

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050720\
 Data File : VX016085.D
 Acq On : 07 May 2020 11:01
 Operator : JC/SP
 Sample : VX0507WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/8/2020 11:51:22 AM

Quant Time: May 08 03:45:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	316354	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	492334	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	452387	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	225714	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	192559	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	
35) Dibromofluoromethane	5.46	113	149395	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	
50) Toluene-d8	8.70	98	596567	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
62) 4-Bromofluorobenzene	11.12	95	223365	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	63795	19.052	ug/l	99
3) Chloromethane	1.31	50	72907	18.748	ug/l	98
4) Vinyl Chloride	1.39	62	75482	18.193	ug/l	100
5) Bromomethane	1.63	94	48759	23.311	ug/l	96
6) Chloroethane	1.71	64	46330	18.353	ug/l	99
7) Trichlorofluoromethane	1.92	101	100760	18.499	ug/l	96
8) Diethyl Ether	2.17	74	39607	17.258	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	59341	18.883	ug/l	98
10) Methyl Iodide	2.49	142	70657	16.739	ug/l	100
11) Tert butyl alcohol	3.01	59	90842	86.295	ug/l	99
12) 1,1-Dichloroethene	2.36	96	59842	18.197	ug/l	99
13) Acrolein	2.27	56	47958	72.803	ug/l	99
14) Allyl chloride	2.71	41	109872	18.222	ug/l	98
15) Acrylonitrile	3.11	53	192749	88.263	ug/l	99
16) Acetone	2.42	43	160412	86.362	ug/l	99
17) Carbon Disulfide	2.55	76	179519	18.046	ug/l	100
18) Methyl Acetate	2.75	43	83778	18.344	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	210576	18.575	ug/l	99
20) Methylene Chloride	2.83	84	67691	17.678	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	64894	17.708	ug/l	97
22) Diisopropyl ether	3.82	45	210905	18.541	ug/l	92
23) Vinyl Acetate	3.78	43	915959	91.524	ug/l	100
24) 1,1-Dichloroethane	3.67	63	119254	18.741	ug/l	99
25) 2-Butanone	4.63	43	262985	87.864	ug/l	100
26) 2,2-Dichloropropane	4.55	77	107615	18.518	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	73862	18.436	ug/l	99
28) Bromochloromethane	4.98	49	50237	17.314	ug/l	99
29) Tetrahydrofuran	5.09	42	176667	89.080	ug/l	100
30) Chloroform	5.18	83	116350	18.364	ug/l	97
31) Cyclohexane	5.54	56	109482	18.931	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	106549	18.501	ug/l	99
36) 1,1-Dichloropropene	5.77	75	91235	18.826	ug/l	99
37) Ethyl Acetate	4.79	43	102644	18.274	ug/l	100
38) Carbon Tetrachloride	5.75	117	93860	19.054	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050720\
 Data File : VX016085.D
 Acq On : 07 May 2020 11:01
 Operator : JC/SP
 Sample : VX0507WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0507WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/8/2020 11:51:22 AM

Quant Time: May 08 03:45:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	112015	19.193	ug/l	99
40) Benzene	6.11	78	268565	18.940	ug/l	99
41) Methacrylonitrile	5.01	41	55995	18.459	ug/l	99
42) 1,2-Dichloroethane	6.16	62	95418	18.680	ug/l	100
43) Isopropyl Acetate	6.41	43	165398	18.455	ug/l	100
44) Trichloroethene	7.19	130	96904	19.236	ug/l	97
45) 1,2-Dichloropropane	7.49	63	70293	19.591	ug/l	98
46) Dibromomethane	7.64	93	45885	18.818	ug/l	100
47) Bromodichloromethane	7.87	83	93671	18.862	ug/l	100
48) Methyl methacrylate	7.74	41	76951	18.120	ug/l	99
49) 1,4-Dioxane	7.71	88	36542	358.782	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	509288	92.862	ug/l	100
52) Toluene	8.76	92	170147	19.250	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	109798	18.544	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	116095	18.772	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	66446	19.108	ug/l	98
56) Ethyl methacrylate	9.16	69	106587	18.777	ug/l	99
57) 1,3-Dichloropropane	9.35	76	116395	19.182	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	262458	86.851	ug/l	99
59) 2-Hexanone	9.47	43	391582	90.918	ug/l	99
60) Dibromochloromethane	9.57	129	72668	18.974	ug/l	99
61) 1,2-Dibromoethane	9.65	107	70775	18.790	ug/l	98
64) Tetrachloroethene	9.32	164	110946	19.977	ug/l	99
65) Chlorobenzene	10.12	112	179294	18.928	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	67172	19.186	ug/l	100
67) Ethyl Benzene	10.23	91	323119	19.118	ug/l	99
68) m/p-Xylenes	10.34	106	244854	38.668	ug/l	100
69) o-Xylene	10.68	106	117252	19.263	ug/l	99
70) Styrene	10.70	104	196271	19.007	ug/l	100
71) Bromoform	10.84	173	52513	18.410	ug/l #	96
73) Isopropylbenzene	11.00	105	312578	19.040	ug/l	99
74) N-amyl acetate	10.88	43	138005	18.022	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	48943	17.562	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	95185m	18.584	ug/l	
77) Bromobenzene	11.24	156	78058	18.421	ug/l	99
78) n-propylbenzene	11.34	91	363097	19.011	ug/l	100
79) 2-Chlorotoluene	11.40	91	211966	18.802	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	267262	19.281	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	39121	18.202	ug/l	98
82) 4-Chlorotoluene	11.49	91	253182	19.018	ug/l	100
83) tert-Butylbenzene	11.76	119	224309	18.777	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	267535	19.091	ug/l	100
85) sec-Butylbenzene	11.93	105	308092	19.102	ug/l	99
86) p-Isopropyltoluene	12.05	119	285438	19.061	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	141480	18.595	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	141990	18.386	ug/l	98
89) n-Butylbenzene	12.37	91	252667	18.469	ug/l	100
90) Hexachloroethane	12.58	117	48554	18.879	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	137575	18.778	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	22341	16.550	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050720\
Data File : VX016085.D
Acq On : 07 May 2020 11:01
Operator : JC/SP
Sample : VX0507WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBS01

Manual Integrations
APPROVED

MMDadoda
5/8/2020 11:51:22 AM

Quant Time: May 08 03:45:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	99322	18.311	ug/l	98
94) Hexachlorobutadiene	13.77	225	47441	20.623	ug/l	98
95) Naphthalene	13.82	128	317431	18.073	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	99072	18.689	ug/l	99

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



#1

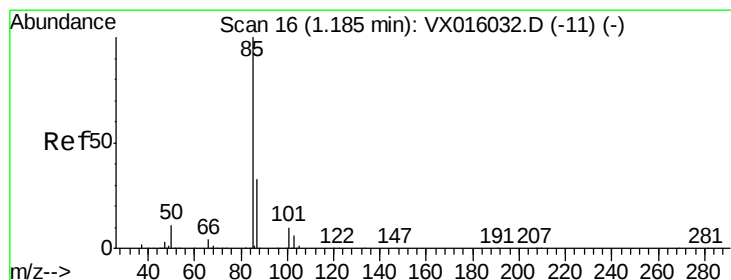
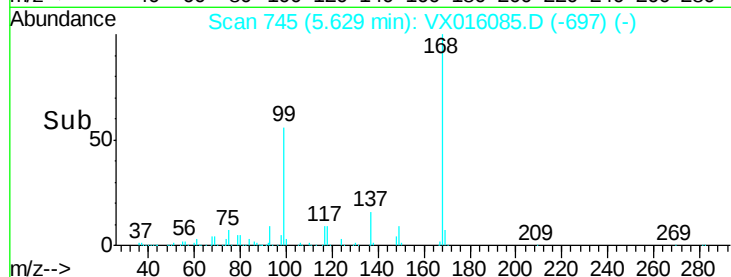
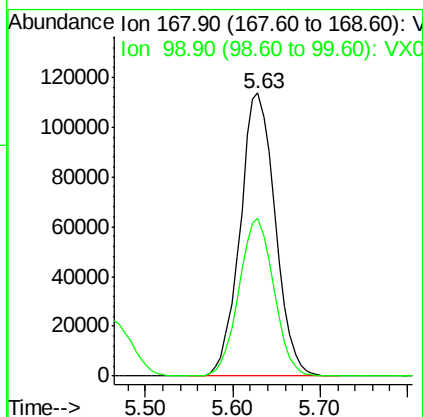
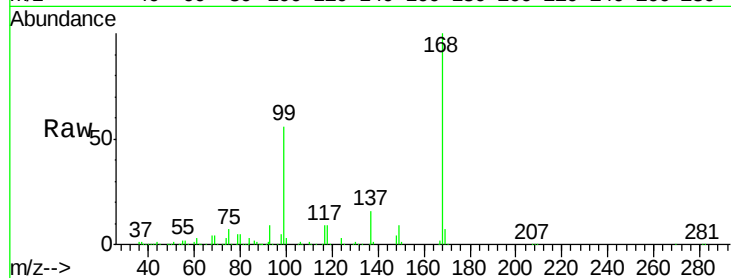
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: VX016085.D
 Acq: 07 May 2020 11:01

Instrument :
 MSVOA_X
 ClientSampled :
 VX0507WBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	56.0	45.0	67.4

Manual Integrations
 APPROVED

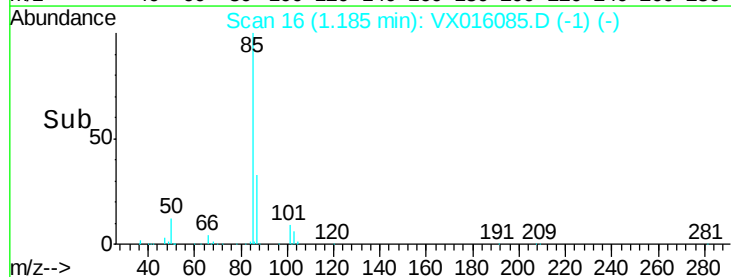
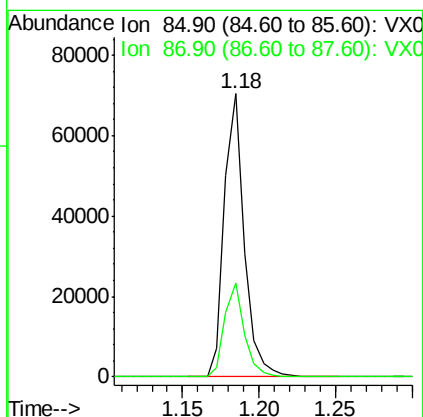
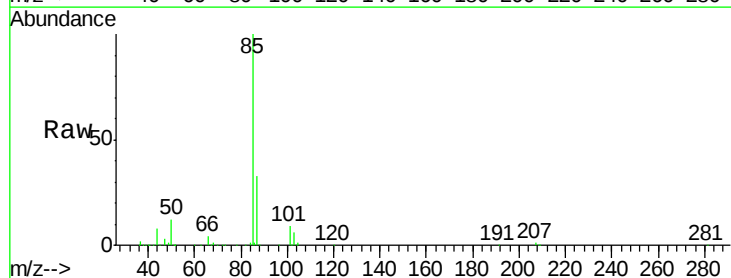
MMDadoda
 5/8/2020 11:51:22 AM

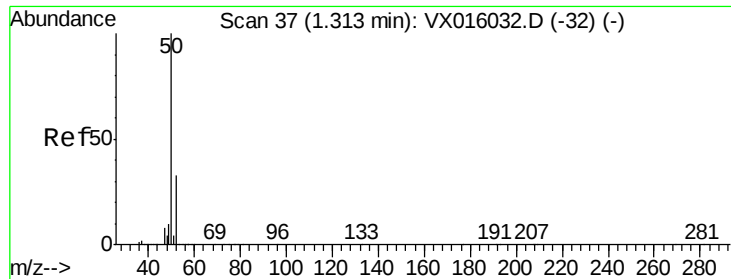


#2

Dichlorodifluoromethane
 Concen: 19.052 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. -0.00 min
 Lab File: VX016085.D
 Acq: 07 May 2020 11:01

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.4	16.4	49.1





#3

Chloromethane

Concen: 18.748 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS01

Tot Ion: 50 Resp: 72907

Ion Ratio Lower Upper

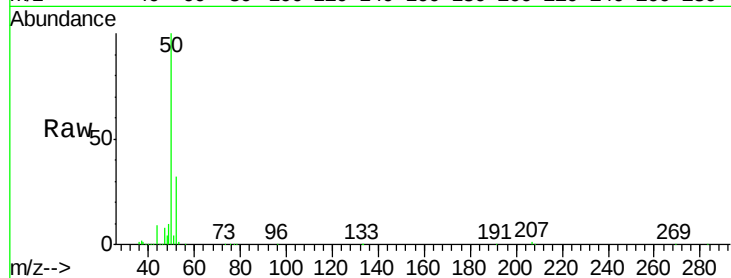
50 100

52 31.6 26.1 39.1

Manual Integrations
APPROVED

MMDadoda

5/8/2020 11:51:22 AM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

80000

60000

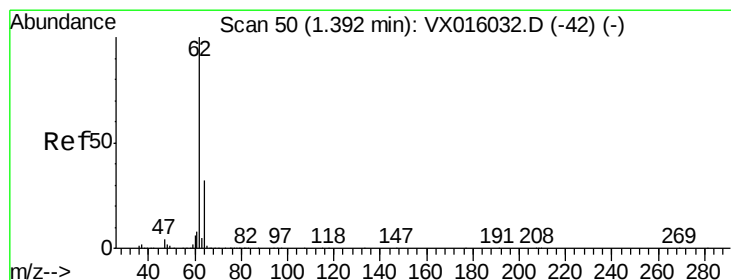
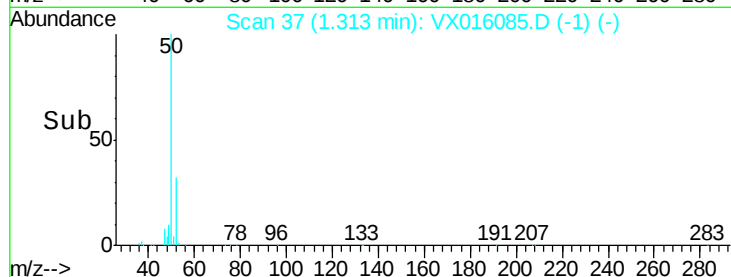
40000

20000

0

Time-->

1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 18.193 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016085.D

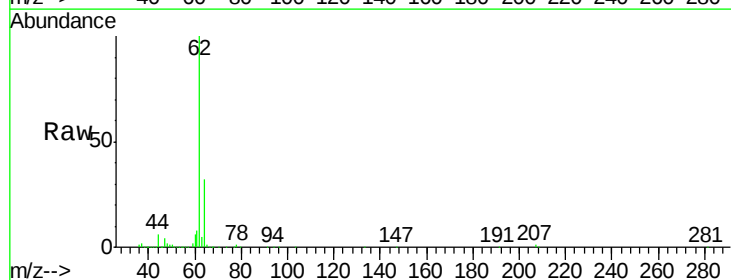
Acq: 07 May 2020 11:01

Tgt Ion: 62 Resp: 75482

Ion Ratio Lower Upper

62 100

64 32.1 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

80000

60000

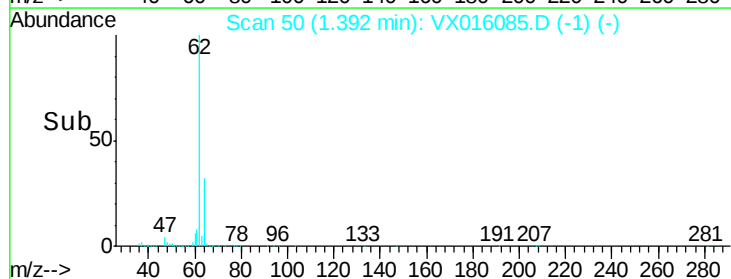
40000

20000

0

Time-->

1.35 1.40 1.45





#5

Bromomethane

Concen: 23.311 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

ClientSampled :

VX0507WBS01

Tot Ion: 94 Resp: 48759

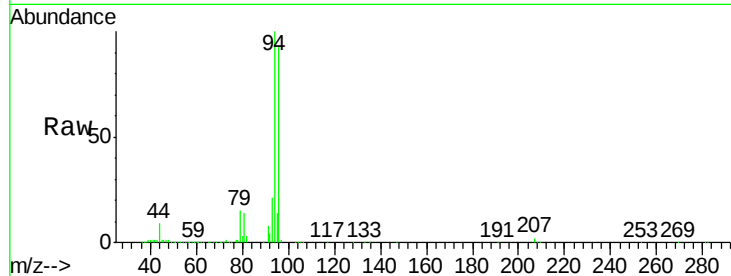
Ion Ratio Lower Upper

94 100

96 92.3 76.9 115.3

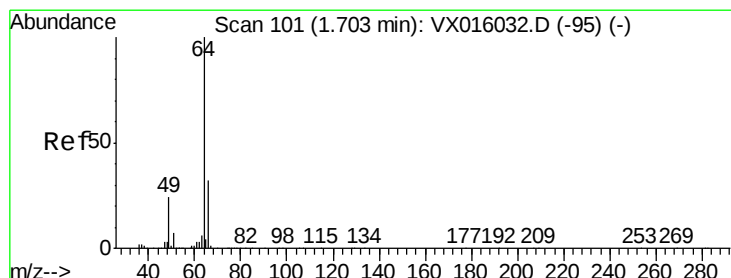
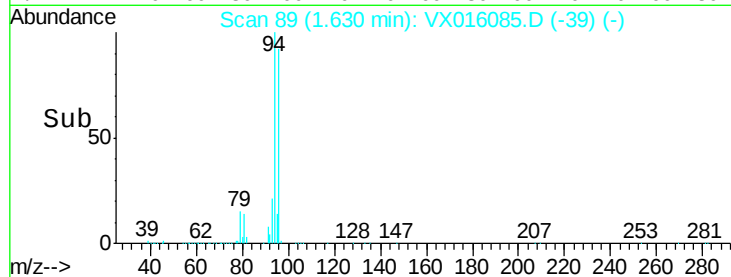
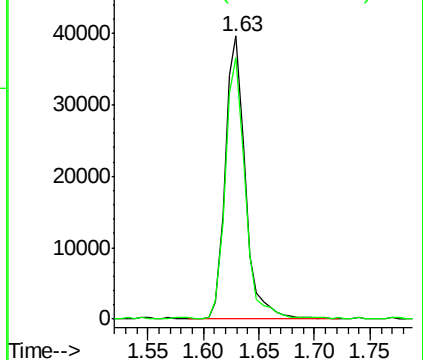
Manual Integrations
APPROVED

MMDadoda
5/8/2020 11:51:22 AM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.353 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016085.D

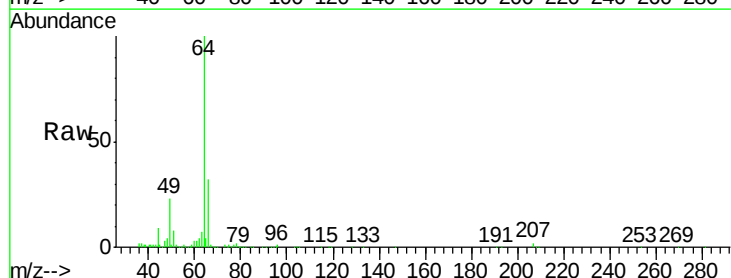
Acq: 07 May 2020 11:01

Tgt Ion: 64 Resp: 46330

Ion Ratio Lower Upper

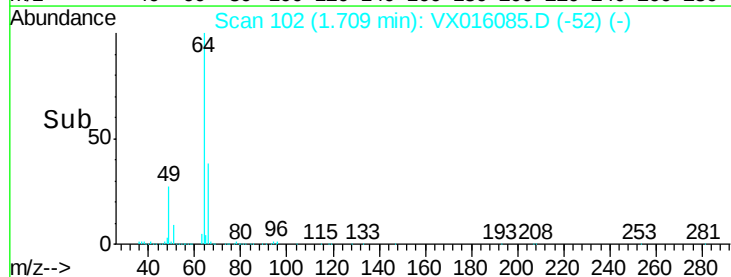
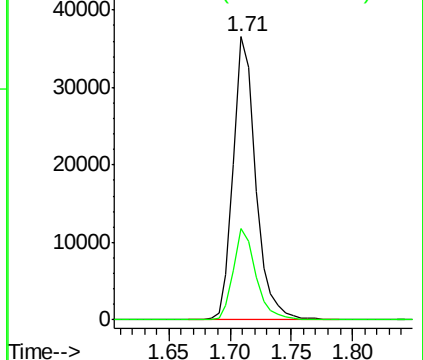
64 100

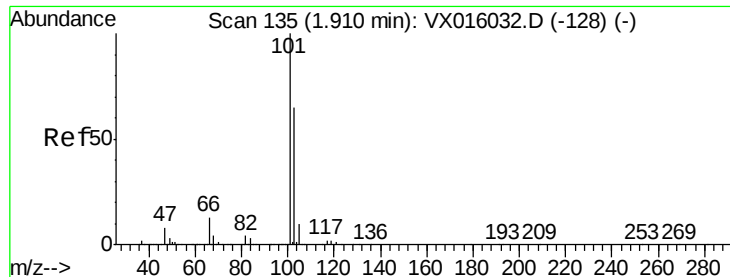
66 32.1 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

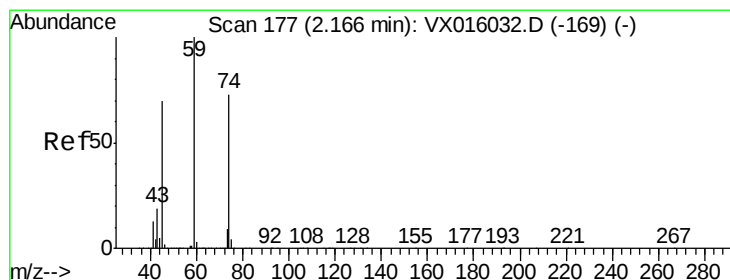
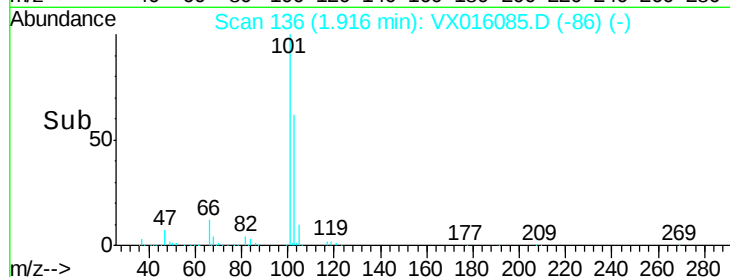
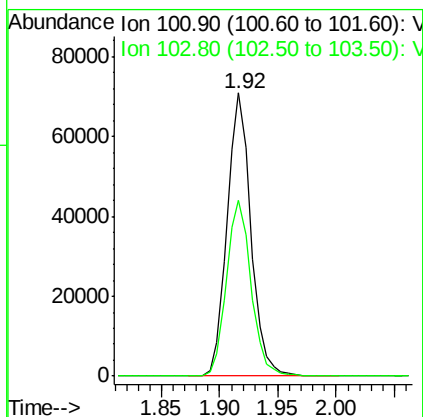
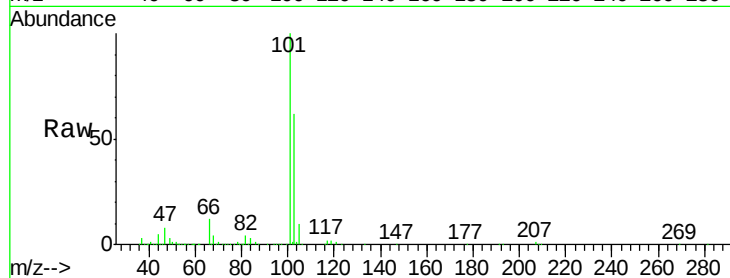
Trichlorofluoromethane
Concen: 18.499 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016085.D
Acq: 07 May 2020 11:01

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.8	51.8	77.6

Manual Integrations
APPROVED

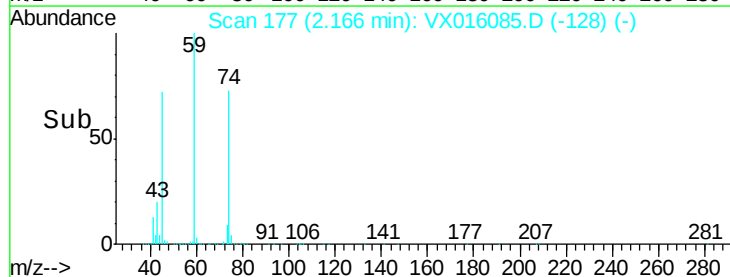
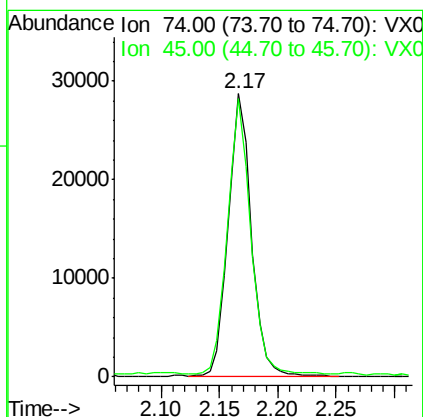
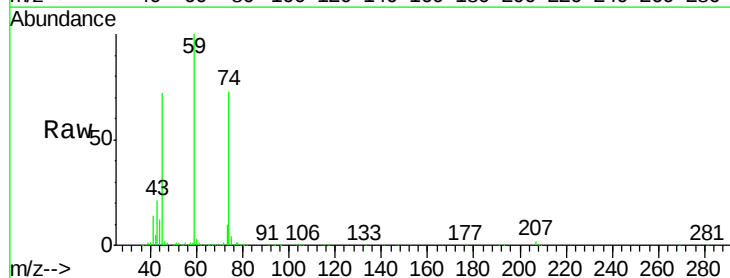
MMDadoda
5/8/2020 11:51:22 AM

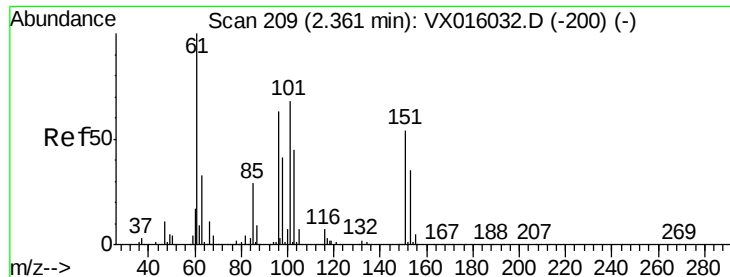


#8

Diethyl Ether
Concen: 17.258 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016085.D
Acq: 07 May 2020 11:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.0	47.3	142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.883 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

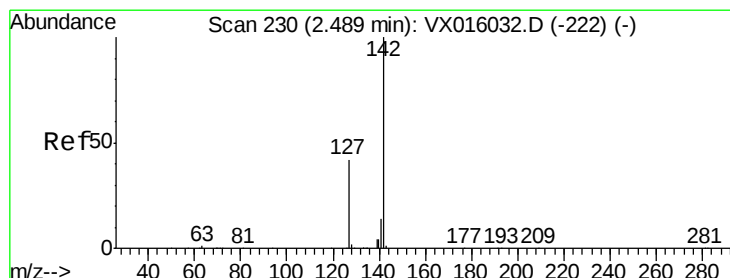
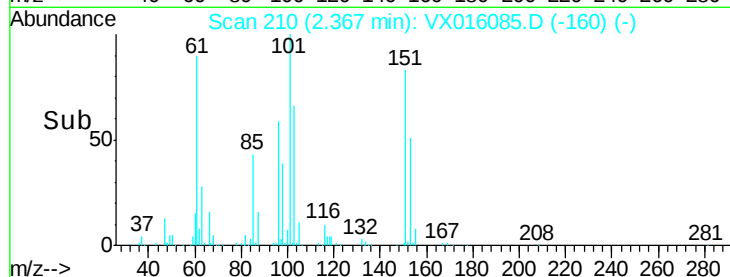
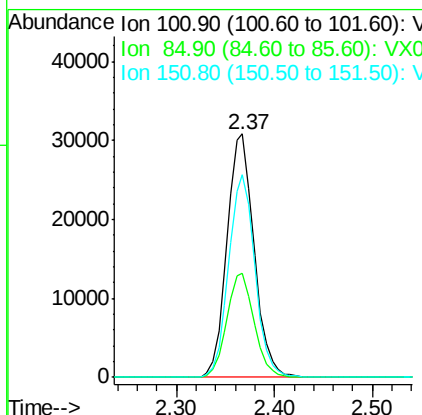
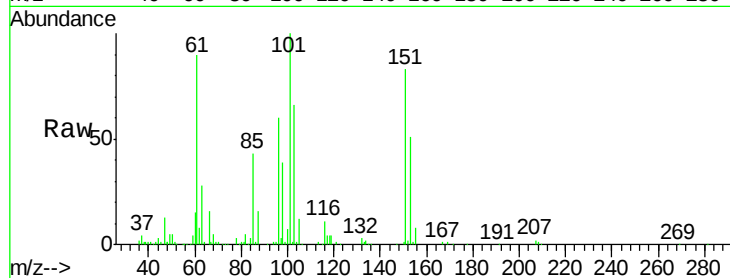
ClientSampleId :

VX0507WBS01

Tot Ion:	101	Resp:	59341
Ion Ratio	Lower	Upper	
101	100		
85	42.8	34.2	51.4
151	80.8	62.1	93.1

Manual Integrations
APPROVED

MMDadoda
5/8/2020 11:51:22 AM



#10

Methyl Iodide

Concen: 16.739 ug/l

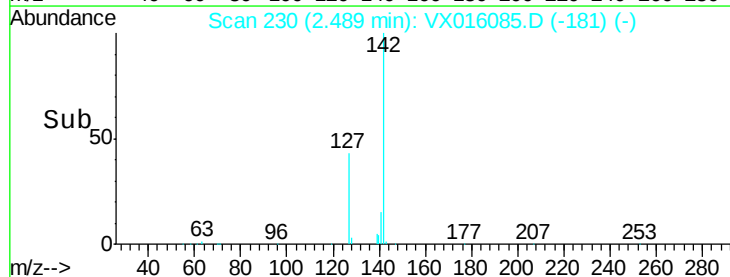
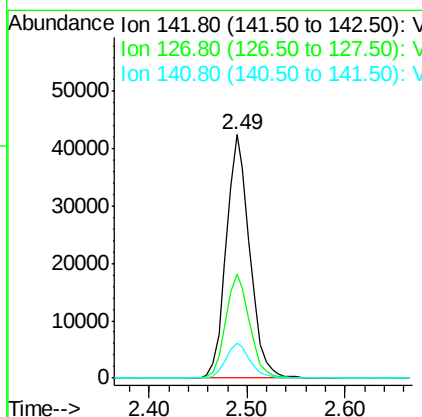
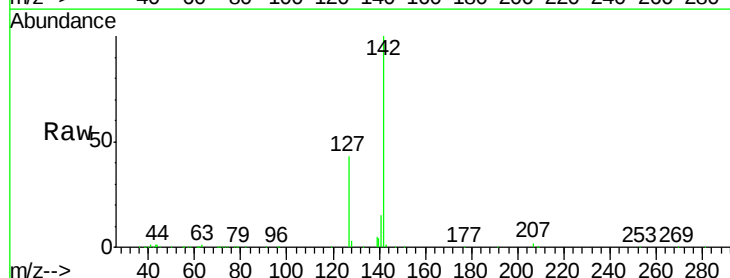
RT: 2.49 min Scan# 230

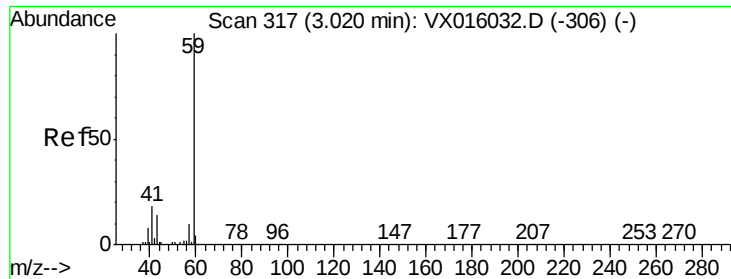
Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Tgt Ion:	142	Resp:	70657
Ion Ratio	Lower	Upper	
142	100		
127	43.5	34.6	52.0
141	14.5	11.3	16.9





