

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100819\
 Data File : VX012906.D
 Acq On : 08 Oct 2019 22:29
 Operator : JC/SP
 Sample : VX1008WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1008WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/9/2019 10:39:10 AM

Quant Time: Oct 09 07:18:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	173633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	302277	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	266785	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	122898	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	115691	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	
35) Dibromofluoromethane	5.49	113	91636	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	
50) Toluene-d8	8.71	98	352324	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
62) 4-Bromofluorobenzene	11.14	95	132043	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	36090	20.391	ug/l	99
3) Chloromethane	1.32	50	39627	20.573	ug/l	99
4) Vinyl Chloride	1.40	62	39672	19.955	ug/l	98
5) Bromomethane	1.63	94	20435	24.727	ug/l	98
6) Chloroethane	1.72	64	24560	20.443	ug/l	95
7) Trichlorofluoromethane	1.92	101	54457	20.294	ug/l	97
8) Diethyl Ether	2.18	74	21697	20.032	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	34125	19.650	ug/l	99
10) Methyl Iodide	2.50	142	28369	18.035	ug/l	100
11) Tert butyl alcohol	3.03	59	55842	97.066	ug/l	96
12) 1,1-Dichloroethene	2.36	96	34679	19.764	ug/l	96
13) Acrolein	2.28	56	36506	89.292	ug/l	99
14) Allyl chloride	2.72	41	61406	19.651	ug/l	99
15) Acrylonitrile	3.13	53	111043	101.853	ug/l	99
16) Acetone	2.43	43	96893	84.704	ug/l	100
17) Carbon Disulfide	2.56	76	92073	18.403	ug/l	98
18) Methyl Acetate	2.76	43	56531	20.850	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	126971	20.954	ug/l	99
20) Methylene Chloride	2.85	84	40292	19.166	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	38479	20.460	ug/l	99
22) Diisopropyl ether	3.84	45	126365	21.104	ug/l	91
23) Vinyl Acetate	3.80	43	523615	101.299	ug/l	99
24) 1,1-Dichloroethane	3.69	63	69386	20.598	ug/l	99
25) 2-Butanone	4.66	43	155552	98.016	ug/l	98
26) 2,2-Dichloropropane	4.57	77	48331	17.062	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	43611	20.118	ug/l	100
28) Bromochloromethane	5.00	49	23272	22.875	ug/l	99
29) Tetrahydrofuran	5.12	42	99801	102.193	ug/l	100
30) Chloroform	5.20	83	69747	20.179	ug/l	100
31) Cyclohexane	5.57	56	62892	19.967	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	60752	20.744	ug/l	98
36) 1,1-Dichloropropene	5.79	75	51790	19.487	ug/l	99
37) Ethyl Acetate	4.82	43	59172	19.912	ug/l	99
38) Carbon Tetrachloride	5.78	117	49572	19.164	ug/l	95

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	61503	19.083	ug/l	100
40) Benzene	6.14	78	159290	20.293	ug/l	99
41) Methacrylonitrile	5.03	41	31868	19.516	ug/l	99
42) 1,2-Dichloroethane	6.18	62	56066	19.906	ug/l	100
43) Isopropyl Acetate	6.43	43	95111	19.940	ug/l	99
44) Trichloroethene	7.20	130	41182	18.920	ug/l	94
45) 1,2-Dichloropropane	7.51	63	41086	20.537	ug/l	98
46) Dibromomethane	7.65	93	26155	19.623	ug/l	99
47) Bromodichloromethane	7.89	83	50662	19.477	ug/l	99
48) Methyl methacrylate	7.76	41	45671	19.649	ug/l	98
49) 1,4-Dioxane	7.73	88	22374	381.199	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	298999	100.543	ug/l	100
52) Toluene	8.78	92	98325	19.580	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	54974	18.370	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	60292	18.846	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	39024	19.637	ug/l	97
56) Ethyl methacrylate	9.17	69	63428	19.002	ug/l	98
57) 1,3-Dichloropropane	9.37	76	68578	19.949	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	149493	102.399	ug/l	100
59) 2-Hexanone	9.48	43	226974	98.048	ug/l	99
60) Dibromochloromethane	9.57	129	37427	18.152	ug/l	98
61) 1,2-Dibromoethane	9.67	107	41465	19.835	ug/l	98
64) Tetrachloroethene	9.33	164	37847	20.453	ug/l	95
65) Chlorobenzene	10.14	112	104129	19.655	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	36988	20.136	ug/l	98
67) Ethyl Benzene	10.25	91	191220	20.320	ug/l	98
68) m/p-Xylenes	10.35	106	141654	40.292	ug/l	98
69) o-Xylene	10.70	106	68892	20.095	ug/l	100
70) Styrene	10.71	104	117032	20.080	ug/l	99
71) Bromoform	10.85	173	24799	17.987	ug/l #	98
73) Isopropylbenzene	11.01	105	184740	20.446	ug/l	99
74) N-amyl acetate	10.89	43	76331	19.615	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	60437	20.110	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	50200m	18.416	ug/l	
77) Bromobenzene	11.25	156	41621	19.547	ug/l	94
78) n-propylbenzene	11.35	91	203544	20.472	ug/l	97
79) 2-Chlorotoluene	11.42	91	125550	20.092	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	153824	20.388	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	15841	17.807	ug/l	95
82) 4-Chlorotoluene	11.51	91	146907	20.512	ug/l	99
83) tert-Butylbenzene	11.76	119	147146	19.993	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	158446	20.736	ug/l	99
85) sec-Butylbenzene	11.94	105	175040	20.528	ug/l	99
86) p-Isopropyltoluene	12.06	119	158408	20.031	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	77146	19.511	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	76402	19.079	ug/l	99
89) n-Butylbenzene	12.39	91	131249	19.747	ug/l	97
90) Hexachloroethane	12.59	117	25198	18.593	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	77151	19.903	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	13441	19.082	ug/l	95

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ClientSampleId :
VX1008WBS02

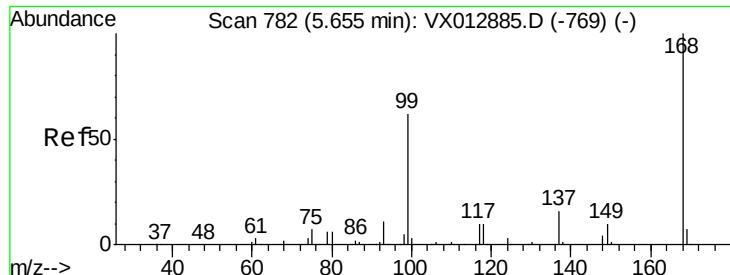
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	44736	18.423	ug/l	99
94) Hexachlorobutadiene	13.78	225	21312	19.018	ug/l	96
95) Naphthalene	13.83	128	163701	19.448	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	46327	18.462	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX012906.D

Acq: 08 Oct 2019 22:29

Instrument :

MSVOA_X

ClientSampleId :

VX1008WBS02

Tot Ion:168 Resp: 173633

Ion Ratio Lower Upper

168 100

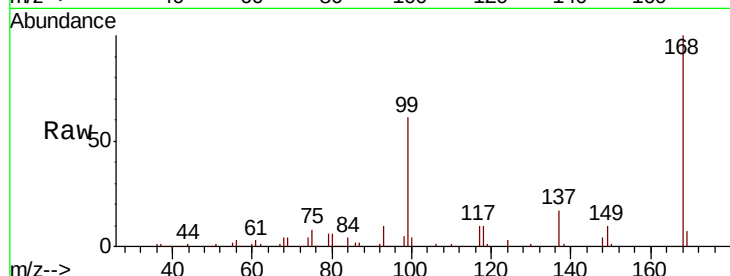
99 61.0 49.4 74.0

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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

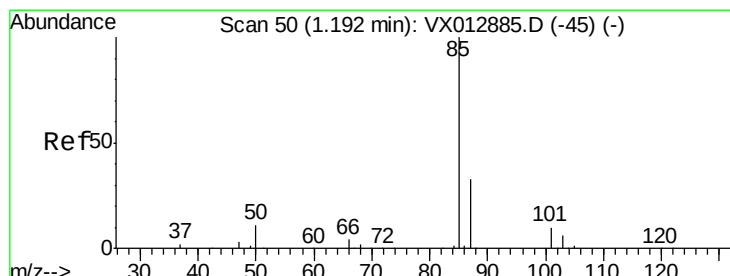
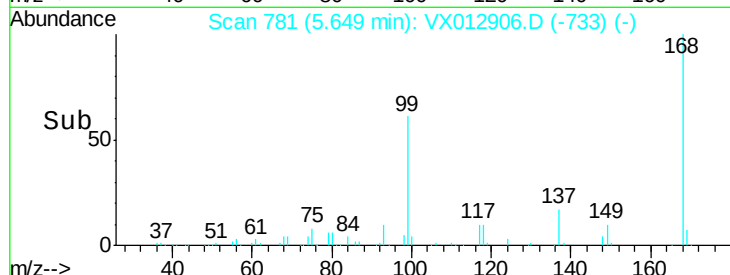
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.391 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX012906.D

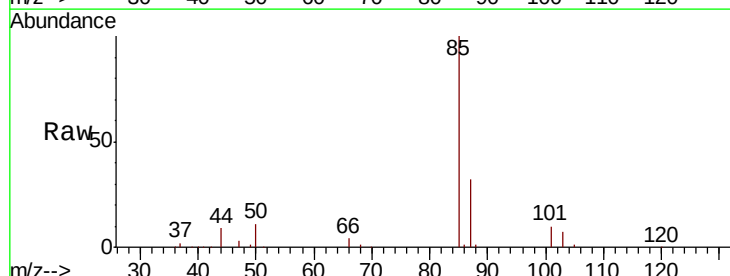
Acq: 08 Oct 2019 22:29

Tgt Ion: 85 Resp: 36090

Ion Ratio Lower Upper

85 100

87 32.5 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

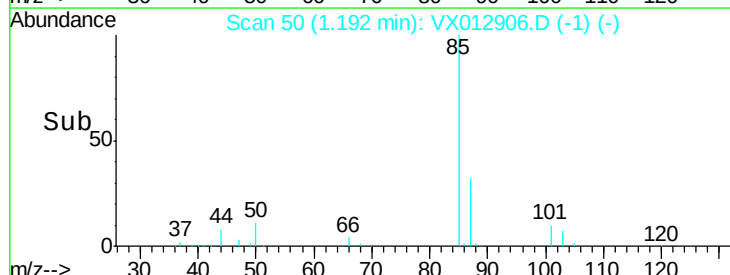
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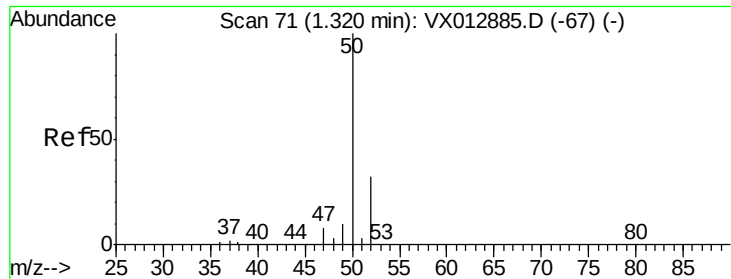
20000

10000

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Time-->





#3

Chloromethane

Concen: 20.573 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012906.D

Acq: 08 Oct 2019 22:29

Instrument :

MSVOA_X

ClientSampleId :

VX1008WBS02

Tot Ion: 50 Resp: 39627

Ion Ratio Lower Upper

50 100

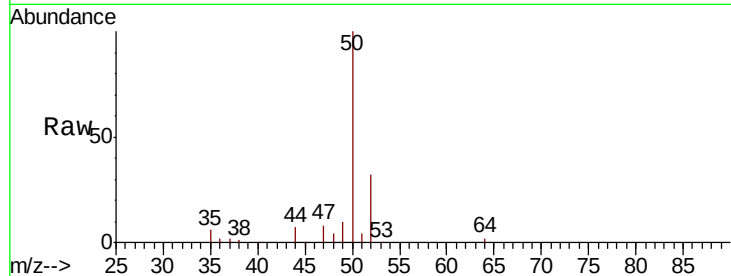
52 32.2 25.2 37.8

Manual Integrations

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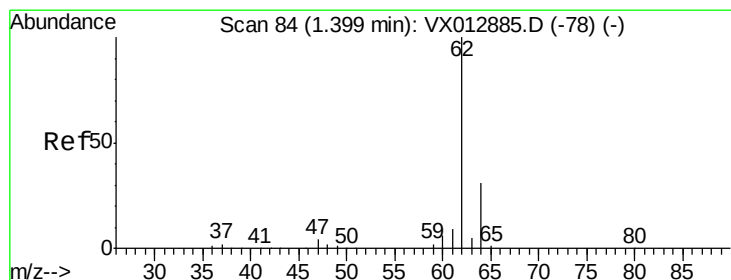
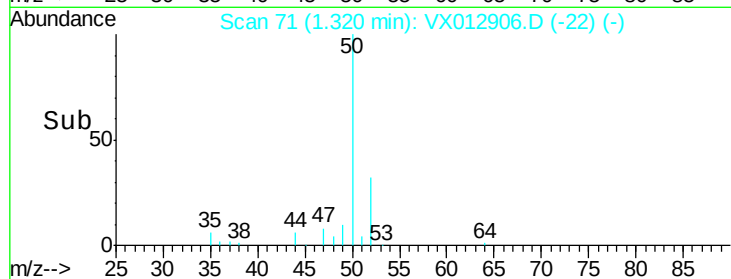
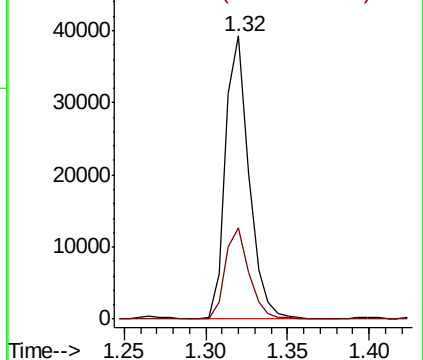
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.955 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012906.D

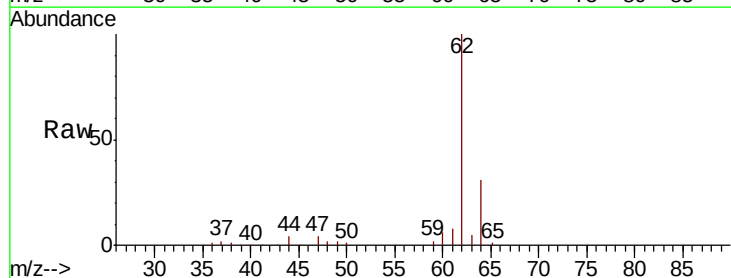
Acq: 08 Oct 2019 22:29

Tgt Ion: 62 Resp: 39672

Ion Ratio Lower Upper

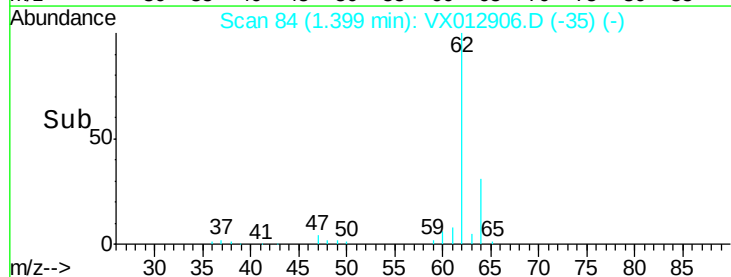
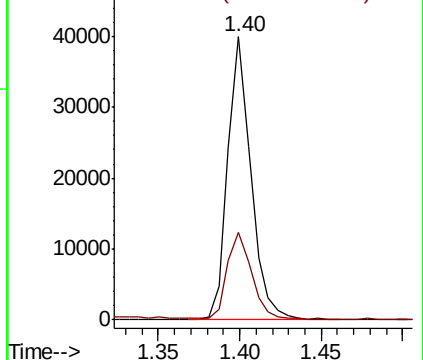
62 100

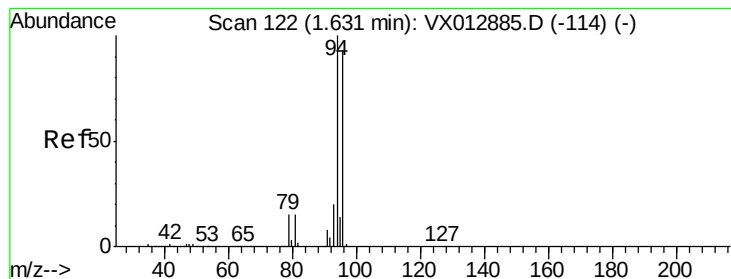
64 30.7 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 24.727 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX012906.D

Acq: 08 Oct 2019 22:29

Instrument :

MSVOA_X

ClientSampled :

VX1008WBS02

Tot Ion: 94 Resp: 20435

Ion Ratio Lower Upper

94 100

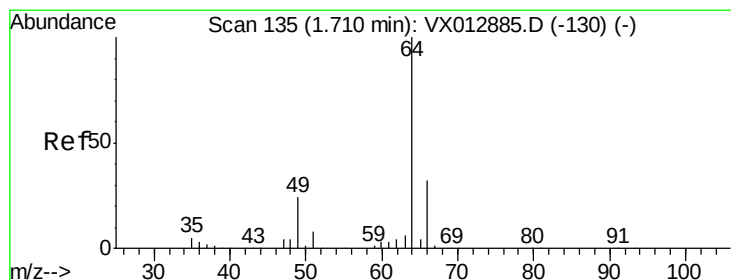
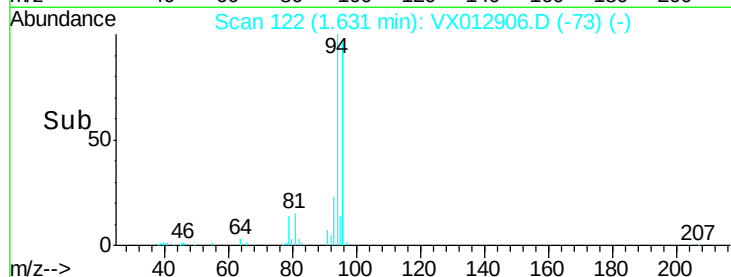
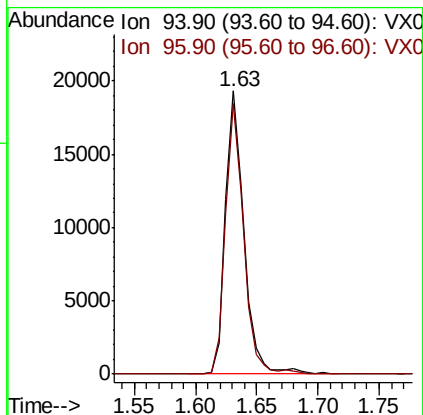
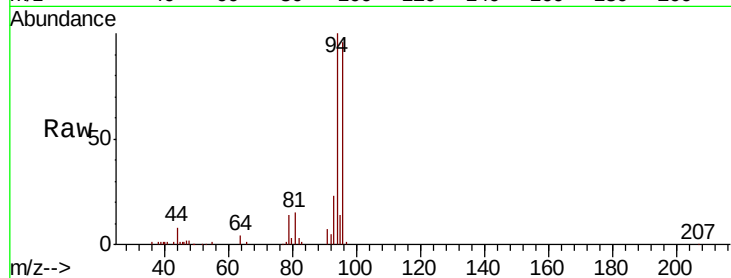
96 95.6 74.7 112.1

Manual Integrations

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#6

Chloroethane

Concen: 20.443 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012906.D

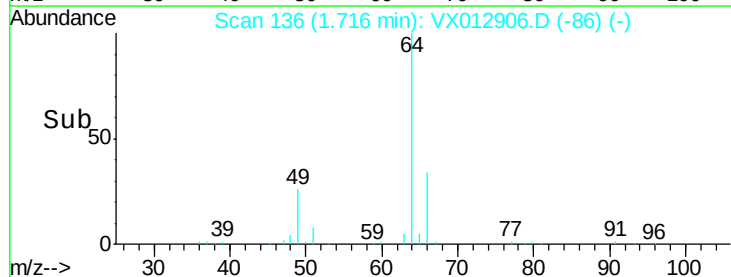
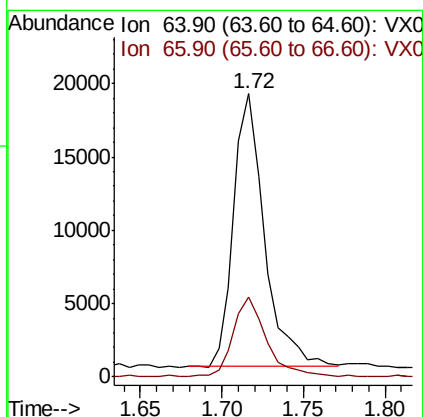
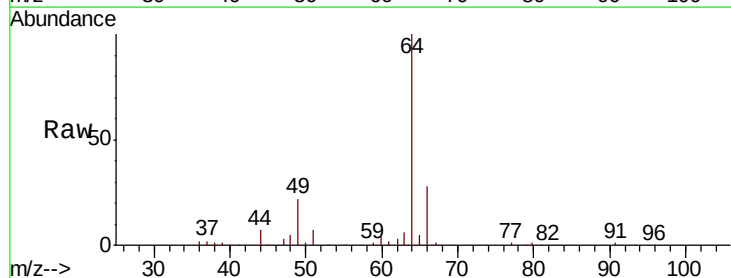
Acq: 08 Oct 2019 22:29

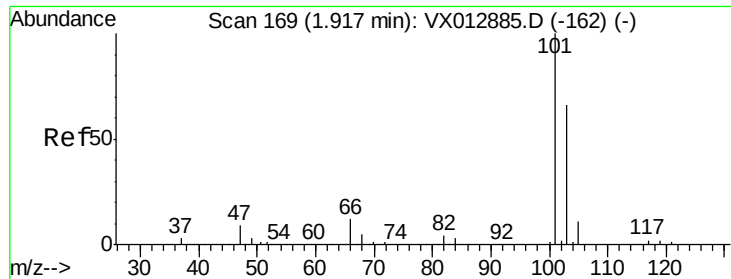
Tgt Ion: 64 Resp: 24560

Ion Ratio Lower Upper

64 100

66 29.1 25.6 38.4





#7

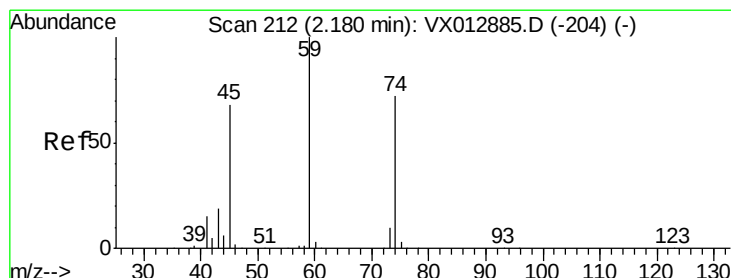
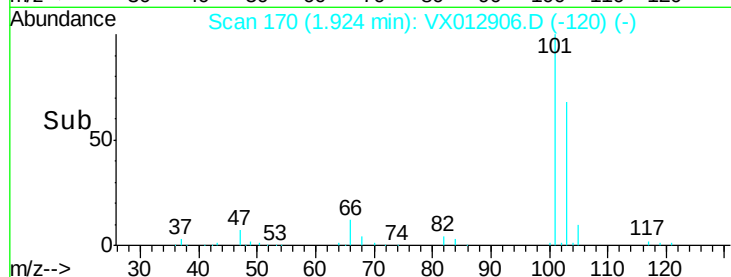
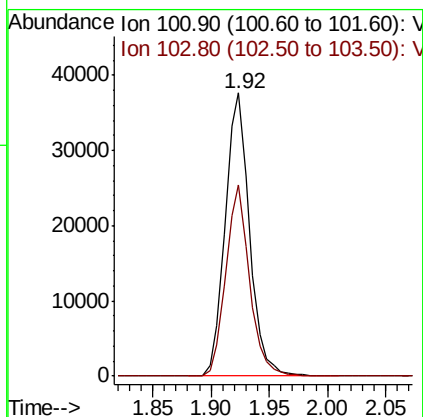
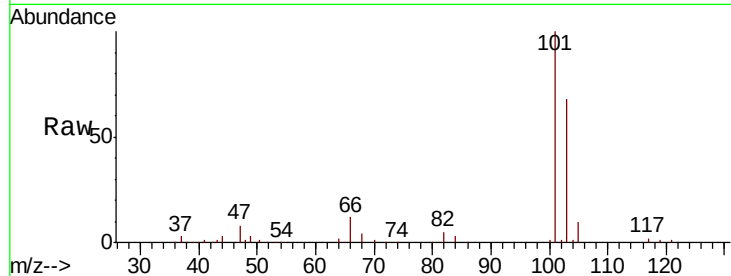
Trichlorofluoromethane
 Concen: 20.294 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX012906.D
 Acq: 08 Oct 2019 22:29

Instrument :
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 ClientSampleId :
 VX1008WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.7	52.5	78.7

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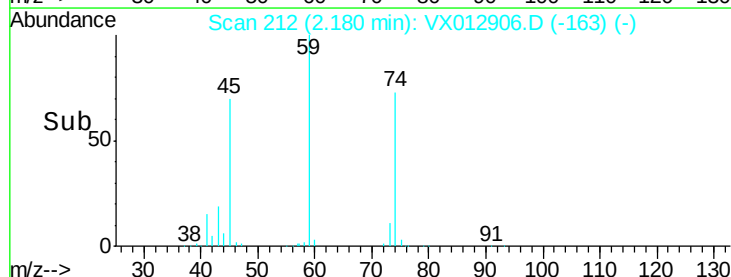
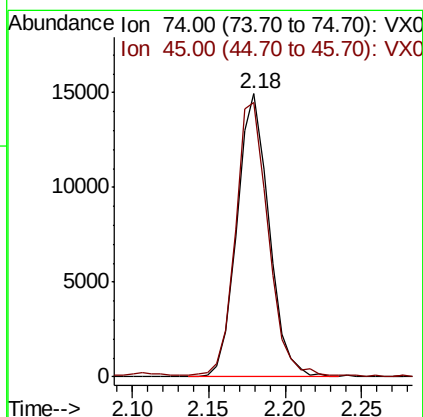
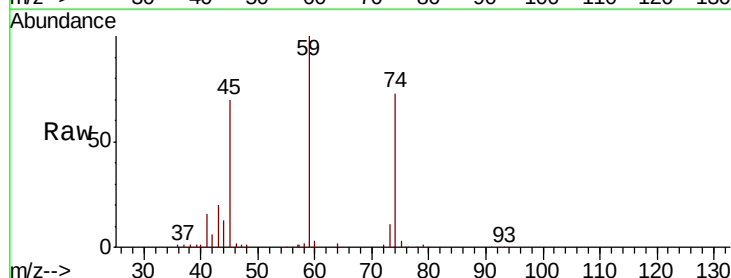
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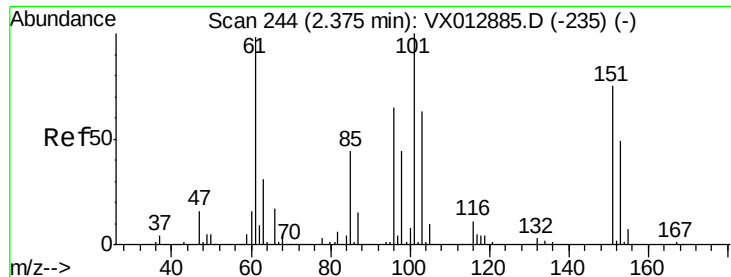


#8

Diethyl Ether
 Concen: 20.032 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX012906.D
 Acq: 08 Oct 2019 22:29

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.7	47.8	143.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.650 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX012906.D

Acq: 08 Oct 2019 22:29

Instrument :

MSVOA_X

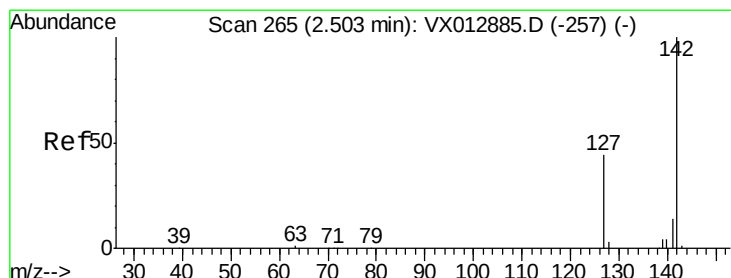
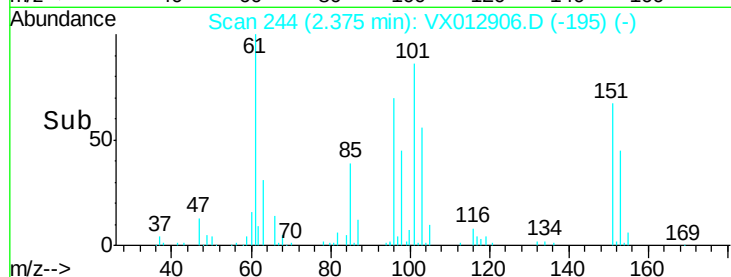
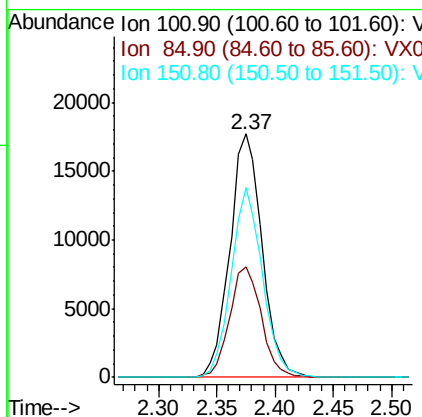
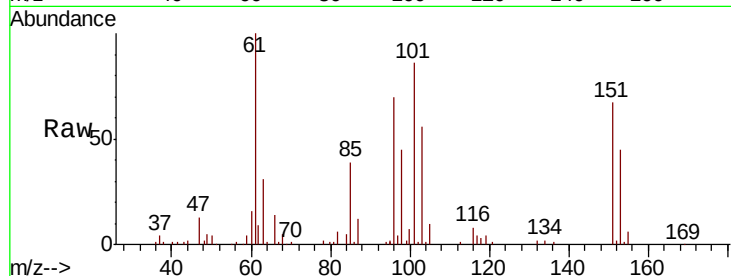
ClientSampleId :

VX1008WBS02

Tot Ion:	101	Resp:	34125
Ion Ratio	Lower	Upper	
101	100		
85	44.7	35.2	52.8
151	75.8	60.3	90.5

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#10

Methyl Iodide

Concen: 18.035 ug/l

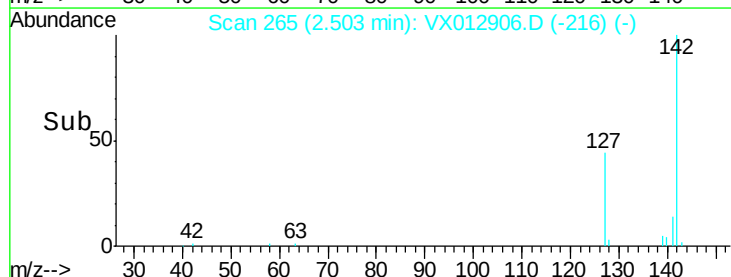
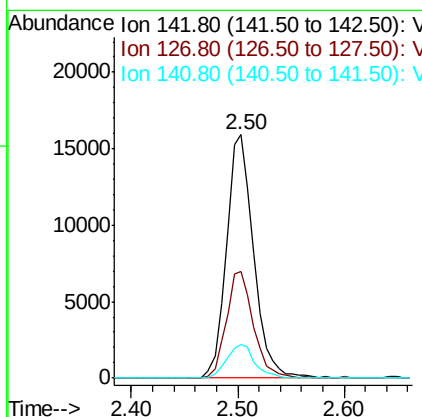
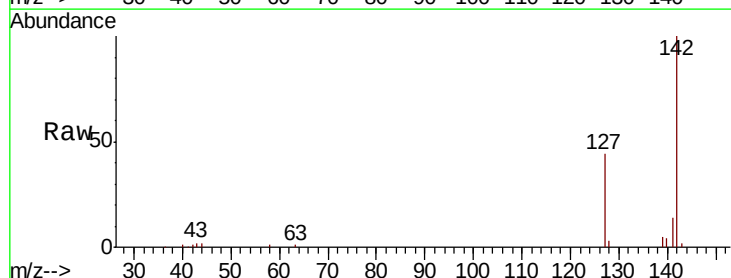
RT: 2.50 min Scan# 265

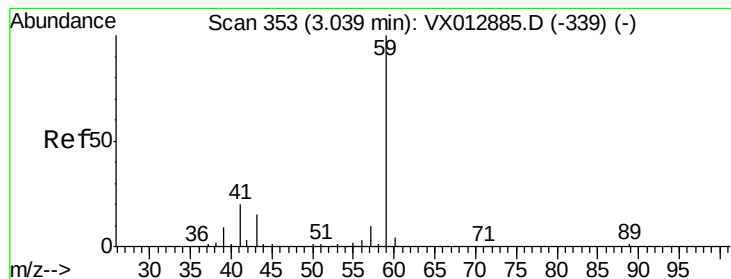
Delta R.T. 0.00 min

Lab File: VX012906.D

Acq: 08 Oct 2019 22:29

Tgt Ion:	142	Resp:	28369
Ion Ratio	Lower	Upper	
142	100		
127	43.8	34.9	52.3
141	14.2	11.6	17.4





