

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX043020\
 Data File : VX015995.D
 Acq On : 30 Apr 2020 15:15
 Operator : JC/SP
 Sample : VX0430WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0430WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/4/2020 3:10:23 PM

Quant Time: May 01 08:19:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 30 12:42:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	49352	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	273949	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	249946	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	115226	30.38	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.27%
60) 4-Bromofluorobenzene	11.12	95	121711	29.04	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.80%
63) Toluene-d8	8.70	98	325310	30.34	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.13%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	68403	20.123	ug/l 100
3) Chloromethane	1.31	50	63649	19.110	ug/l 99
4) Vinyl Chloride	1.39	62	70816	18.714	ug/l 100
5) Bromomethane	1.63	94	51942	22.394	ug/l 100
6) Chloroethane	1.72	64	46736	18.840	ug/l 100
7) Trichlorofluoromethane	1.92	101	105236	19.416	ug/l 100
8) Diethyl Ether	2.17	74	42714	19.744	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	54181	19.357	ug/l 98
10) 1,1-Dichloroethene	2.36	96	52626	18.635	ug/l 97
11) Methyl Iodide	2.49	142	68988	17.894	ug/l 99
12) Methyl Acetate	2.75	43	98342	19.945	ug/l 99
13) Acrolein	2.27	56	31519	79.741	ug/l 99
14) Acrylonitrile	3.11	53	175431	96.325	ug/l 99
15) Acetone	2.42	58	47536	98.625	ug/l 99
16) Carbon Disulfide	2.55	76	159391	18.553	ug/l 99
17) Allyl chloride	2.70	41	97686	18.647	ug/l 97
18) Methylene Chloride	2.83	84	60293	19.058	ug/l 99
19) trans-1,2-Dichloroethene	3.14	96	57677	18.673	ug/l 95
20) Diisopropyl ether	3.82	45	191200	18.929	ug/l 99
21) 1,1-Dichloroethane	3.67	63	106014	18.823	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	66116	18.862	ug/l 98
23) tert-Butyl Alcohol	3.00	59	87128	97.730	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	196208	19.347	ug/l 99
25) Chloroform	5.18	83	107122	18.727	ug/l 95
26) Cyclohexane	5.55	56	96516	18.740	ug/l # 97
29) 1,1-Dichloropropene	5.77	75	81436	18.901	ug/l 99
30) 2-Butanone	4.63	43	250697	97.649	ug/l 99
31) 2,2-Dichloropropane	4.55	77	96002	18.514	ug/l 100
32) 1,1,1-Trichloroethane	5.46	97	98961	18.934	ug/l 99
33) Carbon Tetrachloride	5.75	117	87160	18.729	ug/l 98
34) Benzene	6.11	78	235897	18.745	ug/l 99
35) Methacrylonitrile	5.00	41	52212	19.150	ug/l 96
36) 1,2-Dichloroethane	6.16	62	92498	19.246	ug/l 100
37) Trichloroethene	7.19	130	86714	19.369	ug/l 98
38) Methylcyclohexane	7.44	83	100666	19.118	ug/l 100
39) 1,2-Dichloropropane	7.49	63	61113	18.918	ug/l 96
40) Dibromomethane	7.64	93	43351	19.326	ug/l 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX043020\
 Data File : VX015995.D
 Acq On : 30 Apr 2020 15:15
 Operator : JC/SP
 Sample : VX0430WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0430WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/4/2020 3:10:23 PM

Quant Time: May 01 08:19:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 30 12:42:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	85485	18.486	ug/l	100
42) Vinyl Acetate	3.78	43	814571	95.904	ug/l	100
43) Ethyl Acetate	4.79	43	96650	19.085	ug/l	100
44) Isopropyl Acetate	6.41	43	159813	19.446	ug/l	99
45) 1,4-Dioxane	7.71	88	34147	393.364	ug/l	97
46) Methyl methacrylate	7.74	41	74695	19.172	ug/l	97
47) n-amyl Acetate	10.88	43	133505	18.579	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	100930	18.795	ug/l	97
49) cis-1,3-Dichloropropene	8.42	75	106016	19.108	ug/l	98
50) 1,1,2-Trichloroethane	9.20	97	59243	18.741	ug/l	96
51) Ethyl methacrylate	9.16	69	97087	18.600	ug/l	98
52) 1,3-Dichloropropane	9.35	76	104698	19.160	ug/l	100
53) Dibromochloromethane	9.57	129	66778	18.568	ug/l	99
54) 1,2-Dibromoethane	9.65	107	64402	18.537	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	245190	86.341	ug/l	99
56) Bromoform	10.84	173	47494	17.527	ug/l	98
58) 4-Methyl-2-Pentanone	8.62	43	484215	98.238	ug/l	100
59) 2-Hexanone	9.47	43	372374	97.806	ug/l	100
61) Tetrachloroethene	9.32	164	97969	19.815	ug/l	98
62) Toluene	8.76	91	255028	19.099	ug/l	100
64) Chlorobenzene	10.12	112	161094	18.947	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	60712	18.809	ug/l	98
66) Ethyl Benzene	10.23	91	288002	18.941	ug/l	99
67) m/p-Xylenes	10.34	106	217890	37.616	ug/l	99
68) o-Xylene	10.68	106	103871	18.596	ug/l	100
69) Styrene	10.70	104	176505	18.463	ug/l	99
70) Isopropylbenzene	11.00	105	281771	18.684	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	47254	16.855	ug/l	100
72) 1,2,3-Trichloropropane	11.28	75	89425m	19.694	ug/l	
73) Bromobenzene	11.24	156	71111	18.712	ug/l	100
74) n-propylbenzene	11.34	91	327767	18.711	ug/l	99
75) 2-Chlorotoluene	11.40	91	192787	18.729	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	238206	18.608	ug/l	99
77) t-1,4-Dichloro-2-butene	11.06	75	35300	18.080	ug/l	98
78) 4-Chlorotoluene	11.49	91	225388	18.498	ug/l	99
79) tert-butylbenzene	11.76	119	201641	18.443	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	237799	18.594	ug/l	100
81) sec-Butylbenzene	11.93	105	275102	18.656	ug/l	99
82) p-Isopropyltoluene	12.05	119	254574	18.630	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	127370	18.590	ug/l	100
84) 1,4-Dichlorobenzene	12.08	146	128865	18.928	ug/l	99
85) n-Butylbenzene	12.37	91	226459	18.142	ug/l	100
86) Hexachloroethane	12.58	117	43558	18.107	ug/l	100
87) 1,2-Dichlorobenzene	12.38	146	123480	18.634	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	21766	18.554	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	90266	18.494	ug/l	100
90) Hexachlorobutadiene	13.77	225	41540	19.803	ug/l	99
91) Naphthalene	13.82	128	298380	19.202	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	88354	18.842	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX043020\
Data File : VX015995.D
Acq On : 30 Apr 2020 15:15
Operator : JC/SP
Sample : VX0430WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Manual Integrations
APPROVED

MMDadoda
5/4/2020 3:10:23 PM

Quant Time: May 01 08:19:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Apr 30 12:42:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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

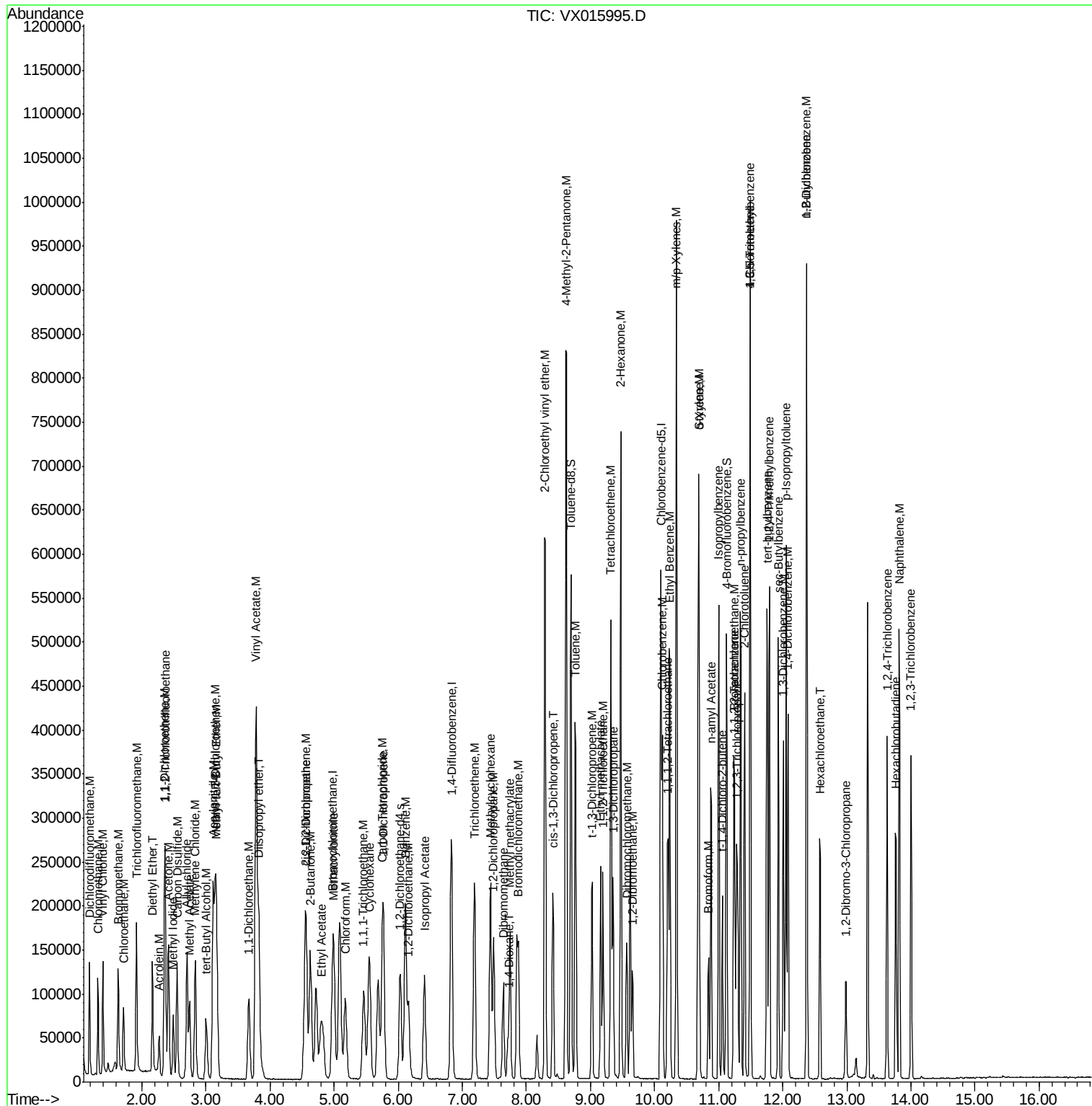
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX043020\
Data File : VX015995.D
Acq On : 30 Apr 2020 15:15
Operator : JC/SP
Sample : VX0430WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

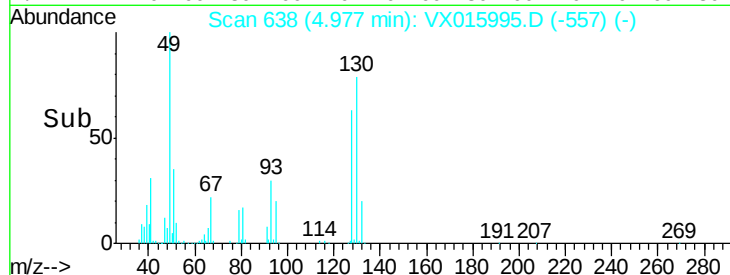
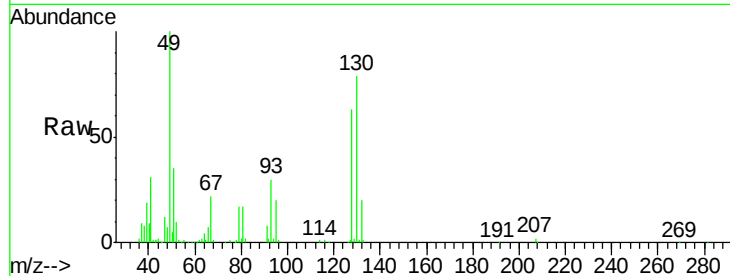
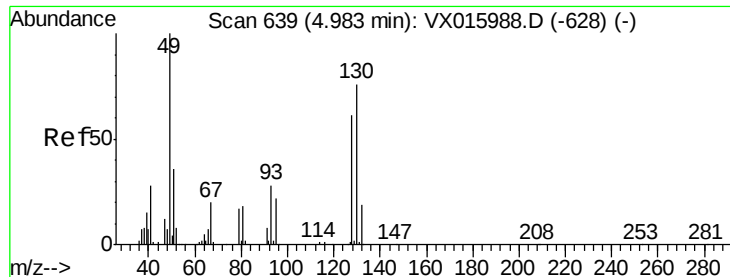
Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Manual Integrations
APPROVED

MMDadoda
5/4/2020 3:10:23 PM

Quant Time: May 01 08:19:00 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Apr 30 12:42:44 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 638

Delta R.T. -0.01 min

Lab File: VX015995.D

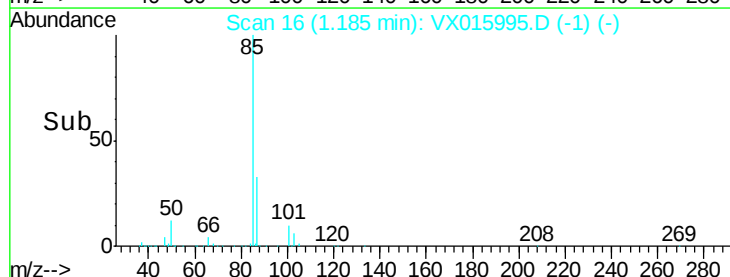
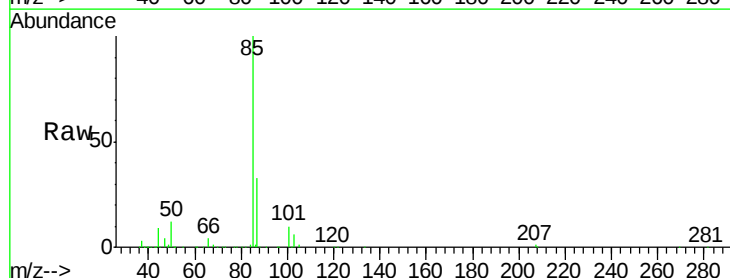
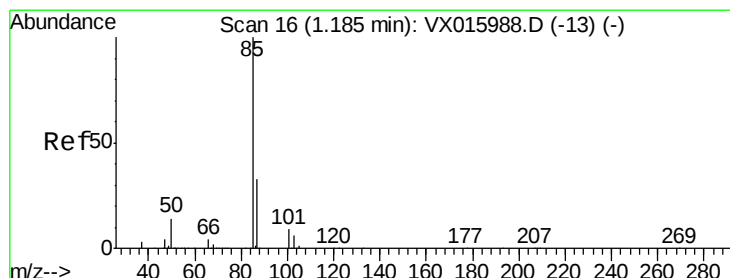
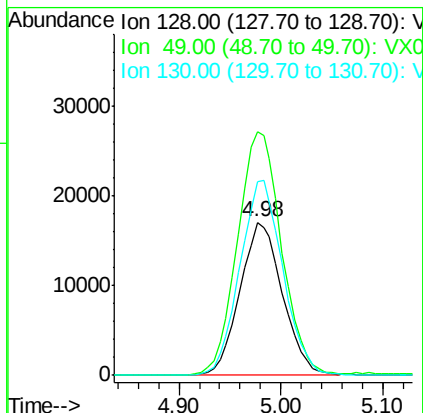
Acq: 30 Apr 2020 15:15

Tot Ion:	128	Resp:	49352
Ion	Ratio	Lower	Upper
128	100		
49	165.2	0.0	418.5
130	129.3	0.0	326.3

Instrument :
MSVOA_X
ClientSampled :
VX0430WBSD01

Manual Integrations
APPROVED

MMDadoda
5/4/2020 3:10:23 PM



#2

Dichlorodifluoromethane

Concen: 20.123 ug/l

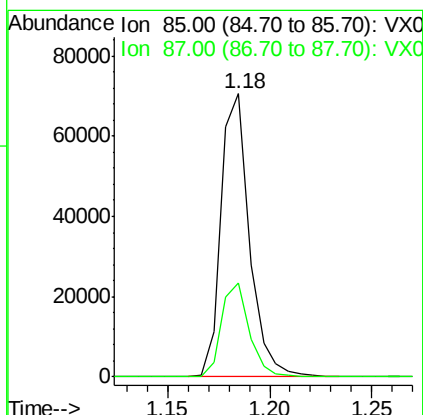
RT: 1.18 min Scan# 16

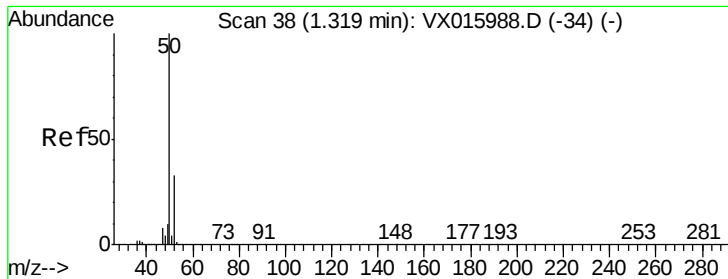
Delta R.T. 0.00 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Tgt Ion:	85	Resp:	68403
Ion	Ratio	Lower	Upper
85	100		
87	33.3	16.6	49.7





#3

Chloromethane

Concen: 19.110 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Instrument :

MSVOA_X

ClientSampleId :

VX0430WBSD01

Tot Ion: 50 Resp: 63649

Ion Ratio Lower Upper

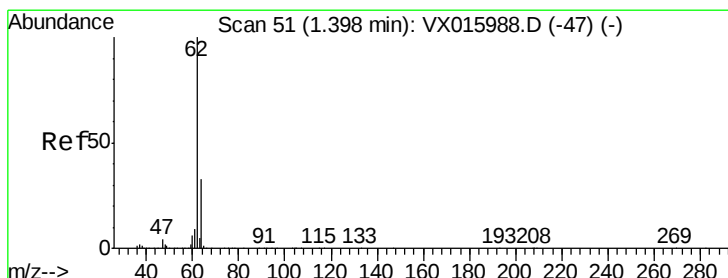
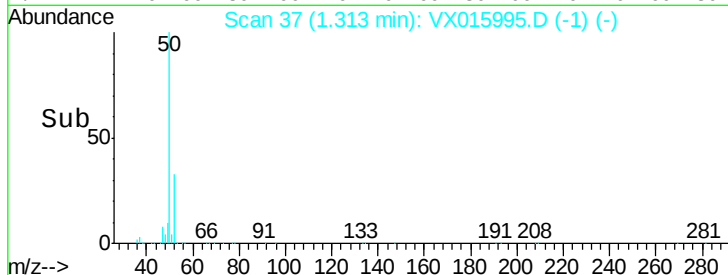
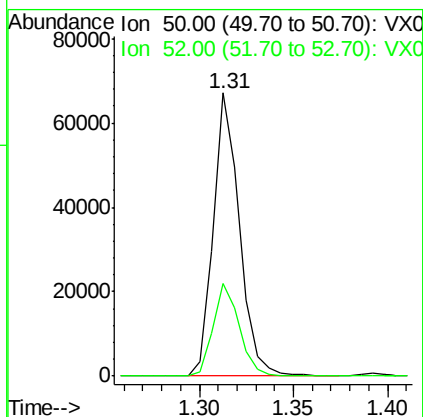
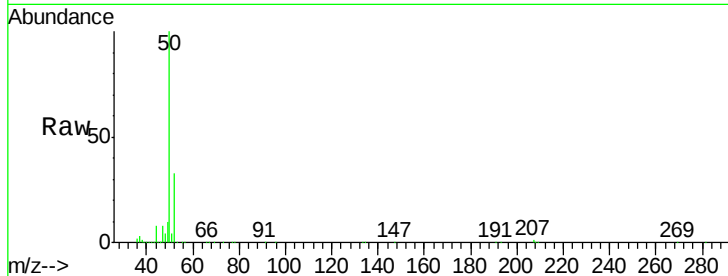
50 100

52 32.6 26.5 39.7

Manual Integrations
APPROVED

MMDadoda

5/4/2020 3:10:23 PM



#4

Vinyl Chloride

Concen: 18.714 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.01 min

Lab File: VX015995.D

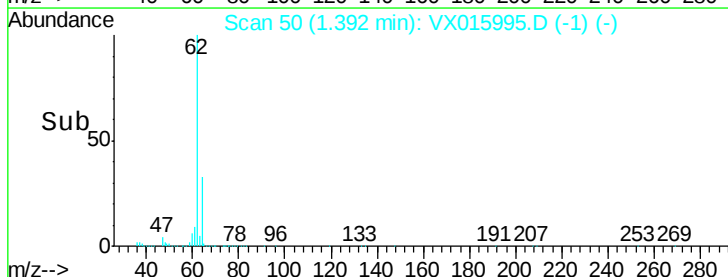
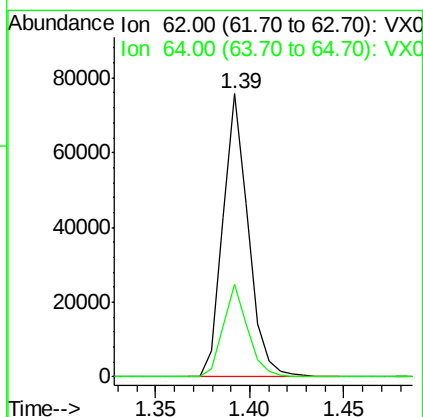
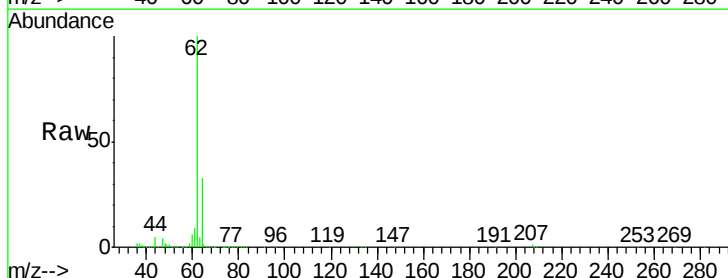
Acq: 30 Apr 2020 15:15

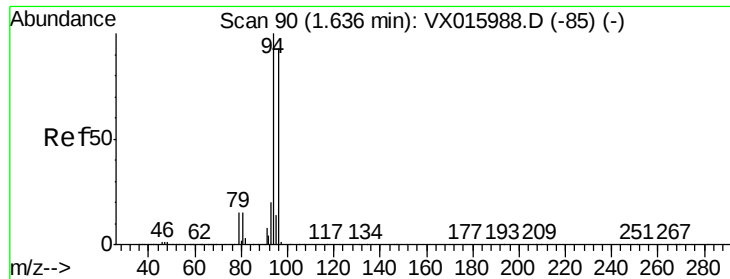
Tgt Ion: 62 Resp: 70816

Ion Ratio Lower Upper

62 100

64 32.7 26.3 39.5





#5

Bromomethane

Concen: 22.394 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Instrument :

MSVOA_X

ClientSampleId :

VX0430WBSD01

Tot Ion: 94 Resp: 51942

Ion Ratio Lower Upper

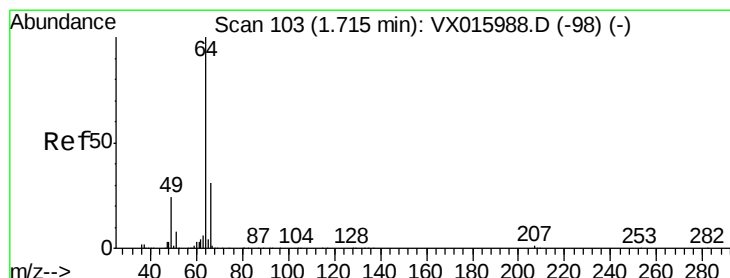
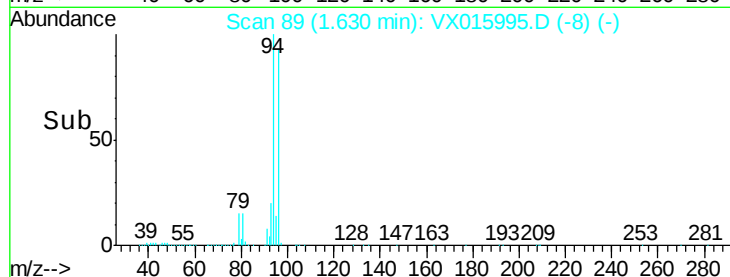
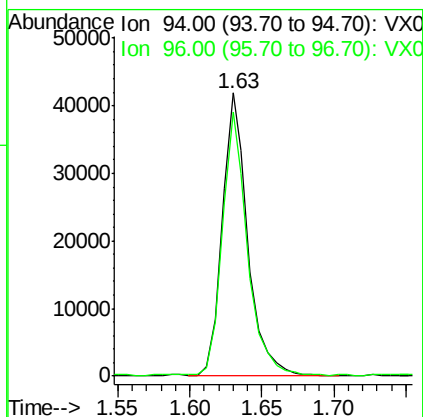
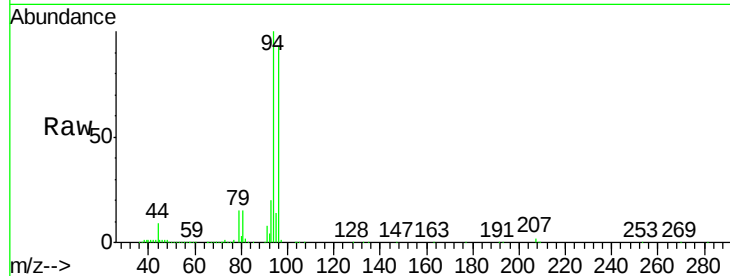
94 100

96 93.1 74.2 111.2

Manual Integrations
APPROVED

MMDadoda

5/4/2020 3:10:23 PM



#6

Chloroethane

Concen: 18.840 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX015995.D

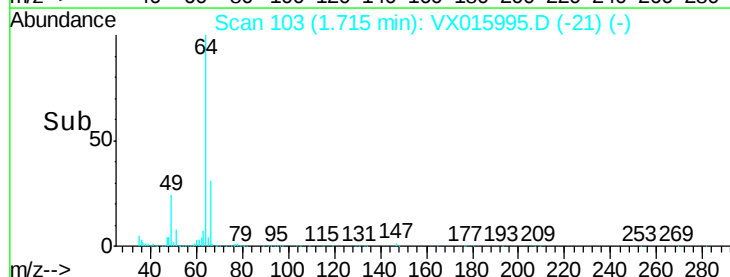
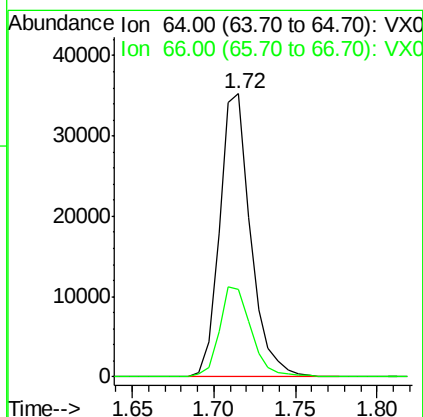
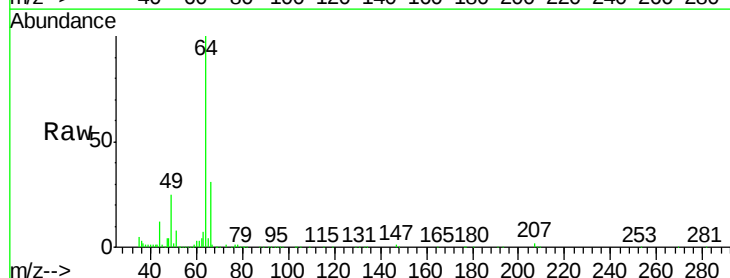
Acq: 30 Apr 2020 15:15

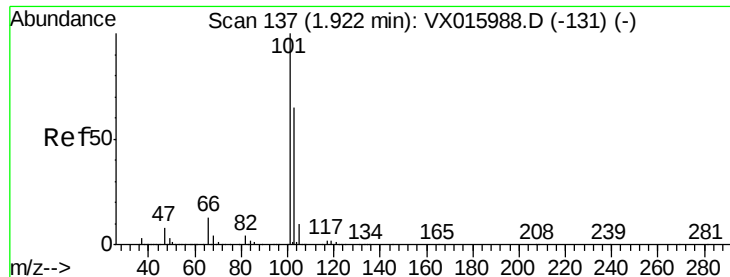
Tgt Ion: 64 Resp: 46736

Ion Ratio Lower Upper

64 100

66 30.9 24.9 37.3





#7

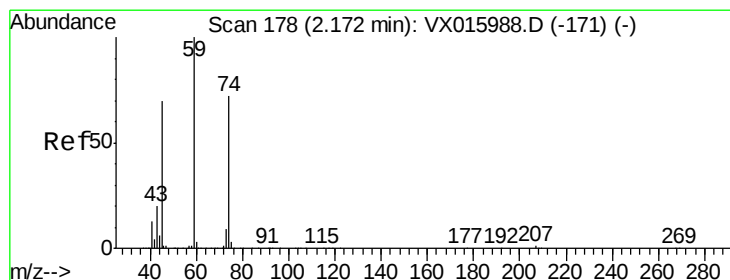
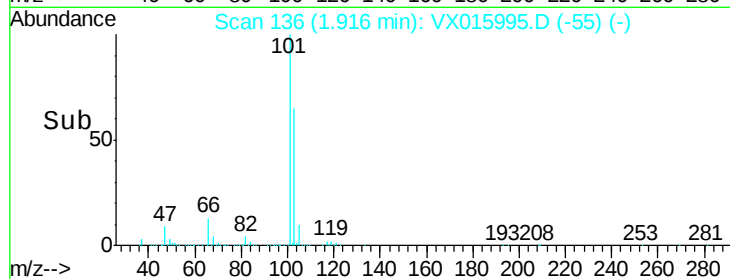
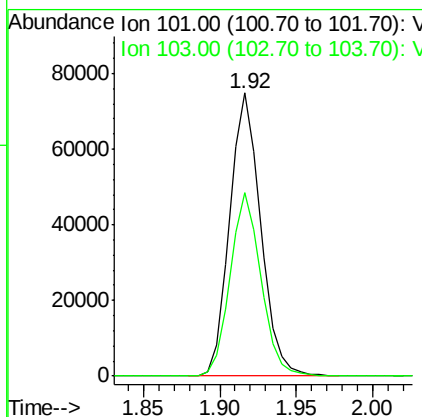
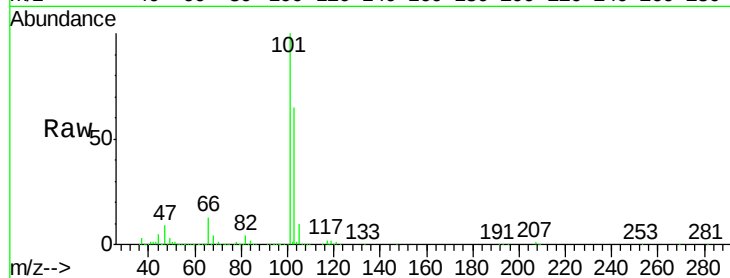
Trichlorofluoromethane
Concen: 19.416 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	51.8	77.8

Manual Integrations
APPROVED

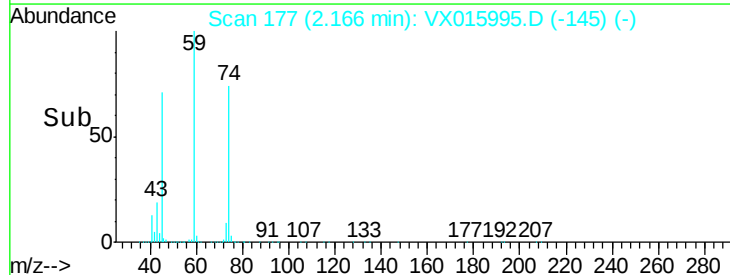
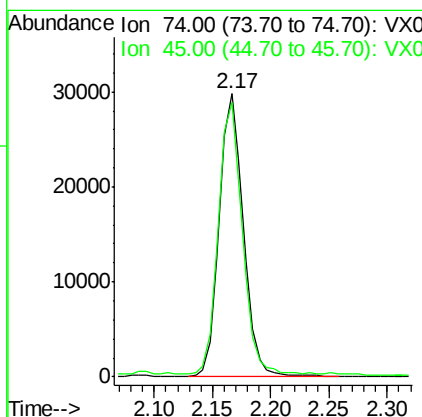
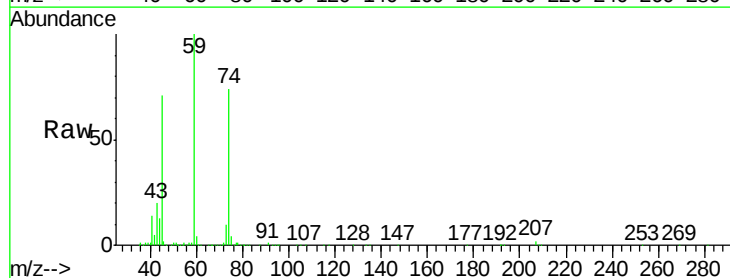
MMDadoda
5/4/2020 3:10:23 PM

