

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102119\
 Data File : VX013148.D
 Acq On : 21 Oct 2019 11:43
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

MMDadoda
 10/22/2019 12:30:02 PM

Quant Time: Oct 22 01:45:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 22 01:38:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	29372	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	165714	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	149182	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	67237	29.70	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.00%
60) 4-Bromofluorobenzene	11.13	95	76931	29.47	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.23%
63) Toluene-d8	8.71	98	201928	29.79	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.30%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	43132	21.369	ug/l 96
3) Chloromethane	1.32	50	36646	18.973	ug/l 96
4) Vinyl Chloride	1.40	62	37635	19.287	ug/l 95
5) Bromomethane	1.63	94	24192	26.100	ug/l 100
6) Chloroethane	1.72	64	25106	21.059	ug/l 99
7) Trichlorofluoromethane	1.92	101	63366	21.785	ug/l 99
8) Diethyl Ether	2.18	74	21535	20.599	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	40033	22.055	ug/l 95
10) 1,1-Dichloroethene	2.36	96	36540	20.478	ug/l 96
11) Methyl Iodide	2.50	142	45852	20.695	ug/l 99
12) Methyl Acetate	2.76	43	46870	18.946	ug/l 95
13) Acrolein	2.28	56	21221	58.673	ug/l 95
14) Acrylonitrile	3.12	53	99072	96.064	ug/l 98
15) Acetone	2.43	58	35303	100.340	ug/l 96
16) Carbon Disulfide	2.56	76	93916	19.502	ug/l 99
17) Allyl chloride	2.72	41	57887	19.330	ug/l 96
18) Methylene Chloride	2.85	84	43444	21.417	ug/l 96
19) trans-1,2-Dichloroethene	3.15	96	38819	20.389	ug/l 94
20) Diisopropyl ether	3.84	45	115272	20.118	ug/l 95
21) 1,1-Dichloroethane	3.69	63	68755	20.605	ug/l 98
22) cis-1,2-Dichloroethene	4.58	96	44148	20.090	ug/l 98
23) tert-Butyl Alcohol	3.02	59	49059	93.396	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	126725	20.888	ug/l 98
25) Chloroform	5.20	83	72805	21.039	ug/l 99
26) Cyclohexane	5.56	56	60858	20.217	ug/l # 100
29) 1,1-Dichloropropene	5.79	75	53687	20.960	ug/l # 87
30) 2-Butanone	4.65	43	143119	97.733	ug/l 97
31) 2,2-Dichloropropane	4.57	77	64171	22.281	ug/l 98
32) 1,1,1-Trichloroethane	5.48	97	65927	21.953	ug/l 99
33) Carbon Tetrachloride	5.78	117	56758	22.036	ug/l 94
34) Benzene	6.13	78	157574	20.963	ug/l 97
35) Methacrylonitrile	5.03	41	28394	19.578	ug/l 97
36) 1,2-Dichloroethane	6.18	62	59173	21.548	ug/l 100
37) Trichloroethene	7.20	130	44176	21.796	ug/l 99
38) Methylcyclohexane	7.45	83	66815	21.444	ug/l 100
39) 1,2-Dichloropropane	7.50	63	38964	20.791	ug/l 97
40) Dibromomethane	7.65	93	27951	21.571	ug/l 99

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Manual Integrations
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Quant Time: Oct 22 01:45:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 22 01:38:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	56486	21.965	ug/l	96
42) Vinyl Acetate	3.80	43	496422	102.100	ug/l	99
43) Ethyl Acetate	4.82	43	52247	19.657	ug/l	100
44) Isopropyl Acetate	6.43	43	85819	19.966	ug/l	99
45) 1,4-Dioxane	7.73	88	22279	414.476	ug/l	95
46) Methyl methacrylate	7.76	41	41362	19.526	ug/l	96
47) n-amyl Acetate	10.89	43	71198	19.438	ug/l	99
48) t-1,3-Dichloropropene	9.03	75	59802	21.040	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	65679	21.026	ug/l	97
50) 1,1,2-Trichloroethane	9.21	97	40953	21.067	ug/l	93
51) Ethyl methacrylate	9.17	69	62695	20.535	ug/l	97
52) 1,3-Dichloropropane	9.36	76	69488	21.358	ug/l	98
53) Dibromochloromethane	9.57	129	43244	21.524	ug/l	99
54) 1,2-Dibromoethane	9.67	107	43143	21.118	ug/l	99
55) 2-Chloroethyl vinyl ether	8.30	63	91452	69.624	ug/l	99
56) Bromoform	10.85	173	29727	21.208	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	263608	98.050	ug/l	99
59) 2-Hexanone	9.48	43	204347	97.591	ug/l	99
61) Tetrachloroethene	9.33	164	45001	23.498	ug/l	99
62) Toluene	8.78	91	173864	21.437	ug/l	100
64) Chlorobenzene	10.13	112	107764	20.893	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.21	131	41113	21.572	ug/l	99
66) Ethyl Benzene	10.25	91	197831	21.306	ug/l	97
67) m/p-Xylenes	10.35	106	151057	43.158	ug/l	100
68) o-Xylene	10.70	106	70904	21.014	ug/l	97
69) Styrene	10.71	104	121596	20.753	ug/l	98
70) Isopropylbenzene	11.01	105	198612	21.738	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	60175	20.609	ug/l	95
72) 1,2,3-Trichloropropane	11.29	75	49174m	19.447	ug/l	
73) Bromobenzene	11.25	156	46551	21.412	ug/l	100
74) n-propylbenzene	11.35	91	219706	21.689	ug/l	100
75) 2-Chlorotoluene	11.42	91	130019	20.725	ug/l	98
76) 1,3,5-Trimethylbenzene	11.50	105	159772	20.690	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	19326	20.167	ug/l	96
78) 4-Chlorotoluene	11.51	91	147937	20.544	ug/l	99
79) tert-butylbenzene	11.76	119	154876	21.336	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	166063	21.623	ug/l	99
81) sec-Butylbenzene	11.94	105	179774	20.415	ug/l	99
82) p-Isopropyltoluene	12.06	119	172022	21.384	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	82407	20.998	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	82903	20.930	ug/l	98
85) n-Butylbenzene	12.39	91	139657	20.447	ug/l	97
86) Hexachloroethane	12.59	117	28975	20.837	ug/l	96
87) 1,2-Dichlorobenzene	12.39	146	80478	20.653	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	12.99	75	13526	19.596	ug/l	92
89) 1,2,4-Trichlorobenzene	13.64	180	50991	21.093	ug/l	98
90) Hexachlorobutadiene	13.77	225	26076	22.431	ug/l	98
91) Naphthalene	13.83	128	158273	19.398	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	50319	20.643	ug/l	99

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Instrument :
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ClientSampleId :
VSTDCCC020

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Oct 22 01:38:23 2019
Response via : Initial Calibration

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

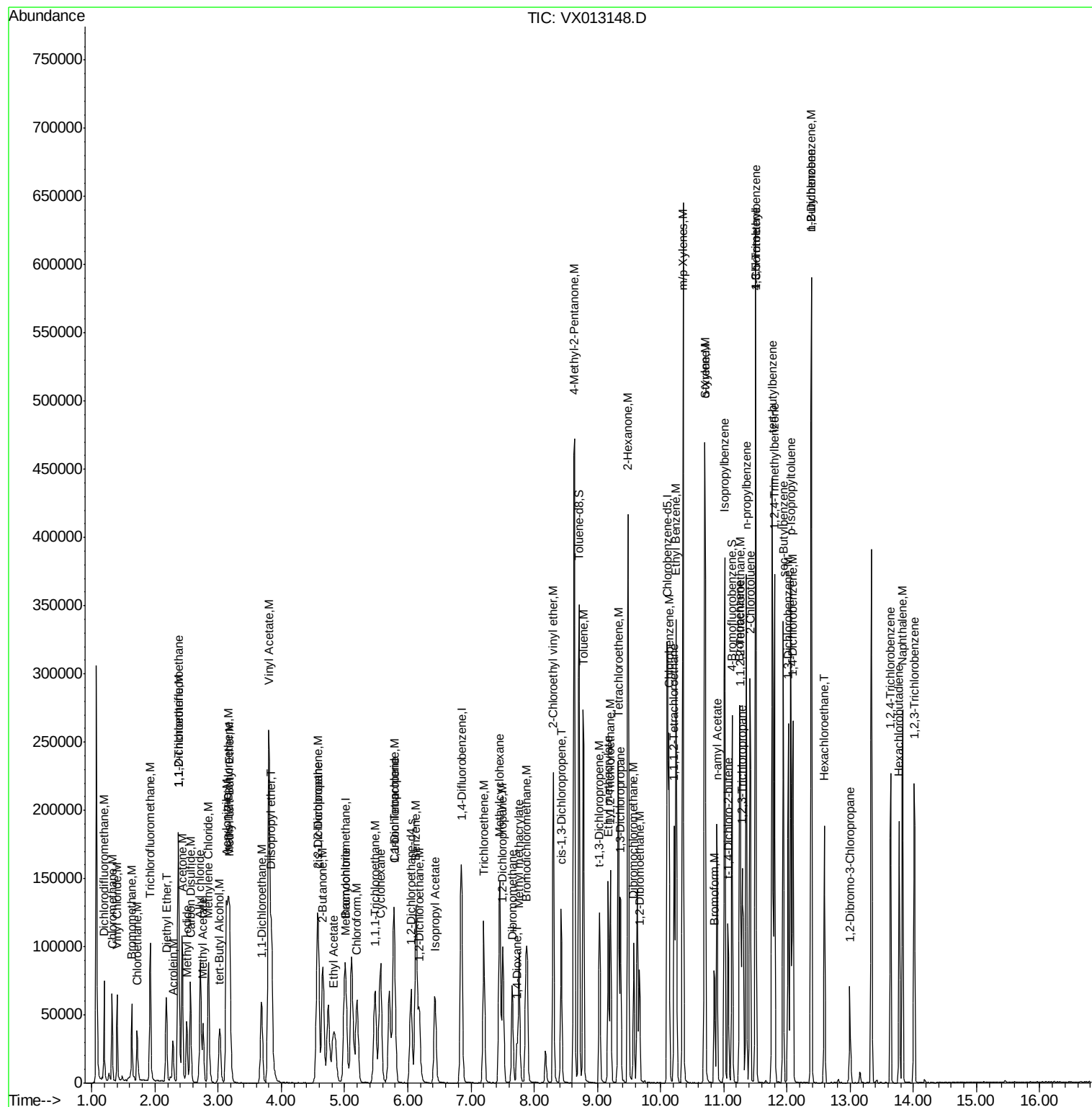
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 Data File : VX013148.D
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 Operator : JC/SP
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 Misc : 5.0mL/MSVOA X/WATER
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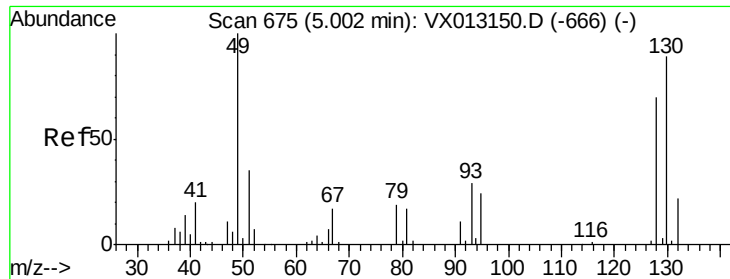
Instrument :
 MSVOA_X
 Client Sample ID :
 VSTDCCC020

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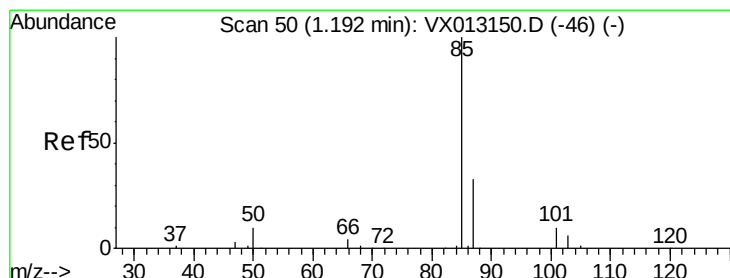
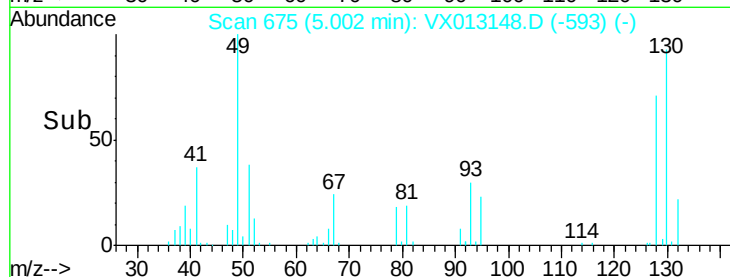
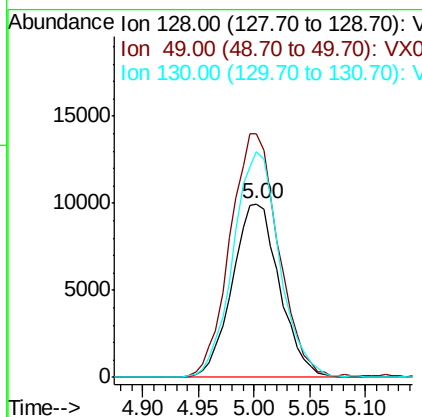
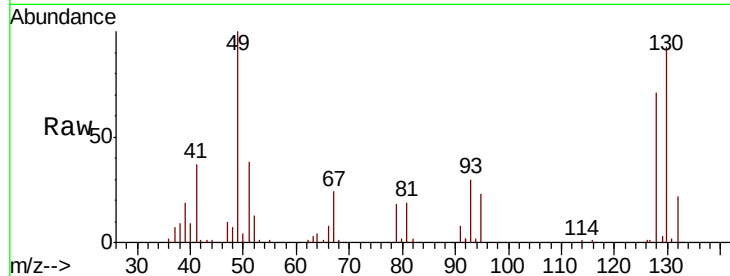
#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: VX013148.D
 Acq: 21 Oct 2019 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
128	100		
49	143.9	0.0	367.3
130	127.7	0.0	325.0

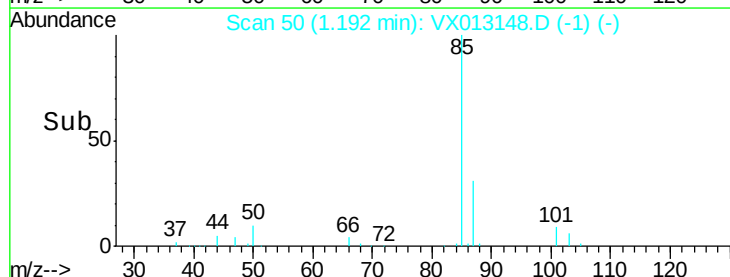
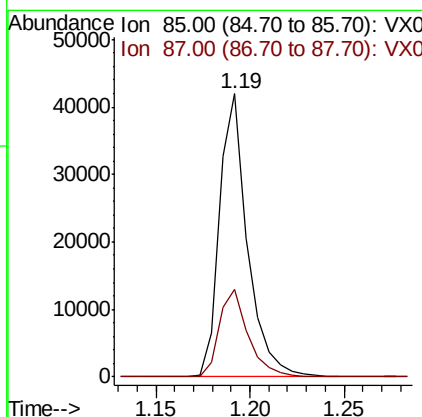
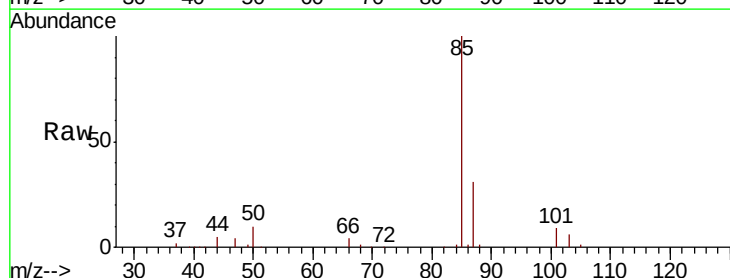
Manual Integrations
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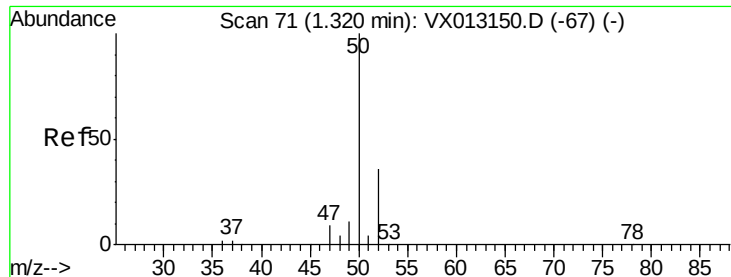
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#2
 Dichlorodifluoromethane
 Concen: 21.369 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. -0.00 min
 Lab File: VX013148.D
 Acq: 21 Oct 2019 11:43

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.1	16.6	49.7





#3

Chloromethane

Concen: 18.973 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013148.D

Acq: 21 Oct 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 50 Resp: 36646

Ion Ratio Lower Upper

50 100

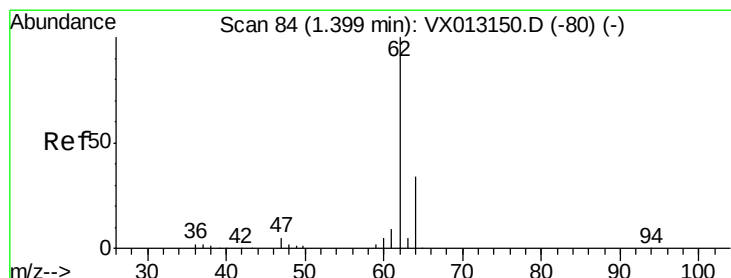
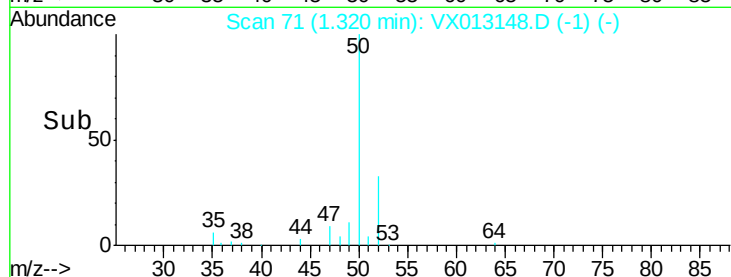
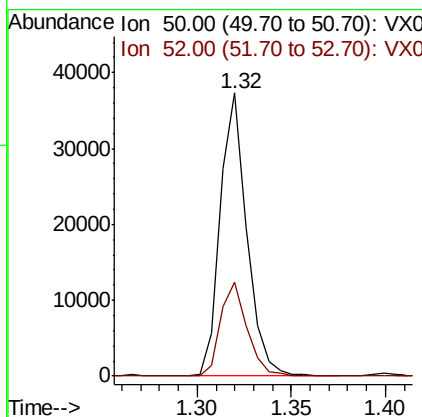
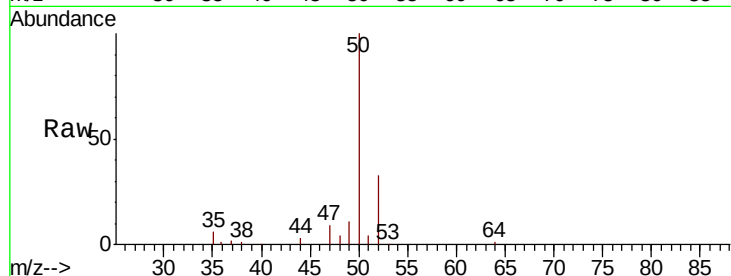
52 33.4 28.6 42.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.287 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013148.D

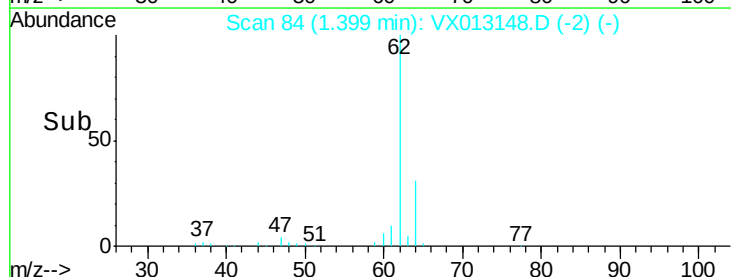
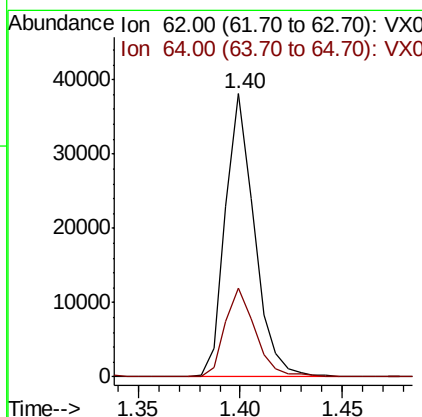
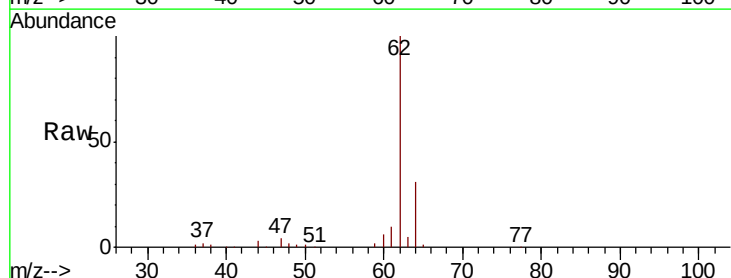
Acq: 21 Oct 2019 11:43

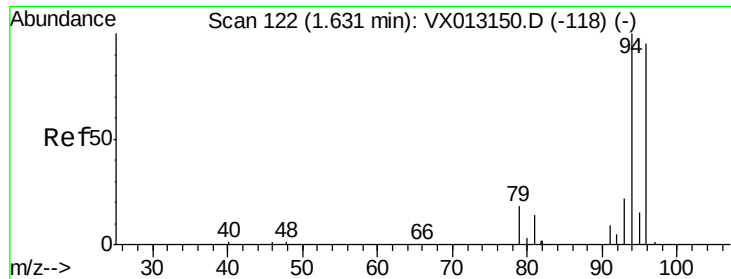
Tgt Ion: 62 Resp: 37635

Ion Ratio Lower Upper

62 100

64 31.3 27.3 40.9





#5

Bromomethane

Concen: 26.100 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013148.D

Acq: 21 Oct 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 94 Resp: 24192

Ion Ratio Lower Upper

94 100

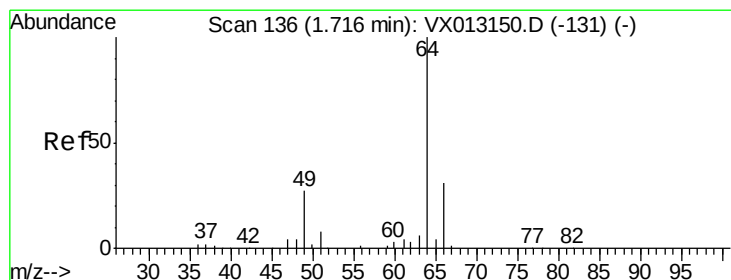
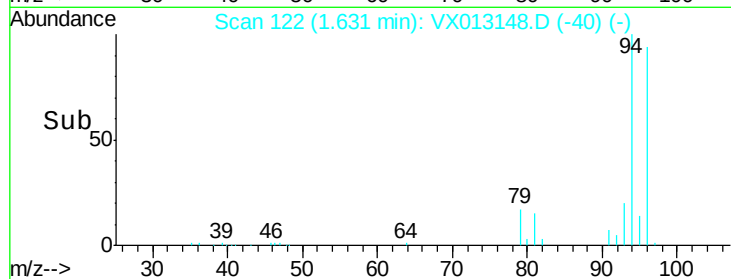
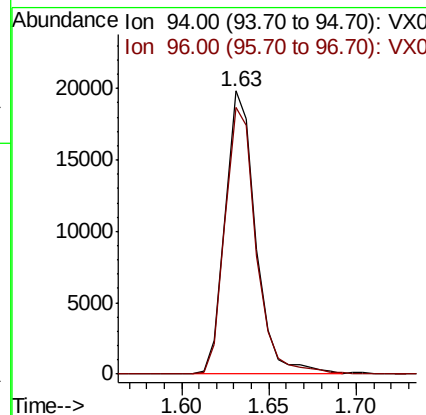
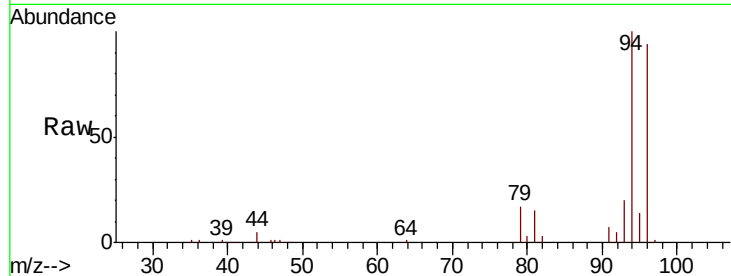
96 94.6 75.9 113.9

Manual Integrations

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#6

Chloroethane

Concen: 21.059 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX013148.D

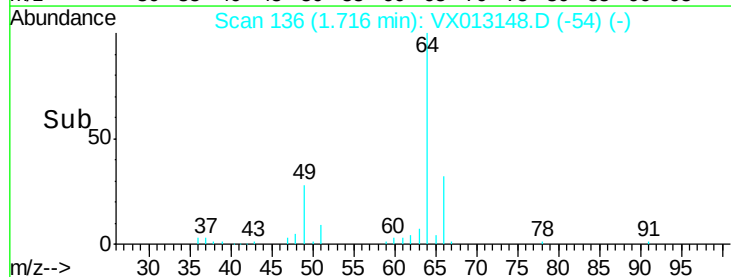
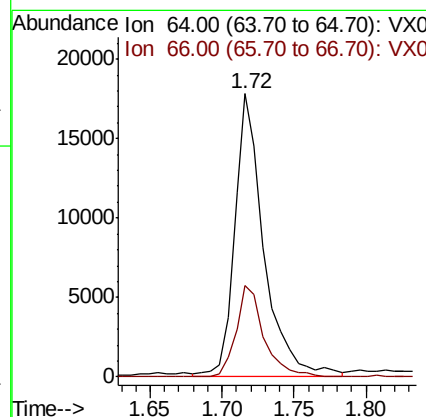
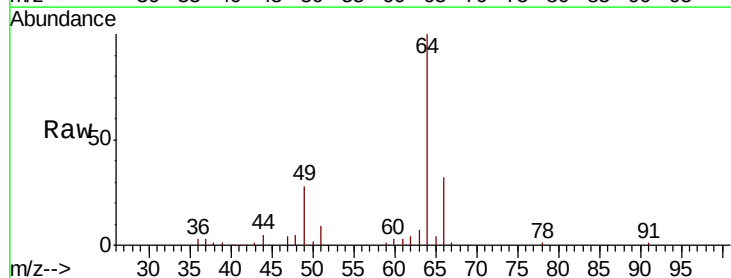
Acq: 21 Oct 2019 11:43

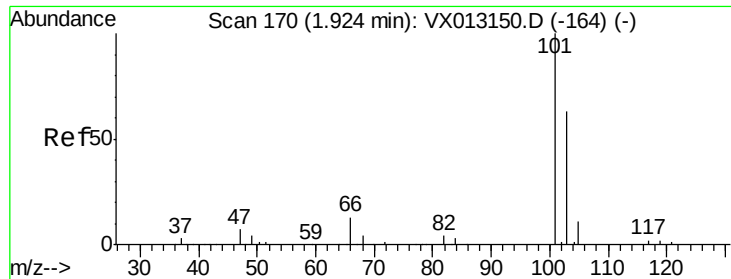
Tgt Ion: 64 Resp: 25106

Ion Ratio Lower Upper

64 100

66 32.5 25.4 38.2





#7

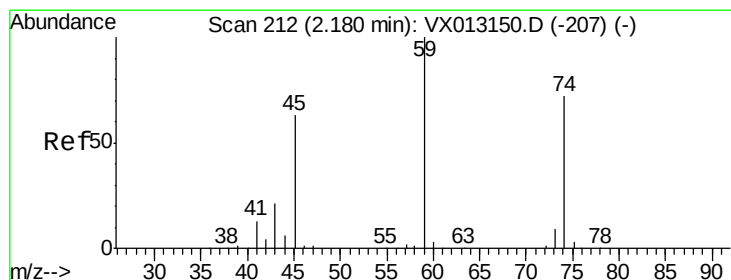
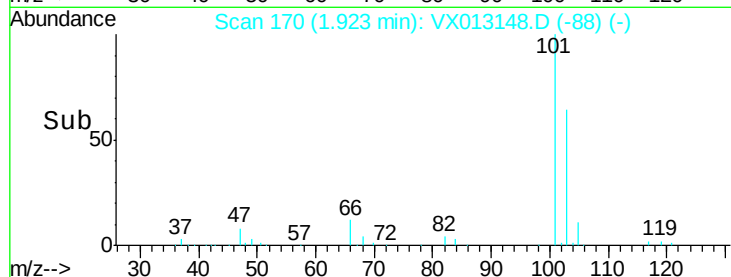
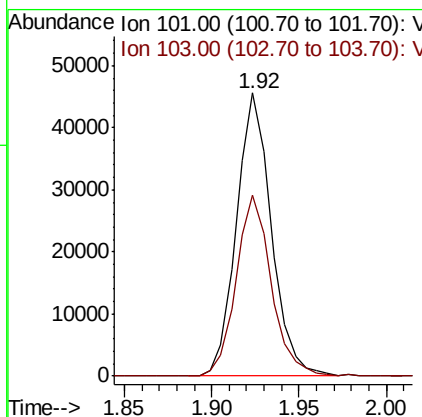
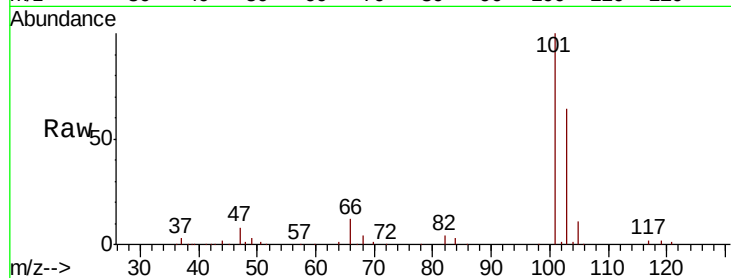
Trichlorofluoromethane
Concen: 21.785 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX013148.D
Acq: 21 Oct 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	50.2	75.4

Manual Integrations
APPROVED

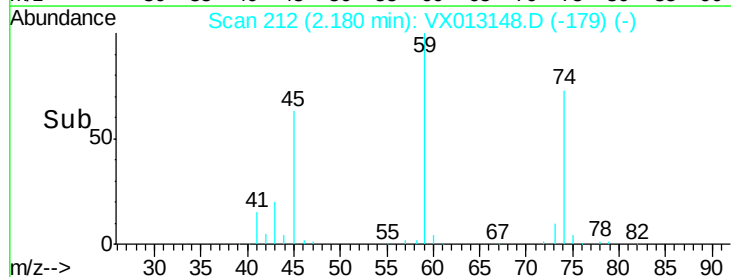
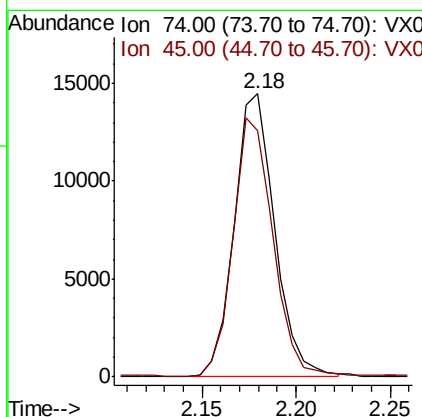
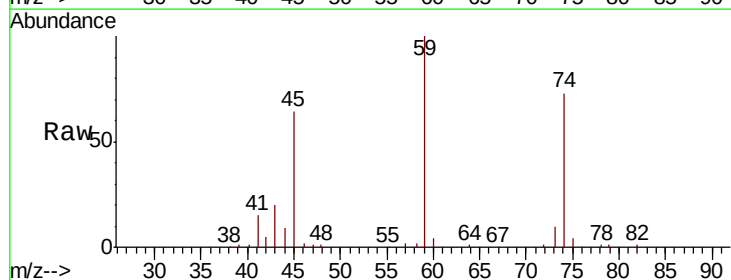
MMDadoda
10/22/2019 12:30:02 PM

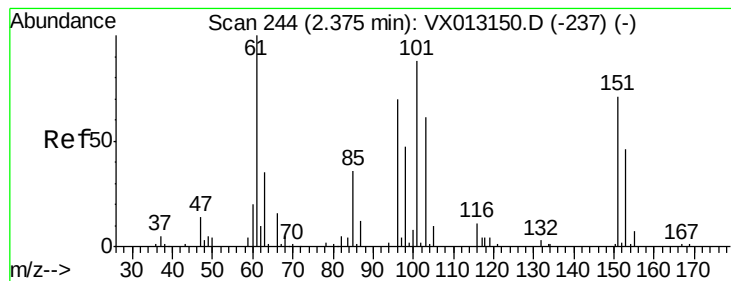


#8

Diethyl Ether
Concen: 20.599 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013148.D
Acq: 21 Oct 2019 11:43