#11

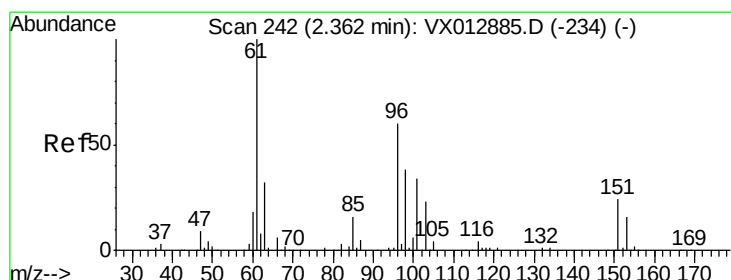
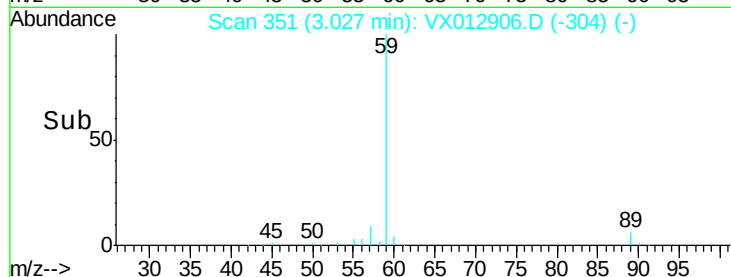
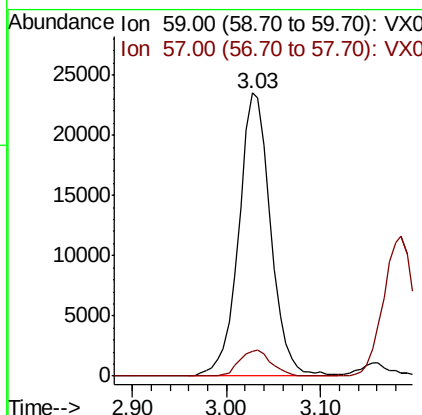
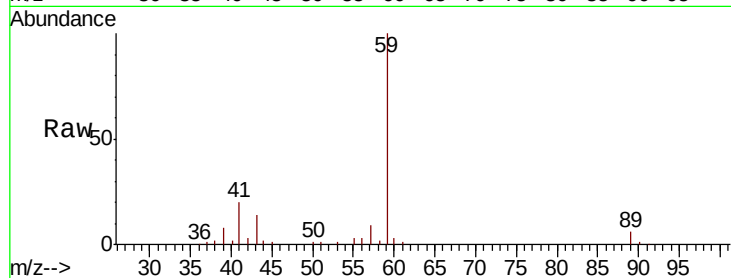
Tert butyl alcohol
 Concen: 97.066 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.01 min
 Lab File: VX012906.D
 Acq: 08 Oct 2019 22:29

Instrument :
 MSVOA_X
 ClientSampled :
 VX1008WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.0	8.3	12.5

Manual Integrations
 APPROVED

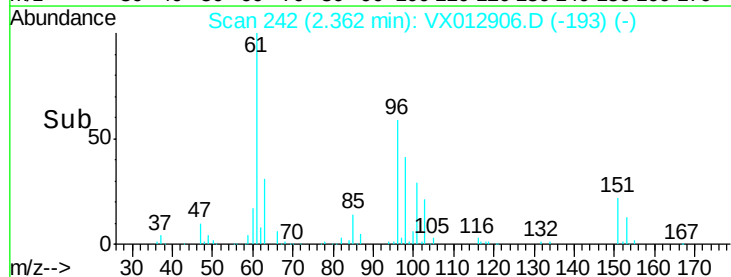
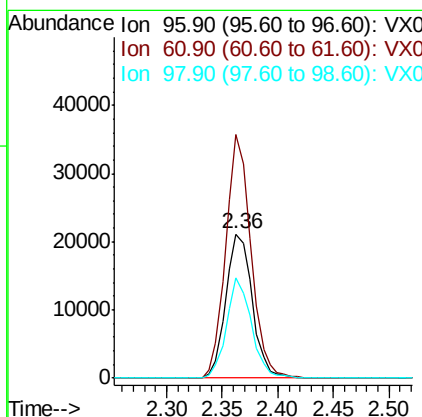
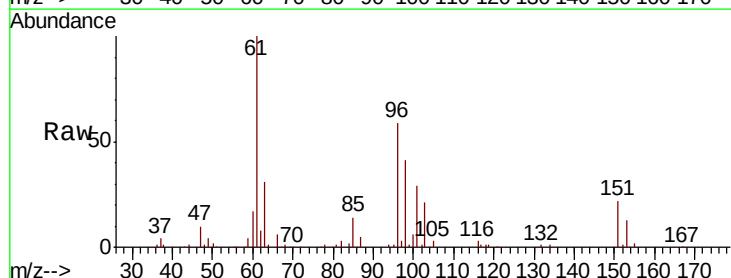
MMDadoda
 10/9/2019 10:39:10 AM

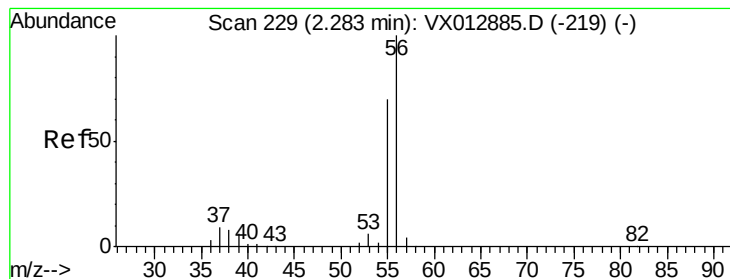


#12

1,1-Dichloroethene
 Concen: 19.764 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX012906.D
 Acq: 08 Oct 2019 22:29

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.2	132.2	198.4
98	69.6	50.5	75.7





#13

Acrolein

Concen: 89.292 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012906.D

Acq: 08 Oct 2019 22:29

Instrument :

MSVOA_X

ClientSampleId :

VX1008WBS02

Tot Ion: 56 Resp: 36506

Ion Ratio Lower Upper

56 100

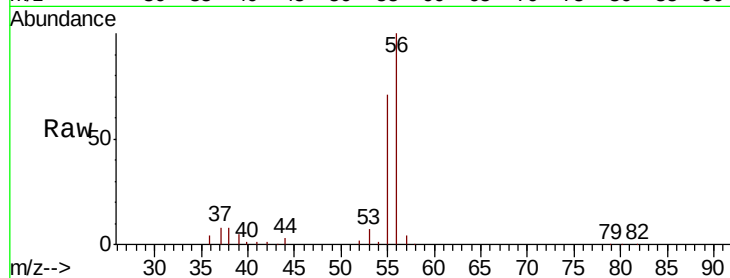
55 71.7 56.6 85.0

Manual Integrations

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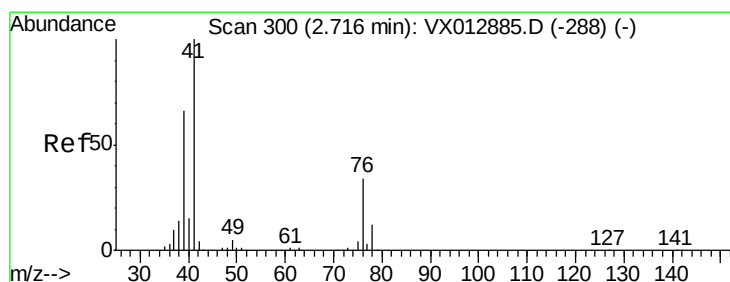
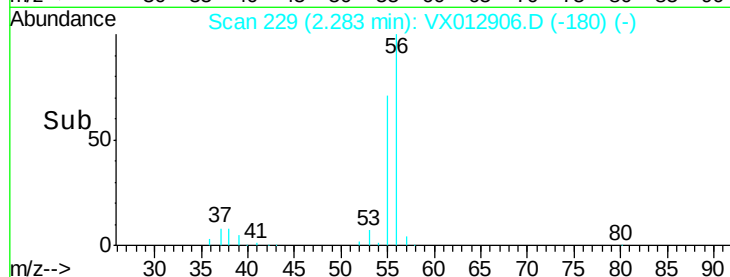
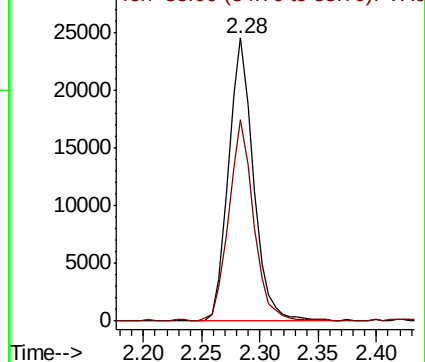
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.651 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012906.D

Acq: 08 Oct 2019 22:29

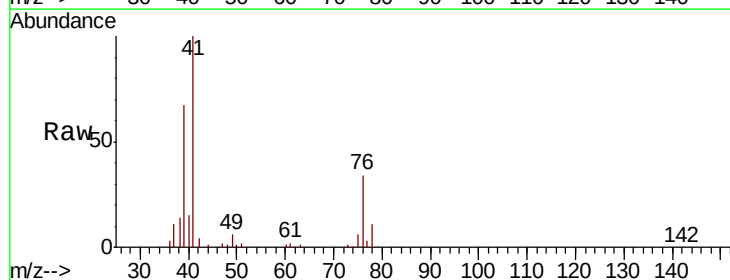
Tgt Ion: 41 Resp: 61406

Ion Ratio Lower Upper

41 100

39 63.3 51.0 76.6

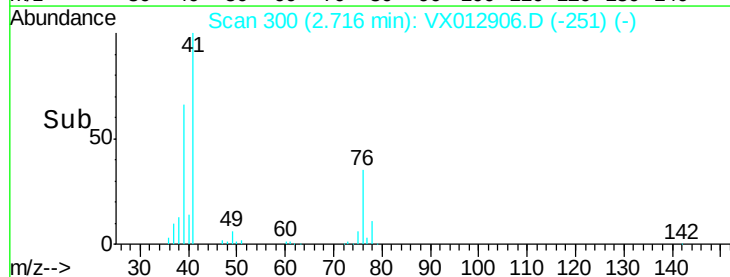
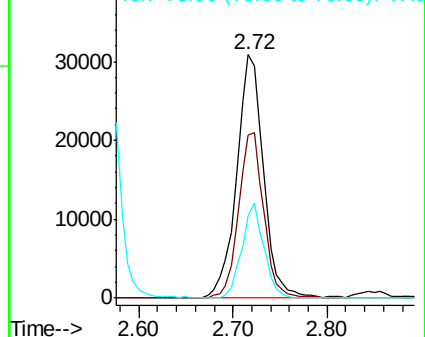
76 32.2 26.2 39.4

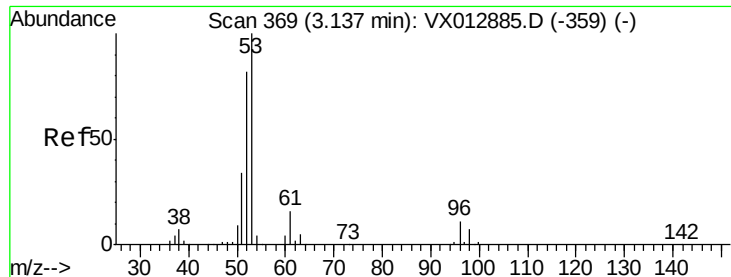


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 101.853 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX012906.D

Acq: 08 Oct 2019 22:29

Instrument :

MSVOA_X

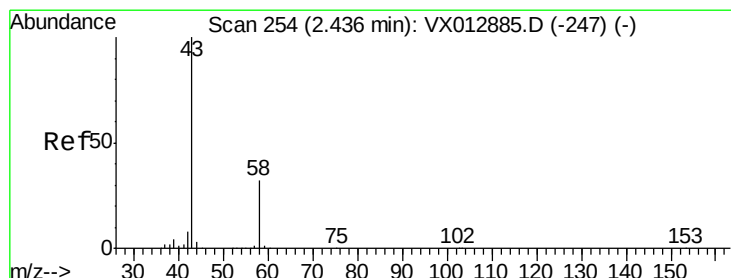
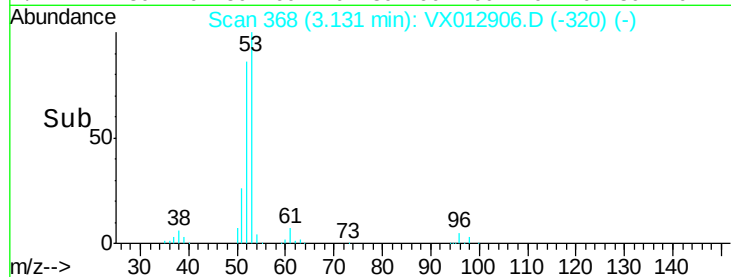
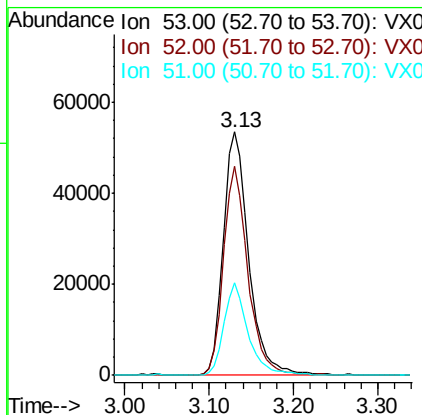
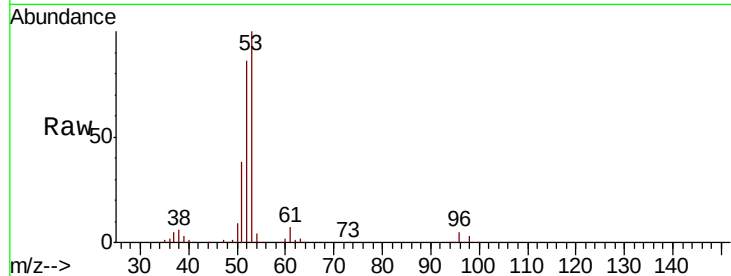
ClientSampleId :

VX1008WBS02

Tot Ion:	53	Resp:	111043
Ion Ratio	Lower	Upper	
53	100		
52	82.3	66.2	99.2
51	36.3	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 84.704 ug/l

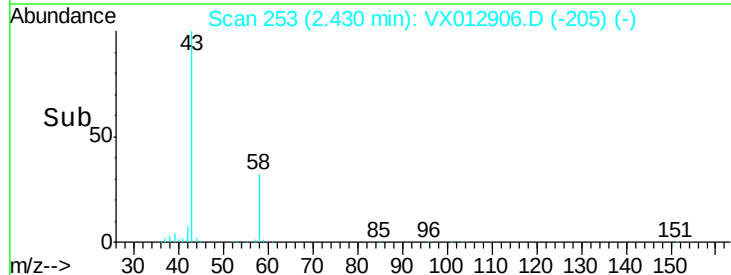
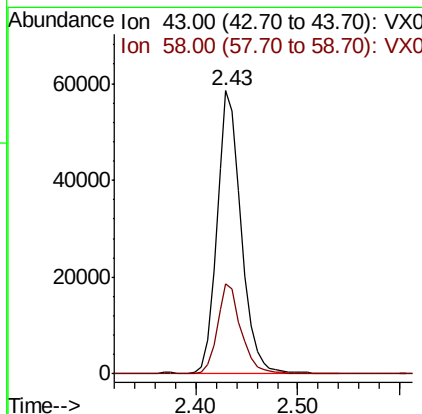
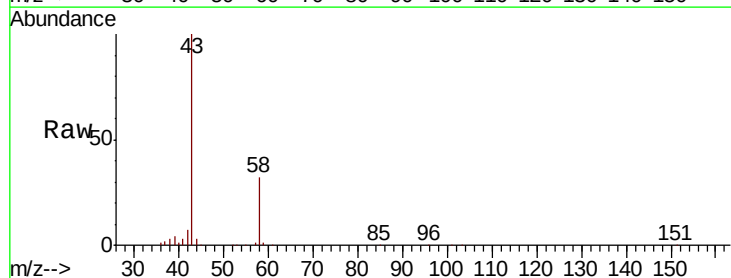
RT: 2.43 min Scan# 253

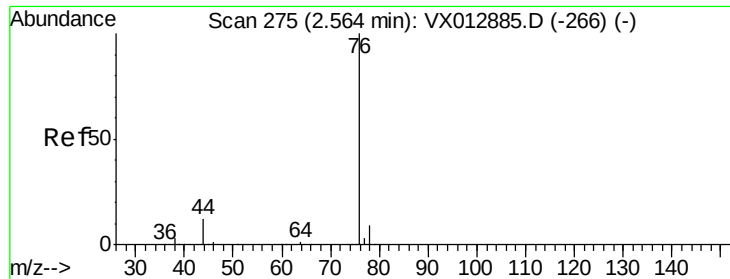
Delta R.T. -0.01 min

Lab File: VX012906.D

Acq: 08 Oct 2019 22:29

Tgt Ion:	43	Resp:	96893
Ion Ratio	Lower	Upper	
43	100		
58	31.6	25.4	38.2





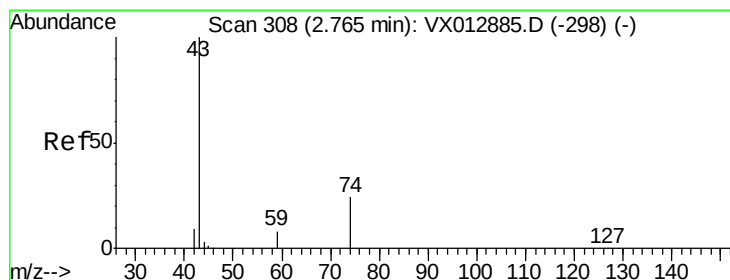
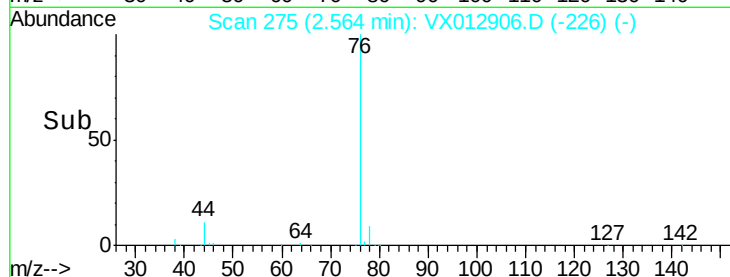
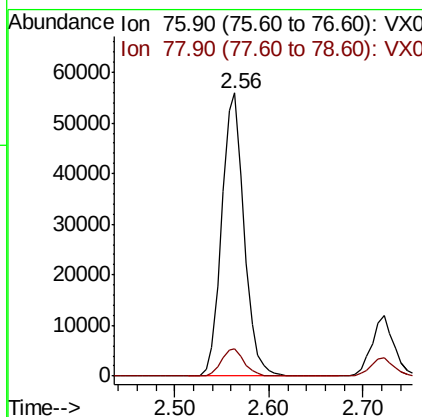
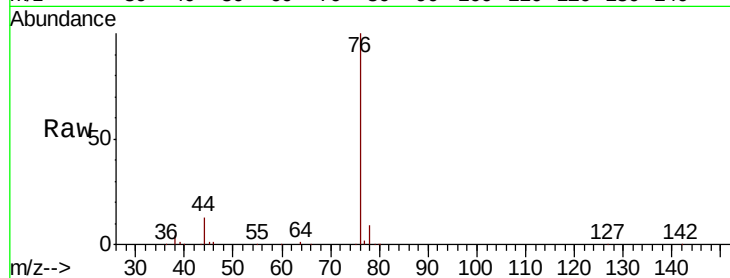
#17
Carbon Disulfide
Concen: 18.403 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX012906.D
Acq: 08 Oct 2019 22:29

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.1	10.7

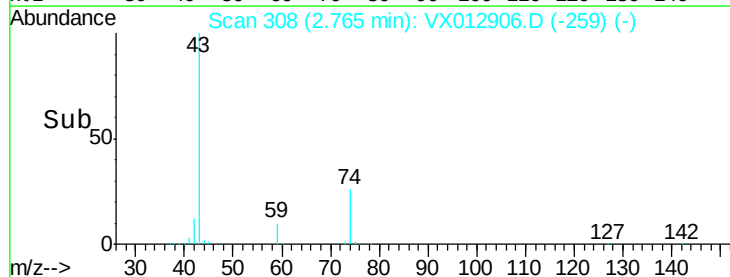
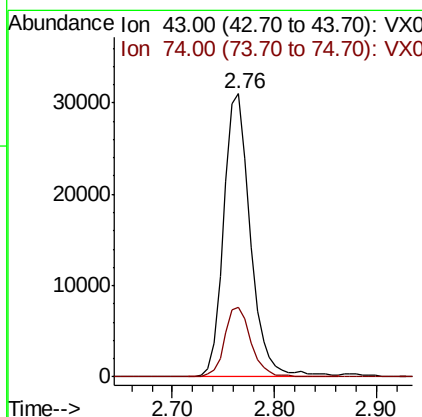
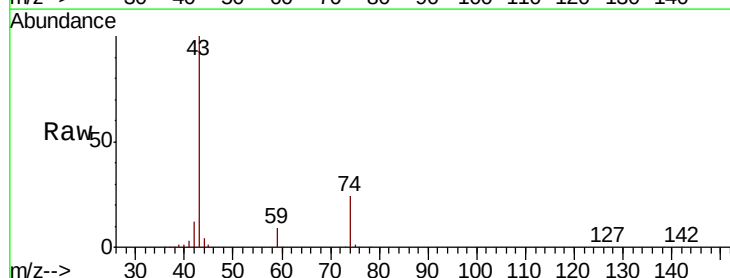
Manual Integrations
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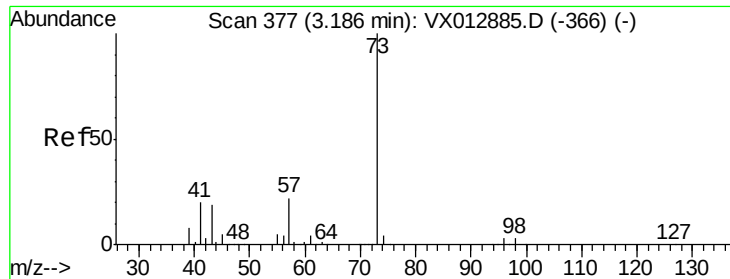
MMDadoda
10/9/2019 10:39:10 AM



#18
Methyl Acetate
Concen: 20.850 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX012906.D
Acq: 08 Oct 2019 22:29

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	19.2	28.8





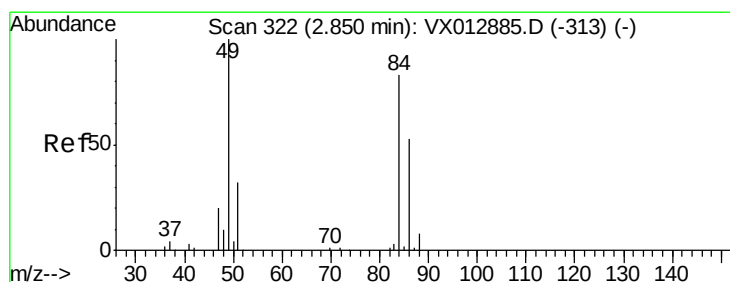
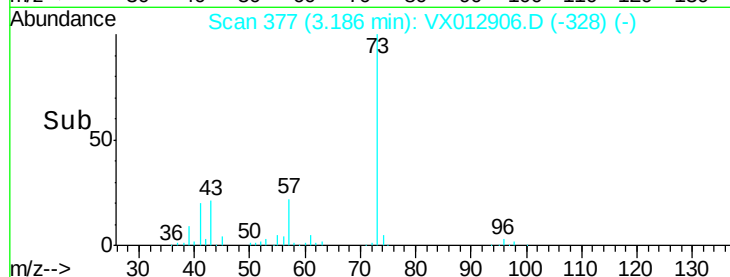
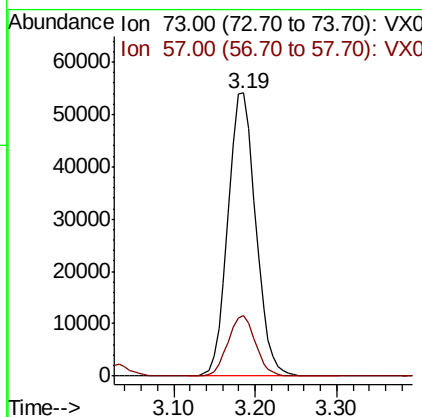
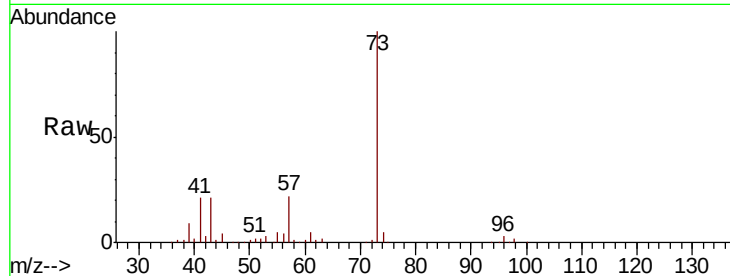
#19
Methyl tert-butyl Ether
Concen: 20.954 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012906.D
Acq: 08 Oct 2019 22:29

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	17.8	26.6

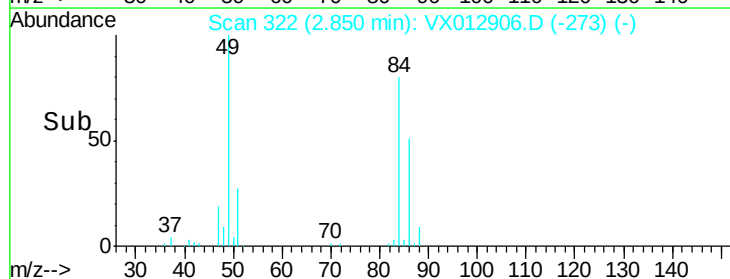
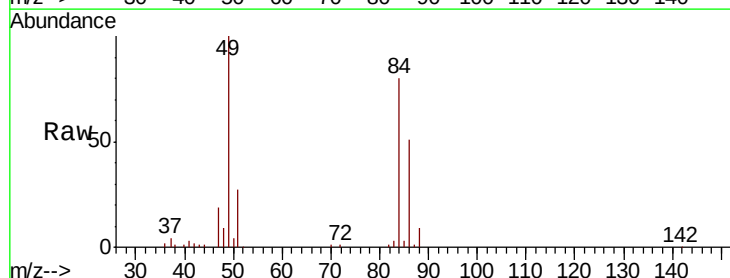
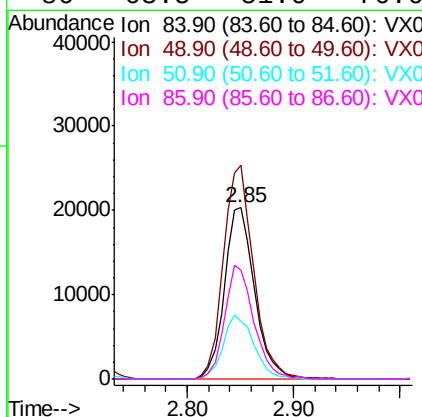
Manual Integrations
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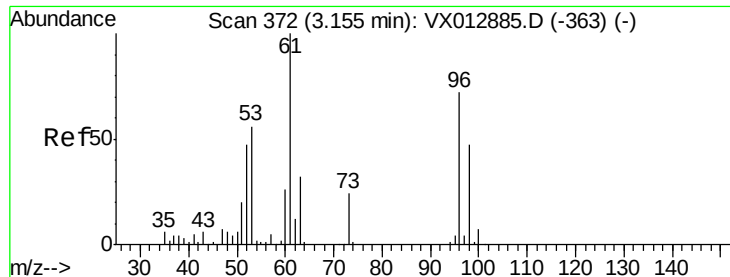
MMDadoda
10/9/2019 10:39:10 AM



#20
Methylene Chloride
Concen: 19.166 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX012906.D
Acq: 08 Oct 2019 22:29

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.7	96.6	144.8
51	33.7	30.7	46.1
86	63.5	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 20.460 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX012906.D

Acq: 08 Oct 2019 22:29

Instrument :

MSVOA_X

ClientSampleId :

VX1008WBS02

Tot Ion: 96 Resp: 38479

Ion Ratio Lower Upper

96 100

61 136.6 110.4 165.6

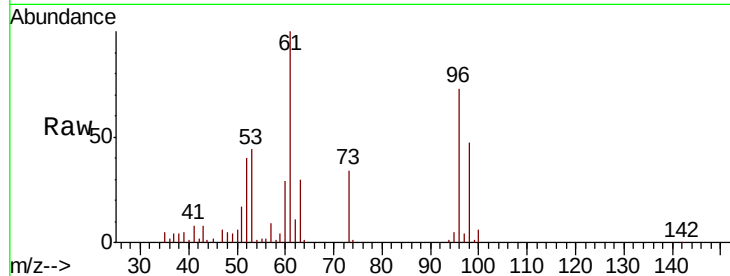
98 64.5 51.5 77.3

Manual Integrations

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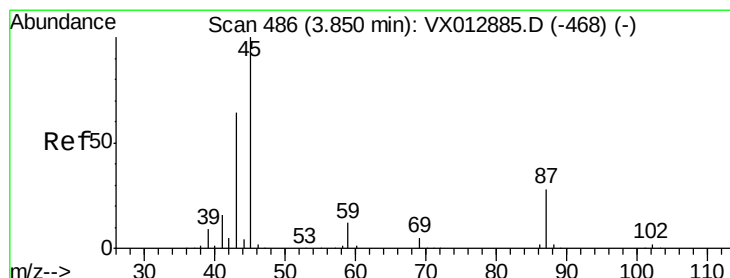
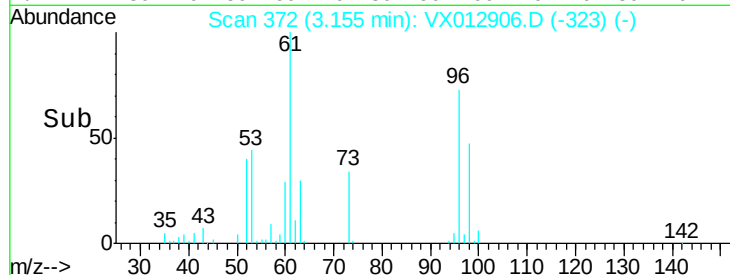
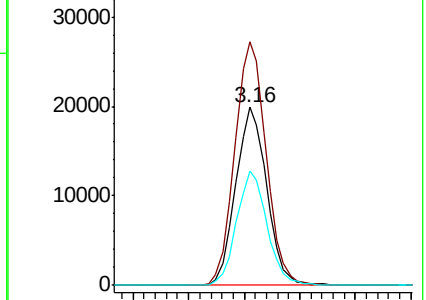
10/9/2019 10:39:10 AM



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 21.104 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX012906.D

Acq: 08 Oct 2019 22:29

Tgt Ion: 45 Resp: 126365

Ion Ratio Lower Upper

45 100

43 74.7 51.4 77.0

87 29.4 22.5 33.7

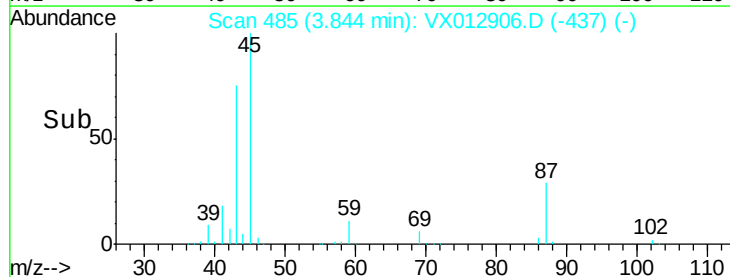
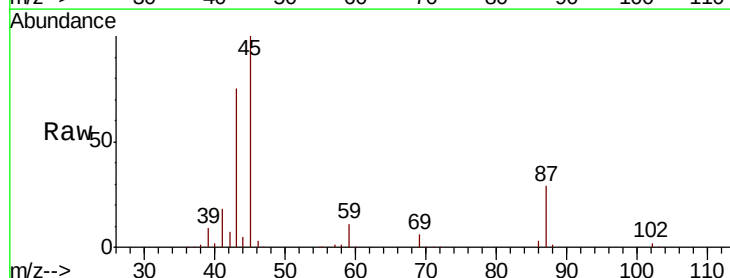
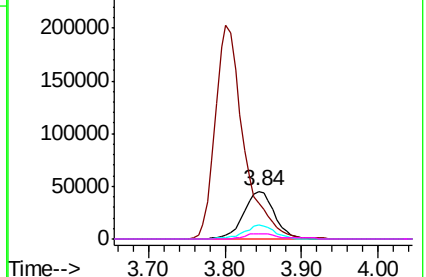
59 11.3 9.7 14.5

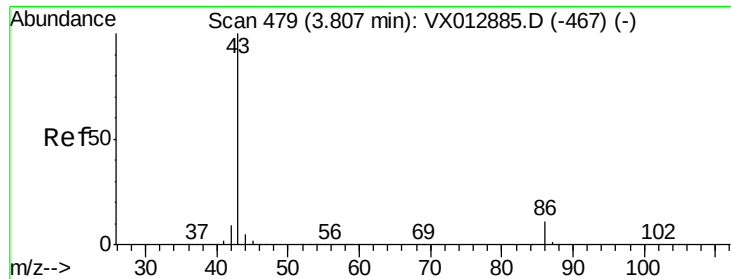
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 101.299 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX012906.D

Acq: 08 Oct 2019 22:29

Instrument :

MSVOA_X

ClientSampleId :

