

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052620\
 Data File : VX016423.D
 Acq On : 26 May 2020 13:39
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 5/27/2020 12:27:20 PM

Quant Time: May 26 16:06:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052620W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 26 15:50:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	164354	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	273444	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	263228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	132321	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	106532	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	
35) Dibromofluoromethane	5.46	113	86915	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
50) Toluene-d8	8.70	98	335383	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
62) 4-Bromofluorobenzene	11.12	95	123754	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	67101	40.246	ug/l	100
3) Chloromethane	1.32	50	84064	42.721	ug/l	100
4) Vinyl Chloride	1.39	62	110647	50.960	ug/l	100
5) Bromomethane	1.62	94	134703	95.197	ug/l	100
6) Chloroethane	1.71	64	77512	57.499	ug/l	100
7) Trichlorofluoromethane	1.92	101	178778	60.534	ug/l	100
8) Diethyl Ether	2.17	74	71087	57.548	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	75623	46.877	ug/l	100
10) Methyl Iodide	2.49	142	84380	40.697	ug/l	100
11) Tert butyl alcohol	3.02	59	120481	225.603	ug/l	100
12) 1,1-Dichloroethene	2.36	96	77957	46.205	ug/l	100
13) Acrolein	2.28	56	61058	188.280	ug/l	100
14) Allyl chloride	2.71	41	129569	42.520	ug/l	100
15) Acrylonitrile	3.12	53	247486	222.467	ug/l	100
16) Acetone	2.42	43	211930	223.743	ug/l	100
17) Carbon Disulfide	2.55	76	232397	40.526	ug/l	100
18) Methyl Acetate	2.75	43	103220	44.351	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	283445	48.465	ug/l	100
20) Methylene Chloride	2.84	84	89358	45.325	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	91223	47.842	ug/l	100
22) Diisopropyl ether	3.82	45	270391	46.338	ug/l	100
23) Vinyl Acetate	3.79	43	1211657	236.454	ug/l	100
24) 1,1-Dichloroethane	3.67	63	157664	47.982	ug/l	100
25) 2-Butanone	4.64	43	354629	232.067	ug/l	100
26) 2,2-Dichloropropane	4.56	77	143835	47.814	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	105674	50.510	ug/l	100
28) Bromochloromethane	4.98	49	71987	47.830	ug/l	100
29) Tetrahydrofuran	5.09	42	230664	228.115	ug/l	100
30) Chloroform	5.18	83	167704	50.763	ug/l	100
31) Cyclohexane	5.55	56	134451	45.804	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	155005	51.455	ug/l	100
36) 1,1-Dichloropropene	5.77	75	125667	46.979	ug/l	100
37) Ethyl Acetate	4.79	43	136112	44.613	ug/l	100
38) Carbon Tetrachloride	5.76	117	134315	49.187	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052620\
 Data File : VX016423.D
 Acq On : 26 May 2020 13:39
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 5/27/2020 12:27:20 PM

Quant Time: May 26 16:06:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052620W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 26 15:50:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	138248	43.661	ug/l	100
40) Benzene	6.12	78	376050	47.976	ug/l	100
41) Methacrylonitrile	5.00	41	73626	44.711	ug/l	100
42) 1,2-Dichloroethane	6.17	62	134050	47.539	ug/l	100
43) Isopropyl Acetate	6.42	43	220339	45.124	ug/l	100
44) Trichloroethene	7.19	130	125310	45.245	ug/l	100
45) 1,2-Dichloropropane	7.49	63	92499	46.977	ug/l	100
46) Dibromomethane	7.64	93	68644	50.431	ug/l	100
47) Bromodichloromethane	7.88	83	136571	49.680	ug/l	100
48) Methyl methacrylate	7.74	41	101288	44.026	ug/l	100
49) 1,4-Dioxane	7.72	88	53085	947.843	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	702273	234.767	ug/l	100
52) Toluene	8.77	92	244908	49.910	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	156645	47.943	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	160092	47.108	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	99577	51.358	ug/l	100
56) Ethyl methacrylate	9.16	69	151142	48.508	ug/l	100
57) 1,3-Dichloropropane	9.35	76	164634	49.028	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	389544	235.286	ug/l	100
59) 2-Hexanone	9.48	43	550199	234.002	ug/l	100
60) Dibromochloromethane	9.57	129	115761	53.901	ug/l	100
61) 1,2-Dibromoethane	9.65	107	111054	52.729	ug/l	100
64) Tetrachloroethene	9.32	164	145655	45.652	ug/l	100
65) Chlorobenzene	10.12	112	268640	48.871	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	102845	50.477	ug/l	100
67) Ethyl Benzene	10.24	91	469161	48.132	ug/l	100
68) m/p-Xylenes	10.34	106	363546	99.261	ug/l	100
69) o-Xylene	10.68	106	176225	49.955	ug/l	100
70) Styrene	10.70	104	298189	49.975	ug/l	100
71) Bromoform	10.84	173	87828	52.823	ug/l	100
73) Isopropylbenzene	11.00	105	460198	48.203	ug/l	100
74) N-amyl acetate	10.88	43	191441	43.770	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	110594	63.079	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	138477m	46.764	ug/l	
77) Bromobenzene	11.24	156	119519	48.181	ug/l	100
78) n-propylbenzene	11.34	91	519003	46.841	ug/l	100
79) 2-Chlorotoluene	11.40	91	306223	46.735	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	385166	47.809	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	58033	46.993	ug/l	100
82) 4-Chlorotoluene	11.49	91	366261	47.292	ug/l	100
83) tert-Butylbenzene	11.76	119	327127	47.141	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	383354	47.165	ug/l	100
85) sec-Butylbenzene	11.93	105	419132	45.147	ug/l	100
86) p-Isopropyltoluene	12.05	119	385690	44.857	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	206406	46.582	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	209968	46.660	ug/l	100
89) n-Butylbenzene	12.37	91	329162	42.139	ug/l	100
90) Hexachloroethane	12.58	117	70376	47.353	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	205253	47.866	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	35364	45.279	ug/l	100

