AM



#37
 Ethyl Acetate
 Concen: 0.861 ug/l
 RT: 4.82 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: VX012882.D
 Acq: 08 Oct 2019 11:04

Tgt Ion	Ratio	Lower	Upper
43	100		
61	5.1	11.4	17.0#
70	3.2	9.8	14.6#





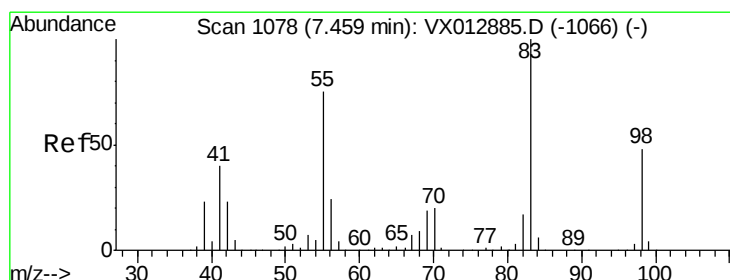
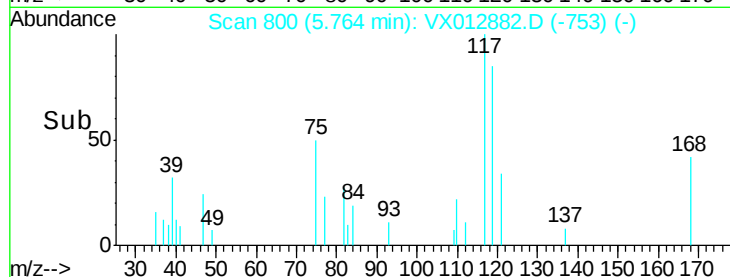
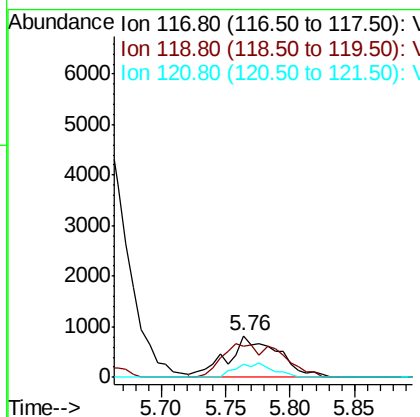
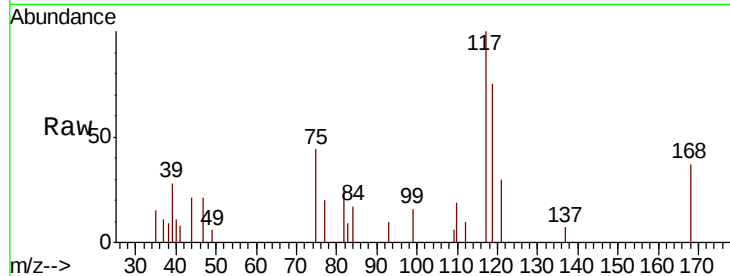
#38
Carbon Tetrachloride
Concen: 0.775 ug/l
RT: 5.76 min Scan# 800
Delta R.T. -0.01 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	75.3	74.5	111.7
121	30.5	24.2	36.4

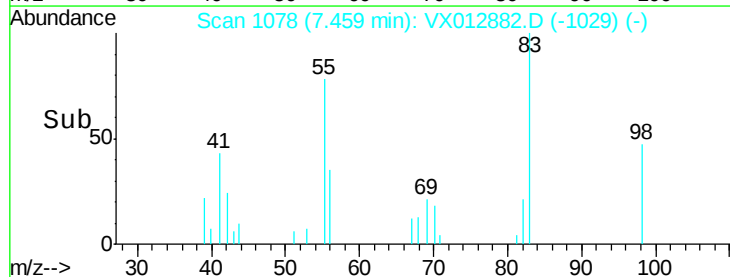
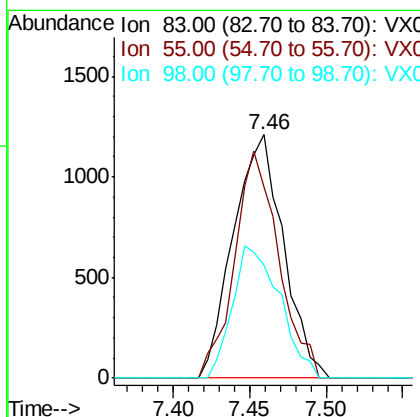
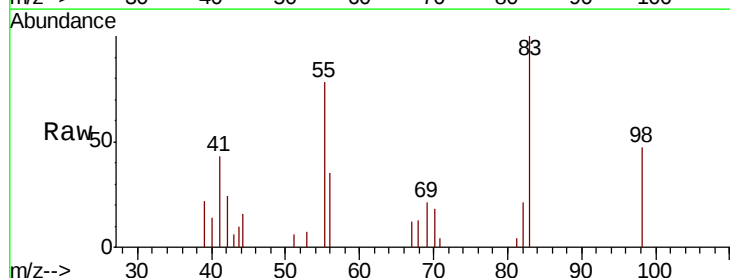
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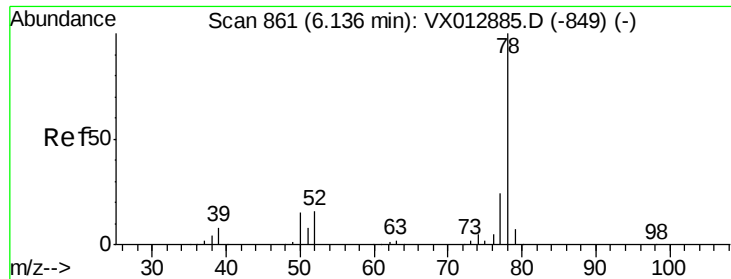
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#39
Methylcyclohexane
Concen: 0.797 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.3	60.2	90.4
98	46.7	38.5	57.7





#40

Benzene

Concen: 0.807 ug/l

RT: 6.13 min Scan# 860

Delta R.T. -0.01 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 6762

Ion Ratio Lower Upper

78 100

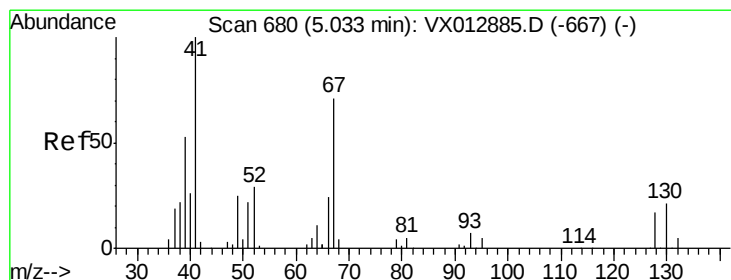
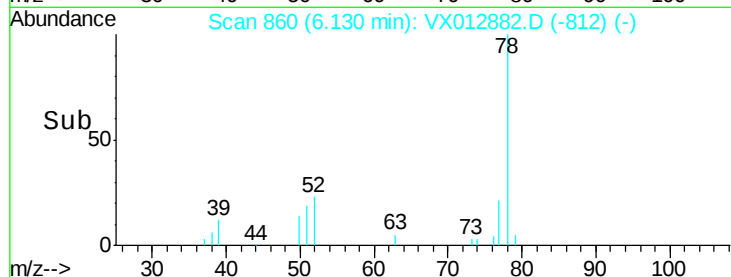
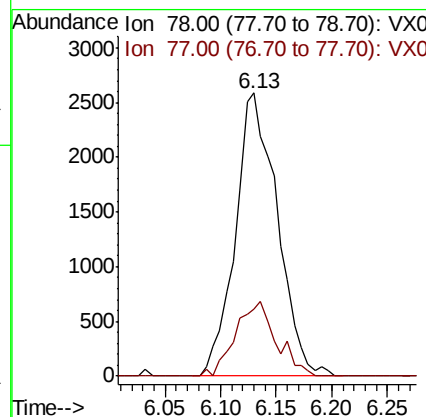
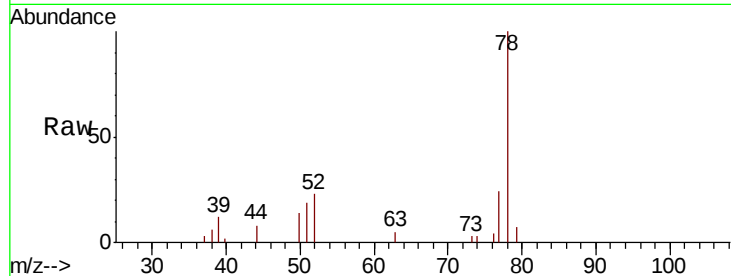
77 23.5 19.0 28.4

Manual Integrations

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MMDadoda

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#41

Methacrylonitrile

Concen: 0.767 ug/l m

RT: 5.05 min Scan# 683

Delta R.T. 0.02 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

Tgt Ion: 41 Resp: 1413

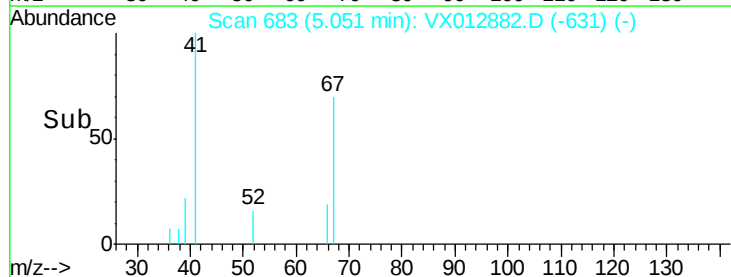
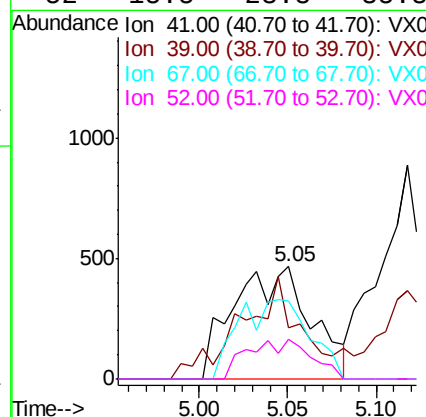
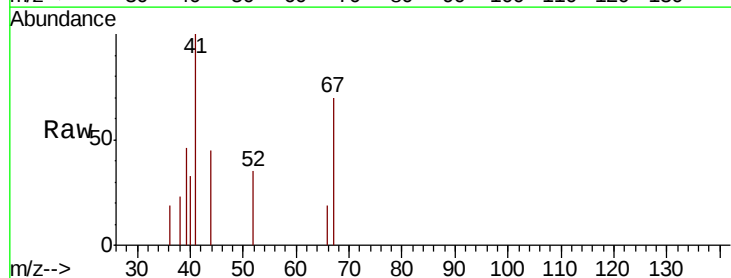
Ion Ratio Lower Upper

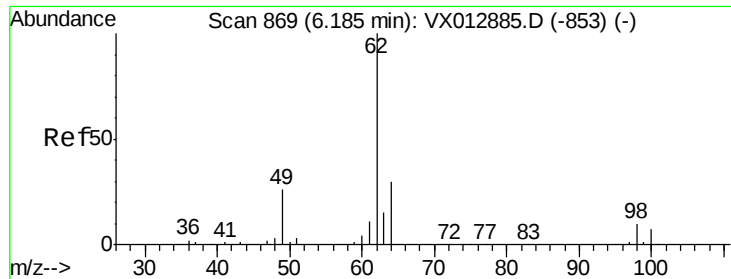
41 100

39 69.9 44.0 66.0#

67 65.2 58.5 87.7

52 15.5 23.8 35.8#





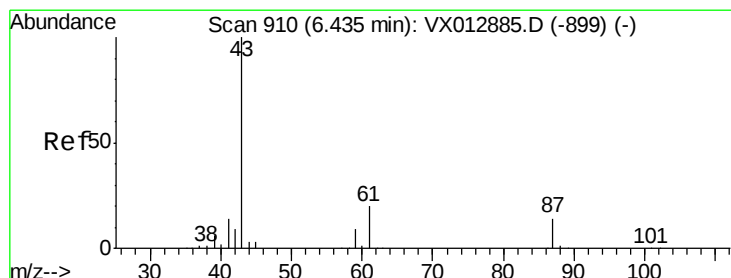
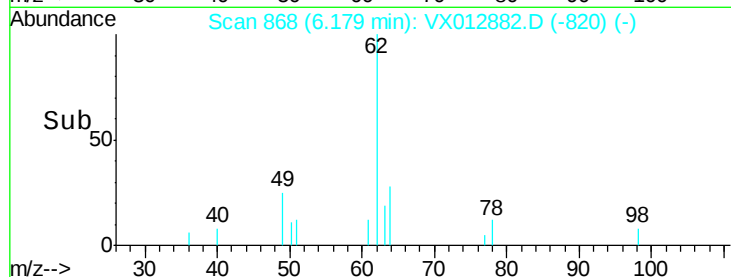
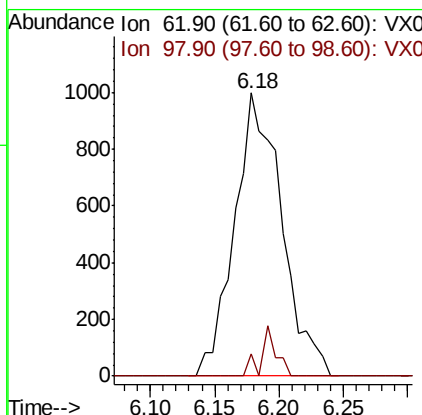
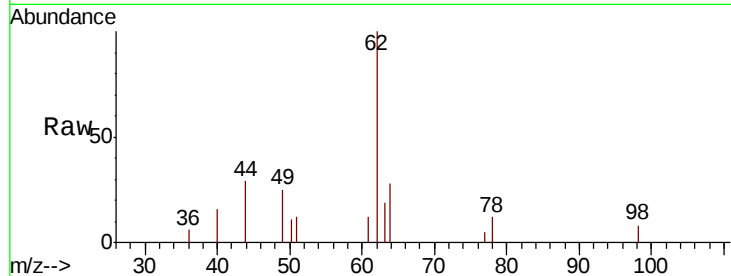
#42
 1,2-Dichloroethane
 Concen: 0.804 ug/l
 RT: 6.18 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: VX012882.D
 Acq: 08 Oct 2019 11:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
62	100		
98	5.6	0.0	20.4

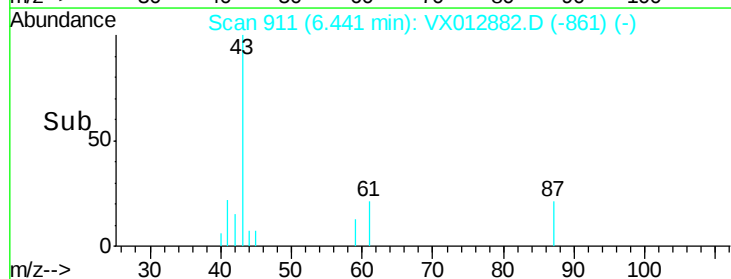
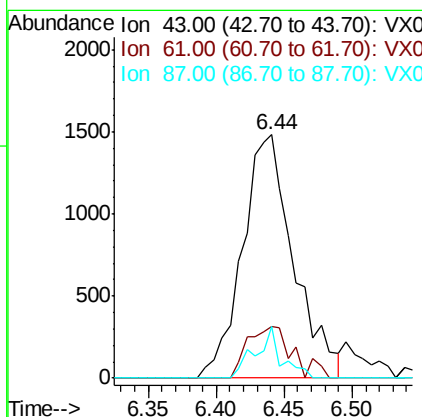
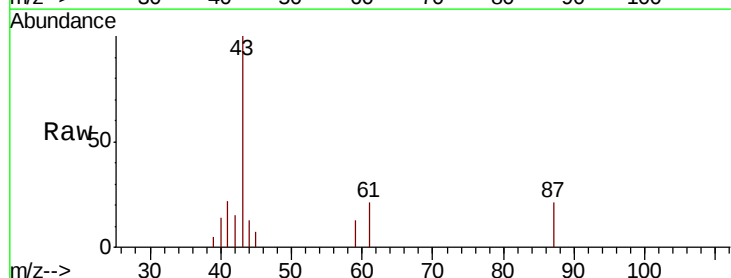
Manual Integrations
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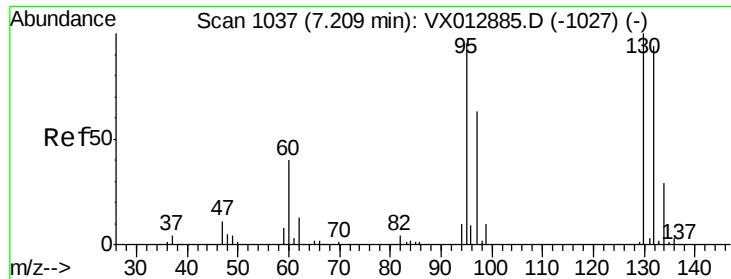
MMDadoda
 10/9/2019 10:37:15 AM



#43
 Isopropyl Acetate
 Concen: 0.708 ug/l
 RT: 6.44 min Scan# 911
 Delta R.T. 0.01 min
 Lab File: VX012882.D
 Acq: 08 Oct 2019 11:04

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.8	16.6	24.8
87	10.8	11.0	16.6#





#44

Trichloroethene

Concen: 1.135 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion:130 Resp: 2447

Ion Ratio Lower Upper

130 100

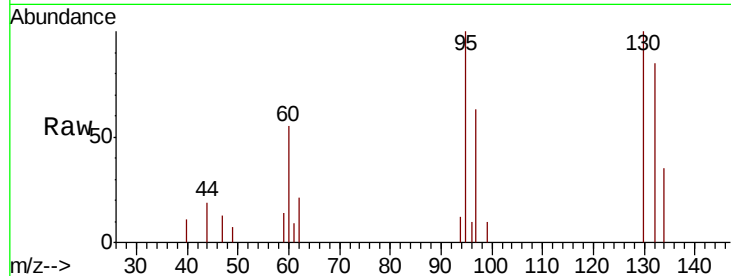
95 100.4 0.0 189.2

Manual Integrations

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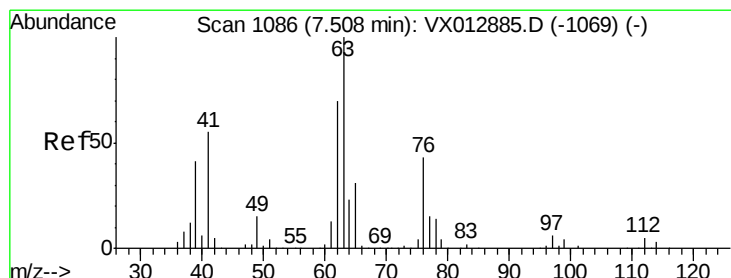
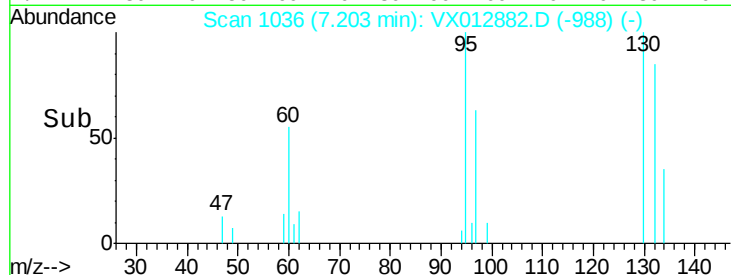
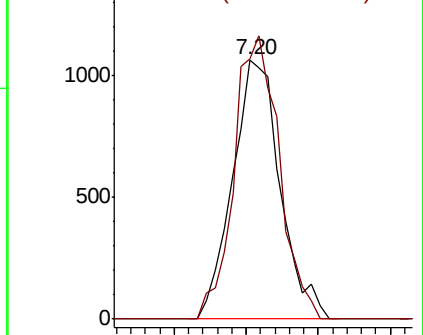
MMDadoda