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.6	18.4	165.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.055 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013148.D

Acq: 21 Oct 2019 11:43

Instrument :

MSVOA_X

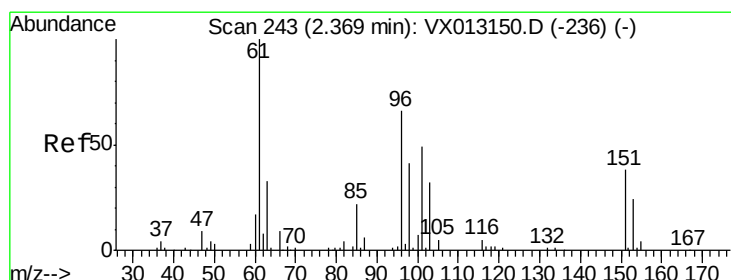
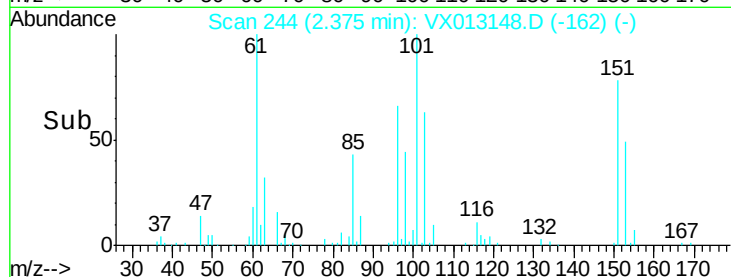
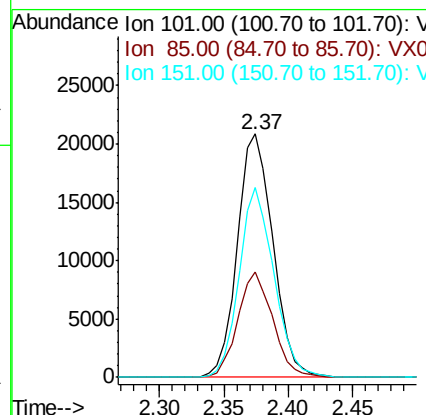
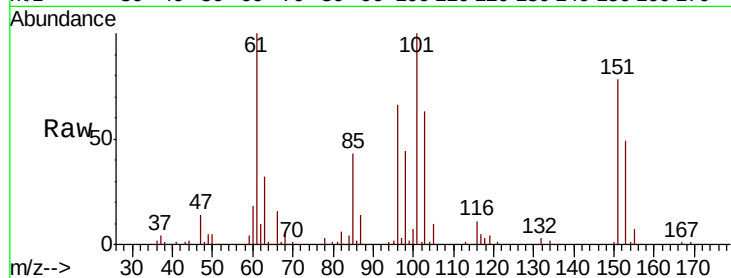
ClientSampleId :

VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
101	100	40033		
85	42.3	0.0	87.2	
151	76.0	0.0	163.0	

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#10

1,1-Dichloroethene

Concen: 20.478 ug/l

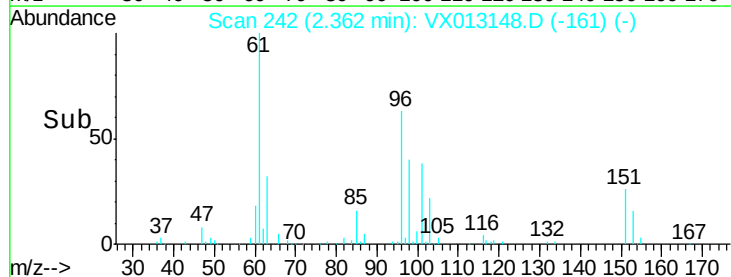
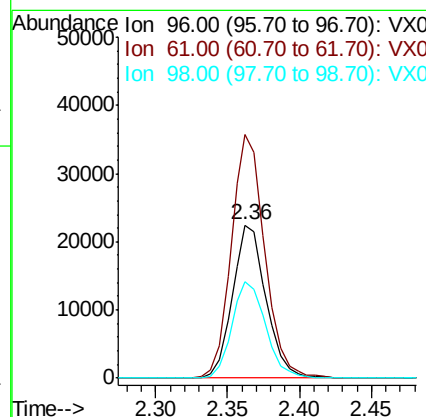
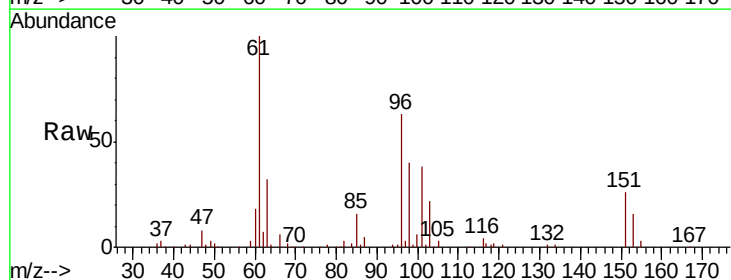
RT: 2.36 min Scan# 242

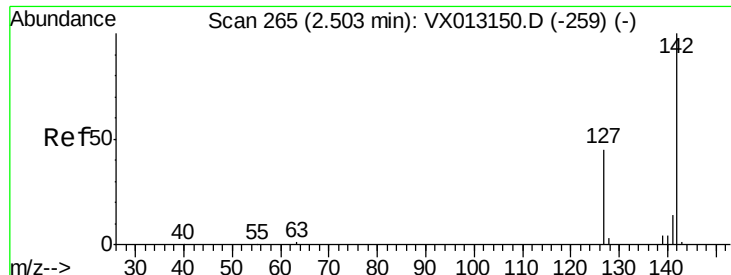
Delta R.T. -0.01 min

Lab File: VX013148.D

Acq: 21 Oct 2019 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	36540		
61	158.8	121.3	181.9	
98	62.8	49.5	74.3	





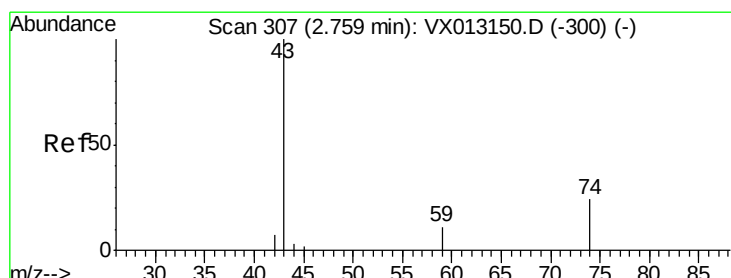
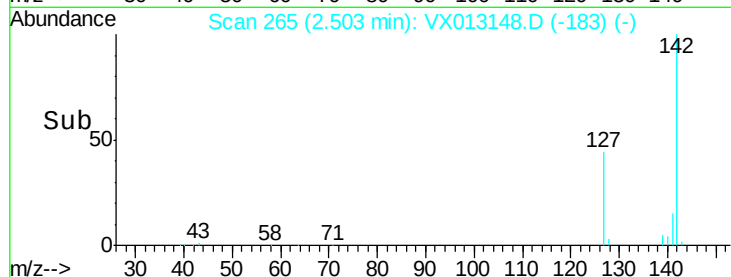
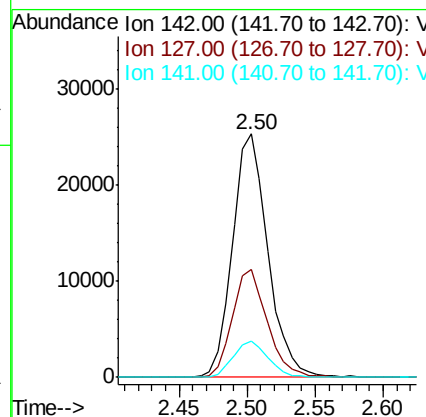
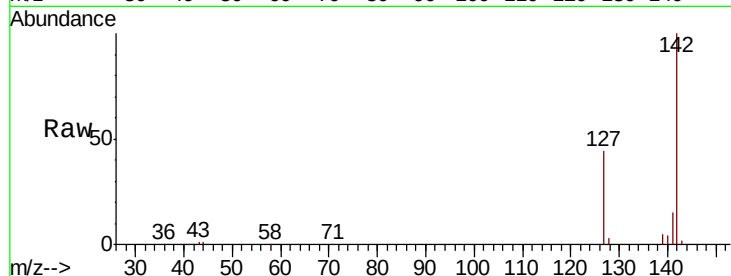
#11
Methyl Iodide
Concen: 20.695 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX013148.D
Acq: 21 Oct 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
142	100		
127	44.1	22.3	66.9
141	14.8	7.1	21.3

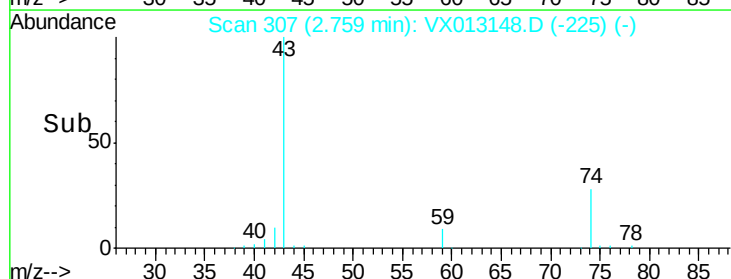
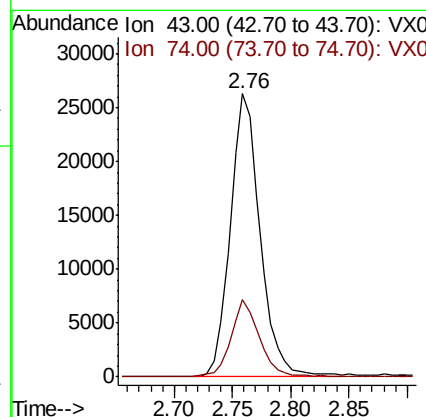
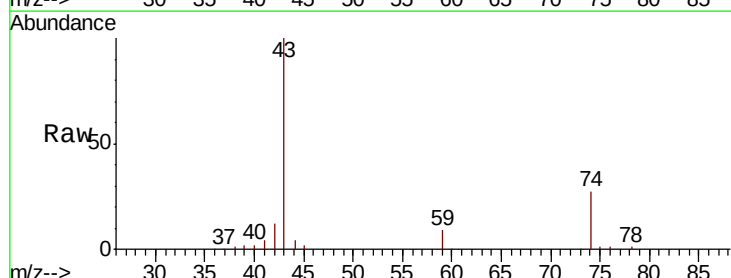
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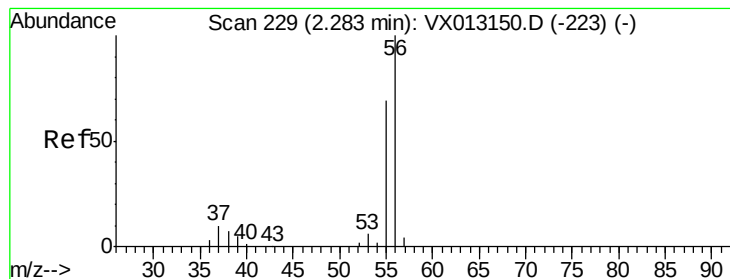
MMDadoda
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#12
Methyl Acetate
Concen: 18.946 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX013148.D
Acq: 21 Oct 2019 11:43

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.3	19.7	29.5





#13

Acrolein

Concen: 58.673 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013148.D

Acq: 21 Oct 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 56 Resp: 21221

Ion Ratio Lower Upper

56 100

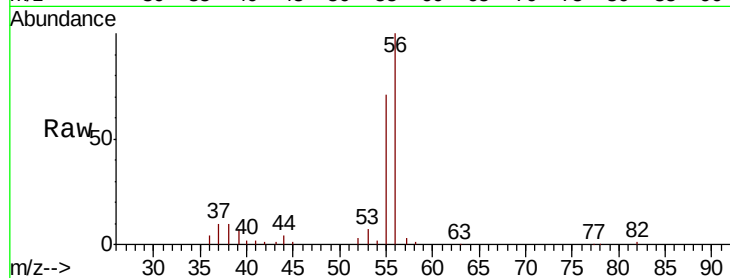
55 74.1 55.8 83.8

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

15000

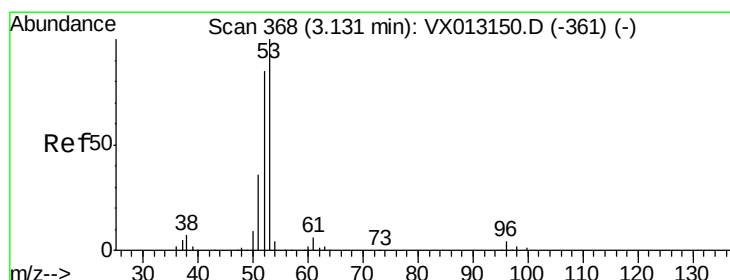
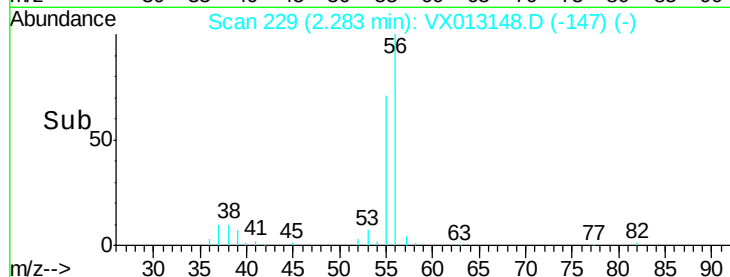
10000

5000

0

2.25 2.30 2.35

Time-->



#14

Acrylonitrile

Concen: 96.064 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013148.D

Acq: 21 Oct 2019 11:43

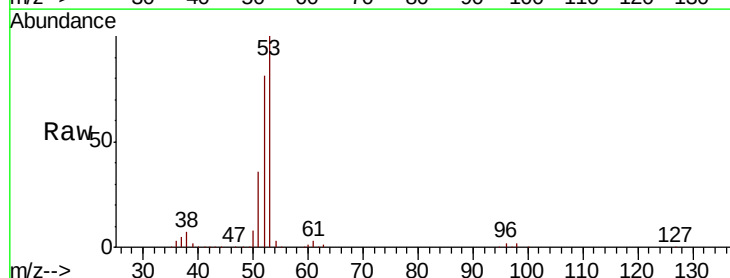
Tgt Ion: 53 Resp: 99072

Ion Ratio Lower Upper

53 100

52 81.4 42.0 126.0

51 36.8 18.6 56.0



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

60000

50000

40000

30000

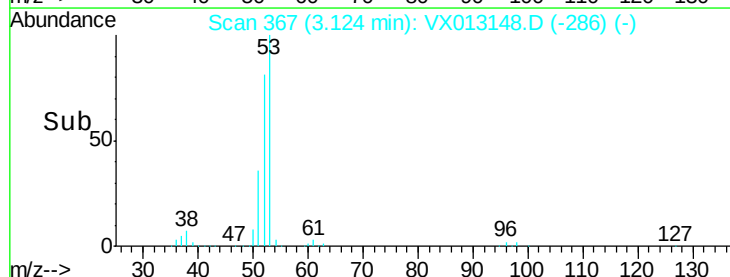
20000

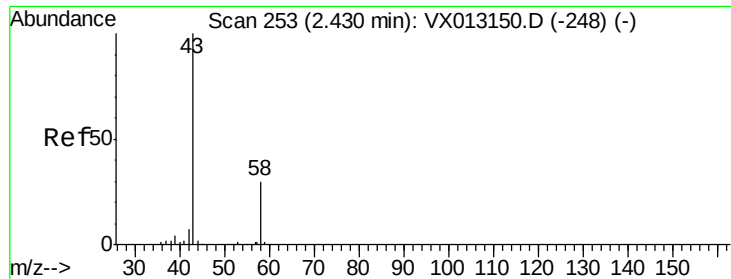
10000

0

3.10 3.20

Time-->





#15

Acetone

Concen: 100.340 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013148.D

Acq: 21 Oct 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 58 Resp: 35303

Ion Ratio Lower Upper

58 100

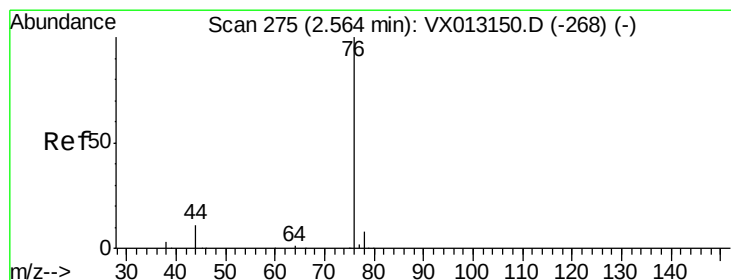
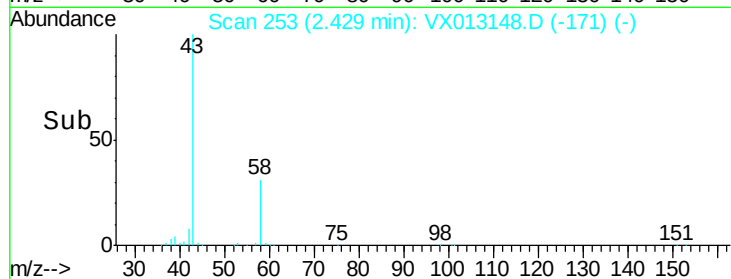
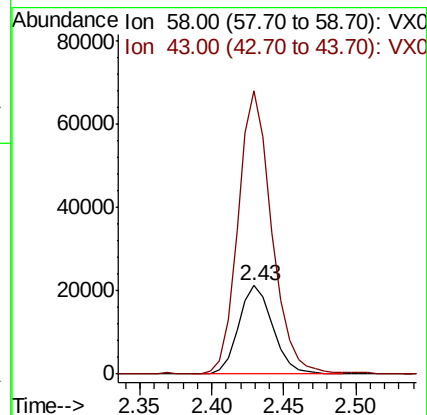
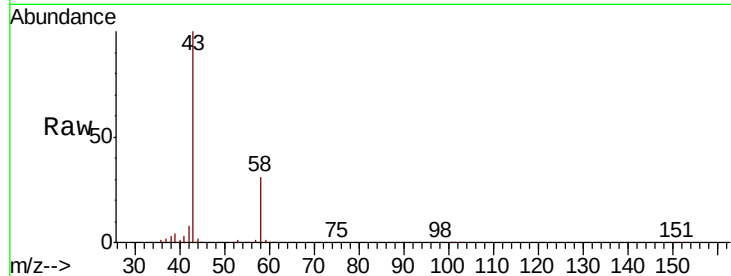
43 319.6 262.8 394.2

Manual Integrations

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#16

Carbon Disulfide

Concen: 19.502 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX013148.D

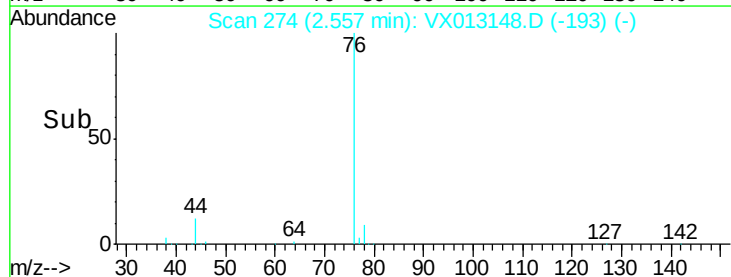
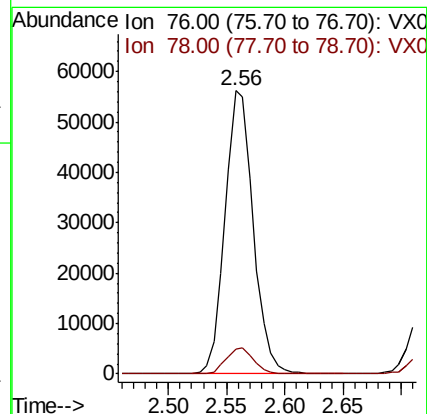
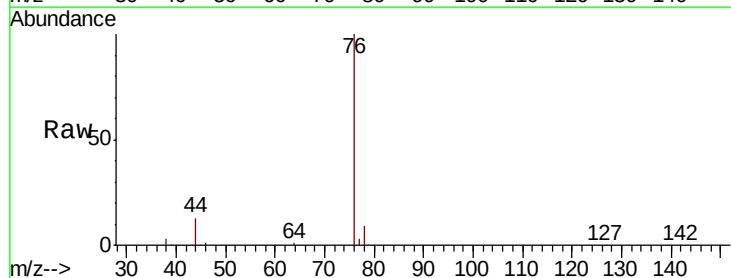
Acq: 21 Oct 2019 11:43

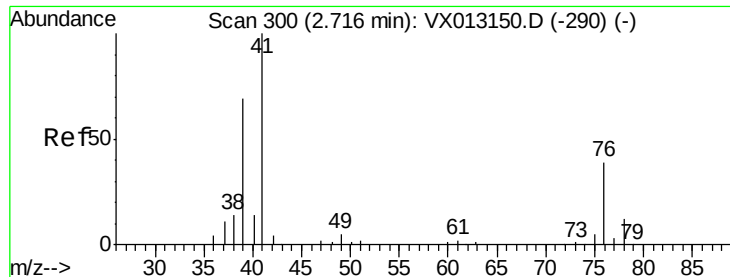
Tgt Ion: 76 Resp: 93916

Ion Ratio Lower Upper

76 100

78 8.7 6.6 10.0





#17

Allvl chloride

Concen: 19.330 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013148.D

Acq: 21 Oct 2019 11:43

Instrument :

MSVOA_X

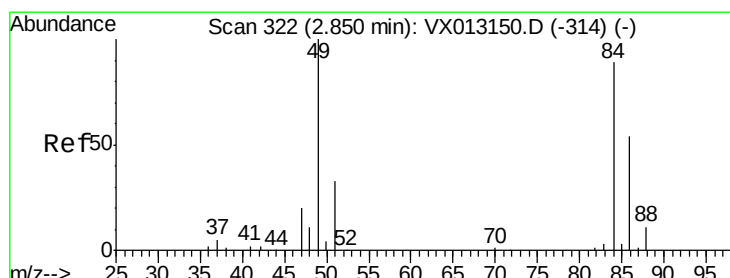
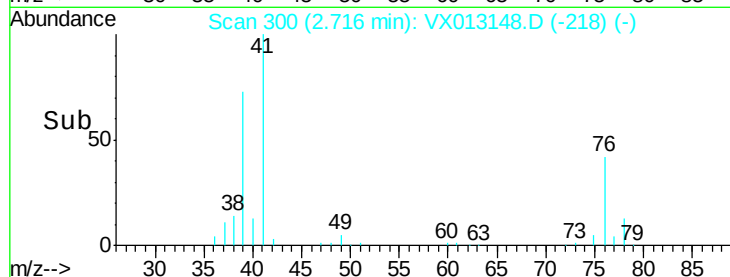
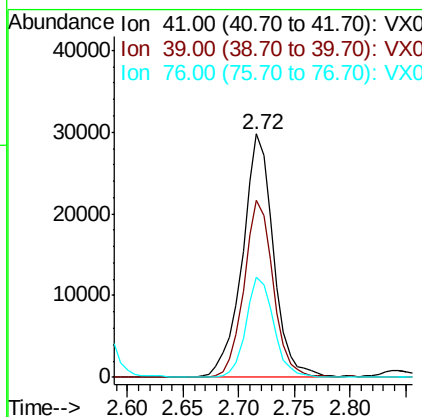
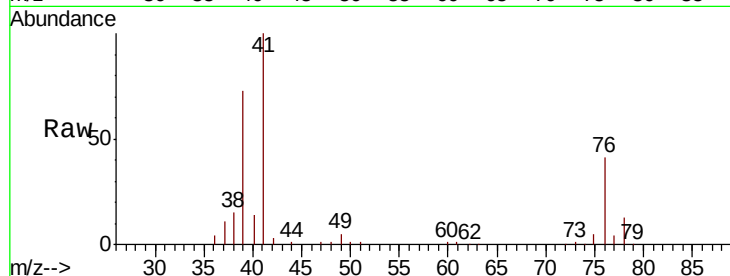
ClientSampleId :

VSTDCCC020

Tot Ion:	41	Resp:	57887
Ion	Ratio	Lower	Upper
41	100		
39	72.9	34.7	104.1
76	41.4	19.7	59.0

Manual Integrations
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#18

Methylene Chloride

Concen: 21.417 ug/l

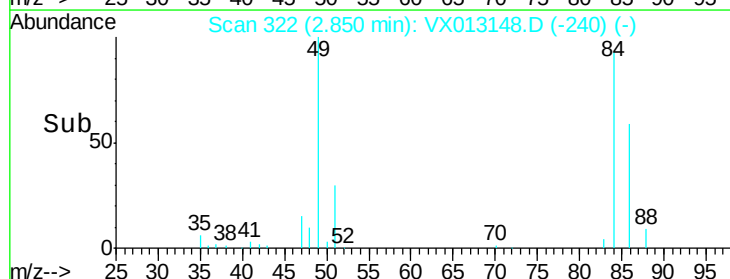
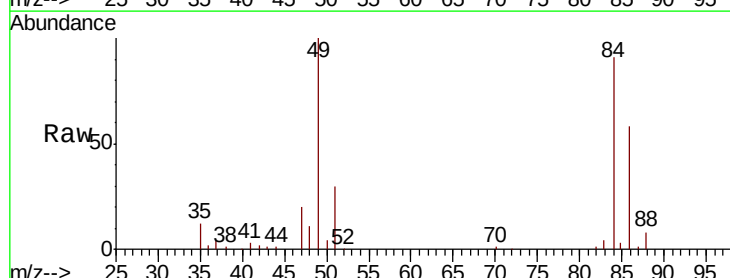
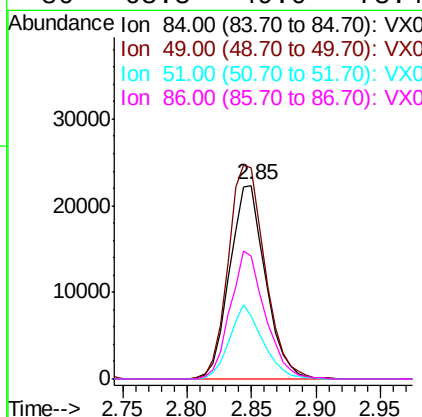
RT: 2.85 min Scan# 322

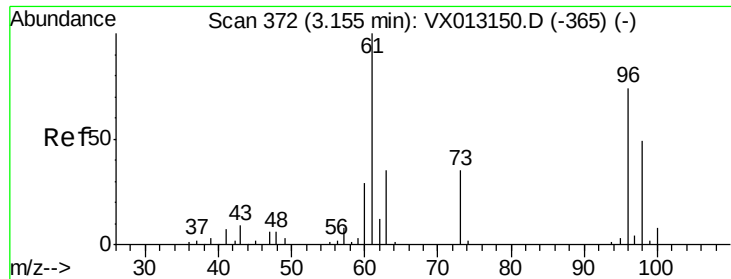
Delta R.T. -0.00 min

Lab File: VX013148.D

Acq: 21 Oct 2019 11:43

Tgt Ion:	84	Resp:	43444
Ion	Ratio	Lower	Upper
84	100		
49	109.5	90.3	135.5
51	32.6	29.9	44.9
86	63.3	49.0	73.4





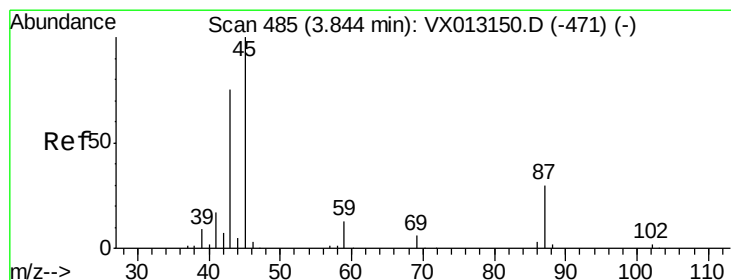
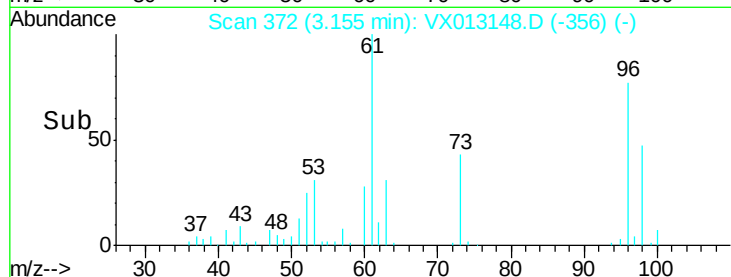
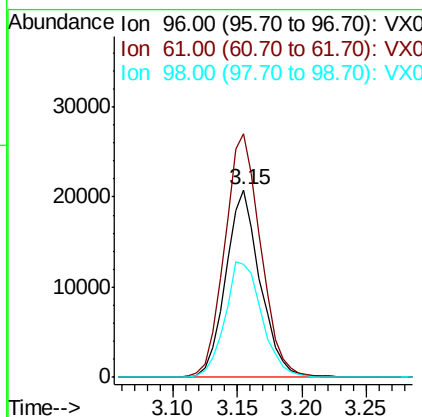
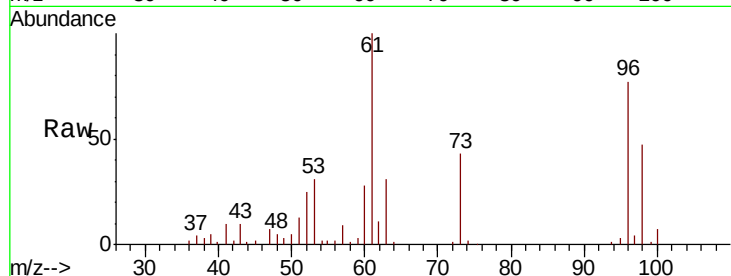
#19
trans-1,2-Dichloroethene
Concen: 20.389 ug/l
RT: 3.15 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX013148.D
Acq: 21 Oct 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.2	108.6	162.8
98	60.3	53.4	80.0

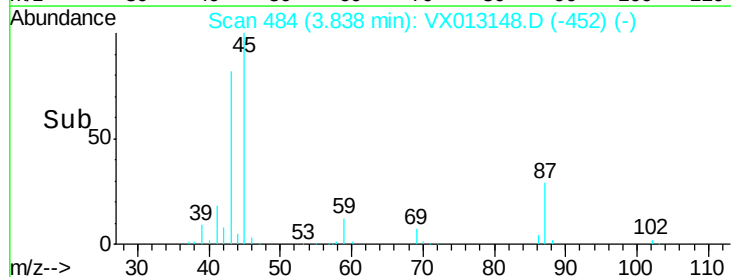
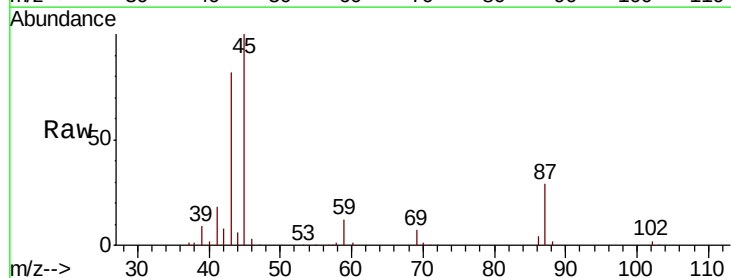
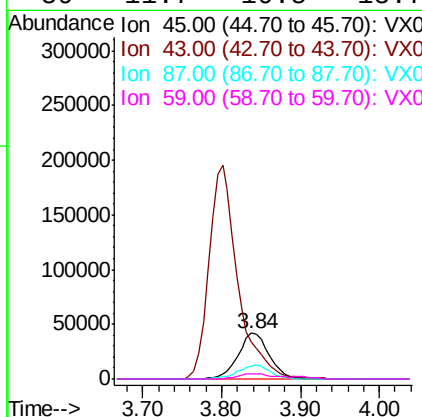
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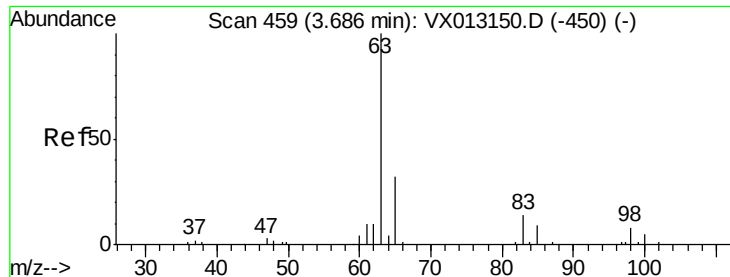
MMDadoda
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#20
Diisopropyl ether
Concen: 20.118 ug/l
RT: 3.84 min Scan# 484
Delta R.T. -0.01 min
Lab File: VX013148.D
Acq: 21 Oct 2019 11:43

Tgt Ion	Ratio	Lower	Upper
45	100		
43	80.8	60.6	91.0
87	28.7	24.2	36.2
59	11.7	10.5	15.7