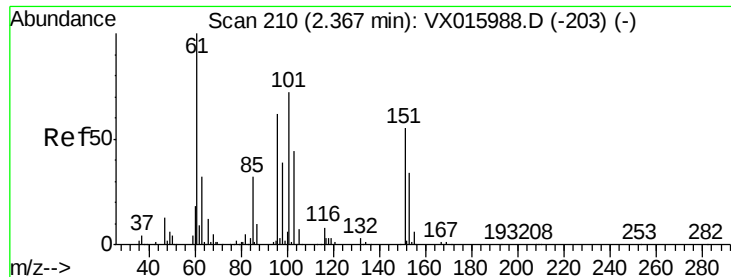


#8

Diethyl Ether
Concen: 19.744 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.5	19.4	174.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.357 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX015995.D

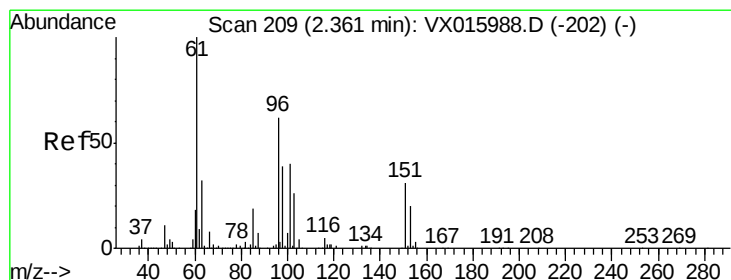
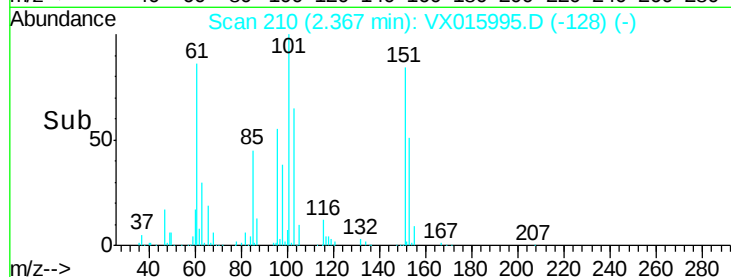
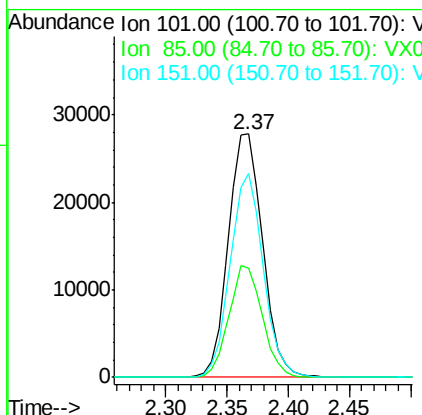
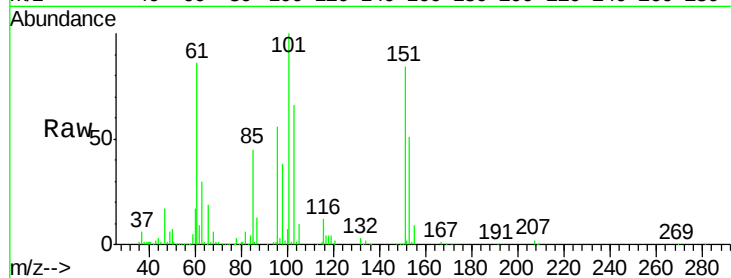
Acq: 30 Apr 2020 15:15

Instrument :
MSVOA_X
ClientSampled :
VX0430WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	54181		
85	44.6	0.0	90.6	
151	80.4	0.0	157.0	

Manual Integrations
APPROVED

MMDadoda
5/4/2020 3:10:23 PM



#10

1,1-Dichloroethene

Concen: 18.635 ug/l

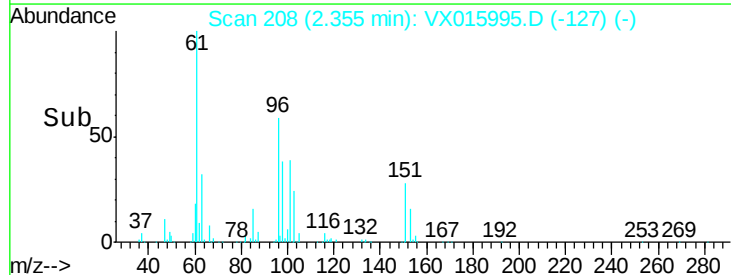
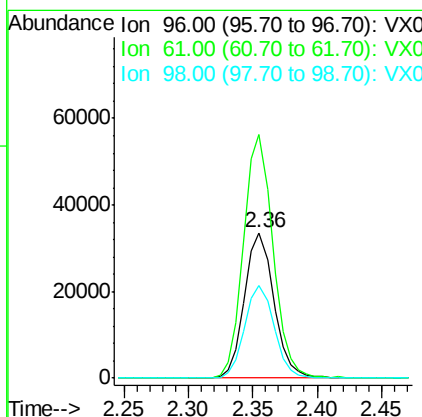
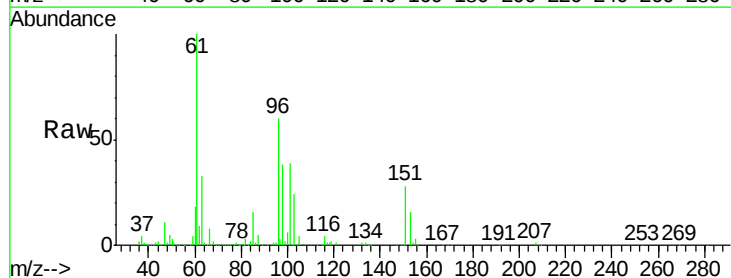
RT: 2.36 min Scan# 208

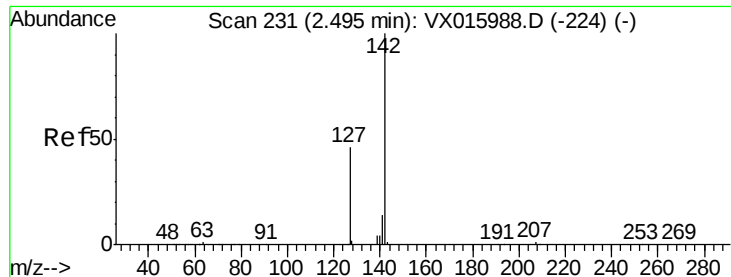
Delta R.T. -0.01 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	52626		
61	168.0	129.8	194.8	
98	63.5	51.1	76.7	





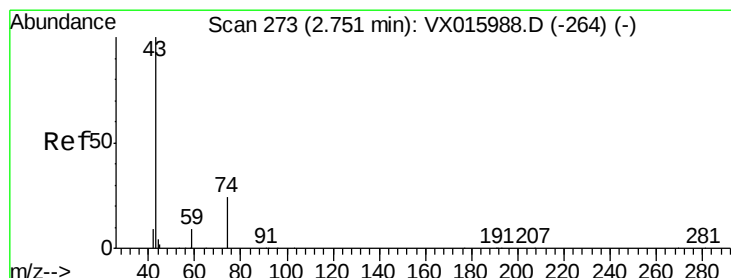
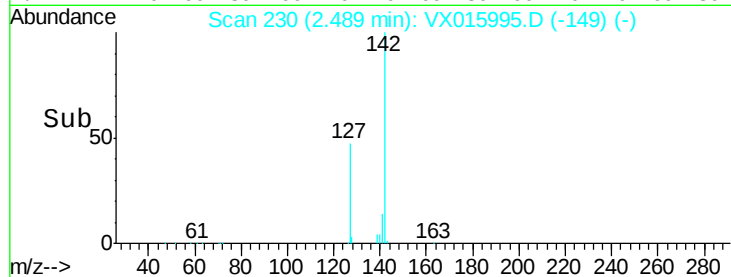
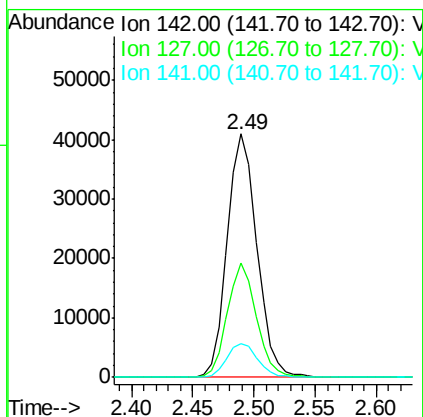
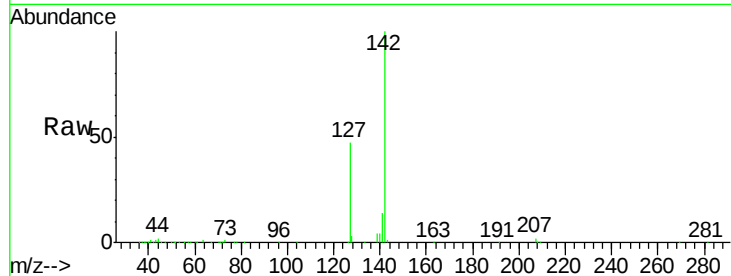
#11
Methyl Iodide
Concen: 17.894 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Tot Ion	Ratio	Lower	Upper
142	100		
127	46.8	22.8	68.4
141	14.1	7.0	21.1

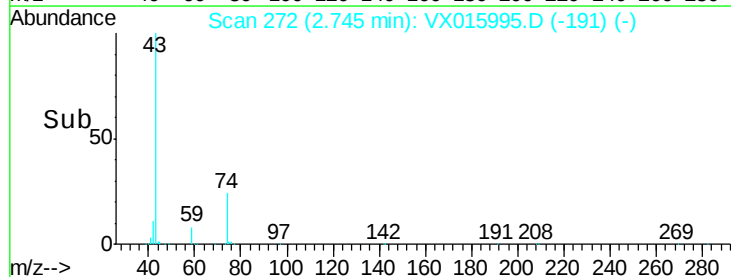
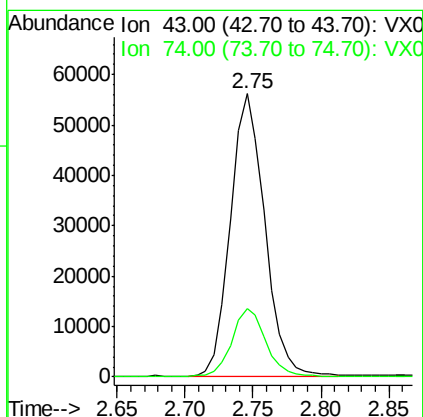
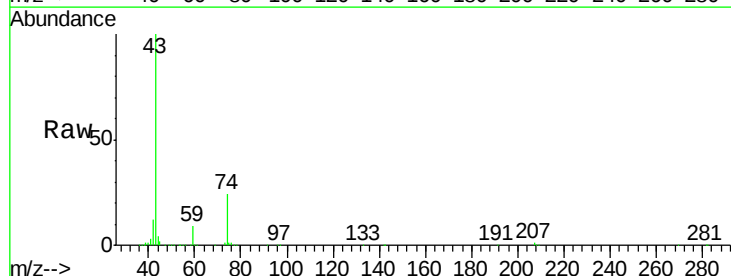
Manual Integrations
APPROVED

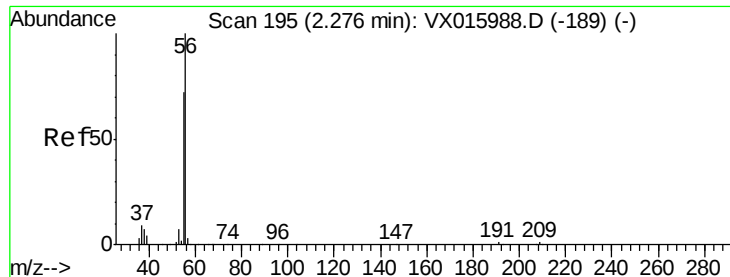
MMDadoda
5/4/2020 3:10:23 PM



#12
Methyl Acetate
Concen: 19.945 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	19.0	28.4





#13

Acrolein

Concen: 79.741 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Instrument :

MSVOA_X

ClientSampleId :

VX0430WBSD01

Tot Ion: 56 Resp: 31519

Ion Ratio Lower Upper

56 100

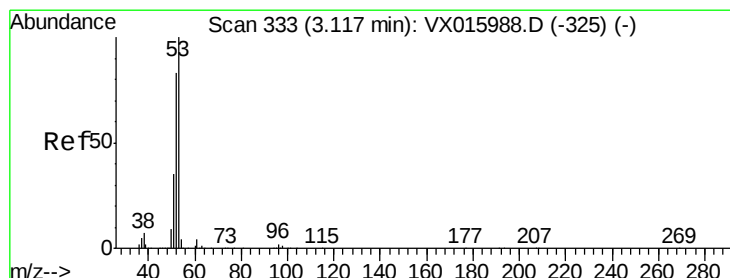
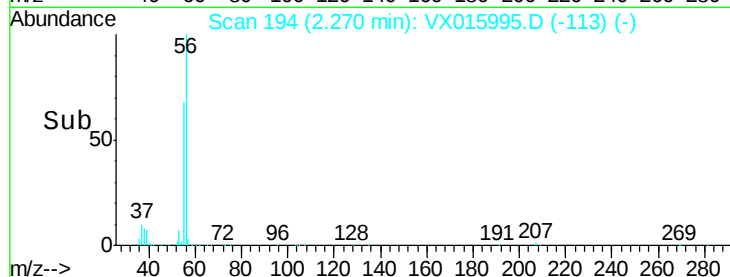
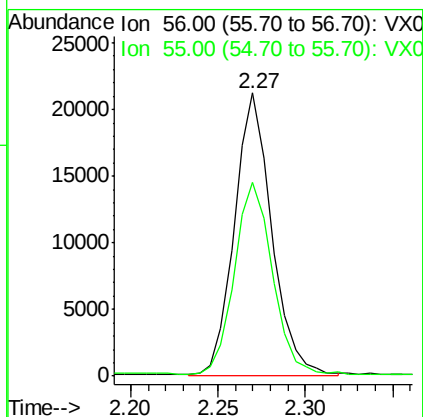
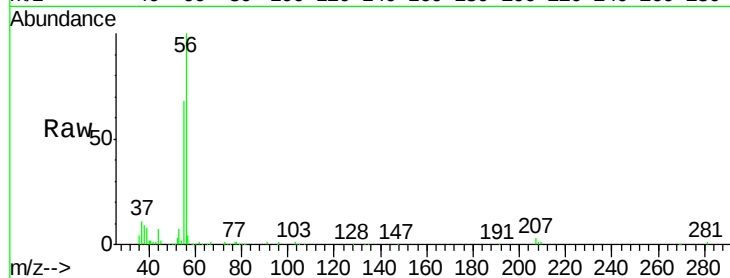
55 69.1 56.2 84.4

Manual Integrations

APPROVED

MMDadoda

5/4/2020 3:10:23 PM



#14

Acrylonitrile

Concen: 96.325 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

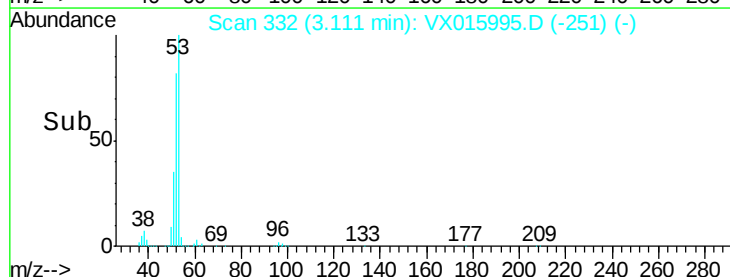
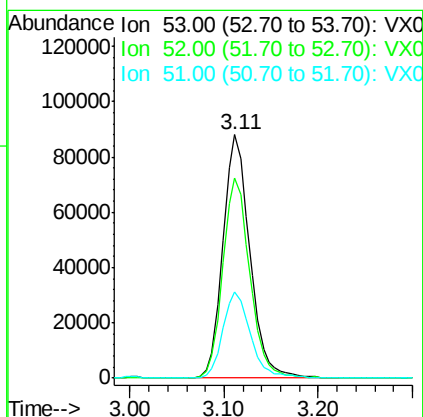
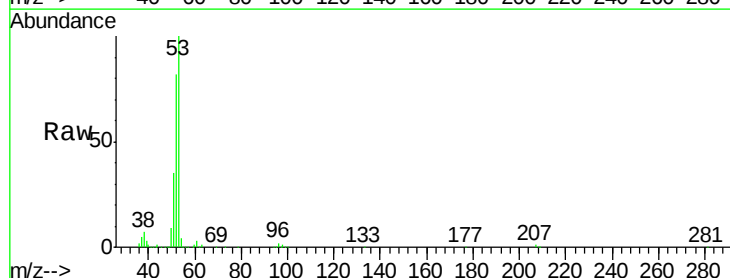
Tgt Ion: 53 Resp: 175431

Ion Ratio Lower Upper

53 100

52 81.8 41.2 123.6

51 36.3 17.8 53.5





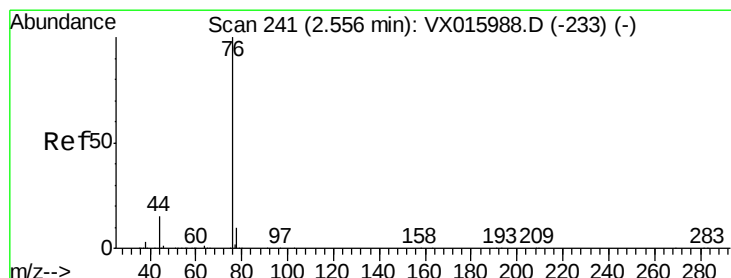
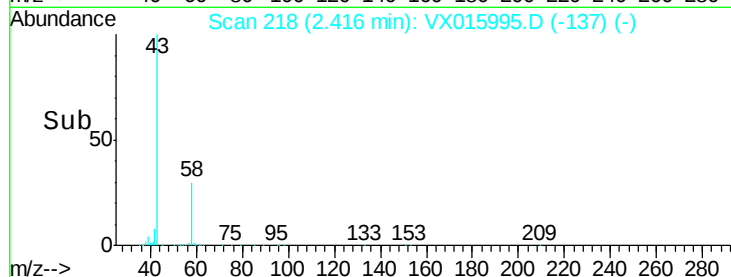
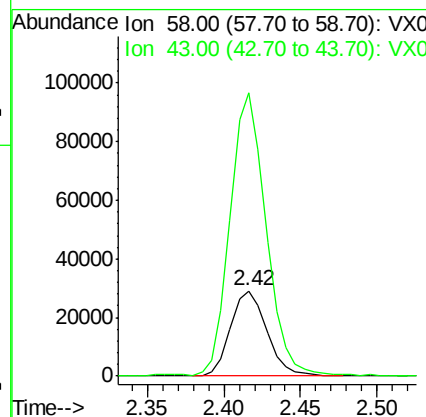
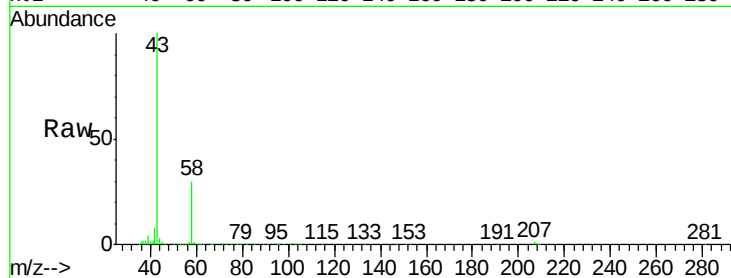
#15
Acetone
Concen: 98.625 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
58	100			
43	332.8	264.2	396.2	

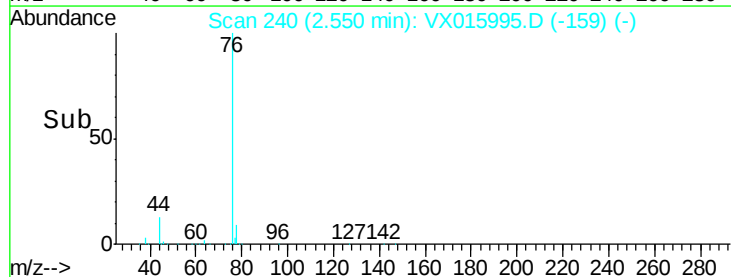
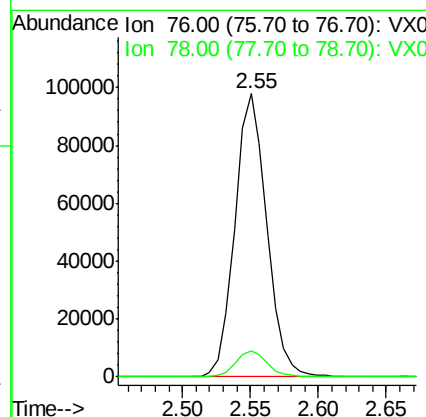
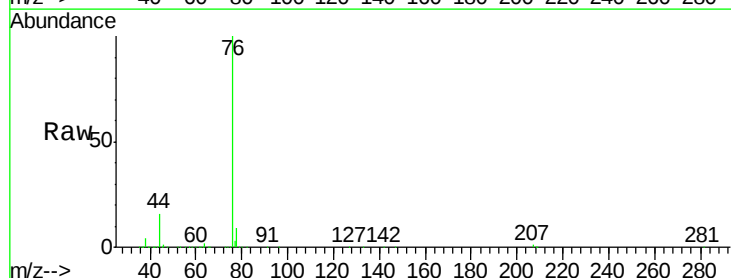
Manual Integrations
APPROVED

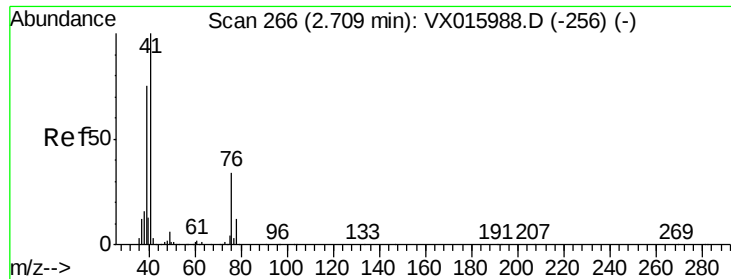
MMDadoda
5/4/2020 3:10:23 PM



#16
Carbon Disulfide
Concen: 18.553 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.01 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

Tgt Ion	Ion	Ratio	Lower	Upper
76	100			
78	9.3	7.7	11.5	





#17

Allvl chloride

Concen: 18.647 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Instrument :

MSVOA_X

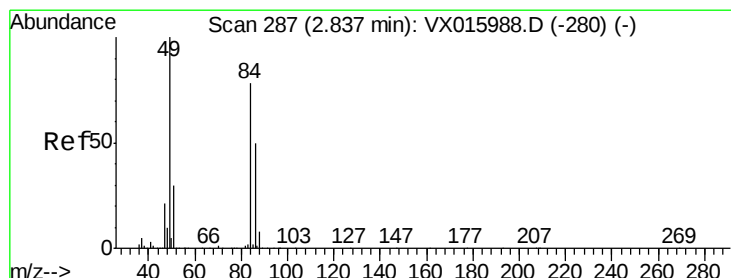
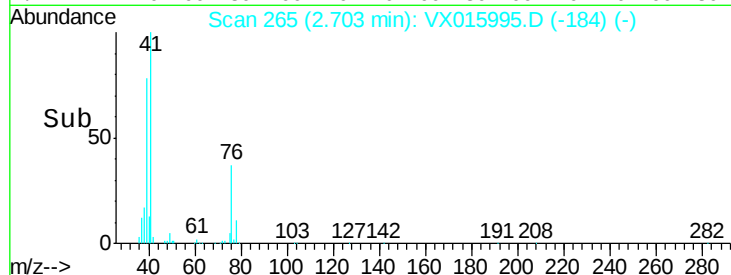
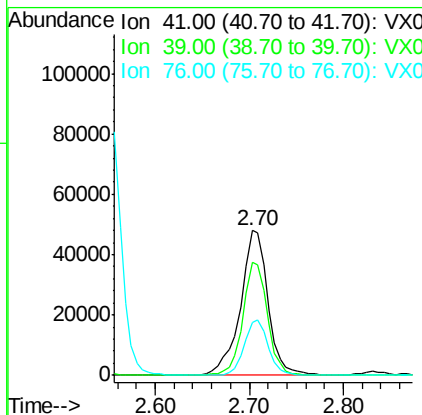
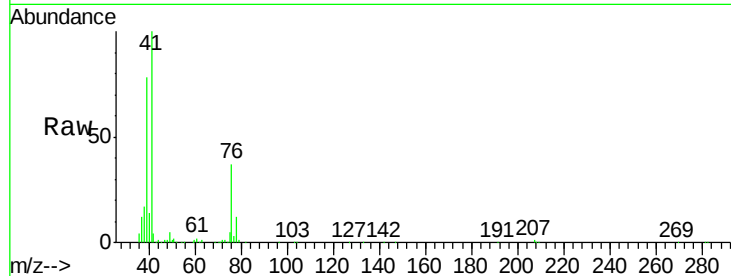
ClientSampleId :

VX0430WBSD01

Tot Ion:	41	Resp:	97686
Ion	Ratio	Lower	Upper
41	100		
39	77.7	37.6	112.8
76	36.5	17.2	51.5

Manual Integrations
APPROVED

MMDadoda
5/4/2020 3:10:23 PM



#18

Methylene Chloride

Concen: 19.058 ug/l

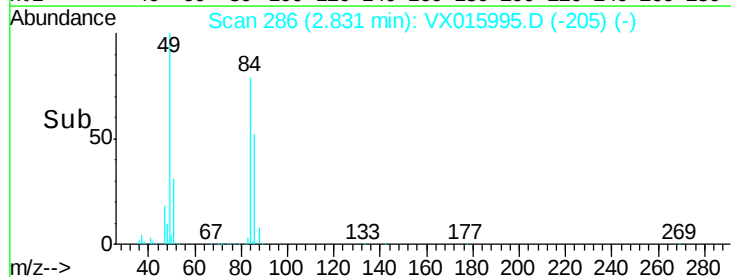
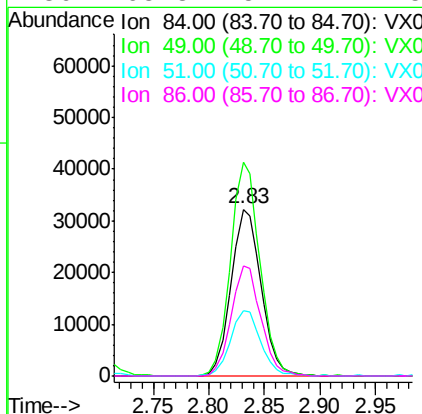
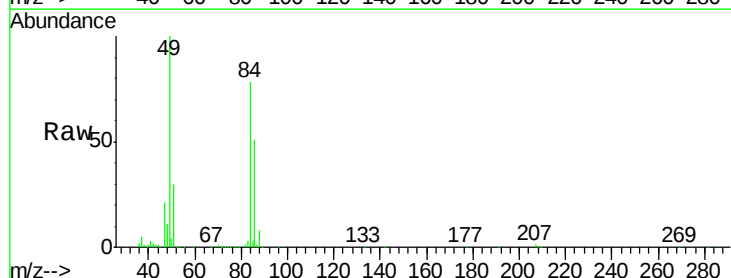
RT: 2.83 min Scan# 286

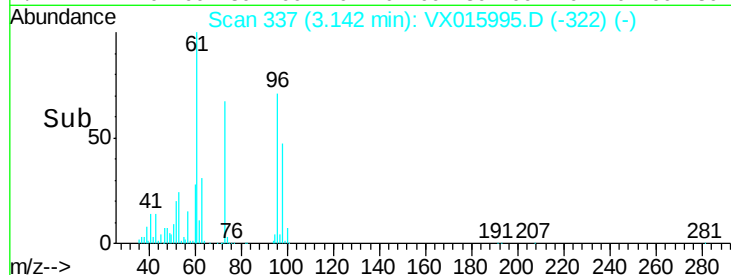
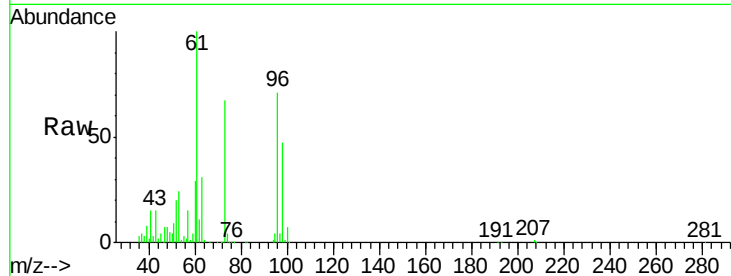
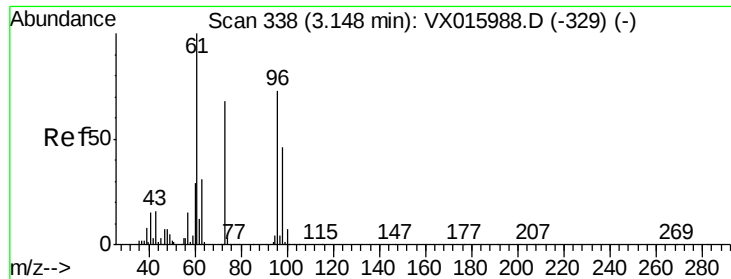
Delta R.T. -0.01 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Tgt Ion:	84	Resp:	60293
Ion	Ratio	Lower	Upper
84	100		
49	127.8	103.0	154.4
51	38.8	31.4	47.0
86	65.8	51.7	77.5





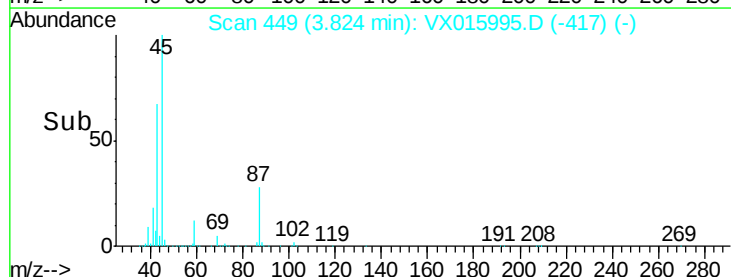
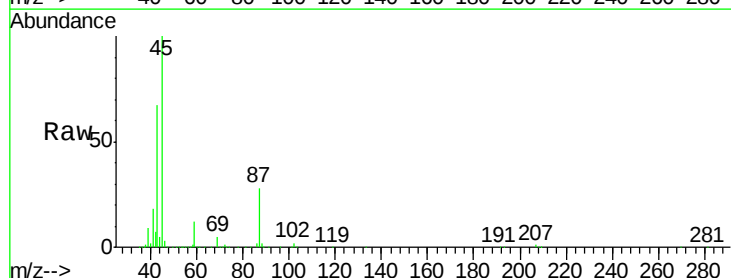
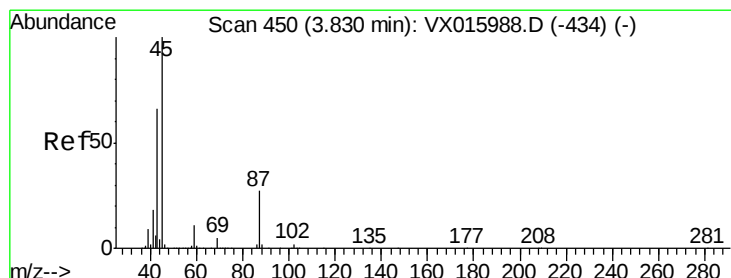
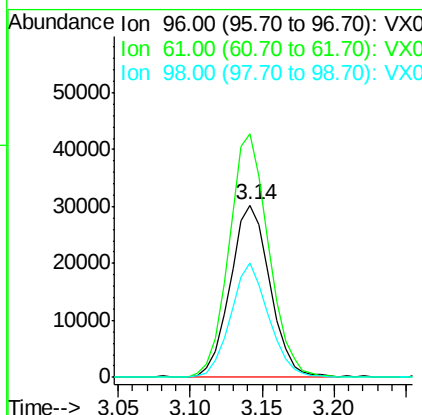
#19
trans-1,2-Dichloroethene
Concen: 18.673 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.01 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.4	109.0	163.4
98	66.7	50.0	75.0