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052620\
Data File : VX016423.D
Acq On : 26 May 2020 13:39
Operator : JC/SP
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

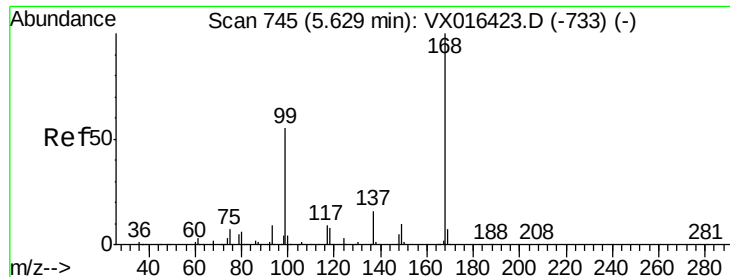
Manual Integrations
APPROVED

MMDadoda
5/27/2020 12:27:20 PM

Quant Time: May 26 16:06:29 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052620W.M
Quant Title : SW846 8260
QLast Update : Tue May 26 15:50:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	128421	41.302	ug/l	100
94) Hexachlorobutadiene	13.77	225	44611	32.085	ug/l	100
95) Naphthalene	13.82	128	473443	46.493	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	125861	41.614	ug/l	100

(#) = 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: VX016423.D

Acq: 26 May 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 164354

Ion Ratio Lower Upper

168 100

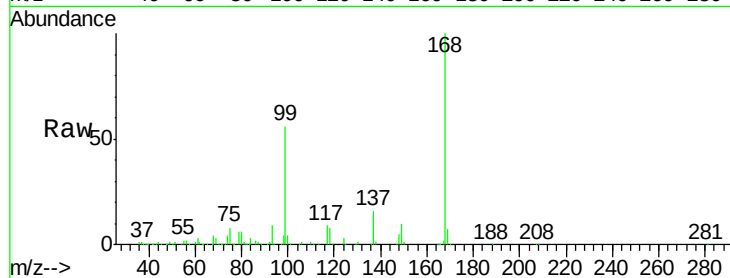
99 55.5 44.4 66.6

Manual Integrations

APPROVED

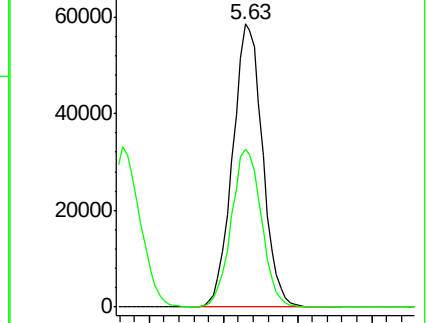
MMDadoda

5/27/2020 12:27:20 PM

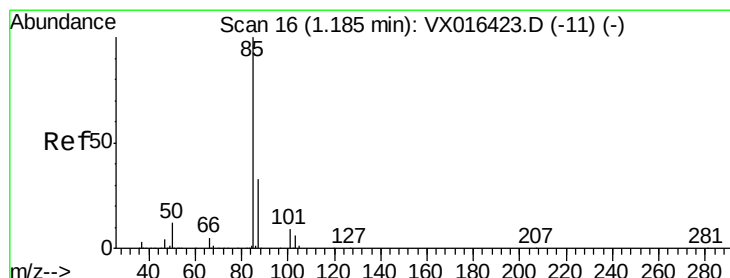
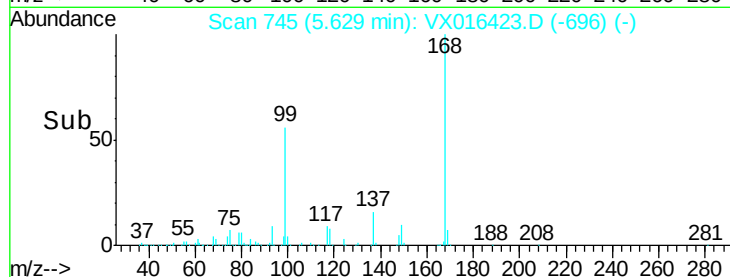