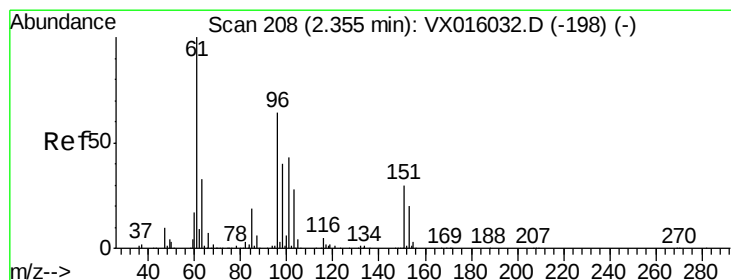
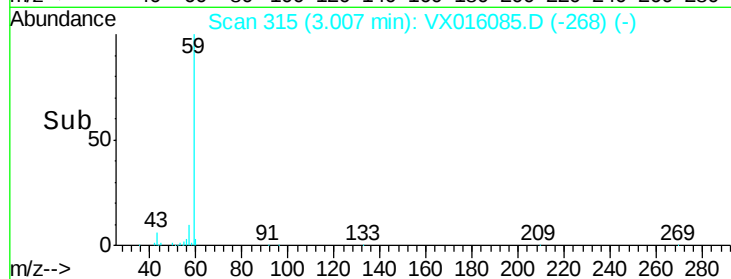
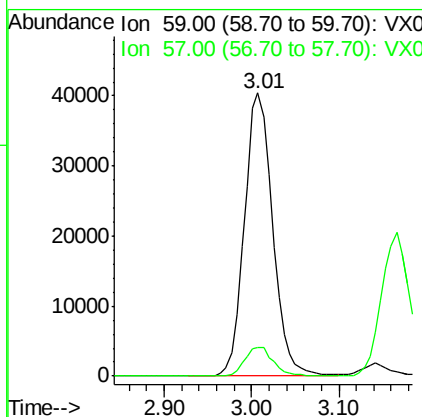
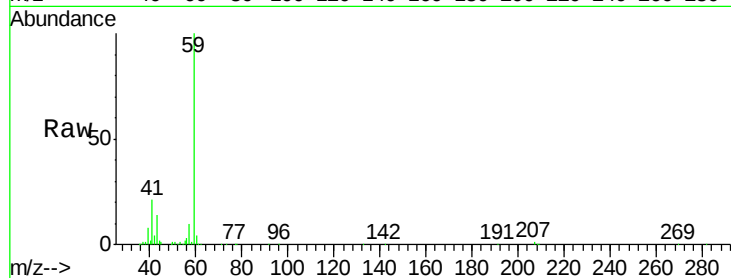
#11
Tert butyl alcohol
Concen: 86.295 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016085.D
Acq: 07 May 2020 11:01

Instrument :
MSVOA_X
ClientSampled :
VX0507WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.2	12.4

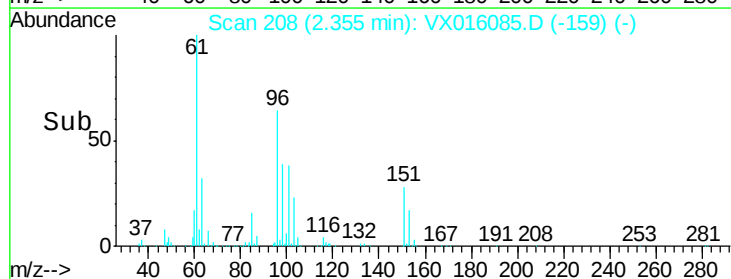
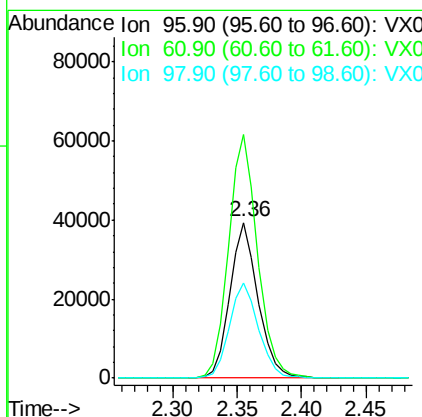
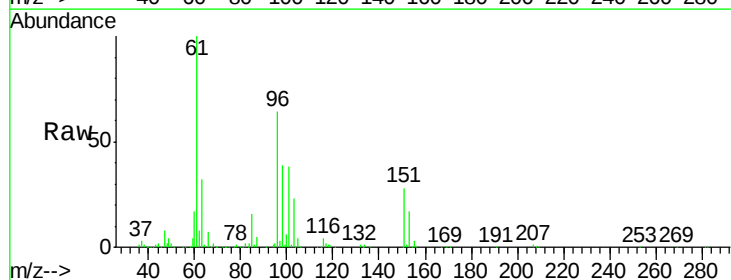
Manual Integrations
APPROVED

MMDadoda
5/8/2020 11:51:22 AM



#12
1,1-Dichloroethene
Concen: 18.197 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016085.D
Acq: 07 May 2020 11:01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.6	124.8	187.2
98	61.5	49.7	74.5





#13

Acrolein

Concen: 72.803 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS01

Tot Ion: 56 Resp: 47958

Ion Ratio Lower Upper

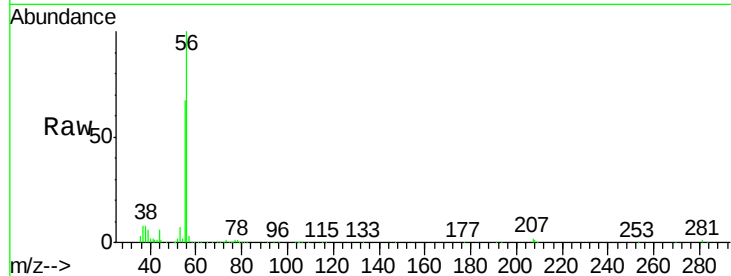
56 100

55 71.1 56.5 84.7

Manual Integrations
APPROVED

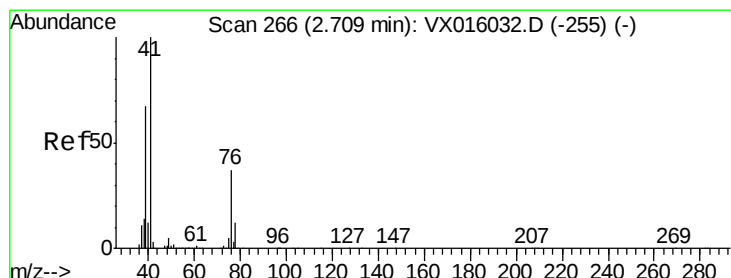
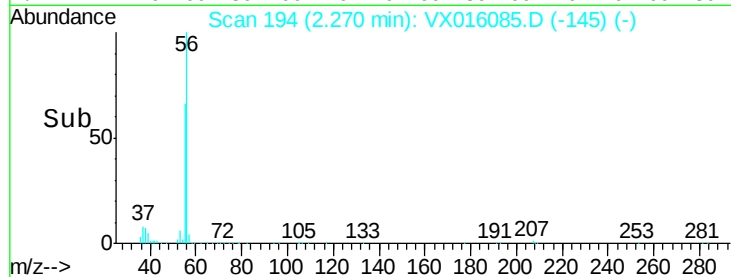
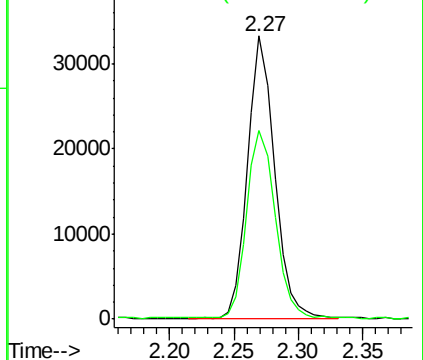
MMDadoda

5/8/2020 11:51:22 AM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.222 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

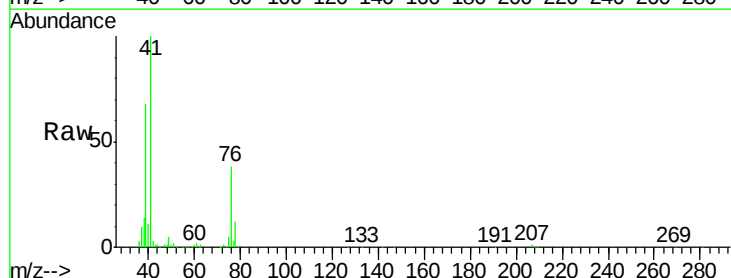
Tgt Ion: 41 Resp: 109872

Ion Ratio Lower Upper

41 100

39 61.6 50.5 75.7

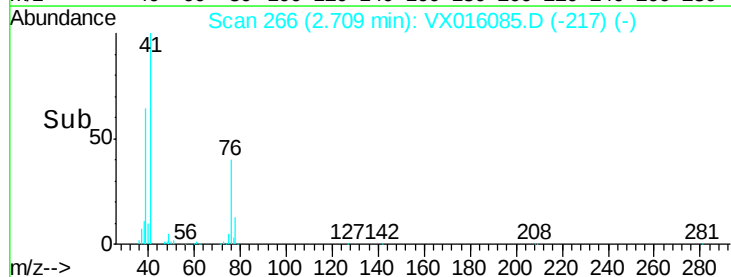
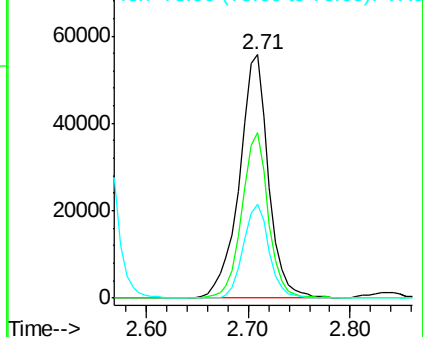
76 34.4 26.6 40.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 88.263 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

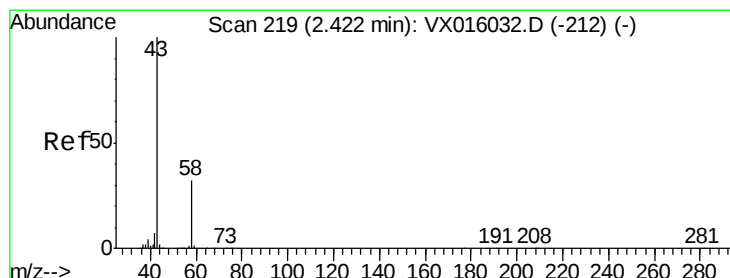
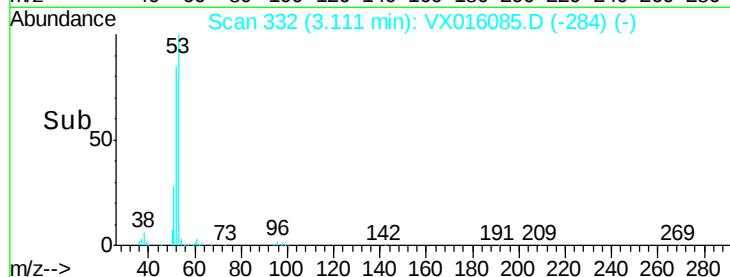
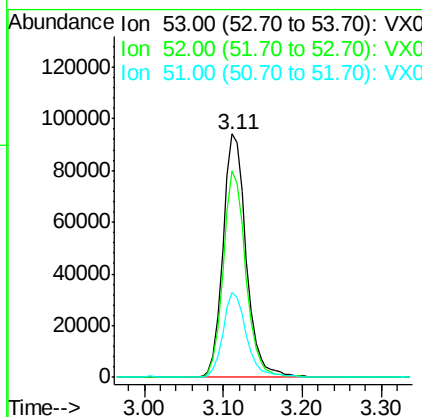
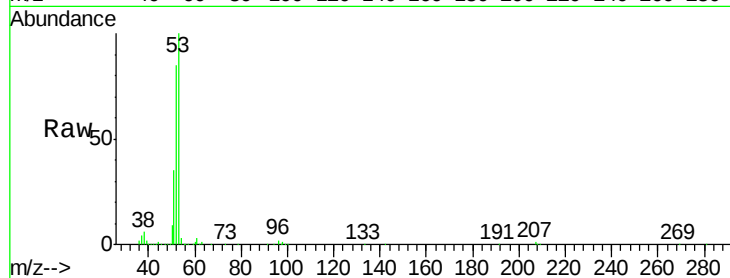
ClientSampleId :

VX0507WBS01

Tot Ion:	53	Resp:	192749
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.1	99.1
51	35.2	28.8	43.2

Manual Integrations
APPROVED

MMDadoda
5/8/2020 11:51:22 AM



#16

Acetone

Concen: 86.362 ug/l

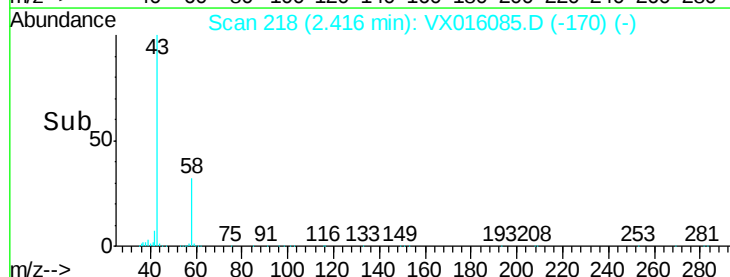
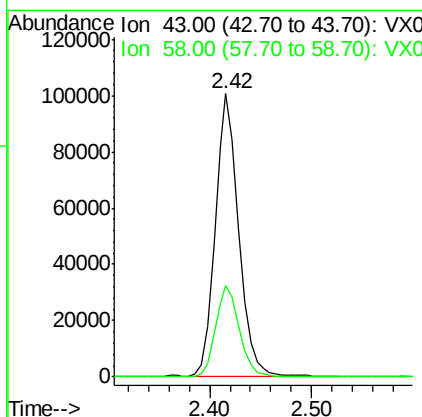
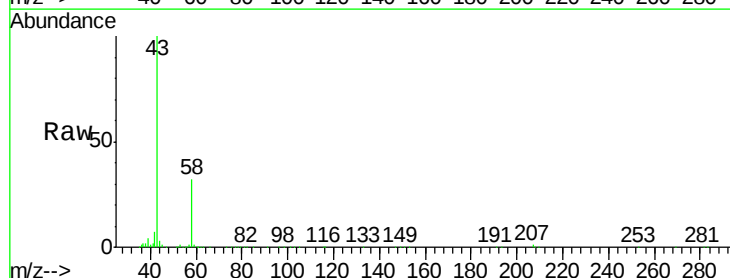
RT: 2.42 min Scan# 218

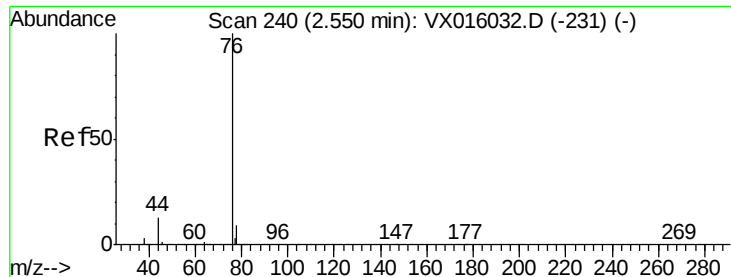
Delta R.T. -0.01 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Tgt Ion:	43	Resp:	160412
Ion	Ratio	Lower	Upper
43	100		
58	32.1	25.4	38.0





#17

Carbon Disulfide

Concen: 18.046 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS01

Tot Ion: 76 Resp: 179519

Ion Ratio Lower Upper

76 100

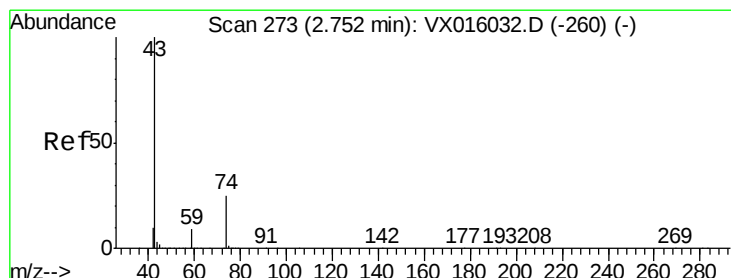
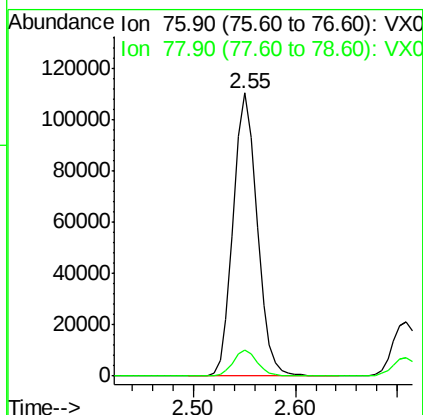
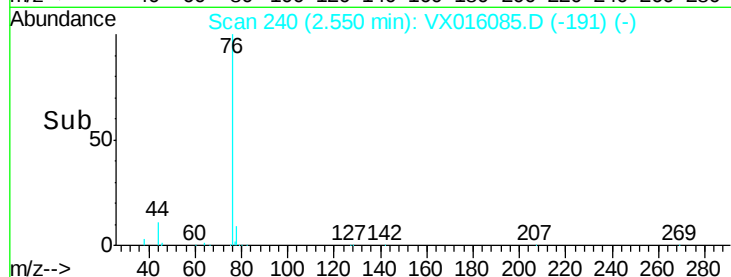
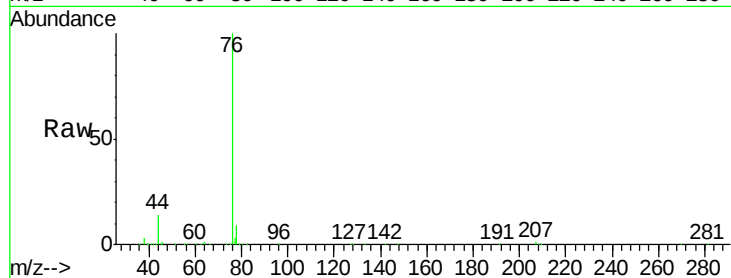
78 9.4 7.5 11.3

Manual Integrations

APPROVED

MMDadoda

5/8/2020 11:51:22 AM



#18

Methyl Acetate

Concen: 18.344 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016085.D

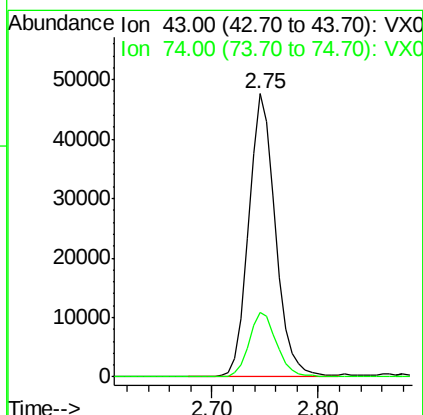
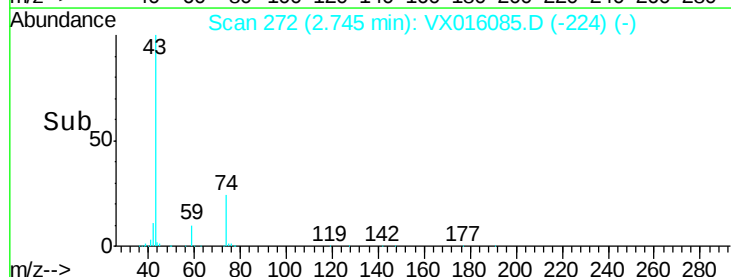
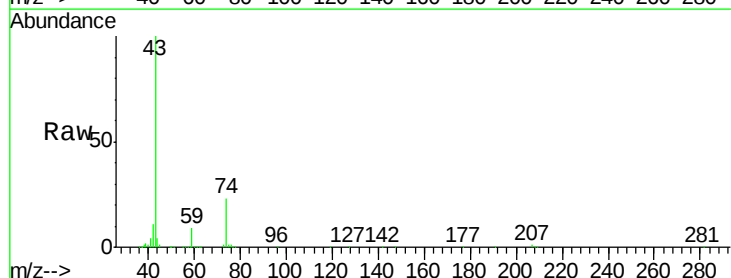
Acq: 07 May 2020 11:01

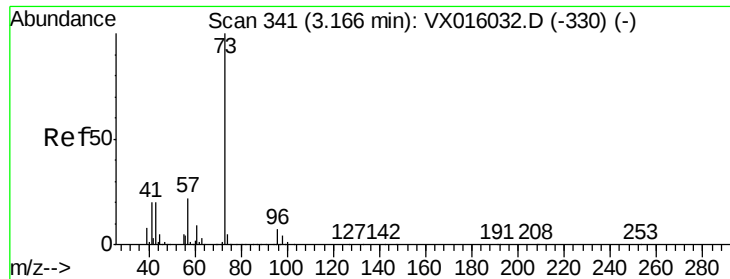
Tgt Ion: 43 Resp: 83778

Ion Ratio Lower Upper

43 100

74 24.0 20.2 30.2





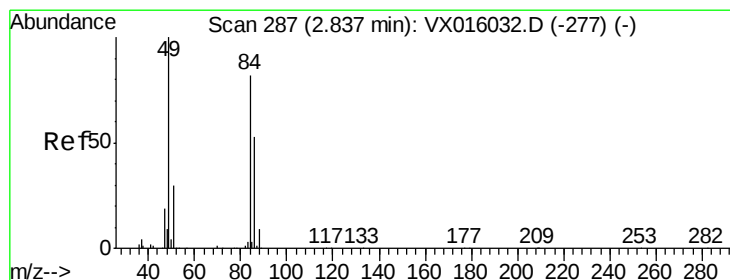
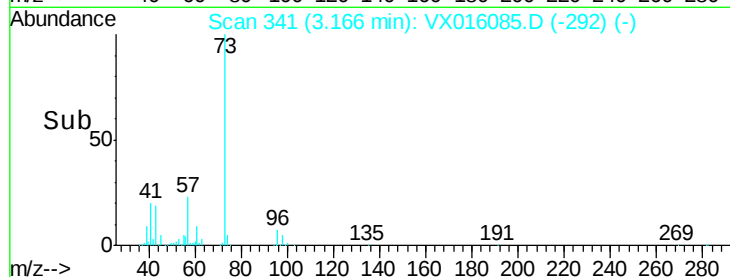
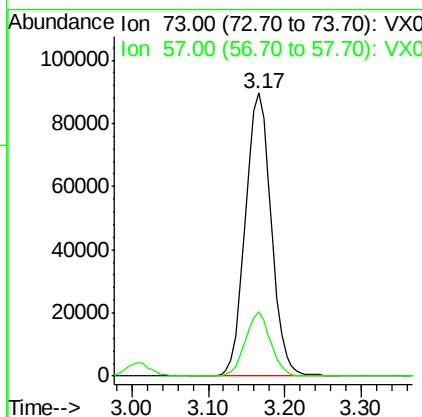
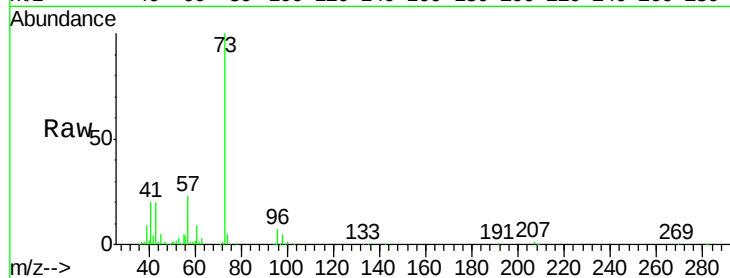
#19
Methvl tert-butvl Ether
Concen: 18.575 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016085.D
Acq: 07 May 2020 11:01

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.8	17.8	26.6

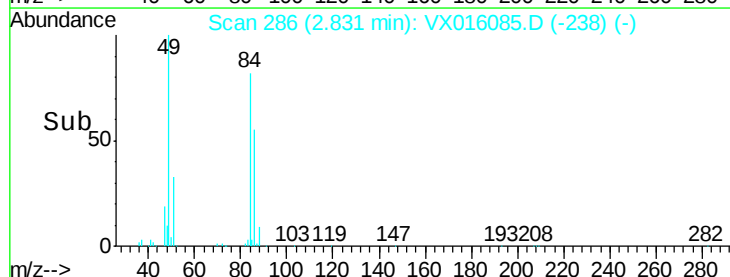
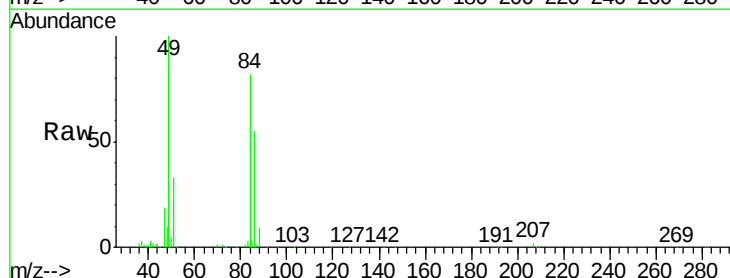
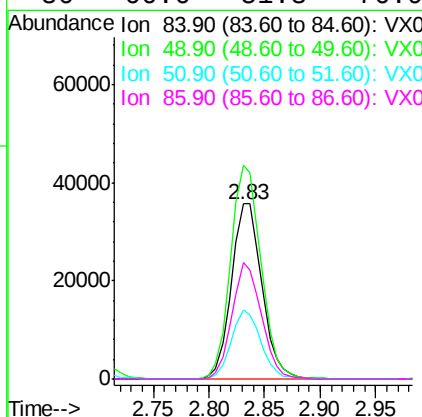
Manual Integrations
APPROVED

MMDadoda
5/8/2020 11:51:22 AM



#20
Methylene Chloride
Concen: 17.678 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016085.D
Acq: 07 May 2020 11:01

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.1	97.3	145.9
51	39.5	29.3	43.9
86	66.6	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 17.708 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

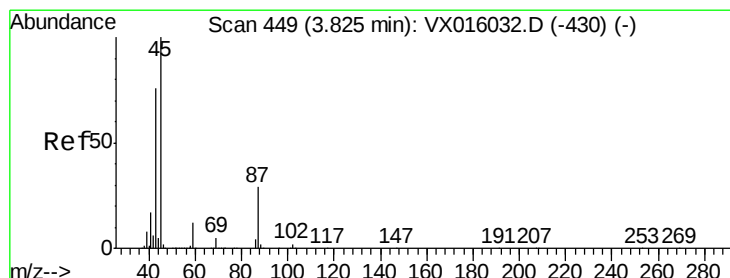
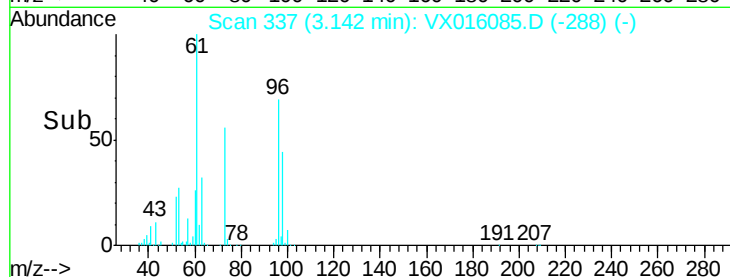
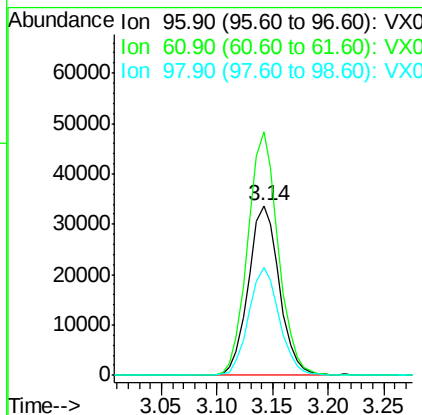
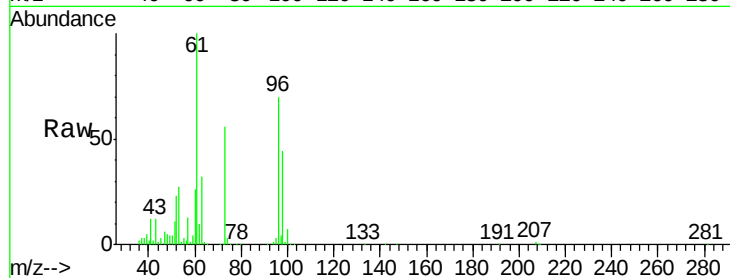
ClientSampleId :

VX0507WBS01

Tot Ion:	96	Resp:	64894
Ion	Ratio	Lower	Upper
96	100		
61	143.8	111.2	166.8
98	63.4	50.2	75.4

Manual Integrations
APPROVED

MMDadoda
5/8/2020 11:51:22 AM



#22

Diisopropyl ether

Concen: 18.541 ug/l

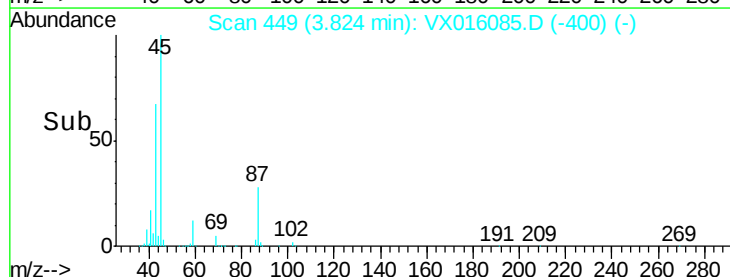
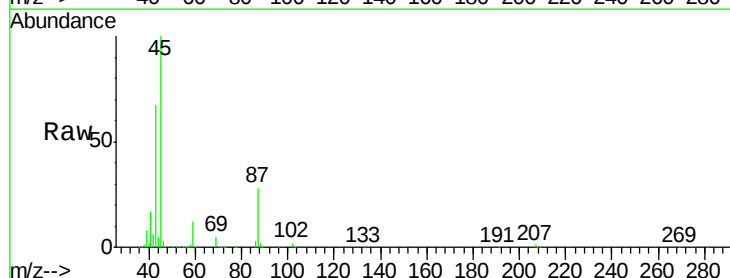
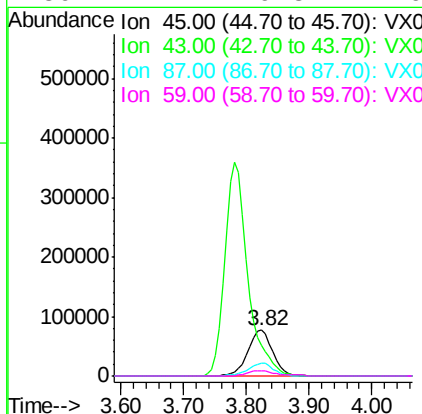
RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Tgt Ion:	45	Resp:	210905
Ion	Ratio	Lower	Upper
45	100		
43	66.7	61.1	91.7
87	27.8	23.0	34.6
59	12.2	9.8	14.6





#23

Vinyl Acetate

Concen: 91.524 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

ClientSampled :

VX0507WBS01

Tot Ion: 43 Resp: 915959

Ion Ratio Lower Upper

43 100

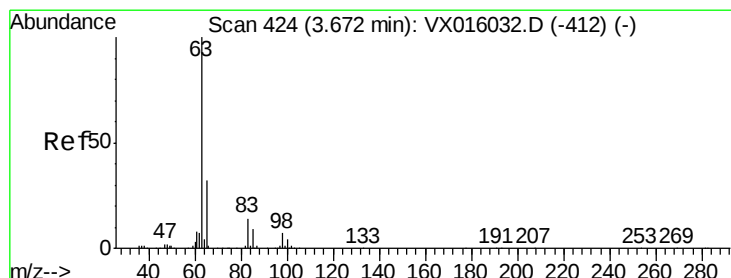
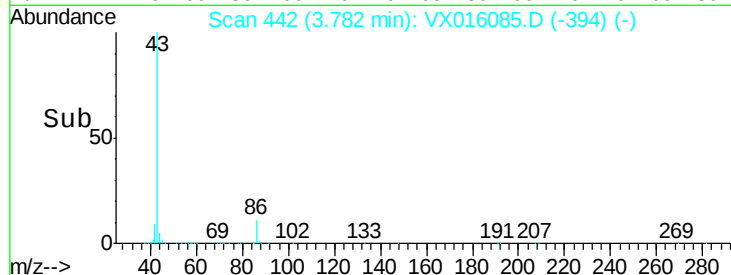
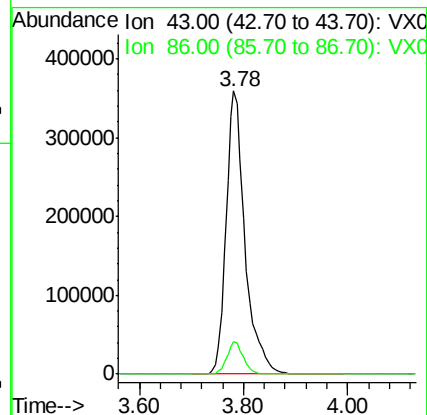
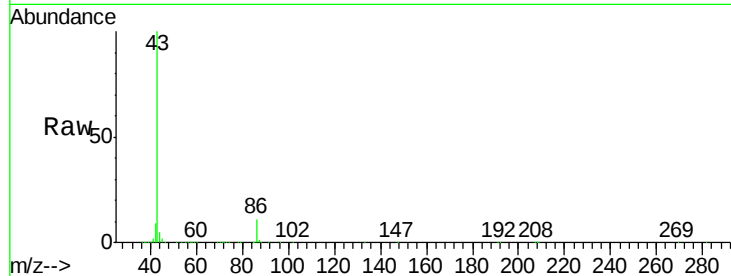
86 11.4 9.0 13.4