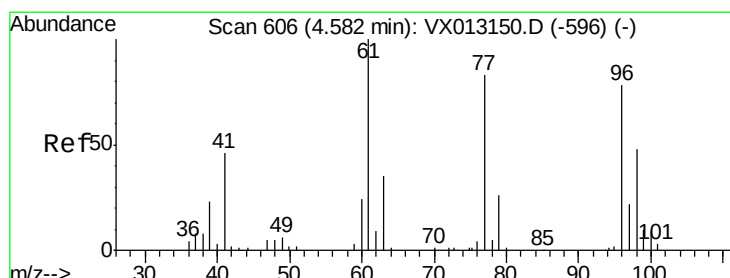
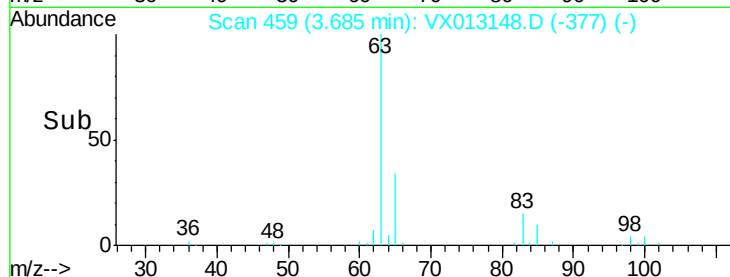
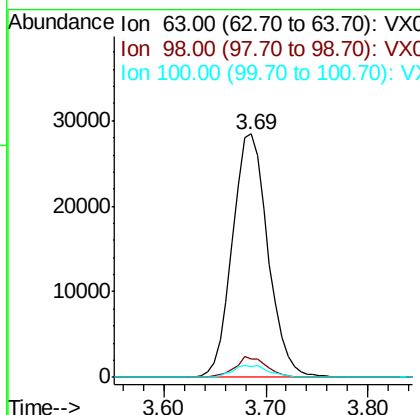
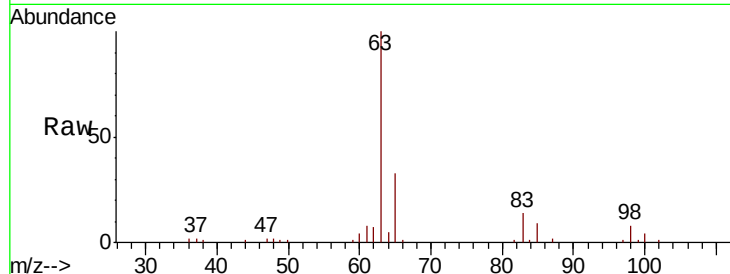
#21
1,1-Dichloroethane
Concen: 20.605 ug/l
RT: 3.69 min Scan# 459
Delta R.T. -0.00 min
Lab File: VX013148.D
Acq: 21 Oct 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
63	100		
98	7.6	4.2	12.4
100	4.4	2.4	7.2

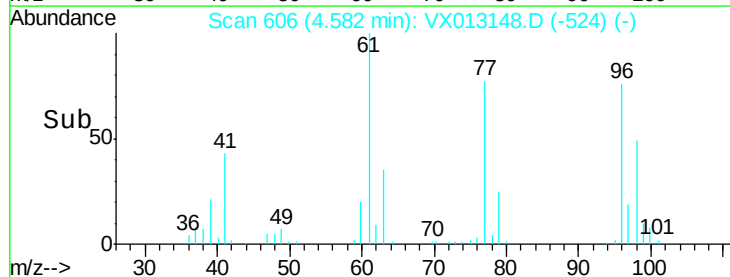
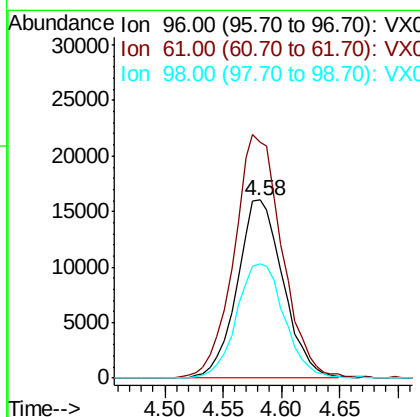
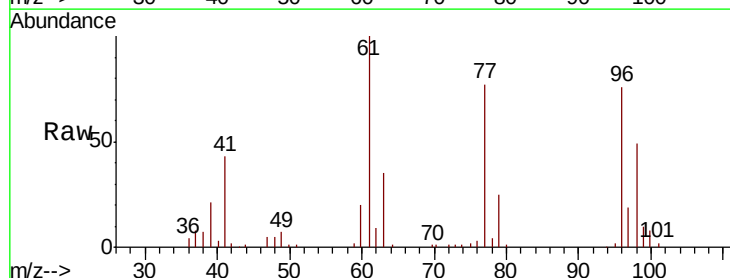
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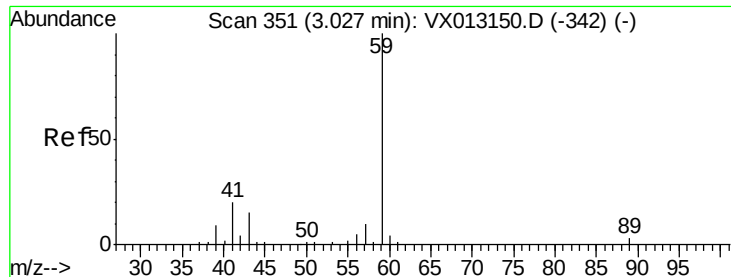
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#22
cis-1,2-Dichloroethene
Concen: 20.090 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013148.D
Acq: 21 Oct 2019 11:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.5	112.5	168.7
98	66.6	51.2	76.8





#23

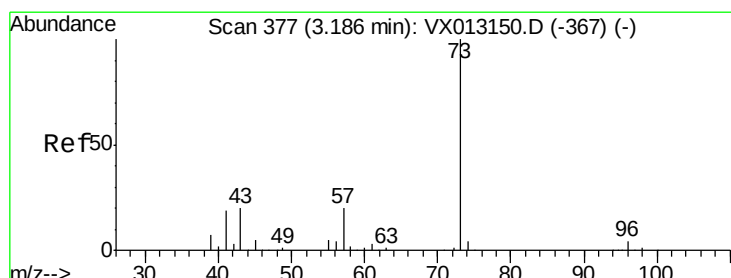
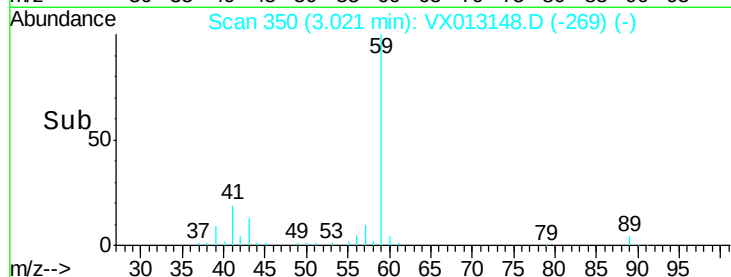
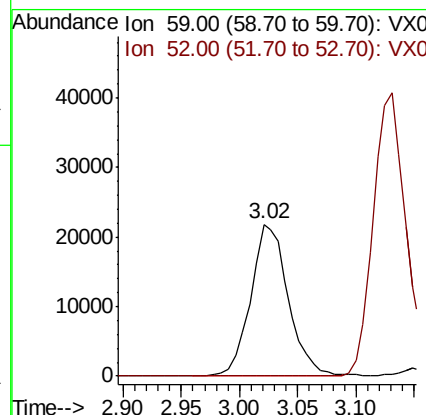
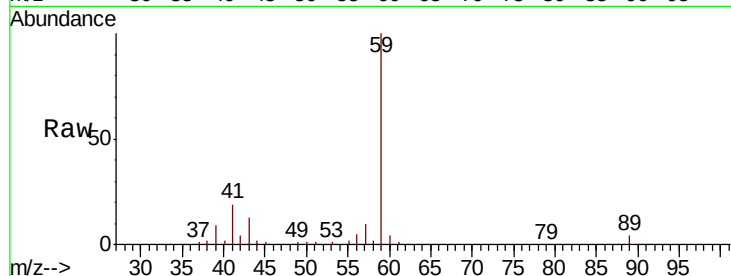
tert-Butyl Alcohol
Concen: 93.396 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX013148.D
Acq: 21 Oct 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0

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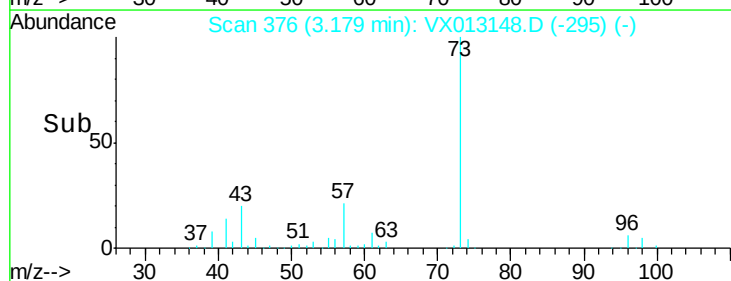
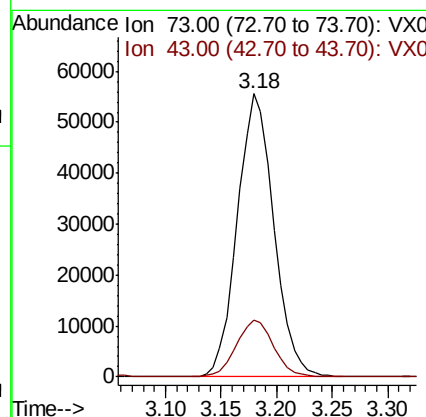
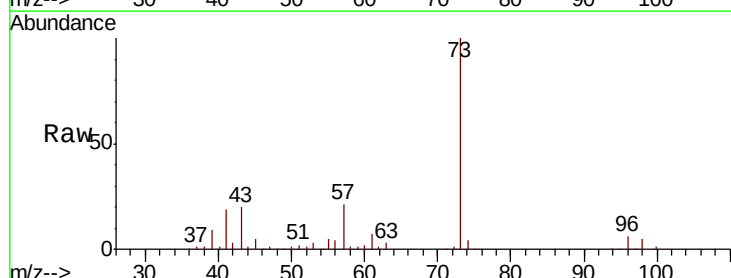
MMDadoda
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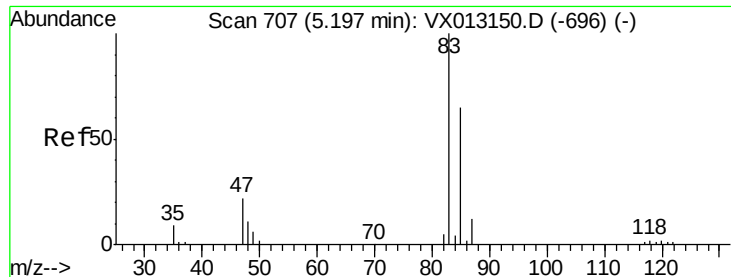


#24

Methyl tert-Butyl Ether
Concen: 20.888 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX013148.D
Acq: 21 Oct 2019 11:43

Tgt Ion	Ratio	Lower	Upper
73	100		
43	20.5	17.1	25.7





#25

Chloroform

Concen: 21.039 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX013148.D

Acq: 21 Oct 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 83 Resp: 72805

Ion Ratio Lower Upper

83 100

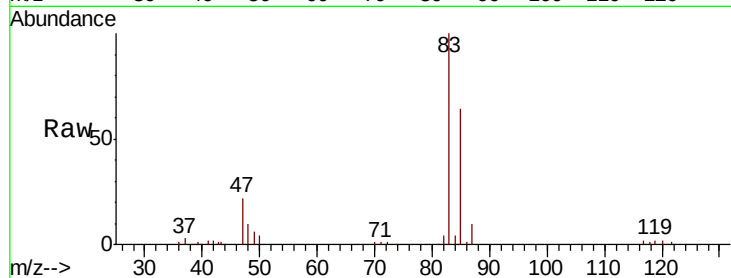
85 64.3 52.0 78.0

Manual Integrations

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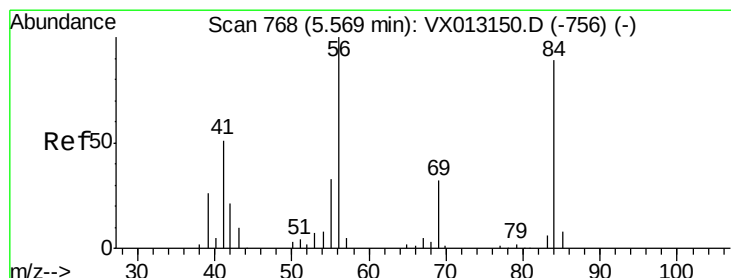
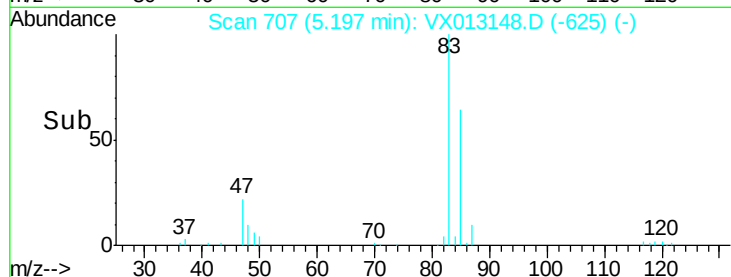
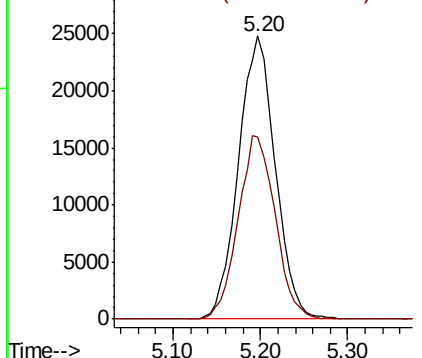
MMDadoda

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Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 20.217 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX013148.D

Acq: 21 Oct 2019 11:43

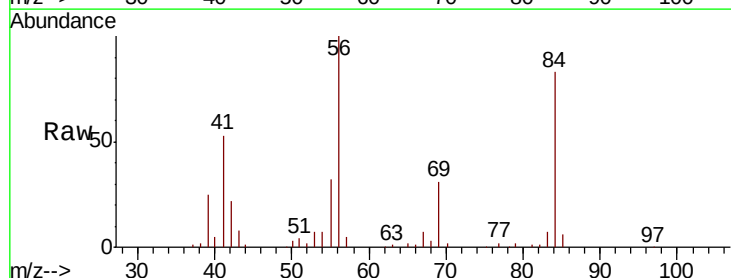
Tgt Ion: 56 Resp: 60858

Ion Ratio Lower Upper

56 100

89 0.0 0.2 0.2#

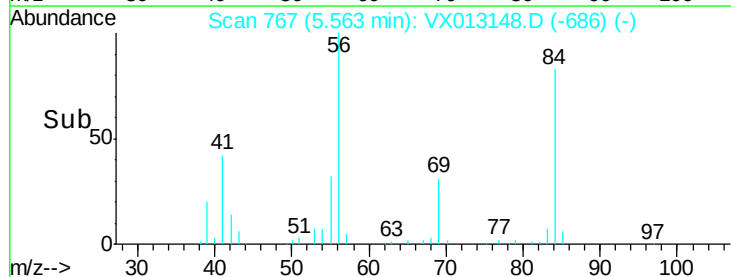
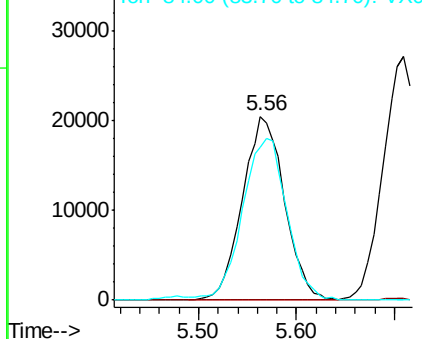
84 92.9 74.0 111.0

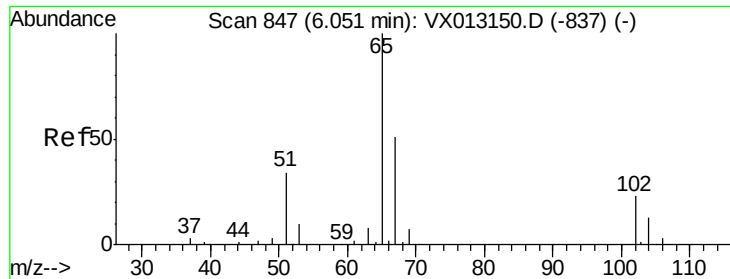


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





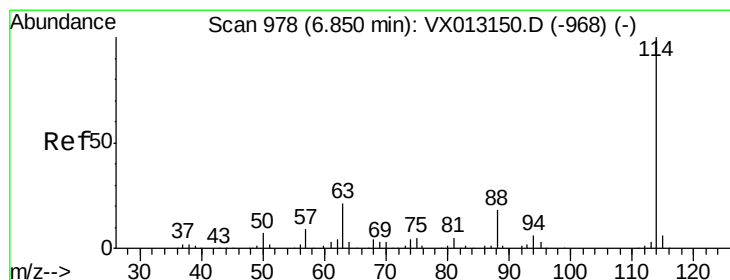
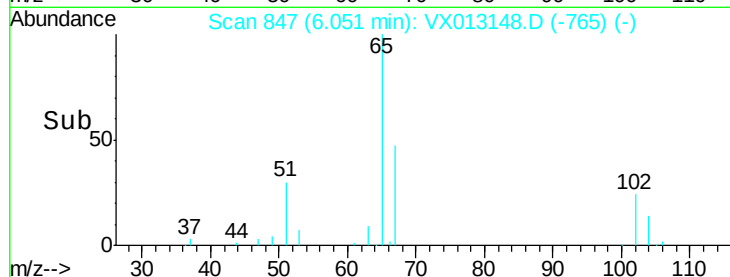
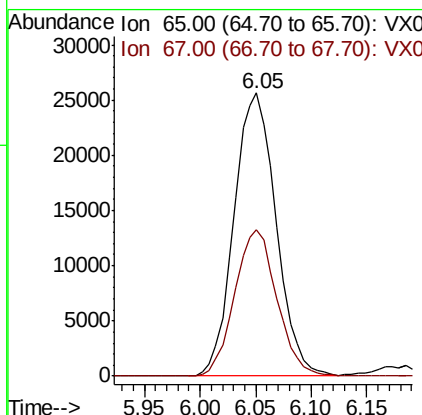
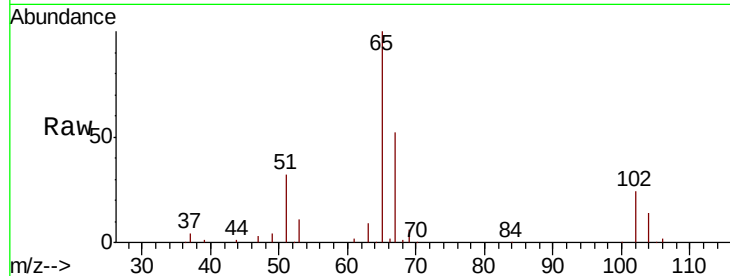
#27
 1,2-Dichloroethane-d4
 Concen: 29.703 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013148.D
 Acq: 21 Oct 2019 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.7	42.2	63.4

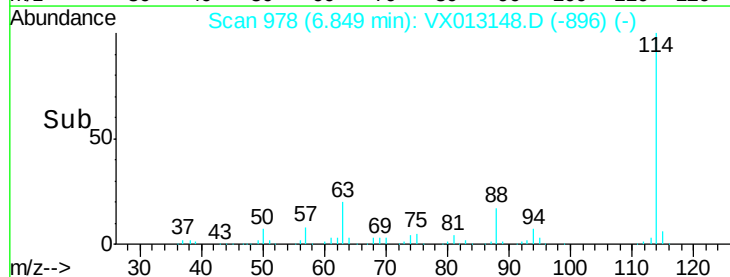
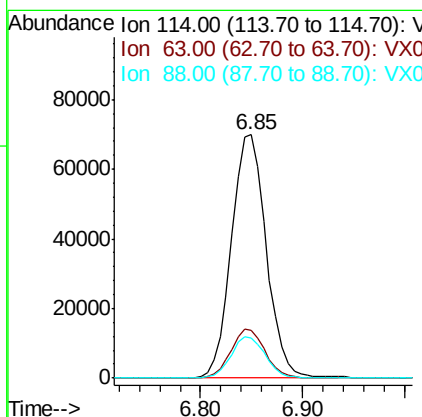
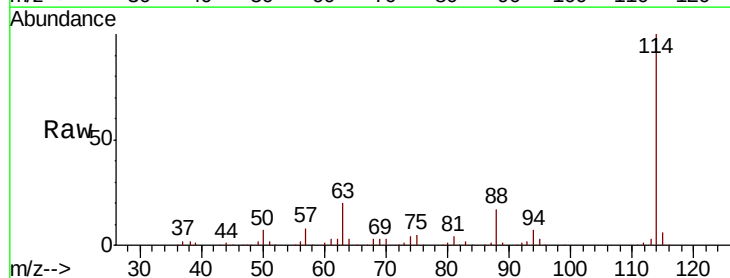
Manual Integrations
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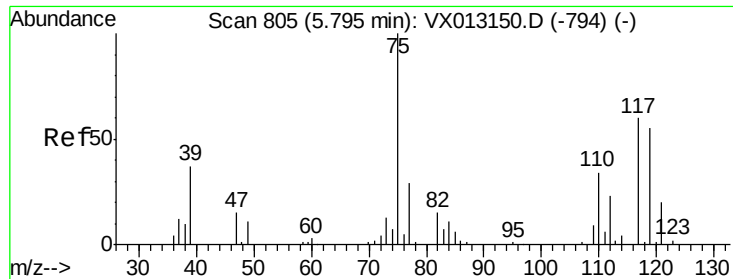
MMDadoda
 10/22/2019 12:30:02 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013148.D
 Acq: 21 Oct 2019 11:43

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.7	16.1	24.1
88	16.9	13.7	20.5





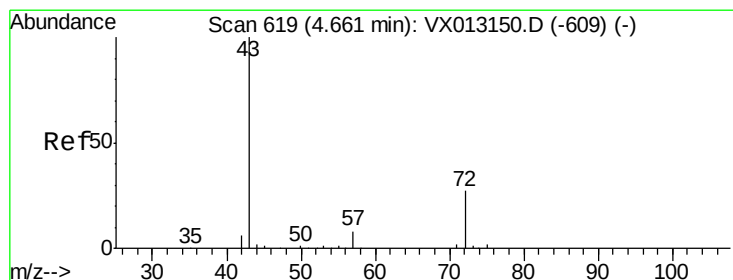
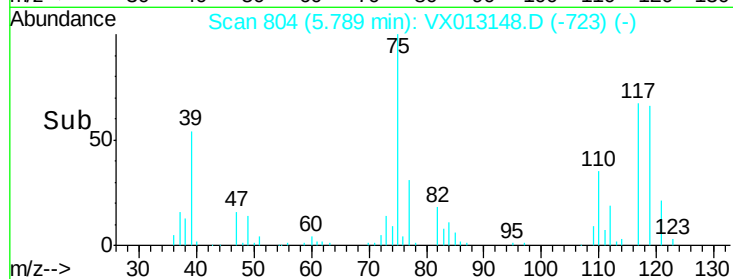
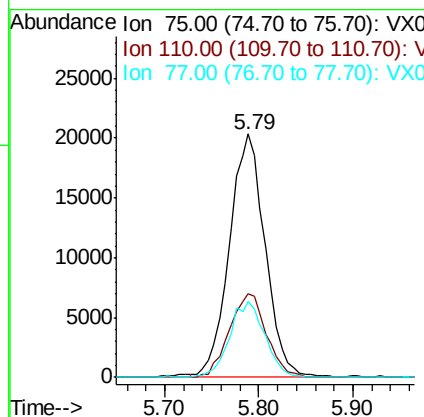
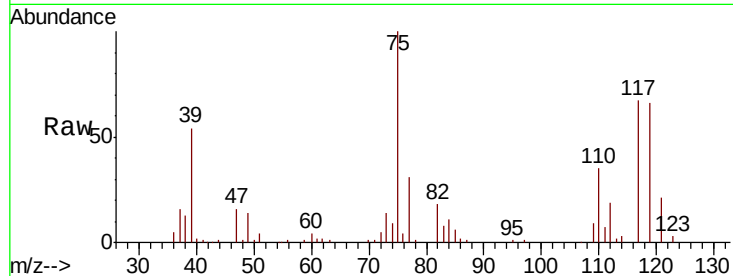
#29
 1,1-Dichloropropene
 Concen: 20.960 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX013148.D
 Acq: 21 Oct 2019 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
110	35.7	0.0	68.4
77	30.9	0.0	30.8#

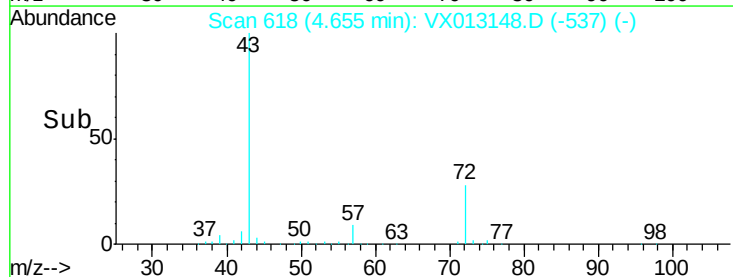
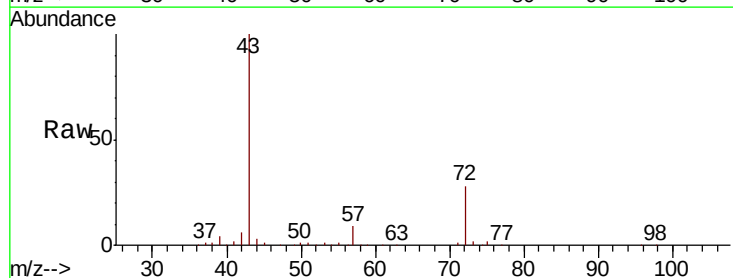
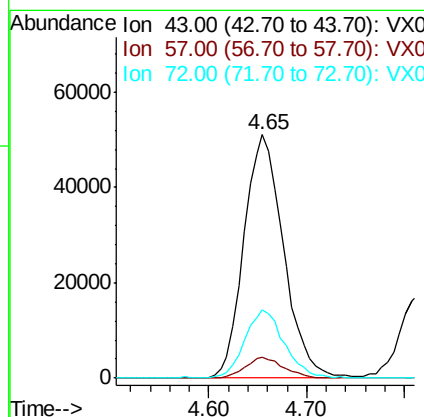
Manual Integrations
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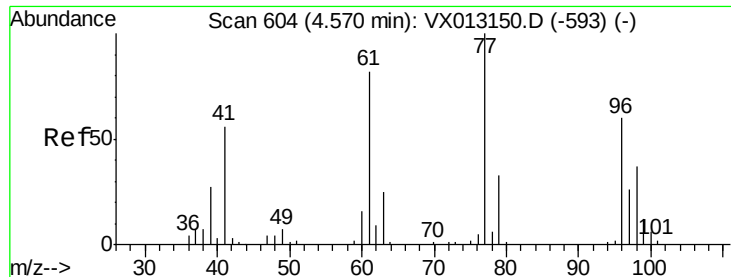
MMDadoda
 10/22/2019 12:30:02 PM



#30
 2-Butanone
 Concen: 97.733 ug/l
 RT: 4.65 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: VX013148.D
 Acq: 21 Oct 2019 11:43

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.4	7.0	10.6
72	27.5	23.4	35.2





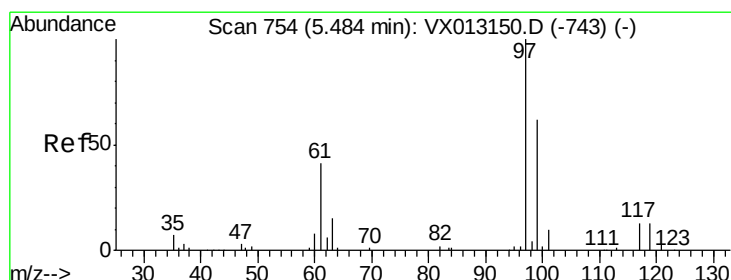
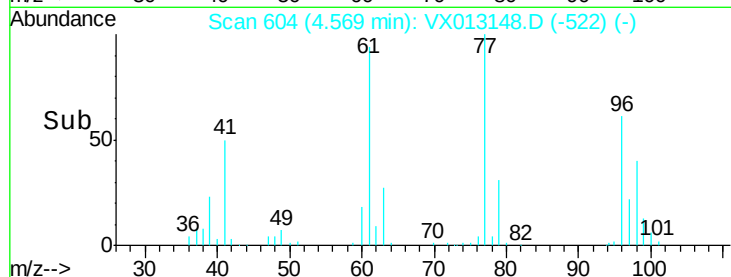
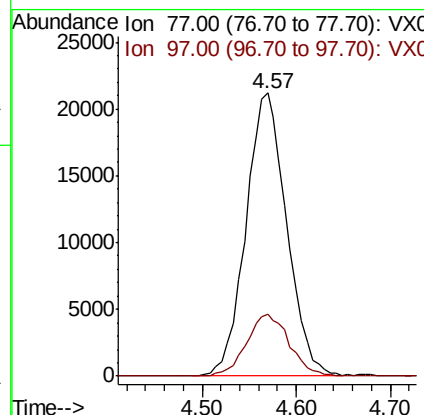
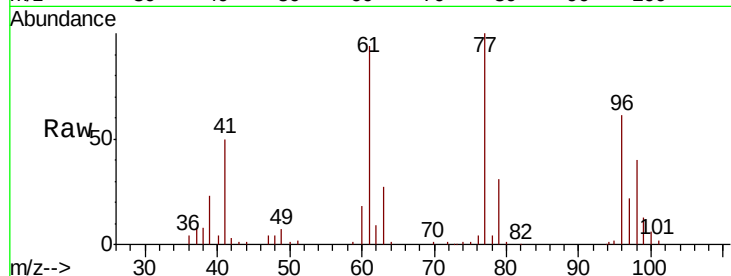
#31
 2,2-Dichloropropane
 Concen: 22.281 ug/l
 RT: 4.57 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: VX013148.D
 Acq: 21 Oct 2019 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion: 77 Resp: 64171
 Ion Ratio Lower Upper
 77 100
 97 22.9 19.1 28.7

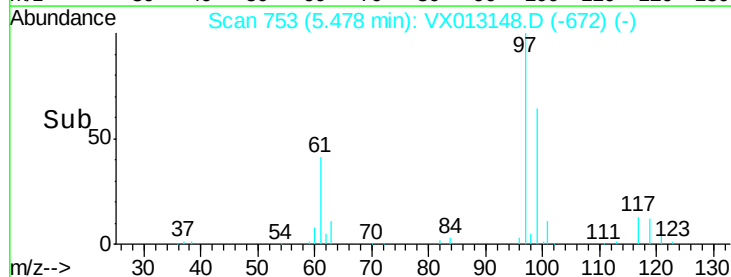
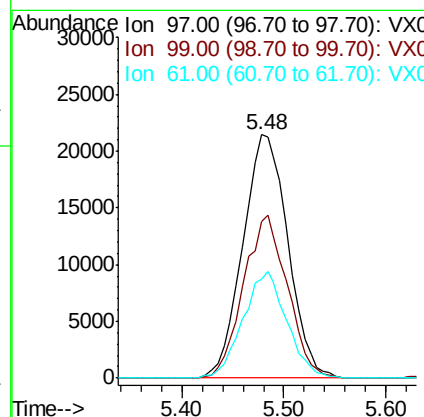
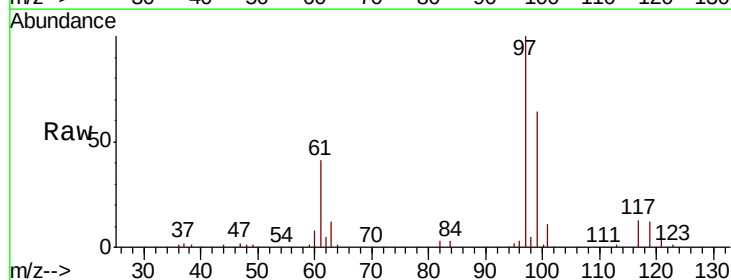
Manual Integrations
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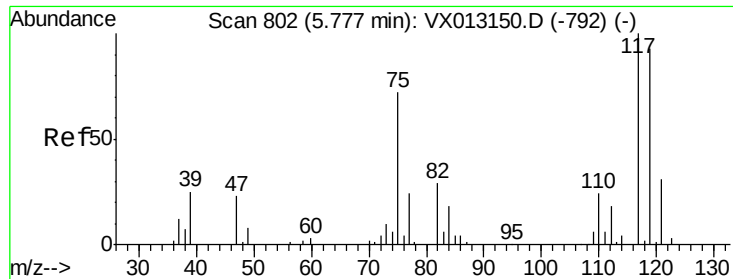
MMDadoda
 10/22/2019 12:30:02 PM



