

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101819\
 Data File : VX013125.D
 Acq On : 18 Oct 2019 14:25
 Operator : JC/SP
 Sample : VX1018WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1018WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/21/2019 11:02:58 AM

Quant Time: Oct 19 03:48:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 07:26:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	158944	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	250331	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	224173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	109709	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	93244	46.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.88%	
35) Dibromofluoromethane	5.48	113	74866	52.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.22%	
50) Toluene-d8	8.71	98	282186	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
62) 4-Bromofluorobenzene	11.13	95	109862	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	38164	23.556	ug/l	99
3) Chloromethane	1.32	50	35154	19.937	ug/l	99
4) Vinyl Chloride	1.40	62	36033	19.799	ug/l	98
5) Bromomethane	1.63	94	18888	24.967	ug/l	96
6) Chloroethane	1.72	64	21946	19.964	ug/l	98
7) Trichlorofluoromethane	1.92	101	54915	22.356	ug/l	98
8) Diethyl Ether	2.17	74	19277	19.443	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	35444	22.295	ug/l	97
10) Methyl Iodide	2.50	142	32883	21.484	ug/l	100
11) Tert butyl alcohol	3.03	59	43602	82.795	ug/l	100
12) 1,1-Dichloroethene	2.36	96	32794	20.417	ug/l	95
13) Acrolein	2.28	56	31057	82.984	ug/l	97
14) Allyl chloride	2.72	41	53467	18.692	ug/l	98
15) Acrylonitrile	3.12	53	90701	90.883	ug/l	99
16) Acetone	2.43	43	93641	89.426	ug/l	99
17) Carbon Disulfide	2.56	76	84570	18.465	ug/l	99
18) Methyl Acetate	2.76	43	44330	17.861	ug/l	95
19) Methyl tert-butyl Ether	3.18	73	111944	20.182	ug/l	95
20) Methylene Chloride	2.84	84	37779	19.631	ug/l	90
21) trans-1,2-Dichloroethene	3.16	96	35299	20.504	ug/l	92
22) Diisopropyl ether	3.84	45	105939	19.328	ug/l	# 88
23) Vinyl Acetate	3.80	43	448162	94.715	ug/l	99
24) 1,1-Dichloroethane	3.68	63	61646	19.992	ug/l	100
25) 2-Butanone	4.65	43	126987	87.411	ug/l	97
26) 2,2-Dichloropropane	4.57	77	54207	20.905	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	40005	20.160	ug/l	99
28) Bromochloromethane	5.00	49	16069	17.143	ug/l	95
29) Tetrahydrofuran	5.11	42	76722	85.821	ug/l	95
30) Chloroform	5.19	83	64699	20.449	ug/l	99
31) Cyclohexane	5.57	56	57797	20.045	ug/l	93
32) 1,1,1-Trichloroethane	5.48	97	57063	21.285	ug/l	99
36) 1,1-Dichloropropene	5.78	75	48845	22.193	ug/l	99
37) Ethyl Acetate	4.81	43	47375	19.250	ug/l	98
38) Carbon Tetrachloride	5.77	117	47953	22.384	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101819\
 Data File : VX013125.D
 Acq On : 18 Oct 2019 14:25
 Operator : JC/SP
 Sample : VX1018WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1018WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/21/2019 11:02:58 AM

Quant Time: Oct 19 03:48:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 07:26:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	61936	23.205	ug/l	95
40) Benzene	6.13	78	142884	21.981	ug/l	97
41) Methacrylonitrile	5.02	41	25449	18.819	ug/l	96
42) 1,2-Dichloroethane	6.18	62	53434	22.908	ug/l	99
43) Isopropyl Acetate	6.43	43	78394	19.846	ug/l	98
44) Trichloroethene	7.20	130	38607	21.418	ug/l	89
45) 1,2-Dichloropropane	7.50	63	36121	21.802	ug/l	94
46) Dibromomethane	7.65	93	24655	22.336	ug/l	95
47) Bromodichloromethane	7.89	83	46884	21.765	ug/l	97
48) Methyl methacrylate	7.76	41	38350	19.923	ug/l	99
49) 1,4-Dioxane	7.73	88	18461	379.928	ug/l	100
51) 4-Methyl-2-Pentanone	8.63	43	241935	98.237	ug/l	99
52) Toluene	8.78	92	93599	22.507	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	50780	20.239	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	58378	22.035	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	36528	22.195	ug/l	95
56) Ethyl methacrylate	9.17	69	56672	20.357	ug/l	96
57) 1,3-Dichloropropane	9.36	76	62580	21.982	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	111848	92.511	ug/l	98
59) 2-Hexanone	9.48	43	184366	96.168	ug/l	99
60) Dibromochloromethane	9.57	129	36518	21.056	ug/l	98
61) 1,2-Dibromoethane	9.67	107	38386	22.172	ug/l	100
64) Tetrachloroethene	9.33	164	38495	24.758	ug/l	94
65) Chlorobenzene	10.14	112	97373	21.873	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	35907	23.263	ug/l	99
67) Ethyl Benzene	10.25	91	176476	22.317	ug/l	99
68) m/p-Xylenes	10.36	106	134227	45.437	ug/l	99
69) o-Xylene	10.70	106	64714	22.464	ug/l	98
70) Styrene	10.71	104	108360	22.126	ug/l	99
71) Bromoform	10.85	173	23837	20.125	ug/l #	96
73) Isopropylbenzene	11.01	105	172972	21.445	ug/l	100
74) N-amyl acetate	10.89	43	65934	18.980	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	53598	19.979	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	45649m	18.760	ug/l	
77) Bromobenzene	11.25	156	40521	21.319	ug/l	98
78) n-propylbenzene	11.35	91	192620	21.702	ug/l	100
79) 2-Chlorotoluene	11.42	91	115710	20.744	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	142301	21.128	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	15951	19.564	ug/l	98
82) 4-Chlorotoluene	11.51	91	129440	20.246	ug/l	99
83) tert-Butylbenzene	11.76	119	141467	21.532	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	148594	21.784	ug/l	99
85) sec-Butylbenzene	11.94	105	163315	21.456	ug/l	100
86) p-Isopropyltoluene	12.06	119	151849	21.510	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	71370	20.220	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	72673	20.330	ug/l	98
89) n-Butylbenzene	12.39	91	128111	21.592	ug/l	100
90) Hexachloroethane	12.59	117	24311	19.924	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	71670	20.712	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	11578	18.413	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101819\
Data File : VX013125.D
Acq On : 18 Oct 2019 14:25
Operator : JC/SP
Sample : VX1018WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1018WBS01

Manual Integrations
APPROVED

MMDadoda
10/21/2019 11:02:58 AM

Quant Time: Oct 19 03:48:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 16 07:26:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	43054	19.862	ug/l	96
94) Hexachlorobutadiene	13.78	225	22501	22.493	ug/l	97
95) Naphthalene	13.83	128	147529	19.633	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	43928	19.610	ug/l	98

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

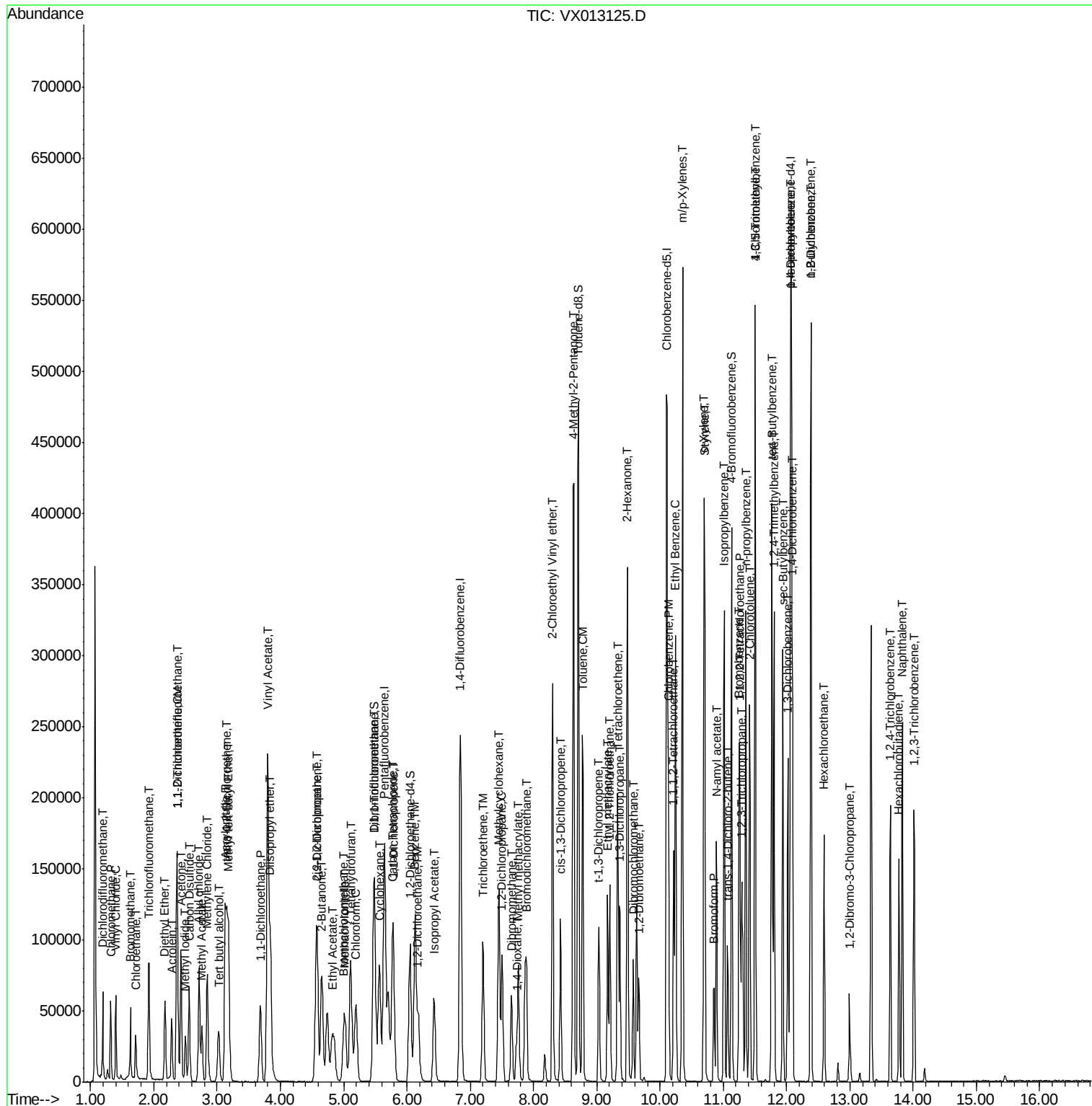
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX101819\
 Data File : VX013125.D
 Acq On : 18 Oct 2019 14:25
 Operator : JC/SP
 Sample : VX1018WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

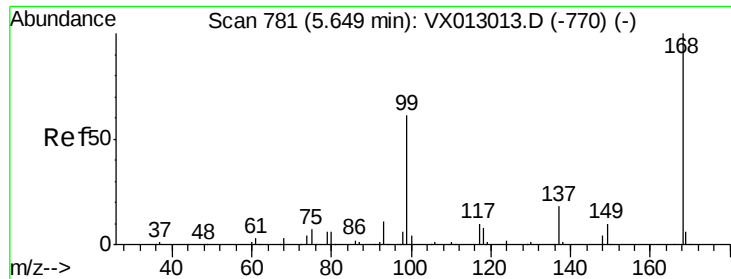
Instrument :
 MSVOA_X
 Client Sample ID :
 VX1018WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/21/2019 11:02:58 AM

Quant Time: Oct 19 03:48:58 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 07:26:22 2019
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX1018WBS01

Tot Ion:168 Resp: 158944

Ion Ratio Lower Upper

168 100

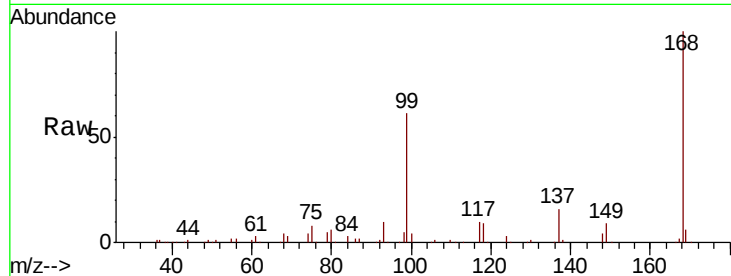
99 60.9 49.4 74.0

Manual Integrations

APPROVED

MMDadoda

10/21/2019 11:02:58 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

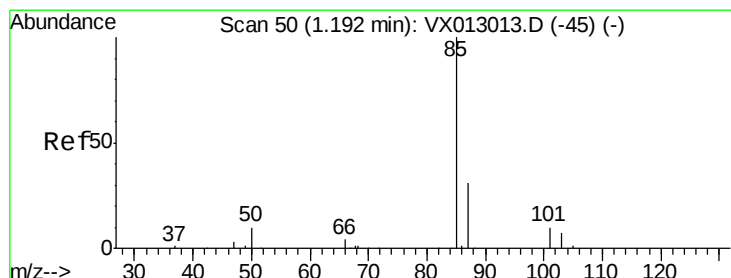
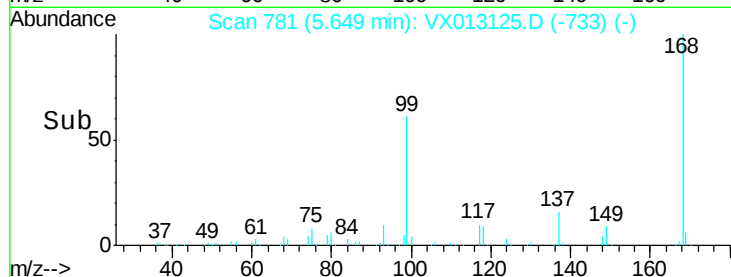
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 23.556 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX013125.D

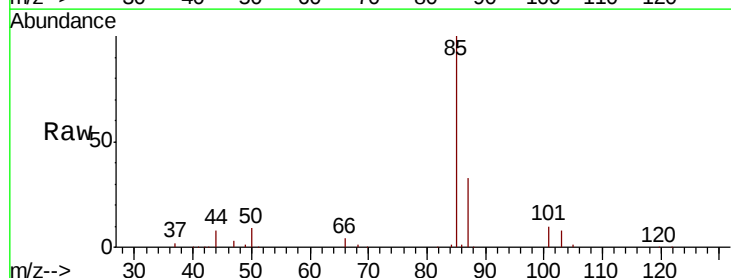
Acq: 18 Oct 2019 14:25

Tgt Ion: 85 Resp: 38164

Ion Ratio Lower Upper

85 100

87 33.3 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

40000

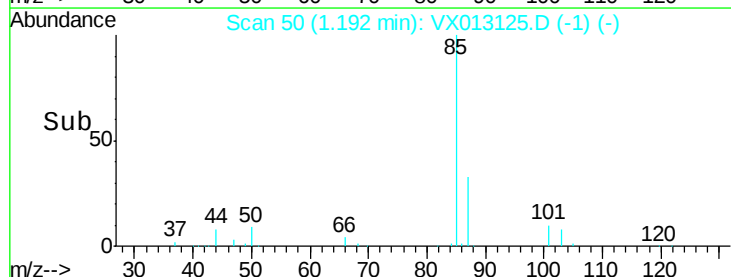
30000

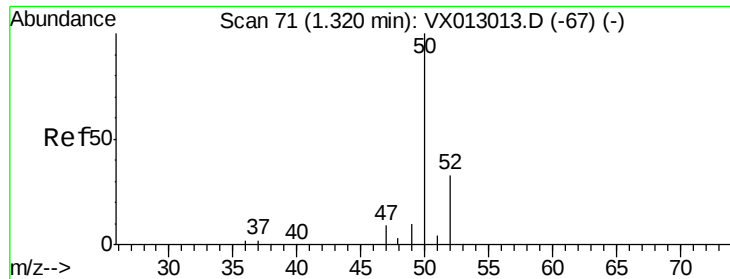
20000

10000

0

Time-->





#3

Chloromethane

Concen: 19.937 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX1018WBS01

Tot Ion: 50 Resp: 35154

Ion Ratio Lower Upper

50 100

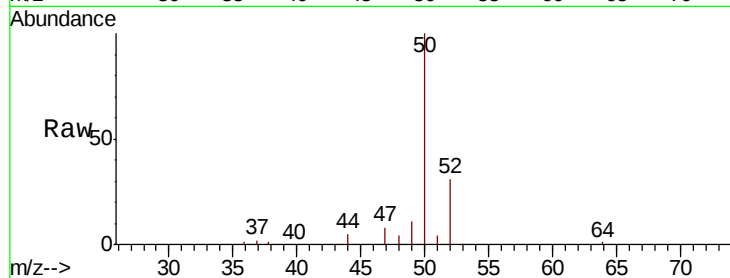
52 31.1 25.2 37.8

Manual Integrations

APPROVED

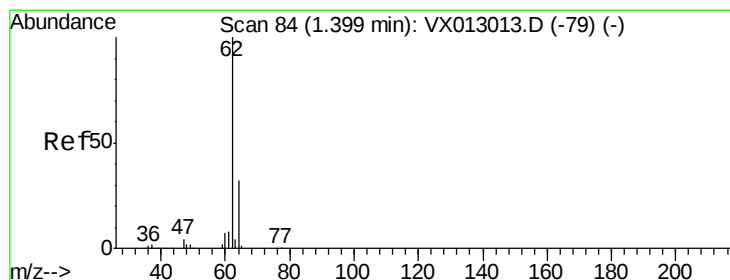
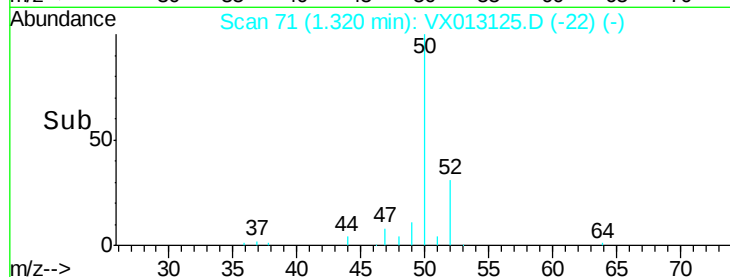
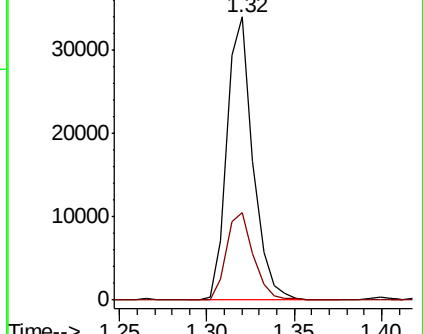
MMDadoda

10/21/2019 11:02:58 AM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.799 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013125.D

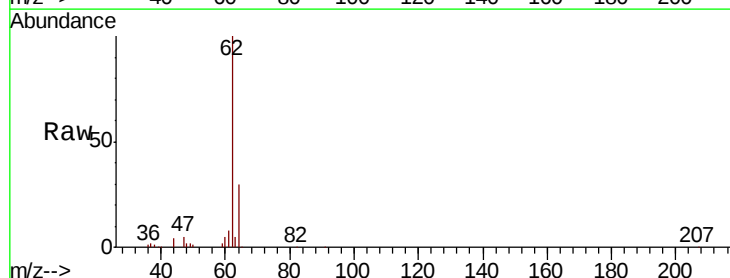
Acq: 18 Oct 2019 14:25

Tgt Ion: 62 Resp: 36033

Ion Ratio Lower Upper

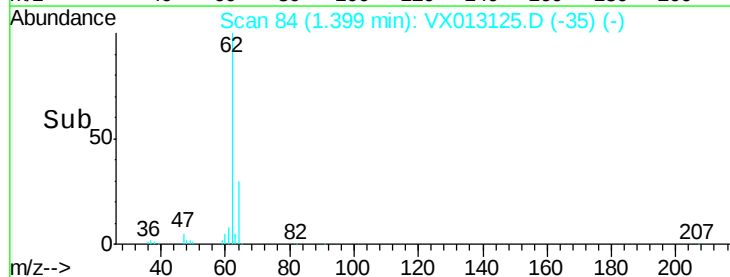
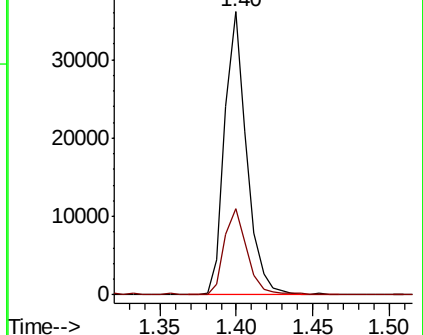
62 100

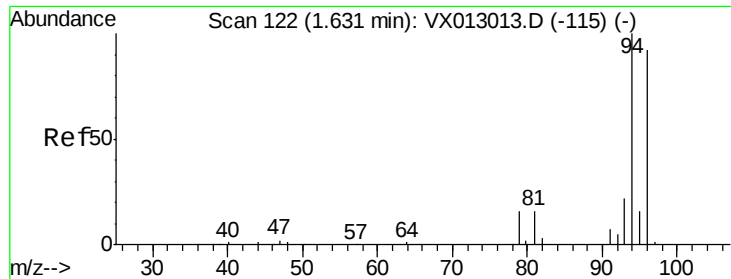
64 30.5 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 24.967 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX1018WBS01

Tot Ion: 94 Resp: 18888

Ion Ratio Lower Upper

94 100

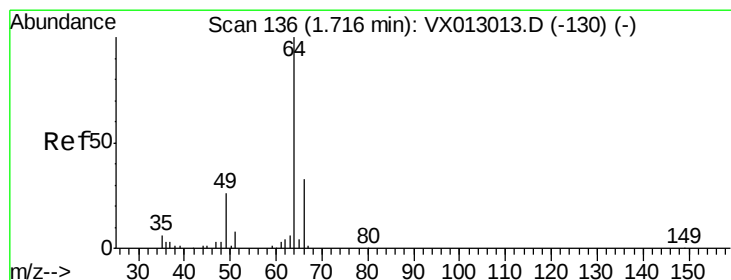
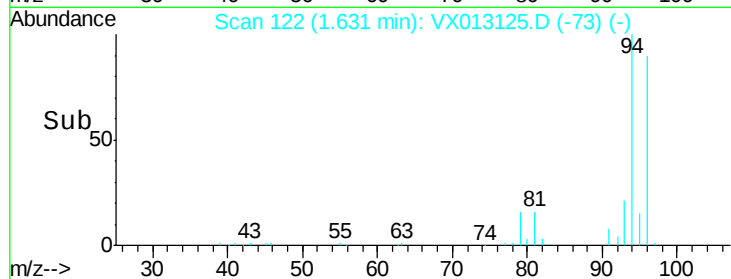
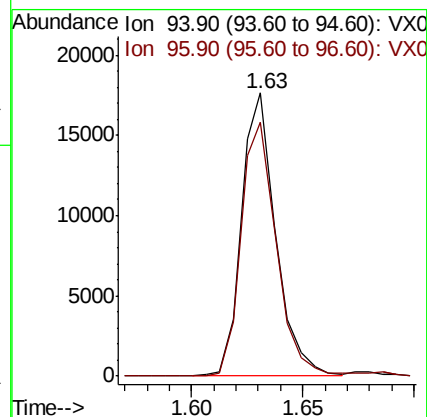
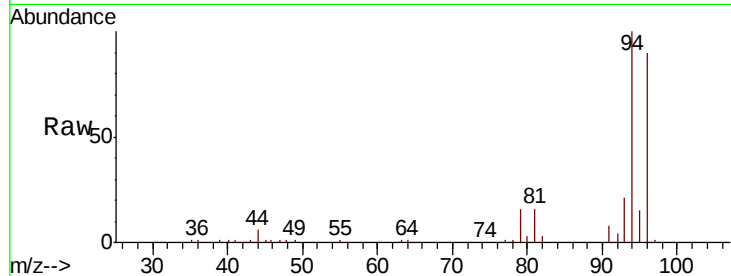
96 89.6 74.7 112.1

Manual Integrations

APPROVED

MMDadoda

10/21/2019 11:02:58 AM



#6

Chloroethane

Concen: 19.964 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013125.D

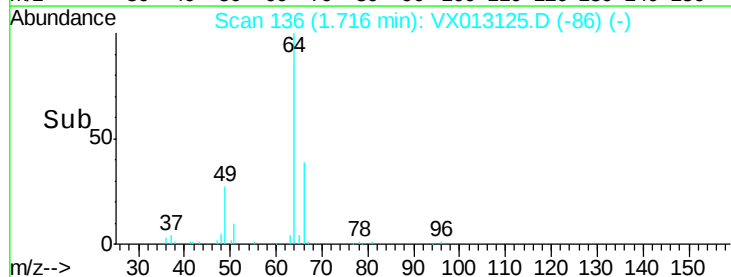
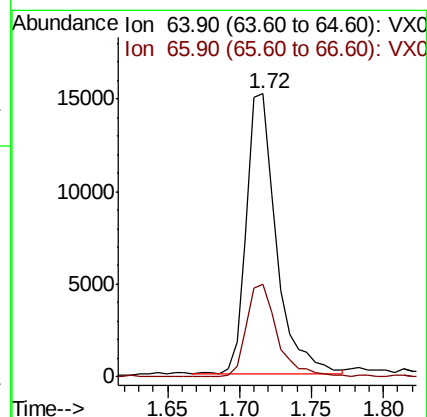
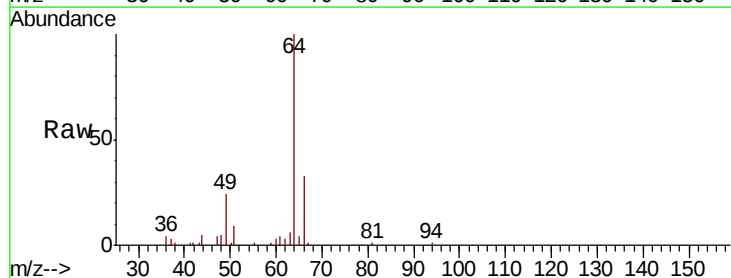
Acq: 18 Oct 2019 14:25

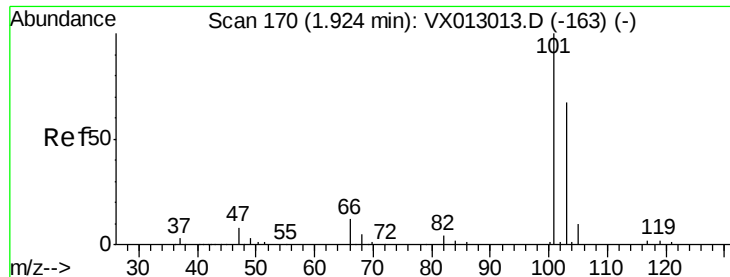
Tgt Ion: 64 Resp: 21946

Ion Ratio Lower Upper

64 100

66 33.1 25.6 38.4





#7

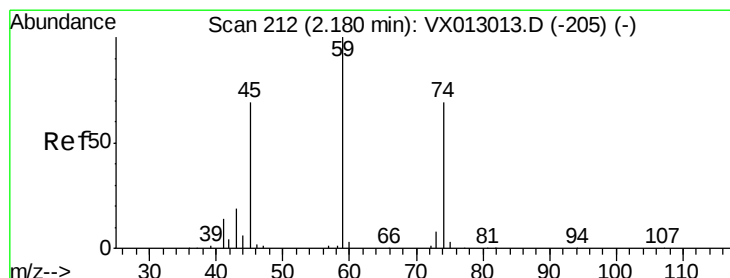
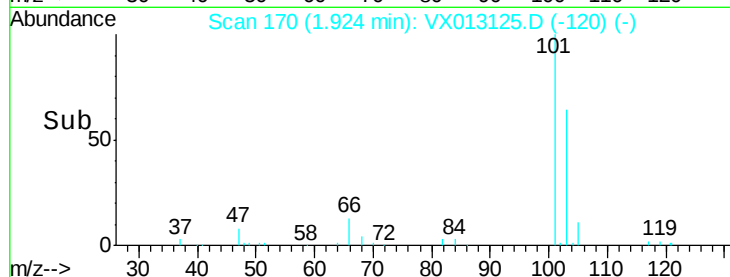
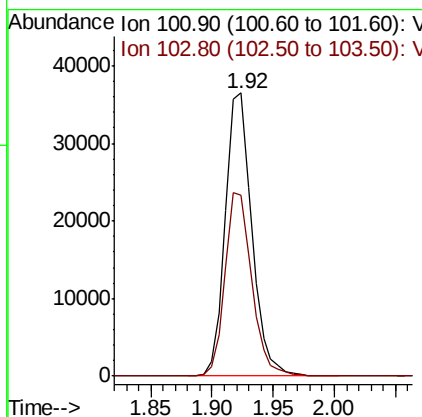
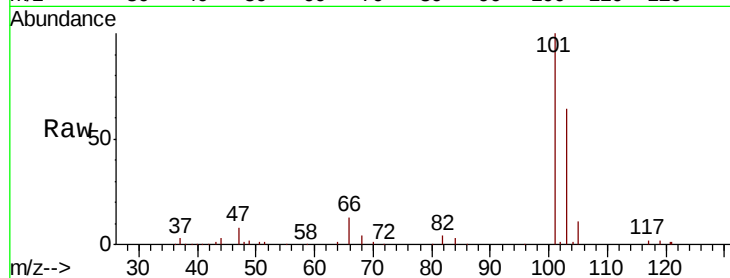
Trichlorofluoromethane
Concen: 22.356 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX1018WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	52.5	78.7

Manual Integrations
APPROVED

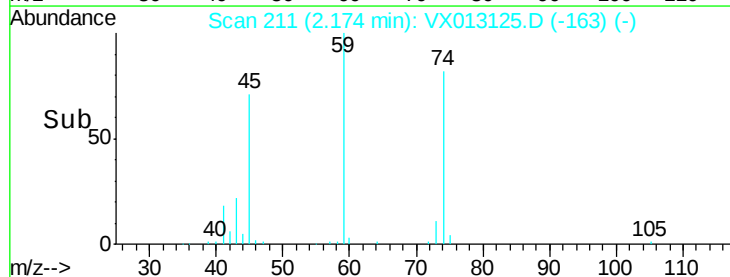
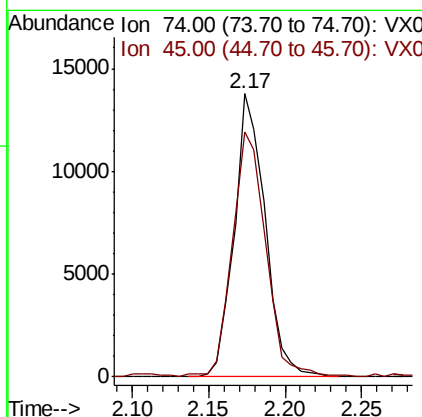
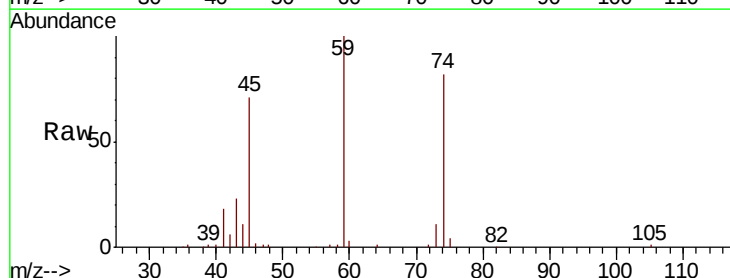
MMDadoda
10/21/2019 11:02:58 AM

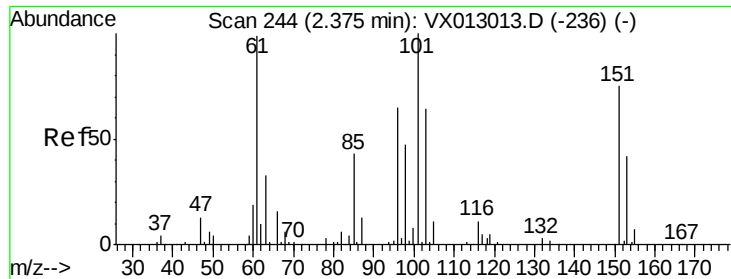


#8

Diethyl Ether
Concen: 19.443 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.8	47.8	143.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.295 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Instrument :

MSVOA_X

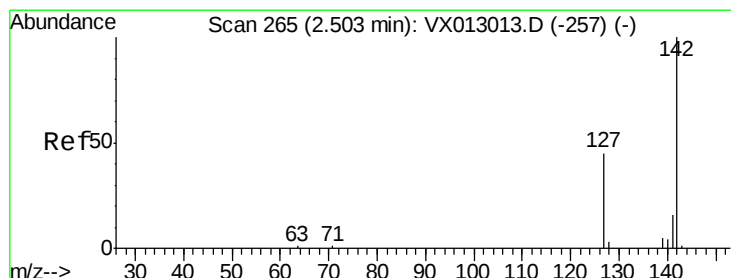
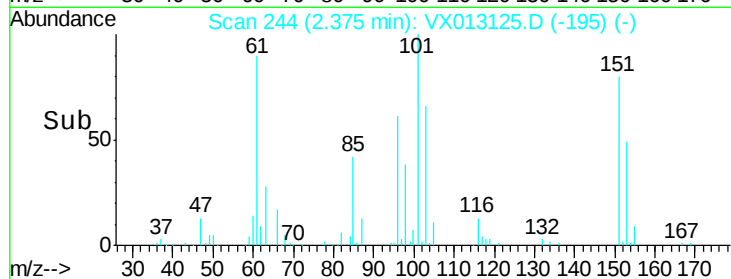
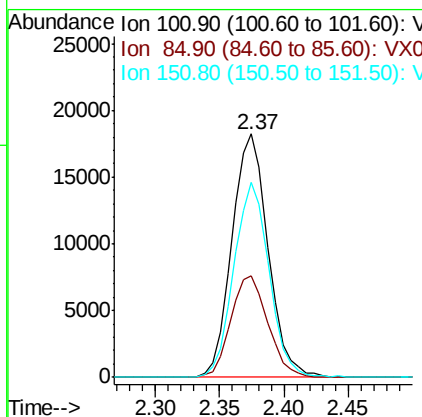
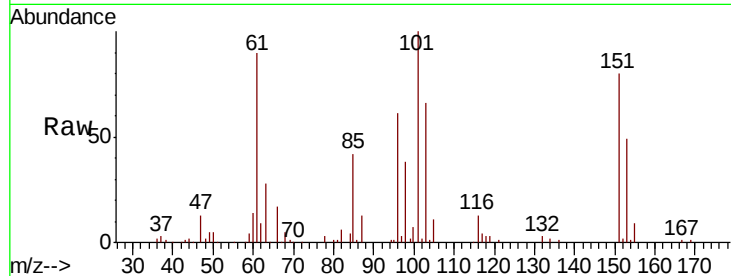
ClientSampleId :