10/9/2019 10:37:15 AM



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 0.806 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX012882.D

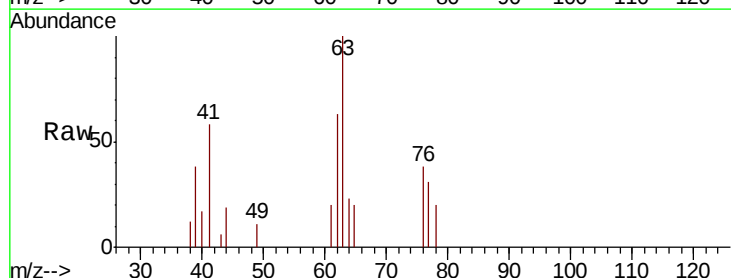
Acq: 08 Oct 2019 11:04

Tgt Ion: 63 Resp: 1728

Ion Ratio Lower Upper

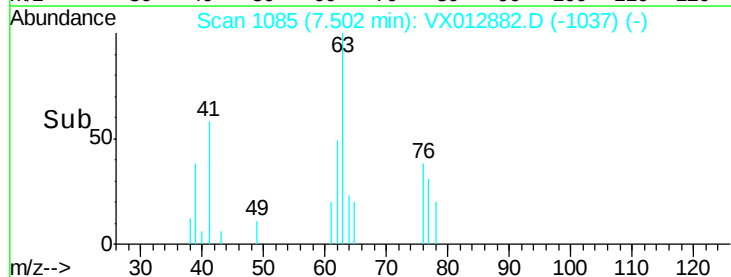
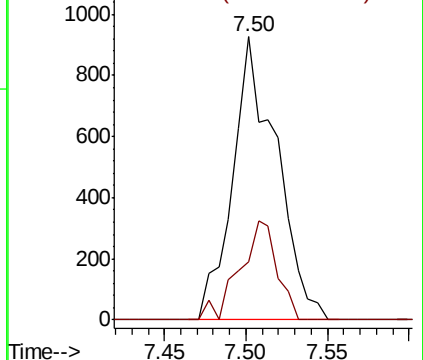
63 100

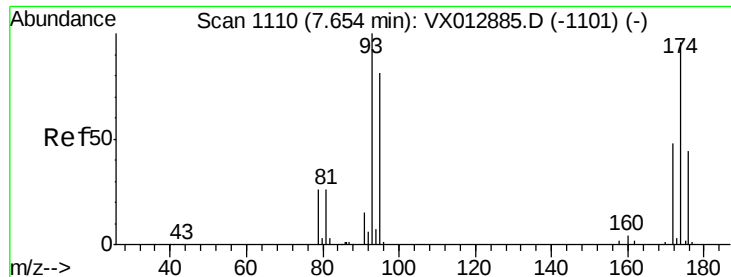
65 20.3 24.6 37.0#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





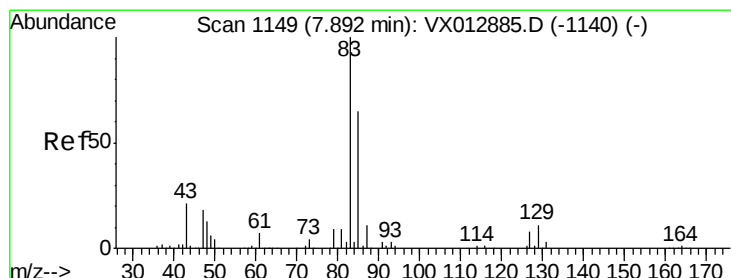
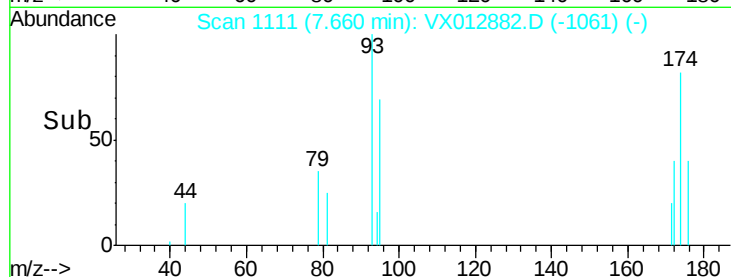
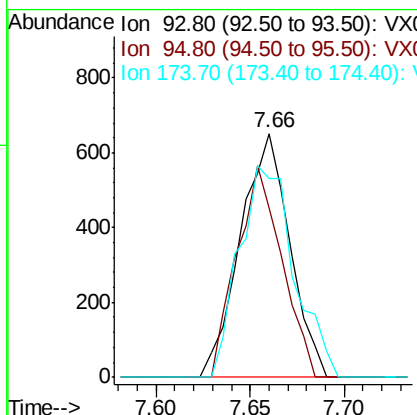
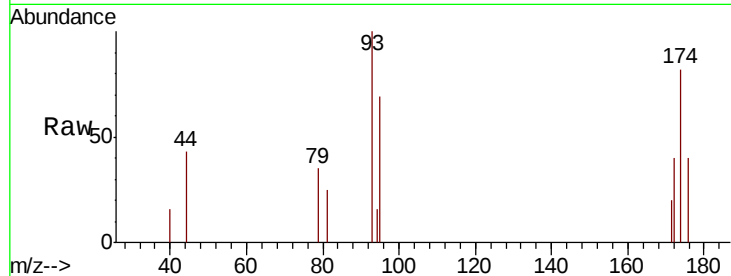
#46
Dibromomethane
Concen: 0.811 ug/l
RT: 7.66 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
93	100		
95	79.0	66.3	99.5
174	96.4	77.8	116.6

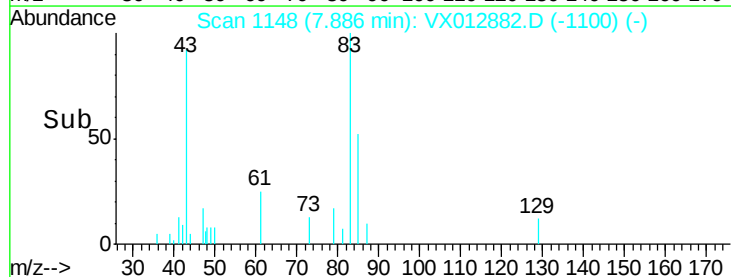
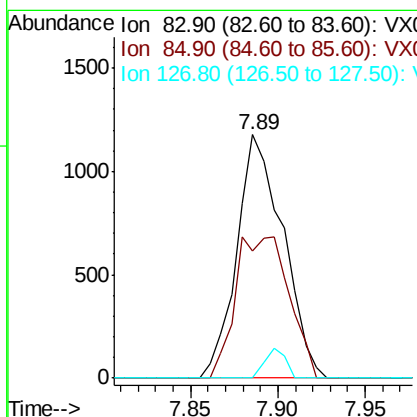
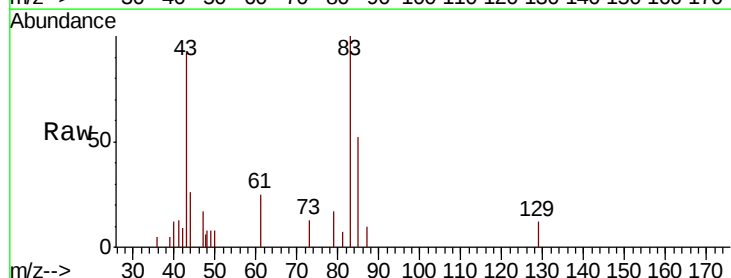
Manual Integrations
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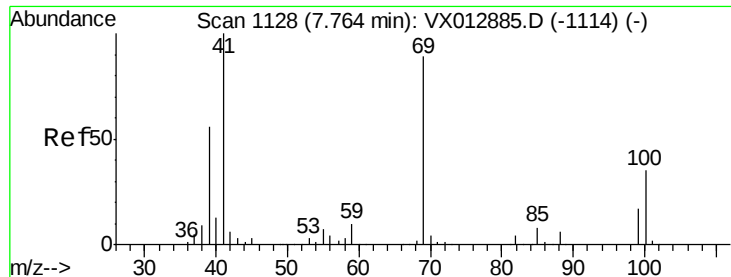
MMDadoda
10/9/2019 10:37:15 AM



#47
Bromodichloromethane
Concen: 0.748 ug/l
RT: 7.89 min Scan# 1148
Delta R.T. -0.01 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	52.5	52.4	78.6
127	0.0	6.6	10.0#





#48

Methvl methacrylate

Concen: 0.714 ug/l

RT: 7.78 min Scan# 1130

Delta R.T. 0.01 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

Instrument :

MSVOA_X

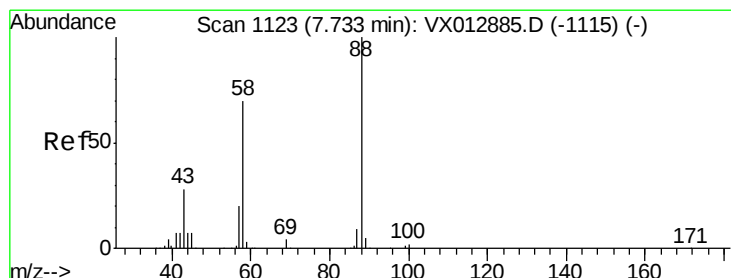
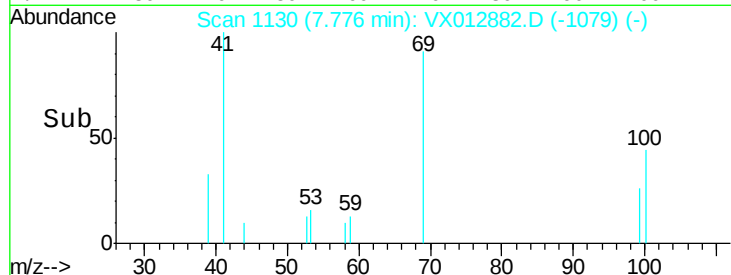
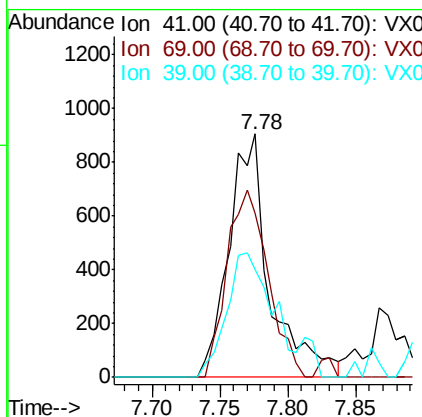
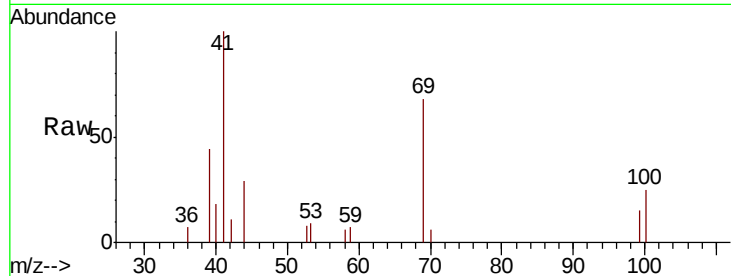
ClientSampleId :

VSTDIC001

Tot Ion:	41	Resp:	1880
Ion	Ratio	Lower	Upper
41	100		
69	78.2	68.7	103.1
39	57.9	44.3	66.5

Manual Integrations
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MMDadoda
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#49

1,4-Dioxane

Concen: 12.470 ug/l

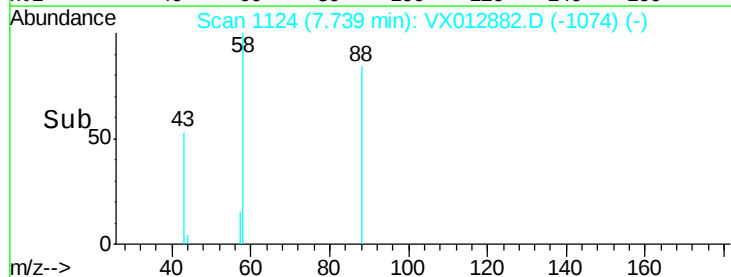
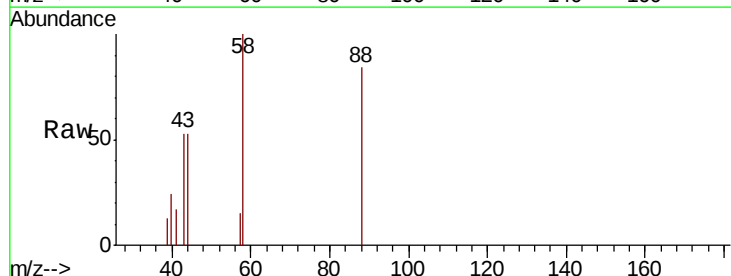
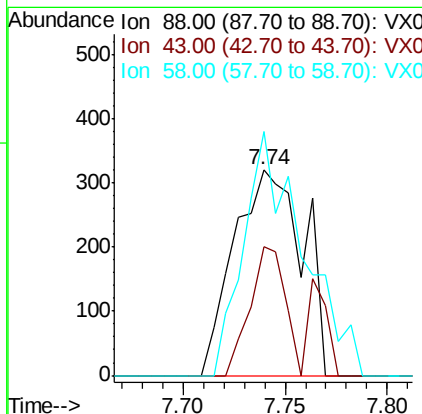
RT: 7.74 min Scan# 1124

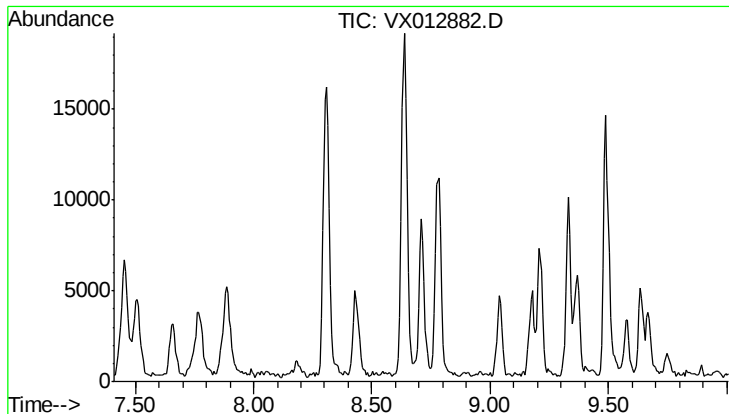
Delta R.T. 0.01 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

Tgt Ion:	88	Resp:	755
Ion	Ratio	Lower	Upper
88	100		
43	31.8	25.0	37.6
58	101.5	55.4	83.2#





#50

Toluene-d8

Concen: 0.000 ug/l

Expected RT: 8.71 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

Tot Ion: 98

Sig Exp Ratio

98 100

100 66.8

Instrument :

MSVOA_X

ClientSampleId :

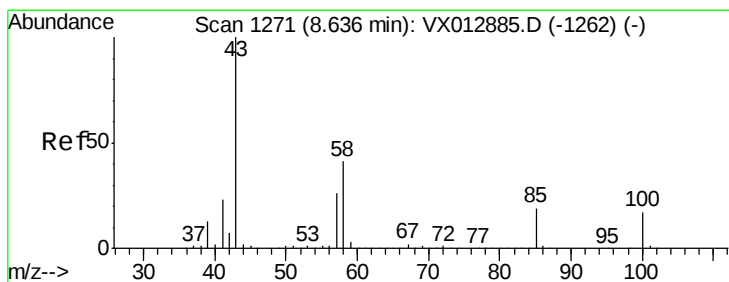
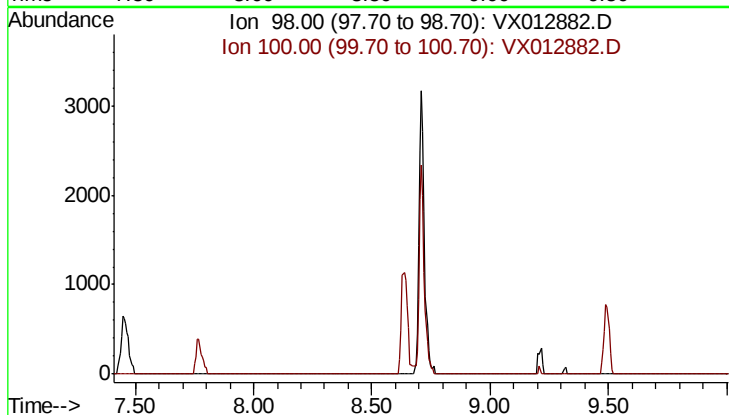
VSTDIC001

Manual Integrations

APPROVED

MMDadoda

10/9/2019 10:37:15 AM



#51

4-Methyl-2-Pentanone

Concen: 3.393 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012882.D

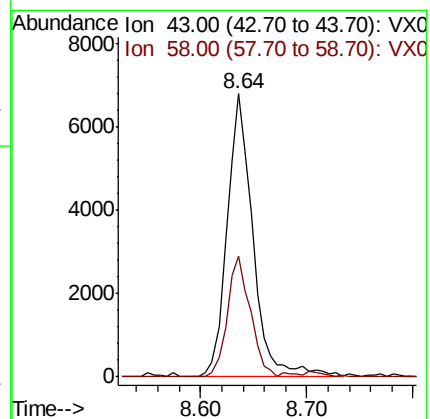
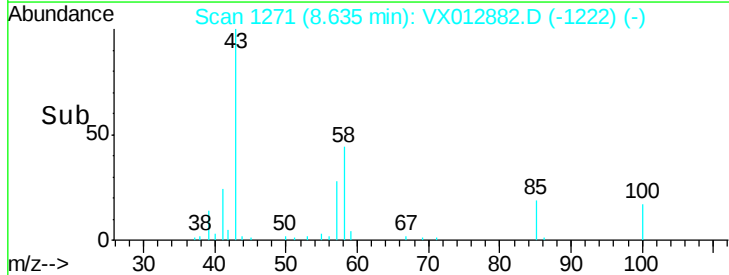
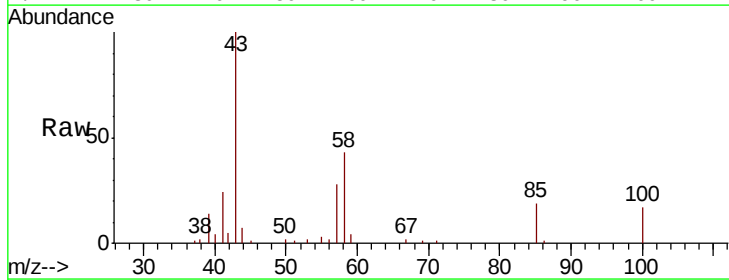
Acq: 08 Oct 2019 11:04