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



Time-->



#2

Dichlorodifluoromethane

Concen: 40.246 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016423.D

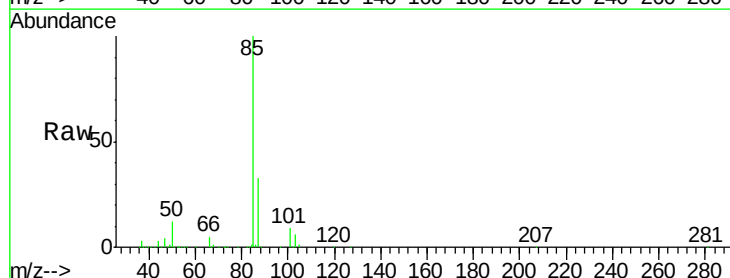
Acq: 26 May 2020 13:39

Tgt Ion: 85 Resp: 67101

Ion Ratio Lower Upper

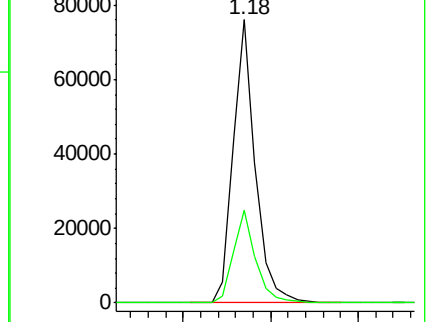
85 100

87 32.8 16.4 49.2

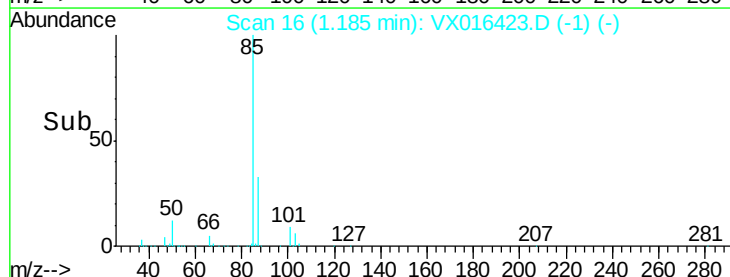


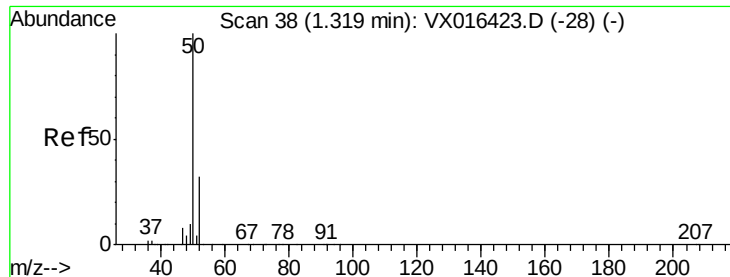
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0



Time-->





#3

Chloromethane

Concen: 42.721 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 84064

Ion Ratio Lower Upper

50 100

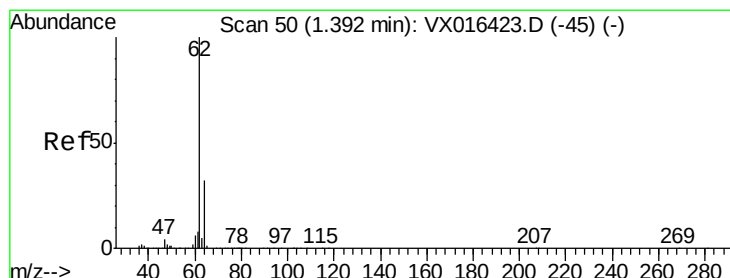
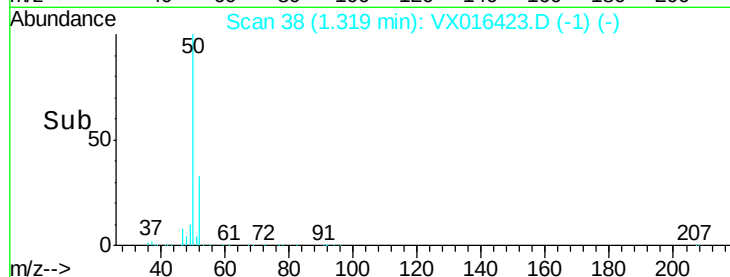
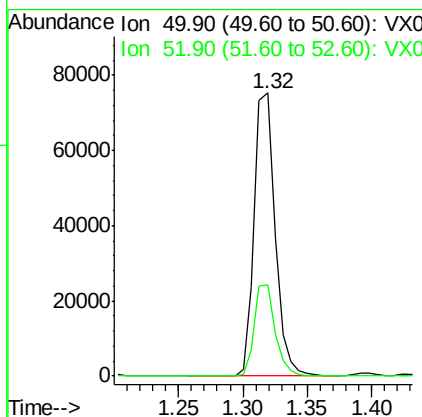
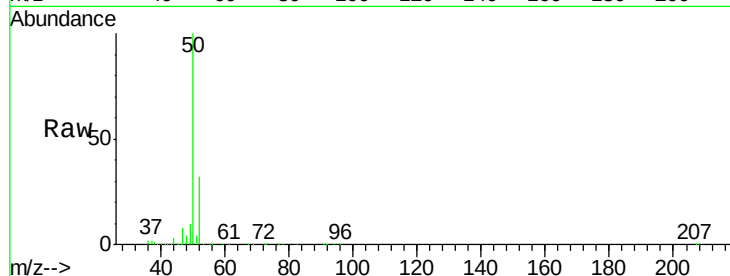
52 32.4 25.9 38.9