VX1018WBS01

Tot Ion:	101	Resp:	35444
Ion Ratio	Lower	Upper	
101	100		
85	42.8	35.2	52.8
151	78.1	60.3	90.5

Manual Integrations
APPROVED

MMDadoda
10/21/2019 11:02:58 AM



#10

Methyl Iodide

Concen: 21.484 ug/l

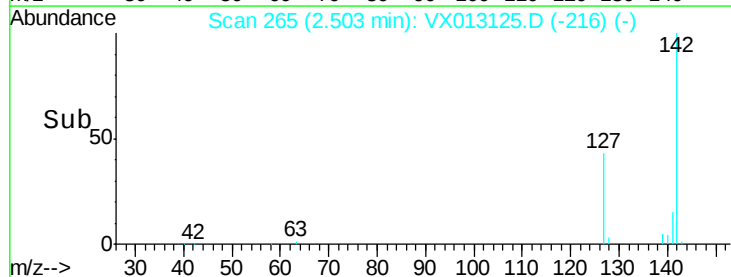
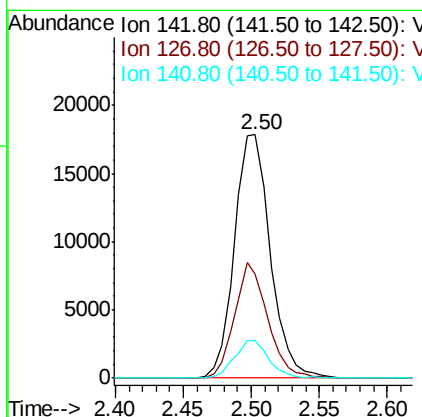
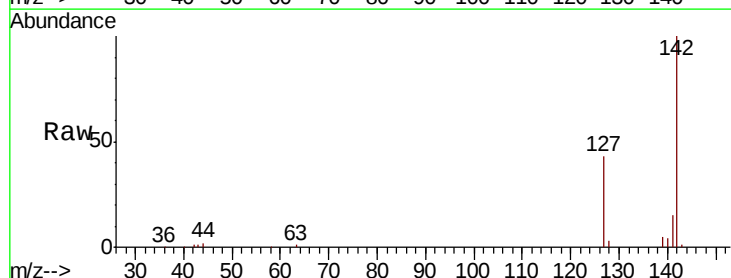
RT: 2.50 min Scan# 265

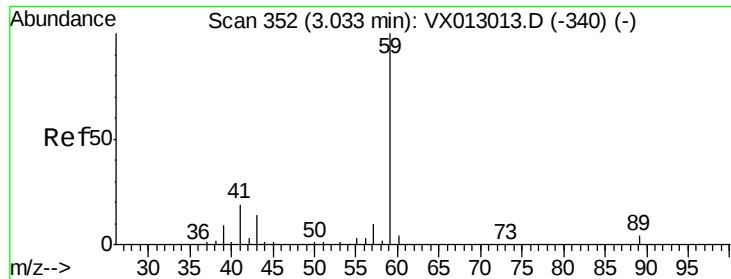
Delta R.T. 0.00 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Tgt Ion:	142	Resp:	32883
Ion Ratio	Lower	Upper	
142	100		
127	43.6	34.9	52.3
141	14.9	11.6	17.4





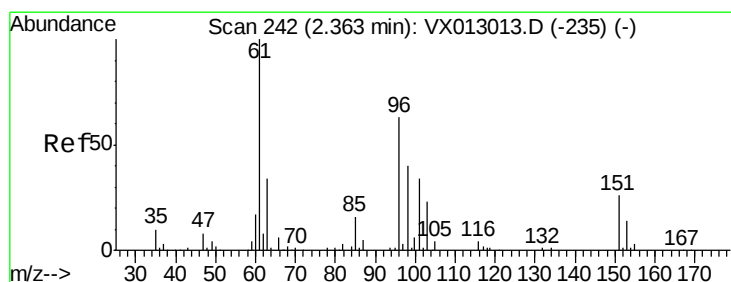
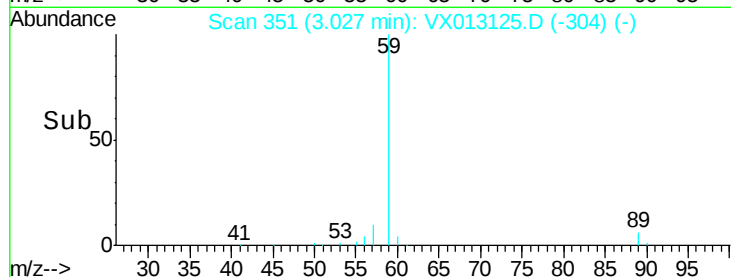
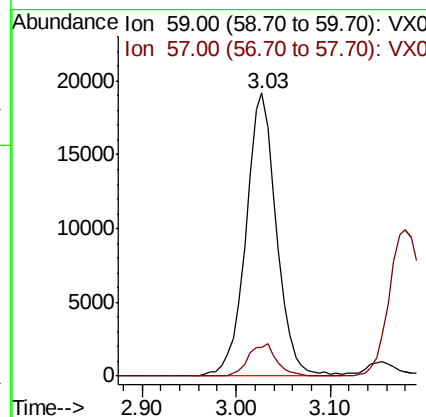
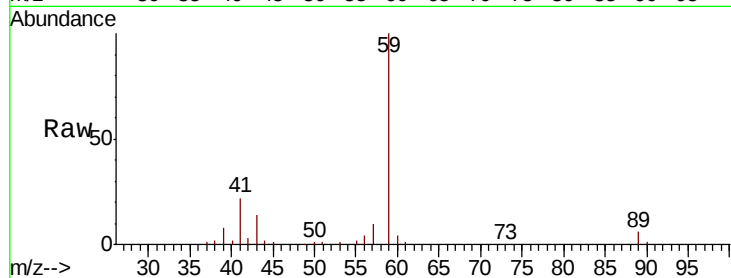
#11
Tert butyl alcohol
Concen: 82.795 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX1018WBS01

Tot Ion: 59 Resp: 43602
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

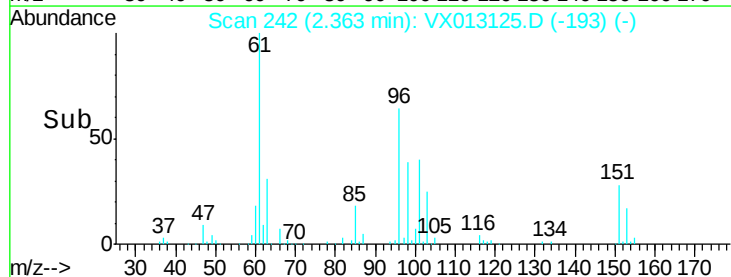
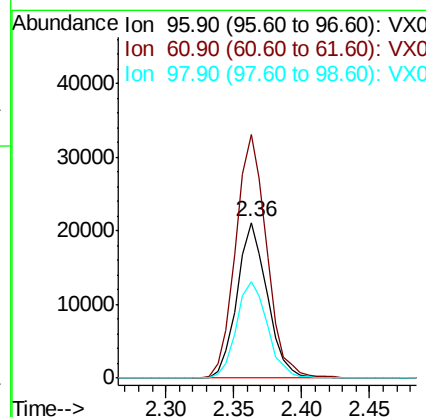
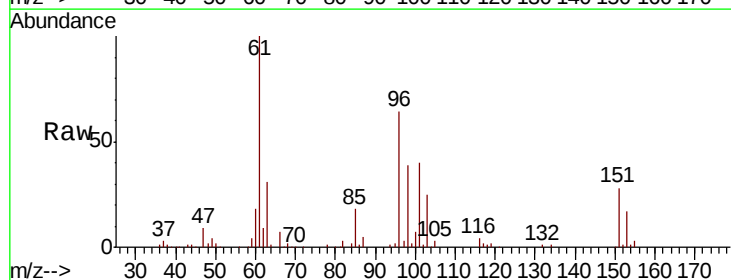
Manual Integrations
APPROVED

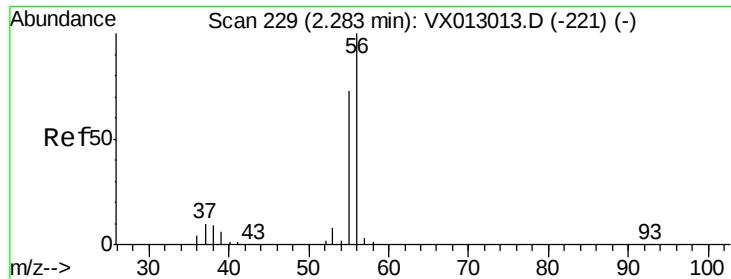
MMDadoda
10/21/2019 11:02:58 AM



#12
1,1-Dichloroethene
Concen: 20.417 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Tgt Ion: 96 Resp: 32794
Ion Ratio Lower Upper
96 100
61 156.3 132.2 198.4
98 61.7 50.5 75.7





#13

Acrolein

Concen: 82.984 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX1018WBS01

Tot Ion: 56 Resp: 31057

Ion Ratio Lower Upper

56 100

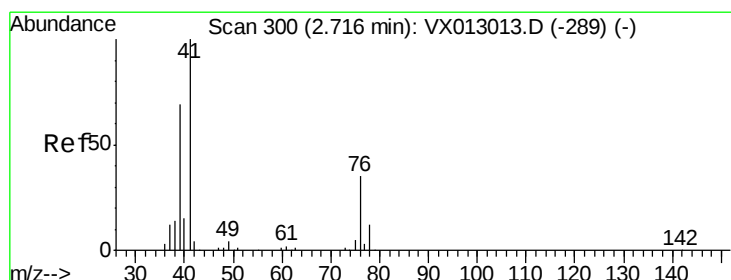
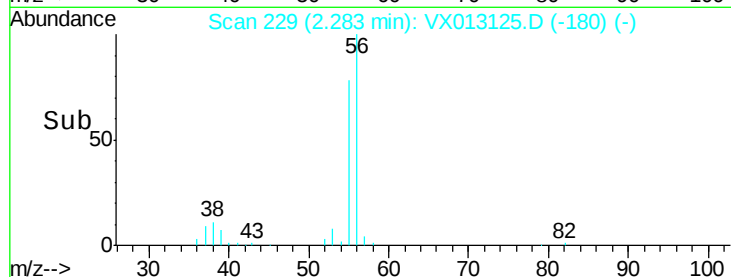
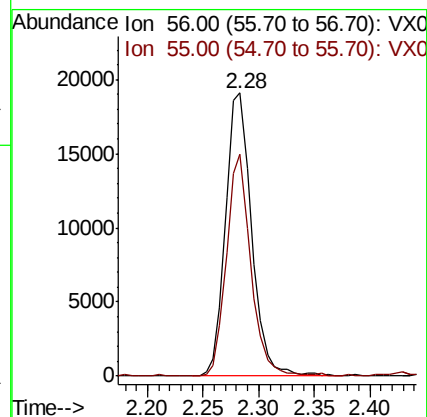
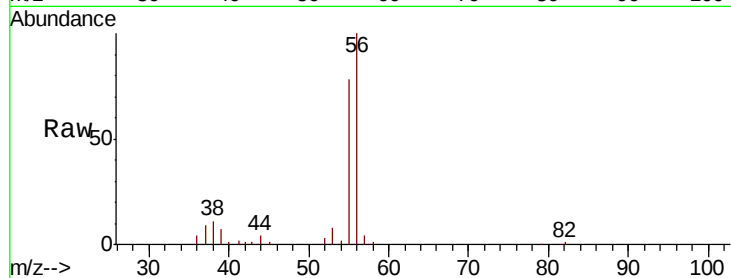
55 73.4 56.6 85.0

Manual Integrations

APPROVED

MMDadoda

10/21/2019 11:02:58 AM



#14

Allyl chloride

Concen: 18.692 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

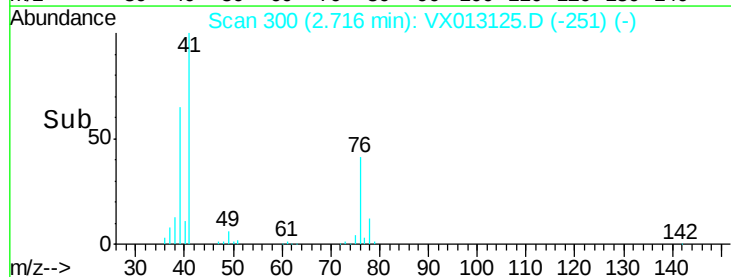
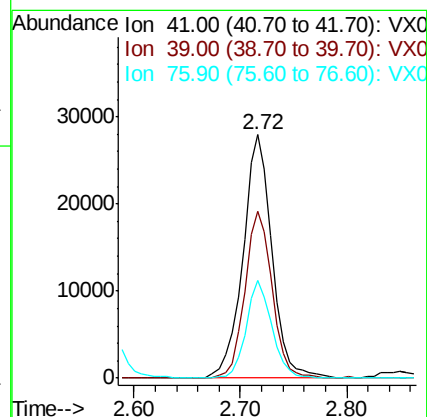
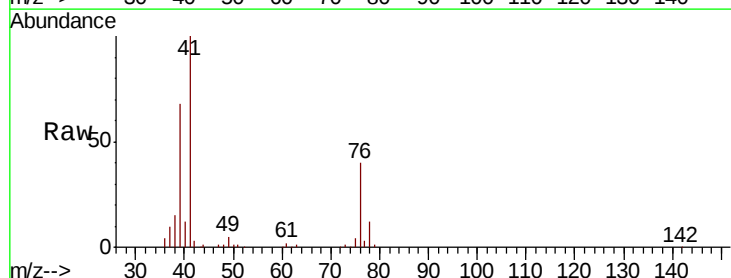
Tgt Ion: 41 Resp: 53467

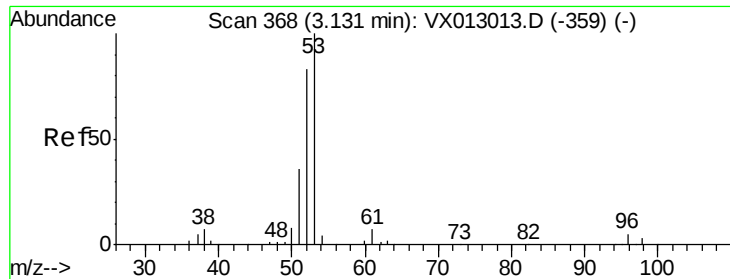
Ion Ratio Lower Upper

41 100

39 64.5 51.0 76.6

76 35.5 26.2 39.4





#15

Acrylonitrile

Concen: 90.883 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Instrument :

MSVOA_X

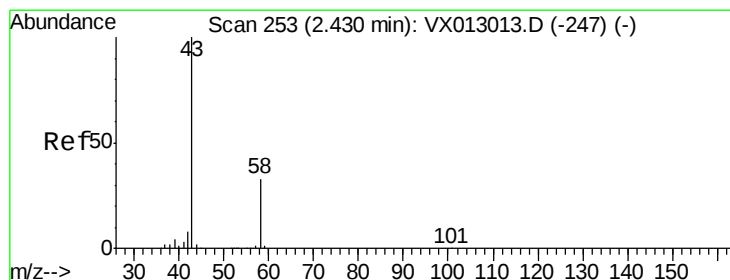
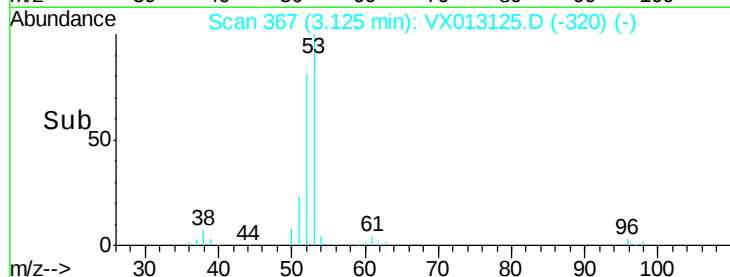
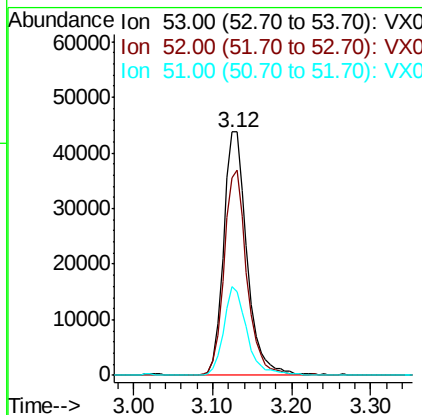
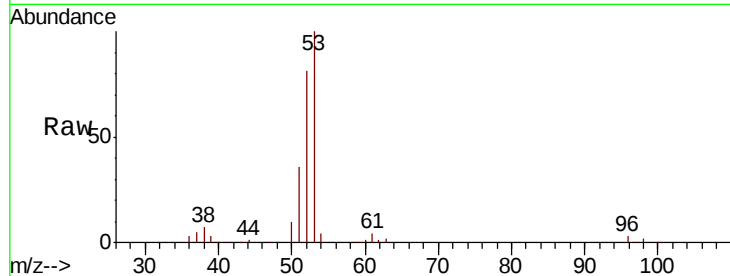
ClientSampleId :

VX1018WBS01

Tot Ion:	53	Resp:	90701
Ion	Ratio	Lower	Upper
53	100		
52	81.6	66.2	99.2
51	36.0	28.2	42.4

Manual Integrations
APPROVED

MMDadoda
10/21/2019 11:02:58 AM



#16

Acetone

Concen: 89.426 ug/l

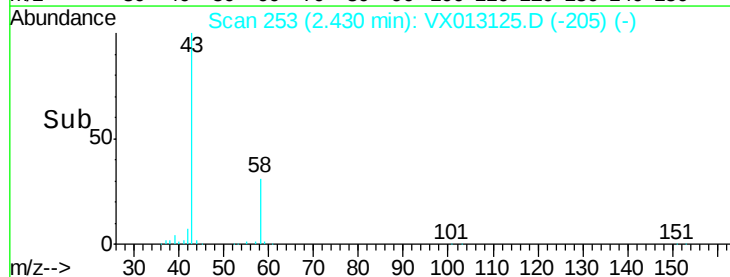
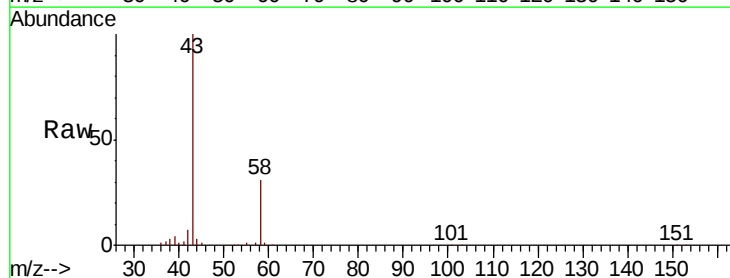
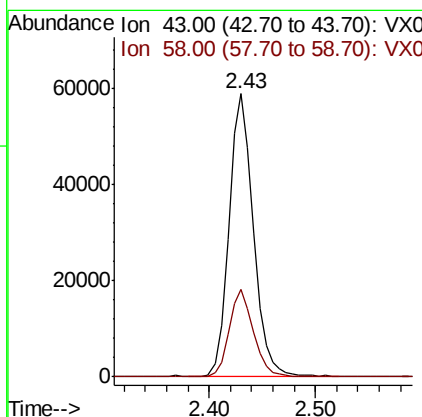
RT: 2.43 min Scan# 253

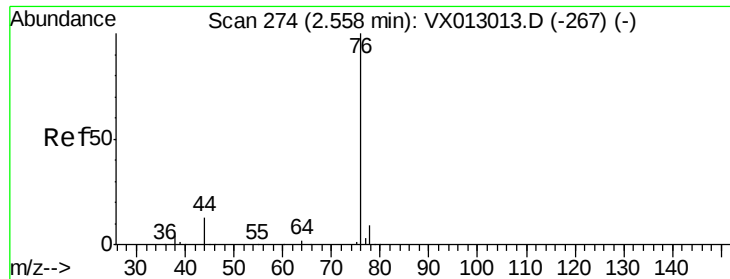
Delta R.T. -0.01 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Tgt Ion:	43	Resp:	93641
Ion	Ratio	Lower	Upper
43	100		
58	31.1	25.4	38.2





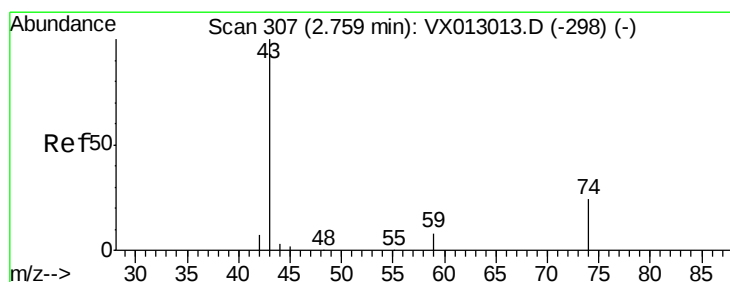
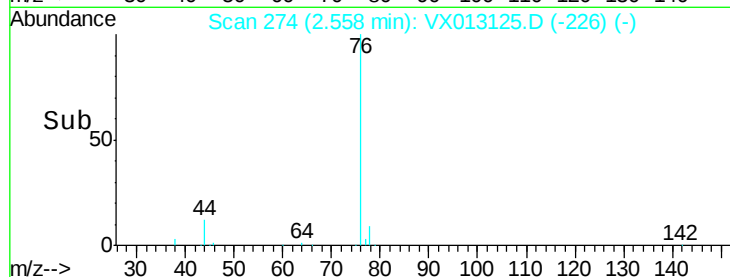
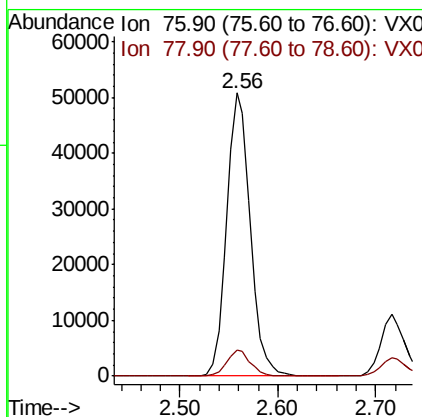
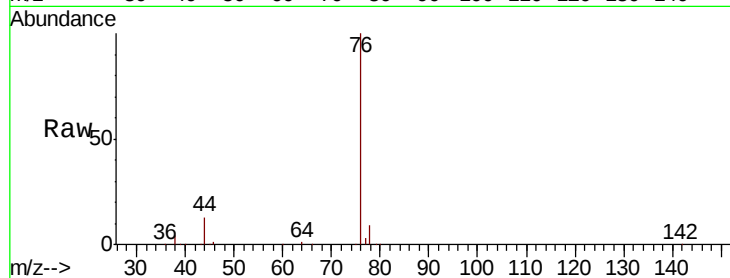
#17
Carbon Disulfide
Concen: 18.465 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX1018WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.1	10.7

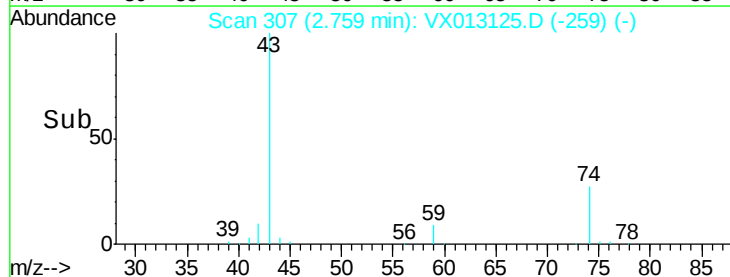
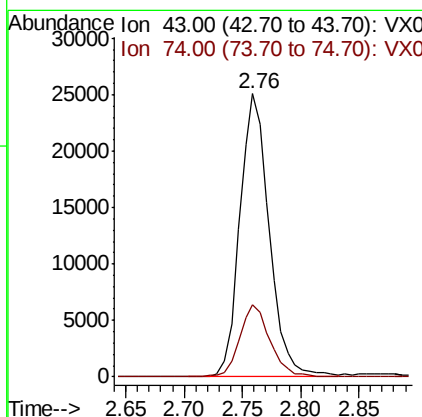
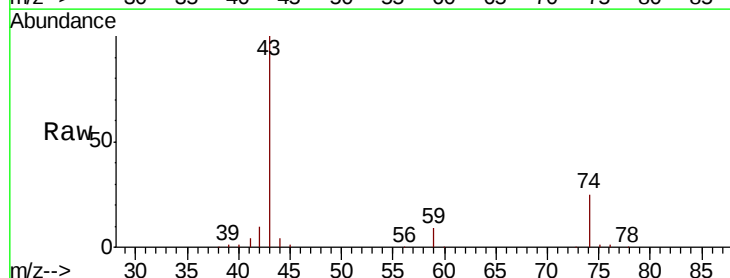
Manual Integrations
APPROVED

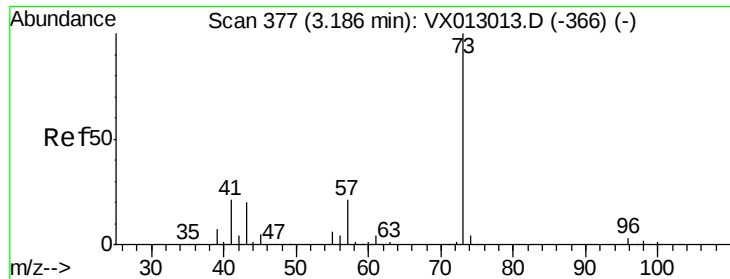
MMDadoda
10/21/2019 11:02:58 AM



#18
Methyl Acetate
Concen: 17.861 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.3	19.2	28.8





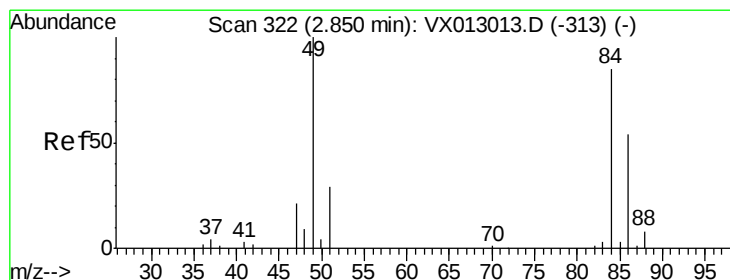
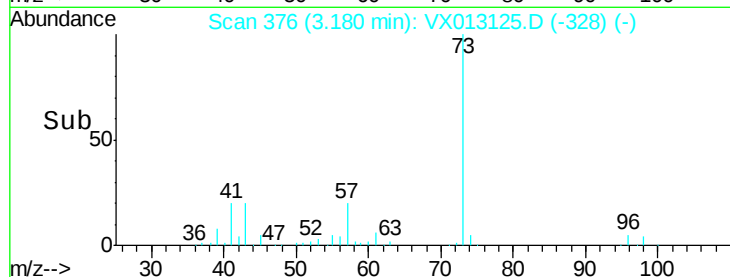
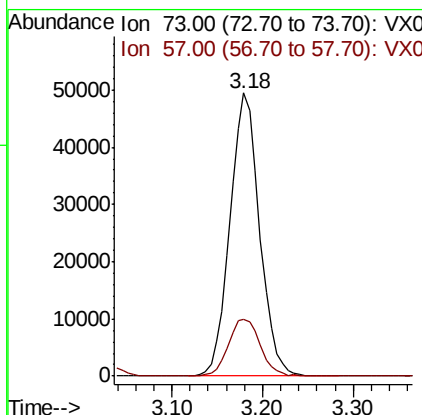
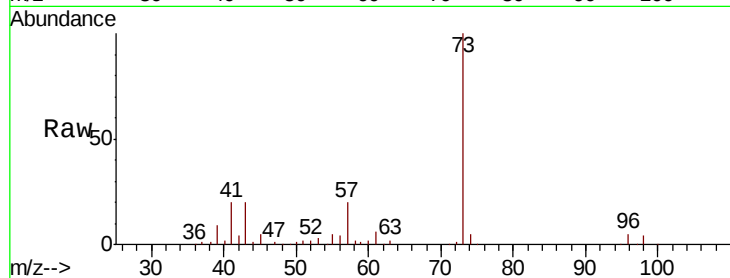
#19
Methvl tert-butvl Ether
Concen: 20.182 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX1018WBS01

Tot Ion: 73 Resp: 111944
Ion Ratio Lower Upper
73 100
57 20.0 17.8 26.6

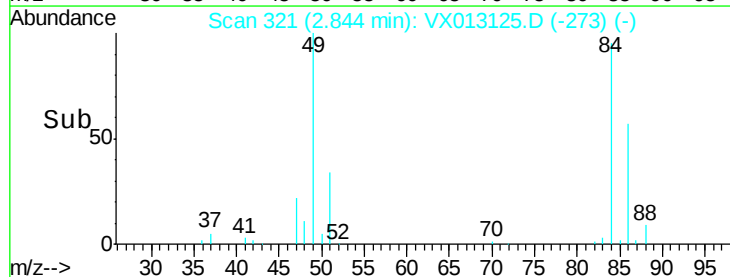
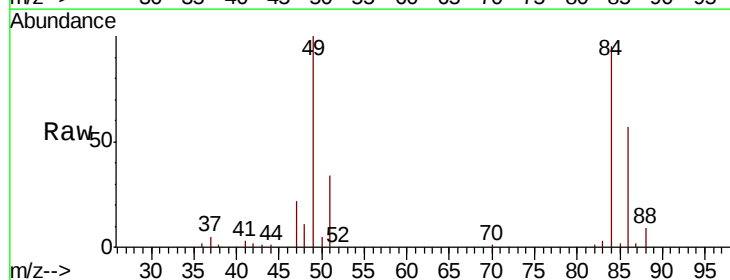
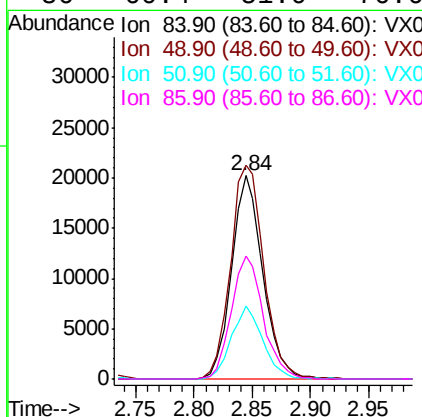
Manual Integrations
APPROVED

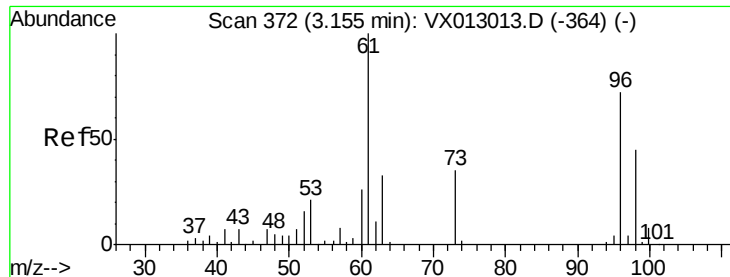
MMDadoda
10/21/2019 11:02:58 AM



#20
Methylene Chloride
Concen: 19.631 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Tgt Ion: 84 Resp: 37779
Ion Ratio Lower Upper
84 100
49 105.1 96.6 144.8
51 36.0 30.7 46.1
86 60.4 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 20.504 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX1018WBS01

Tot Ion: 96 Resp: 35299

Ion Ratio Lower Upper

96 100

61 128.7 110.4 165.6

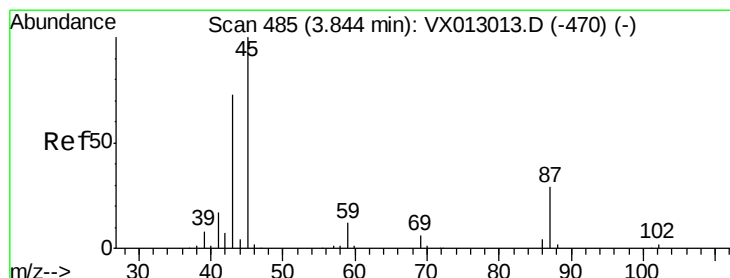
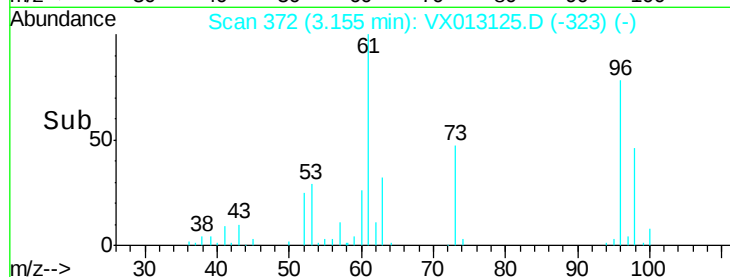
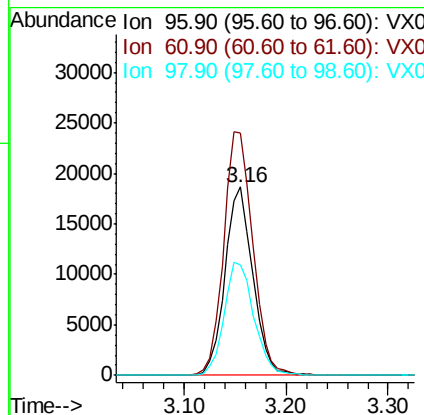
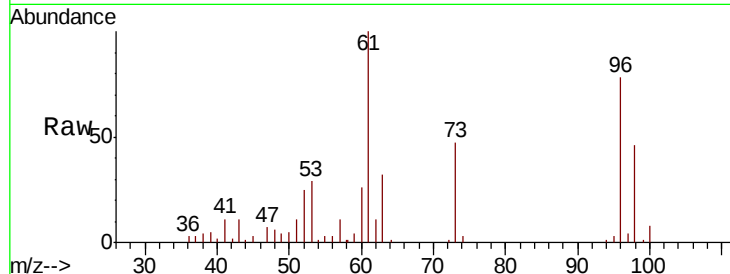
98 58.9 51.5 77.3