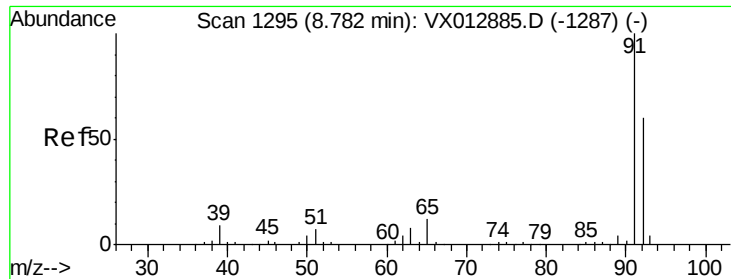
Tgt Ion: 43 Resp: 11522

Ion Ratio Lower Upper

43 100

58 37.8 32.4 48.6





#52

Toluene

Concen: 0.855 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 4497

Ion Ratio Lower Upper

92 100

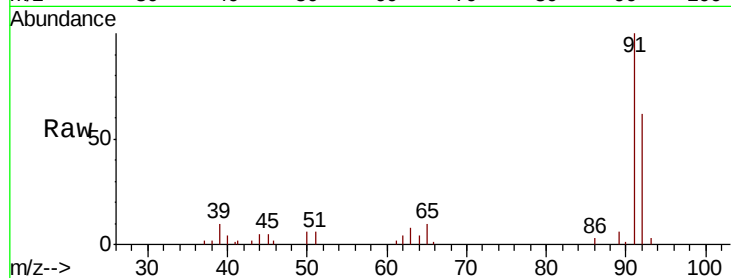
91 166.7 135.9 203.9

Manual Integrations

APPROVED

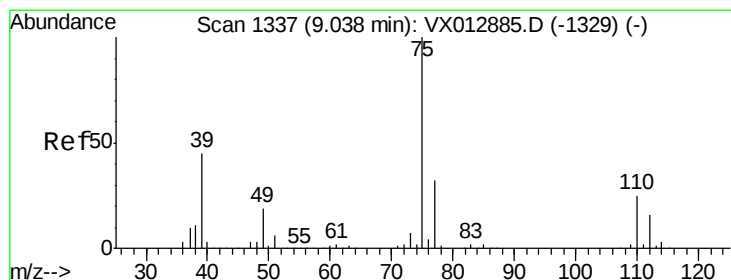
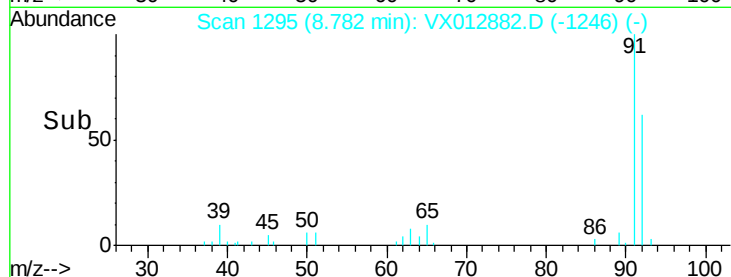
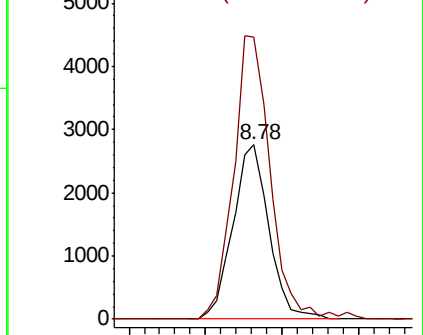
MMDadoda

10/9/2019 10:37:15 AM



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 0.683 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX012882.D

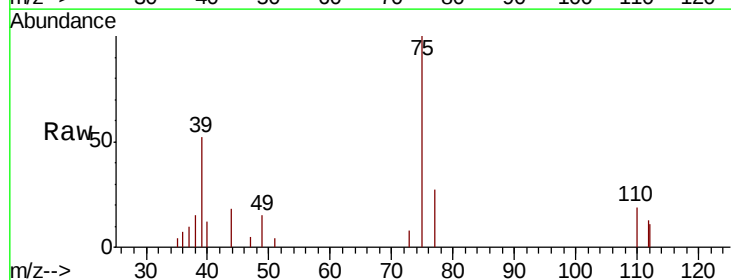
Acq: 08 Oct 2019 11:04

Tgt Ion: 75 Resp: 2194

Ion Ratio Lower Upper

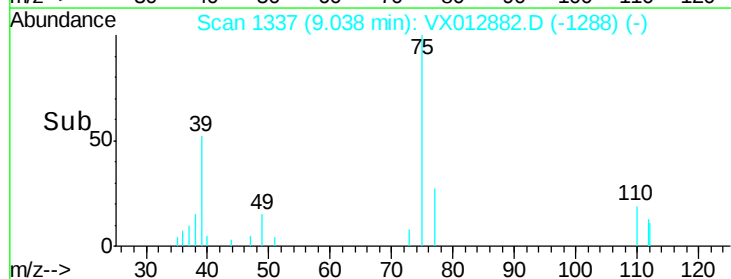
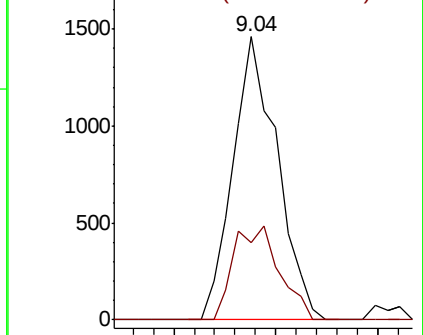
75 100

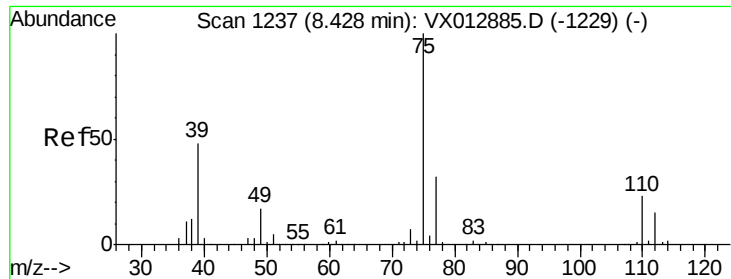
77 27.4 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0





#54

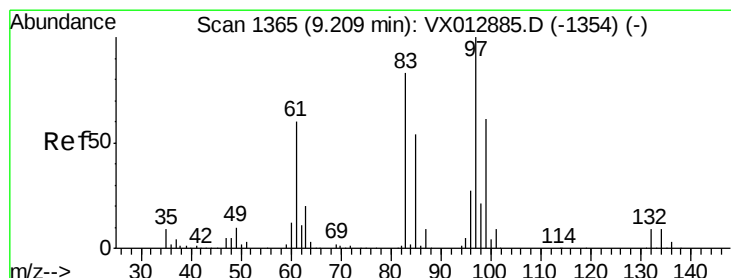
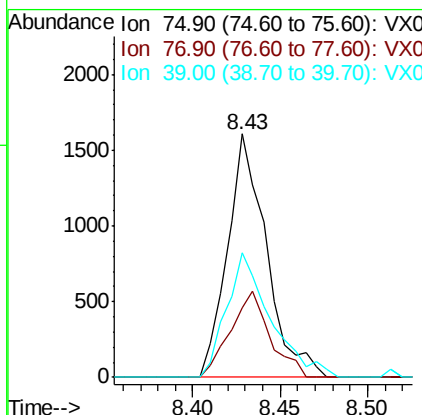
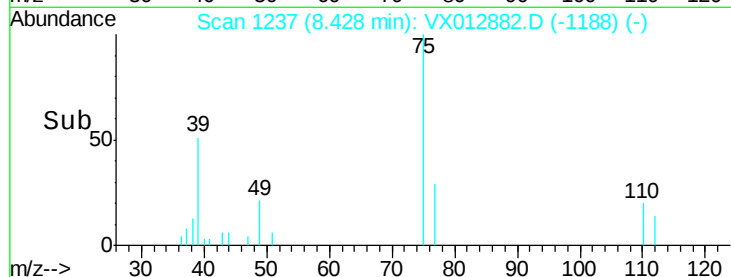
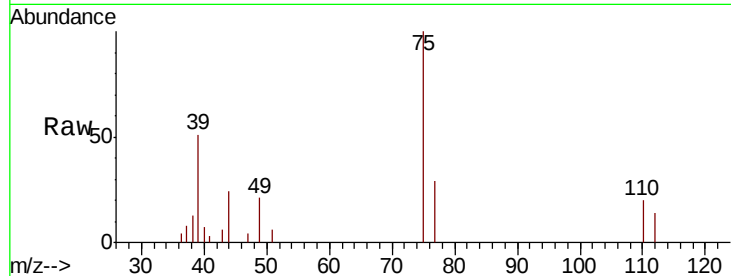
cis-1,3-Dichloropropene
Concen: 0.710 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
77	28.7	25.8	38.8
39	51.3	38.2	57.2

Manual Integrations
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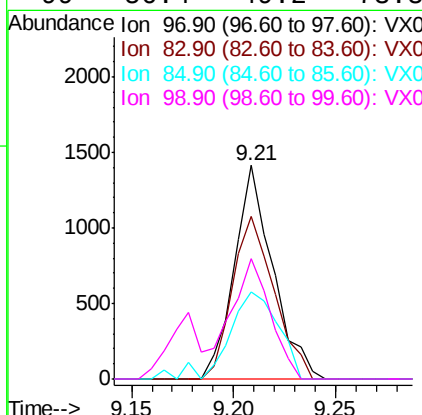
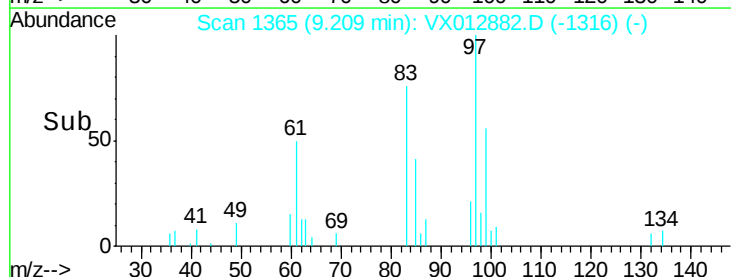
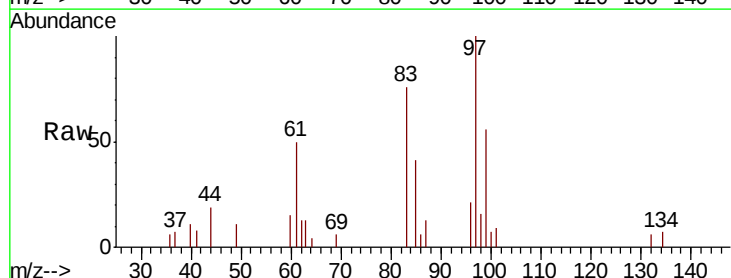
MMDadoda
10/9/2019 10:37:15 AM

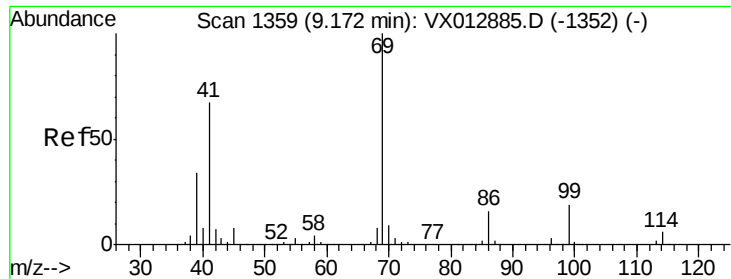


#55

1,1,2-Trichloroethane
Concen: 0.883 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Tgt Ion	Ratio	Lower	Upper
97	100		
83	76.0	66.5	99.7
85	40.6	43.1	64.7#
99	56.4	49.2	73.8





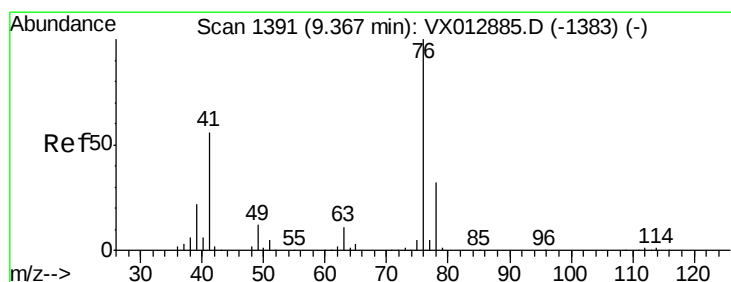
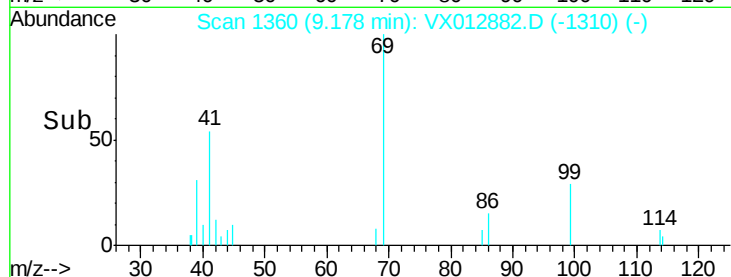
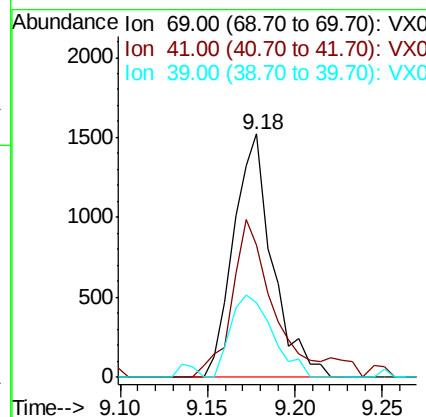
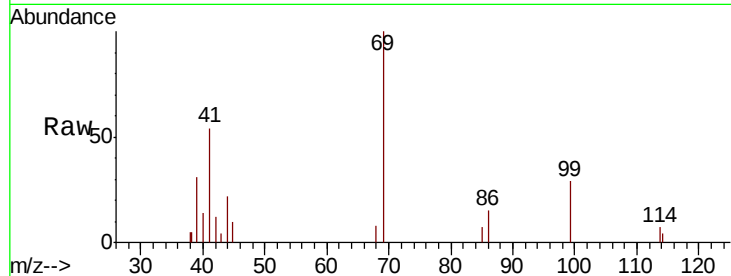
#56
Ethyl methacrylate
Concen: 0.673 ug/l
RT: 9.18 min Scan# 1360
Delta R.T. 0.01 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
69	100		
41	67.1	52.1	78.1
39	36.5	27.8	41.8

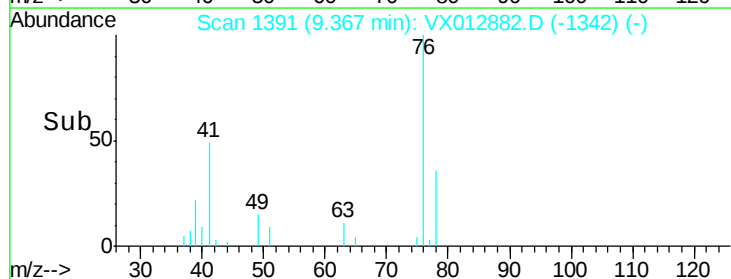
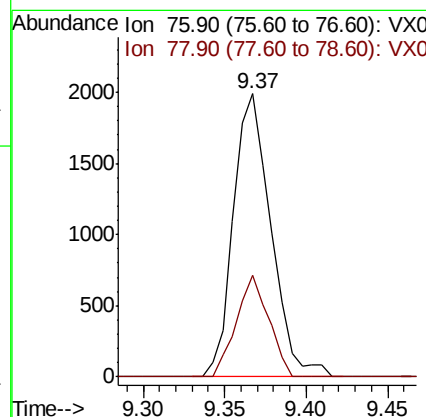
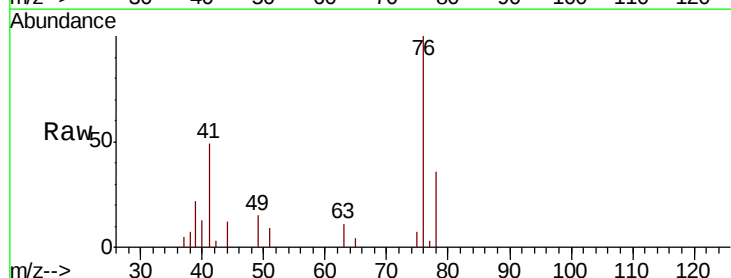
Manual Integrations
APPROVED

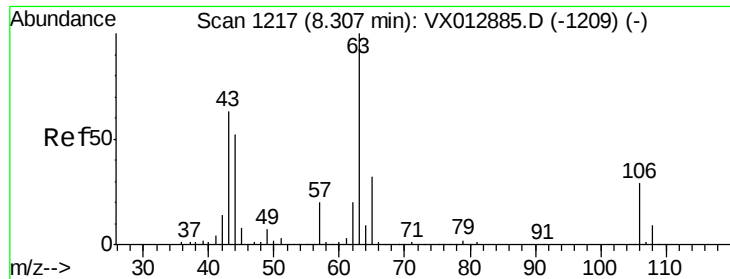
MMDadoda
10/9/2019 10:37:15 AM



#57
1,3-Dichloropropane
Concen: 0.872 ug/l
RT: 9.37 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Tgt Ion	Ratio	Lower	Upper
76	100		
78	30.8	26.1	39.1





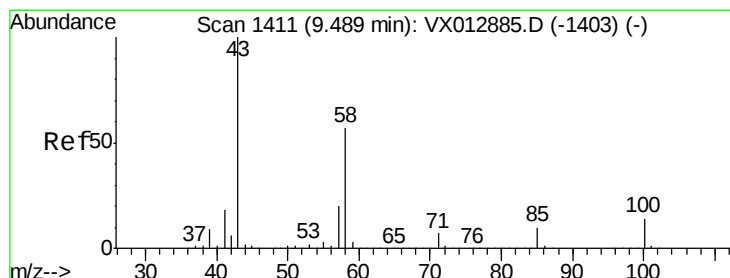
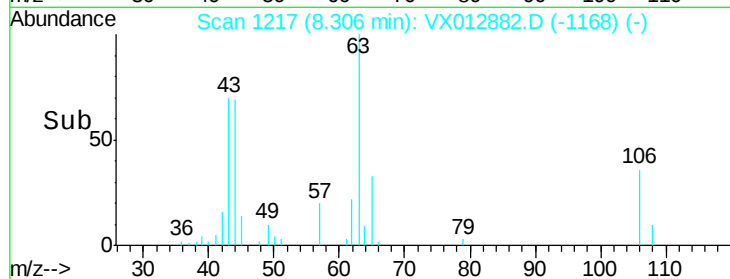
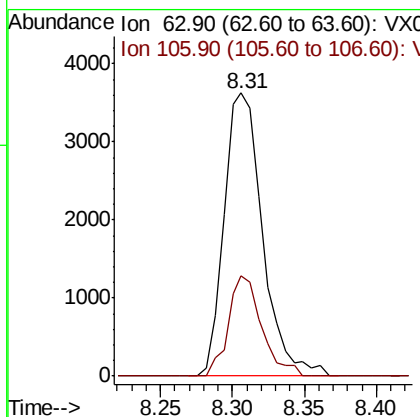
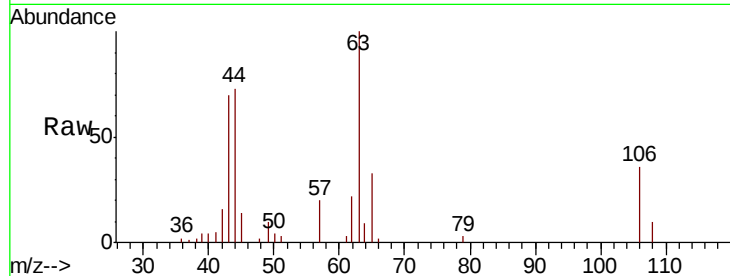
#58
 2-Chloroethyl Vinyl ether
 Concen: 4.340 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX012882.D
 Acq: 08 Oct 2019 11:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion: 63 Resp: 6784
 Ion Ratio Lower Upper
 63 100
 106 30.7 23.8 35.8