VX1008WBS02

Tot Ion: 43 Resp: 523615

Ion Ratio Lower Upper

43 100

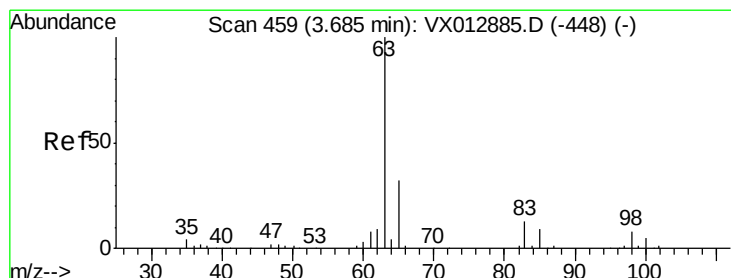
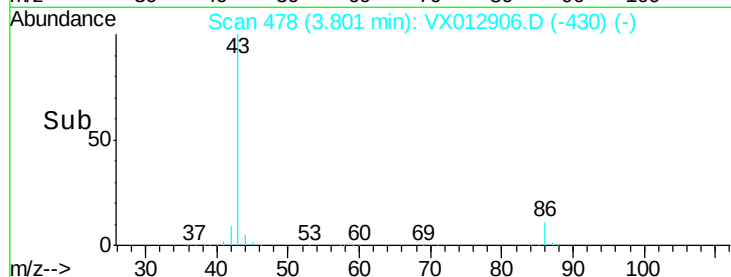
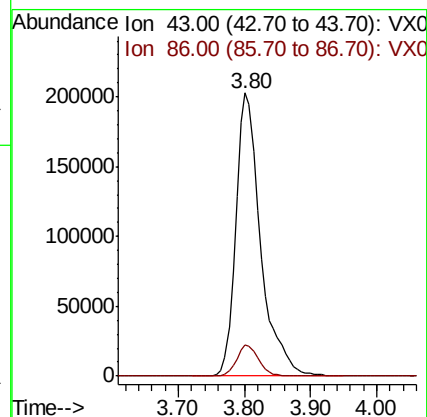
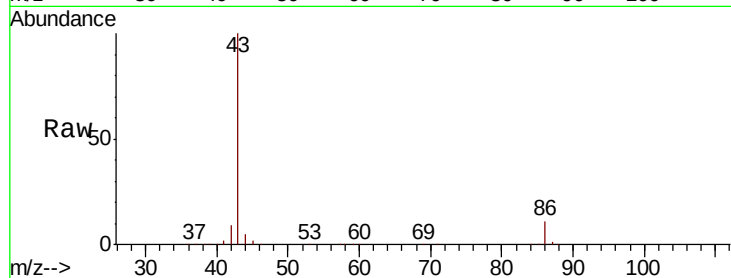
86 10.9 9.0 13.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.598 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012906.D

Acq: 08 Oct 2019 22:29

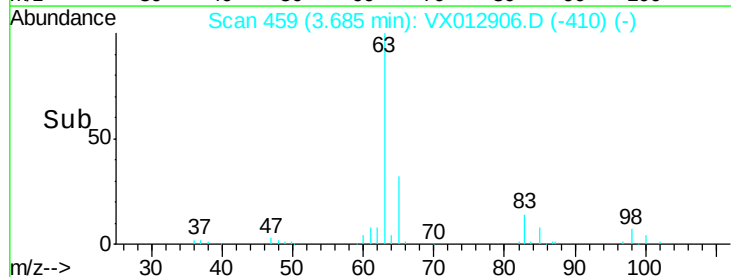
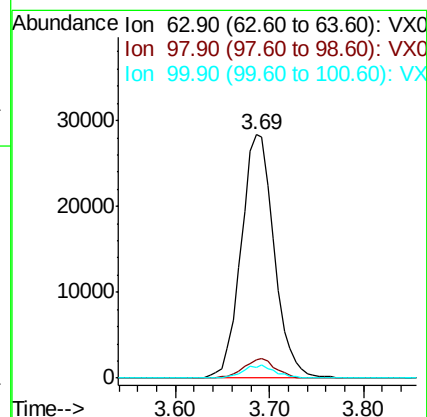
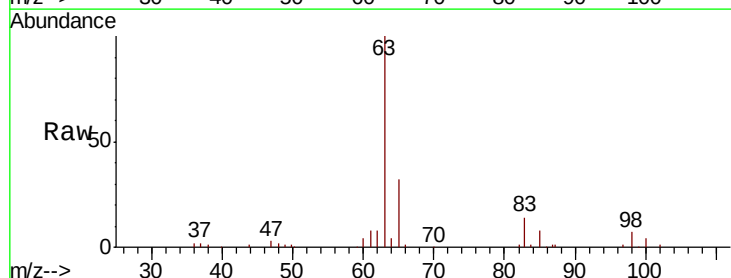
Tgt Ion: 63 Resp: 69386

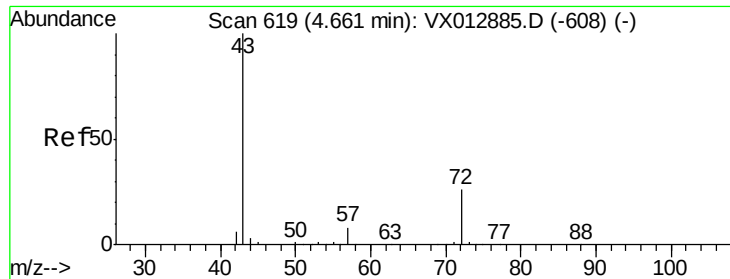
Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.5

100 4.1 2.3 6.9





#25

2-Butanone

Concen: 98.016 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012906.D

Acq: 08 Oct 2019 22:29

Instrument :

MSVOA_X

ClientSampleId :

VX1008WBS02

Tot Ion: 43 Resp: 15552

Ion Ratio Lower Upper

43 100

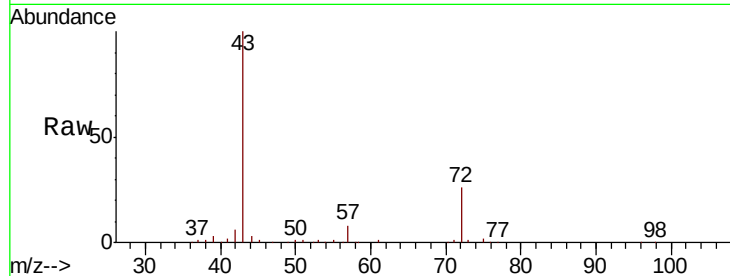
72 25.3 21.0 31.6

Manual Integrations

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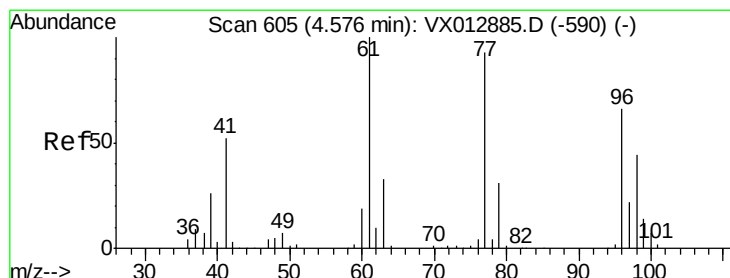
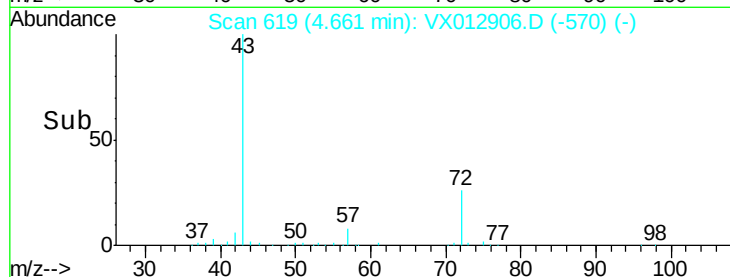
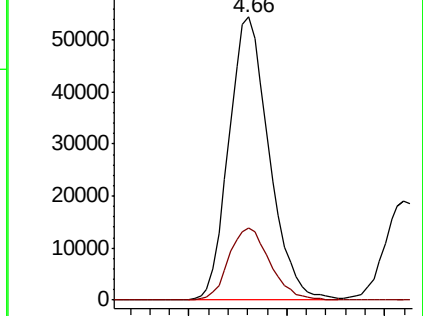
MMDadoda

10/9/2019 10:39:10 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 17.062 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX012906.D

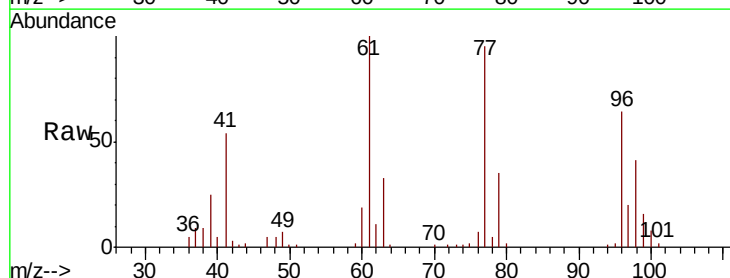
Acq: 08 Oct 2019 22:29

Tgt Ion: 77 Resp: 48331

Ion Ratio Lower Upper

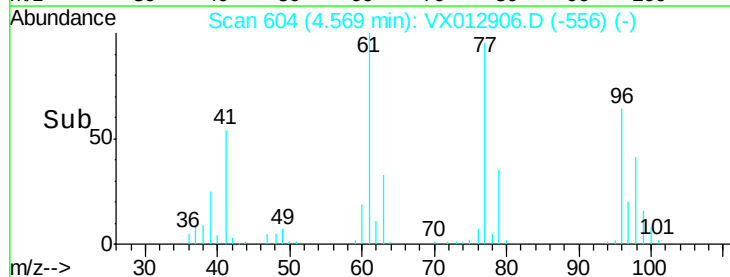
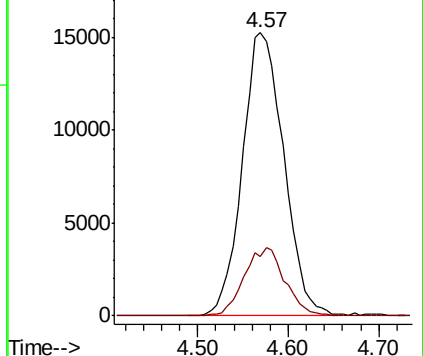
77 100

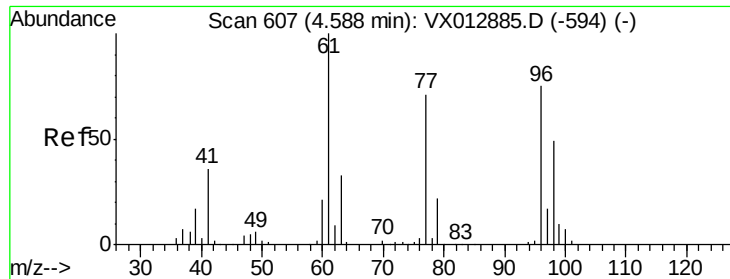
97 23.7 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

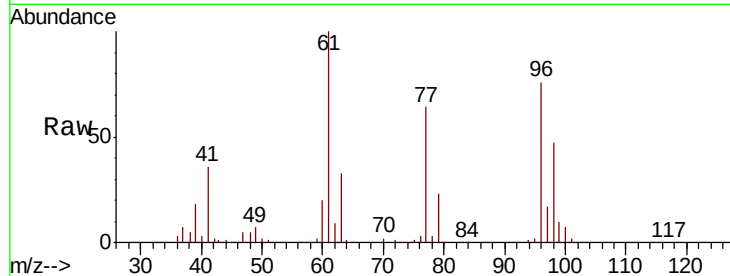
cis-1,2-Dichloroethene
Concen: 20.118 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX012906.D
Acq: 08 Oct 2019 22:29

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.3	0.0	290.6
98	64.1	0.0	128.8

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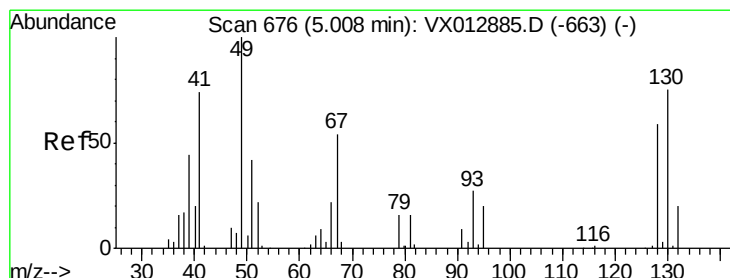
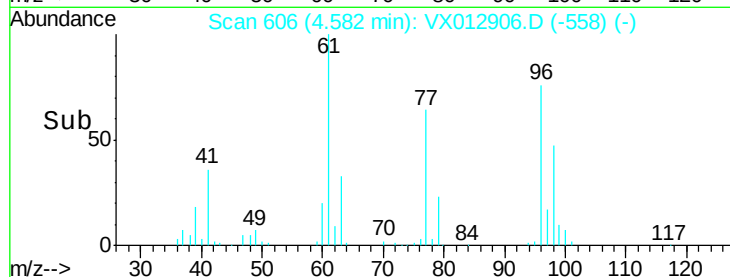
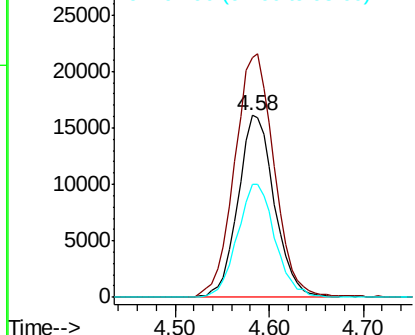


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

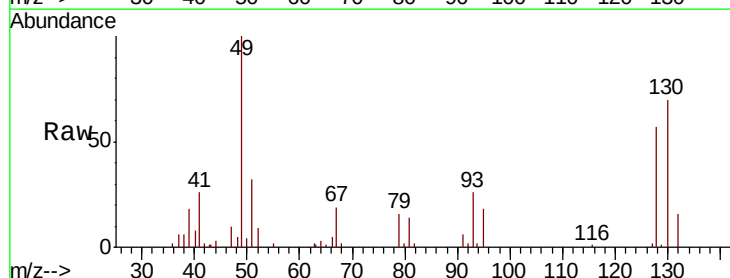
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 22.875 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX012906.D
Acq: 08 Oct 2019 22:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	4.2
130	78.3	62.1	93.1

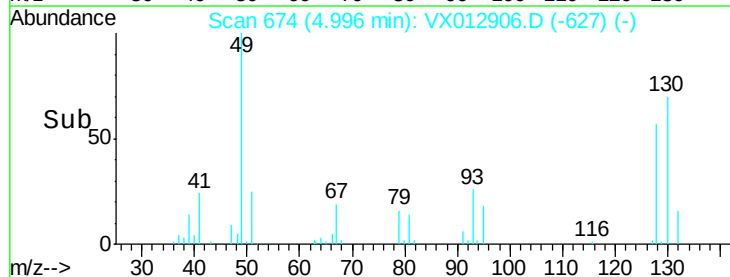
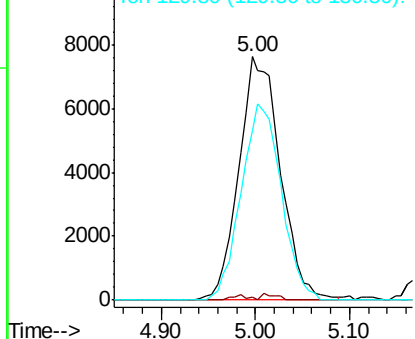


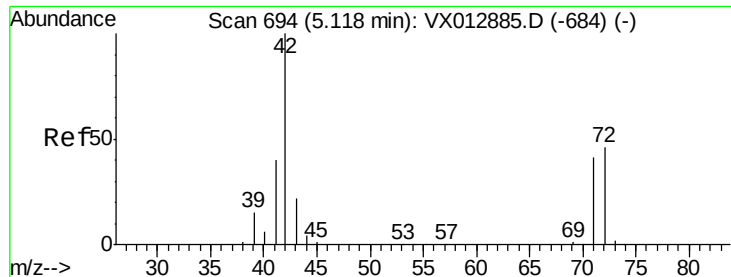
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 102.193 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.00 min

Lab File: VX012906.D

Acq: 08 Oct 2019 22:29

Instrument :

MSVOA_X

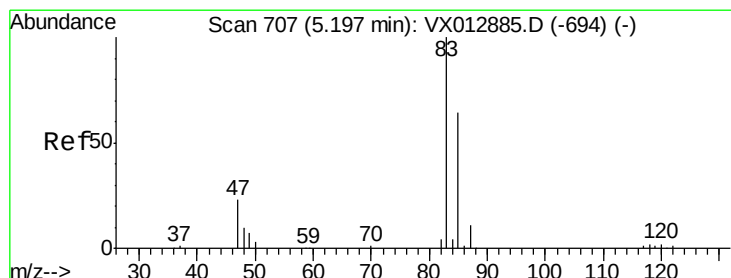
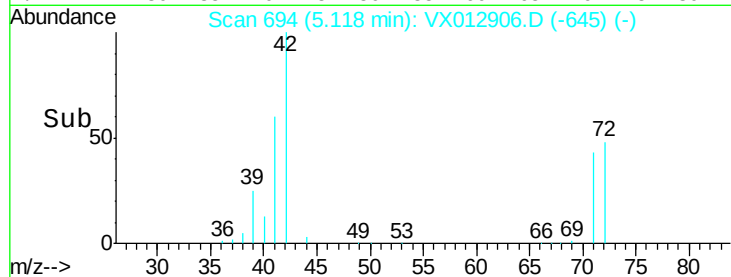
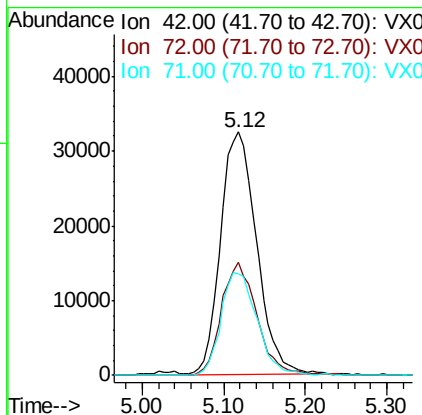
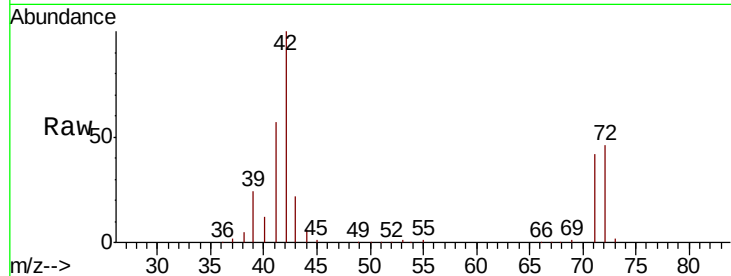
ClientSampleId :

VX1008WBS02

Tot Ion:	42	Resp:	99801
Ion	Ratio	Lower	Upper
42	100		
72	46.0	36.9	55.3
71	42.4	33.5	50.3

Manual Integrations
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#30

Chloroform

Concen: 20.179 ug/l

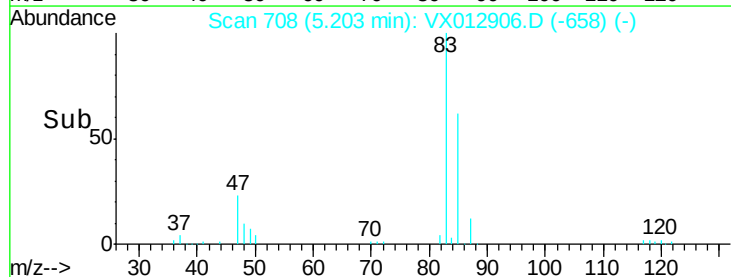
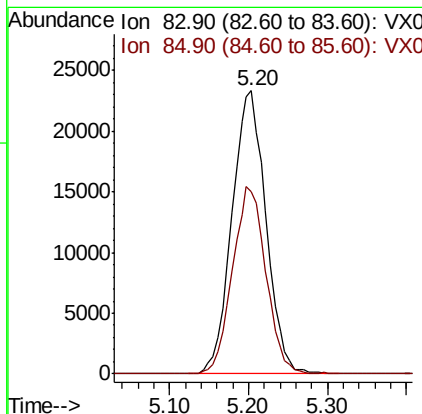
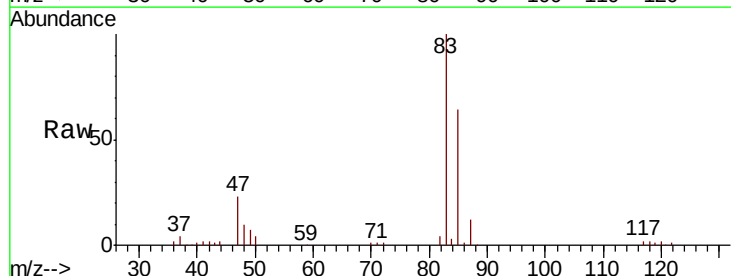
RT: 5.20 min Scan# 708

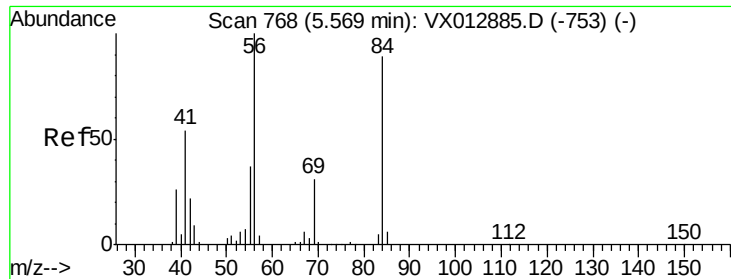
Delta R.T. 0.01 min

Lab File: VX012906.D

Acq: 08 Oct 2019 22:29

Tgt Ion:	83	Resp:	69747
Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.5	77.3





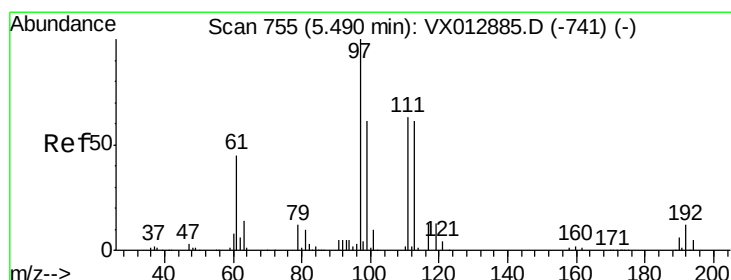
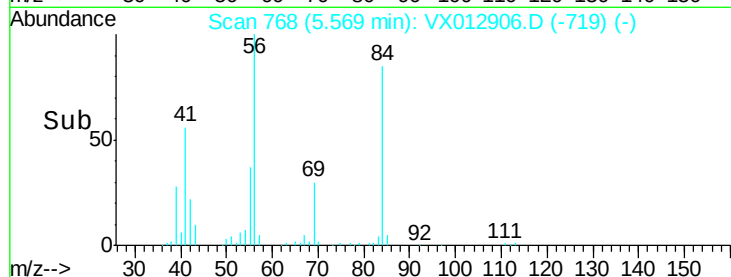
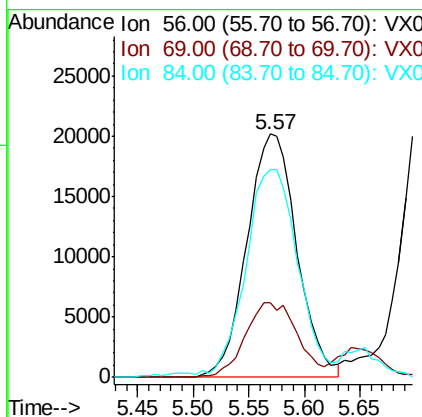
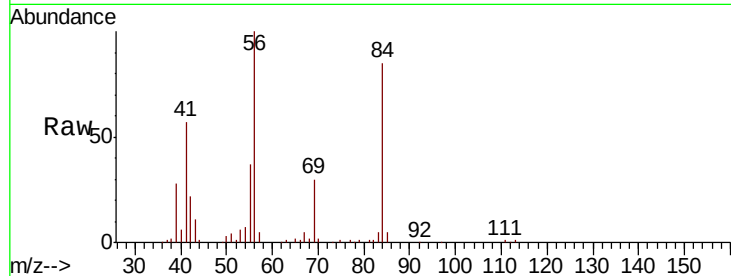
#31
Cyclohexane
Concen: 19.967 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012906.D
Acq: 08 Oct 2019 22:29

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.4	25.2	37.8
84	83.9	71.3	106.9

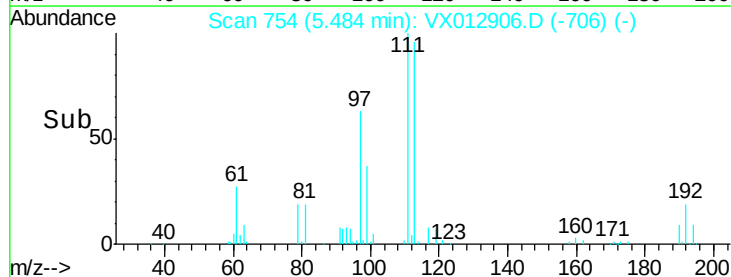
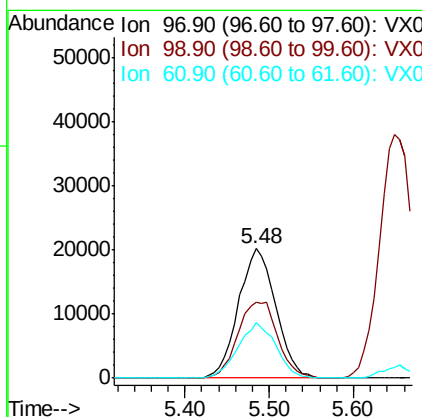
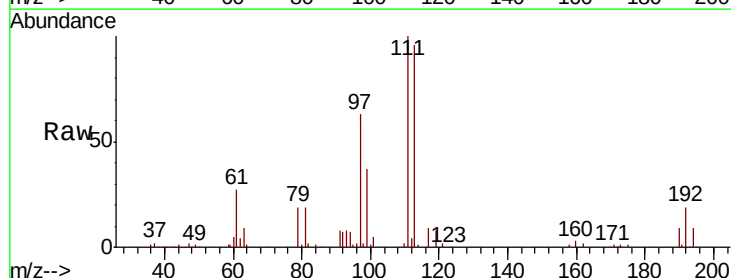
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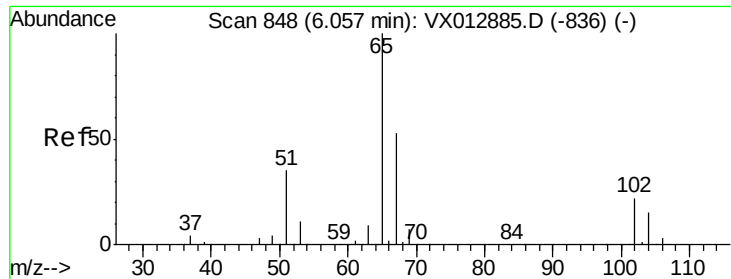
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#32
1,1,1-Trichloroethane
Concen: 20.744 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX012906.D
Acq: 08 Oct 2019 22:29

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.7	52.3	78.5
61	43.4	35.0	52.4





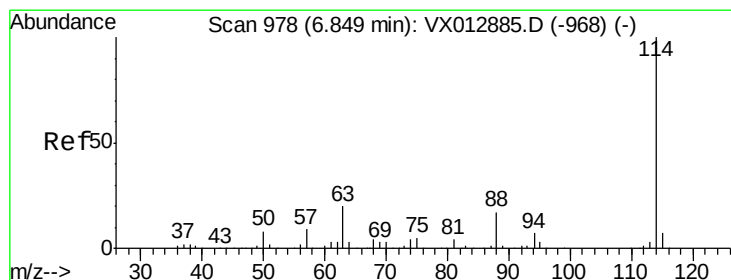
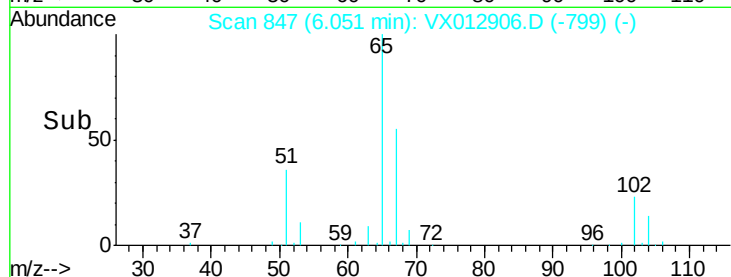
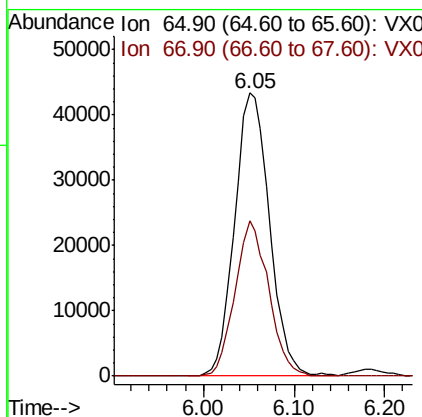
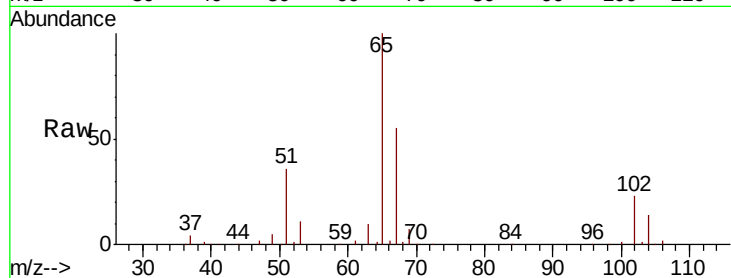
#33
 1,2-Dichloroethane-d4
 Concen: 53.309 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX012906.D
 Acq: 08 Oct 2019 22:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1008WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	115691		
67	52.9	0.0	104.4	

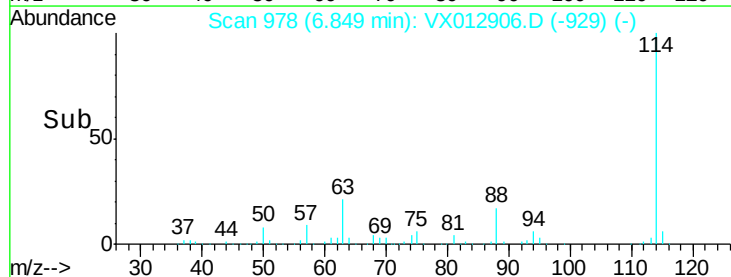
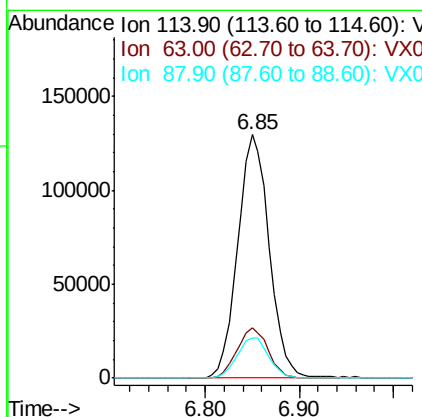
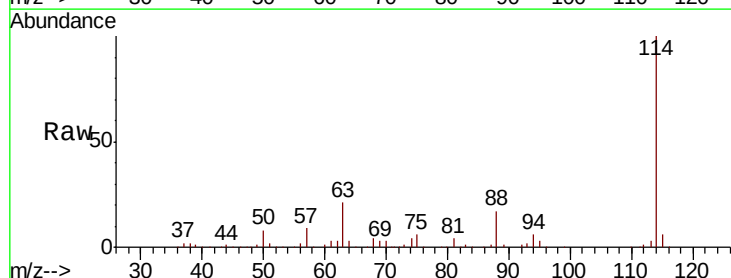
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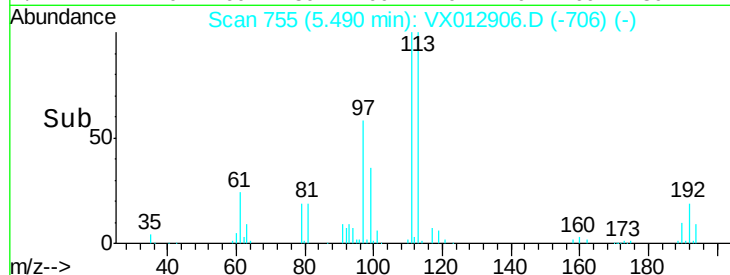
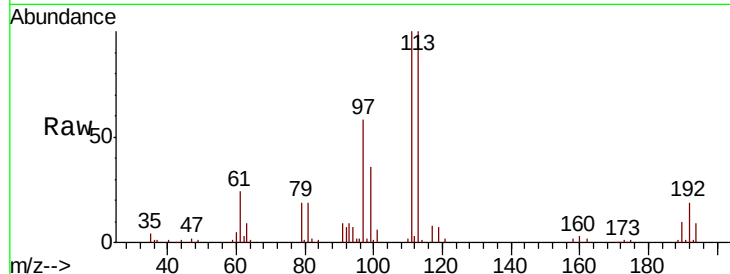
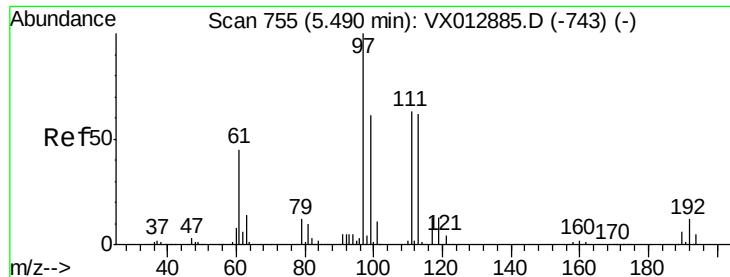
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012906.D
 Acq: 08 Oct 2019 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	302277		
63	20.8	0.0	40.8	
88	16.7	0.0	33.8	