Manual Integrations

APPROVED

MMDadoda

5/8/2020 11:51:22 AM



#24

1,1-Dichloroethane

Concen: 18.741 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

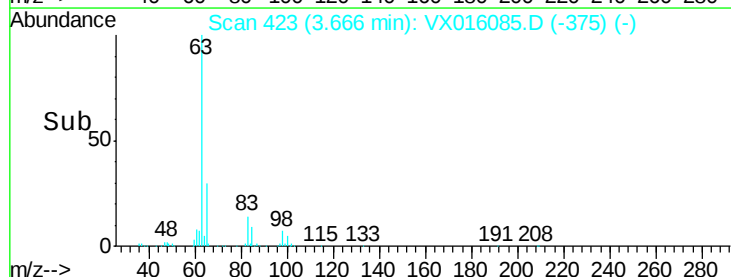
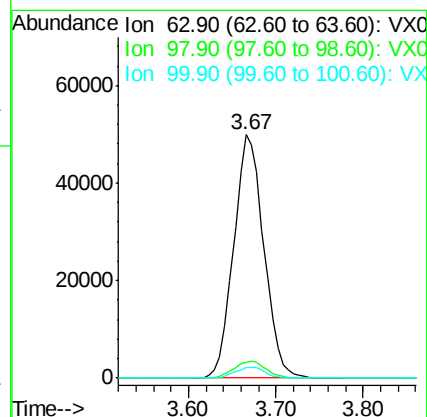
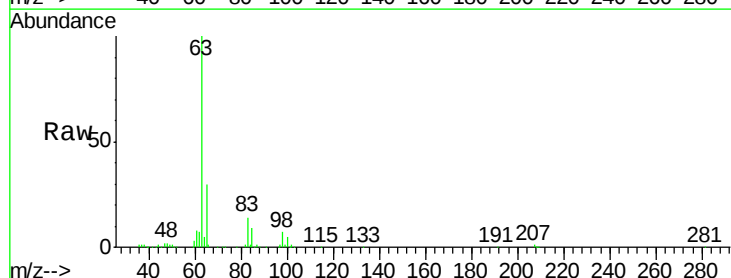
Tgt Ion: 63 Resp: 119254

Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.5

100 4.5 2.1 6.5





#25

2-Butanone

Concen: 87.864 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Tot Ion: 43 Resp: 262985

Ion Ratio Lower Upper

43 100

72 27.1 21.8 32.8

Instrument :

MSVOA_X

ClientSampled :

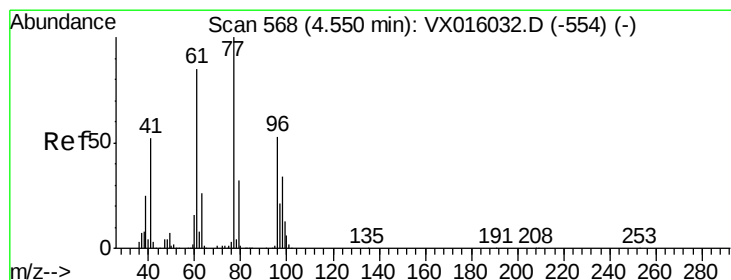
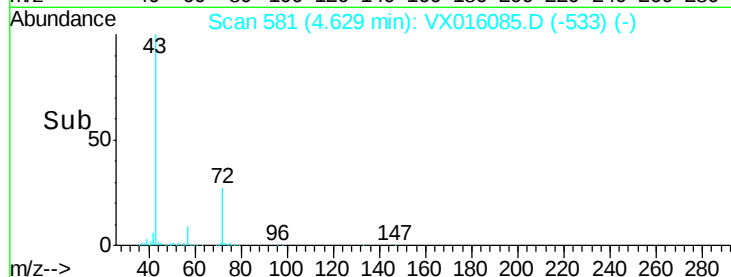
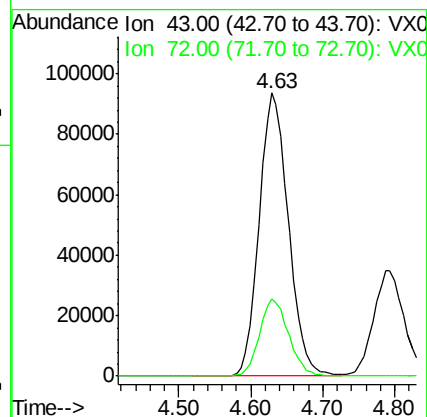
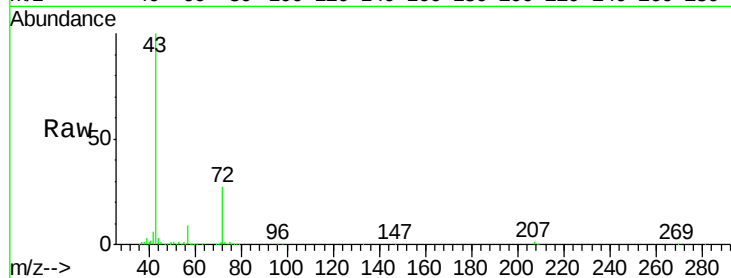
VX0507WBS01

Manual Integrations

APPROVED

MMDadoda

5/8/2020 11:51:22 AM



#26

2,2-Dichloropropane

Concen: 18.518 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016085.D

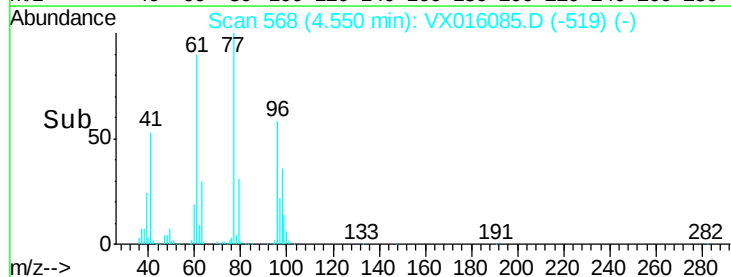
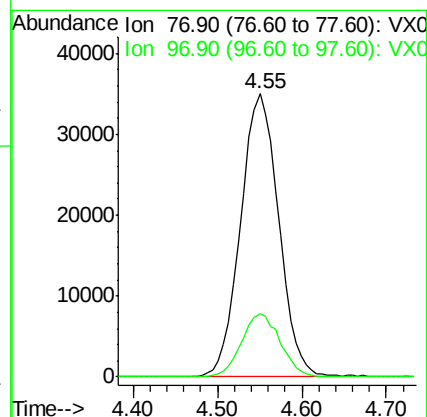
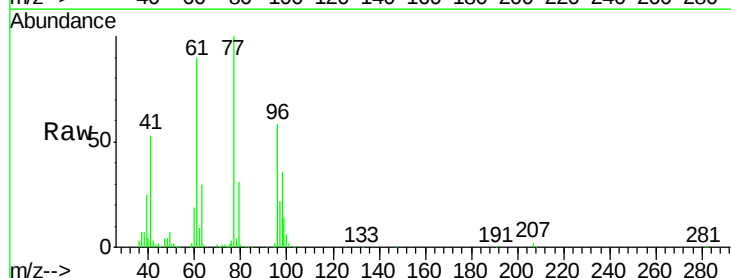
Acq: 07 May 2020 11:01

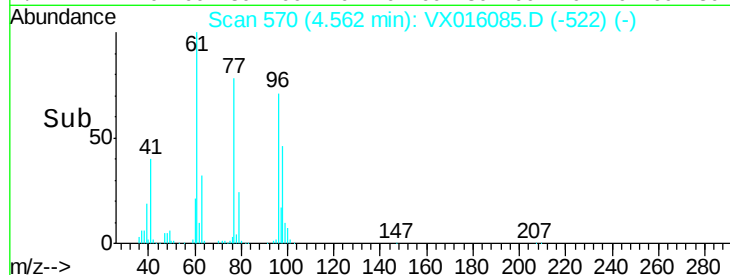
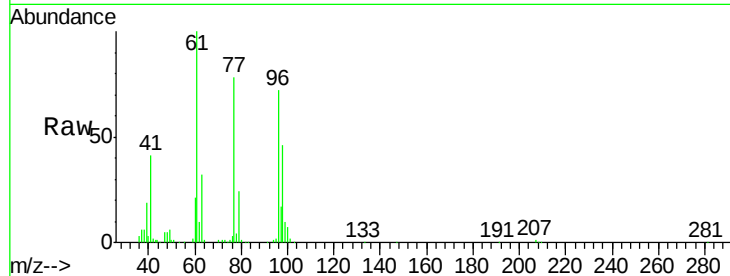
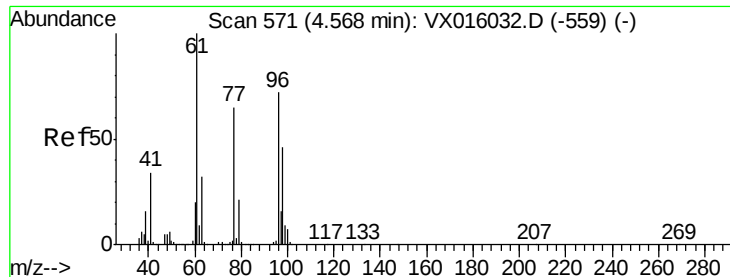
Tgt Ion: 77 Resp: 107615

Ion Ratio Lower Upper

77 100

97 22.7 11.2 33.6





#27

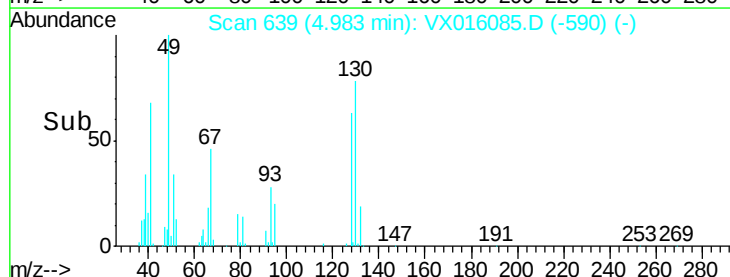
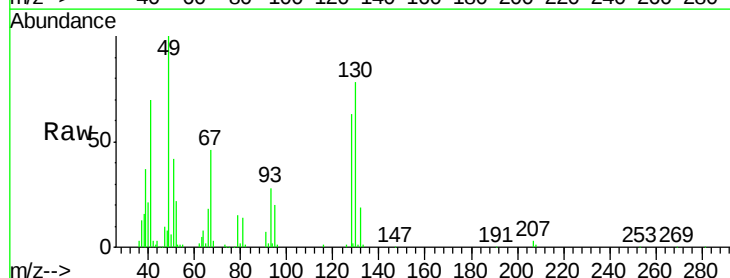
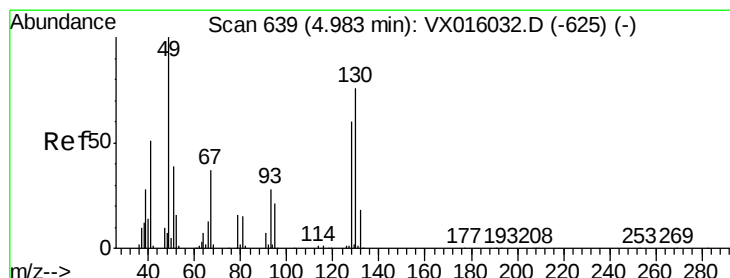
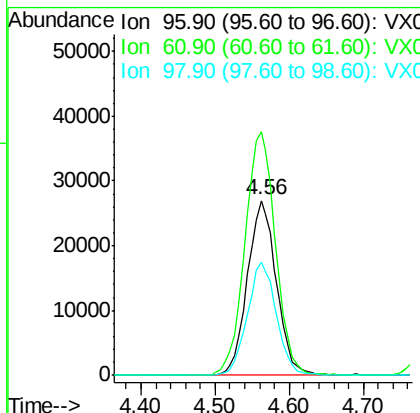
cis-1,2-Dichloroethene
Concen: 18.436 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016085.D
Acq: 07 May 2020 11:01

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.5	0.0	296.2
98	64.9	0.0	129.4

Instrument :
MSVOA_X
ClientSampled :
VX0507WBS01

Manual Integrations
APPROVED

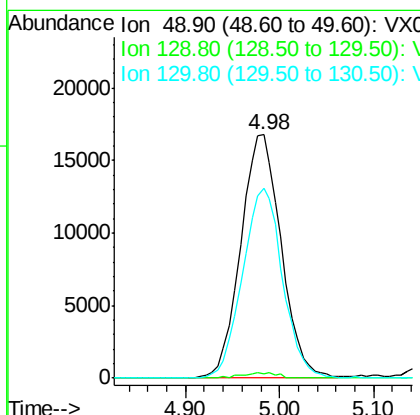
MMDadoda
5/8/2020 11:51:22 AM

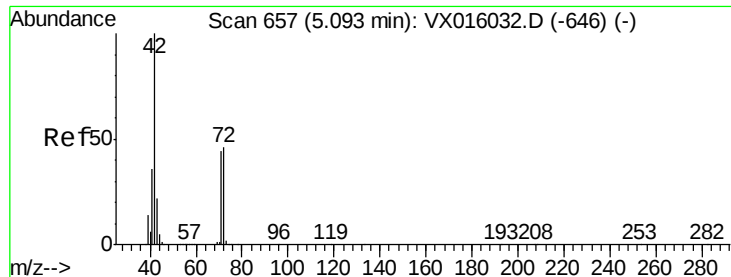


#28

Bromochloromethane
Concen: 17.314 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016085.D
Acq: 07 May 2020 11:01

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	77.0	62.4	93.6





#29

Tetrahydrofuran

Concen: 89.080 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

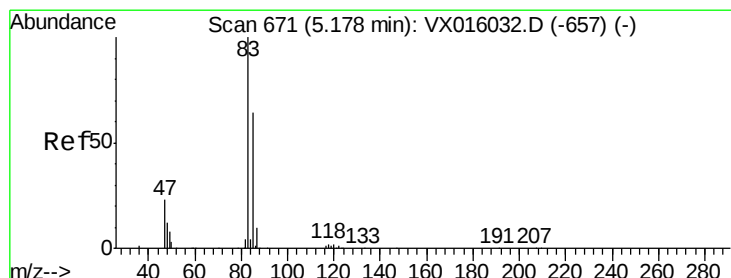
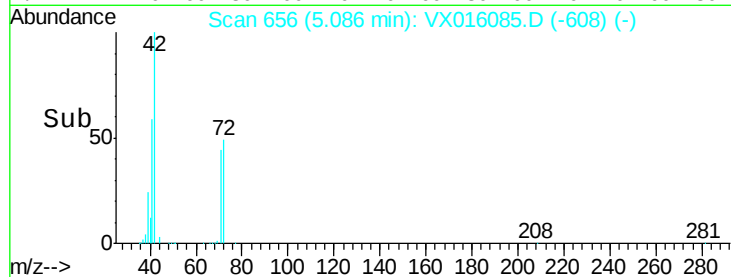
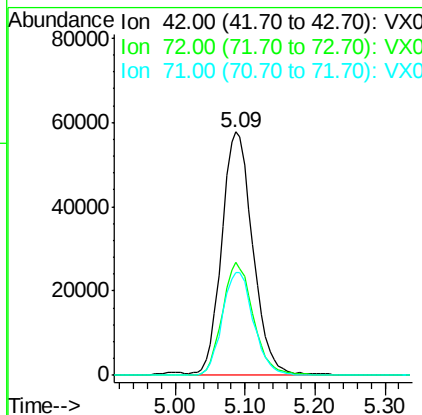
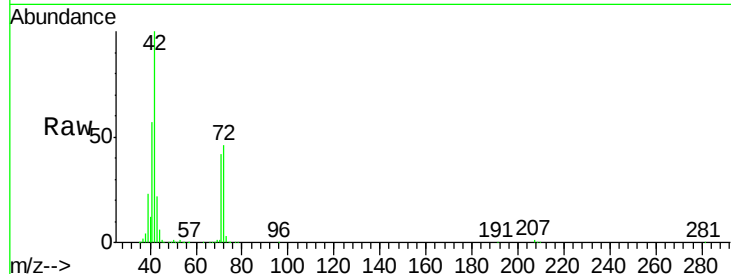
ClientSampleId :

VX0507WBS01

Manual Integrations
APPROVED

MMDadoda
5/8/2020 11:51:22 AM

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.5	37.1	55.7
71	43.0	34.5	51.7



#30

Chloroform

Concen: 18.364 ug/l

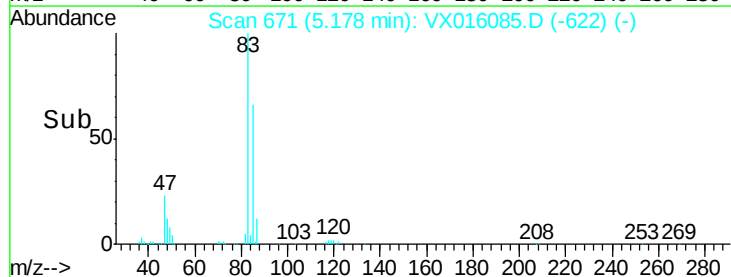
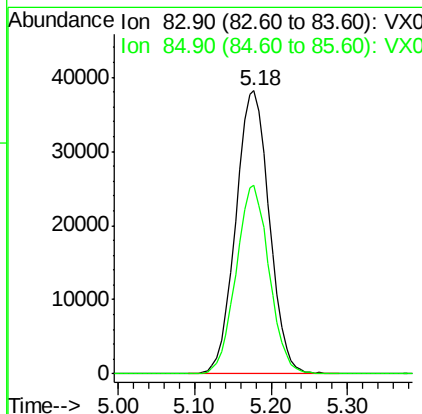
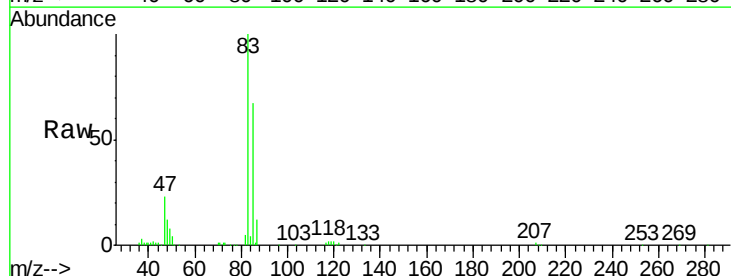
RT: 5.18 min Scan# 671

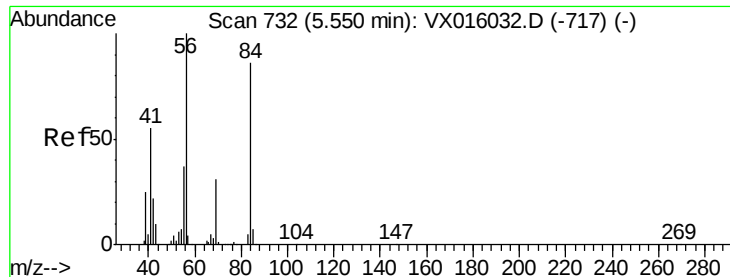
Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.6	51.6	77.4





#31

Cyclohexane

Concen: 18.931 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

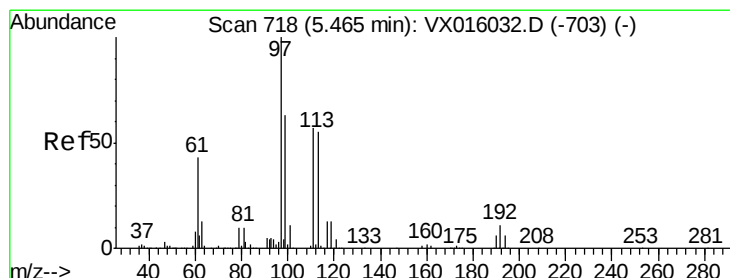
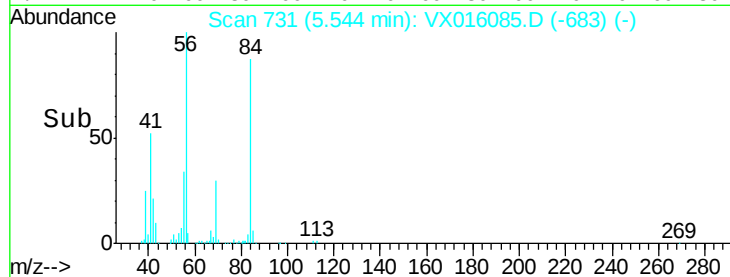
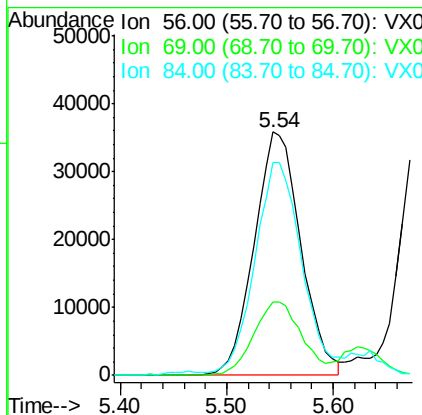
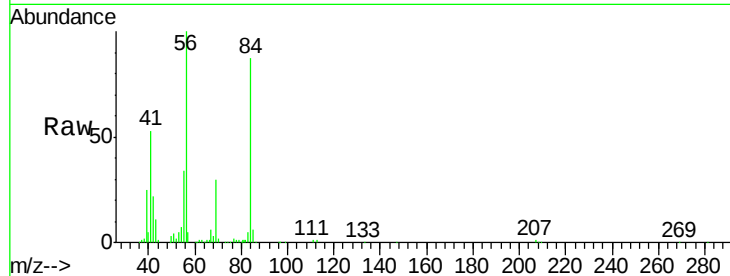
ClientSampleId :

VX0507WBS01

Tot Ion:	56	Resp:	109482
Ion Ratio	Lower	Upper	
56	100		
69	30.2	25.0	37.6
84	85.4	69.0	103.6

Manual Integrations
APPROVED

MMDadoda
5/8/2020 11:51:22 AM



#32

1,1,1-Trichloroethane

Concen: 18.501 ug/l

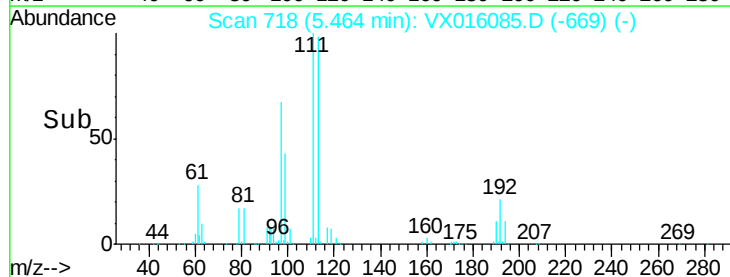
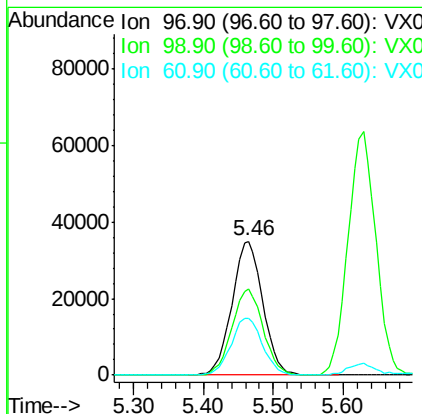
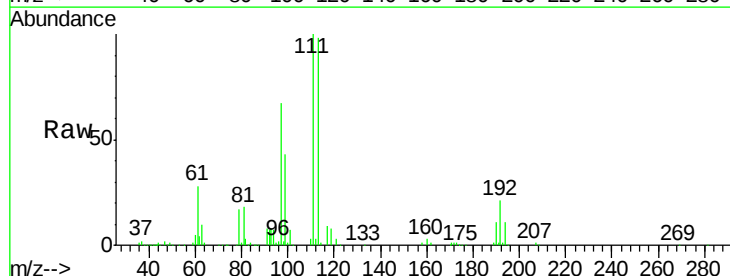
RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Tgt Ion:	97	Resp:	106549
Ion Ratio	Lower	Upper	
97	100		
99	64.9	51.0	76.4
61	43.4	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 46.256 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS01

Tot Ion: 65 Resp: 192559

Ion Ratio Lower Upper

65 100

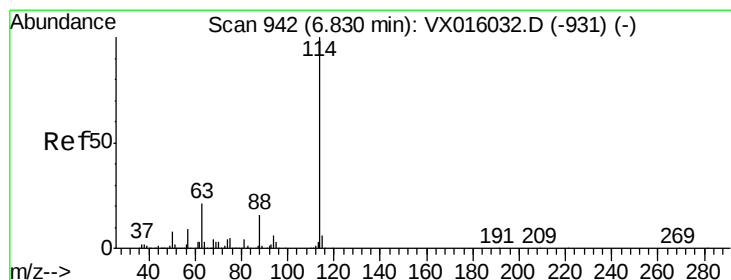
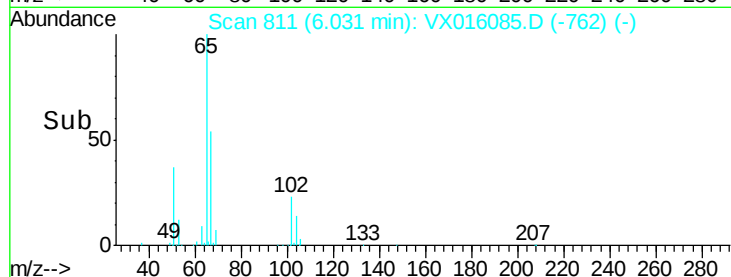
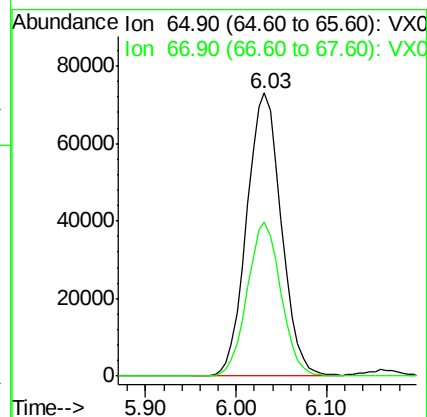
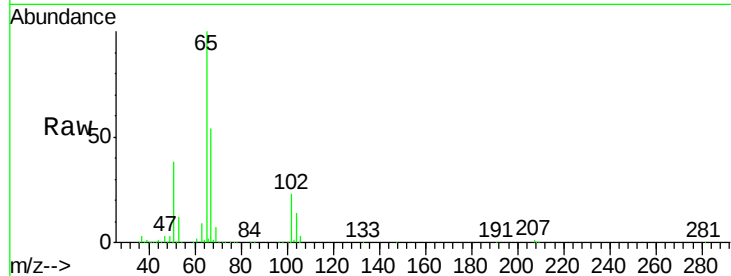
67 53.1 0.0 104.8

Manual Integrations

APPROVED

MMDadoda

5/8/2020 11:51:22 AM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

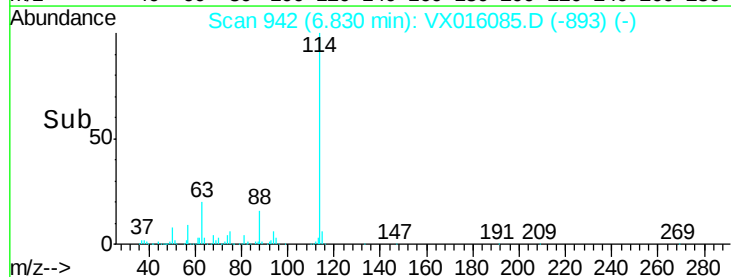
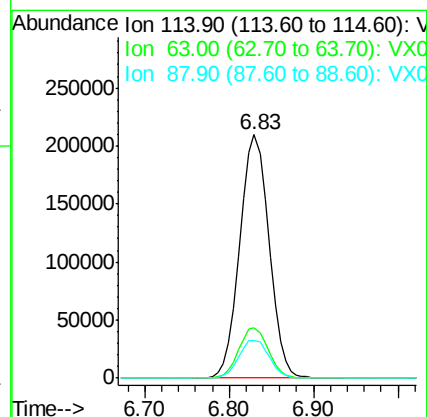
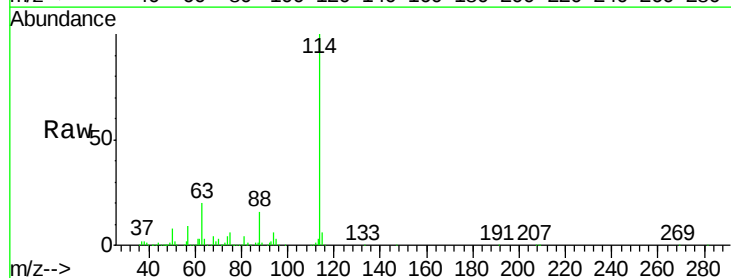
Tgt Ion: 114 Resp: 492334

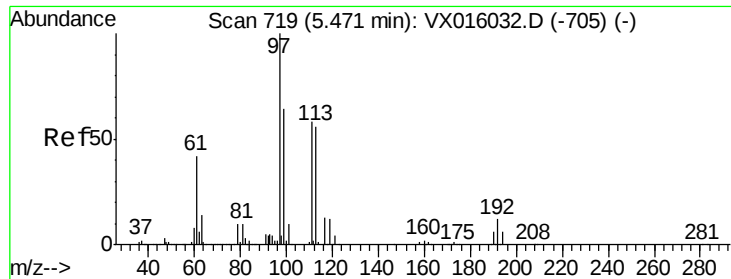
Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.8

88 15.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 47.896 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

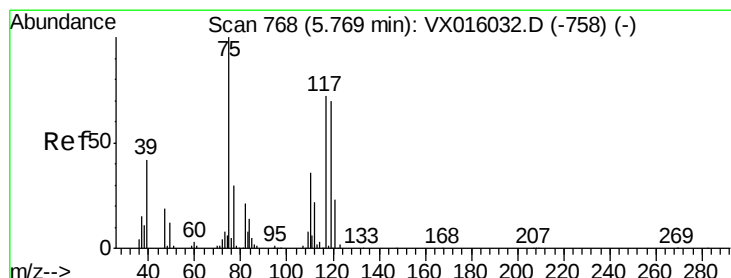
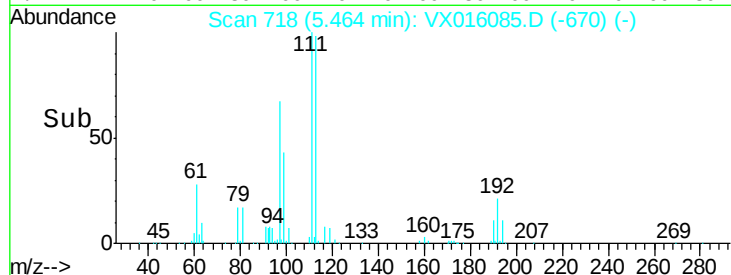
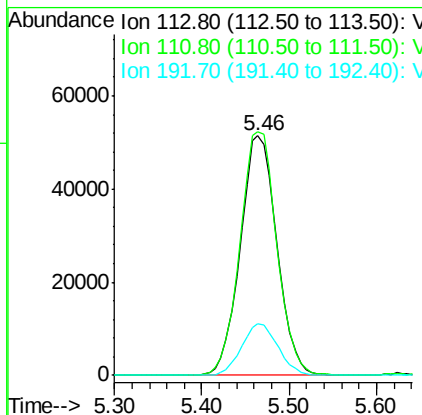
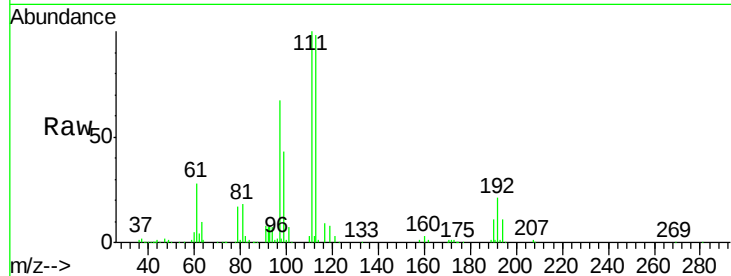
ClientSampled :