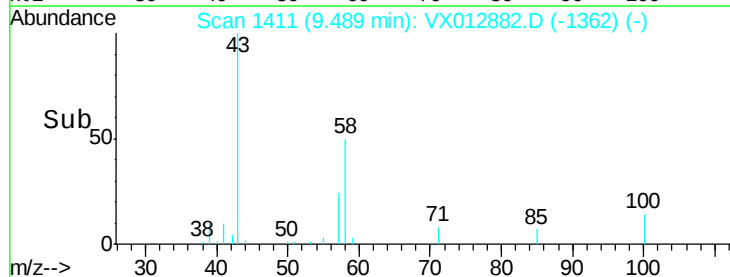
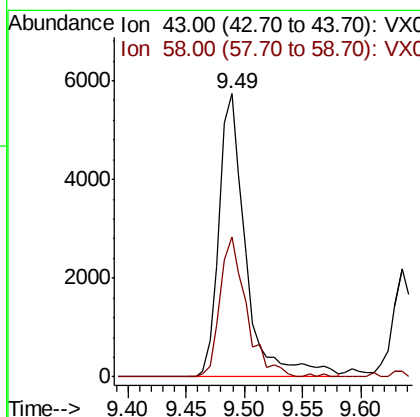
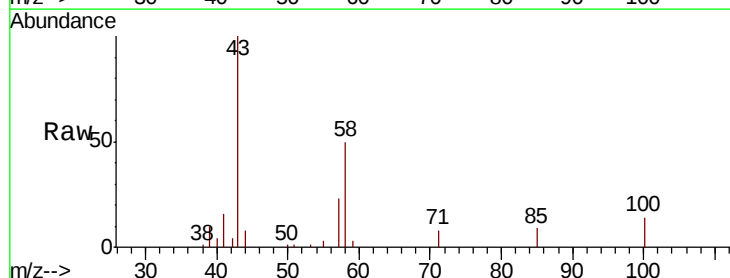
Manual Integrations
 APPROVED

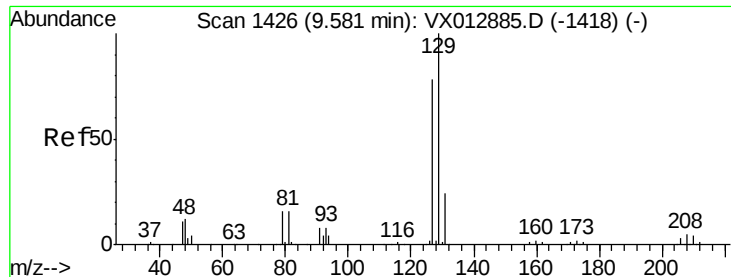
MMDadoda
 10/9/2019 10:37:15 AM



#59
 2-Hexanone
 Concen: 3.517 ug/l
 RT: 9.49 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX012882.D
 Acq: 08 Oct 2019 11:04

Tgt Ion: 43 Resp: 9123
 Ion Ratio Lower Upper
 43 100
 58 48.8 28.1 84.3





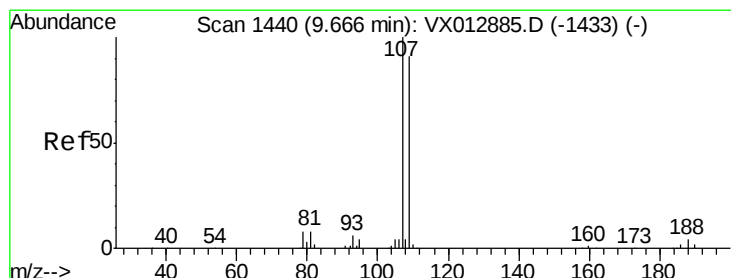
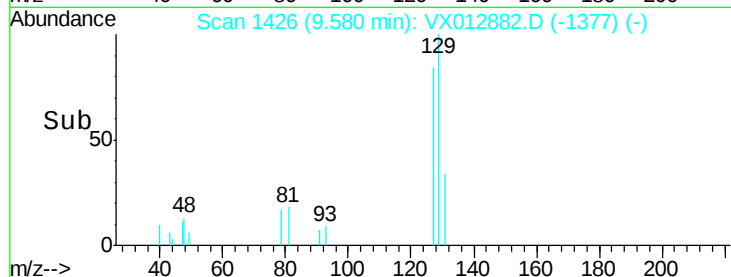
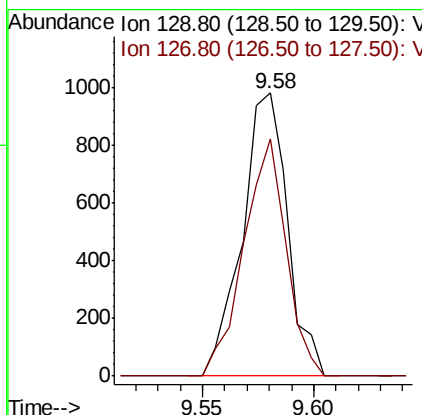
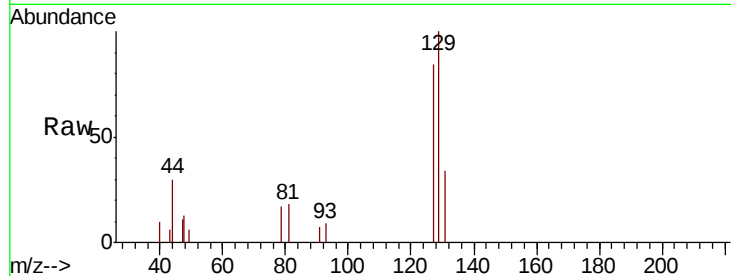
#60
Dibromochloromethane
Concen: 0.660 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. -0.00 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
129	100		
127	78.0	38.9	116.7

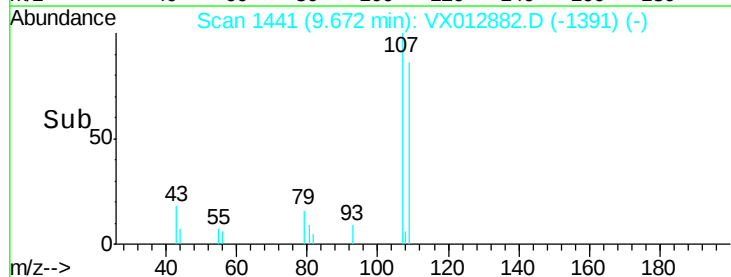
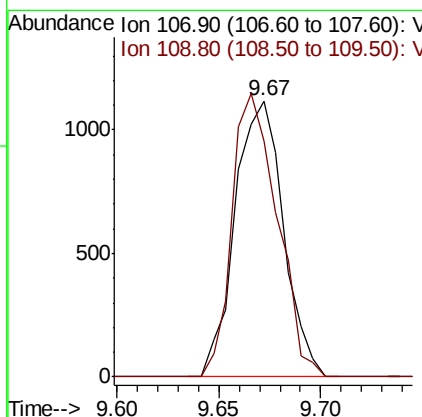
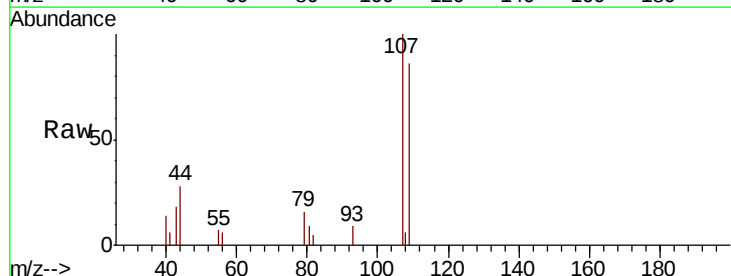
Manual Integrations
APPROVED

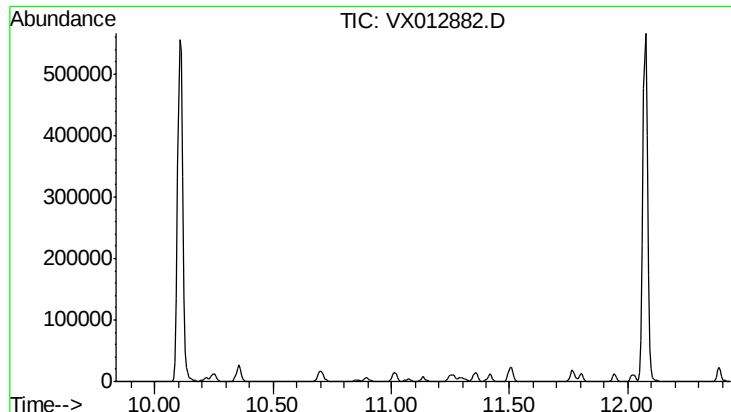
MMDadoda
10/9/2019 10:37:15 AM



#61
1,2-Dibromoethane
Concen: 0.843 ug/l
RT: 9.67 min Scan# 1441
Delta R.T. 0.01 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Tgt Ion	Ratio	Lower	Upper
107	100		
109	95.9	75.8	113.6





#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 11.14 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

Tot Ion: 95

Sig Exp Ratio

95 100

174 71.7

176 68.0

Instrument :

MSVOA_X

ClientSampleId :

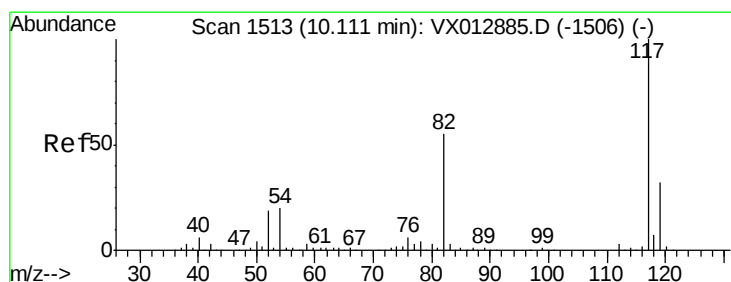
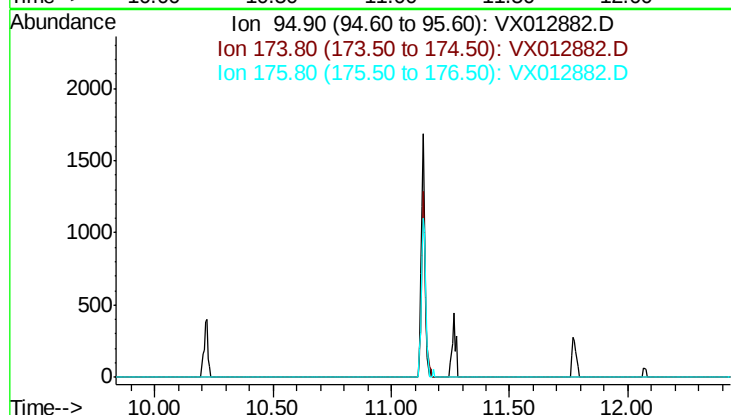
VSTDIC001

Manual Integrations

APPROVED

MMDadoda

10/9/2019 10:37:15 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

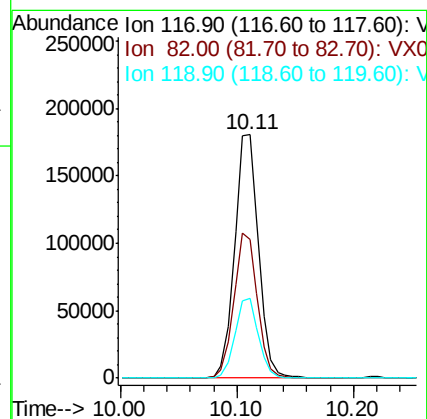
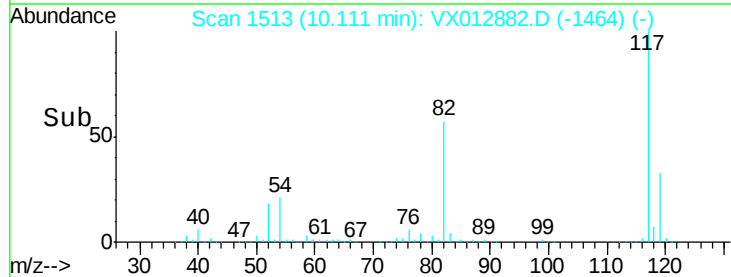
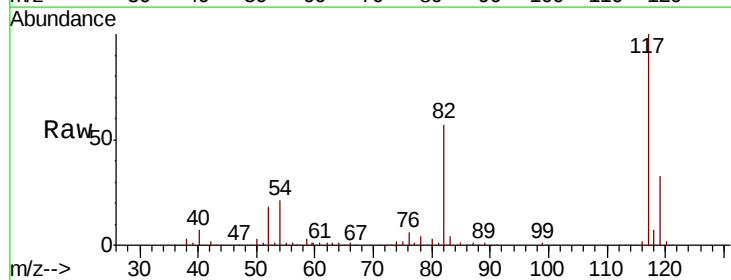
Tgt Ion: 117 Resp: 258038

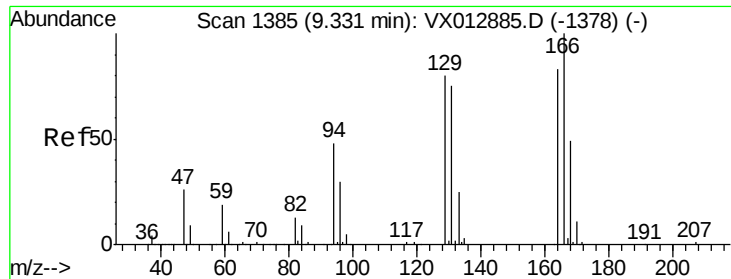
Ion Ratio Lower Upper

117 100

82 56.8 44.1 66.1

119 32.8 25.8 38.8





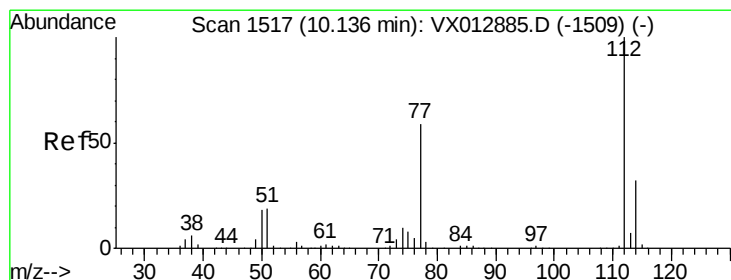
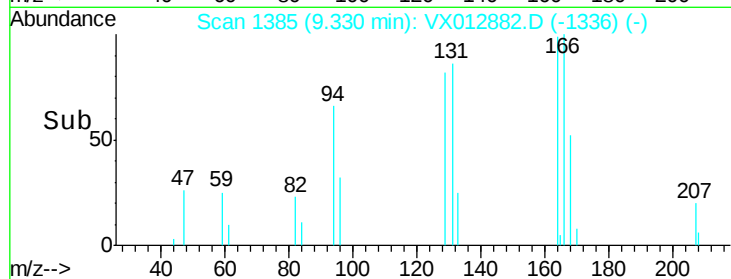
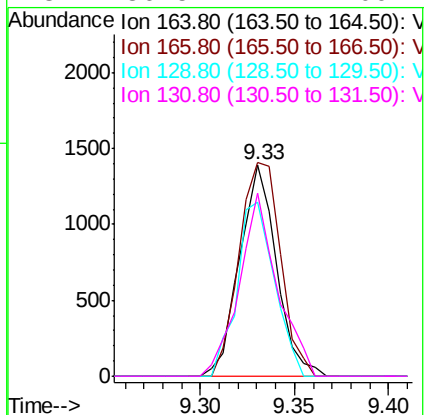
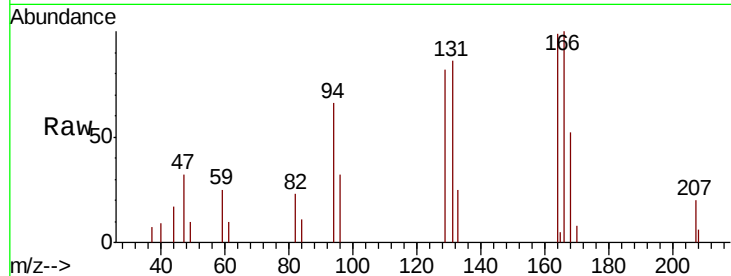
#64
Tetrachloroethene
Concen: 1.040 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
164	100		
166	101.1	96.9	145.3
129	82.4	77.9	116.9
131	86.5	72.7	109.1

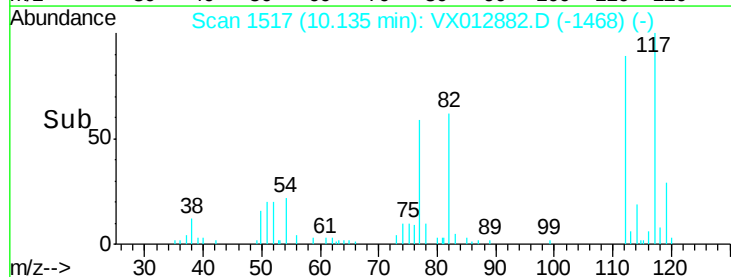
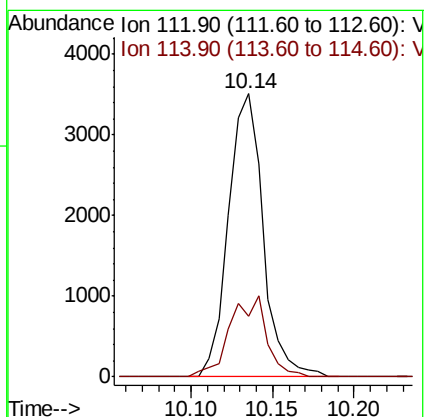
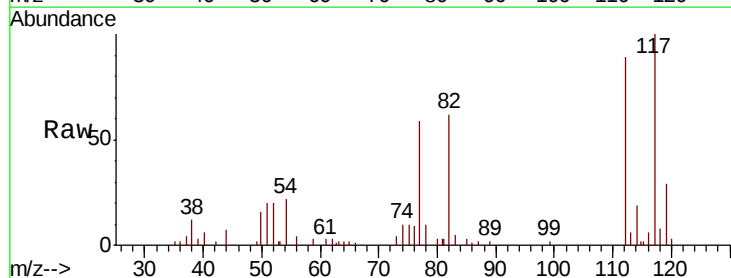
Manual Integrations
APPROVED

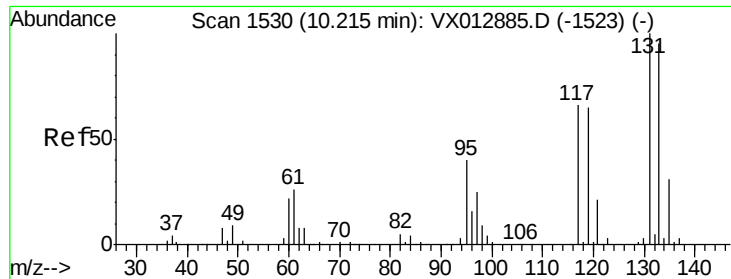
MMDadoda
10/9/2019 10:37:15 AM



#65
Chlorobenzene
Concen: 0.954 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Tgt Ion	Ratio	Lower	Upper
112	100		
114	21.2	25.7	38.5#





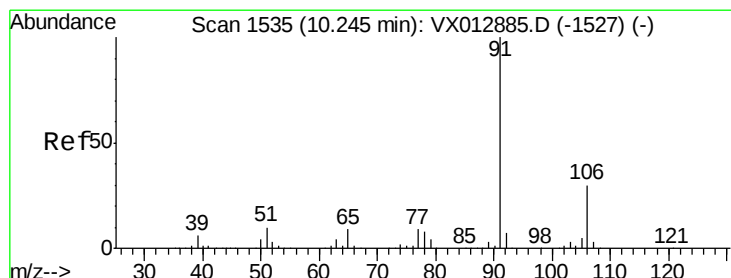
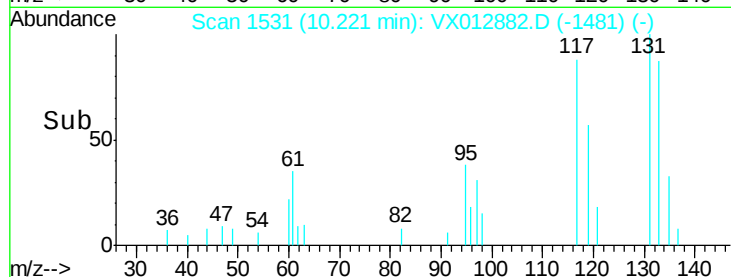
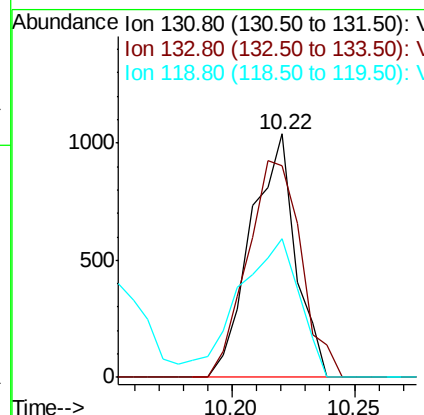
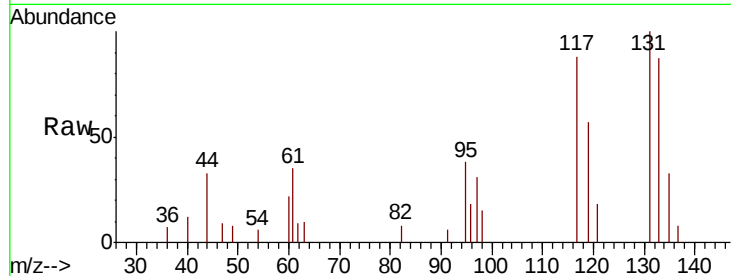
#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.669 ug/l
 RT: 10.22 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: VX012882.D
 Acq: 08 Oct 2019 11:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	106.7	47.2	141.6
119	0.0	32.6	98.0