#32
 1,1,1-Trichloroethane
 Concen: 21.953 ug/l
 RT: 5.48 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: VX013148.D
 Acq: 21 Oct 2019 11:43

Tgt Ion: 97 Resp: 65927
 Ion Ratio Lower Upper
 97 100
 99 65.0 51.8 77.8
 61 42.6 33.5 50.3





#33

Carbon Tetrachloride

Concen: 22.036 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.00 min

Lab File: VX013148.D

Acq: 21 Oct 2019 11:43

Instrument :

MSVOA_X

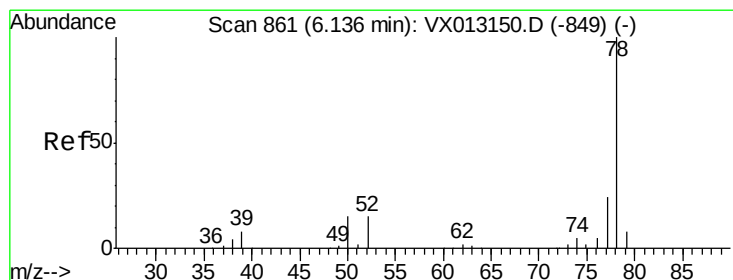
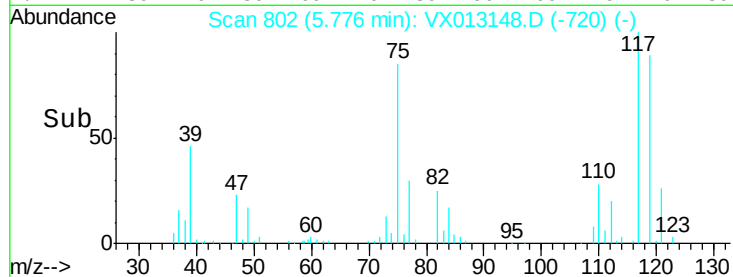
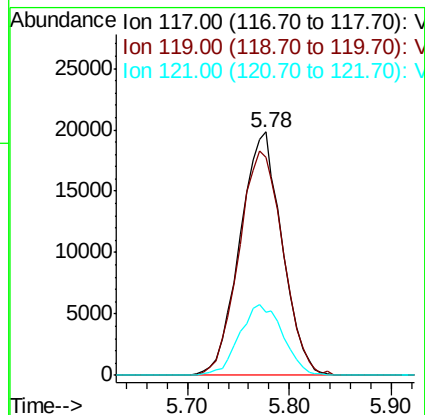
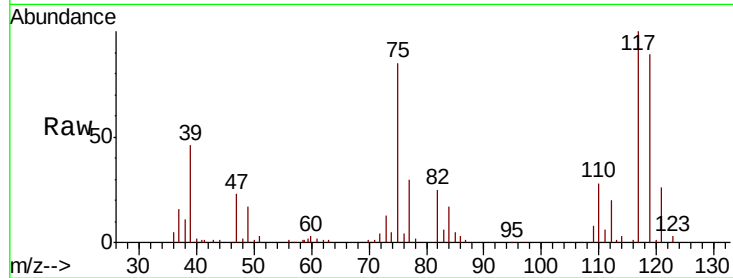
ClientSampled :

VSTDCCC020

Tot Ion:	117	Resp:	56758
Ion	Ratio	Lower	Upper
117	100		
119	89.5	74.9	112.3
121	25.7	25.0	37.4

Manual Integrations
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#34

Benzene

Concen: 20.963 ug/l

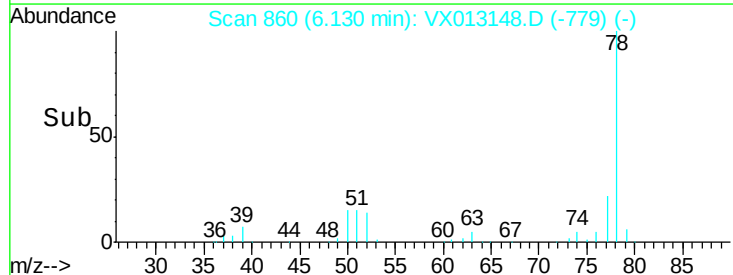
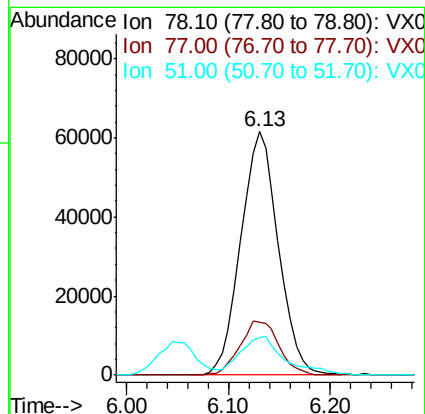
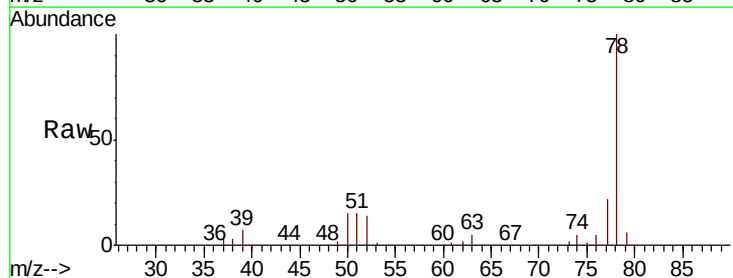
RT: 6.13 min Scan# 860

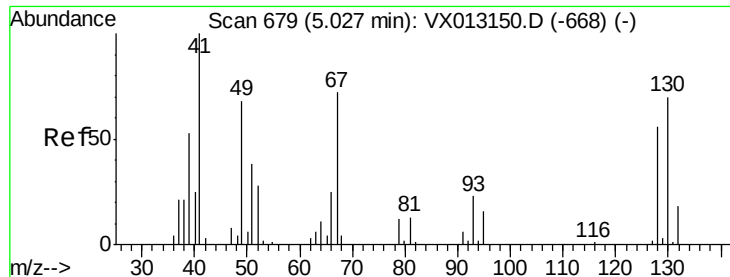
Delta R.T. -0.01 min

Lab File: VX013148.D

Acq: 21 Oct 2019 11:43

Tgt Ion:	78	Resp:	157574
Ion	Ratio	Lower	Upper
78	100		
77	21.8	19.3	28.9
51	14.4	11.4	17.2





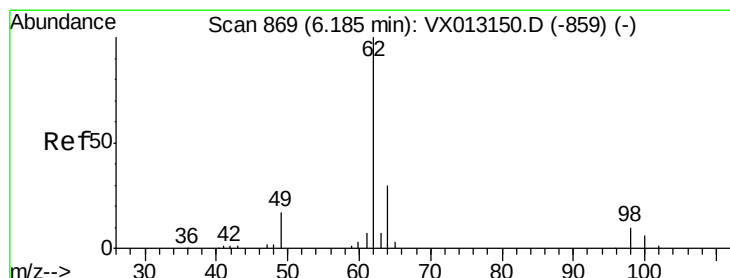
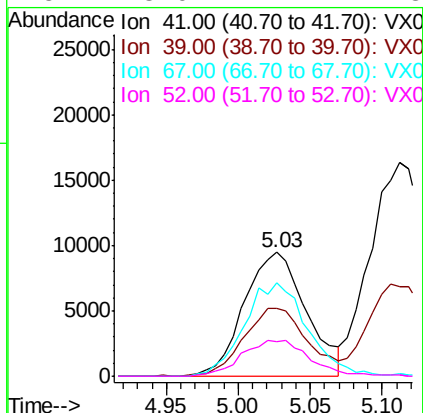
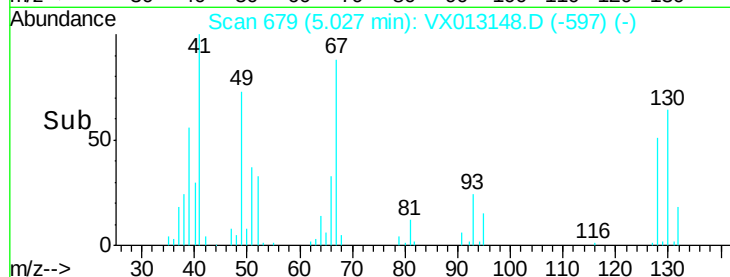
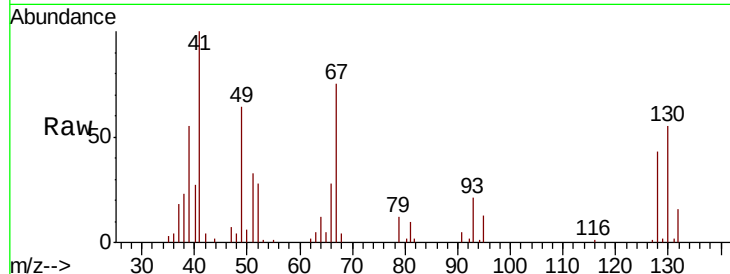
#35
Methacrylonitrile
Concen: 19.578 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX013148.D
Acq: 21 Oct 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.5	26.3	78.9	
67	75.1	35.8	107.4	
52	28.0	14.1	42.3	

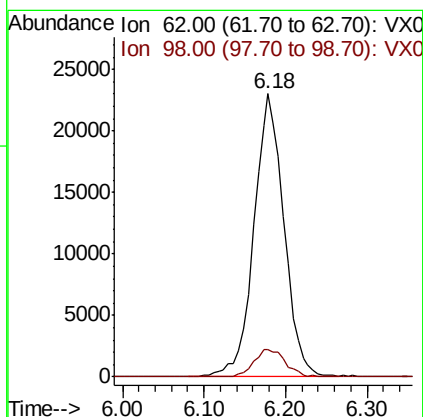
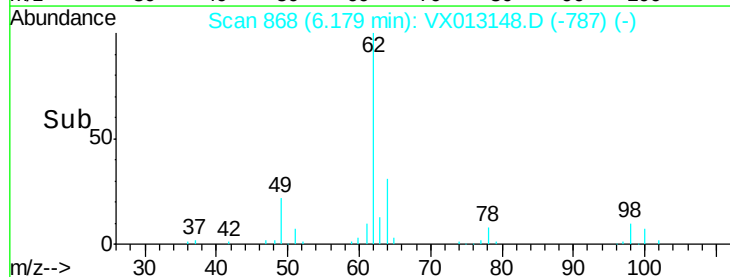
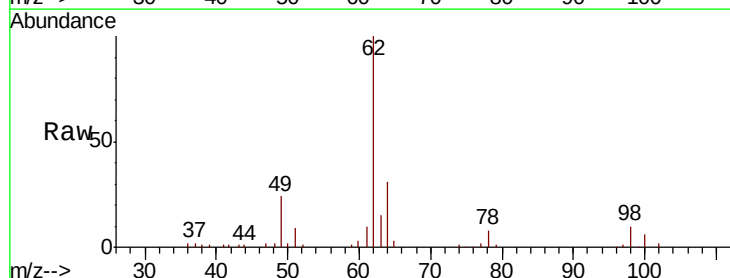
Manual Integrations
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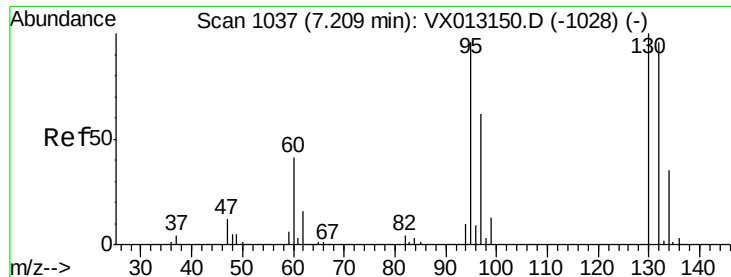
MMDadoda
10/22/2019 12:30:02 PM



#36
1,2-Dichloroethane
Concen: 21.548 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX013148.D
Acq: 21 Oct 2019 11:43

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.2	8.0	12.0	





#37

Trichloroethene

Concen: 21.796 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX013148.D

Acq: 21 Oct 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:130 Resp: 44176

Ion Ratio Lower Upper

130 100

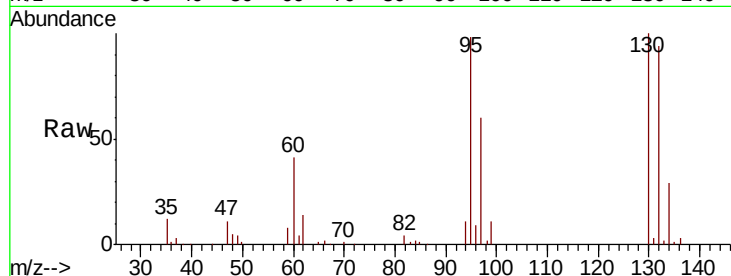
95 97.6 77.0 115.6

Manual Integrations

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.20

25000

20000

15000

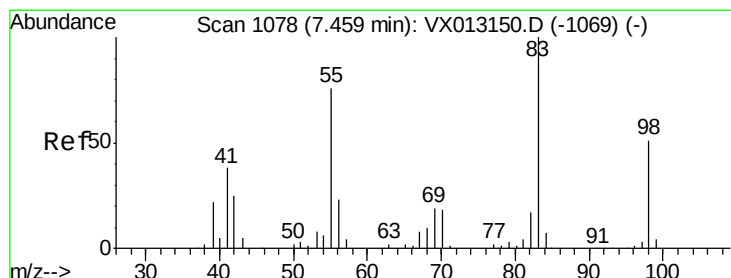
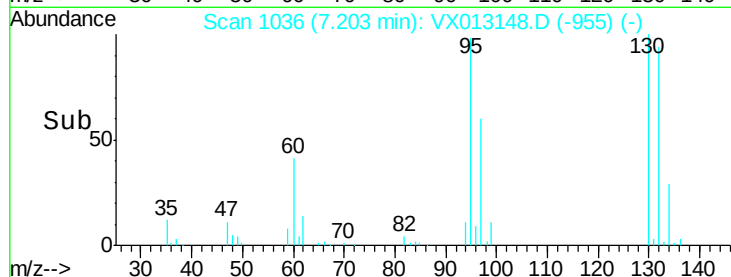
10000

5000

0

Time-->

7.10 7.15 7.20 7.25 7.30



#38

Methylcyclohexane

Concen: 21.444 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX013148.D

Acq: 21 Oct 2019 11:43

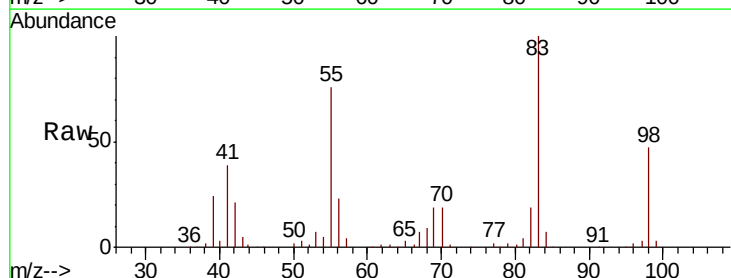
Tgt Ion: 83 Resp: 66815

Ion Ratio Lower Upper

83 100

55 75.6 37.5 112.5

98 50.7 25.4 76.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

40000

30000

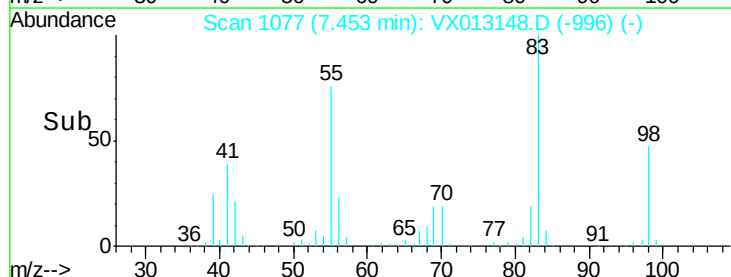
20000

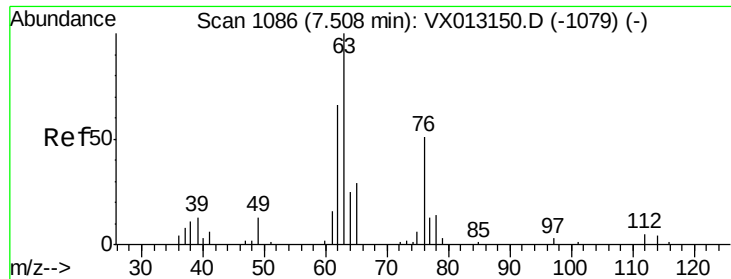
10000

0

Time-->

7.35 7.40 7.45 7.50 7.55





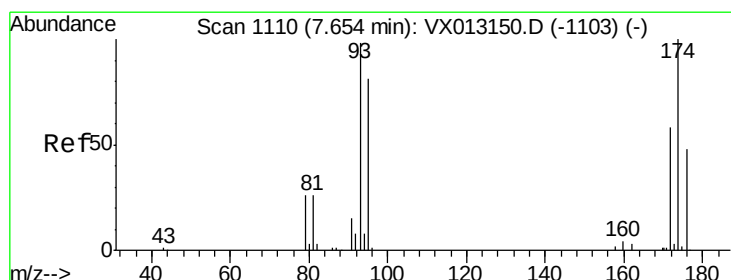
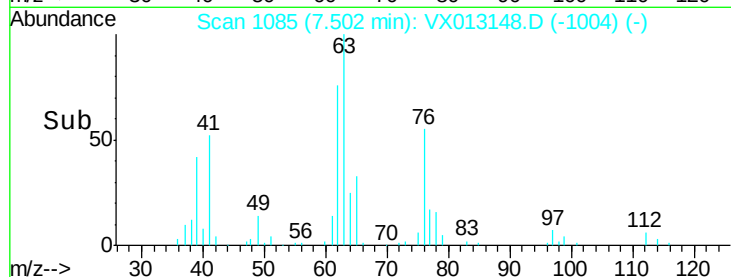
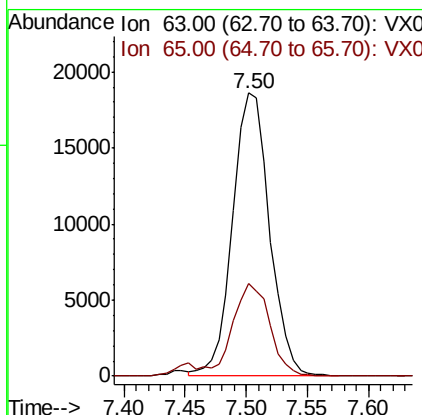
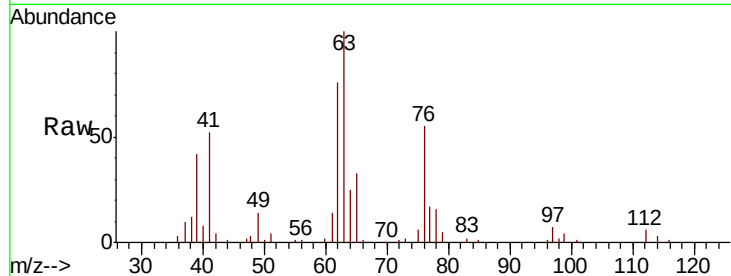
#39
 1,2-Dichloropropane
 Concen: 20.791 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013148.D
 Acq: 21 Oct 2019 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion: 63 Resp: 38964
 Ion Ratio Lower Upper
 63 100
 65 32.7 24.8 37.2

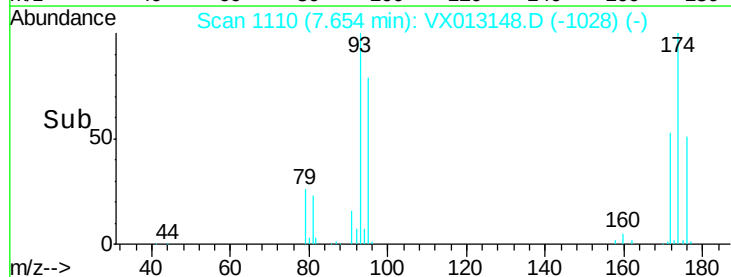
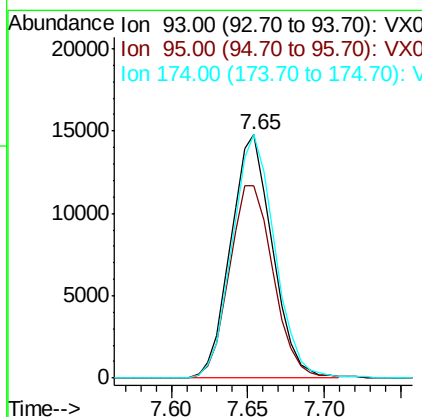
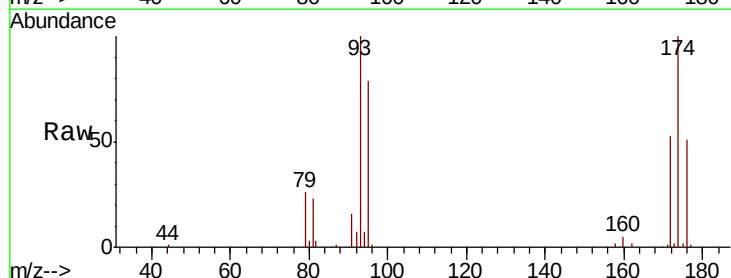
Manual Integrations
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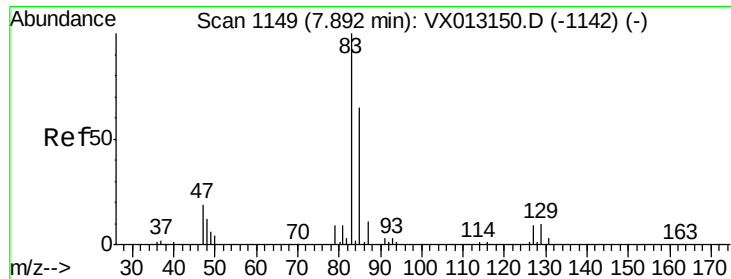
MMDadoda
 10/22/2019 12:30:02 PM



#40
 Dibromomethane
 Concen: 21.571 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013148.D
 Acq: 21 Oct 2019 11:43

Tgt Ion: 93 Resp: 27951
 Ion Ratio Lower Upper
 93 100
 95 83.2 0.0 166.0
 174 102.0 0.0 208.8





#41

Bromodichloromethane

Concen: 21.965 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013148.D

Acq: 21 Oct 2019 11:43

Instrument :

MSVOA_X

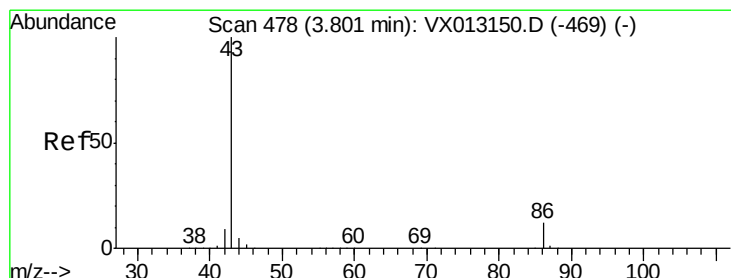
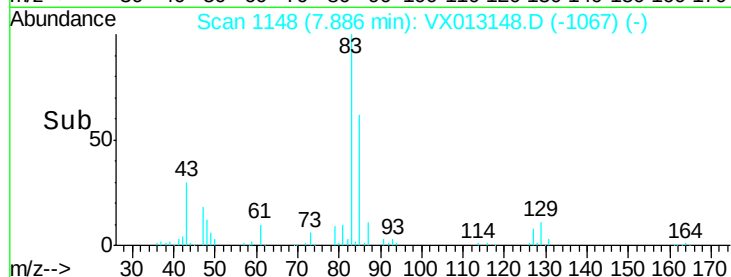
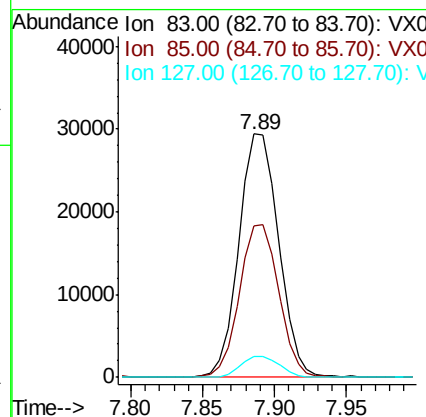
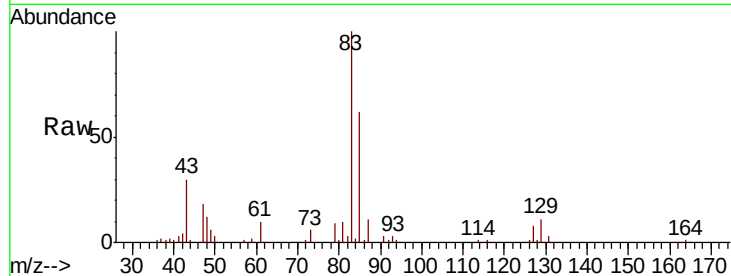
ClientSampleId :

VSTDCCC020

Tot Ion:	83	Resp:	56486
Ion	Ratio	Lower	Upper
83	100		
85	62.2	52.1	78.1
127	8.3	7.5	11.3

Manual Integrations
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10/22/2019 12:30:02 PM



#42

Vinyl Acetate

Concen: 102.100 ug/l

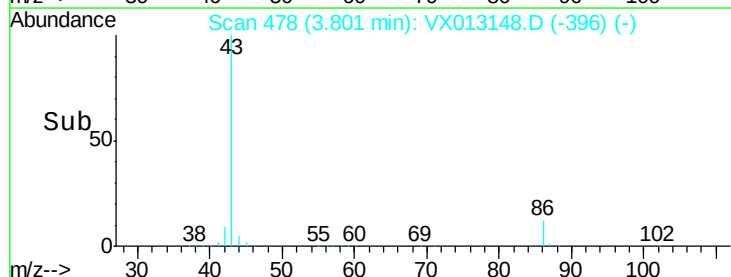
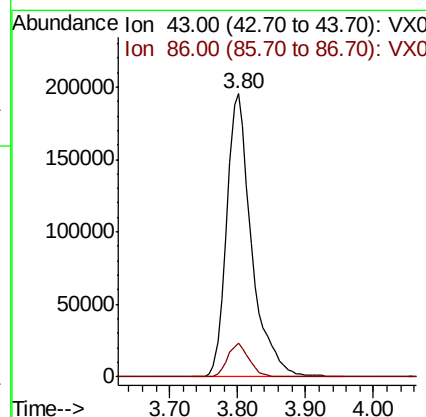
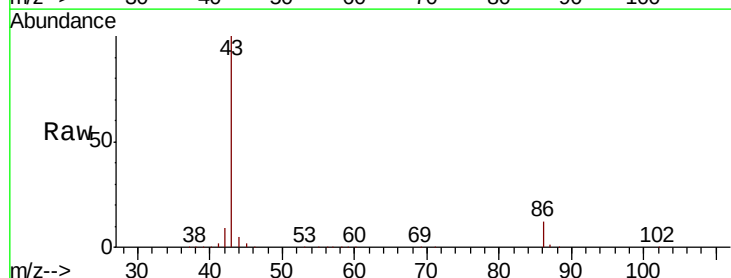
RT: 3.80 min Scan# 478

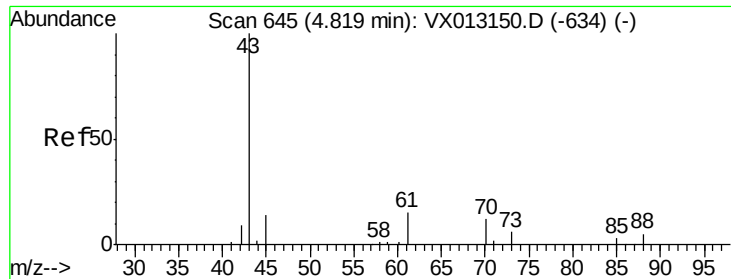
Delta R.T. -0.00 min

Lab File: VX013148.D

Acq: 21 Oct 2019 11:43

Tgt Ion:	43	Resp:	496422
Ion	Ratio	Lower	Upper
43	100		
86	10.4	8.6	12.8





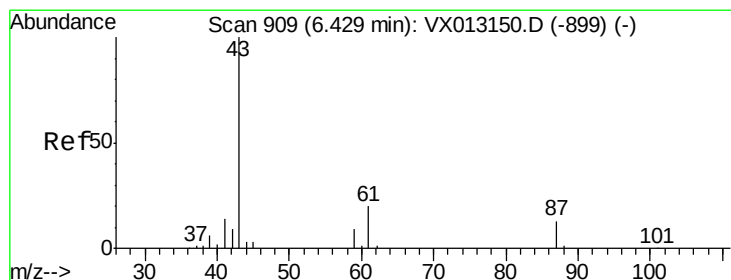
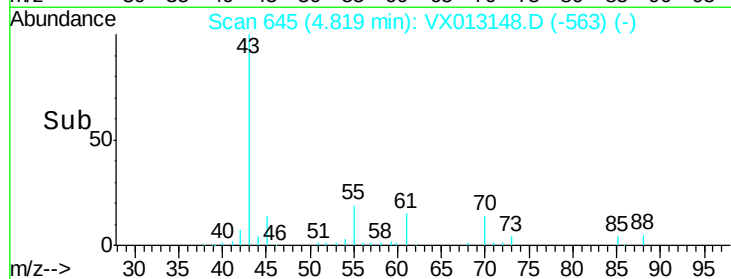
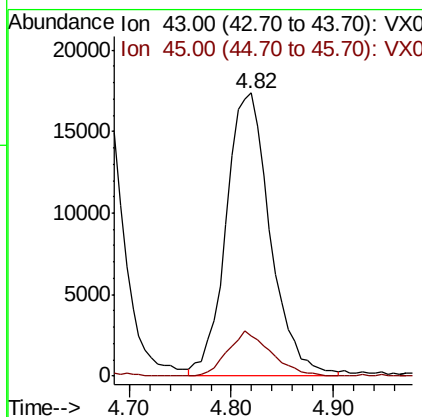
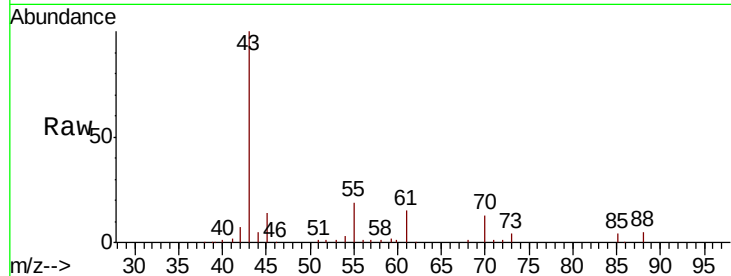
#43
Ethyl Acetate
Concen: 19.657 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013148.D
Acq: 21 Oct 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion: 43 Resp: 52247
Ion Ratio Lower Upper
43 100
45 15.7 12.6 18.8

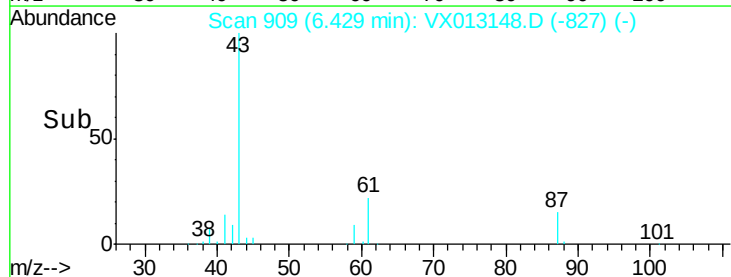
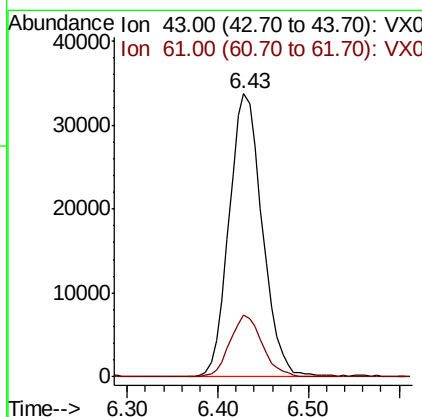
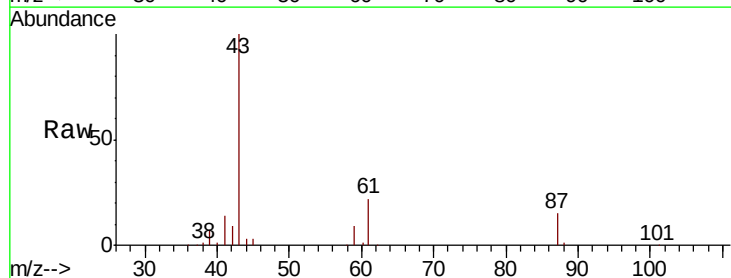
Manual Integrations
APPROVED