VX0507WBS01

Tot Ion:	113	Resp:	149395
Ion Ratio	Lower	Upper	
113	100		
111	102.2	81.6	122.4
192	21.4	17.0	25.4

Manual Integrations
APPROVED

MMDadoda
5/8/2020 11:51:22 AM



#36

1,1-Dichloropropene

Concen: 18.826 ug/l

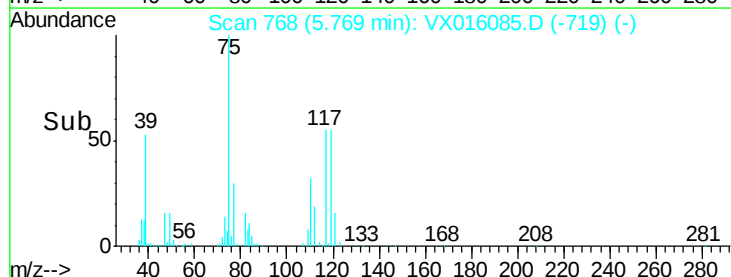
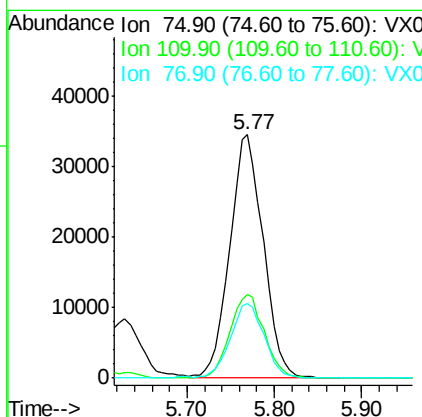
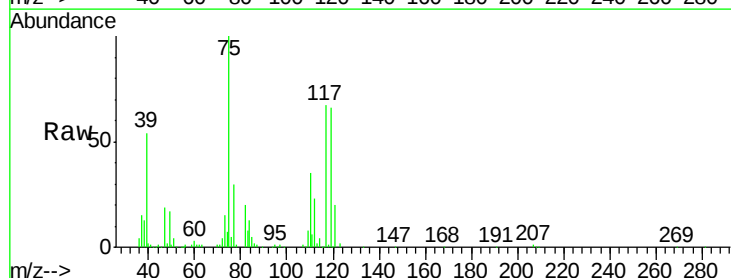
RT: 5.77 min Scan# 768

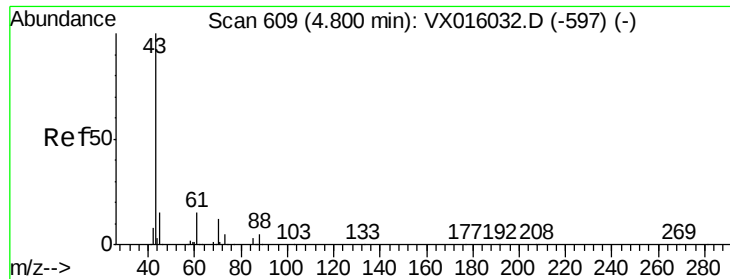
Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Tgt Ion:	75	Resp:	91235
Ion Ratio	Lower	Upper	
75	100		
110	35.1	18.1	54.1
77	31.2	25.0	37.6





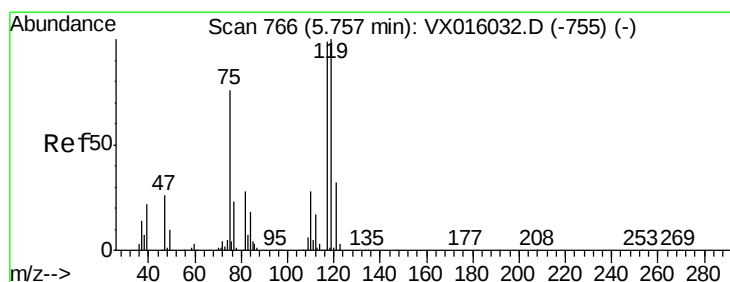
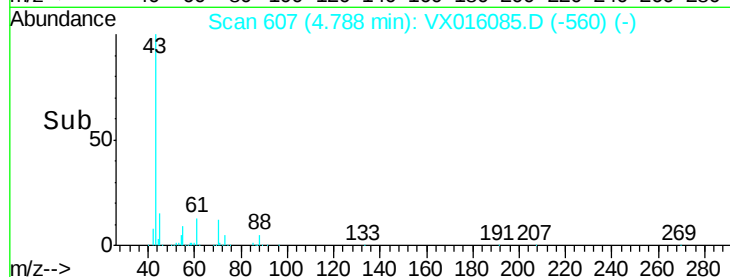
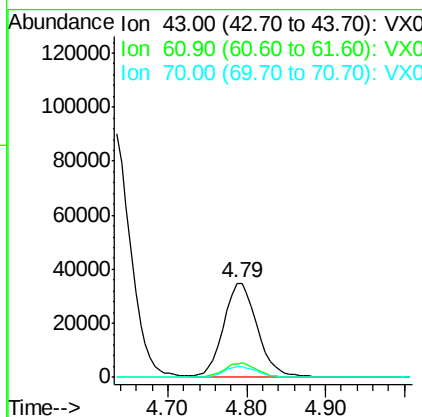
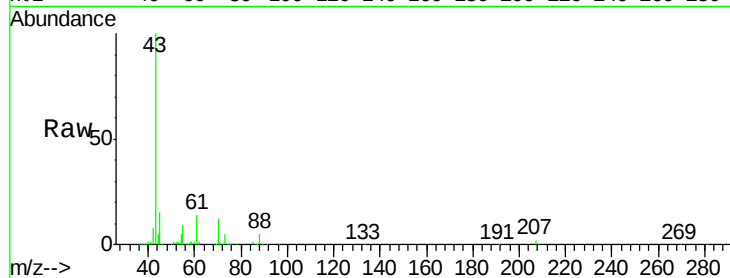
#37
Ethyl Acetate
Concen: 18.274 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016085.D
Acq: 07 May 2020 11:01

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.7	17.5
70	11.7	9.3	13.9

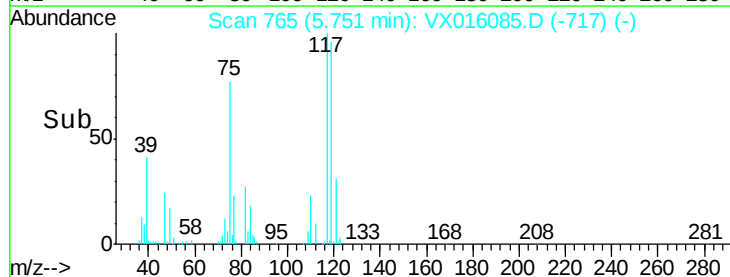
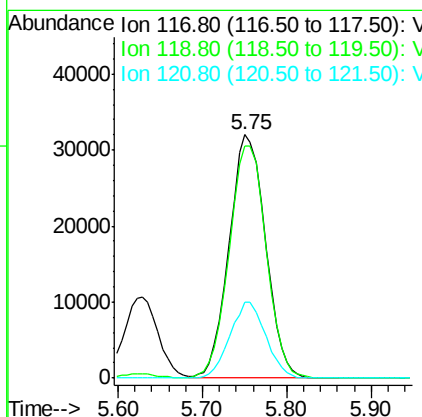
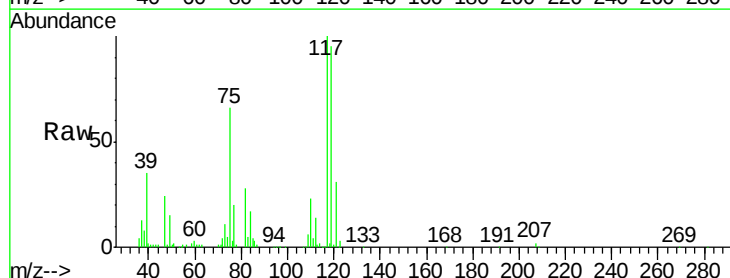
Manual Integrations
APPROVED

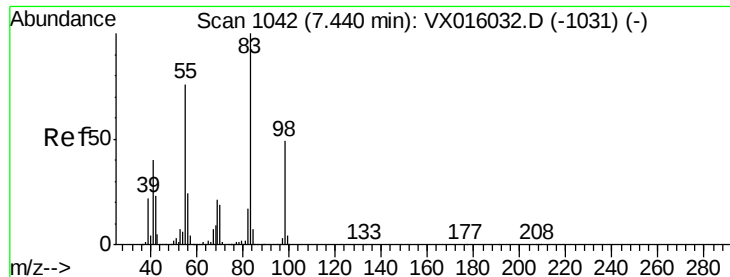
MMDadoda
5/8/2020 11:51:22 AM



#38
Carbon Tetrachloride
Concen: 19.054 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016085.D
Acq: 07 May 2020 11:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	80.3	120.5
121	31.2	25.7	38.5





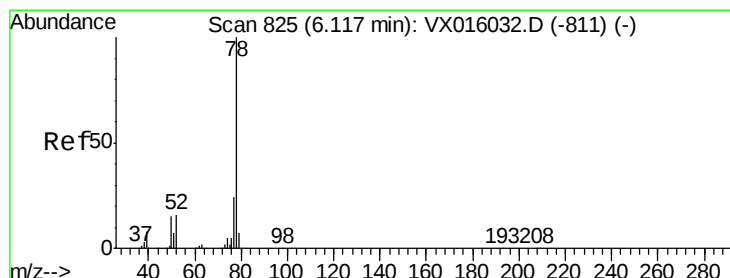
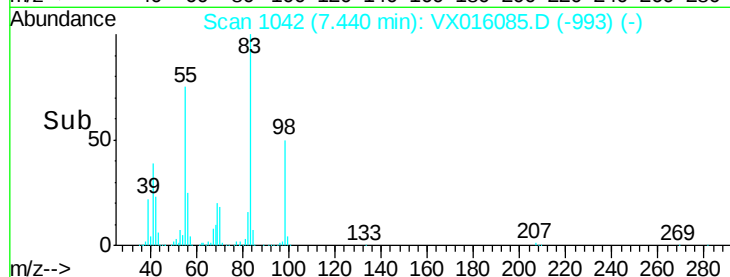
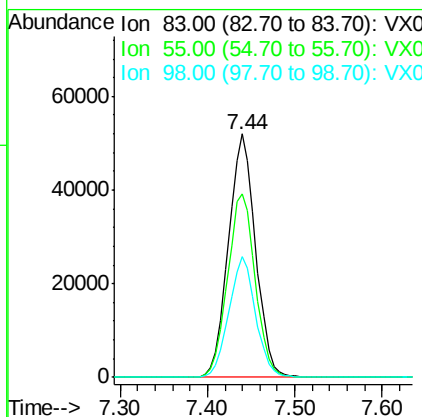
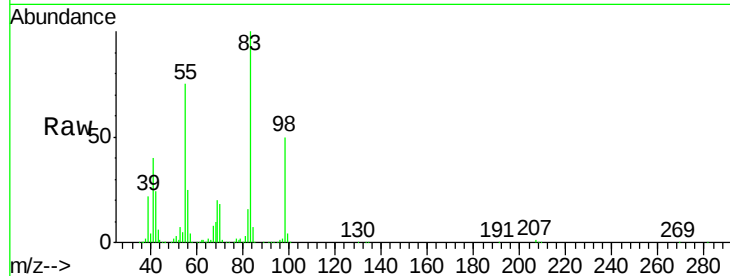
#39
Methylvlcyclohexane
Concen: 19.193 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016085.D
Acq: 07 May 2020 11:01

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.4	61.1	91.7
98	49.8	39.0	58.4

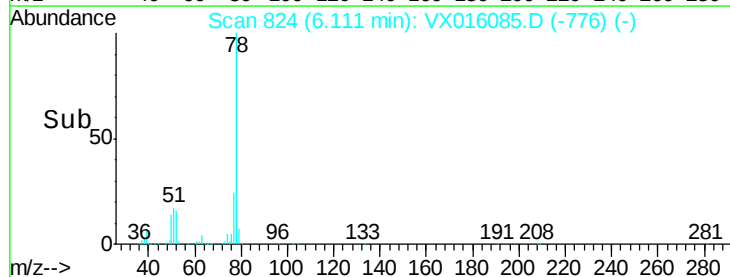
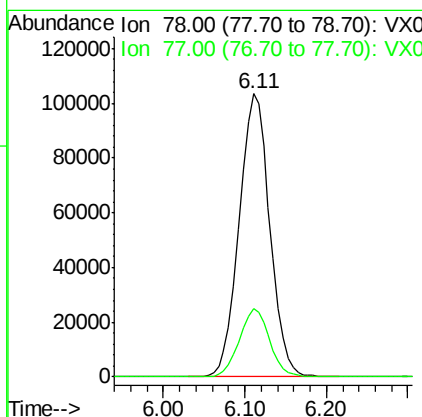
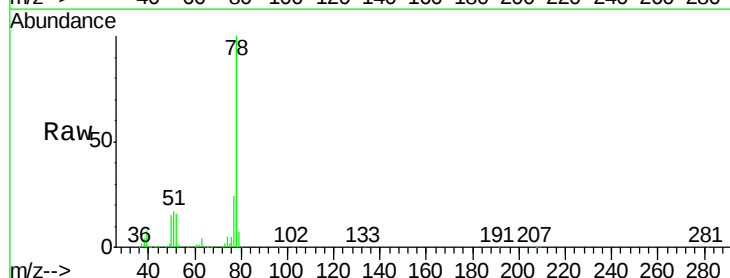
Manual Integrations
APPROVED

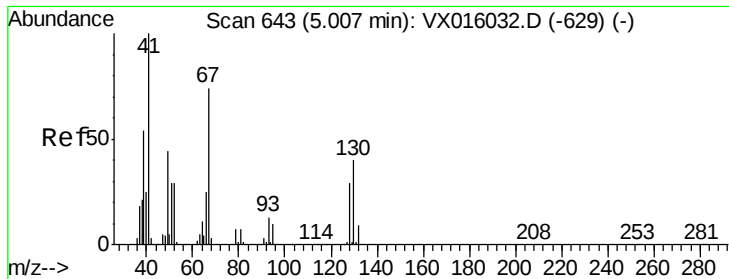
MMDadoda
5/8/2020 11:51:22 AM



#40
Benzene
Concen: 18.940 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016085.D
Acq: 07 May 2020 11:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.4





#41

Methacrylonitrile

Concen: 18.459 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

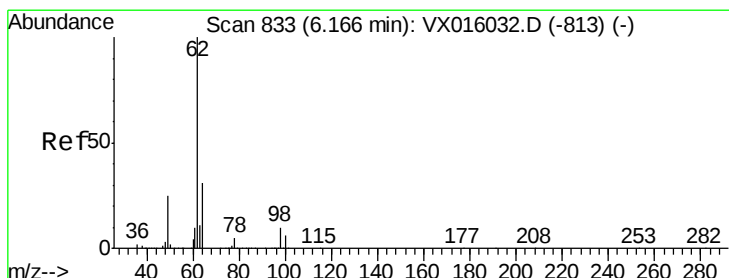
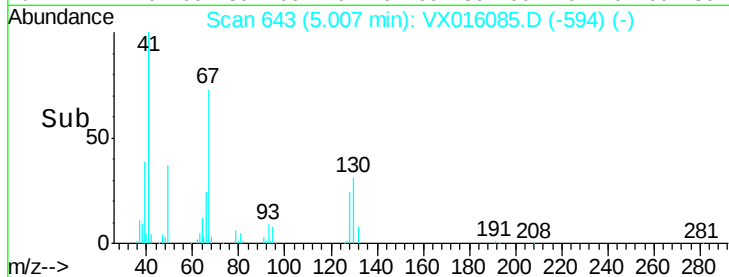
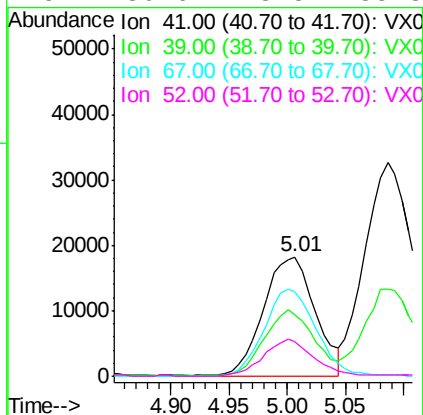
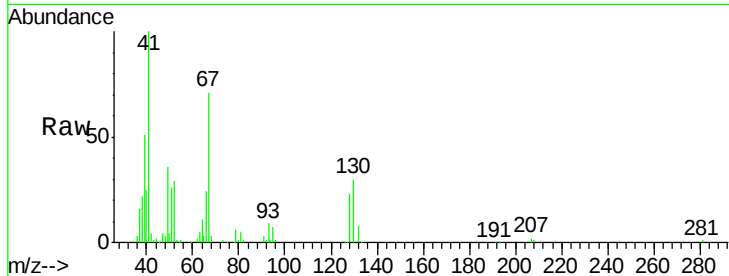
ClientSampleId :

VX0507WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		55995		
39	53.9	43.2	64.8		
67	74.0	59.3	88.9		
52	30.6	23.5	35.3		

Manual Integrations
APPROVED

MMDadoda
5/8/2020 11:51:22 AM



#42

1,2-Dichloroethane

Concen: 18.680 ug/l

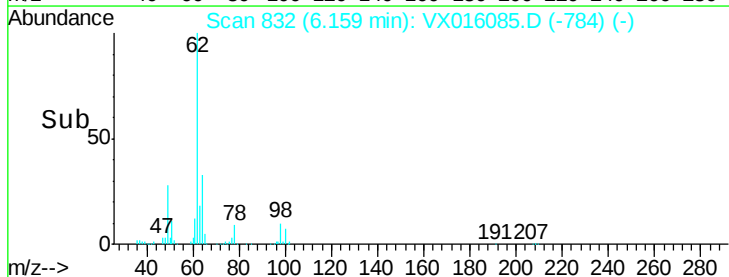
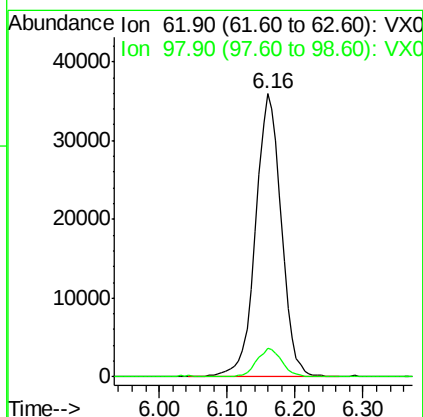
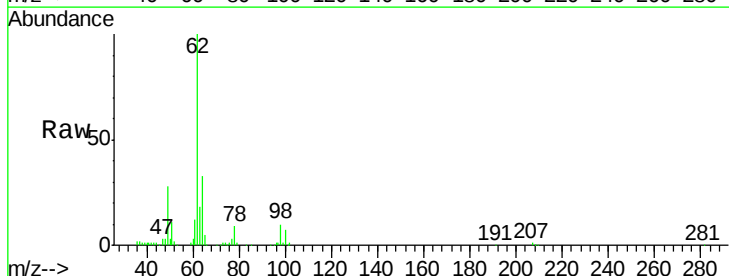
RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		95418		
98	9.8	0.0	19.4		





#43

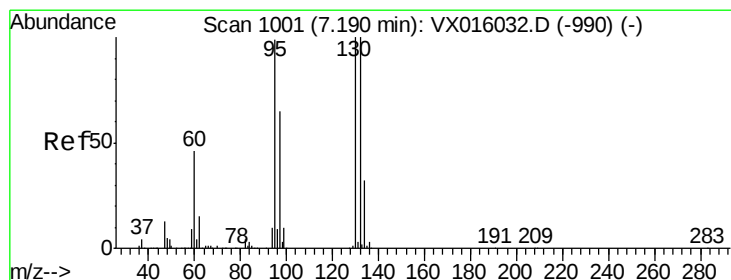
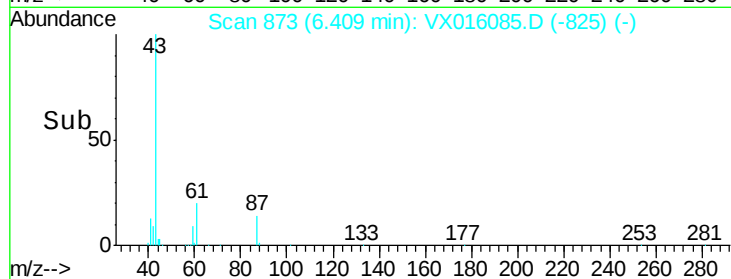
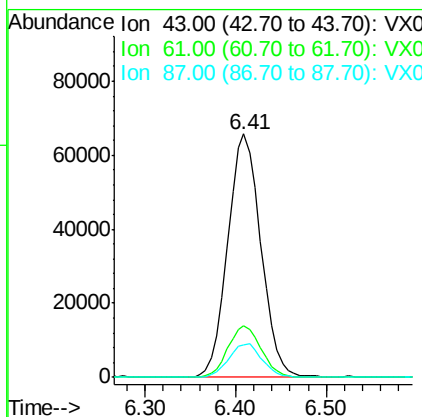
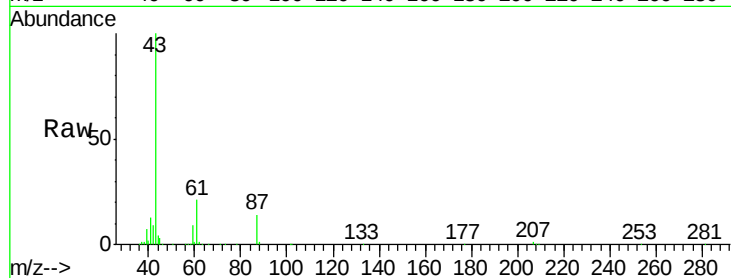
Isopropyl Acetate
 Concen: 18.455 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016085.D
 Acq: 07 May 2020 11:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS01

Tot Ion	Ratio	Resp	Lower	Upper
43	100	165398		
61	21.4		17.0	25.4
87	13.9		11.0	16.6

Manual Integrations
 APPROVED

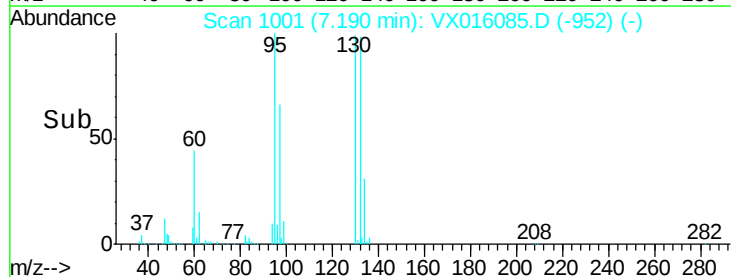
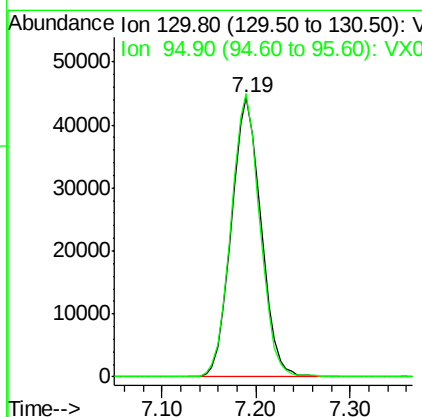
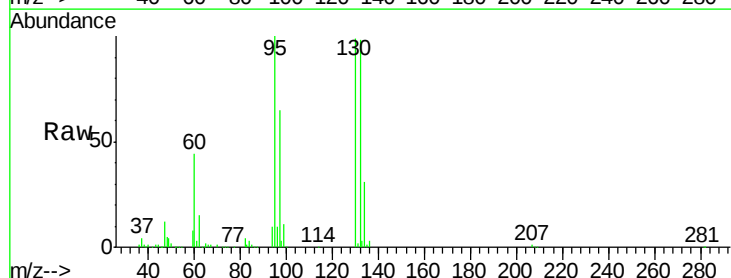
MMDadoda
 5/8/2020 11:51:22 AM

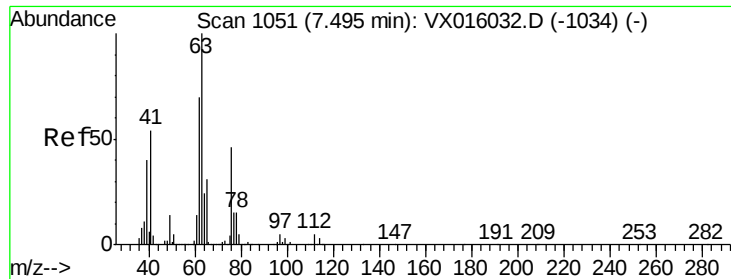


#44

Trichloroethene
 Concen: 19.236 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016085.D
 Acq: 07 May 2020 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
130	100	96904		
95	101.4		0.0	197.4





#45

1,2-Dichloropropane

Concen: 19.591 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS01

Tot Ion: 63 Resp: 70293

Ion Ratio Lower Upper

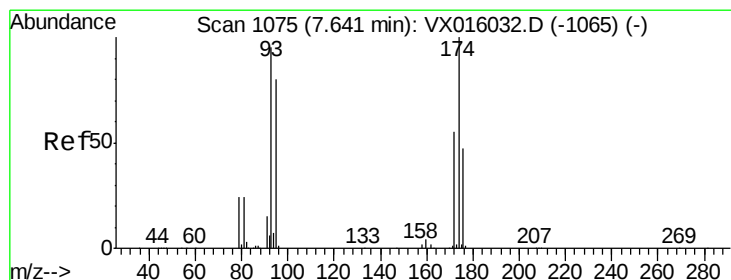
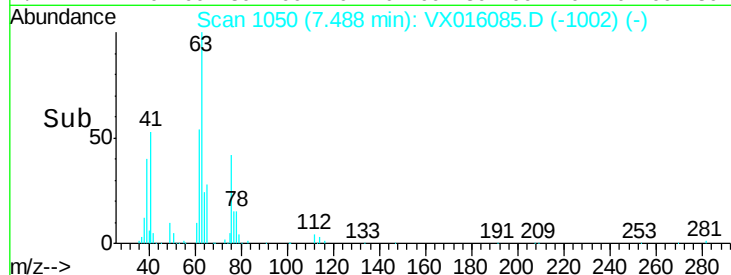
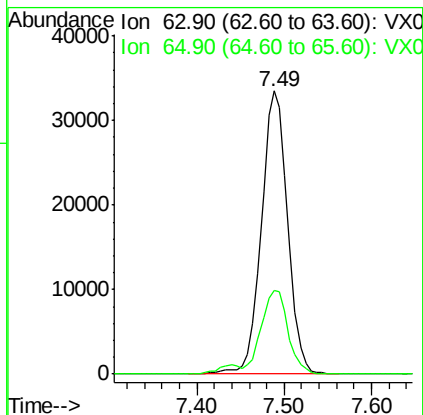
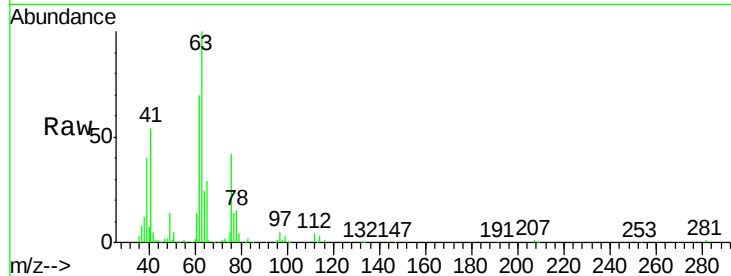
63 100

65 29.4 24.4 36.6

Manual Integrations
APPROVED

MMDadoda

5/8/2020 11:51:22 AM



#46

Dibromomethane

Concen: 18.818 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

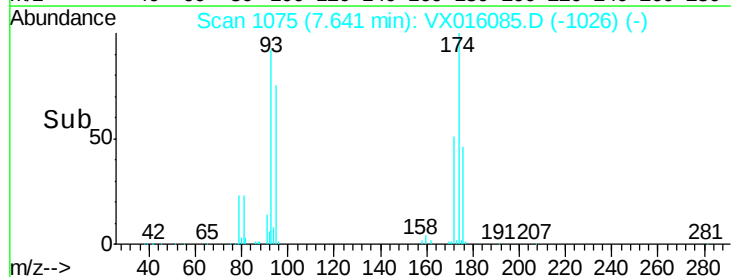
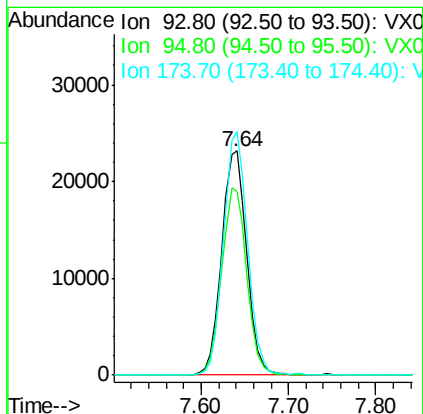
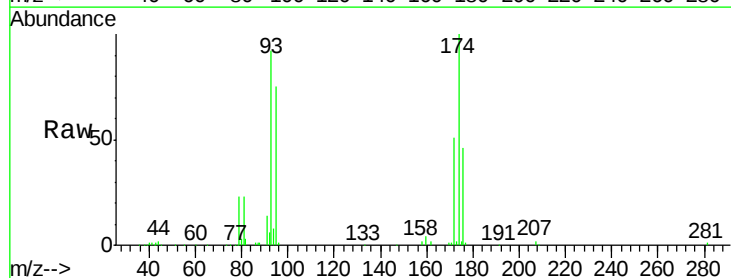
Tgt Ion: 93 Resp: 45885

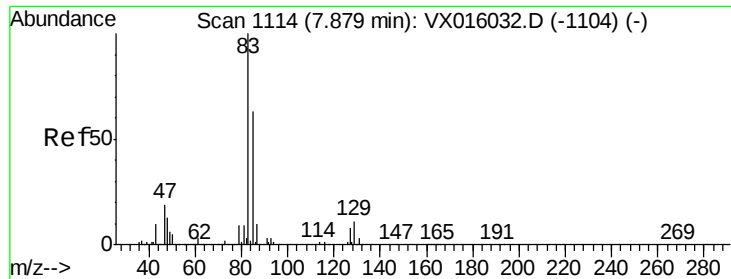
Ion Ratio Lower Upper

93 100

95 83.4 66.6 100.0

174 104.7 84.2 126.4





#47

Bromodichloromethane

Concen: 18.862 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

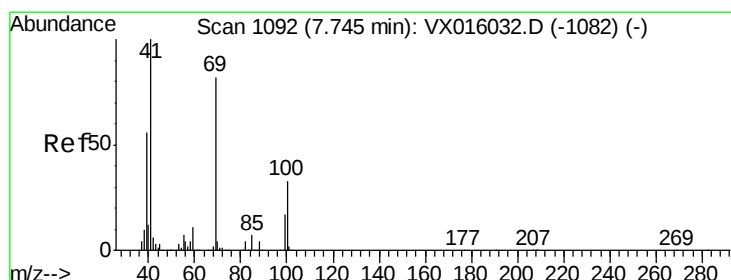
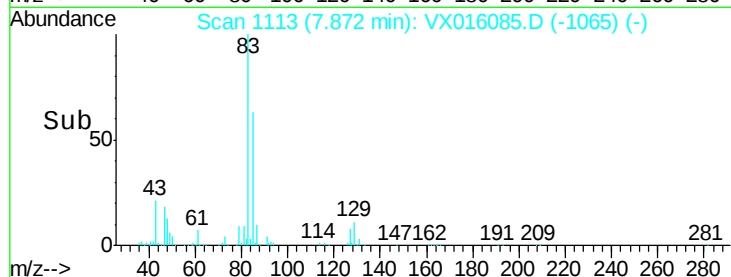
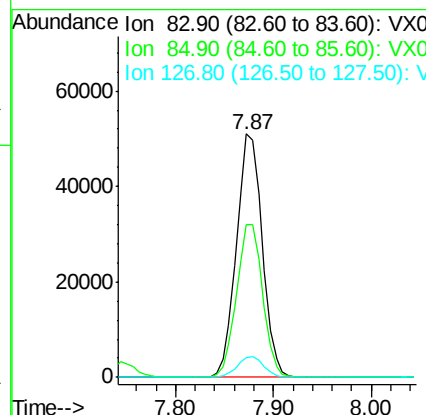
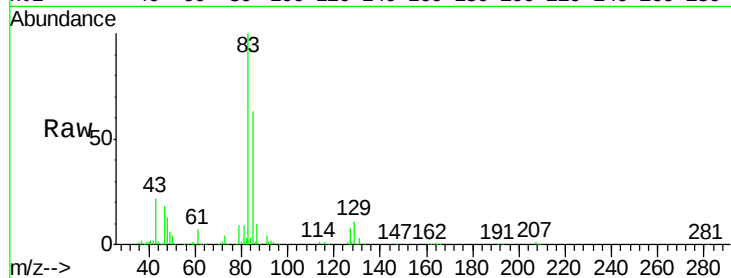
ClientSampleId :

