

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052620\
 Data File : VX016431.D
 Acq On : 26 May 2020 17:41
 Operator : JC/SP
 Sample : VX0526WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0526WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/27/2020 12:28:05 PM

Quant Time: May 27 05:48:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052620W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 26 16:32:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	140579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	233691	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	226760	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	110611	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	90712	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	
35) Dibromofluoromethane	5.46	113	69151	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	
50) Toluene-d8	8.70	98	272510	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
62) 4-Bromofluorobenzene	11.12	95	99765	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	21195	18.578	ug/l	98
3) Chloromethane	1.31	50	29455	21.115	ug/l	99
4) Vinyl Chloride	1.39	62	39420	21.393	ug/l	98
5) Bromomethane	1.63	94	30949	15.612	ug/l	100
6) Chloroethane	1.71	64	28332	20.849	ug/l	98
7) Trichlorofluoromethane	1.92	101	67283	21.946	ug/l	99
8) Diethyl Ether	2.17	74	26271	21.022	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	25178	18.899	ug/l	99
10) Methyl Iodide	2.49	142	21431	18.301	ug/l	98
11) Tert butyl alcohol	3.01	59	38904	92.423	ug/l	97
12) 1,1-Dichloroethene	2.35	96	24338	17.865	ug/l	92
13) Acrolein	2.27	56	25601	113.612	ug/l	98
14) Allyl chloride	2.70	41	41740	18.754	ug/l	99
15) Acrylonitrile	3.11	53	79284	94.590	ug/l	99
16) Acetone	2.42	43	70577	97.308	ug/l	96
17) Carbon Disulfide	2.55	76	73644	18.267	ug/l	99
18) Methyl Acetate	2.75	43	33907	19.169	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	89668	18.884	ug/l	97
20) Methylene Chloride	2.83	84	28491	18.211	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	27912	18.029	ug/l	95
22) Diisopropyl ether	3.82	45	85354	19.038	ug/l	# 87
23) Vinyl Acetate	3.78	43	385234	96.084	ug/l	98
24) 1,1-Dichloroethane	3.67	63	49519	18.622	ug/l	99
25) 2-Butanone	4.64	43	111572	94.675	ug/l	99
26) 2,2-Dichloropropane	4.55	77	47931	19.830	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	33338	18.900	ug/l	96
28) Bromochloromethane	4.98	49	25151	19.731	ug/l	92
29) Tetrahydrofuran	5.08	42	72375	94.759	ug/l	99
30) Chloroform	5.17	83	54563	19.526	ug/l	90
31) Cyclohexane	5.55	56	43238	19.158	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	49421	19.315	ug/l	98
36) 1,1-Dichloropropene	5.77	75	39723	19.174	ug/l	98
37) Ethyl Acetate	4.79	43	43431	18.969	ug/l	99
38) Carbon Tetrachloride	5.76	117	42558	18.954	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052620\
 Data File : VX016431.D
 Acq On : 26 May 2020 17:41
 Operator : JC/SP
 Sample : VX0526WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0526WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/27/2020 12:28:05 PM

Quant Time: May 27 05:48:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052620W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 26 16:32:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	44346	19.326	ug/l	96
40) Benzene	6.11	78	118367	19.143	ug/l	99
41) Methacrylonitrile	5.00	41	22197	18.132	ug/l	96
42) 1,2-Dichloroethane	6.16	62	45206	20.029	ug/l	99
43) Isopropyl Acetate	6.41	43	72499	19.740	ug/l	99
44) Trichloroethene	7.19	130	37470	18.487	ug/l	99
45) 1,2-Dichloropropane	7.49	63	29921	19.375	ug/l	92
46) Dibromomethane	7.64	93	21207	18.846	ug/l	95
47) Bromodichloromethane	7.87	83	42832	18.846	ug/l	95
48) Methyl methacrylate	7.74	41	31191	18.637	ug/l	99
49) 1,4-Dioxane	7.71	88	15431	358.305	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	218513	94.142	ug/l	99
52) Toluene	8.76	92	75530	19.037	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	48670	18.816	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	48948	18.407	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	30152	18.637	ug/l	96
56) Ethyl methacrylate	9.16	69	45650	18.750	ug/l	97
57) 1,3-Dichloropropane	9.35	76	50726	18.910	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.29	63	112281	86.461	ug/l	98
59) 2-Hexanone	9.47	43	171822	96.137	ug/l	98
60) Dibromochloromethane	9.57	129	34396	18.488	ug/l	97
61) 1,2-Dibromoethane	9.65	107	33286	18.747	ug/l	98
64) Tetrachloroethene	9.32	164	41899	17.736	ug/l	95
65) Chlorobenzene	10.12	112	82372	18.414	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.20	131	31097	17.903	ug/l	99
67) Ethyl Benzene	10.24	91	145970	18.740	ug/l	99
68) m/p-Xylenes	10.34	106	112419	36.908	ug/l	99
69) o-Xylene	10.68	106	53378	18.441	ug/l	99
70) Styrene	10.69	104	88404	18.091	ug/l	99
71) Bromoform	10.84	173	23426	16.337	ug/l #	100
73) Isopropylbenzene	11.00	105	138989	18.612	ug/l	100
74) N-amyl acetate	10.88	43	58628	18.456	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	34735	18.413	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	43871m	19.110	ug/l	
77) Bromobenzene	11.24	156	34000	17.583	ug/l	93
78) n-propylbenzene	11.34	91	157335	18.635	ug/l	99
79) 2-Chlorotoluene	11.40	91	95413	18.996	ug/l	96
80) 1,3,5-Trimethylbenzene	11.49	105	117029	18.744	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	17061	17.871	ug/l	94
82) 4-Chlorotoluene	11.49	91	113722	18.825	ug/l	98
83) tert-Butylbenzene	11.76	119	98733	18.493	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	118744	18.872	ug/l	99
85) sec-Butylbenzene	11.93	105	126893	18.761	ug/l	98
86) p-Isopropyltoluene	12.05	119	118067	18.685	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	61460	17.904	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	62754	18.060	ug/l	97
89) n-Butylbenzene	12.37	91	102250	18.652	ug/l	97
90) Hexachloroethane	12.58	117	21310	18.609	ug/l	88
91) 1,2-Dichlorobenzene	12.38	146	61516	18.186	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	11195	19.178	ug/l	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052620\
Data File : VX016431.D
Acq On : 26 May 2020 17:41
Operator : JC/SP
Sample : VX0526WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS01

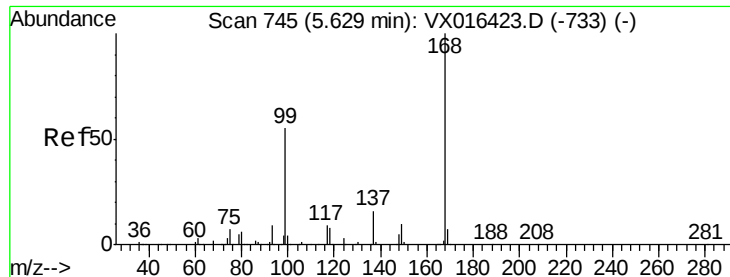
Manual Integrations
APPROVED

MMDadoda
5/27/2020 12:28:05 PM

Quant Time: May 27 05:48:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052620W.M
Quant Title : SW846 8260
QLast Update : Tue May 26 16:32:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	34547	16.408	ug/l	99
94) Hexachlorobutadiene	13.77	225	13135	17.301	ug/l	95
95) Naphthalene	13.82	128	129516	17.167	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	35348	17.370	ug/l	97

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



#1

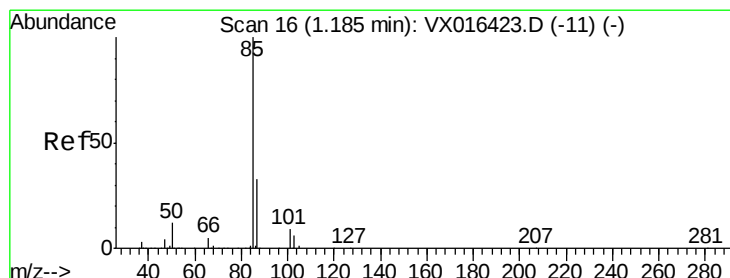
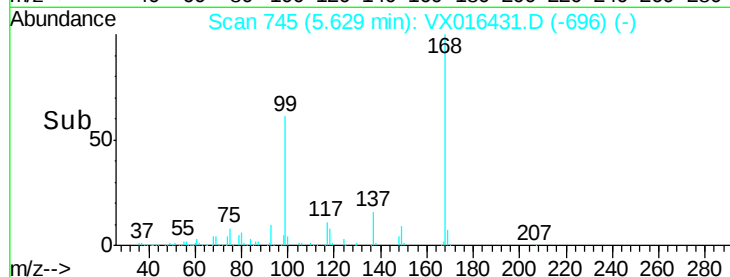
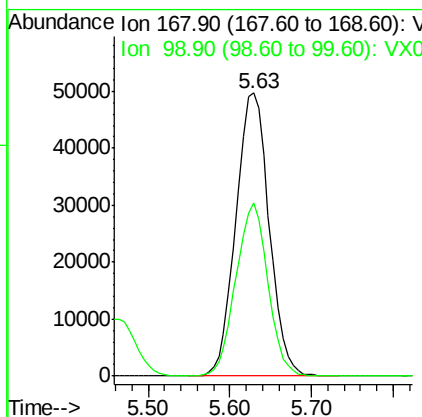
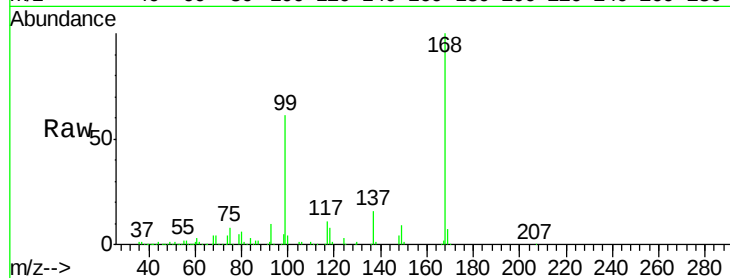
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: VX016431.D
 Acq: 26 May 2020 17:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0526WBS01

Tot Ion	Ratio	Resp	Lower	Upper
168	100	140579		
99	61.1		44.4	66.6

Manual Integrations
 APPROVED

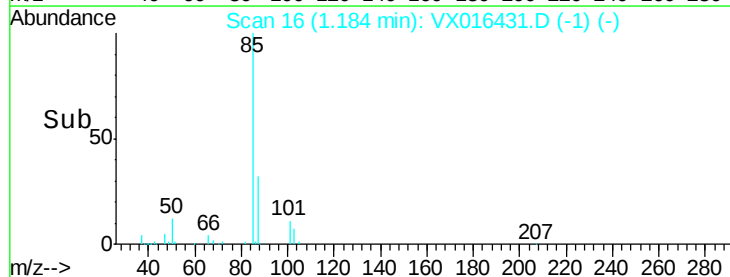
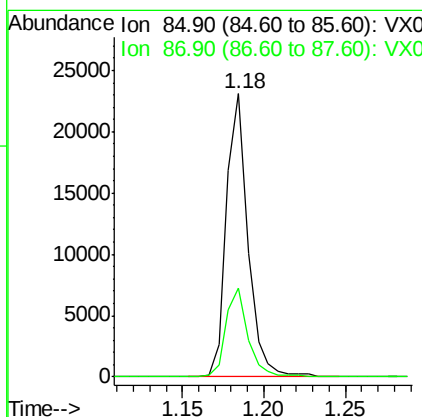
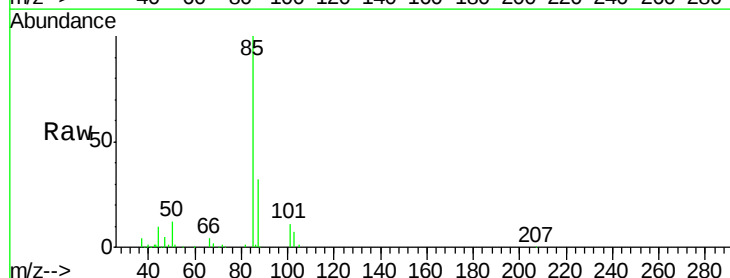
MMDadoda
 5/27/2020 12:28:05 PM

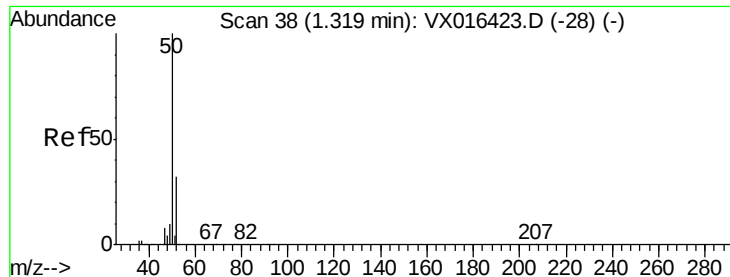


#2

Dichlorodifluoromethane
 Concen: 18.578 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. -0.00 min
 Lab File: VX016431.D
 Acq: 26 May 2020 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	21195		
87	31.6		16.4	49.2





#3

Chloromethane

Concen: 21.115 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBS01

Tot Ion: 50 Resp: 29455

Ion Ratio Lower Upper

50 100

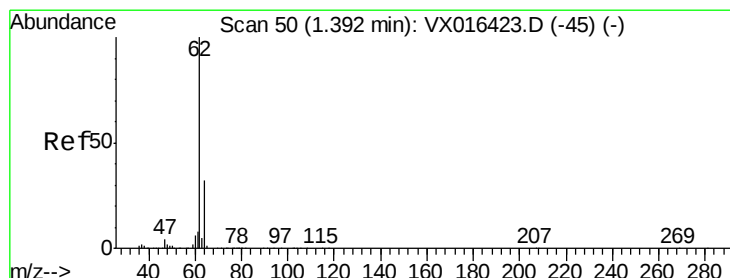
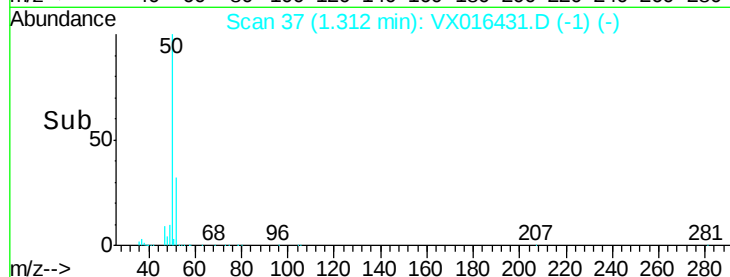
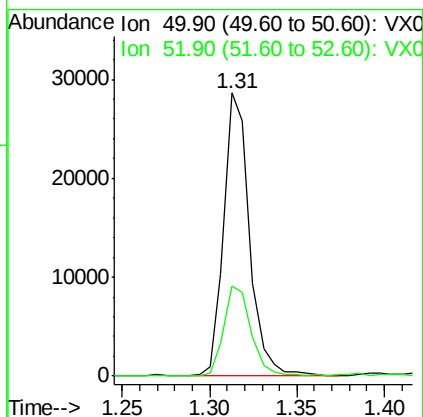
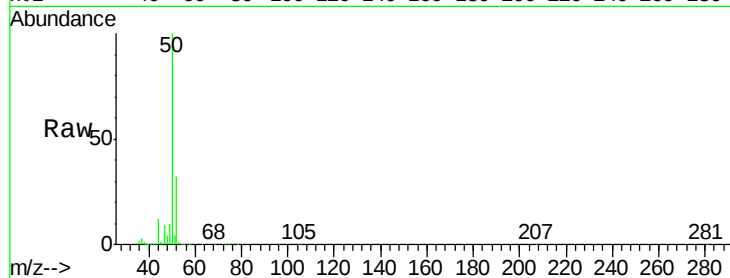
52 32.0 25.9 38.9

Manual Integrations

APPROVED

MMDadoda

5/27/2020 12:28:05 PM



#4

Vinyl Chloride

Concen: 21.393 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016431.D

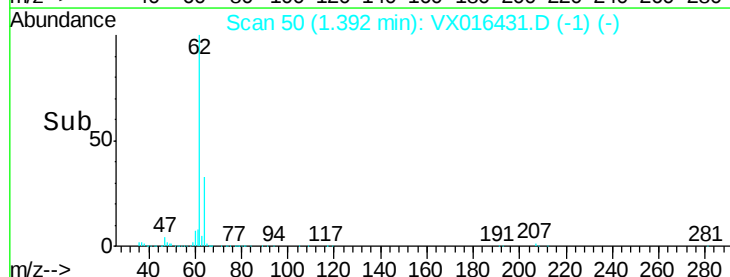
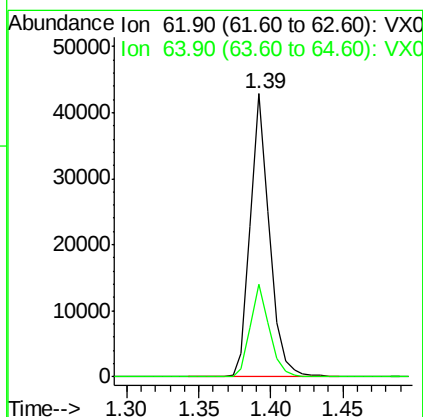
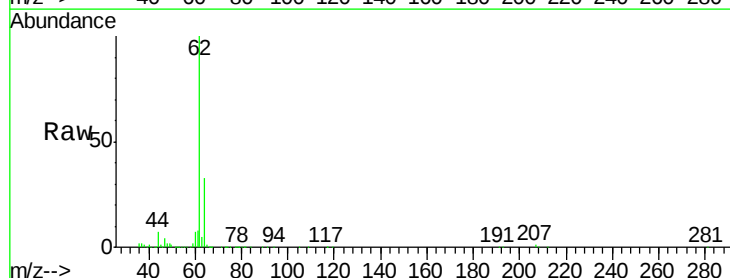
Acq: 26 May 2020 17:41

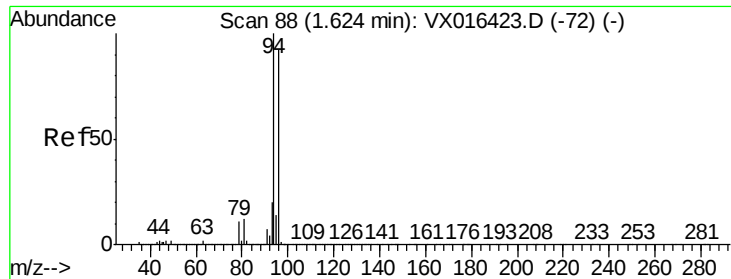
Tgt Ion: 62 Resp: 39420

Ion Ratio Lower Upper

62 100

64 32.7 25.4 38.0





#5

Bromomethane

Concen: 15.612 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBS01

Tot Ion: 94 Resp: 30949

Ion Ratio Lower Upper

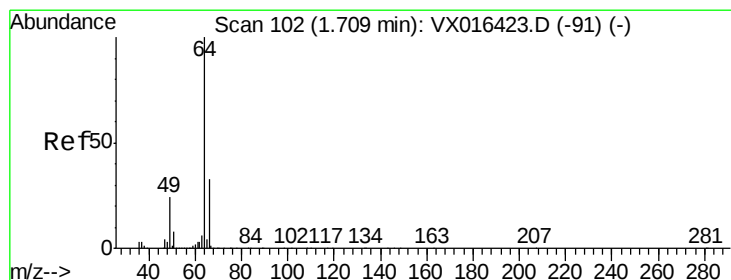
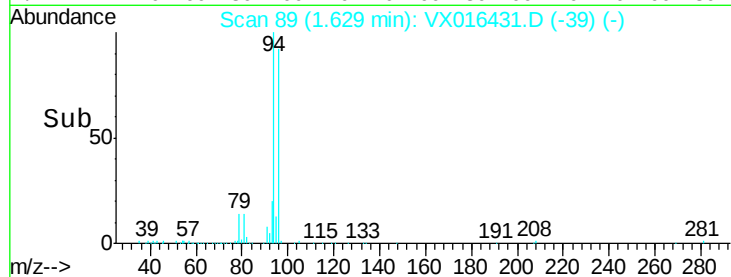
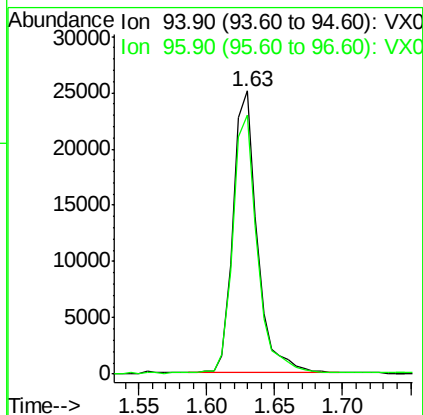
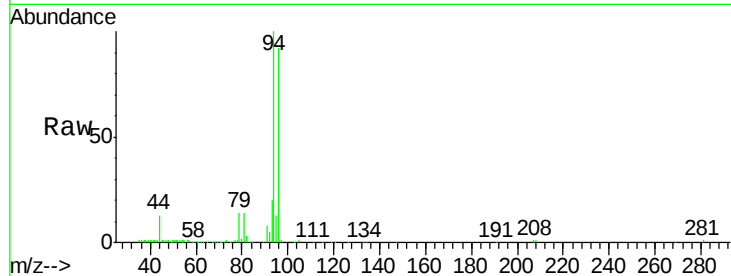
94 100

96 91.6 73.7 110.5

Manual Integrations
APPROVED

MMDadoda

5/27/2020 12:28:05 PM



#6

Chloroethane

Concen: 20.849 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX016431.D

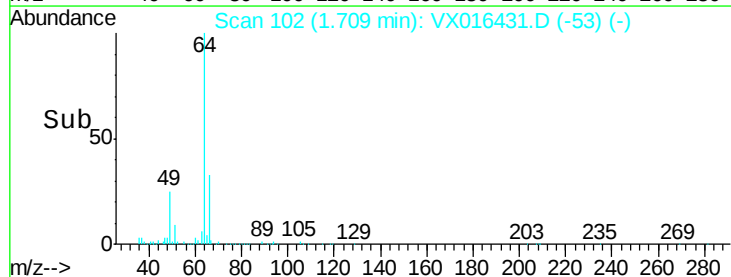
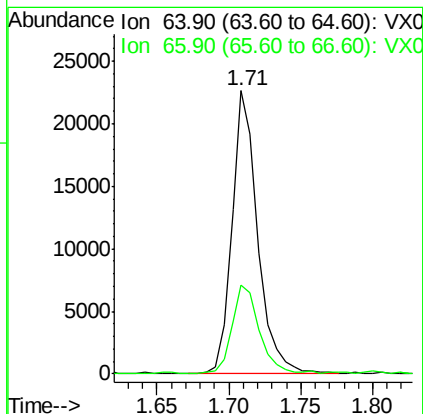
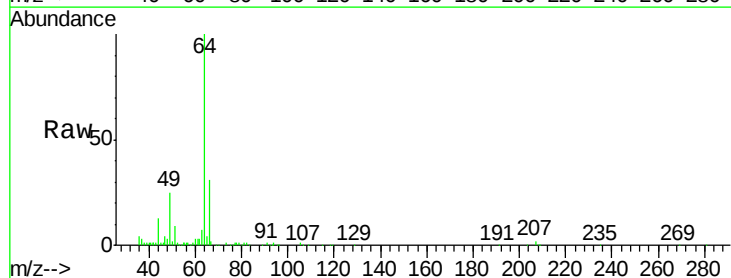
Acq: 26 May 2020 17:41

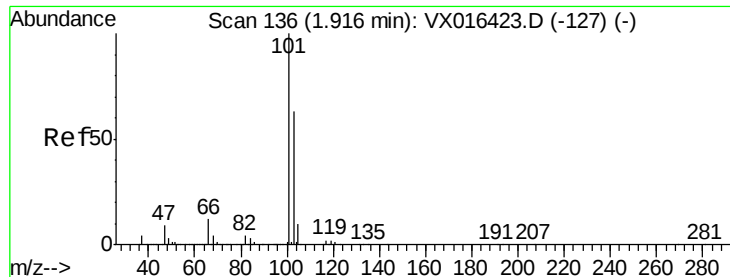
Tgt Ion: 64 Resp: 28332

Ion Ratio Lower Upper

64 100

66 31.4 26.0 39.0





#7

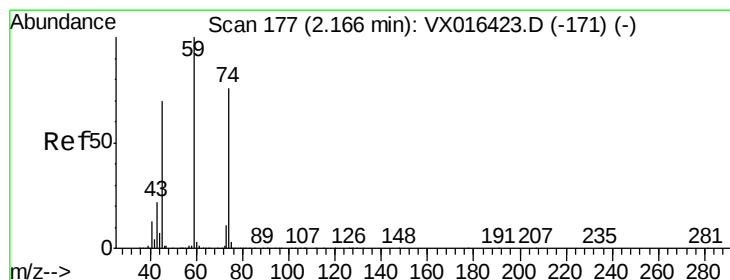
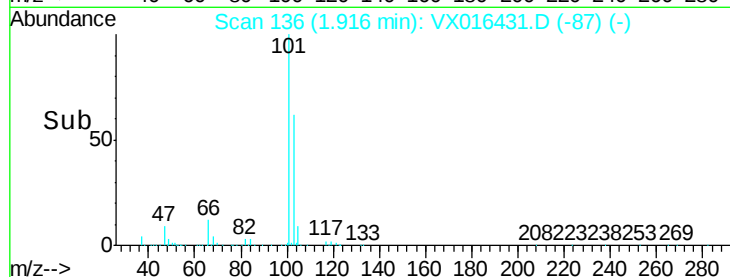
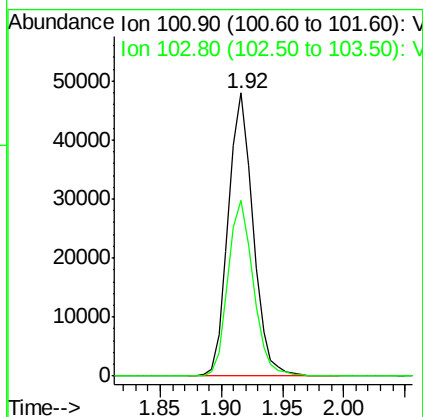
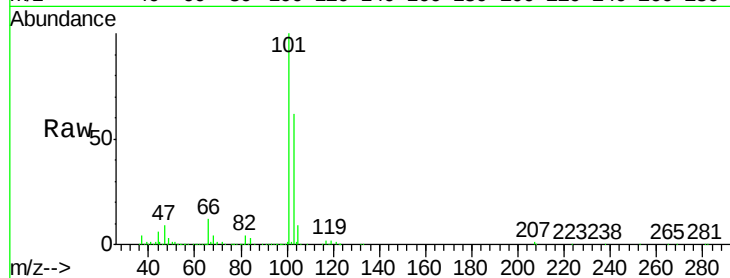
Trichlorofluoromethane
Concen: 21.946 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.1	50.1	75.1

Manual Integrations
APPROVED

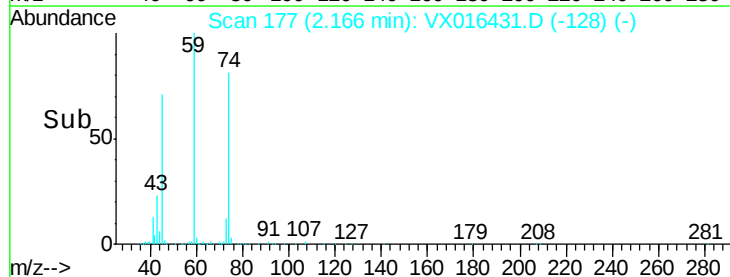
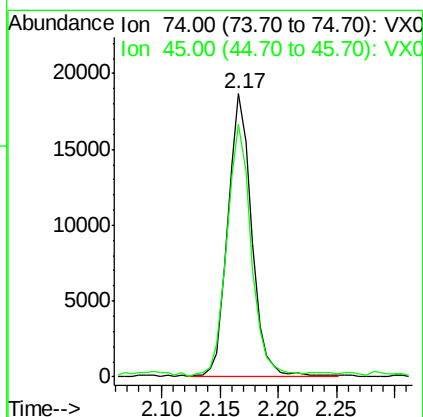
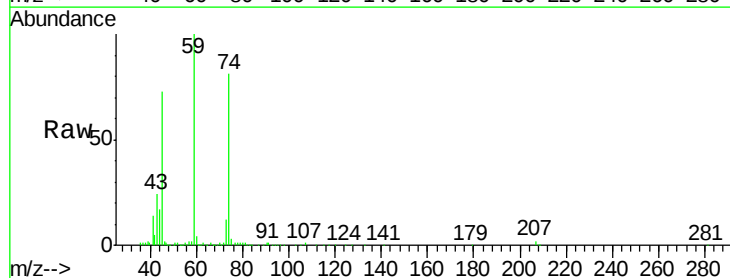
MMDadoda
5/27/2020 12:28:05 PM

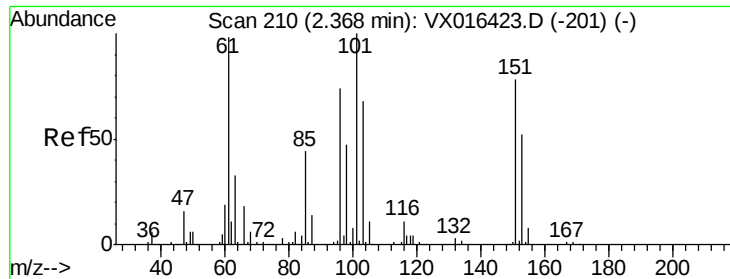


#8

Diethyl Ether
Concen: 21.022 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.3	44.4	133.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.899 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

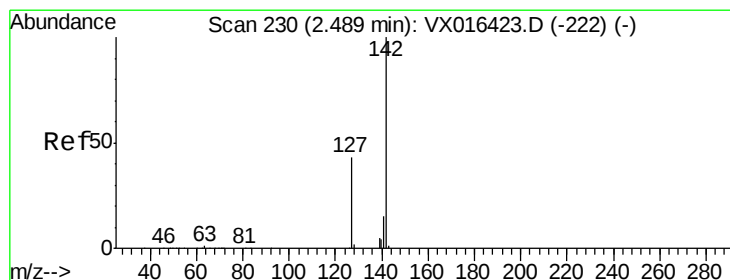
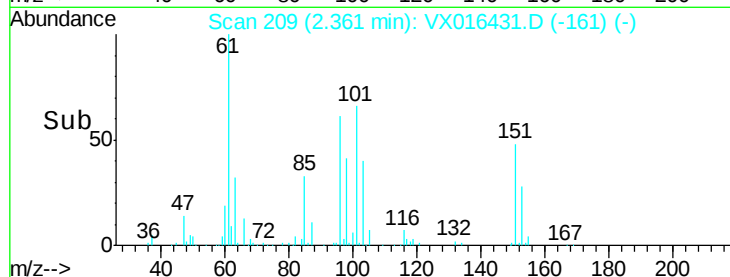
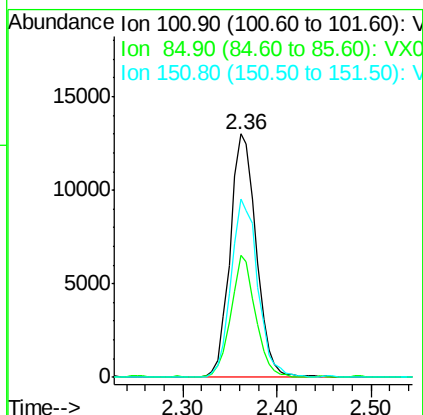
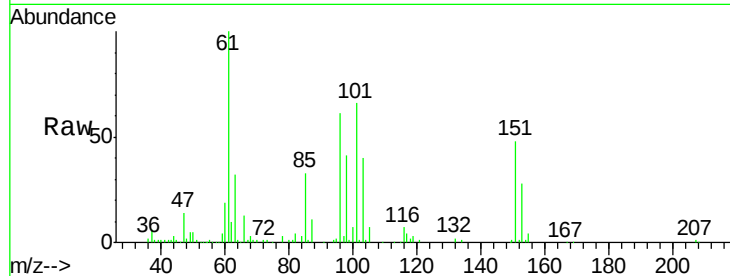
ClientSampleId :

VX0526WBS01

Tot Ion:	101	Resp:	25178
Ion Ratio	Lower	Upper	
101	100		
85	46.7	36.2	54.4
151	74.9	60.4	90.6

Manual Integrations
APPROVED

MMDadoda
5/27/2020 12:28:05 PM



#10

Methyl Iodide

Concen: 18.301 ug/l

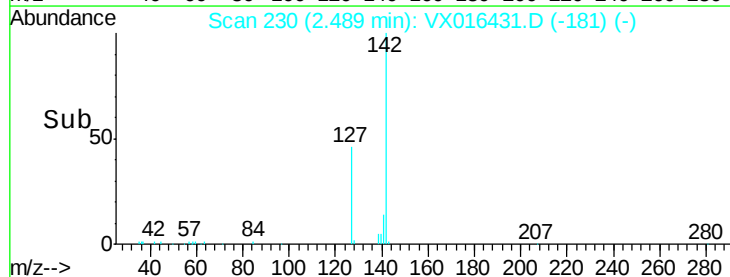
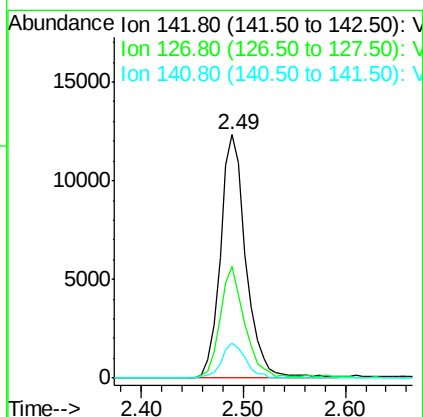
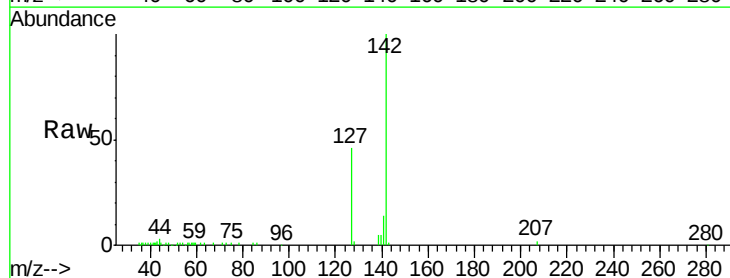
RT: 2.49 min Scan# 230