Manual Integrations

APPROVED

MMDadoda

10/21/2019 11:02:58 AM



#22

Diisopropyl ether

Concen: 19.328 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Tgt Ion: 45 Resp: 105939

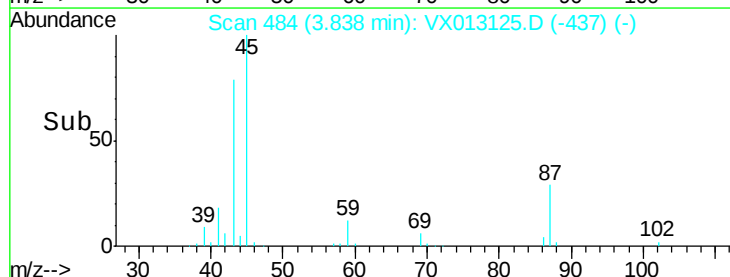
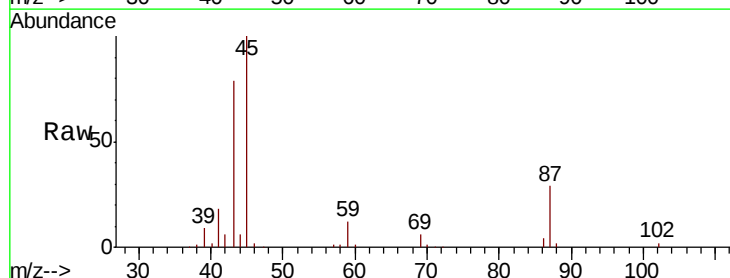
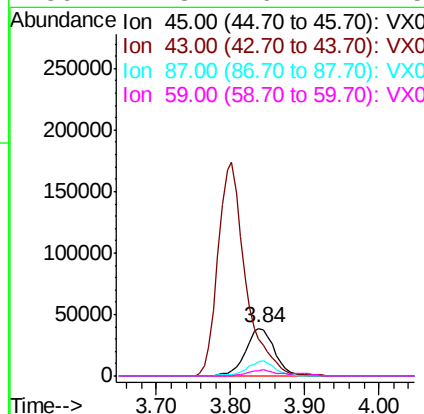
Ion Ratio Lower Upper

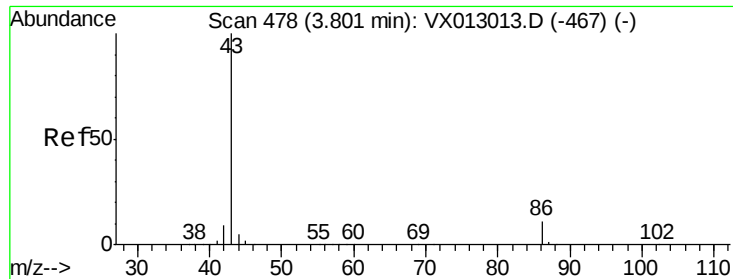
45 100

43 78.4 51.4 77.0#

87 28.8 22.5 33.7

59 11.8 9.7 14.5





#23

Vinyl Acetate

Concen: 94.715 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX1018WBS01

Tot Ion: 43 Resp: 448162

Ion Ratio Lower Upper

43 100

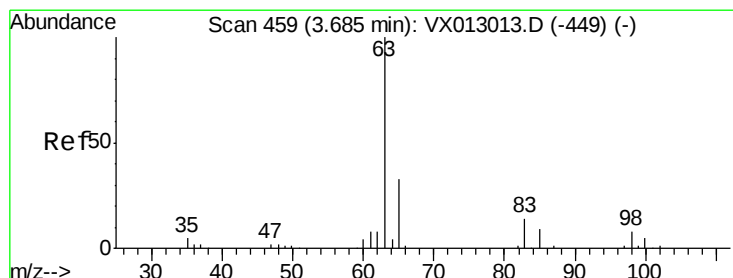
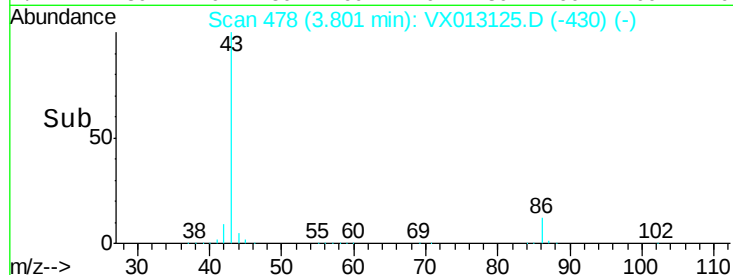
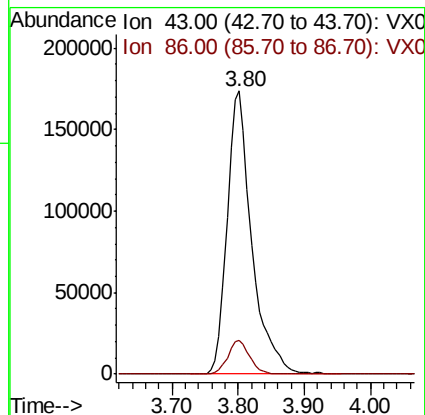
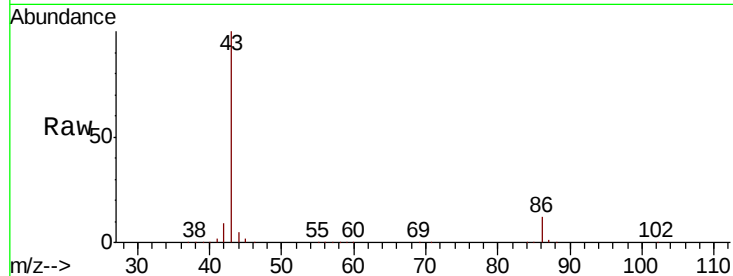
86 11.8 9.0 13.6

Manual Integrations

APPROVED

MMDadoda

10/21/2019 11:02:58 AM



#24

1,1-Dichloroethane

Concen: 19.992 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

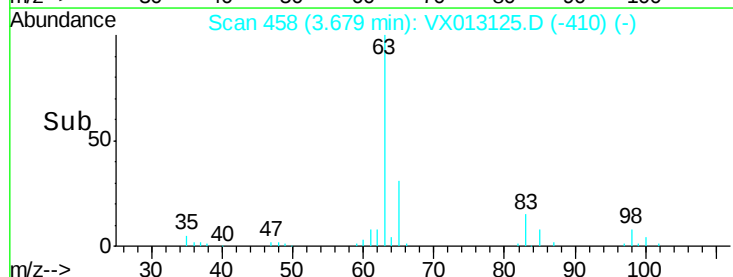
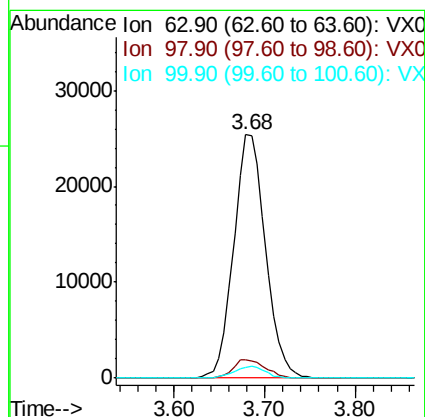
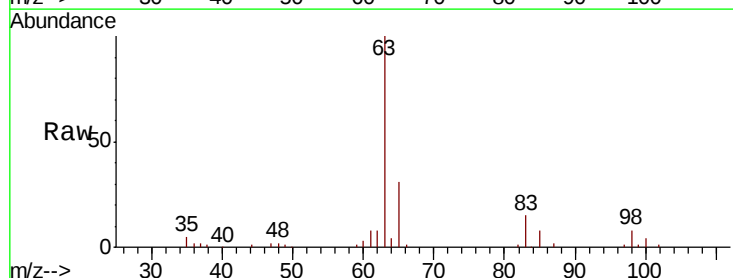
Tgt Ion: 63 Resp: 61646

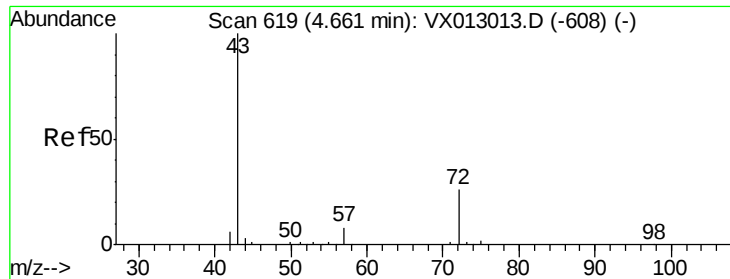
Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.5

100 4.3 2.3 6.9





#25

2-Butanone

Concen: 87.411 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX1018WBS01

Tot Ion: 43 Resp: 126987

Ion Ratio Lower Upper

43 100

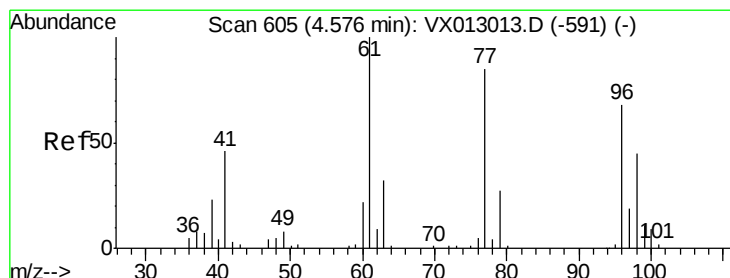
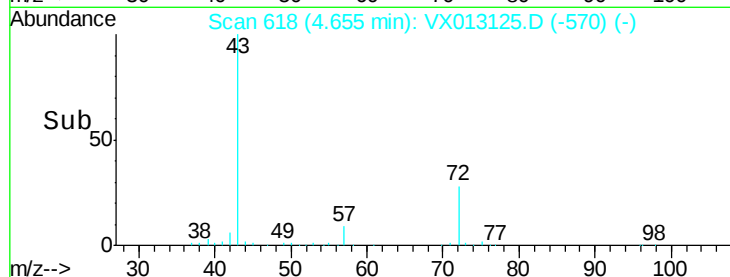
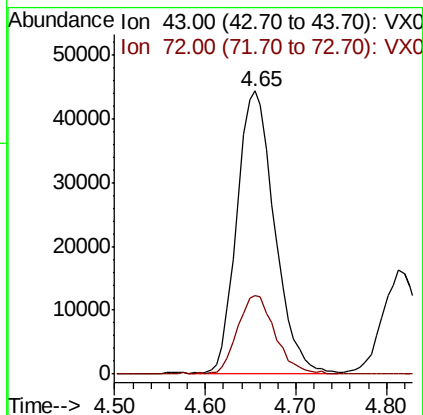
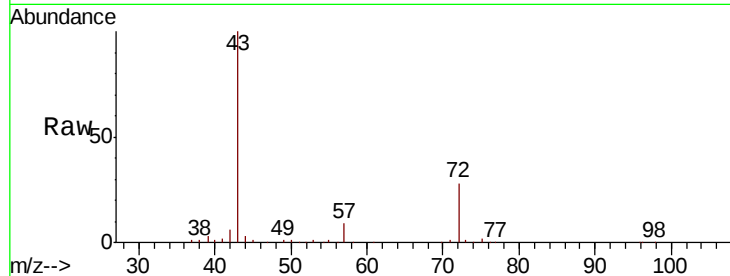
72 27.7 21.0 31.6

Manual Integrations

APPROVED

MMDadoda

10/21/2019 11:02:58 AM



#26

2,2-Dichloropropane

Concen: 20.905 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX013125.D

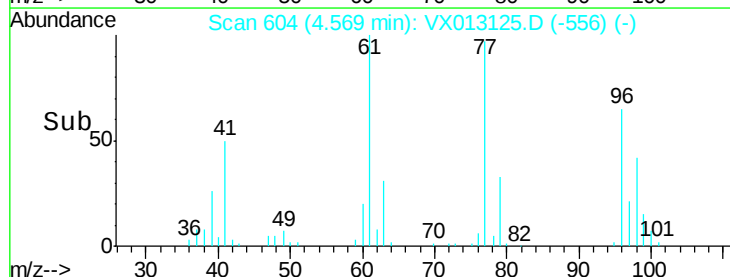
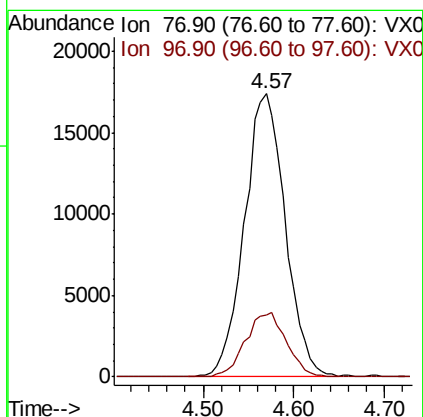
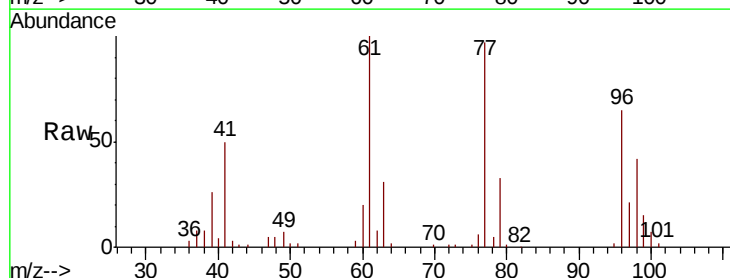
Acq: 18 Oct 2019 14:25

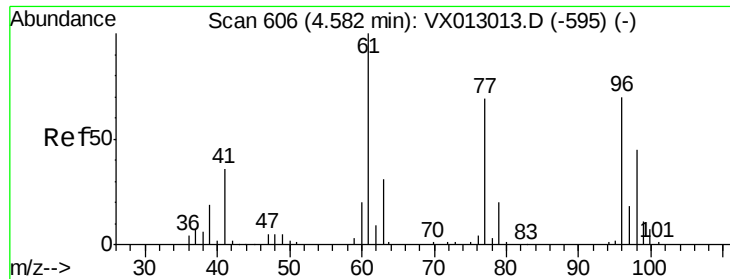
Tgt Ion: 77 Resp: 54207

Ion Ratio Lower Upper

77 100

97 22.6 11.3 33.9





#27

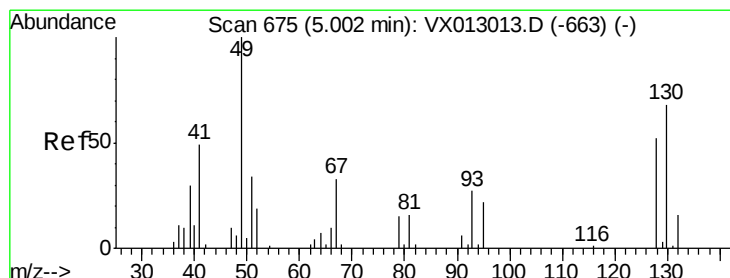
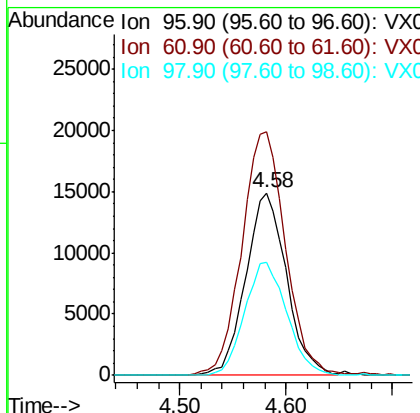
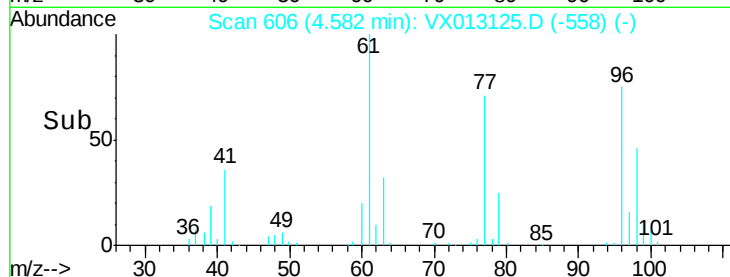
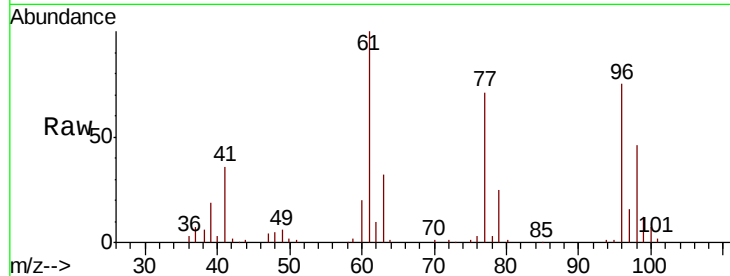
cis-1,2-Dichloroethene
 Concen: 20.160 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: VX013125.D
 Acq: 18 Oct 2019 14:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1018WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.9	0.0	290.6
98	64.2	0.0	128.8

Manual Integrations
 APPROVED

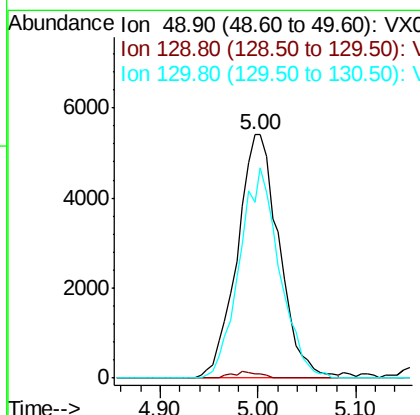
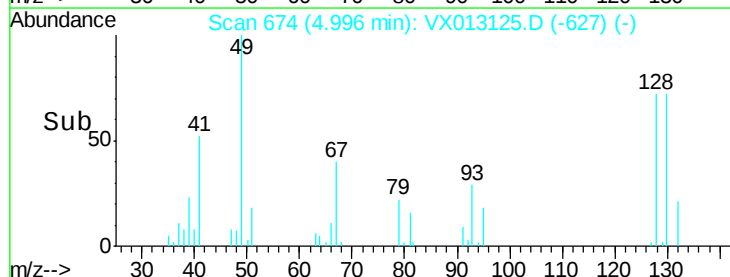
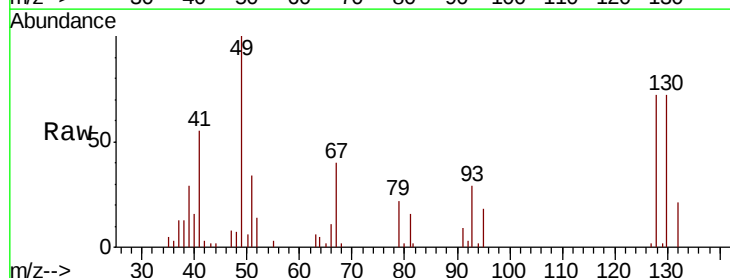
MMDadoda
 10/21/2019 11:02:58 AM

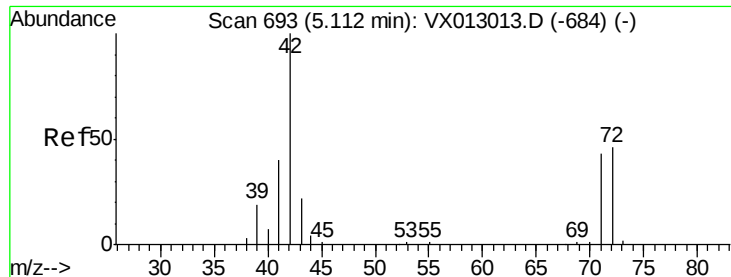


#28

Bromochloromethane
 Concen: 17.143 ug/l
 RT: 5.00 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: VX013125.D
 Acq: 18 Oct 2019 14:25

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	4.2
130	82.3	62.1	93.1





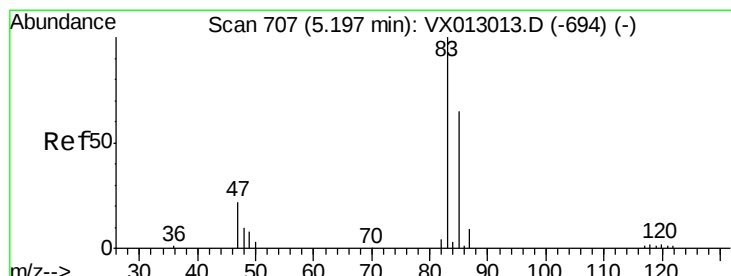
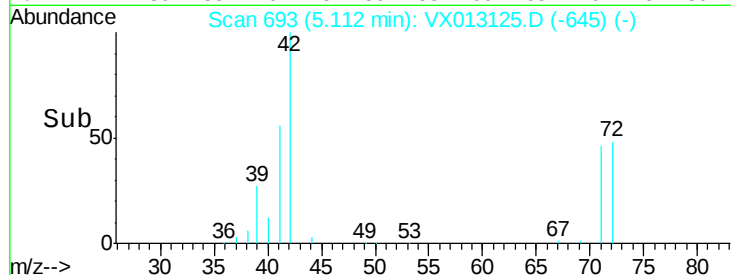
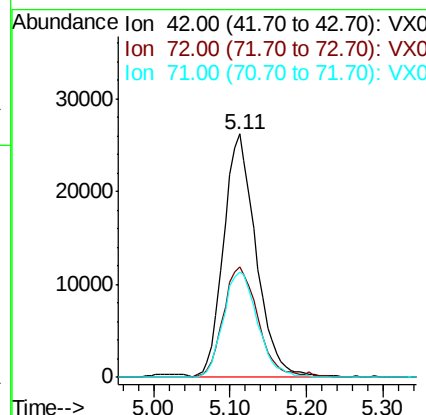
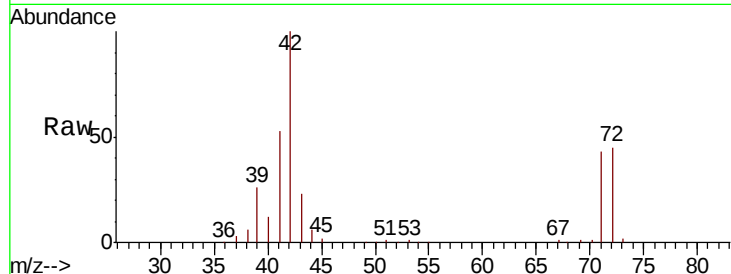
#29
Tetrahydrofuran
Concen: 85.821 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX1018WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.6	36.9	55.3
71	46.1	33.5	50.3

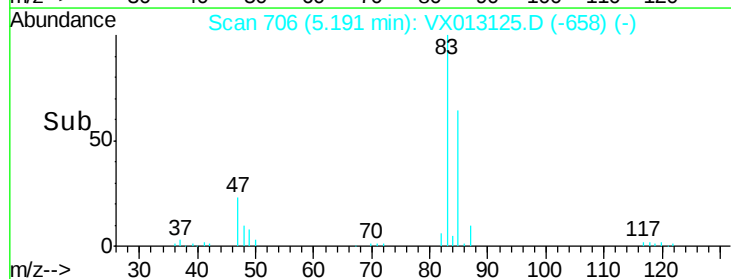
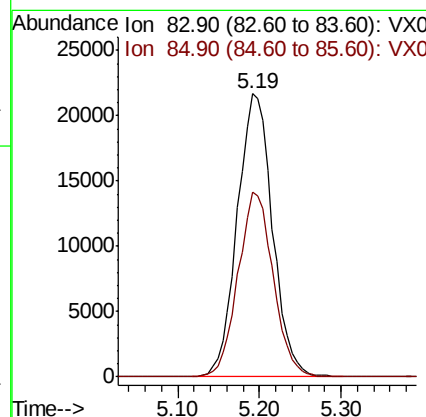
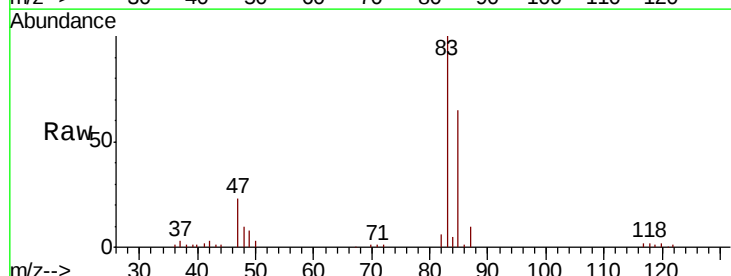
Manual Integrations
APPROVED

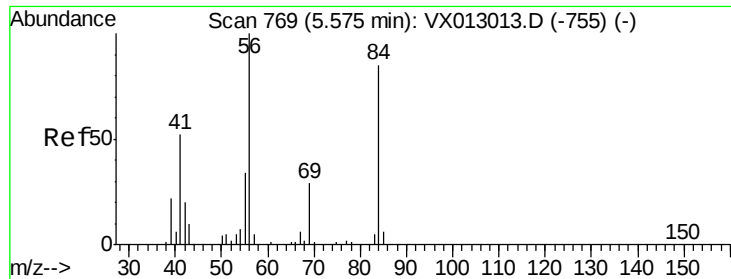
MMDadoda
10/21/2019 11:02:58 AM



#30
Chloroform
Concen: 20.449 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.5	77.3





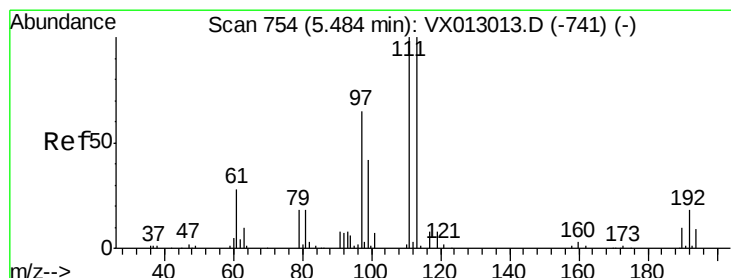
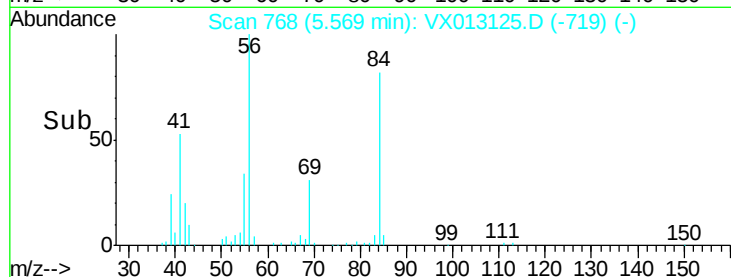
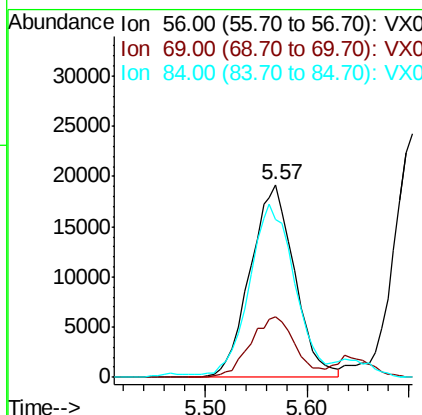
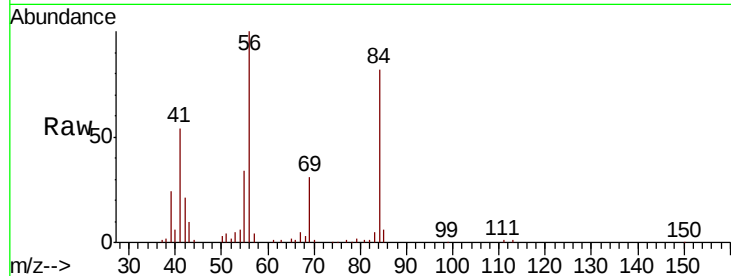
#31
Cyclohexane
Concen: 20.045 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX1018WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.3	25.2	37.8
84	80.3	71.3	106.9

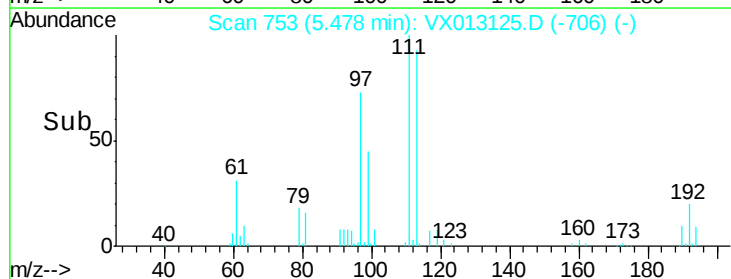
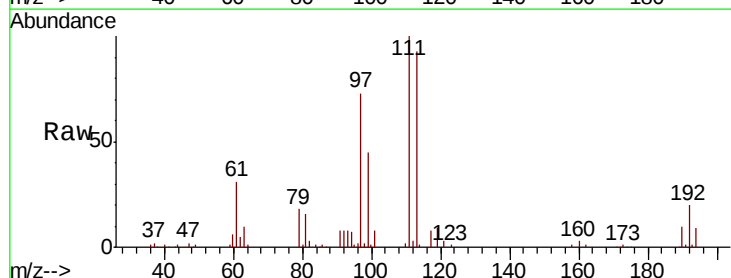
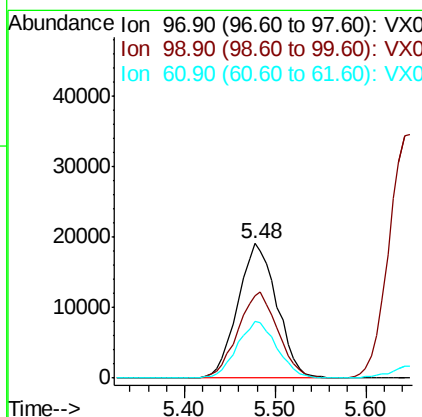
Manual Integrations
APPROVED

MMDadoda
10/21/2019 11:02:58 AM



#32
1,1,1-Trichloroethane
Concen: 21.285 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	52.3	78.5
61	42.7	35.0	52.4





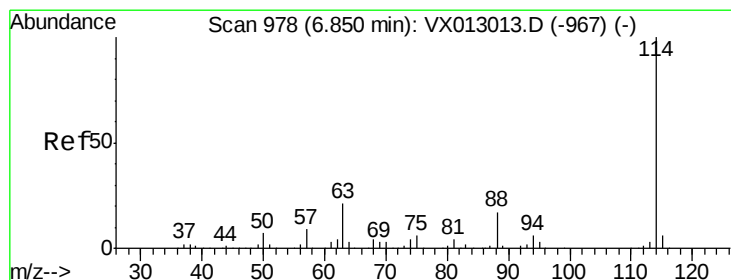
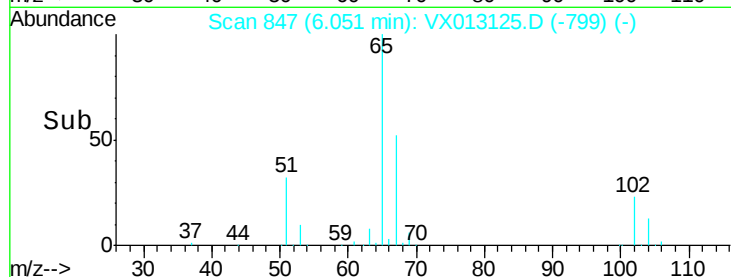
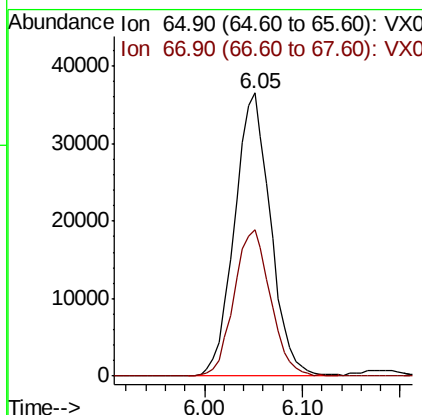
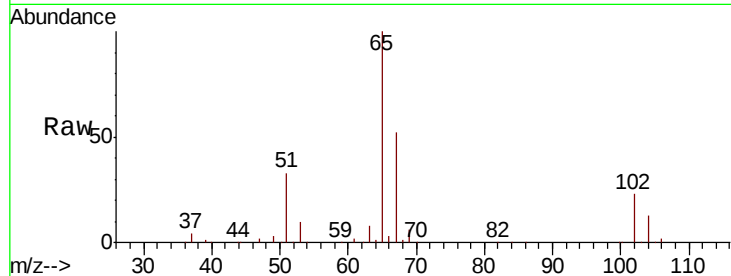
#33
 1,2-Dichloroethane-d4
 Concen: 46.937 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX013125.D
 Acq: 18 Oct 2019 14:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1018WBS01