VX0507WBS01

Tot Ion:	83	Resp:	93671
Ion Ratio	Lower	Upper	
83	100		
85	63.0	50.5	75.7
127	8.0	6.7	10.1

Manual Integrations
APPROVED

MMDadoda
5/8/2020 11:51:22 AM



#48

Methyl methacrylate

Concen: 18.120 ug/l

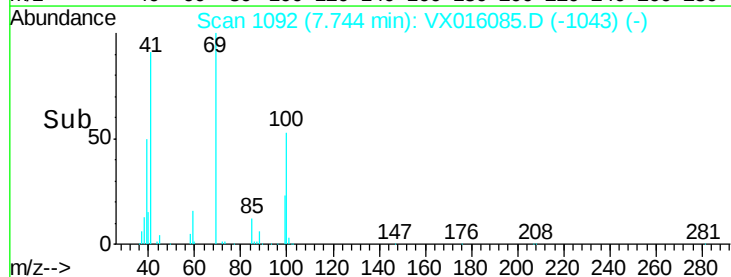
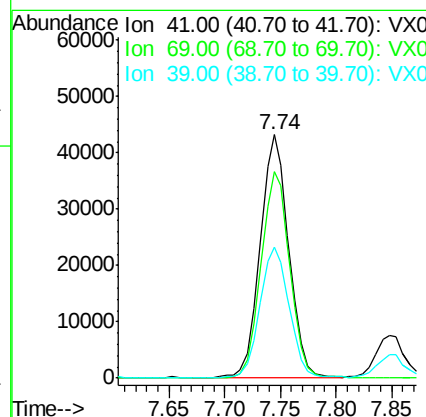
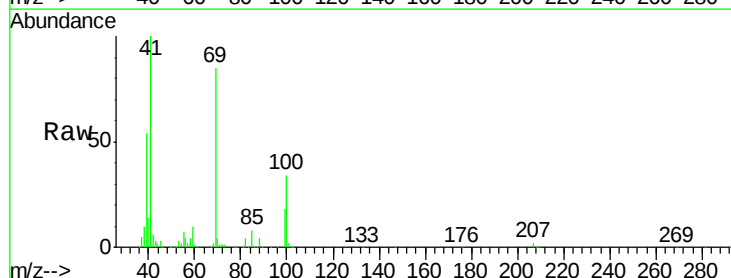
RT: 7.74 min Scan# 1092

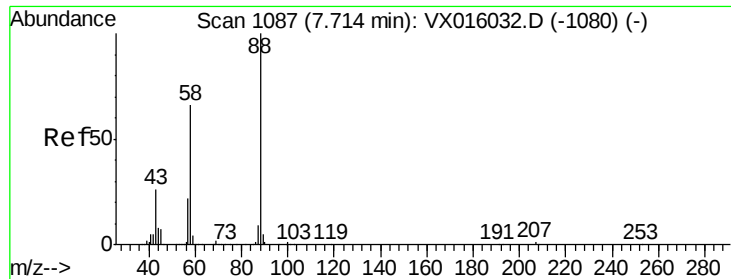
Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Tgt Ion:	41	Resp:	76951
Ion Ratio	Lower	Upper	
41	100		
69	85.7	67.8	101.6
39	54.8	44.6	67.0





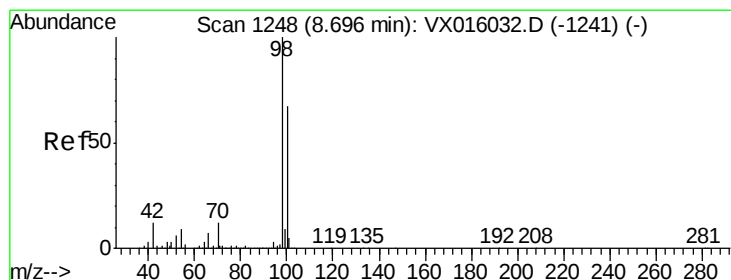
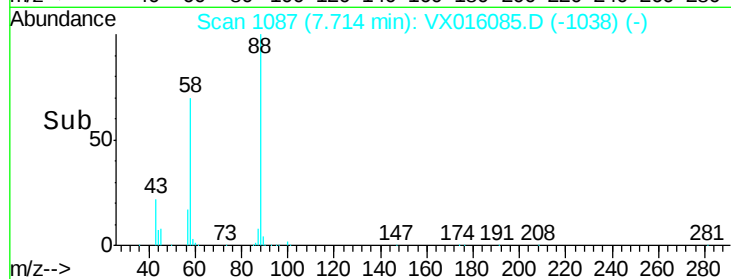
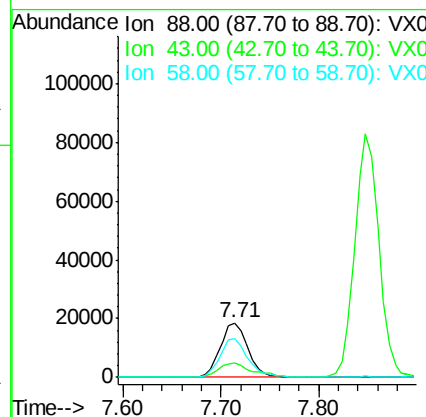
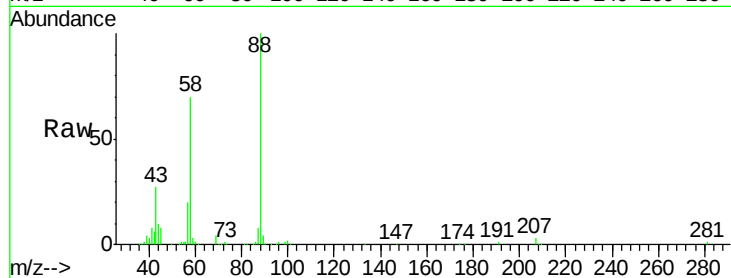
#49
 1,4-Dioxane
 Concen: 358.782 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX016085.D
 Acq: 07 May 2020 11:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.0	25.3	37.9
58	72.2	55.9	83.9

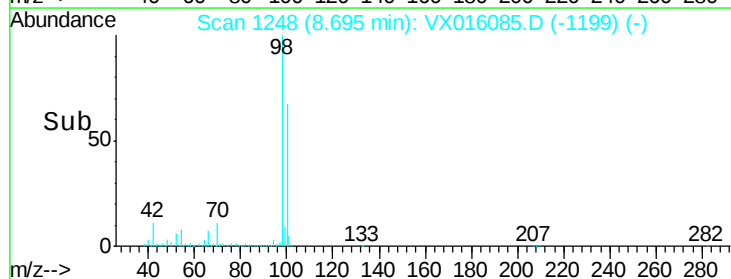
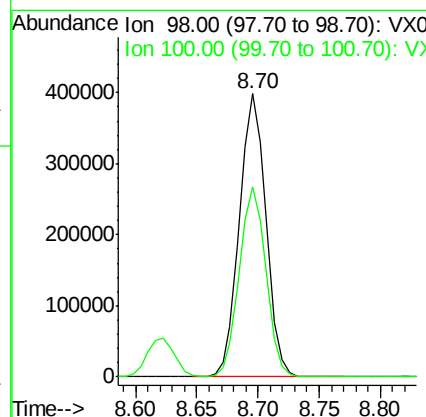
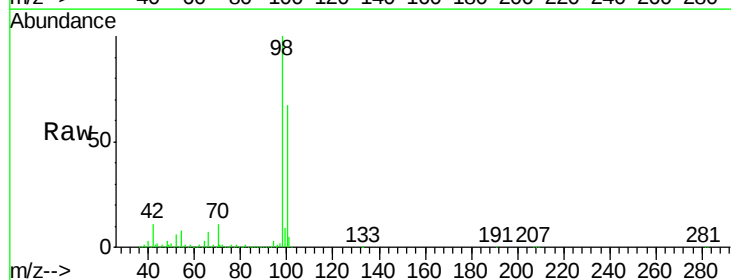
Manual Integrations
 APPROVED

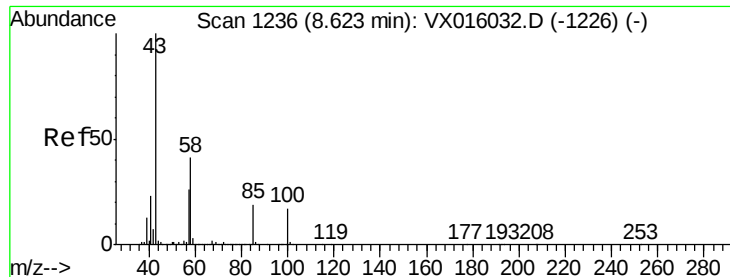
MMDadoda
 5/8/2020 11:51:22 AM



#50
 Toluene-d8
 Concen: 49.638 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX016085.D
 Acq: 07 May 2020 11:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.7	80.5





#51

4-Methyl-2-Pentanone

Concen: 92.862 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

ClientSampled :

VX0507WBS01

Tot Ion: 43 Resp: 509288

Ion Ratio Lower Upper

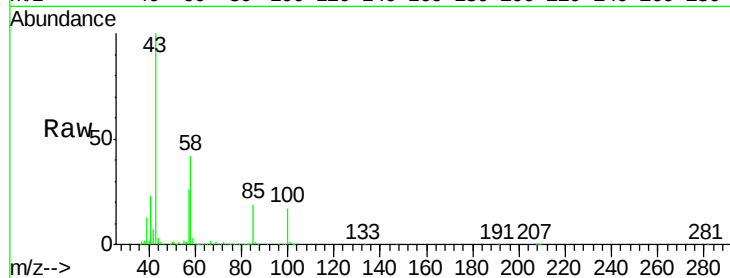
43 100

58 41.4 33.0 49.4

Manual Integrations
APPROVED

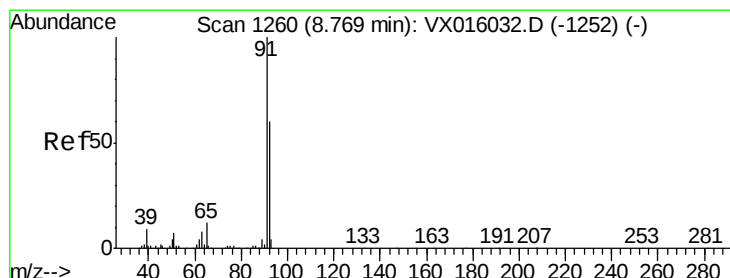
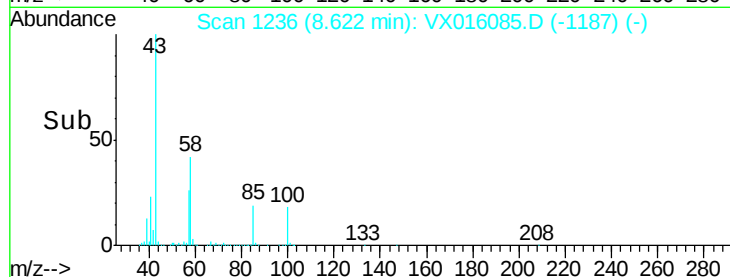
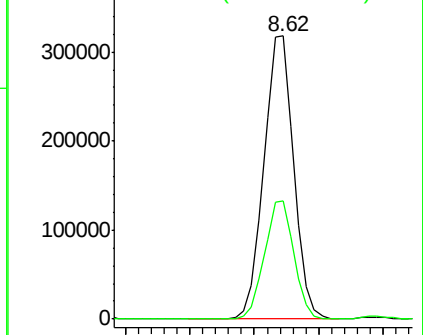
MMDadoda

5/8/2020 11:51:22 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.250 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016085.D

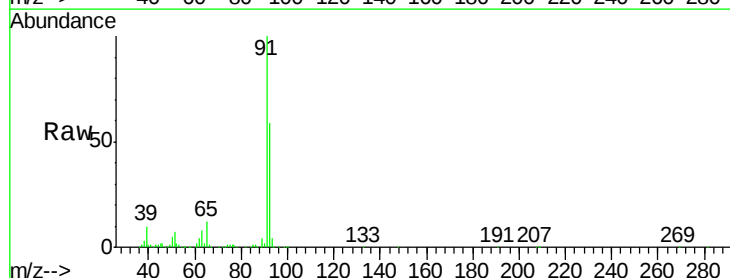
Acq: 07 May 2020 11:01

Tgt Ion: 92 Resp: 170147

Ion Ratio Lower Upper

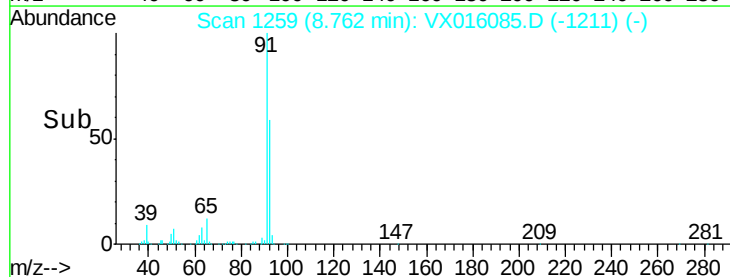
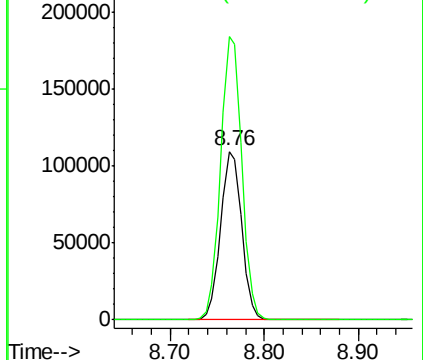
92 100

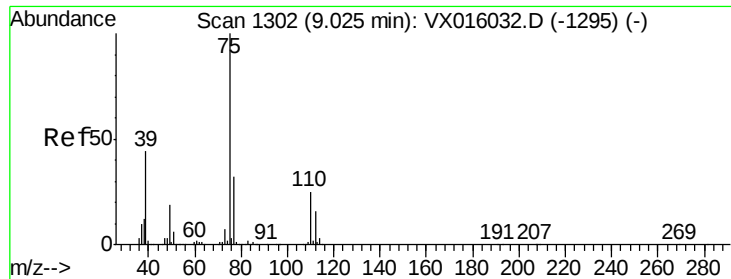
91 169.3 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 18.544 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

ClientSampled :

VX0507WBS01

Tot Ion: 75 Resp: 109798

Ion Ratio Lower Upper

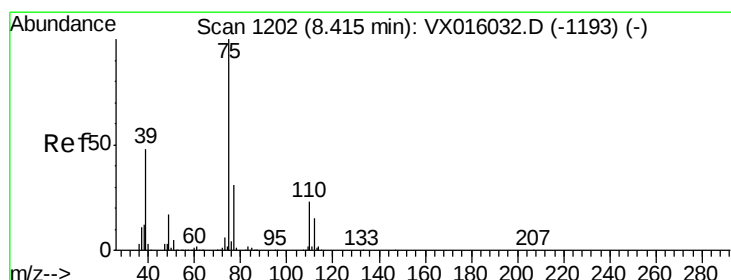
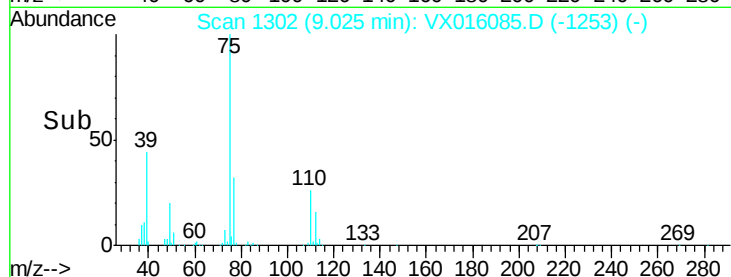
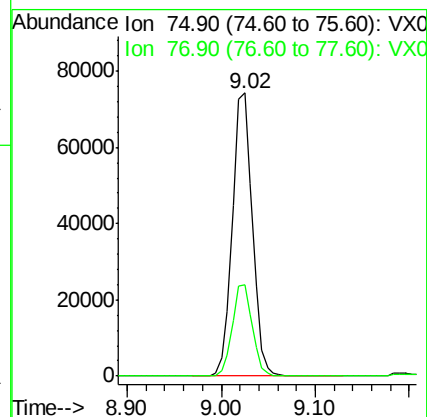
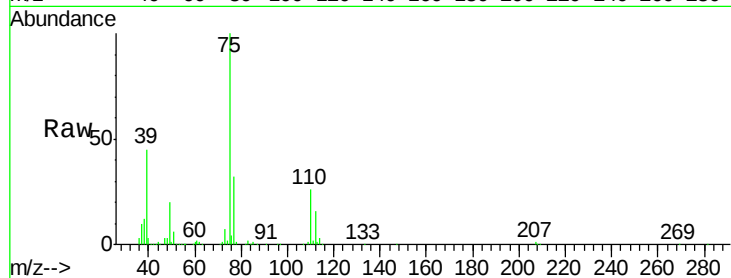
75 100

77 32.4 25.7 38.5

Manual Integrations
APPROVED

MMDadoda

5/8/2020 11:51:22 AM



#54

cis-1,3-Dichloropropene

Concen: 18.772 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

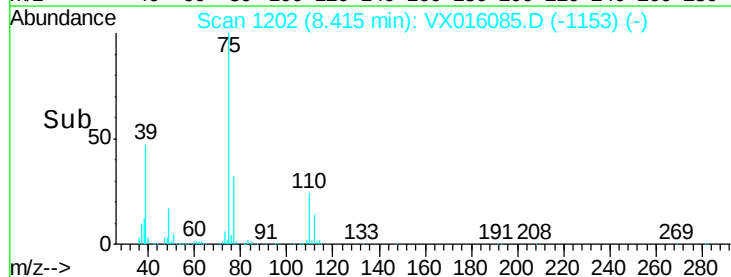
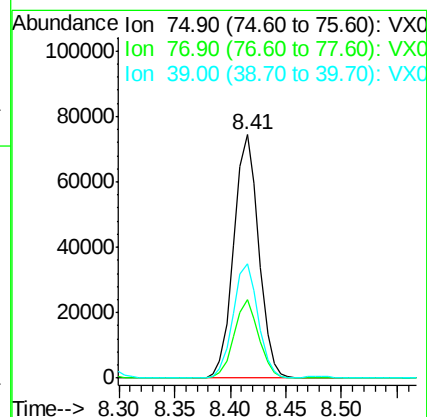
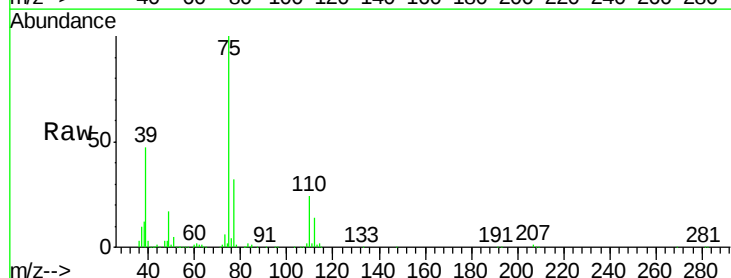
Tgt Ion: 75 Resp: 116095

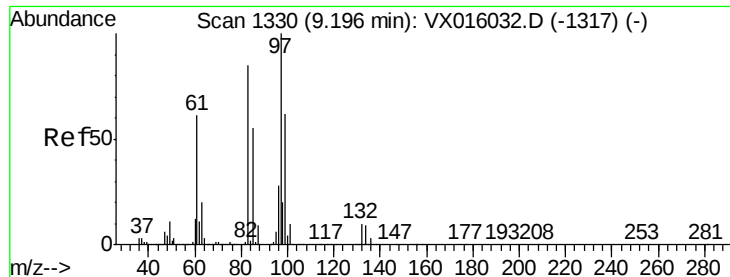
Ion Ratio Lower Upper

75 100

77 32.3 24.7 37.1

39 46.9 38.7 58.1





#55

1,1,2-Trichloroethane

Concen: 19.108 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

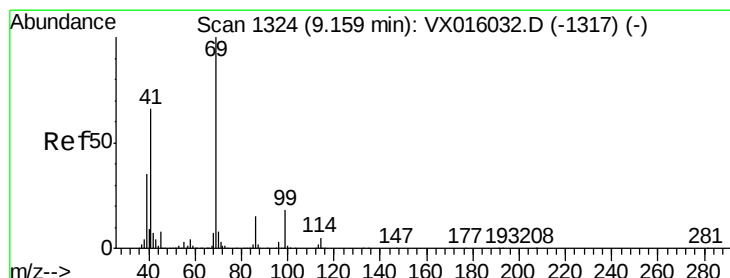
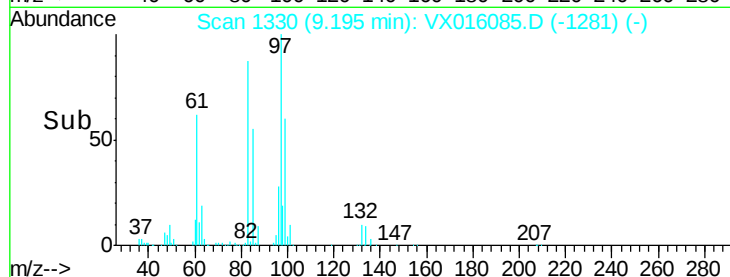
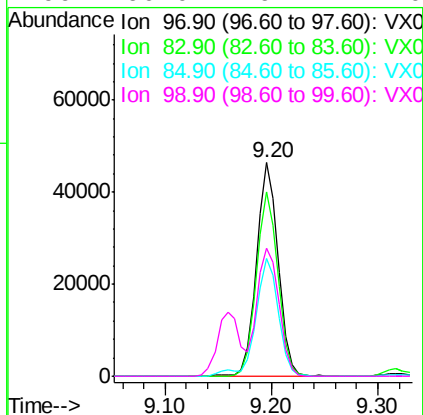
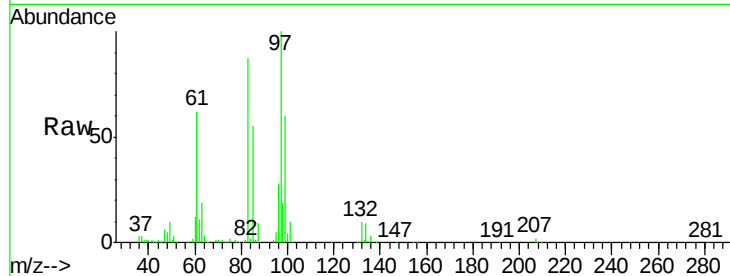
ClientSampleId :

VX0507WBS01

Tot Ion:	97	Resp:	66446
Ion	Ratio	Lower	Upper
97	100		
83	86.6	67.8	101.8
85	55.0	43.8	65.8
99	60.0	49.4	74.0

Manual Integrations
APPROVED

MMDadoda
5/8/2020 11:51:22 AM



#56

Ethyl methacrylate

Concen: 18.777 ug/l

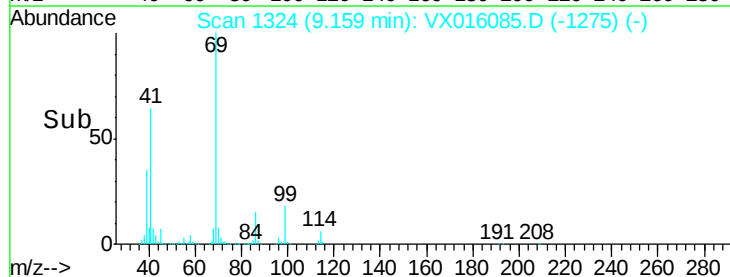
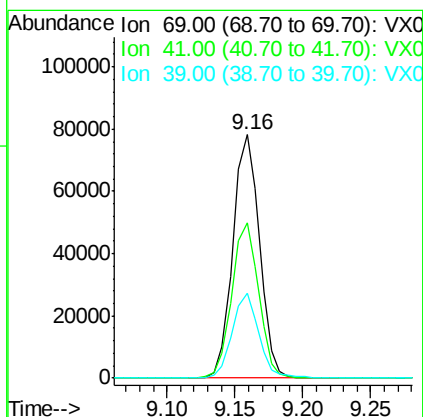
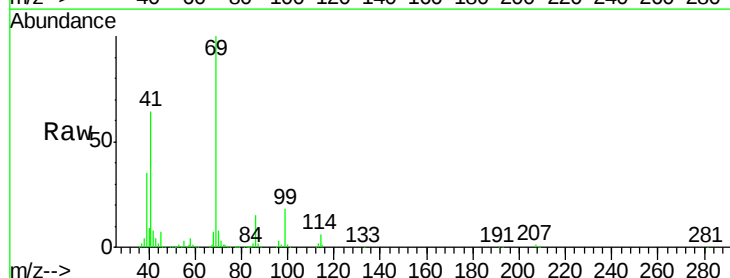
RT: 9.16 min Scan# 1324

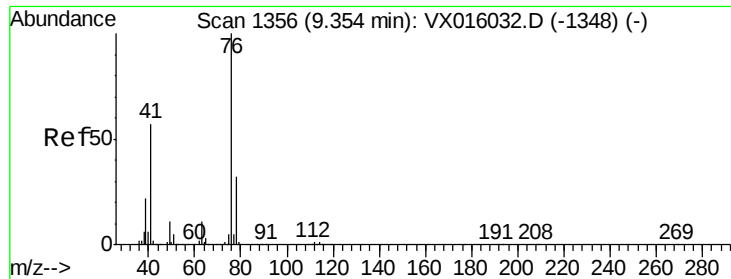
Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Tgt Ion:	69	Resp:	106587
Ion	Ratio	Lower	Upper
69	100		
41	64.1	52.2	78.4
39	34.8	28.2	42.4





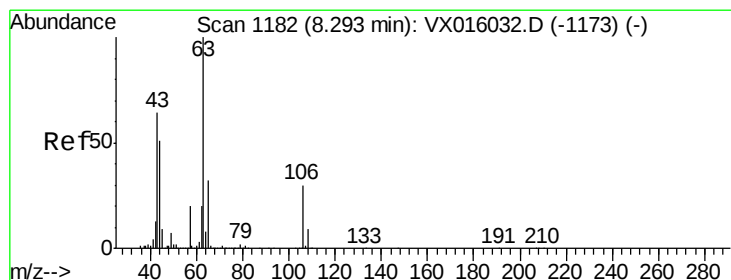
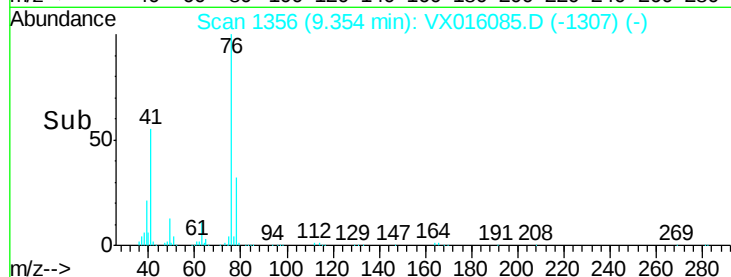
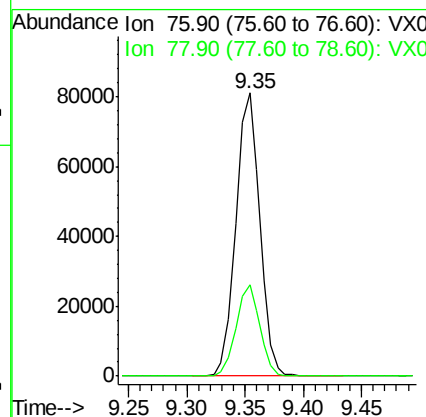
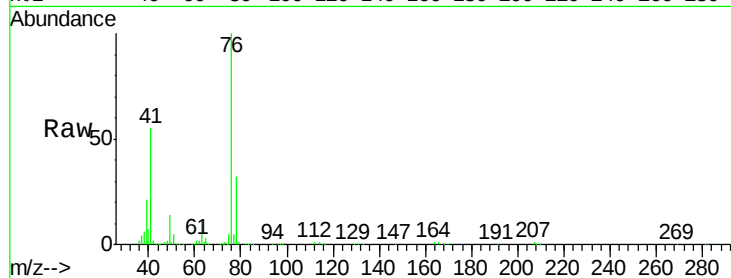
#57
 1,3-Dichloropropane
 Concen: 19.182 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016085.D
 Acq: 07 May 2020 11:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.9	38.9

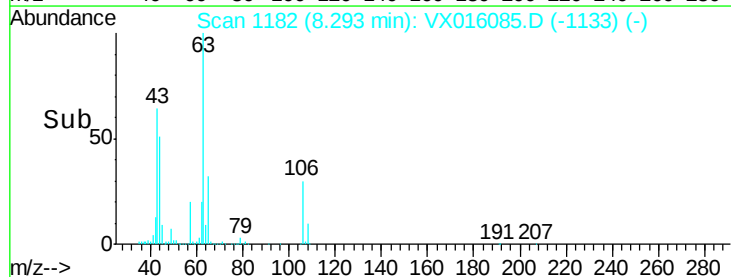
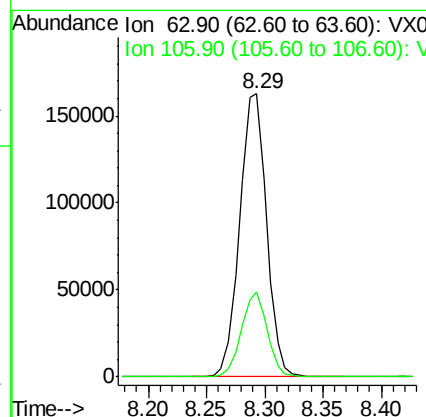
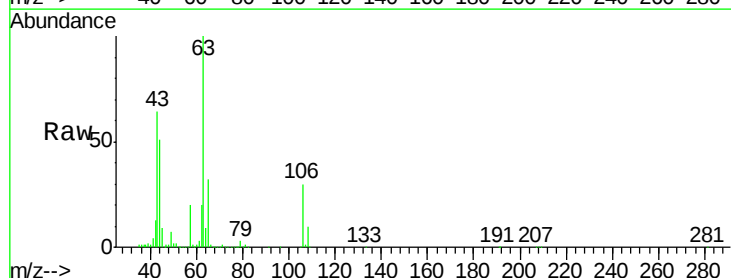
Manual Integrations
 APPROVED

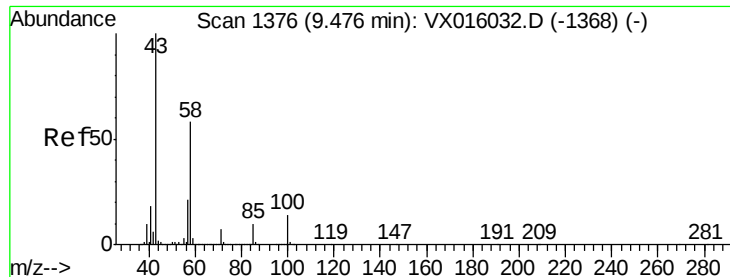
MMDadoda
 5/8/2020 11:51:22 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 86.851 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX016085.D
 Acq: 07 May 2020 11:01

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.9	23.4	35.2





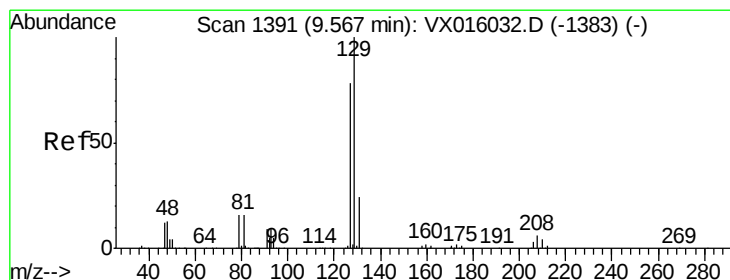
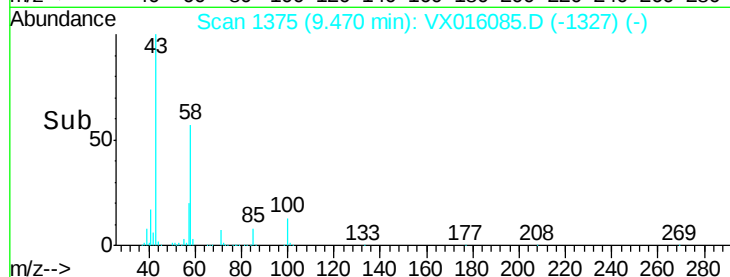
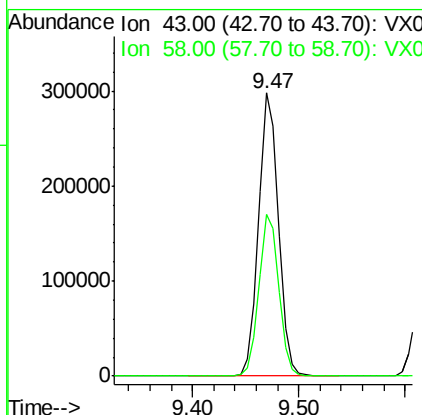
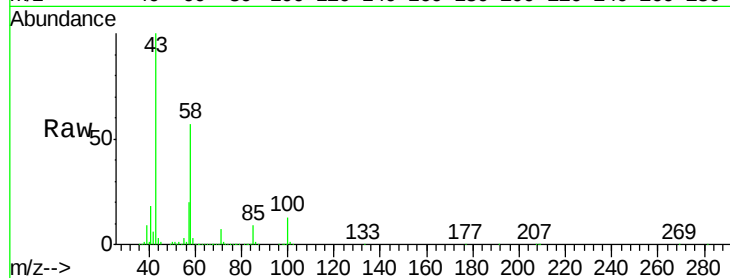
#59
2-Hexanone
Concen: 90.918 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016085.D
Acq: 07 May 2020 11:01