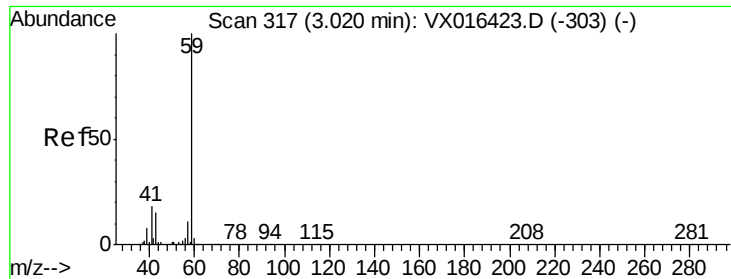
Delta R.T. 0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Tgt Ion:	142	Resp:	21431
Ion Ratio	Lower	Upper	
142	100		
127	44.3	36.2	54.4
141	13.6	12.2	18.2





#11

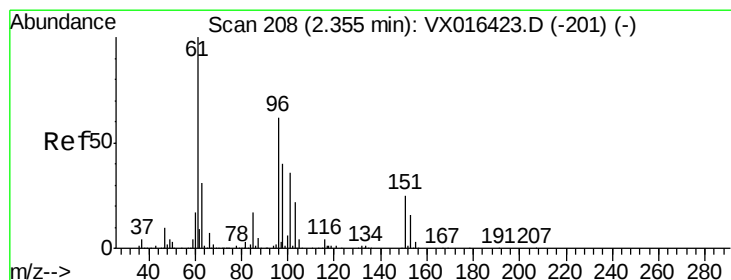
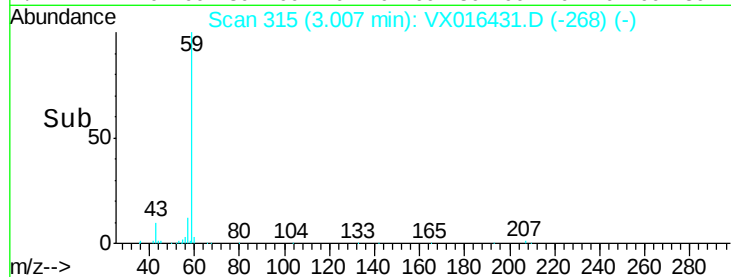
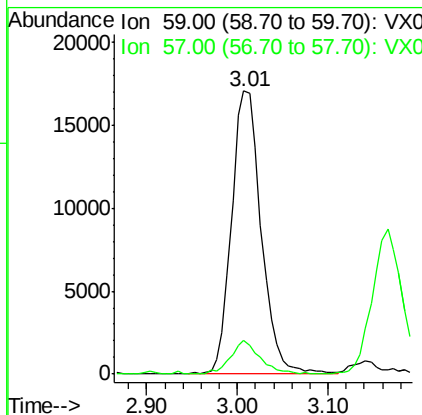
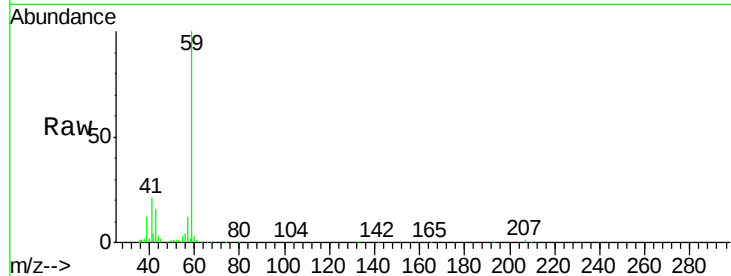
Tert butyl alcohol
 Concen: 92.423 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX016431.D
 Acq: 26 May 2020 17:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0526WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.9	8.5	12.7

Manual Integrations
 APPROVED

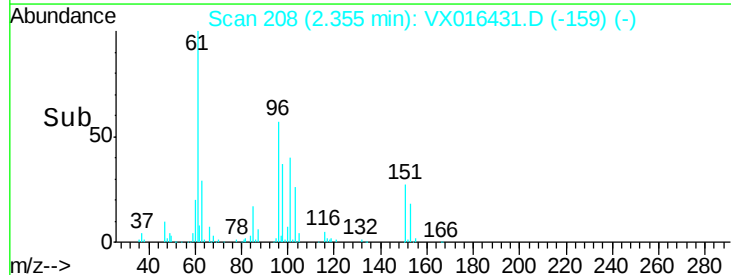
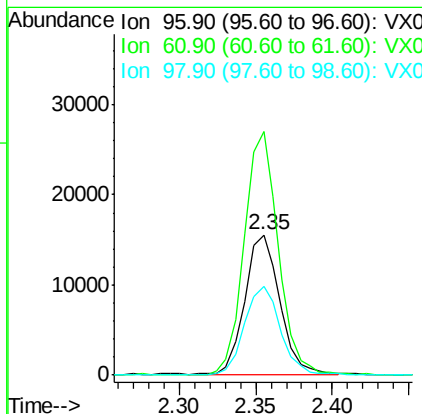
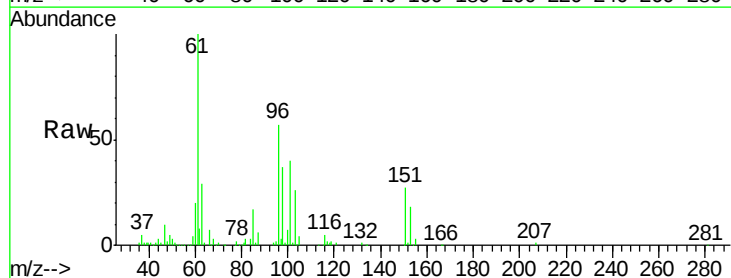
MMDadoda
 5/27/2020 12:28:05 PM

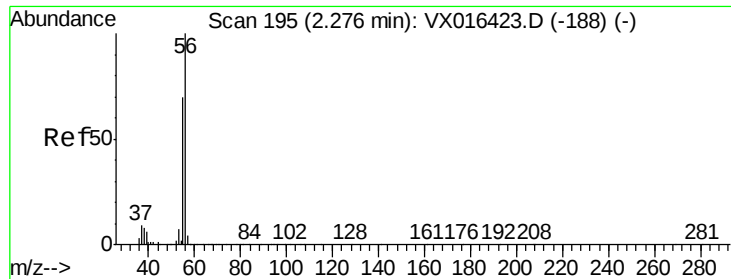


#12

1,1-Dichloroethene
 Concen: 17.865 ug/l
 RT: 2.35 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016431.D
 Acq: 26 May 2020 17:41

Tgt Ion	Ratio	Lower	Upper
96	100		
61	175.2	128.2	192.4
98	64.3	50.8	76.2





#13

Acrolein

Concen: 113.612 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBS01

Tot Ion: 56 Resp: 25601

Ion Ratio Lower Upper

56 100

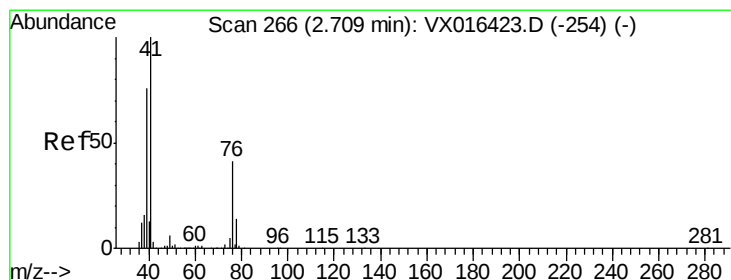
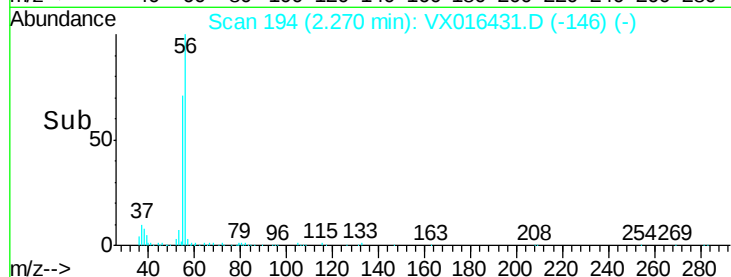
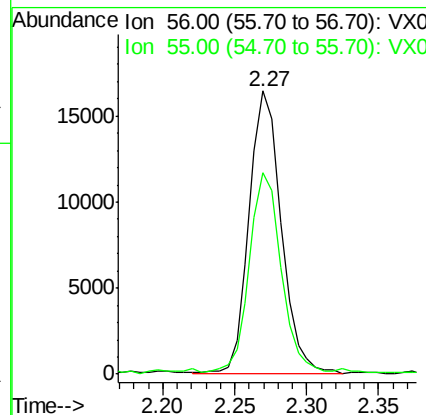
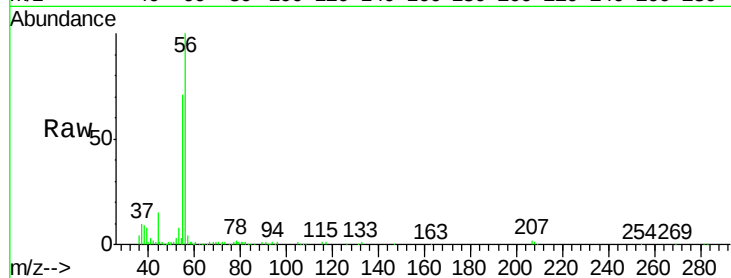
55 69.3 56.5 84.7

Manual Integrations

APPROVED

MMDadoda

5/27/2020 12:28:05 PM



#14

Allyl chloride

Concen: 18.754 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

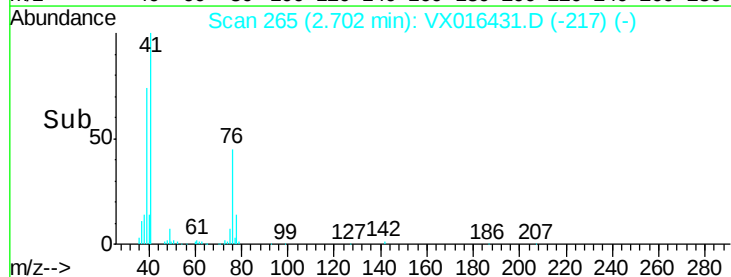
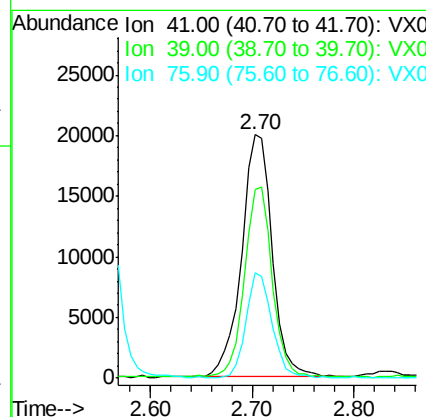
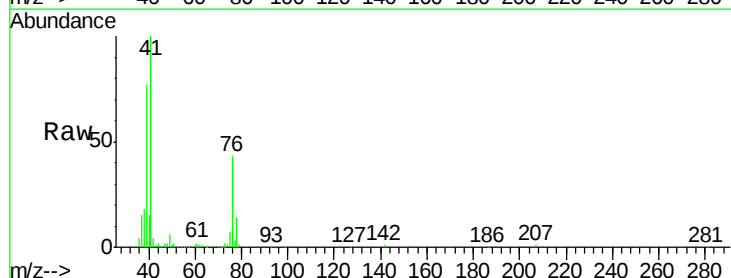
Tgt Ion: 41 Resp: 41740

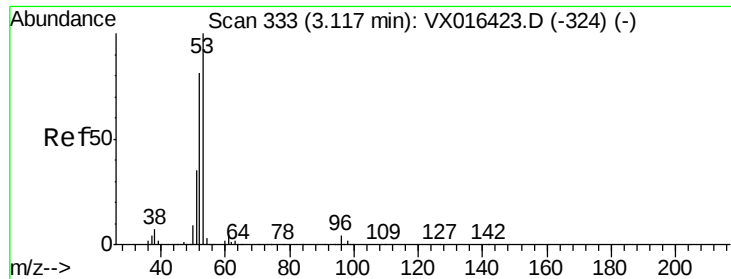
Ion Ratio Lower Upper

41 100

39 70.7 55.8 83.8

76 37.2 29.6 44.4





#15

Acrylonitrile

Concen: 94.590 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

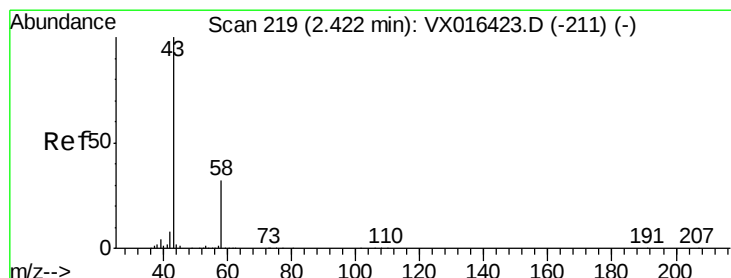
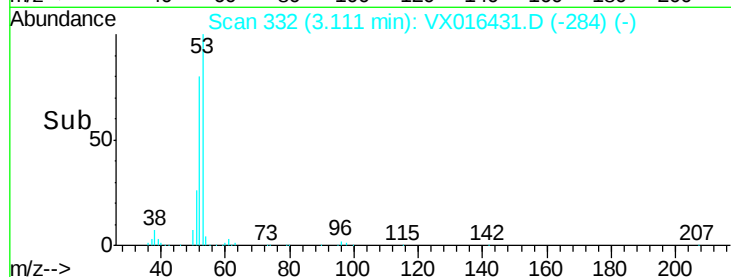
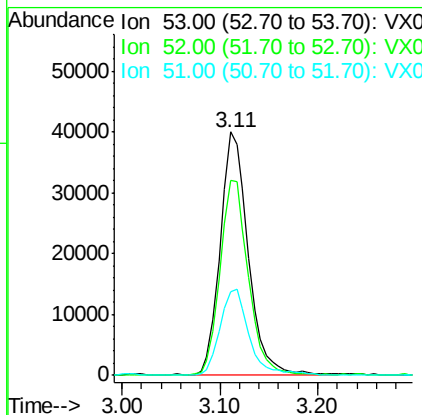
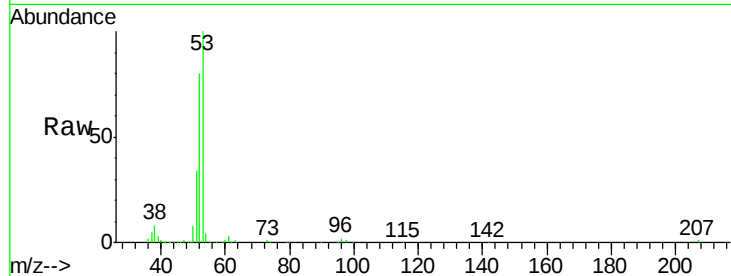
ClientSampleId :

VX0526WBS01

Tot Ion:	53	Resp:	79284
Ion	Ratio	Lower	Upper
53	100		
52	81.3	65.4	98.2
51	37.3	28.4	42.6

Manual Integrations
APPROVED

MMDadoda
5/27/2020 12:28:05 PM



#16

Acetone

Concen: 97.308 ug/l

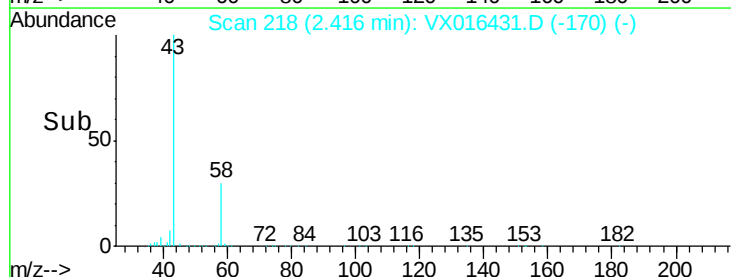
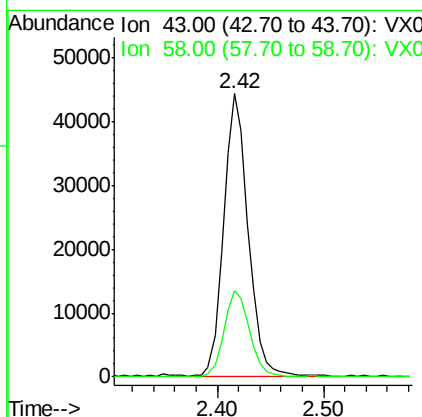
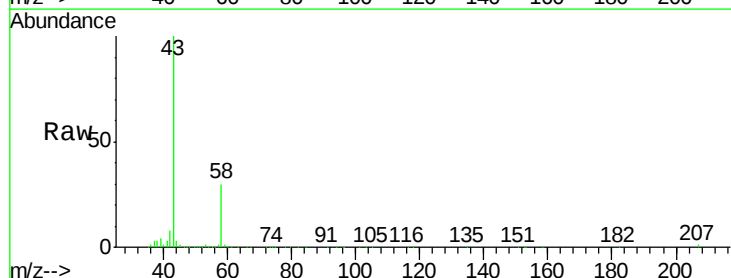
RT: 2.42 min Scan# 218

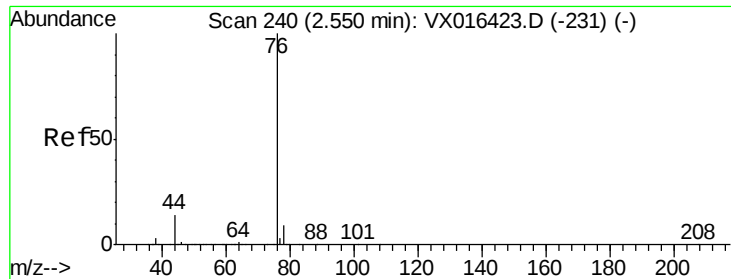
Delta R.T. -0.01 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Tgt Ion:	43	Resp:	70577
Ion	Ratio	Lower	Upper
43	100		
58	30.2	26.0	39.0





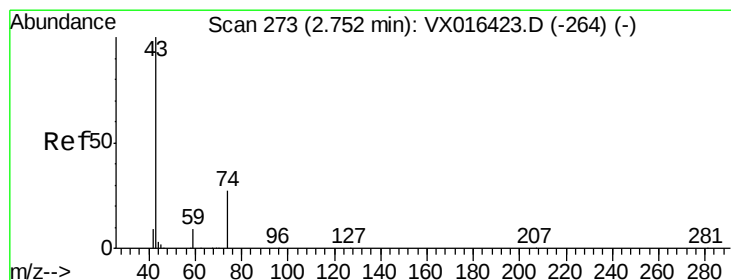
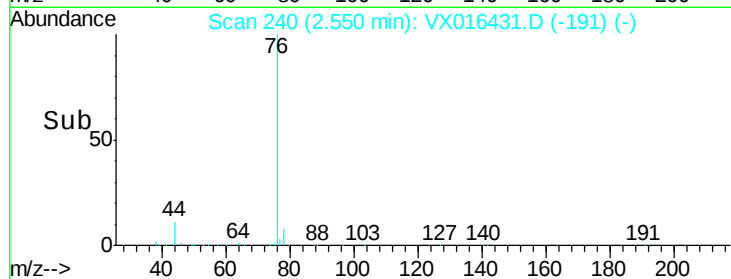
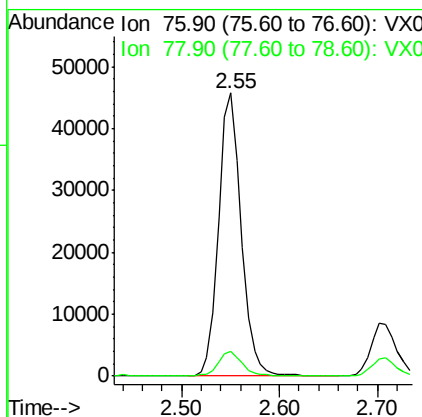
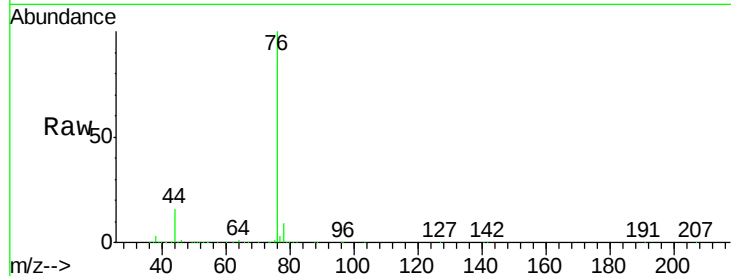
#17
Carbon Disulfide
Concen: 18.267 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS01

Tot Ion: 76 Resp: 73644
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

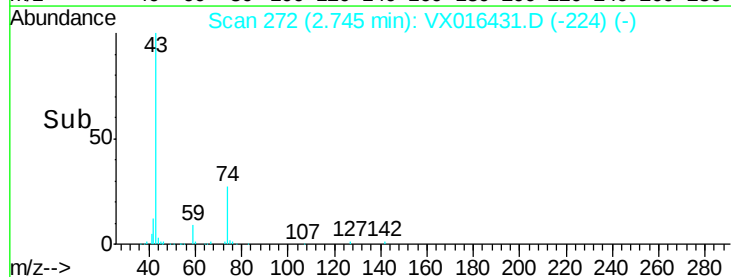
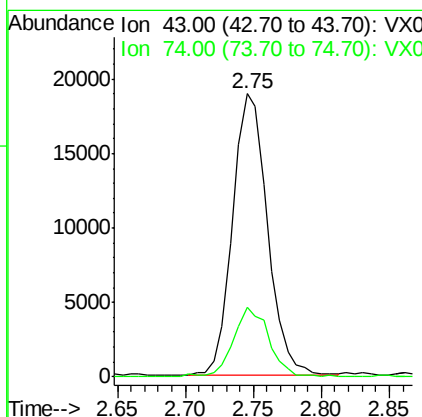
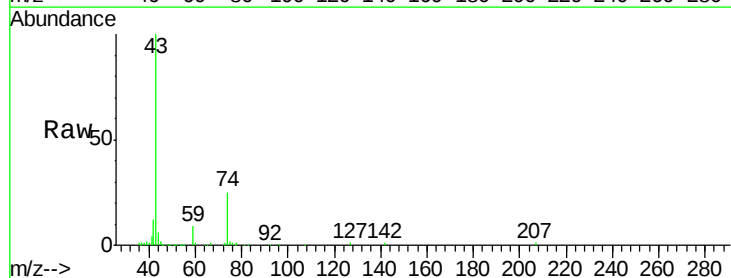
Manual Integrations
APPROVED

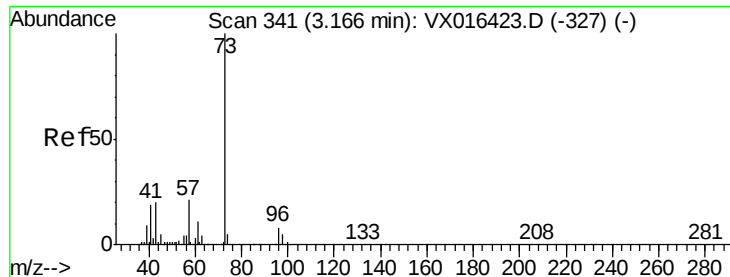
MMDadoda
5/27/2020 12:28:05 PM



#18
Methyl Acetate
Concen: 19.169 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

Tgt Ion: 43 Resp: 33907
Ion Ratio Lower Upper
43 100
74 25.7 21.3 31.9





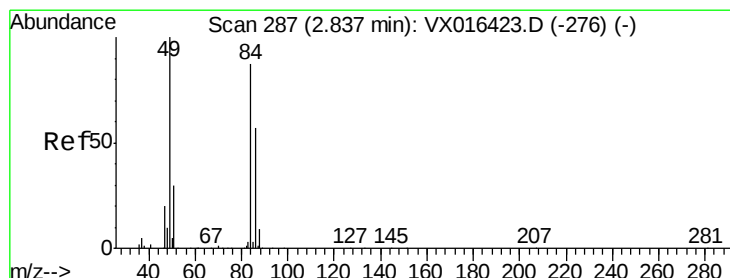
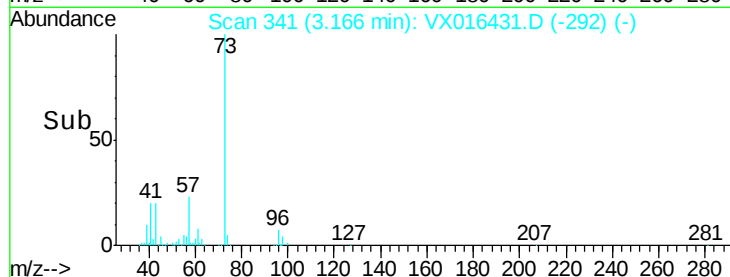
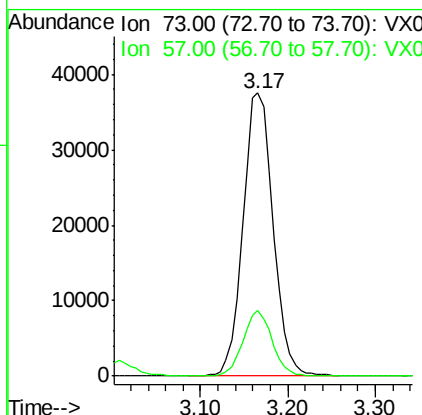
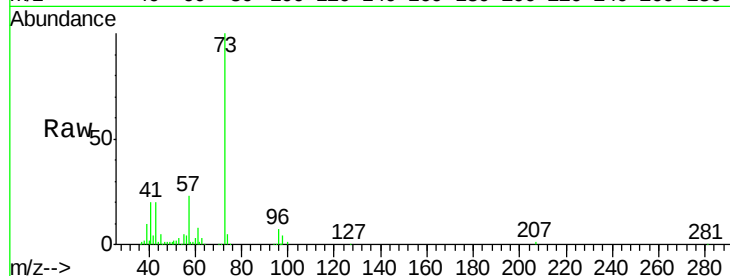
#19
Methyl tert-butyl Ether
Concen: 18.884 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS01

Tot Ion	Ion	Ratio	Lower	Upper
73	73	100		
57	57	23.1	17.3	25.9

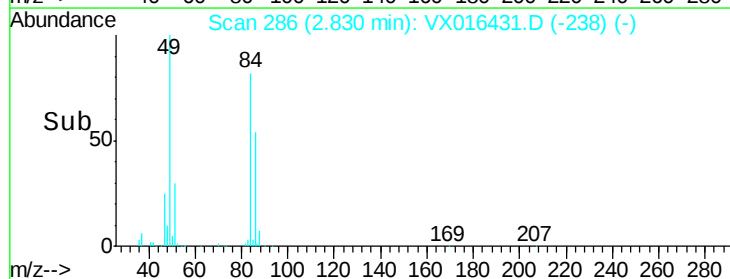
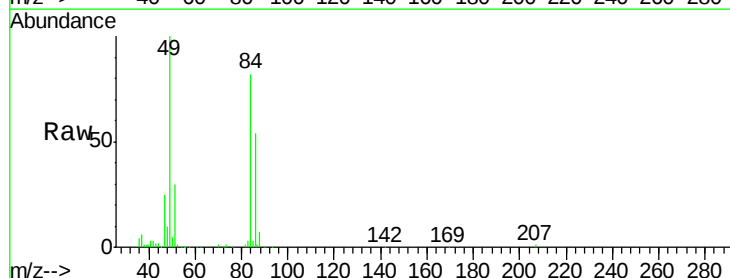
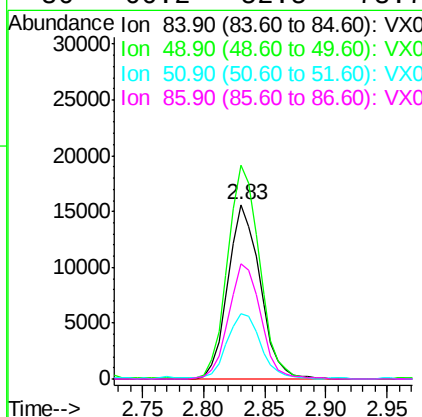
Manual Integrations
APPROVED

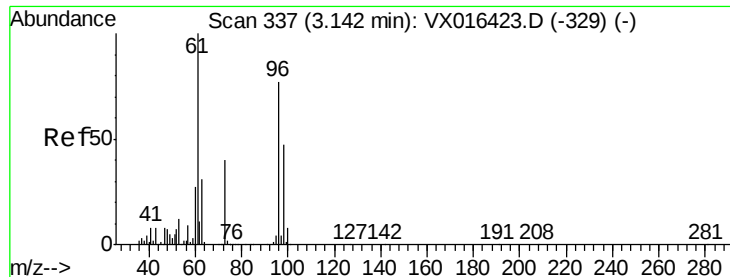
MMDadoda
5/27/2020 12:28:05 PM



#20
Methylene Chloride
Concen: 18.211 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

Tgt Ion	Ion	Ratio	Lower	Upper
84	84	100		
49	49	122.1	92.2	138.4
51	51	36.8	27.8	41.8
86	86	66.2	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 18.029 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

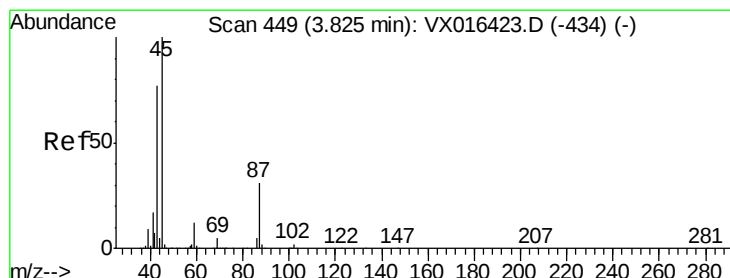
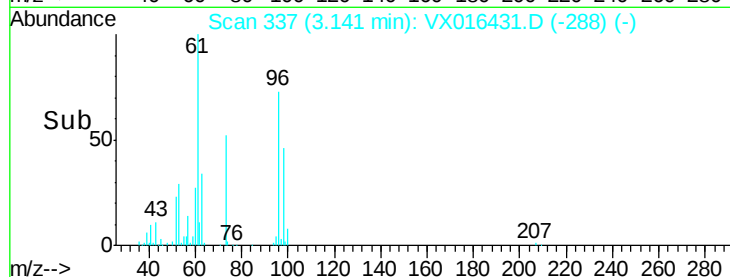
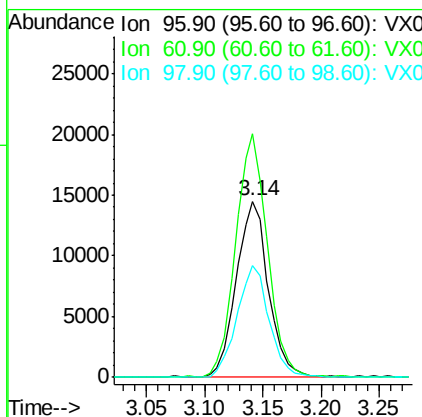
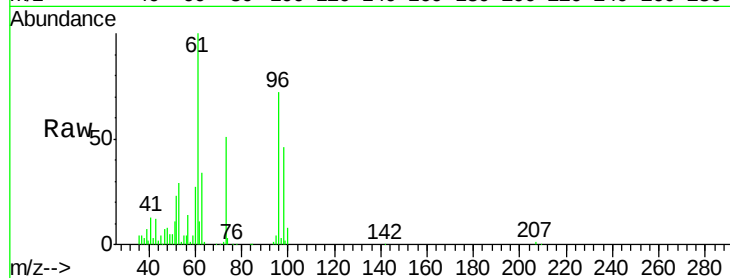
ClientSampleId :

VX0526WBS01

Tot Ion:	96	Resp:	27912
Ion	Ratio	Lower	Upper
96	100		
61	137.6	104.3	156.5
98	63.4	49.4	74.0

Manual Integrations
APPROVED

MMDadoda
5/27/2020 12:28:05 PM



#22

Diisopropyl ether

Concen: 19.038 ug/l

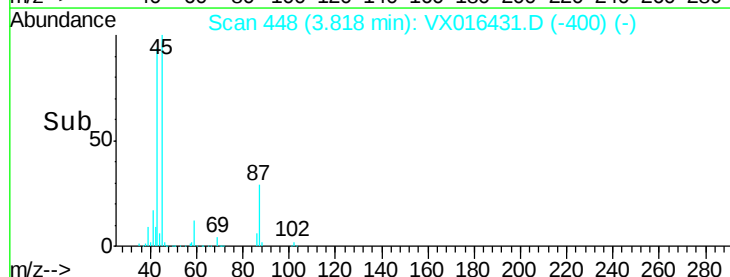
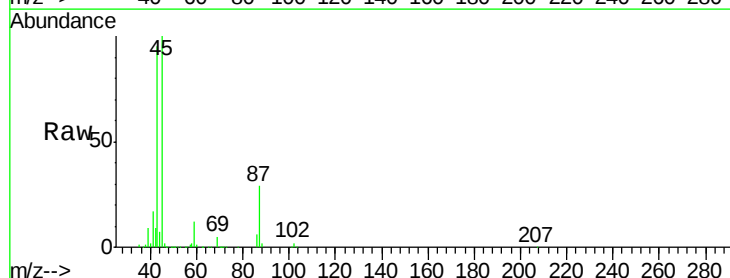
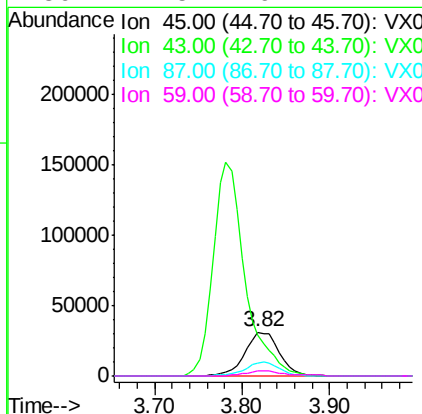
RT: 3.82 min Scan# 448