Manual Integrations

APPROVED

MMDadoda

5/27/2020 12:27:20 PM



#4

Vinyl Chloride

Concen: 50.960 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016423.D

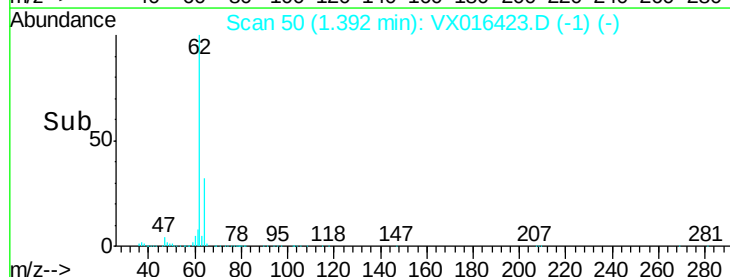
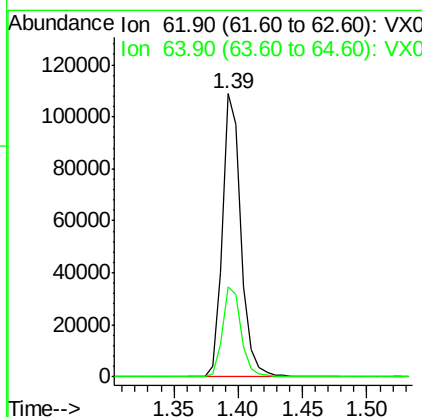
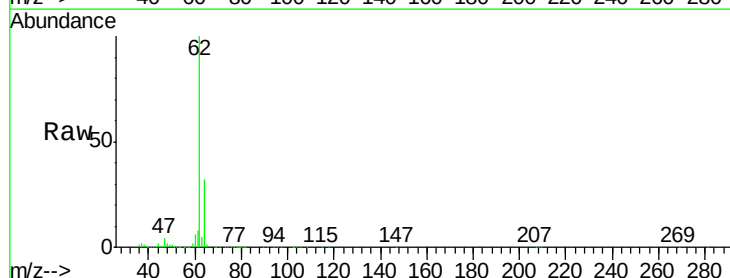
Acq: 26 May 2020 13:39

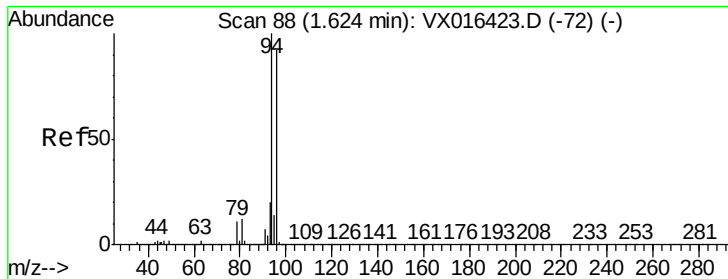
Tgt Ion: 62 Resp: 110647

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.0





#5

Bromomethane

Concen: 95.197 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 134703

Ion Ratio Lower Upper

94 100

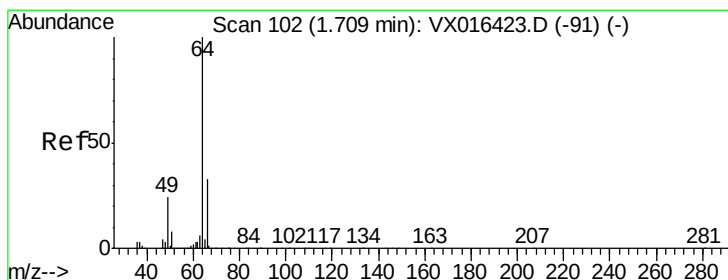
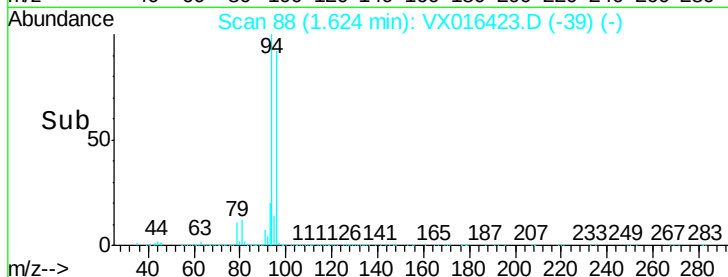
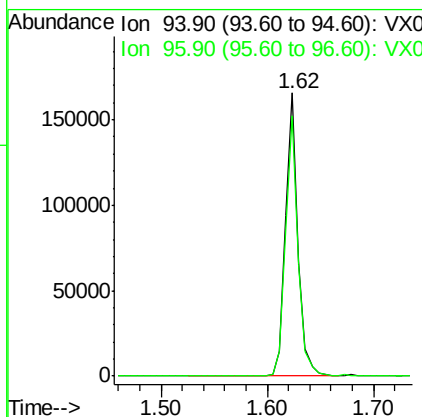
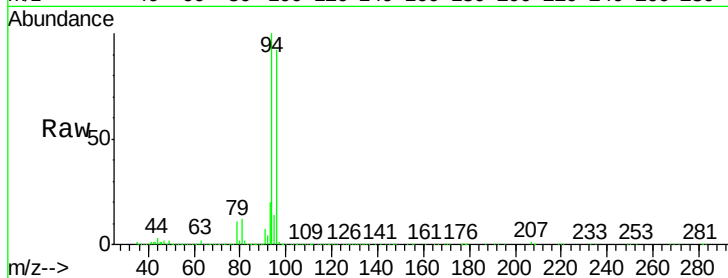
96 92.1 73.7 110.5