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

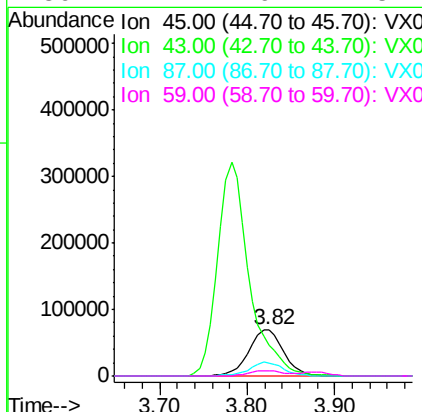
Manual Integrations
APPROVED

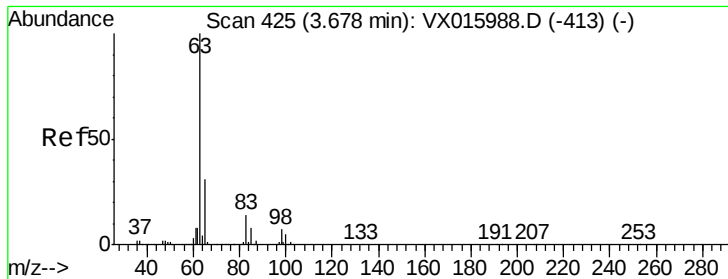
MMDadoda
5/4/2020 3:10:23 PM



#20
Diisopropyl ether
Concen: 18.929 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.01 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

Tgt Ion	Ratio	Lower	Upper
45	100		
43	65.5	53.0	79.4
87	27.7	21.9	32.9
59	12.1	9.1	13.7





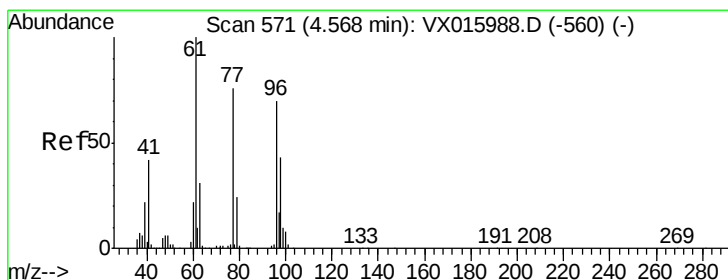
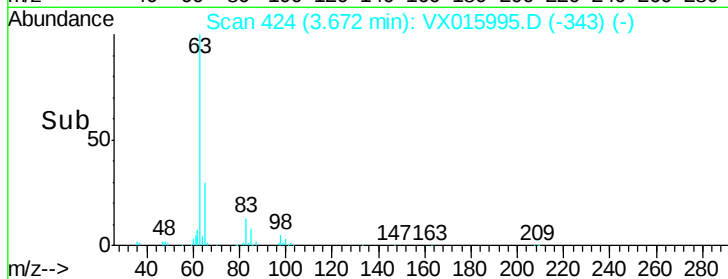
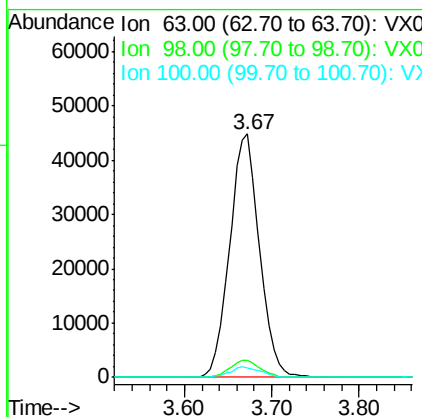
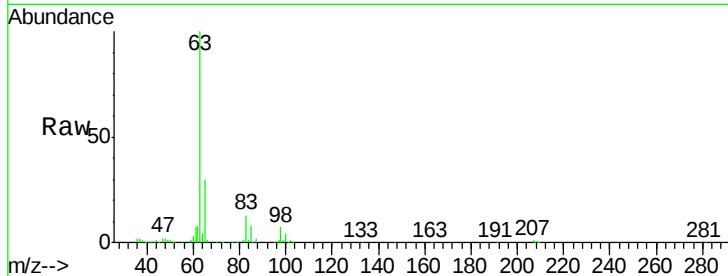
#21
1,1-Dichloroethane
Concen: 18.823 ug/l
RT: 3.67 min Scan# 424
Delta R.T. -0.01 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
63	100	106014		
98	6.9	3.5	10.4	
100	3.6	2.3	6.9	

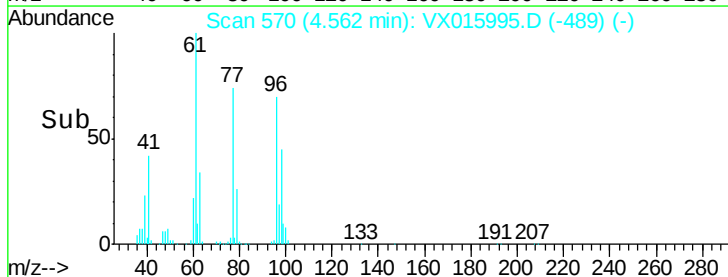
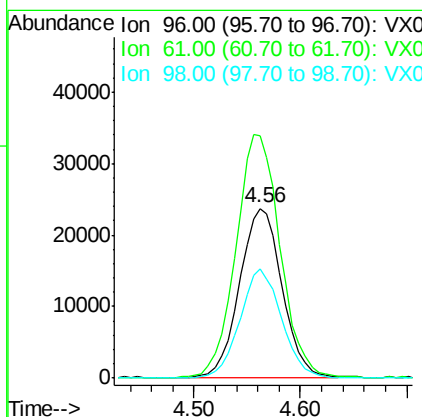
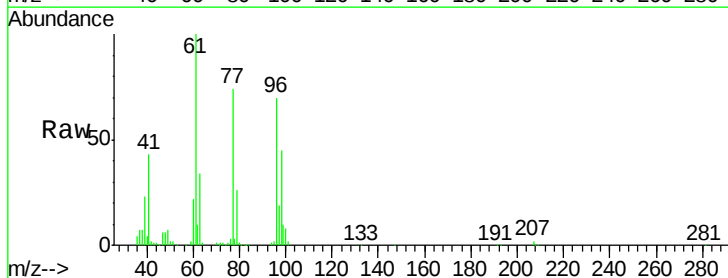
Manual Integrations
APPROVED

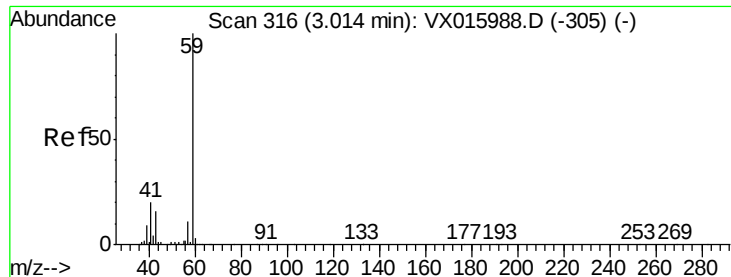
MMDadoda
5/4/2020 3:10:23 PM



#22
cis-1,2-Dichloroethene
Concen: 18.862 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	66116		
61	150.0	121.6	182.4	
98	63.4	51.9	77.9	





#23

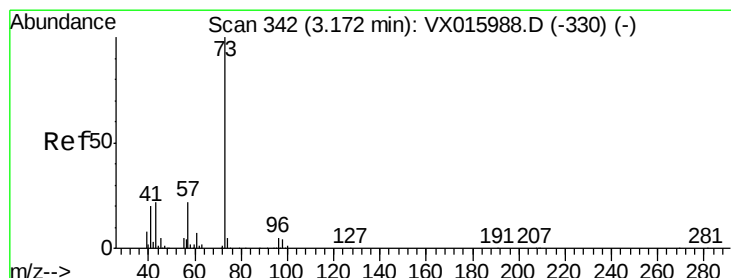
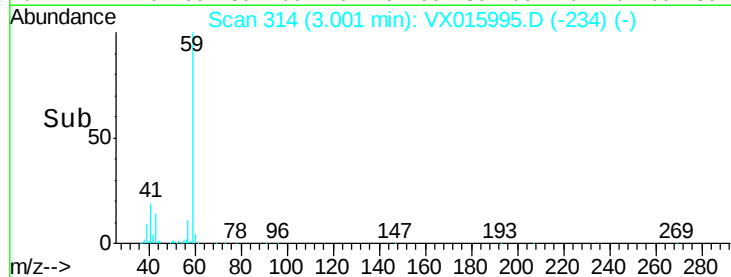
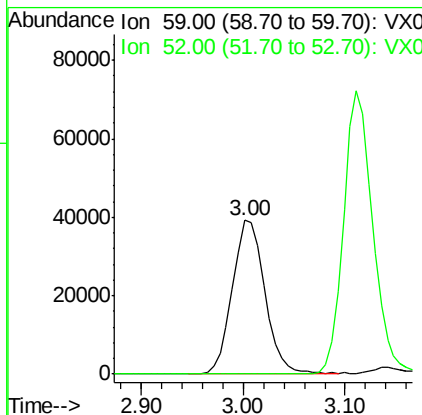
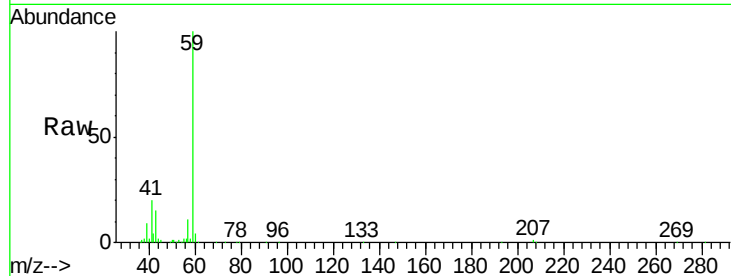
tert-Butyl Alcohol
 Concen: 97.730 ug/l
 RT: 3.00 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX015995.D
 Acq: 30 Apr 2020 15:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0430WBSD01

Tot Ion	59	52
Resp	87128	
Ratio	100	0.1
Lower		0.1
Upper		0.1#

Manual Integrations
 APPROVED

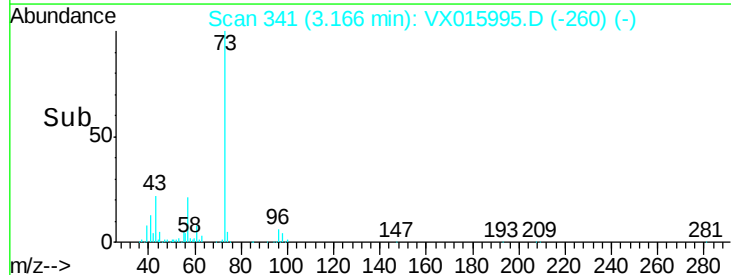
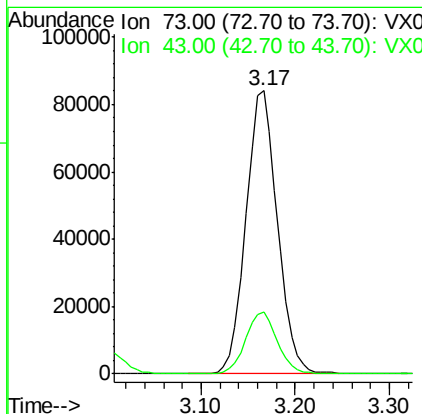
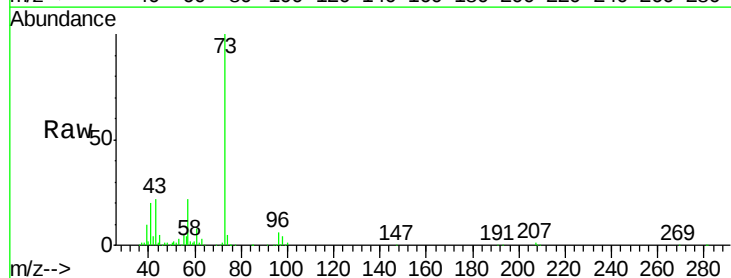
MMDadoda
 5/4/2020 3:10:23 PM

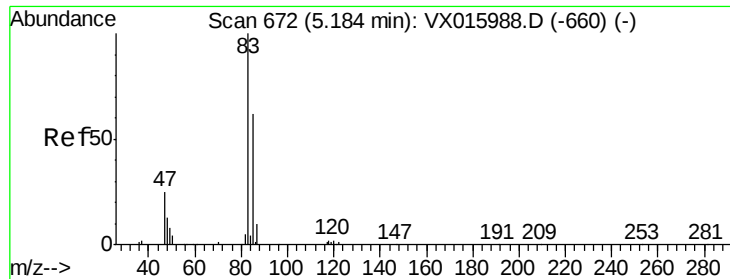


#24

Methyl tert-Butyl Ether
 Concen: 19.347 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VX015995.D
 Acq: 30 Apr 2020 15:15

Tgt Ion	73	43
Resp	196208	
Ratio	100	21.6
Lower		17.8
Upper		26.6





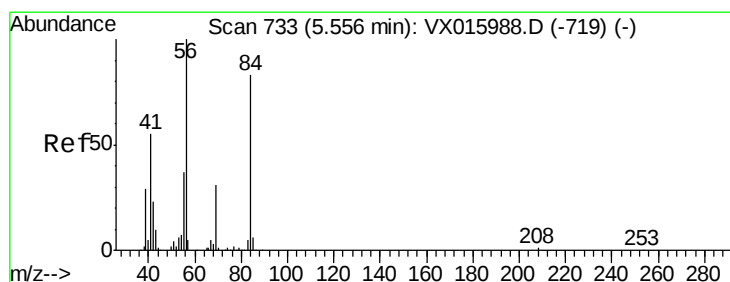
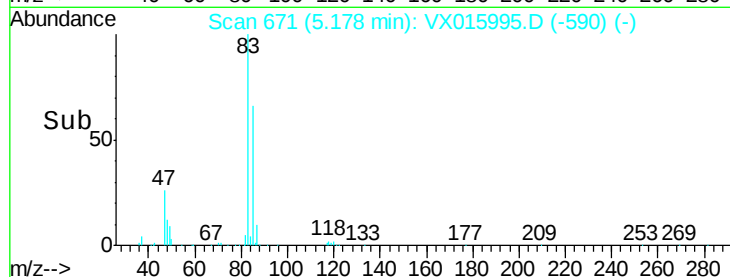
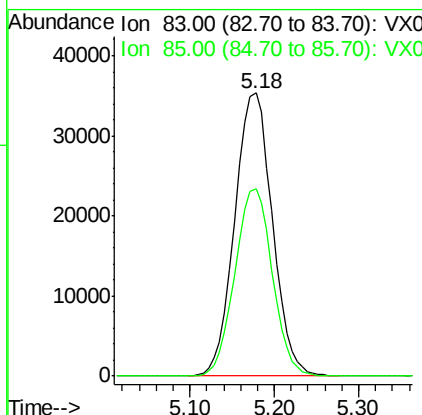
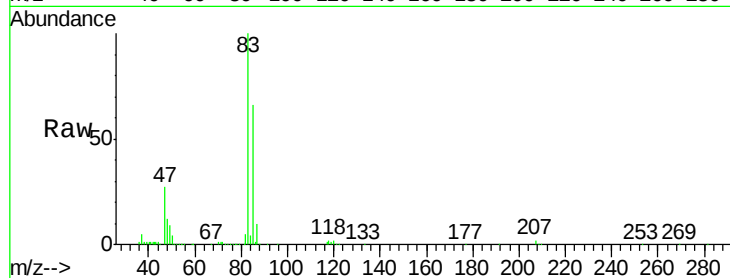
#25
Chloroform
Concen: 18.727 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Tot Ion	83	Resp	107122
Ion Ratio	Lower	Upper	
83	100		
85	66.0	49.6	74.4

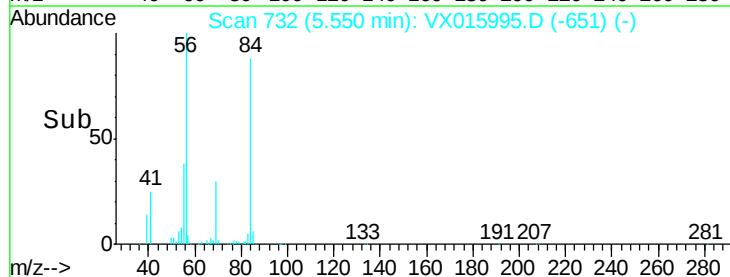
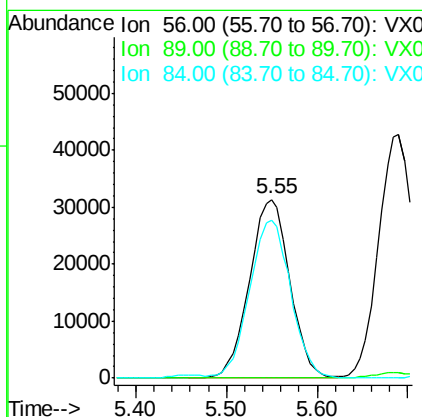
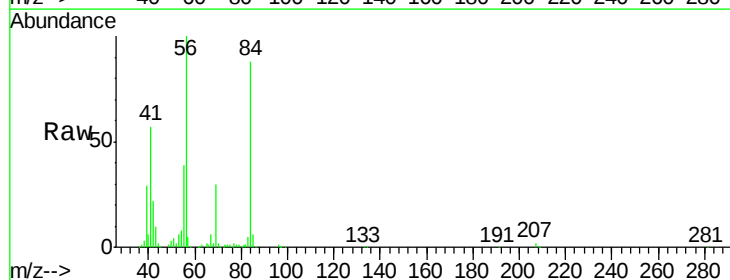
Manual Integrations
APPROVED

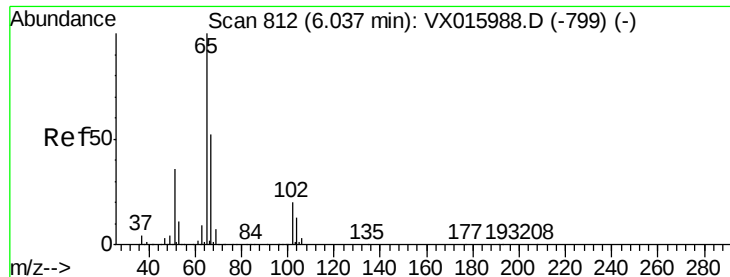
MMDadoda
5/4/2020 3:10:23 PM



#26
Cyclohexane
Concen: 18.740 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

Tgt Ion	56	Resp	96516
Ion Ratio	Lower	Upper	
56	100		
89	0.0	0.1	0.1#
84	90.0	70.1	105.1





#27

1,2-Dichloroethane-d4

Concen: 30.380 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.01 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Instrument :

MSVOA_X

ClientSampleId :

VX0430WBSD01

Tot Ion: 65 Resp: 115226

Ion Ratio Lower Upper

65 100

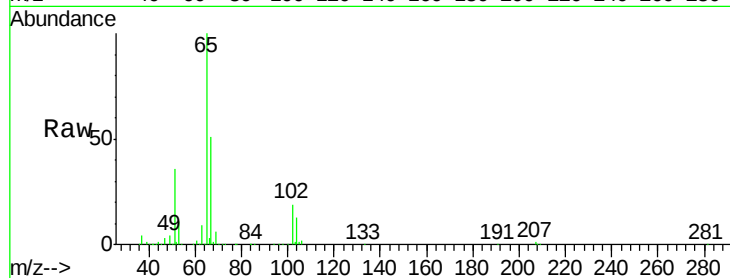
67 51.4 41.0 61.4

Manual Integrations

APPROVED

MMDadoda

5/4/2020 3:10:23 PM



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

6.03

50000

40000

30000

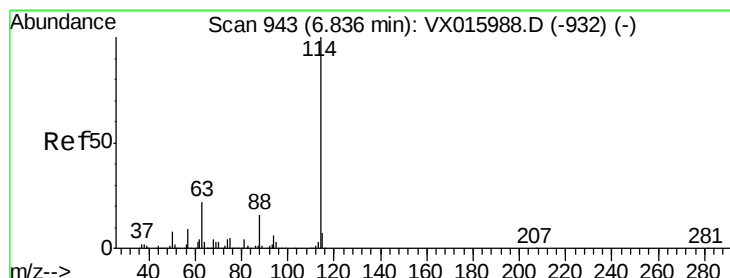
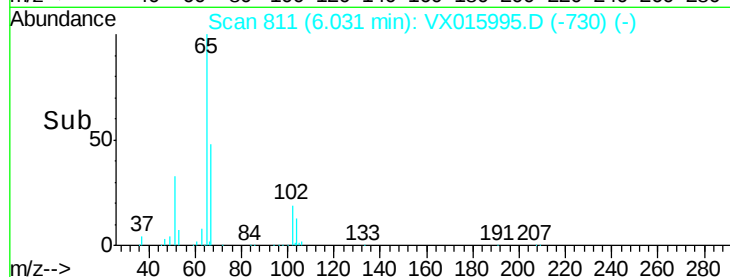
20000

10000

0

Time-->

5.90 6.00 6.10



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

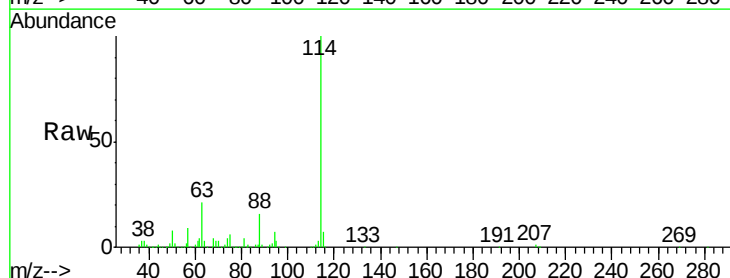
Tgt Ion: 114 Resp: 273949

Ion Ratio Lower Upper

114 100

63 20.9 17.1 25.7

88 15.7 13.0 19.4



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

150000

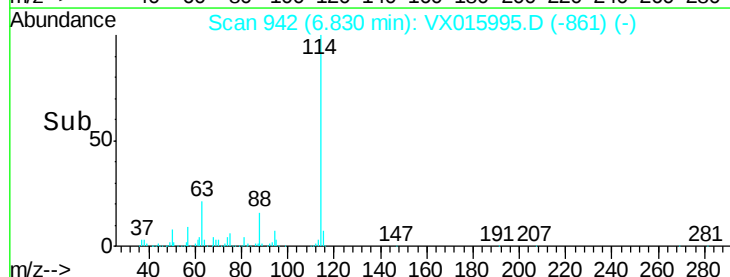
100000

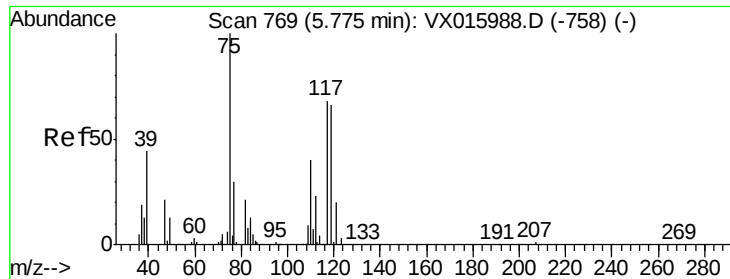
50000

0

Time-->

6.70 6.80 6.90





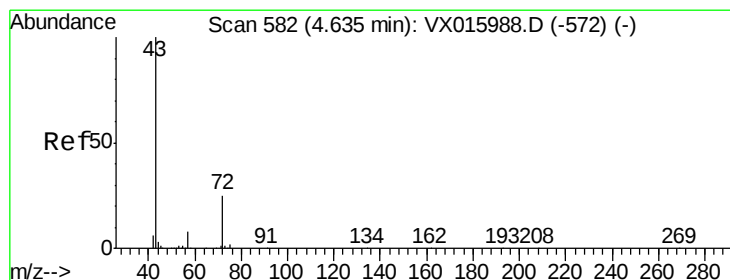
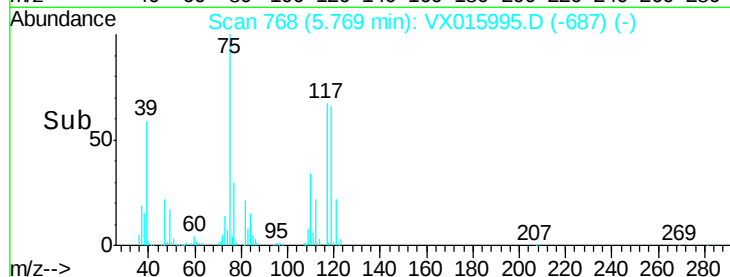
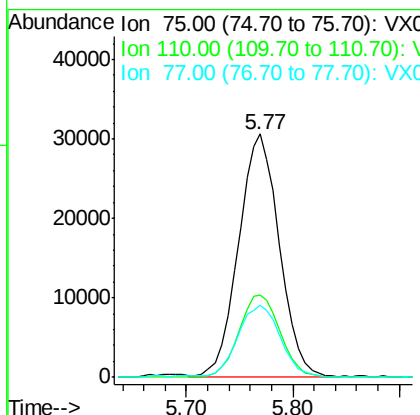
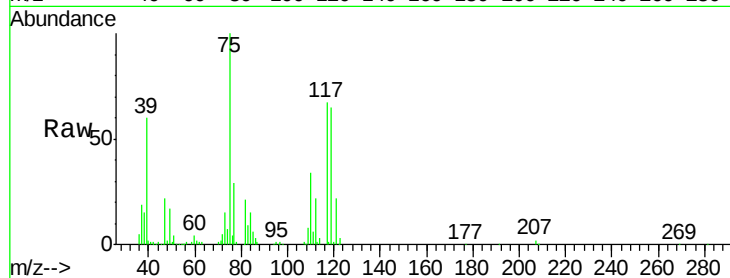
#29
 1,1-Dichloropropene
 Concen: 18.901 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: VX015995.D
 Acq: 30 Apr 2020 15:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0430WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
110	34.8	0.0	71.0
77	31.5	0.0	64.2

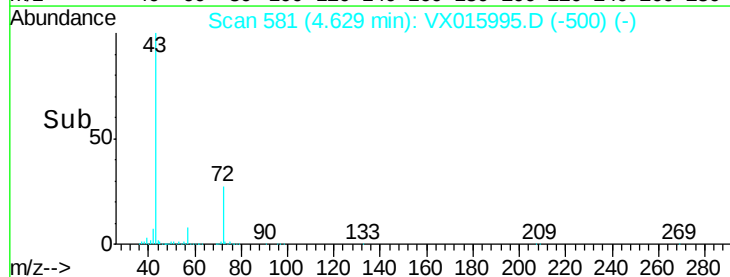
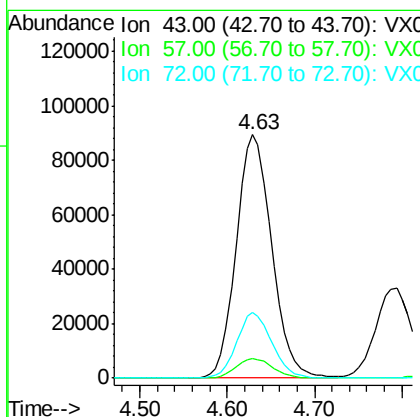
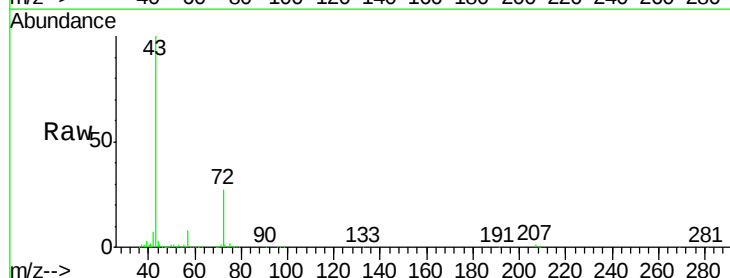
Manual Integrations
 APPROVED

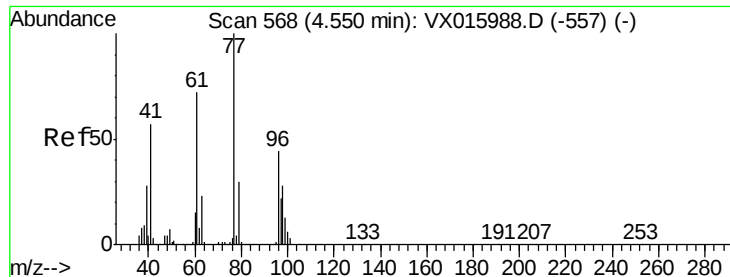
MMDadoda
 5/4/2020 3:10:23 PM



#30
 2-Butanone
 Concen: 97.649 ug/l
 RT: 4.63 min Scan# 581
 Delta R.T. -0.01 min
 Lab File: VX015995.D
 Acq: 30 Apr 2020 15:15

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.4	6.3	9.5
72	26.7	20.8	31.2





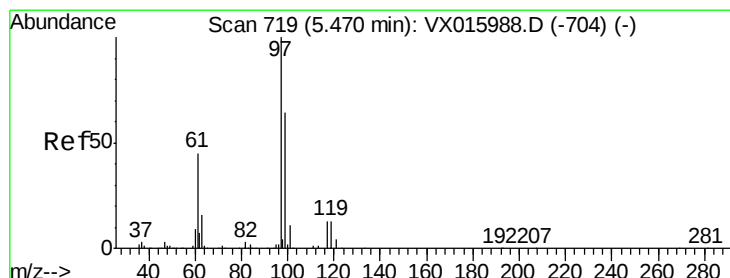
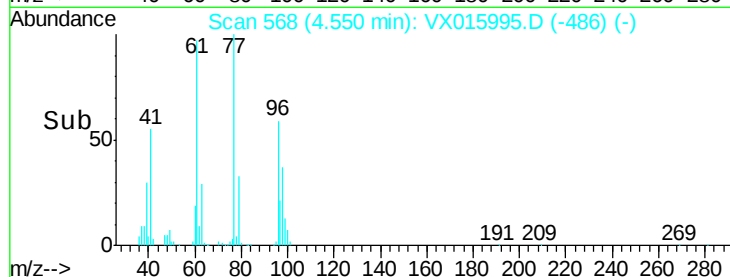
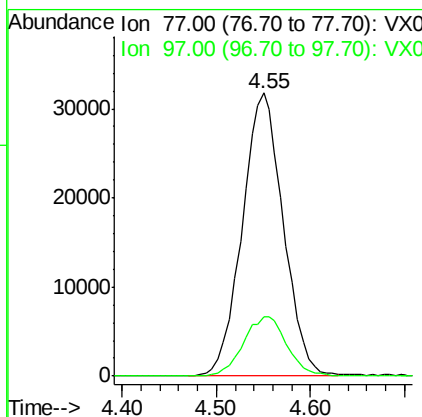
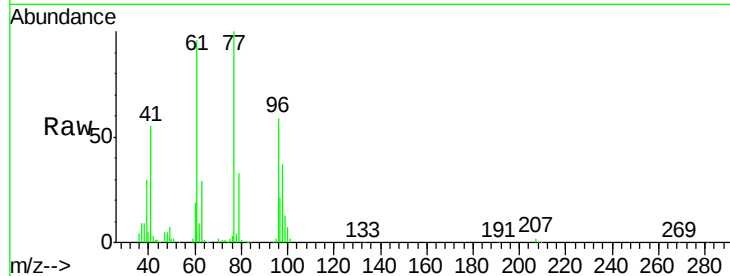
#31
 2,2-Dichloropropane
 Concen: 18.514 ug/l
 RT: 4.55 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: VX015995.D
 Acq: 30 Apr 2020 15:15

Instrument :
 MSVOA_X
 ClientSampled :
 VX0430WBSD01

Tot Ion	Ratio	Lower	Upper
77	100		
97	22.4	17.8	26.8

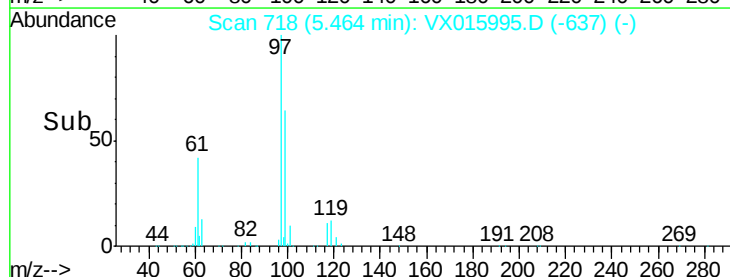
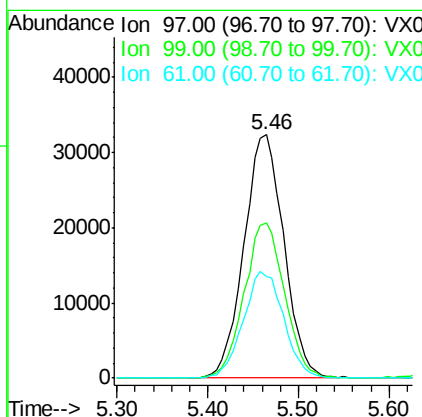
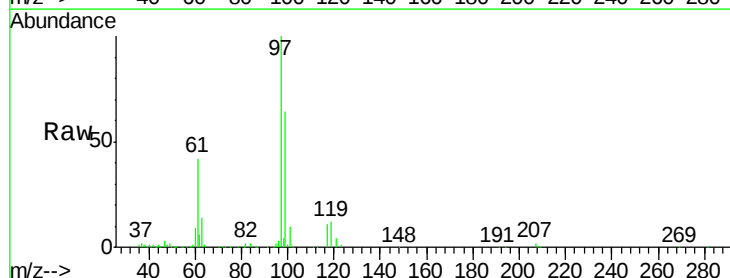
Manual Integrations
 APPROVED