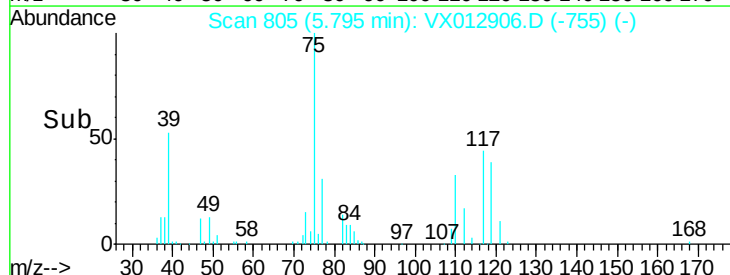
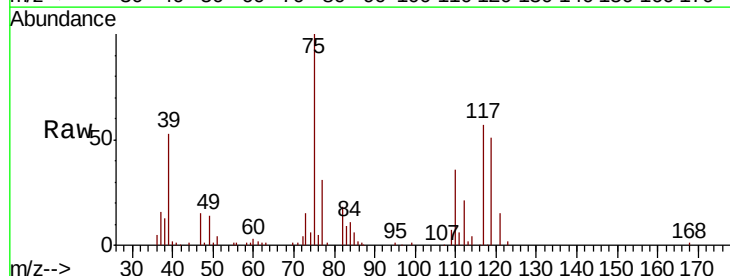
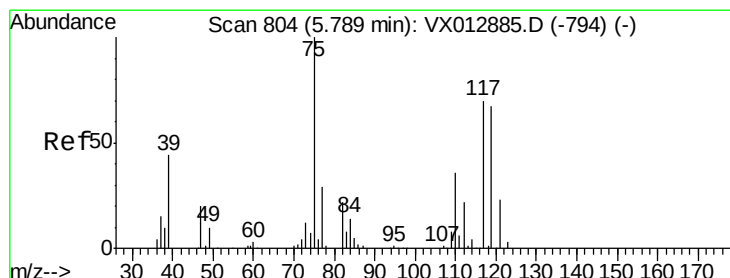
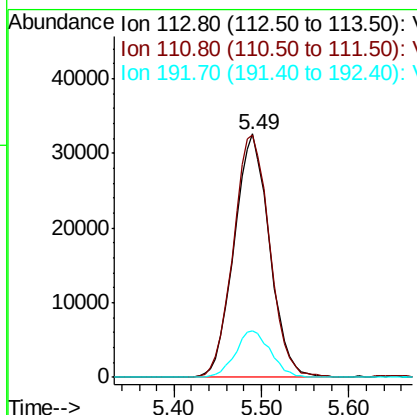
#35
Dibromofluoromethane
Concen: 52.819 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012906.D
Acq: 08 Oct 2019 22:29

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.2	124.8
192	19.0	15.4	23.2

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS02

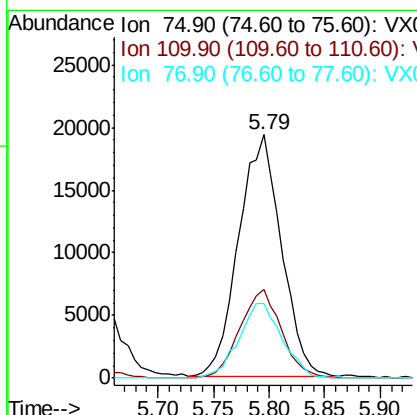
Manual Integrations
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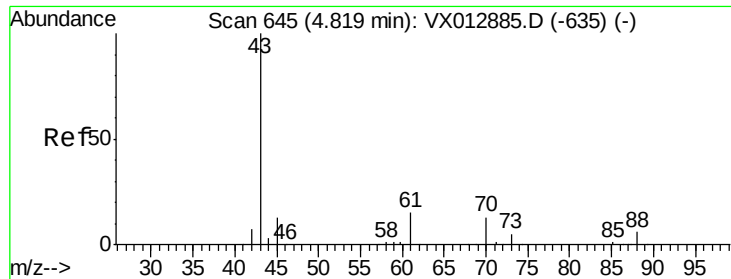
MMDadoda
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#36
1,1-Dichloropropene
Concen: 19.487 ug/l
RT: 5.79 min Scan# 805
Delta R.T. 0.01 min
Lab File: VX012906.D
Acq: 08 Oct 2019 22:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.5	17.6	52.9
77	31.4	24.4	36.6





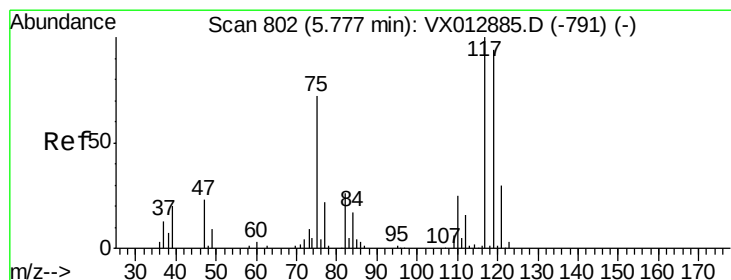
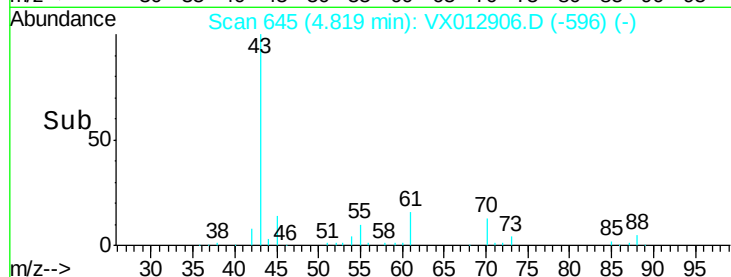
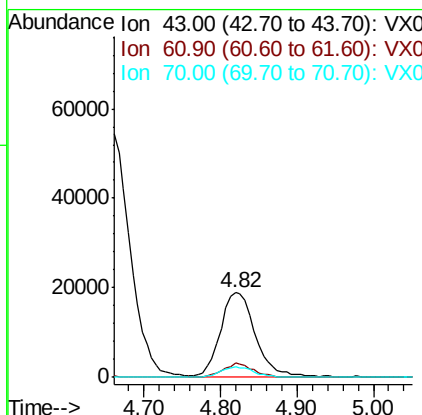
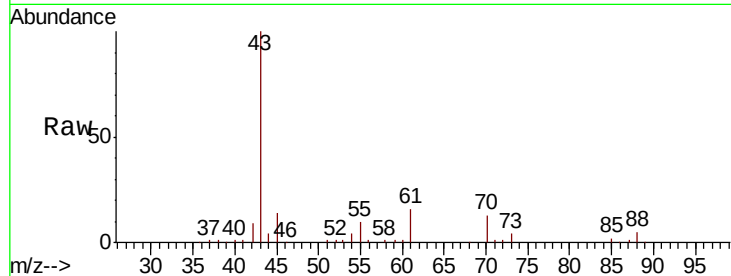
#37
Ethyl Acetate
Concen: 19.912 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012906.D
Acq: 08 Oct 2019 22:29

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.4	17.0
70	11.8	9.8	14.6

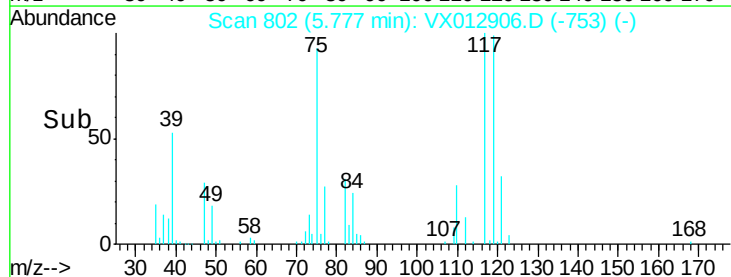
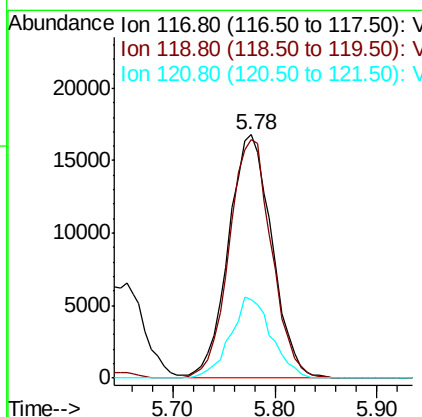
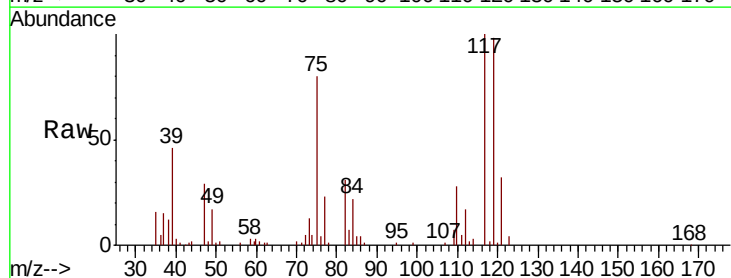
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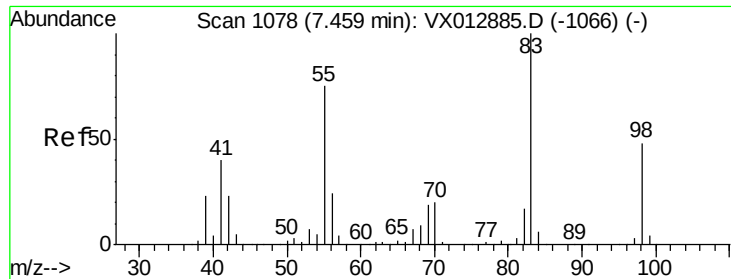
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#38
Carbon Tetrachloride
Concen: 19.164 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012906.D
Acq: 08 Oct 2019 22:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	74.5	111.7
121	32.3	24.2	36.4





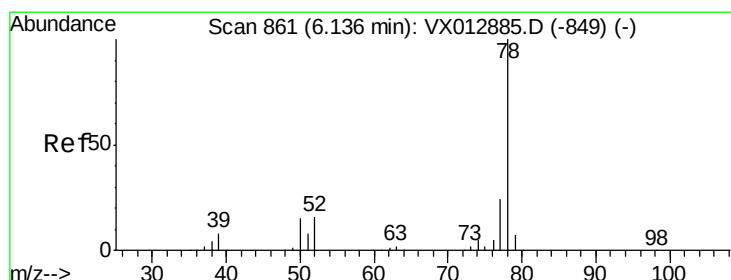
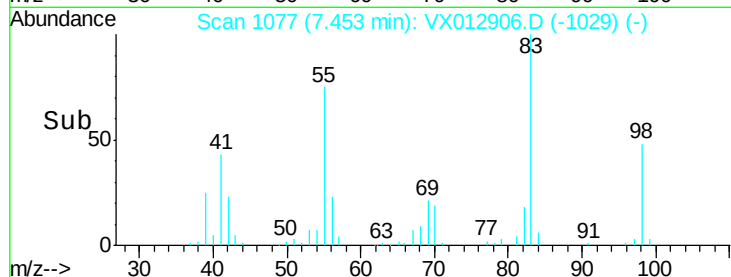
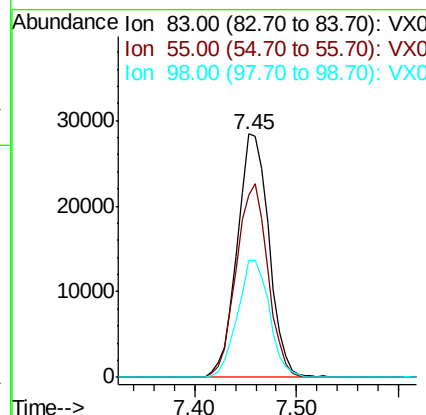
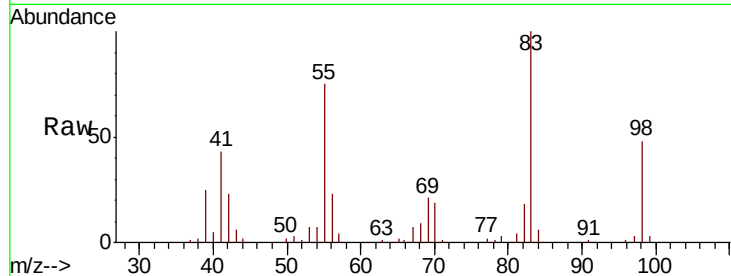
#39
Methylvlcyclohexane
Concen: 19.083 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012906.D
Acq: 08 Oct 2019 22:29

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS02

Tot Ion	83	Resp	61503
Ion Ratio	Lower	Upper	
83	100		
55	74.8	60.2	90.4
98	48.2	38.5	57.7

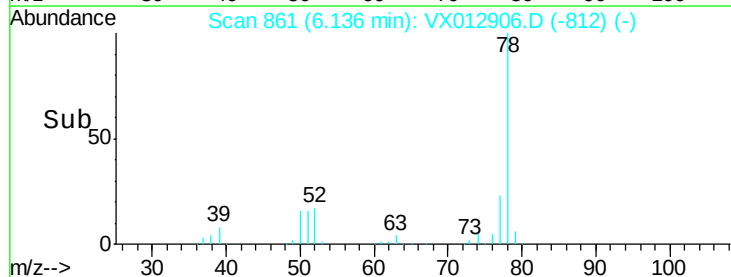
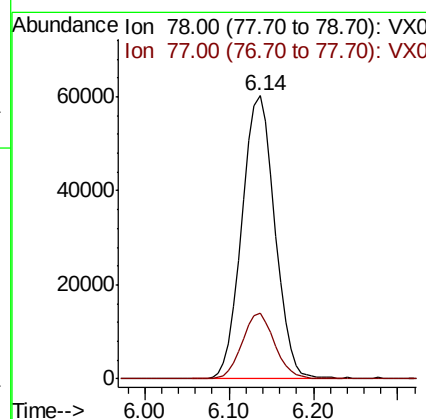
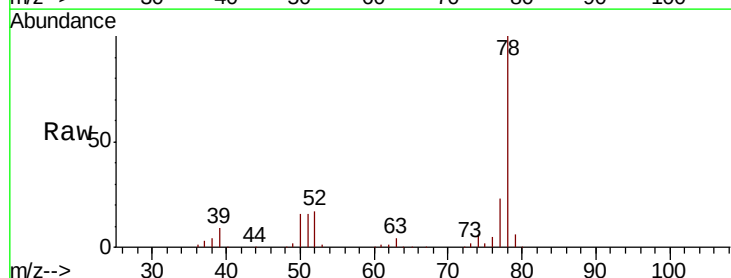
Manual Integrations
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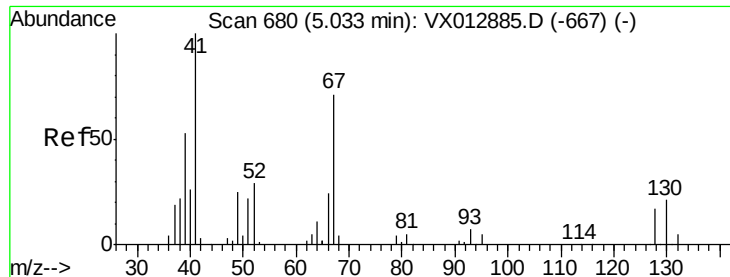
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#40
Benzene
Concen: 20.293 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX012906.D
Acq: 08 Oct 2019 22:29

Tgt Ion	78	Resp	159290
Ion Ratio	Lower	Upper	
78	100		
77	23.4	19.0	28.4





#41

Methacrylonitrile

Concen: 19.516 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX012906.D

Acq: 08 Oct 2019 22:29

Instrument :

MSVOA_X

ClientSampleId :

VX1008WBS02

Tot Ion: 41 Resp: 31868

Ion Ratio Lower Upper

41 100

39 54.9 44.0 66.0

67 74.3 58.5 87.7

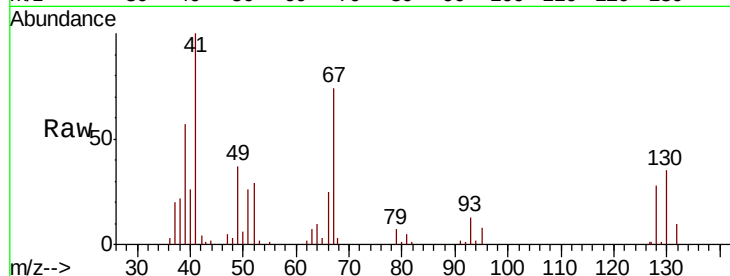
52 31.4 23.8 35.8

Manual Integrations

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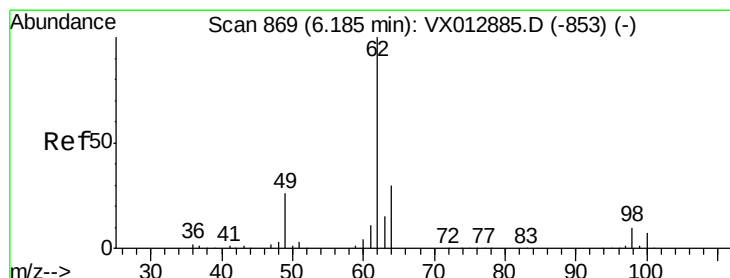
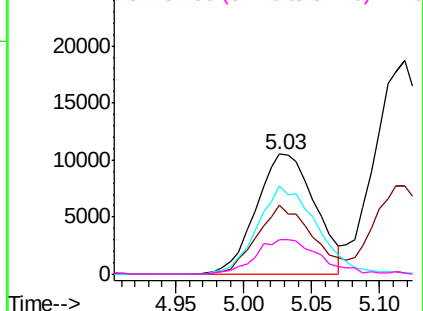
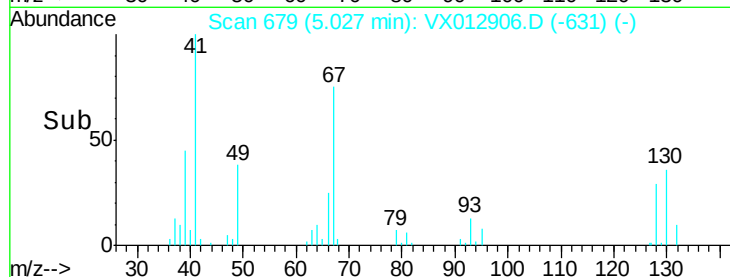


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.906 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX012906.D

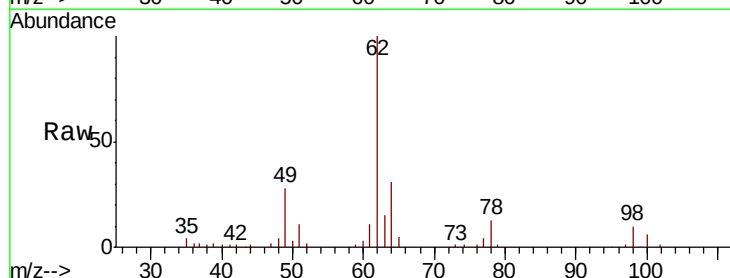
Acq: 08 Oct 2019 22:29

Tgt Ion: 62 Resp: 56066

Ion Ratio Lower Upper

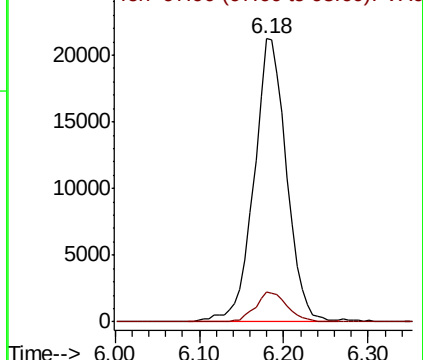
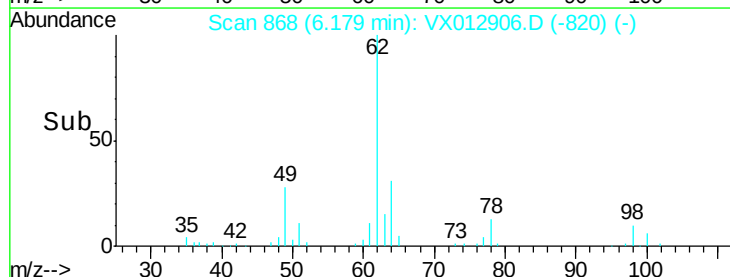
62 100

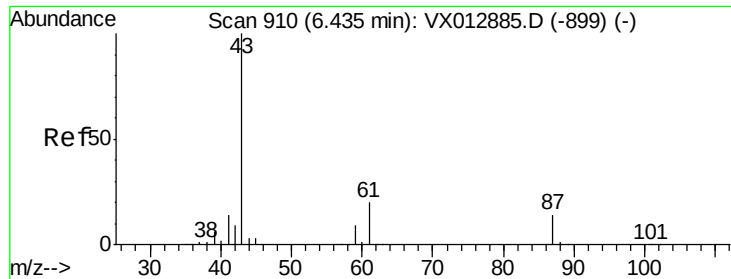
98 10.2 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.940 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012906.D

Acq: 08 Oct 2019 22:29

Instrument :

MSVOA_X

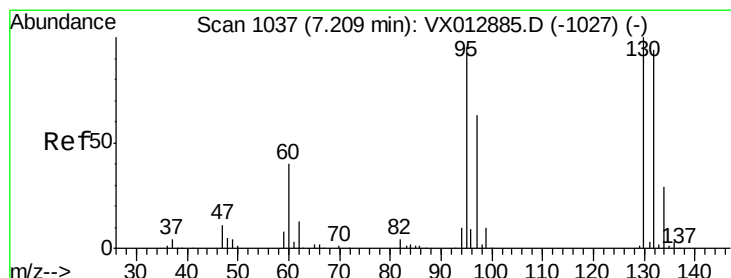
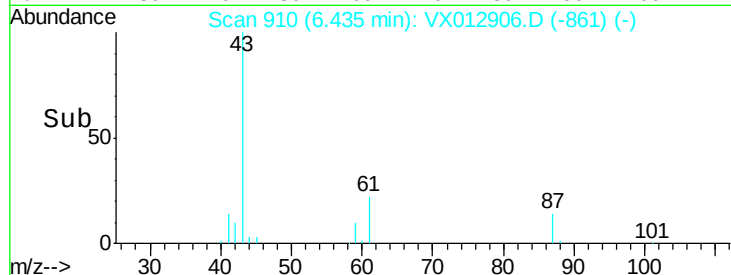
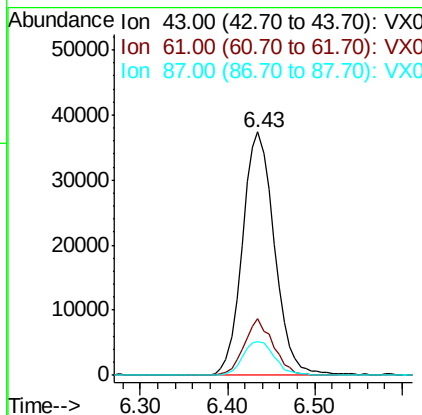
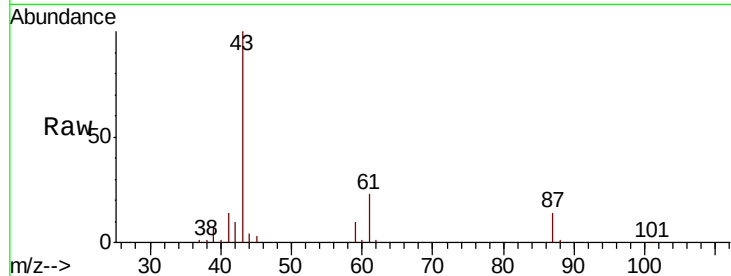
ClientSampleId :

VX1008WBS02

Tot Ion:	43	Resp:	95111
Ion	Ratio	Lower	Upper
43	100		
61	21.2	16.6	24.8
87	14.0	11.0	16.6

Manual Integrations
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#44

Trichloroethene

Concen: 18.920 ug/l

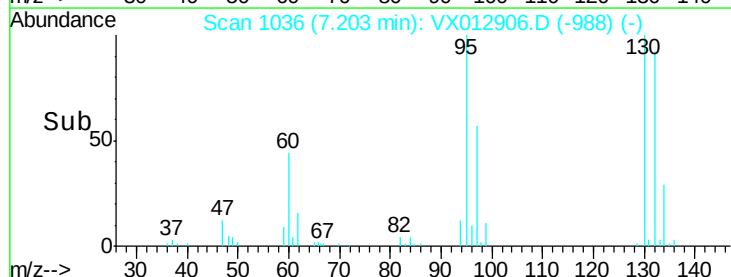
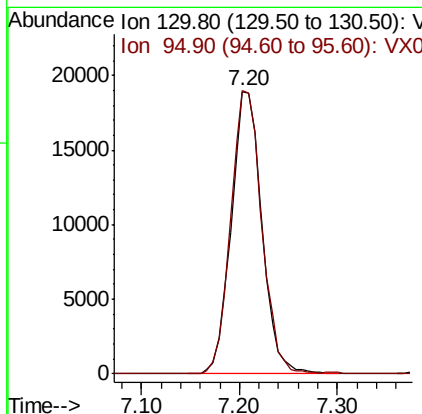
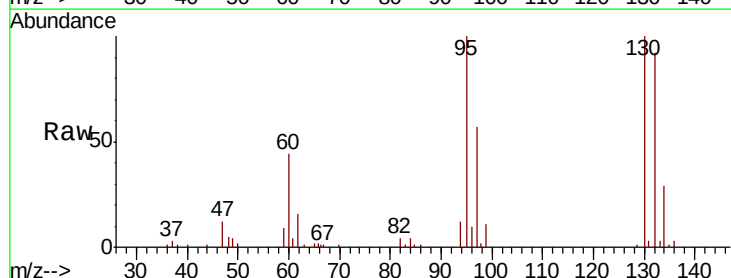
RT: 7.20 min Scan# 1036

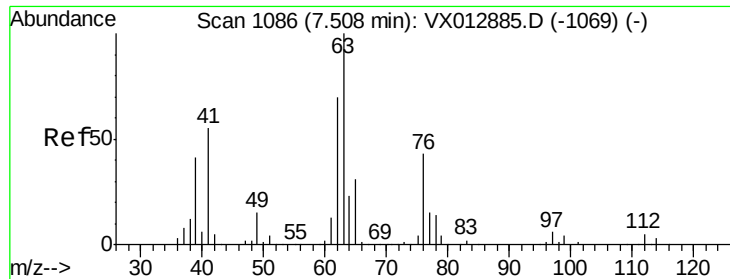
Delta R.T. -0.01 min

Lab File: VX012906.D

Acq: 08 Oct 2019 22:29

Tgt Ion:	130	Resp:	41182
Ion	Ratio	Lower	Upper
130	100		
95	100.3	0.0	189.2





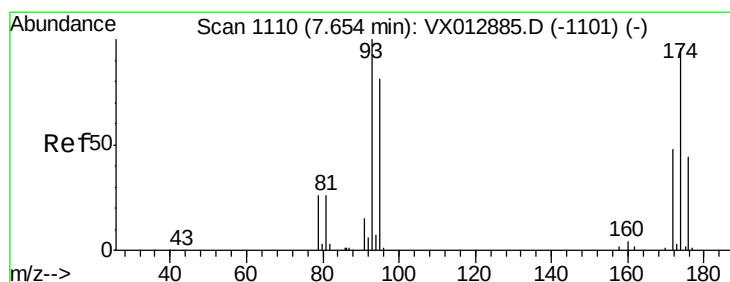
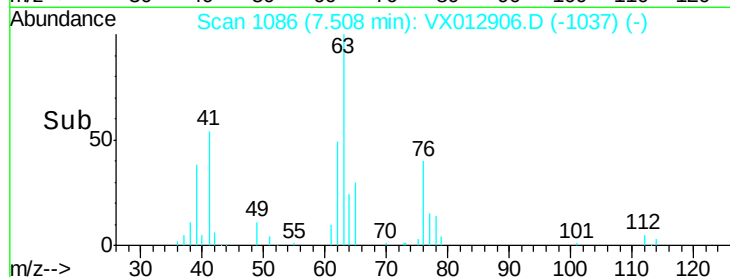
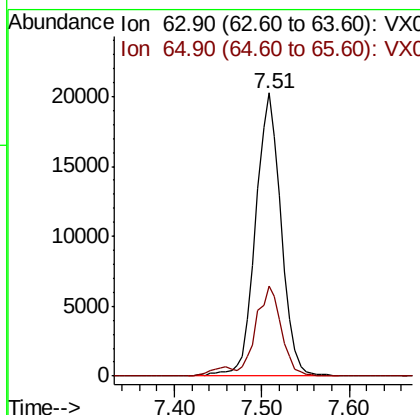
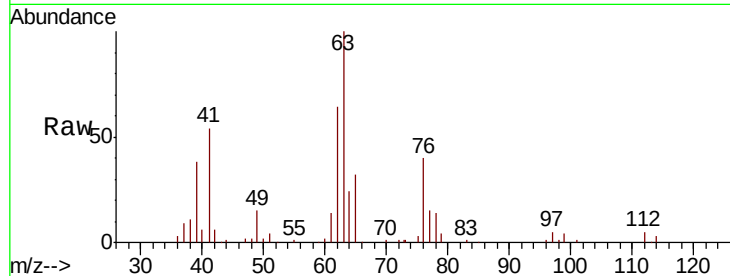
#45
 1,2-Dichloropropane
 Concen: 20.537 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012906.D
 Acq: 08 Oct 2019 22:29

Instrument :
 MSVOA_X
 ClientSampled :
 VX1008WBS02

Tot Ion: 63 Resp: 41086
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.6 37.0

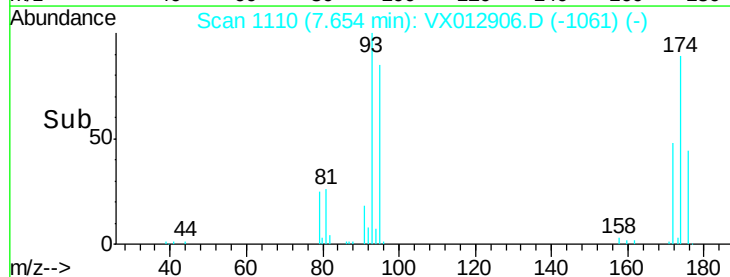
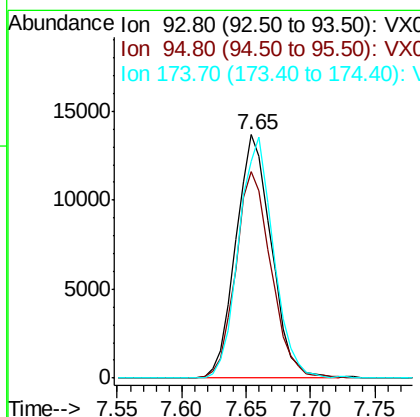
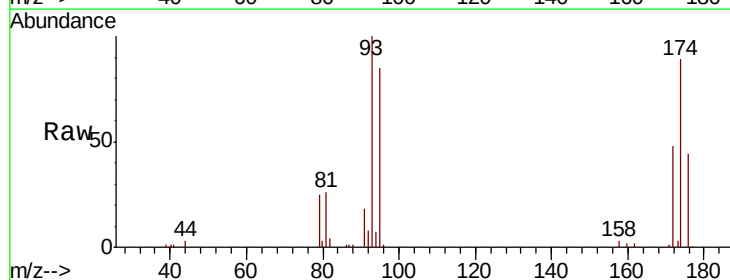
Manual Integrations
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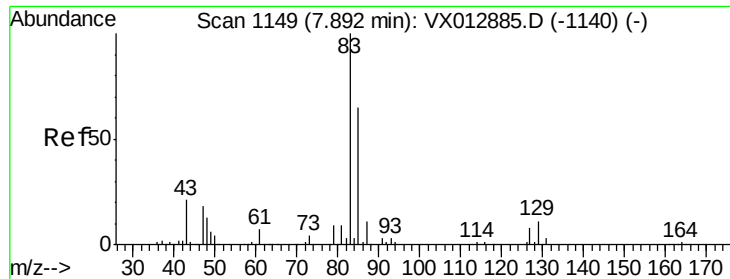
MMDadoda
 10/9/2019 10:39:10 AM



#46
 Dibromomethane
 Concen: 19.623 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012906.D
 Acq: 08 Oct 2019 22:29

Tgt Ion: 93 Resp: 26155
 Ion Ratio Lower Upper
 93 100
 95 84.6 66.3 99.5
 174 96.2 77.8 116.6





#47

Bromodichloromethane

Concen: 19.477 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012906.D

Acq: 08 Oct 2019 22:29

Instrument :