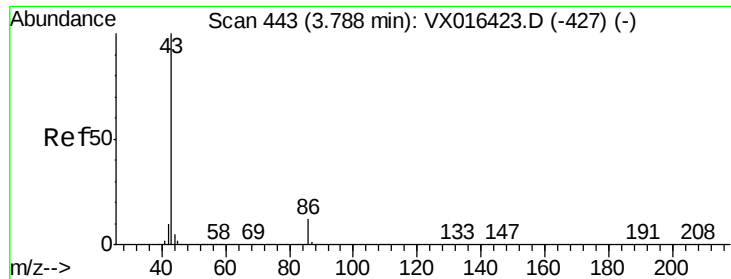
Delta R.T. -0.01 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Tgt Ion:	45	Resp:	85354
Ion	Ratio	Lower	Upper
45	100		
43	93.7	61.4	92.2#
87	29.0	24.4	36.6
59	11.5	9.4	14.2





#23

Vinyl Acetate

Concen: 96.084 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

ClientSampled :

VX0526WBS01

Tot Ion: 43 Resp: 385234

Ion Ratio Lower Upper

43 100

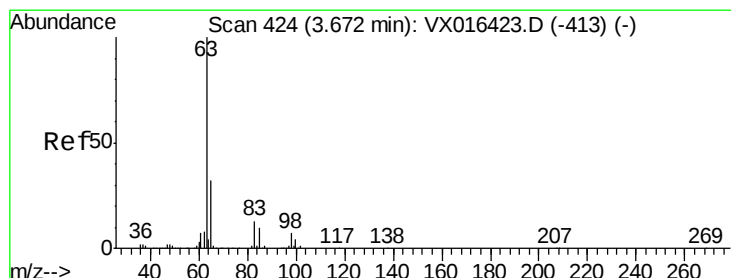
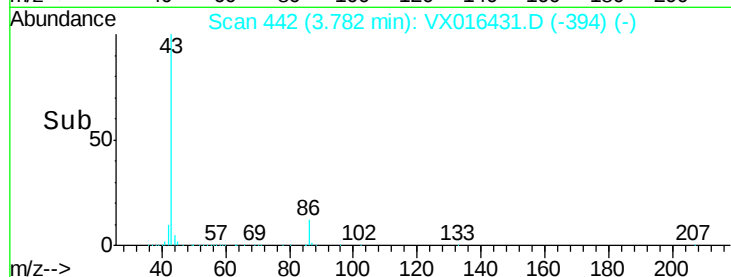
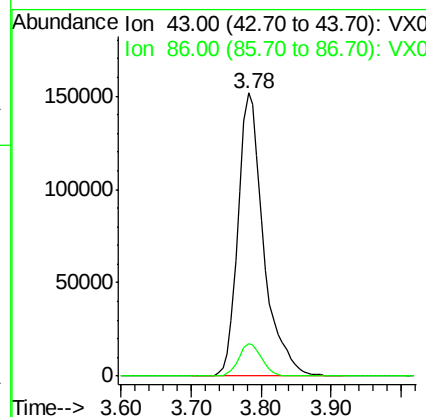
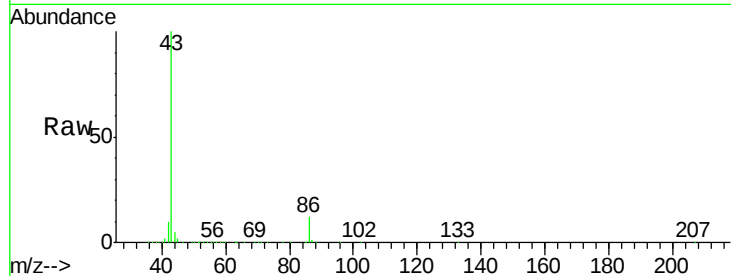
86 11.5 9.8 14.8

Manual Integrations

APPROVED

MMDadoda

5/27/2020 12:28:05 PM



#24

1,1-Dichloroethane

Concen: 18.622 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

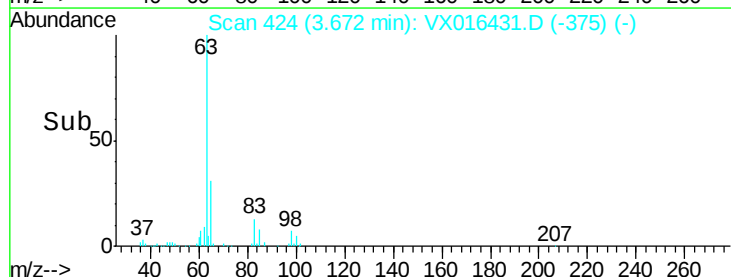
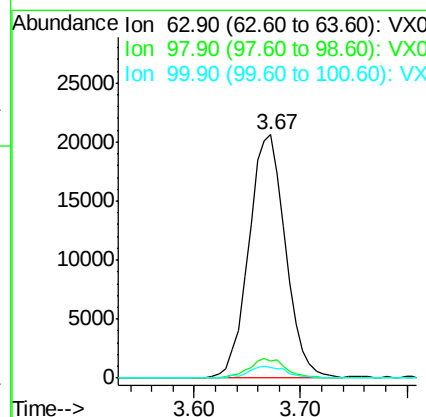
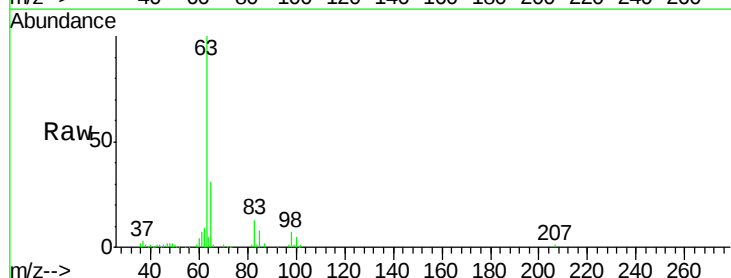
Tgt Ion: 63 Resp: 49519

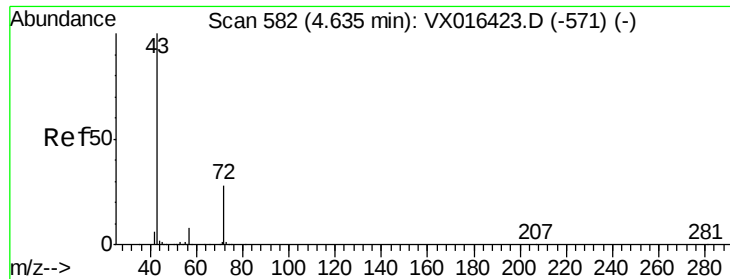
Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.8

100 4.6 2.1 6.5





#25

2-Butanone

Concen: 94.675 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

ClientSampled :

VX0526WBS01

Tot Ion: 43 Resp: 111572

Ion Ratio Lower Upper

43 100

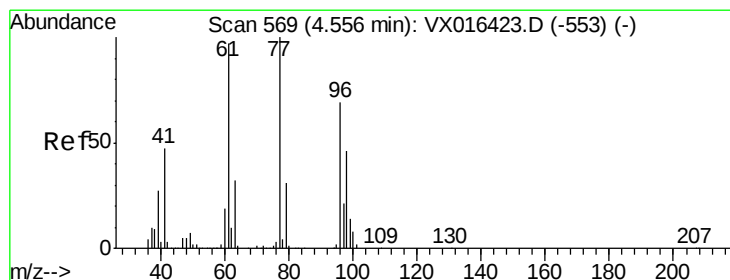
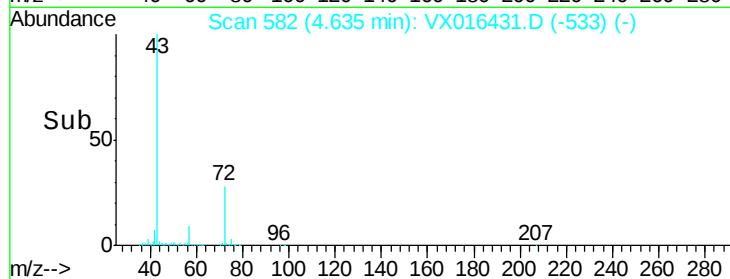
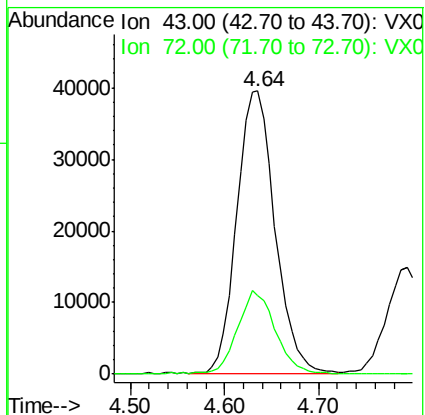
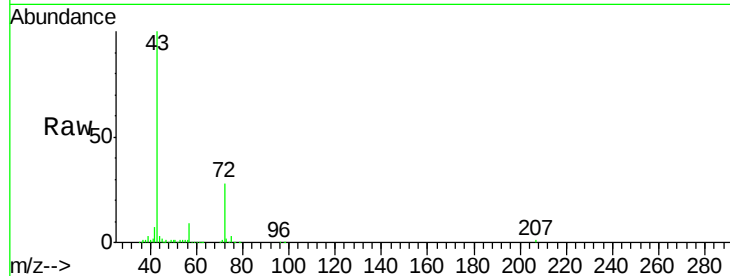
72 27.8 22.7 34.1

Manual Integrations

APPROVED

MMDadoda

5/27/2020 12:28:05 PM



#26

2,2-Dichloropropane

Concen: 19.830 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX016431.D

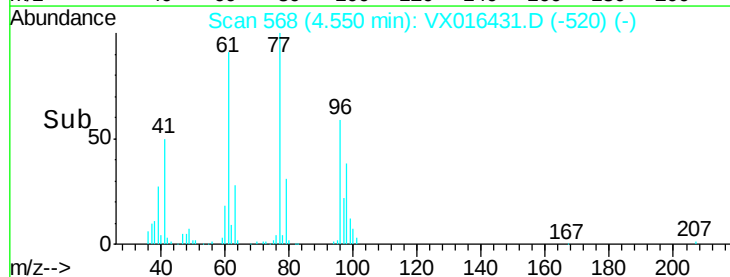
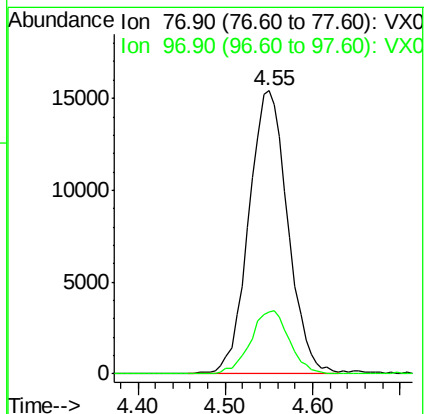
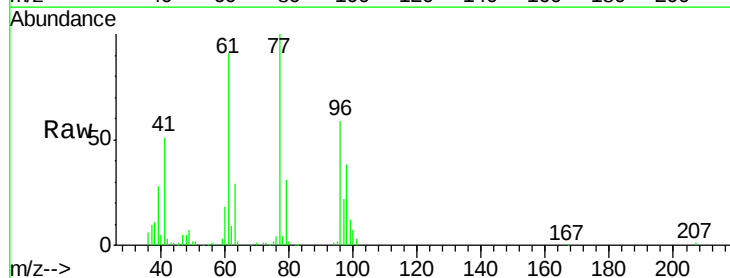
Acq: 26 May 2020 17:41

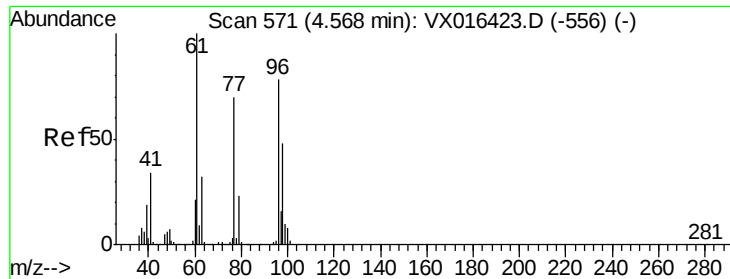
Tgt Ion: 77 Resp: 47931

Ion Ratio Lower Upper

77 100

97 22.1 11.5 34.5





#27

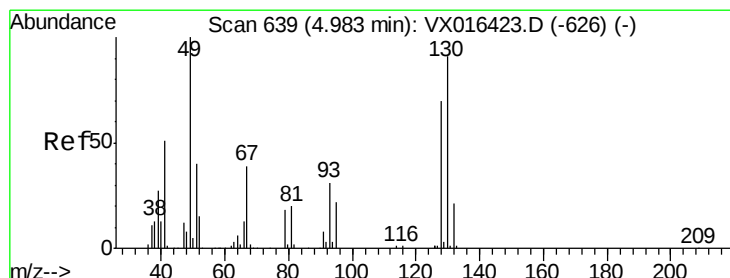
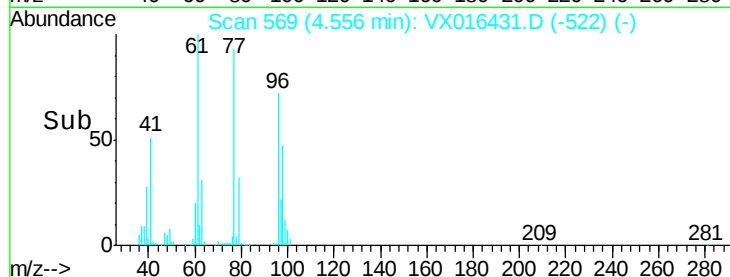
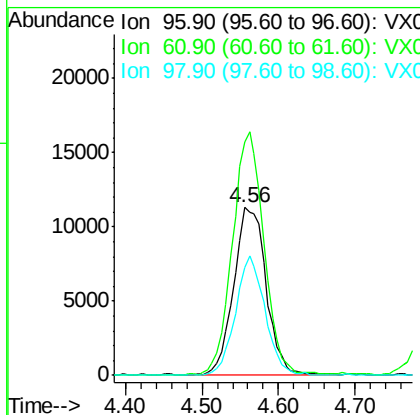
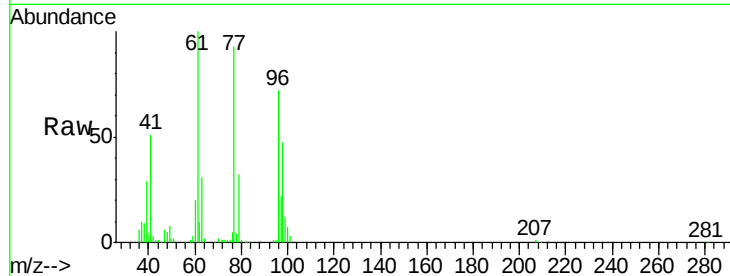
cis-1,2-Dichloroethene
Concen: 18.900 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.0	0.0	271.0
98	64.8	0.0	127.6

Manual Integrations
APPROVED

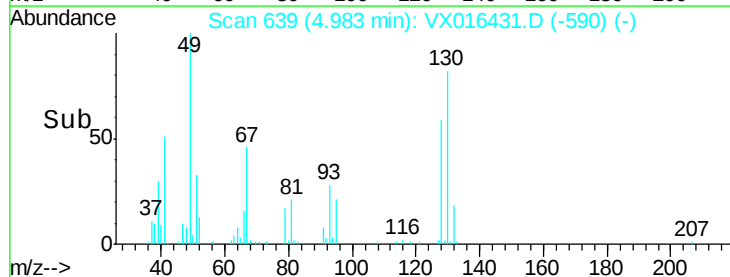
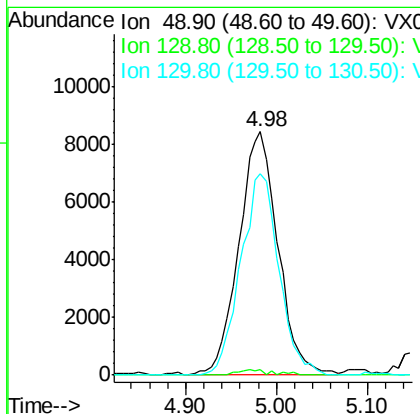
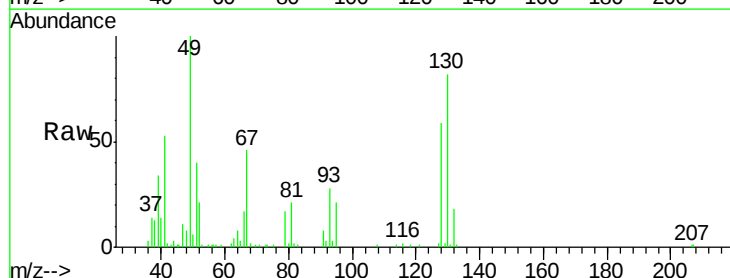
MMDadoda
5/27/2020 12:28:05 PM

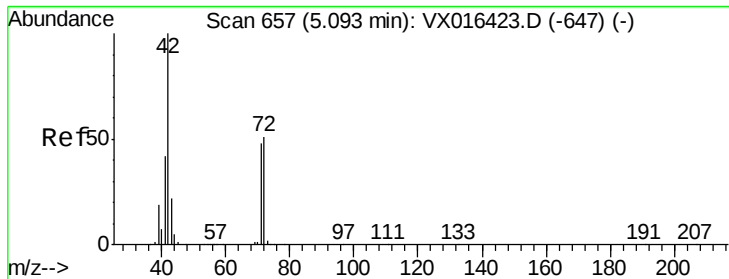


#28

Bromochloromethane
Concen: 19.731 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	4.8
130	80.9	71.2	106.8





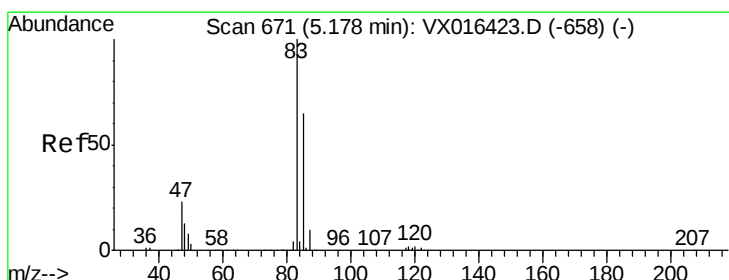
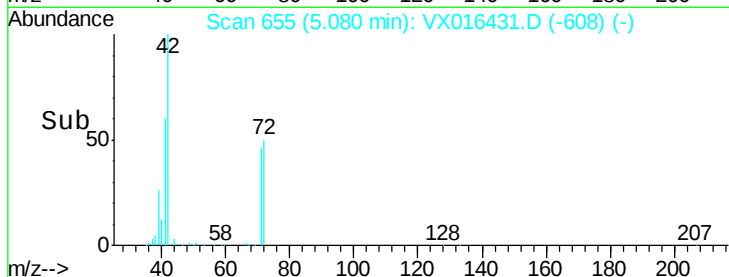
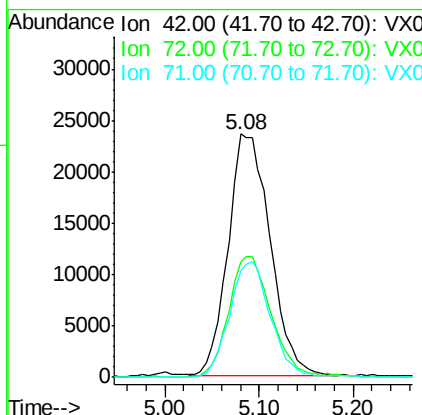
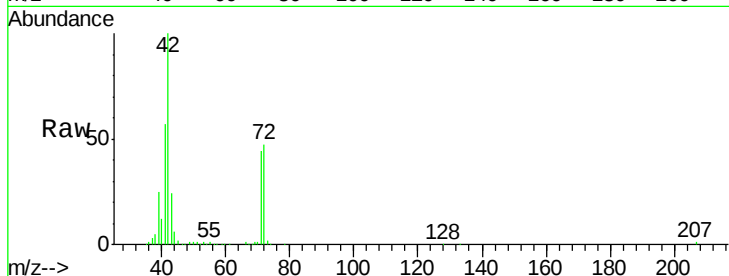
#29
Tetrahydrofuran
Concen: 94.759 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.0	40.2	60.4
71	47.1	37.7	56.5

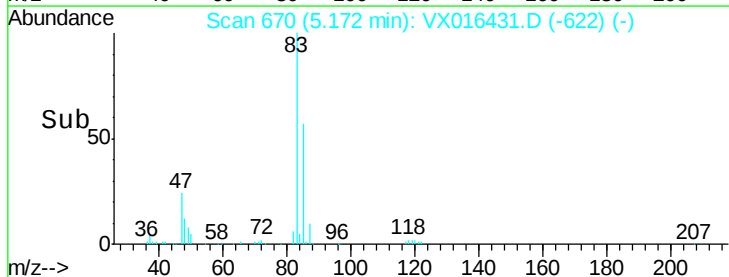
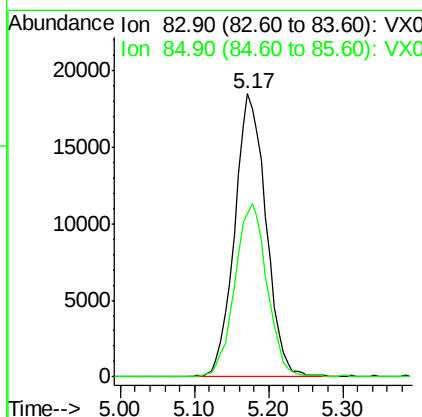
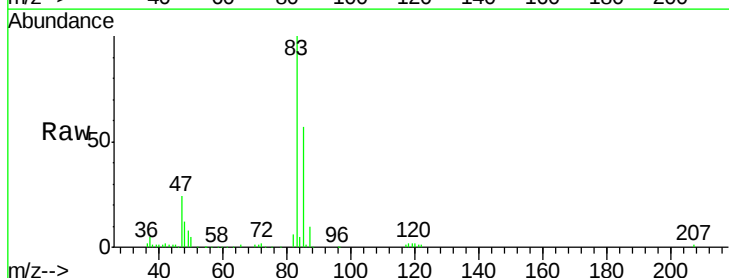
Manual Integrations
APPROVED

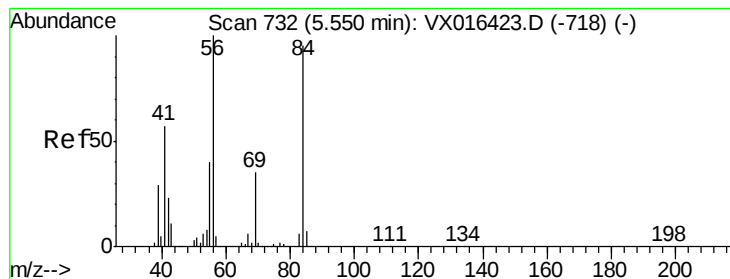
MMDadoda
5/27/2020 12:28:05 PM



#30
Chloroform
Concen: 19.526 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	57.4	52.1	78.1





#31

Cvclohexane

Concen: 19.158 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

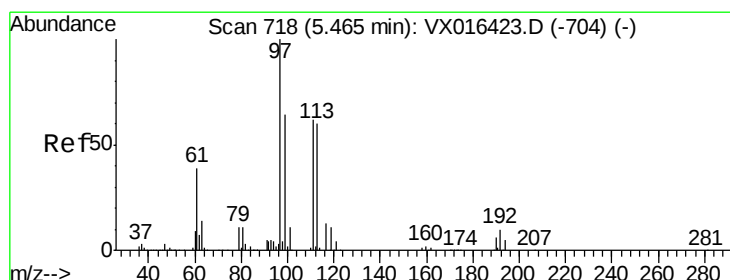
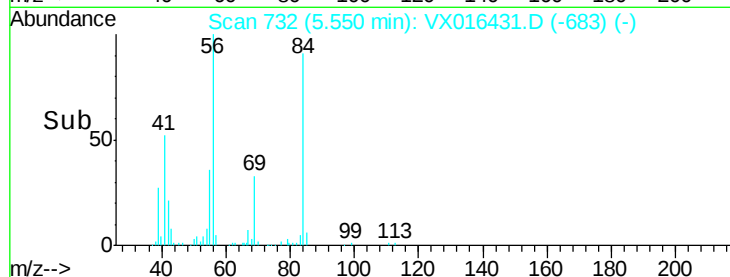
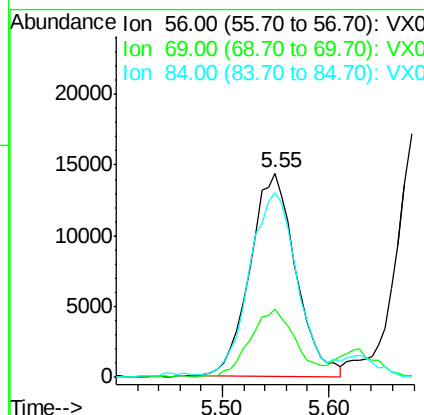
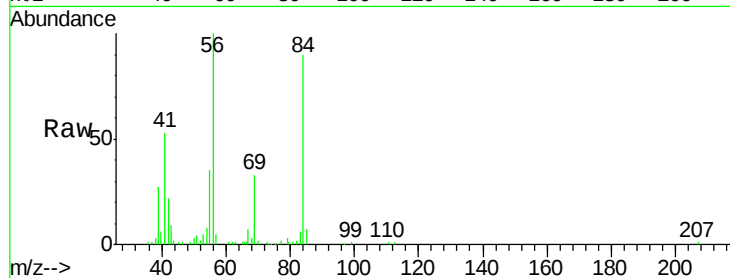
ClientSampleId :

VX0526WBS01

Tot Ion:	56	Resp:	43238
Ion	Ratio	Lower	Upper
56	100		
69	32.8	27.7	41.5
84	89.2	76.1	114.1

Manual Integrations
APPROVED

MMDadoda
5/27/2020 12:28:05 PM



#32

1,1,1-Trichloroethane

Concen: 19.315 ug/l

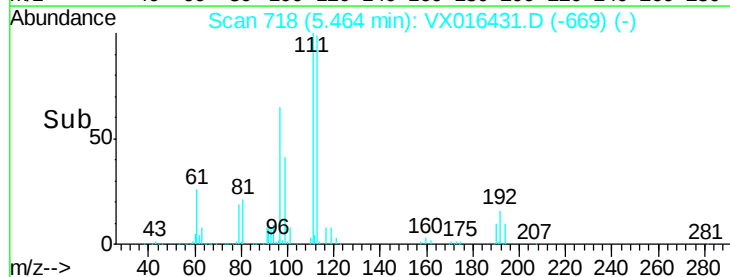
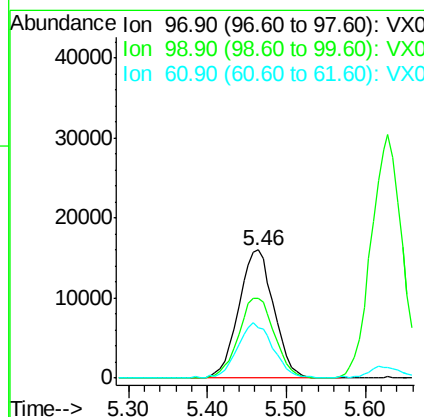
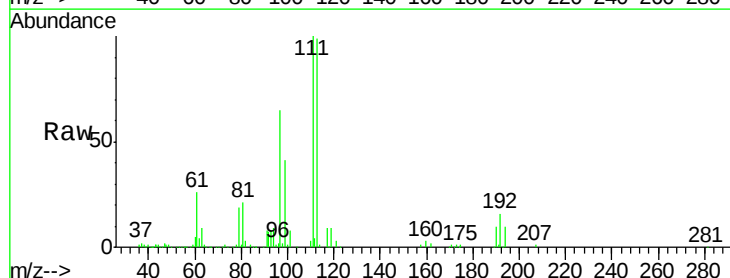
RT: 5.46 min Scan# 718

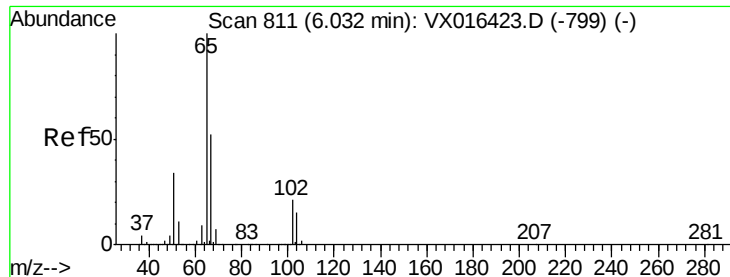
Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Tgt Ion:	97	Resp:	49421
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.1	76.7
61	44.1	33.1	49.7





#33

1,2-Dichloroethane-d4

Concen: 49.816 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBS01

Tot Ion: 65 Resp: 90712

Ion Ratio Lower Upper

65 100

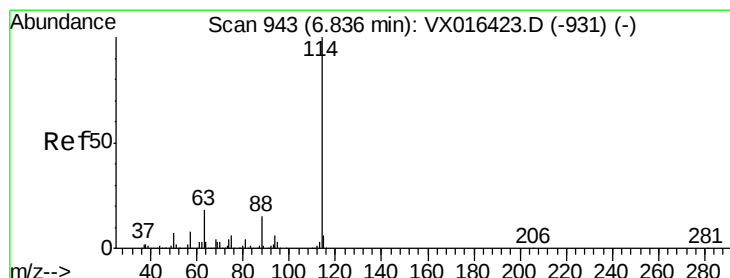
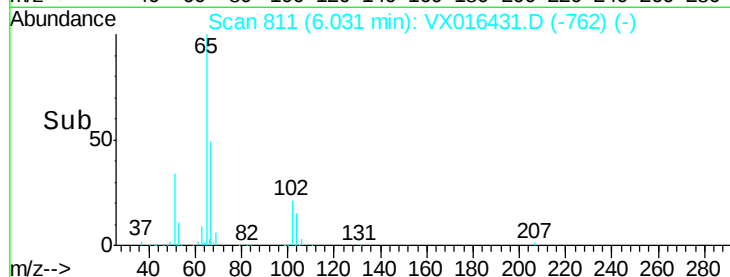
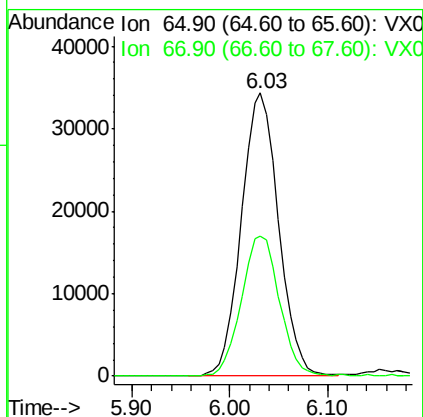
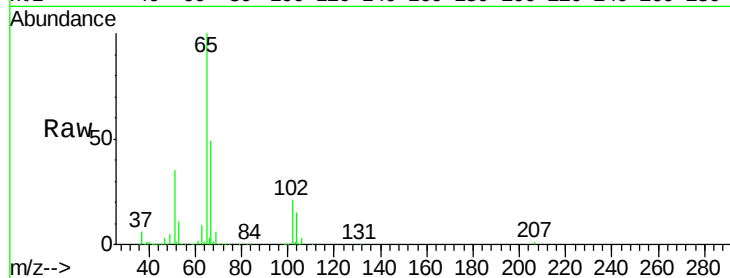
67 50.5 0.0 104.2

Manual Integrations

APPROVED

MMDadoda

5/27/2020 12:28:05 PM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

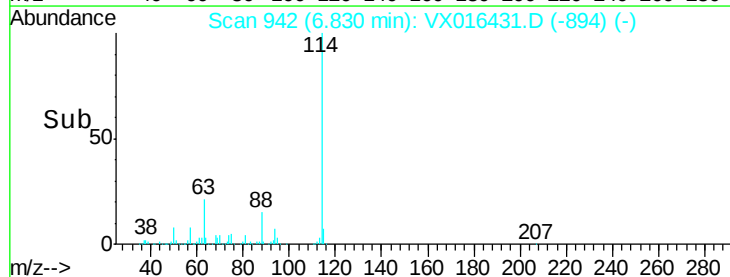
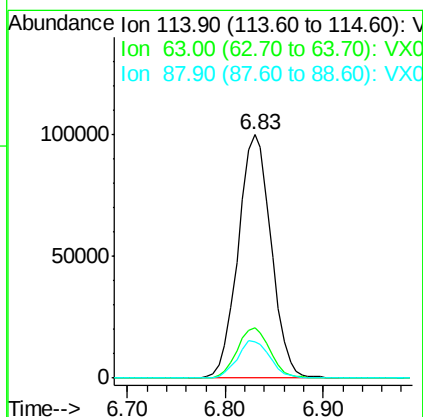
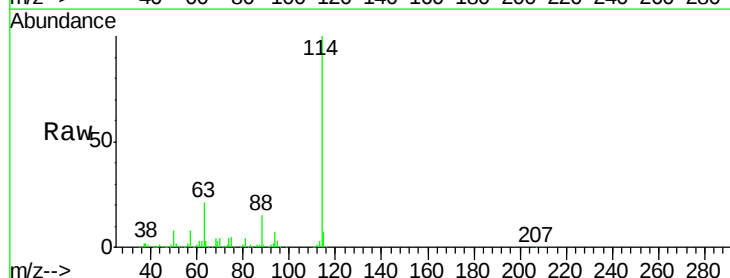
Tgt Ion: 114 Resp: 233691