Tot Ion: 65 Resp: 93244
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.4

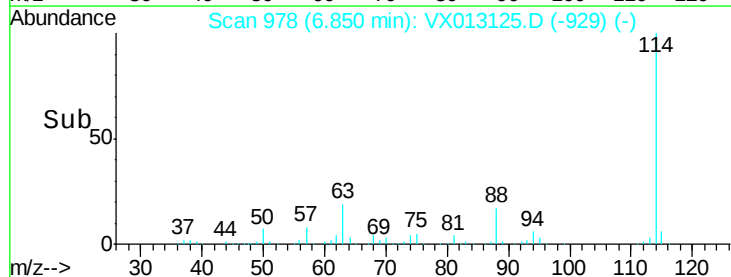
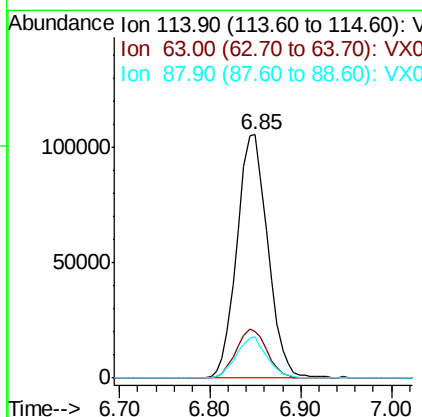
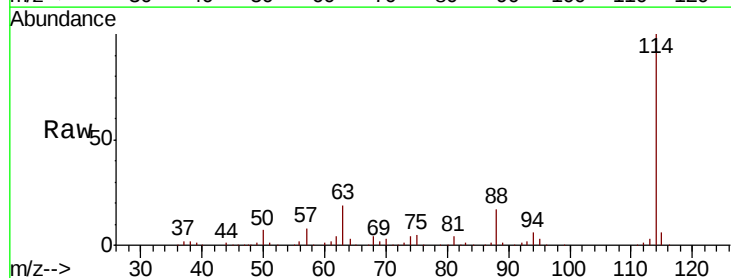
Manual Integrations
 APPROVED

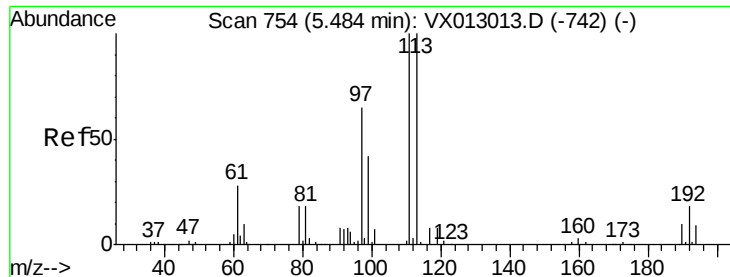
MMDadoda
 10/21/2019 11:02:58 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013125.D
 Acq: 18 Oct 2019 14:25

Tgt Ion: 114 Resp: 250331
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 40.8
 88 17.0 0.0 33.8





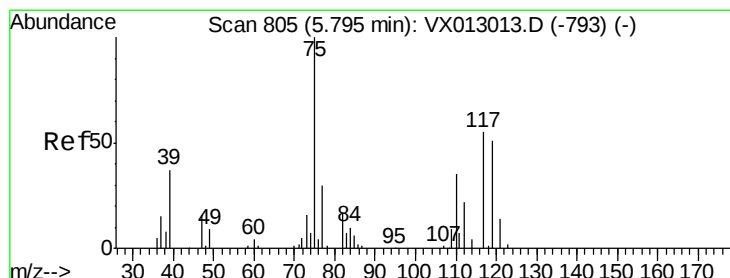
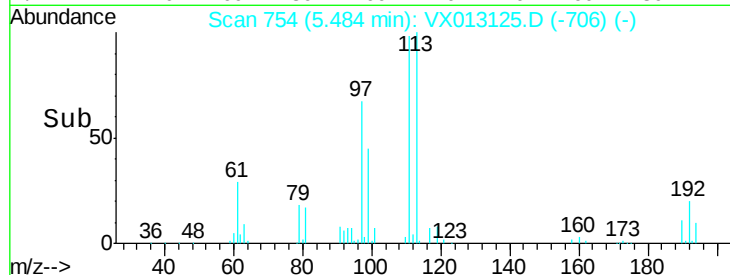
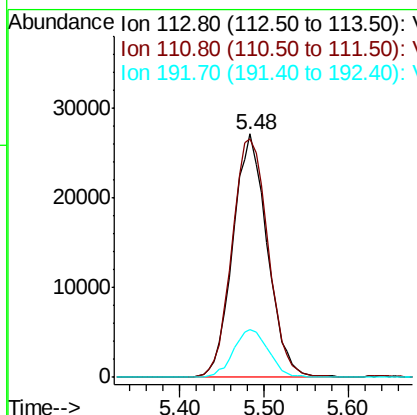
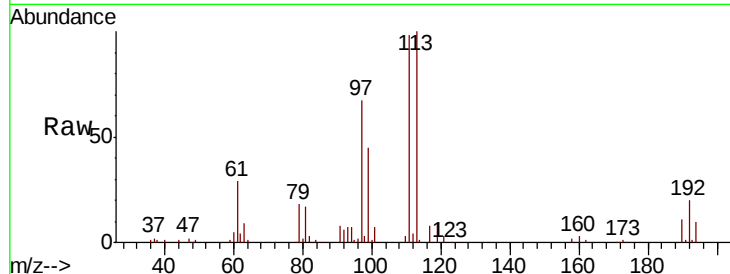
#35
 Dibromofluoromethane
 Concen: 52.107 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX013125.D
 Acq: 18 Oct 2019 14:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1018WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	74866		
111	103.4		83.2	124.8
192	19.9		15.4	23.2

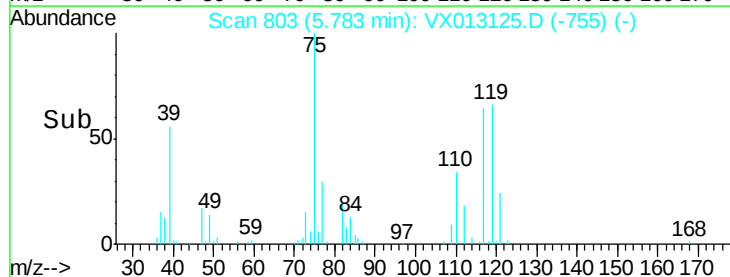
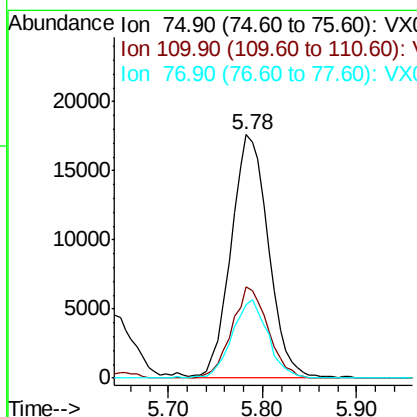
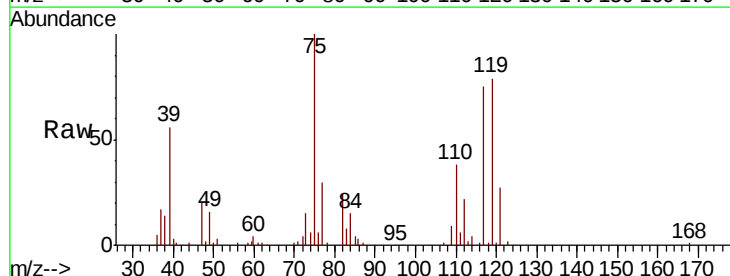
Manual Integrations
 APPROVED

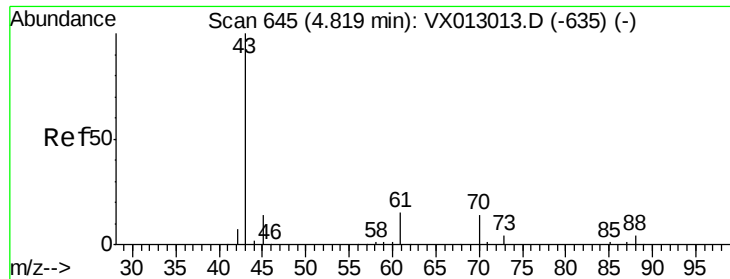
MMDadoda
 10/21/2019 11:02:58 AM



#36
 1,1-Dichloropropene
 Concen: 22.193 ug/l
 RT: 5.78 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: VX013125.D
 Acq: 18 Oct 2019 14:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	48845		
110	36.1		17.6	52.9
77	30.9		24.4	36.6





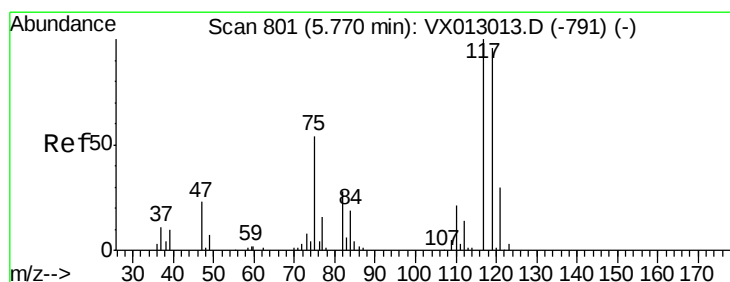
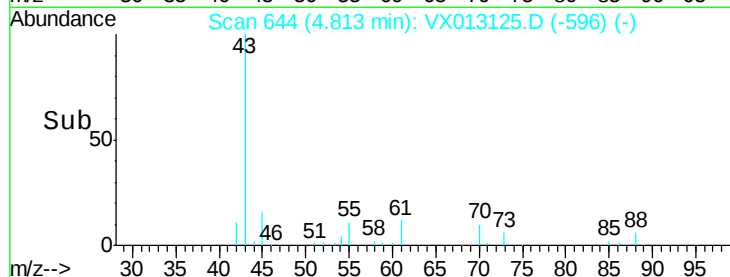
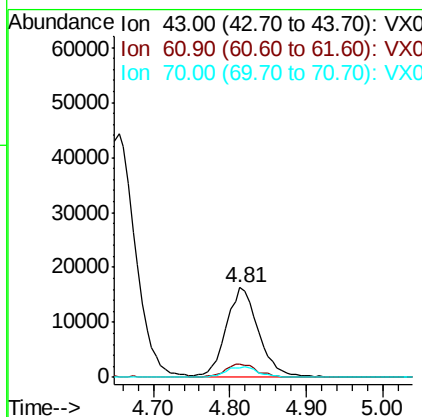
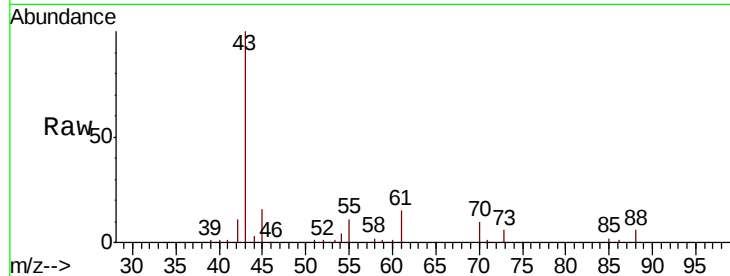
#37
Ethyl Acetate
Concen: 19.250 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX1018WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	11.4	17.0
70	11.9	9.8	14.6

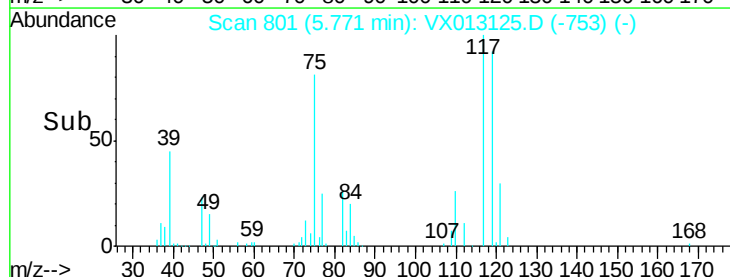
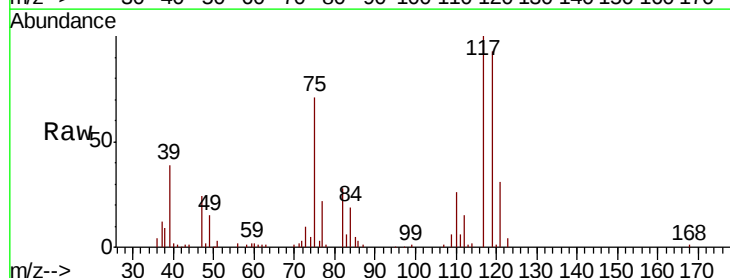
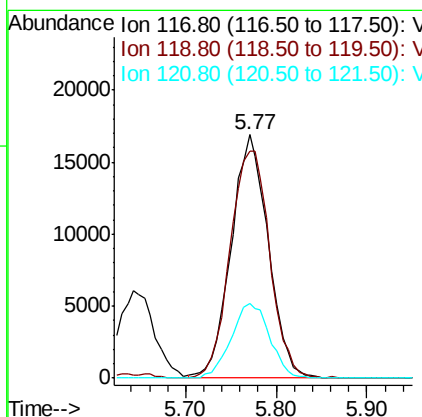
Manual Integrations
APPROVED

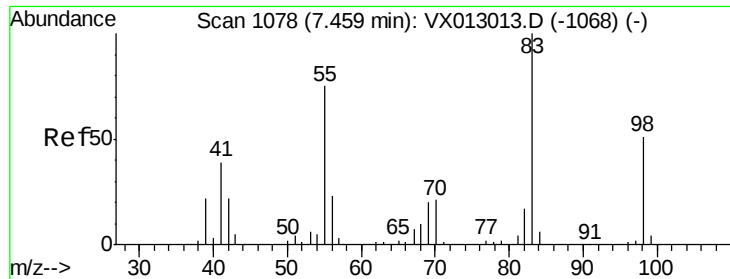
MMDadoda
10/21/2019 11:02:58 AM



#38
Carbon Tetrachloride
Concen: 22.384 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.3	74.5	111.7
121	30.8	24.2	36.4





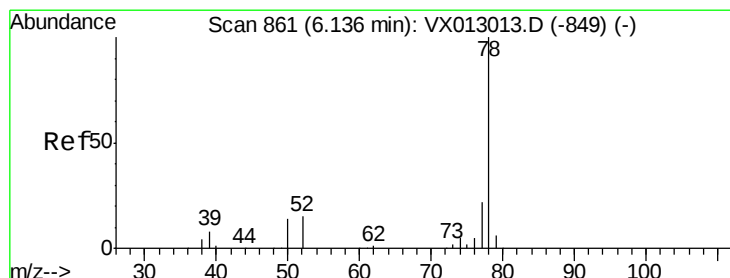
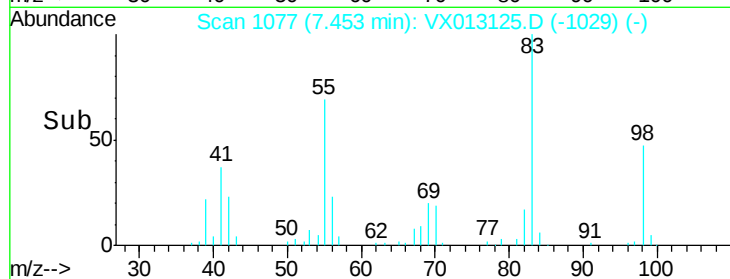
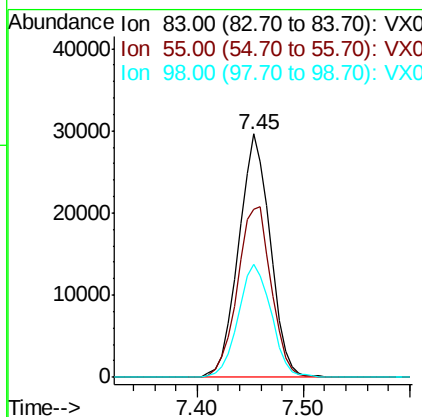
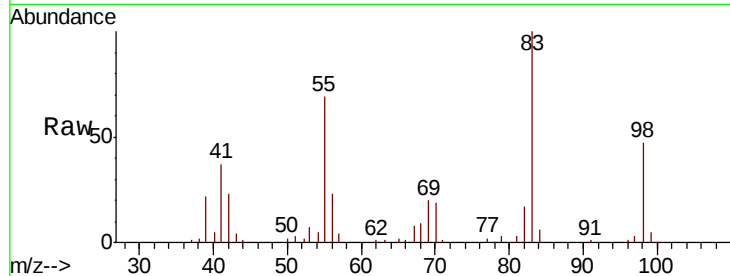
#39
Methvlcvclohexane
Concen: 23.205 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX1018WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.1	60.2	90.4
98	46.5	38.5	57.7

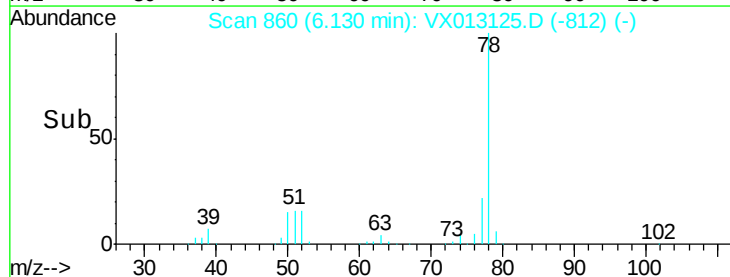
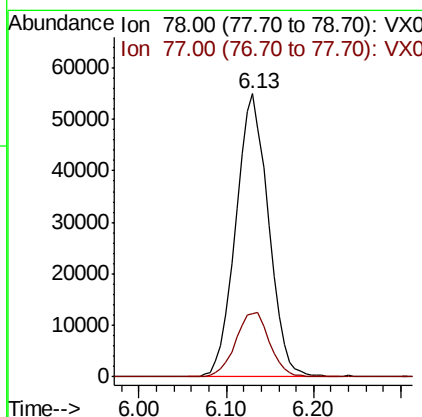
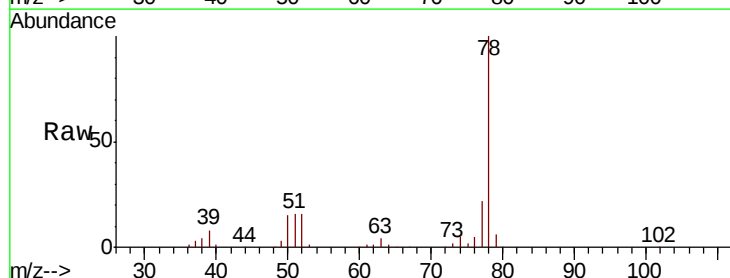
Manual Integrations
APPROVED

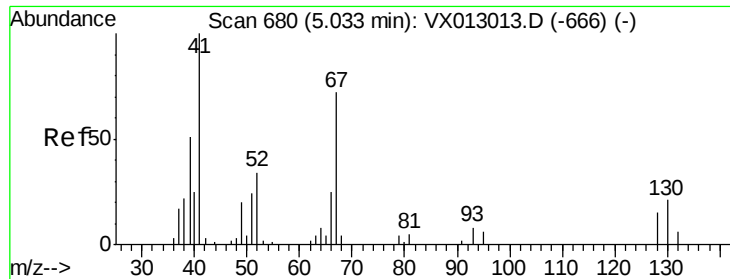
MMDadoda
10/21/2019 11:02:58 AM



#40
Benzene
Concen: 21.981 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.3	19.0	28.4





#41

Methacrylonitrile

Concen: 18.819 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX1018WBS01

Tot Ion: 41 Resp: 25449

Ion Ratio Lower Upper

41 100

39 54.5 44.0 66.0

67 78.2 58.5 87.7

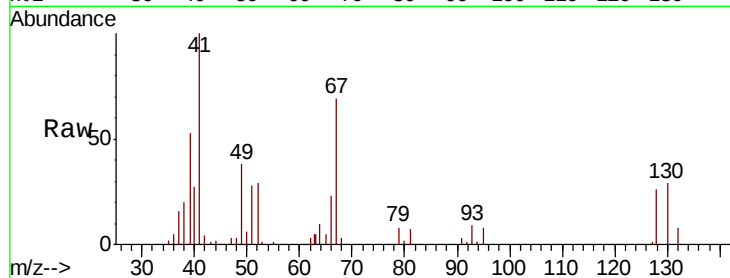
52 31.5 23.8 35.8

Manual Integrations

APPROVED

MMDadoda

10/21/2019 11:02:58 AM

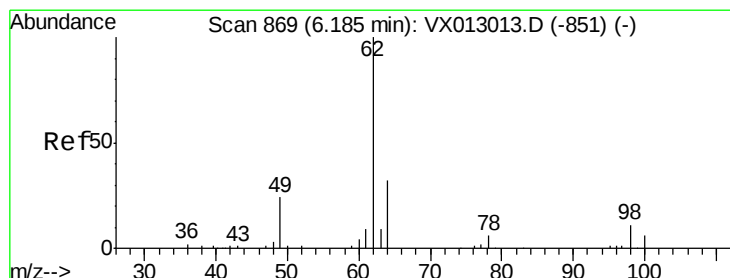
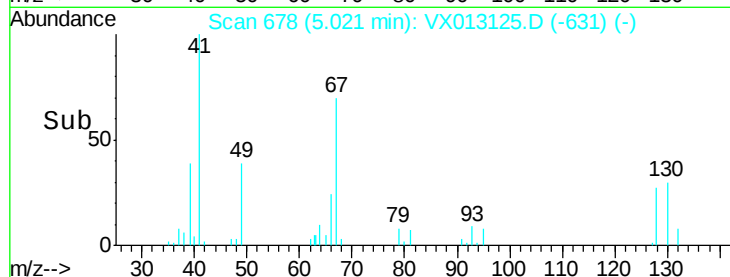
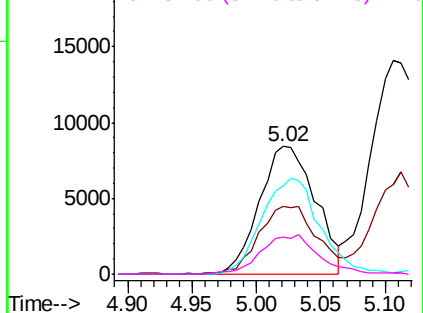


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 22.908 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX013125.D

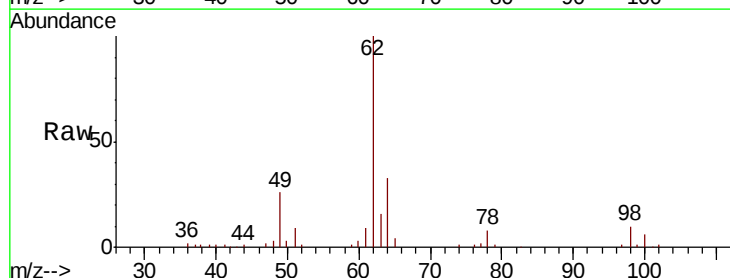
Acq: 18 Oct 2019 14:25

Tgt Ion: 62 Resp: 53434

Ion Ratio Lower Upper

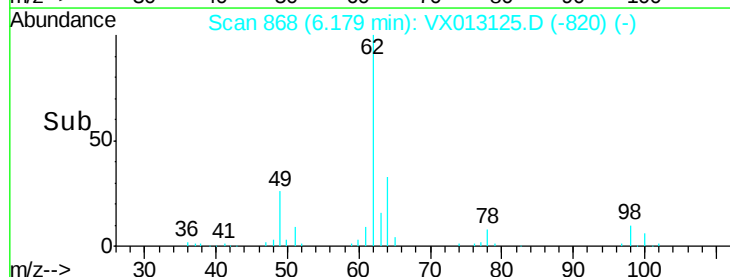
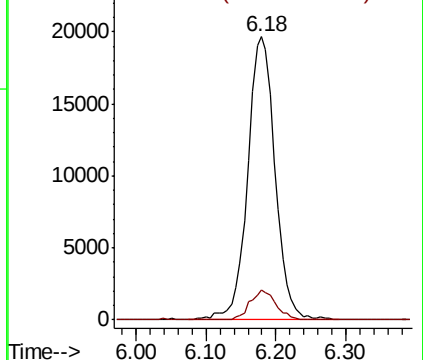
62 100

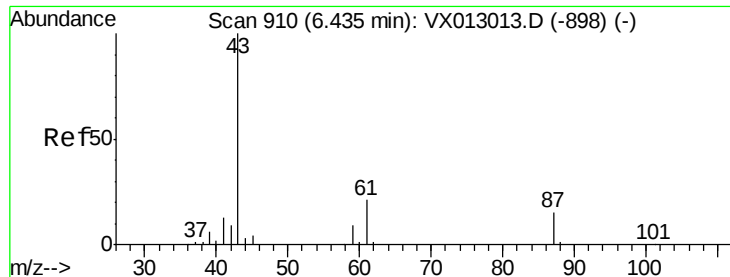
98 9.9 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

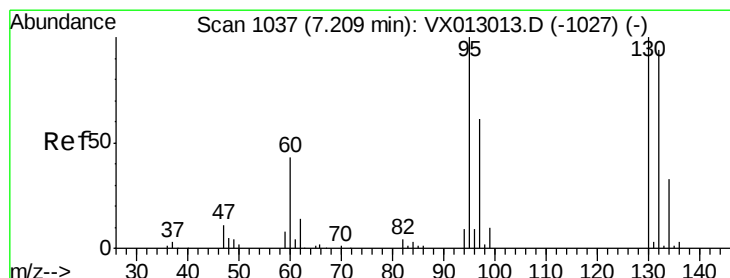
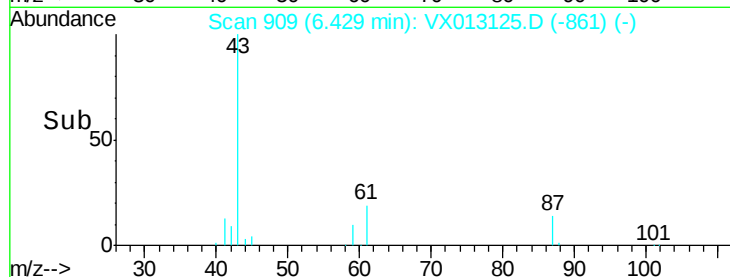
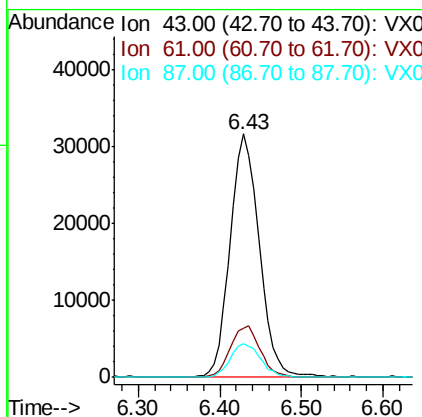
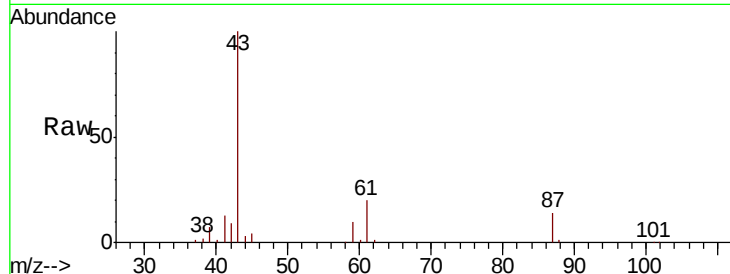
Isopropyl Acetate
 Concen: 19.846 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX013125.D
 Acq: 18 Oct 2019 14:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1018WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.4	16.6	24.8
87	14.5	11.0	16.6

Manual Integrations
 APPROVED

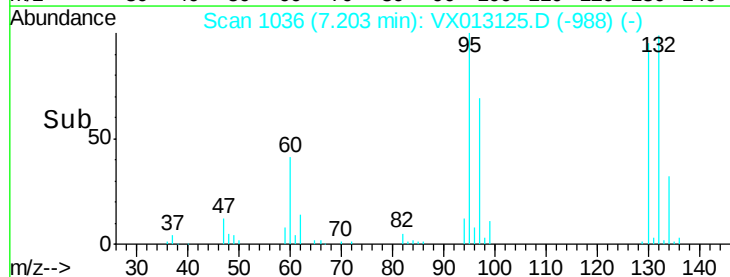
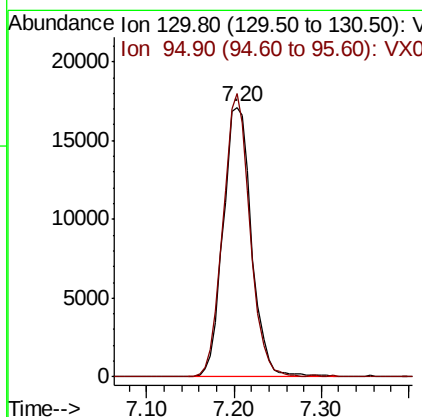
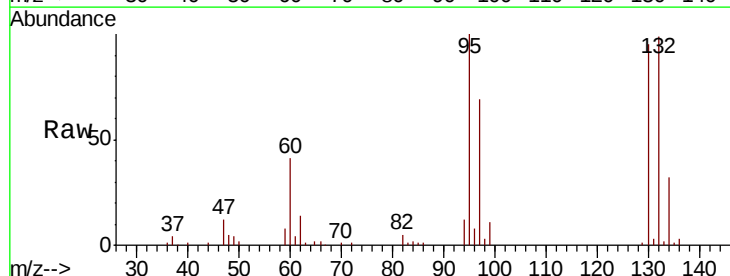
MMDadoda
 10/21/2019 11:02:58 AM

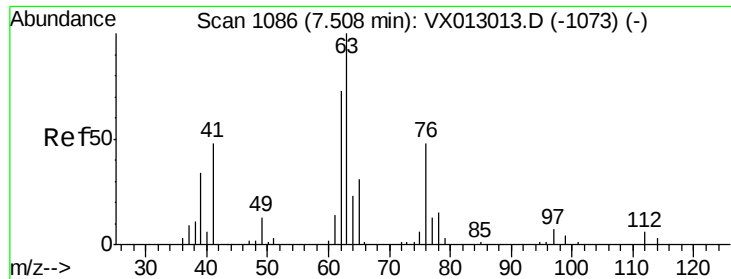


#44

Trichloroethene
 Concen: 21.418 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX013125.D
 Acq: 18 Oct 2019 14:25

Tgt Ion	Ratio	Lower	Upper
130	100		
95	105.1	0.0	189.2





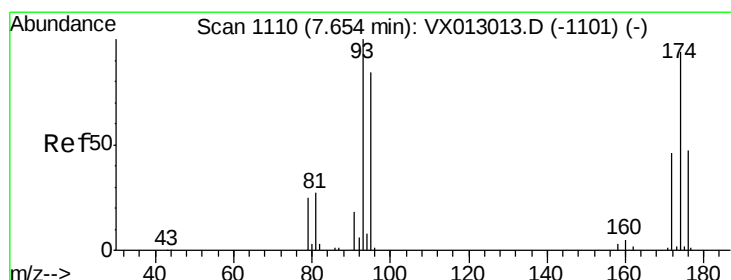
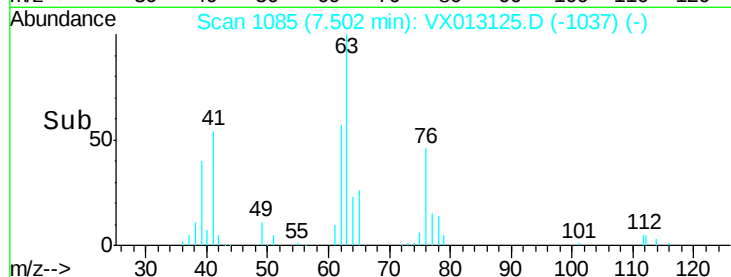
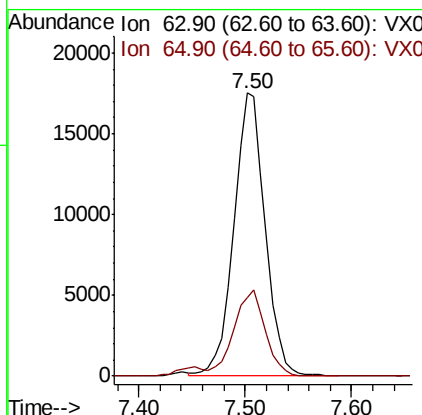
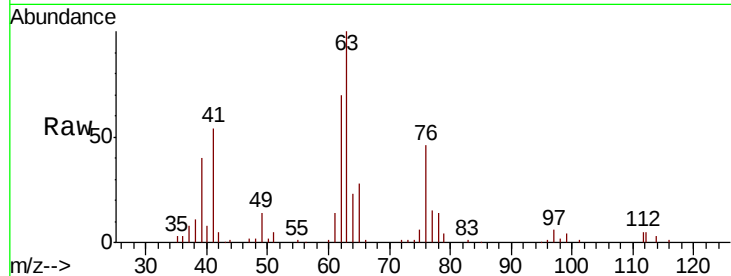
#45
 1,2-Dichloropropane
 Concen: 21.802 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013125.D
 Acq: 18 Oct 2019 14:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1018WBS01

Tot Ion: 63 Resp: 36121
 Ion Ratio Lower Upper
 63 100
 65 27.7 24.6 37.0

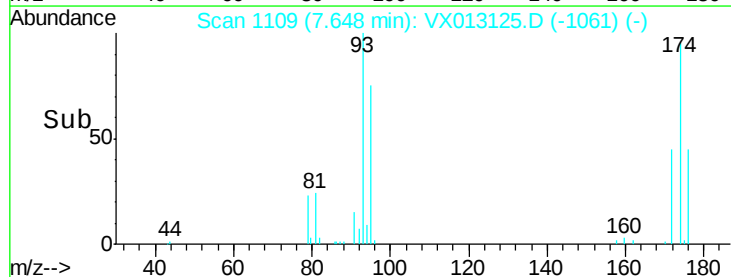
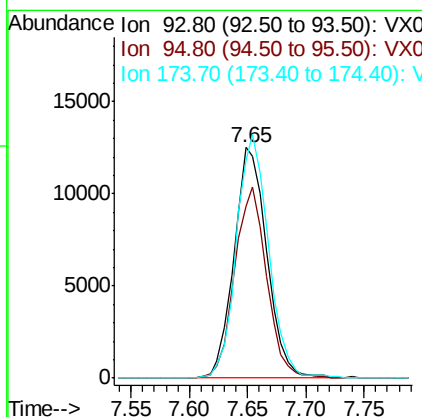
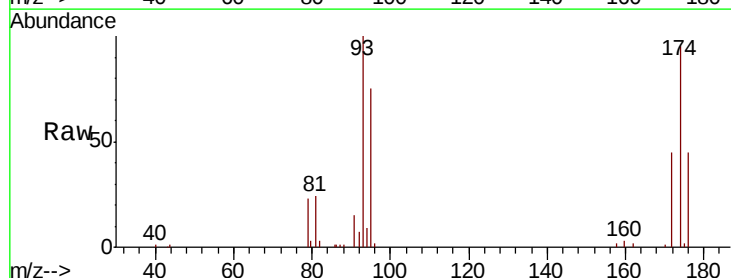
Manual Integrations
 APPROVED