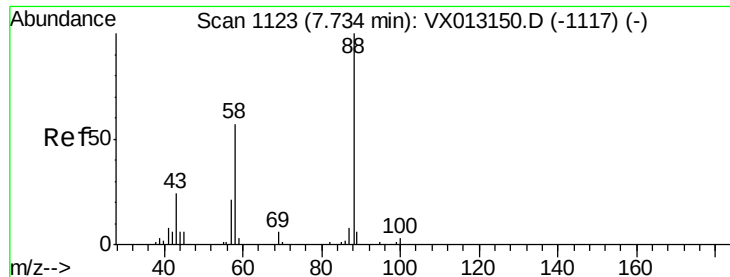
MMDadoda
10/22/2019 12:30:02 PM



#44
Isopropyl Acetate
Concen: 19.966 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.00 min
Lab File: VX013148.D
Acq: 21 Oct 2019 11:43

Tgt Ion: 43 Resp: 85819
Ion Ratio Lower Upper
43 100
61 21.4 16.8 25.2





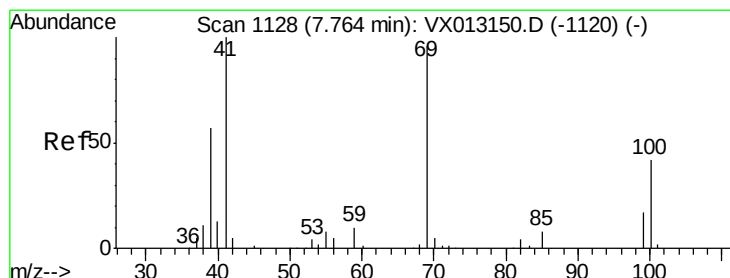
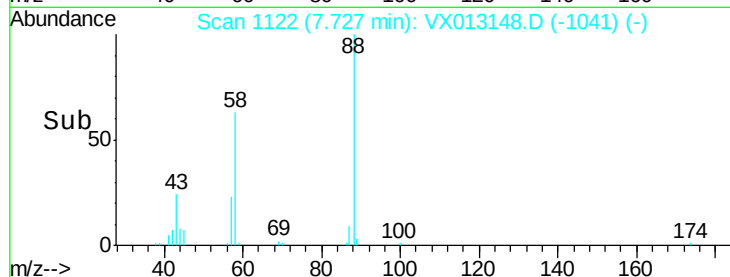
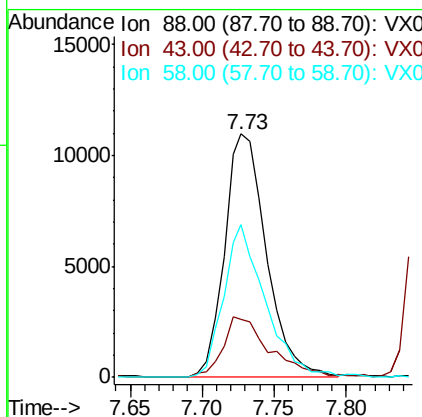
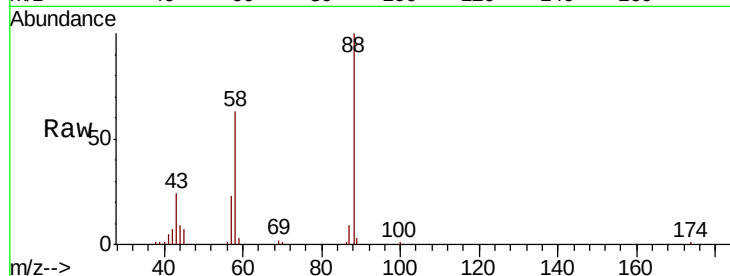
#45
 1,4-Dioxane
 Concen: 414.476 ug/l
 RT: 7.73 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: VX013148.D
 Acq: 21 Oct 2019 11:43

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.9	24.0	36.0
58	61.3	52.8	79.2

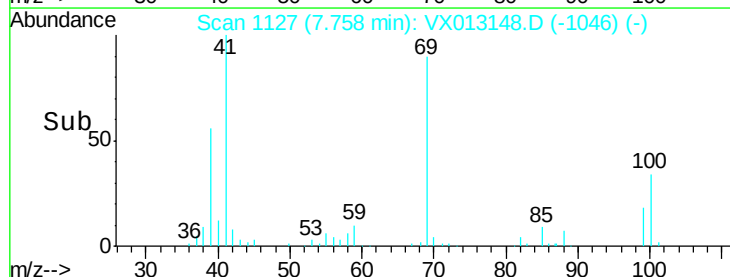
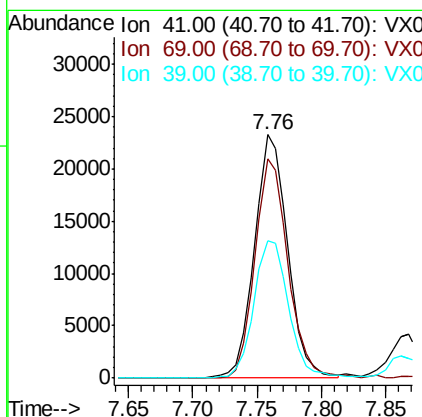
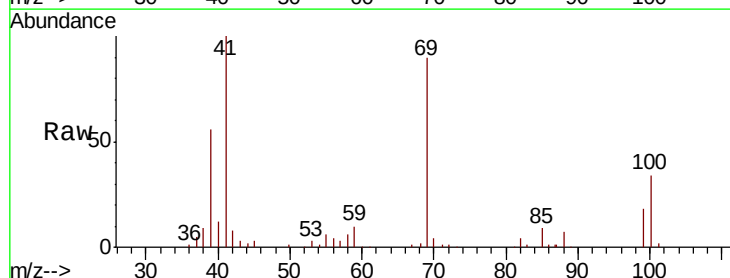
Manual Integrations
 APPROVED

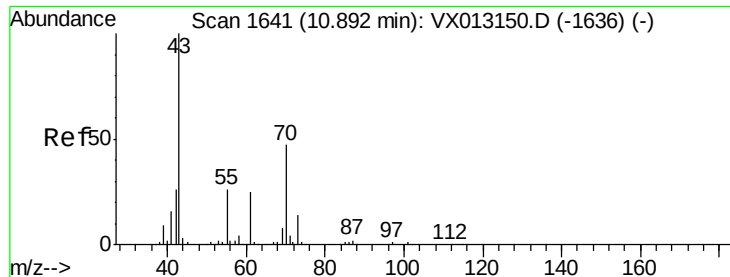
MMDadoda
 10/22/2019 12:30:02 PM



#46
 Methyl methacrylate
 Concen: 19.526 ug/l
 RT: 7.76 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: VX013148.D
 Acq: 21 Oct 2019 11:43

Tgt Ion	Ratio	Lower	Upper
41	100		
69	90.0	47.8	143.3
39	56.3	28.5	85.5





#47

n-amvl Acetate

Concen: 19.438 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013148.D

Acq: 21 Oct 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 43 Resp: 71198

Ion Ratio Lower Upper

43 100

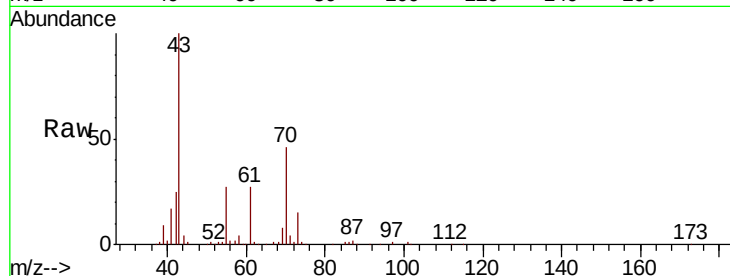
55 26.6 20.9 31.3

Manual Integrations

APPROVED

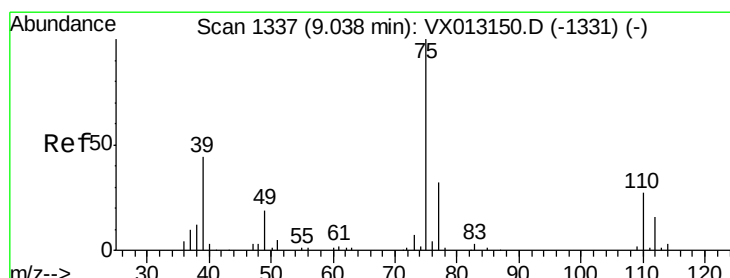
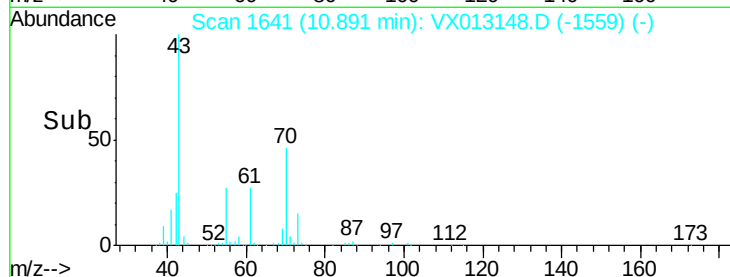
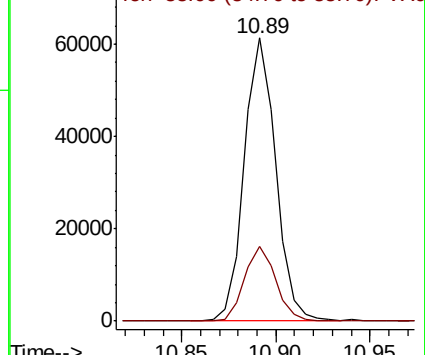
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 21.040 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX013148.D

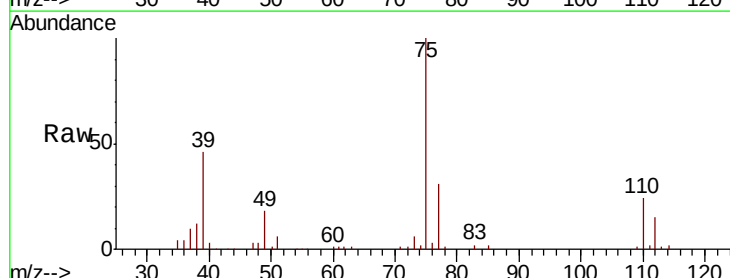
Acq: 21 Oct 2019 11:43

Tgt Ion: 75 Resp: 59802

Ion Ratio Lower Upper

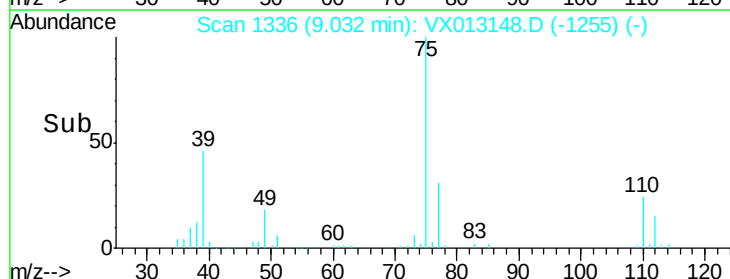
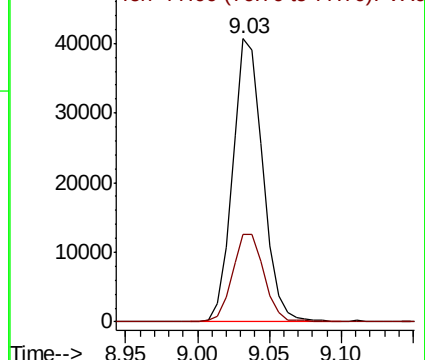
75 100

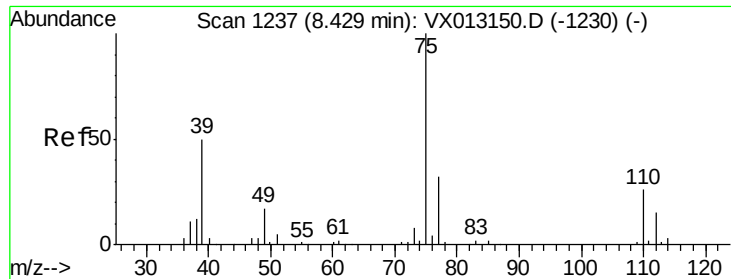
77 31.1 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





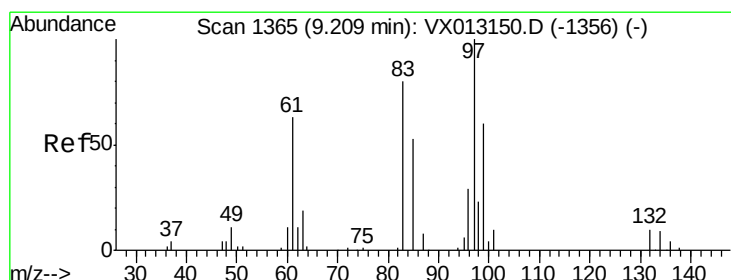
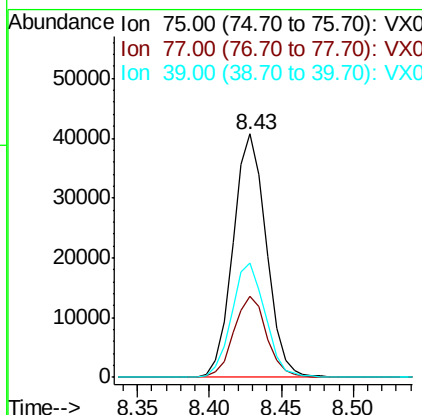
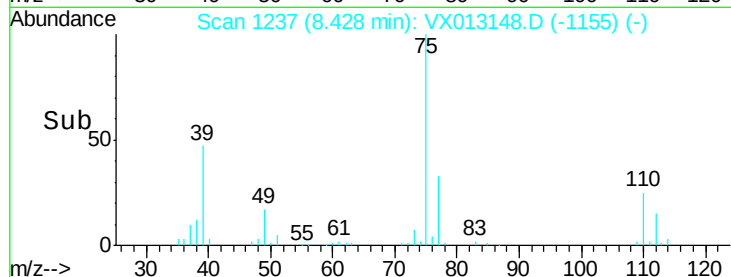
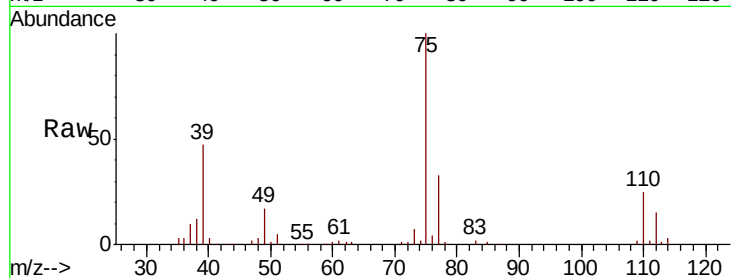
#49
 cis-1,3-Dichloropropene
 Concen: 21.026 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX013148.D
 Acq: 21 Oct 2019 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.2	25.8	38.8
39	47.2	39.7	59.5

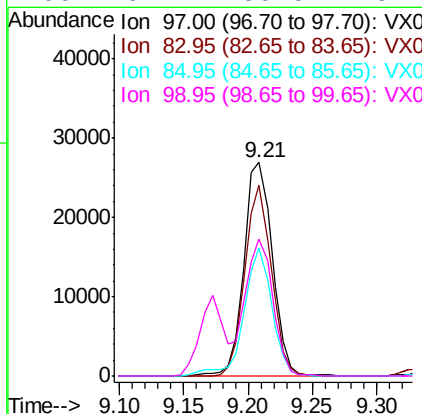
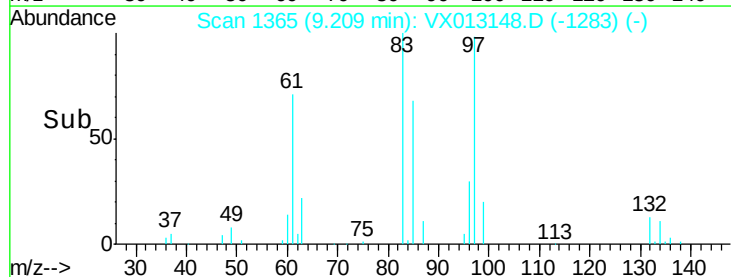
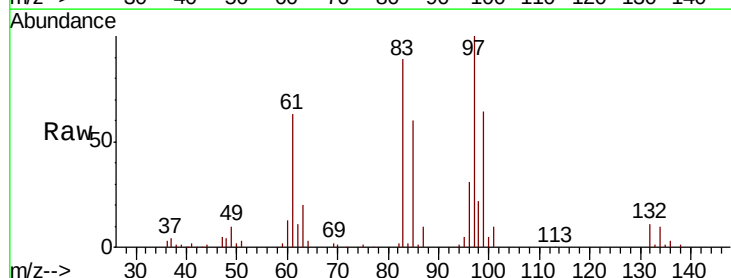
Manual Integrations
 APPROVED

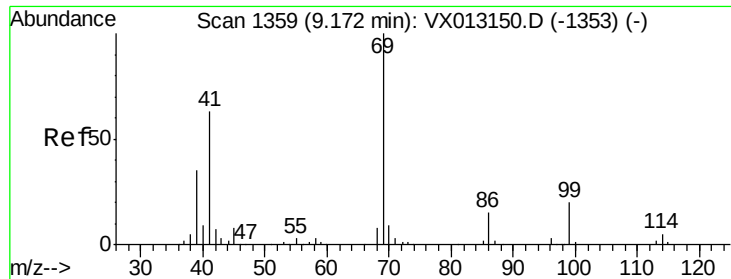
MMDadoda
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#50
 1,1,2-Trichloroethane
 Concen: 21.067 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013148.D
 Acq: 21 Oct 2019 11:43

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.2	64.2	96.4
85	60.1	42.7	64.1
99	64.2	50.5	75.7





#51

Ethyl methacrylate

Concen: 20.535 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX013148.D

Acq: 21 Oct 2019 11:43

Instrument :

MSVOA_X

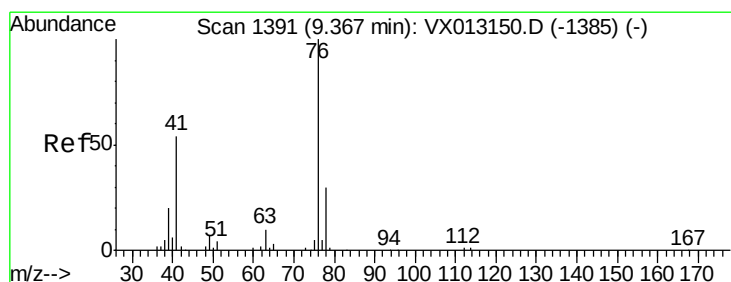
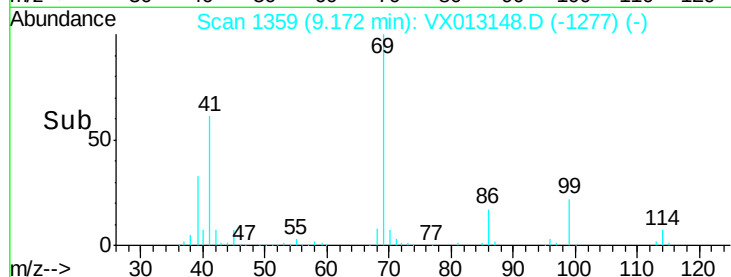
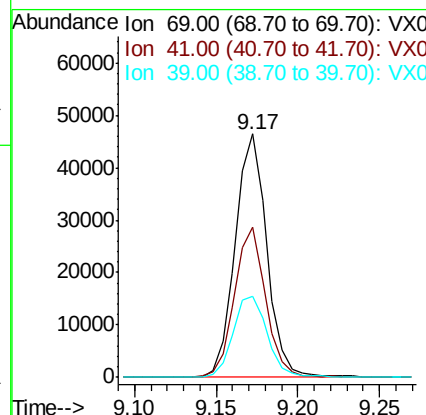
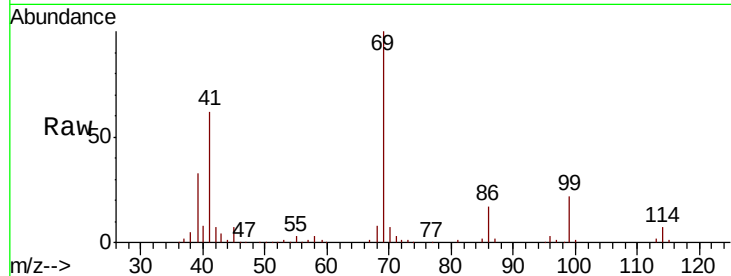
ClientSampleId :

VSTDCCC020

Tot Ion:	69	Resp:	62695
Ion Ratio	Lower	Upper	
69	100		
41	61.6	31.6	95.0
39	33.1	17.7	53.1

Manual Integrations
APPROVED

MMDadoda
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#52

1,3-Dichloropropane

Concen: 21.358 ug/l

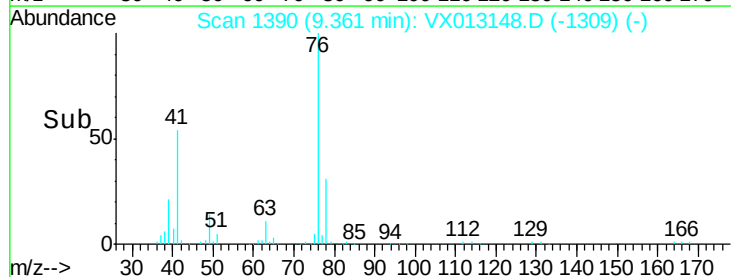
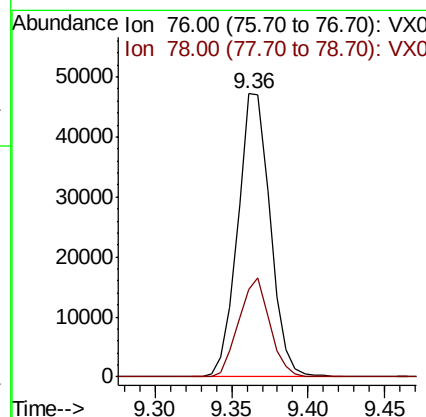
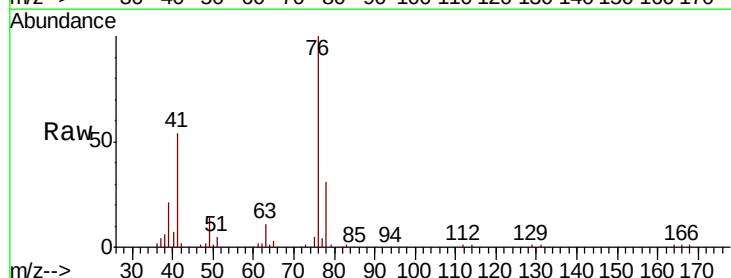
RT: 9.36 min Scan# 1390

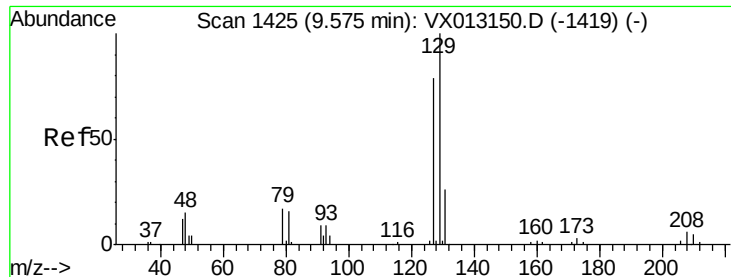
Delta R.T. -0.01 min

Lab File: VX013148.D

Acq: 21 Oct 2019 11:43

Tgt Ion:	76	Resp:	69488
Ion Ratio	Lower	Upper	
76	100		
78	33.3	0.0	64.6





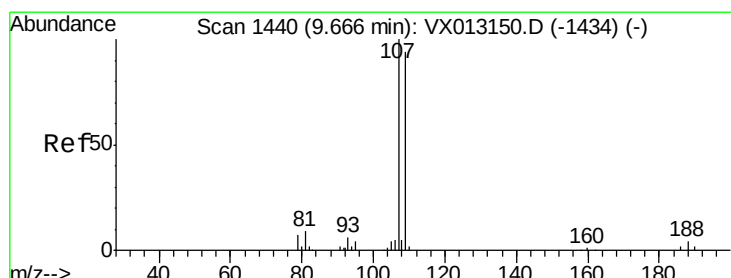
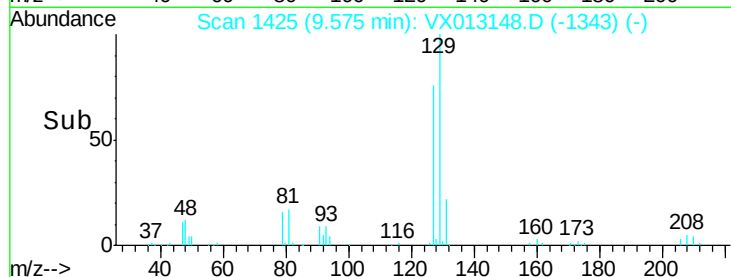
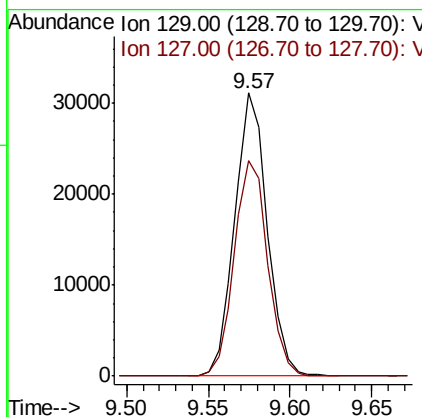
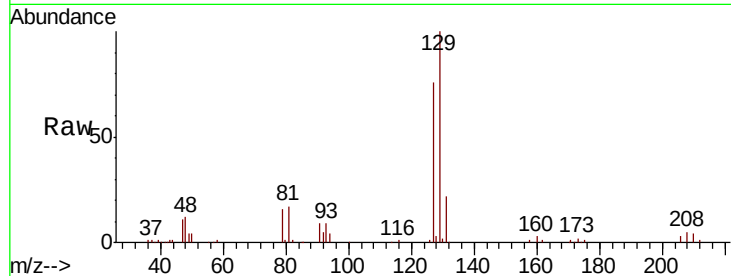
#53
Dibromochloromethane
Concen: 21.524 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013148.D
Acq: 21 Oct 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:129 Resp: 43244
Ion Ratio Lower Upper
129 100
127 78.0 39.4 118.2

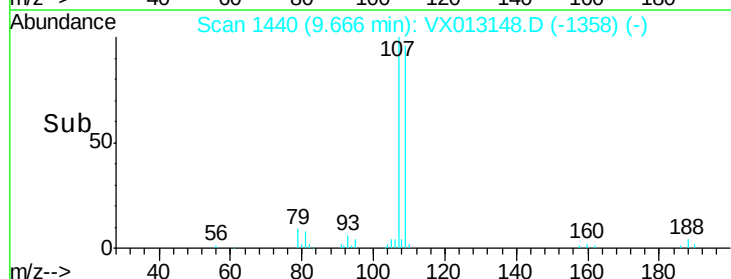
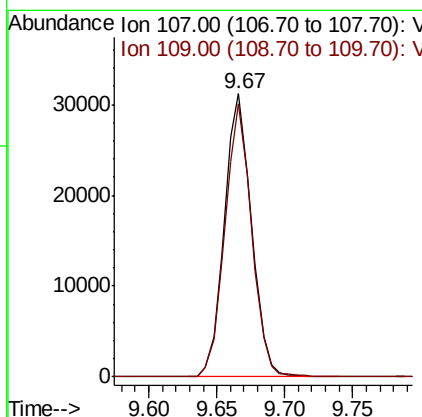
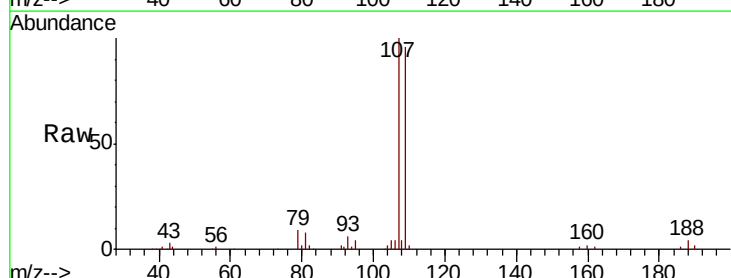
Manual Integrations
APPROVED

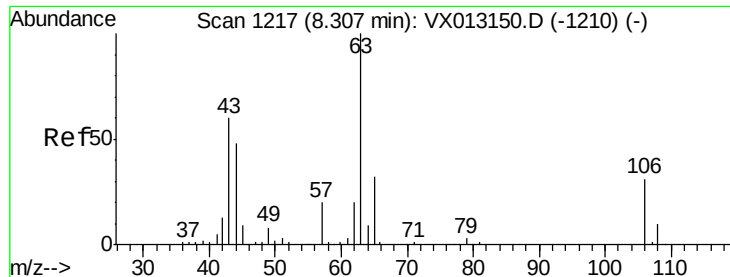
MMDadoda
10/22/2019 12:30:02 PM



#54
1,2-Dibromoethane
Concen: 21.118 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. -0.00 min
Lab File: VX013148.D
Acq: 21 Oct 2019 11:43

Tgt Ion:107 Resp: 43143
Ion Ratio Lower Upper
107 100
109 95.0 75.4 113.0





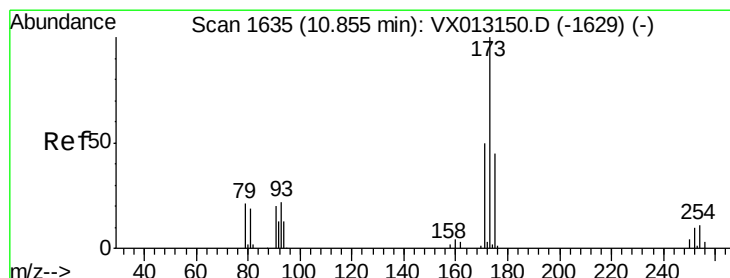
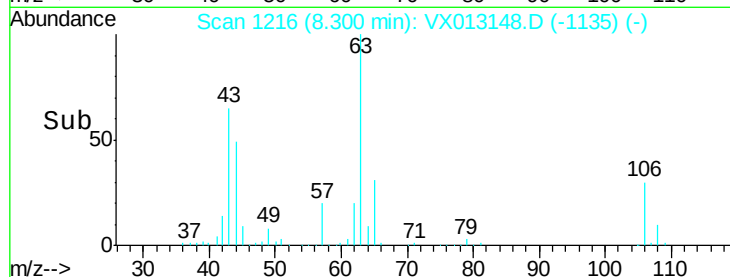
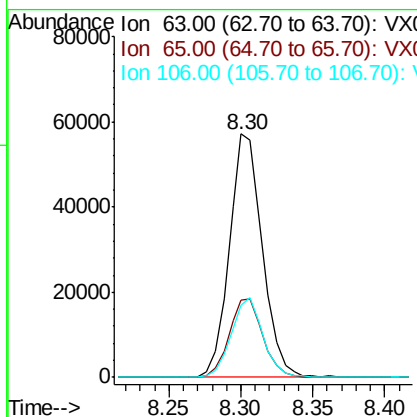
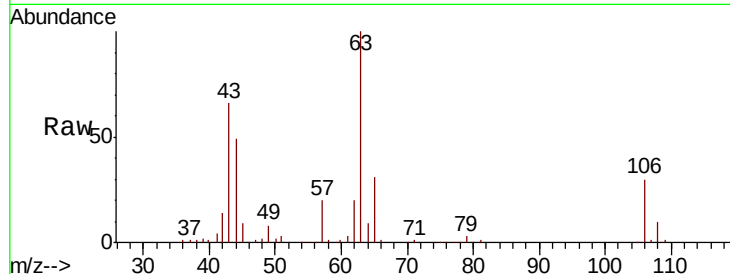
#55
2-Chloroethyl vinyl ether
Concen: 69.624 ug/l
RT: 8.30 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VX013148.D
Acq: 21 Oct 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.7	25.5	38.3
106	31.5	24.8	37.2

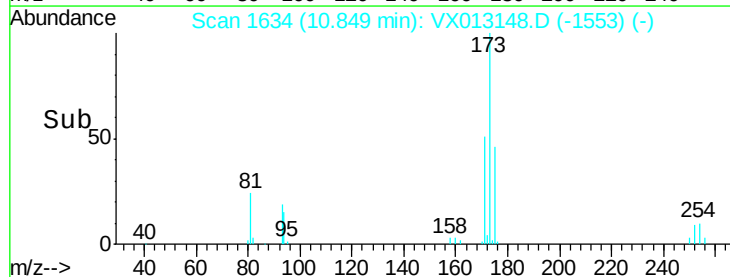
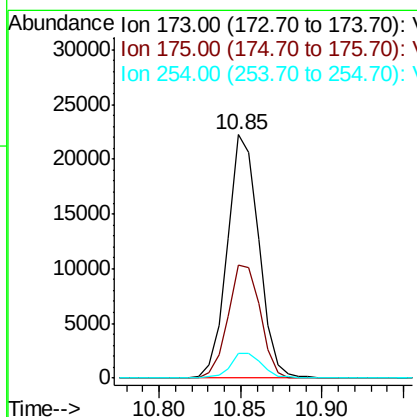
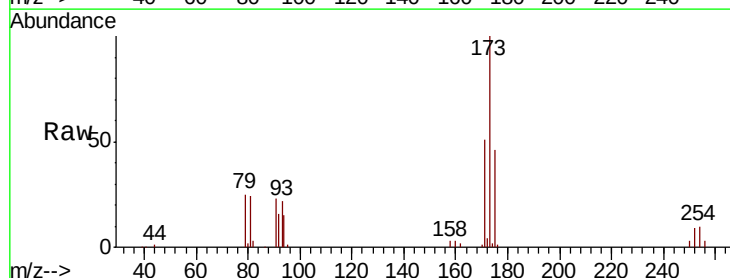
Manual Integrations
APPROVED