MSVOA_X

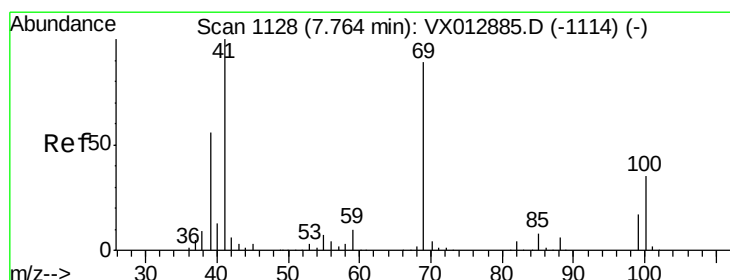
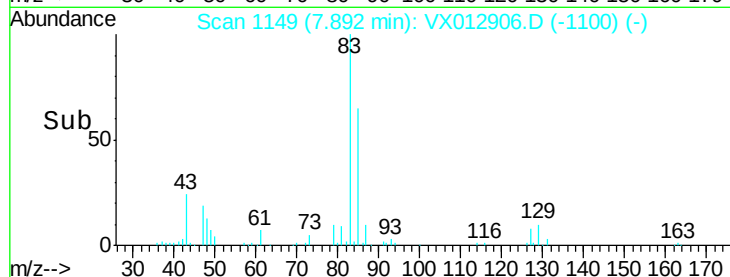
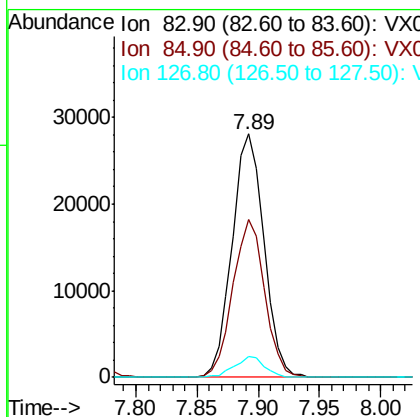
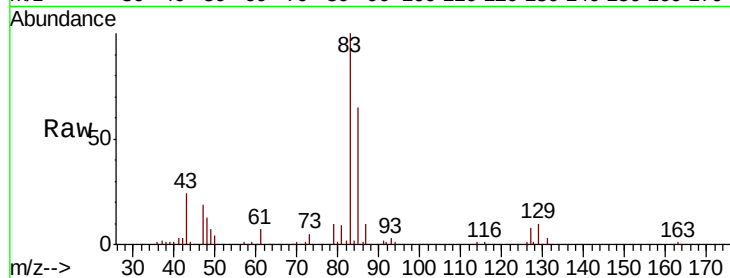
ClientSampleId :

VX1008WBS02

Tot Ion:	83	Resp:	50662
Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.4	78.6
127	8.4	6.6	10.0

Manual Integrations
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MMDadoda
10/9/2019 10:39:10 AM



#48

Methyl methacrylate

Concen: 19.649 ug/l

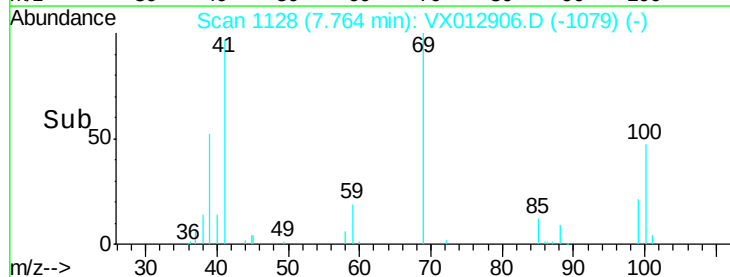
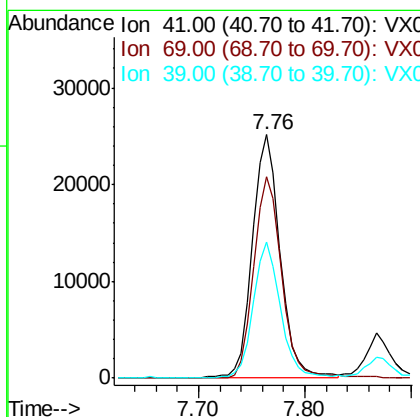
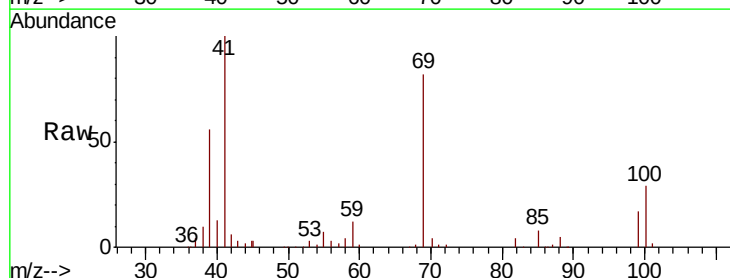
RT: 7.76 min Scan# 1128

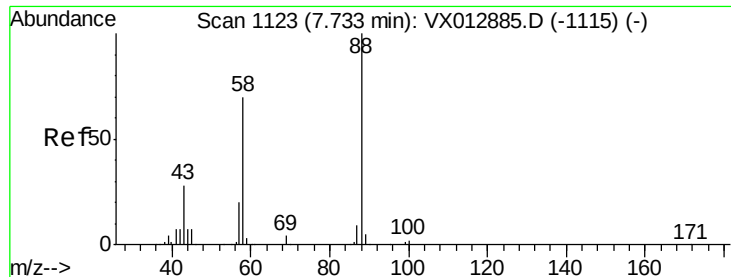
Delta R.T. 0.00 min

Lab File: VX012906.D

Acq: 08 Oct 2019 22:29

Tgt Ion:	41	Resp:	45671
Ion	Ratio	Lower	Upper
41	100		
69	83.6	68.7	103.1
39	55.8	44.3	66.5





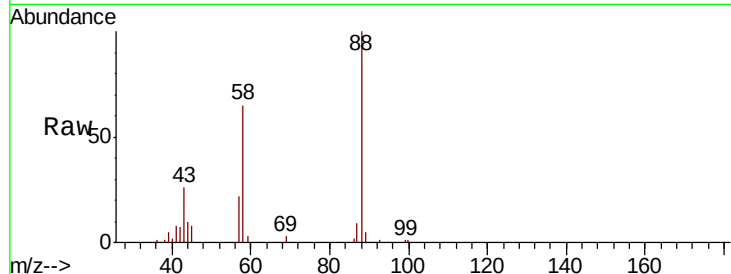
#49
1,4-Dioxane
Concen: 381.199 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012906.D
Acq: 08 Oct 2019 22:29

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.0	25.0	37.6
58	71.1	55.4	83.2

Manual Integrations
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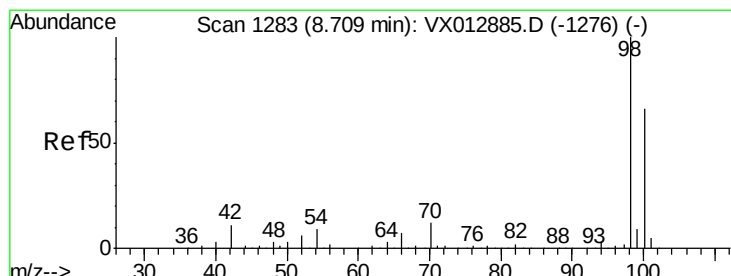
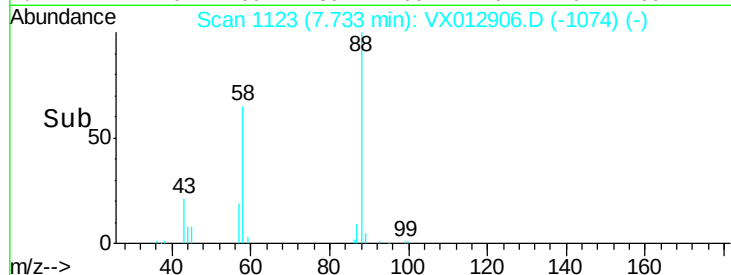
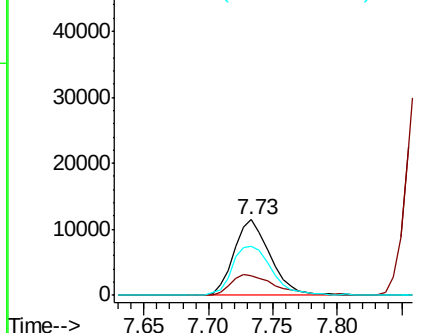


Abundance

Ion 88.00 (87.70 to 88.70): VX0

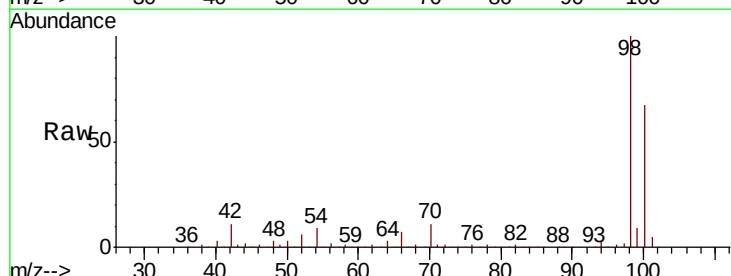
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 52.068 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012906.D
Acq: 08 Oct 2019 22:29

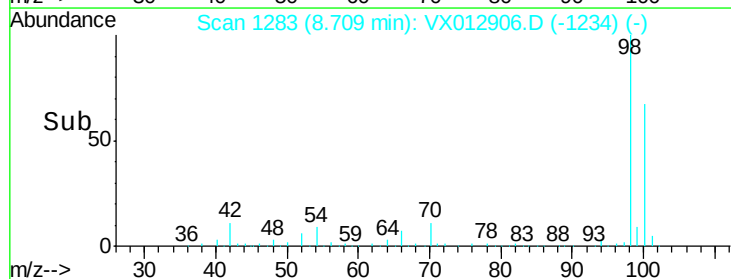
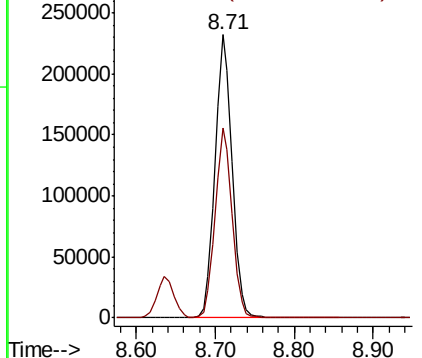
Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.4	80.2

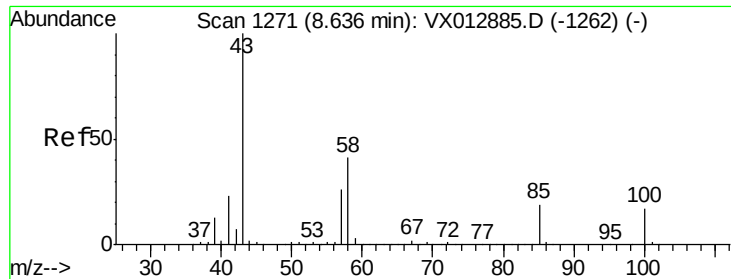


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 100.543 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012906.D

Acq: 08 Oct 2019 22:29

Instrument :

MSVOA_X

ClientSampled :

VX1008WBS02

Tot Ion: 43 Resp: 298999

Ion Ratio Lower Upper

43 100

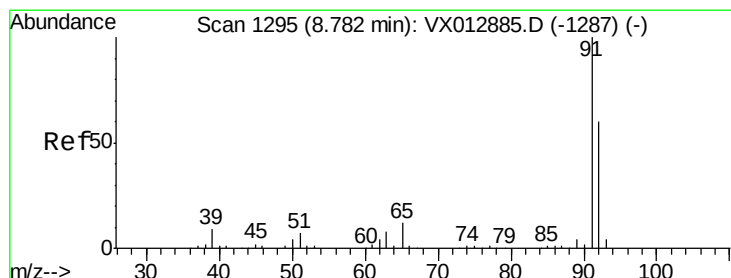
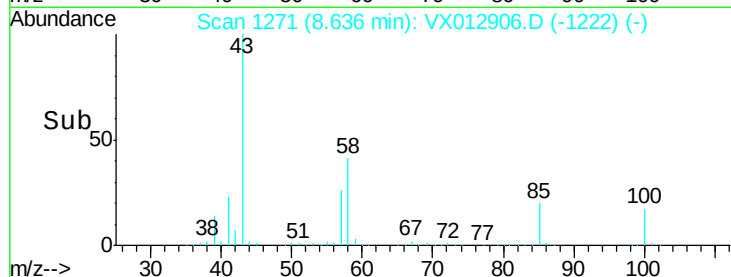
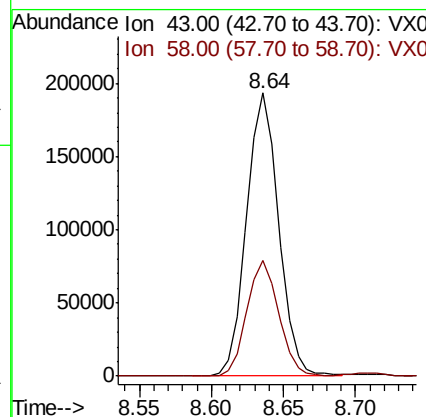
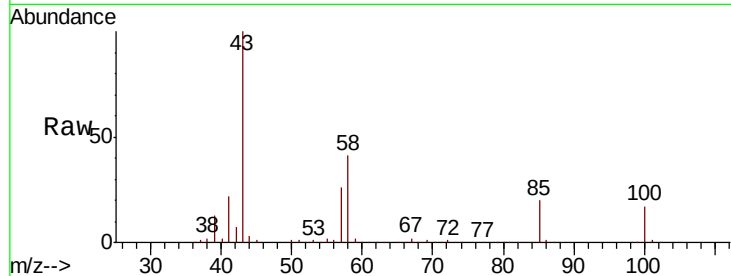
58 40.4 32.4 48.6

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#52

Toluene

Concen: 19.580 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012906.D

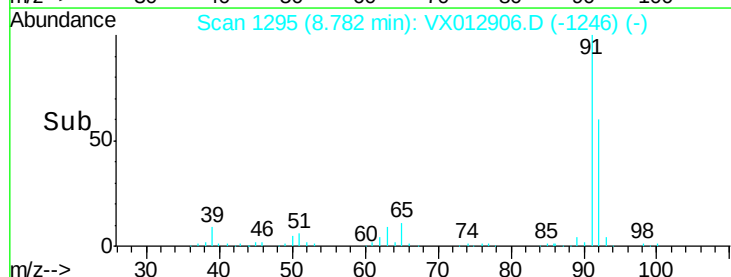
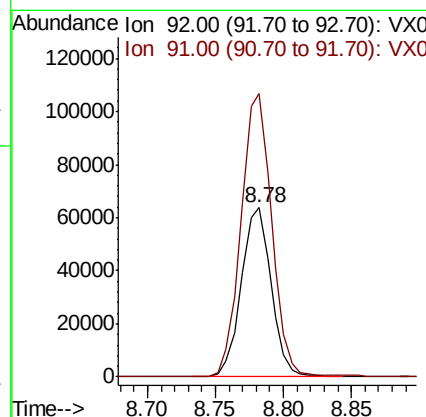
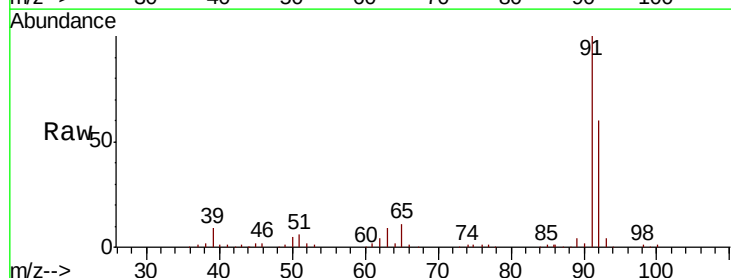
Acq: 08 Oct 2019 22:29

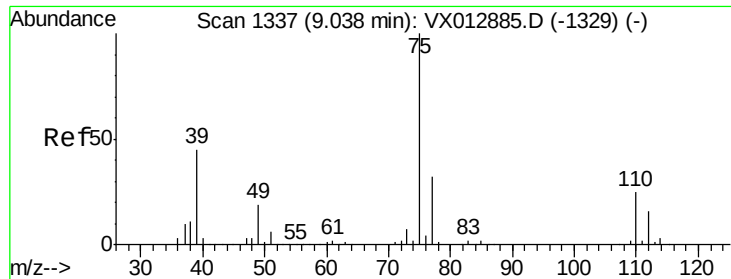
Tgt Ion: 92 Resp: 98325

Ion Ratio Lower Upper

92 100

91 171.9 135.9 203.9





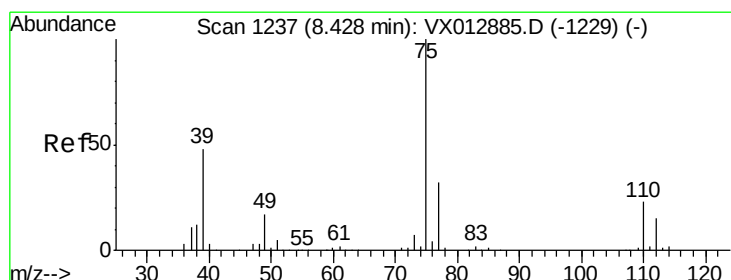
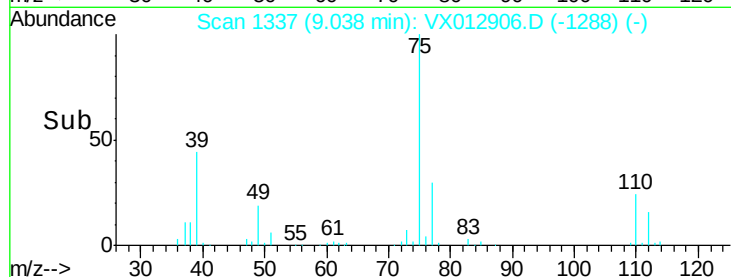
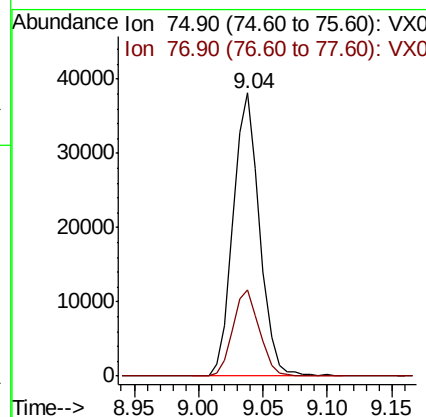
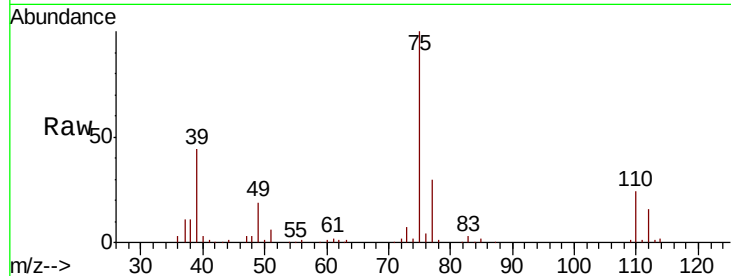
#53
t-1,3-Dichloropropene
Concen: 18.370 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012906.D
Acq: 08 Oct 2019 22:29

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS02

Tot Ion: 75 Resp: 54974
Ion Ratio Lower Upper
75 100
77 30.4 25.8 38.6

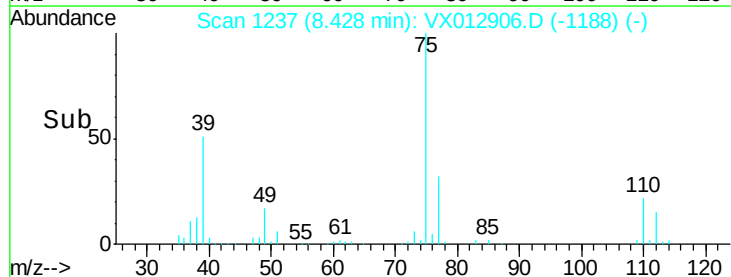
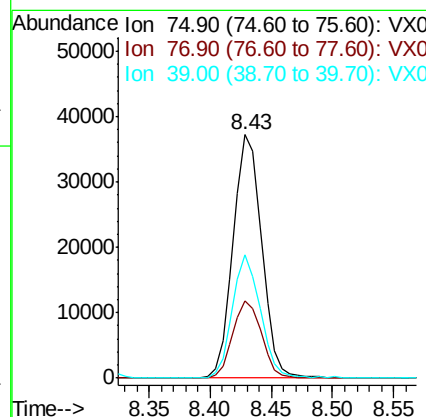
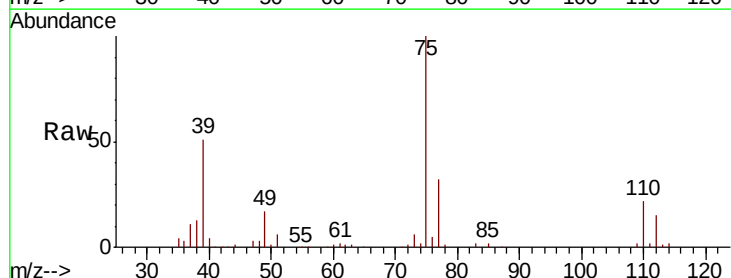
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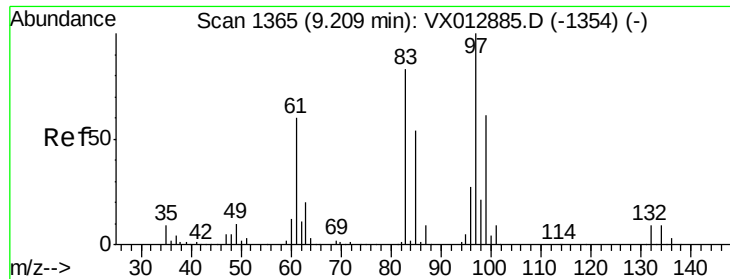
MMDadoda
10/9/2019 10:39:10 AM



#54
cis-1,3-Dichloropropene
Concen: 18.846 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012906.D
Acq: 08 Oct 2019 22:29

Tgt Ion: 75 Resp: 60292
Ion Ratio Lower Upper
75 100
77 31.7 25.8 38.8
39 50.7 38.2 57.2





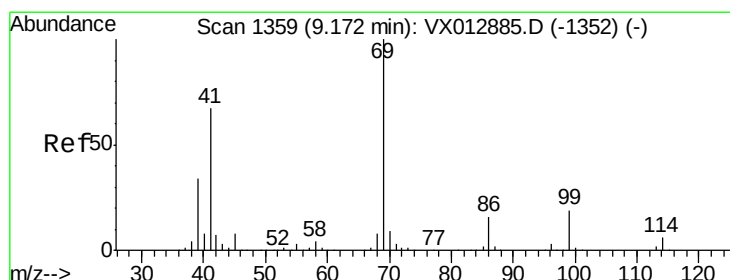
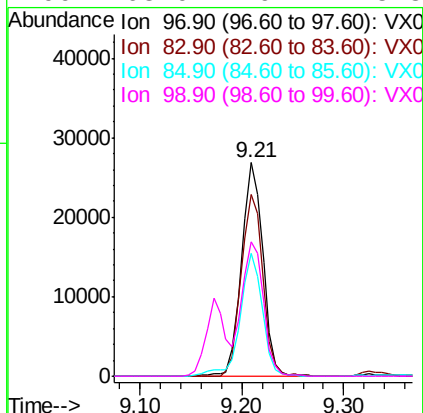
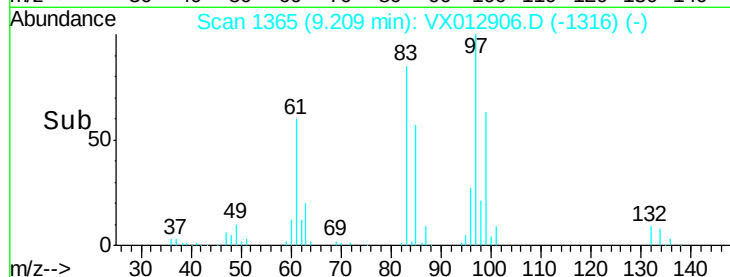
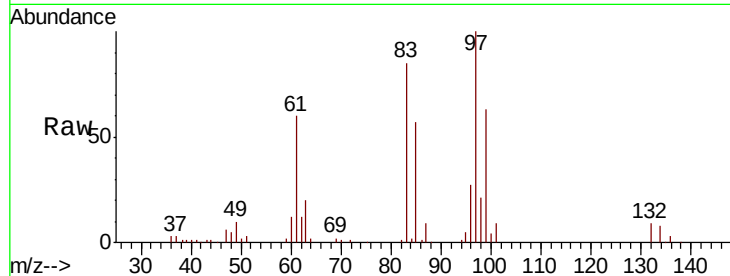
#55
 1,1,2-Trichloroethane
 Concen: 19.637 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012906.D
 Acq: 08 Oct 2019 22:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1008WBS02

Tot Ion:	97	Resp:	39024
Ion	Ratio	Lower	Upper
97	100		
83	85.1	66.5	99.7
85	57.3	43.1	64.7
99	63.0	49.2	73.8

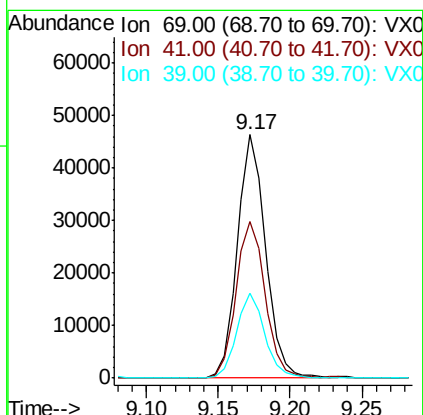
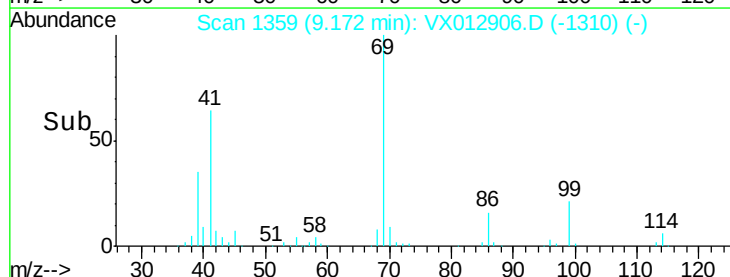
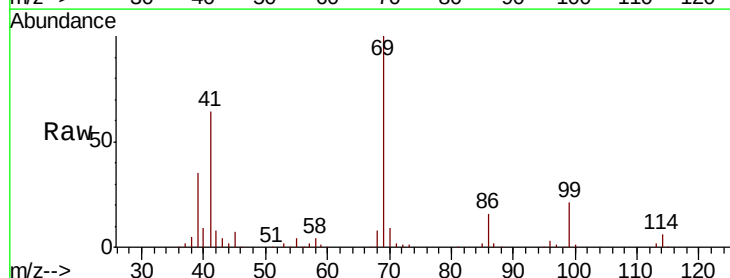
Manual Integrations
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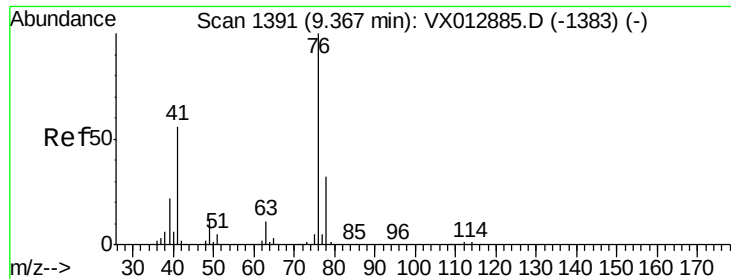
MMDadoda
 10/9/2019 10:39:10 AM



#56
 Ethyl methacrylate
 Concen: 19.002 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012906.D
 Acq: 08 Oct 2019 22:29

Tgt Ion:	69	Resp:	63428
Ion	Ratio	Lower	Upper
69	100		
41	67.4	52.1	78.1
39	35.5	27.8	41.8





#57

1,3-Dichloropropane

Concen: 19.949 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012906.D

Acq: 08 Oct 2019 22:29

Instrument :

MSVOA_X

ClientSampleId :

VX1008WBS02

Tot Ion: 76 Resp: 68578

Ion Ratio Lower Upper

76 100

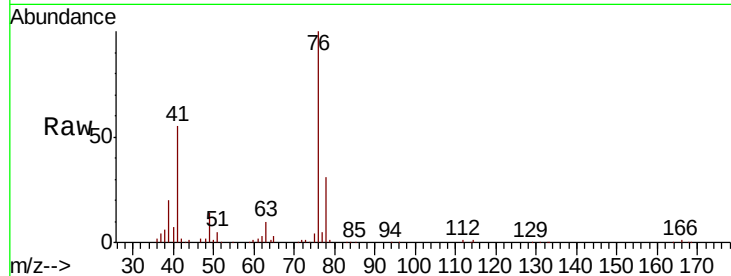
78 32.4 26.1 39.1

Manual Integrations

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MMDadoda

10/9/2019 10:39:10 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

50000

40000

30000

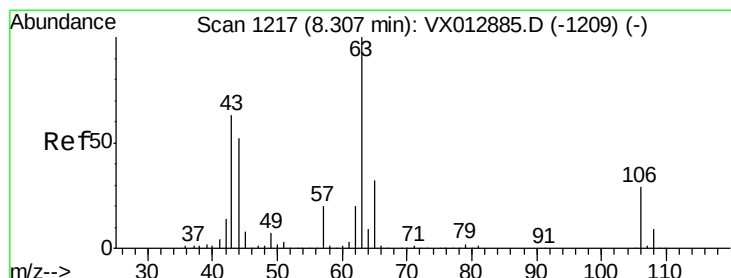
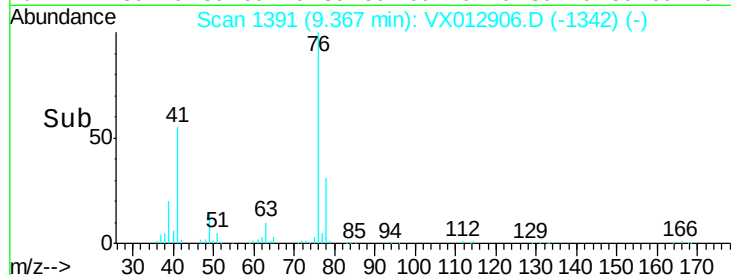
20000

10000

0

9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 102.399 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX012906.D

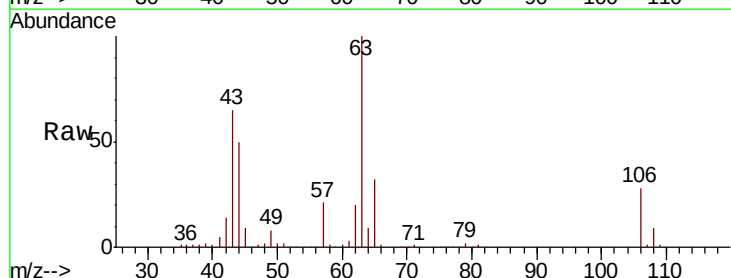
Acq: 08 Oct 2019 22:29

Tgt Ion: 63 Resp: 149493

Ion Ratio Lower Upper

63 100

106 29.6 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

100000

80000

60000

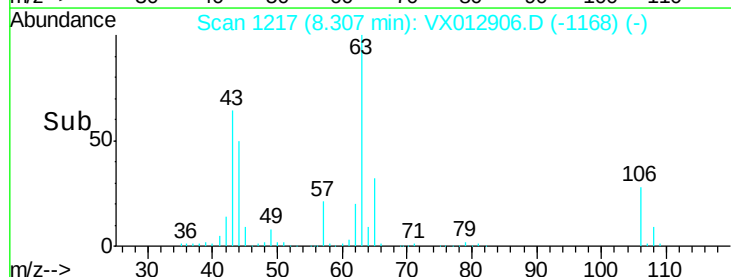
40000

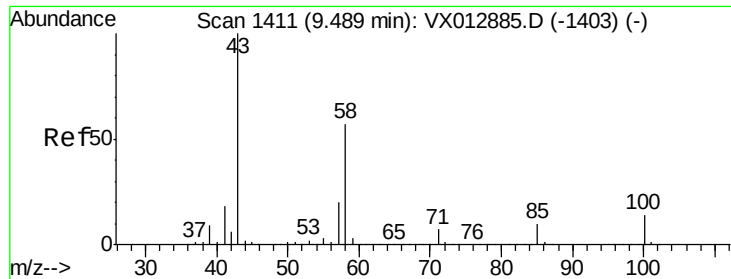
20000

0

8.20 8.25 8.30 8.35 8.40

Time-->





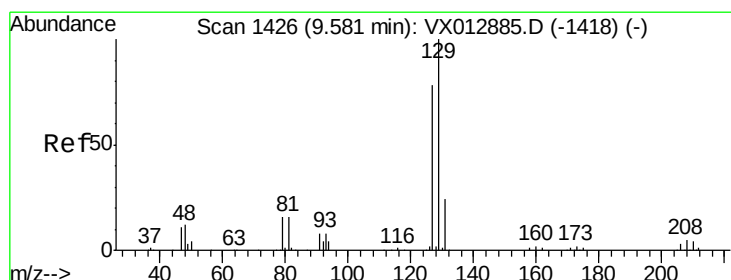
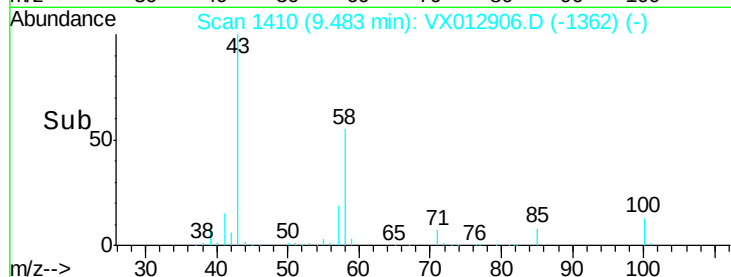
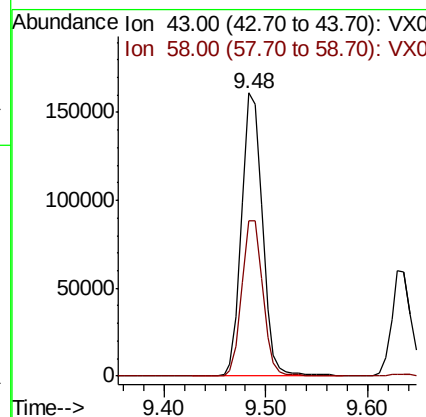
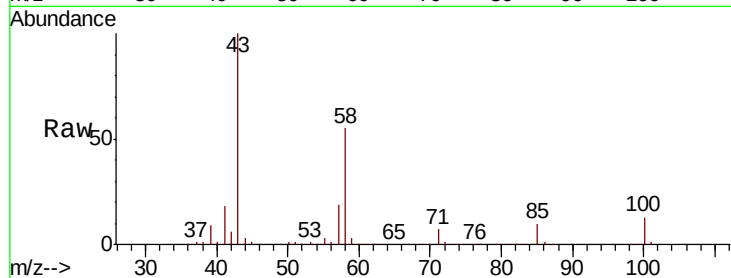
#59
2-Hexanone
Concen: 98.048 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012906.D
Acq: 08 Oct 2019 22:29