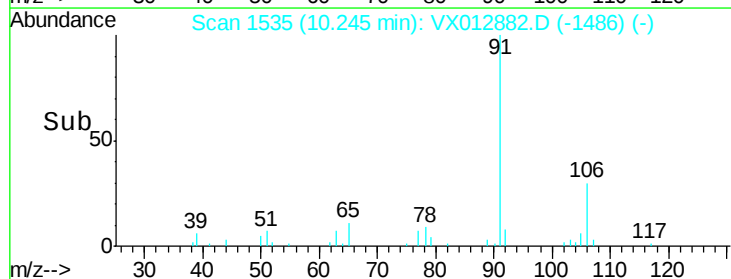
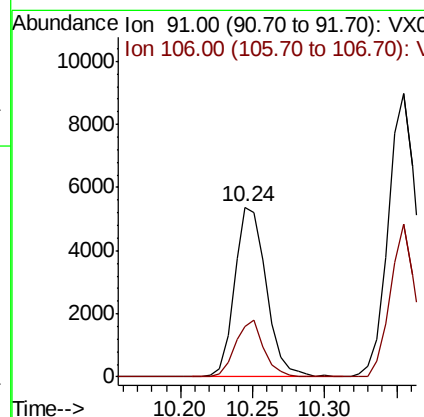
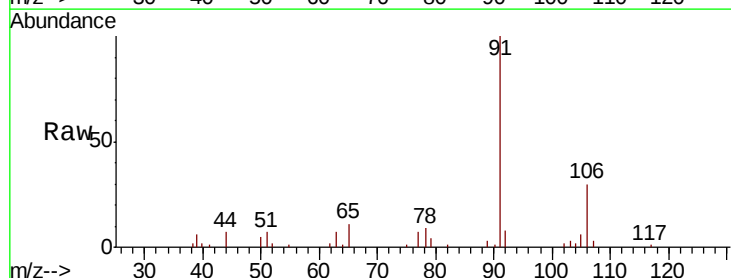
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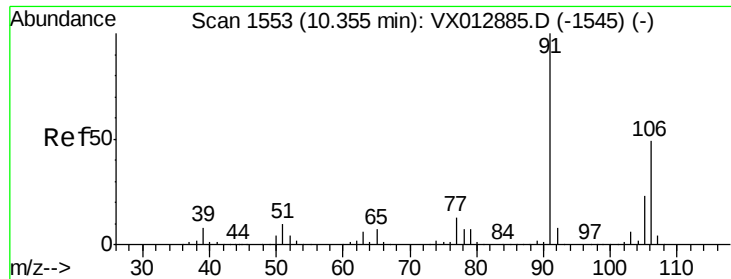
MMDadoda
 10/9/2019 10:37:15 AM



#67
 Ethyl Benzene
 Concen: 0.835 ug/l
 RT: 10.24 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX012882.D
 Acq: 08 Oct 2019 11:04

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.9	23.9	35.9





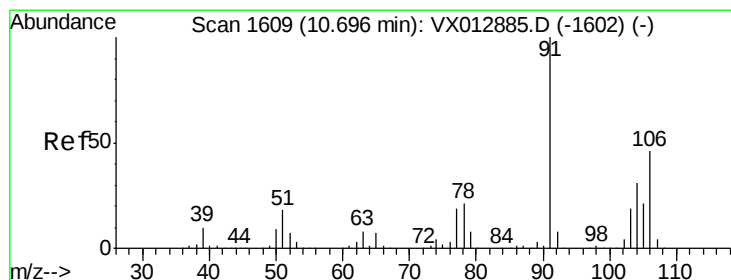
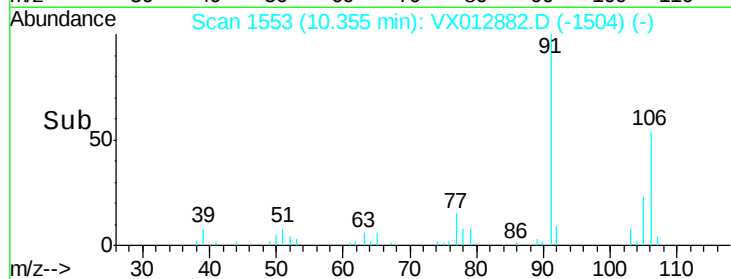
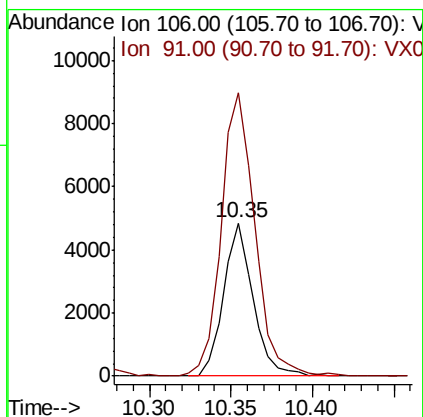
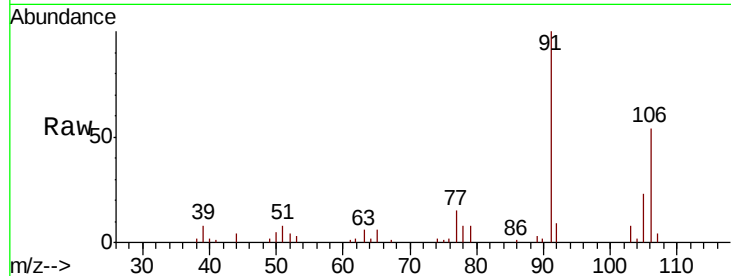
#68
m/p-Xylenes
Concen: 1.649 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion:106 Resp: 6097
Ion Ratio Lower Upper
106 100
91 211.7 165.3 247.9

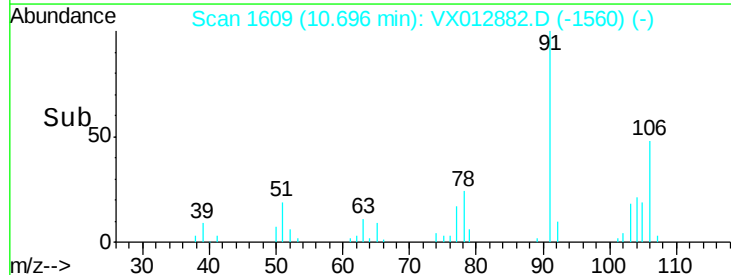
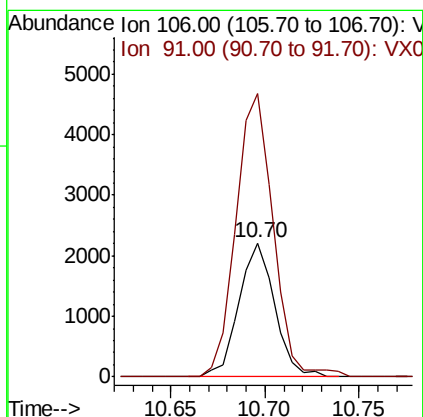
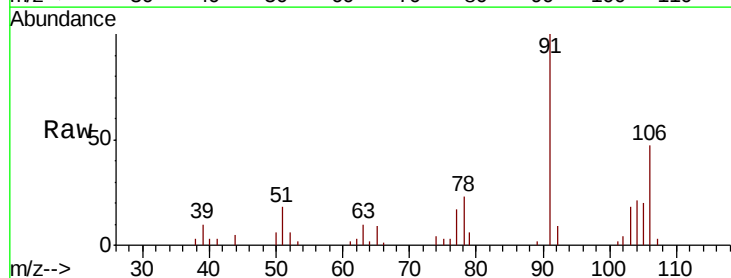
Manual Integrations
APPROVED

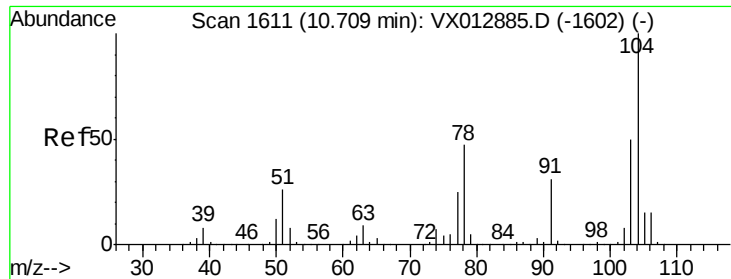
MMDadoda
10/9/2019 10:37:15 AM



#69
o-Xylene
Concen: 0.815 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Tgt Ion:106 Resp: 2920
Ion Ratio Lower Upper
106 100
91 219.4 109.1 327.3





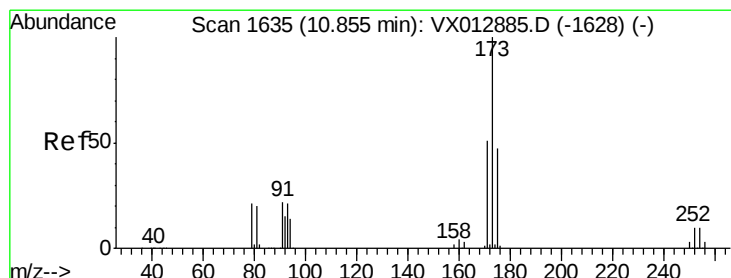
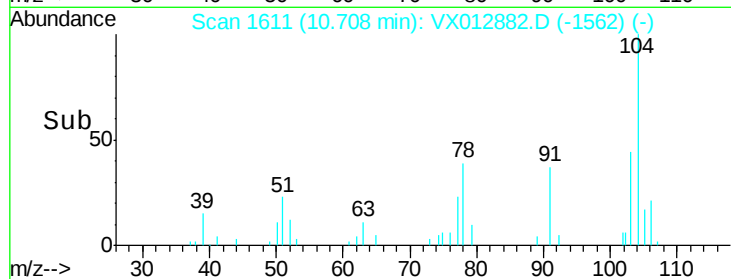
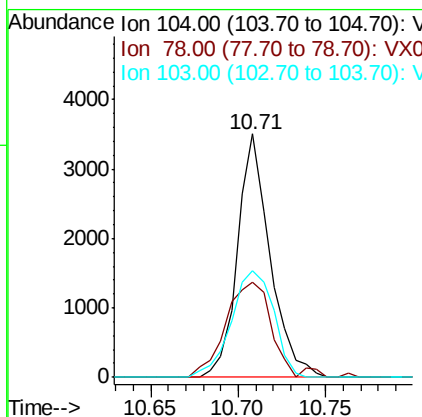
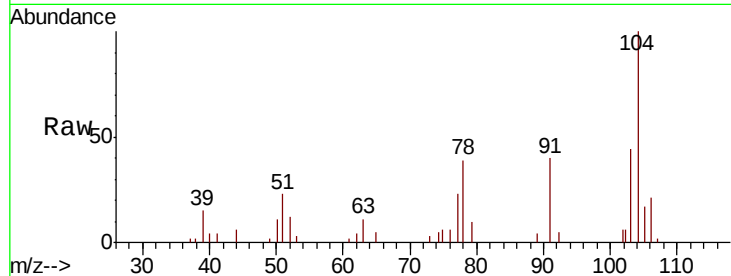
#70
Stvrene
Concen: 0.755 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	55.6	41.2	61.8
103	57.1	43.0	64.4

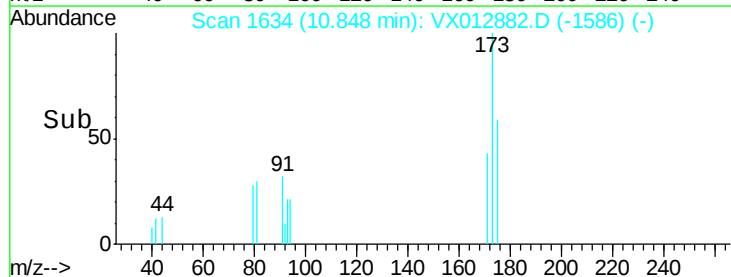
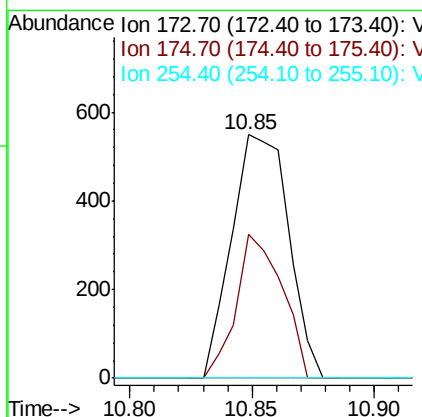
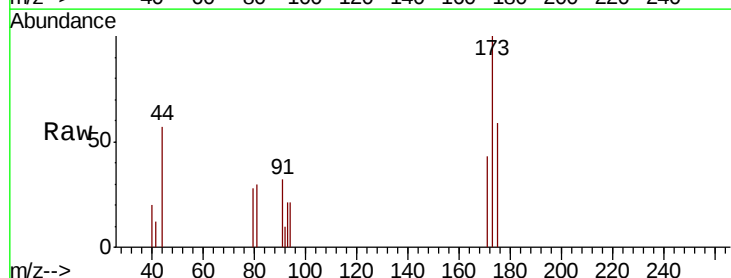
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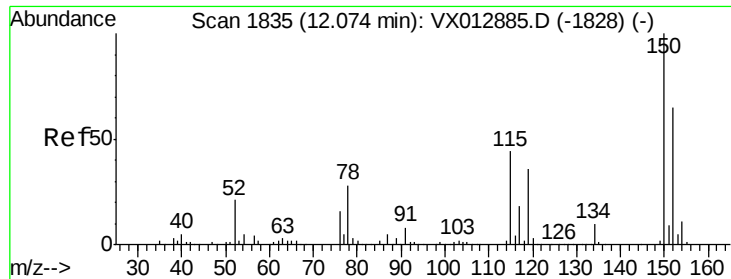
MMDadoda
10/9/2019 10:37:15 AM



#71
Bromoform
Concen: 0.645 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.6	24.1	72.3
254	0.0	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

Instrument :

MSVOA_X

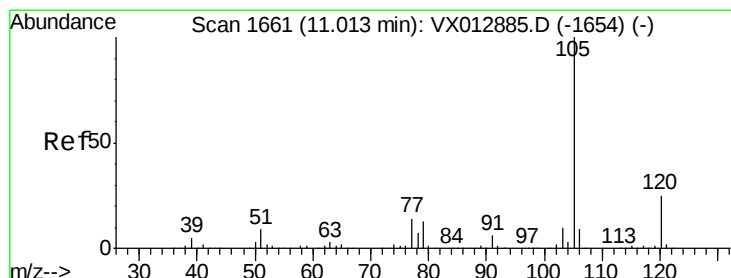
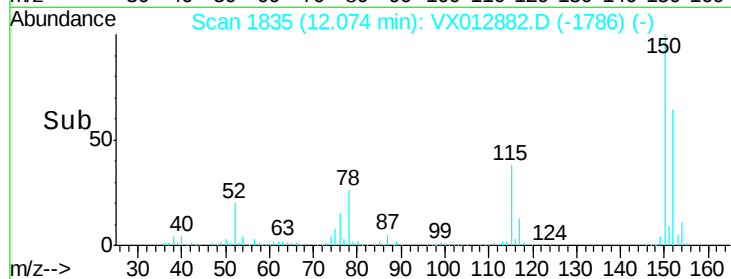
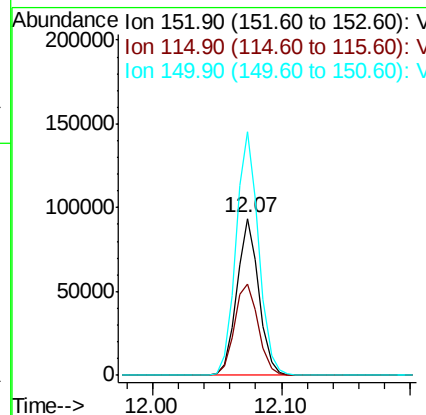
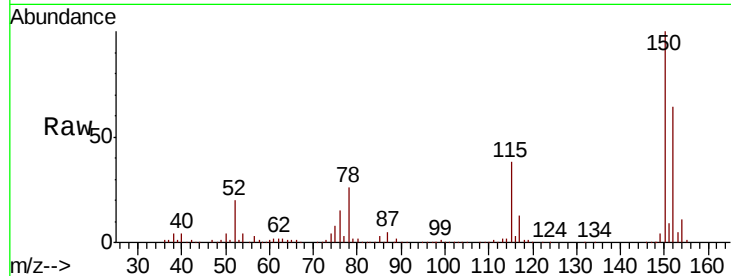
ClientSampleId :

VSTDIC001

Tot Ion:	152	Resp:	111263
Ion Ratio	Lower	Upper	
152	100		
115	63.5	44.5	133.5
150	160.2	0.0	353.4

Manual Integrations
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#73

Isopropylbenzene

Concen: 0.848 ug/l

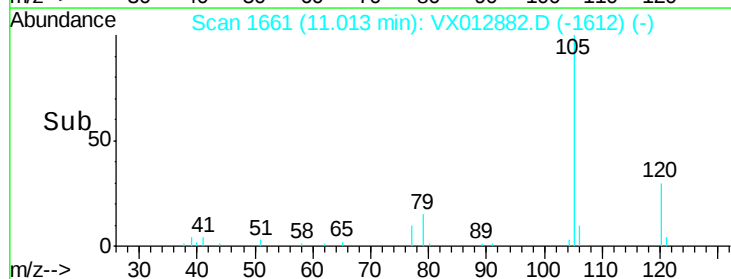
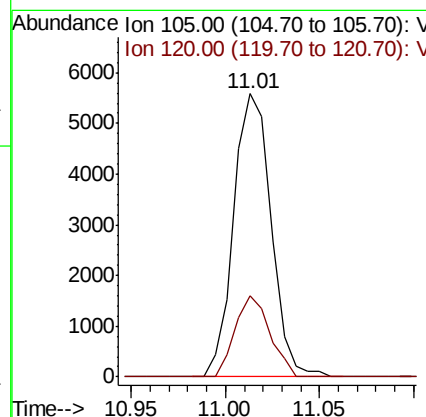
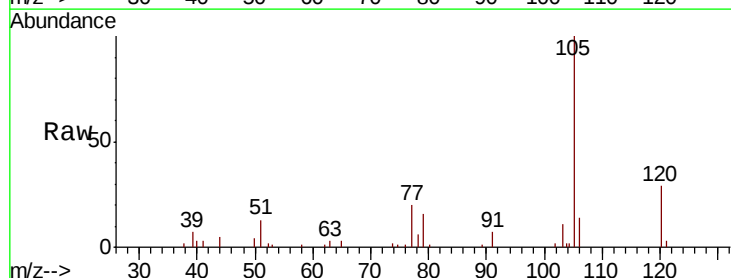
RT: 11.01 min Scan# 1661