Manual Integrations

APPROVED

MMDadoda

5/27/2020 12:27:20 PM



#6

Chloroethane

Concen: 57.499 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX016423.D

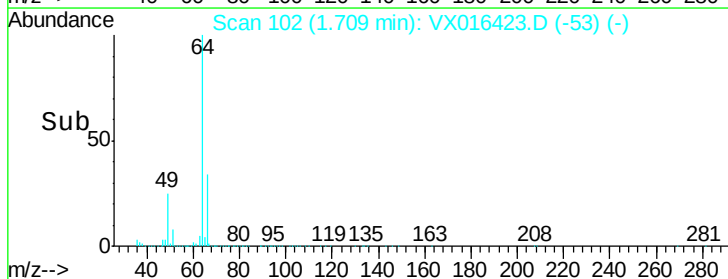
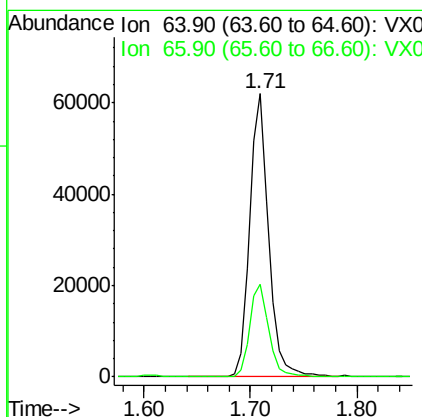
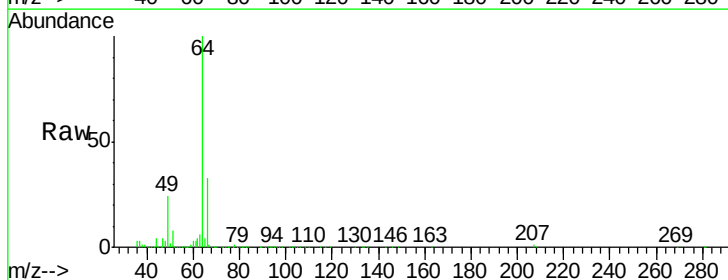
Acq: 26 May 2020 13:39

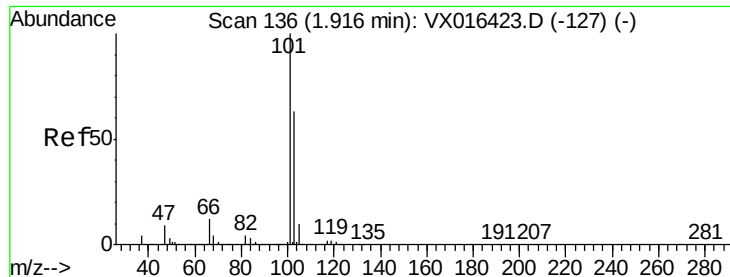
Tgt Ion: 64 Resp: 77512

Ion Ratio Lower Upper

64 100

66 32.5 26.0 39.0





#7

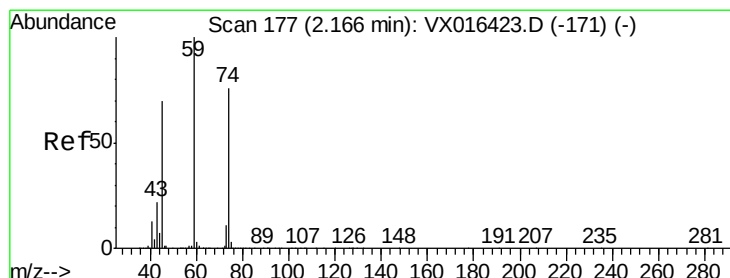
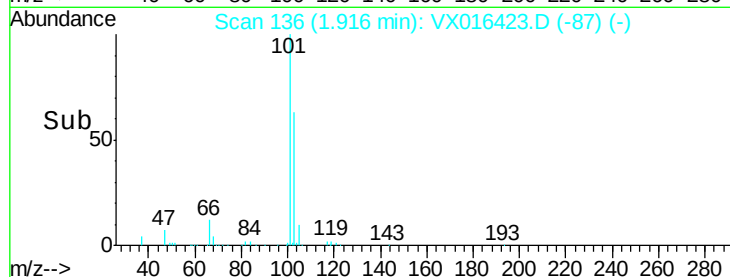
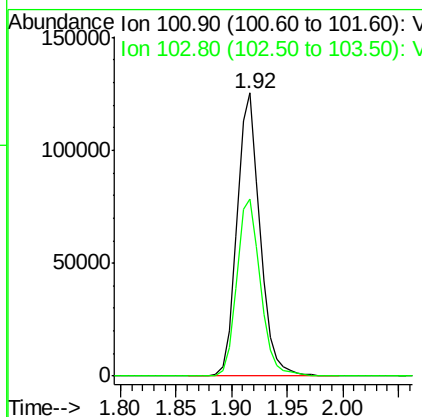
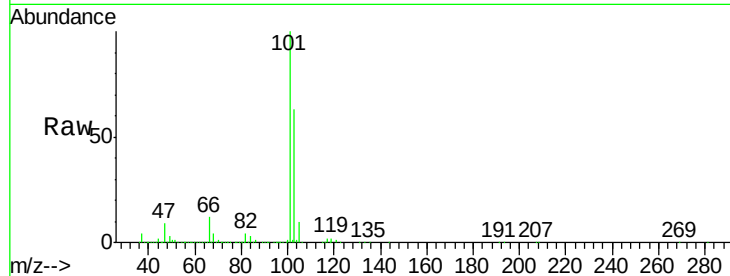
Trichlorofluoromethane
Concen: 60.534 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		178778		
103	62.6	50.1	75.1		