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	57.7	28.6	85.9

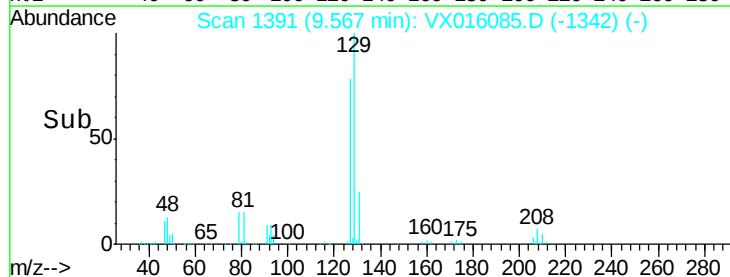
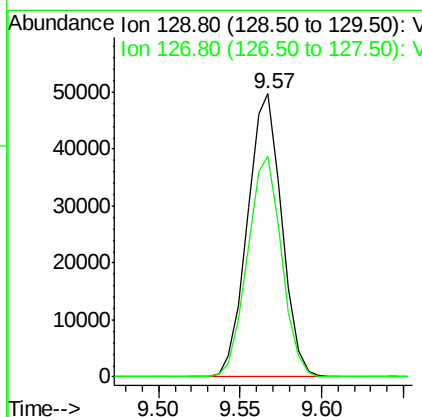
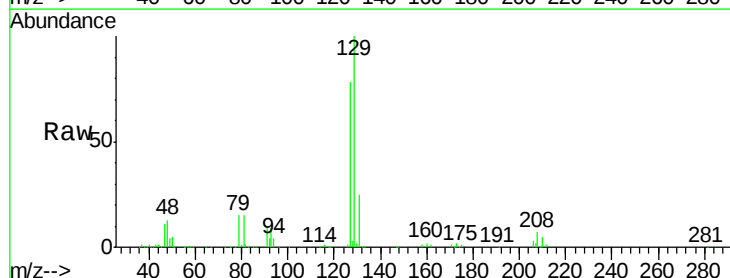
Manual Integrations
APPROVED

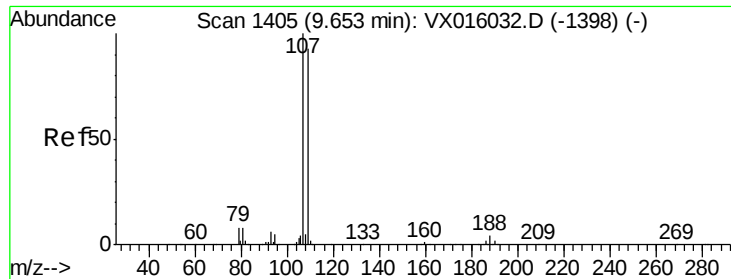
MMDadoda
5/8/2020 11:51:22 AM



#60
Dibromochloromethane
Concen: 18.974 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016085.D
Acq: 07 May 2020 11:01

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.6	38.4	115.2





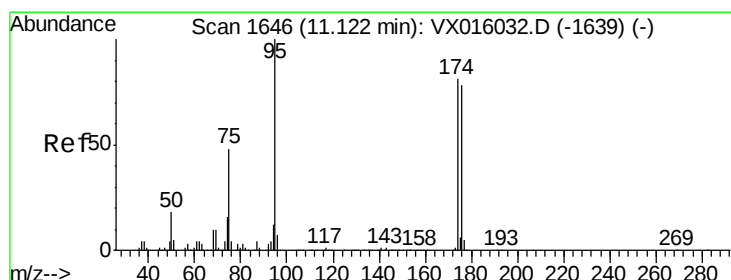
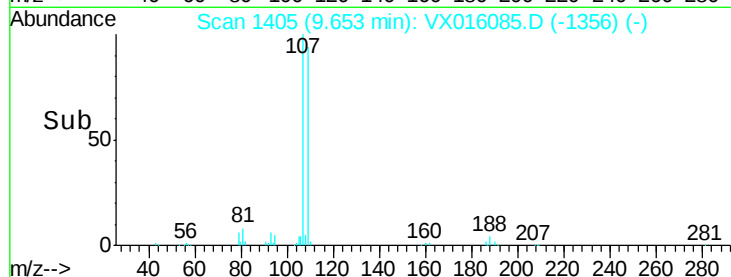
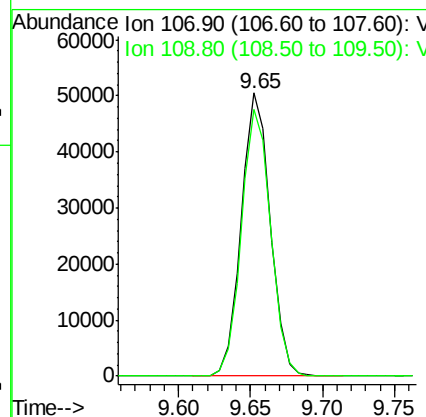
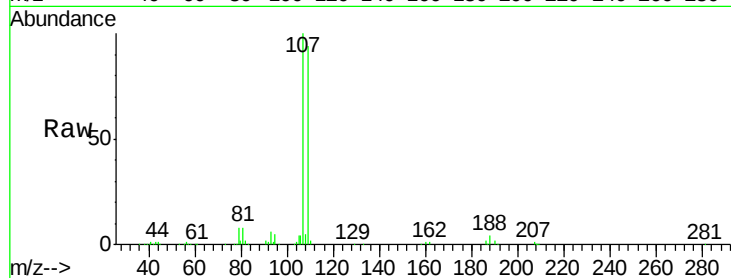
#61
 1,2-Dibromoethane
 Concen: 18.790 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX016085.D
 Acq: 07 May 2020 11:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.3	74.9	112.3

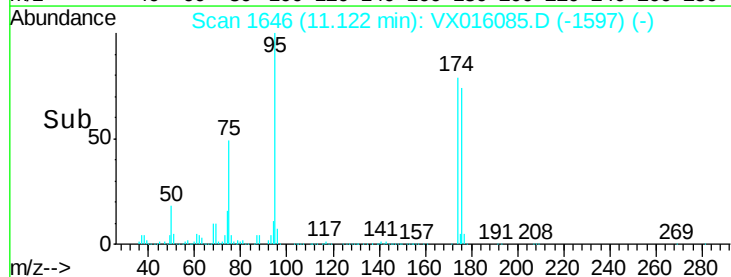
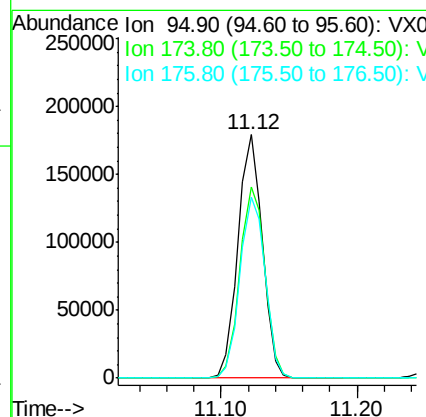
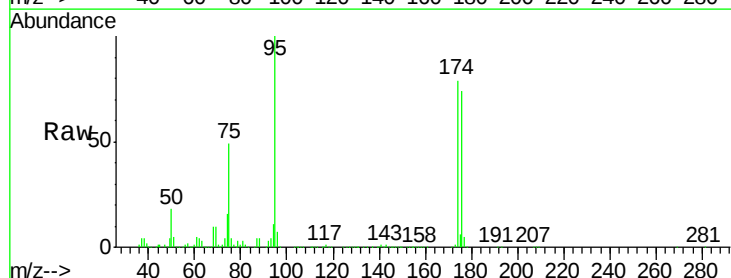
Manual Integrations
 APPROVED

MMDadoda
 5/8/2020 11:51:22 AM



#62
 4-Bromofluorobenzene
 Concen: 48.864 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX016085.D
 Acq: 07 May 2020 11:01

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.8	0.0	159.4
176	77.2	0.0	157.6





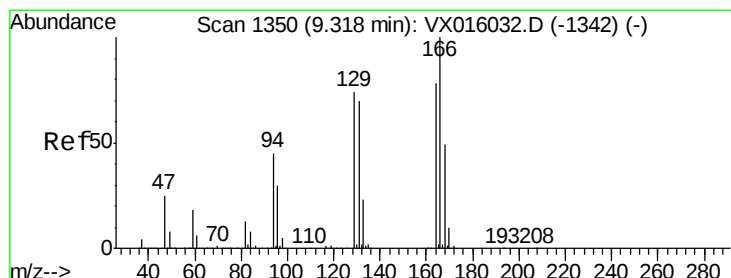
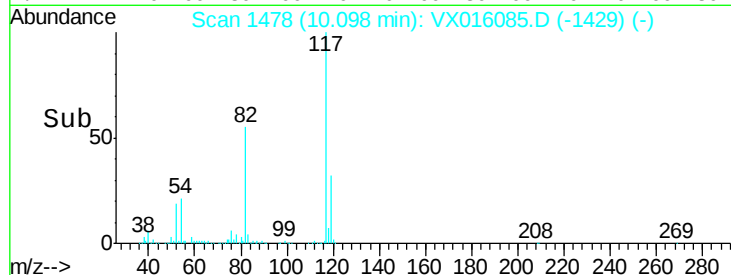
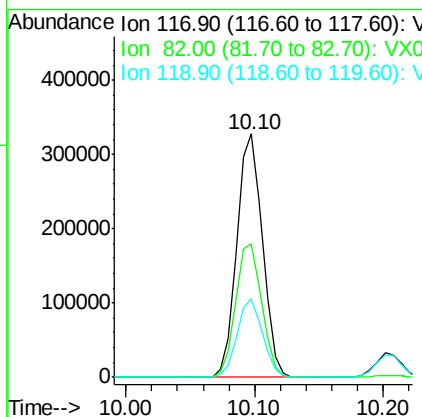
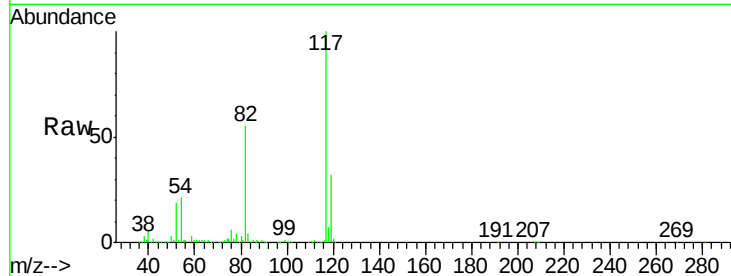
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016085.D
Acq: 07 May 2020 11:01

Instrument :
MSVOA_X
ClientSampled :
VX0507WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	452387		
82	54.9	44.4	66.6	
119	32.1	25.5	38.3	

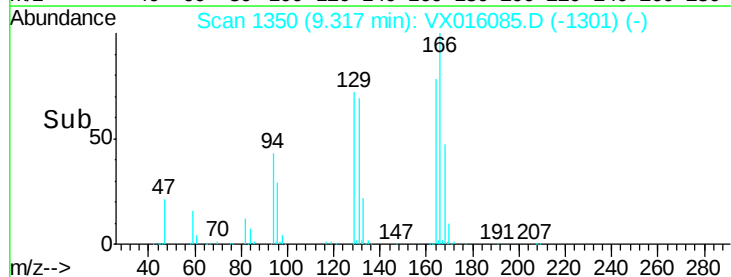
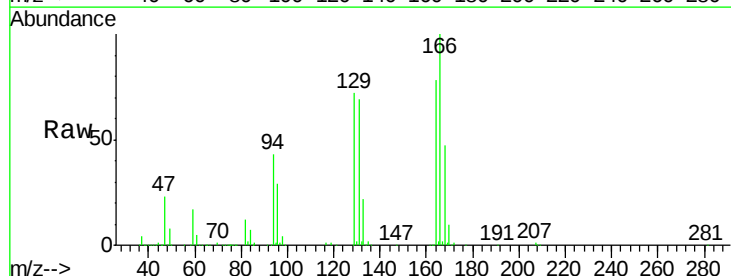
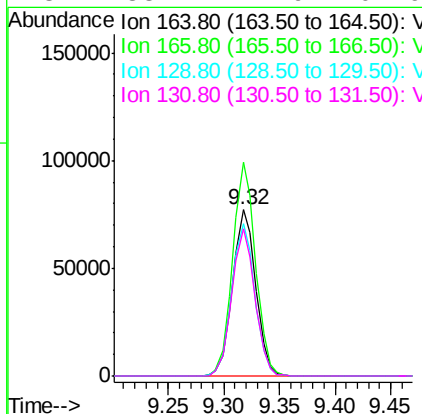
Manual Integrations
APPROVED

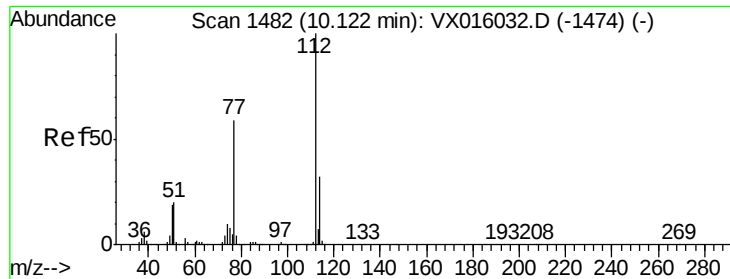
MMDadoda
5/8/2020 11:51:22 AM



#64
Tetrachloroethene
Concen: 19.977 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016085.D
Acq: 07 May 2020 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	110946		
166	128.6	102.9	154.3	
129	92.0	76.1	114.1	
131	88.4	71.9	107.9	





#65

Chlorobenzene

Concen: 18.928 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS01

Tot Ion:112 Resp: 179294

Ion Ratio Lower Upper

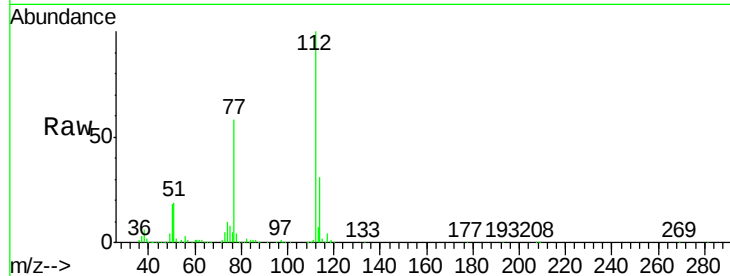
112 100

114 31.0 25.7 38.5

Manual Integrations
APPROVED

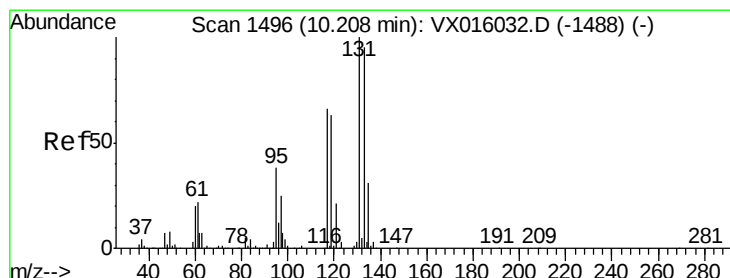
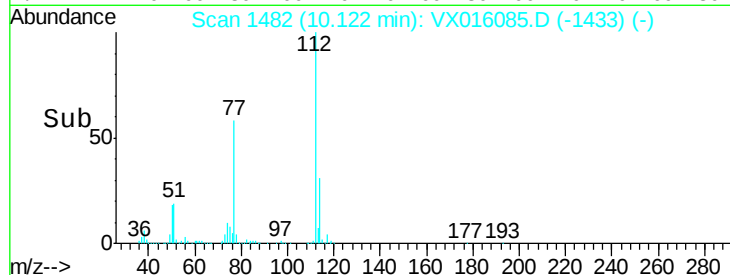
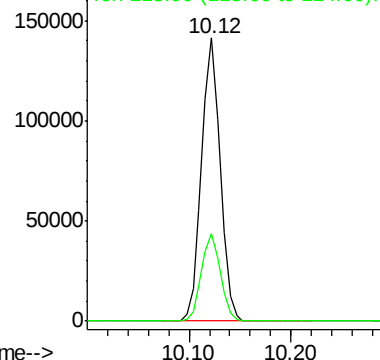
MMDadoda

5/8/2020 11:51:22 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.186 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

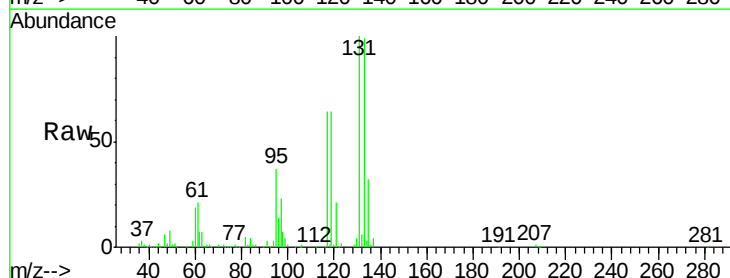
Tgt Ion:131 Resp: 67172

Ion Ratio Lower Upper

131 100

133 96.6 48.3 144.8

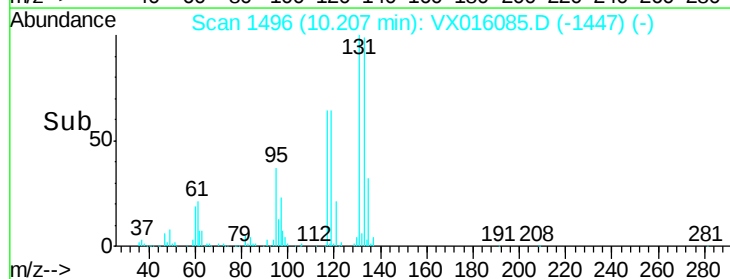
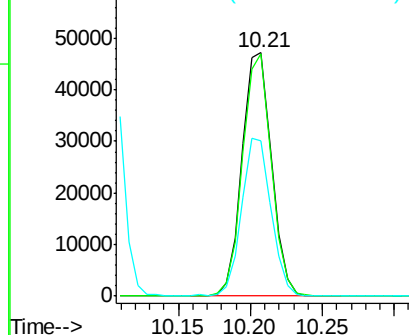
119 64.8 32.3 96.9

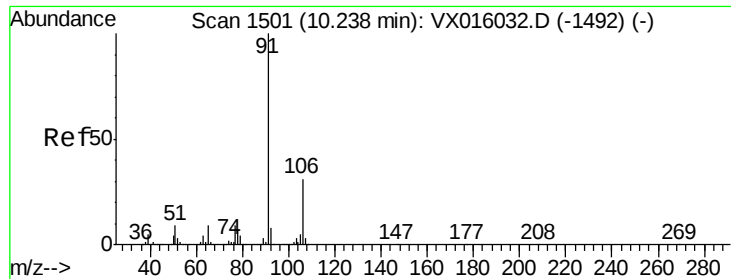


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





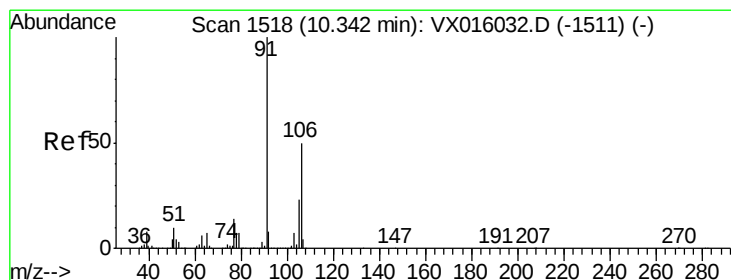
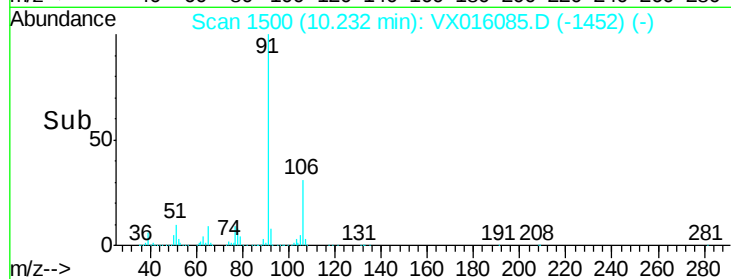
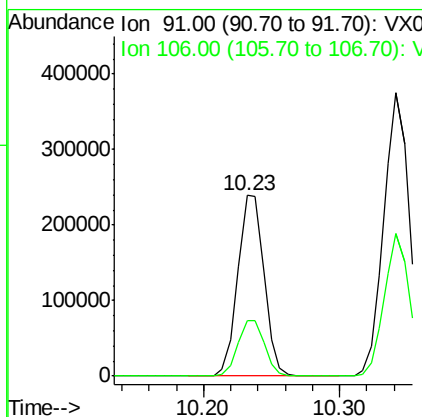
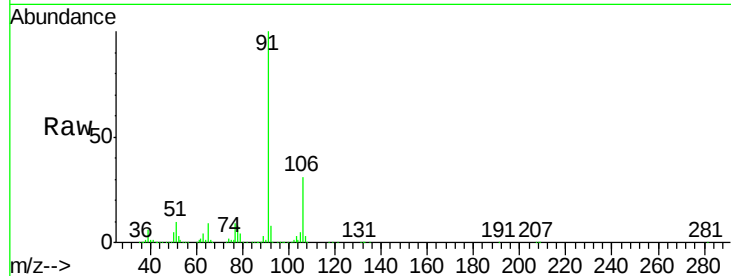
#67
Ethyl Benzene
Concen: 19.118 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX016085.D
Acq: 07 May 2020 11:01

Instrument :
MSVOA_X
ClientSampled :
VX0507WBS01

Tot Ion: 91 Resp: 323119
Ion Ratio Lower Upper
91 100
106 30.6 25.1 37.7

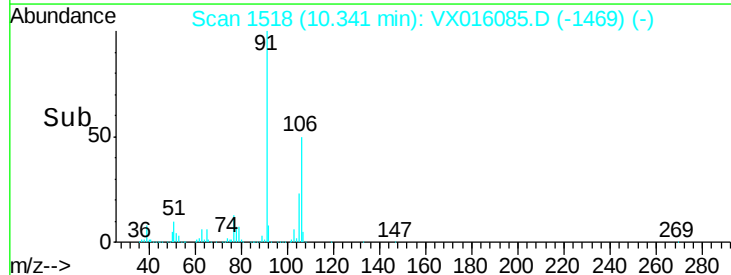
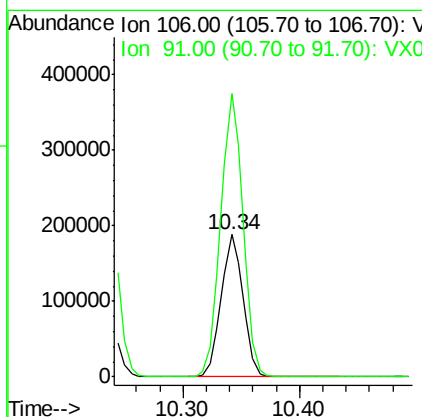
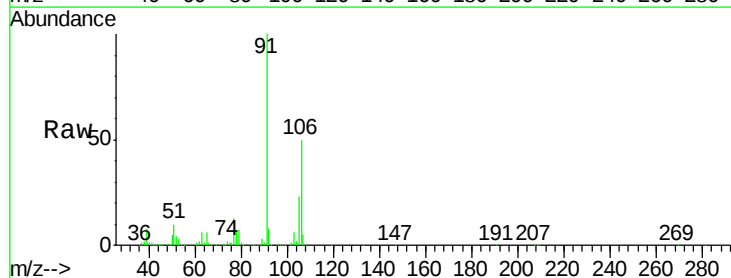
Manual Integrations
APPROVED

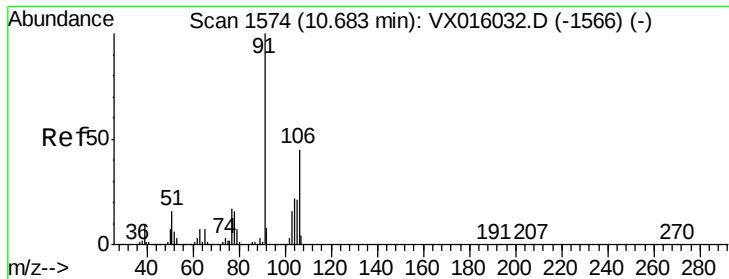
MMDadoda
5/8/2020 11:51:22 AM



#68
m/p-Xylenes
Concen: 38.668 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016085.D
Acq: 07 May 2020 11:01

Tgt Ion: 106 Resp: 244854
Ion Ratio Lower Upper
106 100
91 202.1 161.7 242.5





#69

o-Xylene

Concen: 19.263 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

ClientSampled :

VX0507WBS01

Tot Ion:106 Resp: 117252

Ion Ratio Lower Upper

106 100

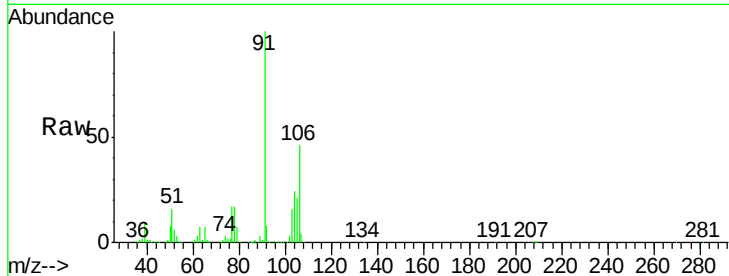
91 212.7 107.5 322.6

Manual Integrations

APPROVED

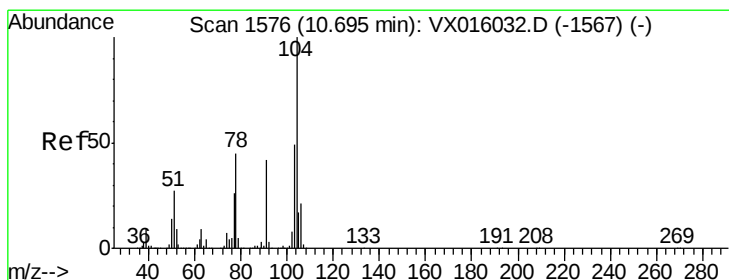
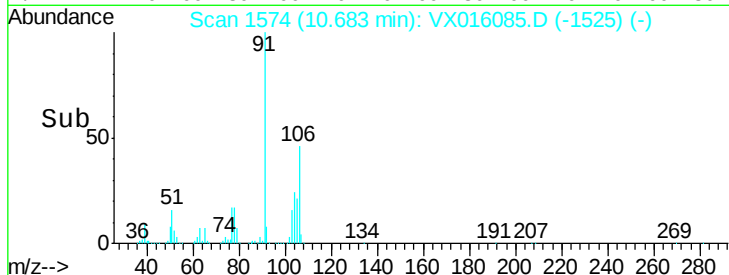
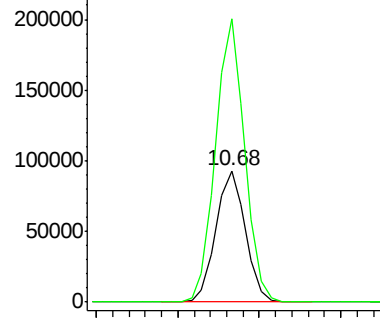
MMDadoda

5/8/2020 11:51:22 AM



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#70

Styrene

Concen: 19.007 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

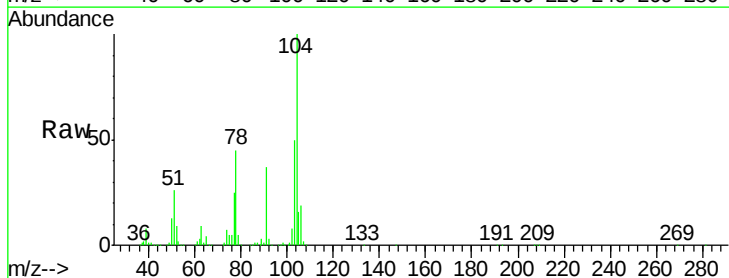
Tgt Ion:104 Resp: 196271

Ion Ratio Lower Upper

104 100

78 50.6 40.2 60.2

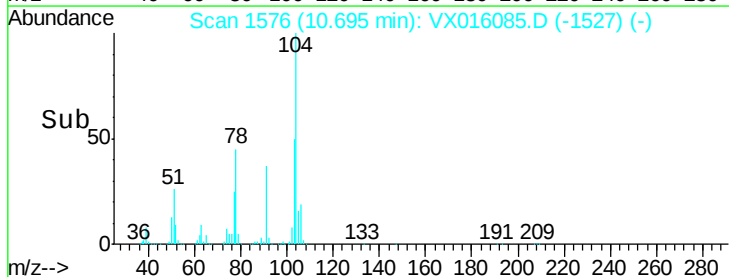
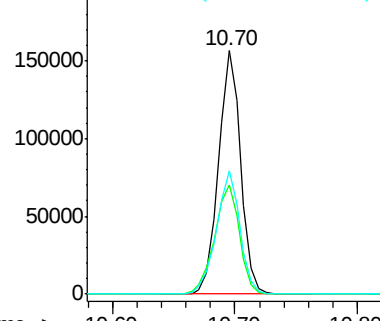
103 54.0 43.0 64.6

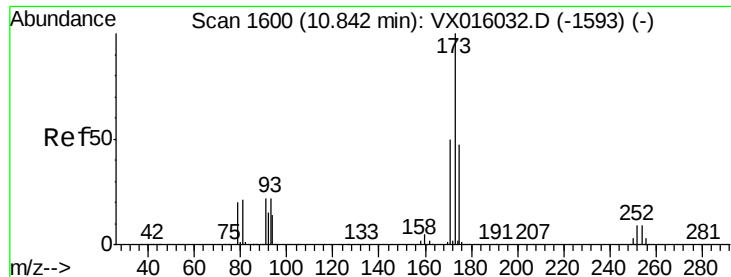


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.410 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

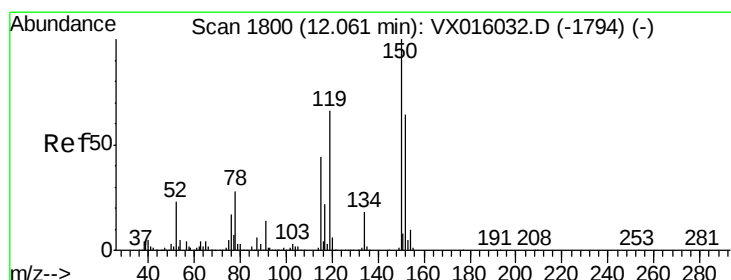
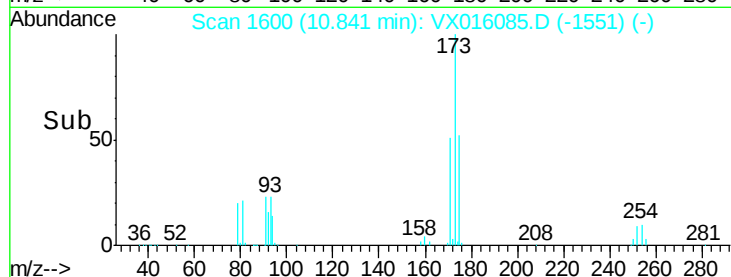
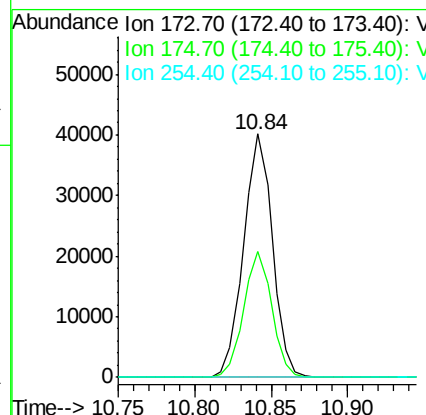
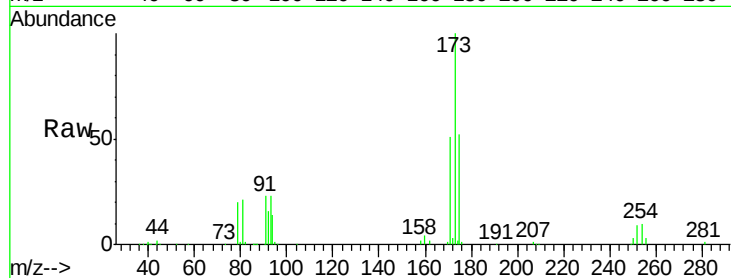
ClientSampled :