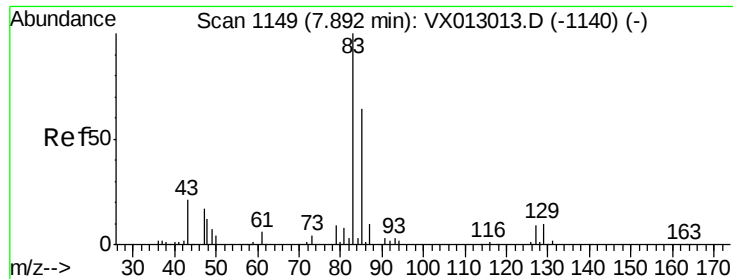
MMDadoda
 10/21/2019 11:02:58 AM



#46
 Dibromomethane
 Concen: 22.336 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX013125.D
 Acq: 18 Oct 2019 14:25

Tgt Ion: 93 Resp: 24655
 Ion Ratio Lower Upper
 93 100
 95 80.6 66.3 99.5
 174 103.7 77.8 116.6





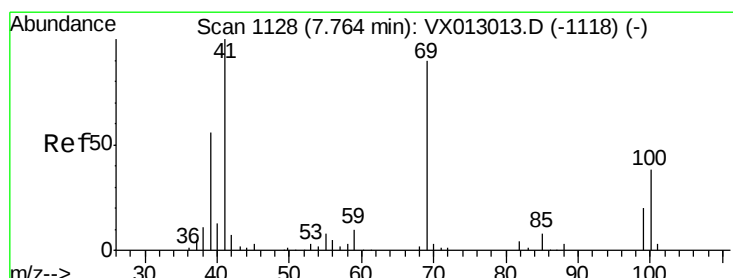
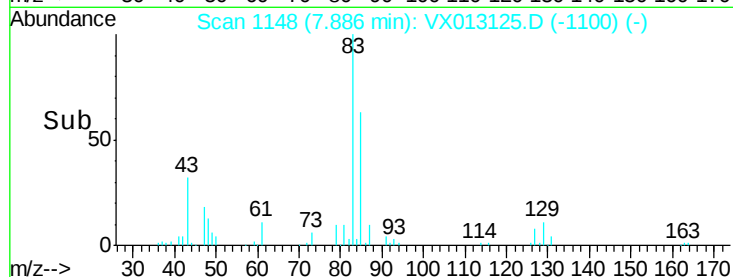
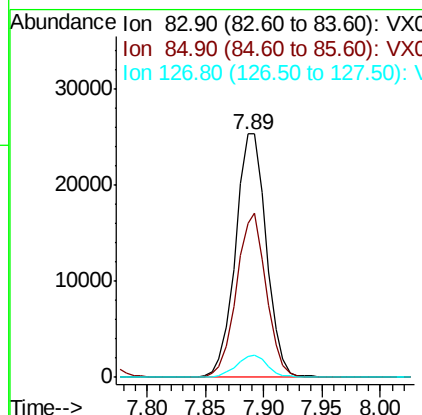
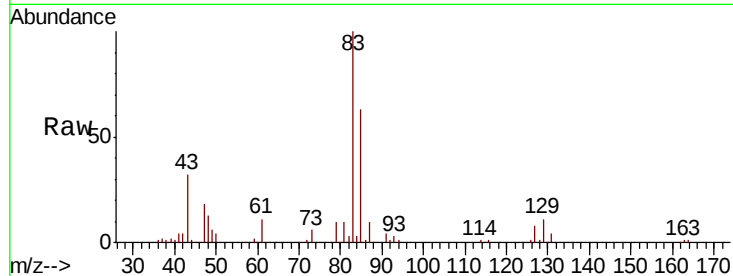
#47
Bromodichloromethane
Concen: 21.765 ug/l
RT: 7.89 min Scan# 1148
Delta R.T. -0.01 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX1018WBS01

Tot Ion	83	Resp	46884
Ion Ratio	100	Lower	Upper
83	100		
85	63.2	52.4	78.6
127	8.5	6.6	10.0

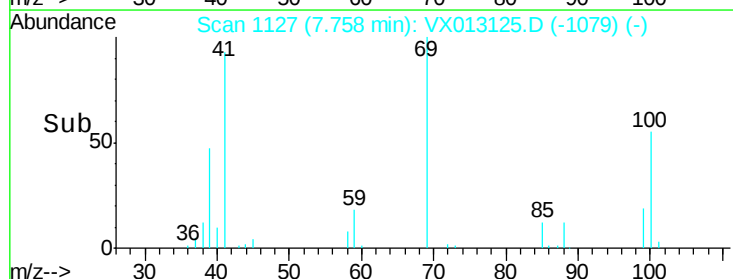
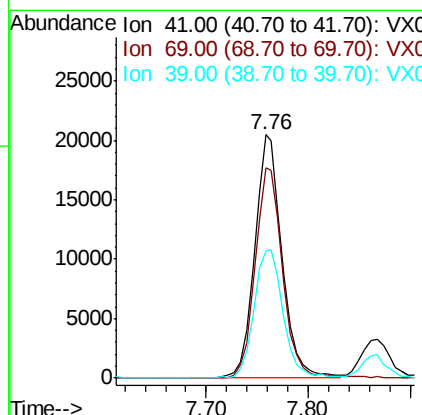
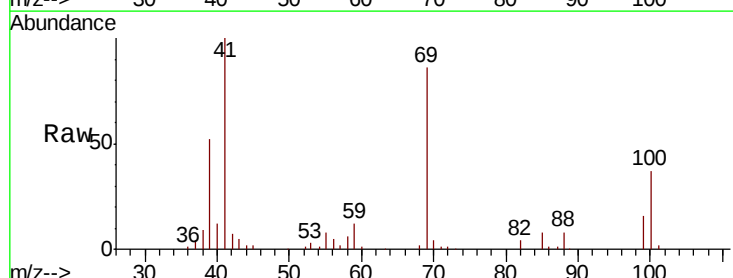
Manual Integrations
APPROVED

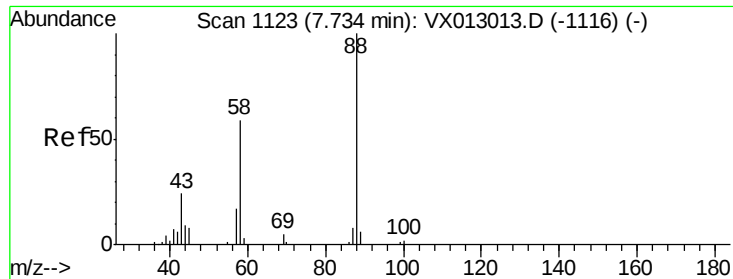
MMDadoda
10/21/2019 11:02:58 AM



#48
Methyl methacrylate
Concen: 19.923 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Tgt Ion	41	Resp	38350
Ion Ratio	100	Lower	Upper
41	100		
69	87.0	68.7	103.1
39	56.1	44.3	66.5





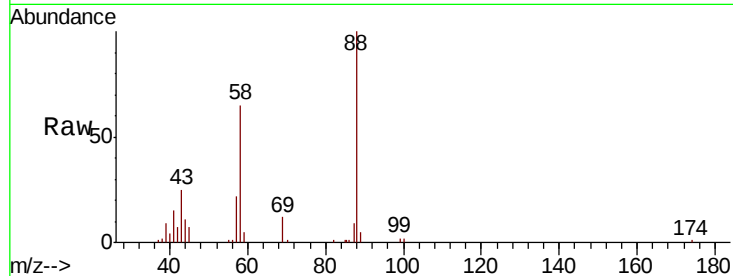
#49
1,4-Dioxane
Concen: 379.928 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX1018WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.2	25.0	37.6
58	69.1	55.4	83.2

Manual Integrations
APPROVED

MMDadoda
10/21/2019 11:02:58 AM

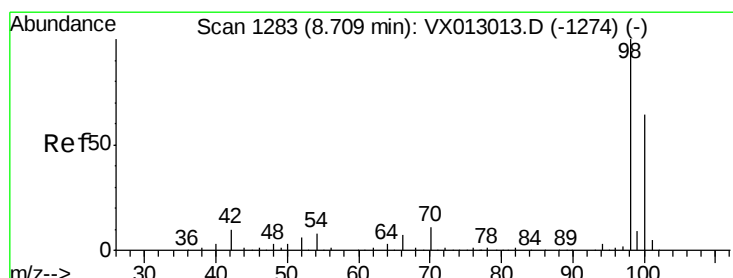
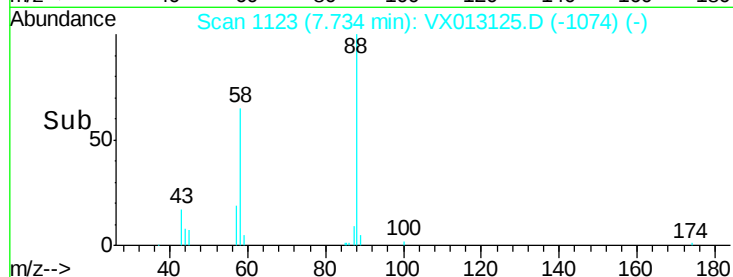
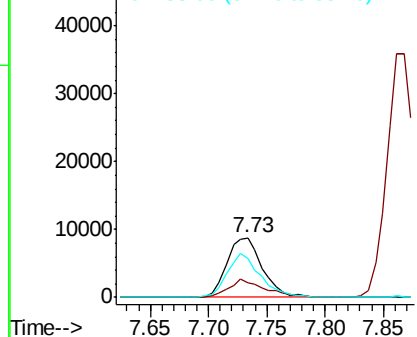


Abundance

Ion 88.00 (87.70 to 88.70): VX0

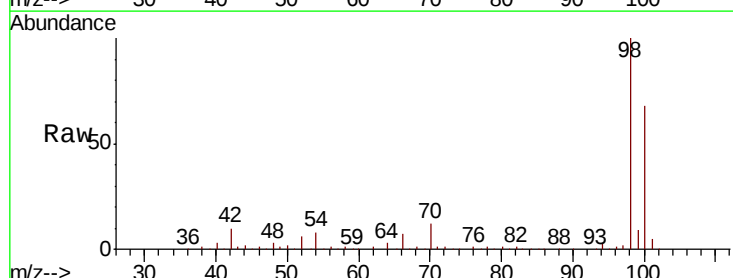
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 50.357 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

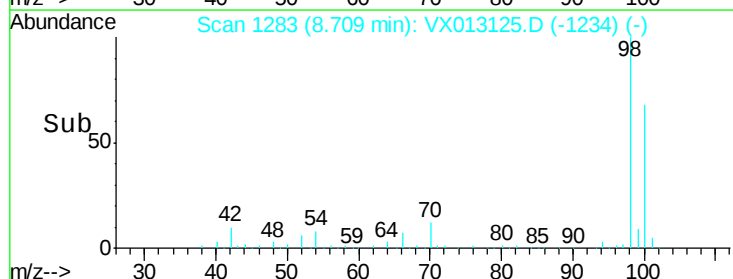
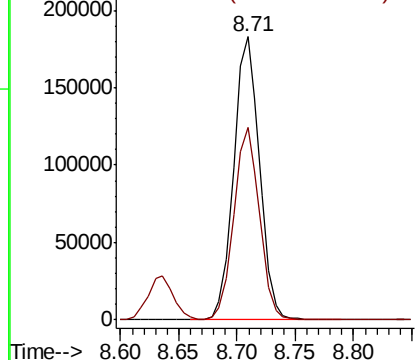
Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.9	53.4	80.2

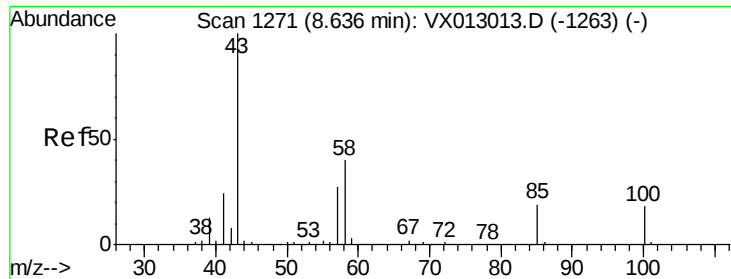


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





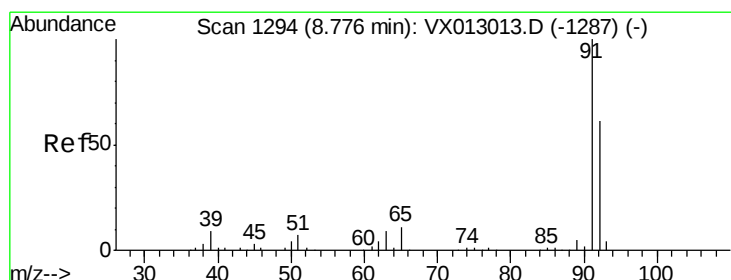
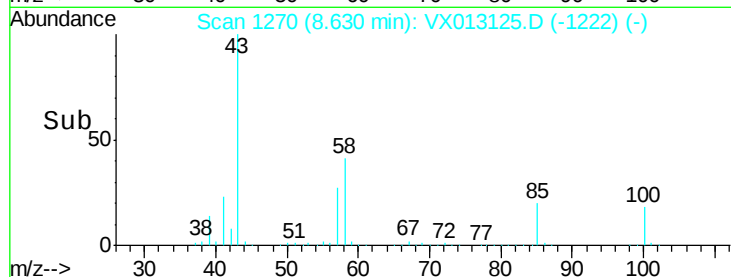
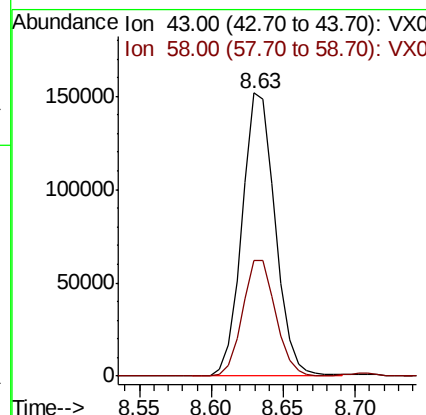
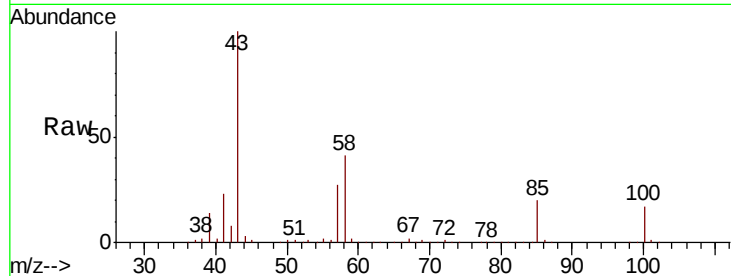
#51
4-Methyl-2-Pentanone
Concen: 98.237 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX1018WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	41.0	32.4	48.6

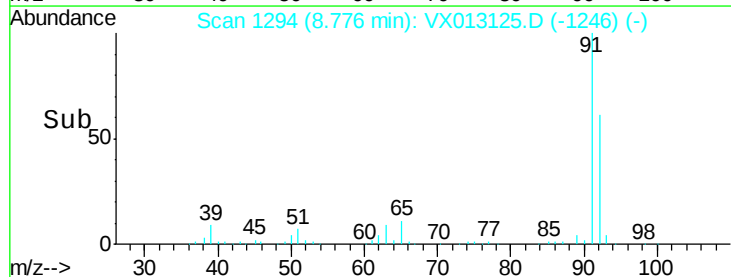
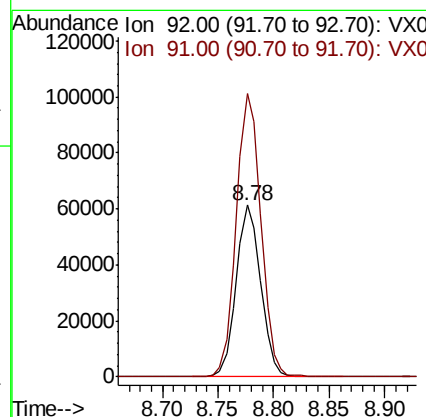
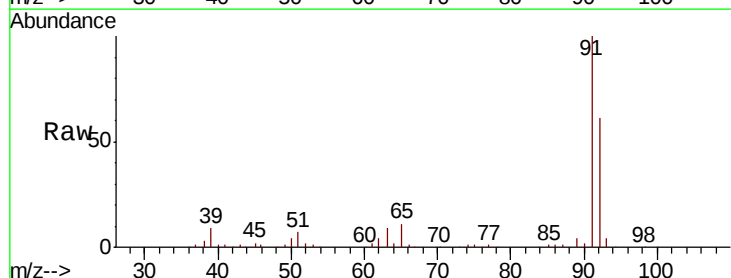
Manual Integrations
APPROVED

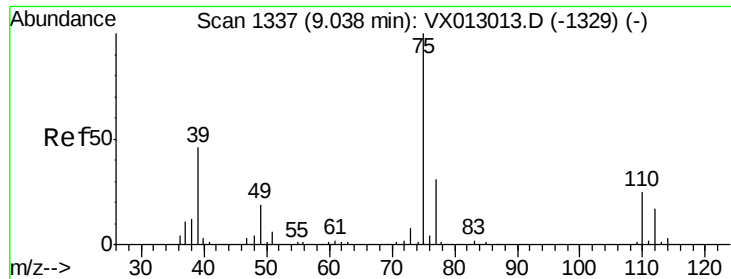
MMDadoda
10/21/2019 11:02:58 AM



#52
Toluene
Concen: 22.507 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Tgt Ion	Ratio	Lower	Upper
92	100		
91	166.8	135.9	203.9





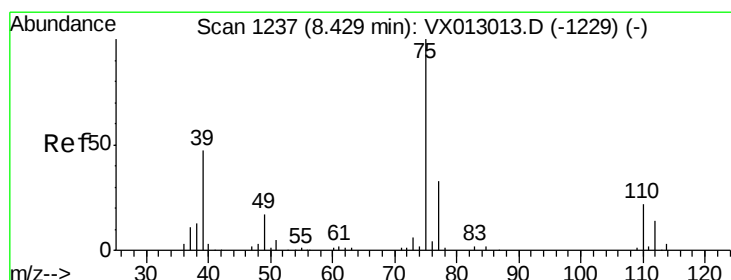
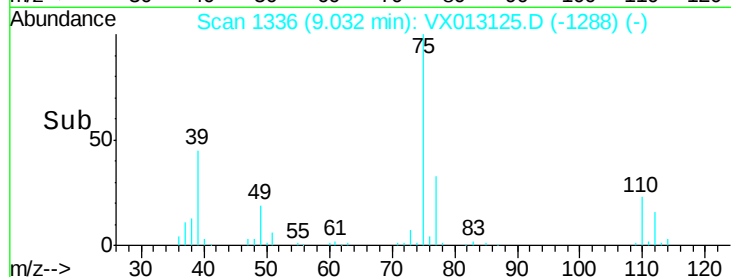
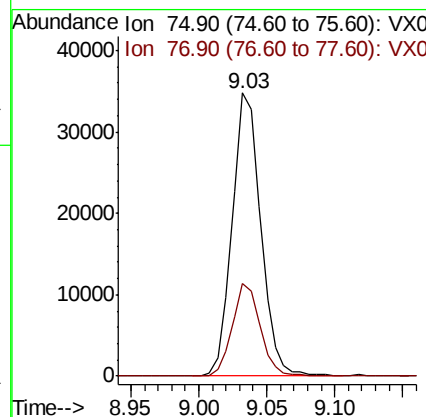
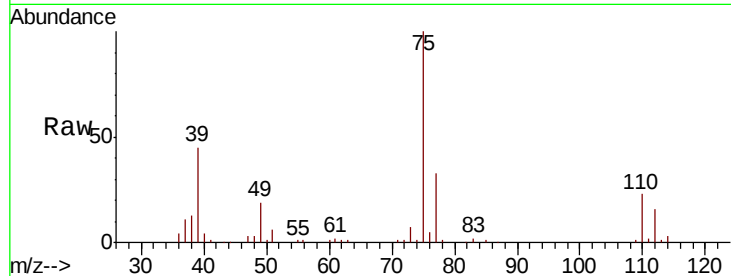
#53
t-1,3-Dichloropropene
Concen: 20.239 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX1018WBS01

Tot Ion: 75 Resp: 50780
Ion Ratio Lower Upper
75 100
77 32.9 25.8 38.6

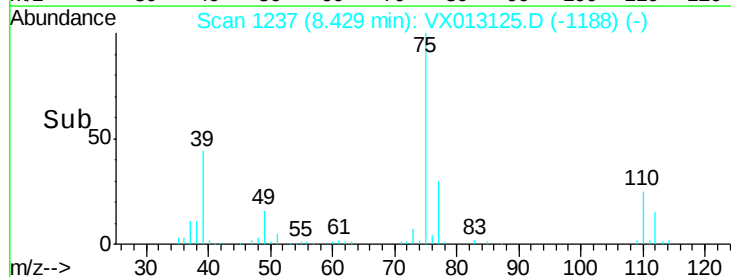
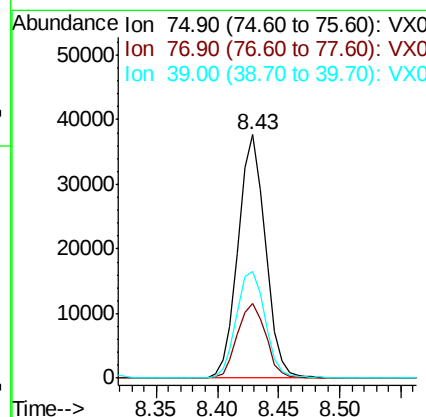
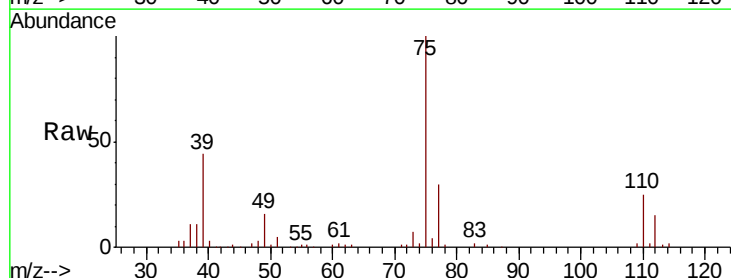
Manual Integrations
APPROVED

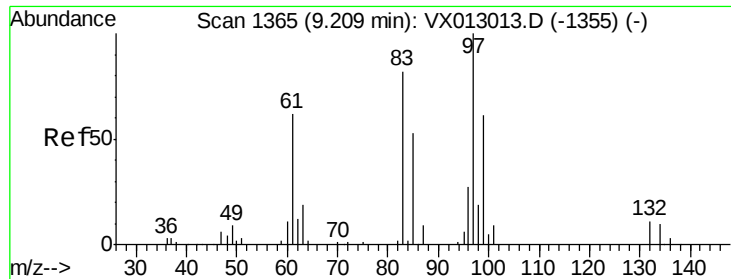
MMDadoda
10/21/2019 11:02:58 AM



#54
cis-1,3-Dichloropropene
Concen: 22.035 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Tgt Ion: 75 Resp: 58378
Ion Ratio Lower Upper
75 100
77 30.4 25.8 38.8
39 44.0 38.2 57.2





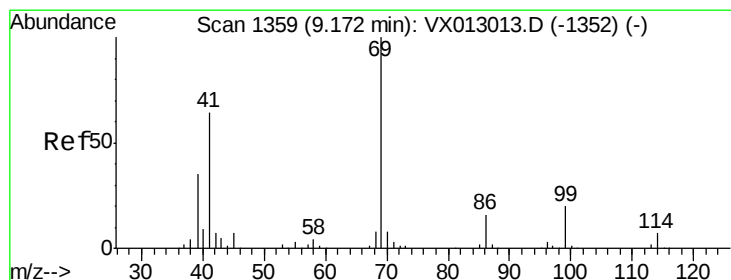
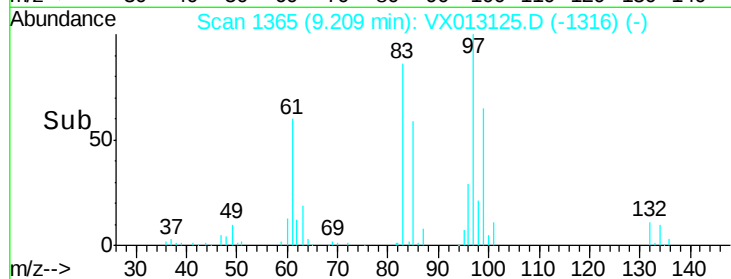
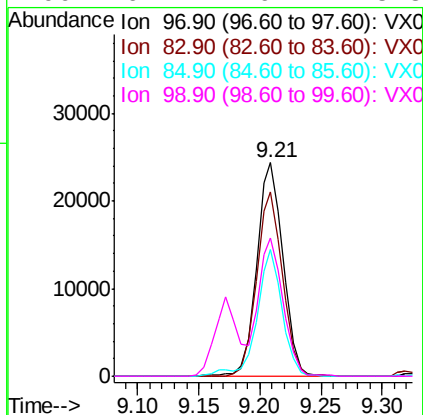
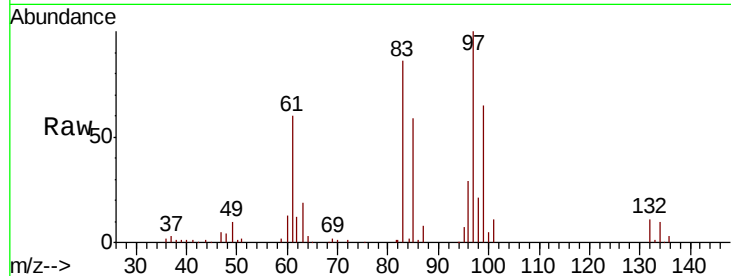
#55
 1,1,2-Trichloroethane
 Concen: 22.195 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013125.D
 Acq: 18 Oct 2019 14:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1018WBS01

Tot Ion:	97	Resp:	36528
Ion	Ratio	Lower	Upper
97	100		
83	86.1	66.5	99.7
85	59.3	43.1	64.7
99	64.4	49.2	73.8

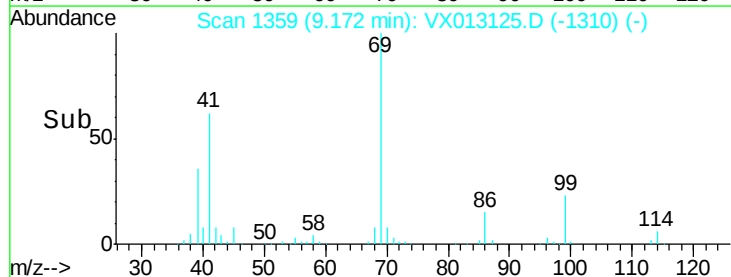
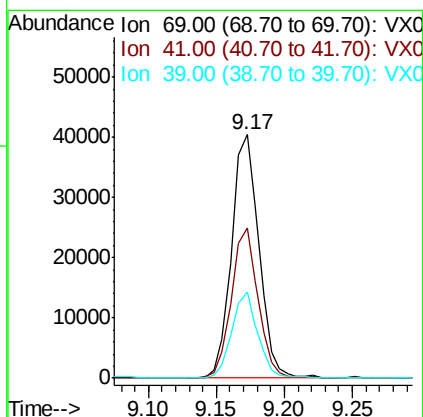
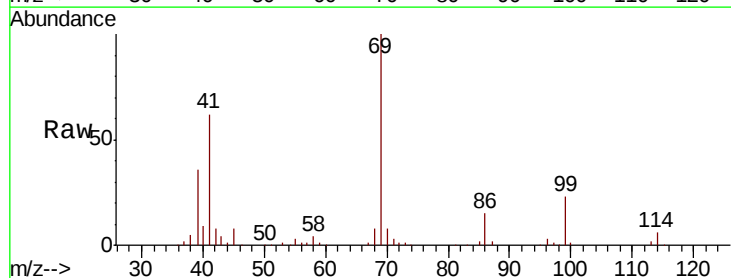
Manual Integrations
 APPROVED

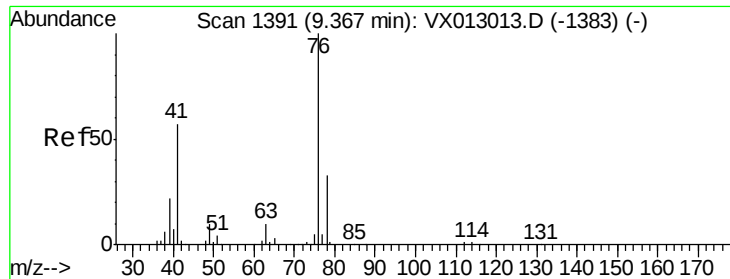
MMDadoda
 10/21/2019 11:02:58 AM



#56
 Ethyl methacrylate
 Concen: 20.357 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013125.D
 Acq: 18 Oct 2019 14:25

Tgt Ion:	69	Resp:	56672
Ion	Ratio	Lower	Upper
69	100		
41	60.6	52.1	78.1
39	34.5	27.8	41.8





#57

1,3-Dichloropropane

Concen: 21.982 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX1018WBS01

Tot Ion: 76 Resp: 62580

Ion Ratio Lower Upper

76 100

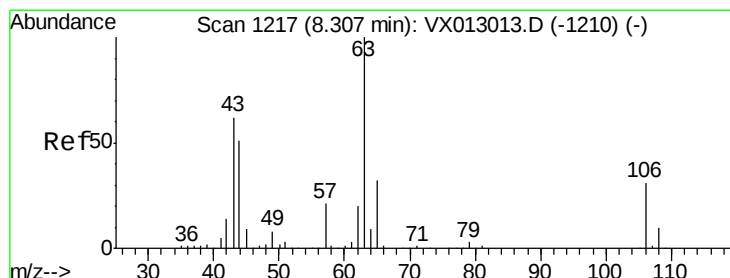
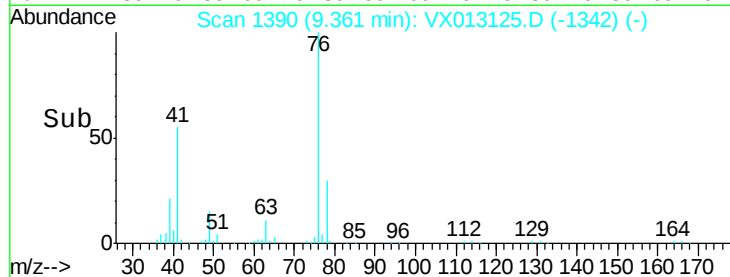
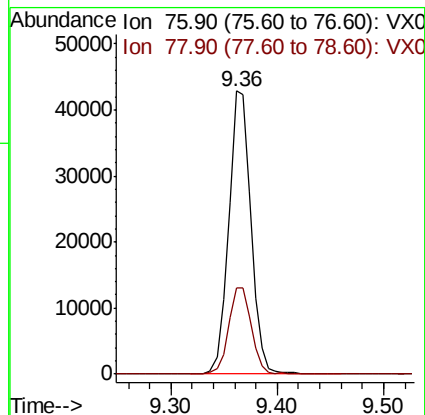
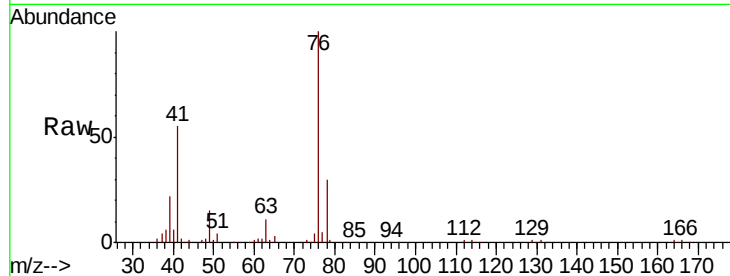
78 31.3 26.1 39.1

Manual Integrations

APPROVED

MMDadoda

10/21/2019 11:02:58 AM



#58

2-Chloroethyl Vinyl ether

Concen: 92.511 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX013125.D

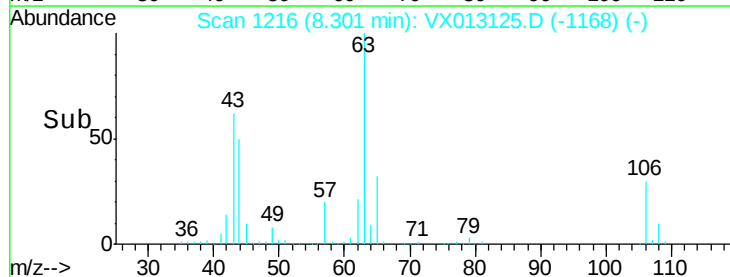
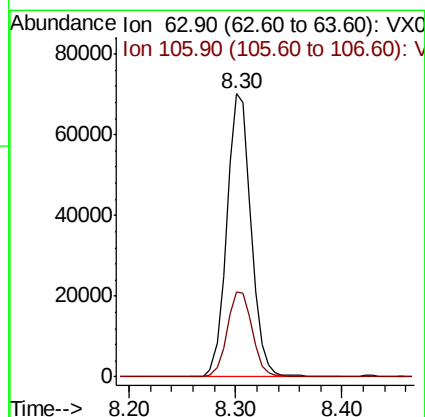
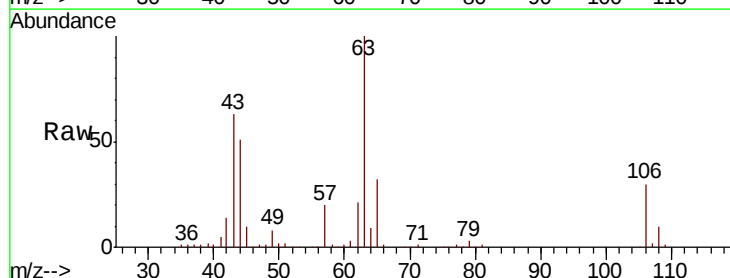
Acq: 18 Oct 2019 14:25