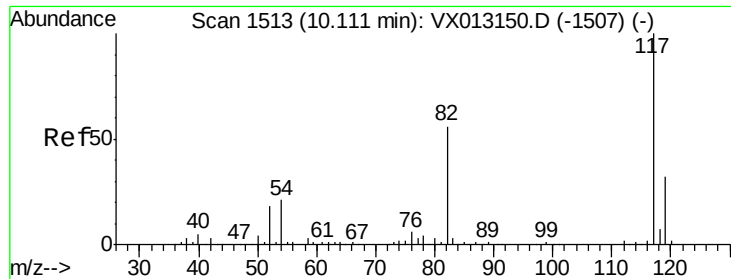
MMDadoda
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#56
Bromoform
Concen: 21.208 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX013148.D
Acq: 21 Oct 2019 11:43

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.5	39.0	58.4
254	10.2	8.1	12.1





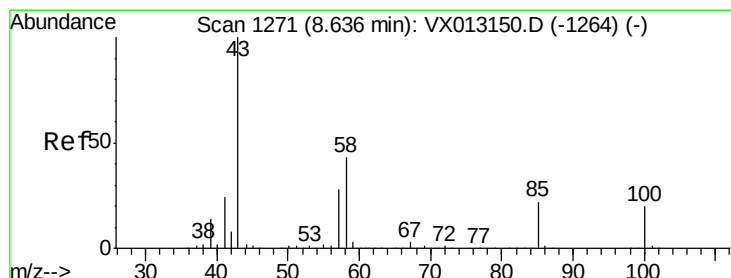
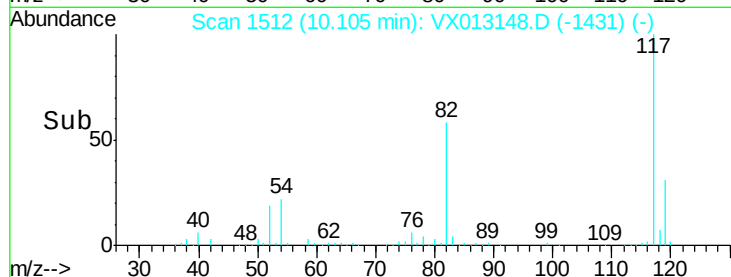
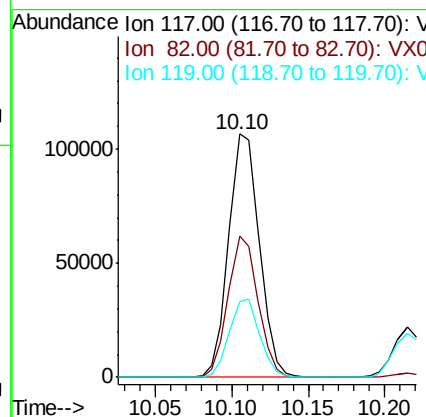
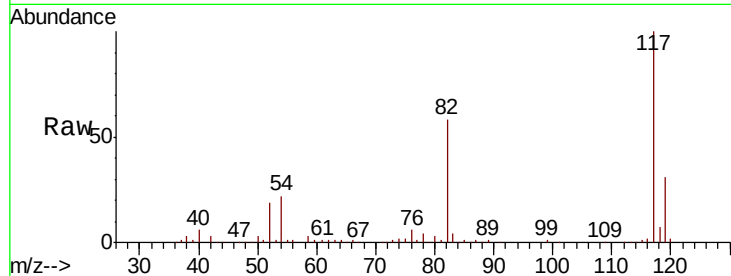
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013148.D
Acq: 21 Oct 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.6	46.0	69.0
119	32.0	25.4	38.0

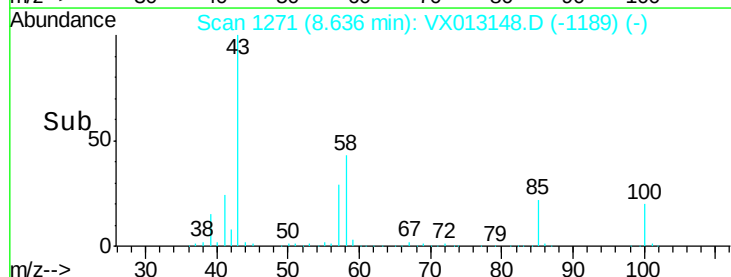
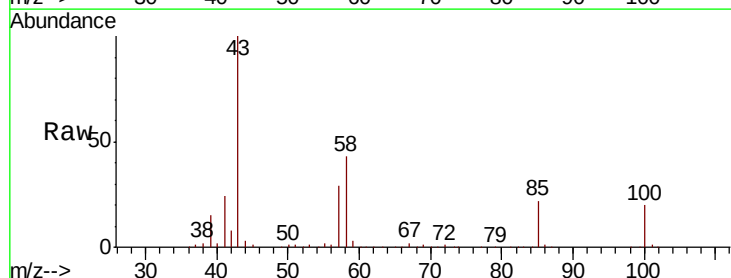
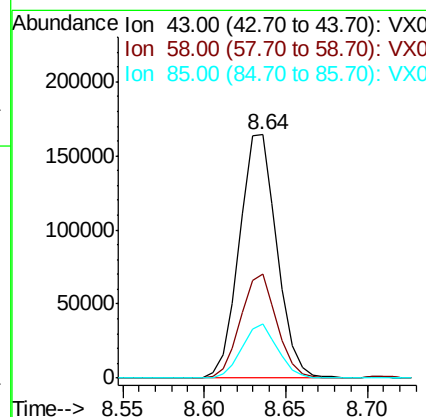
Manual Integrations
APPROVED

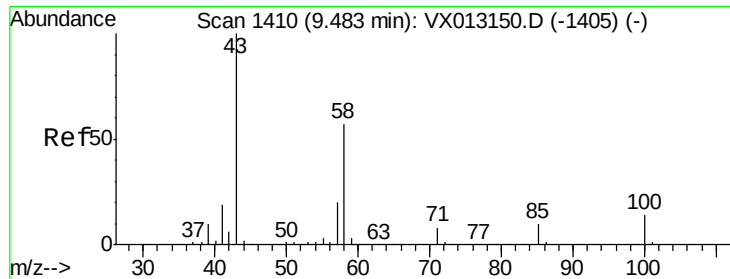
MMDadoda
10/22/2019 12:30:02 PM



#58
4-Methyl-2-Pentanone
Concen: 98.050 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013148.D
Acq: 21 Oct 2019 11:43

Tgt Ion	Ratio	Lower	Upper
43	100		
58	41.4	33.8	50.8
85	21.2	16.8	25.2





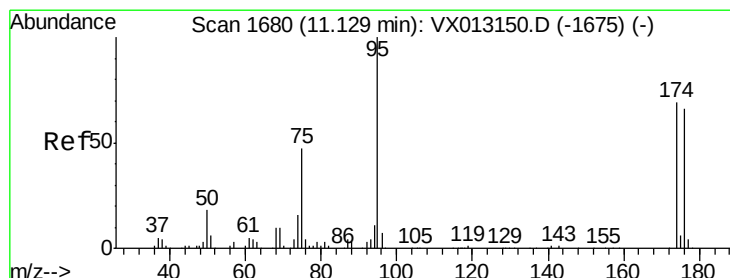
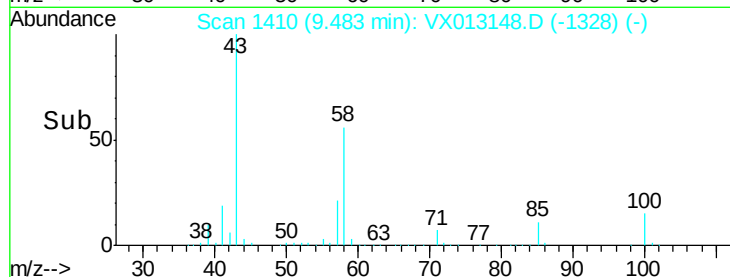
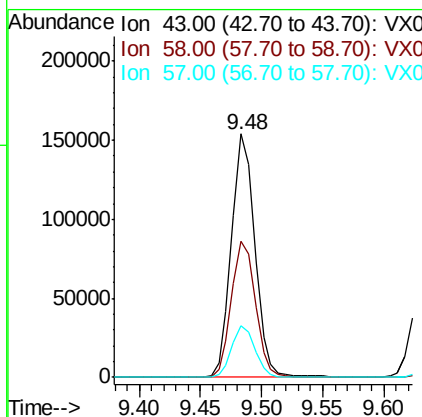
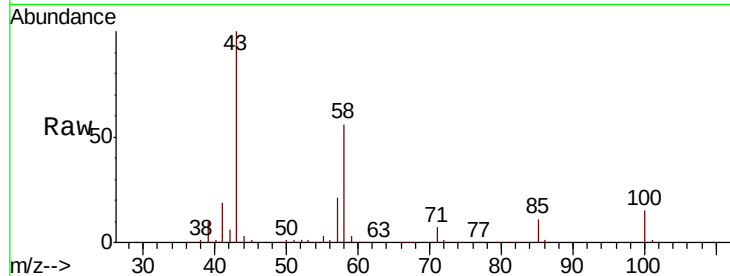
#59
2-Hexanone
Concen: 97.591 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013148.D
Acq: 21 Oct 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	57.4	46.6	69.8
57	21.1	16.9	25.3

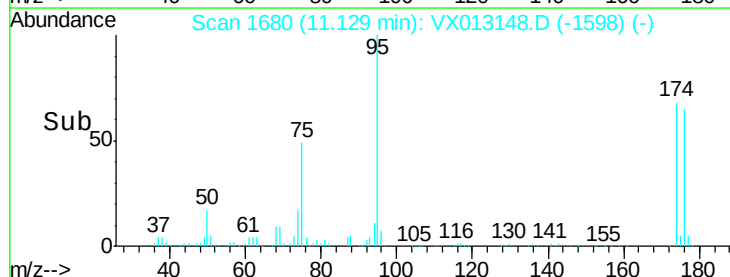
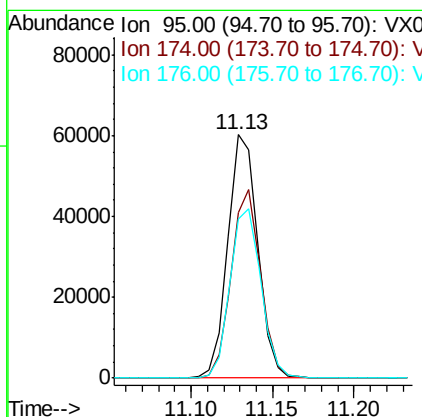
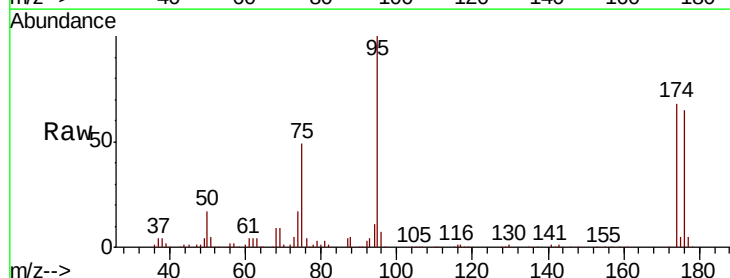
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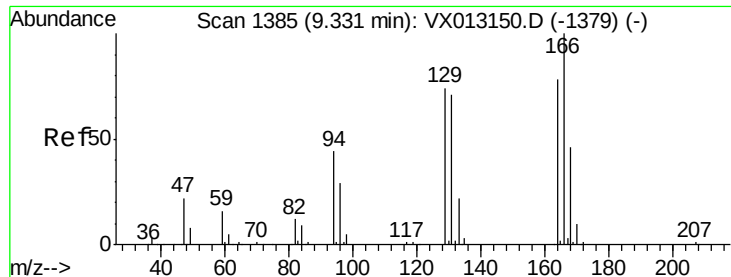
MMDadoda
10/22/2019 12:30:02 PM



#60
4-Bromofluorobenzene
Concen: 29.470 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX013148.D
Acq: 21 Oct 2019 11:43

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.2	60.0	90.0
176	72.1	58.5	87.7





#61

Tetrachloroethene

Concen: 23.498 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX013148.D

Acq: 21 Oct 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:164 Resp: 45001

Ion Ratio Lower Upper

164 100

166 125.9 102.6 153.8

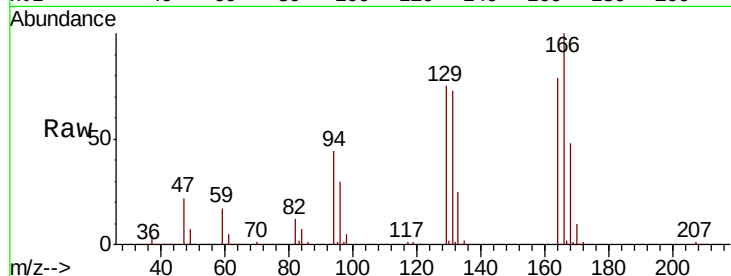
129 94.3 75.7 113.5

131 91.5 72.4 108.6

Manual Integrations
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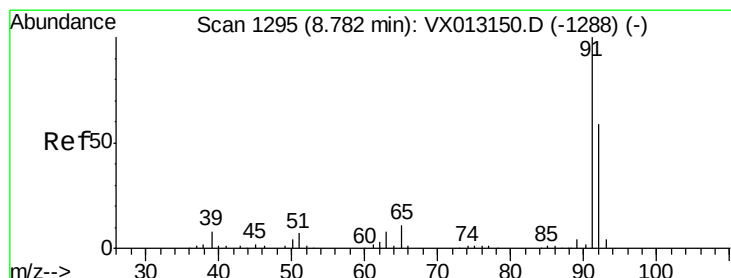
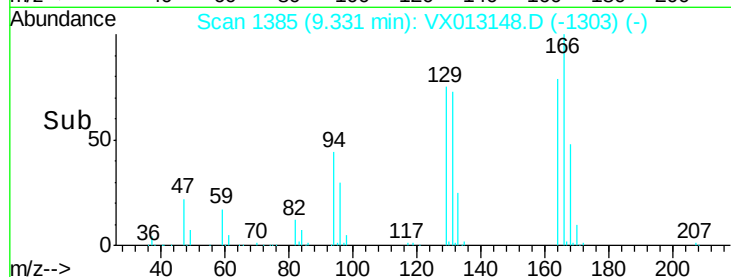
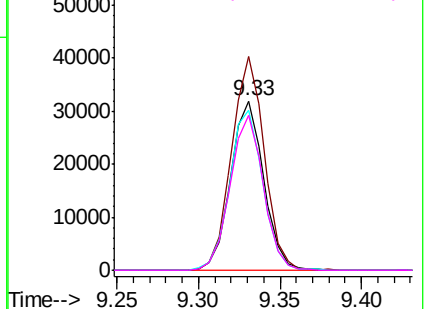
Abundance

Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 21.437 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013148.D

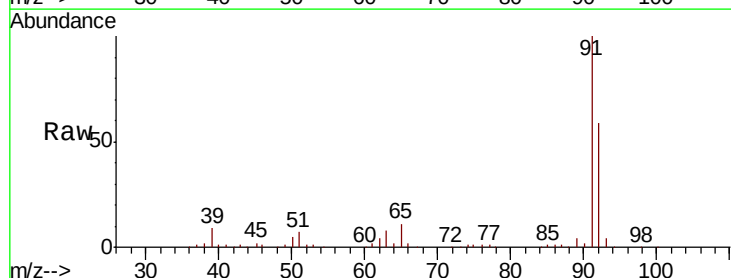
Acq: 21 Oct 2019 11:43

Tgt Ion: 91 Resp: 173864

Ion Ratio Lower Upper

91 100

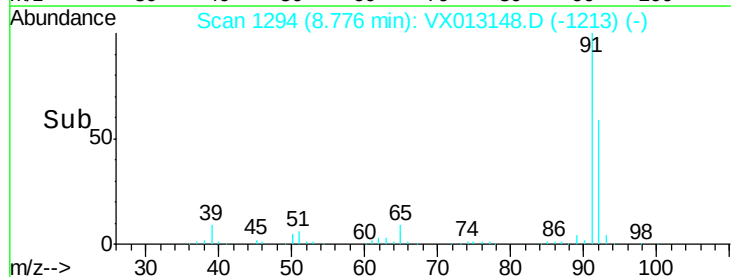
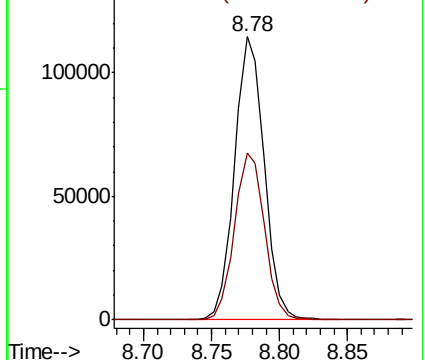
92 59.8 47.7 71.5

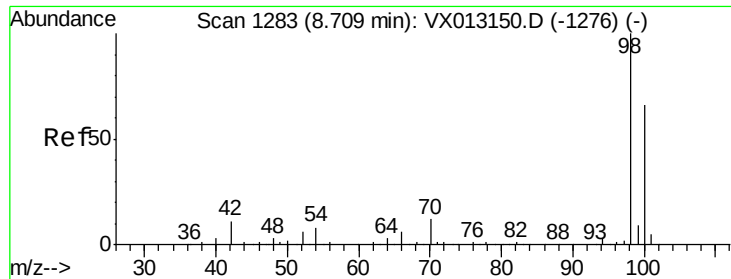


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





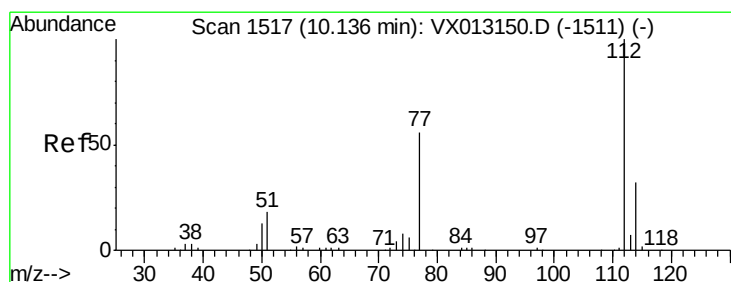
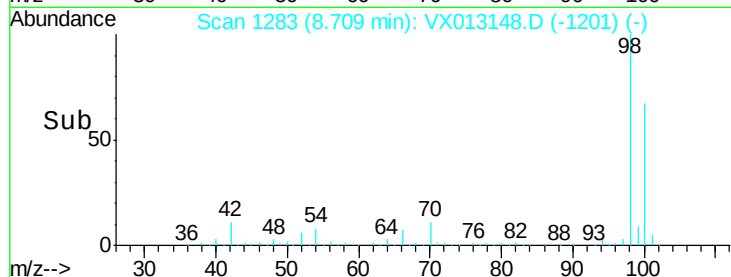
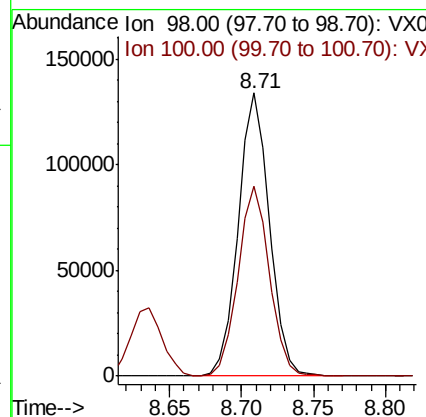
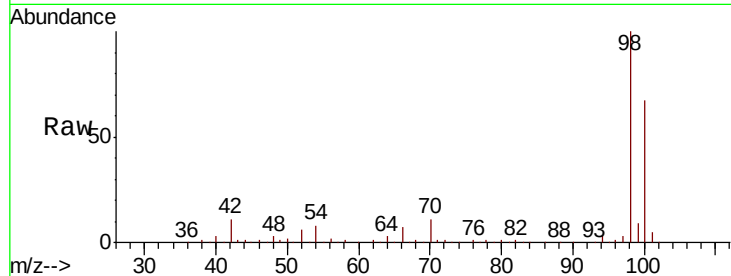
#63
Toluene-d8
Concen: 29.788 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013148.D
Acq: 21 Oct 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion: 98 Resp: 201928
Ion Ratio Lower Upper
98 100
100 67.5 53.1 79.7

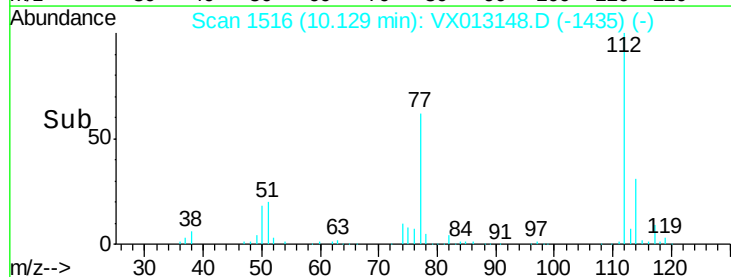
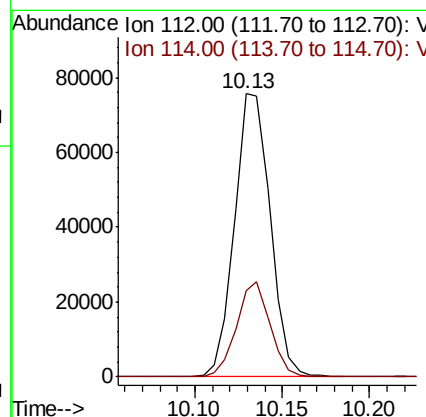
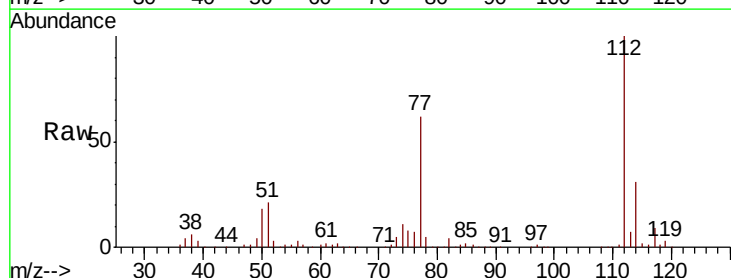
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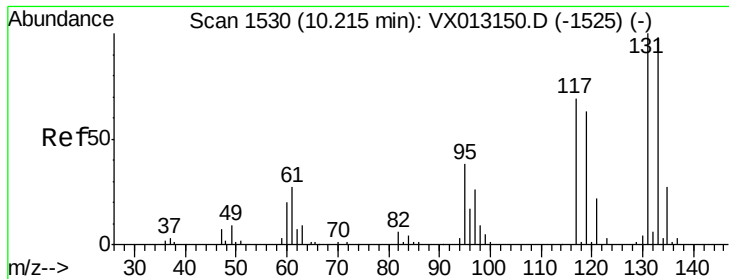
MMDadoda
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#64
Chlorobenzene
Concen: 20.893 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX013148.D
Acq: 21 Oct 2019 11:43

Tgt Ion: 112 Resp: 107764
Ion Ratio Lower Upper
112 100
114 30.4 25.5 38.3





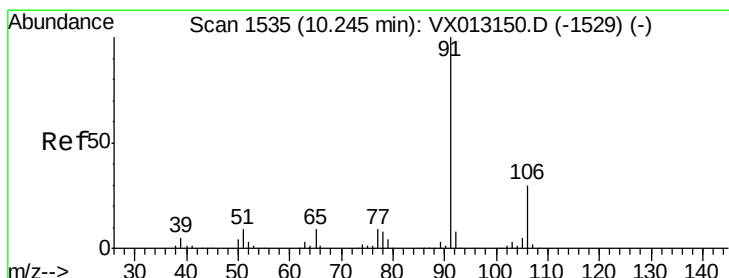
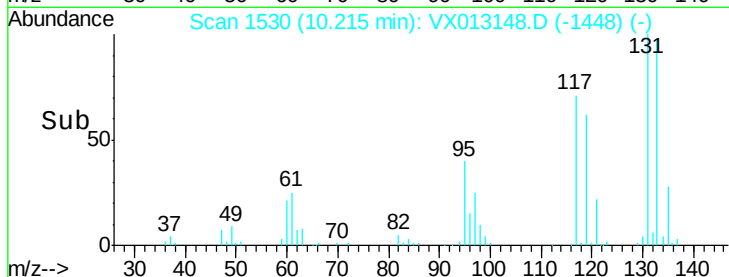
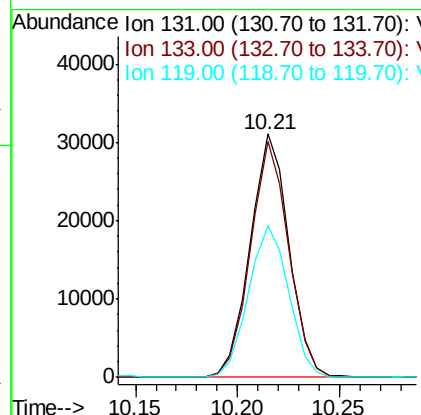
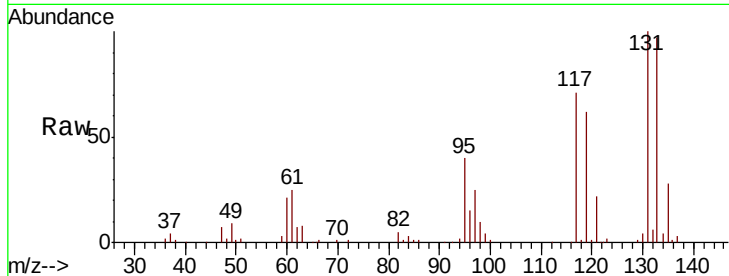
#65
1,1,1,2-Tetrachloroethane
Concen: 21.572 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013148.D
Acq: 21 Oct 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
131	100		
133	95.7	0.0	191.0
119	64.5	0.0	125.6

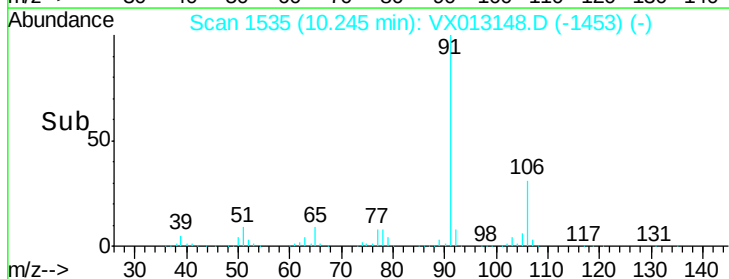
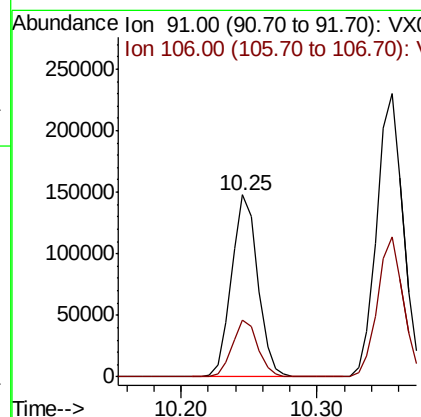
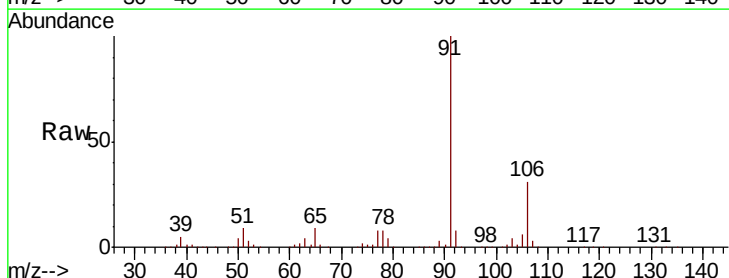
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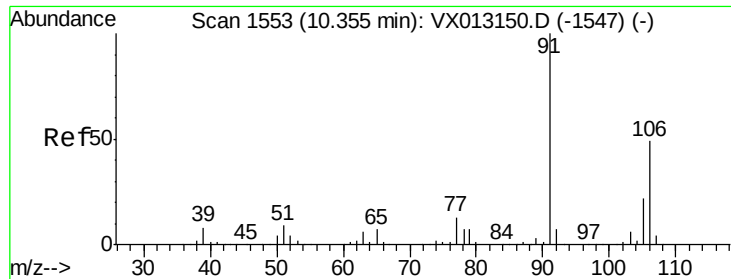
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#66
Ethyl Benzene
Concen: 21.306 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013148.D
Acq: 21 Oct 2019 11:43

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.2	23.8	35.6





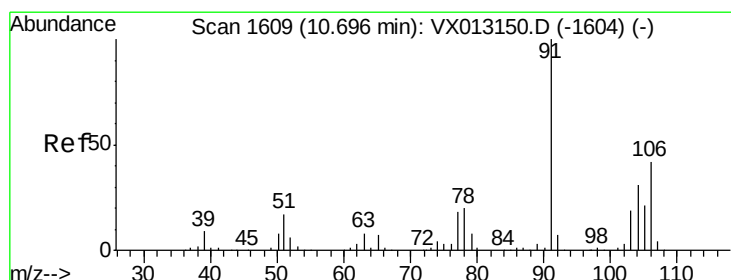
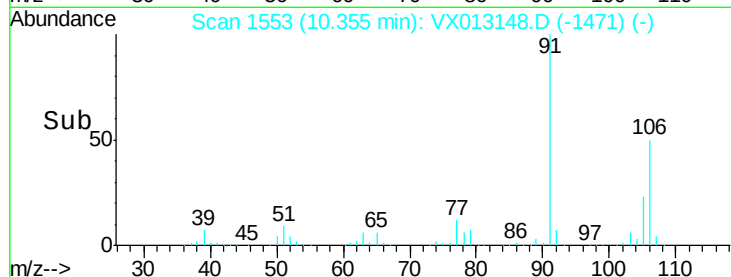
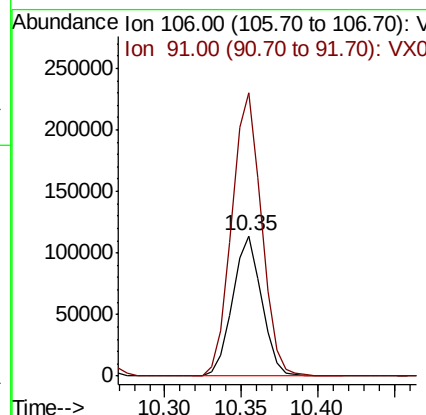
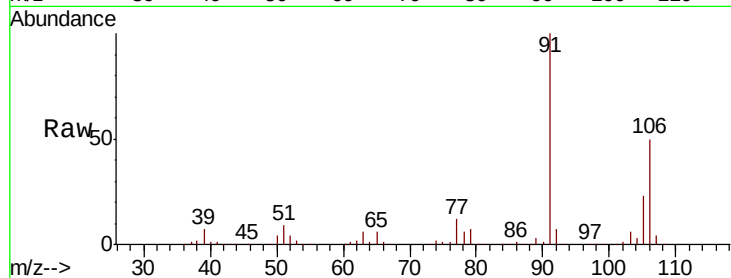
#67
m/p-Xylenes
Concen: 43.158 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013148.D
Acq: 21 Oct 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:106 Resp: 151057
Ion Ratio Lower Upper
106 100
91 205.2 163.7 245.5

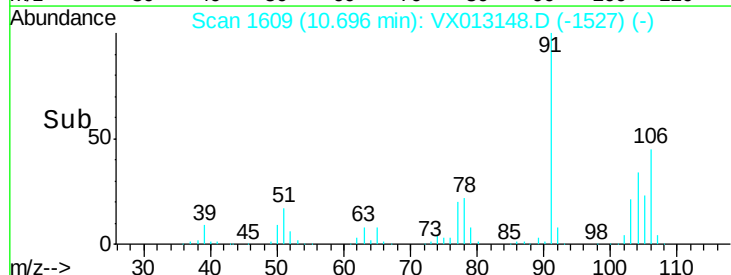
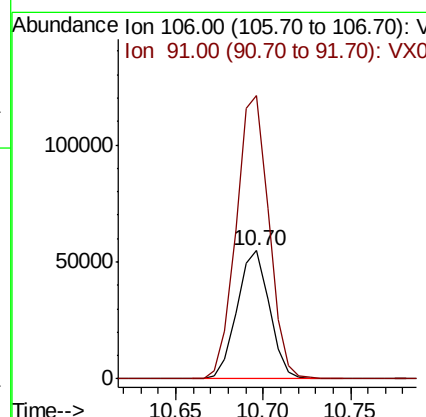
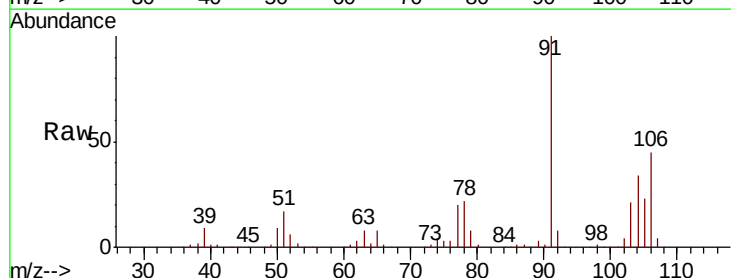
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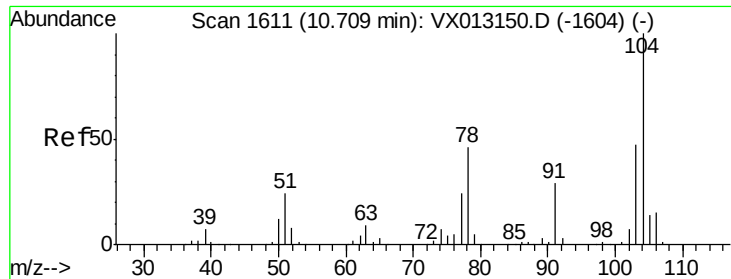
MMDadoda
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#68
o-Xylene
Concen: 21.014 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013148.D
Acq: 21 Oct 2019 11:43