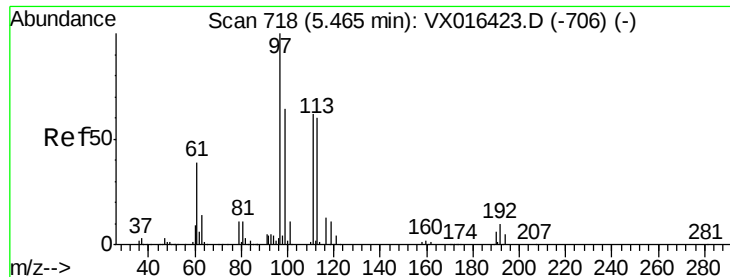
Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.4

88 15.0 0.0 29.2





#35

Dibromofluoromethane

Concen: 46.264 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

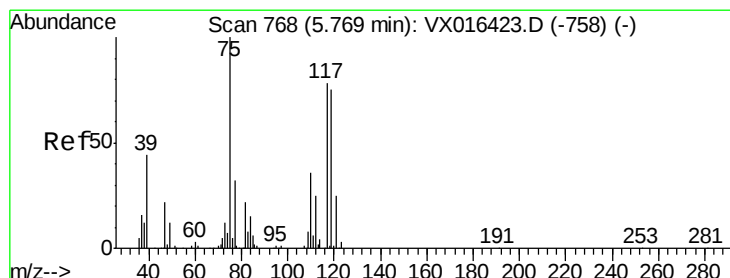
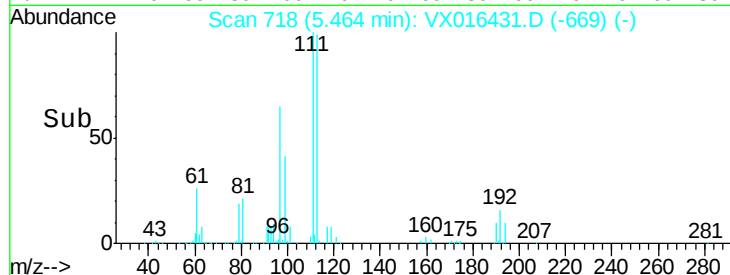
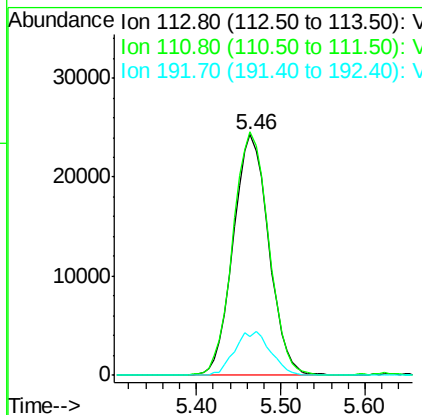
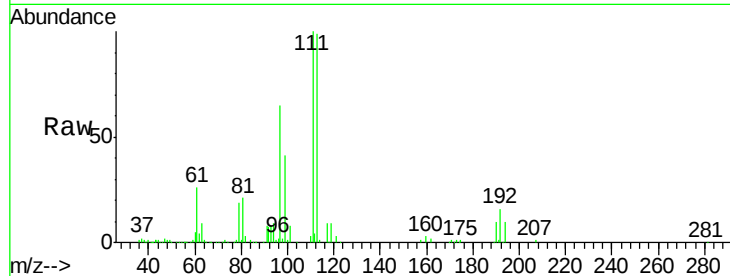
ClientSampleId :

VX0526WBS01

Tot Ion:	113	Resp:	69151
Ion Ratio	Lower	Upper	
113	100		
111	102.5	82.5	123.7
192	18.5	16.5	24.7

Manual Integrations
APPROVED

MMDadoda
5/27/2020 12:28:05 PM



#36

1,1-Dichloropropene

Concen: 19.174 ug/l

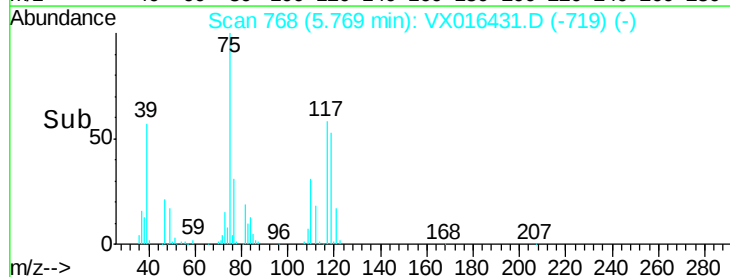
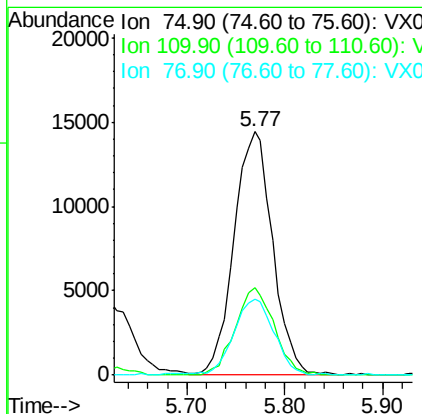
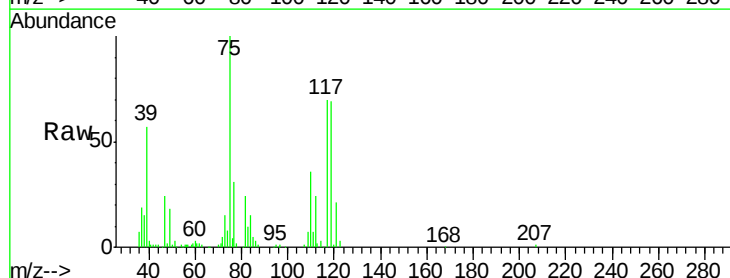
RT: 5.77 min Scan# 768

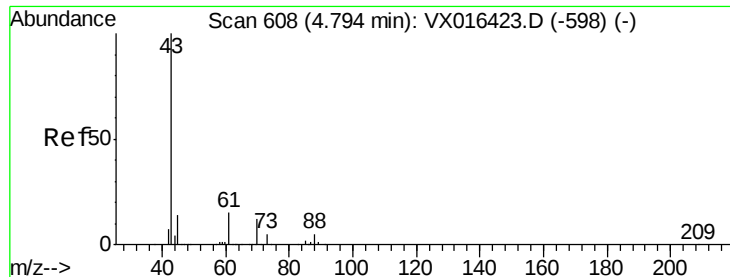
Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Tgt Ion:	75	Resp:	39723
Ion Ratio	Lower	Upper	
75	100		
110	35.9	18.7	56.1
77	31.7	24.9	37.3





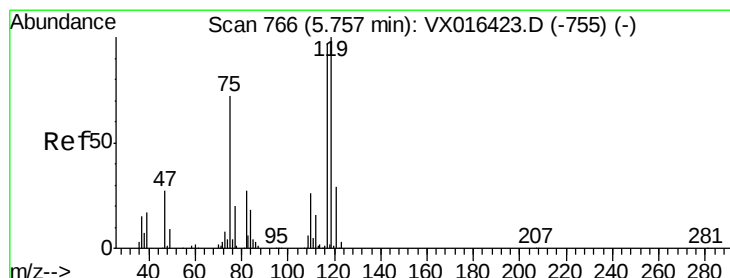
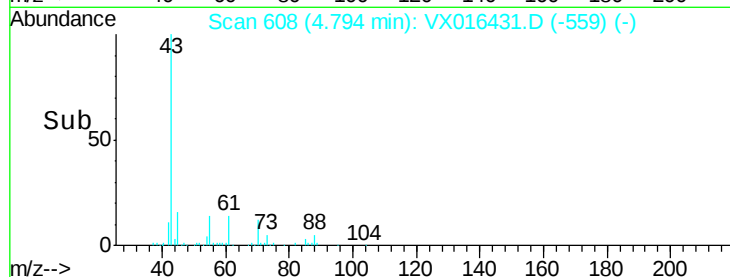
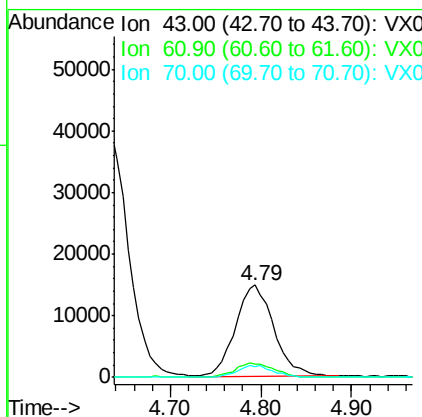
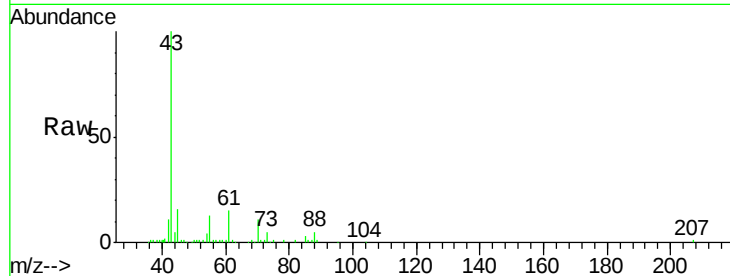
#37
Ethyl Acetate
Concen: 18.969 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	11.8	17.8
70	12.1	9.6	14.4

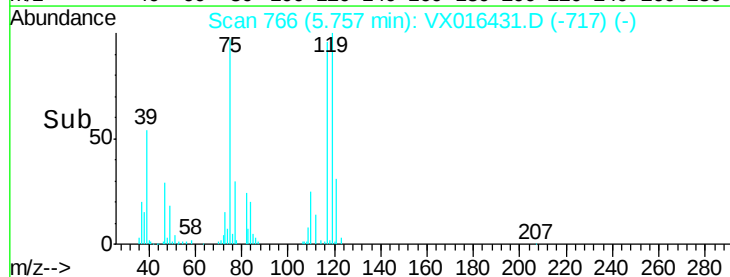
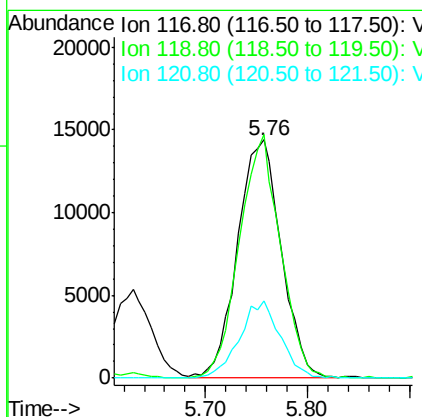
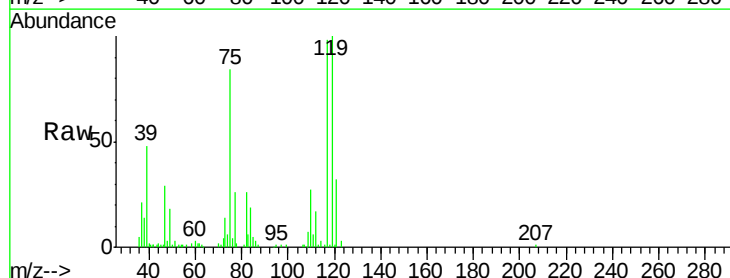
Manual Integrations
APPROVED

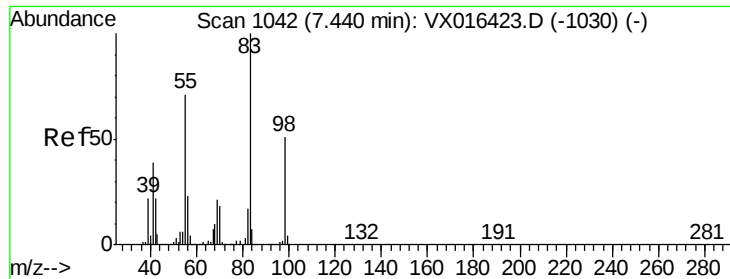
MMDadoda
5/27/2020 12:28:05 PM



#38
Carbon Tetrachloride
Concen: 18.954 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	102.6	82.2	123.4
121	32.6	24.1	36.1





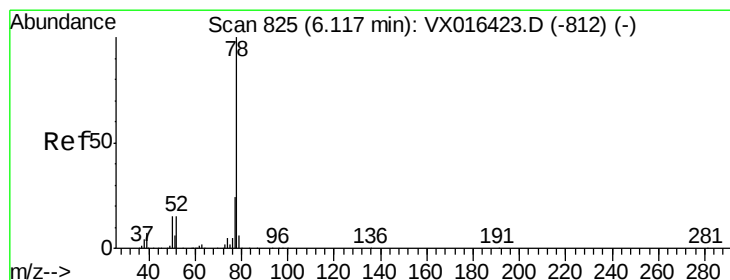
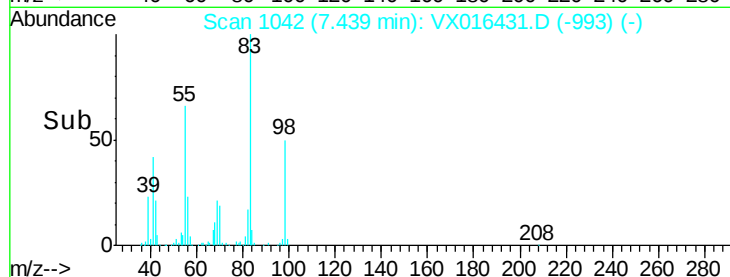
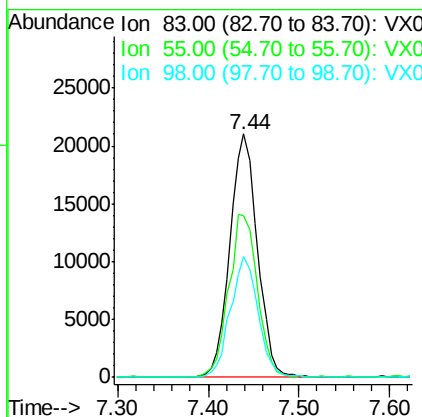
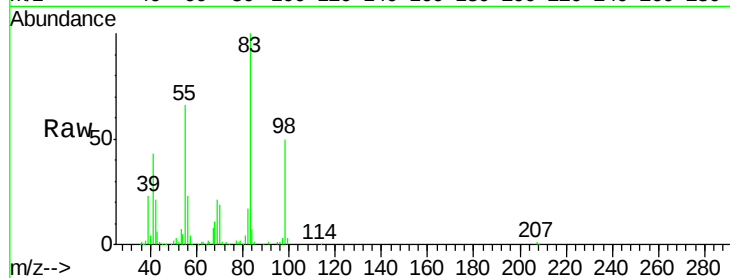
#39
Methvlcvclohexane
Concen: 19.326 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	66.3	56.8	85.2
98	49.7	40.6	61.0

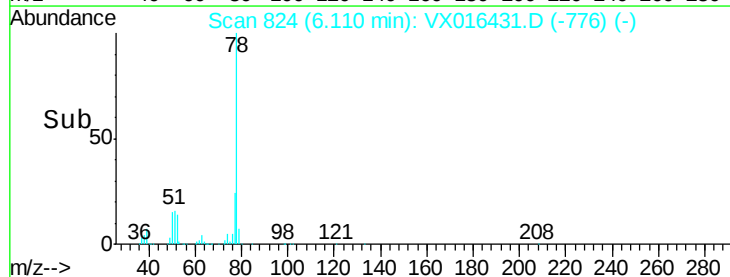
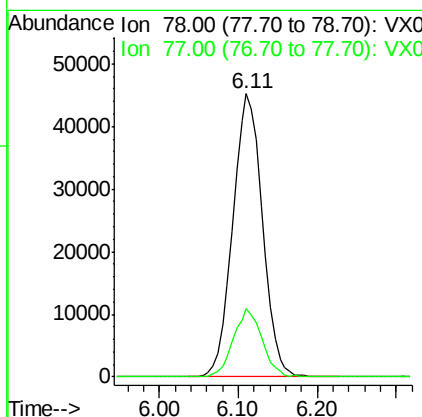
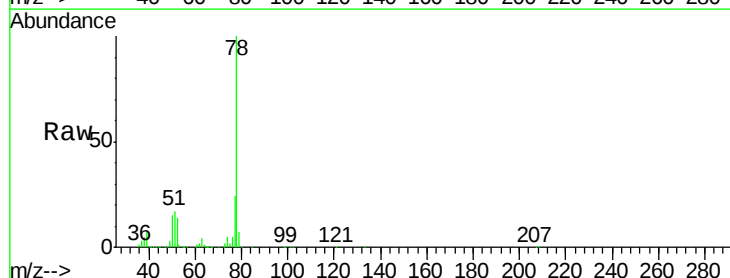
Manual Integrations
APPROVED

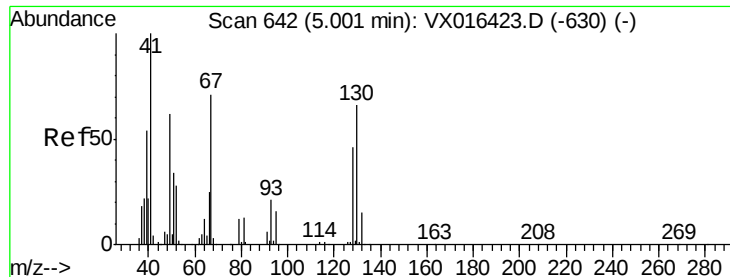
MMDadoda
5/27/2020 12:28:05 PM



#40
Benzene
Concen: 19.143 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.9	28.3





#41

Methacrylonitrile

Concen: 18.132 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

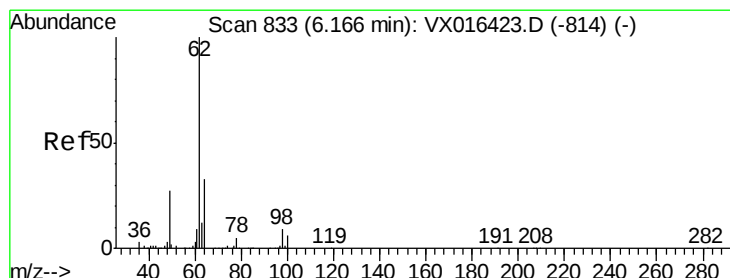
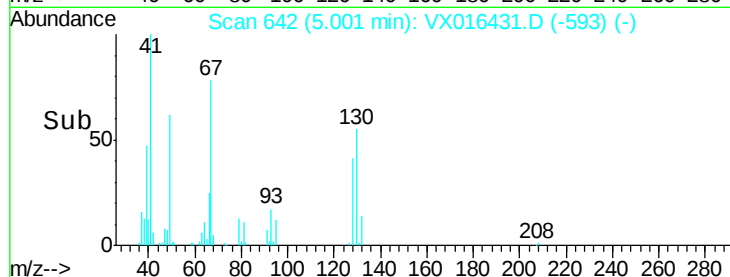
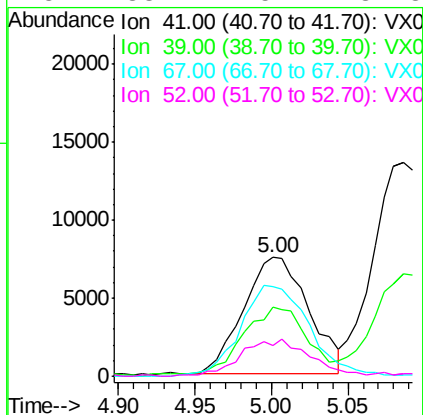
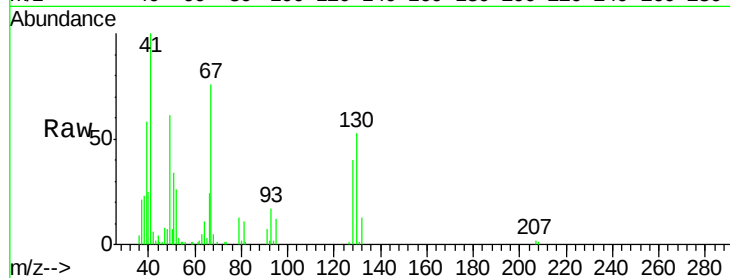
ClientSampleId :

VX0526WBS01

Tot Ion:	41	Resp:	22197
Ion	Ratio	Lower	Upper
41	100		
39	57.9	44.4	66.6
67	82.2	62.2	93.4
52	33.7	25.2	37.8

Manual Integrations
APPROVED

MMDadoda
5/27/2020 12:28:05 PM



#42

1,2-Dichloroethane

Concen: 20.029 ug/l

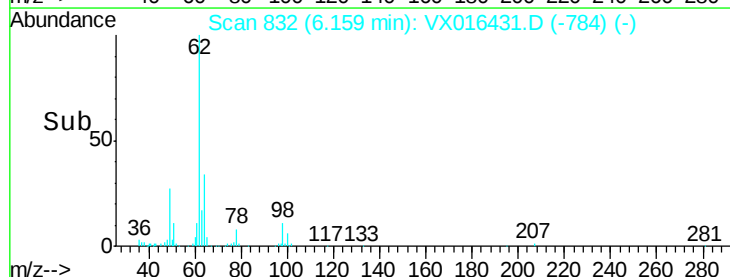
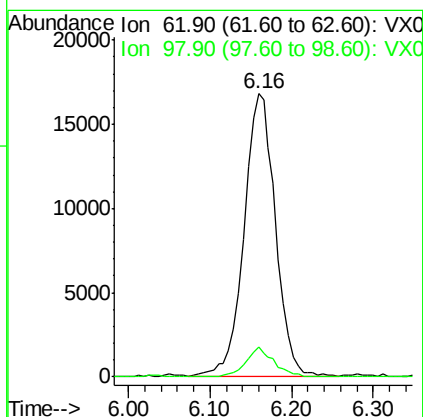
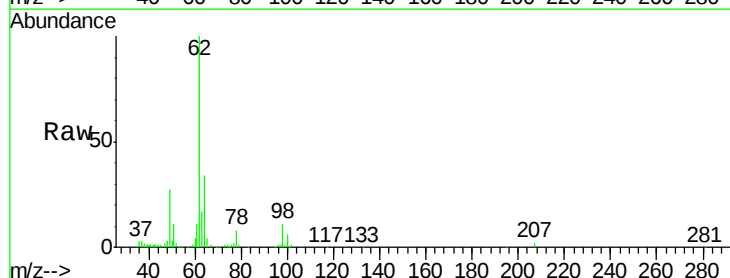
RT: 6.16 min Scan# 832

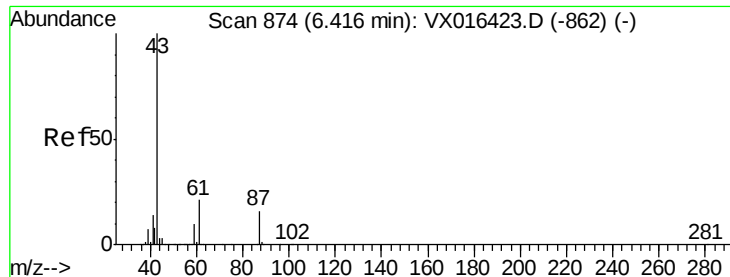
Delta R.T. -0.01 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Tgt Ion:	62	Resp:	45206
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.4





#43

Isopropyl Acetate

Concen: 19.740 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

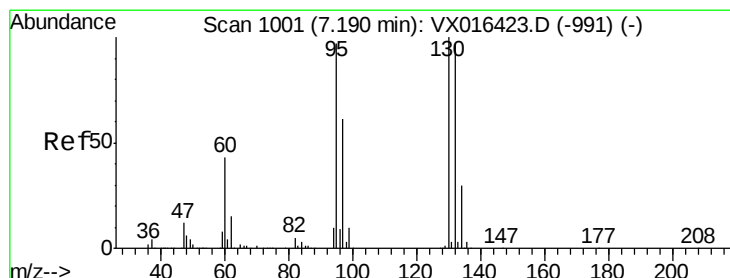
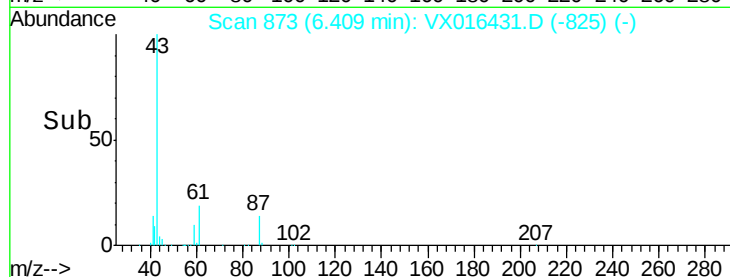
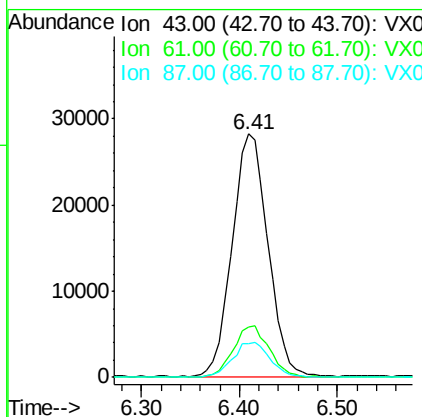
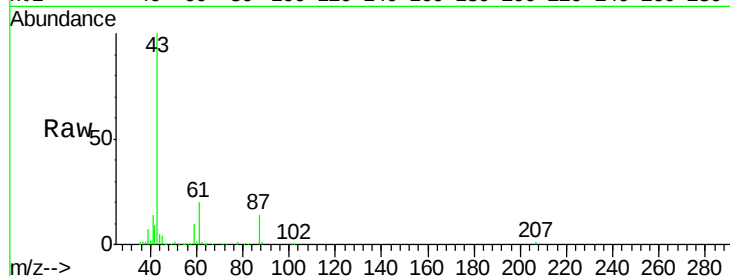
ClientSampleId :

VX0526WBS01

Tot Ion:	43	Resp:	72499
Ion	Ratio	Lower	Upper
43	100		
61	21.1	17.2	25.8
87	14.8	12.3	18.5

Manual Integrations
APPROVED

MMDadoda
5/27/2020 12:28:05 PM



#44

Trichloroethene

Concen: 18.487 ug/l

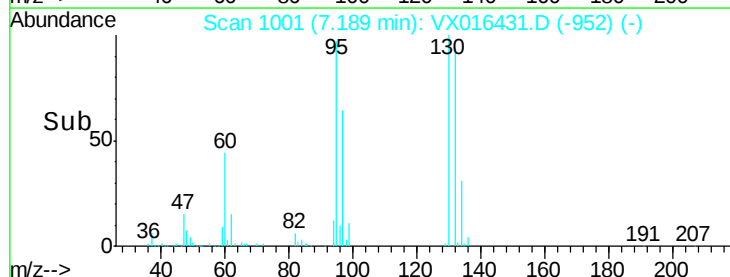
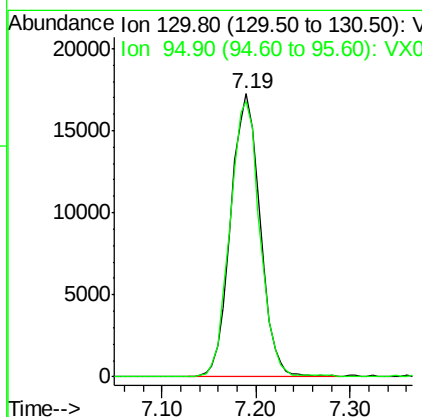
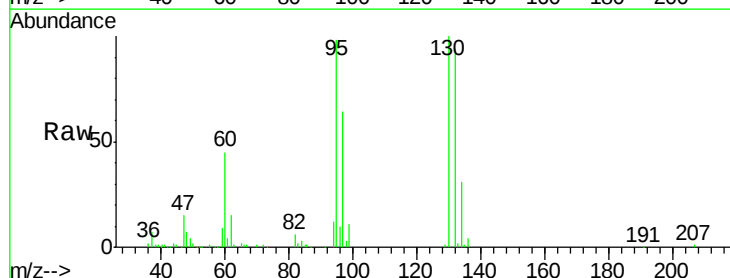
RT: 7.19 min Scan# 1001

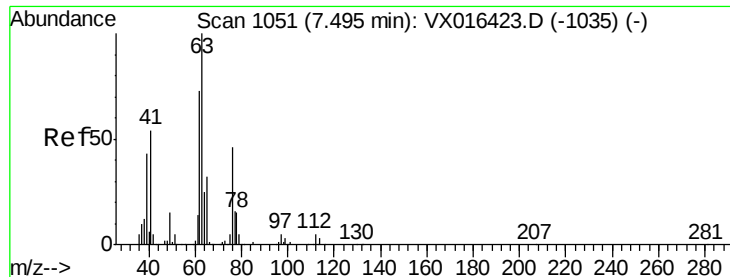
Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Tgt Ion:	130	Resp:	37470
Ion	Ratio	Lower	Upper
130	100		
95	97.5	0.0	194.0





#45

1,2-Dichloropropane

Concen: 19.375 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBS01

Tot Ion: 63 Resp: 29921

Ion Ratio Lower Upper

63 100

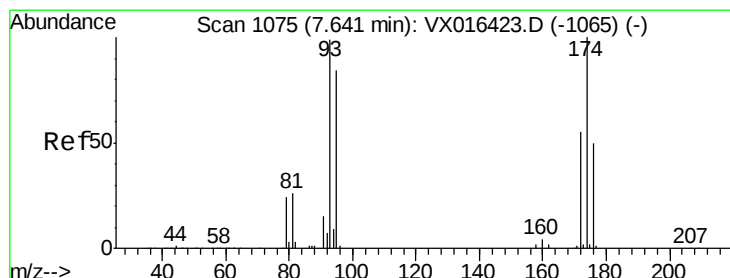
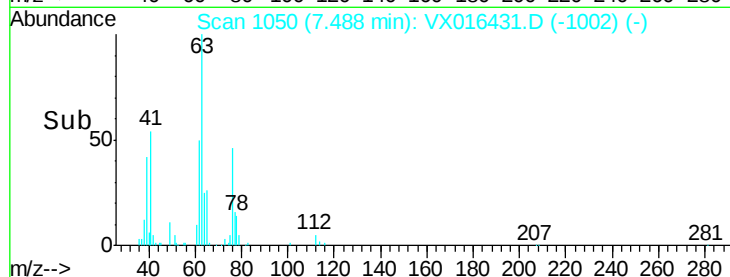
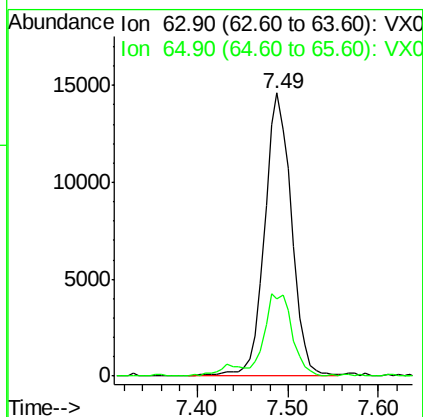
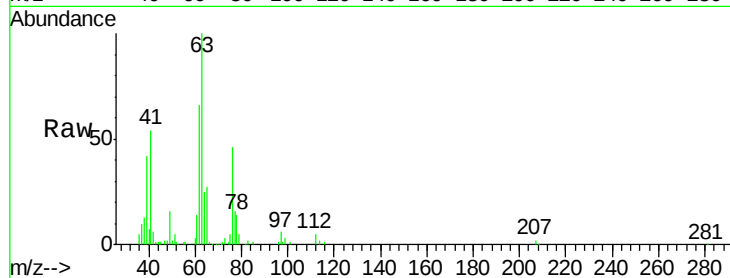
65 27.1 25.3 37.9

Manual Integrations

APPROVED

MMDadoda

5/27/2020 12:28:05 PM



#46

Dibromomethane

Concen: 18.846 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

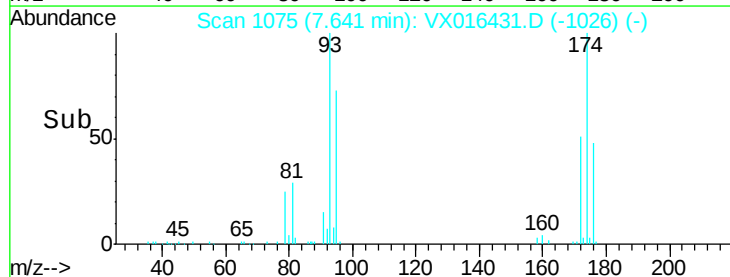
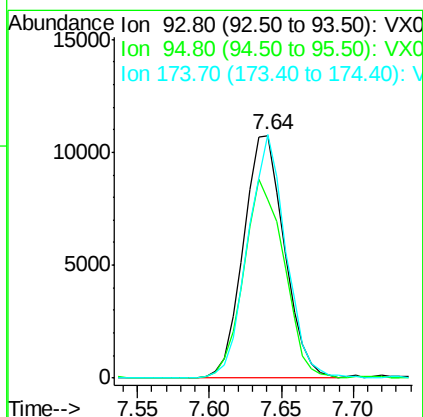
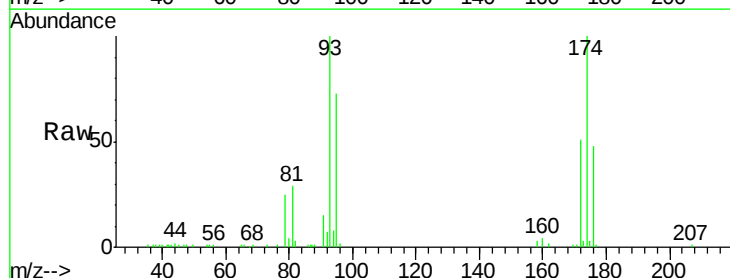
Tgt Ion: 93 Resp: 21207