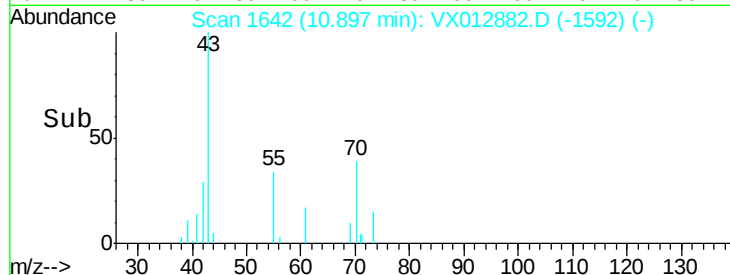
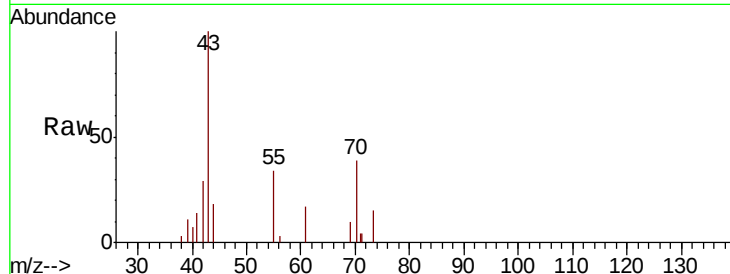
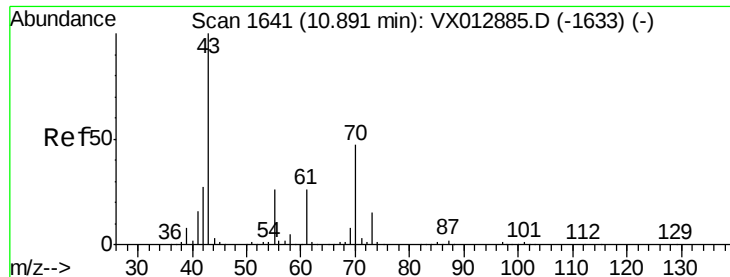
Delta R.T. -0.00 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

Tgt Ion:	105	Resp:	7693
Ion Ratio	Lower	Upper	
105	100		
120	26.6	13.0	39.0





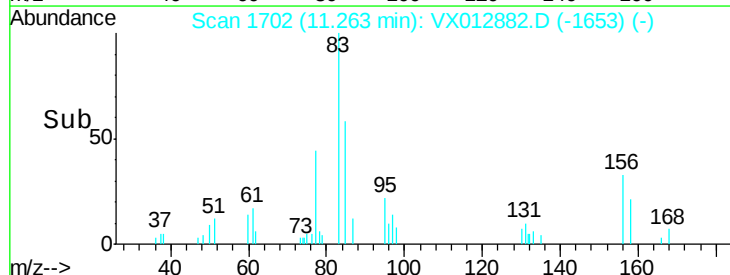
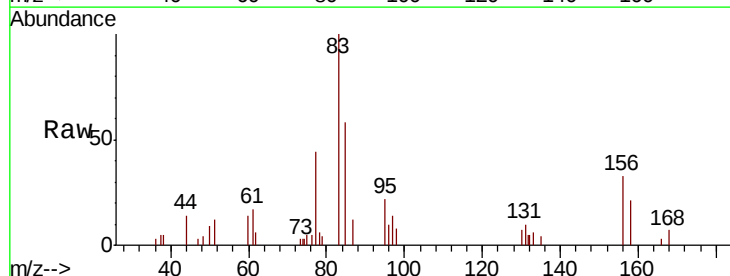
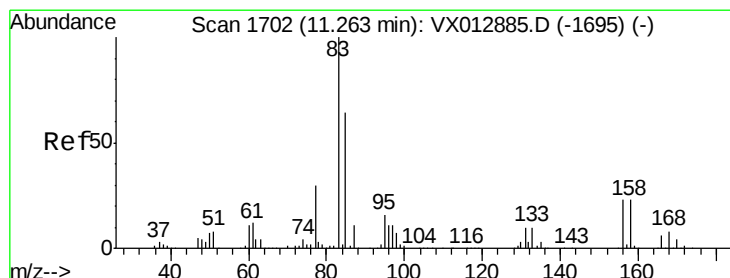
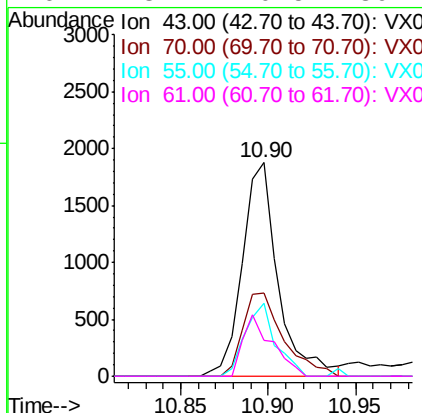
#74
N-amvl acetate
Concen: 0.627 ug/l
RT: 10.90 min Scan# 1642
Delta R.T. 0.01 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Tot Ion	43	70	55	61
Ratio	100	44.1	29.1	23.4
Lower		36.4	20.2	20.5
Upper		54.6	30.2	30.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

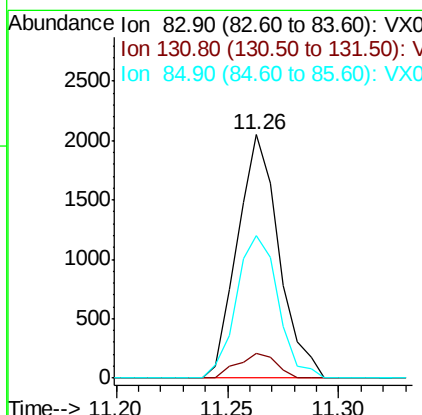
Manual Integrations
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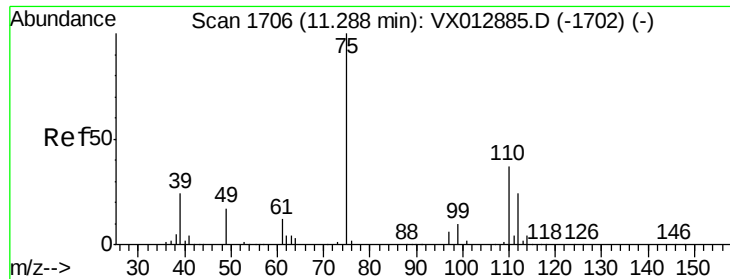
MMDadoda
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#75
1,1,2,2-Tetrachloroethane
Concen: 0.891 ug/l
RT: 11.26 min Scan# 1702
Delta R.T. -0.00 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Tgt Ion	83	131	85
Ratio	100	9.4	59.1
Lower		5.1	32.1
Upper		15.3	96.5





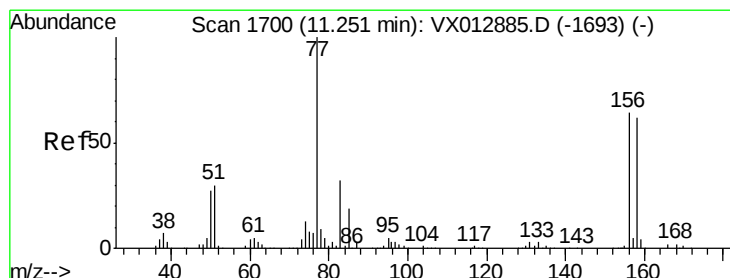
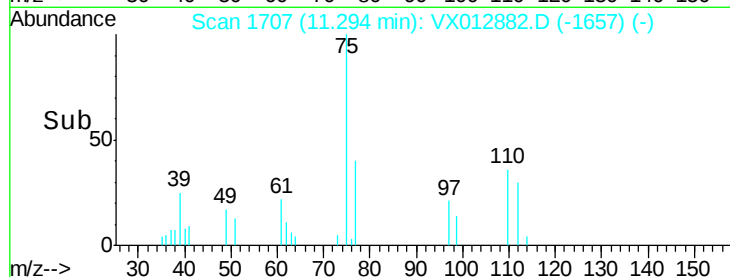
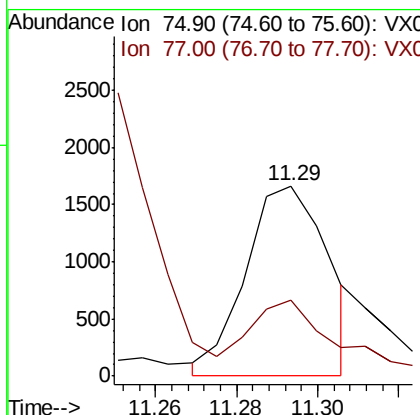
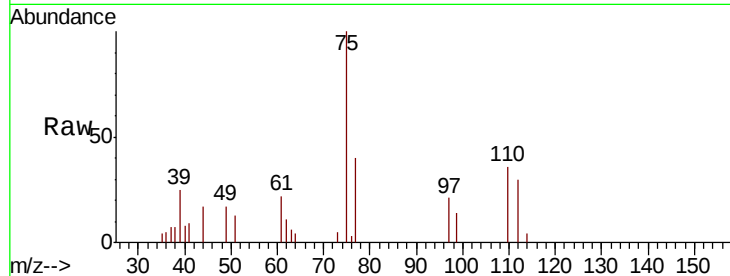
#76
 1,2,3-Trichloropropane
 Concen: 0.825 ug/l m
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX012882.D
 Acq: 08 Oct 2019 11:04

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion: 75 Resp: 2347
 Ion Ratio Lower Upper
 75 100
 77 43.8 22.9 68.8

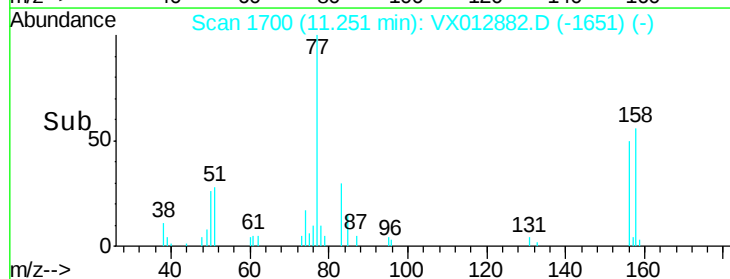
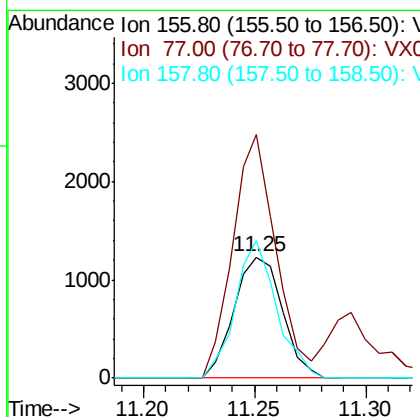
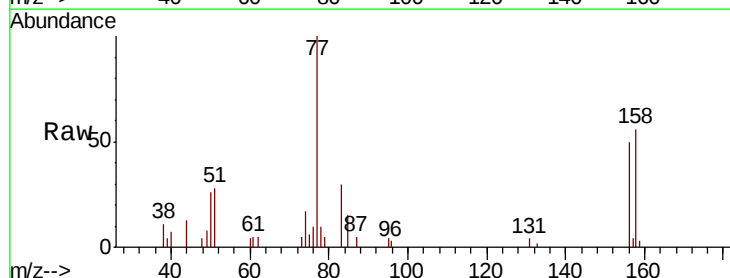
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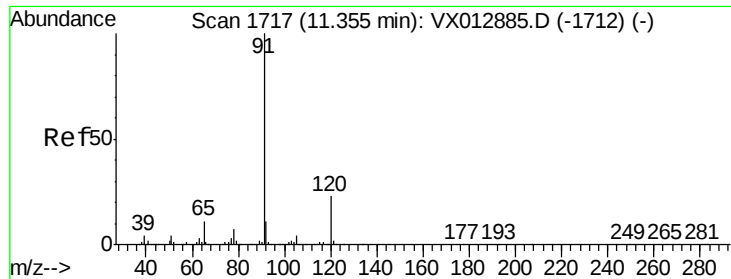
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#77
 Bromobenzene
 Concen: 0.902 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: VX012882.D
 Acq: 08 Oct 2019 11:04

Tgt Ion: 156 Resp: 1858
 Ion Ratio Lower Upper
 156 100
 77 179.4 83.7 251.0
 158 97.2 48.6 145.9





#78

n-propylbenzene

Concen: 0.802 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 8147

Ion Ratio Lower Upper

91 100

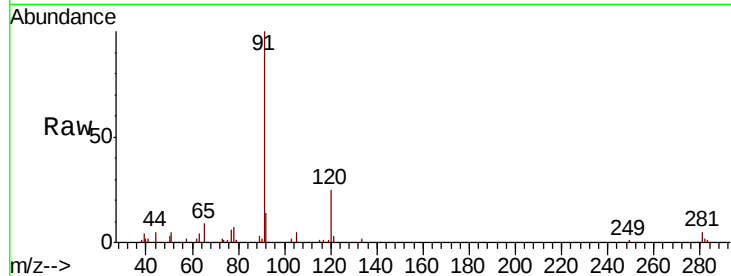
120 22.5 11.7 35.1

Manual Integrations

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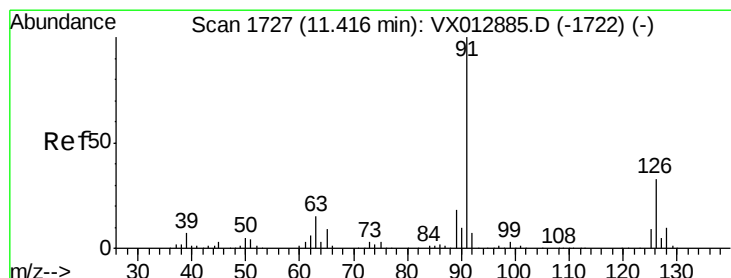
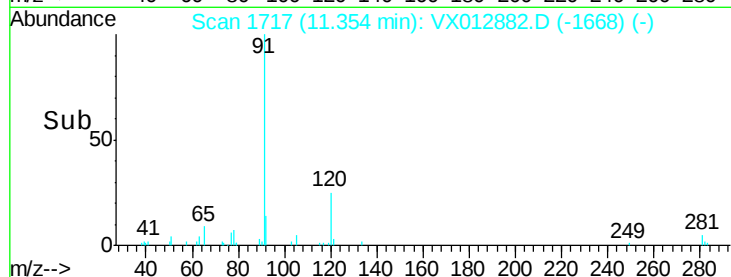
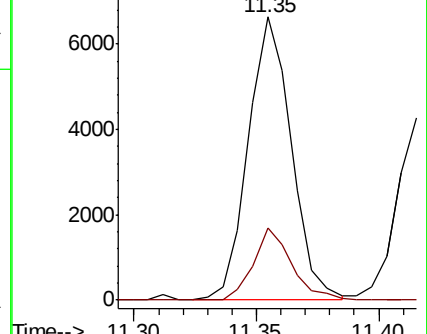
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 0.873 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX012882.D

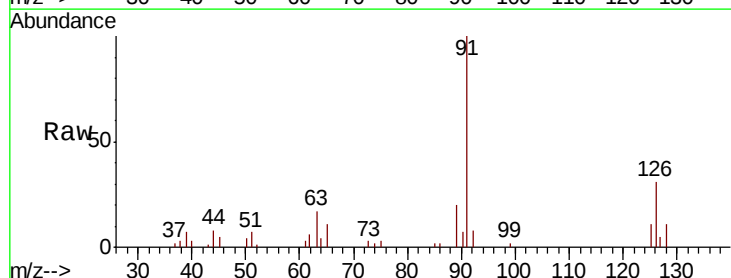
Acq: 08 Oct 2019 11:04

Tgt Ion: 91 Resp: 5544

Ion Ratio Lower Upper

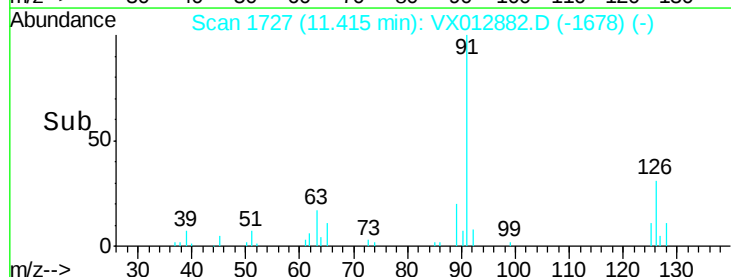
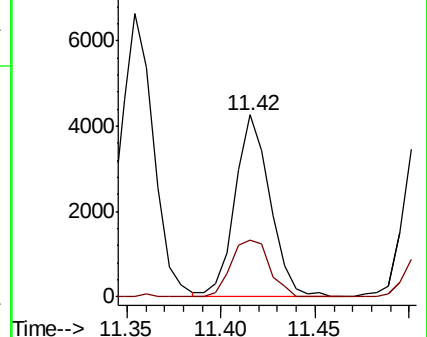
91 100

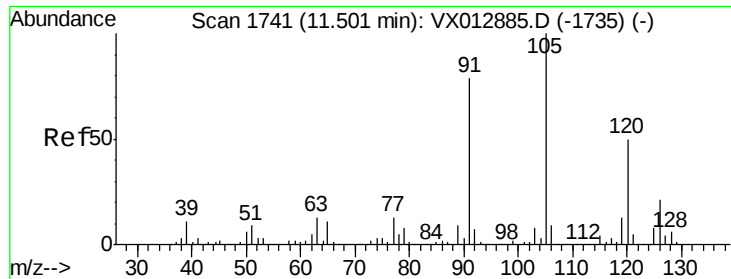
126 33.7 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





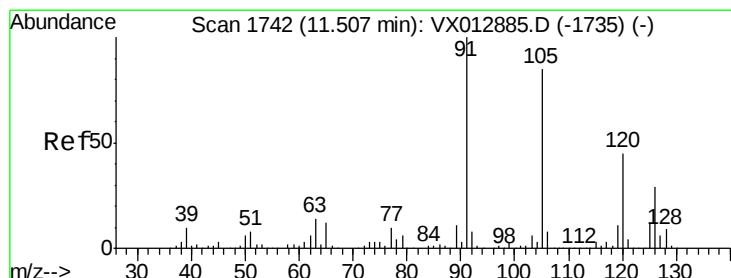
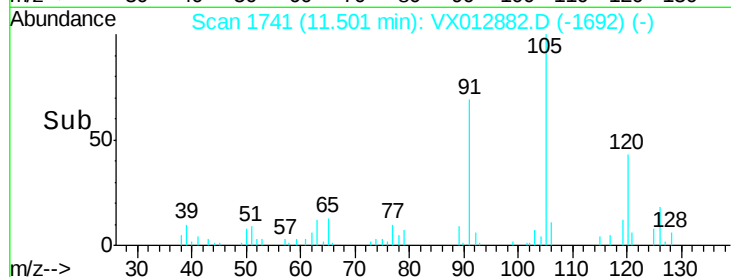
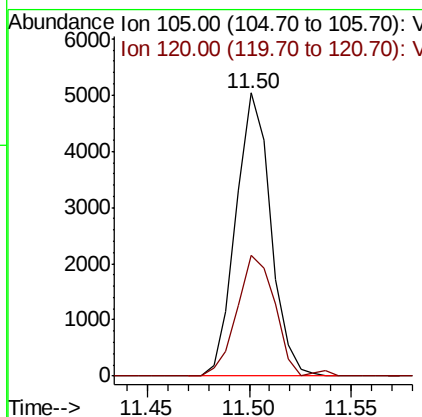
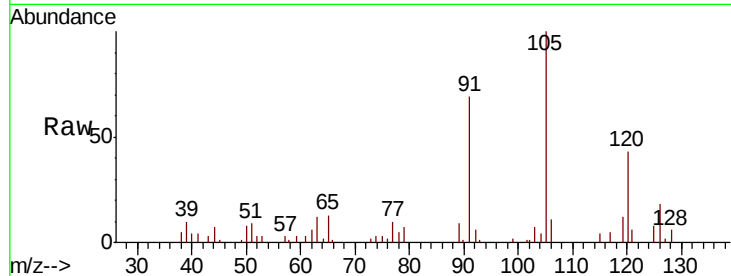
#80
1,3,5-Trimethylbenzene
Concen: 0.786 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:105 Resp: 5975
Ion Ratio Lower Upper
105 100
120 46.4 24.8 74.3