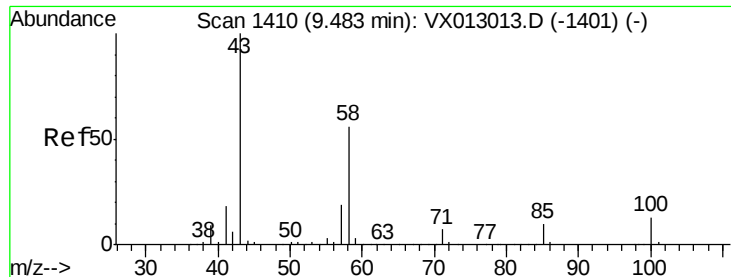
Tgt Ion: 63 Resp: 111848

Ion Ratio Lower Upper

63 100

106 31.0 23.8 35.8





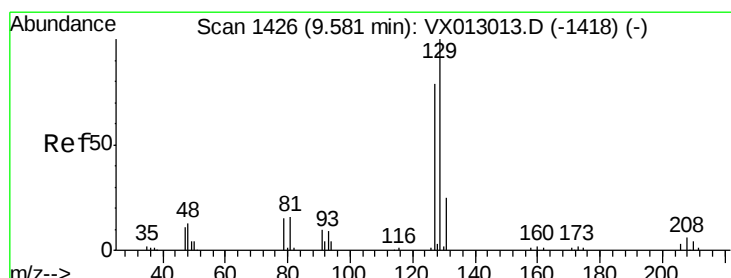
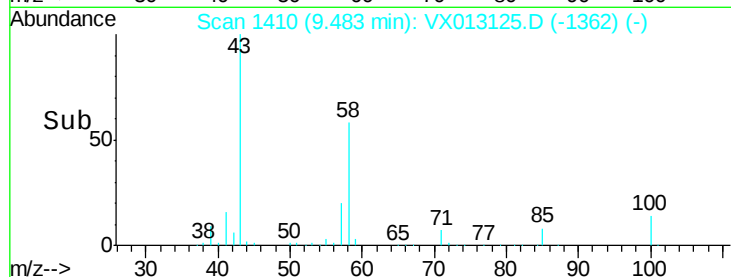
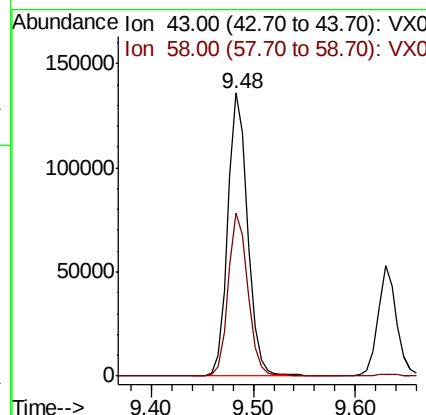
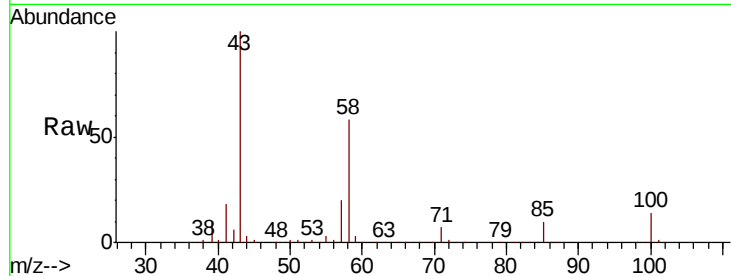
#59
2-Hexanone
Concen: 96.168 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX1018WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.9	28.1	84.3

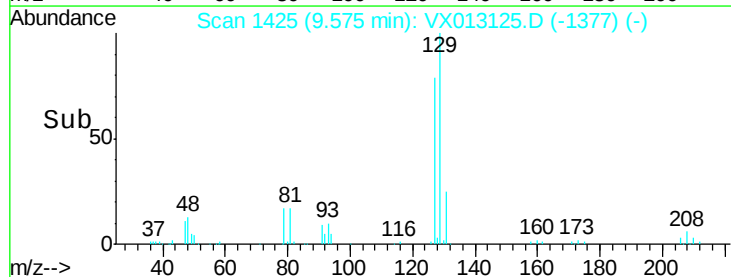
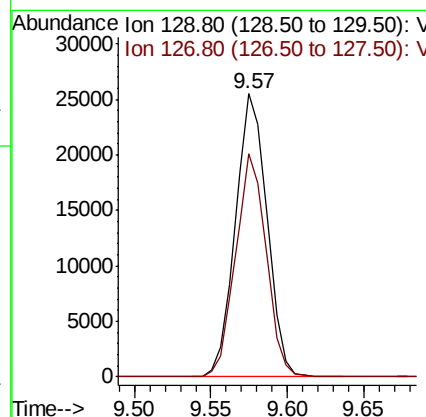
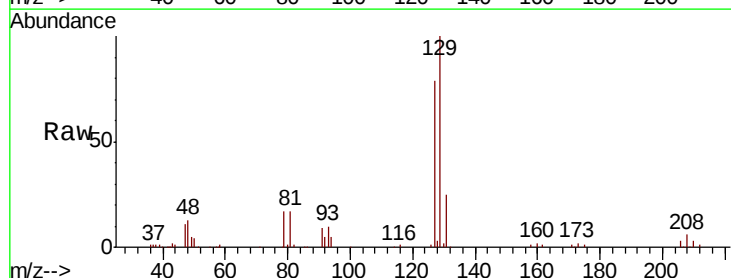
Manual Integrations
APPROVED

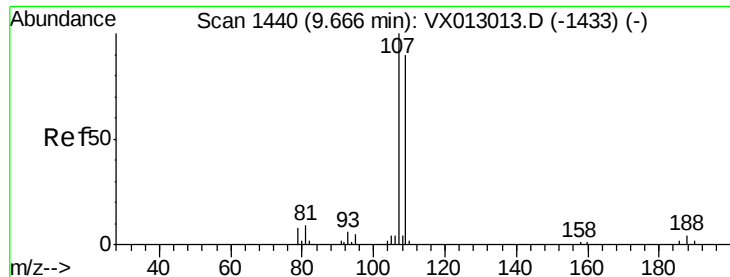
MMDadoda
10/21/2019 11:02:58 AM



#60
Dibromochloromethane
Concen: 21.056 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.1	38.9	116.7





#61

1,2-Dibromoethane

Concen: 22.172 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX1018WBS01

Tot Ion: 107 Resp: 38386

Ion Ratio Lower Upper

107 100

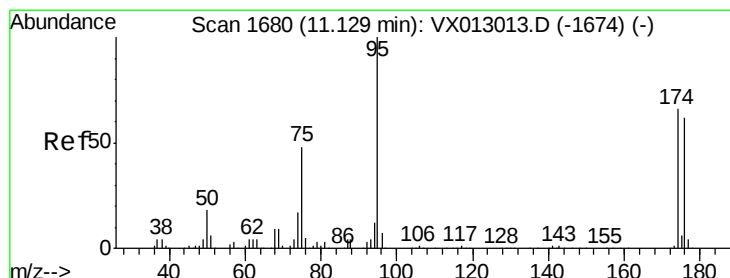
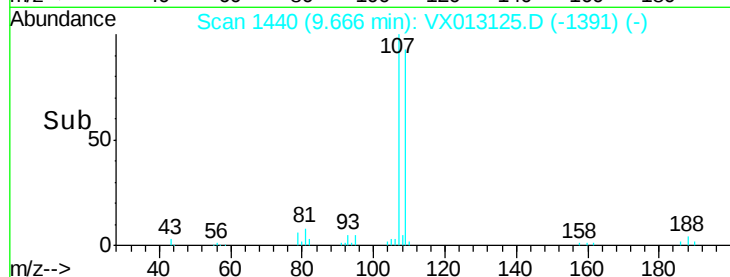
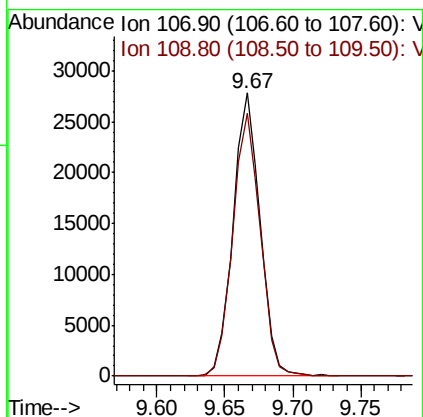
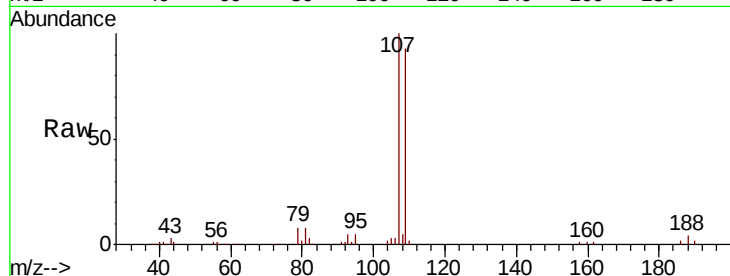
109 94.4 75.8 113.6

Manual Integrations

APPROVED

MMDadoda

10/21/2019 11:02:58 AM



#62

4-Bromofluorobenzene

Concen: 50.456 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

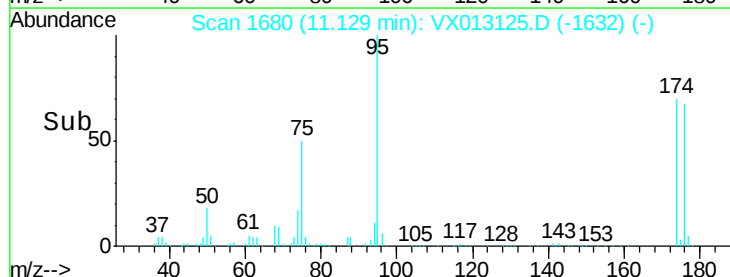
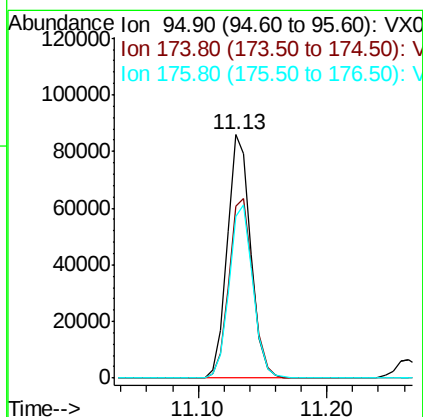
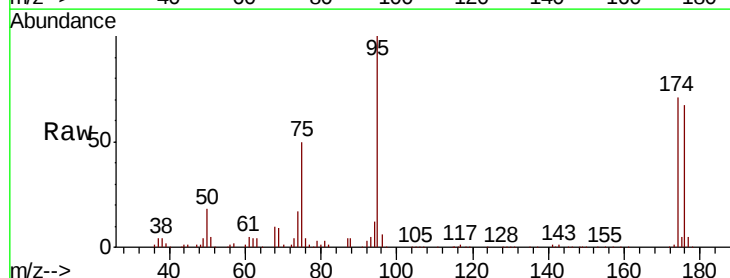
Tgt Ion: 95 Resp: 109862

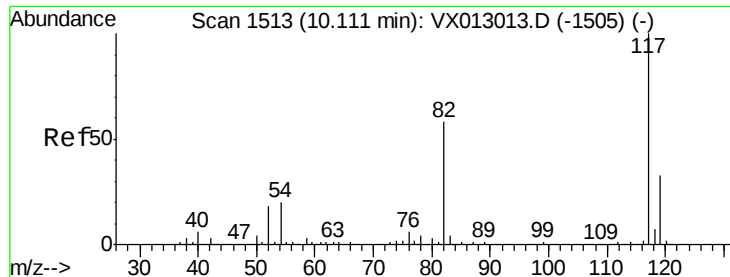
Ion Ratio Lower Upper

95 100

174 75.7 0.0 143.4

176 72.1 0.0 136.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX1018WBS01

Tot Ion:117 Resp: 224173

Ion Ratio Lower Upper

117 100

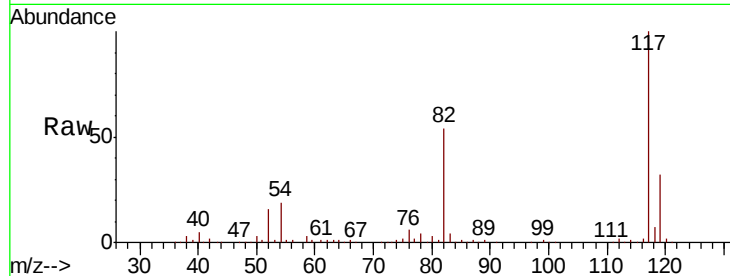
82 54.3 44.1 66.1

119 32.2 25.8 38.8

Manual Integrations
APPROVED

MMDadoda

10/21/2019 11:02:58 AM

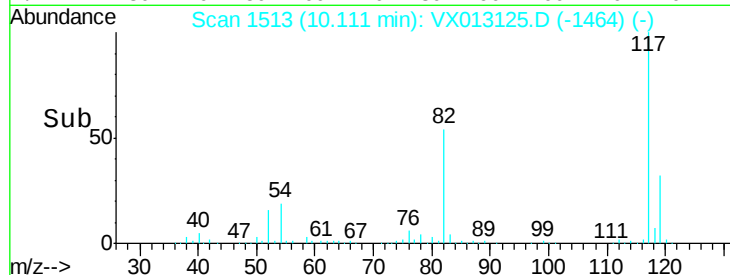


Abundance Ion 116.90 (116.60 to 117.60): V

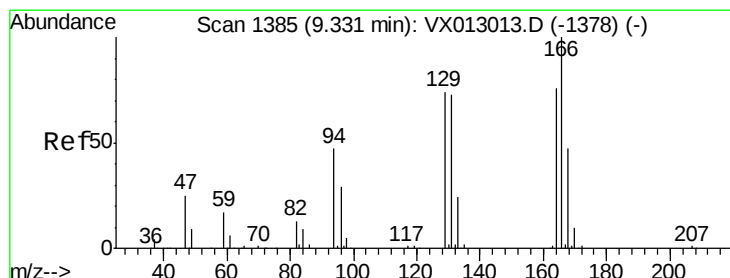
Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

Time-->



Time-->



#64

Tetrachloroethene

Concen: 24.758 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Tgt Ion:164 Resp: 38495

Ion Ratio Lower Upper

164 100

166 131.4 96.9 145.3

129 100.2 77.9 116.9

131 96.0 72.7 109.1

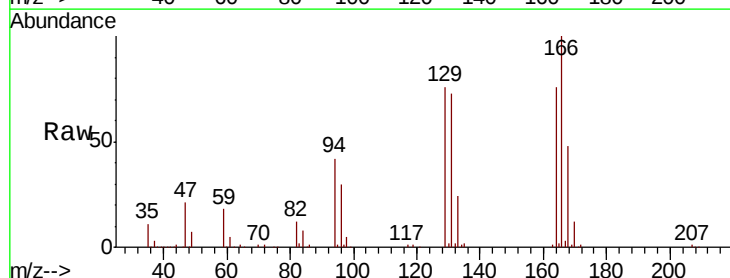
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

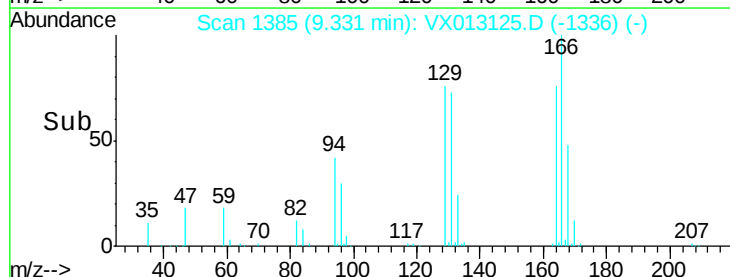
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

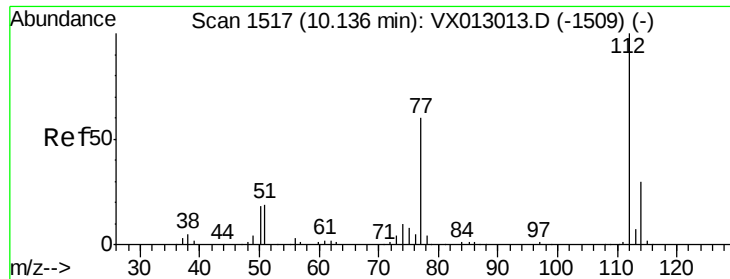
Time-->



Time-->



Time-->



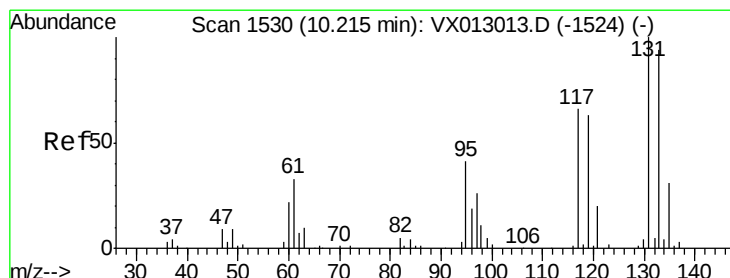
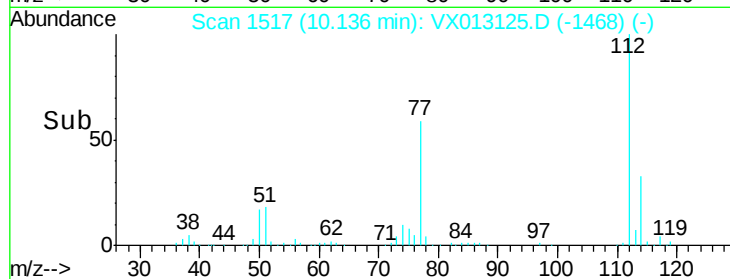
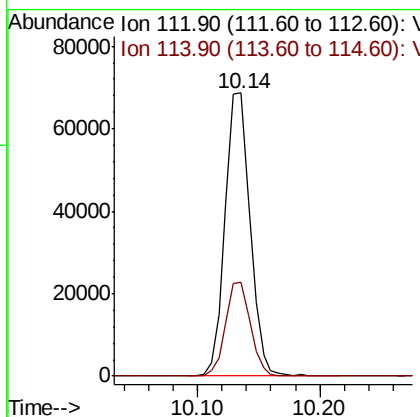
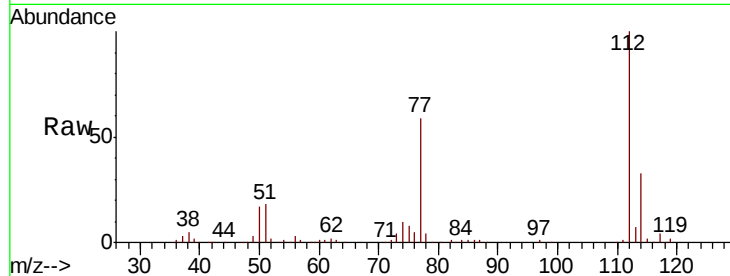
#65
Chlorobenzene
Concen: 21.873 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX1018WBS01

Tot Ion:112 Resp: 97373
Ion Ratio Lower Upper
112 100
114 33.4 25.7 38.5

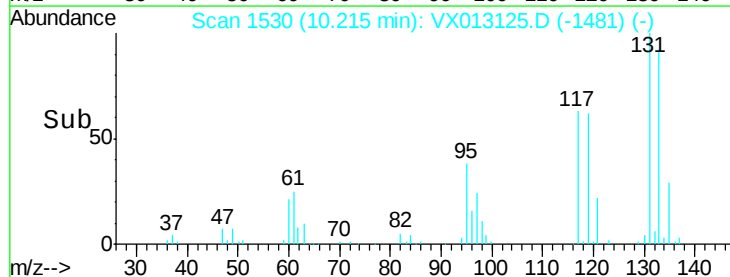
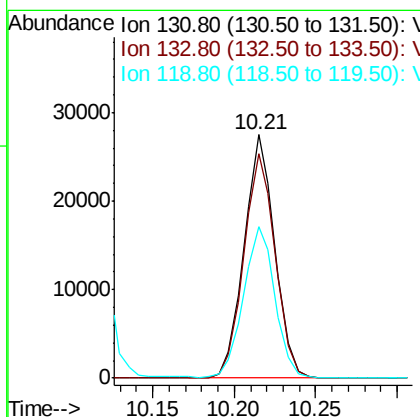
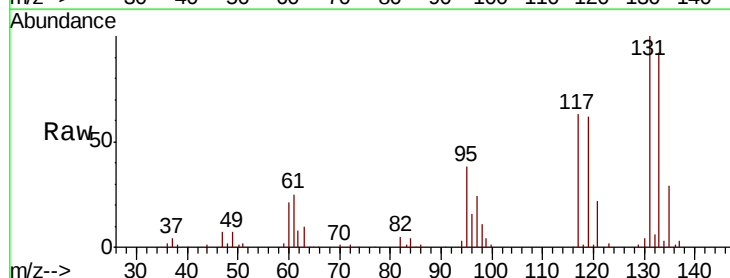
Manual Integrations
APPROVED

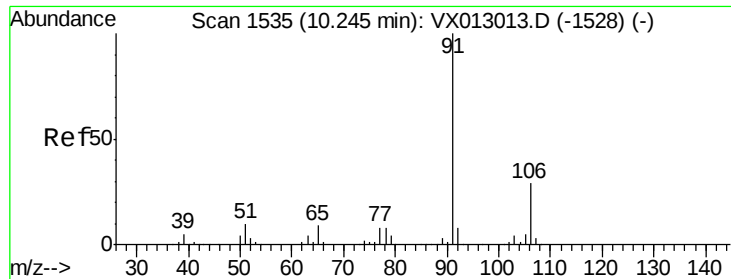
MMDadoda
10/21/2019 11:02:58 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 23.263 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Tgt Ion:131 Resp: 35907
Ion Ratio Lower Upper
131 100
133 94.4 47.2 141.6
119 64.1 32.6 98.0





#67

Ethyl Benzene

Concen: 22.317 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX1018WBS01

Tot Ion: 91 Resp: 176476

Ion Ratio Lower Upper

91 100

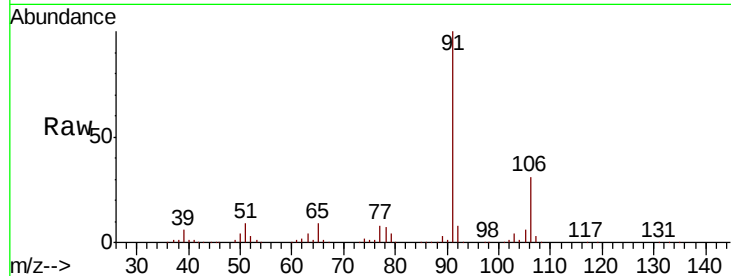
106 30.6 23.9 35.9

Manual Integrations

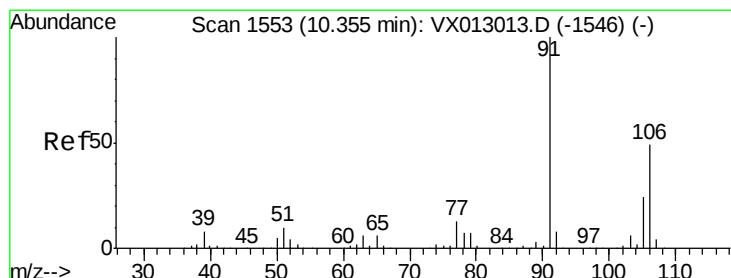
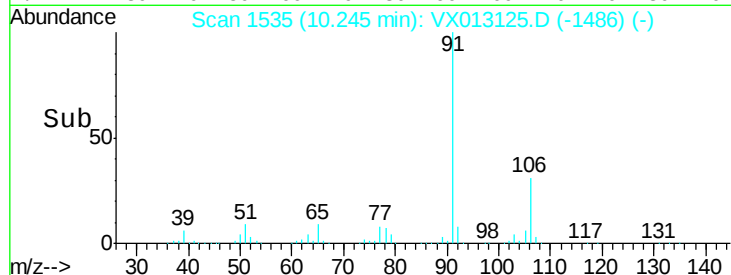
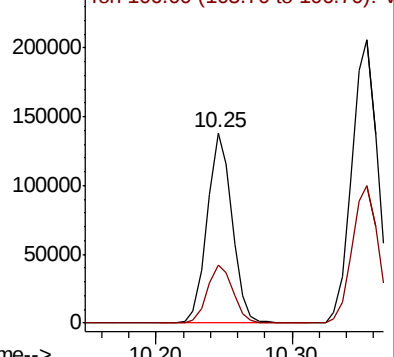
APPROVED

MMDadoda

10/21/2019 11:02:58 AM



Abundance Ion 91.00 (90.70 to 91.70): VX013013.D (-1528) (-)



#68

m/p-Xylenes

Concen: 45.437 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013125.D

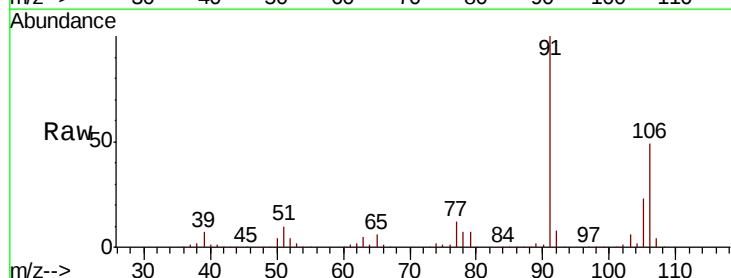
Acq: 18 Oct 2019 14:25

Tgt Ion: 106 Resp: 134227

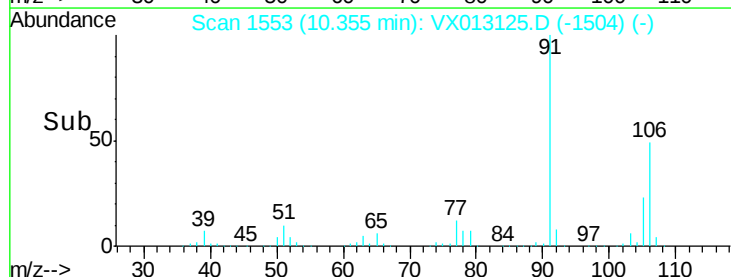
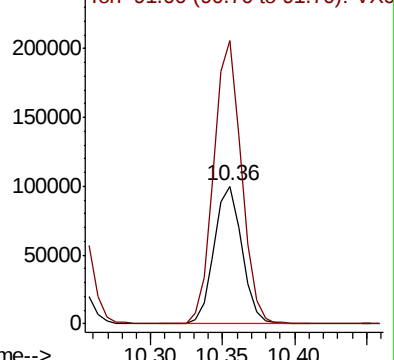
Ion Ratio Lower Upper

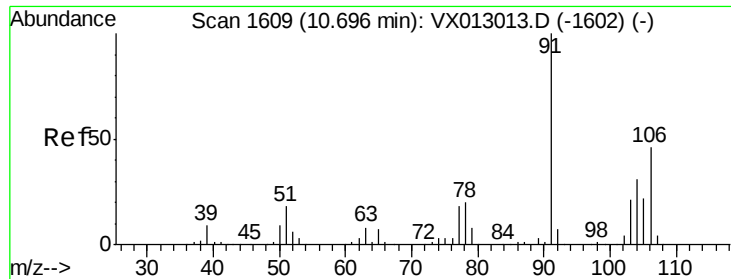
106 100

91 204.5 165.3 247.9



Abundance Ion 106.00 (105.70 to 106.70): VX013013.D (-1546) (-)





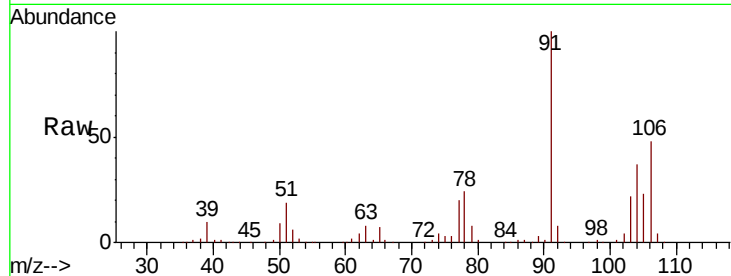
#69
o-Xylene
Concen: 22.464 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX1018WBS01

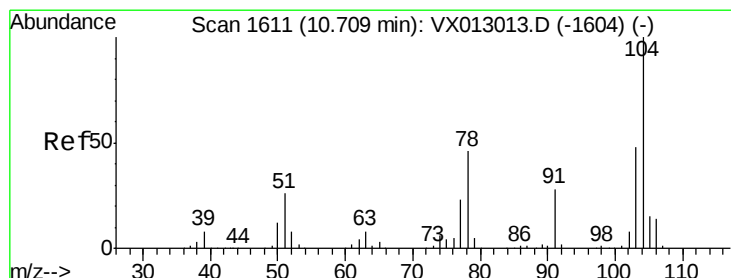
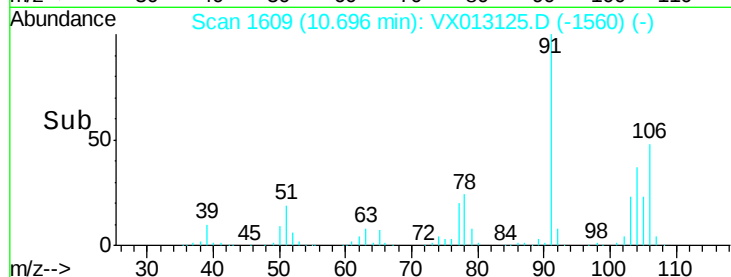
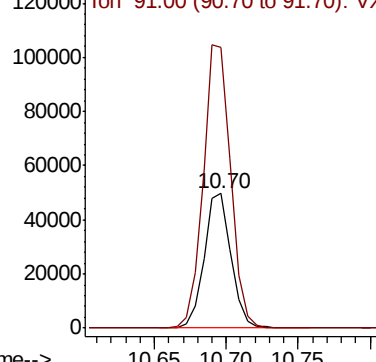
Tot Ion:106 Resp: 64714
Ion Ratio Lower Upper
106 100
91 215.6 109.1 327.3

Manual Integrations
APPROVED

MMDadoda
10/21/2019 11:02:58 AM

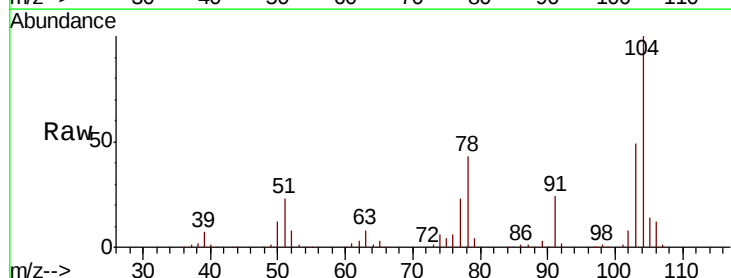


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

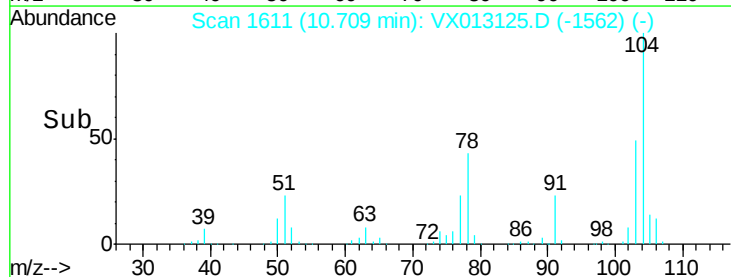
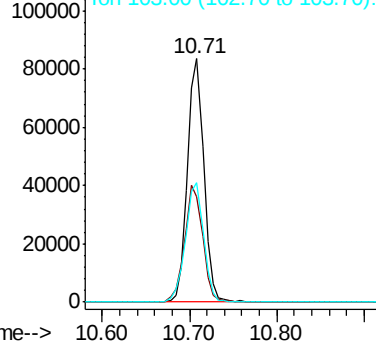


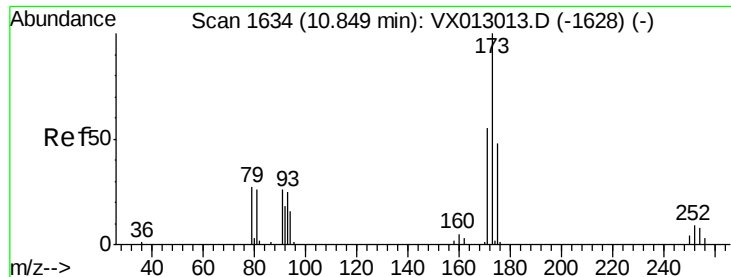
#70
Styrene
Concen: 22.126 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Tgt Ion:104 Resp: 108360
Ion Ratio Lower Upper
104 100
78 52.9 41.2 61.8
103 54.4 43.0 64.4