Tgt Ion:106 Resp: 70904
Ion Ratio Lower Upper
106 100
91 222.7 113.6 340.8





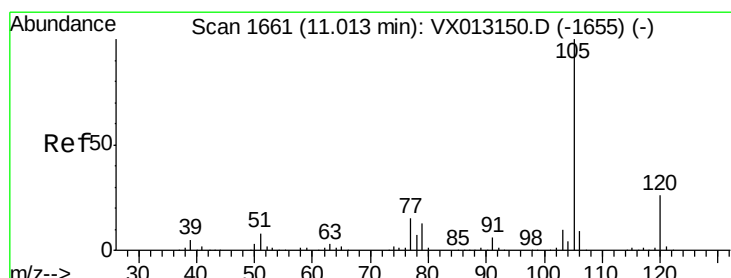
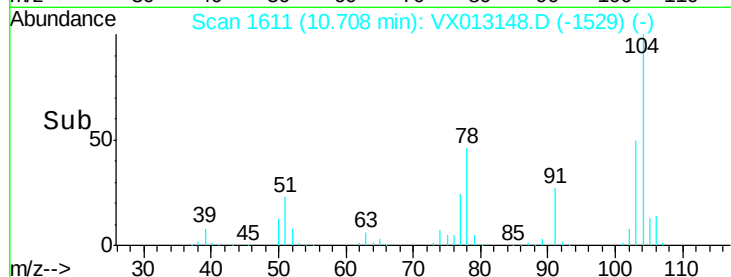
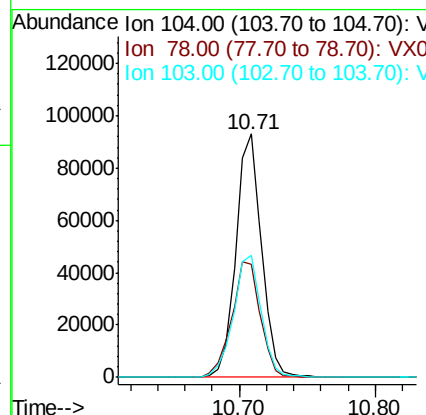
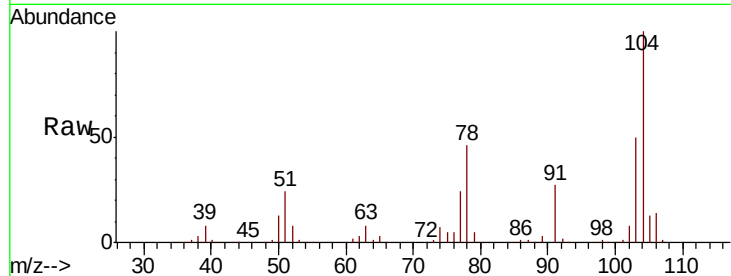
#69
Stvrene
Concen: 20.753 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013148.D
Acq: 21 Oct 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
104	100	121596		
78	53.3		42.3	63.5
103	54.8		42.2	63.2

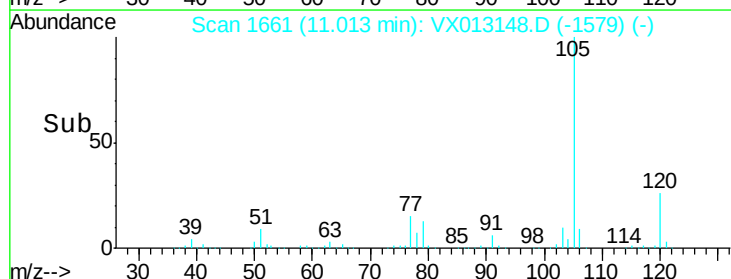
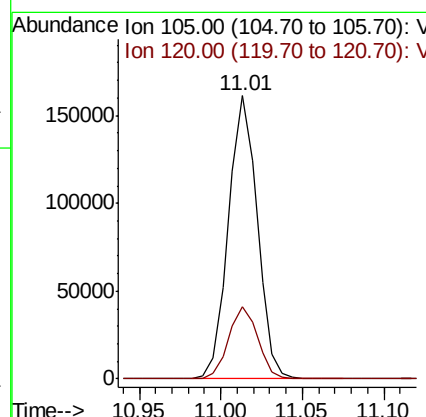
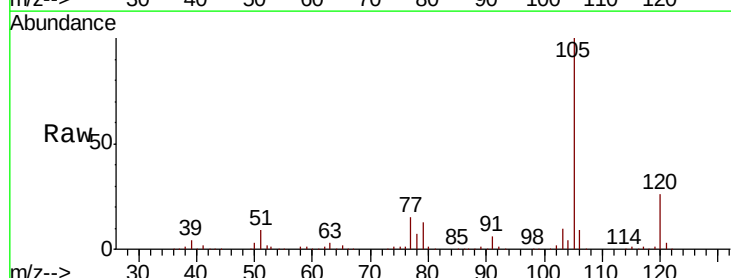
Manual Integrations
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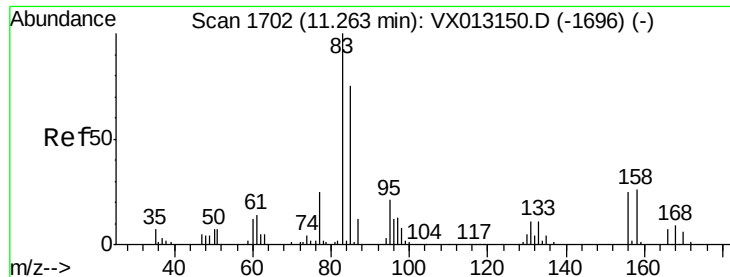
MMDadoda
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#70
Isopropylbenzene
Concen: 21.738 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013148.D
Acq: 21 Oct 2019 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	198612		
120	25.8		18.1	33.7





#71

1,1,2,2-Tetrachloroethane

Concen: 20.609 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013148.D

Acq: 21 Oct 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 83 Resp: 60175

Ion Ratio Lower Upper

83 100

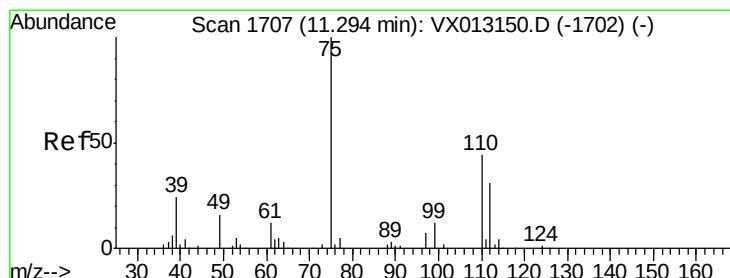
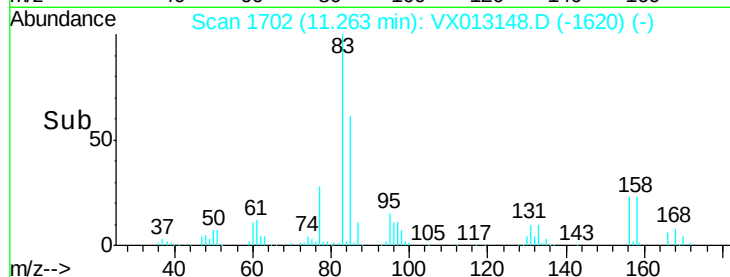
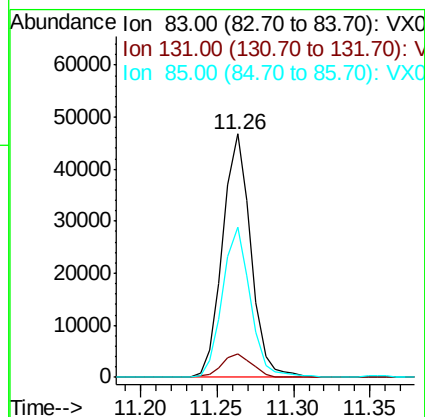
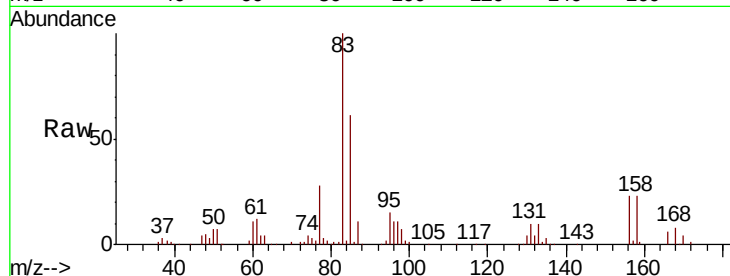
131 10.3 5.5 16.4

85 61.2 32.9 98.6

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#72

1,2,3-Trichloropropane

Concen: 19.447 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013148.D

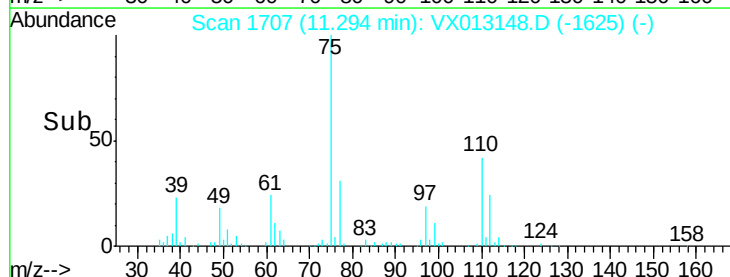
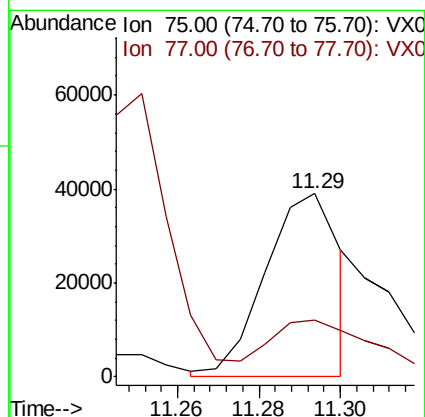
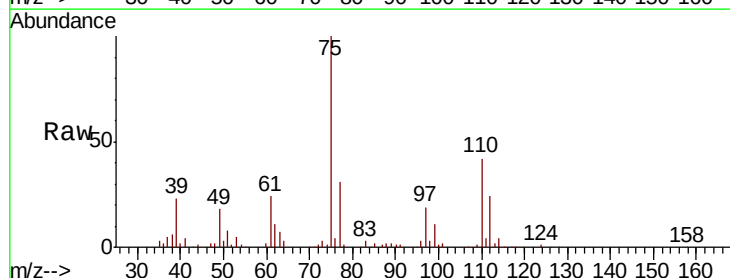
Acq: 21 Oct 2019 11:43

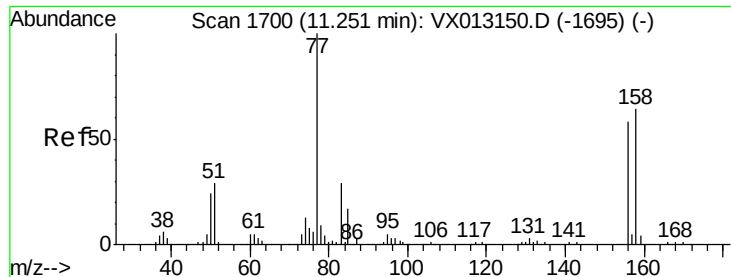
Tgt Ion: 75 Resp: 49174

Ion Ratio Lower Upper

75 100

77 43.5 0.0 74.0





#73

Bromobenzene

Concen: 21.412 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013148.D

Acq: 21 Oct 2019 11:43

Instrument :

MSVOA_X

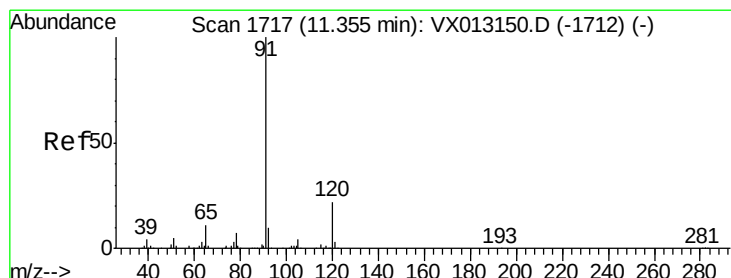
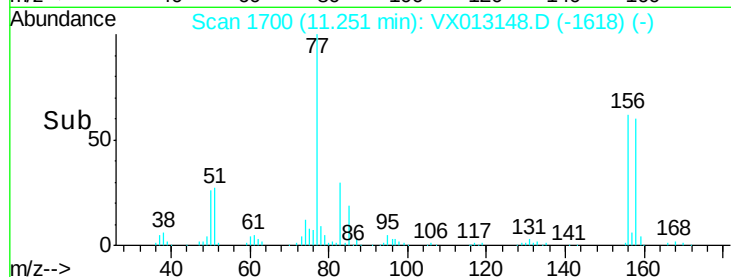
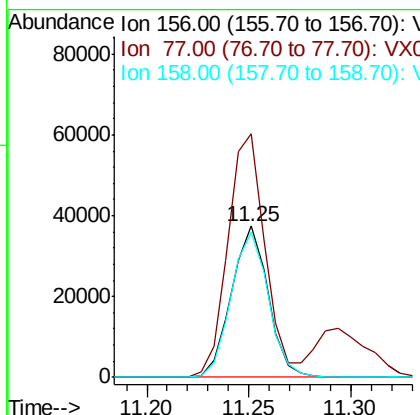
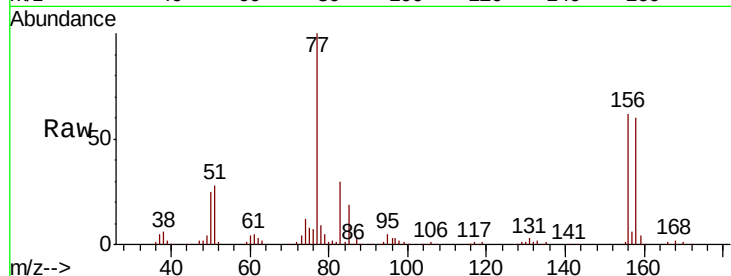
ClientSampleId :

VSTDCCC020

Tot Ion:	156	Resp:	46551
Ion	Ratio	Lower	Upper
156	100		
77	164.1	0.0	328.0
158	97.9	0.0	196.2

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#74

n-propylbenzene

Concen: 21.689 ug/l

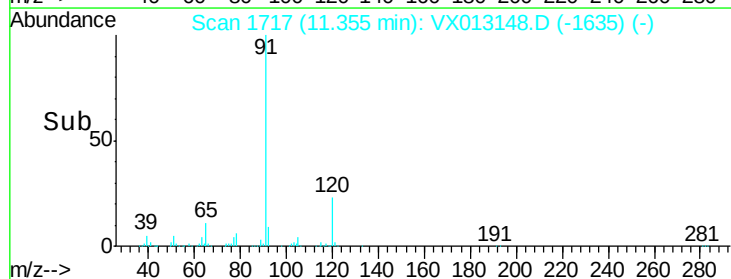
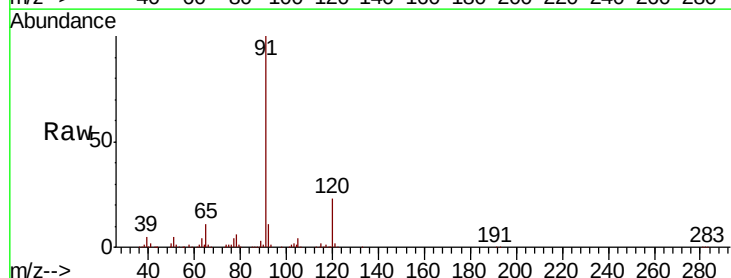
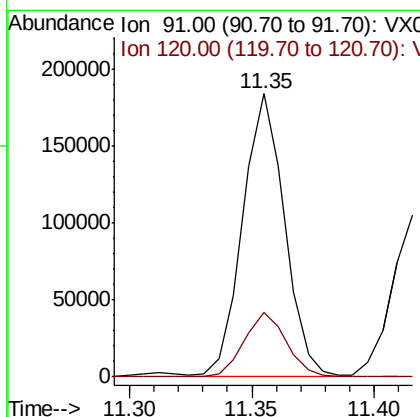
RT: 11.35 min Scan# 1717

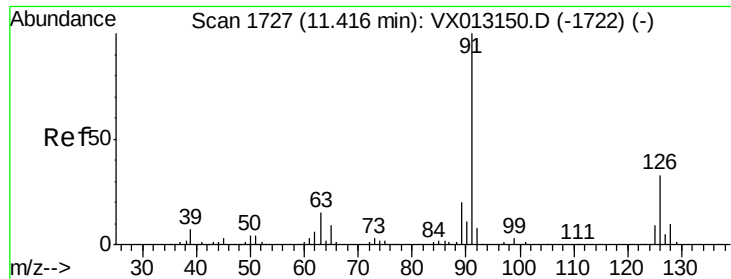
Delta R.T. -0.00 min

Lab File: VX013148.D

Acq: 21 Oct 2019 11:43

Tgt Ion:	91	Resp:	219706
Ion	Ratio	Lower	Upper
91	100		
120	22.8	0.0	45.2





#75

2-Chlorotoluene

Concen: 20.725 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013148.D

Acq: 21 Oct 2019 11:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 91 Resp: 130019

Ion Ratio Lower Upper

91 100

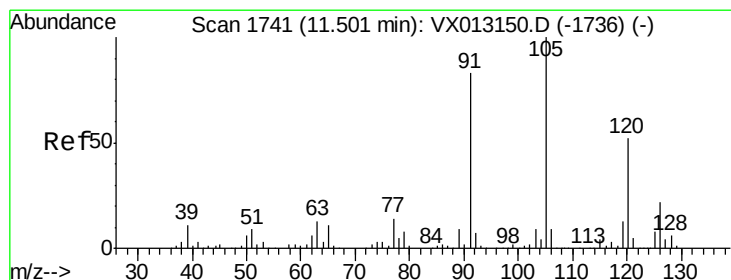
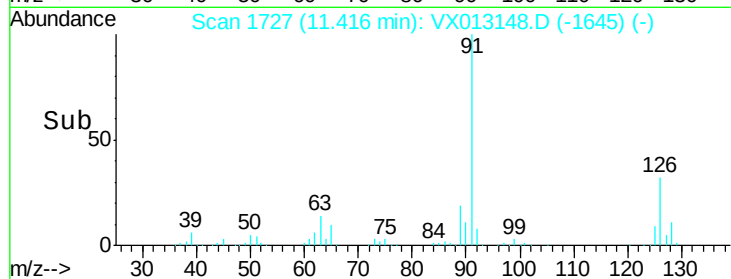
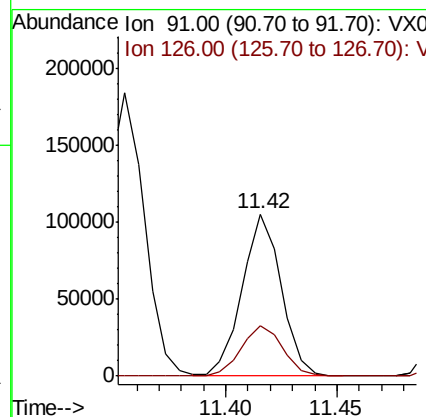
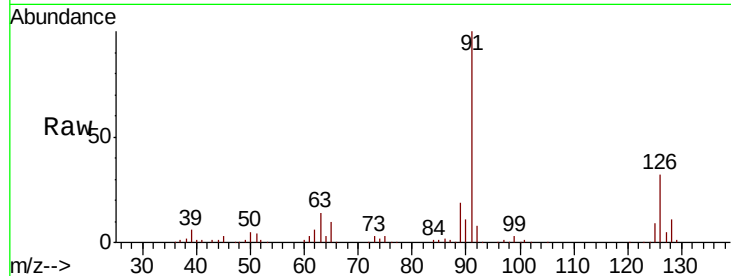
126 33.0 0.0 63.8

Manual Integrations

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#76

1,3,5-Trimethylbenzene

Concen: 20.690 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013148.D

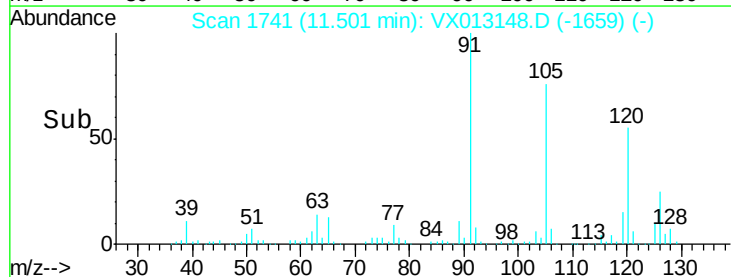
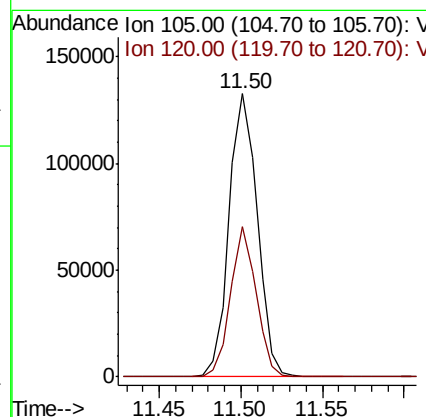
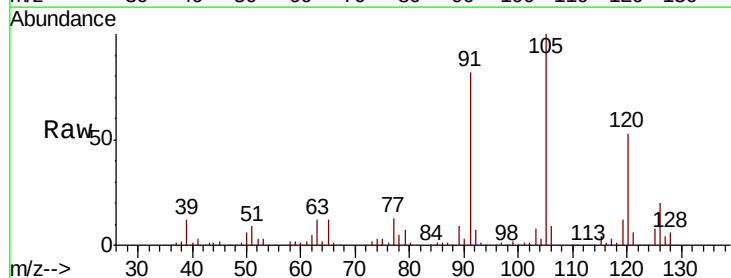
Acq: 21 Oct 2019 11:43

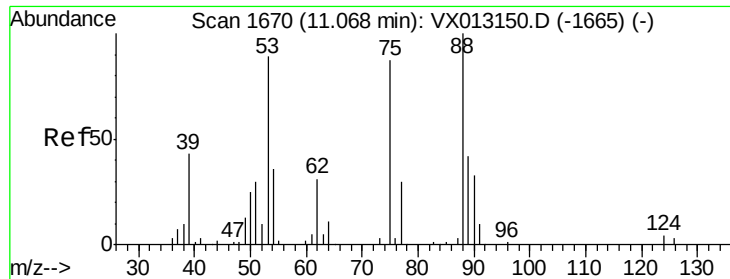
Tgt Ion: 105 Resp: 159772

Ion Ratio Lower Upper

105 100

120 48.3 0.0 98.0





#77

t-1,4-Dichloro-2-butene

Concen: 20.167 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013148.D

Acq: 21 Oct 2019 11:43

Instrument :

MSVOA_X

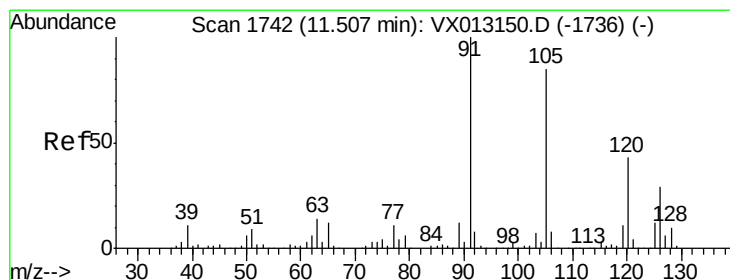
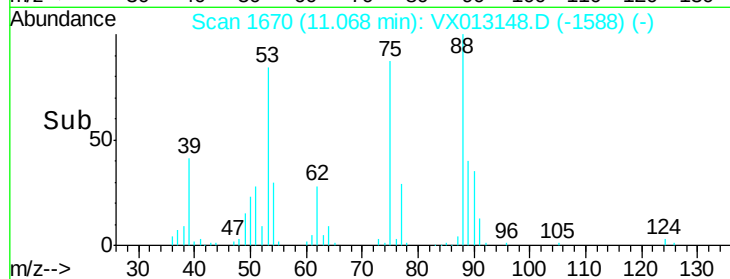
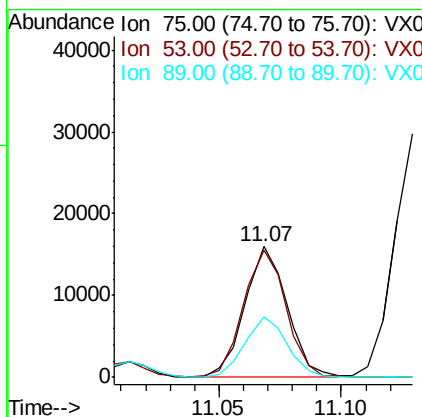
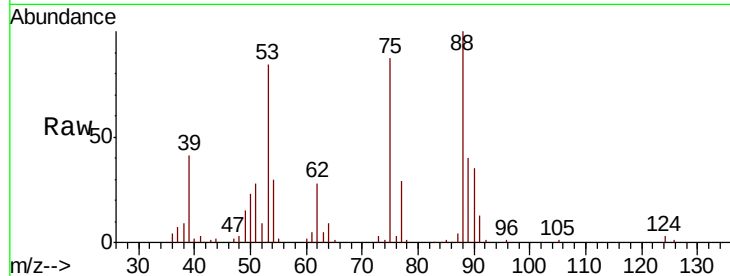
ClientSampleId :

VSTDCCC020

Tot Ion:	75	Resp:	19326
Ion	Ratio	Lower	Upper
75	100		
53	97.5	51.1	153.4
89	46.6	24.1	72.4

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#78

4-Chlorotoluene

Concen: 20.544 ug/l

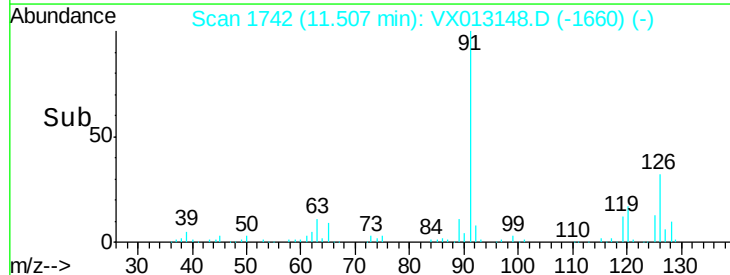
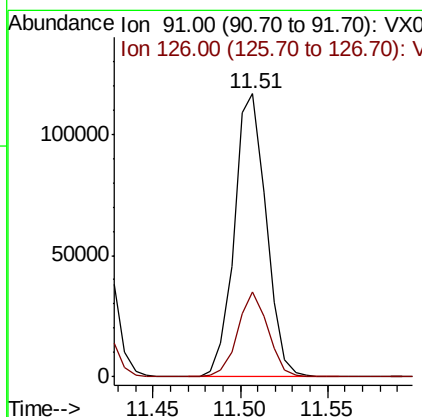
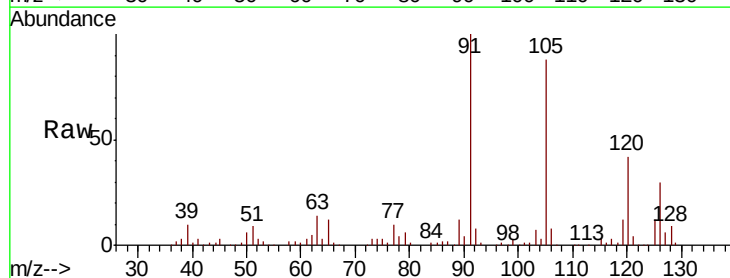
RT: 11.51 min Scan# 1742

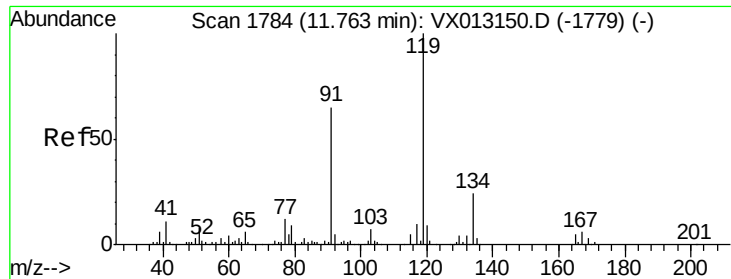
Delta R.T. -0.00 min

Lab File: VX013148.D

Acq: 21 Oct 2019 11:43

Tgt Ion:	91	Resp:	147937
Ion	Ratio	Lower	Upper
91	100		
126	28.7	0.0	58.4





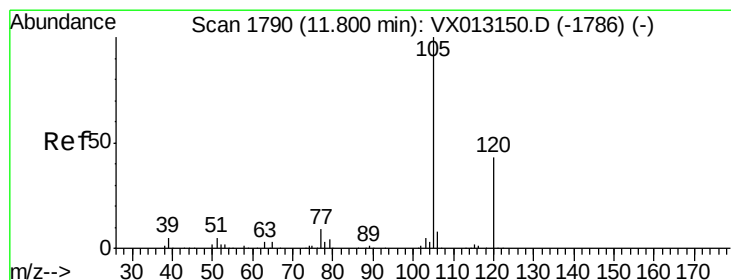
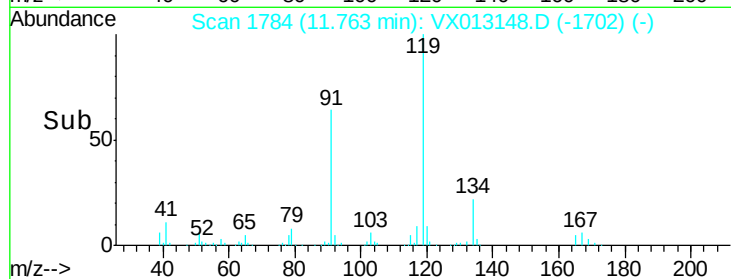
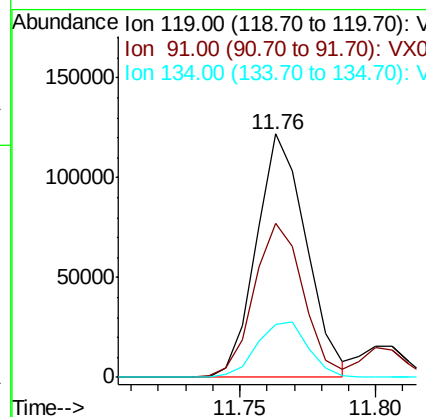
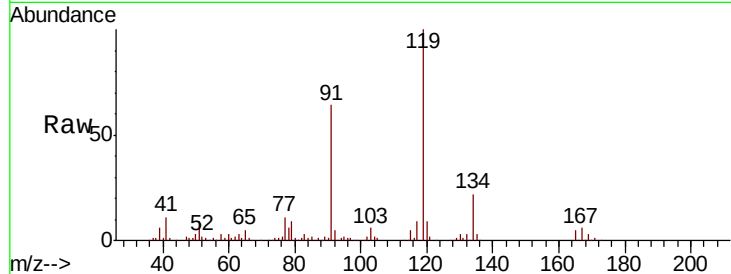
#79
tert-butylbenzene
Concen: 21.336 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX013148.D
Acq: 21 Oct 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	154876		
91	63.2	0.0	128.4	
134	23.5	0.0	49.0	