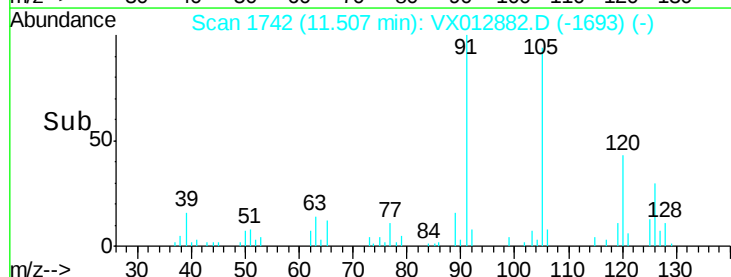
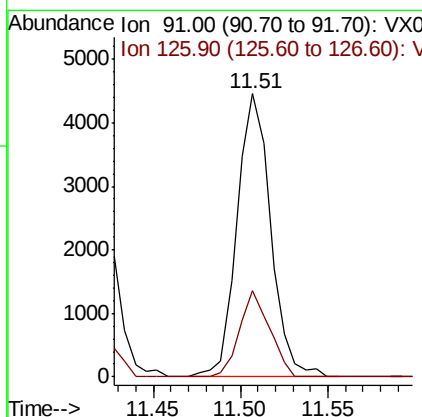
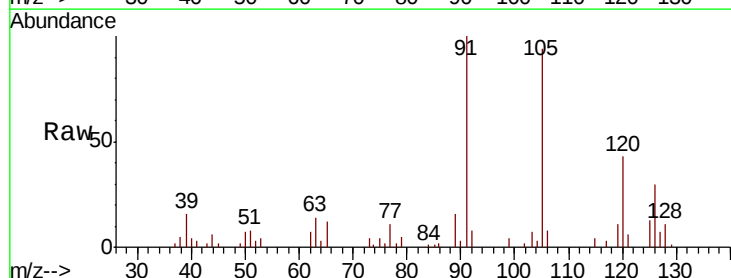
Manual Integrations
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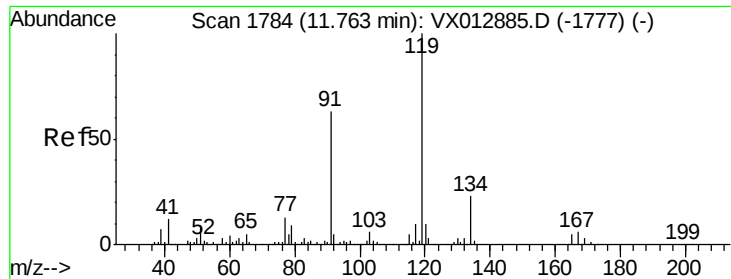
MMDadoda
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#82
4-Chlorotoluene
Concen: 0.825 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Tgt Ion: 91 Resp: 5978
Ion Ratio Lower Upper
91 100
126 27.1 14.2 42.6





#83

tert-Butylbenzene

Concen: 0.810 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

Instrument :

MSVOA_X

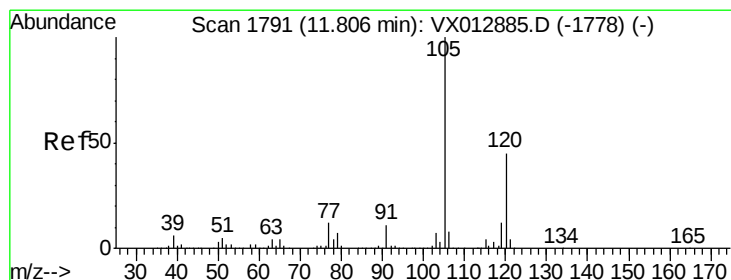
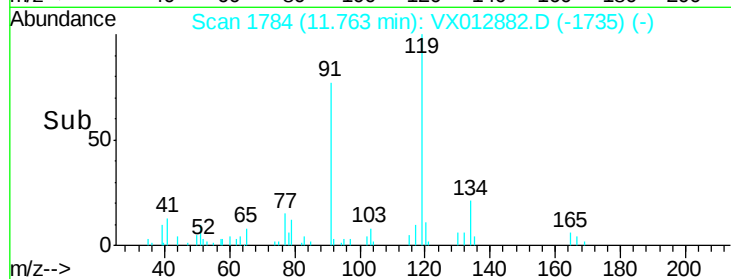
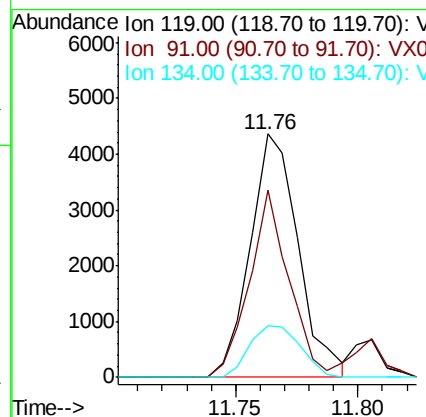
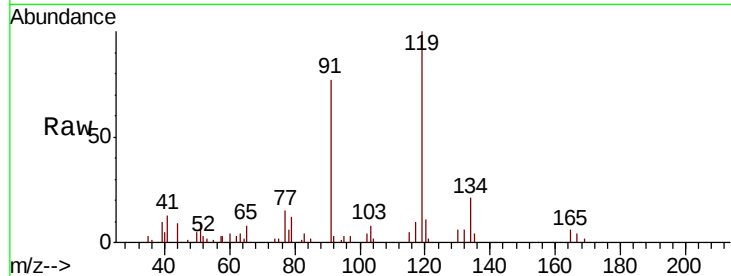
ClientSampleId :

VSTDIC001

Tot Ion:	119	Resp:	5964
Ion	Ratio	Lower	Upper
119	100		
91	63.2	29.3	87.9
134	22.4	11.5	34.4

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 0.783 ug/l

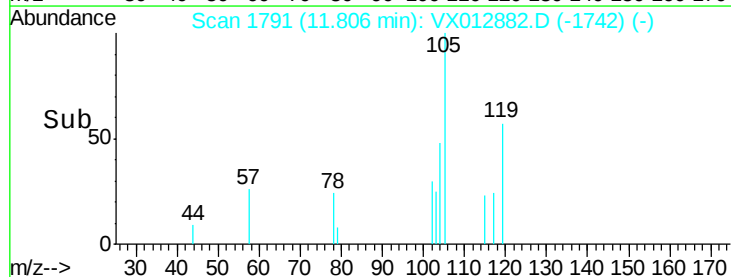
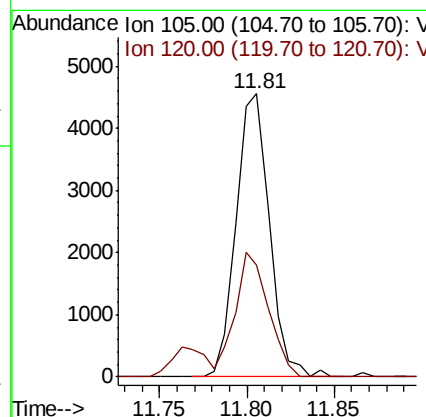
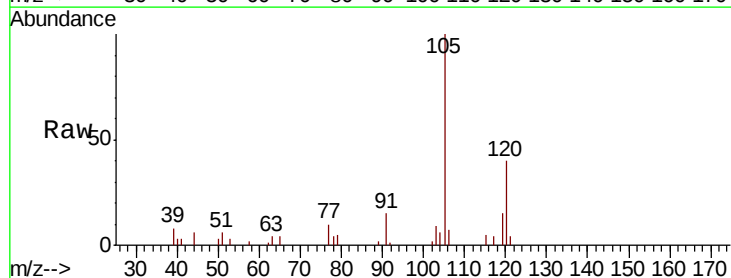
RT: 11.81 min Scan# 1791

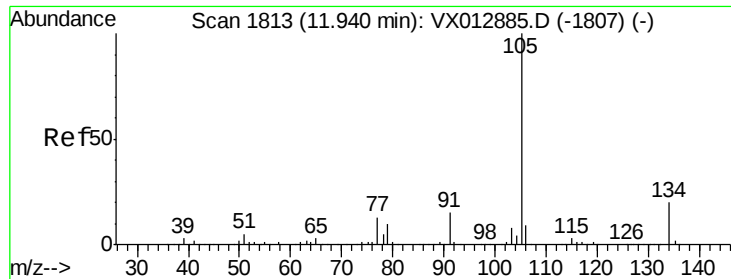
Delta R.T. -0.00 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

Tgt Ion:	105	Resp:	6018
Ion	Ratio	Lower	Upper
105	100		
120	44.3	21.8	65.3





#85

sec-Butylbenzene

Concen: 0.790 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 6755

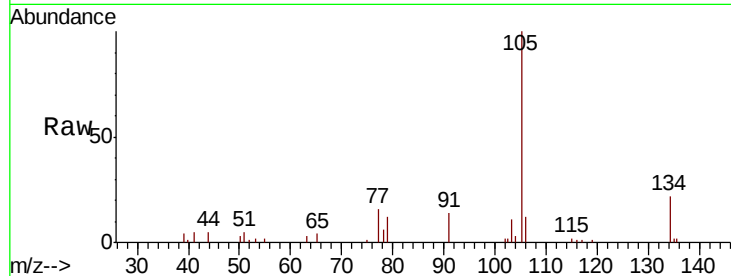
Ion Ratio Lower Upper

105 100

134 20.1 10.0 30.0

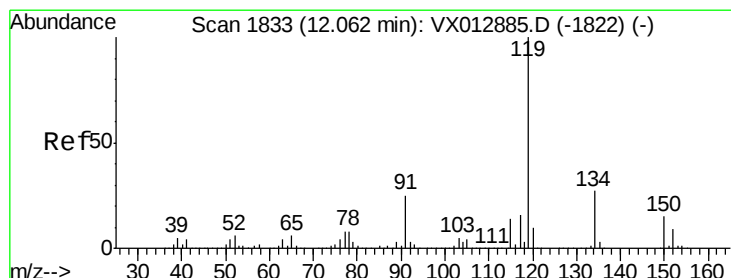
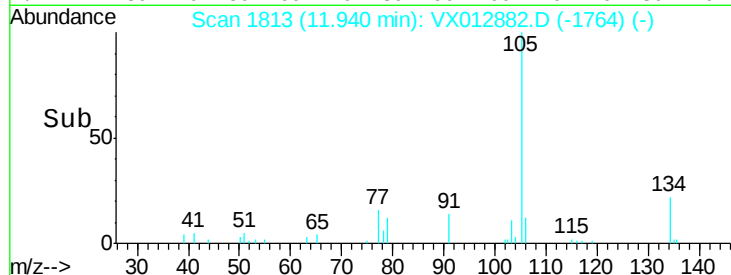
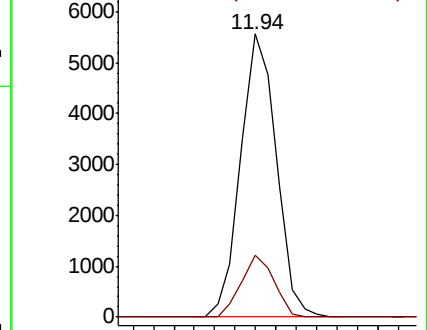
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.806 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

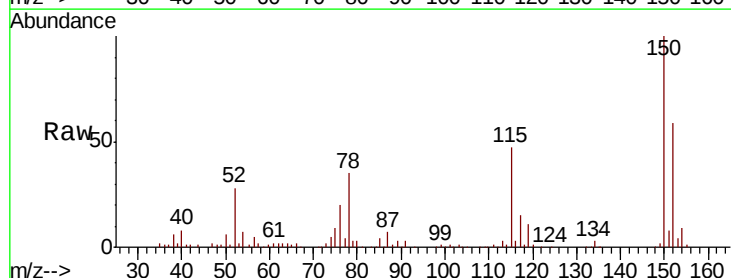
Tgt Ion:119 Resp: 6214

Ion Ratio Lower Upper

119 100

134 28.4 12.6 37.8

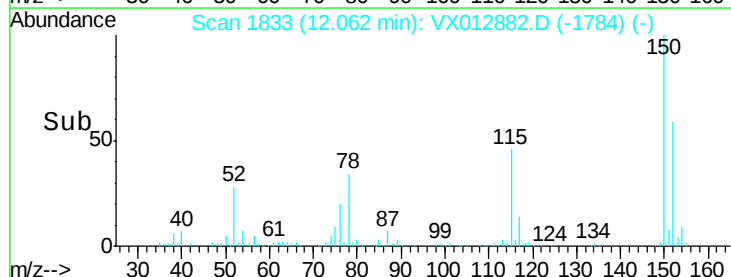
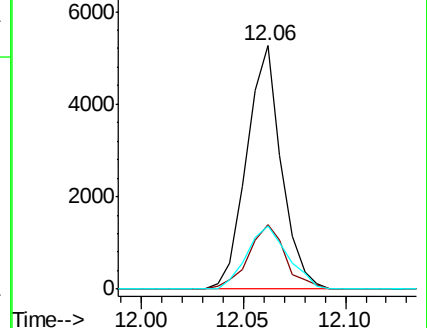
91 30.7 12.4 37.4

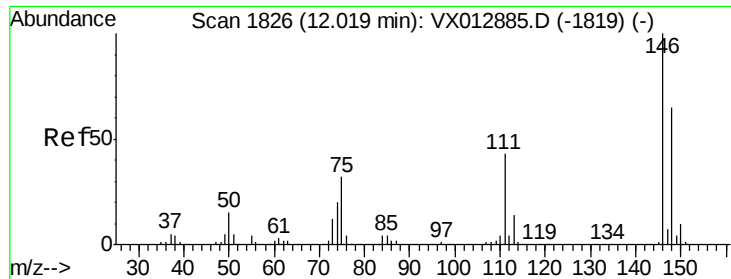


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





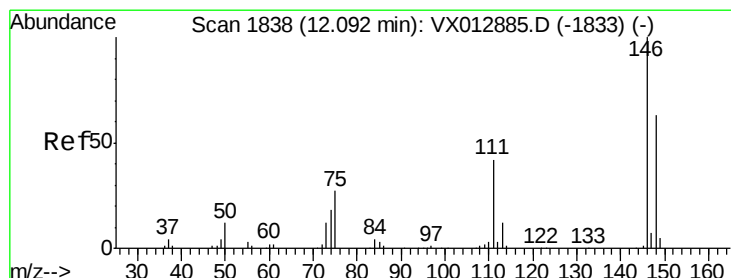
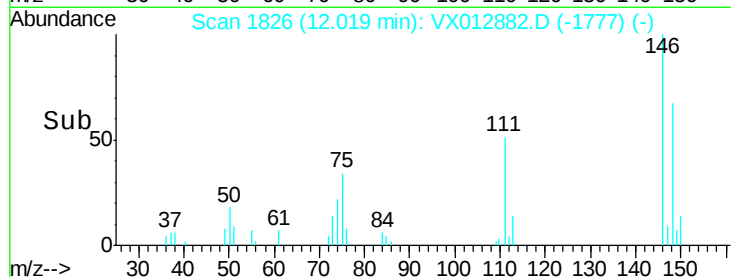
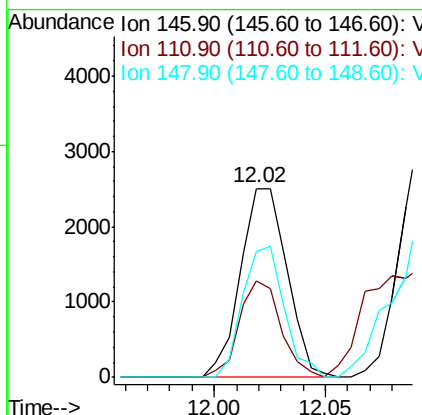
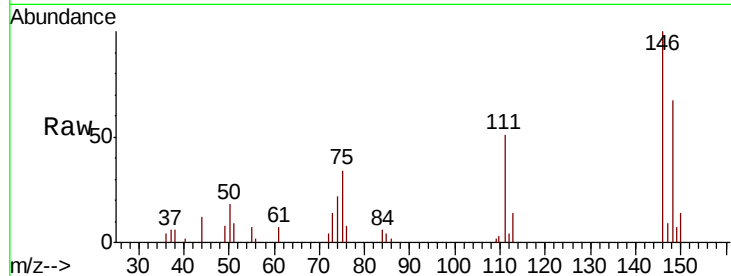
#87
 1,3-Dichlorobenzene
 Concen: 0.985 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012882.D
 Acq: 08 Oct 2019 11:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.6	21.1	63.4
148	61.9	31.6	95.0

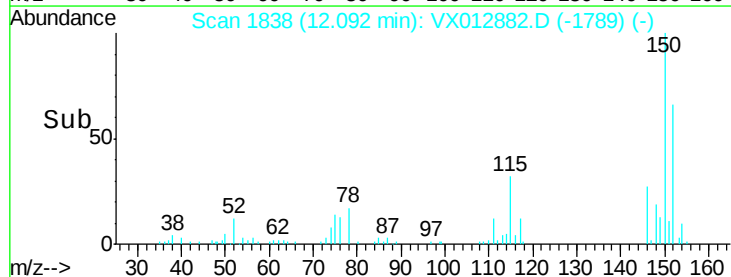
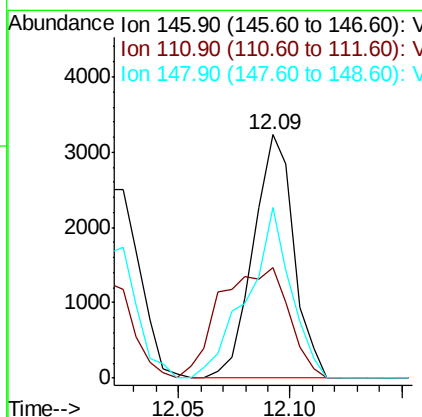
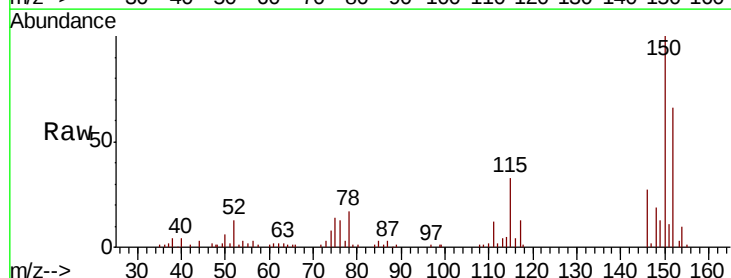
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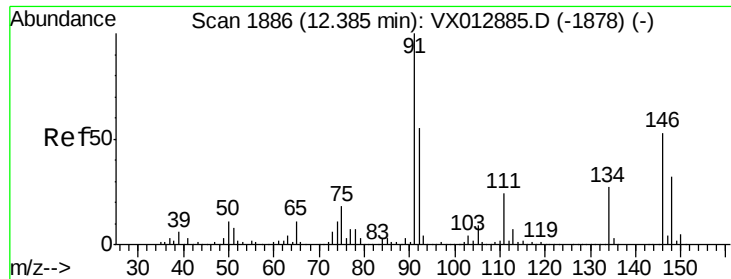
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#88
 1,4-Dichlorobenzene
 Concen: 1.081 ug/l m
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012882.D
 Acq: 08 Oct 2019 11:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	21.4	64.3
148	56.0	32.1	96.5