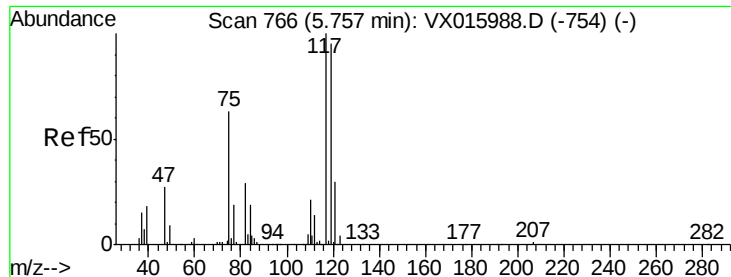
MMDadoda
 5/4/2020 3:10:23 PM



#32
 1,1,1-Trichloroethane
 Concen: 18.934 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX015995.D
 Acq: 30 Apr 2020 15:15

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	50.7	76.1
61	44.2	35.9	53.9





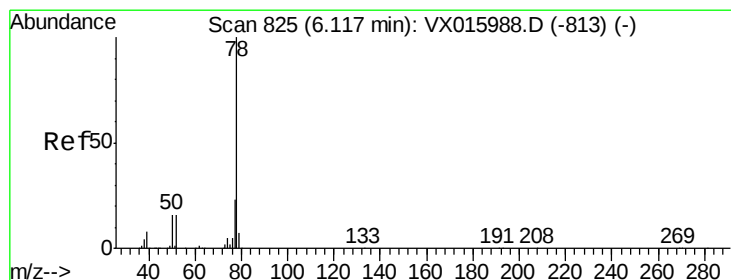
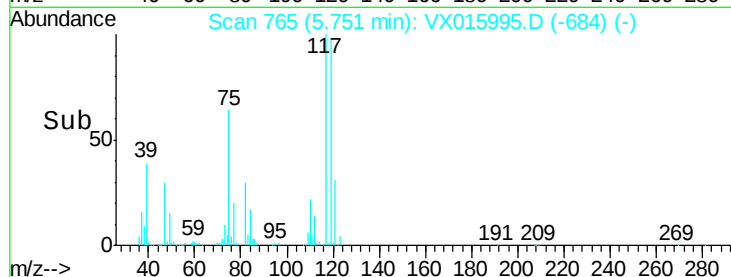
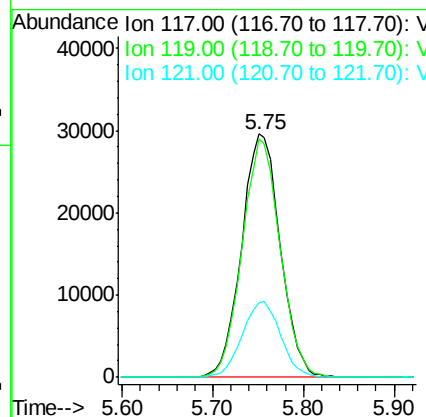
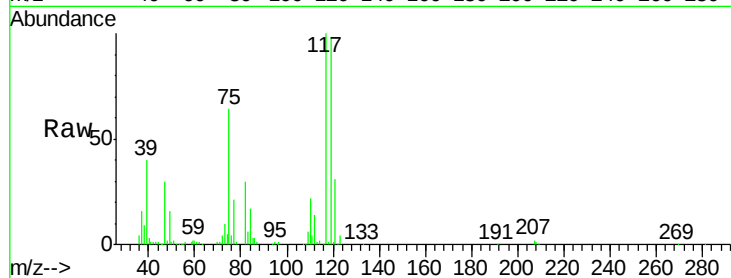
#33
Carbon Tetrachloride
Concen: 18.729 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
119	97.5	76.3	114.5
121	30.7	24.2	36.4

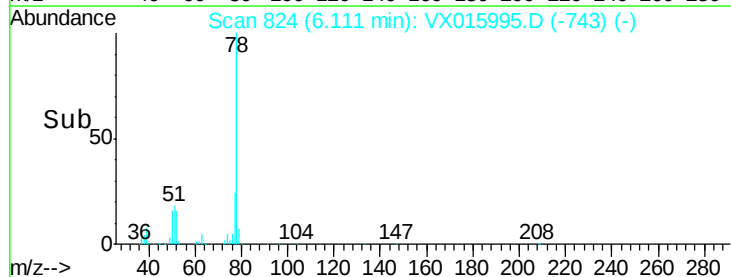
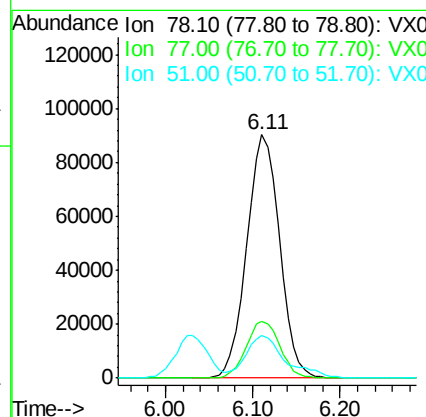
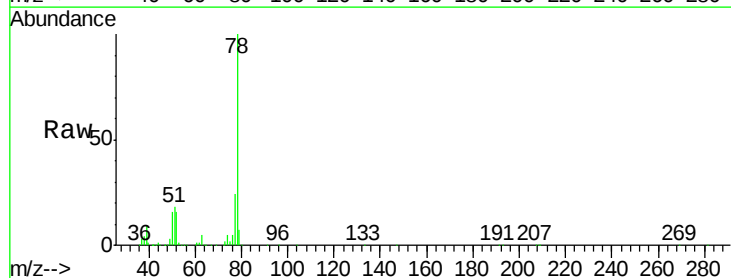
Manual Integrations
APPROVED

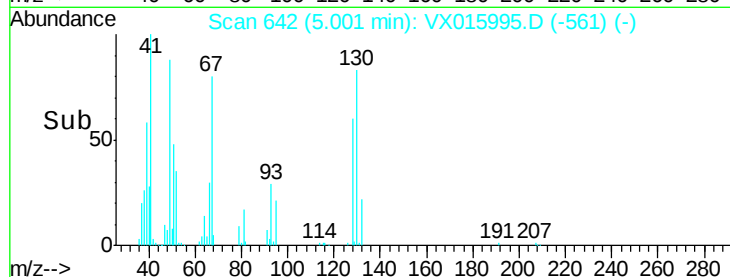
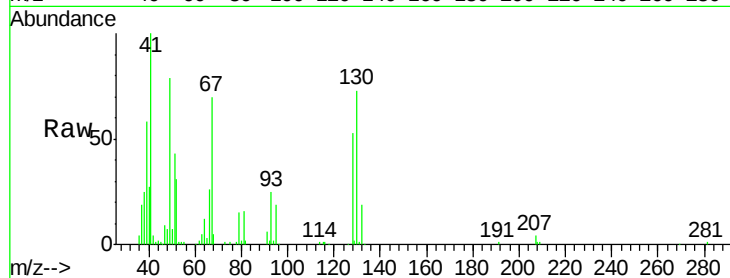
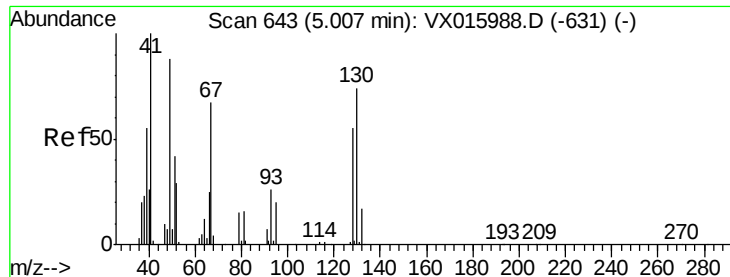
MMDadoda
5/4/2020 3:10:23 PM



#34
Benzene
Concen: 18.745 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.7	28.1
51	17.3	12.7	19.1





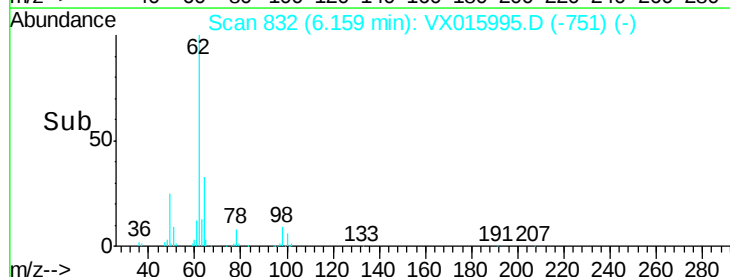
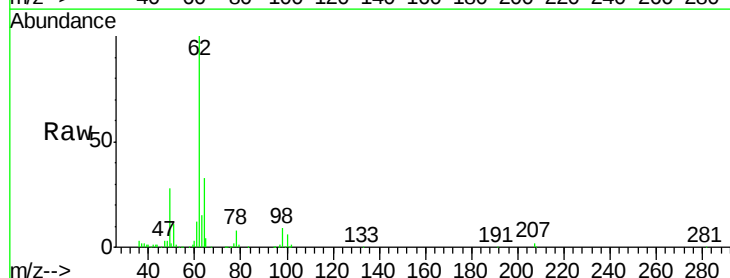
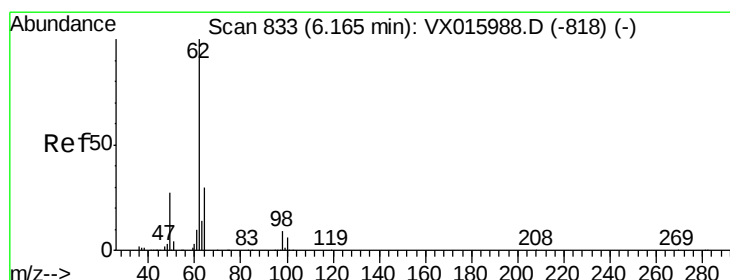
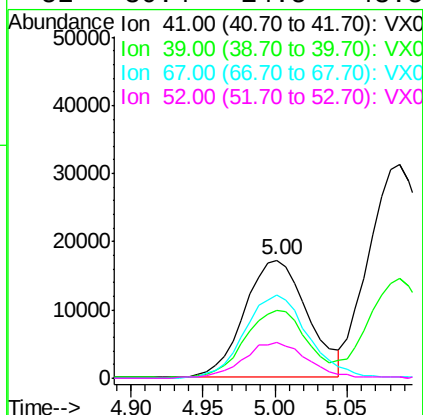
#35
Methacrylonitrile
Concen: 19.150 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

Tot Ion	Ratio	Lower	Upper
41	100		
39	57.7	27.5	82.4
67	70.2	33.6	100.6
52	30.4	14.5	43.5

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

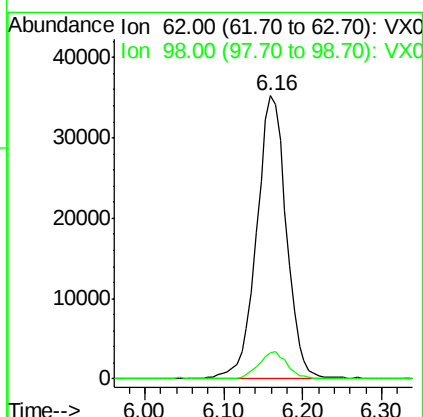
Manual Integrations
APPROVED

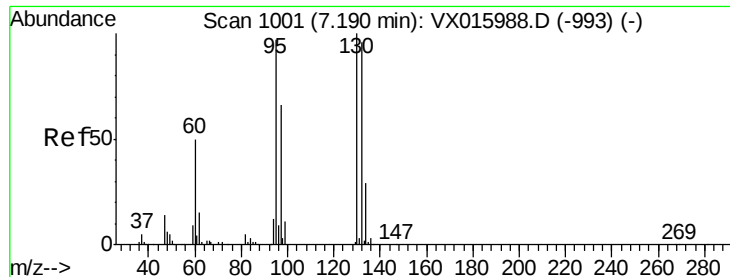
MMDadoda
5/4/2020 3:10:23 PM



#36
1,2-Dichloroethane
Concen: 19.246 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.2	7.4	11.2





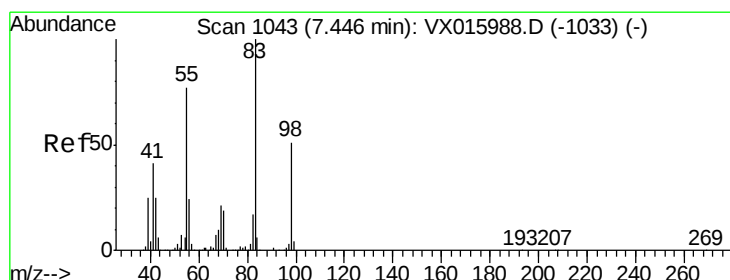
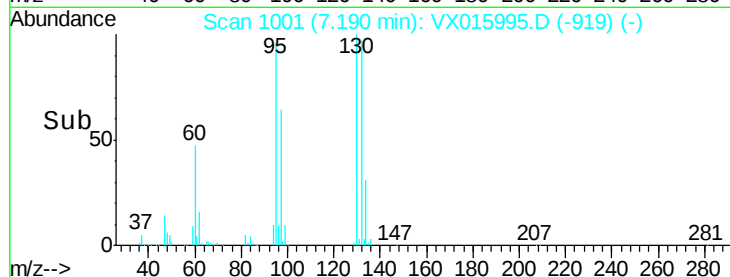
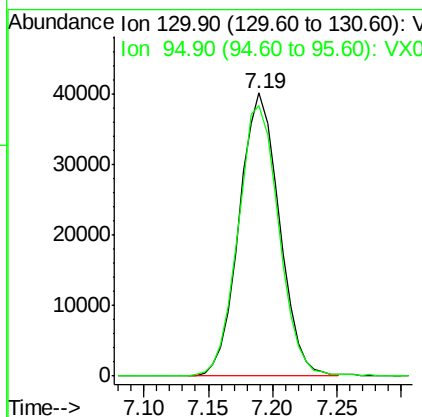
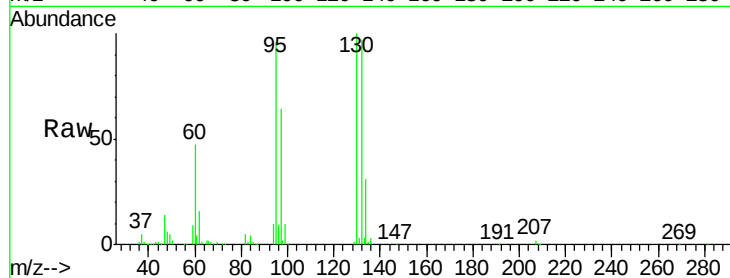
#37
 Trichloroethene
 Concen: 19.369 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX015995.D
 Acq: 30 Apr 2020 15:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0430WBSD01

Tot Ion:130 Resp: 86714
 Ion Ratio Lower Upper
 130 100
 95 95.5 77.8 116.8

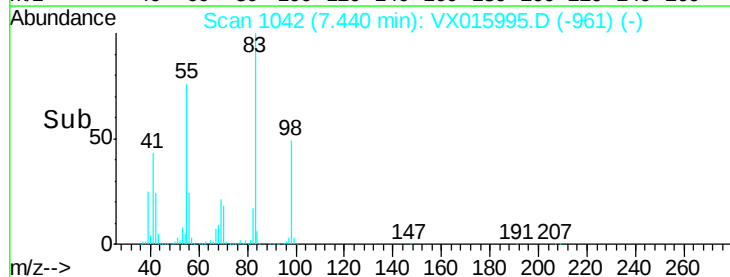
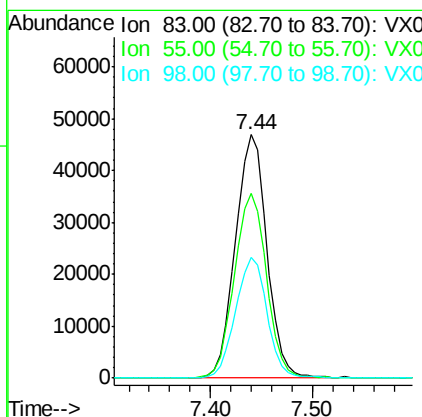
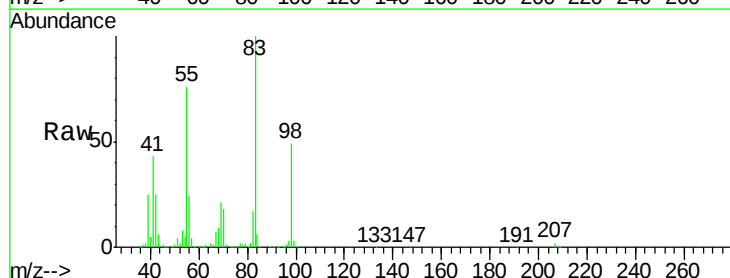
Manual Integrations
 APPROVED

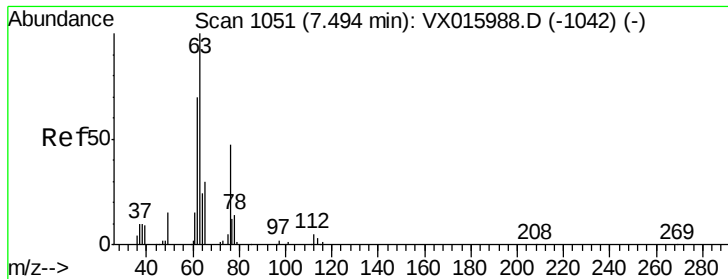
MMDadoda
 5/4/2020 3:10:23 PM



#38
 Methylcyclohexane
 Concen: 19.118 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX015995.D
 Acq: 30 Apr 2020 15:15

Tgt Ion: 83 Resp: 100666
 Ion Ratio Lower Upper
 83 100
 55 77.3 38.8 116.4
 98 49.9 25.1 75.3





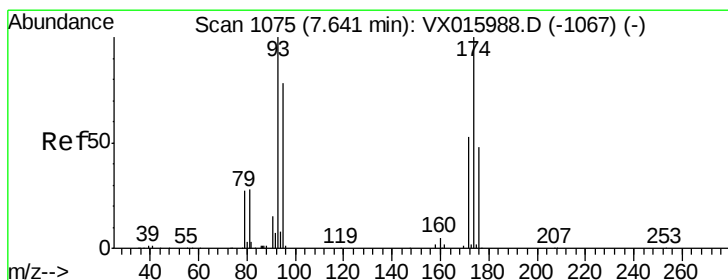
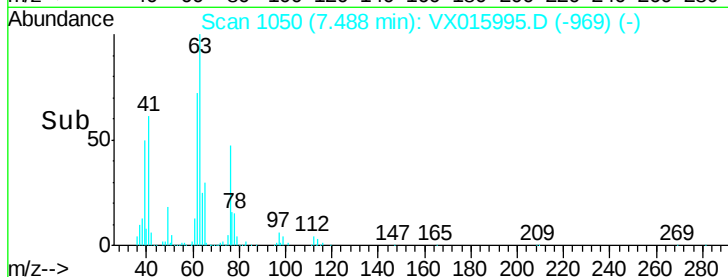
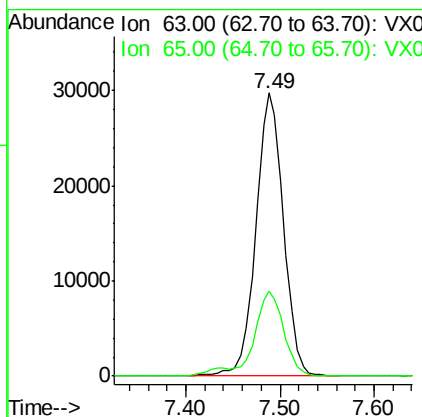
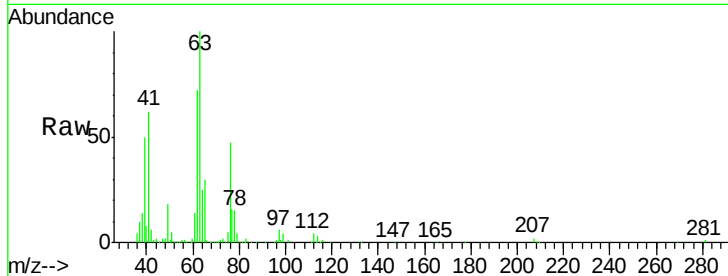
#39
 1,2-Dichloropropane
 Concen: 18.918 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX015995.D
 Acq: 30 Apr 2020 15:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0430WBSD01

Tot Ion	63	Resp	61113
Ion Ratio	100	Lower	Upper
63	100		
65	29.9	25.9	38.9

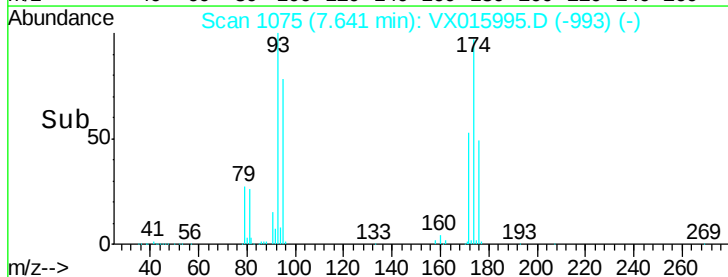
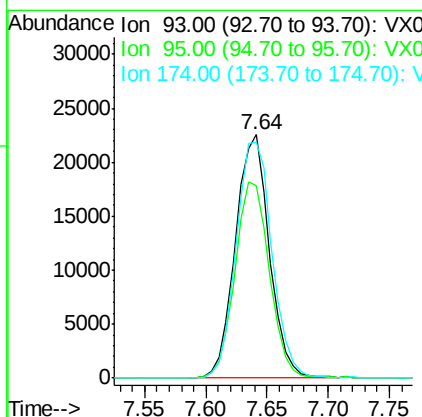
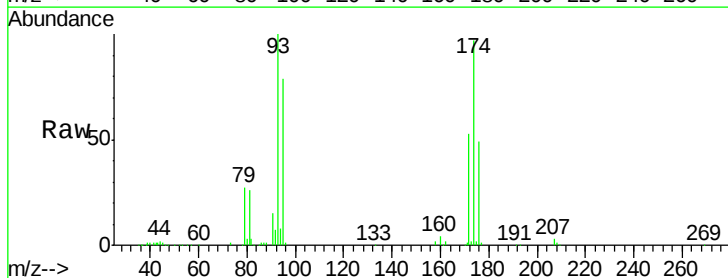
Manual Integrations
 APPROVED

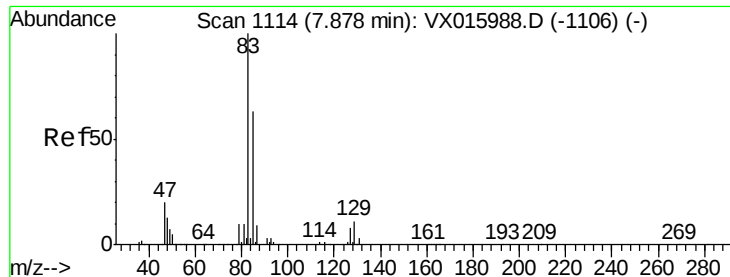
MMDadoda
 5/4/2020 3:10:23 PM



#40
 Dibromomethane
 Concen: 19.326 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX015995.D
 Acq: 30 Apr 2020 15:15

Tgt Ion	93	Resp	43351
Ion Ratio	100	Lower	Upper
93	100		
95	82.1	0.0	162.8
174	102.9	0.0	204.0





#41

Bromodichloromethane

Concen: 18.486 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Instrument :

MSVOA_X

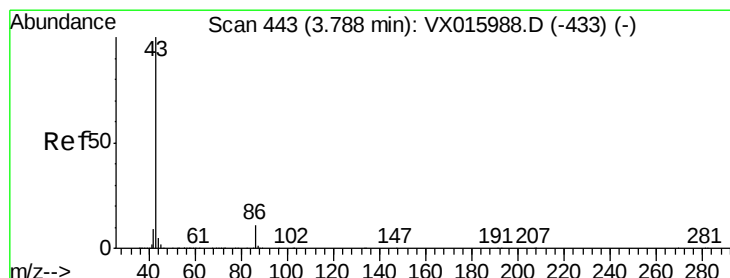
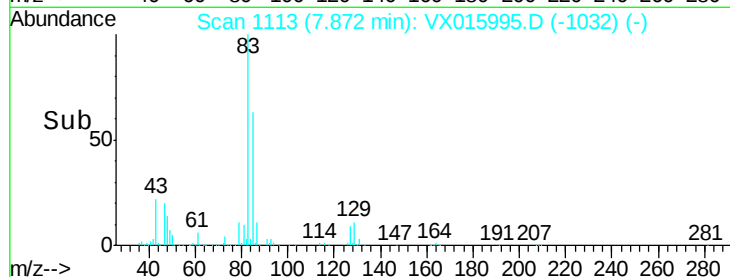
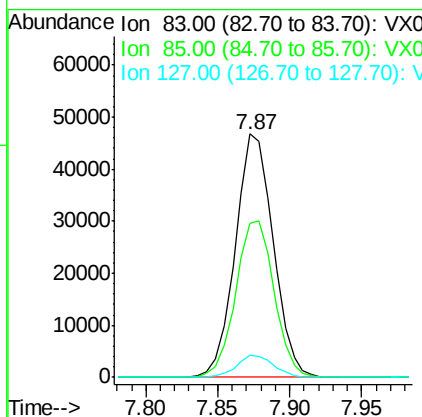
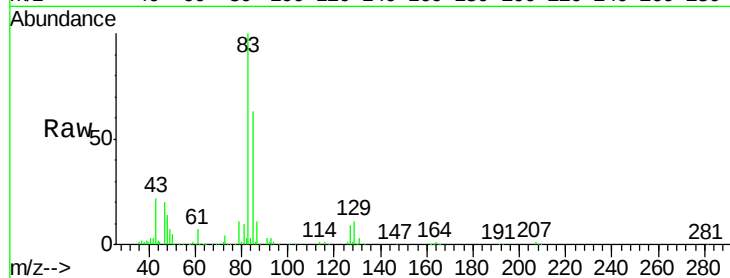
ClientSampleId :

VX0430WBSD01

Tot Ion:	83	Resp:	85485
Ion Ratio	Lower	Upper	
83	100		
85	63.1	50.4	75.6
127	9.2	6.7	10.1

Manual Integrations
APPROVED

MMDadoda
5/4/2020 3:10:23 PM



#42

Vinyl Acetate

Concen: 95.904 ug/l

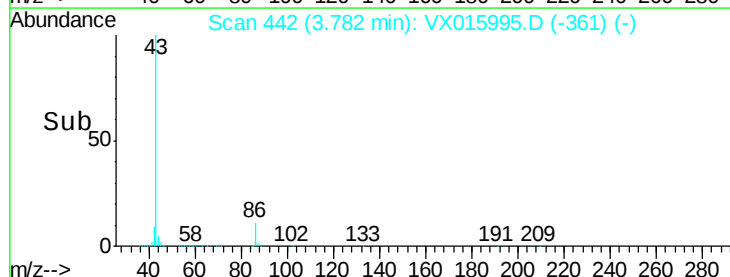
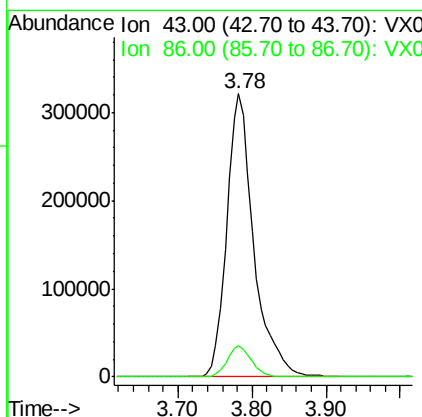
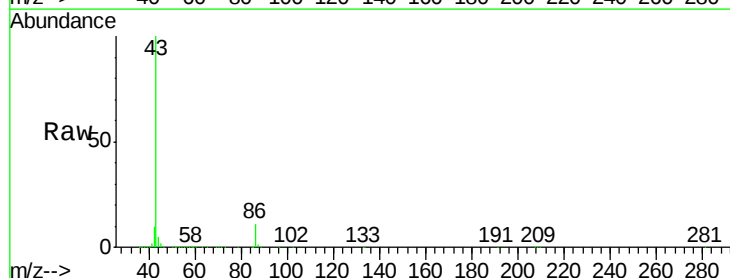
RT: 3.78 min Scan# 442

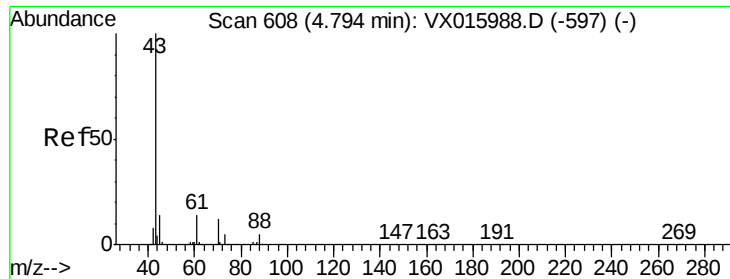
Delta R.T. -0.01 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Tgt Ion:	43	Resp:	814571
Ion Ratio	Lower	Upper	
43	100		
86	9.7	7.7	11.5





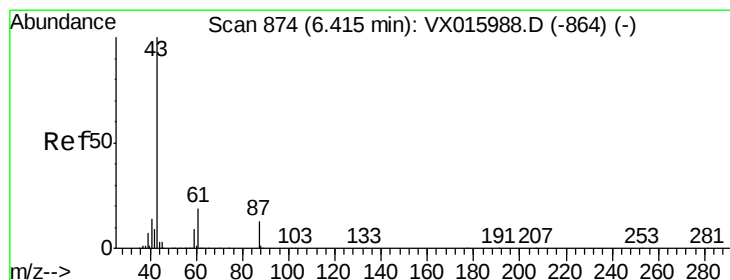
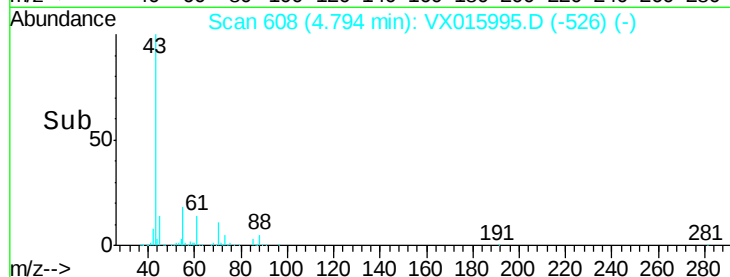
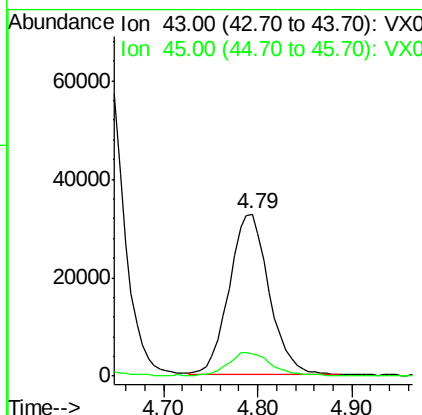
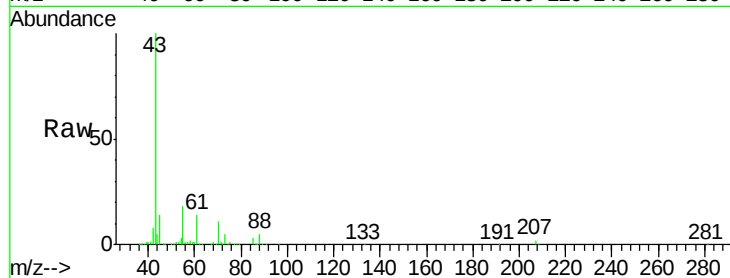
#43
Ethyl Acetate
Concen: 19.085 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Tot Ion	43	45	Ratio	Lower	Upper
96650	100	15.0		11.9	17.9

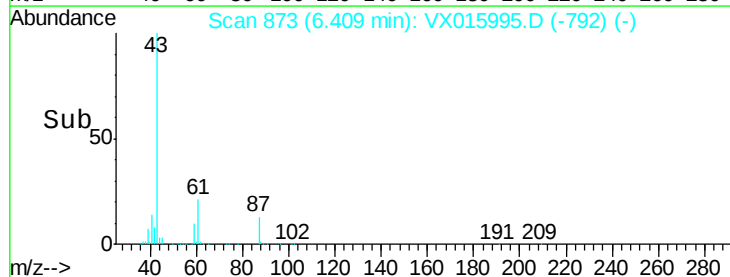
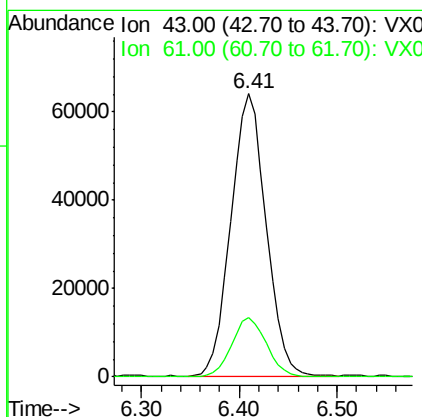
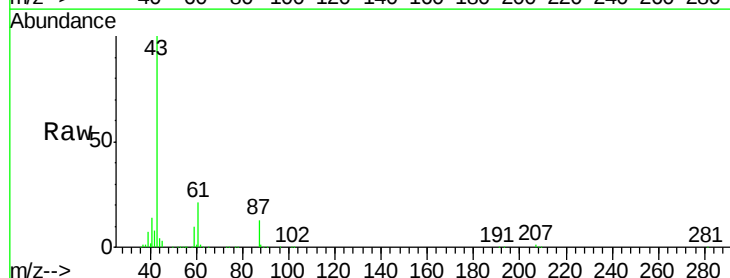
Manual Integrations
APPROVED