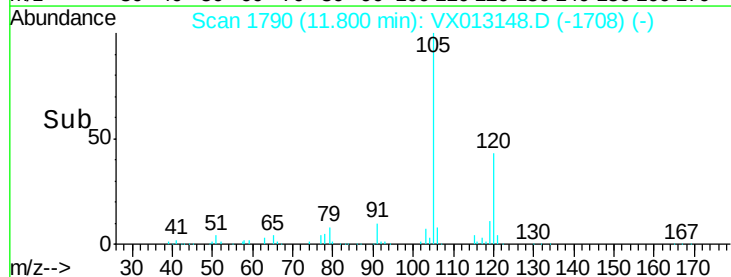
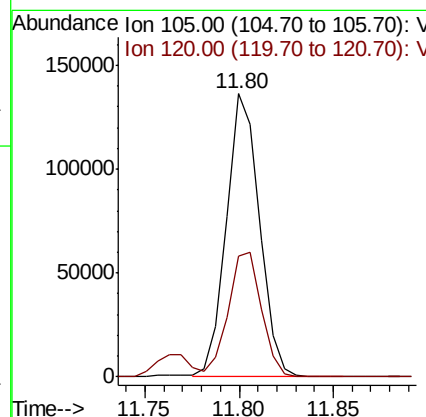
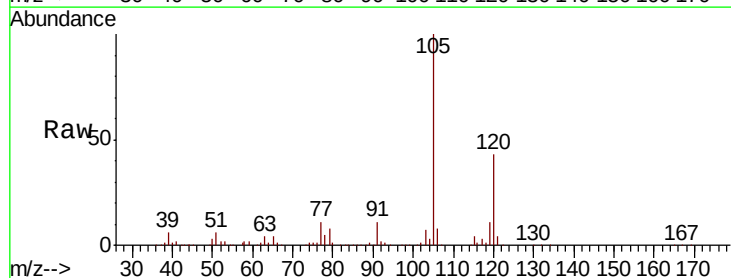
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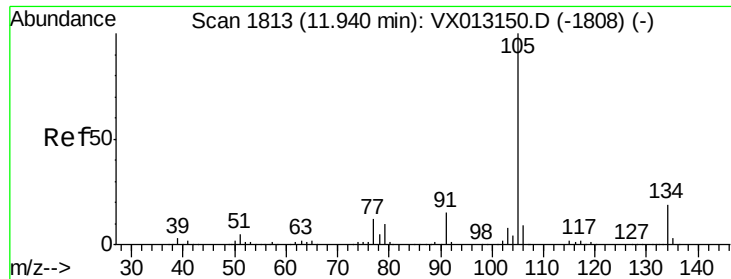
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#80
1,2,4-Trimethylbenzene
Concen: 21.623 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX013148.D
Acq: 21 Oct 2019 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	166063		
120	44.4	0.0	87.4	





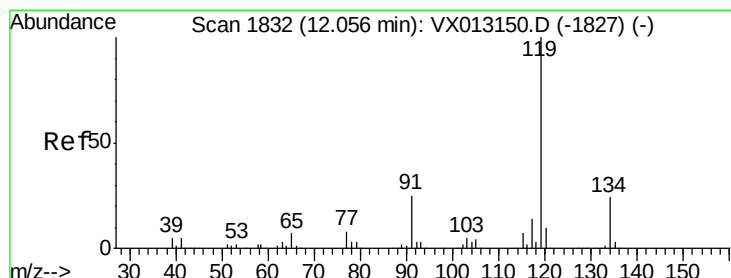
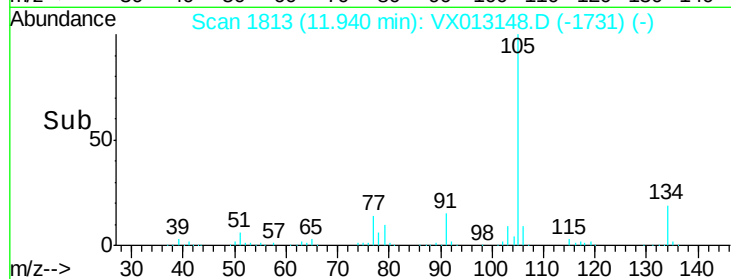
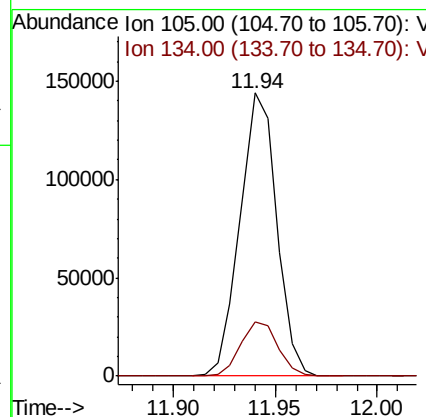
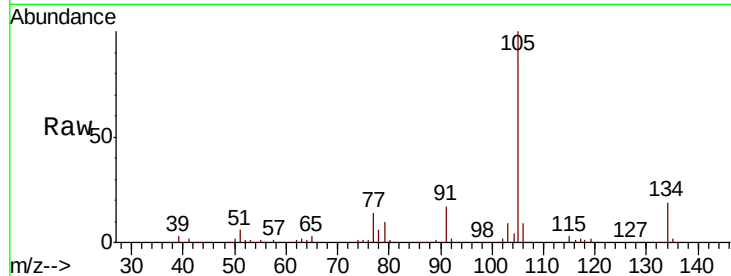
#81
 sec-Butylbenzene
 Concen: 20.415 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013148.D
 Acq: 21 Oct 2019 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.8	0.0	39.2

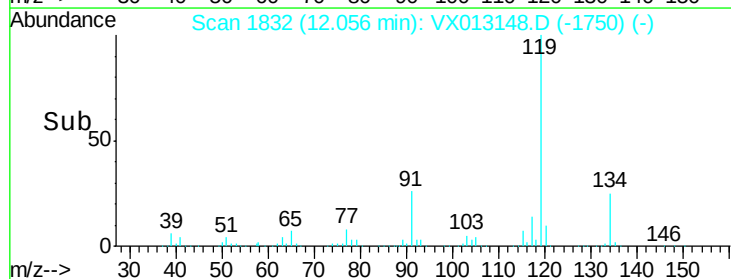
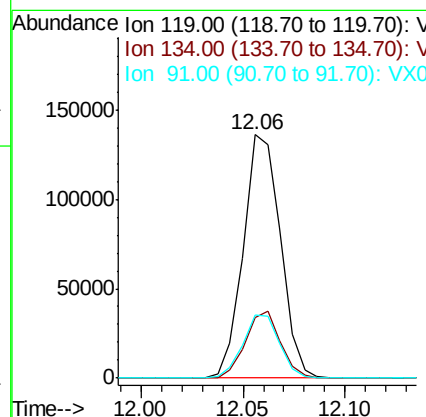
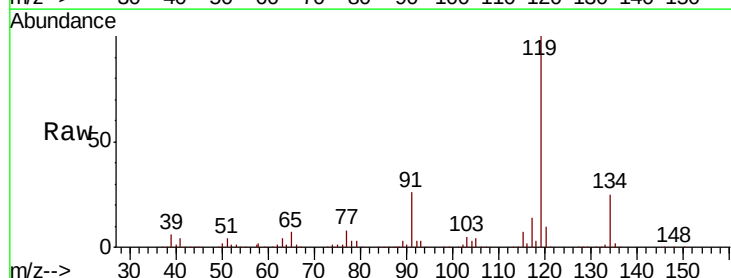
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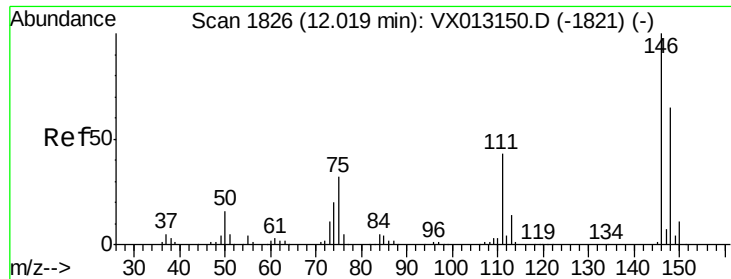
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#82
 p-Isopropyltoluene
 Concen: 21.384 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.00 min
 Lab File: VX013148.D
 Acq: 21 Oct 2019 11:43

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.8	0.0	51.6
91	25.9	0.0	50.0





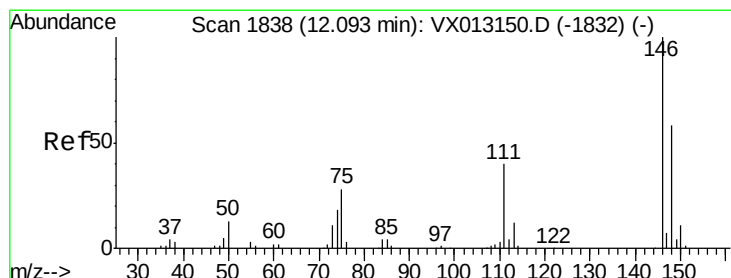
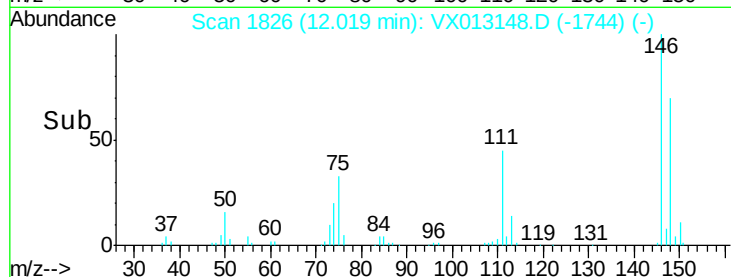
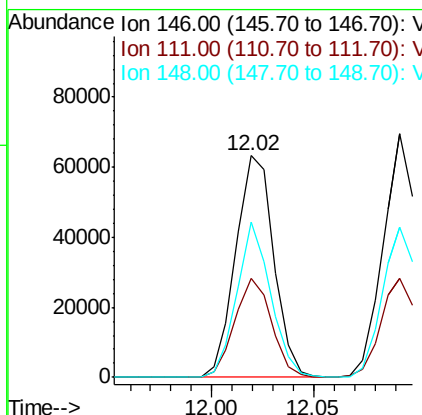
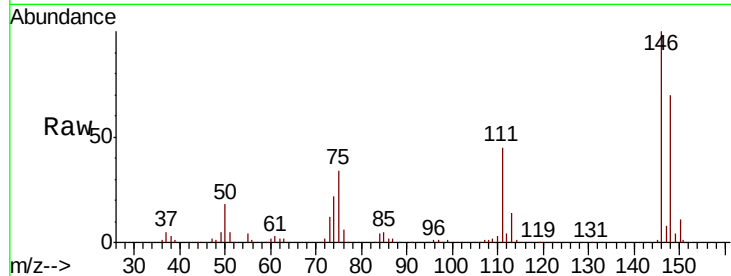
#83
 1,3-Dichlorobenzene
 Concen: 20.998 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013148.D
 Acq: 21 Oct 2019 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.8	65.4
148	61.9	31.2	93.6

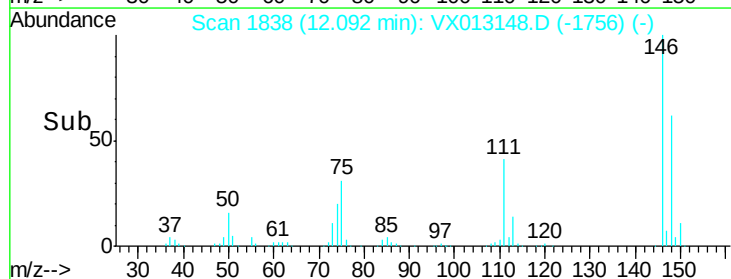
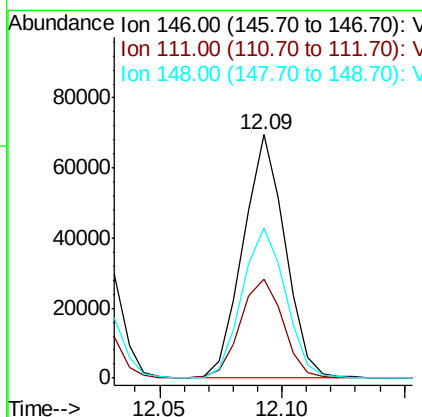
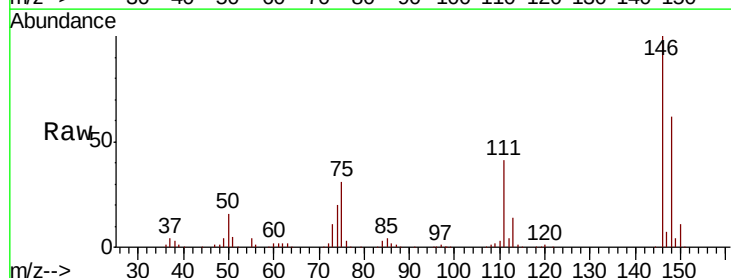
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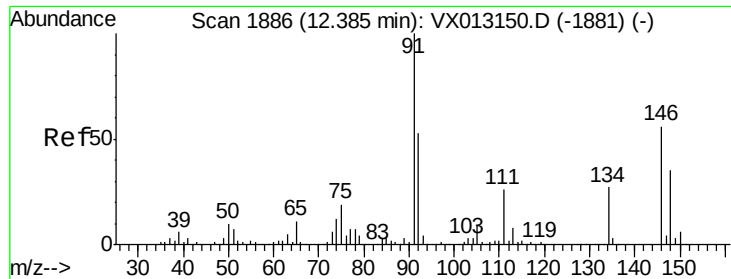
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#84
 1,4-Dichlorobenzene
 Concen: 20.930 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013148.D
 Acq: 21 Oct 2019 11:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.3	60.9
148	64.2	31.4	94.2





#85

n-Butylbenzene

Concen: 20.447 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013148.D

Acq: 21 Oct 2019 11:43

Instrument :

MSVOA_X

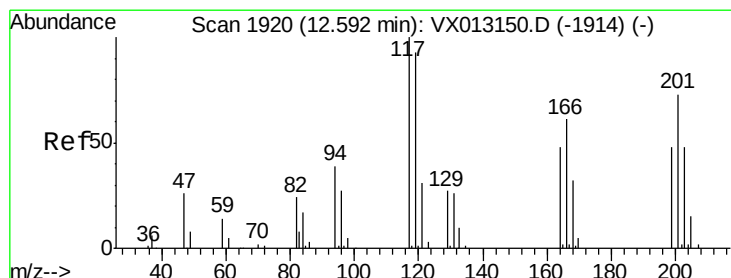
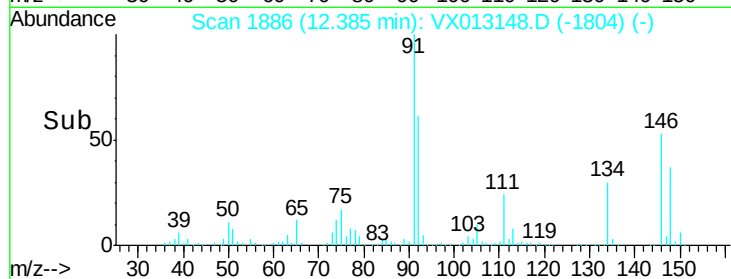
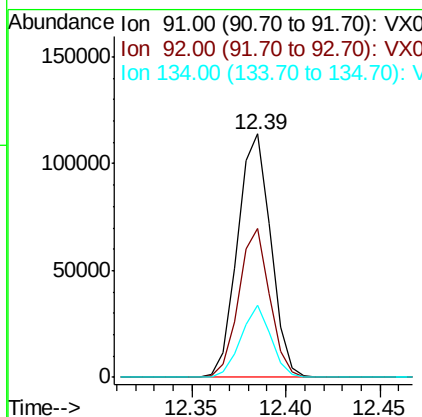
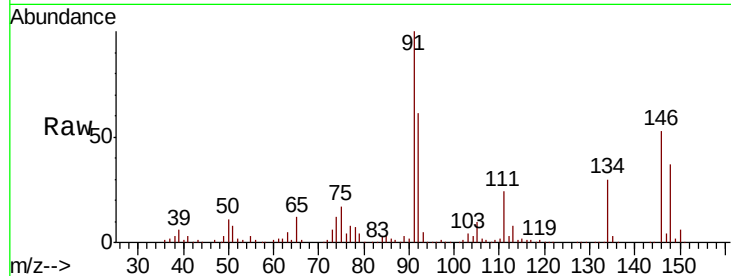
ClientSampleId :

VSTDCCC020

Tot Ion:	91	Resp:	139657
Ion Ratio		Lower	Upper
91	100		
92	56.6	0.0	106.8
134	26.8	0.0	52.4

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#86

Hexachloroethane

Concen: 20.837 ug/l

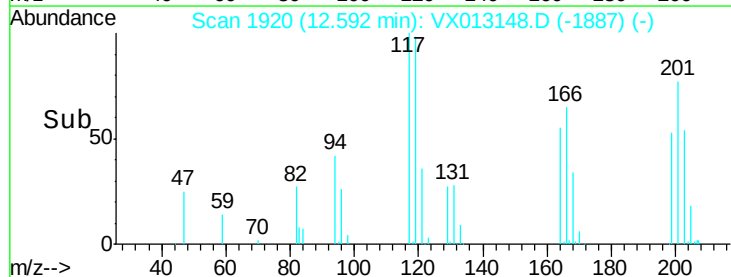
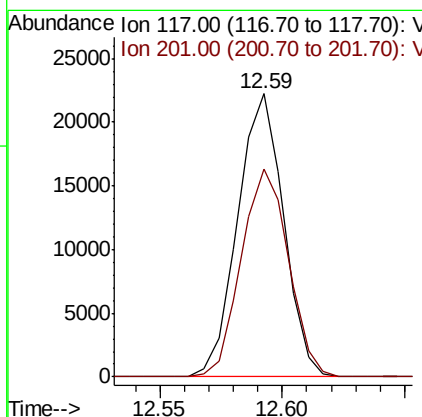
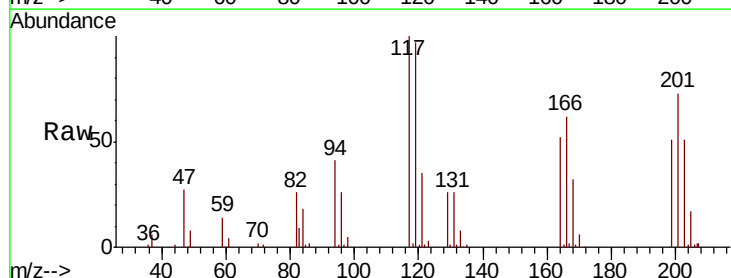
RT: 12.59 min Scan# 1920

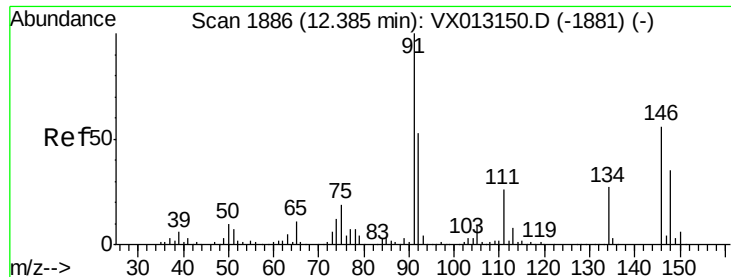
Delta R.T. -0.00 min

Lab File: VX013148.D

Acq: 21 Oct 2019 11:43

Tgt Ion:	117	Resp:	28975
Ion Ratio		Lower	Upper
117	100		
201	75.4	35.9	107.5





#87

1,2-Dichlorobenzene

Concen: 20.653 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013148.D

Acq: 21 Oct 2019 11:43

Instrument :

MSVOA_X

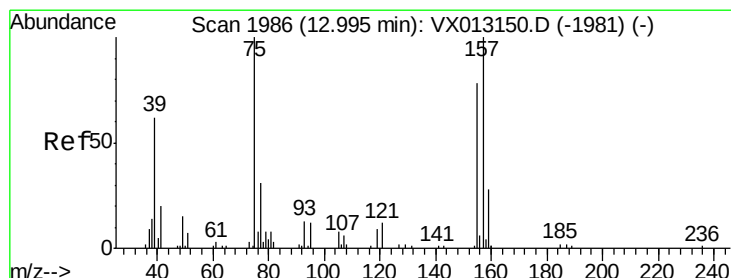
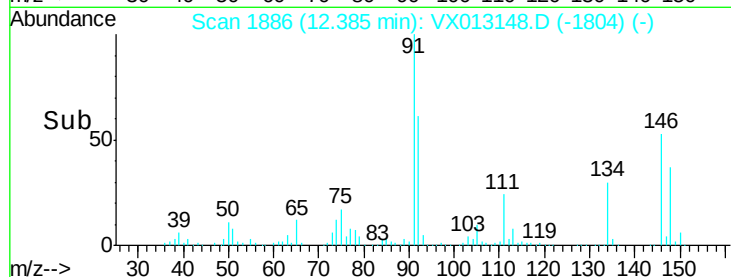
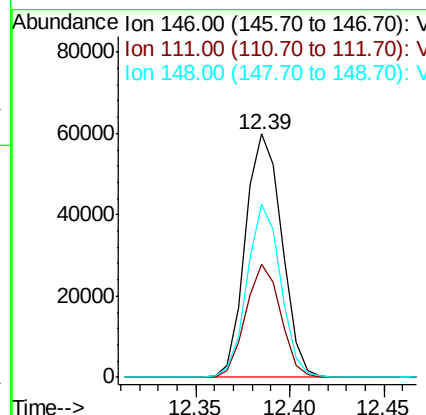
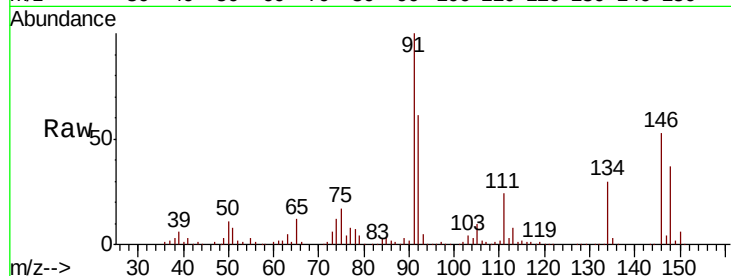
ClientSampleId :

VSTDCCC020

Tot Ion:	146	Resp:	80478
Ion Ratio	Lower	Upper	
146	100		
111	44.4	22.5	67.5
148	65.7	31.4	94.2

Manual Integrations
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#88

1,2-Dibromo-3-Chloropropane

Concen: 19.596 ug/l

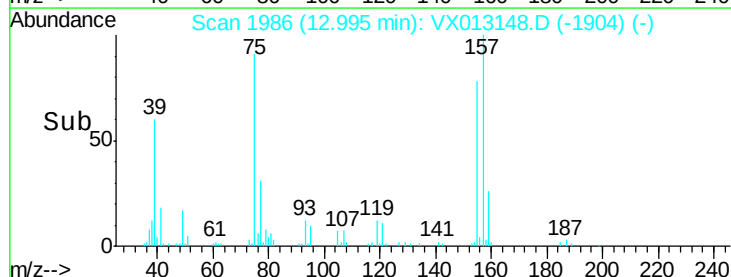
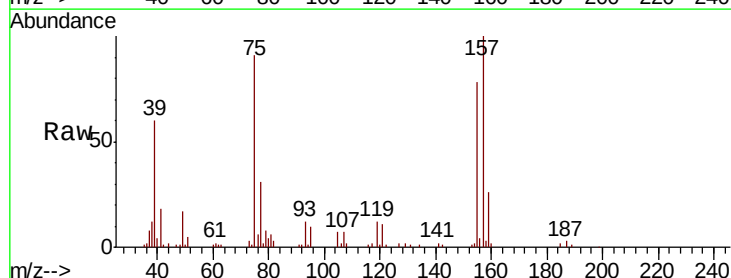
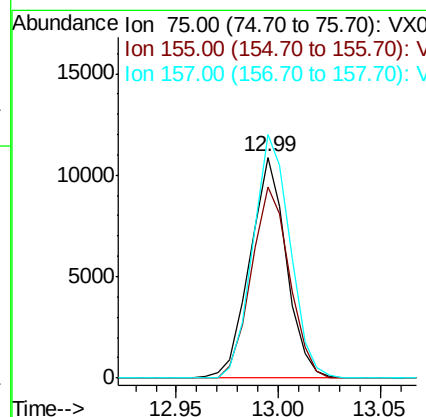
RT: 12.99 min Scan# 1986

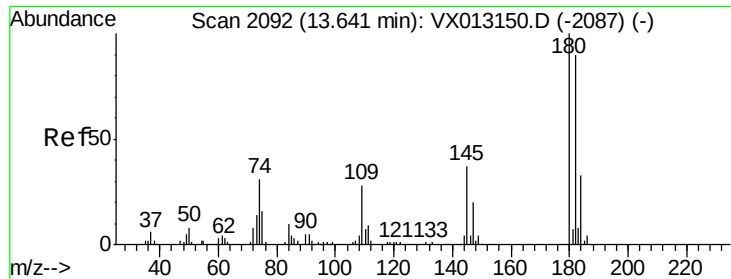
Delta R.T. -0.00 min

Lab File: VX013148.D

Acq: 21 Oct 2019 11:43

Tgt Ion:	75	Resp:	13526
Ion Ratio	Lower	Upper	
75	100		
155	89.9	65.4	98.0
157	112.4	84.1	126.1





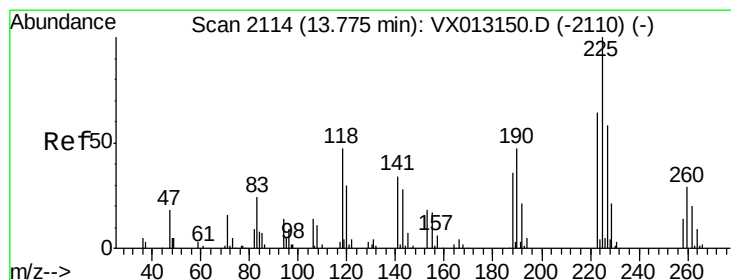
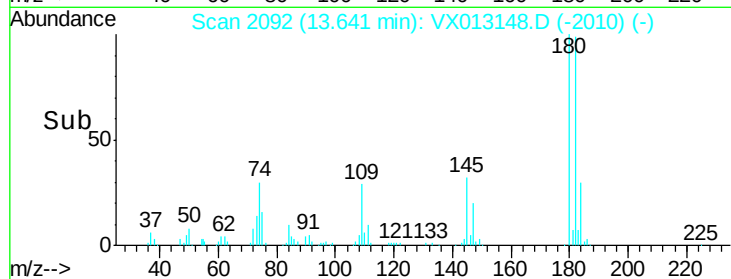
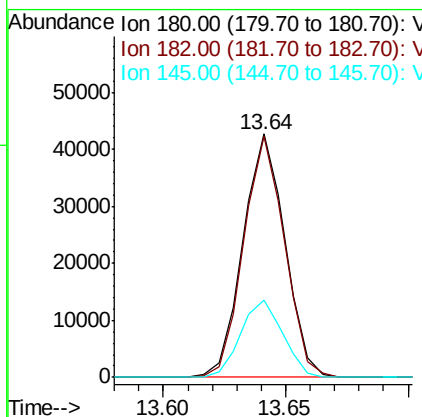
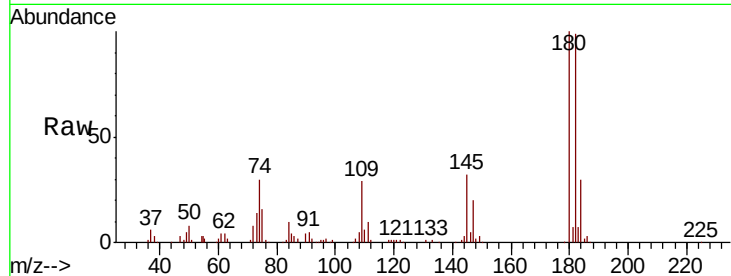
#89
 1,2,4-Trichlorobenzene
 Concen: 21.093 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013148.D
 Acq: 21 Oct 2019 11:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	76.1	114.1
145	32.2	27.4	41.2

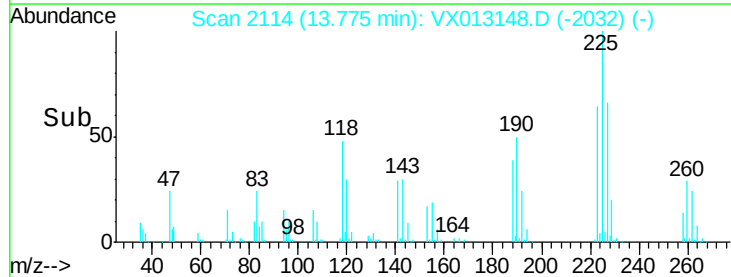
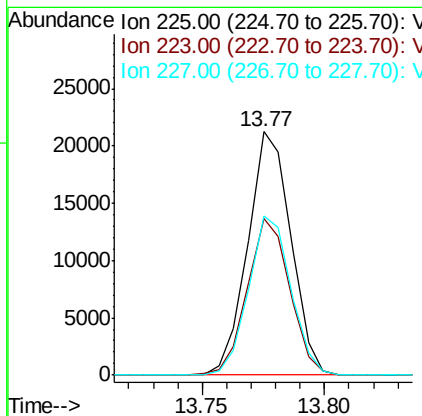
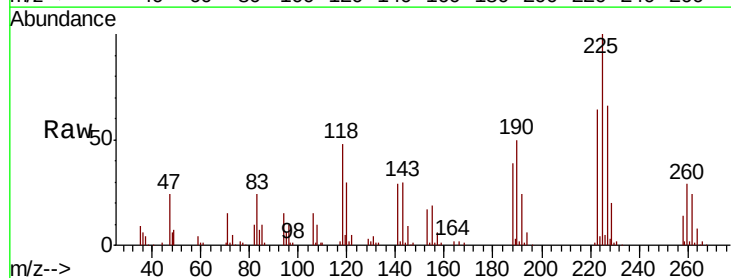
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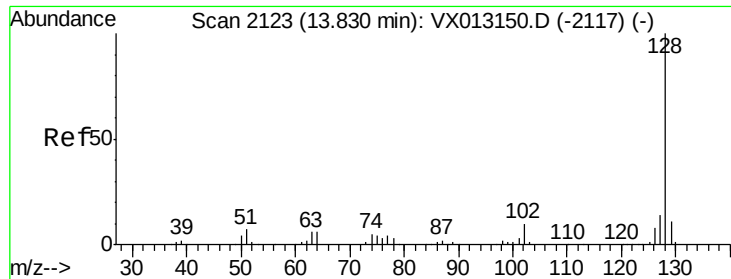
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#90
 Hexachlorobutadiene
 Concen: 22.431 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013148.D
 Acq: 21 Oct 2019 11:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	0.0	131.2
227	63.9	0.0	127.0





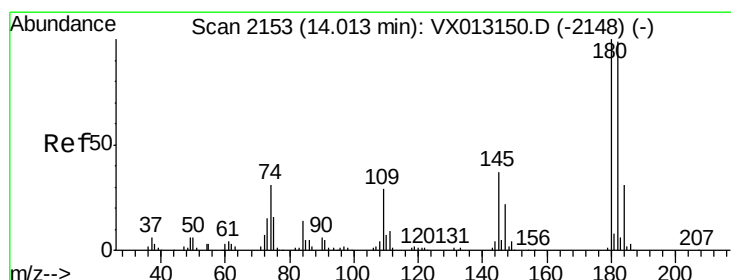
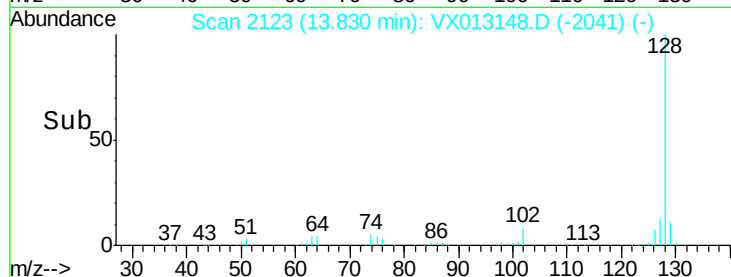
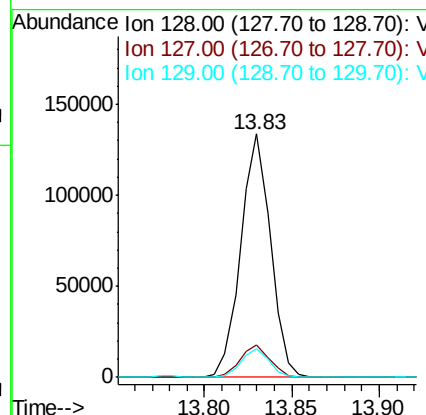
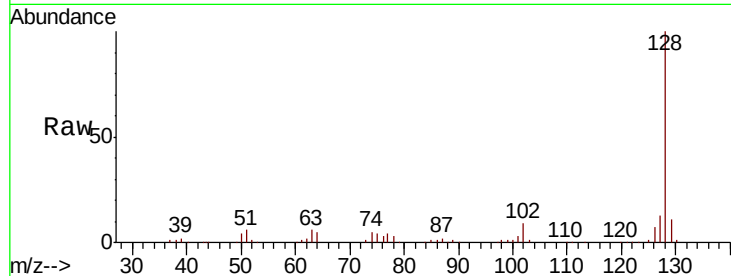
#91
Naphthalene
Concen: 19.398 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013148.D
Acq: 21 Oct 2019 11:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	11.1	8.6	12.8

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#92
1,2,3-Trichlorobenzene
Concen: 20.643 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013148.D
Acq: 21 Oct 2019 11:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.2	0.0	194.4
145	36.9	0.0	71.2