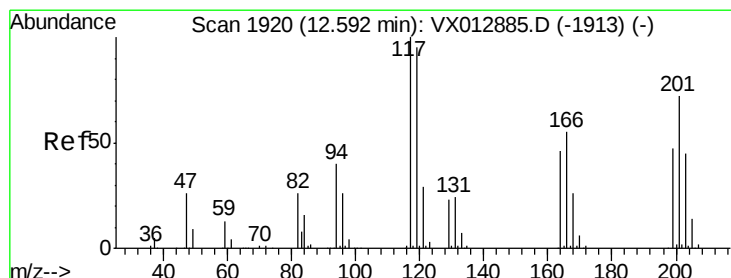
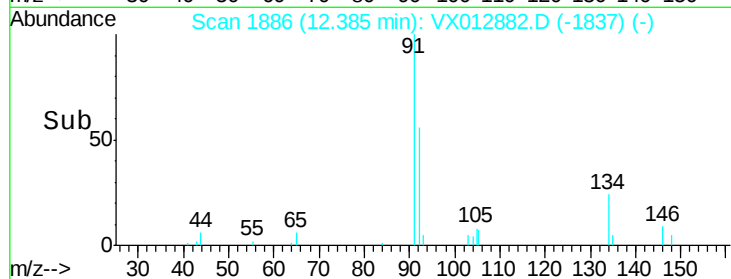
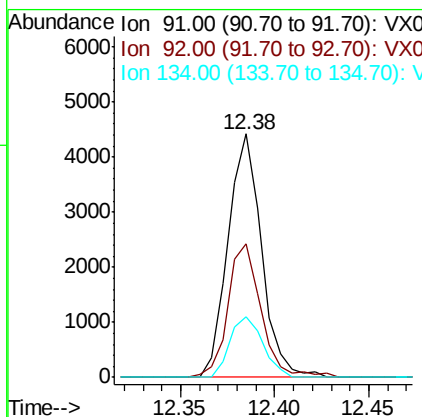
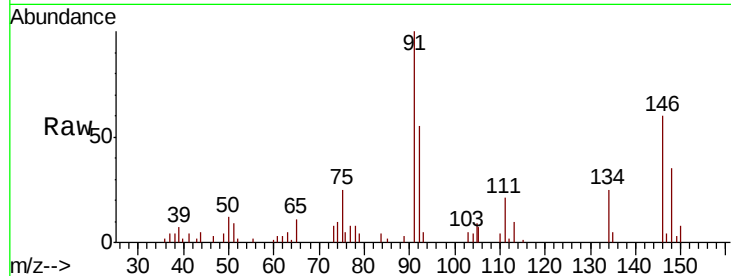
#89
n-Butylbenzene
Concen: 0.807 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.5	82.5
134	24.4	12.9	38.7

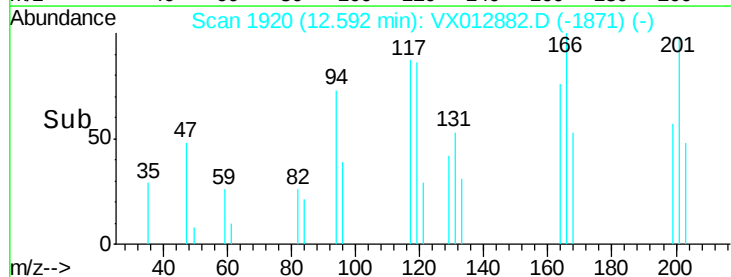
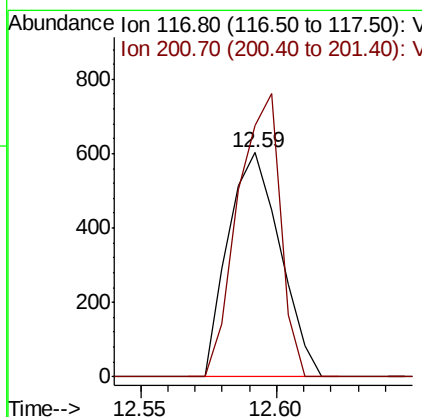
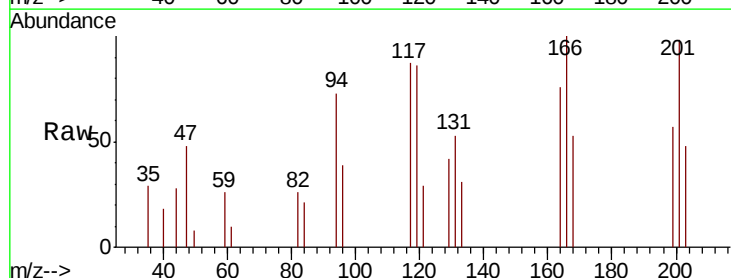
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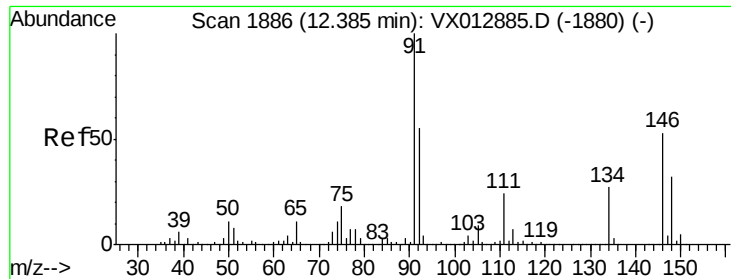
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#90
Hexachloroethane
Concen: 0.585 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Tgt Ion	Ratio	Lower	Upper
117	100		
201	103.0	36.9	110.7





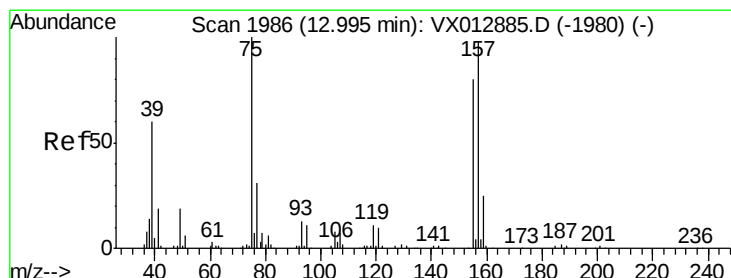
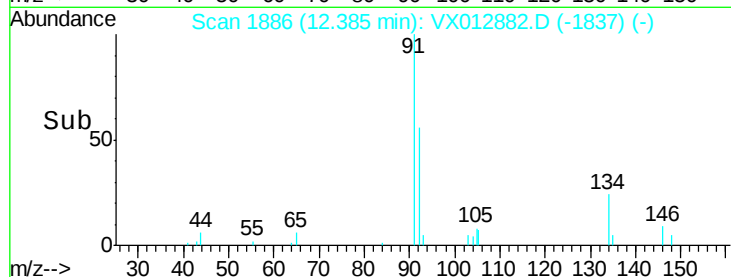
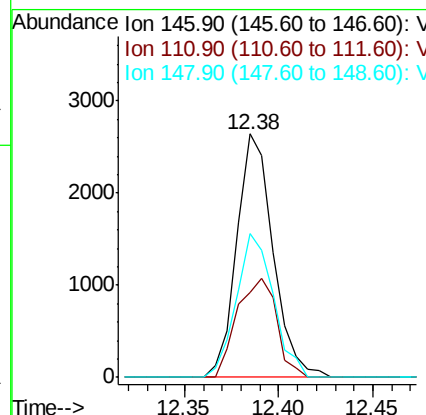
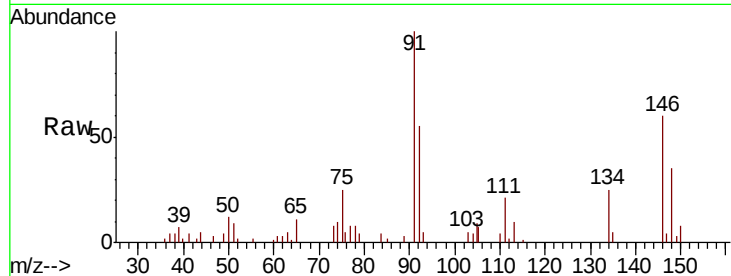
#91
 1,2-Dichlorobenzene
 Concen: 0.955 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012882.D
 Acq: 08 Oct 2019 11:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.1	22.7	68.0
148	60.0	31.6	94.7

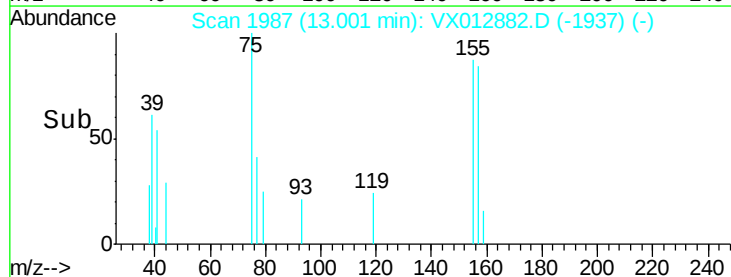
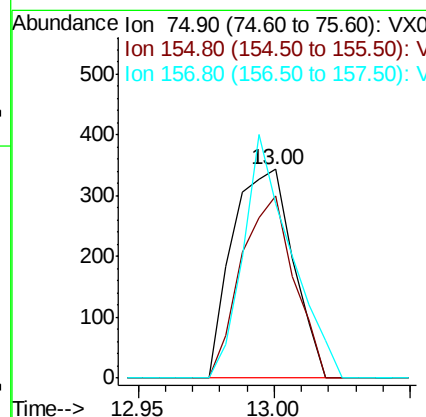
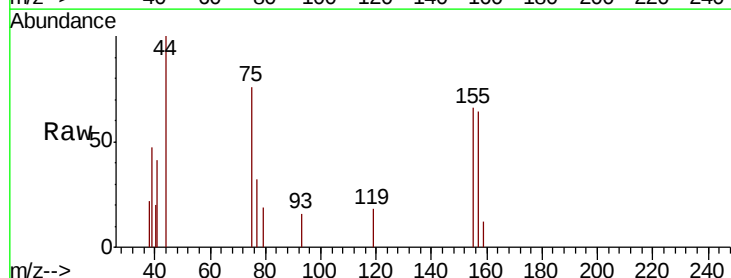
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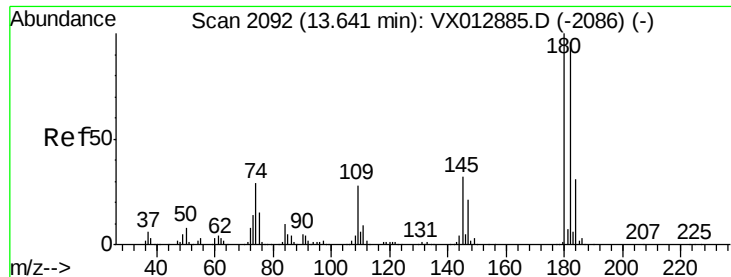
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.717 ug/l
 RT: 13.00 min Scan# 1987
 Delta R.T. 0.01 min
 Lab File: VX012882.D
 Acq: 08 Oct 2019 11:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.1	43.0	128.8
157	91.1	54.1	162.3





#93

1,2,4-Trichlorobenzene

Concen: 1.066 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

Instrument :

MSVOA_X

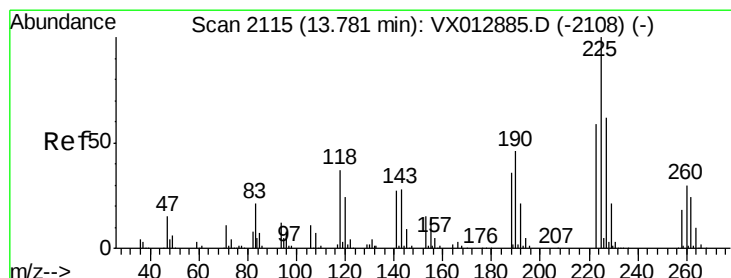
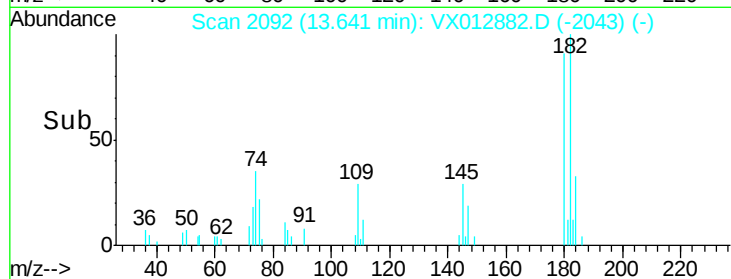
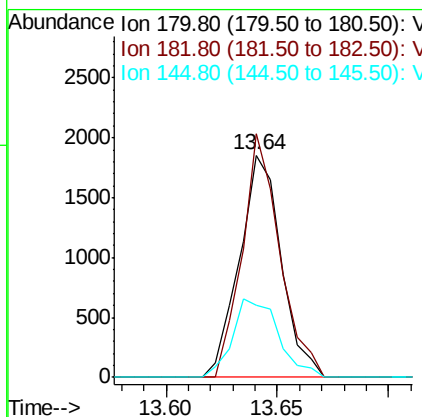
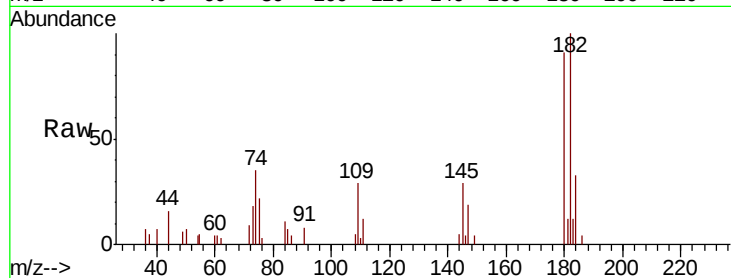
ClientSampleId :

VSTDIC001

Tot Ion:	180	Resp:	2427
Ion Ratio	Lower	Upper	
180	100		
182	98.6	46.8	140.4
145	38.7	16.2	48.6

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#94

Hexachlorobutadiene

Concen: 1.156 ug/l

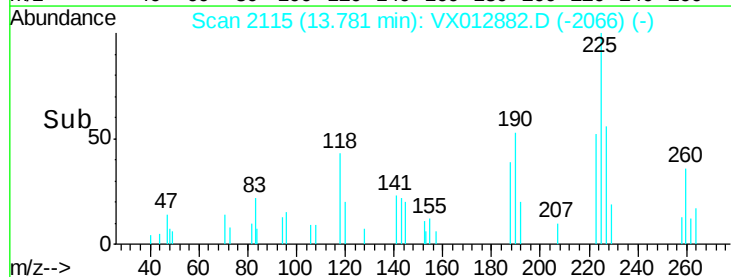
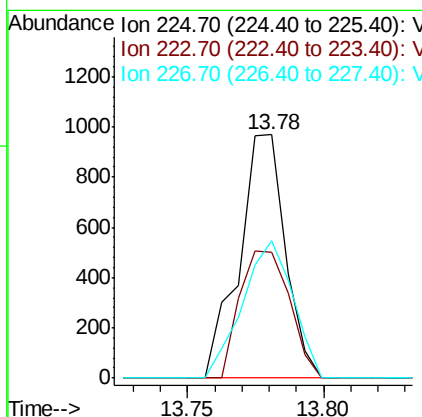
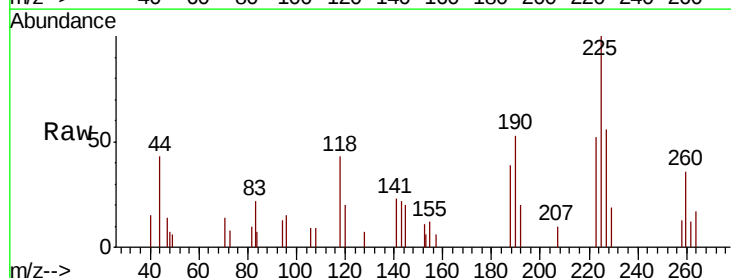
RT: 13.78 min Scan# 2115

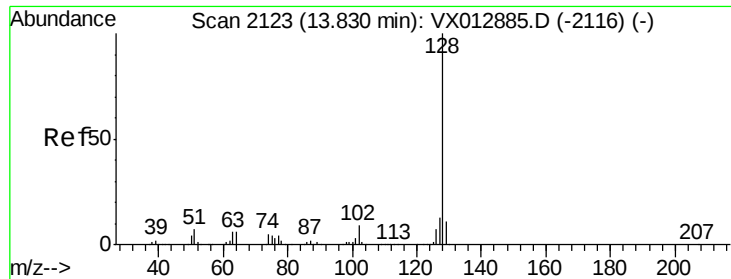
Delta R.T. -0.00 min

Lab File: VX012882.D

Acq: 08 Oct 2019 11:04

Tgt Ion:	225	Resp:	1143
Ion Ratio	Lower	Upper	
225	100		
223	56.3	31.1	93.2
227	61.1	32.3	96.9





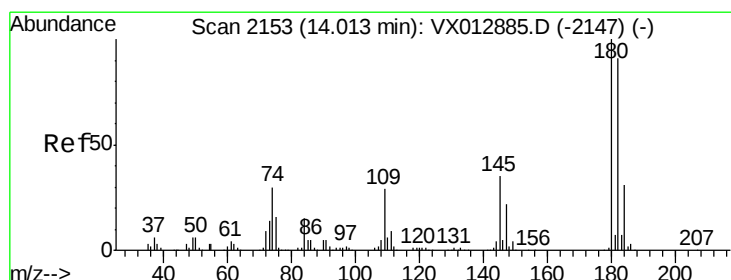
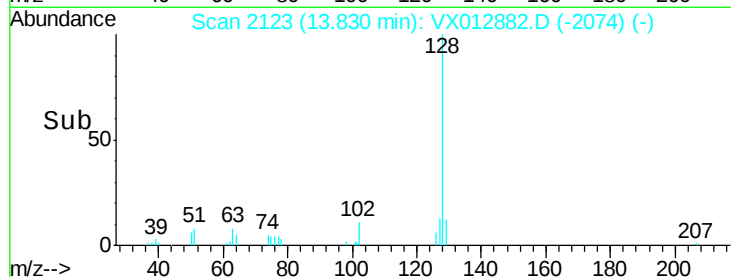
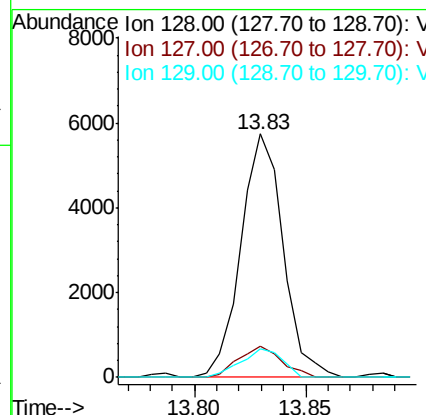
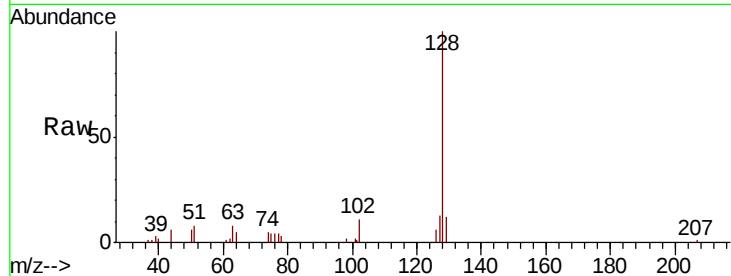
#95
Naphthalene
Concen: 0.931 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	11.5	8.8	13.2

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#96
1,2,3-Trichlorobenzene
Concen: 1.125 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX012882.D
Acq: 08 Oct 2019 11:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.2	47.5	142.5
145	33.0	17.4	52.3