Manual Integrations
APPROVED

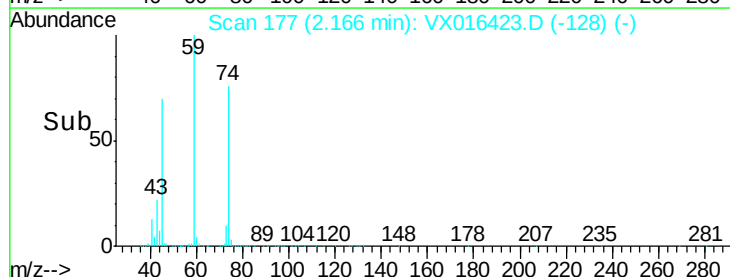
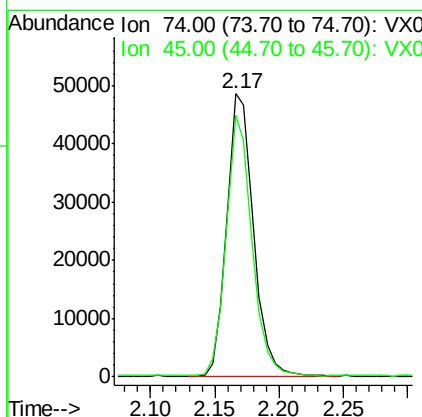
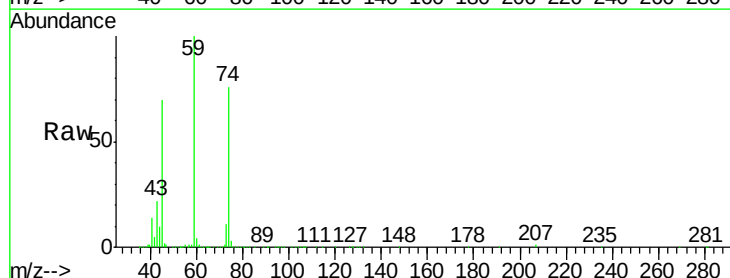
MMDadoda
5/27/2020 12:27:20 PM

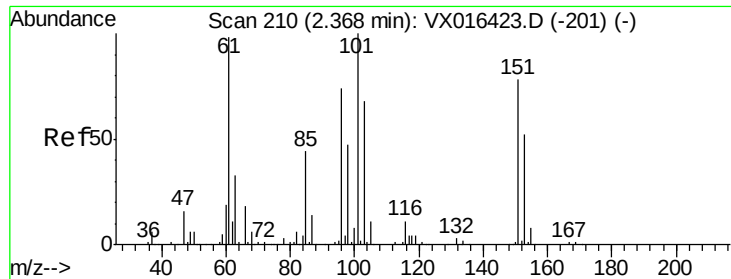


#8

Diethyl Ether
Concen: 57.548 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		71087		
45	88.8	44.4	133.2		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.877 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Instrument :

MSVOA_X

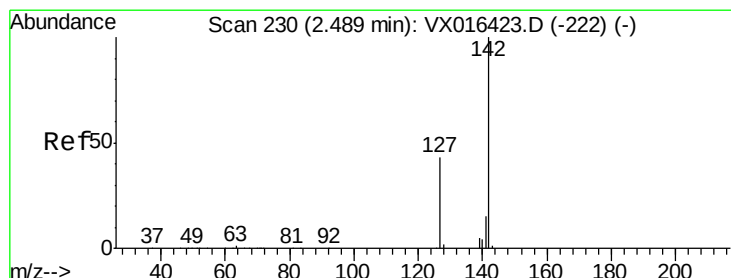
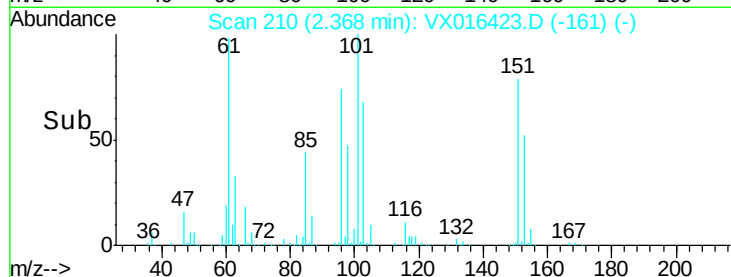
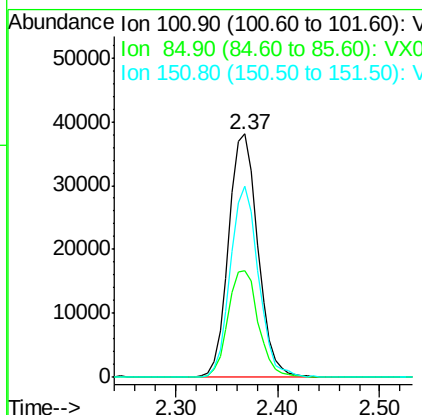
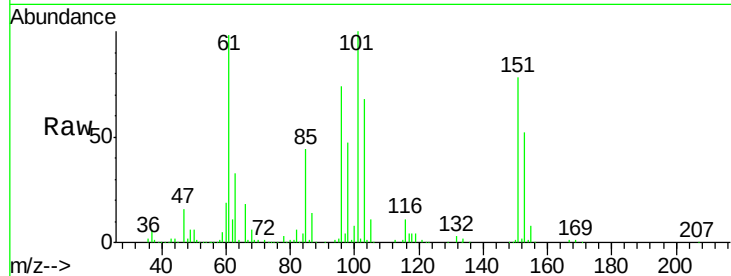
ClientSampled :