VX0507WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.4	24.0	72.0
254	0.0	0.1	0.1

Manual Integrations
APPROVED

MMDadoda
5/8/2020 11:51:22 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

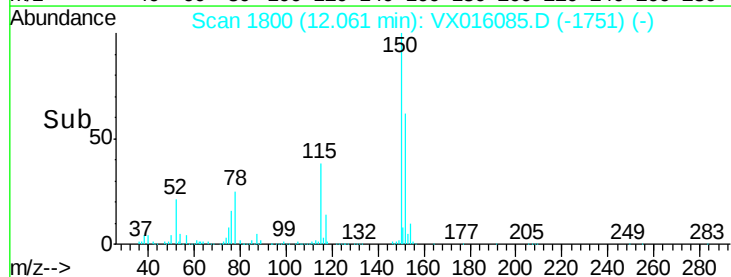
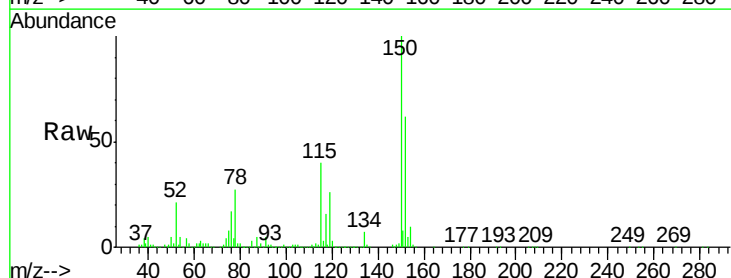
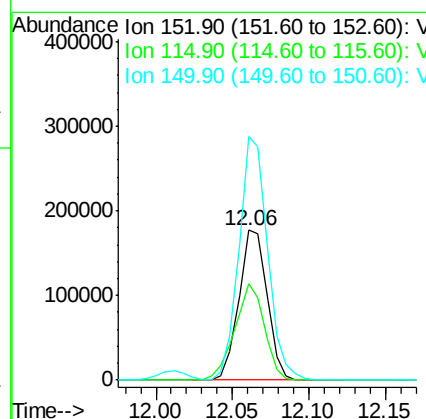
RT: 12.06 min Scan# 1800

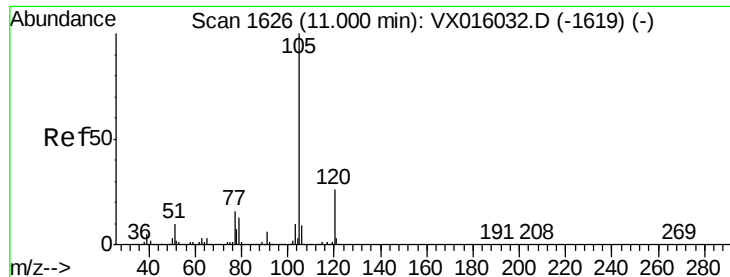
Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	67.3	41.3	124.1
150	165.1	0.0	352.2





#73

Isopropylbenzene

Concen: 19.040 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBS01

Tot Ion: 105 Resp: 312578

Ion Ratio Lower Upper

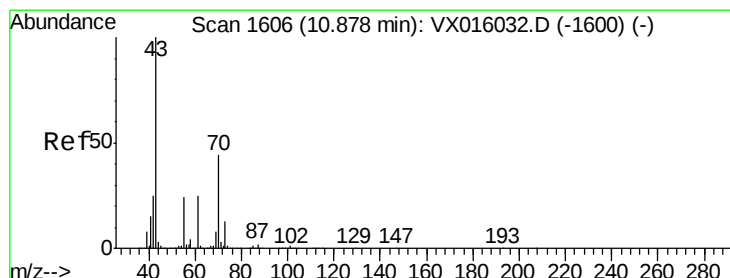
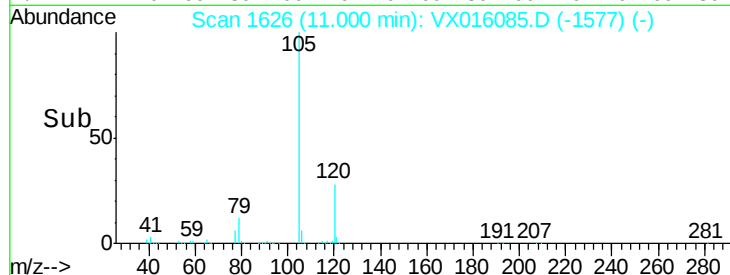
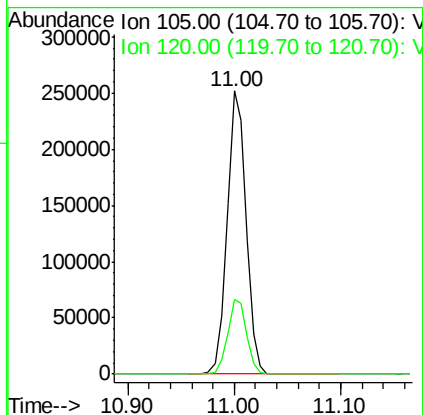
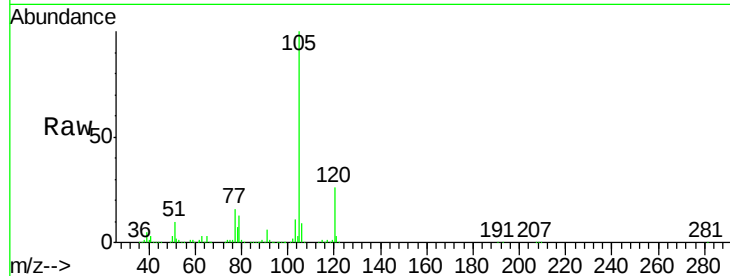
105 100

120 26.5 13.4 40.2

Manual Integrations
APPROVED

MMDadoda

5/8/2020 11:51:22 AM



#74

N-ethyl acetate

Concen: 18.022 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Tgt Ion: 43 Resp: 138005

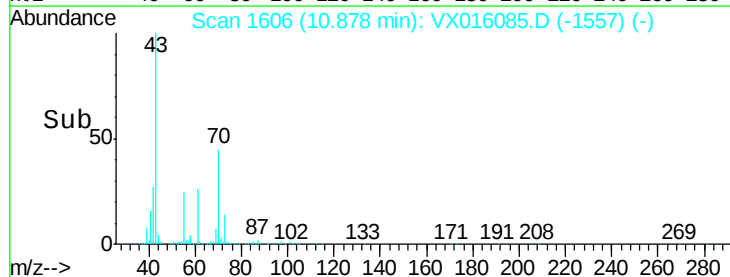
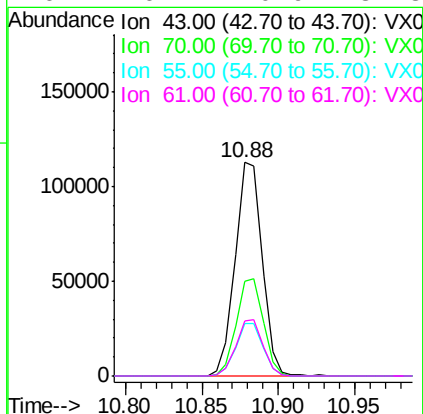
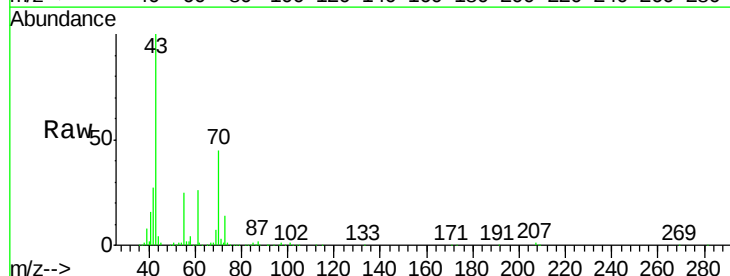
Ion Ratio Lower Upper

43 100

70 45.9 36.5 54.7

55 25.5 19.7 29.5

61 26.2 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 17.562 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

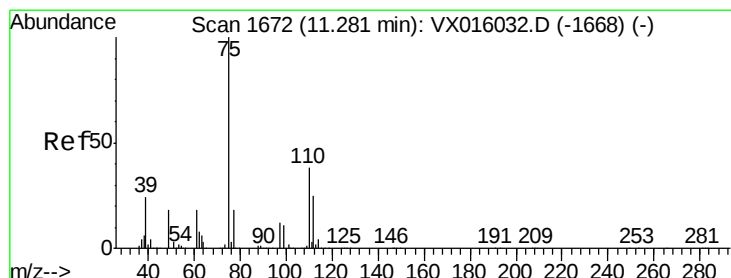
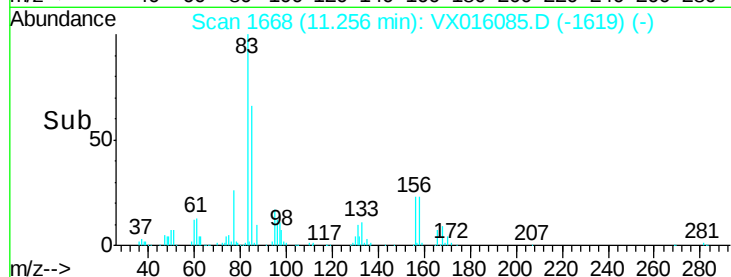
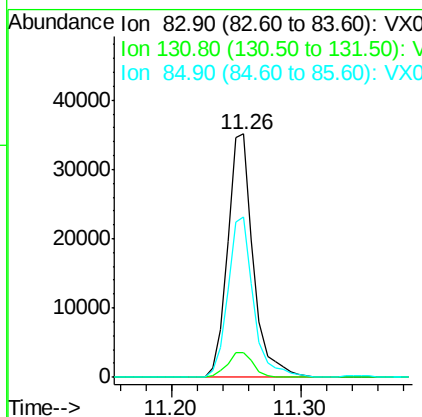
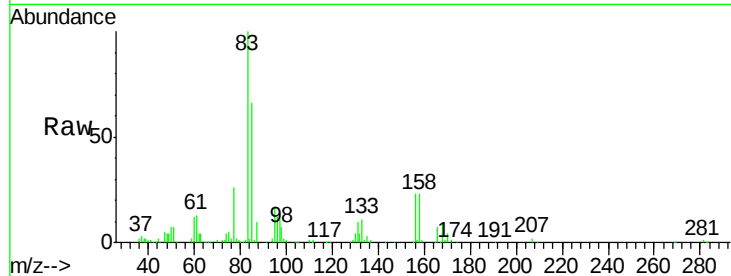
ClientSampleId :

VX0507WBS01

Tot Ion:	83	Resp:	48943
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.1	15.4
85	66.0	32.0	96.0

Manual Integrations
APPROVED

MMDadoda
5/8/2020 11:51:22 AM



#76

1,2,3-Trichloropropane

Concen: 18.584 ug/l m

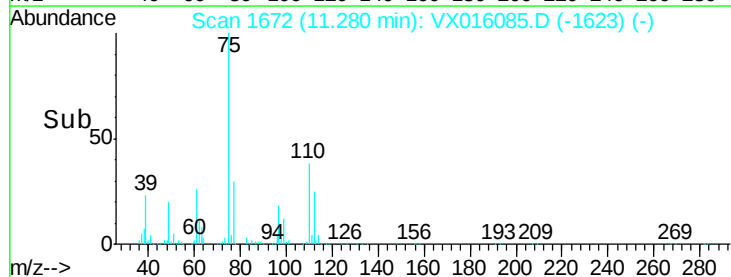
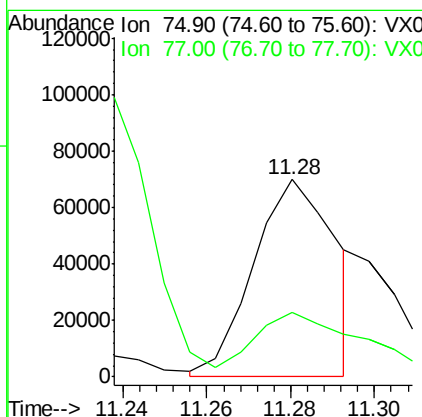
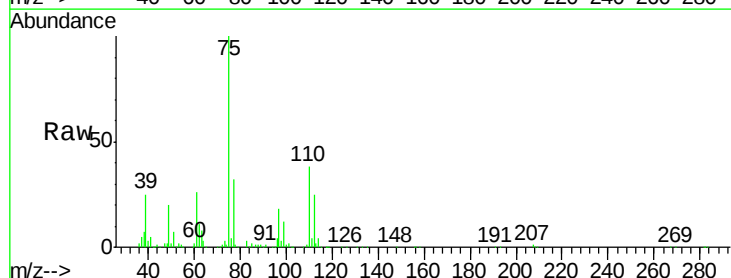
RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Tgt Ion:	75	Resp:	95185
Ion Ratio	Lower	Upper	
75	100		
77	43.1	21.2	63.6





#77

Bromobenzene

Concen: 18.421 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

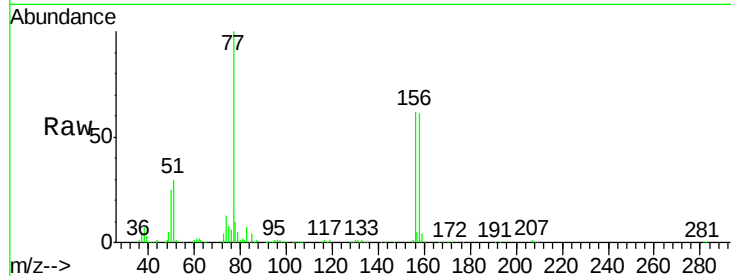
ClientSampled :

VX0507WBS01

Tot Ion:	156	Resp:	78058
Ion Ratio	Lower	Upper	
156	100		
77	162.1	80.1	240.3
158	98.7	49.4	148.2

Manual Integrations
APPROVED

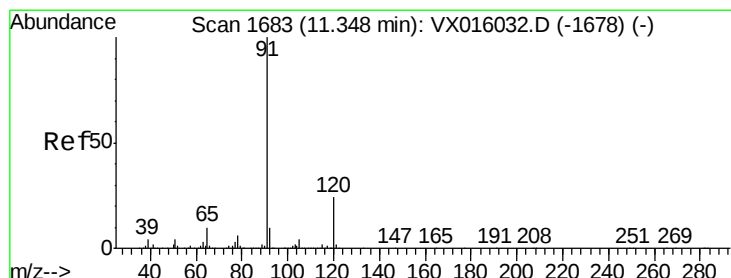
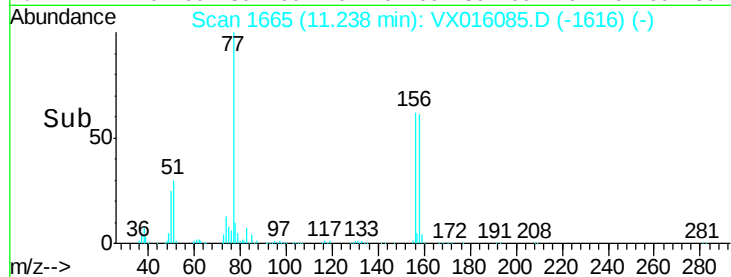
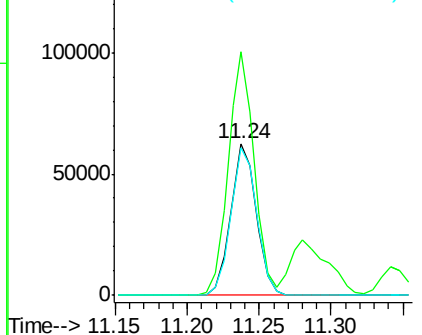
MMDadoda
5/8/2020 11:51:22 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.011 ug/l

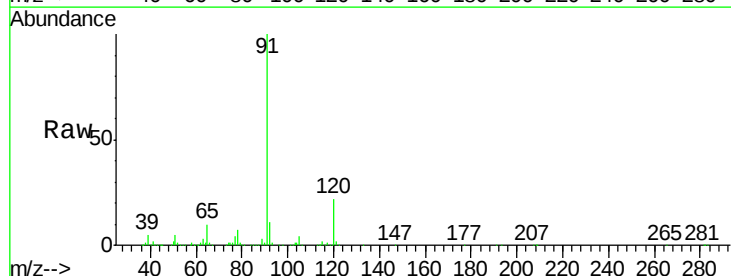
RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016085.D

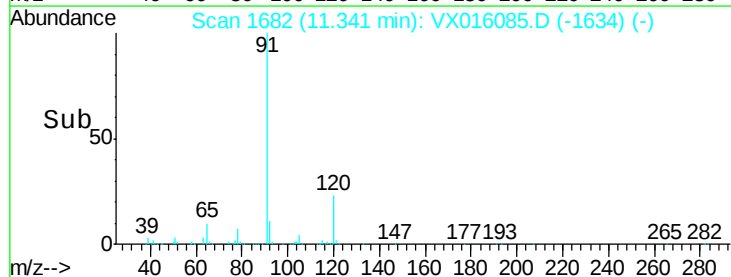
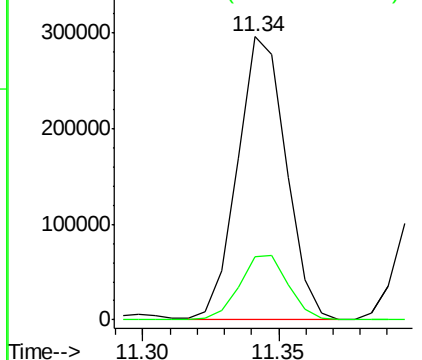
Acq: 07 May 2020 11:01

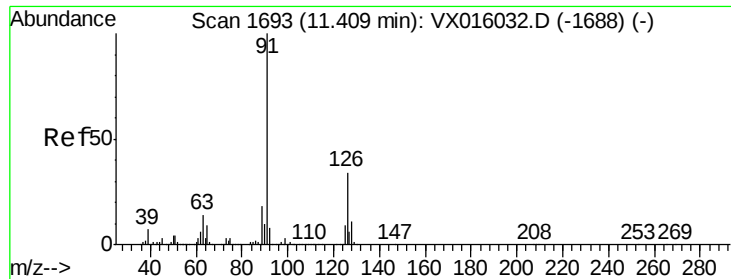
Tgt Ion:	91	Resp:	363097
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.5	34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





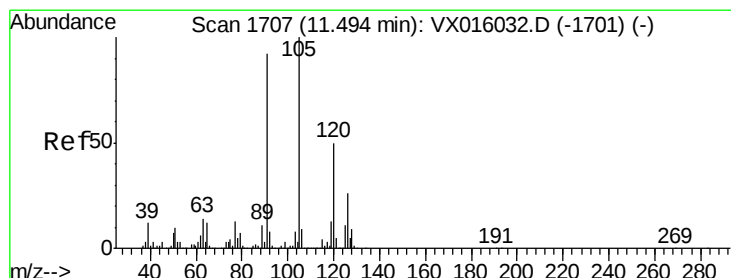
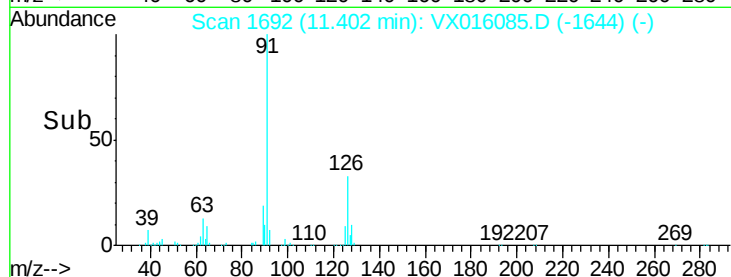
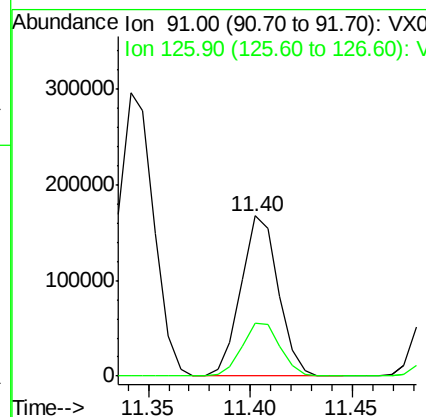
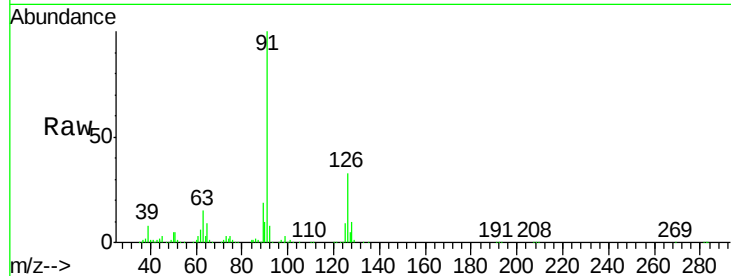
#79
2-Chlorotoluene
Concen: 18.802 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.01 min
Lab File: VX016085.D
Acq: 07 May 2020 11:01

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBS01

Tot Ion: 91 Resp: 211966
Ion Ratio Lower Upper
91 100
126 34.2 16.9 50.6

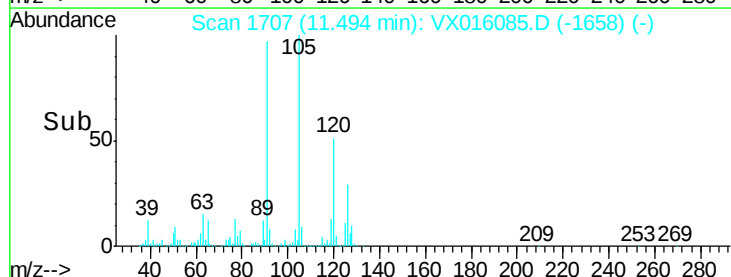
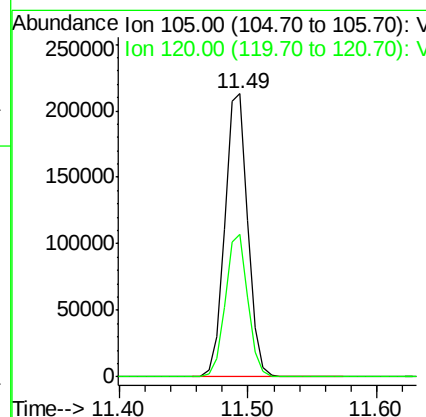
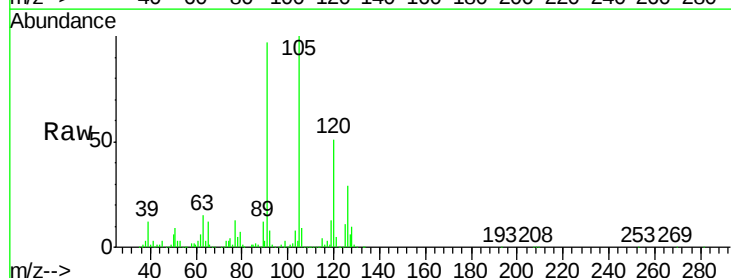
Manual Integrations
APPROVED

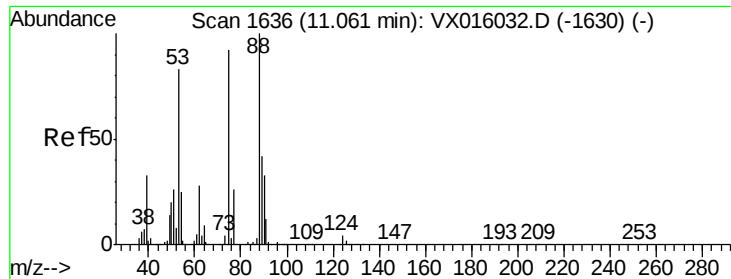
MMDadoda
5/8/2020 11:51:22 AM



#80
1,3,5-Trimethylbenzene
Concen: 19.281 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016085.D
Acq: 07 May 2020 11:01

Tgt Ion: 105 Resp: 267262
Ion Ratio Lower Upper
105 100
120 49.6 24.6 74.0





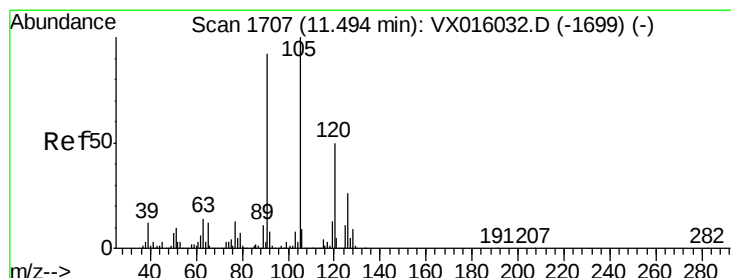
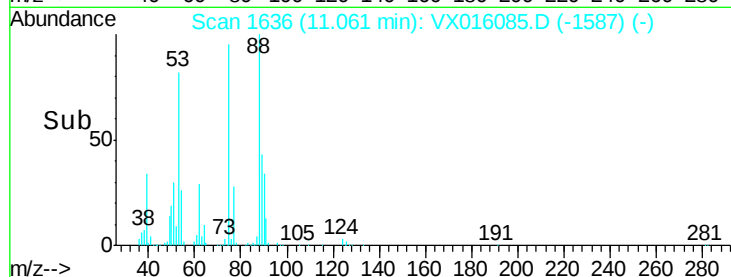
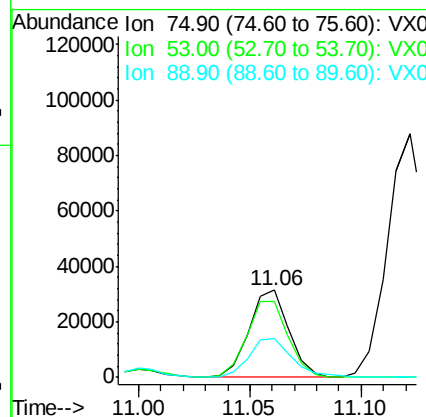
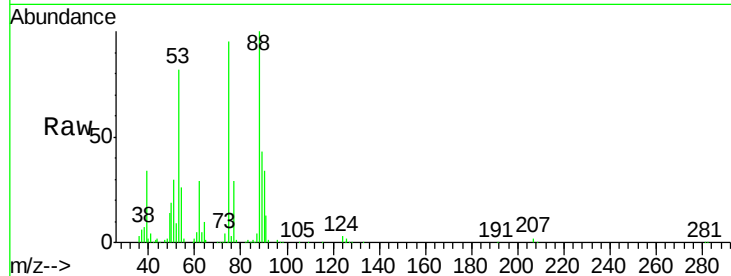
#81
trans-1,4-Dichloro-2-butene
Concen: 18.202 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016085.D
Acq: 07 May 2020 11:01

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	91.7	73.1	109.7
89	49.2	36.7	55.1

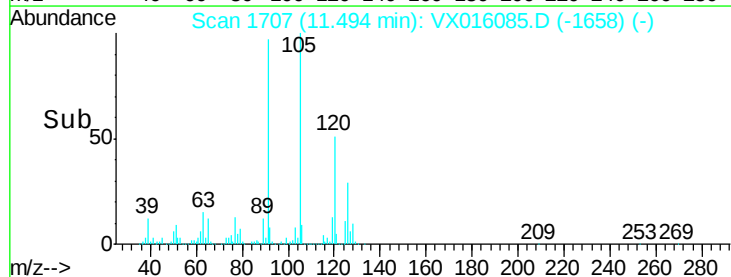
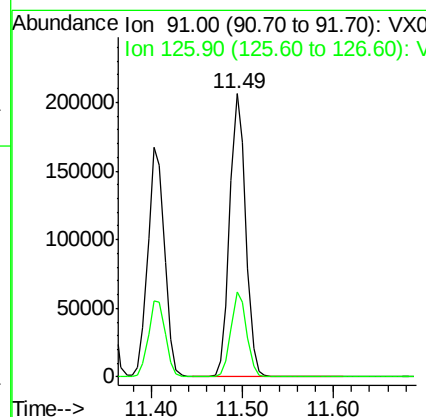
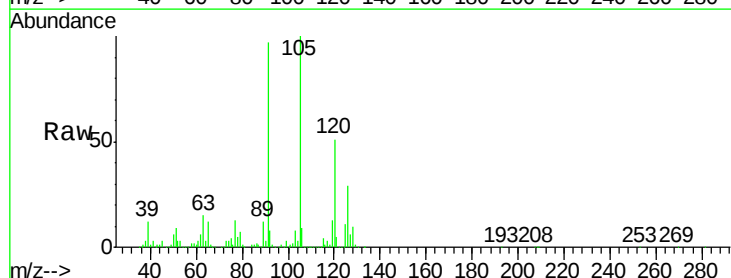
Manual Integrations
APPROVED

MMDadoda
5/8/2020 11:51:22 AM



#82
4-Chlorotoluene
Concen: 19.018 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016085.D
Acq: 07 May 2020 11:01

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.4	14.8	44.3





#83

tert-Butylbenzene

Concen: 18.777 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

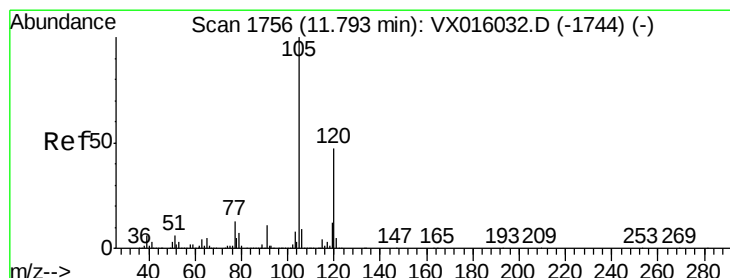
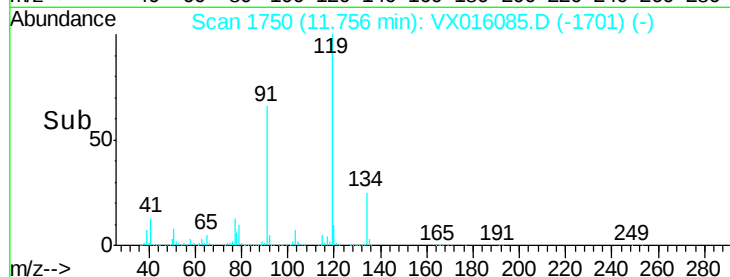
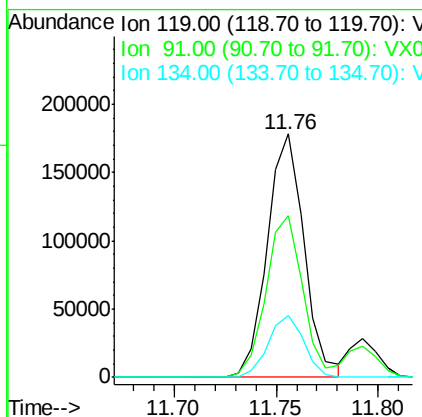
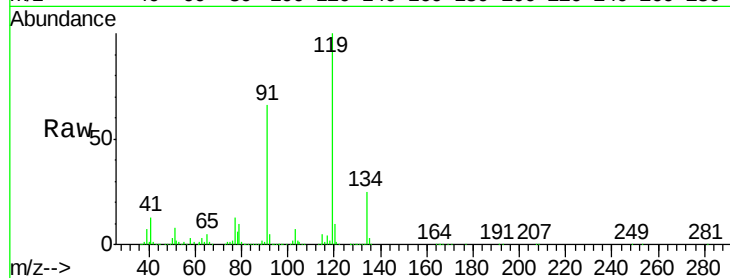
ClientSampled :

VX0507WBS01

Tot Ion:	119	Resp:	224309
Ion Ratio	Lower	Upper	
119	100		
91	65.6	32.8	98.4
134	24.7	12.4	37.0