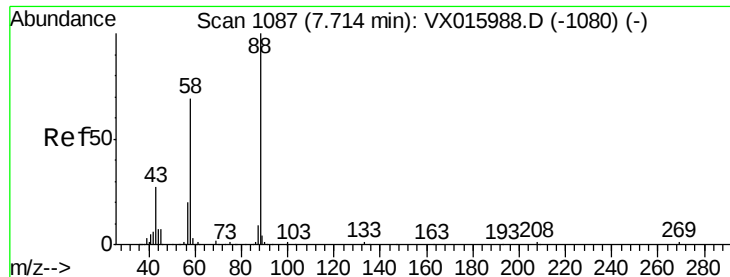
MMDadoda
5/4/2020 3:10:23 PM



#44
Isopropyl Acetate
Concen: 19.446 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

Tgt Ion	43	61	Ratio	Lower	Upper
159813	100	20.7		16.1	24.1





#45

1,4-Dioxane

Concen: 393.364 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Instrument :

MSVOA_X

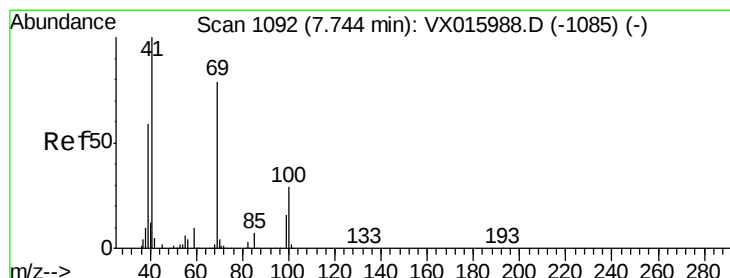
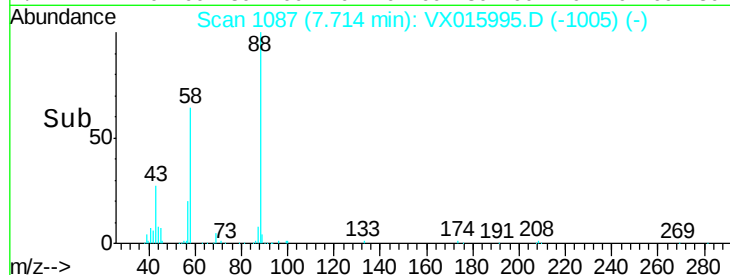
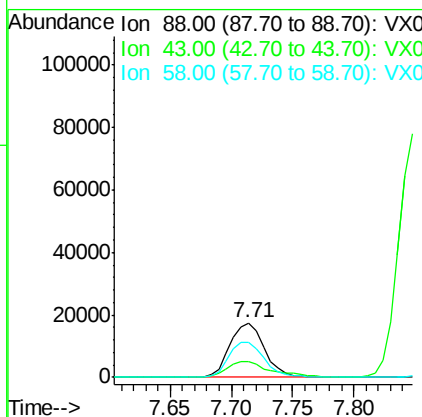
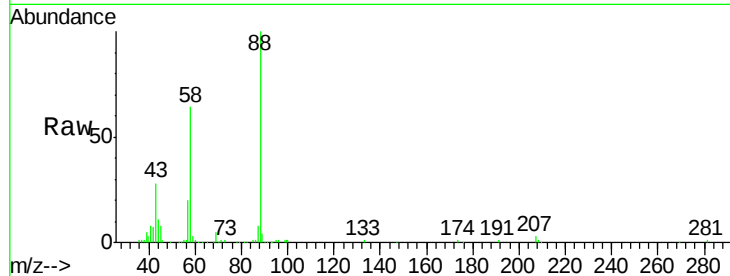
ClientSampleId :

VX0430WBSD01

Tot Ion:	88	Resp:	34147
Ion	Ratio	Lower	Upper
88	100		
43	33.7	26.3	39.5
58	68.3	57.0	85.6

Manual Integrations
APPROVED

MMDadoda
5/4/2020 3:10:23 PM



#46

Methyl methacrylate

Concen: 19.172 ug/l

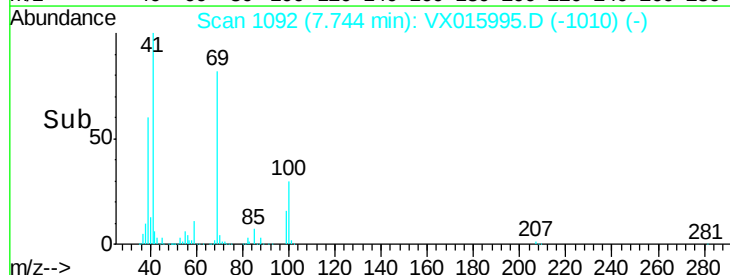
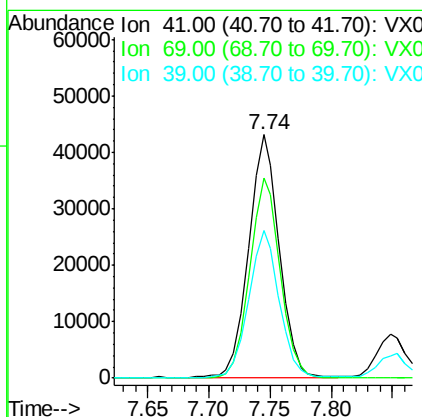
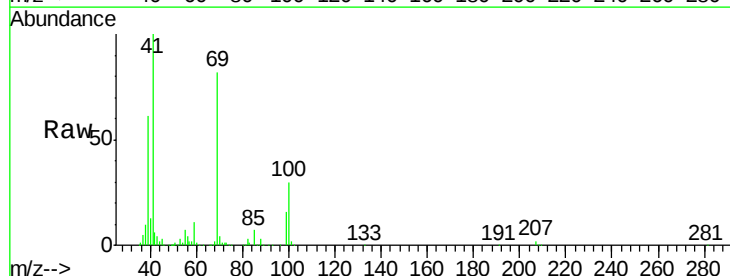
RT: 7.74 min Scan# 1092

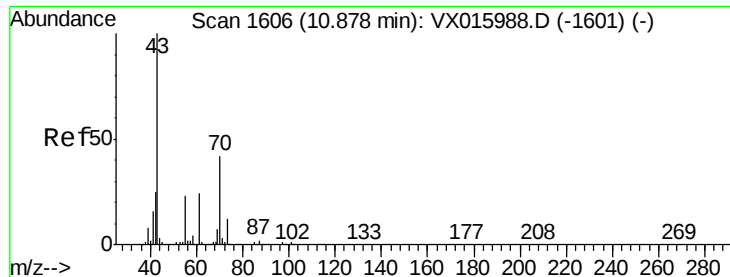
Delta R.T. 0.00 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Tgt Ion:	41	Resp:	74695
Ion	Ratio	Lower	Upper
41	100		
69	82.2	39.5	118.5
39	60.5	29.6	88.9





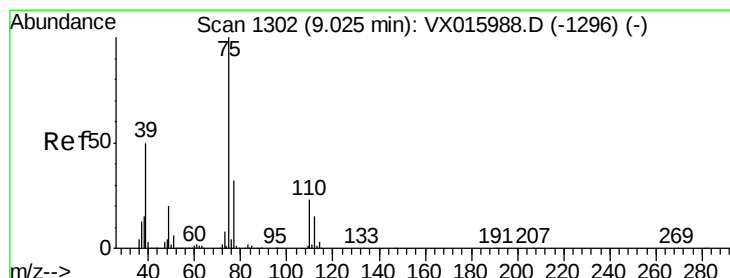
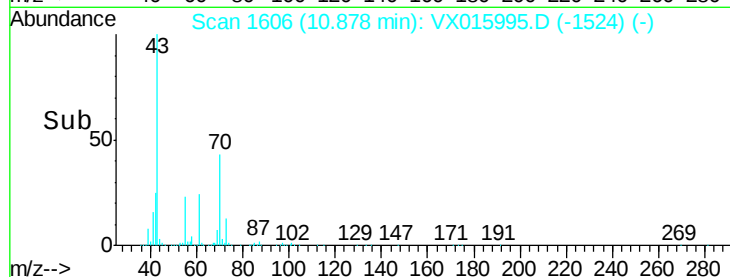
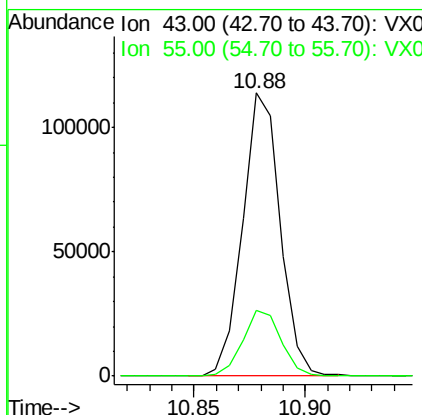
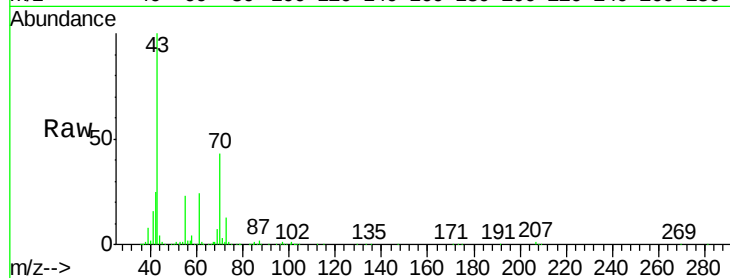
#47
n-amvl Acetate
Concen: 18.579 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

Instrument :
MSVOA_X
ClientSampled :
VX0430WBSD01

Tot Ion: 43 Resp: 133505
Ion Ratio Lower Upper
43 100
55 23.8 19.0 28.4

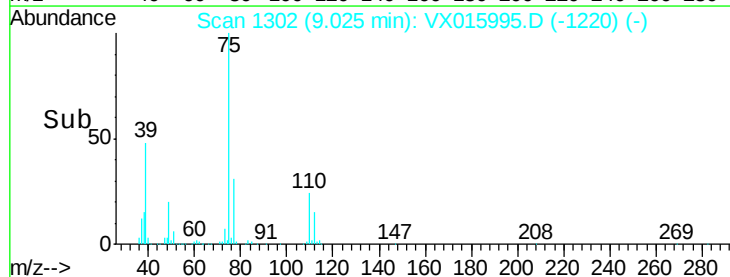
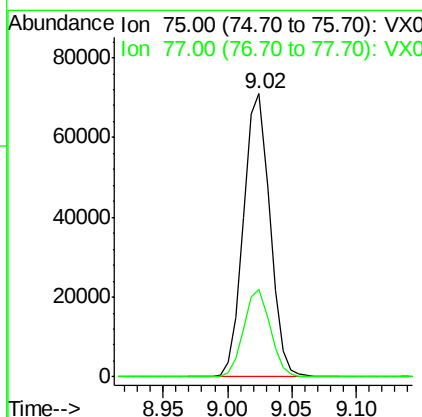
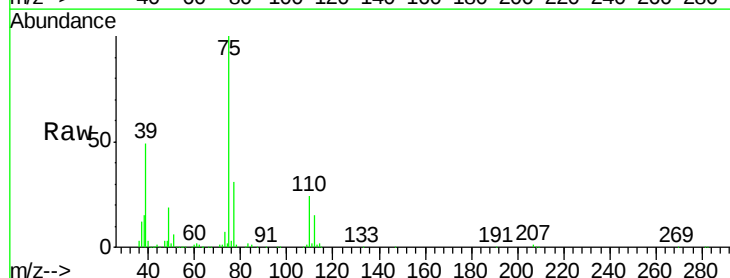
Manual Integrations
APPROVED

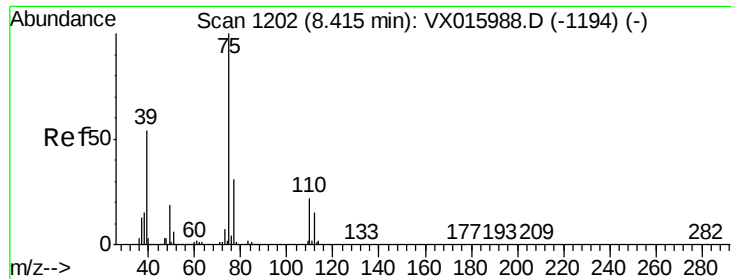
MMDadoda
5/4/2020 3:10:23 PM



#48
t-1,3-Dichloropropene
Concen: 18.795 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

Tgt Ion: 75 Resp: 100930
Ion Ratio Lower Upper
75 100
77 30.8 25.8 38.8





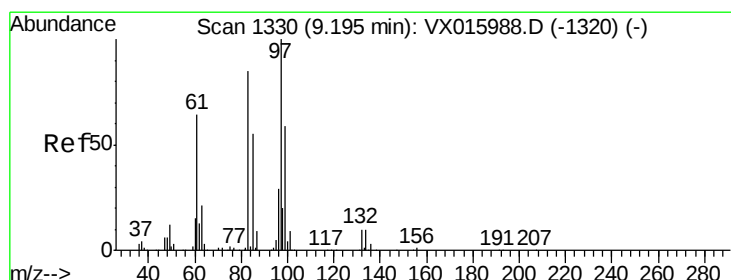
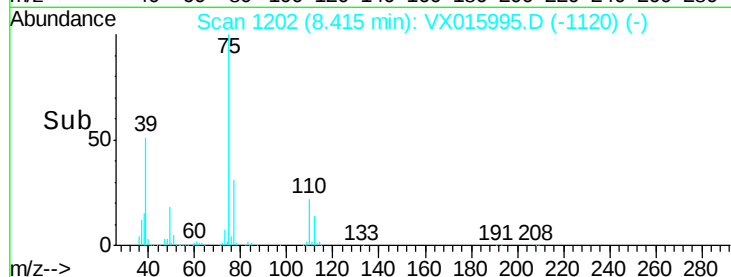
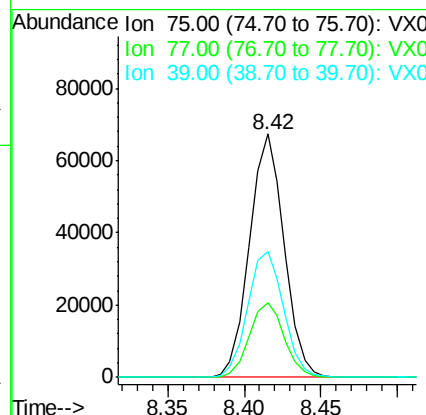
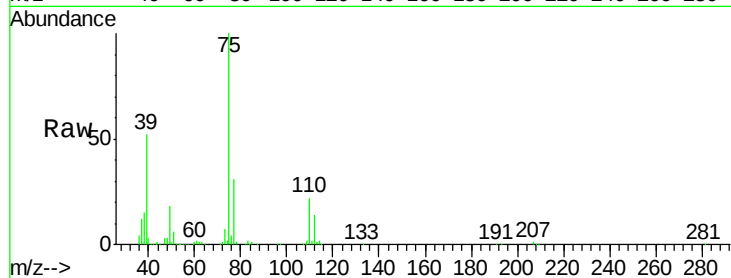
#49
 cis-1,3-Dichloropropene
 Concen: 19.108 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX015995.D
 Acq: 30 Apr 2020 15:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0430WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
75	100			
77	30.9	25.0	37.6	
39	51.5	43.2	64.8	

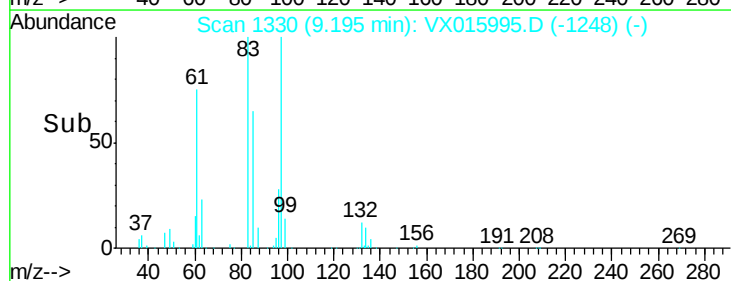
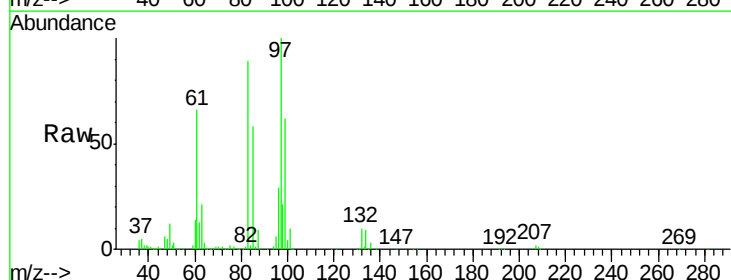
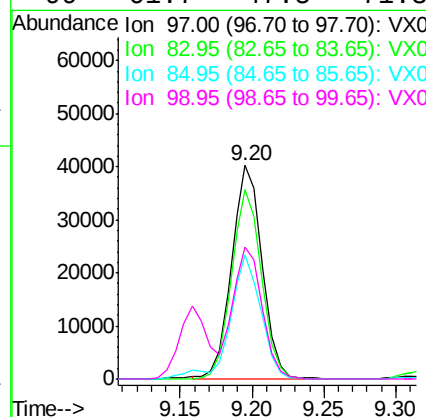
Manual Integrations
 APPROVED

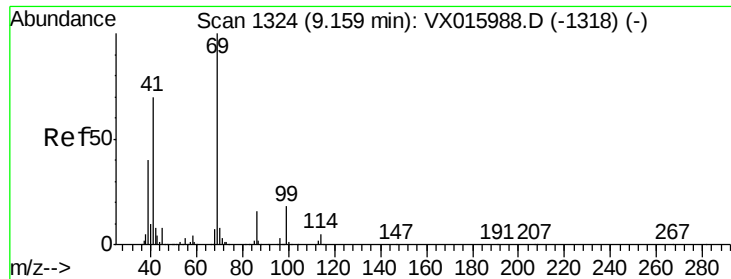
MMDadoda
 5/4/2020 3:10:23 PM



#50
 1,1,2-Trichloroethane
 Concen: 18.741 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX015995.D
 Acq: 30 Apr 2020 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
97	100			
83	88.9	67.7	101.5	
85	58.2	43.7	65.5	
99	61.7	47.5	71.3	





#51

Ethyl methacrylate

Concen: 18.600 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Instrument :

MSVOA_X

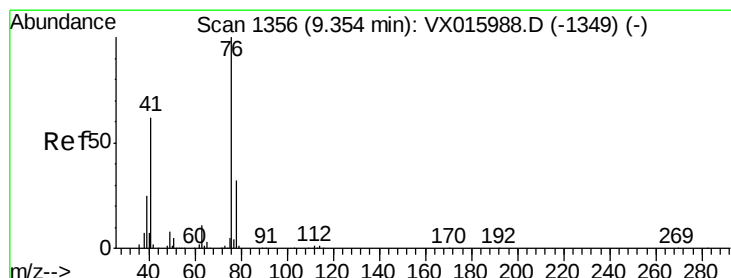
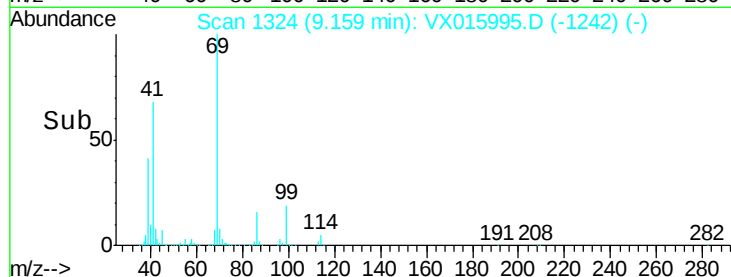
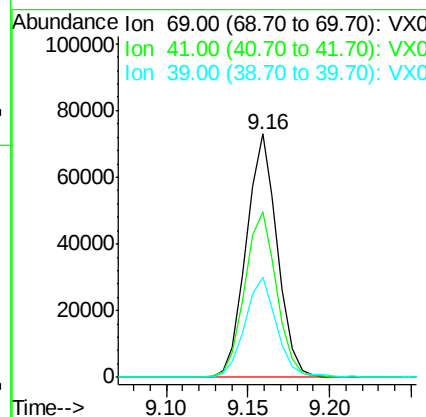
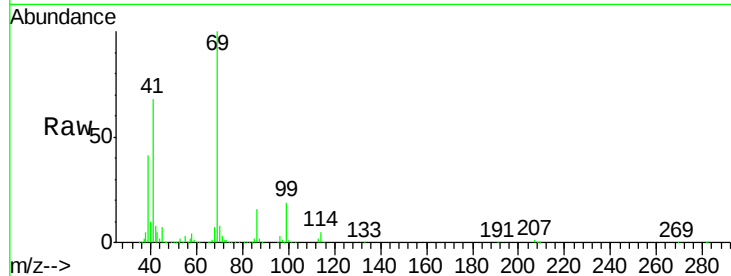
ClientSampleId :

VX0430WBSD01

Tot Ion:	69	Resp:	97087
Ion	Ratio	Lower	Upper
69	100		
41	67.8	34.8	104.4
39	40.8	19.8	59.4

Manual Integrations
APPROVED

MMDadoda
5/4/2020 3:10:23 PM



#52

1,3-Dichloropropane

Concen: 19.160 ug/l

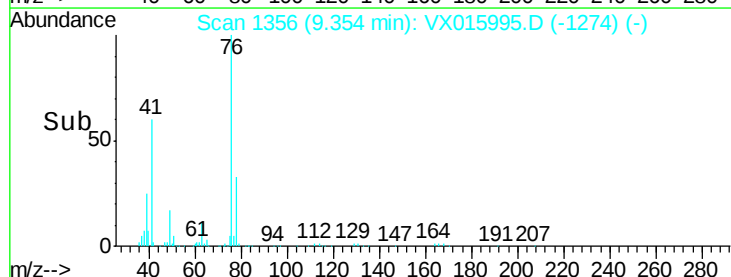
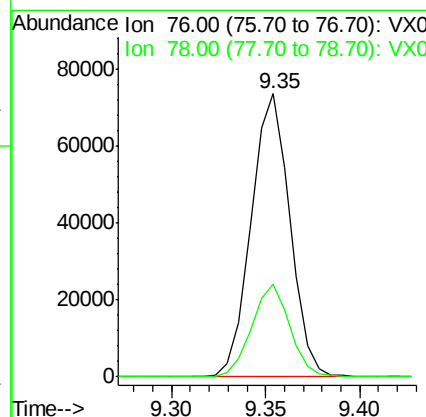
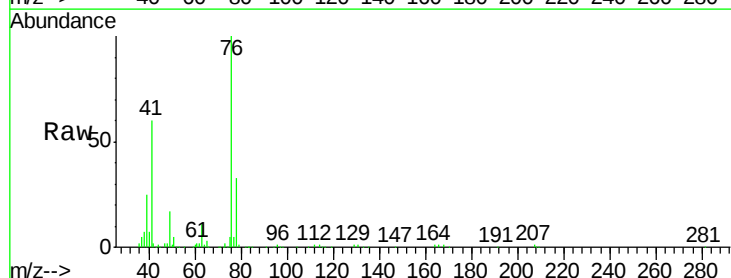
RT: 9.35 min Scan# 1356

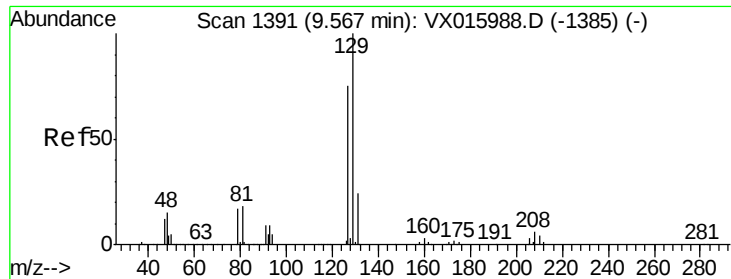
Delta R.T. 0.00 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Tgt Ion:	76	Resp:	104698
Ion	Ratio	Lower	Upper
76	100		
78	31.9	0.0	64.2





#53

Dibromochloromethane

Concen: 18.568 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Instrument :

MSVOA_X

ClientSampleId :

VX0430WBSD01

Tot Ion:129 Resp: 66778

Ion Ratio Lower Upper

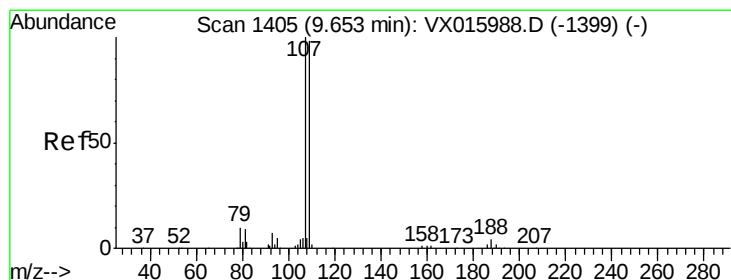
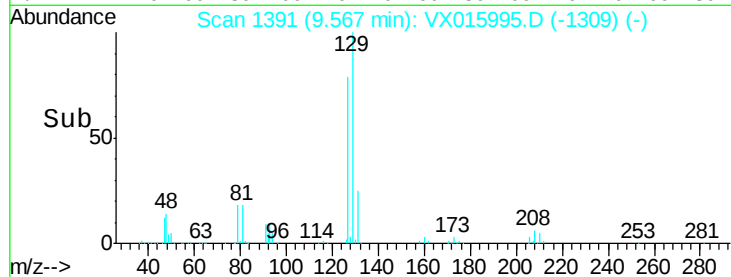
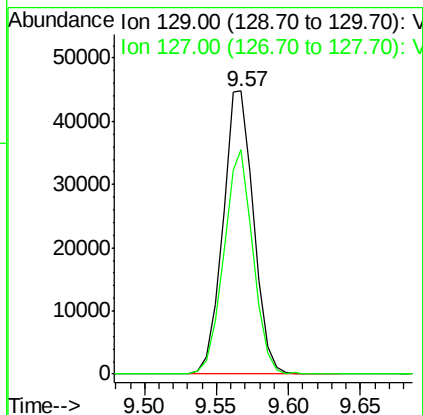
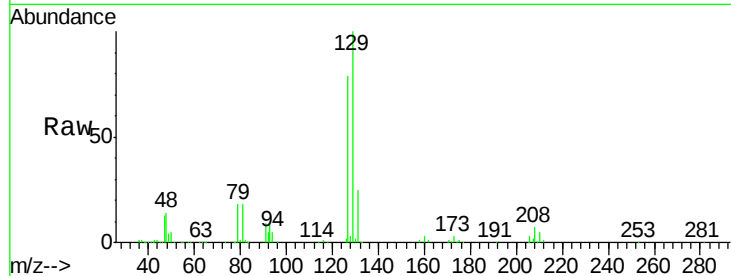
129 100

127 75.5 38.3 114.9

Manual Integrations
APPROVED

MMDadoda

5/4/2020 3:10:23 PM



#54

1,2-Dibromoethane

Concen: 18.537 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX015995.D

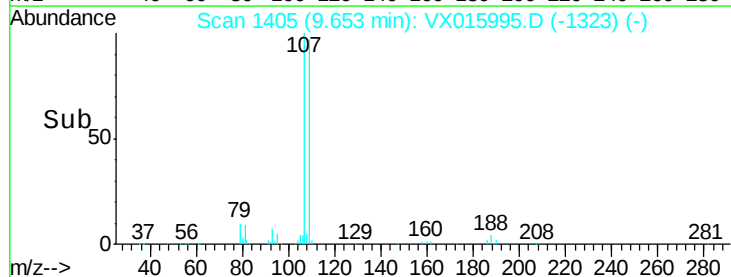
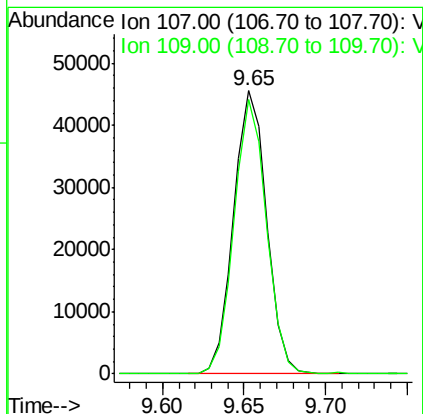
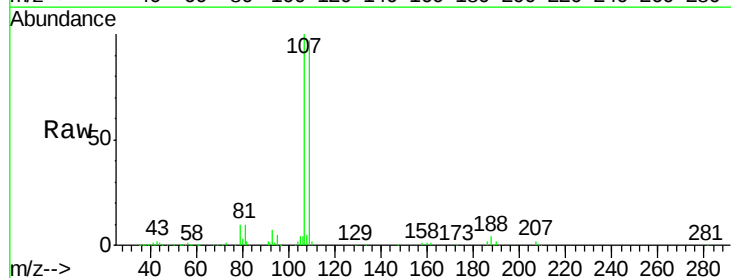
Acq: 30 Apr 2020 15:15

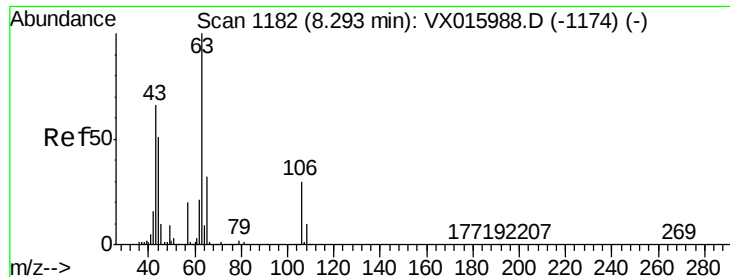
Tgt Ion:107 Resp: 64402

Ion Ratio Lower Upper

107 100

109 94.9 74.7 112.1





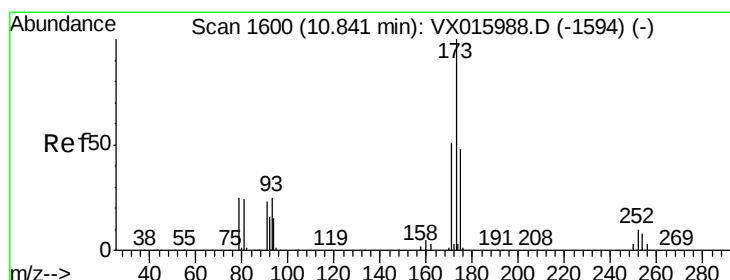
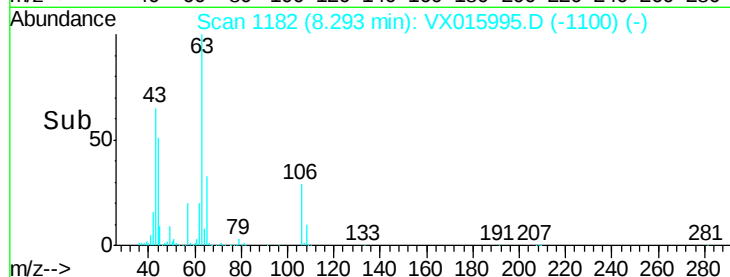
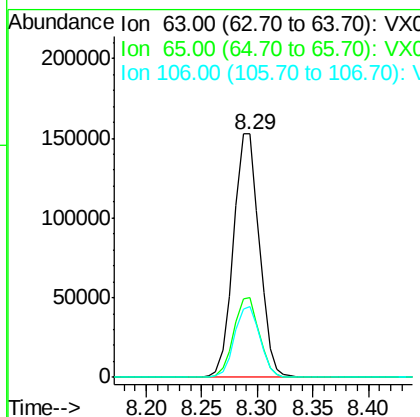
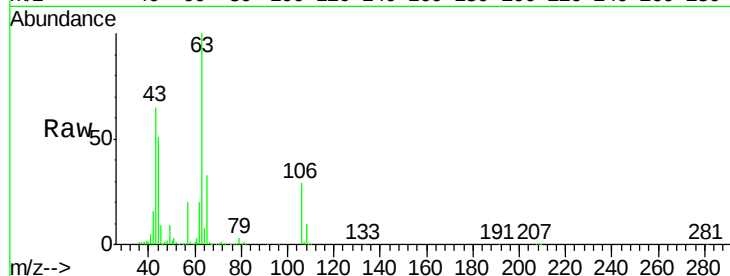
#55
2-Chloroethyl vinyl ether
Concen: 86.341 ug/l
RT: 8.29 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
63	100	245190		
65	32.4		25.6	38.4
106	28.8		23.4	35.0