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS02

Tot Ion: 43 Resp: 226974
Ion Ratio Lower Upper
43 100
58 55.5 28.1 84.3

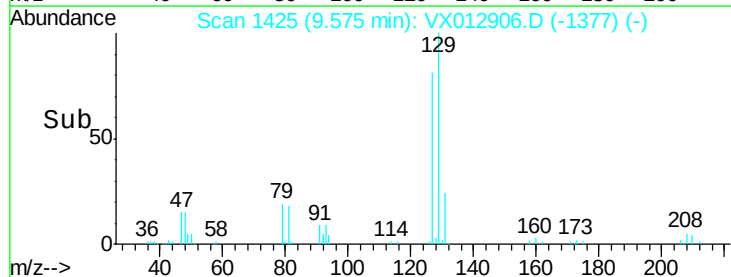
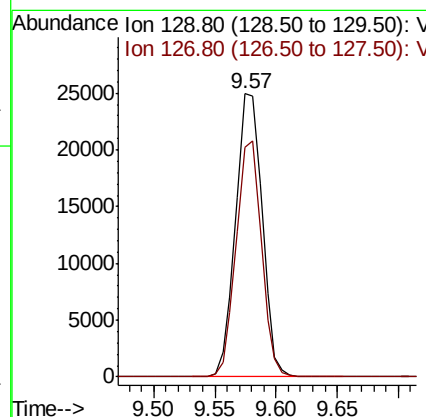
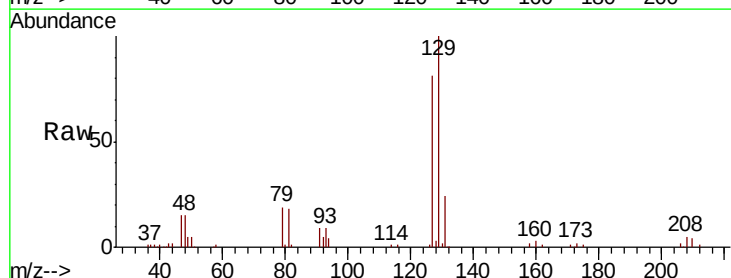
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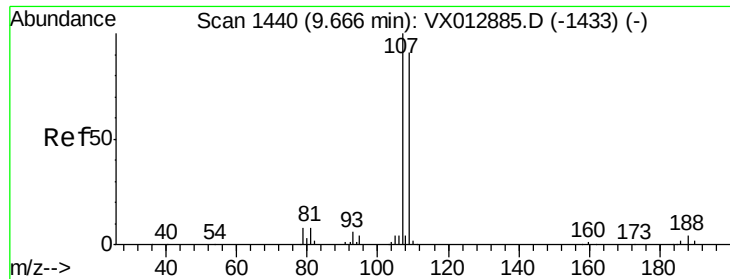
MMDadoda
10/9/2019 10:39:10 AM



#60
Dibromochloromethane
Concen: 18.152 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012906.D
Acq: 08 Oct 2019 22:29

Tgt Ion: 129 Resp: 37427
Ion Ratio Lower Upper
129 100
127 79.6 38.9 116.7





#61

1,2-Dibromoethane

Concen: 19.835 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012906.D

Acq: 08 Oct 2019 22:29

Instrument :

MSVOA_X

ClientSampleId :

VX1008WBS02

Tot Ion: 107 Resp: 41465

Ion Ratio Lower Upper

107 100

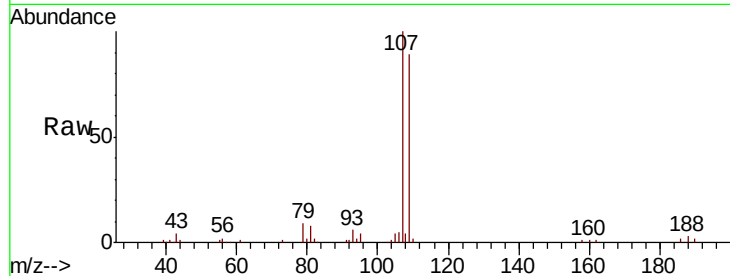
109 92.5 75.8 113.6

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

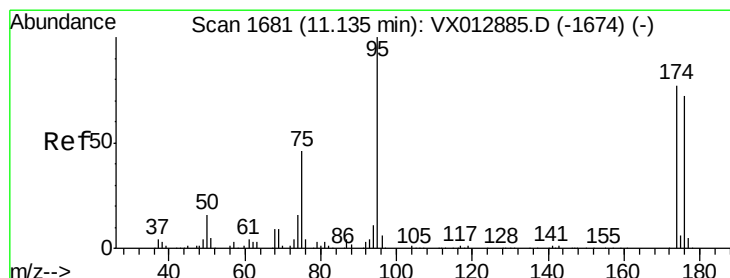
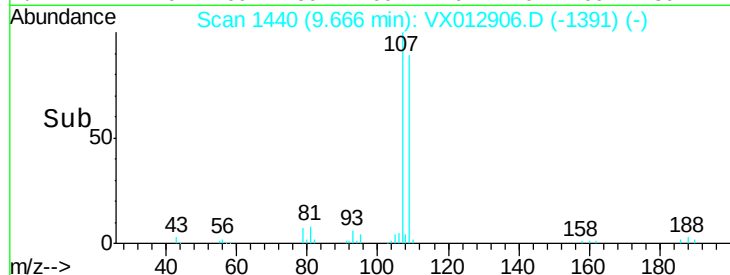
30000

20000

10000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.222 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012906.D

Acq: 08 Oct 2019 22:29

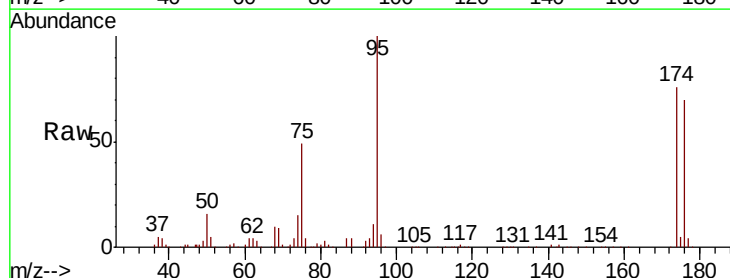
Tgt Ion: 95 Resp: 132043

Ion Ratio Lower Upper

95 100

174 74.0 0.0 143.4

176 69.8 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

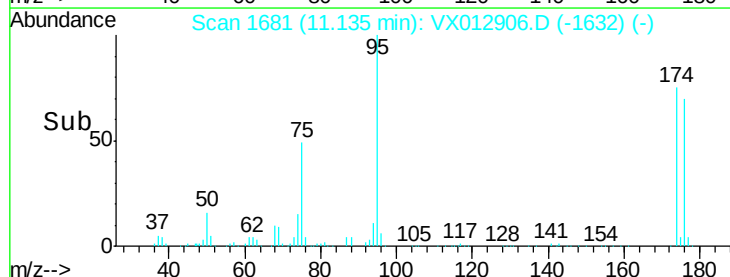
11.14

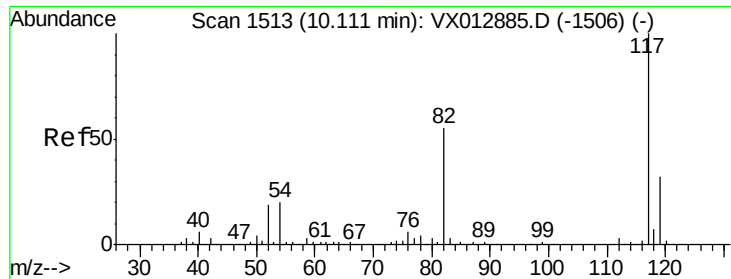
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012906.D

Acq: 08 Oct 2019 22:29

Instrument :

MSVOA_X

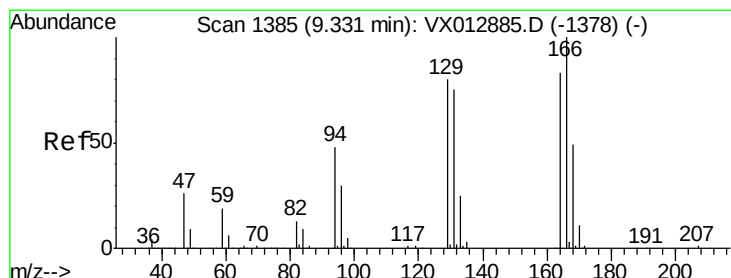
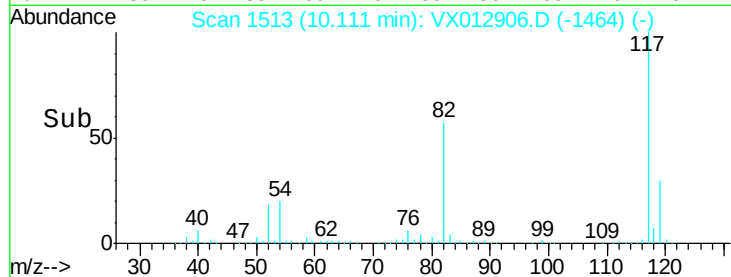
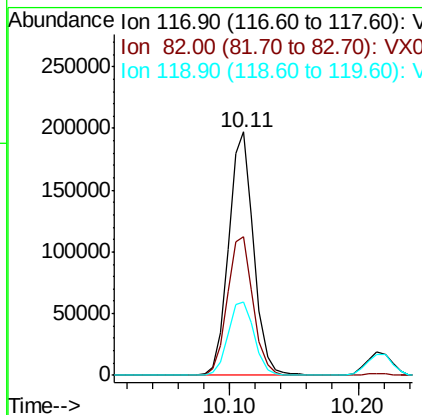
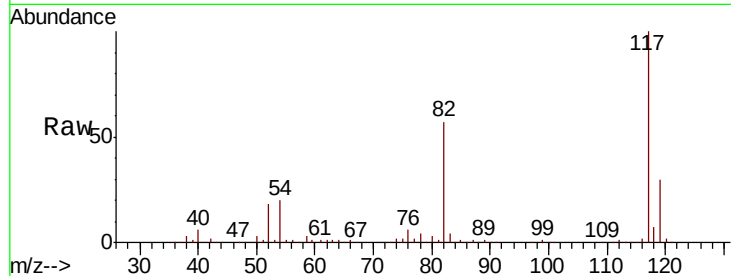
ClientSampled :

VX1008WBS02

Tot Ion:	117	Resp:	266785
Ion Ratio	Lower	Upper	
117	100		
82	57.1	44.1	66.1
119	30.4	25.8	38.8

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#64

Tetrachloroethene

Concen: 20.453 ug/l

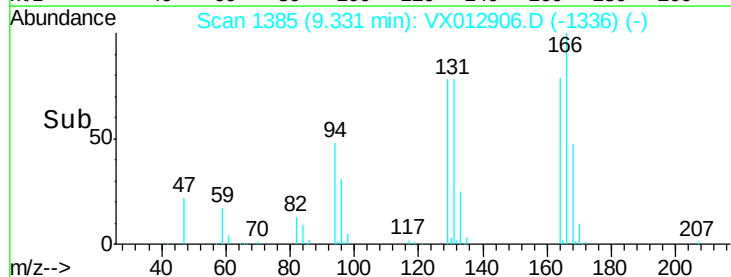
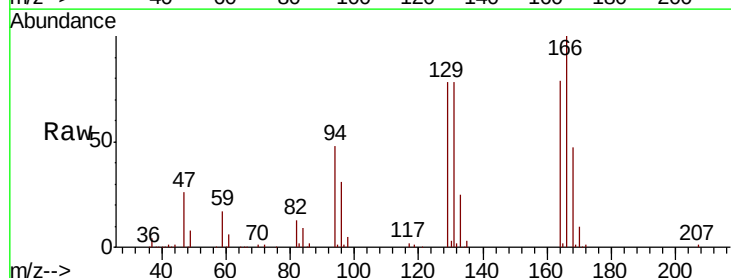
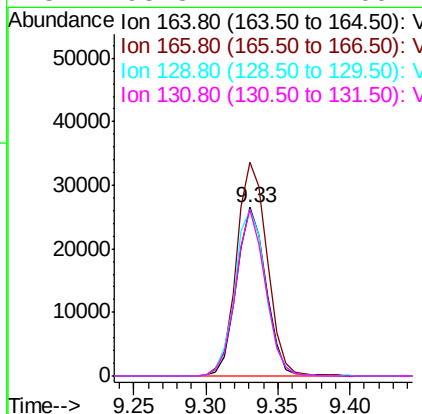
RT: 9.33 min Scan# 1385

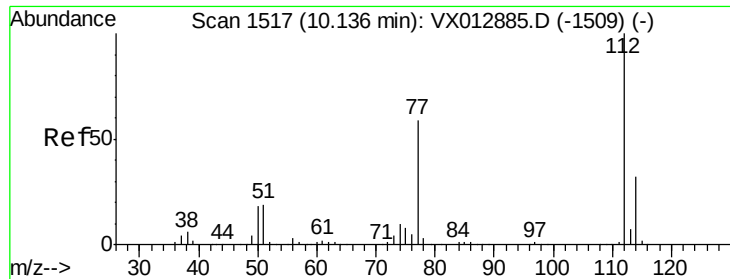
Delta R.T. 0.00 min

Lab File: VX012906.D

Acq: 08 Oct 2019 22:29

Tgt Ion:	164	Resp:	37847
Ion Ratio	Lower	Upper	
164	100		
166	126.4	96.9	145.3
129	98.5	77.9	116.9
131	98.8	72.7	109.1





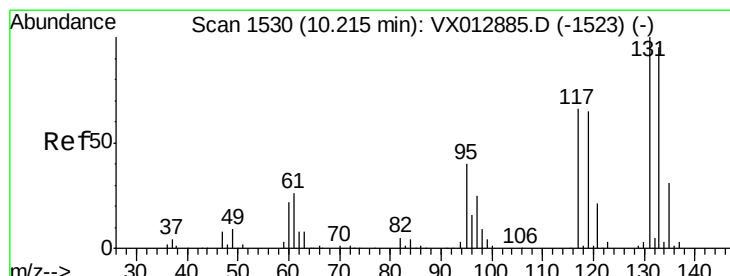
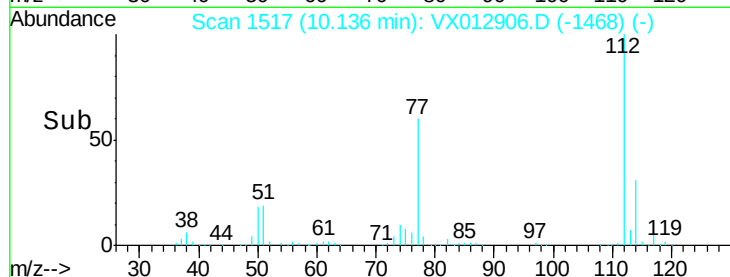
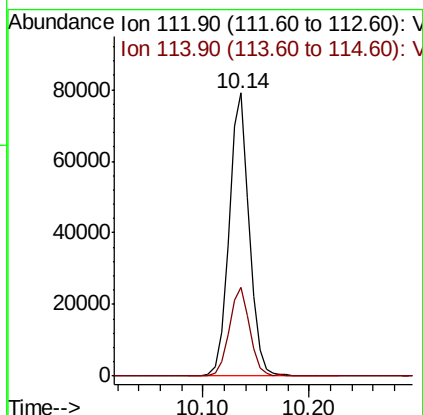
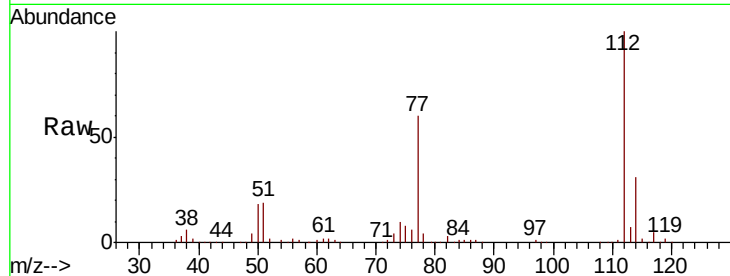
#65
Chlorobenzene
Concen: 19.655 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012906.D
Acq: 08 Oct 2019 22:29

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS02

Tot Ion:112 Resp: 104129
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5

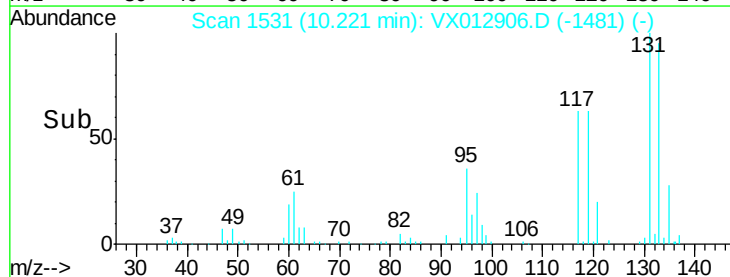
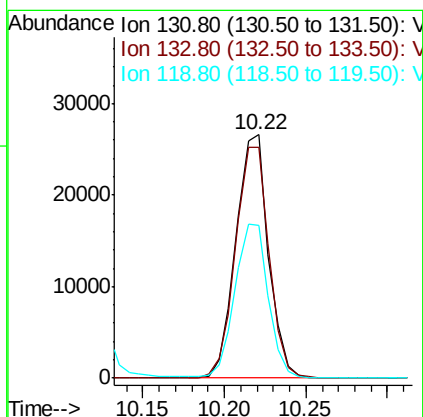
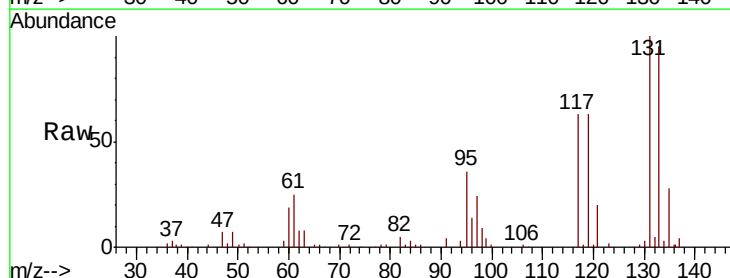
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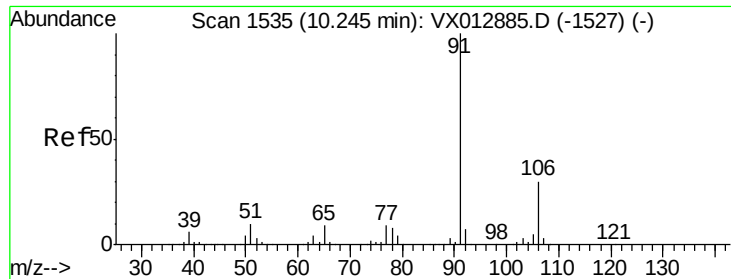
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.136 ug/l
RT: 10.22 min Scan# 1531
Delta R.T. 0.01 min
Lab File: VX012906.D
Acq: 08 Oct 2019 22:29

Tgt Ion:131 Resp: 36988
Ion Ratio Lower Upper
131 100
133 97.8 47.2 141.6
119 64.7 32.6 98.0





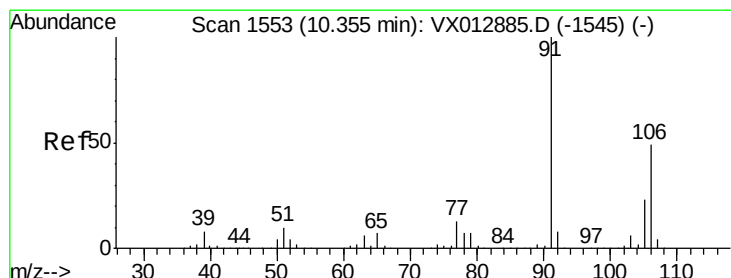
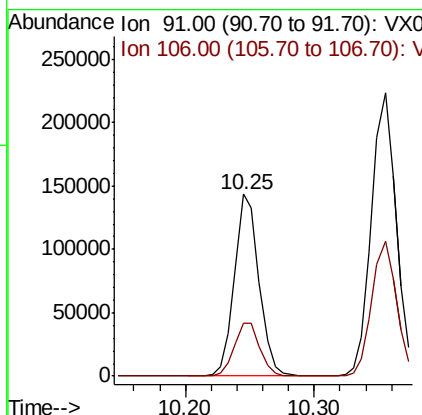
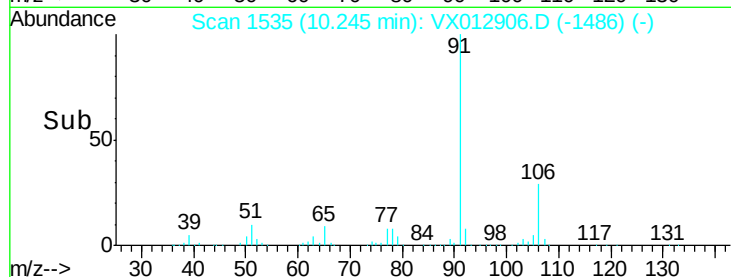
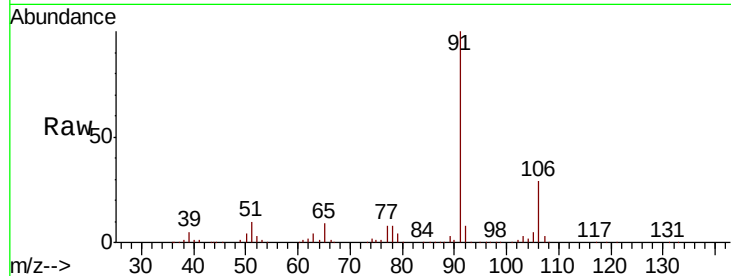
#67
Ethyl Benzene
Concen: 20.320 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012906.D
Acq: 08 Oct 2019 22:29

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS02

Tot Ion: 91 Resp: 191220
Ion Ratio Lower Upper
91 100
106 28.8 23.9 35.9

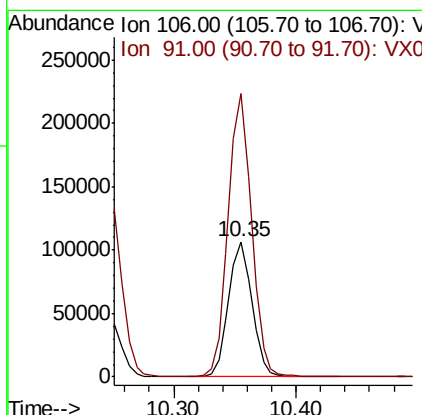
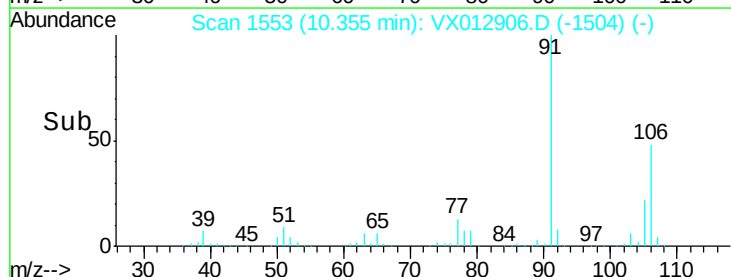
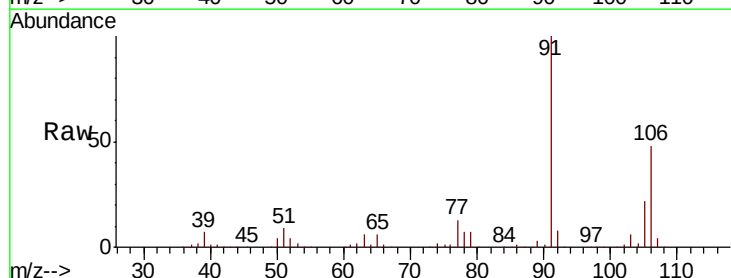
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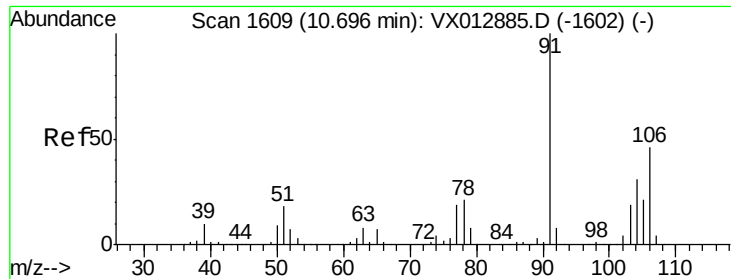
MMDadoda
10/9/2019 10:39:10 AM



#68
m/p-Xylenes
Concen: 40.292 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012906.D
Acq: 08 Oct 2019 22:29

Tgt Ion: 106 Resp: 141654
Ion Ratio Lower Upper
106 100
91 209.1 165.3 247.9





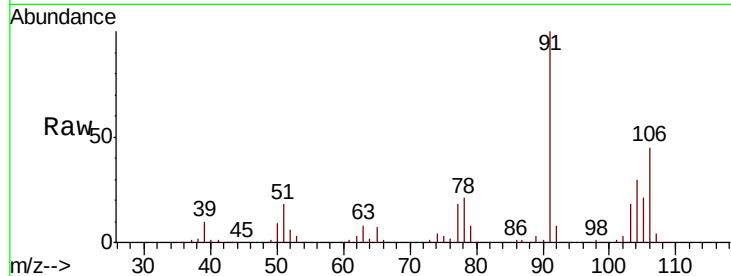
#69
o-Xylene
Concen: 20.095 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012906.D
Acq: 08 Oct 2019 22:29

Instrument :
MSVOA_X
ClientSampled :
VX1008WBS02

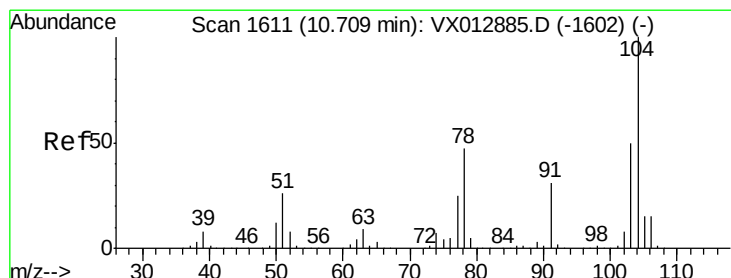
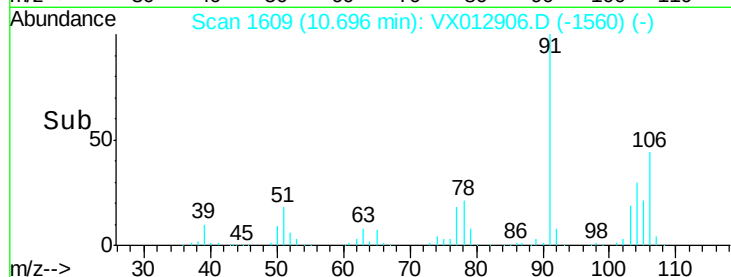
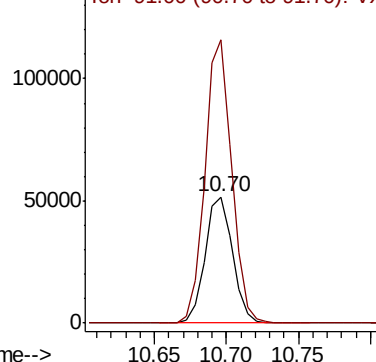
Tot Ion:106 Resp: 68892
Ion Ratio Lower Upper
106 100
91 218.4 109.1 327.3

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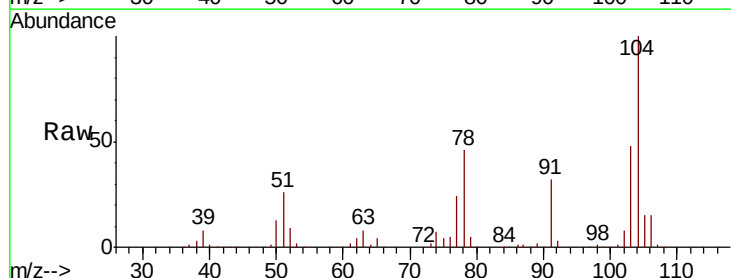


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

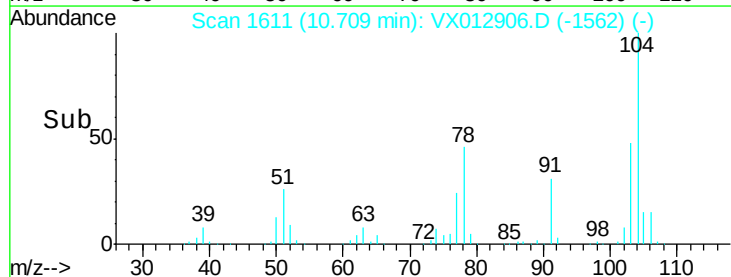
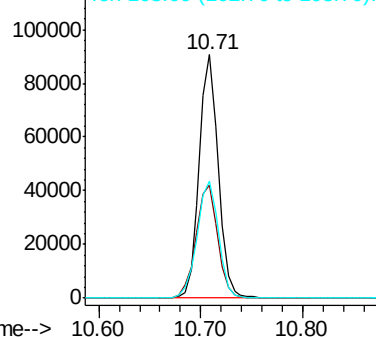


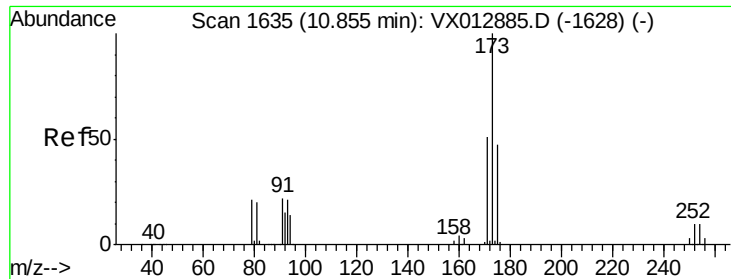
#70
Styrene
Concen: 20.080 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012906.D
Acq: 08 Oct 2019 22:29

Tgt Ion:104 Resp: 117032
Ion Ratio Lower Upper
104 100
78 52.5 41.2 61.8
103 53.9 43.0 64.4



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





#71

Bromoform

Concen: 17.987 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012906.D

Acq: 08 Oct 2019 22:29

Instrument :

MSVOA_X

ClientSampleId :

VX1008WBS02

Tot Ion:173 Resp: 24799

Ion Ratio Lower Upper

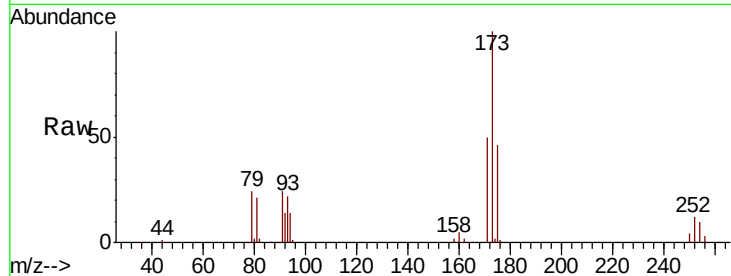
173 100

175 49.4 24.1 72.3

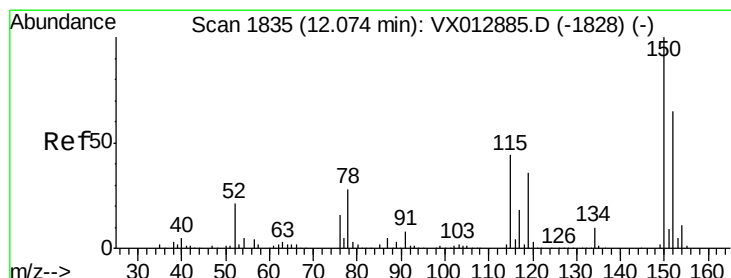
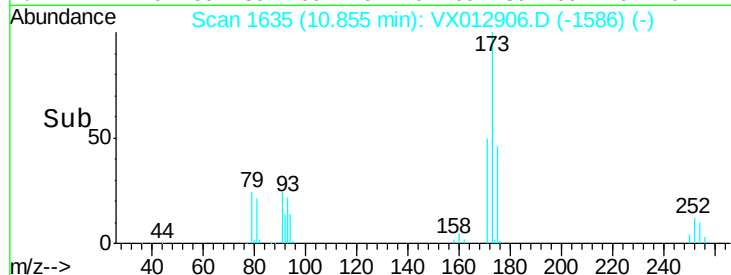
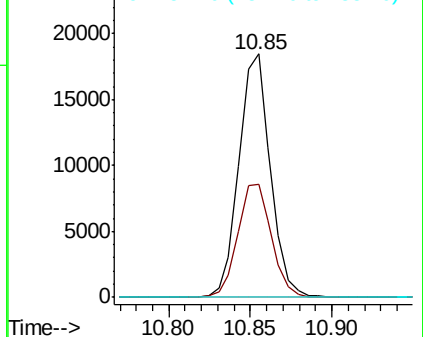
254 0.0 0.1 0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012906.D