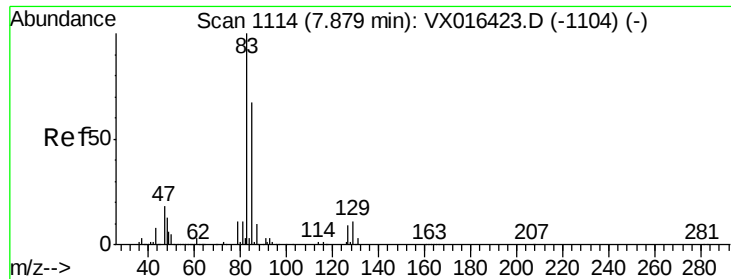
Ion Ratio Lower Upper

93 100

95 80.6 65.0 97.4

174 93.1 81.4 122.0





#47

Bromodichloromethane

Concen: 18.846 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

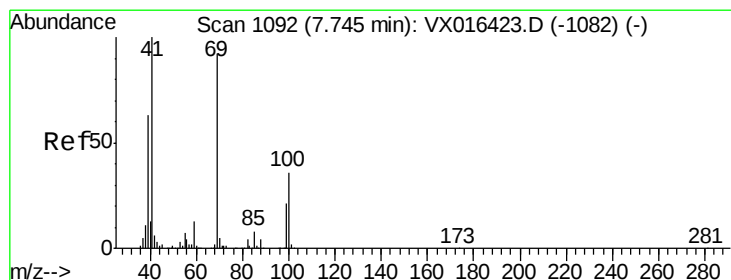
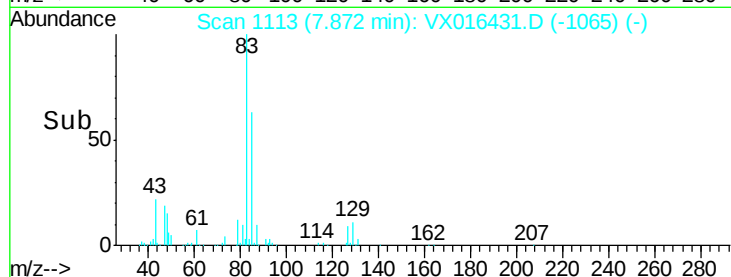
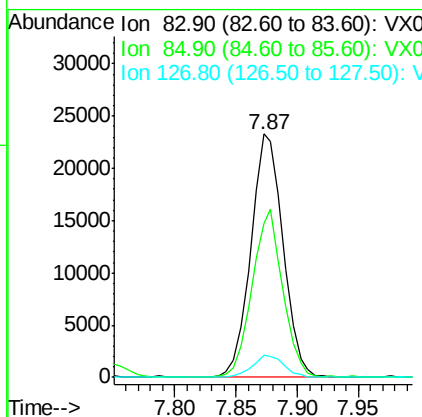
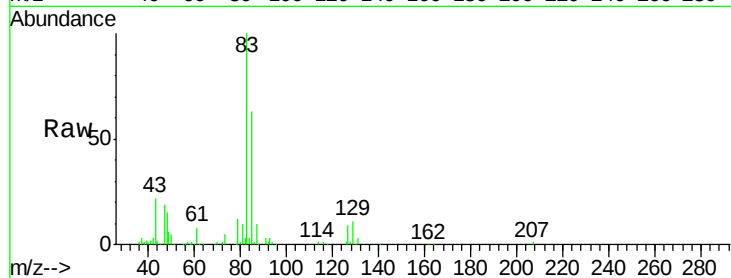
ClientSampleId :

VX0526WBS01

Tot Ion:	83	Resp:	42832
Ion Ratio	Lower	Upper	
83	100		
85	63.0	53.8	80.8
127	8.9	7.4	11.2

Manual Integrations
APPROVED

MMDadoda
5/27/2020 12:28:05 PM



#48

Methyl methacrylate

Concen: 18.637 ug/l

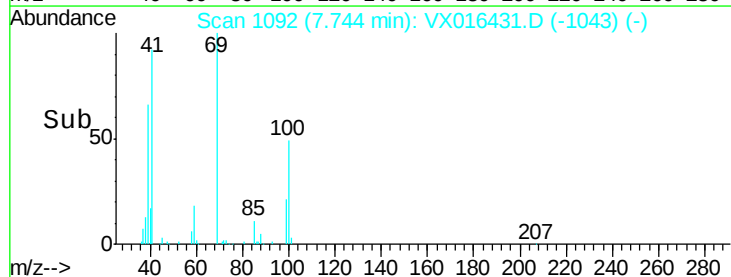
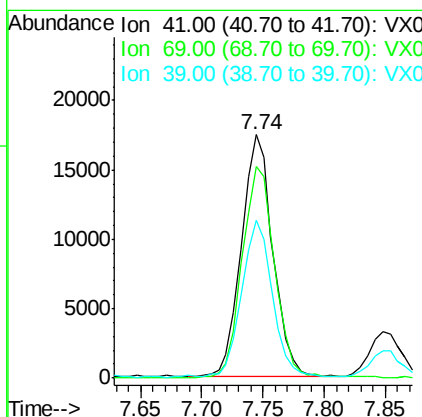
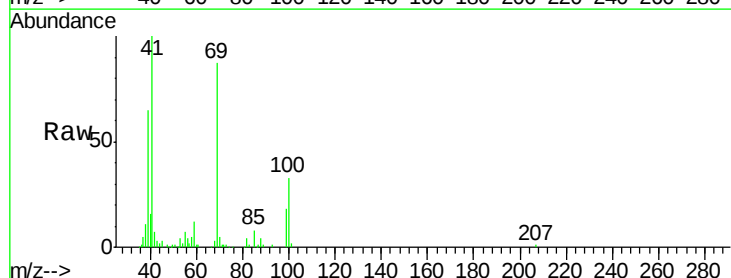
RT: 7.74 min Scan# 1092

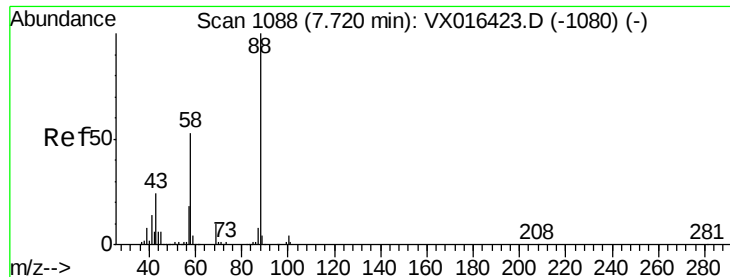
Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Tgt Ion:	41	Resp:	31191
Ion Ratio	Lower	Upper	
41	100		
69	90.2	71.8	107.8
39	62.4	48.6	73.0





#49

1,4-Dioxane

Concen: 358.305 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

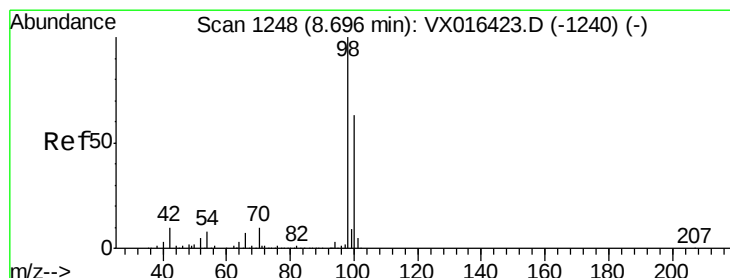
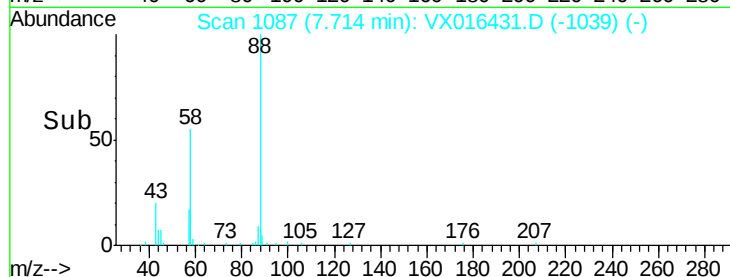
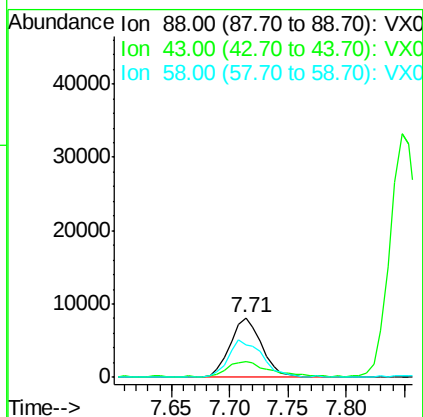
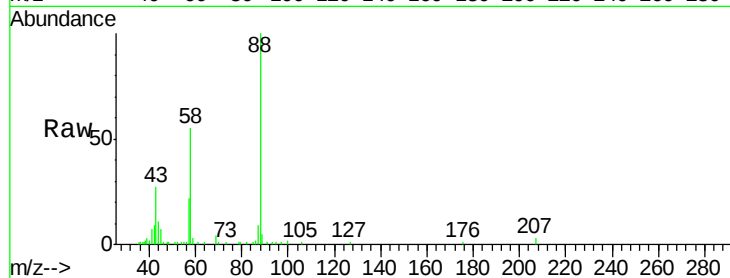
ClientSampleId :

VX0526WBS01

Tot Ion:	88	Resp:	15431
Ion	Ratio	Lower	Upper
88	100		
43	32.0	23.0	34.6
58	67.7	51.7	77.5

Manual Integrations
APPROVED

MMDadoda
5/27/2020 12:28:05 PM



#50

Toluene-d8

Concen: 49.495 ug/l

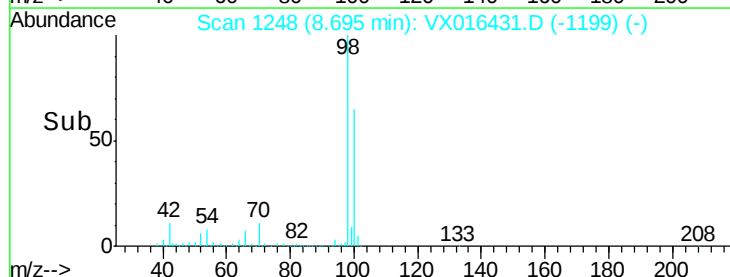
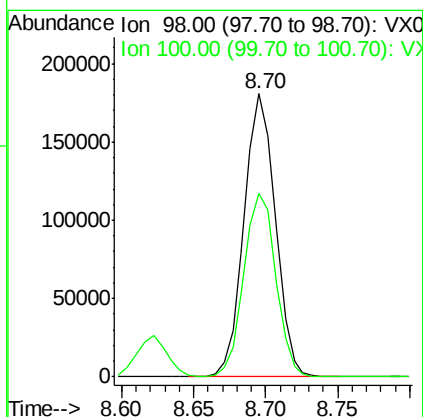
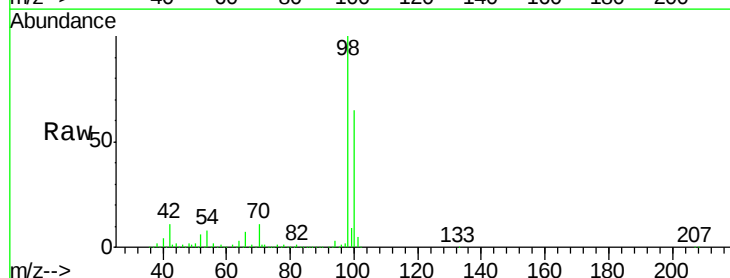
RT: 8.70 min Scan# 1248

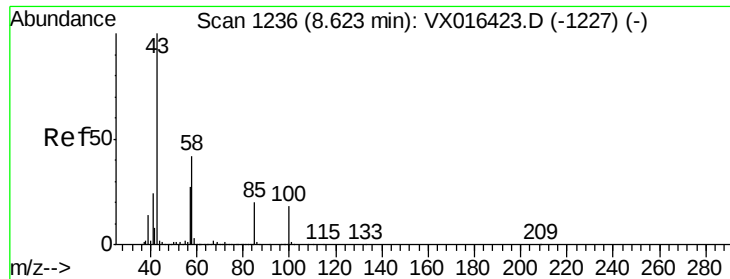
Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Tgt Ion:	98	Resp:	272510
Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.6	78.8





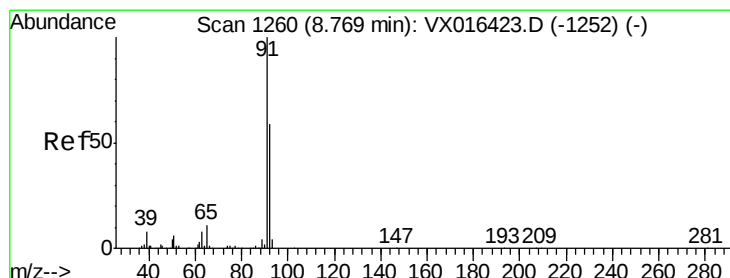
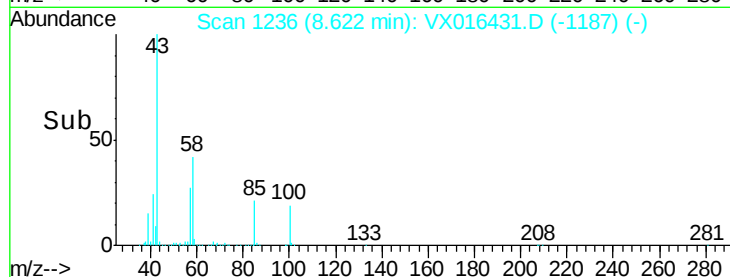
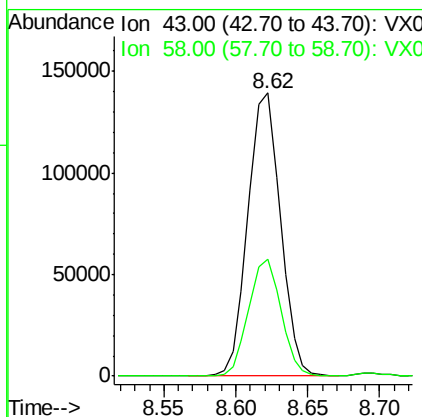
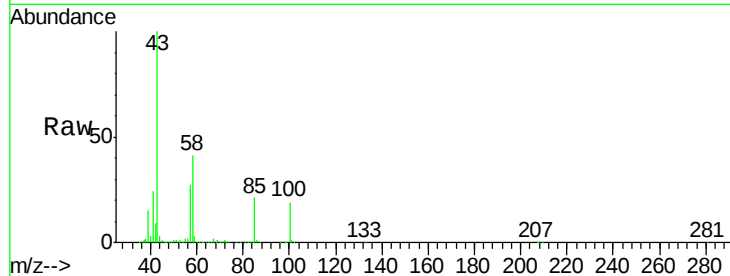
#51
 4-Methyl-2-Pentanone
 Concen: 94.142 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX016431.D
 Acq: 26 May 2020 17:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0526WBS01

Tot Ion	43	Resp	218513
Ion Ratio	100	Lower	Upper
43	100		
58	41.3	33.8	50.6

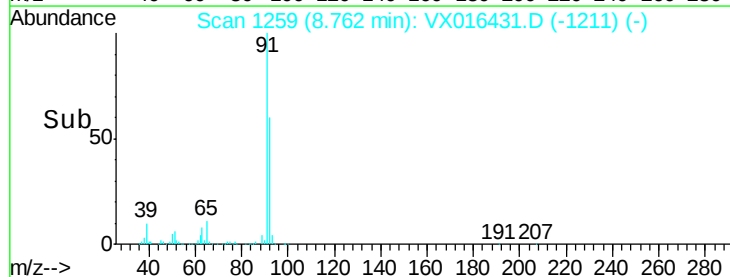
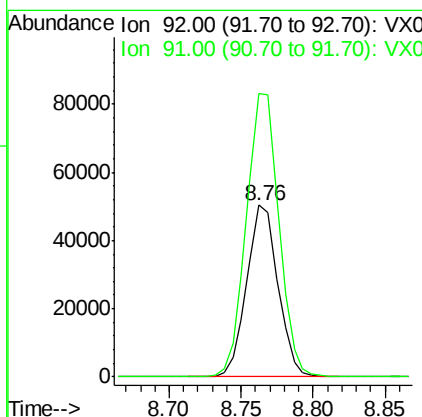
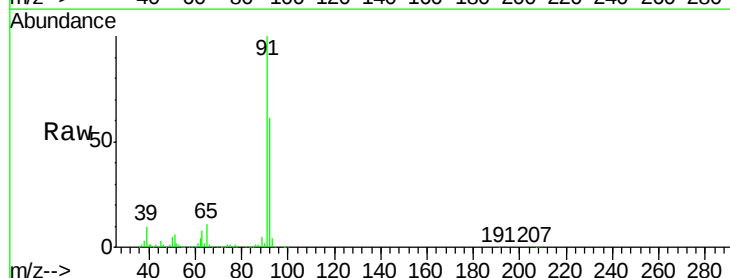
Manual Integrations
 APPROVED

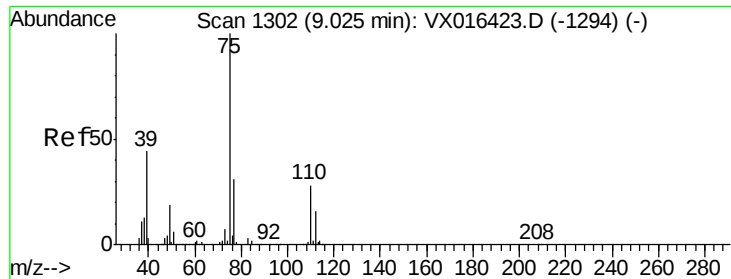
MMDadoda
 5/27/2020 12:28:05 PM



#52
 Toluene
 Concen: 19.037 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VX016431.D
 Acq: 26 May 2020 17:41

Tgt Ion	92	Resp	75530
Ion Ratio	100	Lower	Upper
92	100		
91	172.3	135.7	203.5





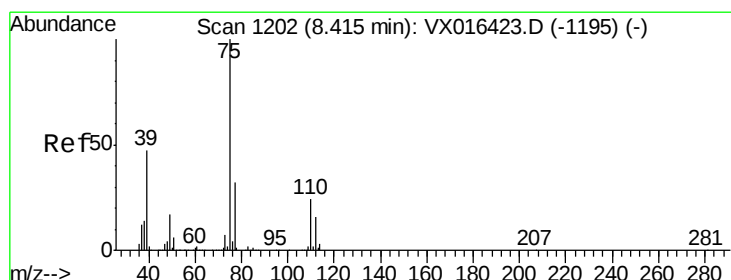
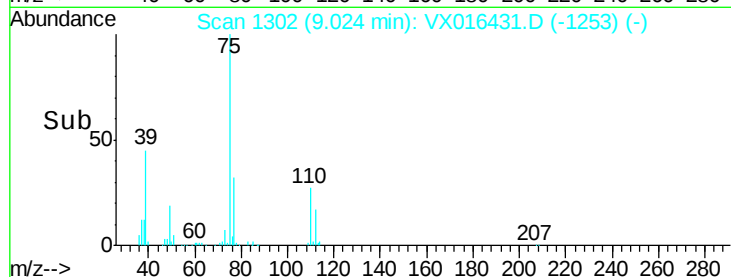
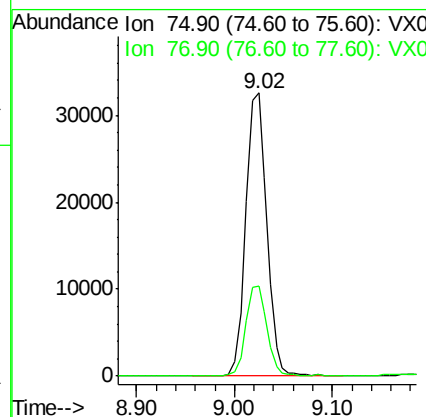
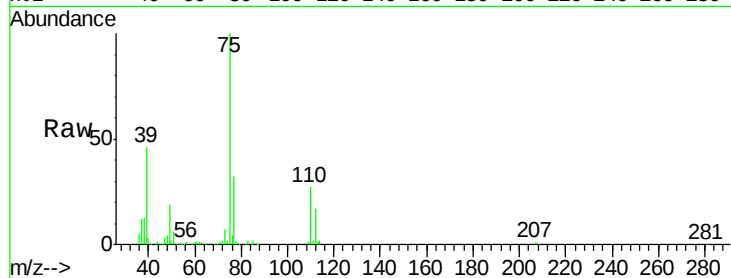
#53
t-1,3-Dichloropropene
Concen: 18.816 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS01

Tot Ion: 75 Resp: 48670
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.4

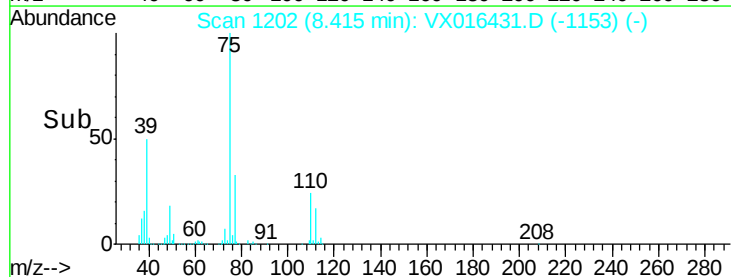
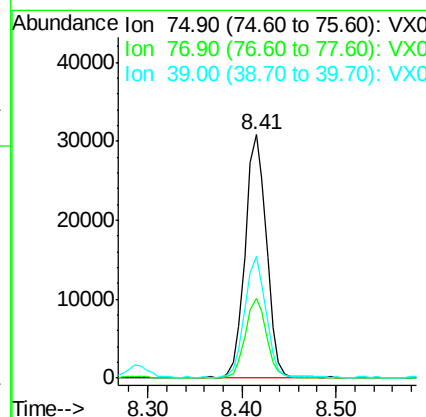
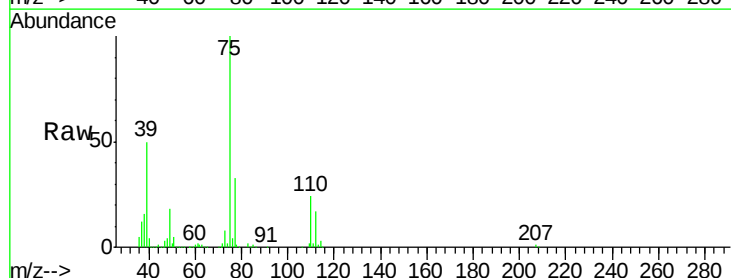
Manual Integrations
APPROVED

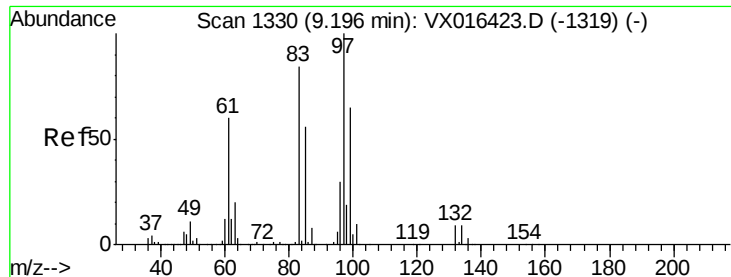
MMDadoda
5/27/2020 12:28:05 PM



#54
cis-1,3-Dichloropropene
Concen: 18.407 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

Tgt Ion: 75 Resp: 48948
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.0
39 49.7 37.7 56.5





#55

1,1,2-Trichloroethane

Concen: 18.637 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBS01

Tot Ion: 97 Resp: 30152

Ion Ratio Lower Upper

97 100

83 88.1 66.9 100.3

85 55.9 45.2 67.8

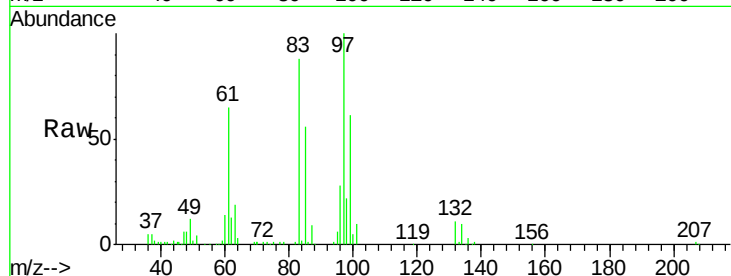
99 60.6 51.9 77.9

Manual Integrations

APPROVED

MMDadoda

5/27/2020 12:28:05 PM

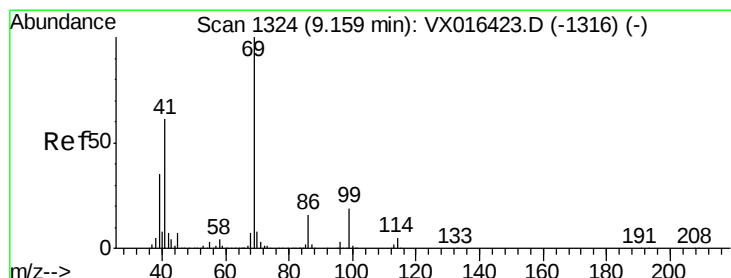
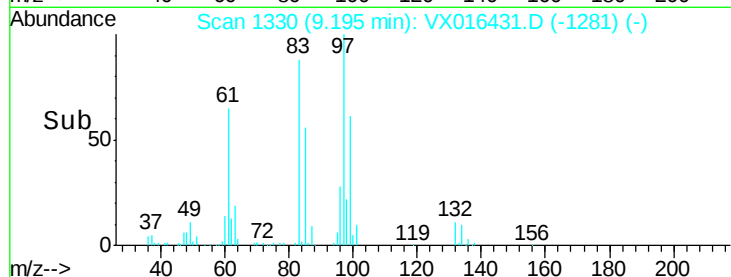
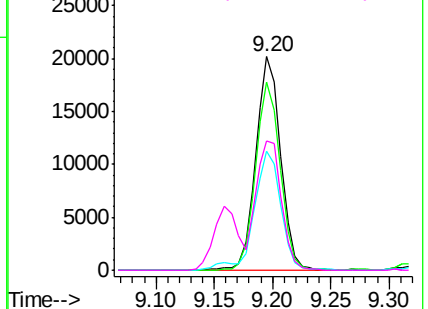


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 18.750 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

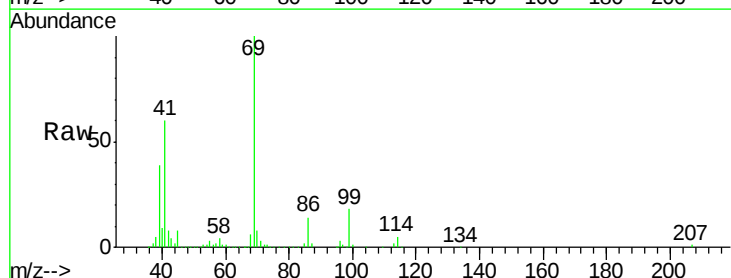
Tgt Ion: 69 Resp: 45650

Ion Ratio Lower Upper

69 100

41 61.6 47.9 71.9

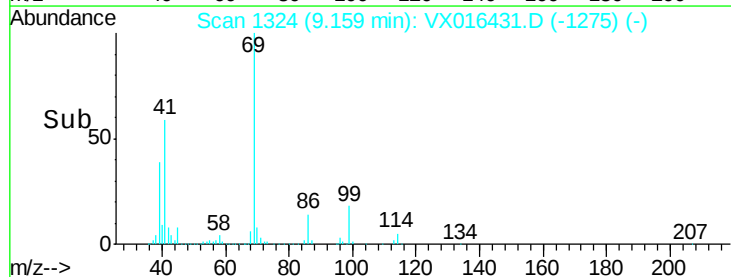
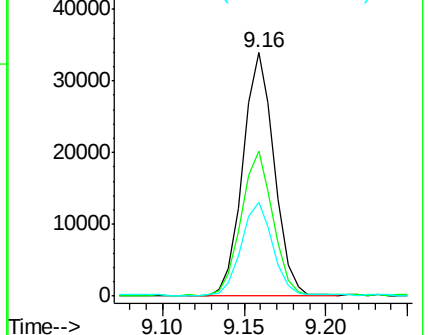
39 39.0 28.7 43.1

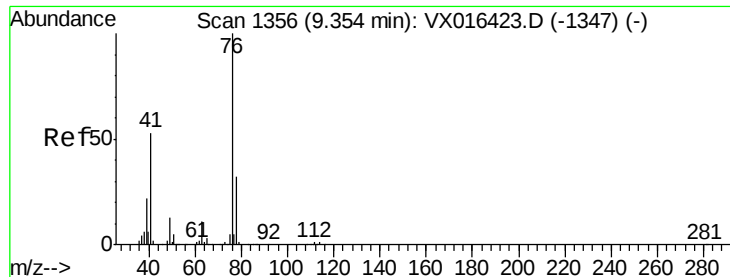


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 18.910 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBS01

Tot Ion: 76 Resp: 50726

Ion Ratio Lower Upper

76 100

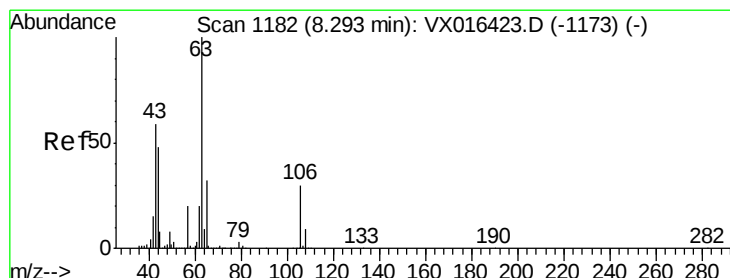
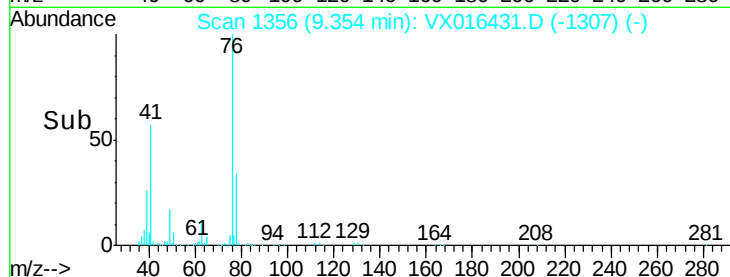
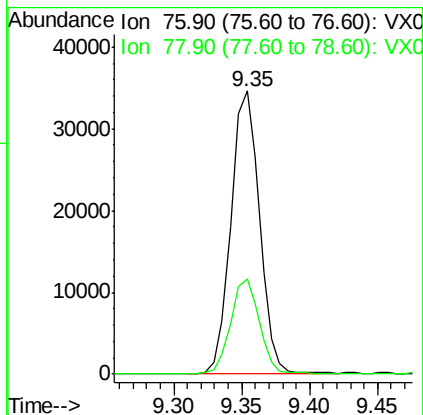
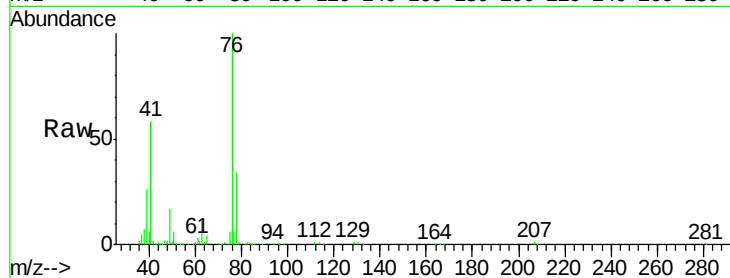
78 34.1 26.1 39.1

Manual Integrations

APPROVED

MMDadoda

5/27/2020 12:28:05 PM



#58

2-Chloroethyl Vinyl ether

Concen: 86.461 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016431.D

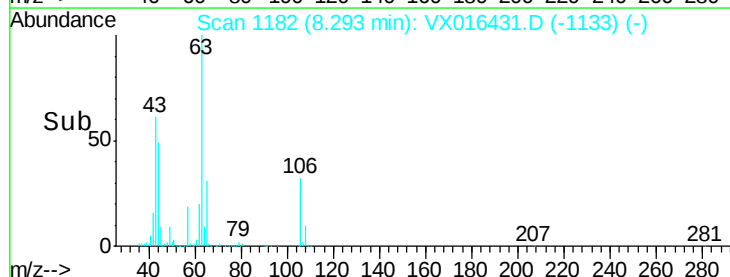
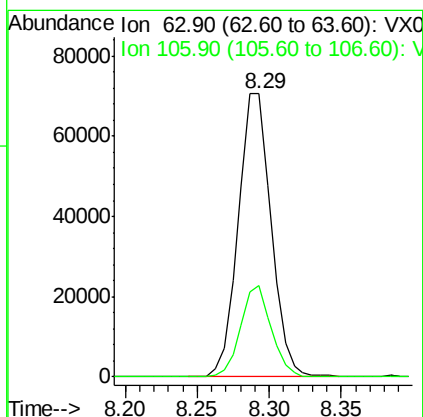
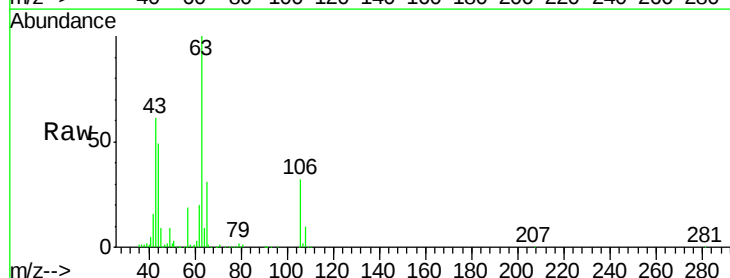
Acq: 26 May 2020 17:41