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





#71

Bromoform

Concen: 20.125 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX1018WBS01

Tot Ion:173 Resp: 23837

Ion Ratio Lower Upper

173 100

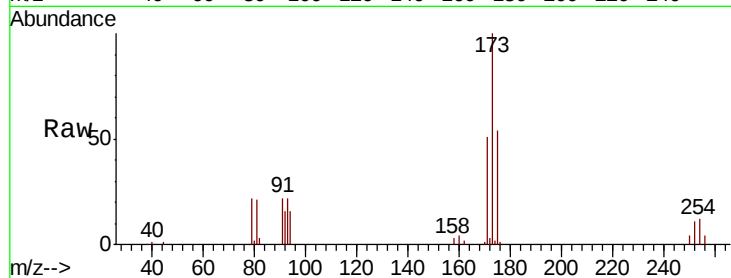
175 50.7 24.1 72.3

254 0.0 0.1 0.1#

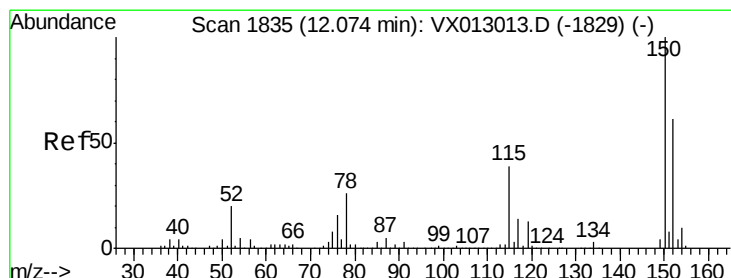
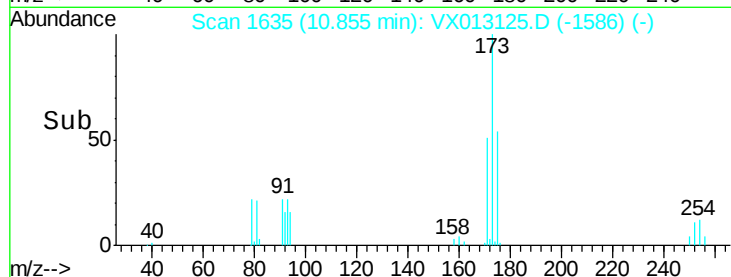
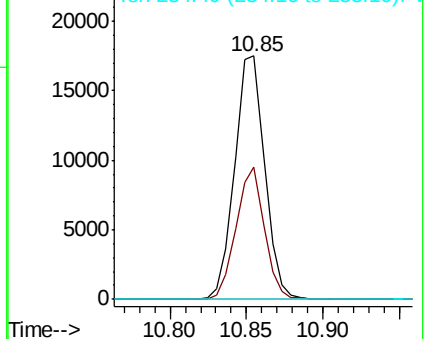
Manual Integrations
APPROVED

MMDadoda

10/21/2019 11:02:58 AM



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

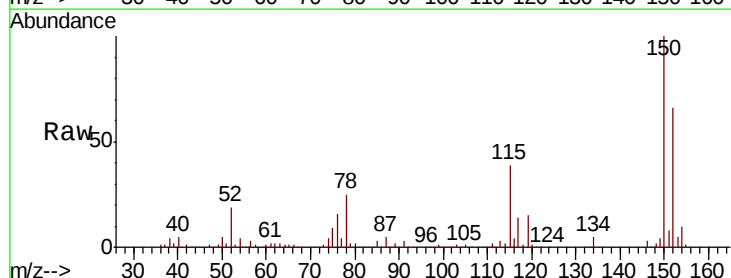
Tgt Ion:152 Resp: 109709

Ion Ratio Lower Upper

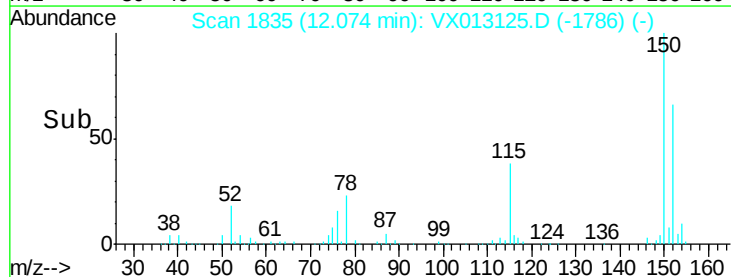
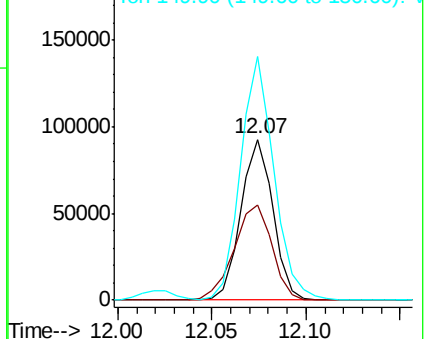
152 100

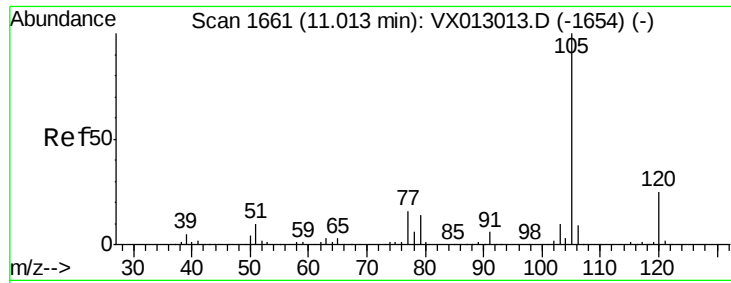
115 70.1 44.5 133.5

150 157.5 0.0 353.4



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





#73

Isopropylbenzene

Concen: 21.445 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX1018WBS01

Tot Ion: 105 Resp: 172972

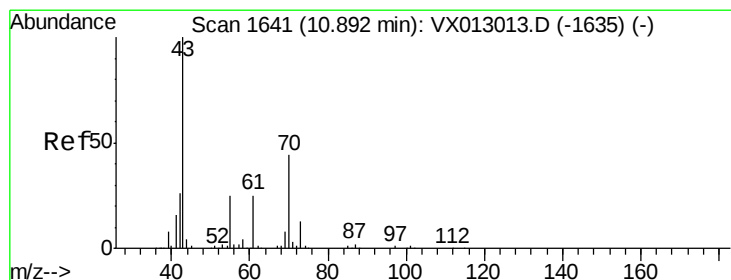
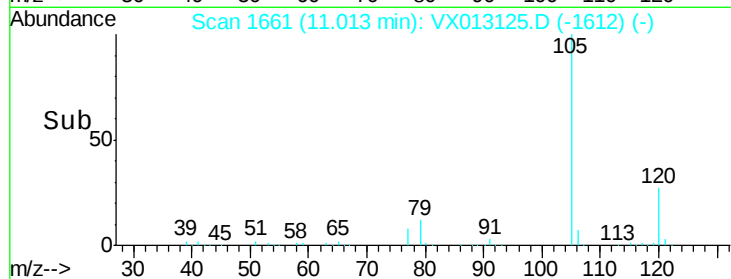
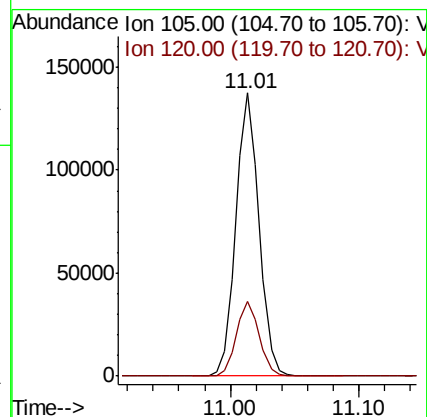
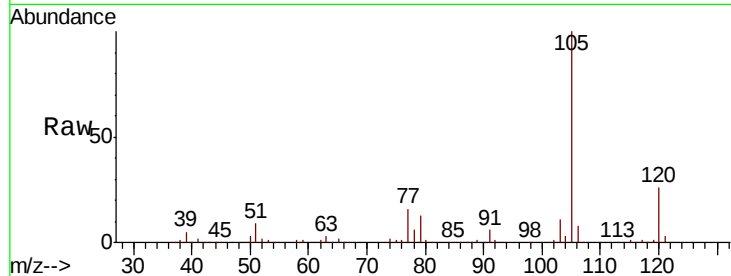
Ion Ratio Lower Upper

105 100

120 26.2 13.0 39.0

Manual Integrations
APPROVED

MMDadoda
10/21/2019 11:02:58 AM



#74

N-ethyl acetate

Concen: 18.980 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Tgt Ion: 43 Resp: 65934

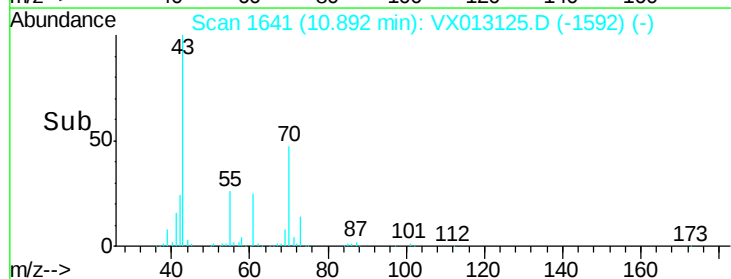
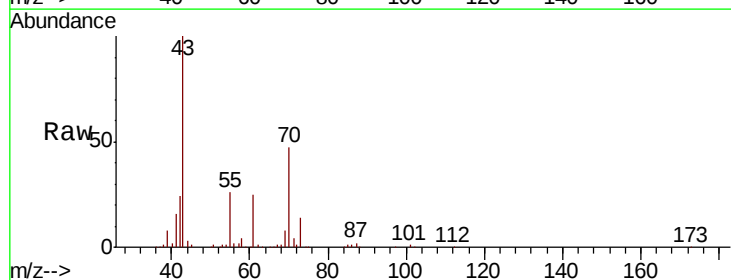
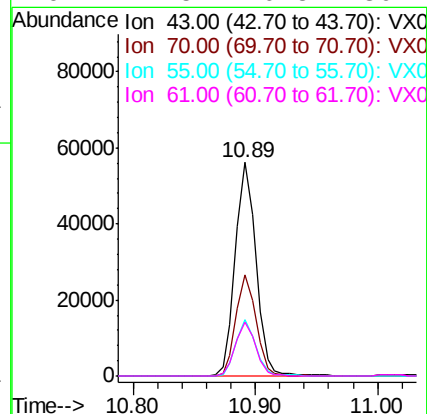
Ion Ratio Lower Upper

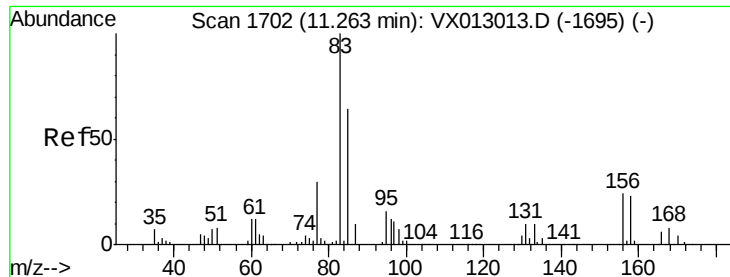
43 100

70 46.0 36.4 54.6

55 25.1 20.2 30.2

61 24.5 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 19.979 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Instrument :

MSVOA_X

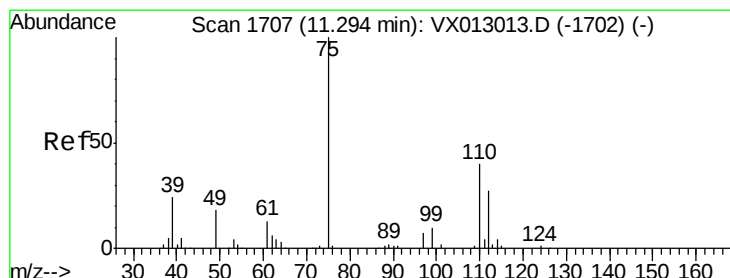
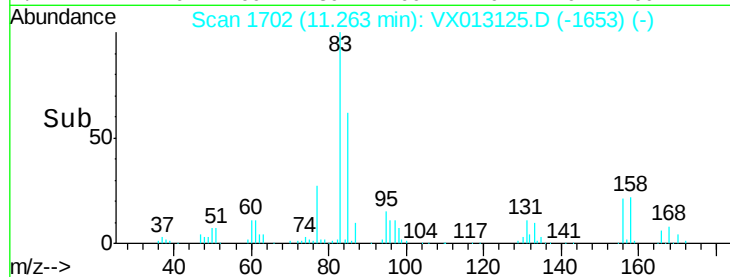
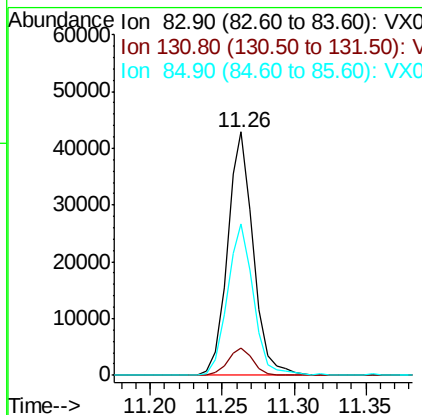
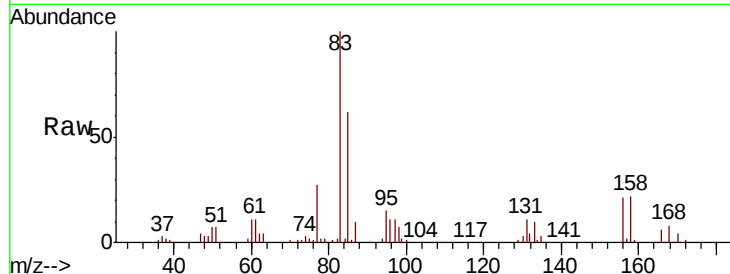
ClientSampleId :

VX1018WBS01

Tot Ion:	83	Resp:	53598
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.1	15.3
85	63.3	32.1	96.5

Manual Integrations
APPROVED

MMDadoda
10/21/2019 11:02:58 AM



#76

1,2,3-Trichloropropane

Concen: 18.760 ug/l m

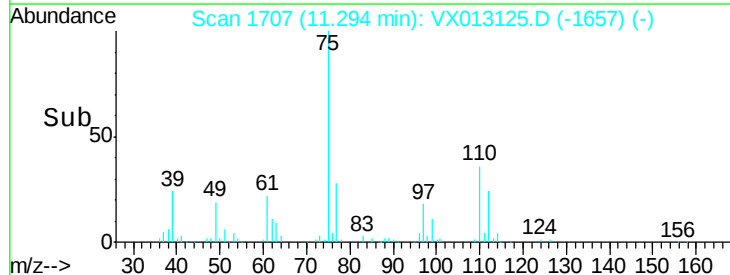
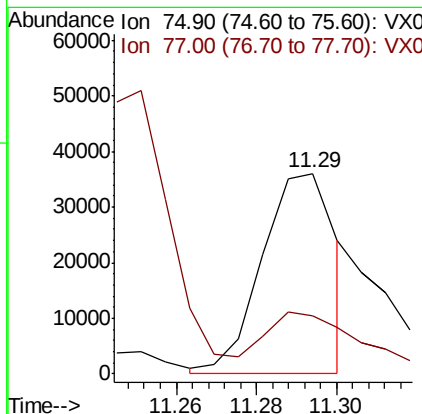
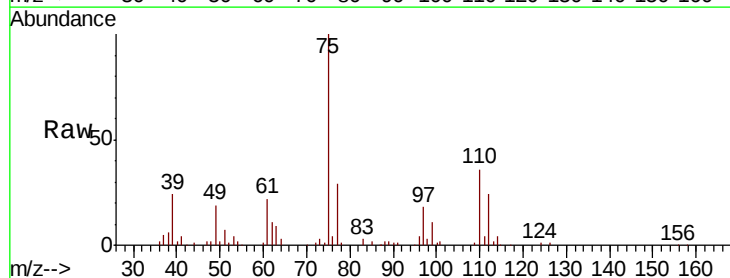
RT: 11.29 min Scan# 1707

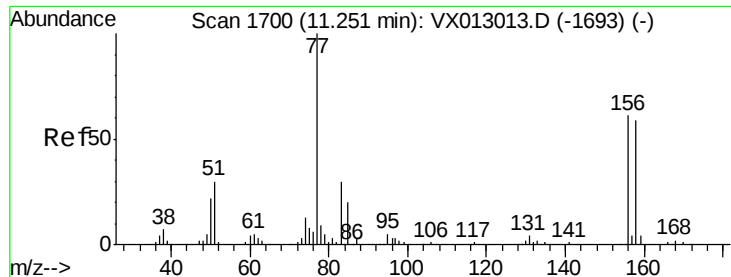
Delta R.T. 0.01 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Tgt Ion:	75	Resp:	45649
Ion Ratio	Lower	Upper	
75	100		
77	40.3	22.9	68.8





#77

Bromobenzene

Concen: 21.319 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Instrument :

MSVOA_X

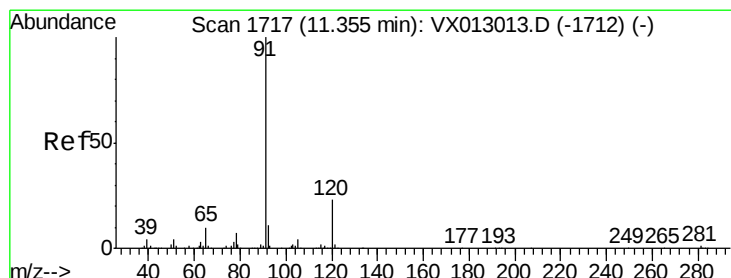
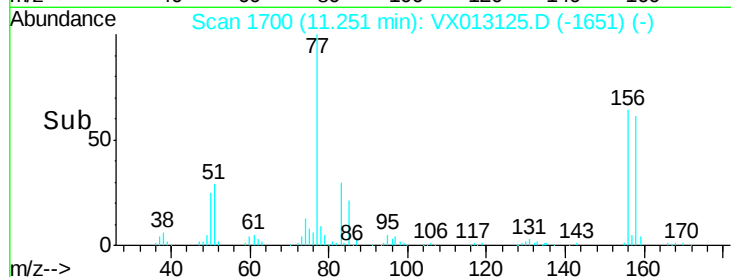
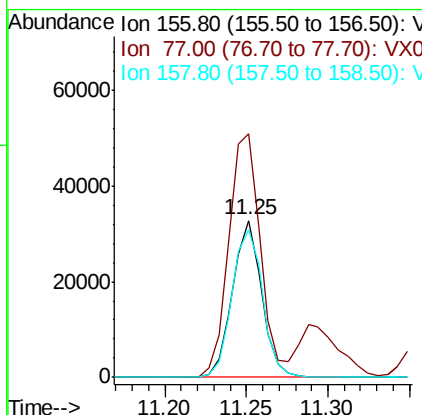
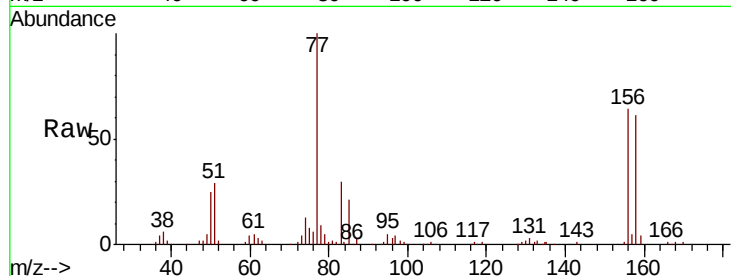
ClientSampleId :

VX1018WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	169.8	83.7	251.0
158	99.5	48.6	145.9

Manual Integrations
APPROVED

MMDadoda
10/21/2019 11:02:58 AM



#78

n-propylbenzene

Concen: 21.702 ug/l

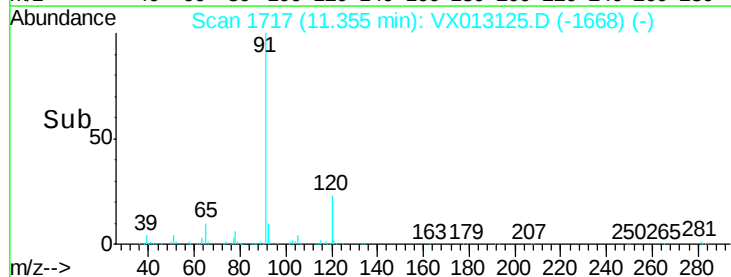
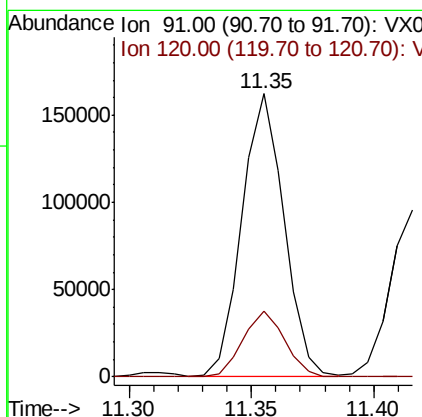
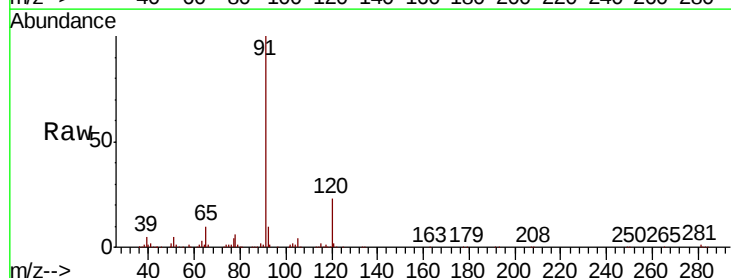
RT: 11.35 min Scan# 1717

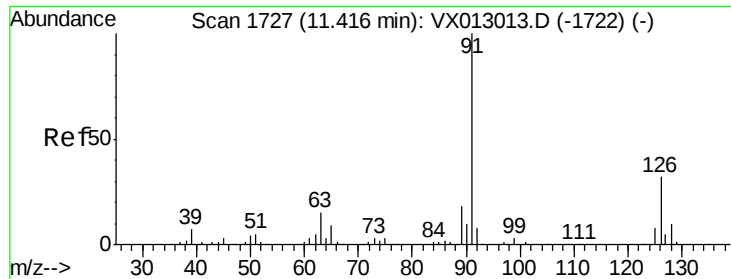
Delta R.T. 0.00 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.7	35.1





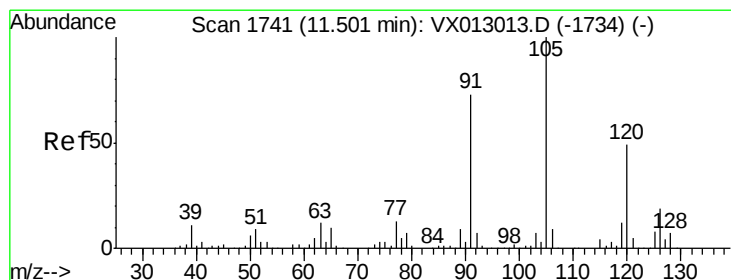
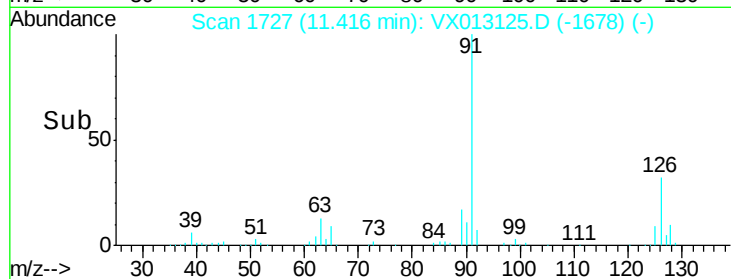
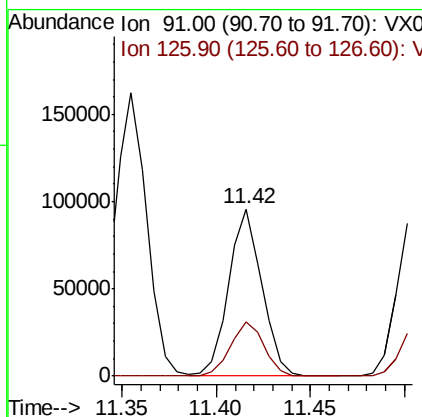
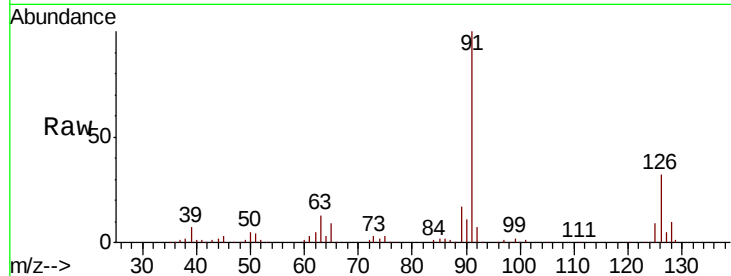
#79
 2-Chlorotoluene
 Concen: 20.744 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX013125.D
 Acq: 18 Oct 2019 14:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1018WBS01

Tot Ion: 91 Resp: 115710
 Ion Ratio Lower Upper
 91 100
 126 33.0 16.3 48.8

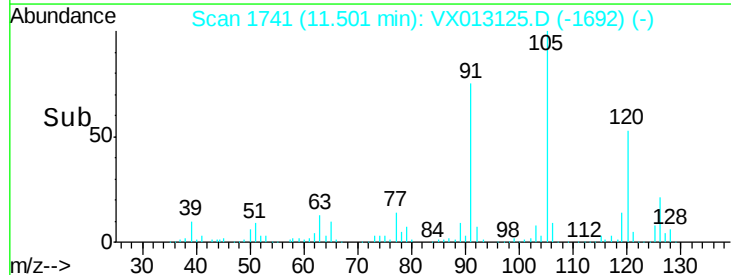
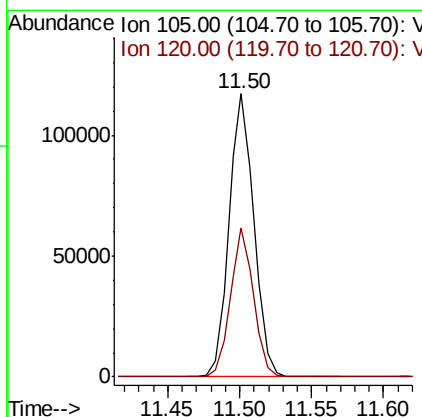
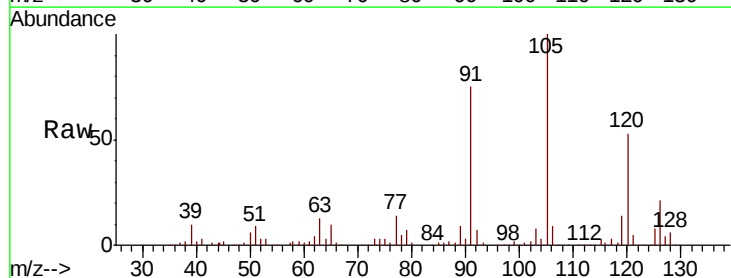
Manual Integrations
 APPROVED

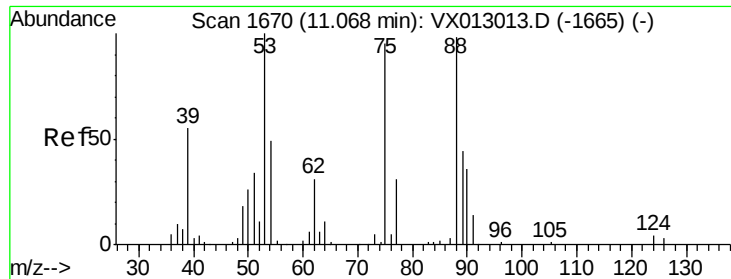
MMDadoda
 10/21/2019 11:02:58 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 21.128 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX013125.D
 Acq: 18 Oct 2019 14:25

Tgt Ion: 105 Resp: 142301
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.8 74.3





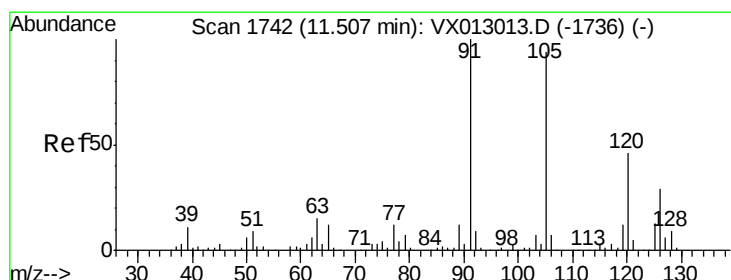
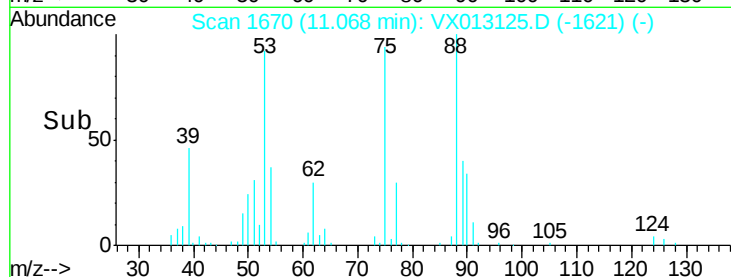
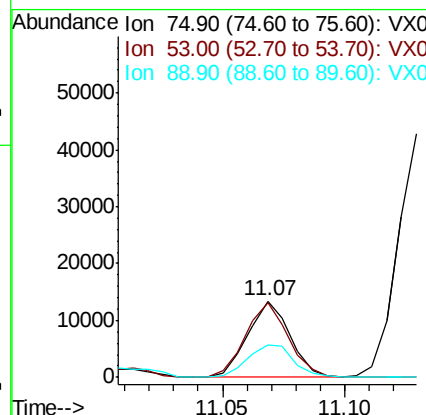
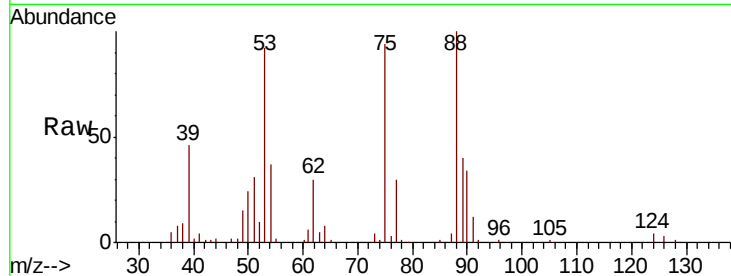
#81
trans-1,4-Dichloro-2-butene
Concen: 19.564 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX1018WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.4	78.5	117.7
89	46.9	37.4	56.2

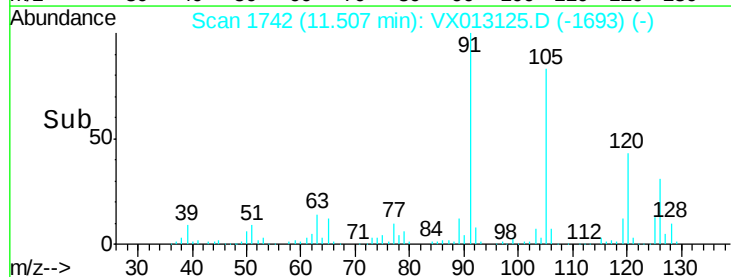
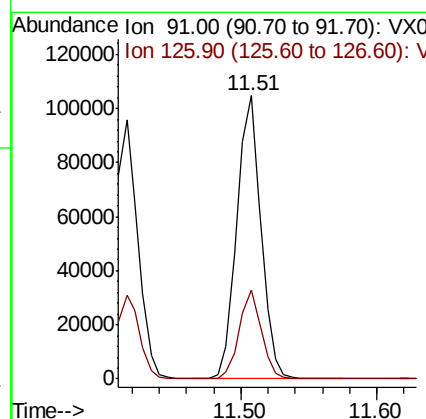
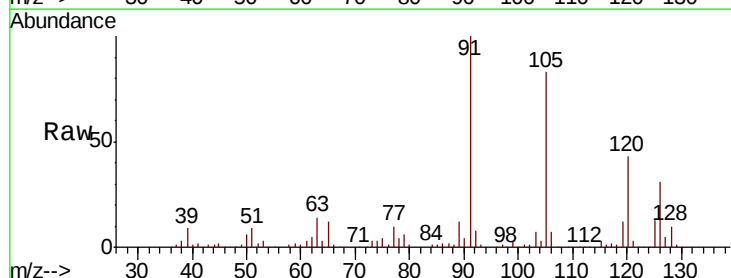
Manual Integrations
APPROVED

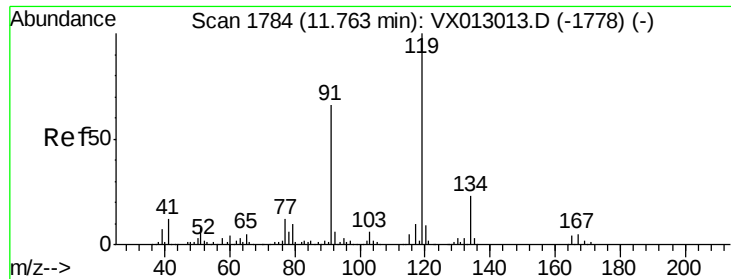
MMDadoda
10/21/2019 11:02:58 AM



#82
4-Chlorotoluene
Concen: 20.246 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.0	14.2	42.6





#83

tert-Butylbenzene

Concen: 21.532 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Instrument :