Acq: 08 Oct 2019 22:29

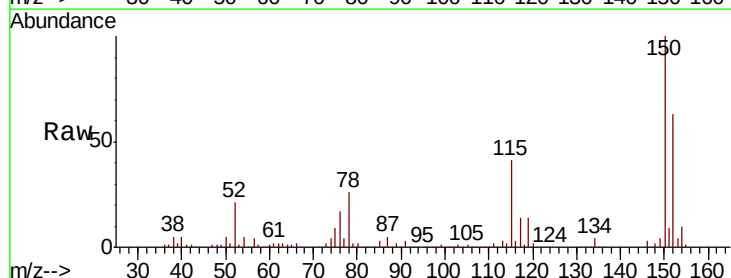
Tgt Ion:152 Resp: 122898

Ion Ratio Lower Upper

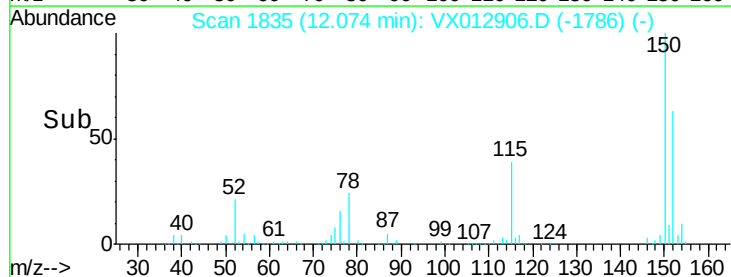
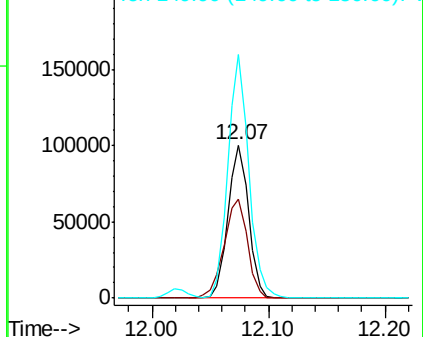
152 100

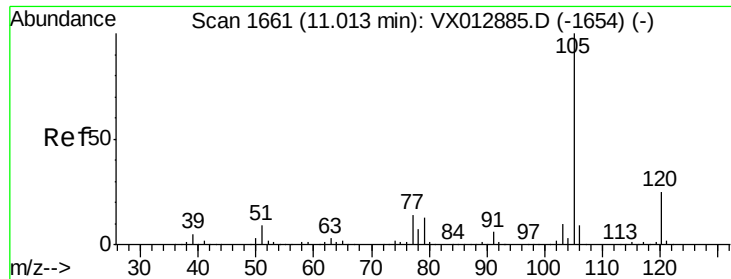
115 73.4 44.5 133.5

150 161.7 0.0 353.4



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





#73

Isopropylbenzene

Concen: 20.446 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012906.D

Acq: 08 Oct 2019 22:29

Instrument :

MSVOA_X

ClientSampleId :

VX1008WBS02

Tot Ion: 105 Resp: 184740

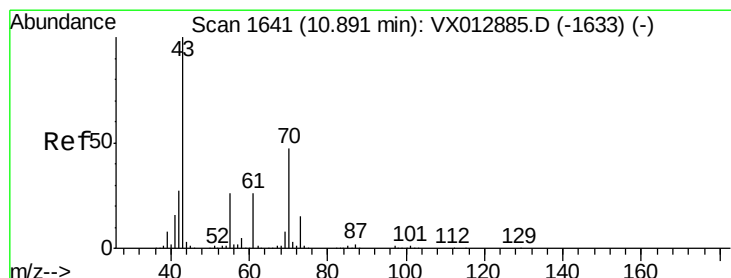
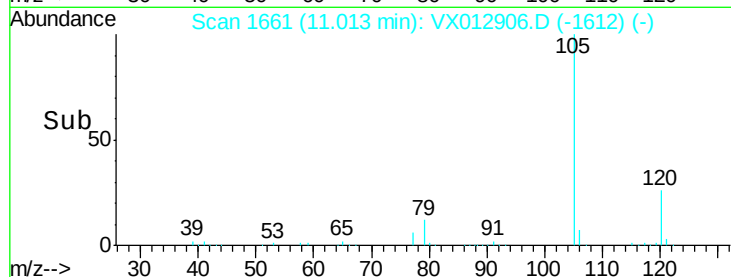
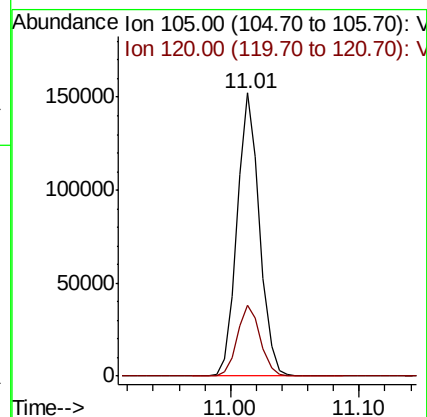
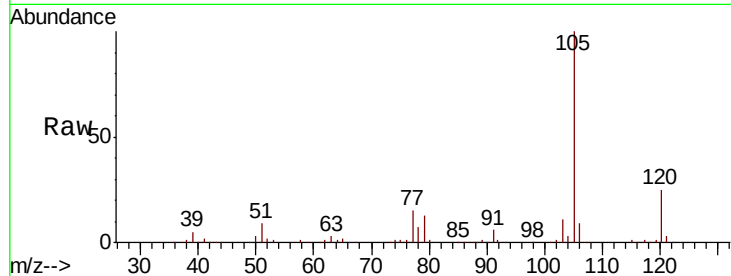
Ion Ratio Lower Upper

105 100

120 25.6 13.0 39.0

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#74

N-ethyl acetate

Concen: 19.615 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012906.D

Acq: 08 Oct 2019 22:29

Tgt Ion: 43 Resp: 76331

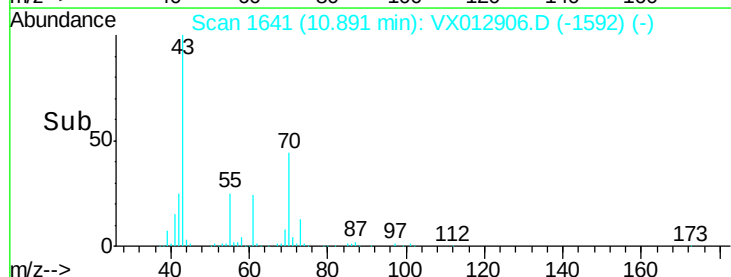
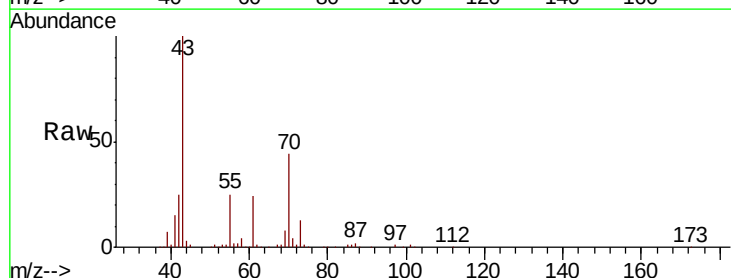
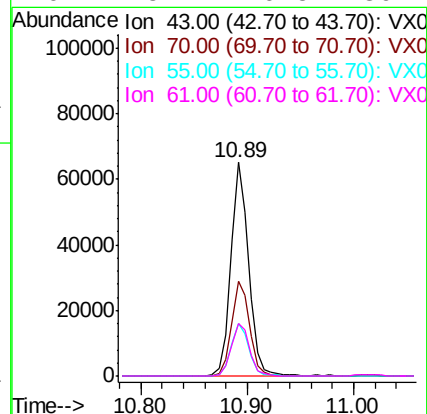
Ion Ratio Lower Upper

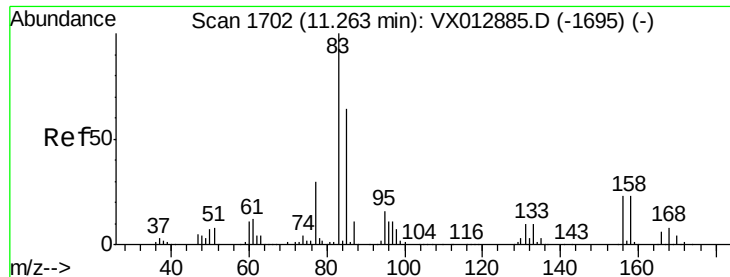
43 100

70 44.8 36.4 54.6

55 25.0 20.2 30.2

61 25.1 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.110 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012906.D

Acq: 08 Oct 2019 22:29

Instrument :

MSVOA_X

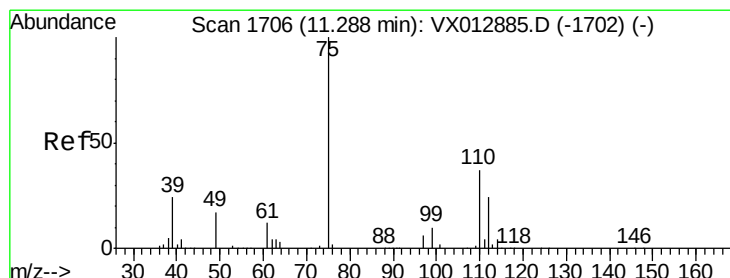
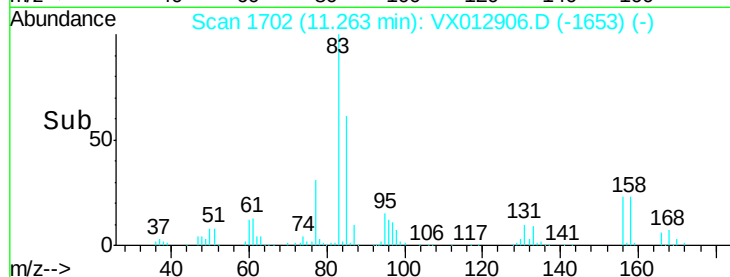
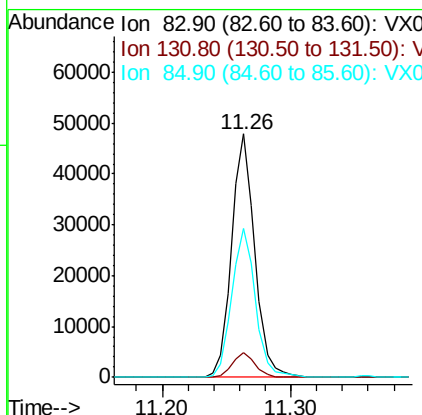
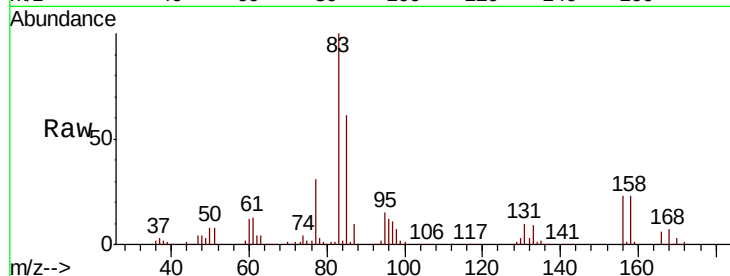
ClientSampled :

VX1008WBS02

Tot Ion:	83	Resp:	60437
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.1	15.3
85	62.4	32.1	96.5

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#76

1,2,3-Trichloropropane

Concen: 18.416 ug/l m

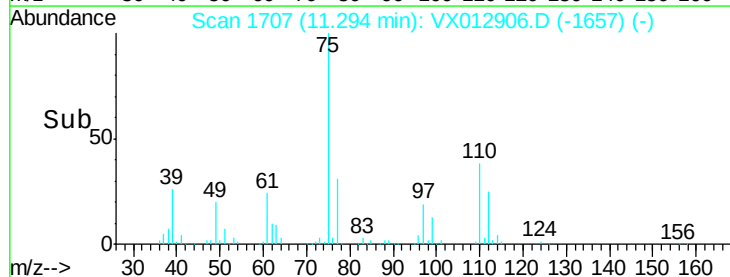
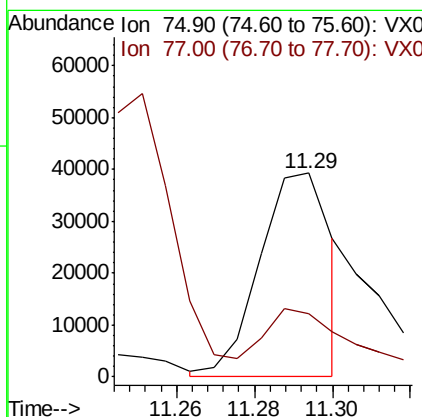
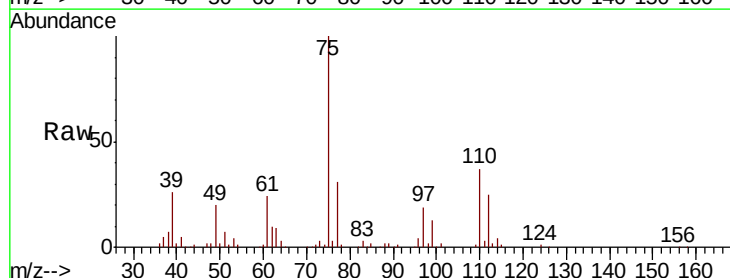
RT: 11.29 min Scan# 1707

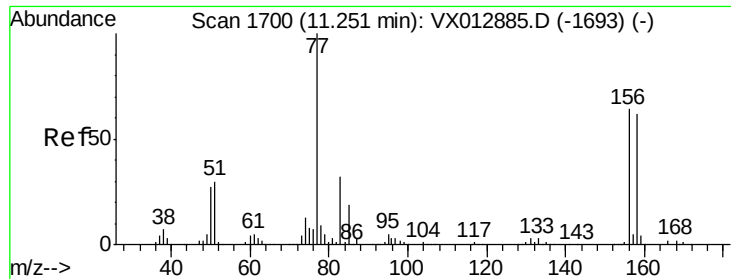
Delta R.T. 0.01 min

Lab File: VX012906.D

Acq: 08 Oct 2019 22:29

Tgt Ion:	75	Resp:	50200
Ion Ratio	Lower	Upper	
75	100		
77	41.8	22.9	68.8





#77

Bromobenzene

Concen: 19.547 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012906.D

Acq: 08 Oct 2019 22:29

Instrument :

MSVOA_X

ClientSampleId :

VX1008WBS02

Tot Ion:156 Resp: 41621

Ion Ratio Lower Upper

156 100

77 178.7 83.7 251.0

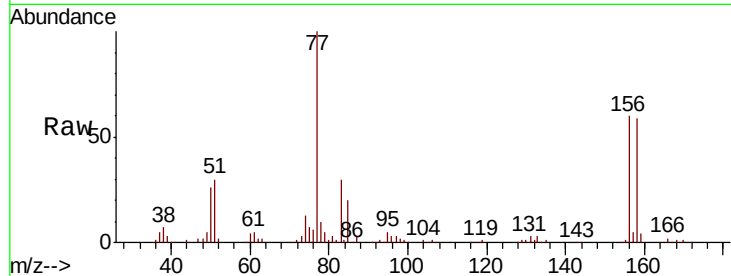
158 99.9 48.6 145.9

Manual Integrations

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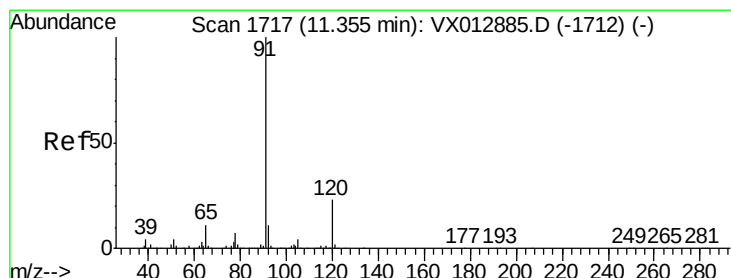
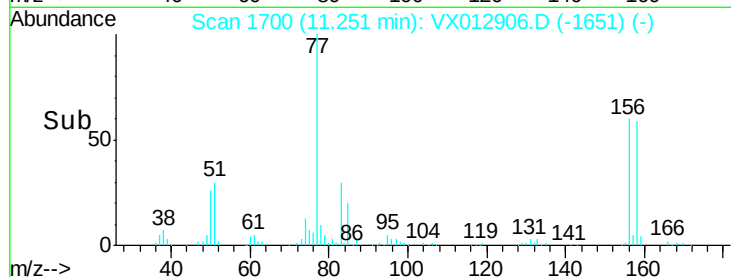
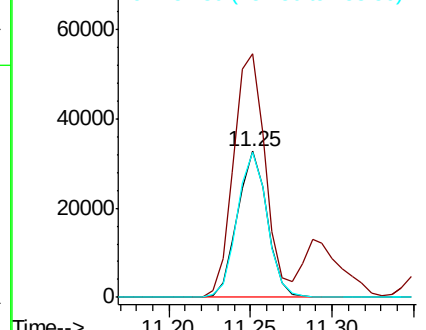
10/9/2019 10:39:10 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.472 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012906.D

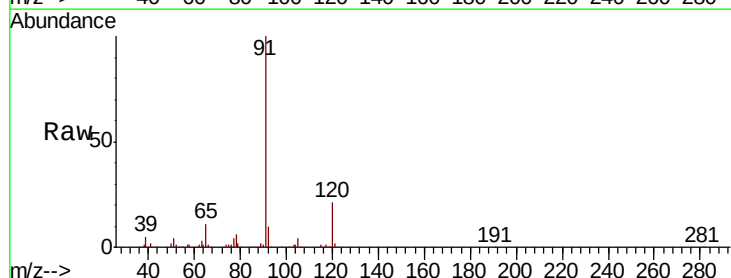
Acq: 08 Oct 2019 22:29

Tgt Ion: 91 Resp: 203544

Ion Ratio Lower Upper

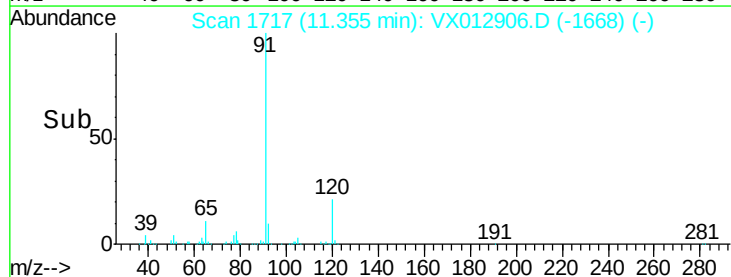
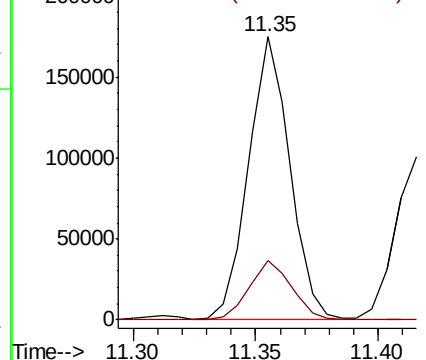
91 100

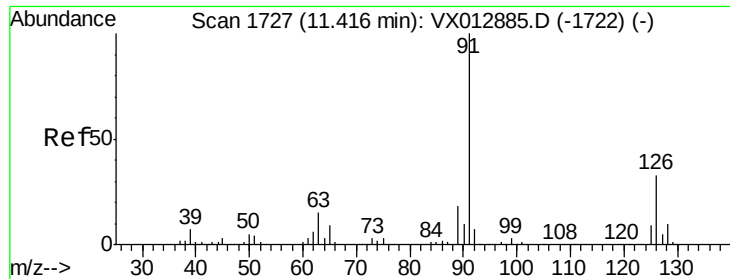
120 21.9 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





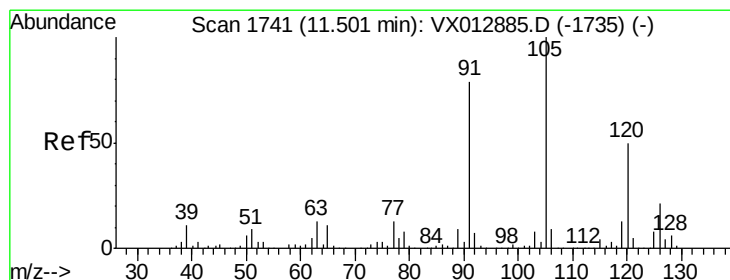
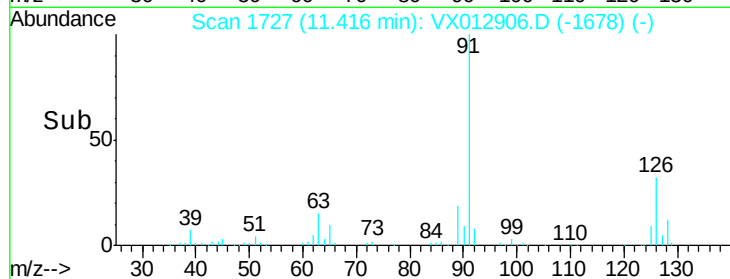
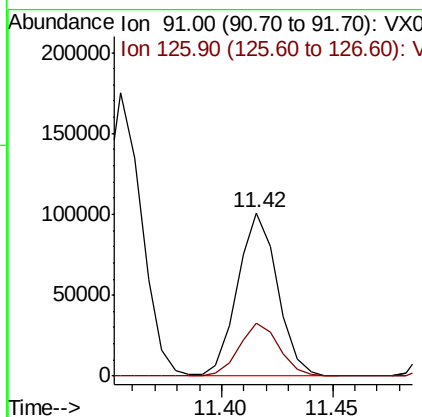
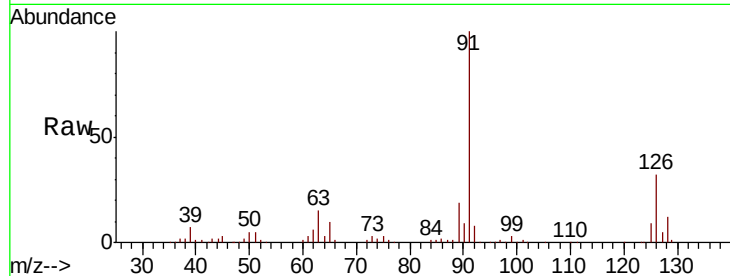
#79
 2-Chlorotoluene
 Concen: 20.092 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012906.D
 Acq: 08 Oct 2019 22:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1008WBS02

Tot Ion: 91 Resp: 125550
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.3 48.8

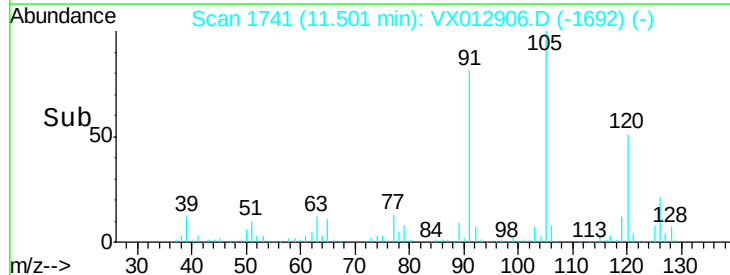
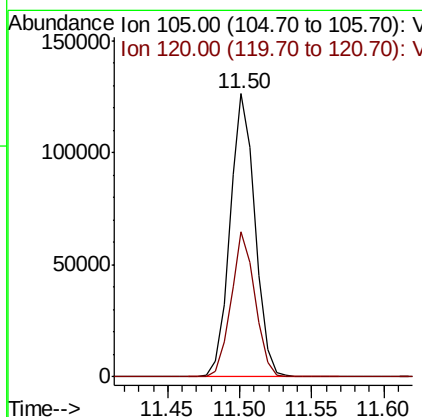
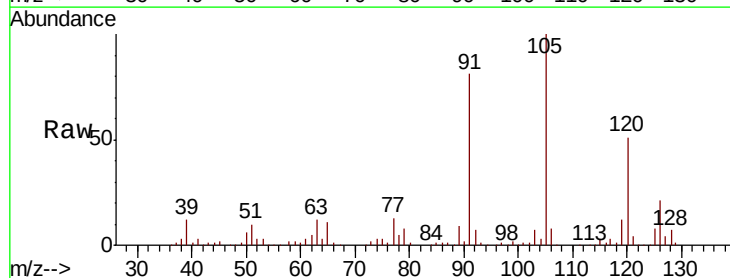
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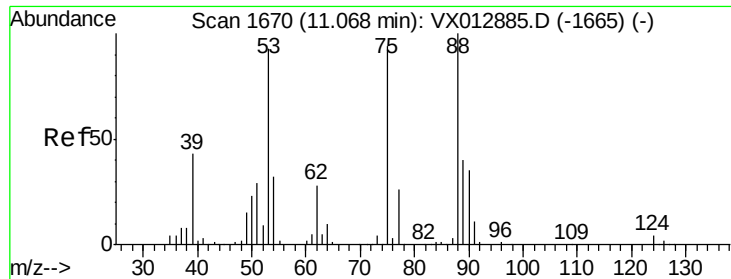
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.388 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012906.D
 Acq: 08 Oct 2019 22:29

Tgt Ion: 105 Resp: 153824
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 17.807 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012906.D

Acq: 08 Oct 2019 22:29

Instrument :

MSVOA_X

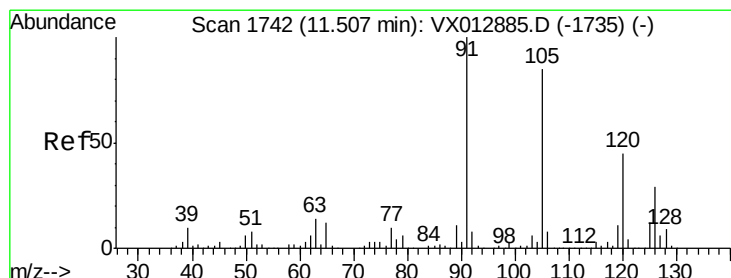
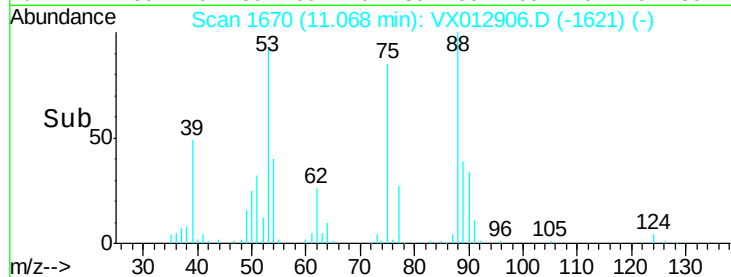
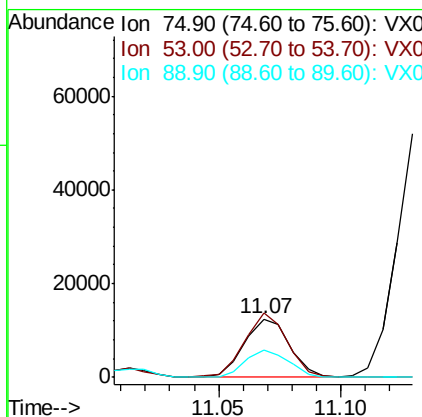
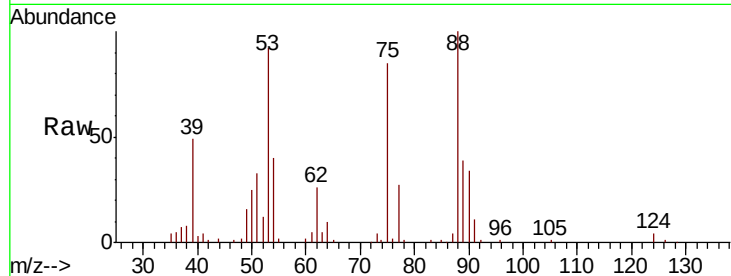
ClientSampleId :

VX1008WBS02

Tot Ion:	75	Resp:	15841
Ion Ratio	Lower	Upper	
75	100		
53	104.7	78.5	117.7
89	45.8	37.4	56.2

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#82

4-Chlorotoluene

Concen: 20.512 ug/l

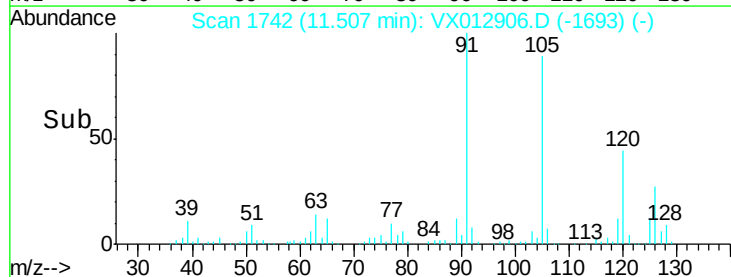
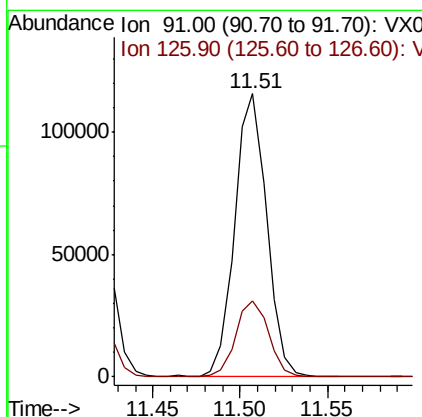
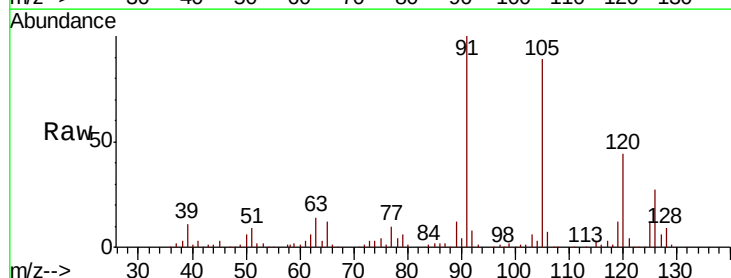
RT: 11.51 min Scan# 1742

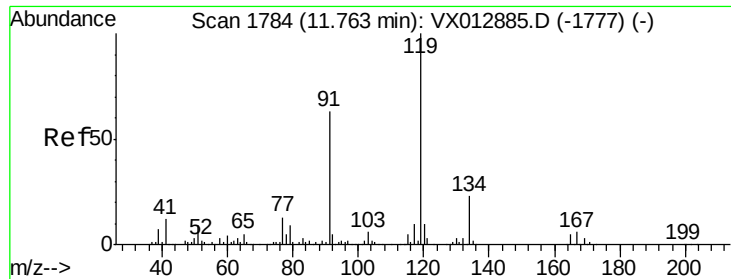
Delta R.T. 0.00 min

Lab File: VX012906.D

Acq: 08 Oct 2019 22:29

Tgt Ion:	91	Resp:	146907
Ion Ratio	Lower	Upper	
91	100		
126	27.9	14.2	42.6





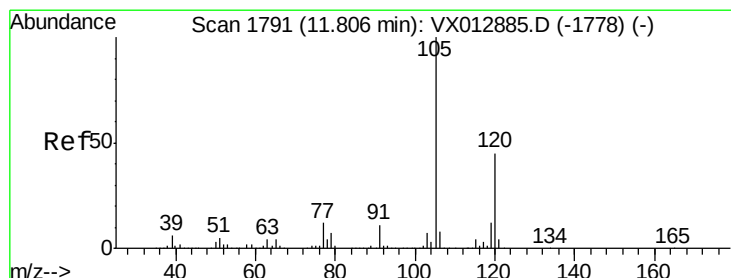
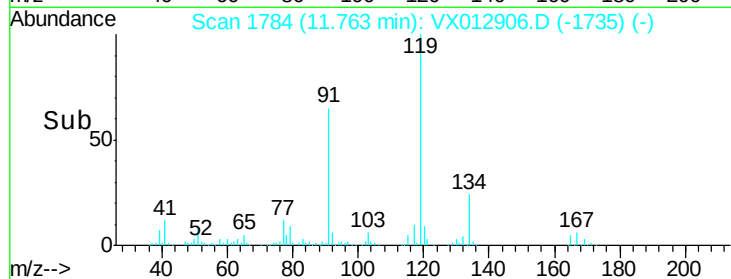
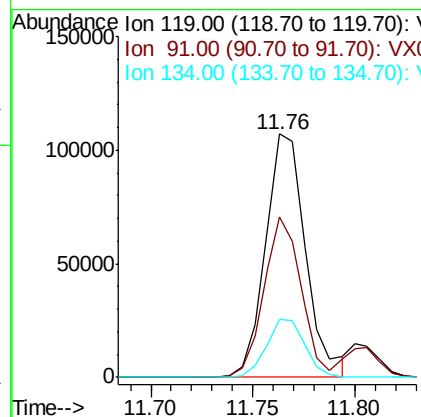
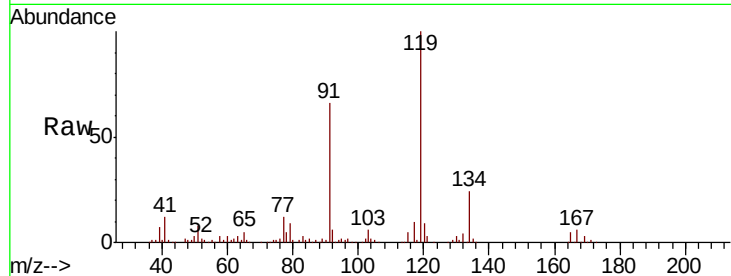
#83
 tert-Butylbenzene
 Concen: 19.993 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX012906.D
 Acq: 08 Oct 2019 22:29

Instrument :
 MSVOA_X
 ClientSampled :
 VX1008WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	147146		
91	60.8	29.3	87.9	
134	23.0	11.5	34.4	