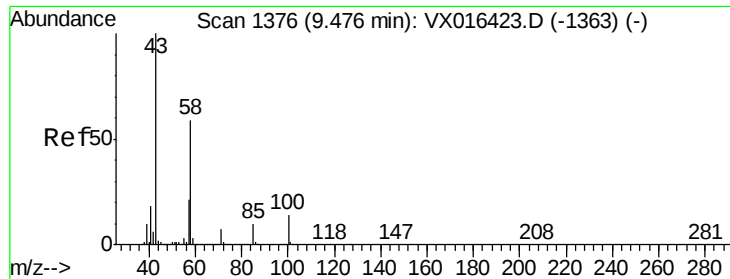
Tgt Ion: 63 Resp: 112281

Ion Ratio Lower Upper

63 100

106 29.9 24.6 36.8





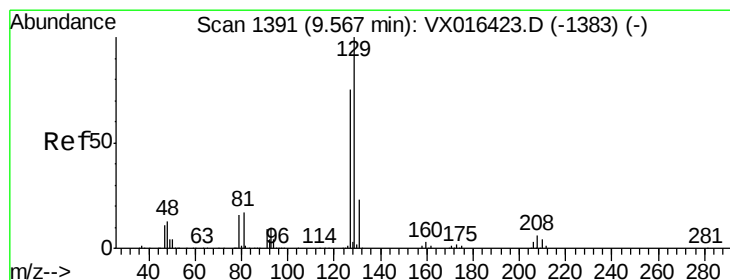
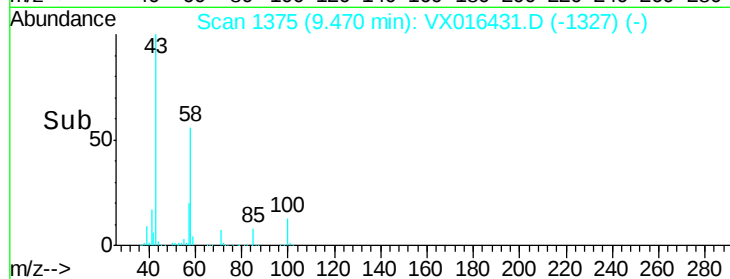
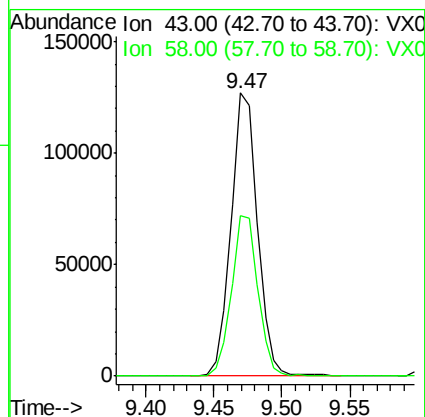
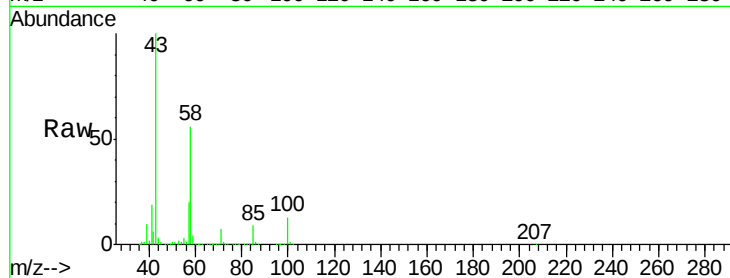
#59
2-Hexanone
Concen: 96.137 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	57.0	29.1	87.3

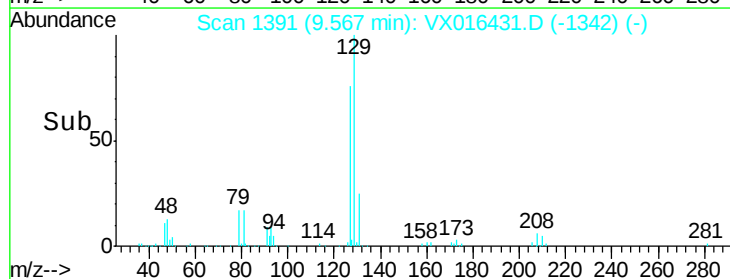
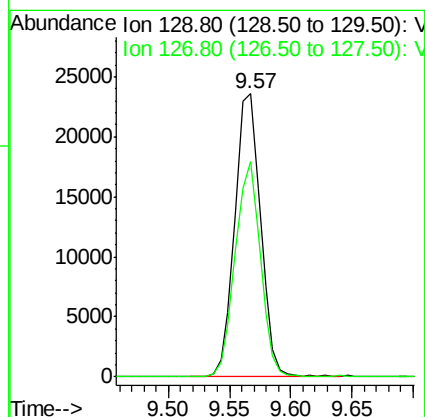
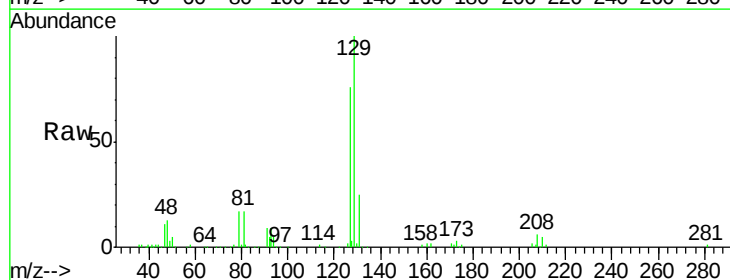
Manual Integrations
APPROVED

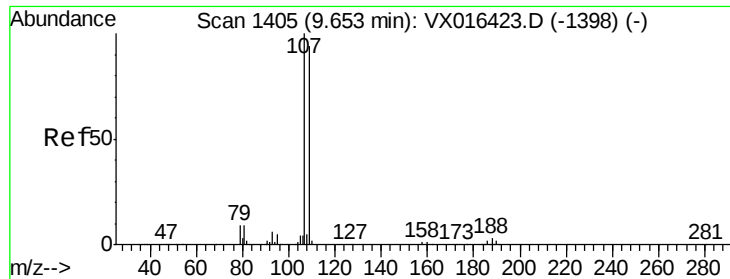
MMDadoda
5/27/2020 12:28:05 PM



#60
Dibromochloromethane
Concen: 18.488 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

Tgt Ion	Ratio	Lower	Upper
129	100		
127	74.3	38.6	115.8





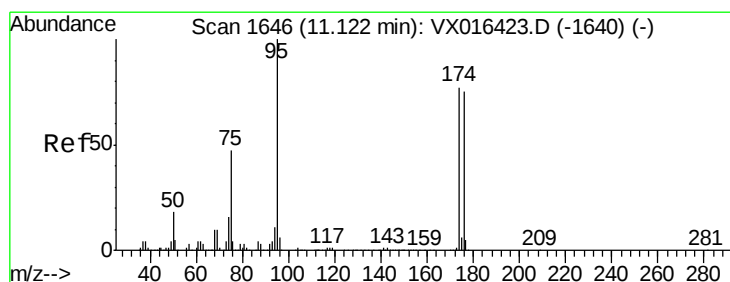
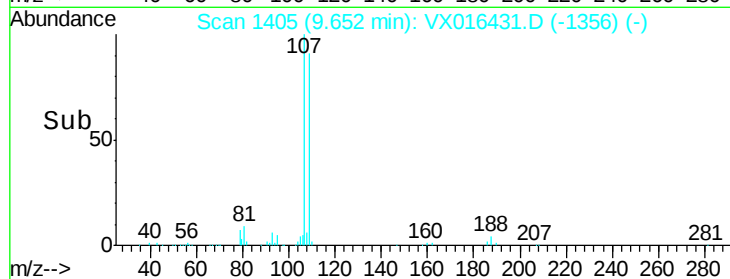
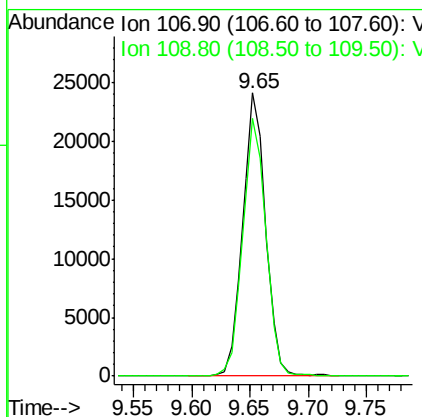
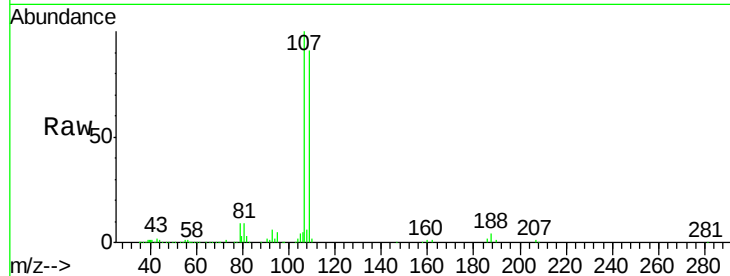
#61
 1,2-Dibromoethane
 Concen: 18.747 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX016431.D
 Acq: 26 May 2020 17:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0526WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.3	75.0	112.6

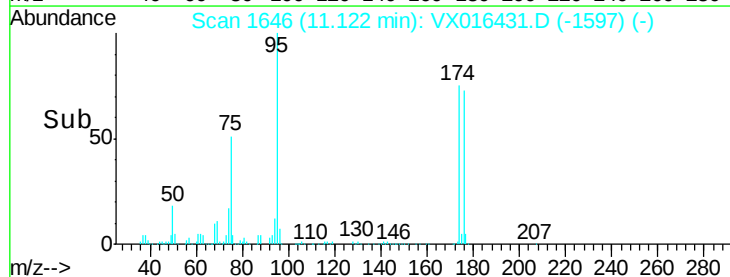
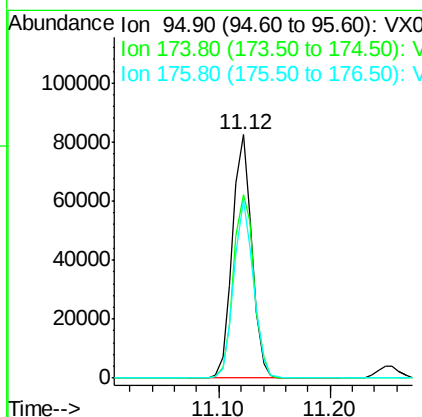
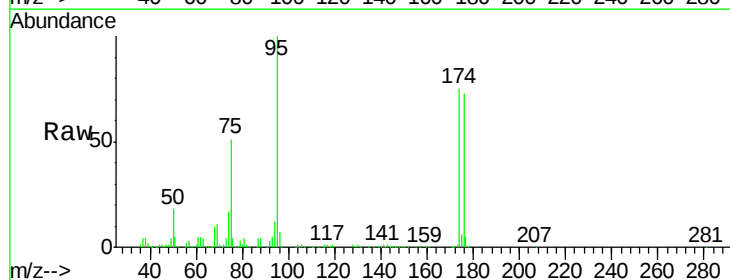
Manual Integrations
 APPROVED

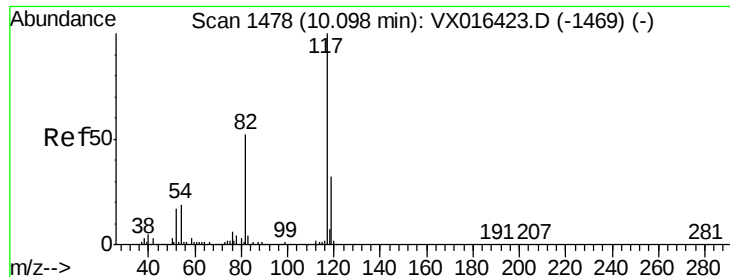
MMDadoda
 5/27/2020 12:28:05 PM



#62
 4-Bromofluorobenzene
 Concen: 48.826 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX016431.D
 Acq: 26 May 2020 17:41

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.4	0.0	162.6
176	73.6	0.0	158.2





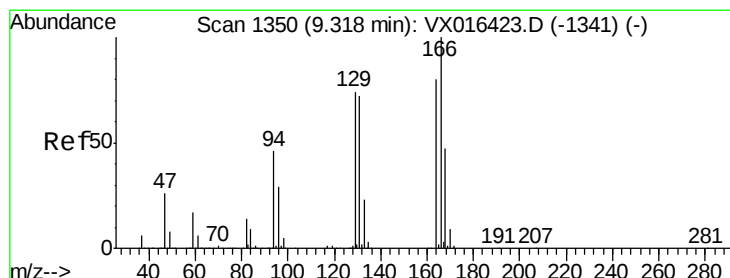
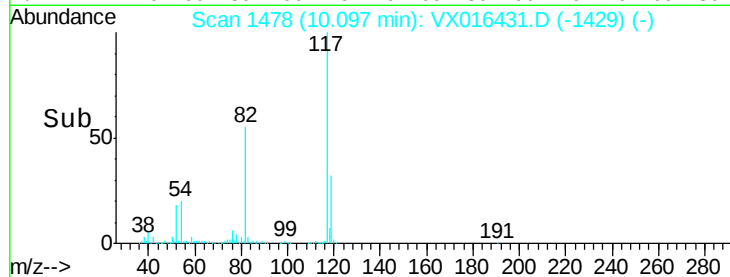
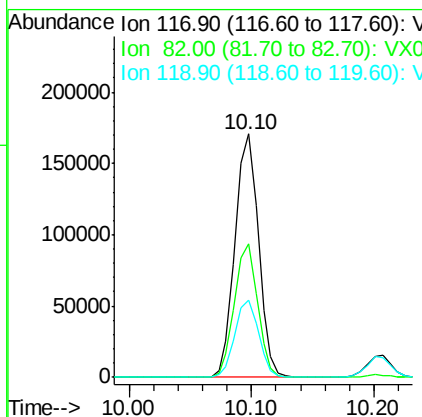
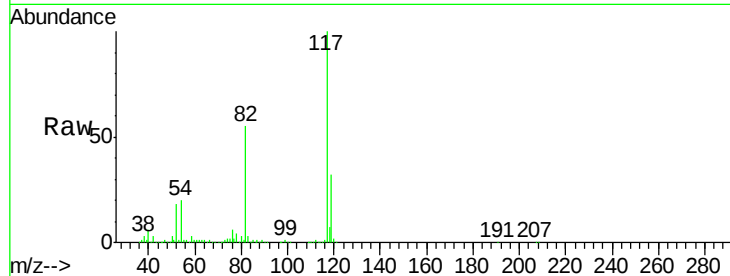
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

Instrument :
MSVOA_X
ClientSampled :
VX0526WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	226760		
82	54.9	41.8	62.6	
119	31.6	25.7	38.5	

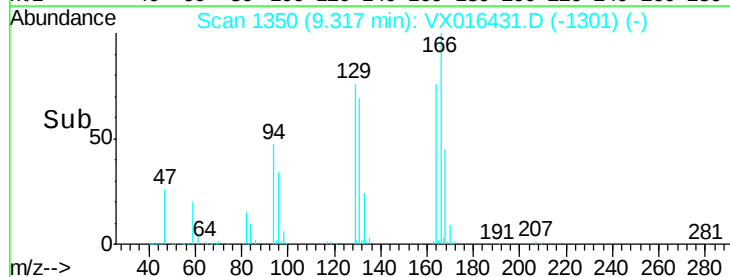
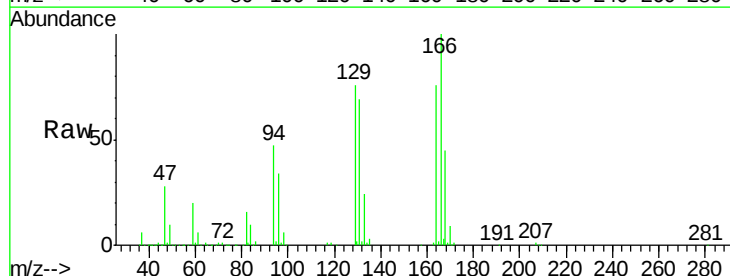
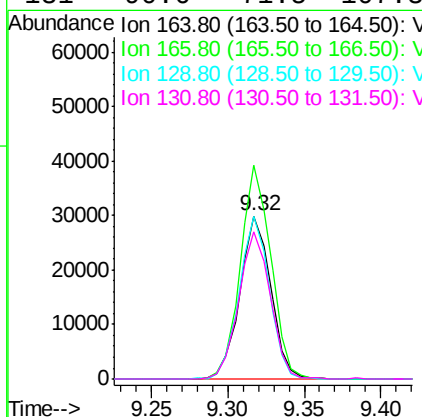
Manual Integrations
APPROVED

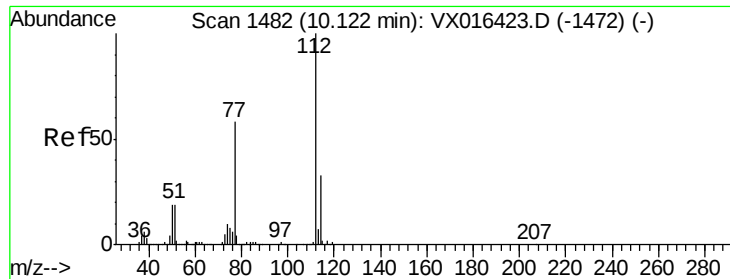
MMDadoda
5/27/2020 12:28:05 PM



#64
Tetrachloroethene
Concen: 17.736 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	41899		
166	131.3	99.5	149.3	
129	99.9	73.4	110.0	
131	90.6	71.5	107.3	





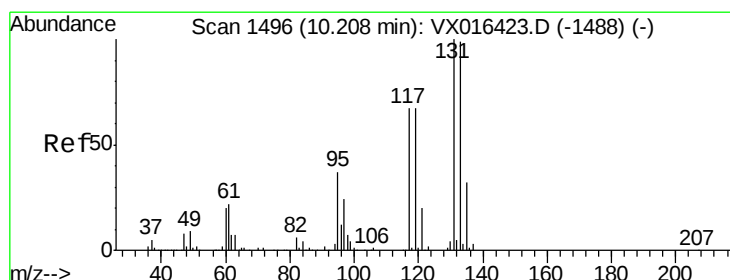
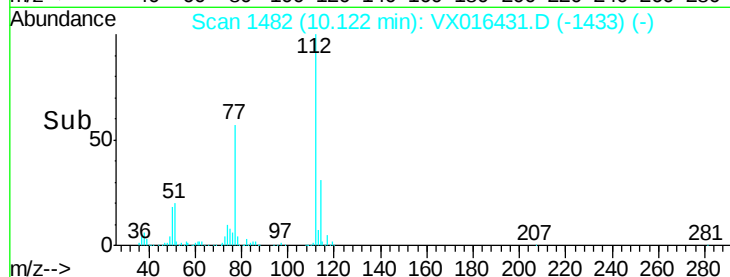
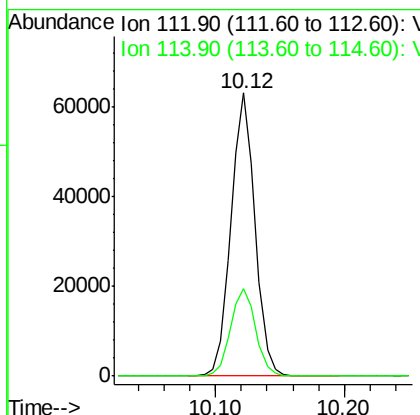
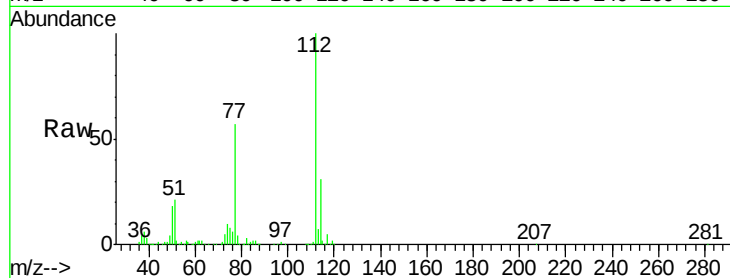
#65
Chlorobenzene
Concen: 18.414 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS01

Tot Ion:112 Resp: 82372
Ion Ratio Lower Upper
112 100
114 30.9 26.6 40.0

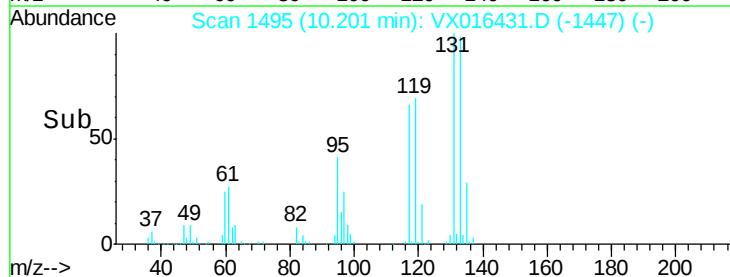
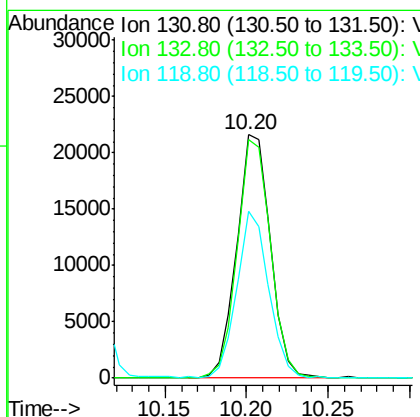
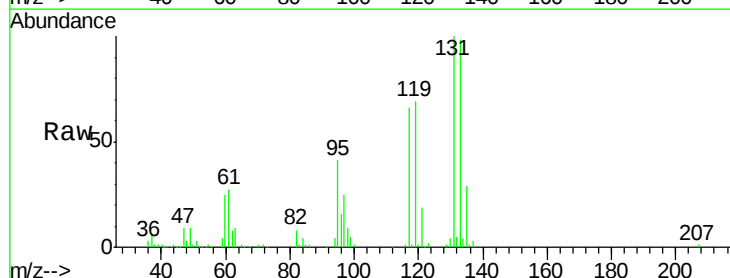
Manual Integrations
APPROVED

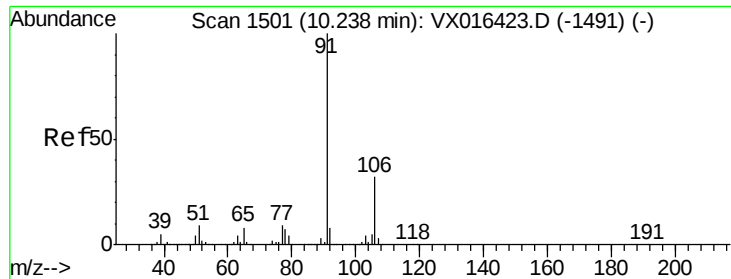
MMDadoda
5/27/2020 12:28:05 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 17.903 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

Tgt Ion:131 Resp: 31097
Ion Ratio Lower Upper
131 100
133 97.2 48.0 144.2
119 65.0 33.0 98.9





#67

Ethyl Benzene

Concen: 18.740 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBS01

Tot Ion: 91 Resp: 145970

Ion Ratio Lower Upper

91 100

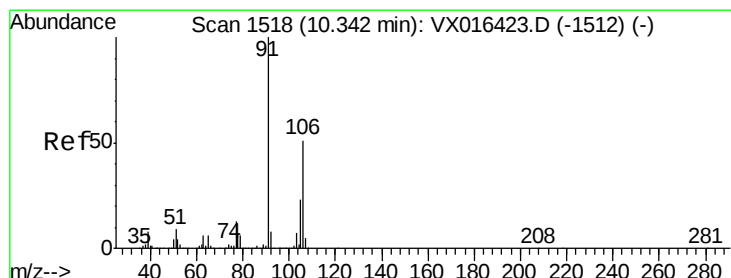
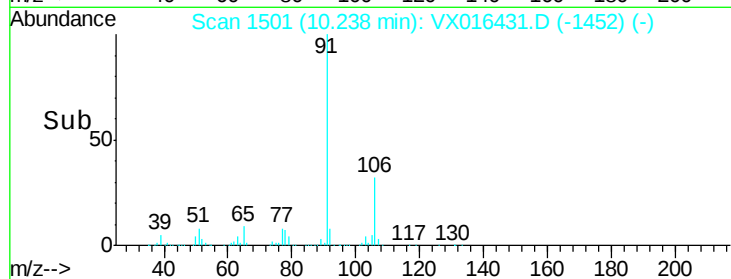
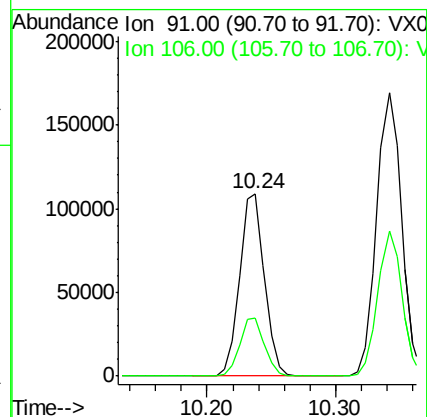
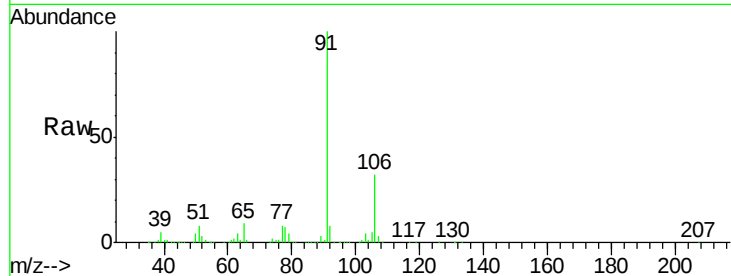
106 31.9 25.8 38.8

Manual Integrations

APPROVED

MMDadoda

5/27/2020 12:28:05 PM



#68

m/p-Xylenes

Concen: 36.908 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016431.D

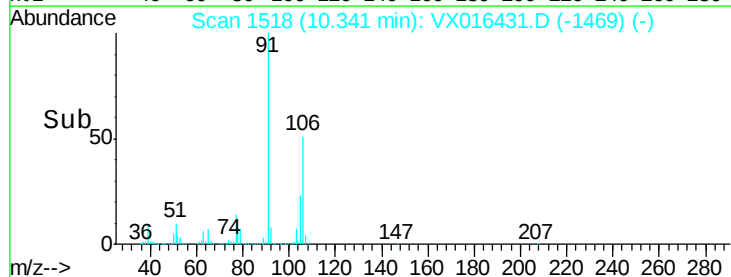
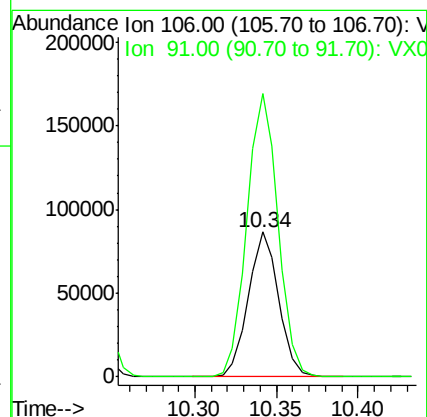
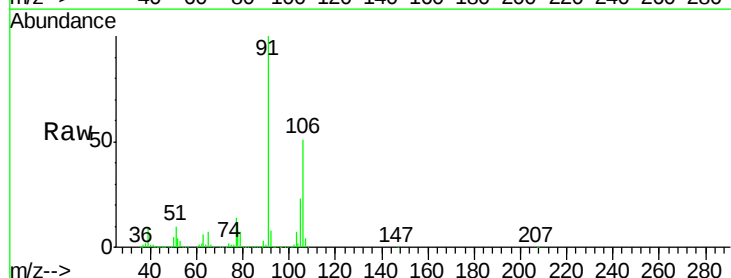
Acq: 26 May 2020 17:41

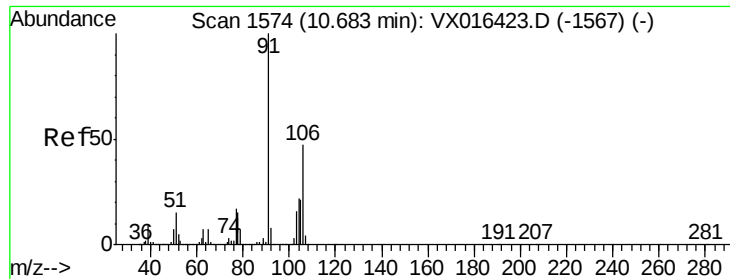
Tgt Ion: 106 Resp: 112419

Ion Ratio Lower Upper

106 100

91 200.0 158.2 237.4





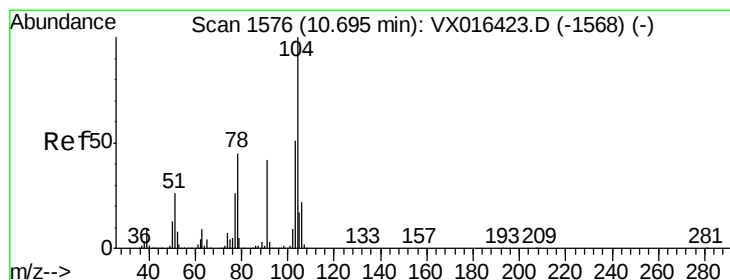
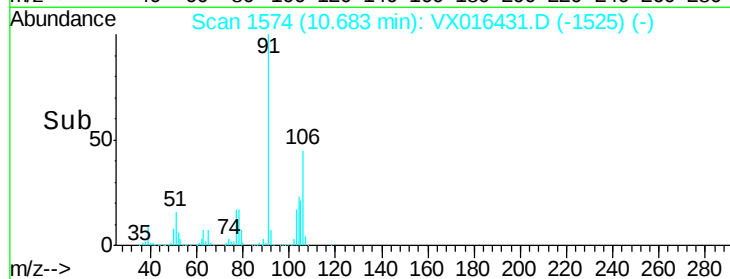
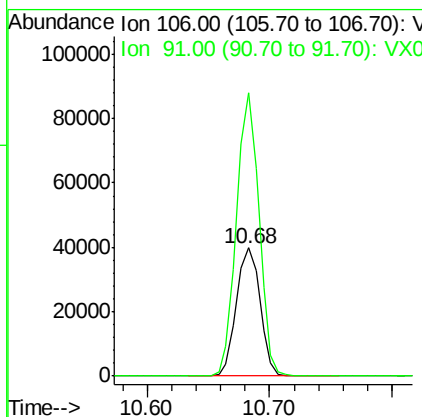
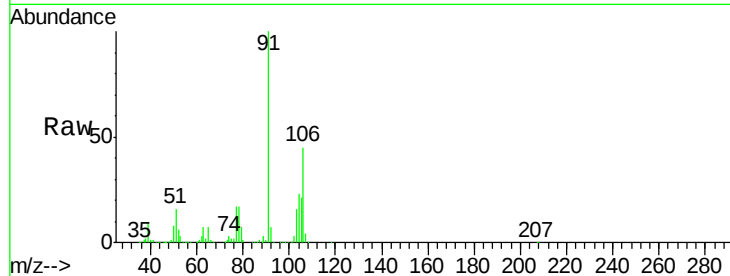
#69
o-Xylene
Concen: 18.441 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

Instrument :
MSVOA_X
ClientSampled :
VX0526WBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	208.9	104.0	312.0	

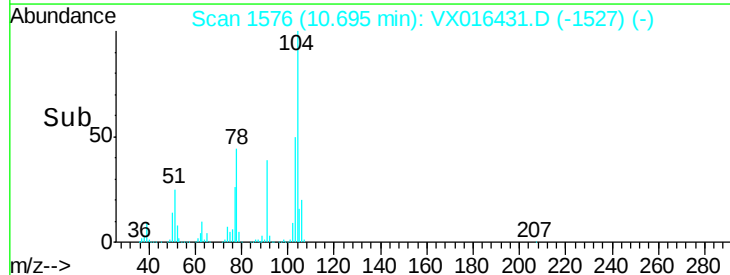
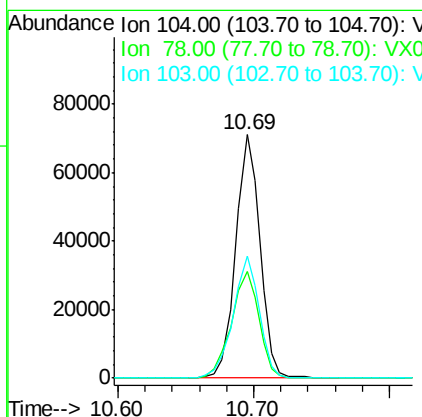
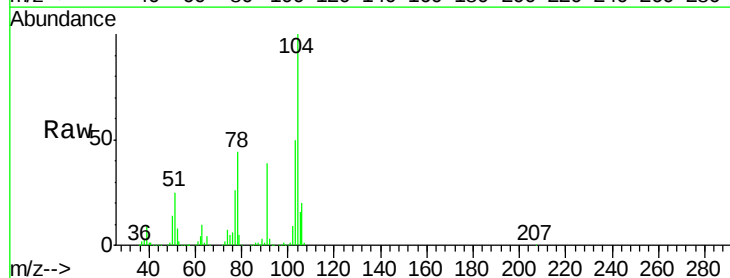
Manual Integrations
APPROVED

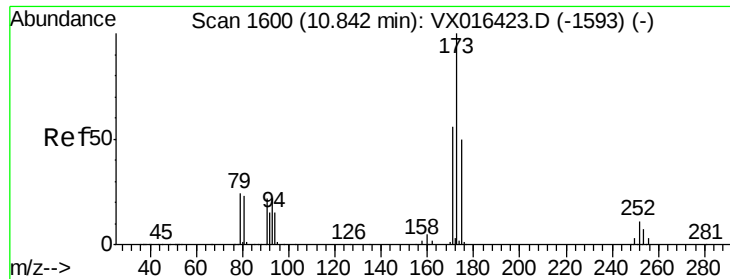
MMDadoda
5/27/2020 12:28:05 PM



#70
Styrene
Concen: 18.091 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	50.2	39.2	58.8	
103	54.3	43.8	65.6	