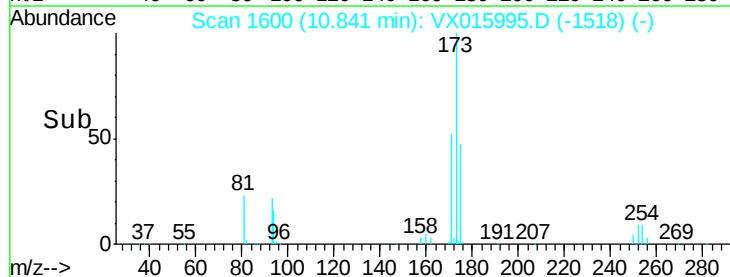
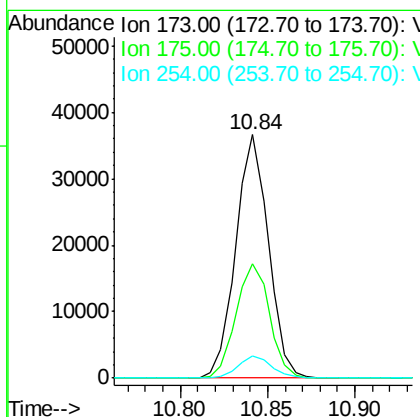
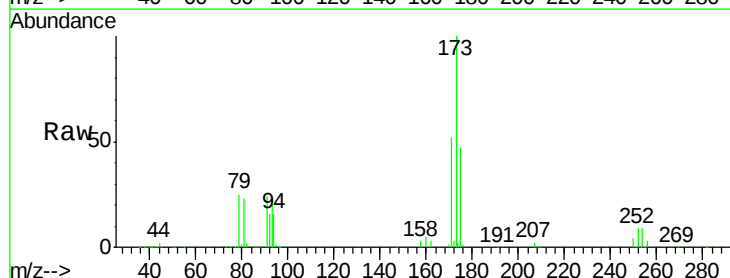
Manual Integrations
APPROVED

MMDadoda
5/4/2020 3:10:23 PM



#56
Bromoform
Concen: 17.527 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	47494		
175	48.5		38.0	57.0
254	9.3		6.8	10.2





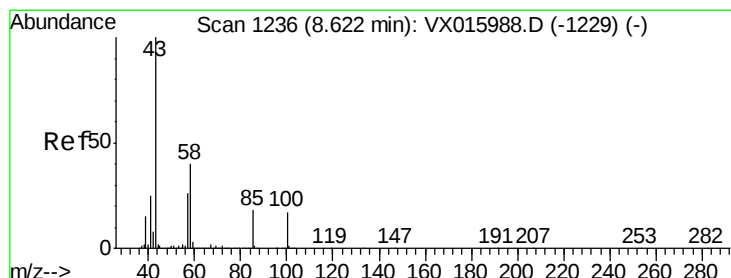
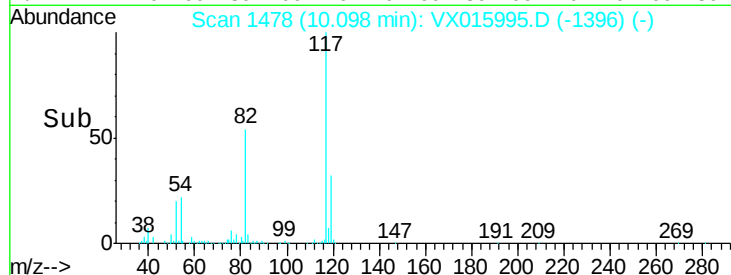
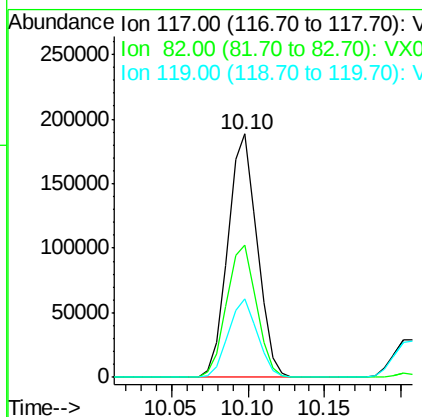
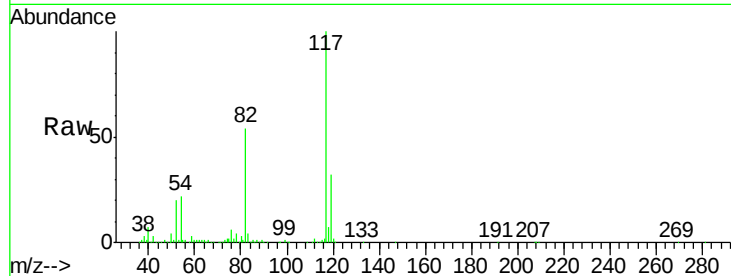
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	249946		
82	55.6	45.1	67.7	
119	32.1	25.6	38.4	

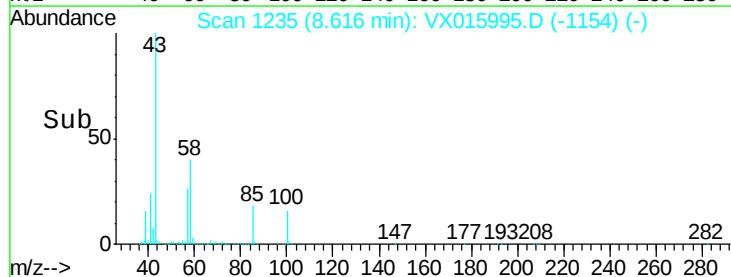
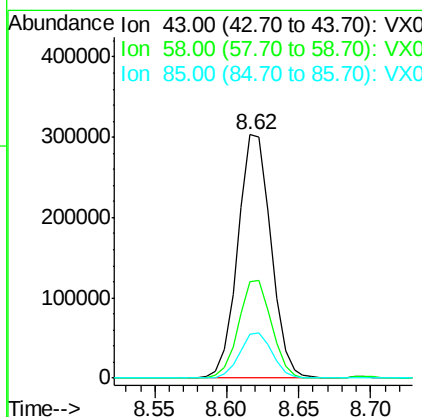
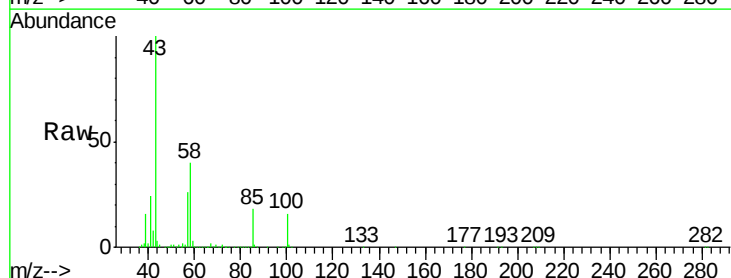
Manual Integrations
APPROVED

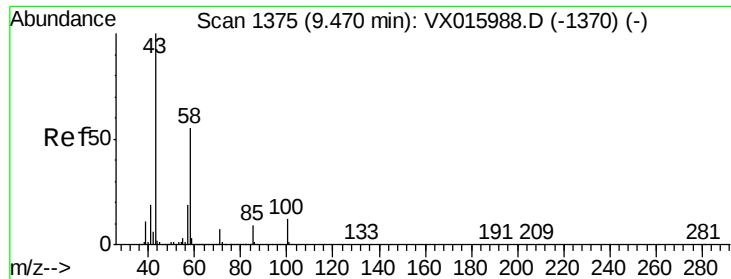
MMDadoda
5/4/2020 3:10:23 PM



#58
4-Methyl-2-Pentanone
Concen: 98.238 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	484215		
58	39.8	31.8	47.6	
85	18.3	14.5	21.7	





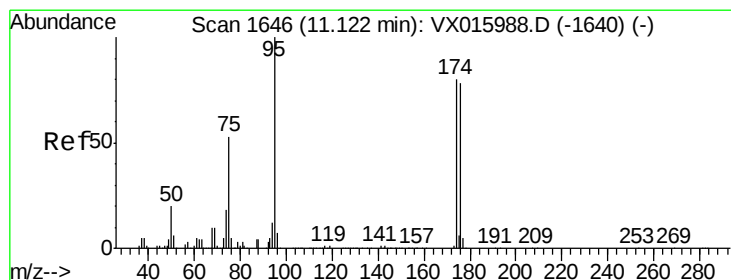
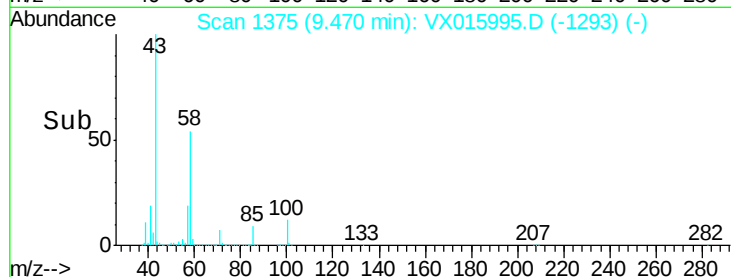
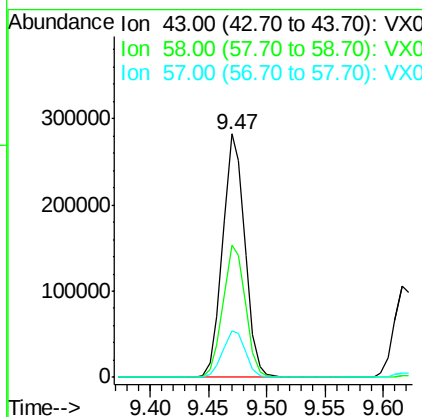
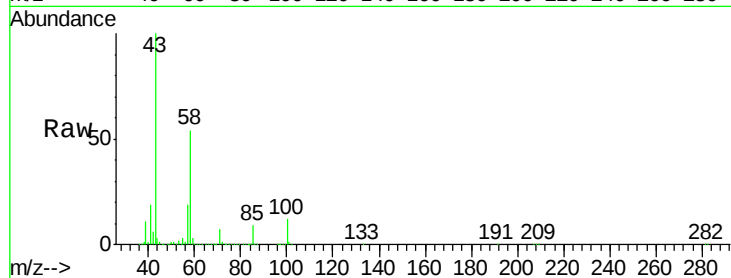
#59
2-Hexanone
Concen: 97.806 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.8	44.0	66.0
57	19.6	15.5	23.3

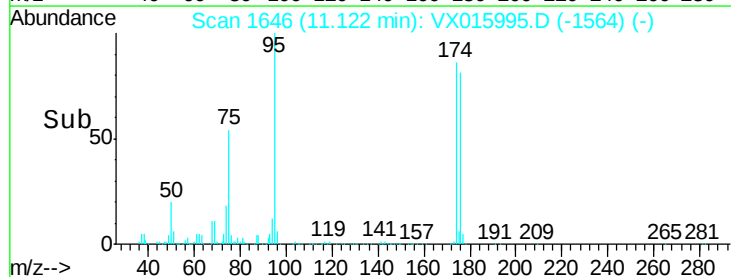
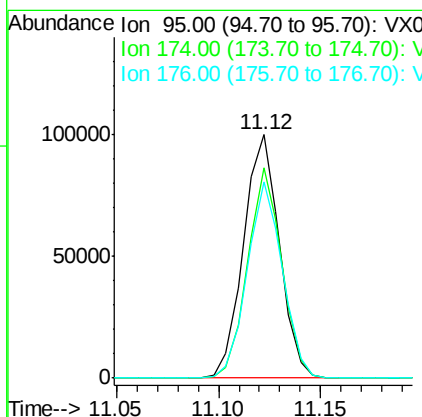
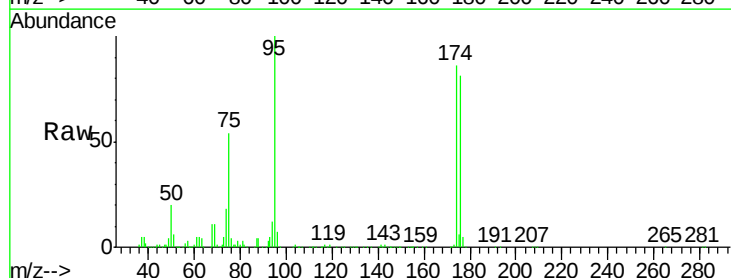
Manual Integrations
APPROVED

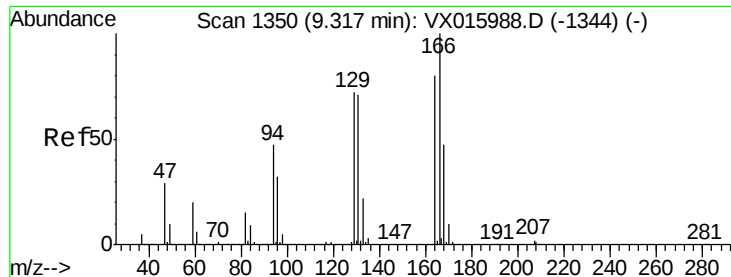
MMDadoda
5/4/2020 3:10:23 PM



#60
4-Bromofluorobenzene
Concen: 29.037 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.7	64.8	97.2
176	78.9	62.4	93.6





#61

Tetrachloroethene

Concen: 19.815 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Instrument :

MSVOA_X

ClientSampleId :

VX0430WBSD01

Tot Ion:164 Resp: 97969

Ion Ratio Lower Upper

164 100

166 122.1 100.1 150.1

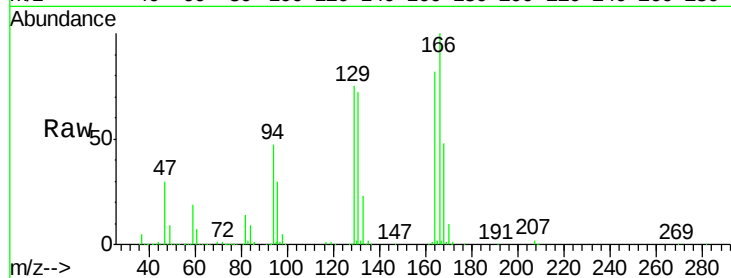
129 91.8 72.2 108.4

131 87.8 71.3 106.9

Manual Integrations
APPROVED

MMDadoda

5/4/2020 3:10:23 PM

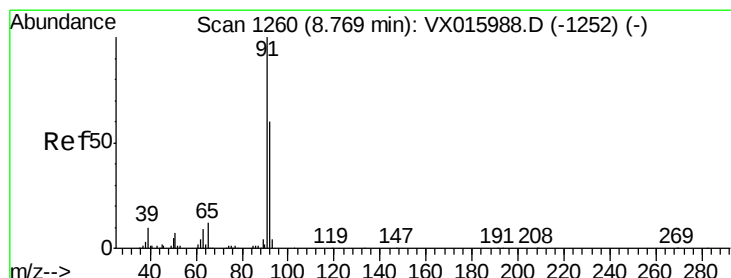
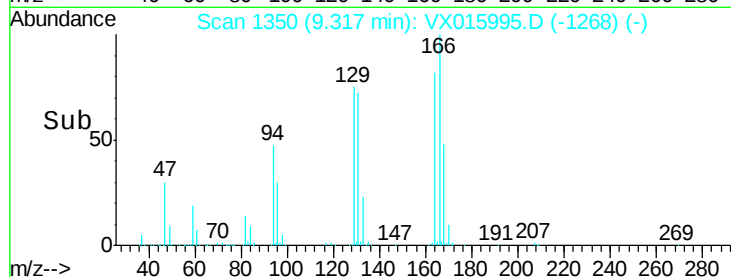
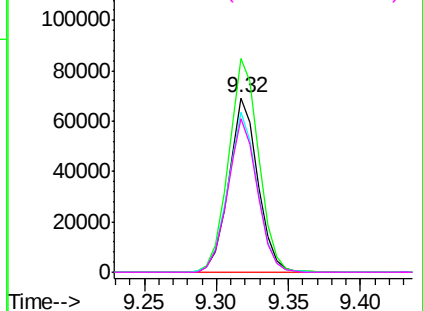


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.099 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX015995.D

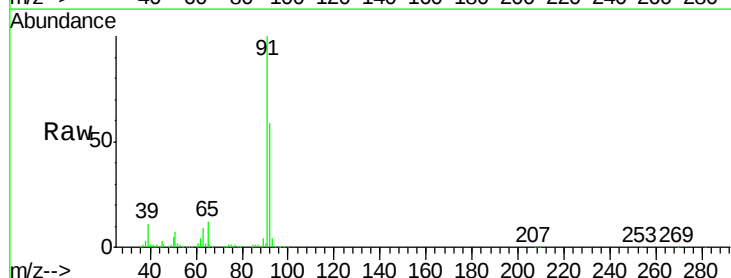
Acq: 30 Apr 2020 15:15

Tgt Ion: 91 Resp: 255028

Ion Ratio Lower Upper

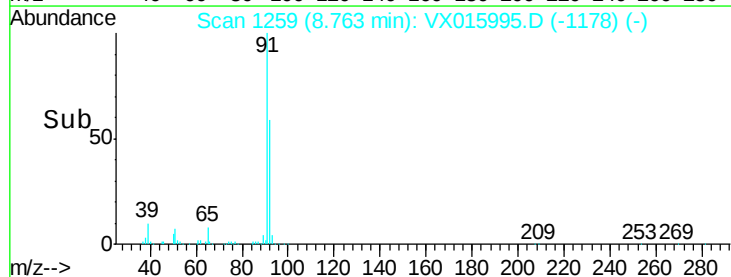
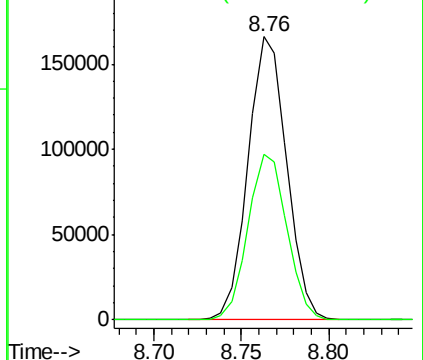
91 100

92 59.1 47.2 70.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.339 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Instrument :

MSVOA_X

ClientSampleId :

VX0430WBSD01

Tot Ion: 98 Resp: 325310

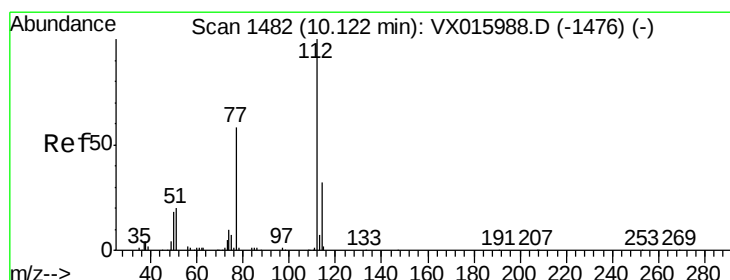
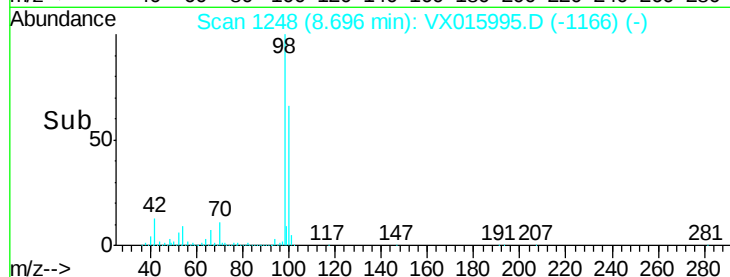
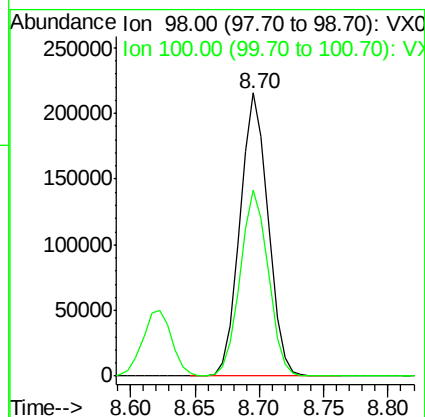
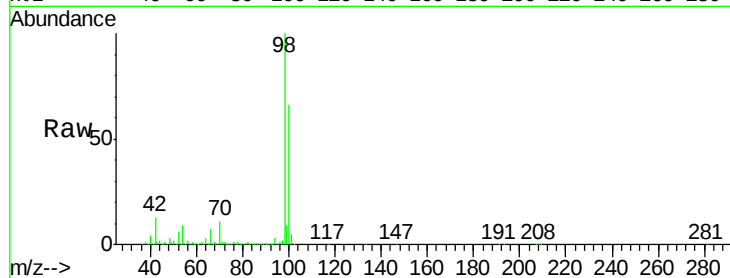
Ion Ratio Lower Upper

98 100

100 65.8 52.5 78.7

Manual Integrations
APPROVED

MMDadoda
5/4/2020 3:10:23 PM



#64

Chlorobenzene

Concen: 18.947 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX015995.D

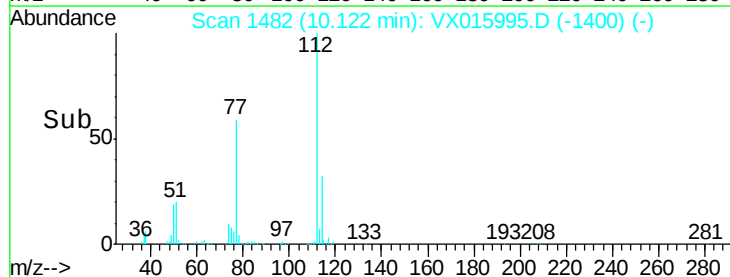
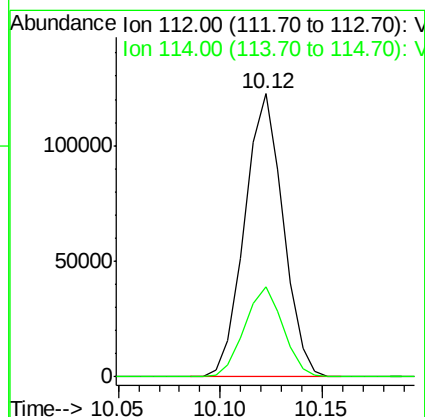
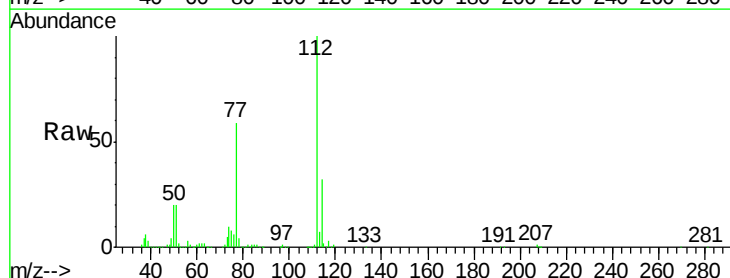
Acq: 30 Apr 2020 15:15

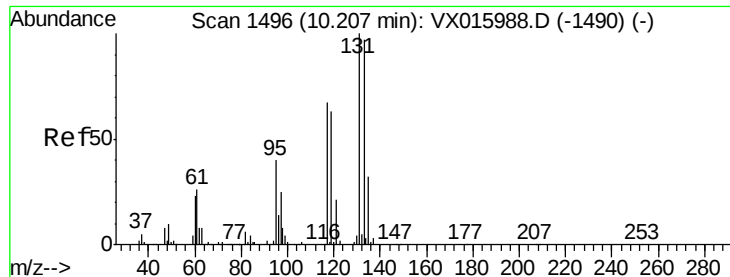
Tgt Ion: 112 Resp: 161094

Ion Ratio Lower Upper

112 100

114 31.8 25.8 38.6





#65

1,1,1,2-Tetrachloroethane

Concen: 18.809 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Instrument :

MSVOA_X

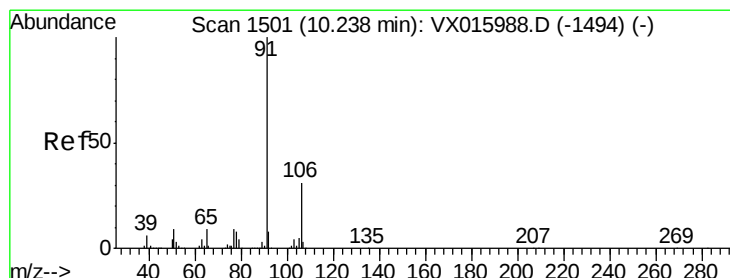
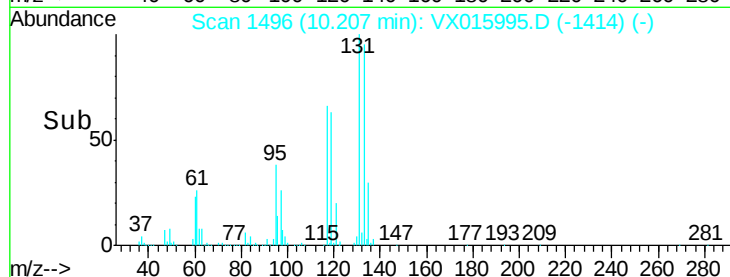
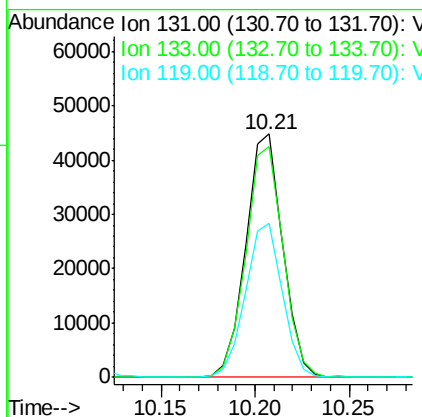
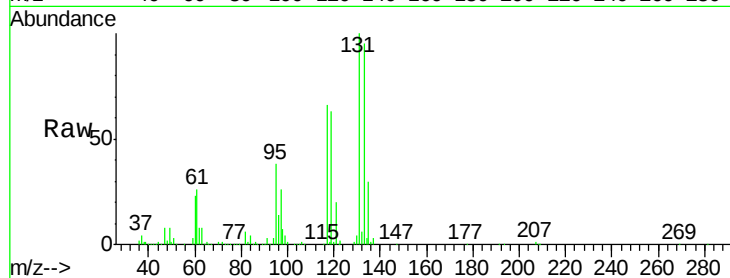
ClientSampleId :

VX0430WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
131	100	60712		
133	95.5	0.0	187.0	
119	63.4	0.0	129.0	

Manual Integrations
APPROVED

MMDadoda
5/4/2020 3:10:23 PM



#66

Ethyl Benzene

Concen: 18.941 ug/l

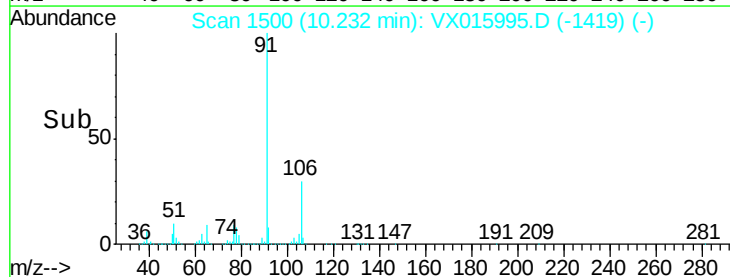
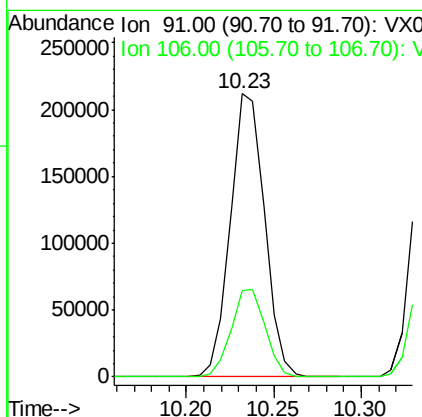
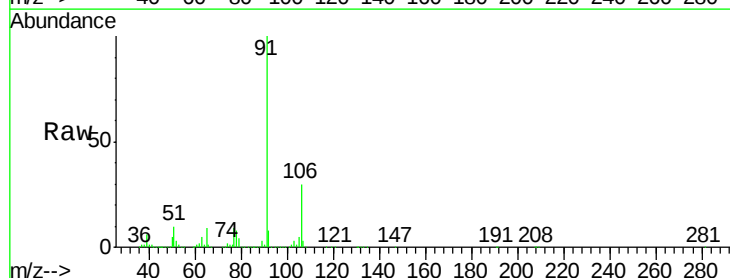
RT: 10.23 min Scan# 1500

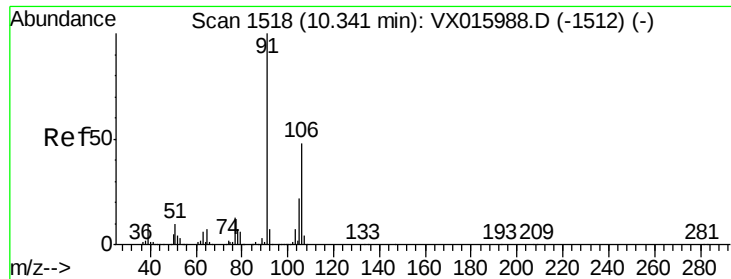
Delta R.T. -0.01 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	288002		
106	30.4	24.8	37.2	





#67

m/p-Xylenes

Concen: 37.616 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Instrument :

MSVOA_X

ClientSampleId :

VX0430WBSD01

Tot Ion:106 Resp: 217890

Ion Ratio Lower Upper

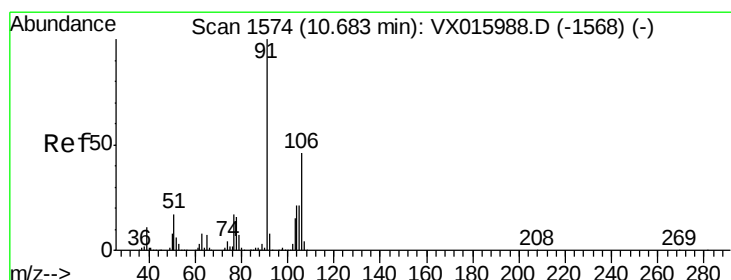
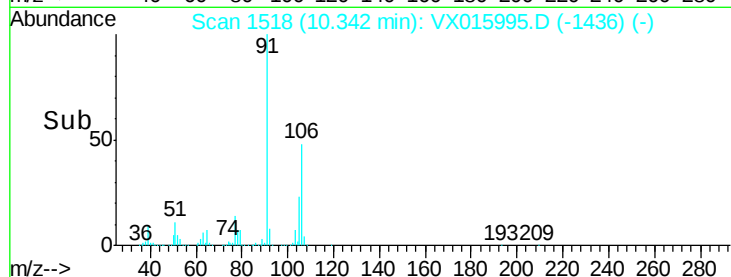
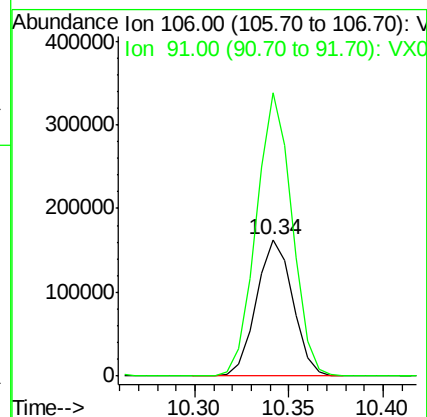
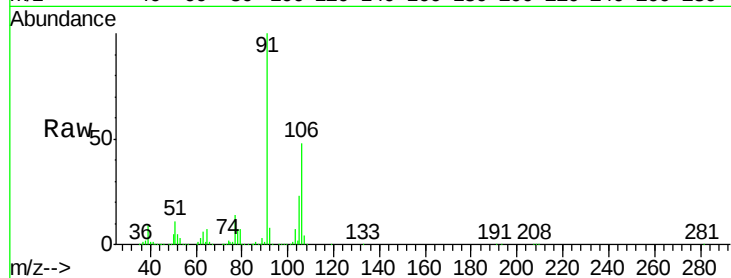
106 100