Manual Integrations
APPROVED

MMDadoda
5/8/2020 11:51:22 AM



#84

1,2,4-Trimethylbenzene

Concen: 19.091 ug/l

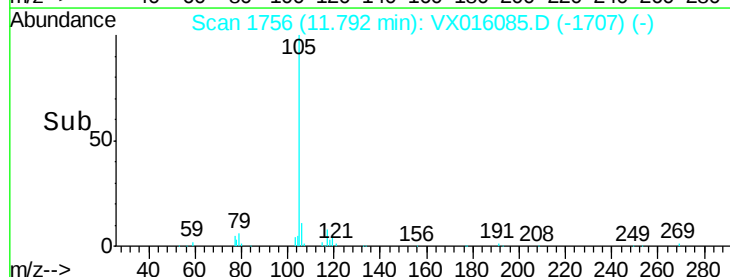
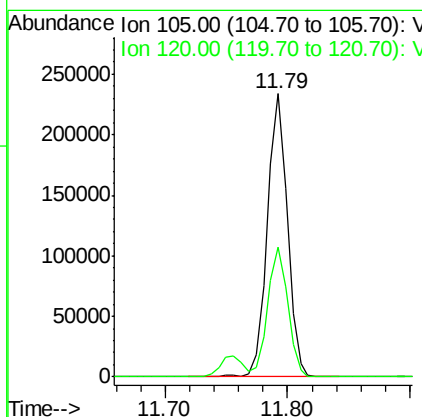
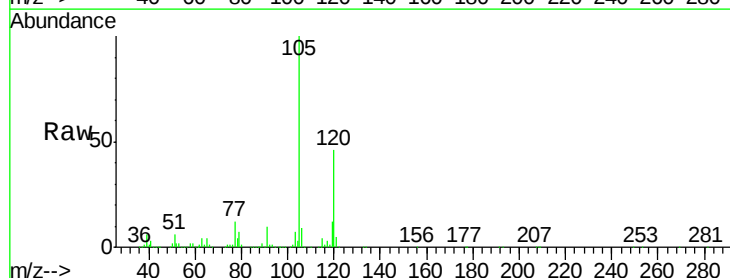
RT: 11.79 min Scan# 1756

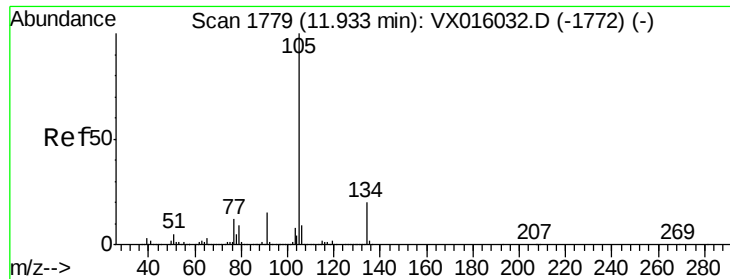
Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Tgt Ion:	105	Resp:	267535
Ion Ratio	Lower	Upper	
105	100		
120	45.8	23.0	69.0





#85

sec-Butylbenzene

Concen: 19.102 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

ClientSampled :

VX0507WBS01

Tot Ion:105 Resp: 308092

Ion Ratio Lower Upper

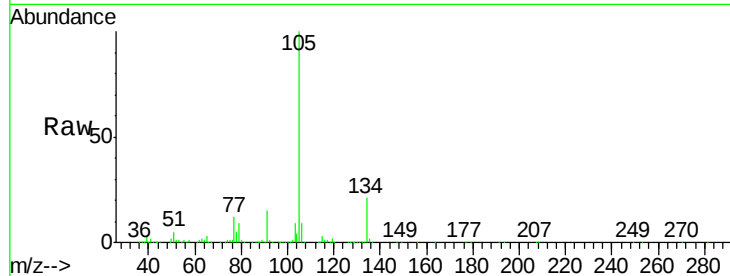
105 100

134 20.4 10.1 30.3

Manual Integrations
APPROVED

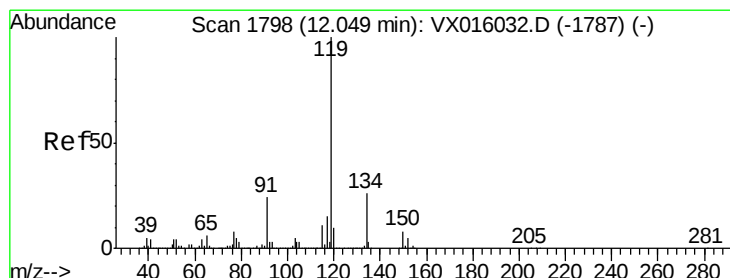
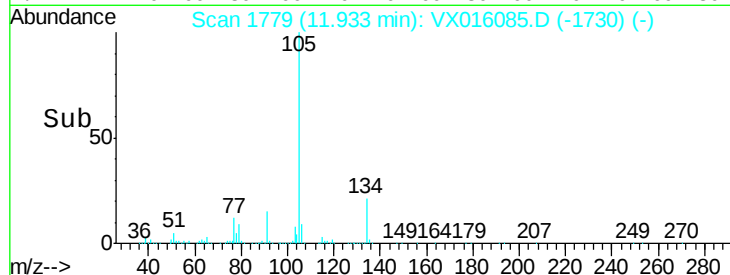
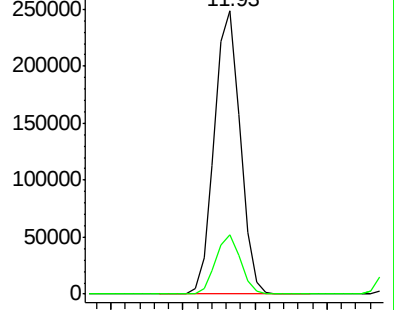
MMDadoda

5/8/2020 11:51:22 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.061 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

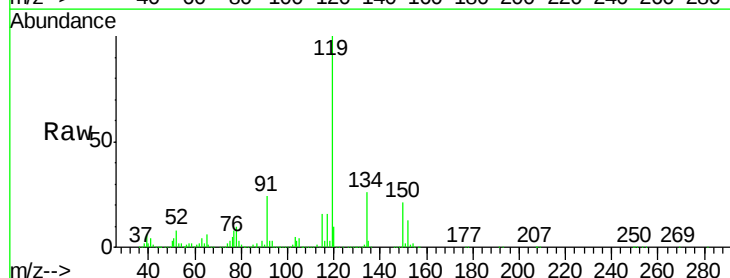
Tgt Ion:119 Resp: 285438

Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

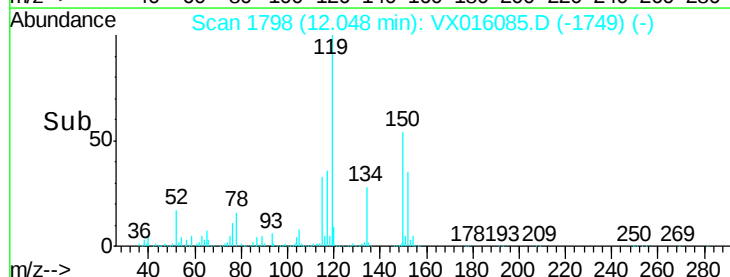
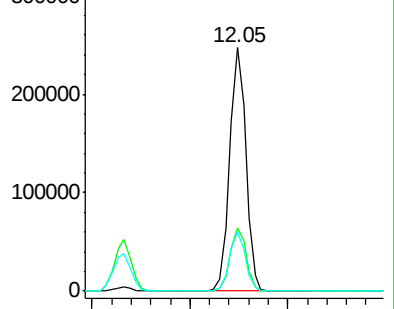
91 23.9 11.8 35.4

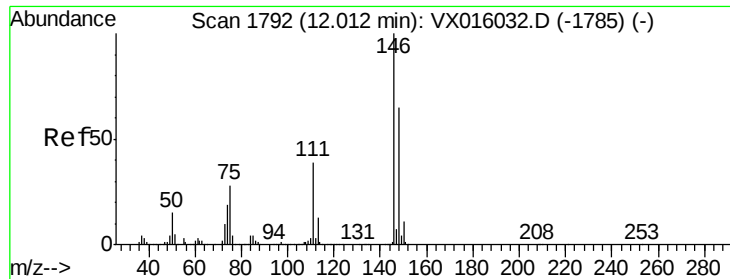


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





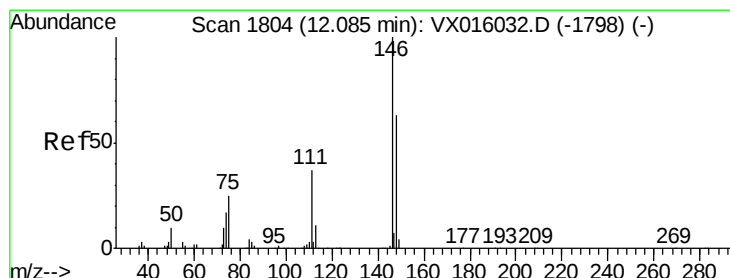
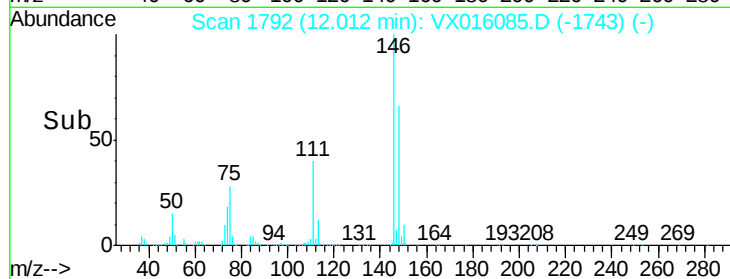
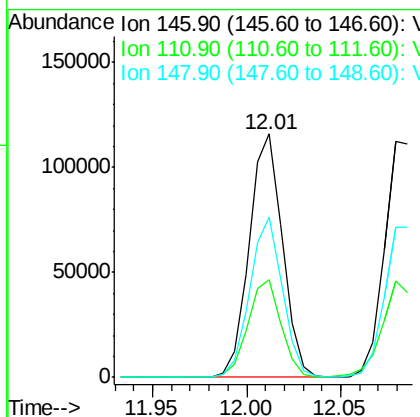
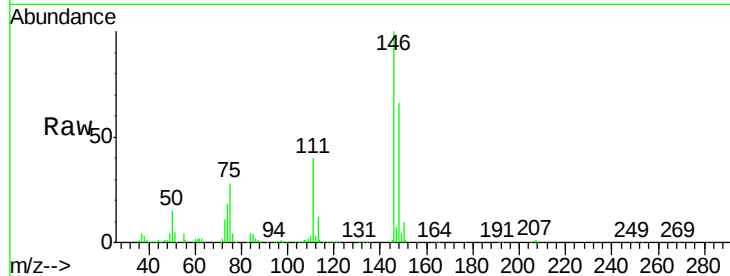
#87
 1,3-Dichlorobenzene
 Concen: 18.595 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016085.D
 Acq: 07 May 2020 11:01

Instrument :
 MSVOA_X
 ClientSampled :
 VX0507WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	141480		
111	40.2	20.2	60.6	
148	64.6	32.1	96.3	

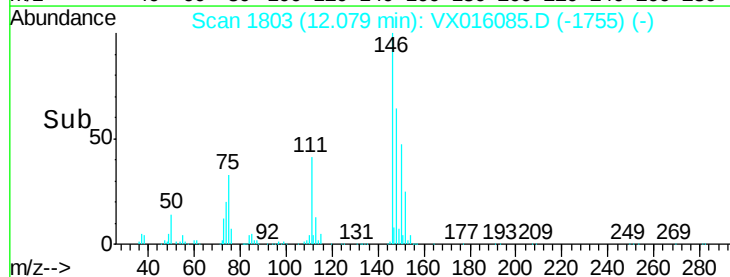
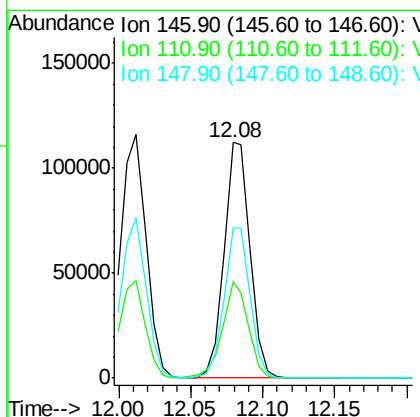
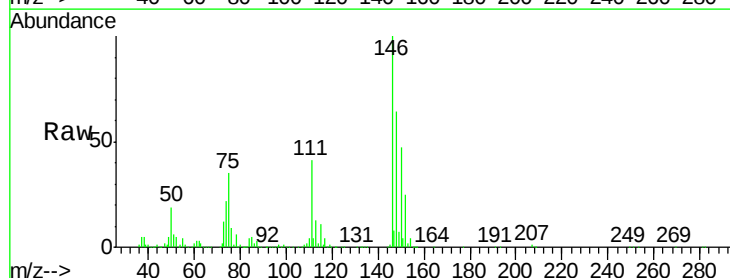
Manual Integrations
 APPROVED

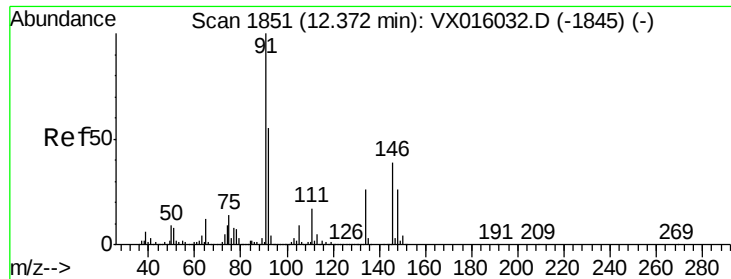
MMDadoda
 5/8/2020 11:51:22 AM



#88
 1,4-Dichlorobenzene
 Concen: 18.386 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX016085.D
 Acq: 07 May 2020 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	141990		
111	41.1	19.6	58.7	
148	64.4	31.8	95.3	





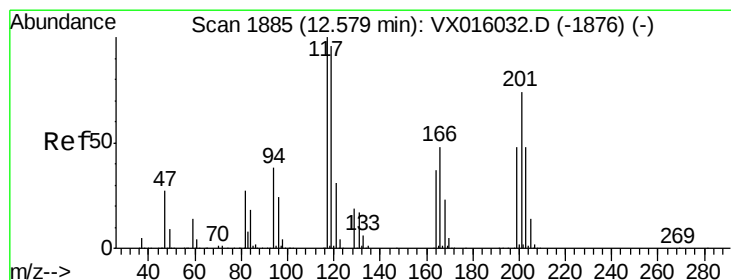
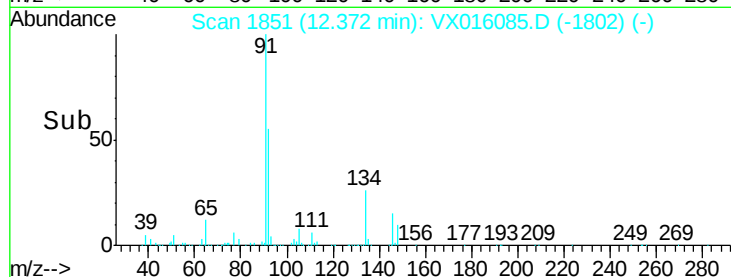
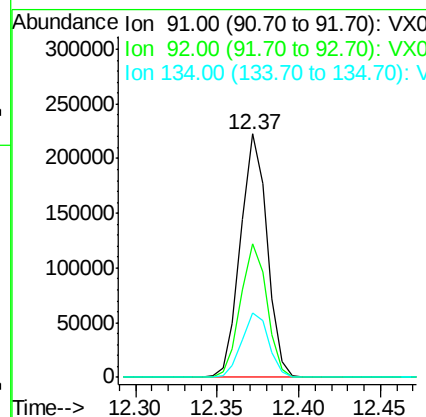
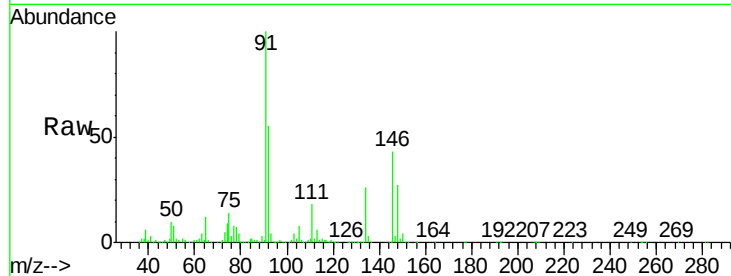
#89
n-Butylbenzene
Concen: 18.469 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016085.D
Acq: 07 May 2020 11:01

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.6	82.7
134	26.8	13.4	40.1

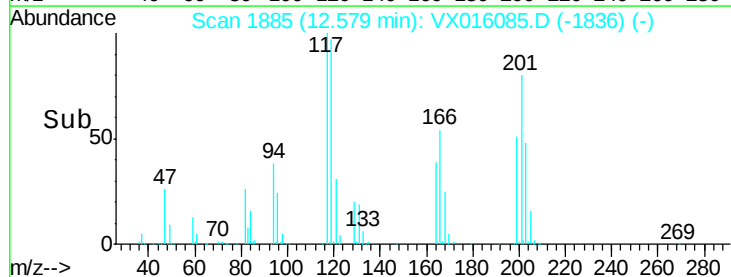
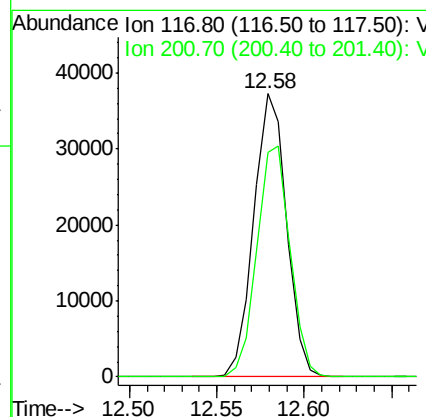
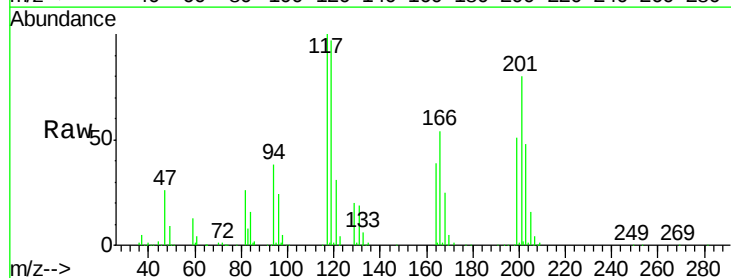
Manual Integrations
APPROVED

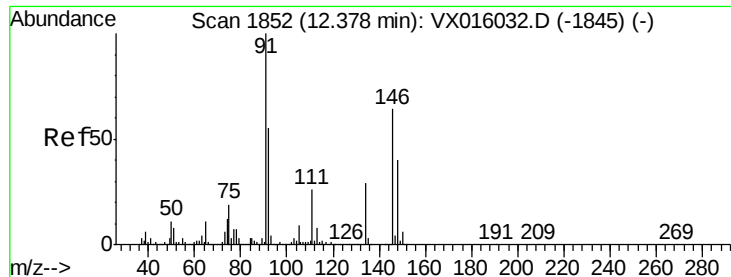
MMDadoda
5/8/2020 11:51:22 AM



#90
Hexachloroethane
Concen: 18.879 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016085.D
Acq: 07 May 2020 11:01

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.6	39.8	119.3





#91

1,2-Dichlorobenzene

Concen: 18.778 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

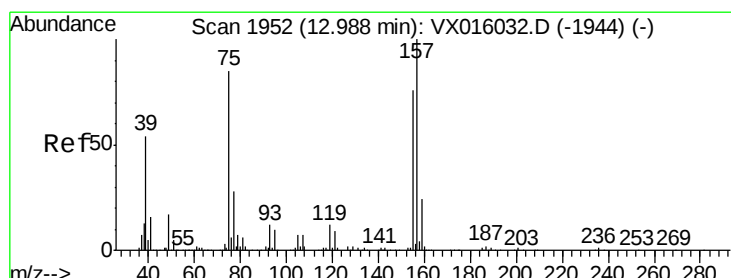
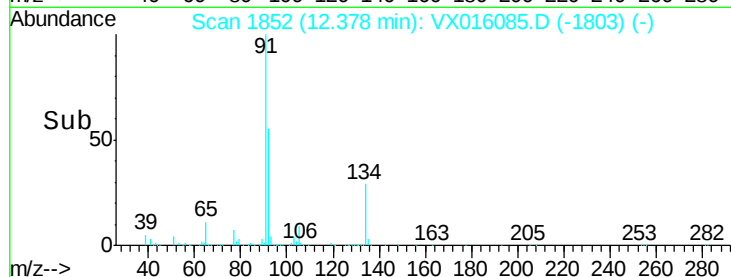
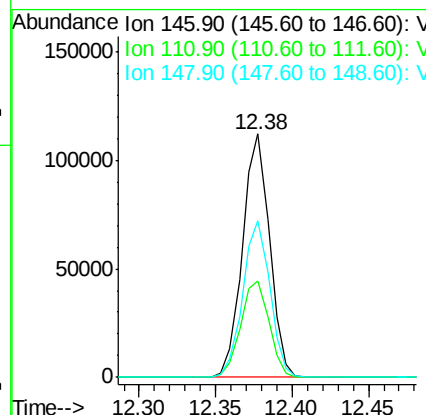
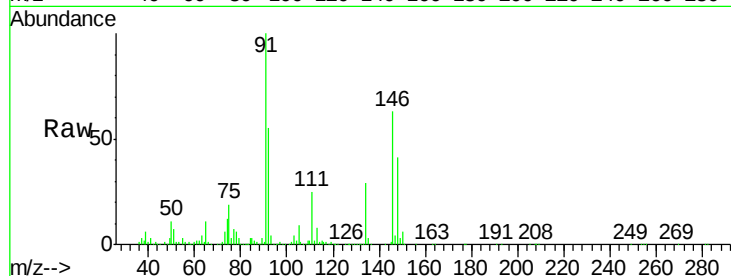
ClientSampleId :

VX0507WBS01

Tot Ion:	146	Resp:	137575
Ion Ratio	Lower	Upper	
146	100		
111	41.6	21.1	63.1
148	64.5	32.4	97.0

Manual Integrations
APPROVED

MMDadoda
5/8/2020 11:51:22 AM



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.550 ug/l

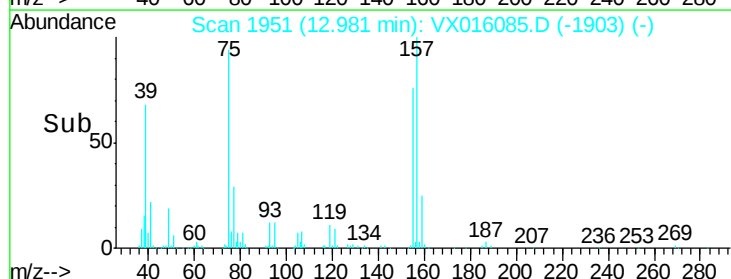
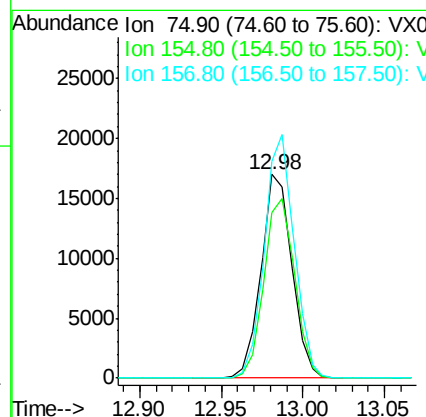
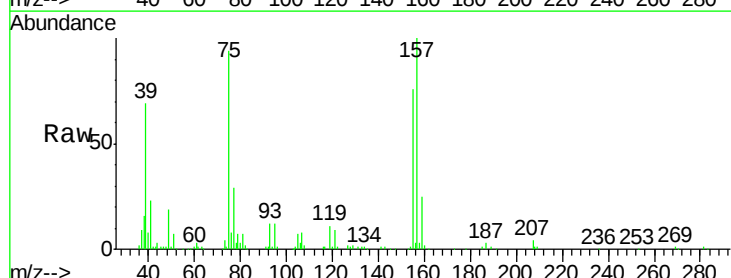
RT: 12.98 min Scan# 1951

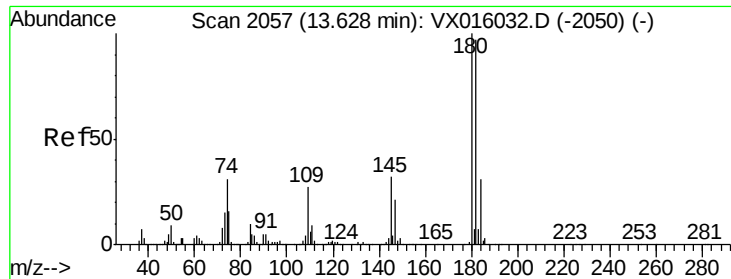
Delta R.T. -0.01 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Tgt Ion:	75	Resp:	22341
Ion Ratio	Lower	Upper	
75	100		
155	87.8	42.5	127.5
157	115.1	55.3	165.8





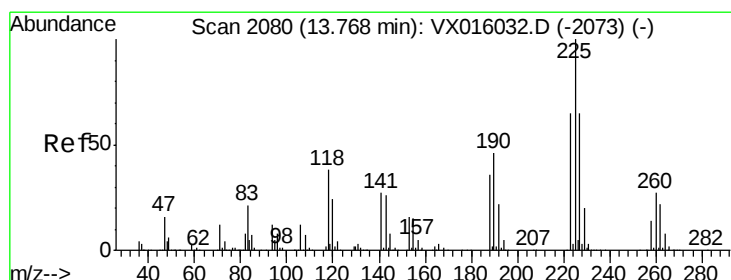
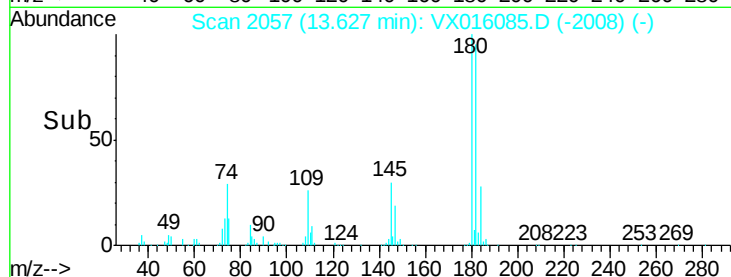
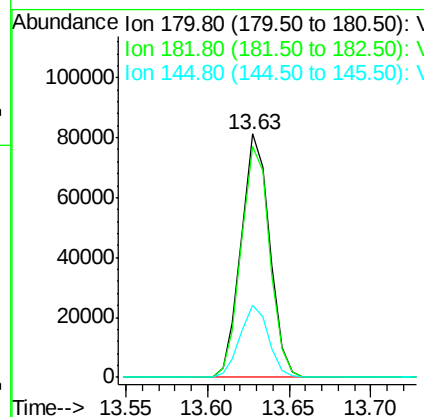
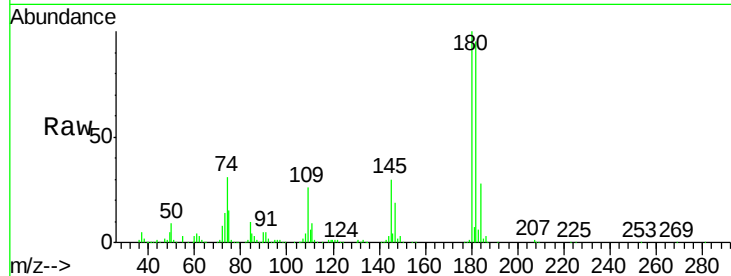
#93
1,2,4-Trichlorobenzene
Concen: 18.311 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX016085.D
Acq: 07 May 2020 11:01

Instrument :
MSVOA_X
ClientSampled :
VX0507WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	99322		
182	95.3	48.7	146.1	
145	29.8	15.7	47.1	

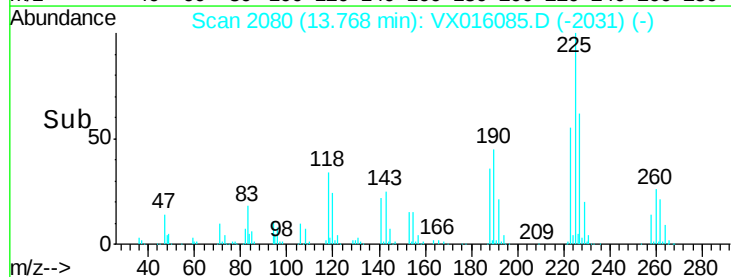
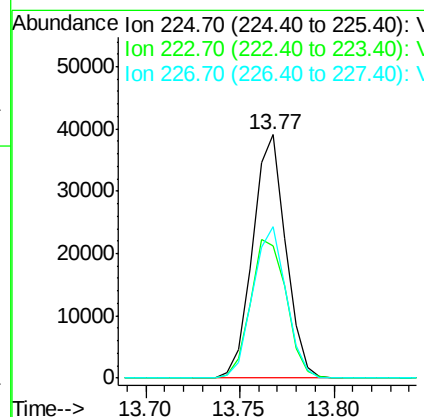
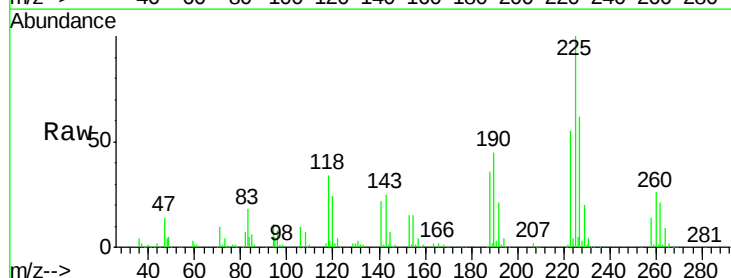
Manual Integrations
APPROVED

MMDadoda
5/8/2020 11:51:22 AM



#94
Hexachlorobutadiene
Concen: 20.623 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX016085.D
Acq: 07 May 2020 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	47441		
223	61.5	32.3	96.9	
227	63.1	31.8	95.4	





#95

Naphthalene

Concen: 18.073 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Instrument :

MSVOA_X

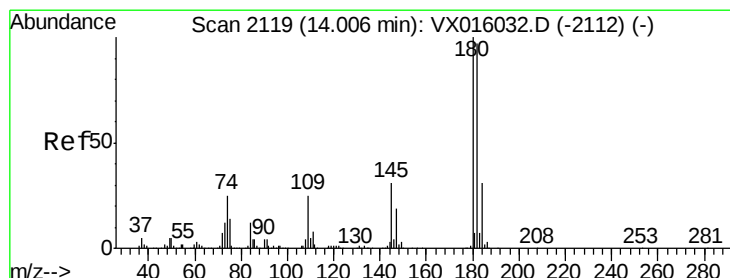
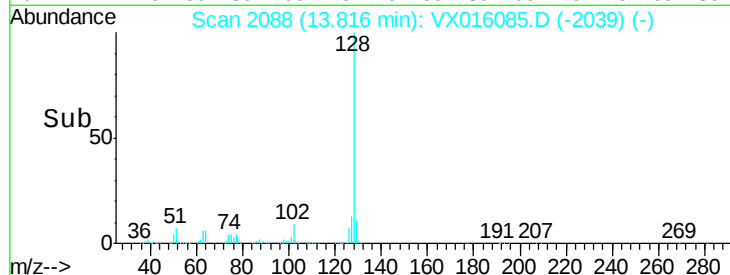
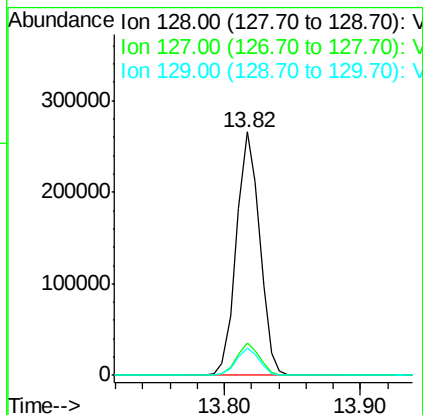
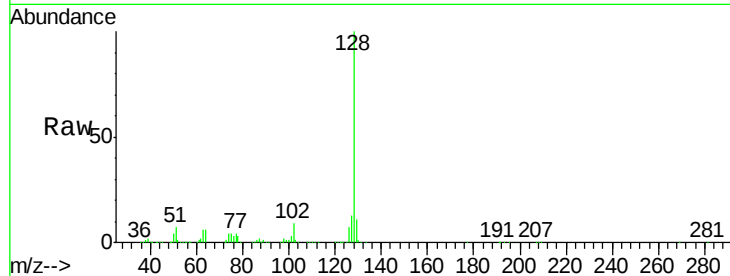
ClientSampled :

VX0507WBS01

Tot Ion:	128	Resp:	317431
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.4
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/8/2020 11:51:22 AM



#96

1,2,3-Trichlorobenzene

Concen: 18.689 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016085.D

Acq: 07 May 2020 11:01

Tgt Ion:	180	Resp:	99072
Ion Ratio	Lower	Upper	
180	100		
182	95.1	48.4	145.0
145	32.2	16.4	49.1