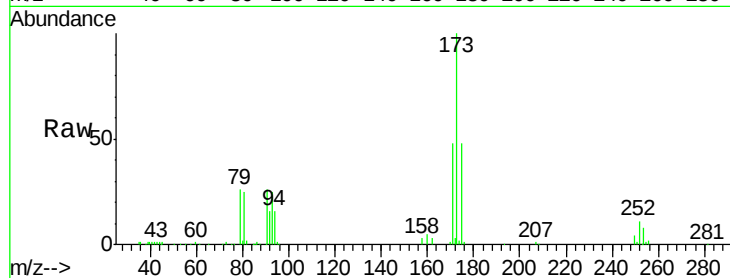
#71
Bromoform
Concen: 16.337 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS01

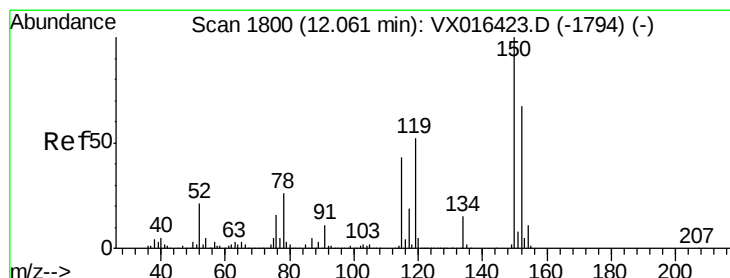
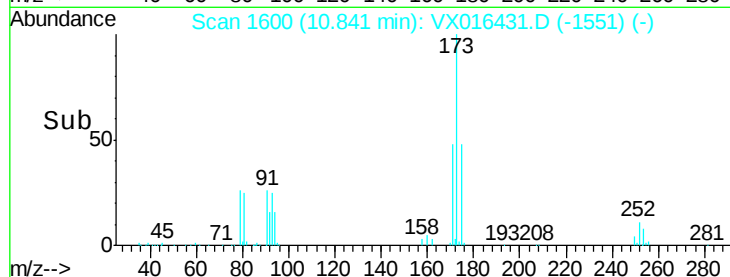
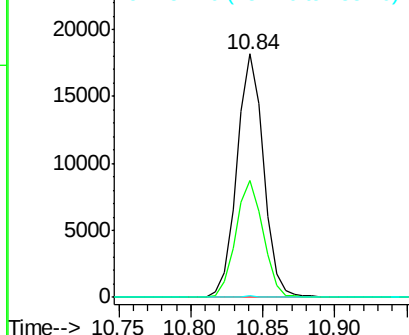
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.5	73.5
254	0.3	0.2	0.2#

Manual Integrations
APPROVED

MMDadoda
5/27/2020 12:28:05 PM

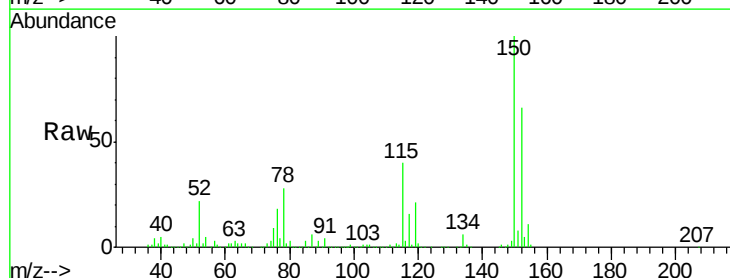


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

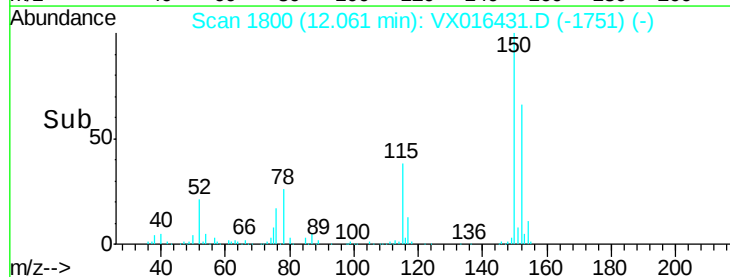
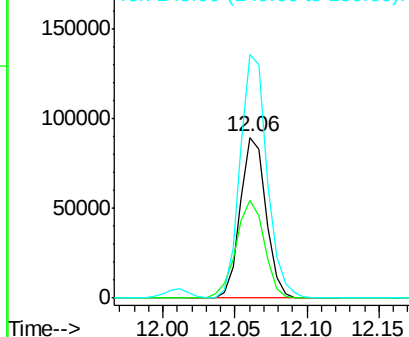


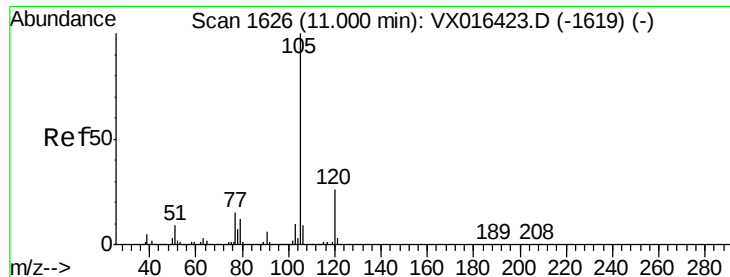
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	67.5	40.4	121.2
150	159.2	0.0	345.8



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





#73

Isopropylbenzene

Concen: 18.612 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBS01

Tot Ion: 105 Resp: 138989

Ion Ratio Lower Upper

105 100

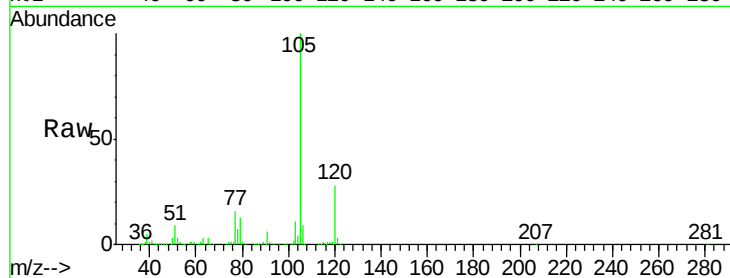
120 27.3 13.7 41.0

Manual Integrations

APPROVED

MMDadoda

5/27/2020 12:28:05 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

120000

100000

80000

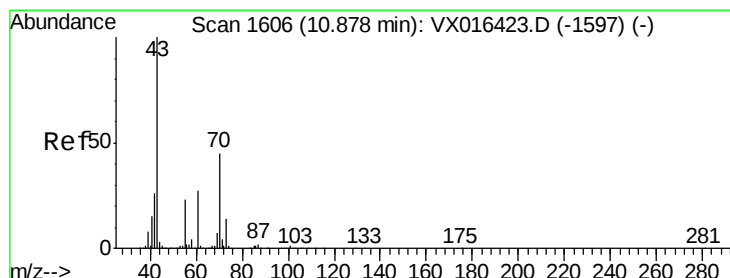
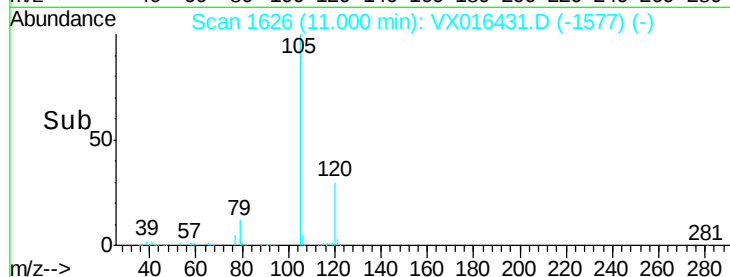
60000

40000

20000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 18.456 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Tgt Ion: 43 Resp: 58628

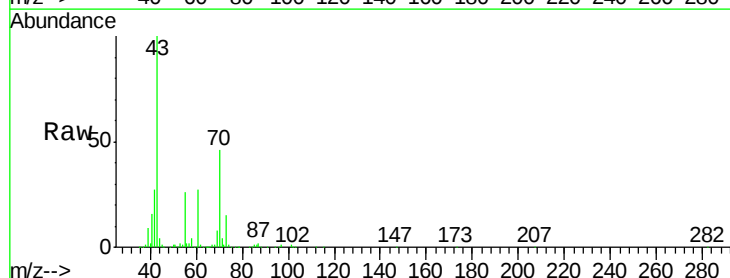
Ion Ratio Lower Upper

43 100

70 46.2 38.0 57.0

55 26.0 20.0 30.0

61 26.2 21.4 32.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

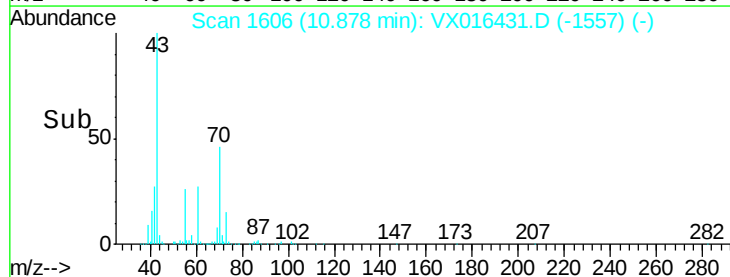
60000

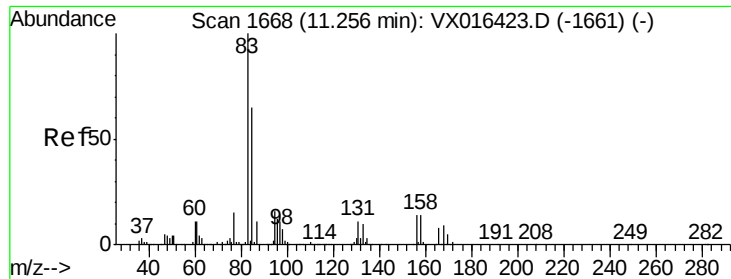
40000

20000

0

Time--> 10.80 10.90





#75

1,1,2,2-Tetrachloroethane

Concen: 18.413 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

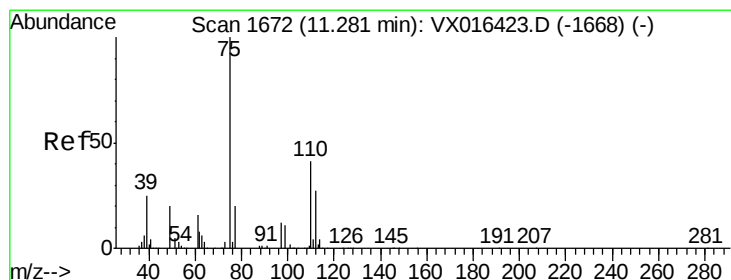
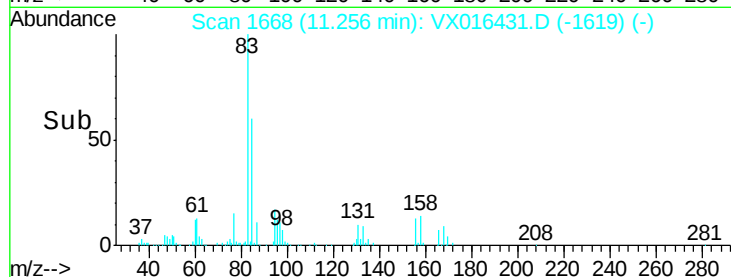
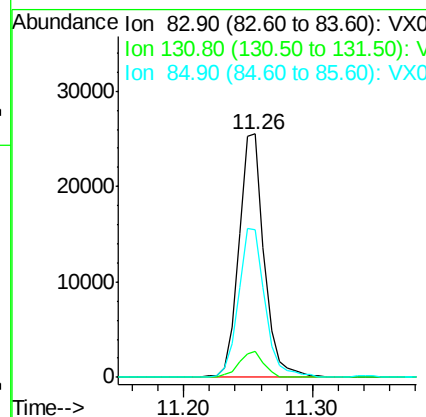
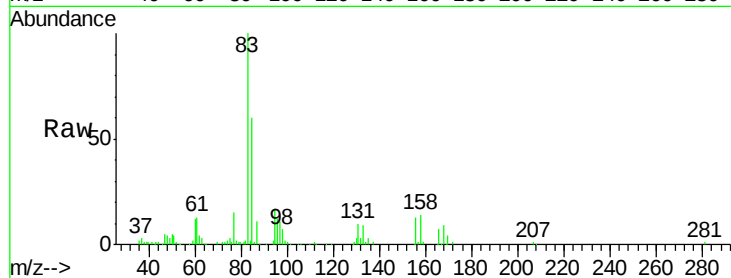
ClientSampleId :

VX0526WBS01

Tot Ion:	83	Resp:	34735
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.4	16.2
85	64.2	32.6	97.7

Manual Integrations
APPROVED

MMDadoda
5/27/2020 12:28:05 PM



#76

1,2,3-Trichloropropane

Concen: 19.110 ug/l m

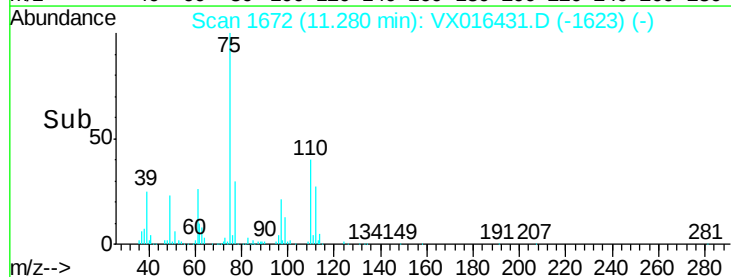
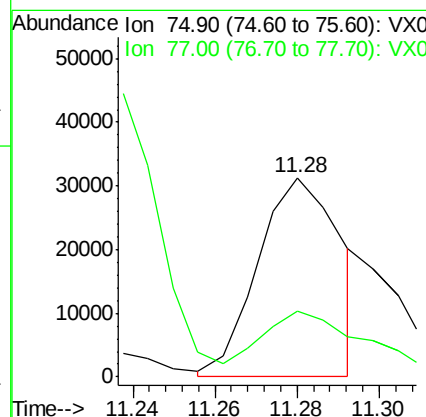
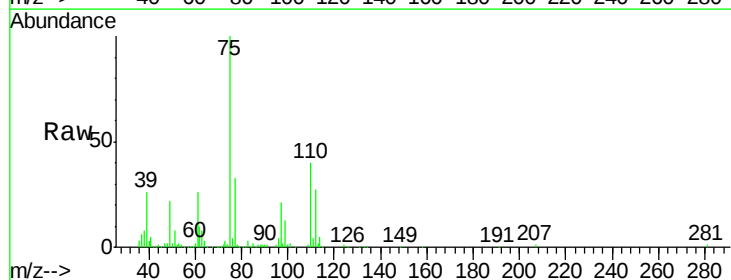
RT: 11.28 min Scan# 1672

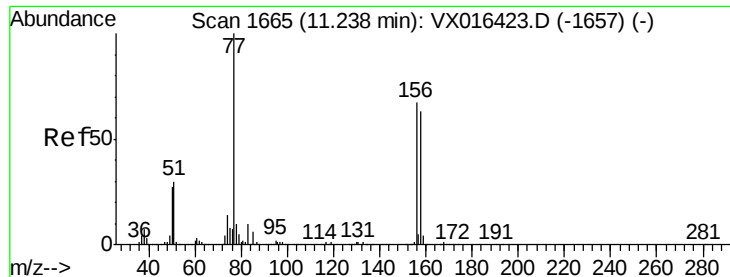
Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Tgt Ion:	75	Resp:	43871
Ion Ratio	Lower	Upper	
75	100		
77	42.3	21.4	64.3





#77

Bromobenzene

Concen: 17.583 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

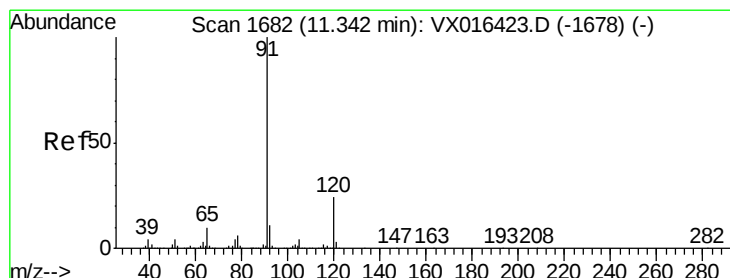
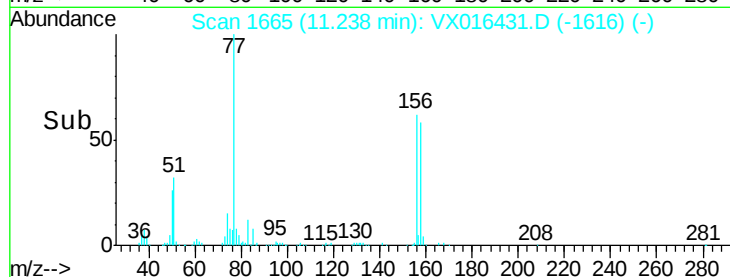
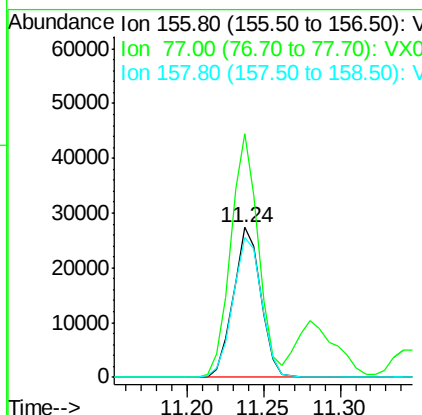
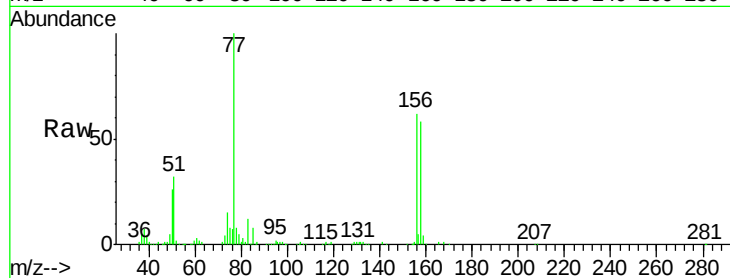
ClientSampleId :

VX0526WBS01

Tot Ion:	156	Resp:	34000
Ion	Ratio	Lower	Upper
156	100		
77	163.4	74.6	223.8
158	97.8	48.7	146.1

Manual Integrations
APPROVED

MMDadoda
5/27/2020 12:28:05 PM



#78

n-propylbenzene

Concen: 18.635 ug/l

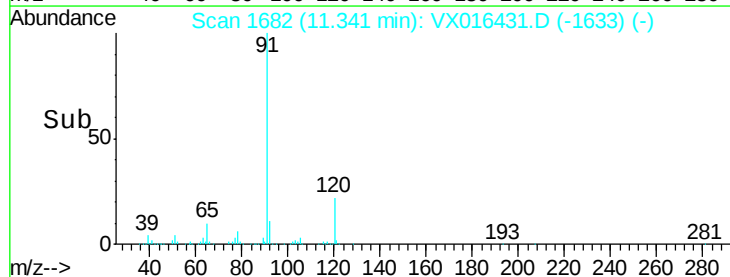
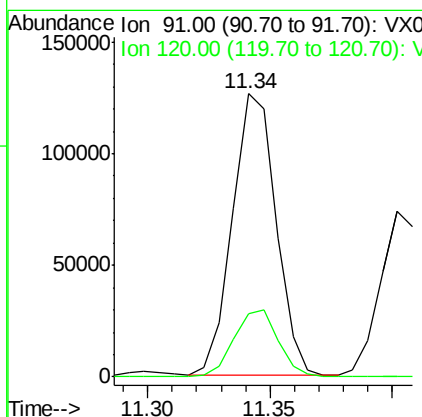
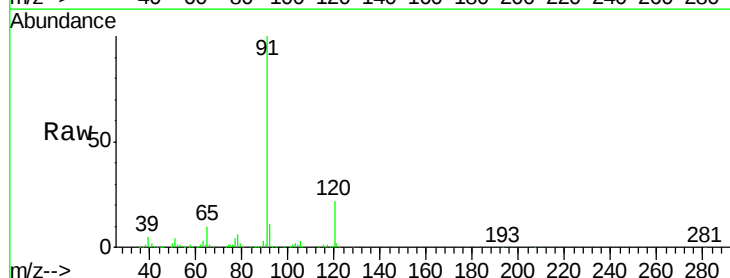
RT: 11.34 min Scan# 1682

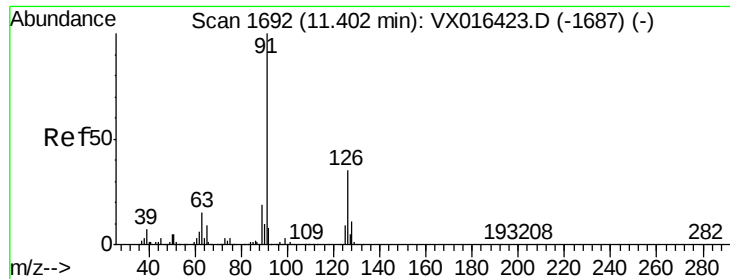
Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Tgt Ion:	91	Resp:	157335
Ion	Ratio	Lower	Upper
91	100		
120	23.9	12.1	36.3





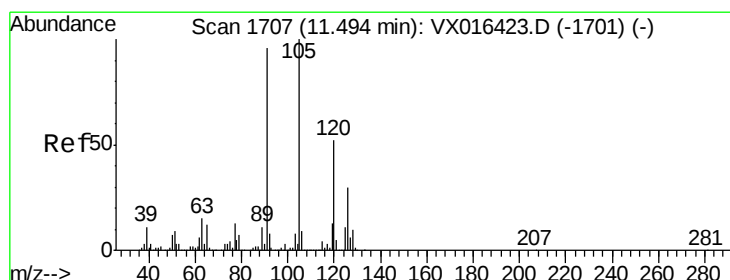
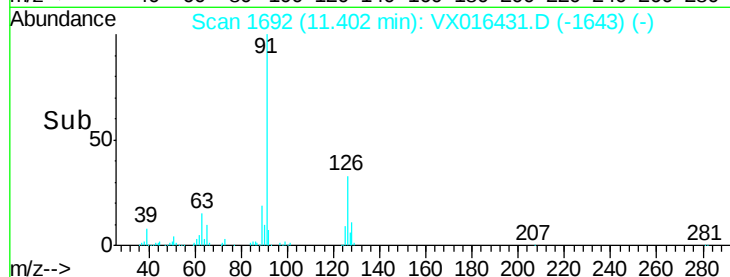
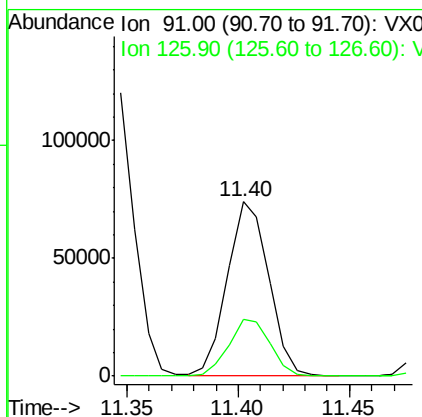
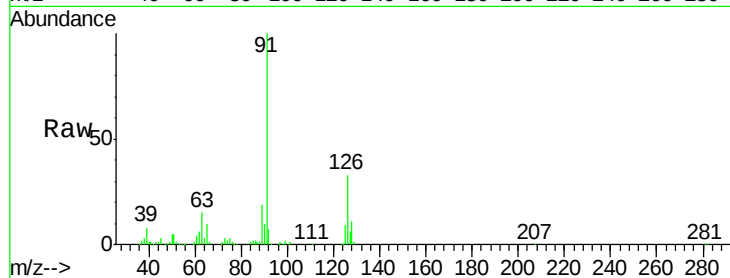
#79
 2-Chlorotoluene
 Concen: 18.996 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX016431.D
 Acq: 26 May 2020 17:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0526WBS01

Tot Ion: 91 Resp: 95413
 Ion Ratio Lower Upper
 91 100
 126 33.0 17.7 53.1

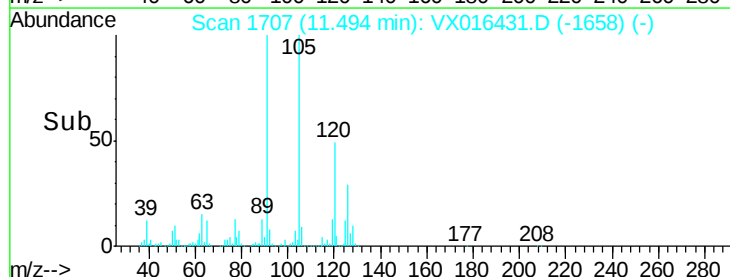
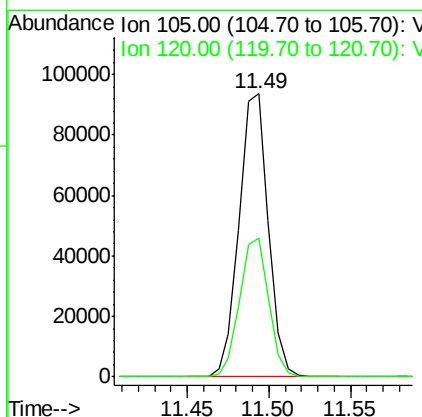
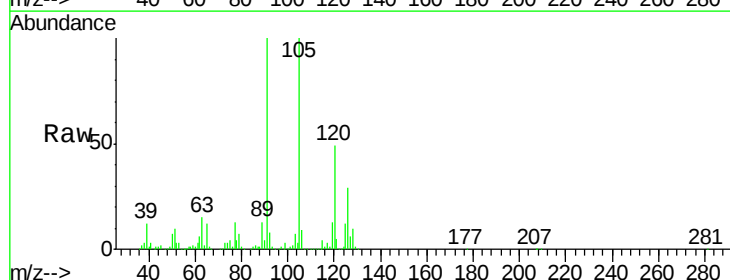
Manual Integrations
 APPROVED

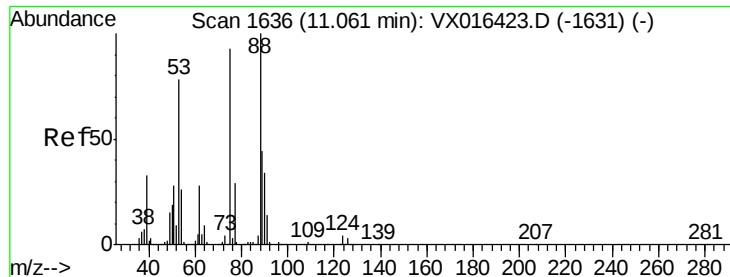
MMDadoda
 5/27/2020 12:28:05 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 18.744 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX016431.D
 Acq: 26 May 2020 17:41

Tgt Ion: 105 Resp: 117029
 Ion Ratio Lower Upper
 105 100
 120 48.9 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 17.871 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

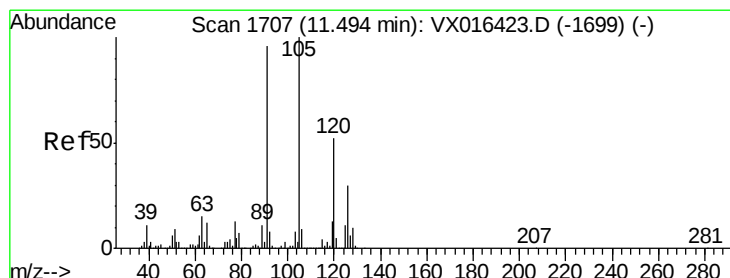
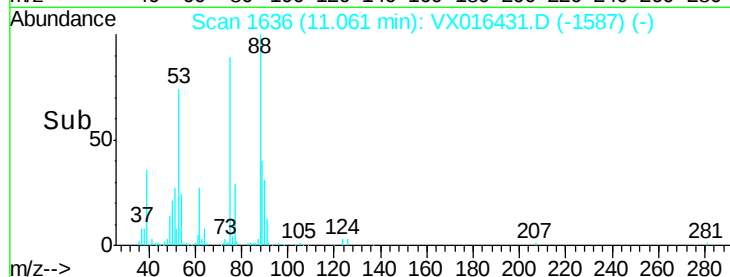
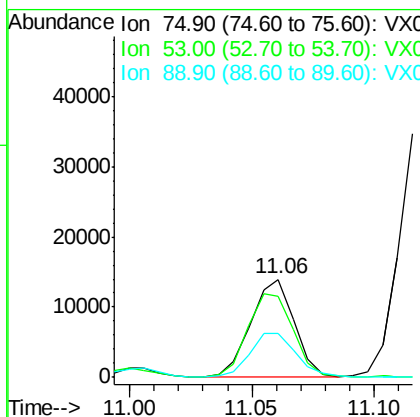
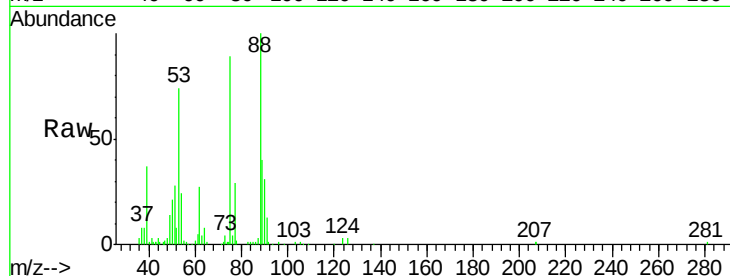
ClientSampleId :

VX0526WBS01

Tot Ion:	75	Resp:	17061
Ion	Ratio	Lower	Upper
75	100		
53	92.0	69.4	104.2
89	50.0	37.0	55.6

Manual Integrations
APPROVED

MMDadoda
5/27/2020 12:28:05 PM



#82

4-Chlorotoluene

Concen: 18.825 ug/l

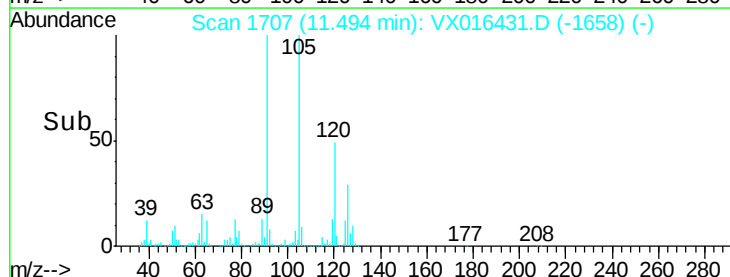
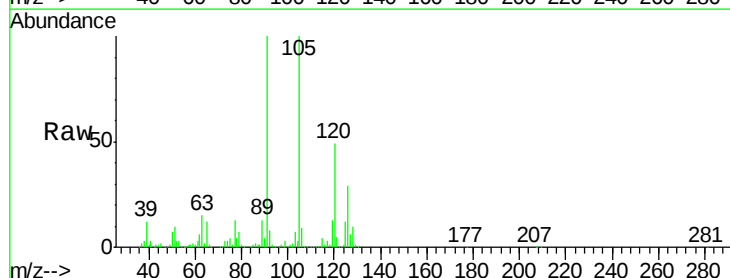
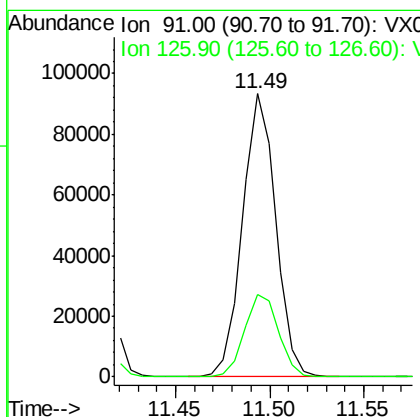
RT: 11.49 min Scan# 1707

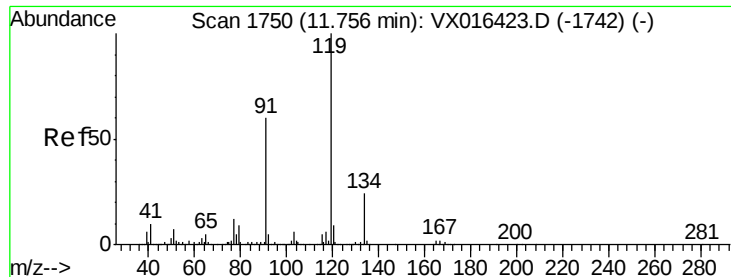
Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Tgt Ion:	91	Resp:	113722
Ion	Ratio	Lower	Upper
91	100		
126	30.3	15.7	47.0





#83

tert-Butylbenzene

Concen: 18.493 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

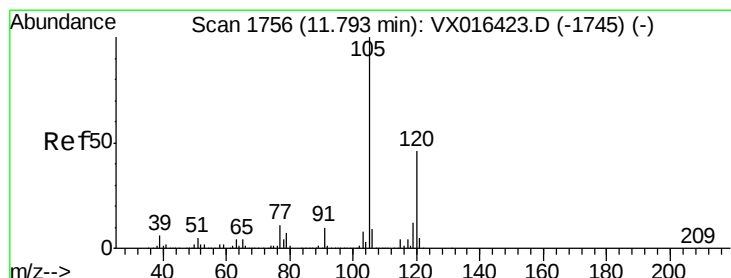
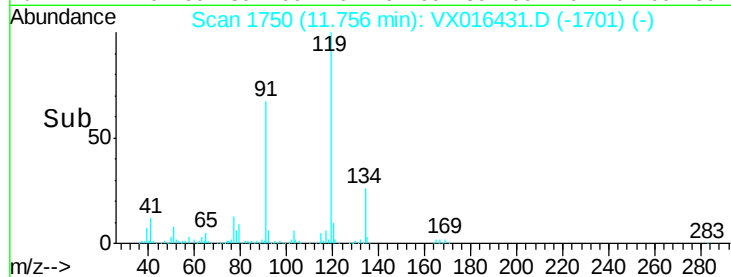
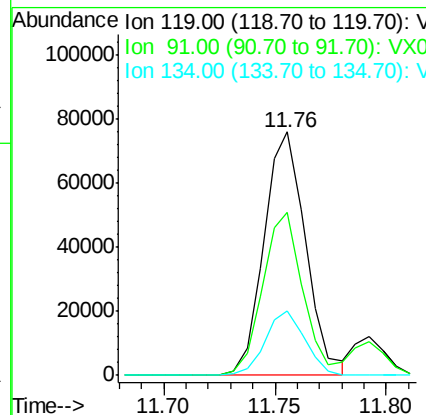
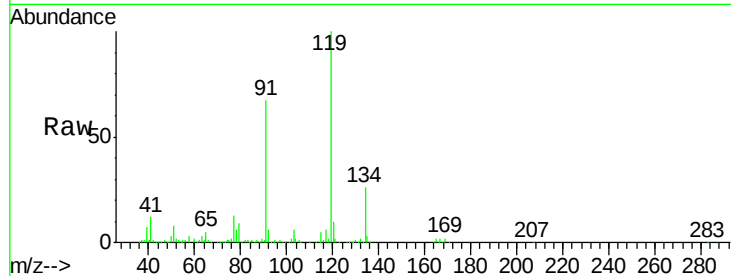
ClientSampled :