VSTDICCC050

Tot Ion:	101	Resp:	75623
Ion Ratio	Lower	Upper	
101	100		
85	45.3	36.2	54.4
151	75.5	60.4	90.6

Manual Integrations
APPROVED

MMDadoda
5/27/2020 12:27:20 PM



#10

Methyl Iodide

Concen: 40.697 ug/l

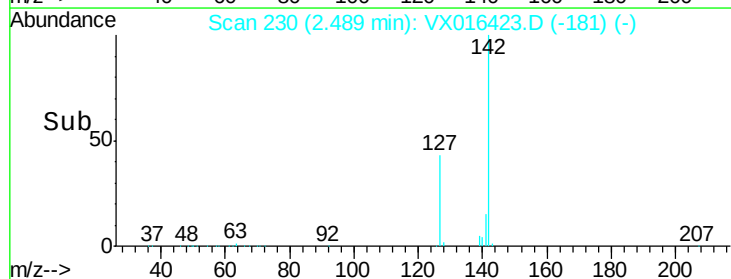
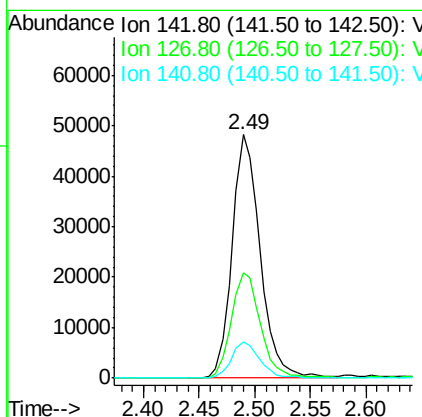
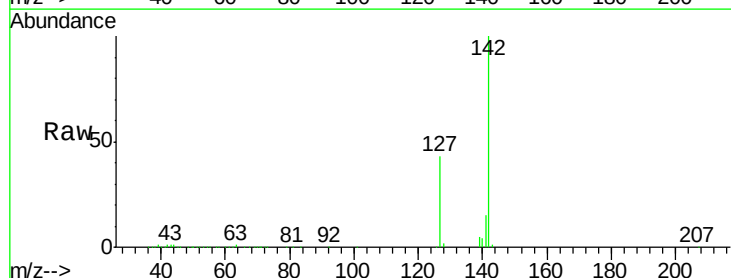
RT: 2.49 min Scan# 230

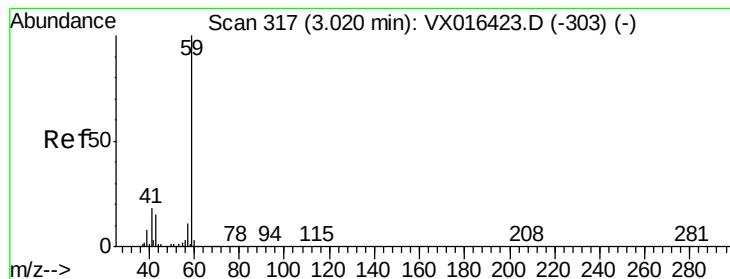
Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Tgt Ion:	142	Resp:	84380
Ion Ratio	Lower	Upper	
142	100		
127	45.3	36.2	54.4
141	15.2	12.2	18.2