91 203.4 164.2 246.4

Manual Integrations
APPROVED

MMDadoda

5/4/2020 3:10:23 PM



#68

o-Xylene

Concen: 18.596 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX015995.D

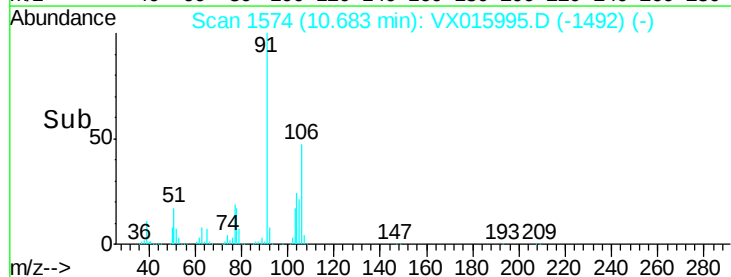
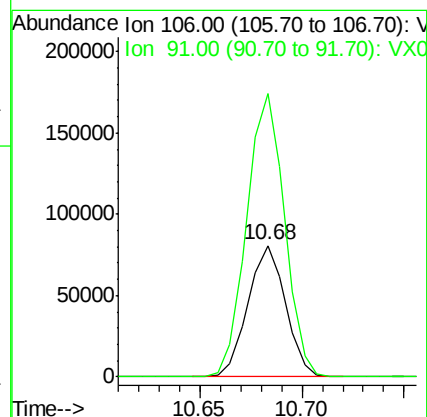
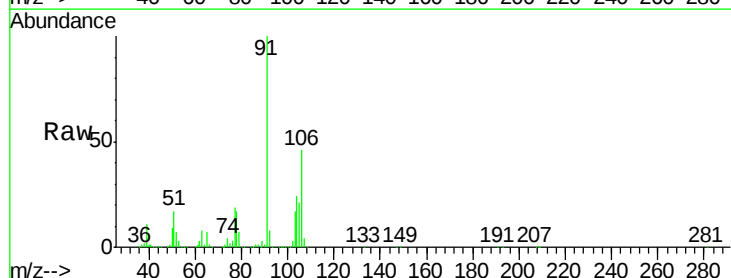
Acq: 30 Apr 2020 15:15

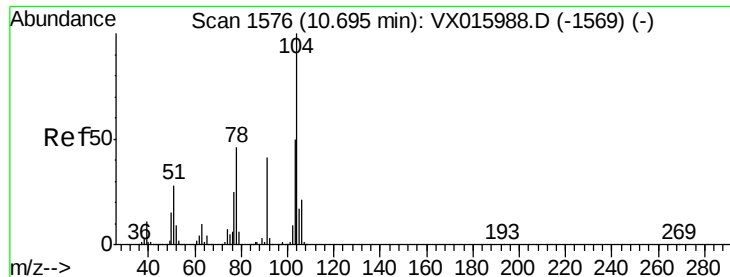
Tgt Ion:106 Resp: 103871

Ion Ratio Lower Upper

106 100

91 216.2 108.3 325.0





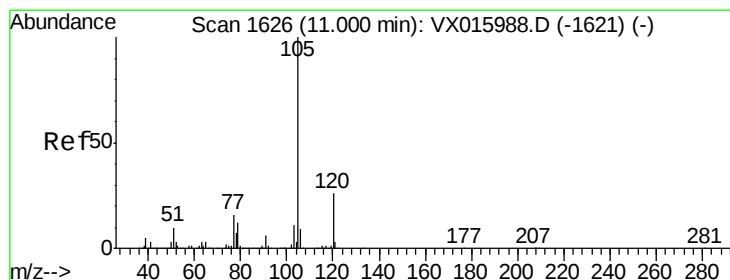
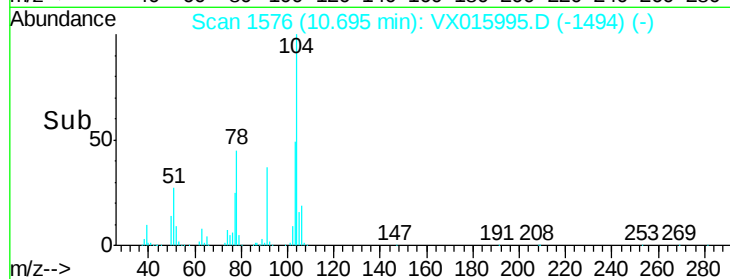
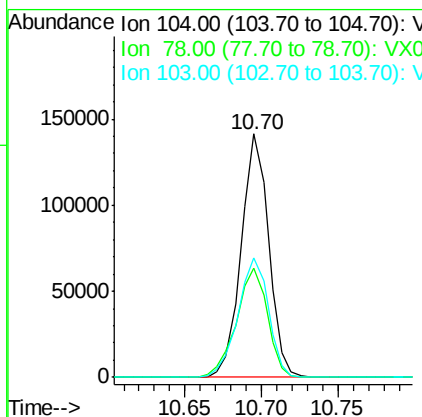
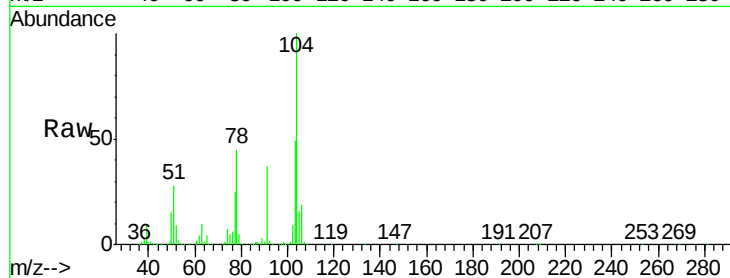
#69
Stvrene
Concen: 18.463 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.8	40.7	61.1
103	54.5	43.0	64.4

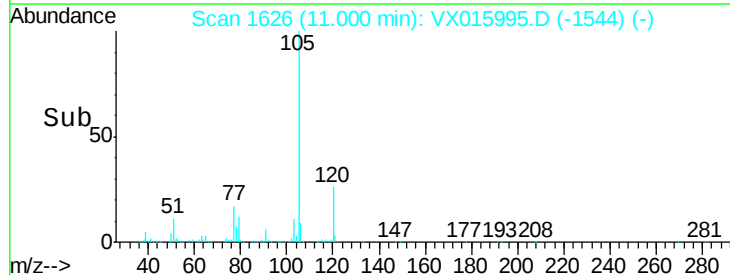
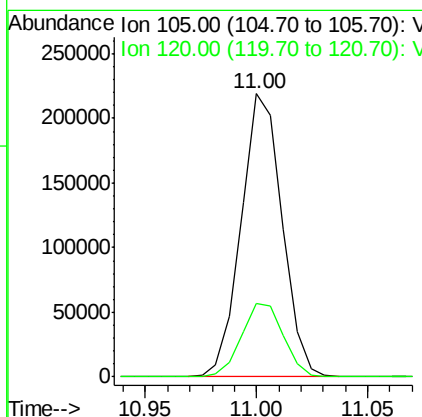
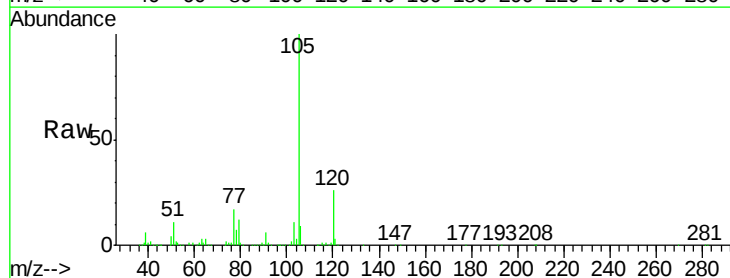
Manual Integrations
APPROVED

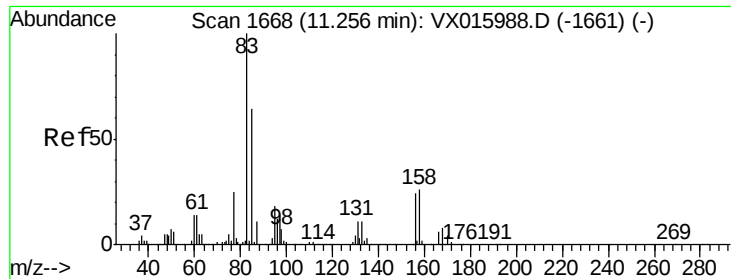
MMDadoda
5/4/2020 3:10:23 PM



#70
Isopropylbenzene
Concen: 18.684 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.7	18.6	34.5





#71

1,1,2,2-Tetrachloroethane

Concen: 16.855 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Instrument :

MSVOA_X

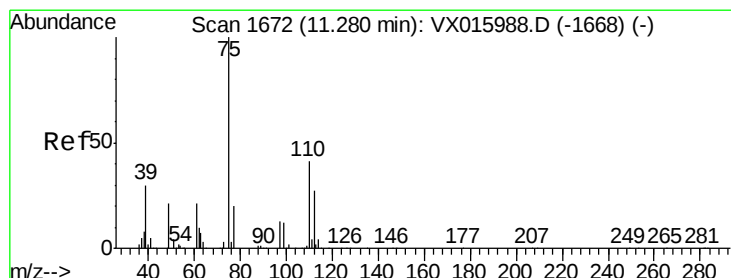
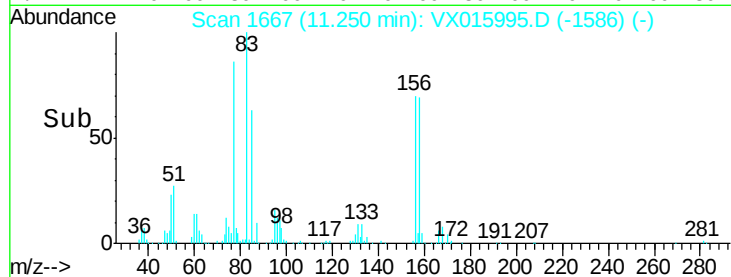
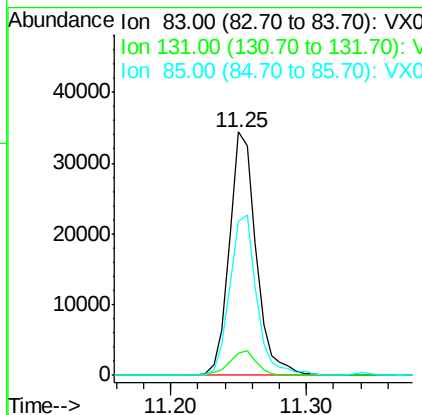
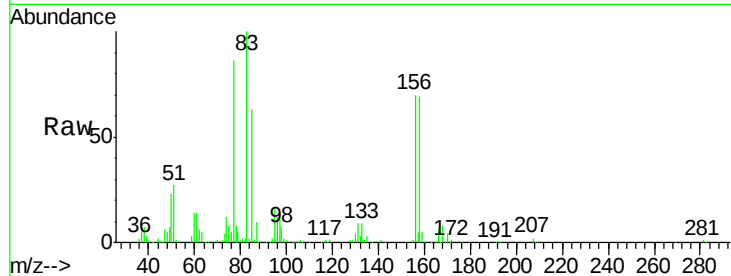
ClientSampleId :

VX0430WBSD01

Tot Ion:	83	Resp:	47254
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.2	15.6
85	66.2	33.0	98.9

Manual Integrations
APPROVED

MMDadoda
5/4/2020 3:10:23 PM



#72

1,2,3-Trichloropropane

Concen: 19.694 ug/l m

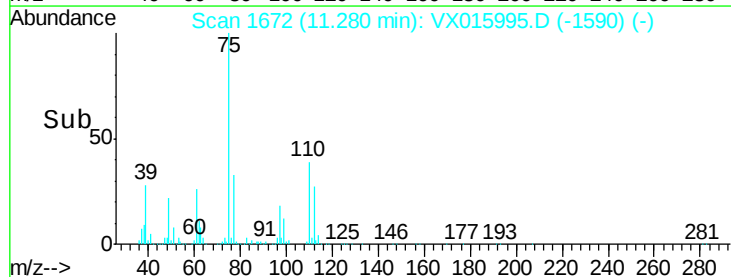
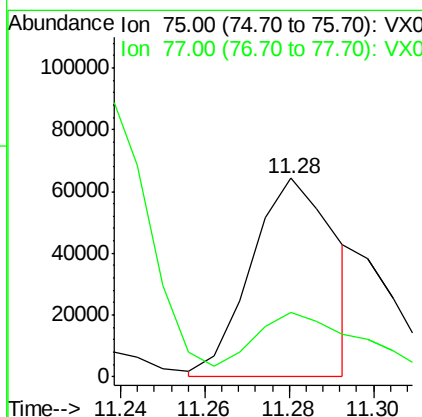
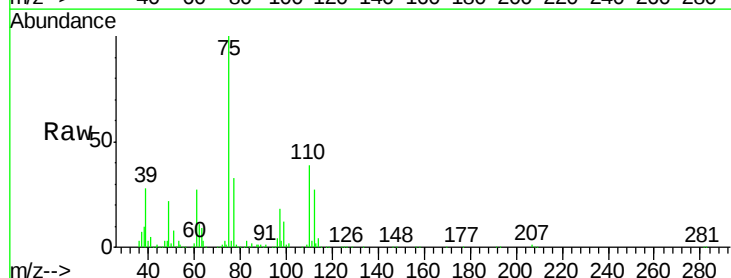
RT: 11.28 min Scan# 1672

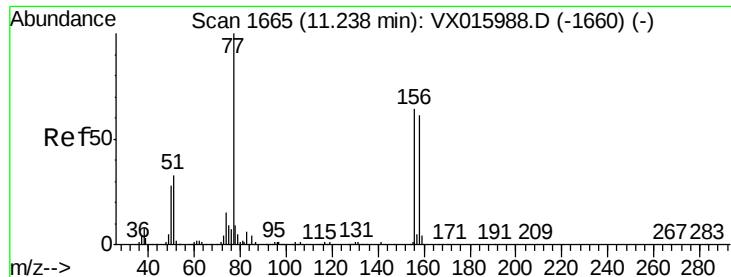
Delta R.T. 0.00 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Tgt Ion:	75	Resp:	89425
Ion Ratio	Lower	Upper	
75	100		
77	41.8	0.0	86.0





#73

Bromobenzene

Concen: 18.712 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Instrument :

MSVOA_X

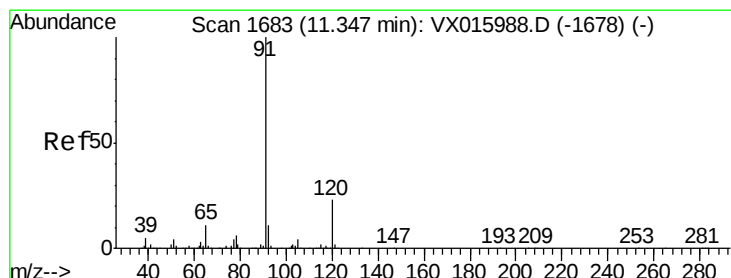
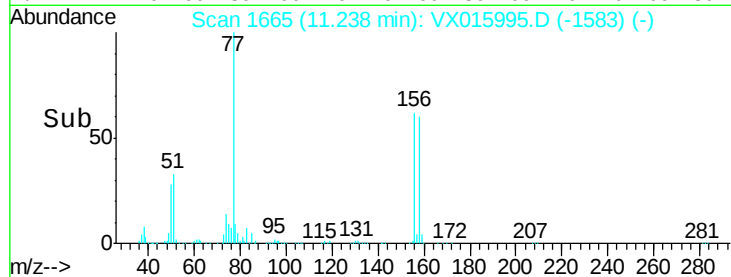
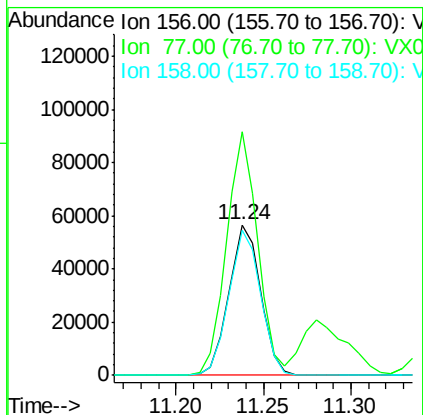
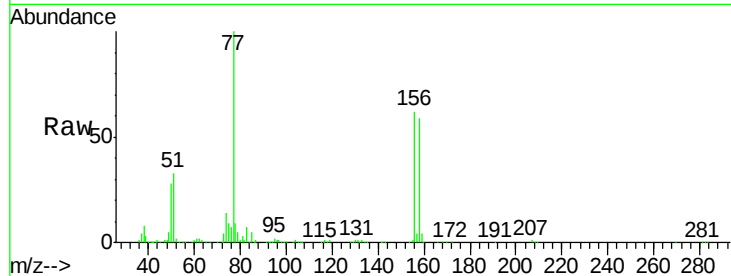
ClientSampleId :

VX0430WBSD01

Tot Ion:	156	Resp:	71111
Ion Ratio	Lower	Upper	
156	100		
77	159.4	0.0	318.0
158	96.8	0.0	193.2

Manual Integrations
APPROVED

MMDadoda
5/4/2020 3:10:23 PM



#74

n-propylbenzene

Concen: 18.711 ug/l

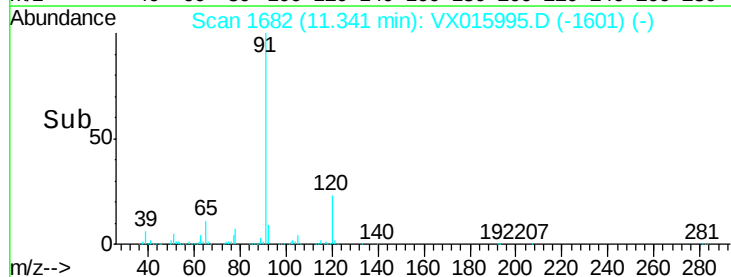
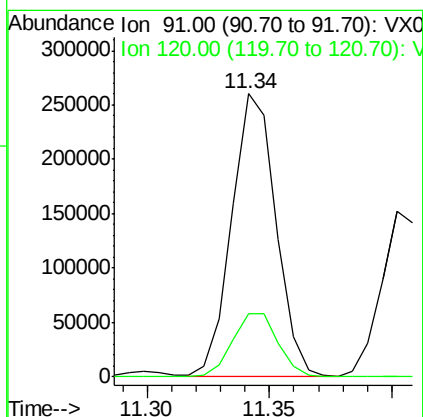
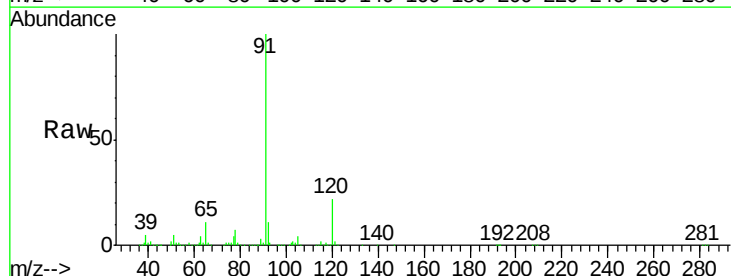
RT: 11.34 min Scan# 1682

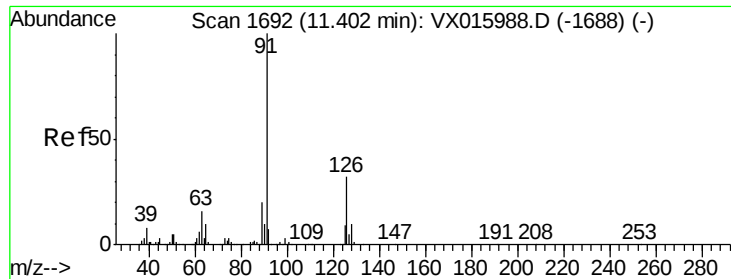
Delta R.T. -0.01 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Tgt Ion:	91	Resp:	327767
Ion Ratio	Lower	Upper	
91	100		
120	23.1	0.0	45.4





#75

2-Chlorotoluene

Concen: 18.729 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Instrument :

MSVOA_X

ClientSampled :

VX0430WBSD01

Tot Ion: 91 Resp: 192787

Ion Ratio Lower Upper

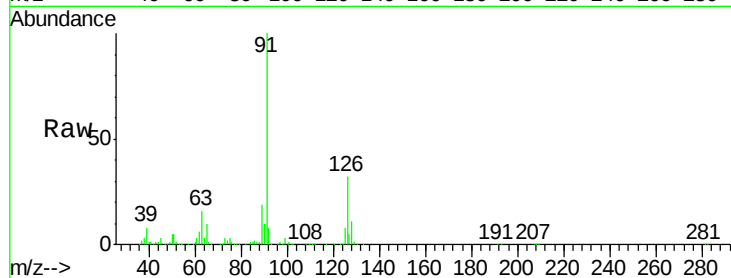
91 100

126 33.3 0.0 66.2

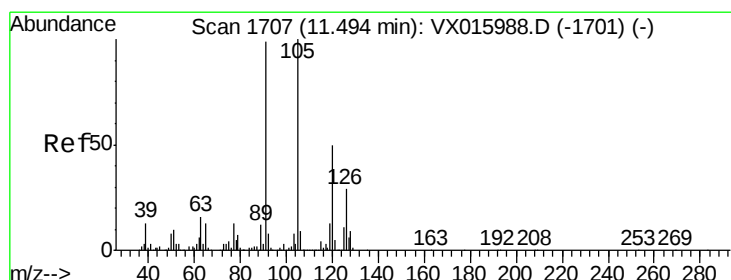
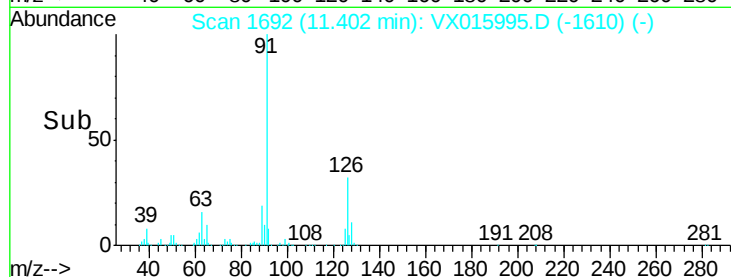
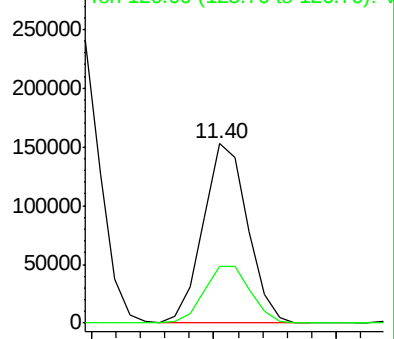
Manual Integrations
APPROVED

MMDadoda

5/4/2020 3:10:23 PM



Abundance Ion 91.00 (90.70 to 91.70): VX015988.D (-1688) (-)



#76

1,3,5-Trimethylbenzene

Concen: 18.608 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX015995.D

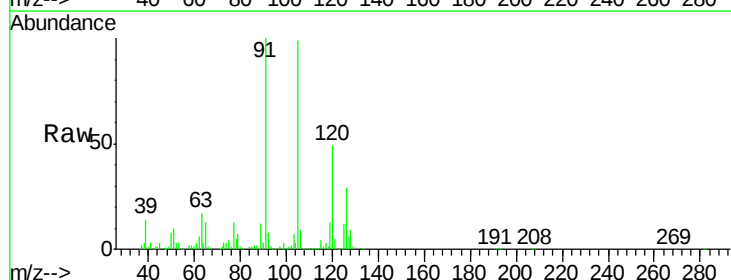
Acq: 30 Apr 2020 15:15

Tgt Ion: 105 Resp: 238206

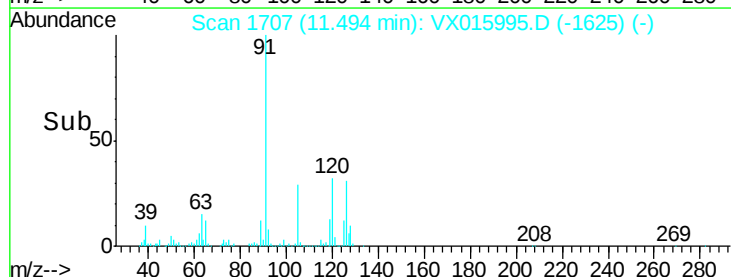
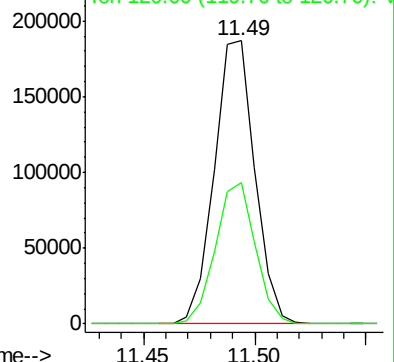
Ion Ratio Lower Upper

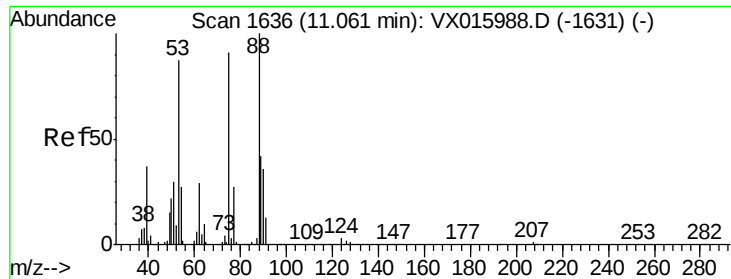
105 100

120 48.9 0.0 99.4



Abundance Ion 105.00 (104.70 to 105.70): VX015988.D (-1701) (-)





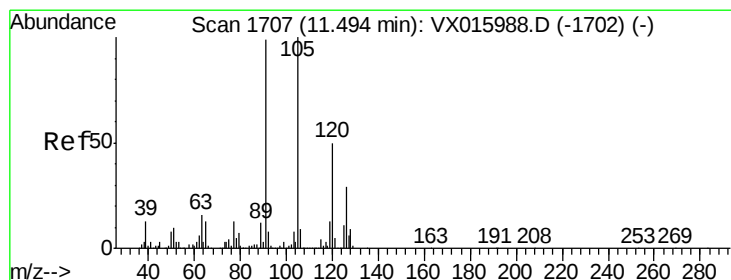
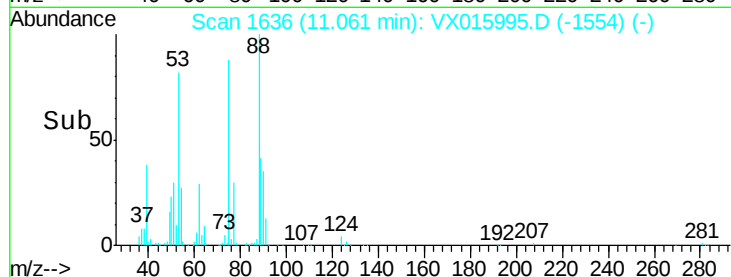
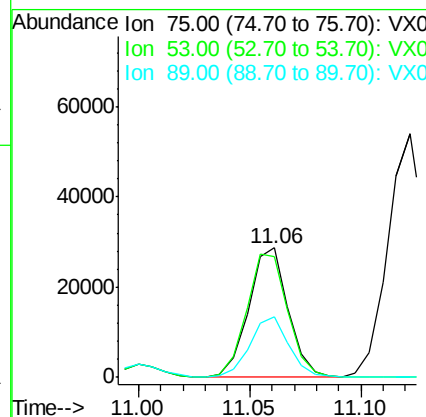
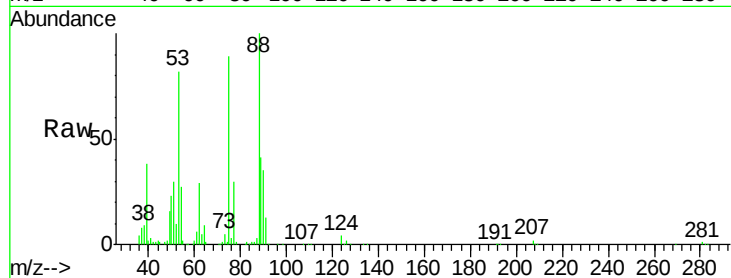
#77
t-1,4-Dichloro-2-butene
Concen: 18.080 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.0	48.0	144.2
89	46.6	23.4	70.3

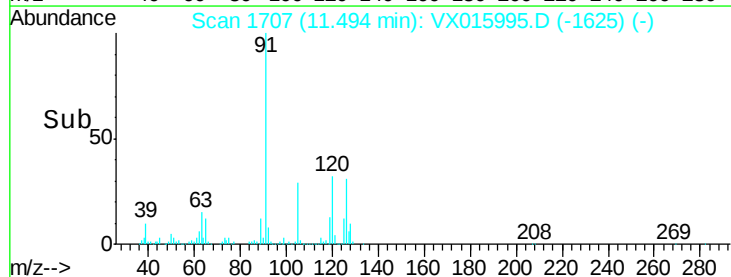
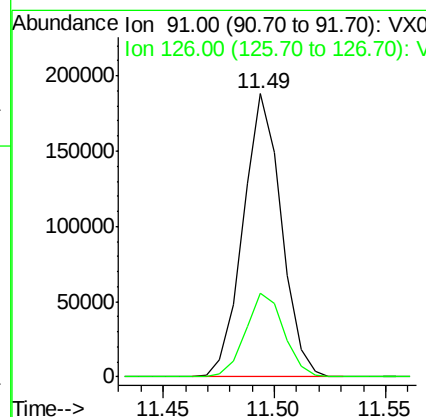
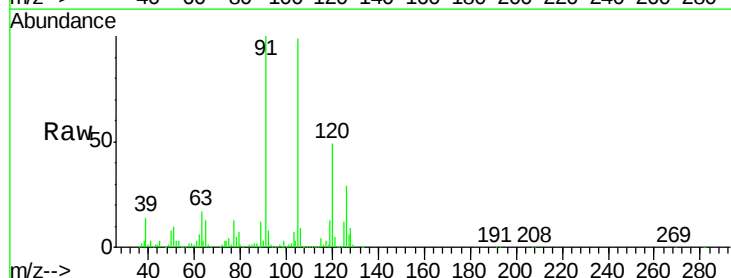
Manual Integrations
APPROVED

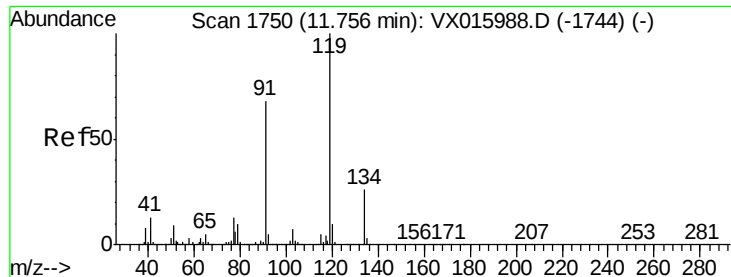
MMDadoda
5/4/2020 3:10:23 PM



#78
4-Chlorotoluene
Concen: 18.498 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.8	0.0	58.4





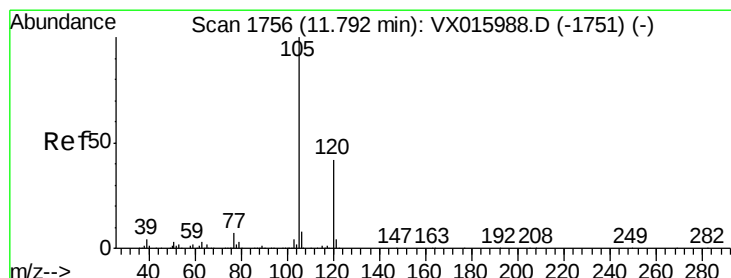
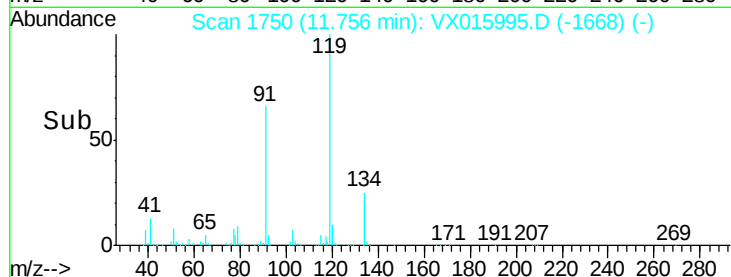
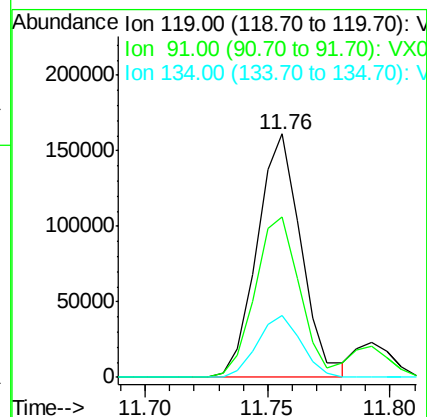
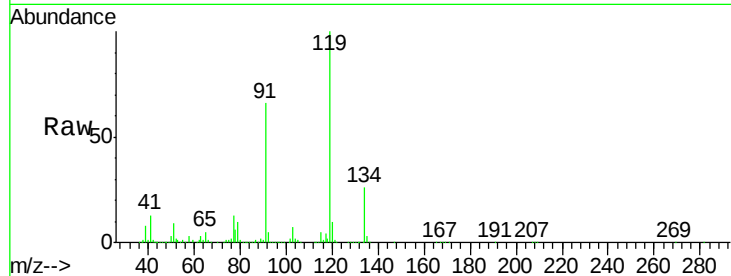
#79
tert-butylbenzene
Concen: 18.443 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	201641		
91	66.6	0.0	135.6	
134	25.1	0.0	51.0	