VX0526WBS01

Tot Ion:	119	Resp:	98733
Ion Ratio	Lower	Upper	
119	100		
91	64.1	30.8	92.3
134	25.1	12.3	36.9

Manual Integrations
APPROVED

MMDadoda
5/27/2020 12:28:05 PM



#84

1,2,4-Trimethylbenzene

Concen: 18.872 ug/l

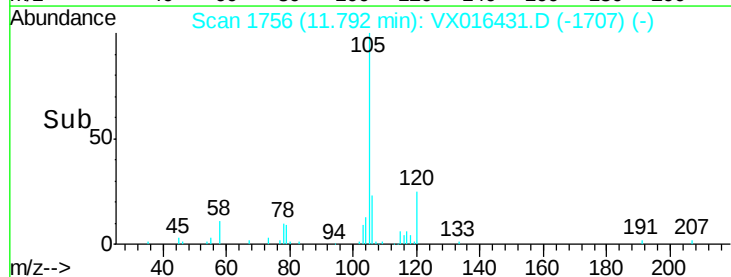
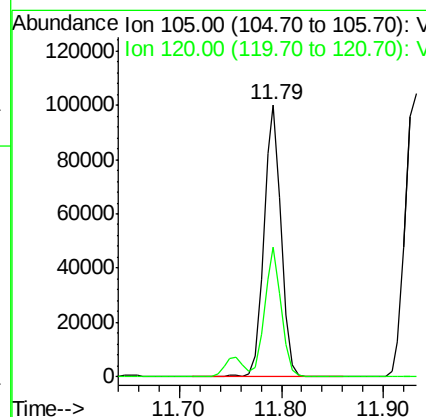
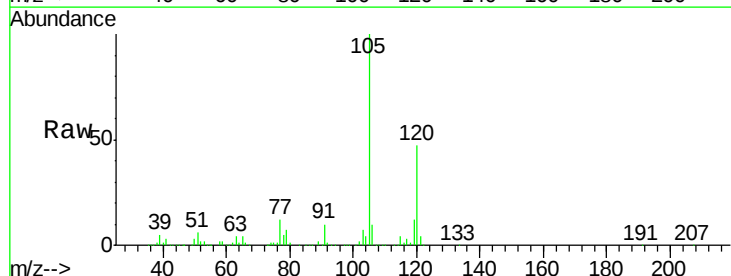
RT: 11.79 min Scan# 1756

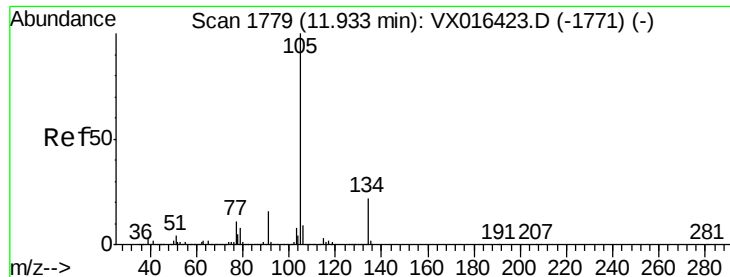
Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Tgt Ion:	105	Resp:	118744
Ion Ratio	Lower	Upper	
105	100		
120	45.8	23.2	69.6





#85

sec-Butylbenzene

Concen: 18.761 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBS01

Tot Ion:105 Resp: 126893

Ion Ratio Lower Upper

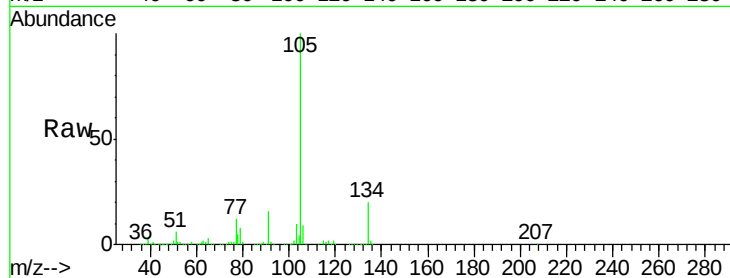
105 100

134 20.2 10.5 31.6

Manual Integrations
APPROVED

MMDadoda

5/27/2020 12:28:05 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

120000

100000

80000

60000

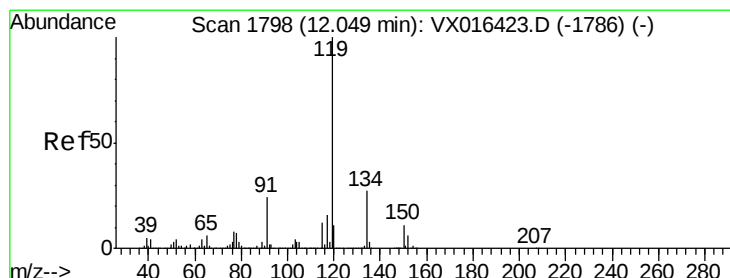
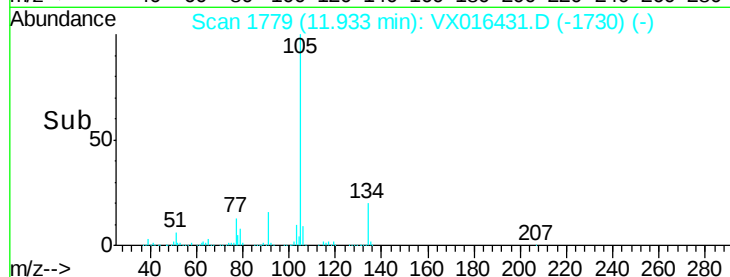
40000

20000

0

11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 18.685 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

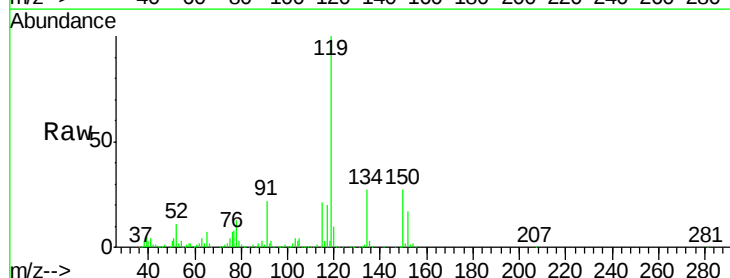
Tgt Ion:119 Resp: 118067

Ion Ratio Lower Upper

119 100

134 26.7 13.8 41.3

91 23.9 11.9 35.5



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

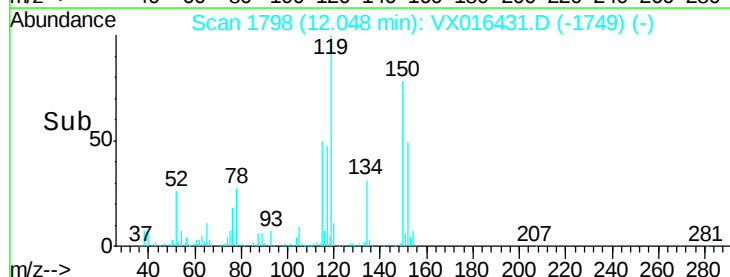
100000

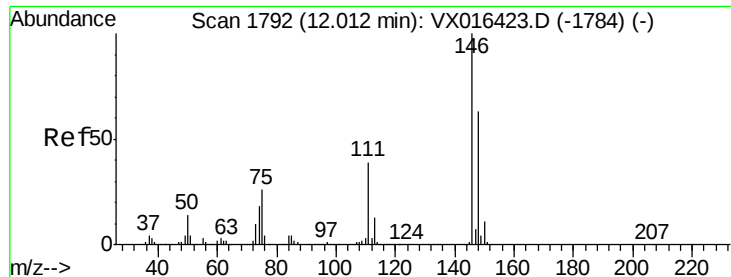
50000

0

12.00 12.10

Time-->





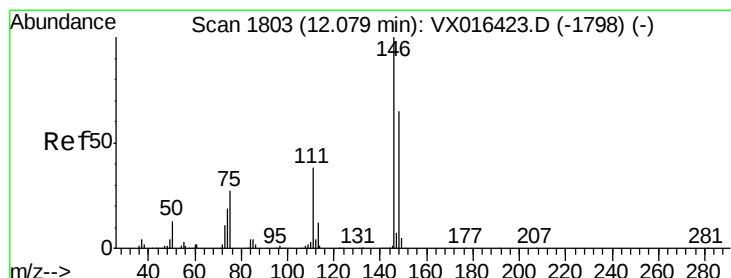
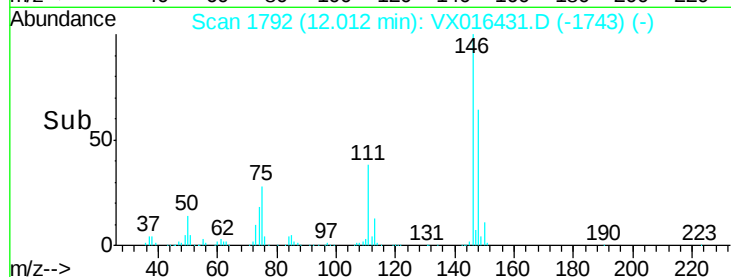
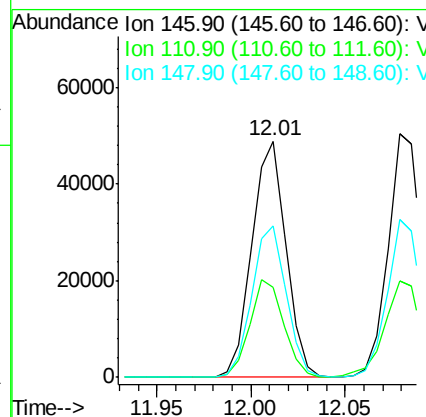
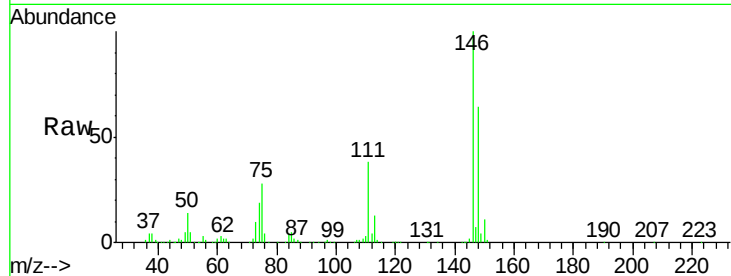
#87
 1,3-Dichlorobenzene
 Concen: 17.904 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016431.D
 Acq: 26 May 2020 17:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0526WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.1	60.2
148	64.4	31.4	94.2

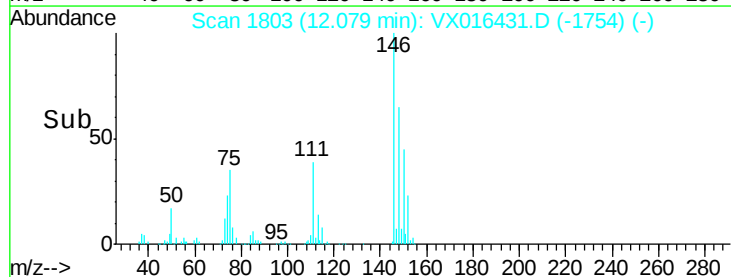
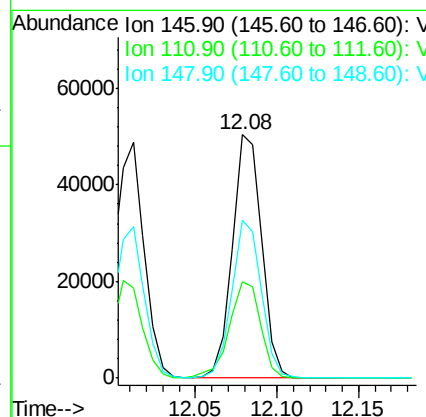
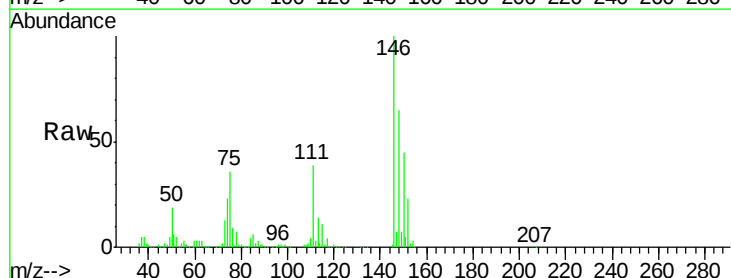
Manual Integrations
 APPROVED

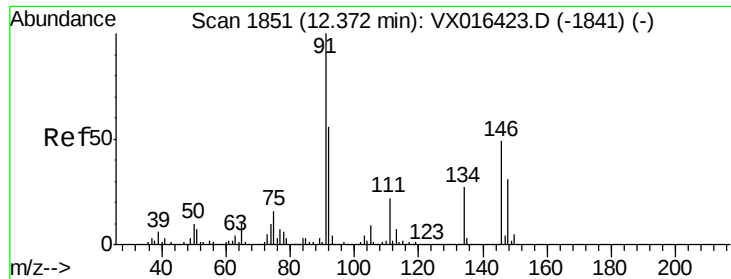
MMDadoda
 5/27/2020 12:28:05 PM



#88
 1,4-Dichlorobenzene
 Concen: 18.060 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016431.D
 Acq: 26 May 2020 17:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.0	19.2	57.6
148	65.6	33.1	99.2





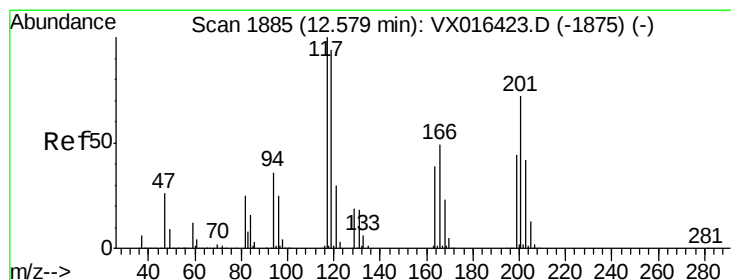
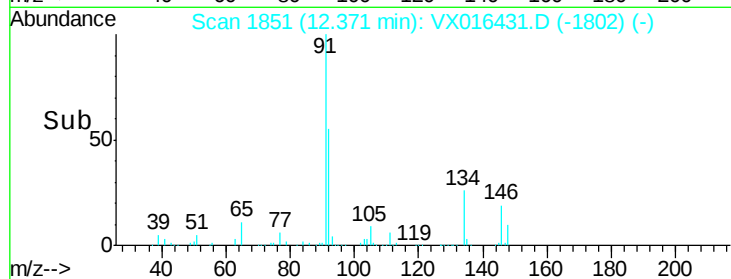
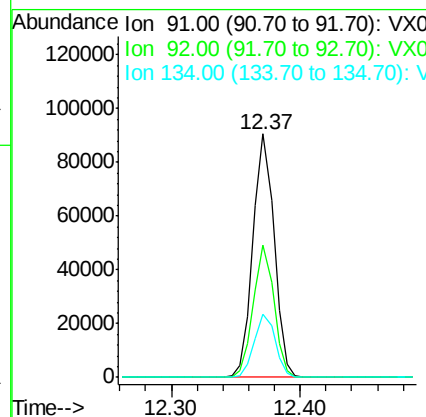
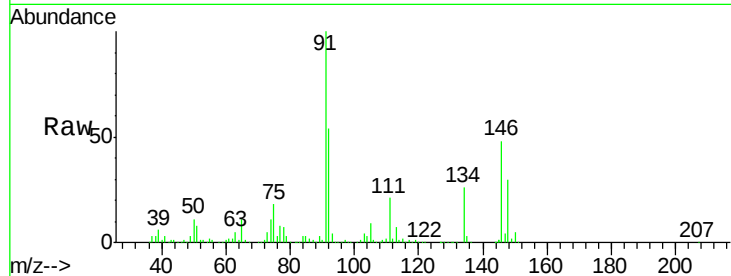
#89
n-Butylbenzene
Concen: 18.652 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	27.6	82.8
134	25.9	13.7	41.1

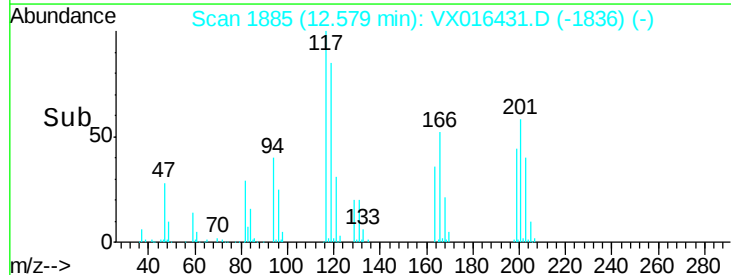
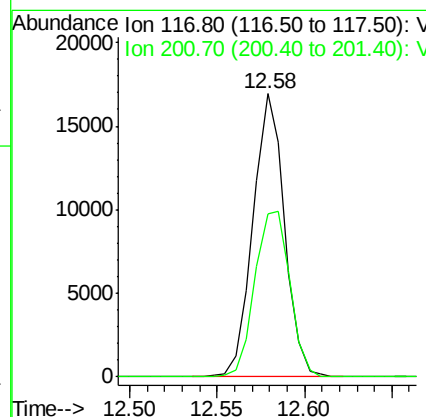
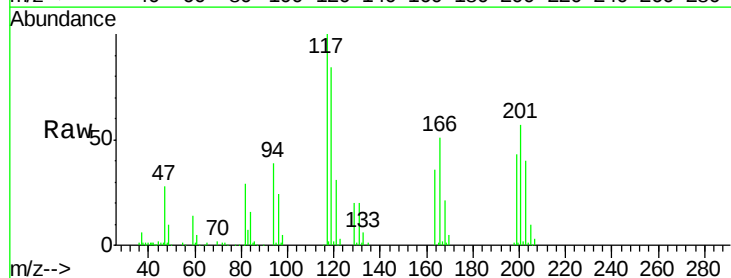
Manual Integrations
APPROVED

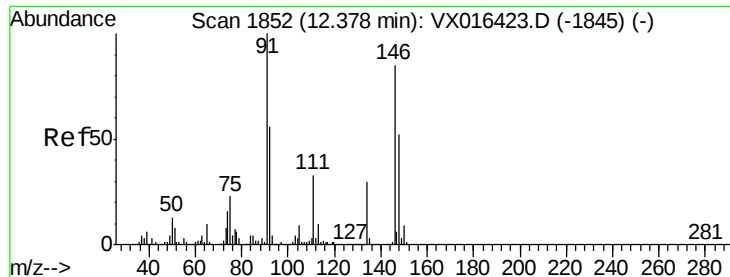
MMDadoda
5/27/2020 12:28:05 PM



#90
Hexachloroethane
Concen: 18.609 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016431.D
Acq: 26 May 2020 17:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.0	37.6	112.9





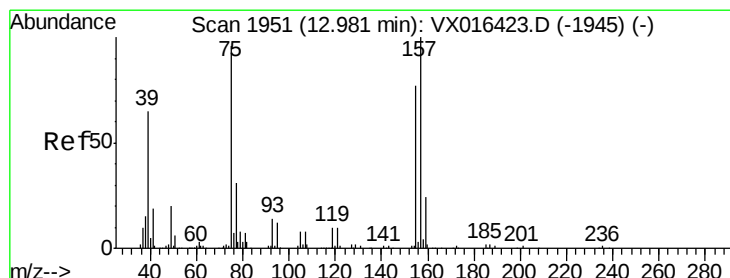
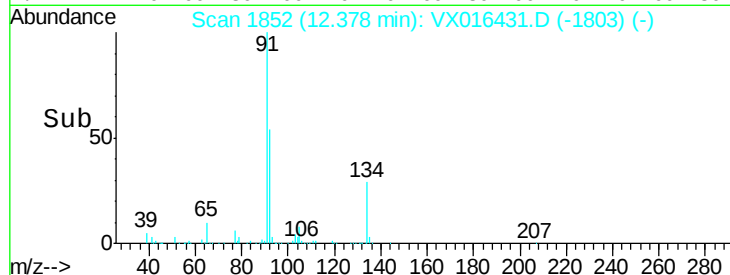
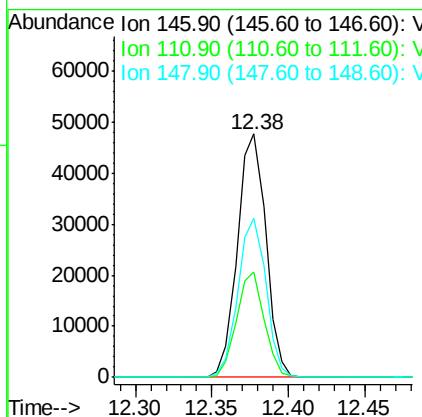
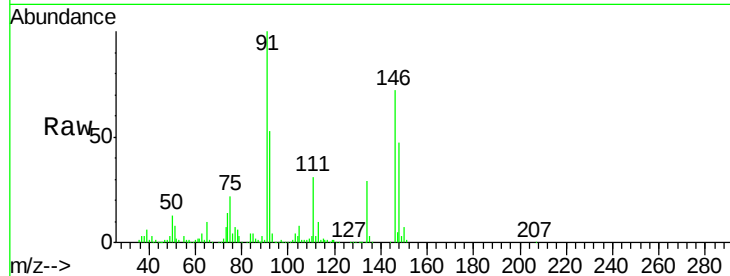
#91
 1,2-Dichlorobenzene
 Concen: 18.186 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016431.D
 Acq: 26 May 2020 17:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0526WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.4	61.3
148	64.5	31.6	94.8

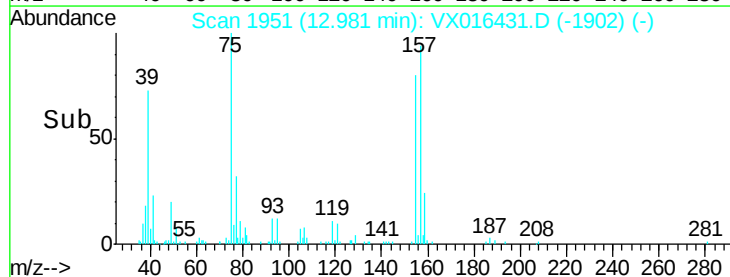
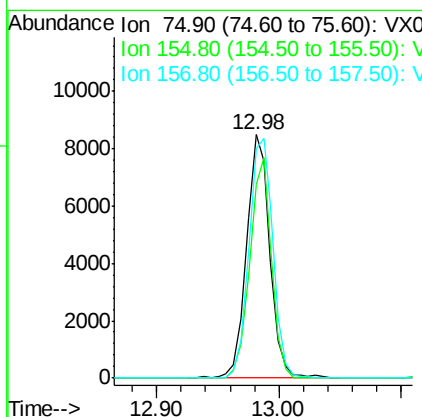
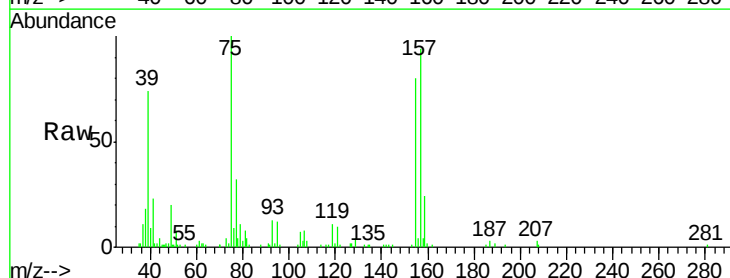
Manual Integrations
 APPROVED

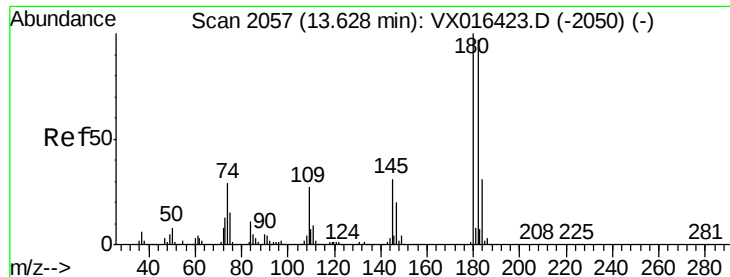
MMDadoda
 5/27/2020 12:28:05 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.178 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016431.D
 Acq: 26 May 2020 17:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.7	44.8	134.4
157	102.1	57.8	173.4





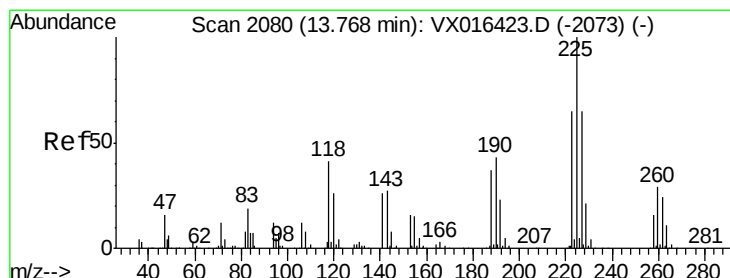
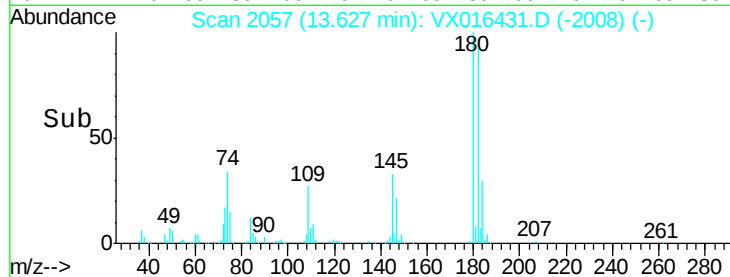
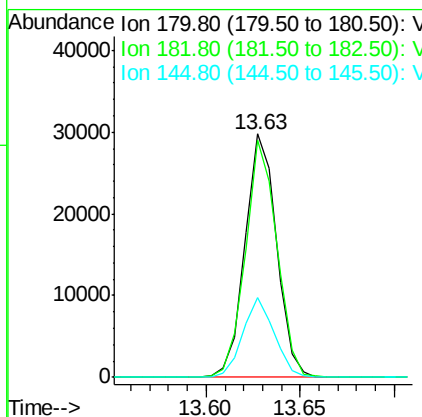
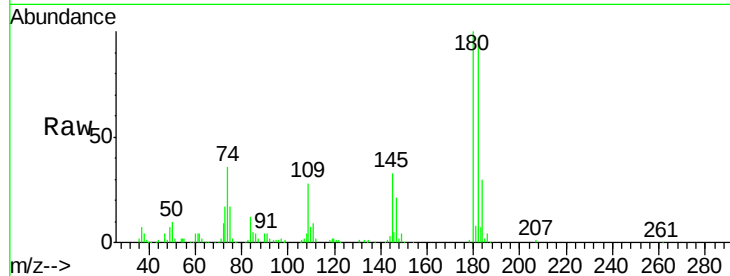
#93
 1,2,4-Trichlorobenzene
 Concen: 16.408 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016431.D
 Acq: 26 May 2020 17:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0526WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	34547		
182	97.2	48.6	145.8	
145	32.6	15.5	46.5	

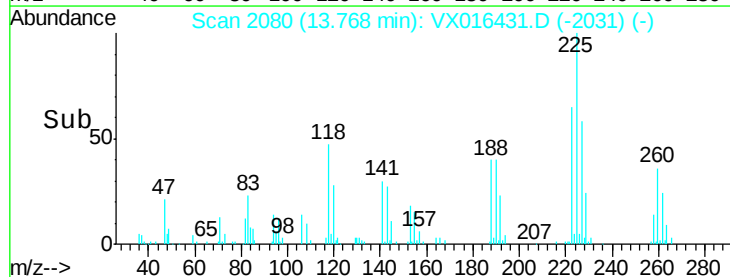
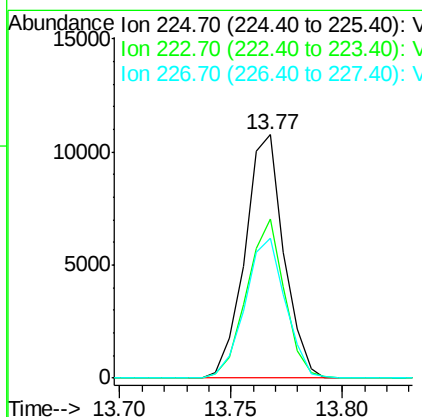
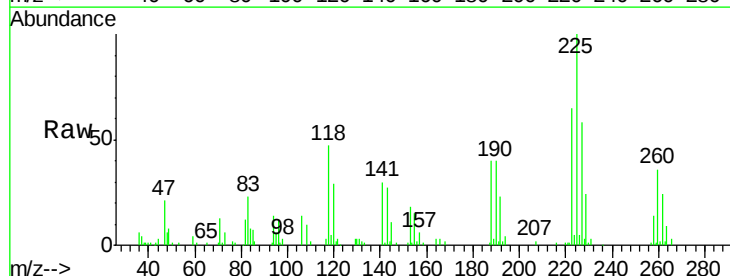
Manual Integrations
 APPROVED

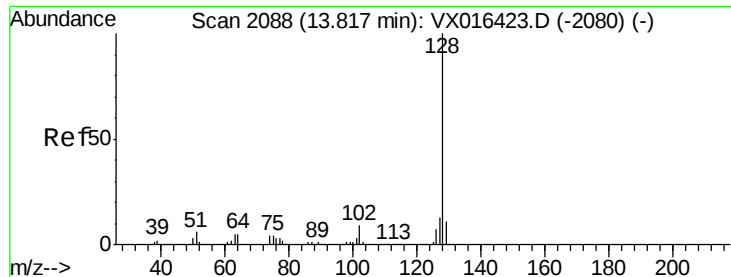
MMDadoda
 5/27/2020 12:28:05 PM



#94
 Hexachlorobutadiene
 Concen: 17.301 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016431.D
 Acq: 26 May 2020 17:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	13135		
223	63.1	32.6	98.0	
227	59.5	32.5	97.4	





#95

Naphthalene

Concen: 17.167 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Instrument :

MSVOA_X

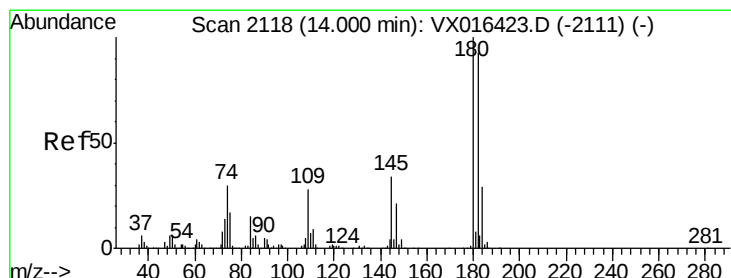
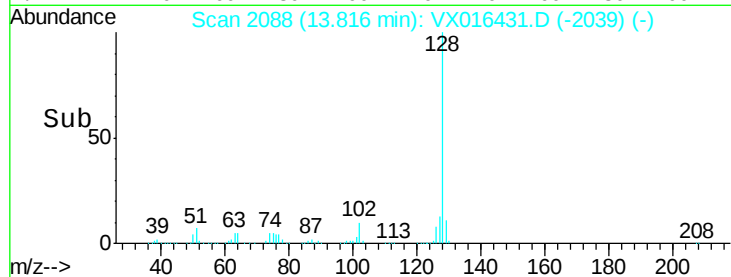
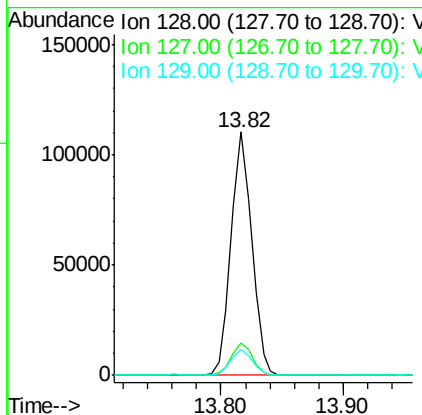
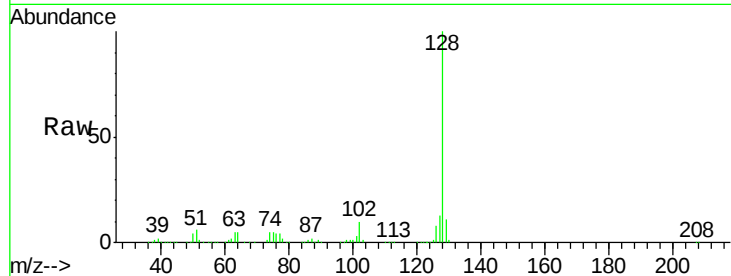
ClientSampleId :

VX0526WBS01

Tot Ion:	128	Resp:	129516
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.5	15.7
129	11.0	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
5/27/2020 12:28:05 PM



#96

1,2,3-Trichlorobenzene

Concen: 17.370 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX016431.D

Acq: 26 May 2020 17:41

Tgt Ion:	180	Resp:	35348
Ion Ratio	Lower	Upper	
180	100		
182	93.1	48.2	144.6
145	32.4	16.3	48.9