MSVOA_X

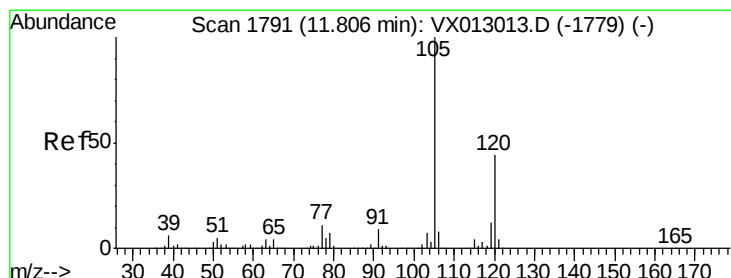
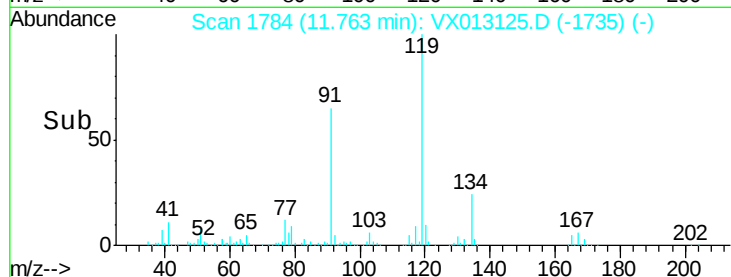
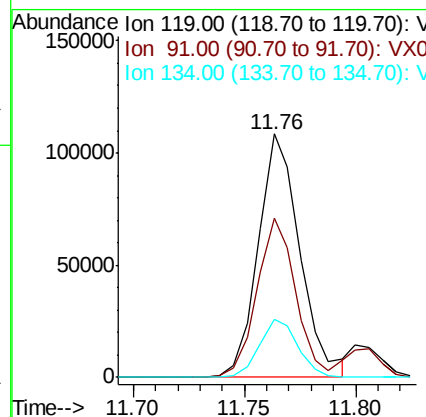
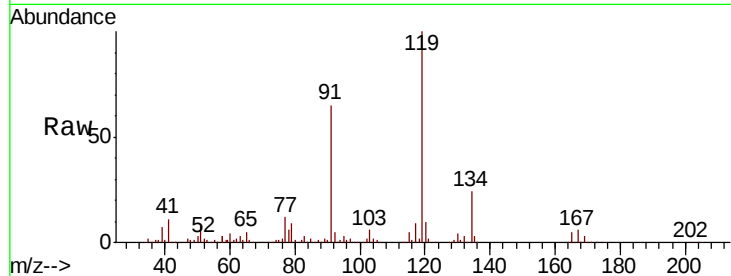
ClientSampled :

VX1018WBS01

Tot Ion:	119	Resp:	141467
Ion Ratio	Lower	Upper	
119	100		
91	60.6	29.3	87.9
134	22.1	11.5	34.4

Manual Integrations
APPROVED

MMDadoda
10/21/2019 11:02:58 AM



#84

1,2,4-Trimethylbenzene

Concen: 21.784 ug/l

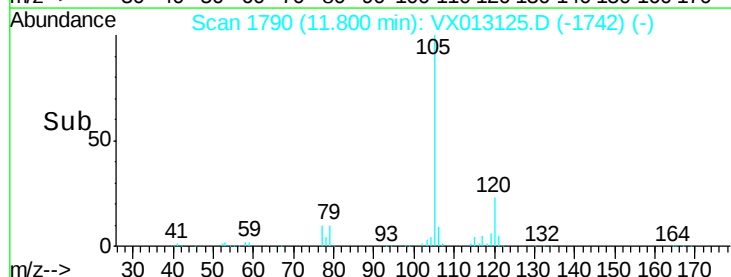
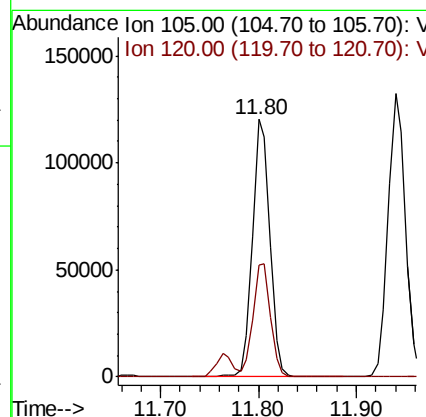
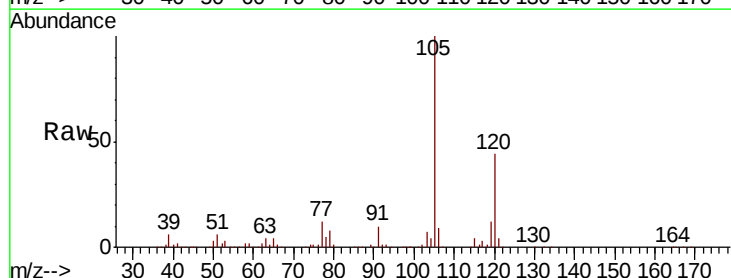
RT: 11.80 min Scan# 1790

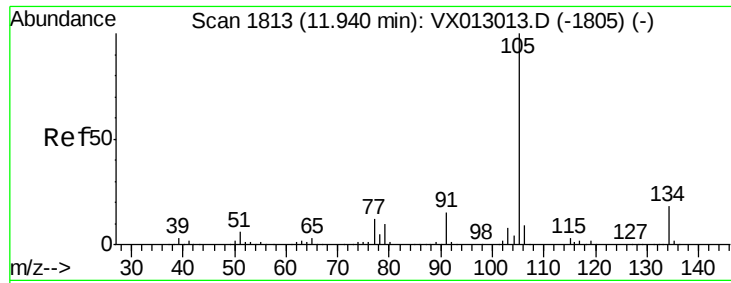
Delta R.T. -0.01 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Tgt Ion:	105	Resp:	148594
Ion Ratio	Lower	Upper	
105	100		
120	44.1	21.8	65.3





#85

sec-Butylbenzene

Concen: 21.456 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

VX1018WBS01

Tot Ion:105 Resp: 163315

Ion Ratio Lower Upper

105 100

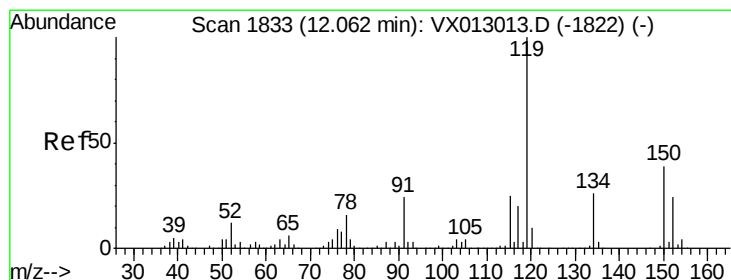
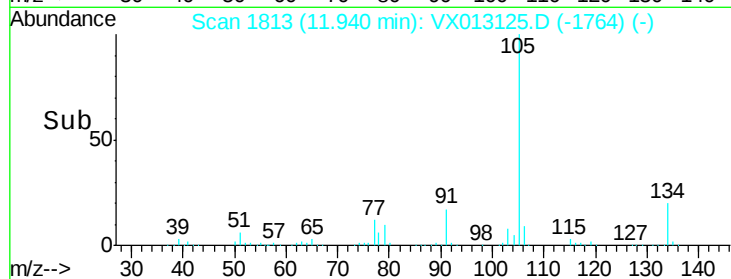
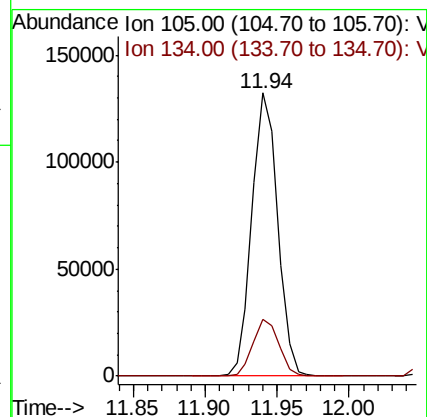
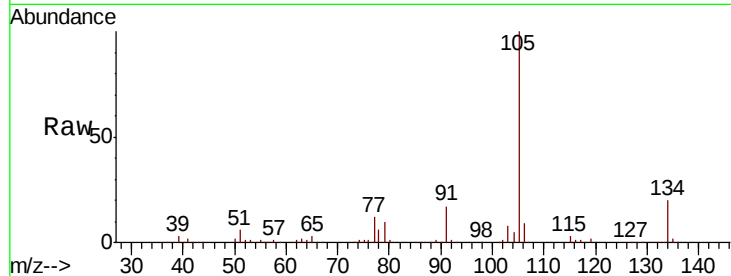
134 20.0 10.0 30.0

Manual Integrations

APPROVED

MMDadoda

10/21/2019 11:02:58 AM



#86

p-Isopropyltoluene

Concen: 21.510 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013125.D

Acq: 18 Oct 2019 14:25

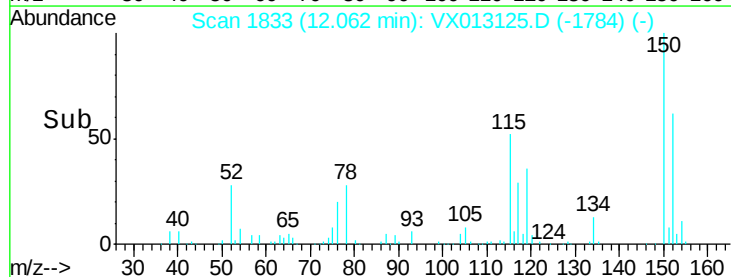
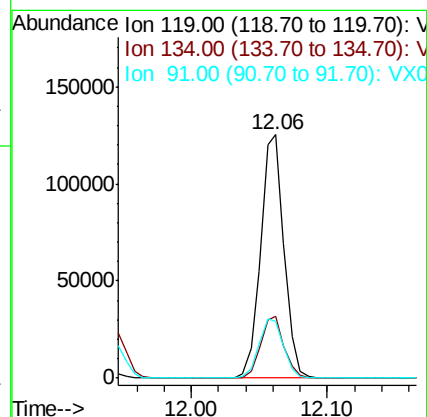
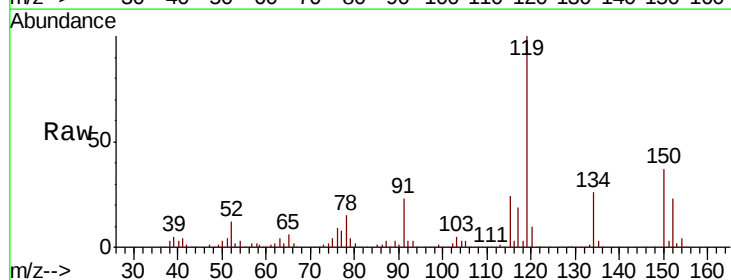
Tgt Ion:119 Resp: 151849

Ion Ratio Lower Upper

119 100

134 25.5 12.6 37.8

91 25.4 12.4 37.4





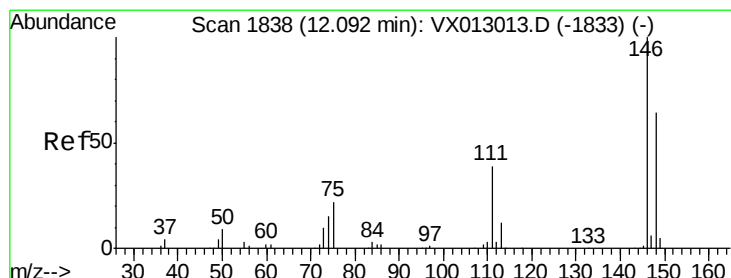
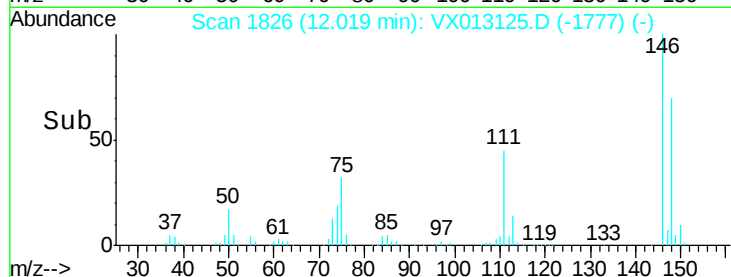
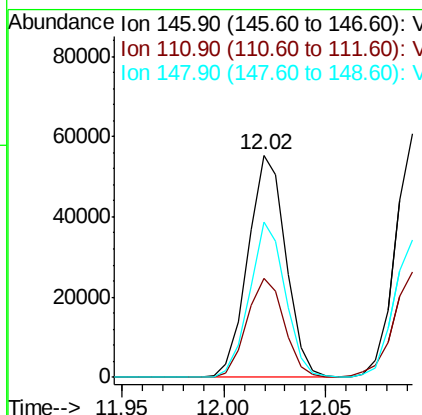
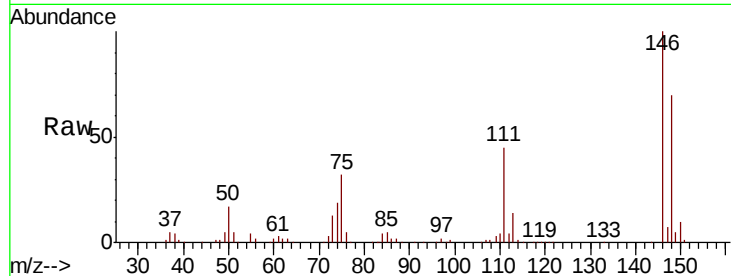
#87
1,3-Dichlorobenzene
Concen: 20.220 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX1018WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.3	21.1	63.4
148	66.0	31.6	95.0

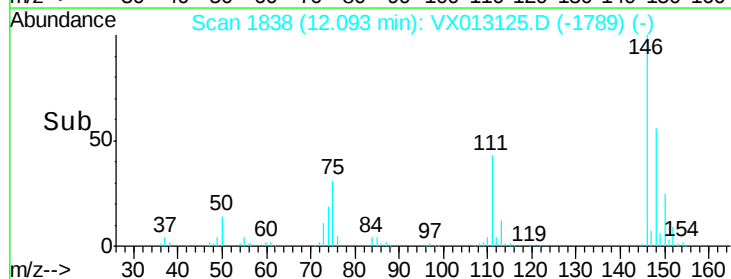
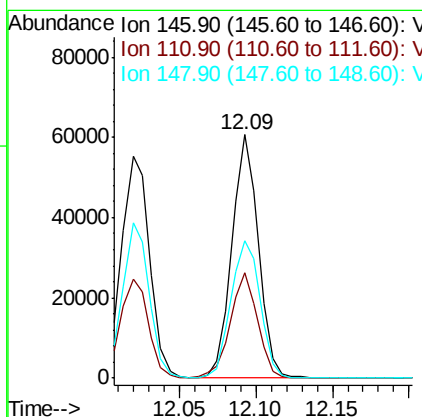
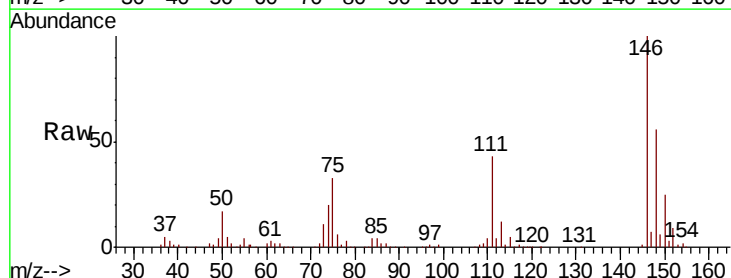
Manual Integrations
APPROVED

MMDadoda
10/21/2019 11:02:58 AM



#88
1,4-Dichlorobenzene
Concen: 20.330 ug/l
RT: 12.09 min Scan# 1838
Delta R.T. 0.00 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.6	21.4	64.3
148	62.4	32.1	96.5





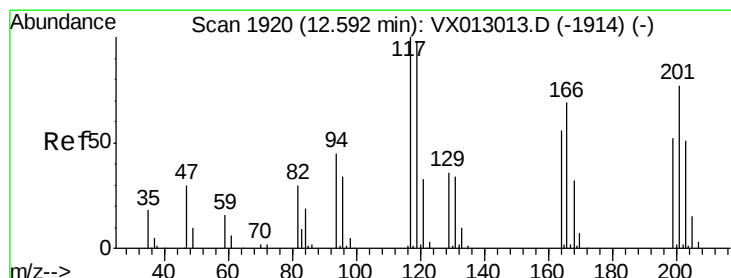
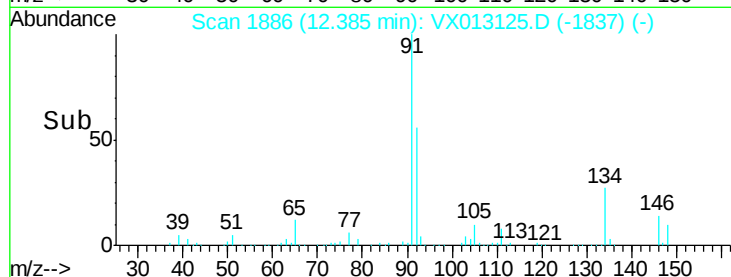
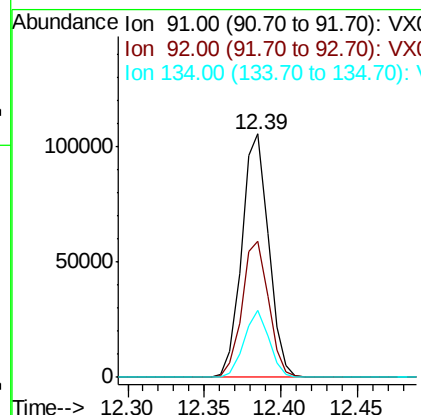
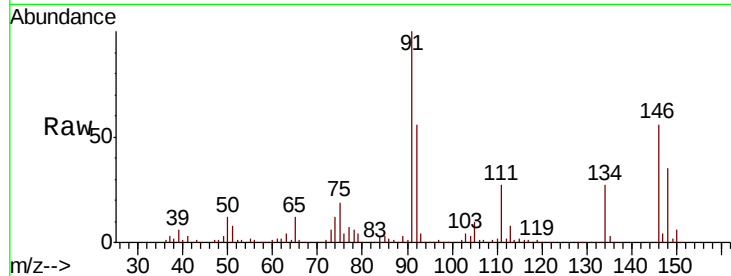
#89
n-Butylbenzene
Concen: 21.592 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX1018WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.4	27.5	82.5
134	25.6	12.9	38.7

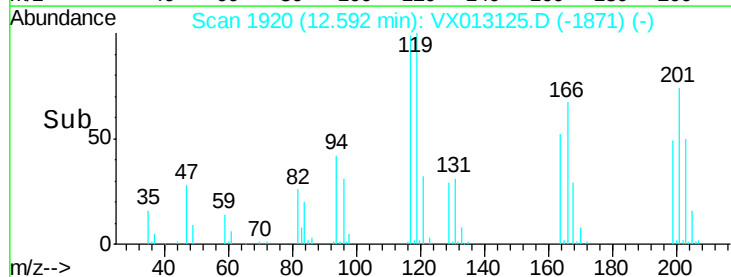
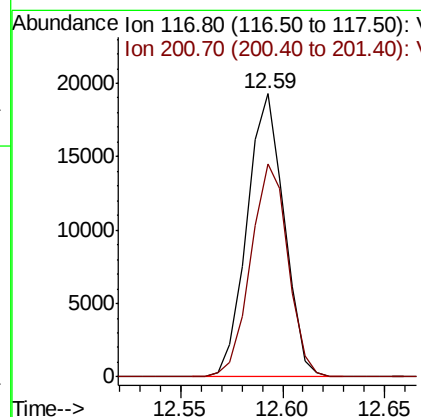
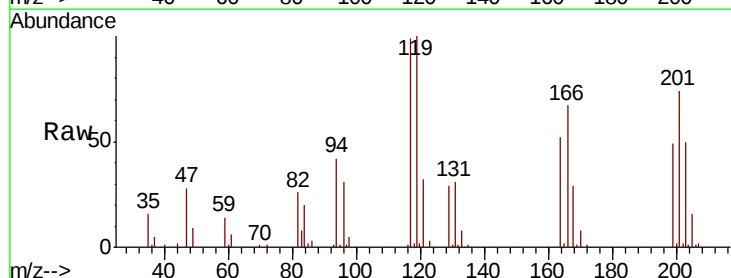
Manual Integrations
APPROVED

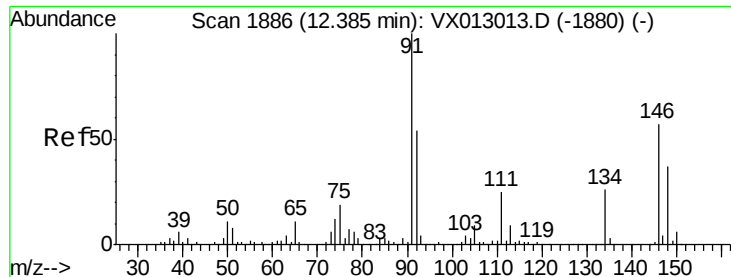
MMDadoda
10/21/2019 11:02:58 AM



#90
Hexachloroethane
Concen: 19.924 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.0	36.9	110.7





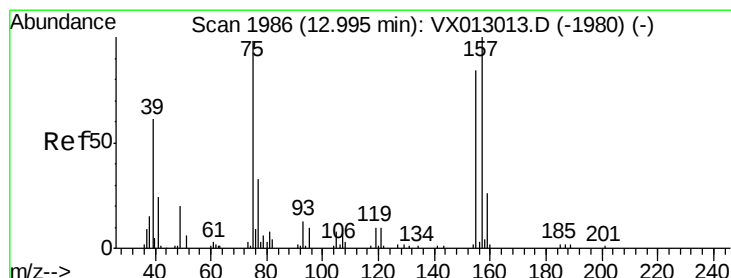
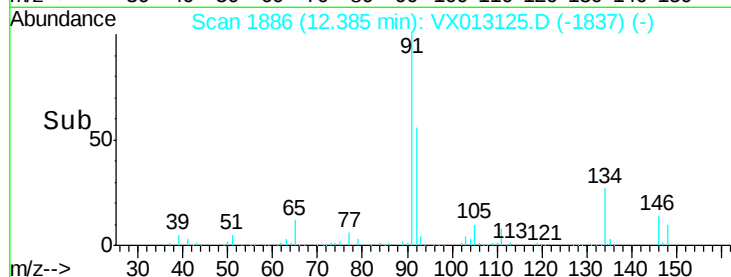
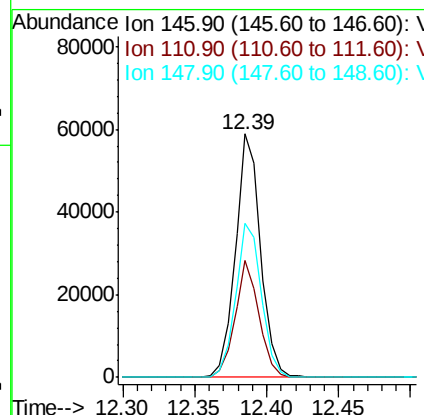
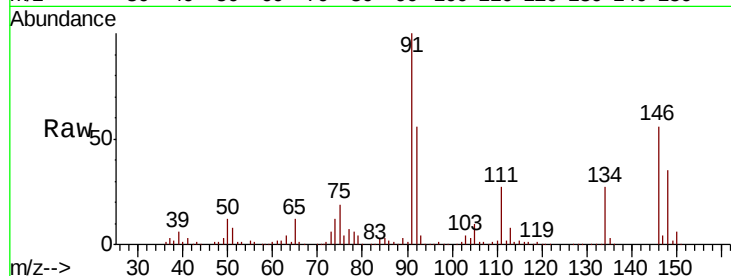
#91
 1,2-Dichlorobenzene
 Concen: 20.712 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013125.D
 Acq: 18 Oct 2019 14:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1018WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.6	22.7	68.0
148	65.1	31.6	94.7

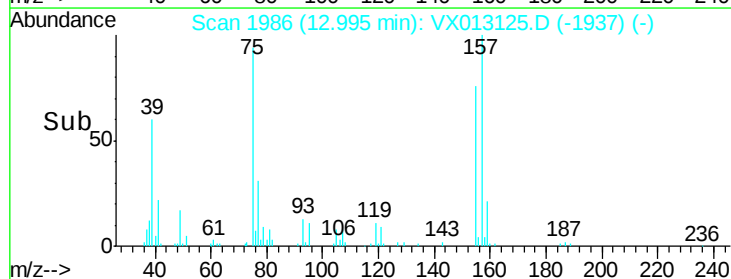
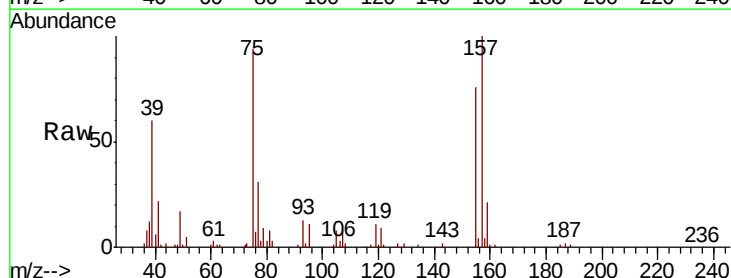
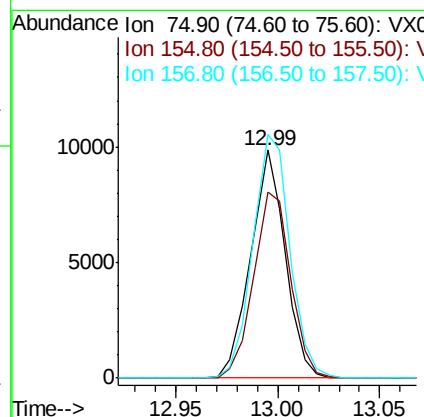
Manual Integrations
 APPROVED

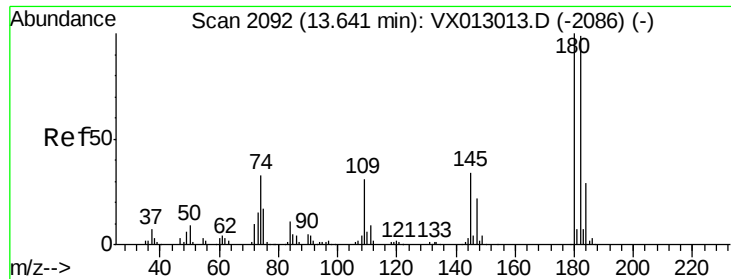
MMDadoda
 10/21/2019 11:02:58 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.413 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013125.D
 Acq: 18 Oct 2019 14:25

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.0	43.0	128.8
157	114.9	54.1	162.3





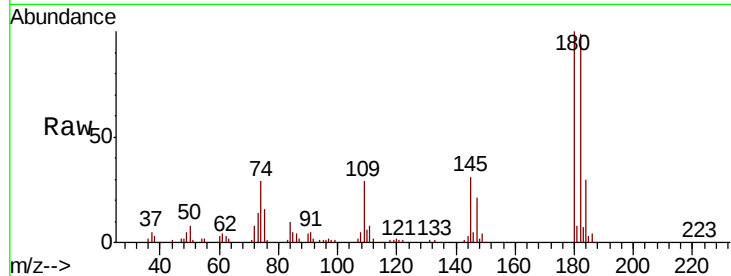
#93
 1,2,4-Trichlorobenzene
 Concen: 19.862 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013125.D
 Acq: 18 Oct 2019 14:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1018WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.7	46.8	140.4
145	32.1	16.2	48.6

Manual Integrations
 APPROVED

MMDadoda
 10/21/2019 11:02:58 AM

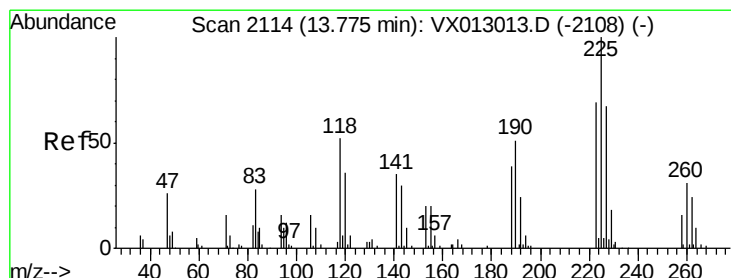
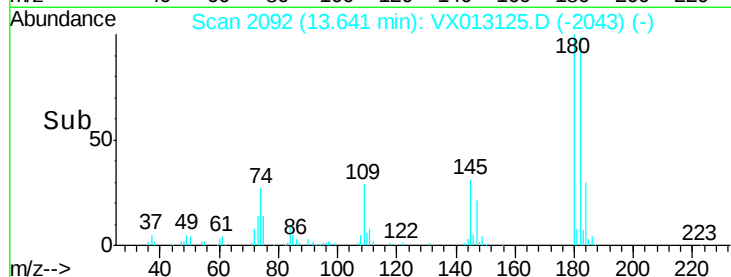
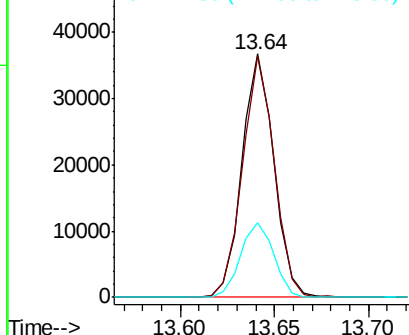


Abundance

Ion 179.80 (179.50 to 180.50): V

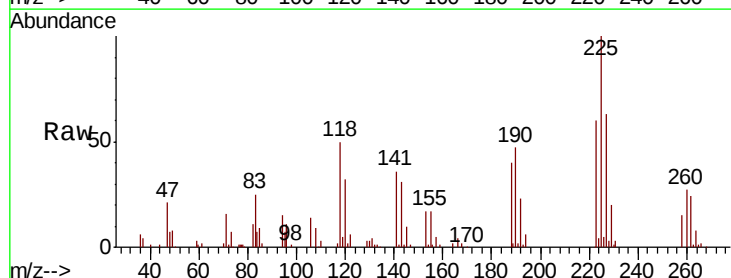
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 22.493 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX013125.D
 Acq: 18 Oct 2019 14:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	31.1	93.2
227	61.1	32.3	96.9

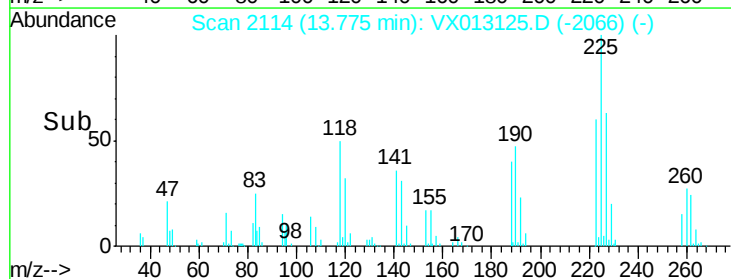
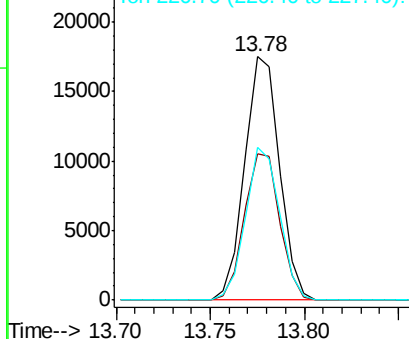


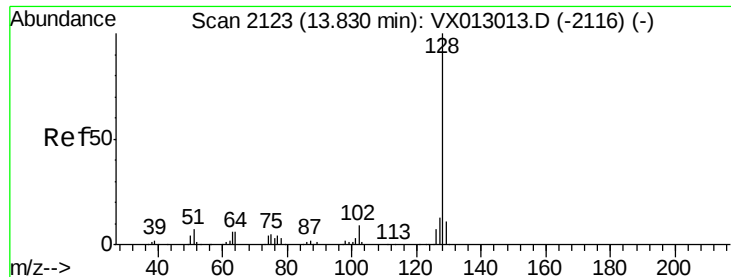
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





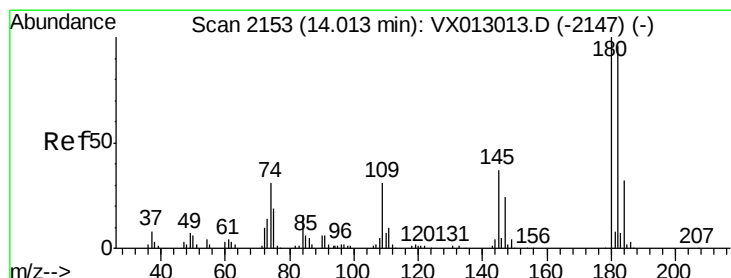
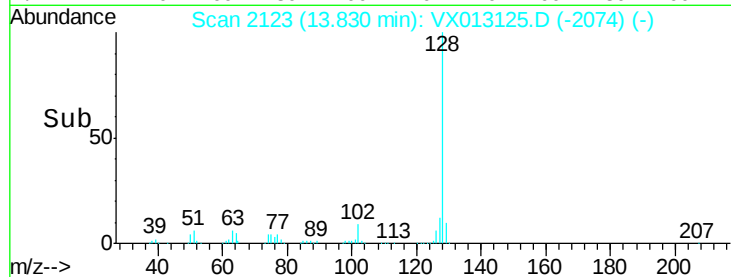
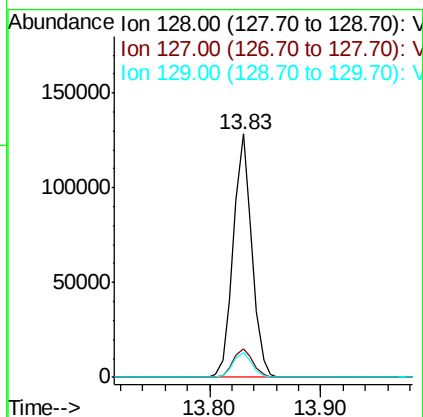
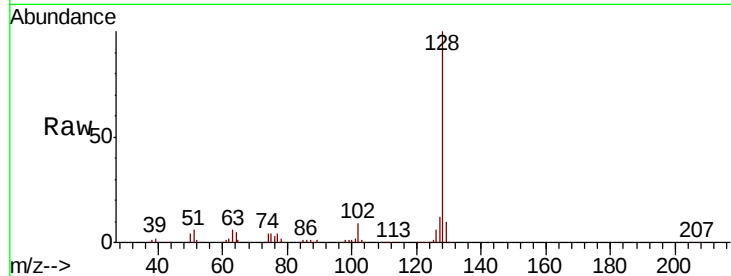
#95
Naphthalene
Concen: 19.633 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Instrument :
MSVOA_X
ClientSampleId :
VX1018WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.2	15.4
129	10.7	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
10/21/2019 11:02:58 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.610 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013125.D
Acq: 18 Oct 2019 14:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.5	142.5
145	36.2	17.4	52.3