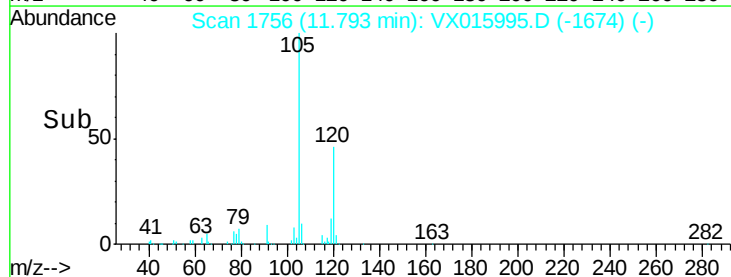
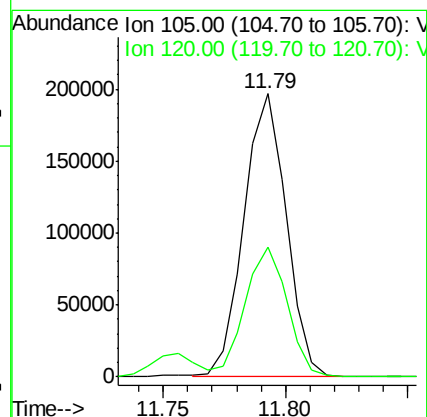
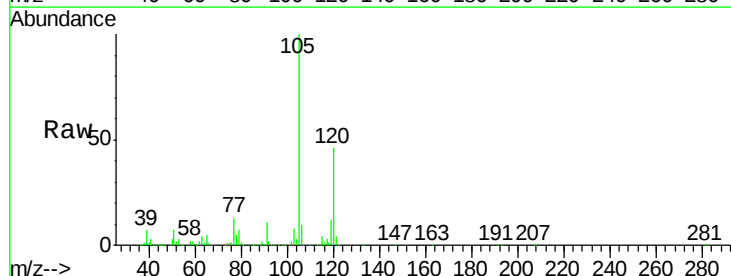
Manual Integrations
APPROVED

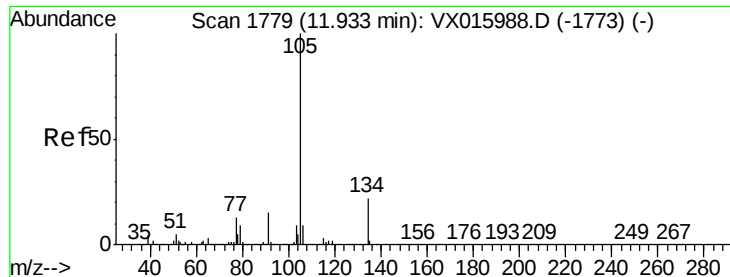
MMDadoda
5/4/2020 3:10:23 PM



#80
1,2,4-Trimethylbenzene
Concen: 18.594 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	237799		
120	45.7	0.0	91.0	





#81

sec-Butylbenzene

Concen: 18.656 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Instrument :

MSVOA_X

ClientSampled :

VX0430WBSD01

Tot Ion:105 Resp: 275102

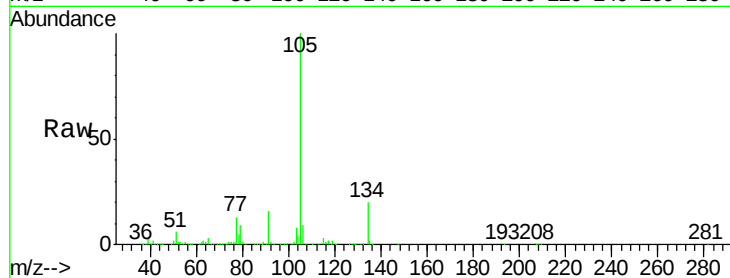
Ion Ratio Lower Upper

105 100

134 20.1 0.0 41.2

Manual Integrations
APPROVED

MMDadoda
5/4/2020 3:10:23 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

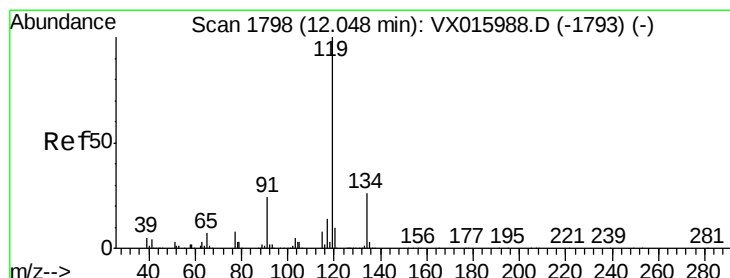
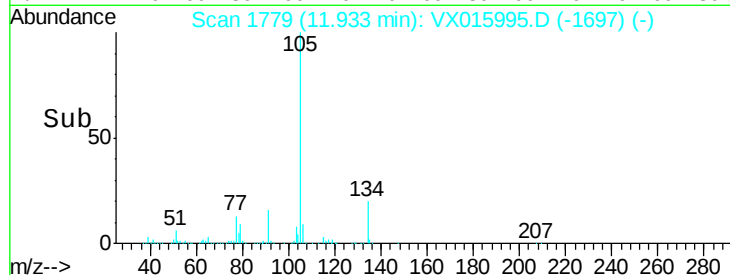
100000

50000

0

11.90 11.95

Time-->



#82

p-Isopropyltoluene

Concen: 18.630 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

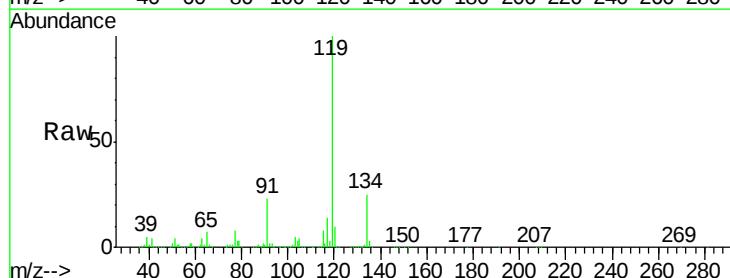
Tgt Ion:119 Resp: 254574

Ion Ratio Lower Upper

119 100

134 25.9 0.0 52.6

91 23.9 0.0 47.6



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

300000

250000

200000

150000

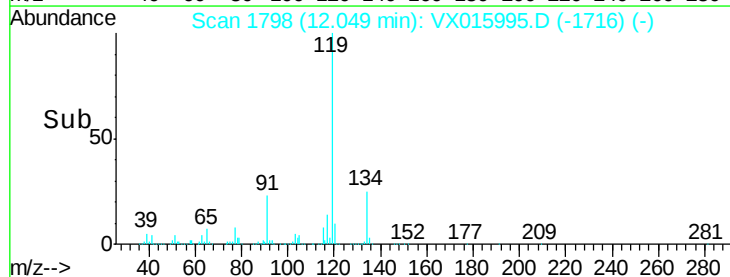
100000

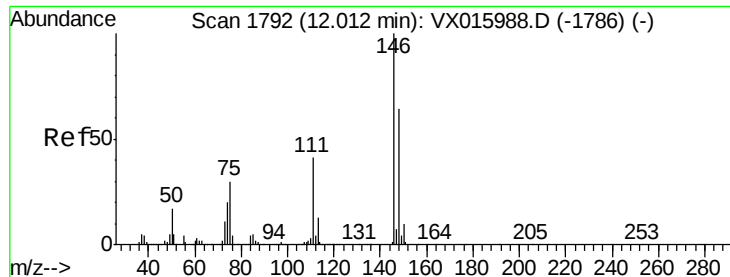
50000

0

12.00 12.05

Time-->





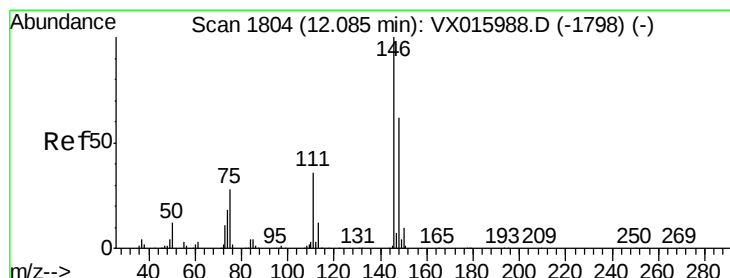
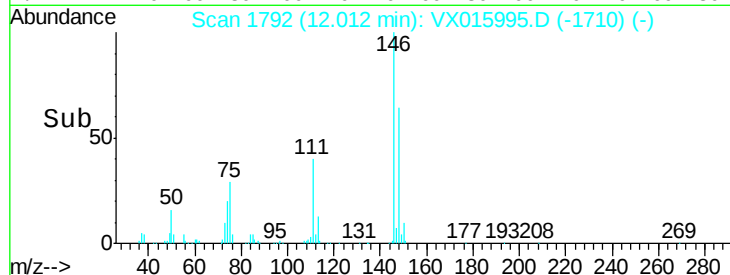
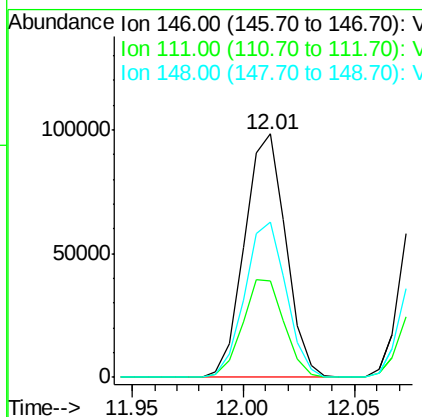
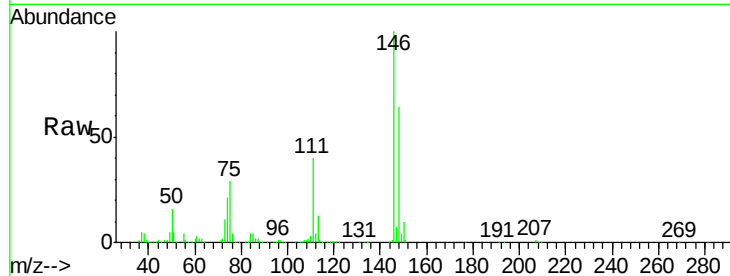
#83
 1,3-Dichlorobenzene
 Concen: 18.590 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX015995.D
 Acq: 30 Apr 2020 15:15

Instrument :
 MSVOA_X
 ClientSampled :
 VX0430WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.4	61.3
148	63.7	31.9	95.9

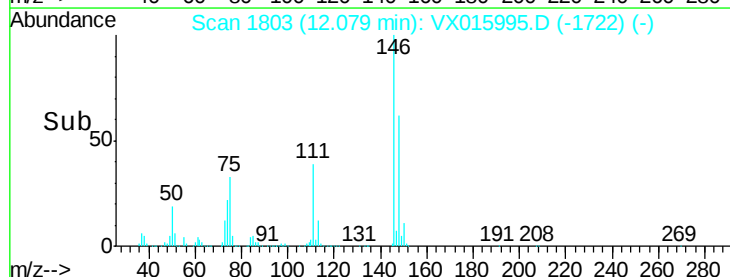
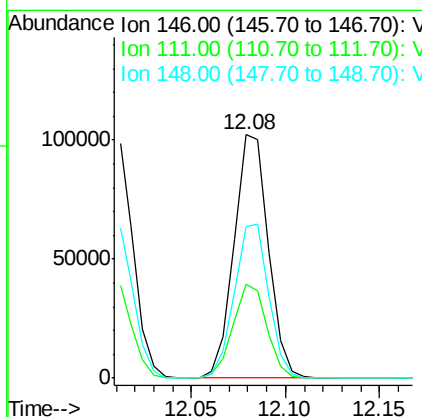
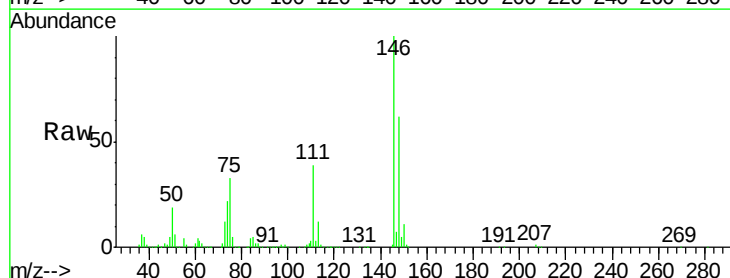
Manual Integrations
 APPROVED

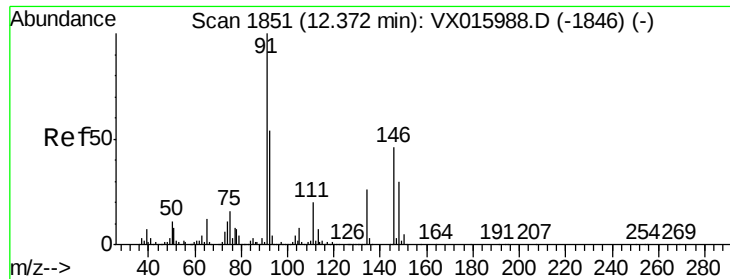
MMDadoda
 5/4/2020 3:10:23 PM



#84
 1,4-Dichlorobenzene
 Concen: 18.928 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX015995.D
 Acq: 30 Apr 2020 15:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.7	59.0
148	63.3	32.0	96.0





#85

n-Butylbenzene

Concen: 18.142 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Instrument :

MSVOA_X

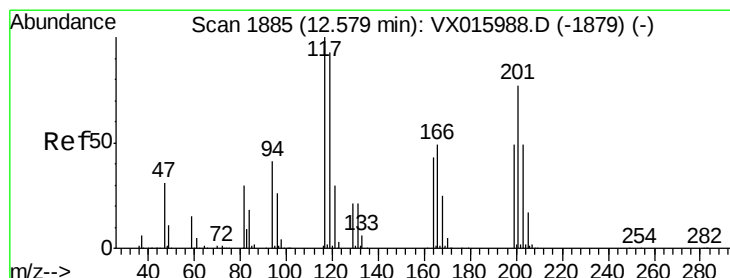
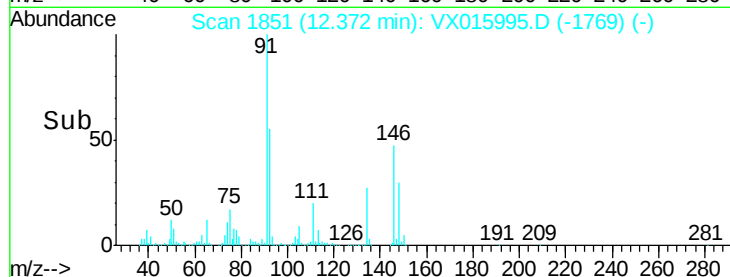
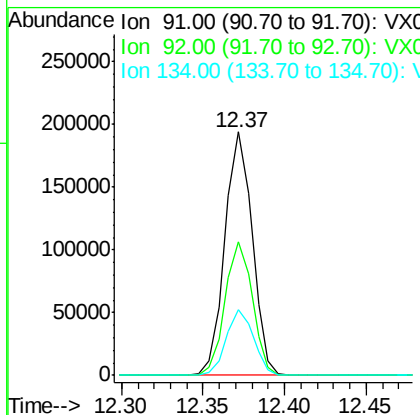
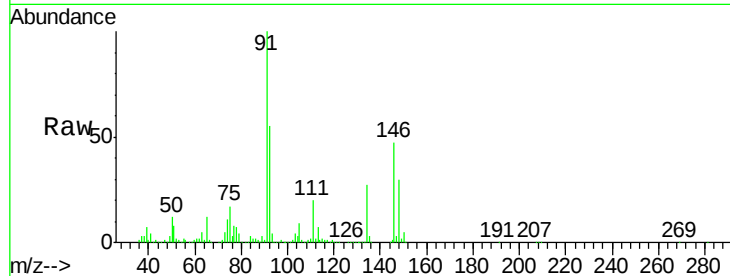
ClientSampled :

VX0430WBSD01

Tot Ion:	91	Resp:	226459
Ion	Ratio	Lower	Upper
91	100		
92	54.7	0.0	110.2
134	26.9	0.0	53.4

Manual Integrations
APPROVED

MMDadoda
5/4/2020 3:10:23 PM



#86

Hexachloroethane

Concen: 18.107 ug/l

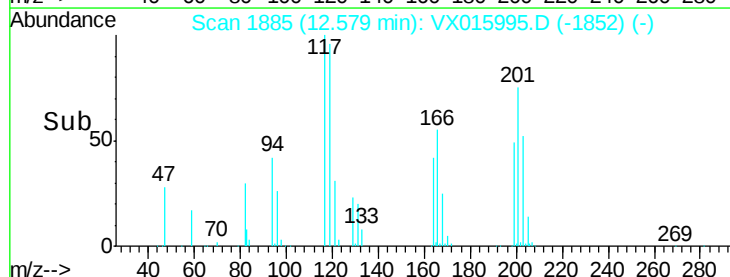
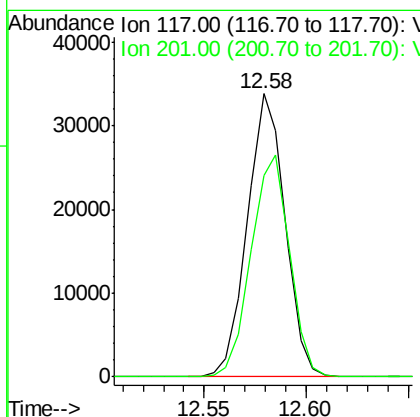
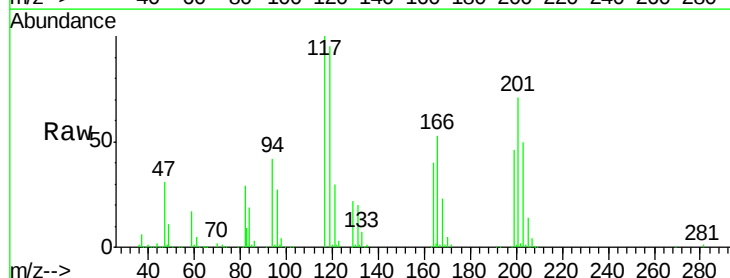
RT: 12.58 min Scan# 1885

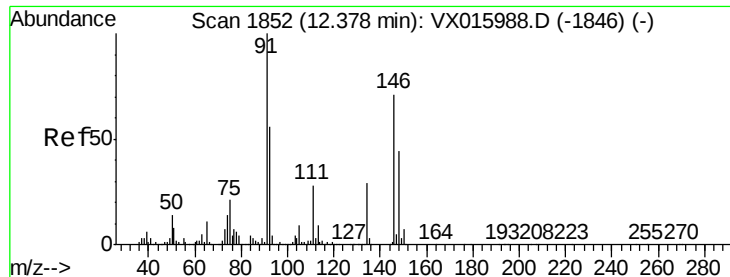
Delta R.T. 0.00 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Tgt Ion:	117	Resp:	43558
Ion	Ratio	Lower	Upper
117	100		
201	79.8	40.1	120.2





#87

1,2-Dichlorobenzene

Concen: 18.634 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Instrument :

MSVOA_X

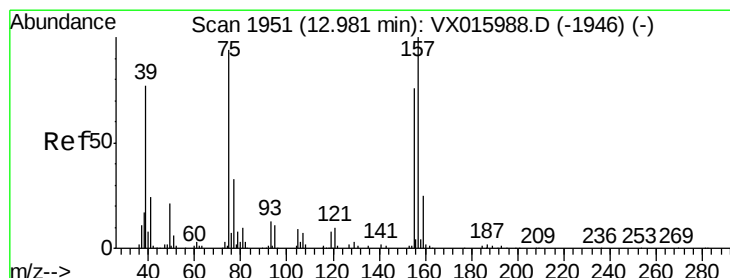
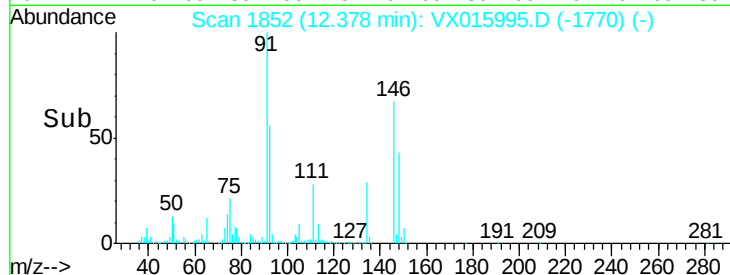
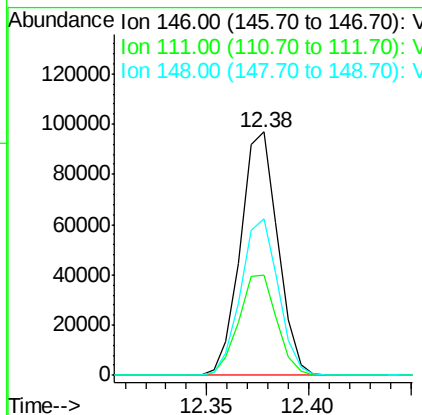
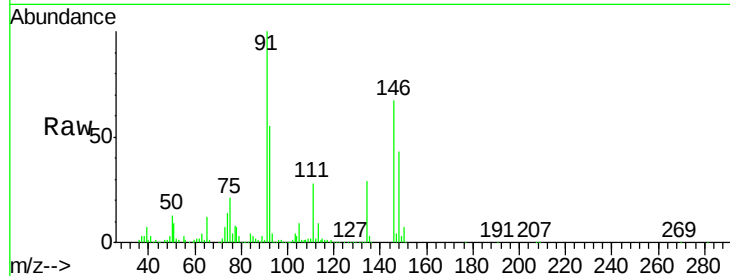
ClientSampleId :

VX0430WBSD01

Tot Ion:	146	Resp:	123480
Ion Ratio	Lower	Upper	
146	100		
111	42.1	20.7	62.1
148	64.5	32.0	96.2

Manual Integrations
APPROVED

MMDadoda
5/4/2020 3:10:23 PM



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.554 ug/l

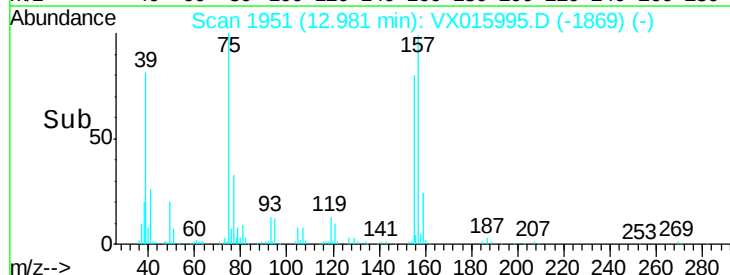
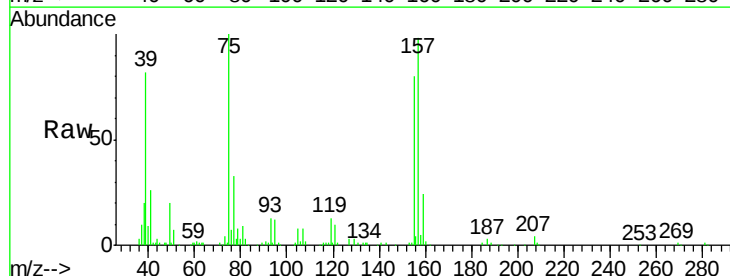
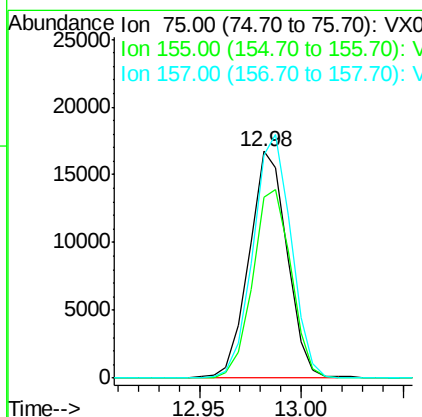
RT: 12.98 min Scan# 1951

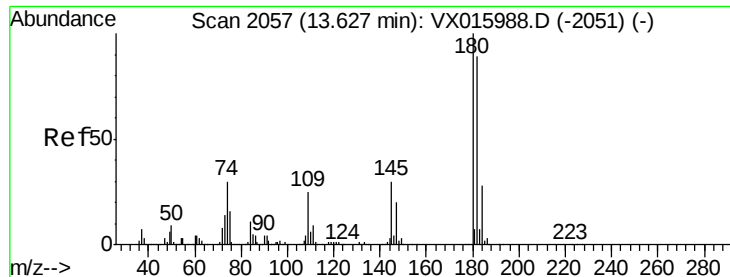
Delta R.T. 0.00 min

Lab File: VX015995.D

Acq: 30 Apr 2020 15:15

Tgt Ion:	75	Resp:	21766
Ion Ratio	Lower	Upper	
75	100		
155	83.4	66.9	100.3
157	106.9	88.2	132.2





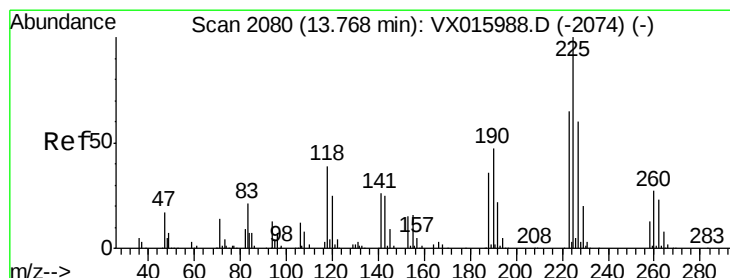
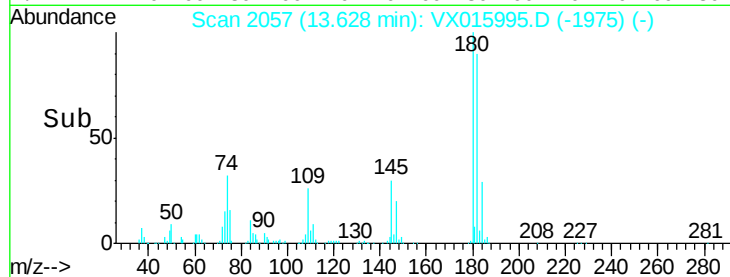
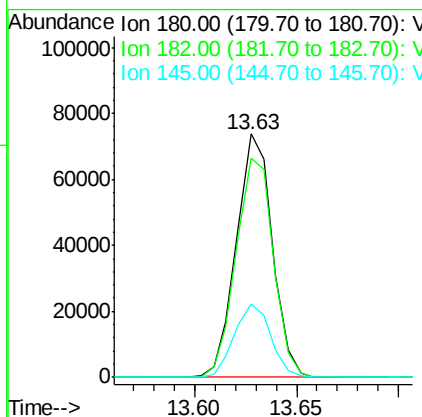
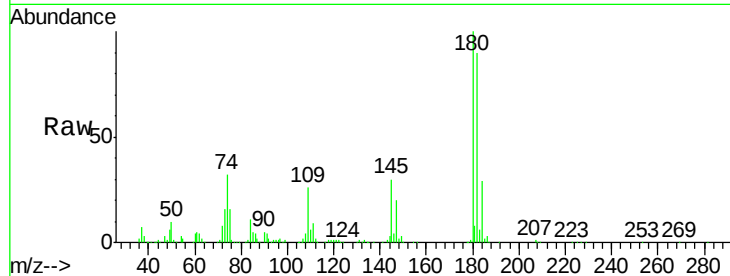
#89
 1,2,4-Trichlorobenzene
 Concen: 18.494 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX015995.D
 Acq: 30 Apr 2020 15:15

Instrument :
 MSVOA_X
 ClientSampled :
 VX0430WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	75.0	112.6
145	30.5	23.9	35.9

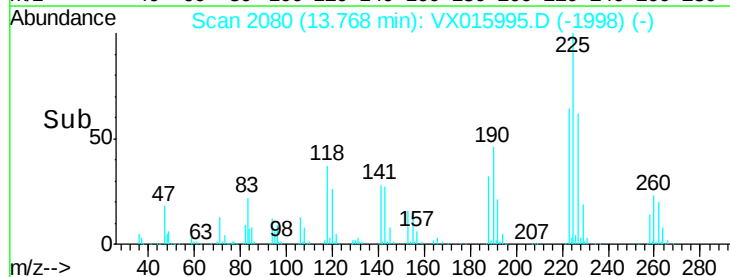
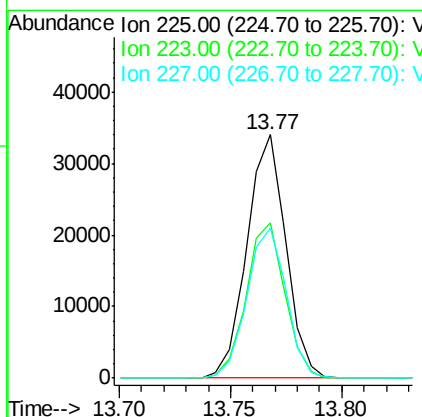
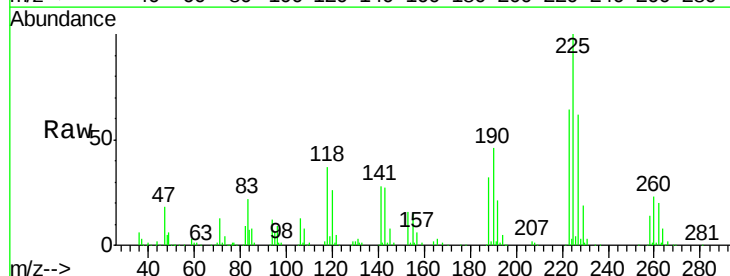
Manual Integrations
 APPROVED

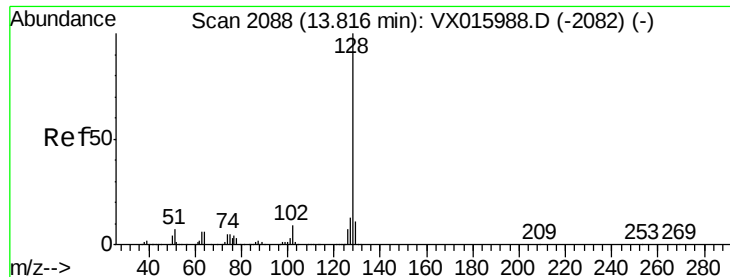
MMDadoda
 5/4/2020 3:10:23 PM



#90
 Hexachlorobutadiene
 Concen: 19.803 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX015995.D
 Acq: 30 Apr 2020 15:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	0.0	123.6
227	62.3	0.0	123.6





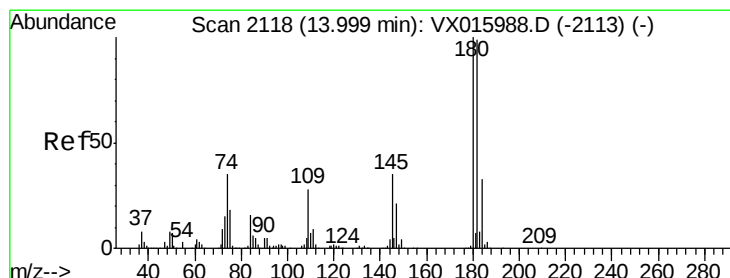
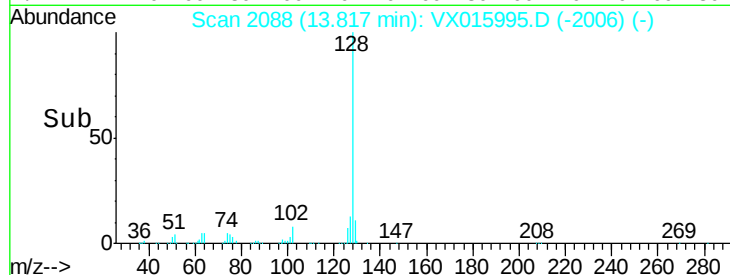
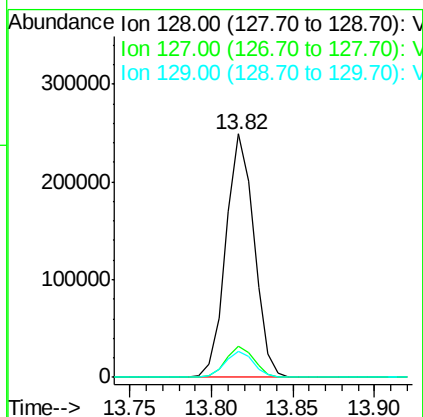
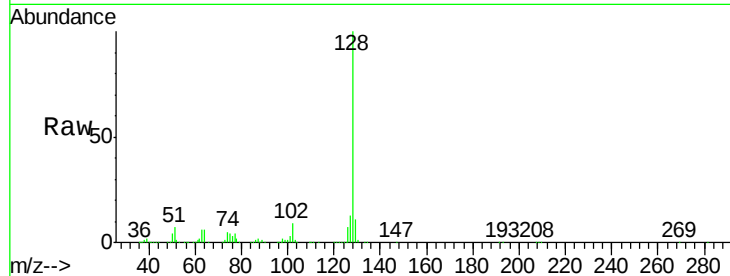
#91
Naphthalene
Concen: 19.202 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

Instrument :
MSVOA_X
ClientSampleId :
VX0430WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	298380		
127	12.8	10.5	15.7	
129	10.9	8.6	13.0	

Manual Integrations
APPROVED

MMDadoda
5/4/2020 3:10:23 PM



#92
1,2,3-Trichlorobenzene
Concen: 18.842 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX015995.D
Acq: 30 Apr 2020 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	88354		
182	96.4	0.0	197.2	
145	32.7	0.0	66.0	