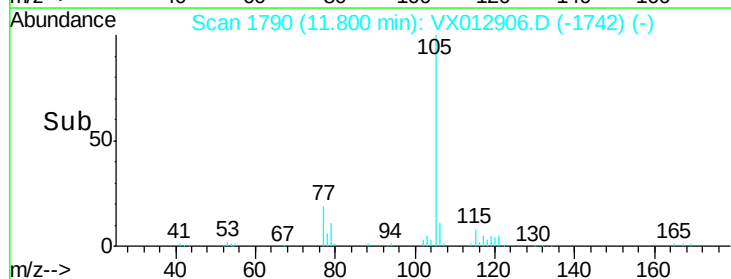
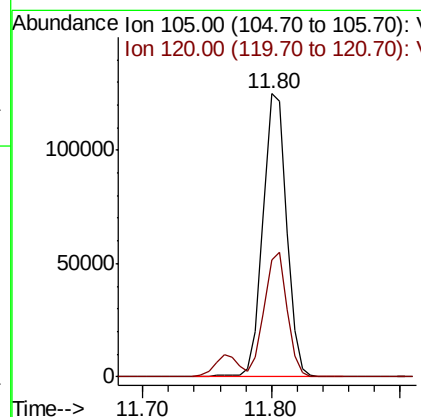
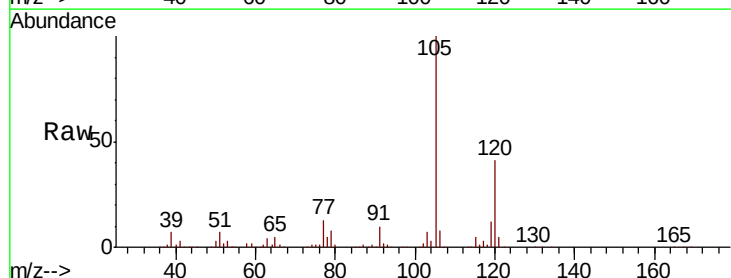
Manual Integrations
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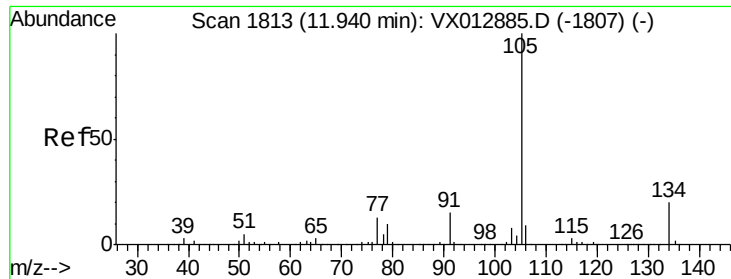
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.736 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012906.D
 Acq: 08 Oct 2019 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	158446		
120	42.6	21.8	65.3	





#85

sec-Butylbenzene

Concen: 20.528 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012906.D

Acq: 08 Oct 2019 22:29

Instrument :

MSVOA_X

ClientSampled :

VX1008WBS02

Tot Ion:105 Resp: 175040

Ion Ratio Lower Upper

105 100

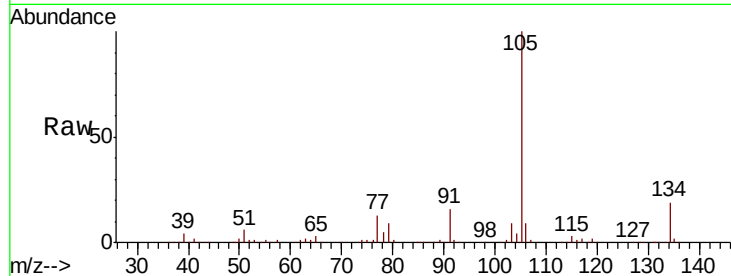
134 19.5 10.0 30.0

Manual Integrations

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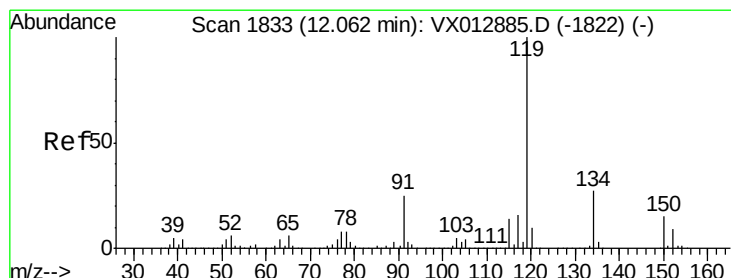
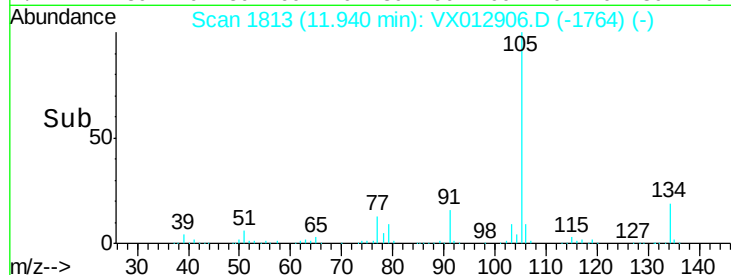
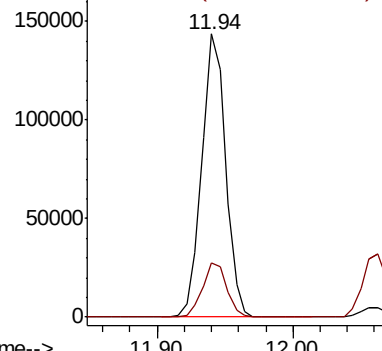
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.031 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012906.D

Acq: 08 Oct 2019 22:29

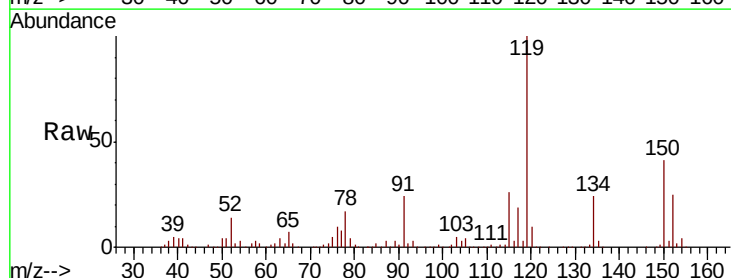
Tgt Ion:119 Resp: 158408

Ion Ratio Lower Upper

119 100

134 25.1 12.6 37.8

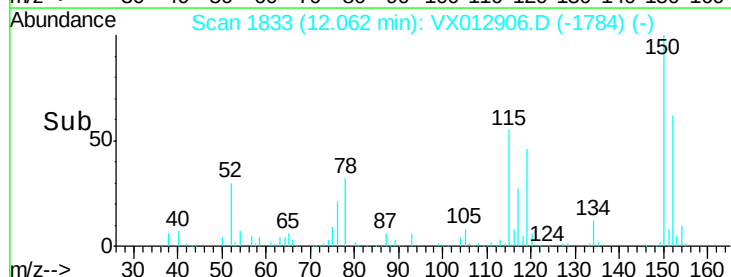
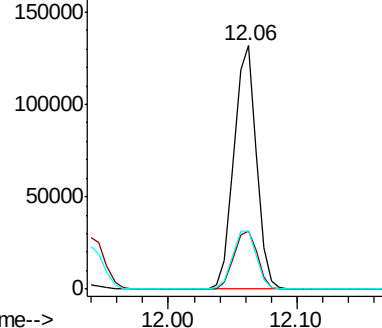
91 25.5 12.4 37.4

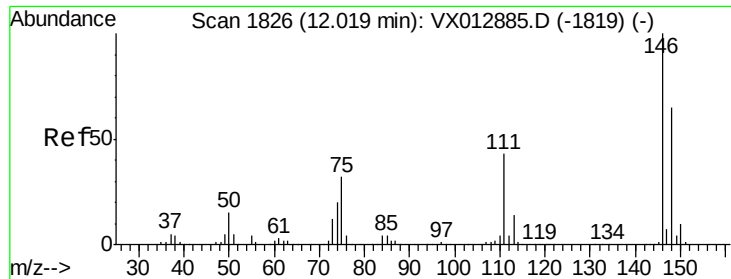


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 19.511 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX012906.D

Acq: 08 Oct 2019 22:29

Instrument :

MSVOA_X

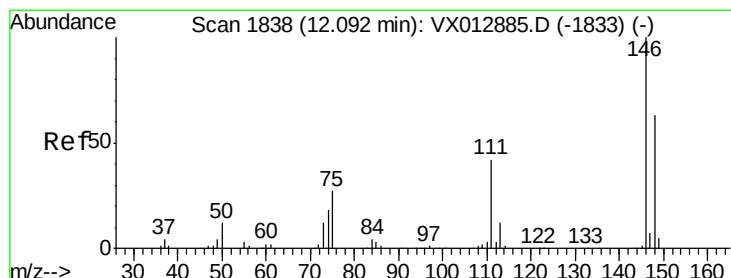
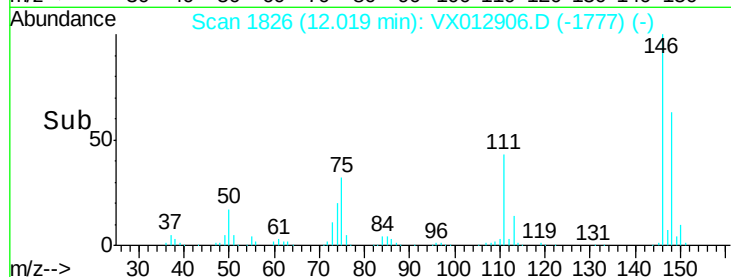
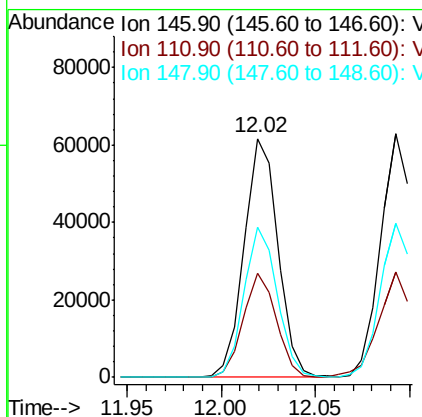
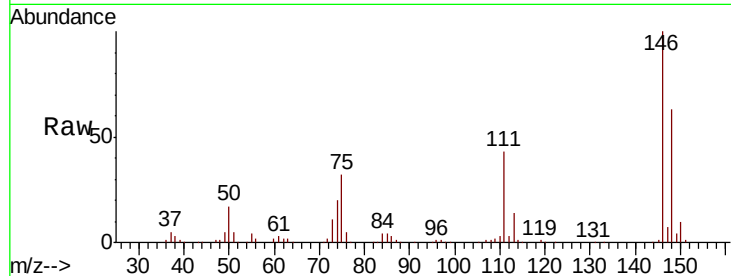
ClientSampleId :

VX1008WBS02

Tot Ion:	146	Resp:	77146
Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.1	63.4
148	62.2	31.6	95.0

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#88

1,4-Dichlorobenzene

Concen: 19.079 ug/l

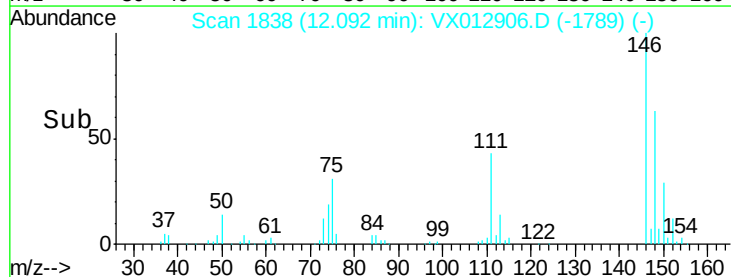
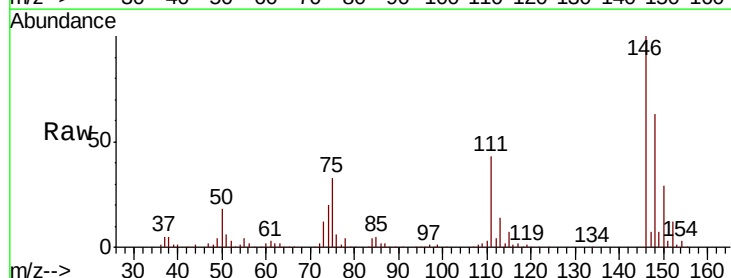
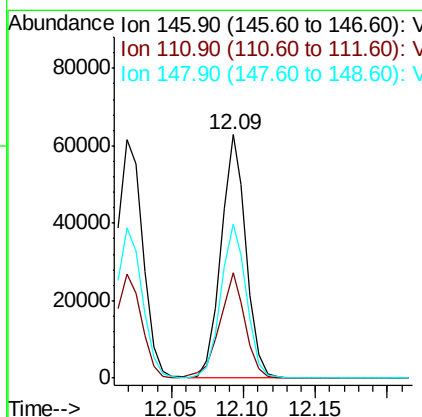
RT: 12.09 min Scan# 1838

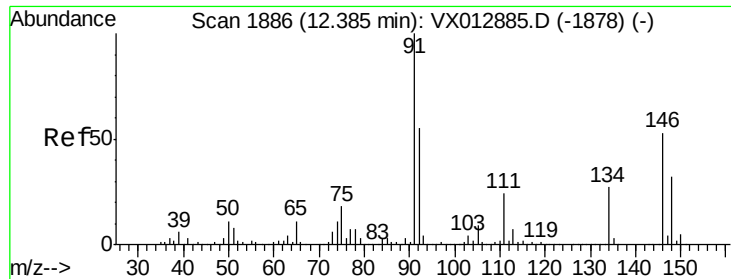
Delta R.T. 0.00 min

Lab File: VX012906.D

Acq: 08 Oct 2019 22:29

Tgt Ion:	146	Resp:	76402
Ion	Ratio	Lower	Upper
146	100		
111	44.4	21.4	64.3
148	64.8	32.1	96.5





#89

n-Butylbenzene

Concen: 19.747 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012906.D

Acq: 08 Oct 2019 22:29

Instrument :

MSVOA_X

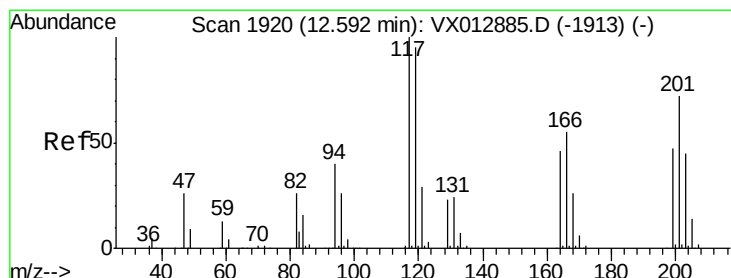
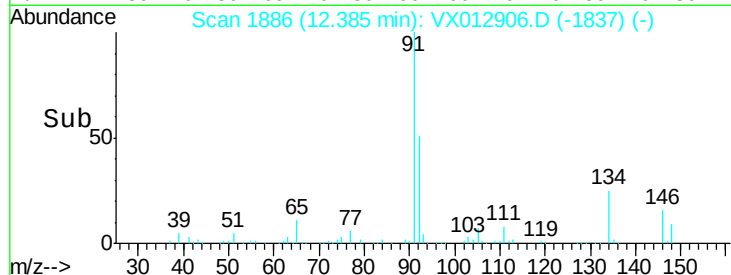
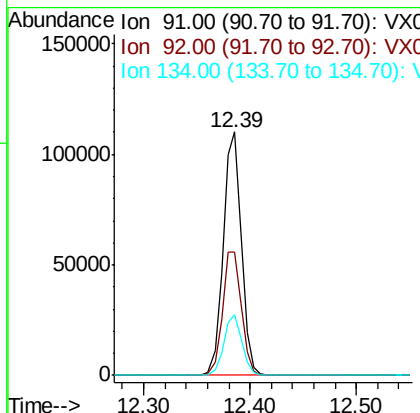
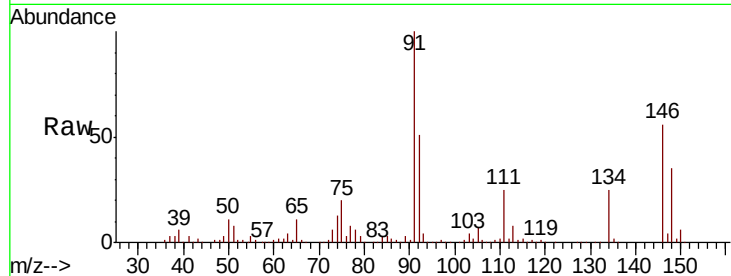
ClientSampleId :

VX1008WBS02

Tot Ion:	91	Resp:	131249
Ion Ratio	Lower	Upper	
91	100		
92	52.9	27.5	82.5
134	24.7	12.9	38.7

Manual Integrations
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#90

Hexachloroethane

Concen: 18.593 ug/l

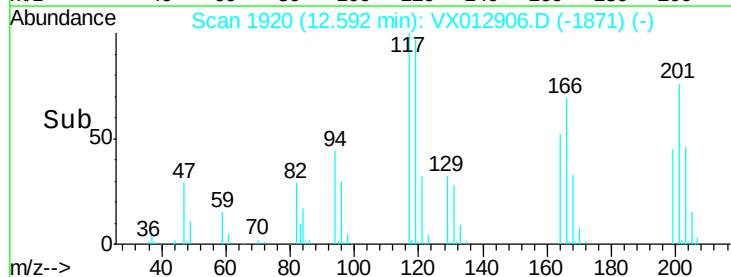
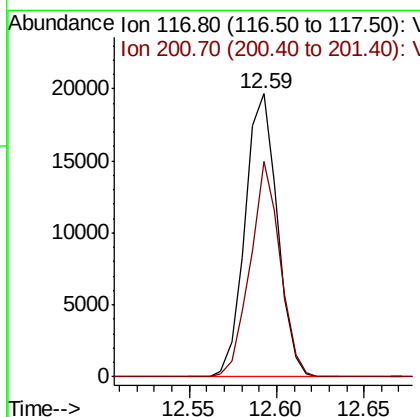
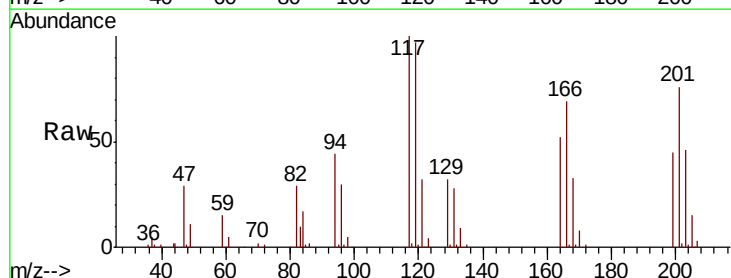
RT: 12.59 min Scan# 1920

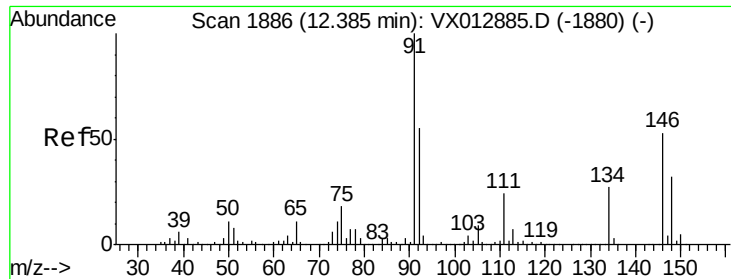
Delta R.T. 0.00 min

Lab File: VX012906.D

Acq: 08 Oct 2019 22:29

Tgt Ion:	117	Resp:	25198
Ion Ratio	Lower	Upper	
117	100		
201	70.8	36.9	110.7





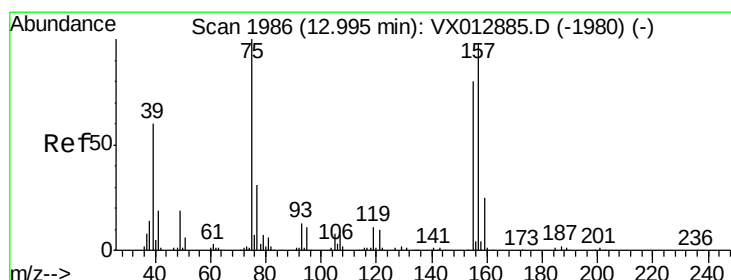
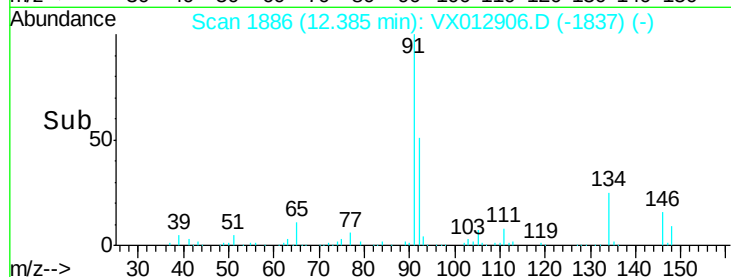
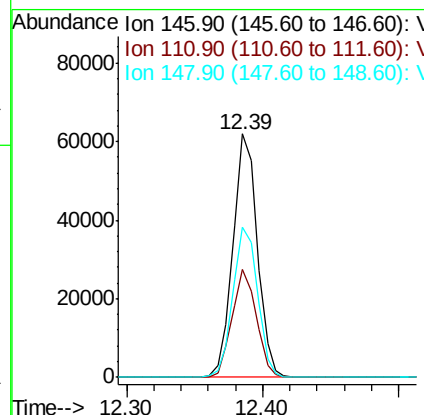
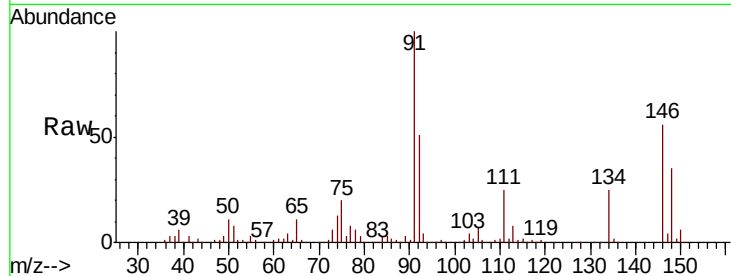
#91
 1,2-Dichlorobenzene
 Concen: 19.903 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012906.D
 Acq: 08 Oct 2019 22:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1008WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.1	22.7	68.0
148	62.9	31.6	94.7

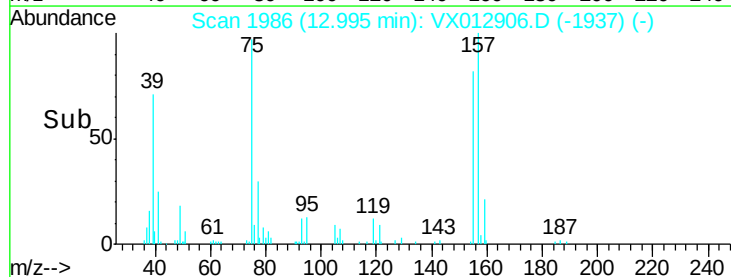
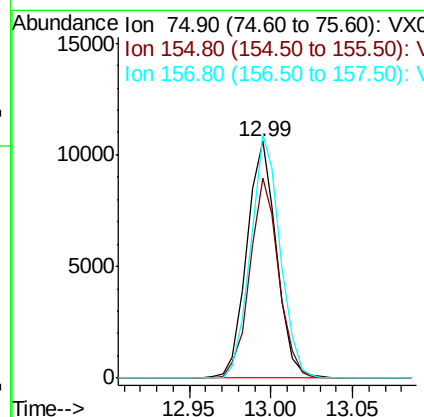
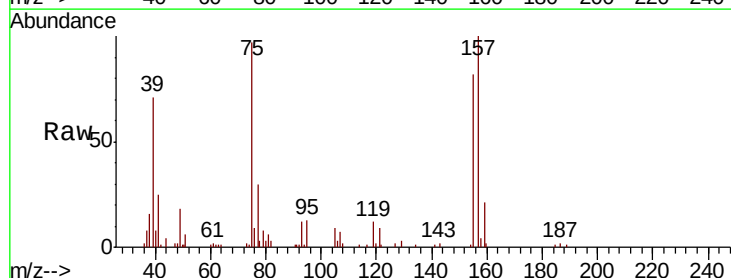
Manual Integrations
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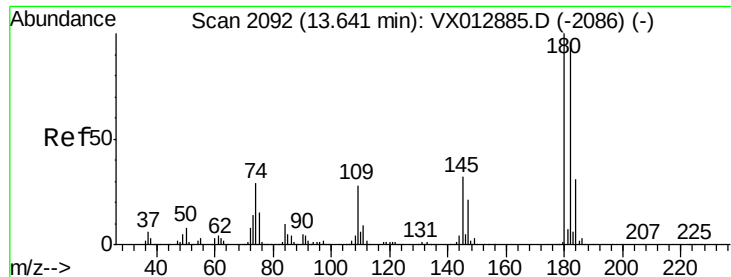
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.082 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012906.D
 Acq: 08 Oct 2019 22:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.8	43.0	128.8
157	101.9	54.1	162.3





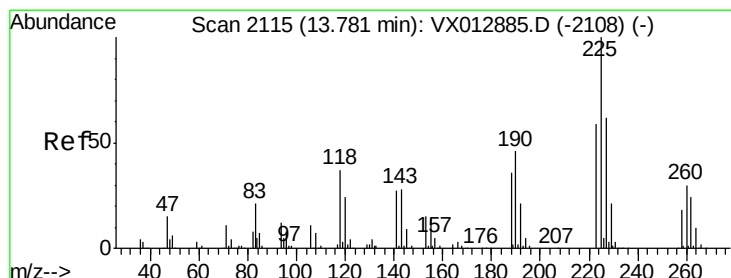
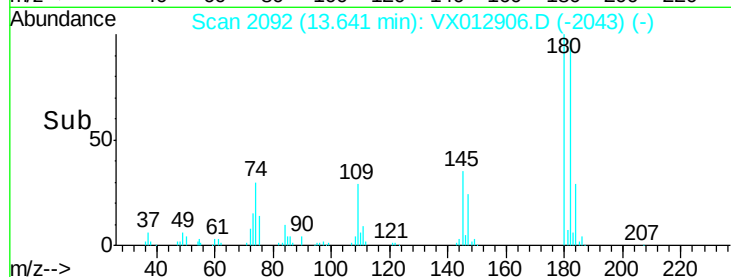
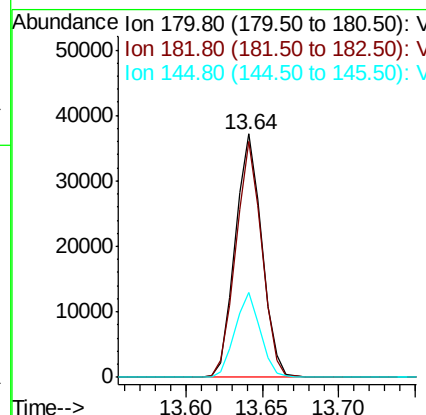
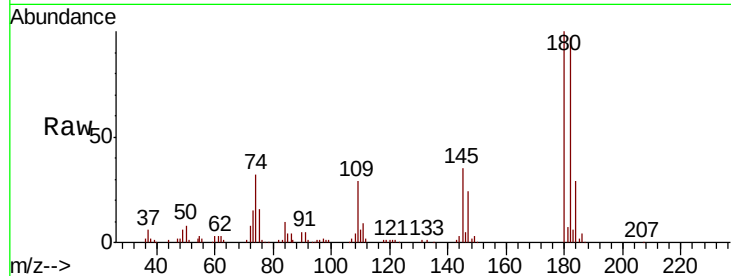
#93
 1,2,4-Trichlorobenzene
 Concen: 18.423 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012906.D
 Acq: 08 Oct 2019 22:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1008WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	46.8	140.4
145	33.1	16.2	48.6

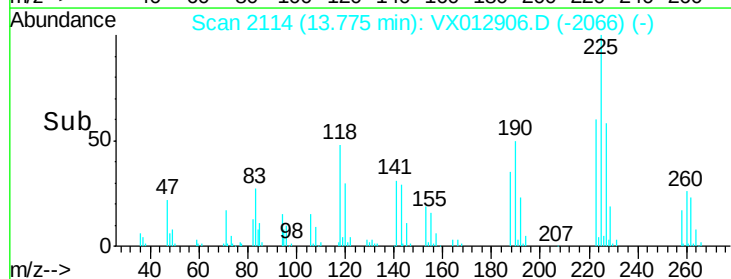
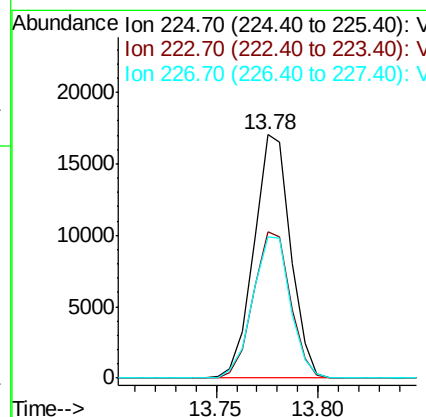
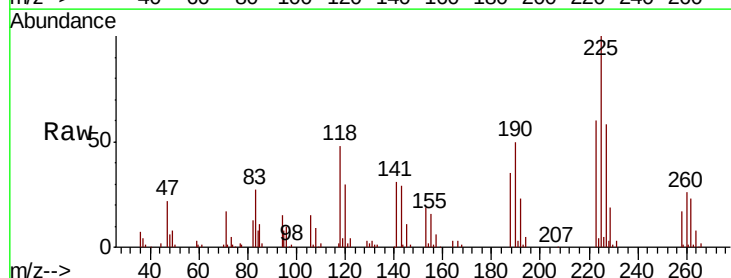
Manual Integrations
 APPROVED

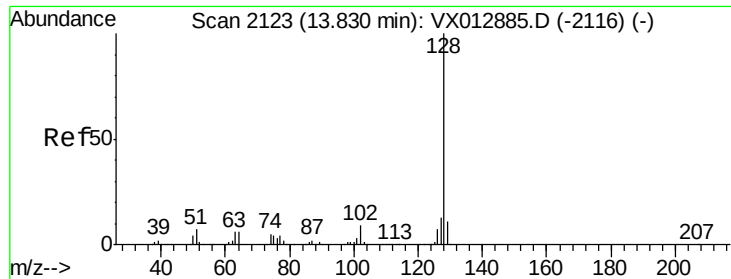
MMDadoda
 10/9/2019 10:39:10 AM



#94
 Hexachlorobutadiene
 Concen: 19.018 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012906.D
 Acq: 08 Oct 2019 22:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.7	31.1	93.2
227	59.9	32.3	96.9





#95

Naphthalene

Concen: 19.448 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012906.D

Acq: 08 Oct 2019 22:29

Instrument :

MSVOA_X

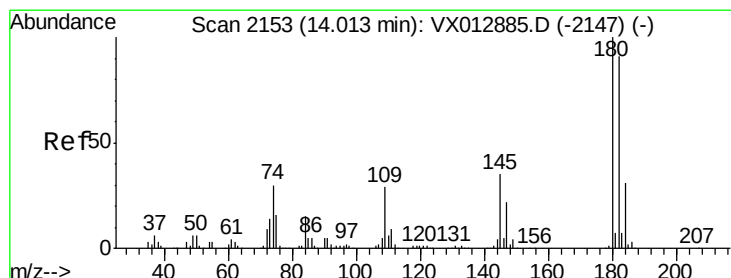
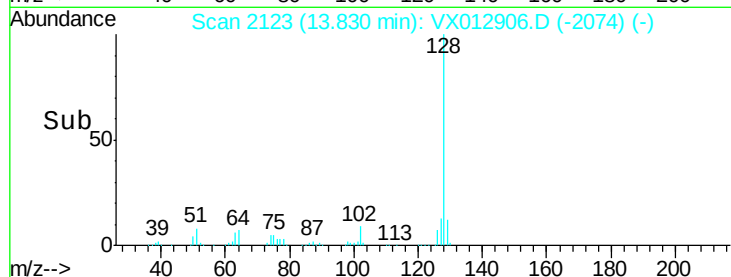
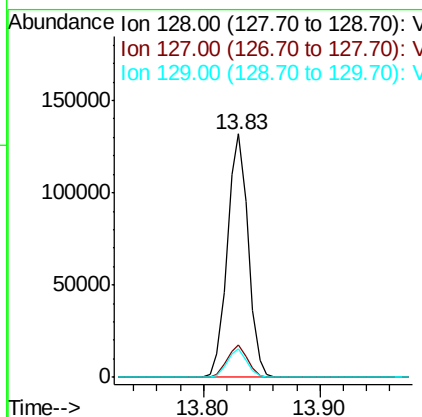
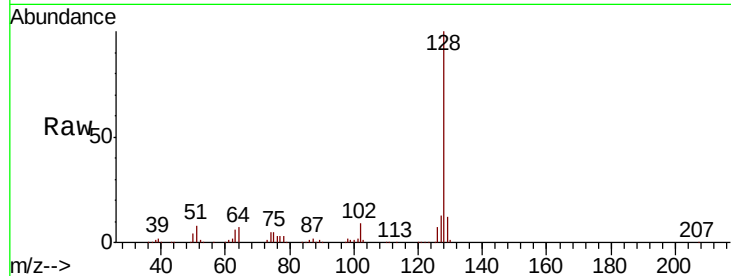
ClientSampleId :

VX1008WBS02

Tot Ion:	128	Resp:	163701
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.4
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
10/9/2019 10:39:10 AM



#96

1,2,3-Trichlorobenzene

Concen: 18.462 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX012906.D

Acq: 08 Oct 2019 22:29

Tgt Ion:	180	Resp:	46327
Ion Ratio	Lower	Upper	
180	100		
182	94.5	47.5	142.5
145	35.0	17.4	52.3