#11

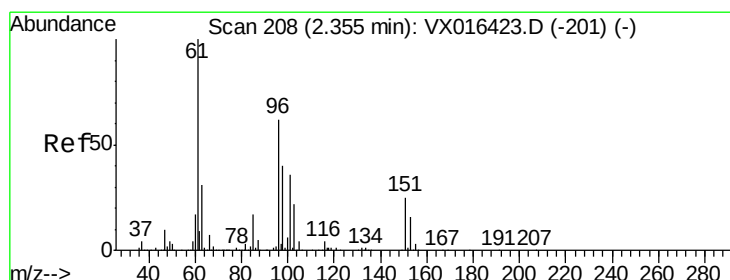
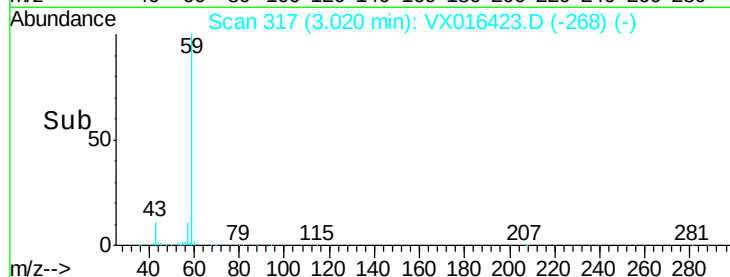
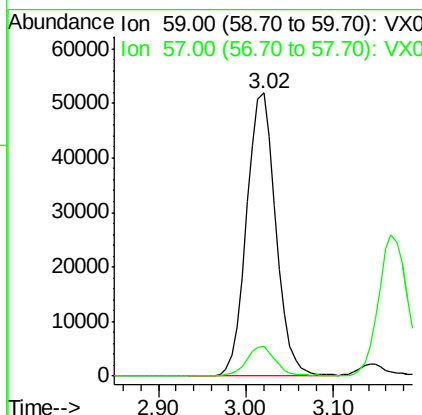
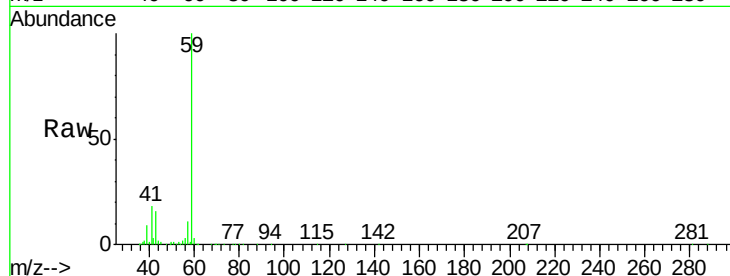
Tert butyl alcohol
Concen: 225.603 ug/l
RT: 3.02 min Scan# 317
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.5	12.7

Manual Integrations
APPROVED

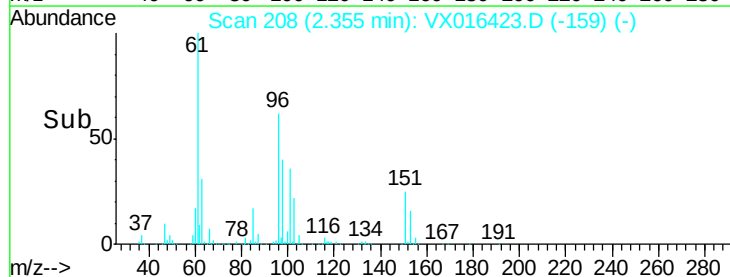
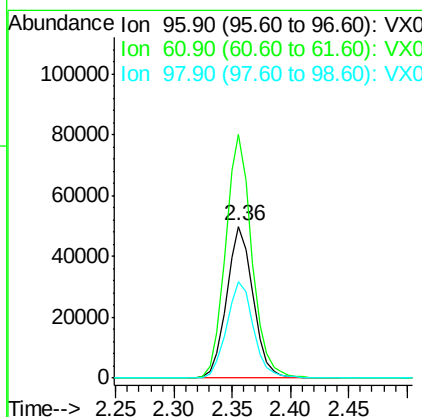
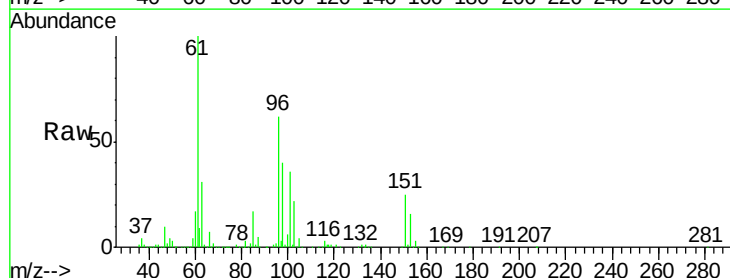
MMDadoda
5/27/2020 12:27:20 PM

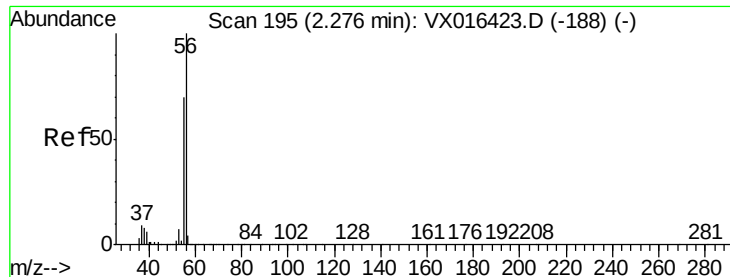


#12

1,1-Dichloroethene
Concen: 46.205 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.3	128.2	192.4
98	63.5	50.8	76.2





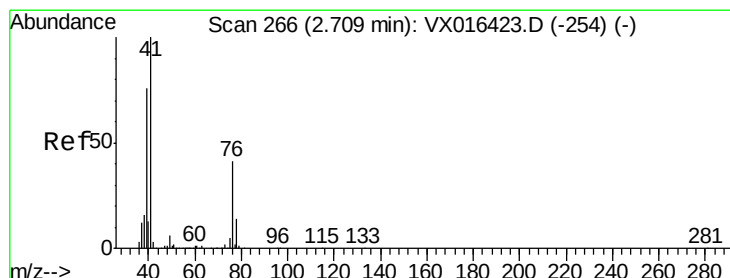
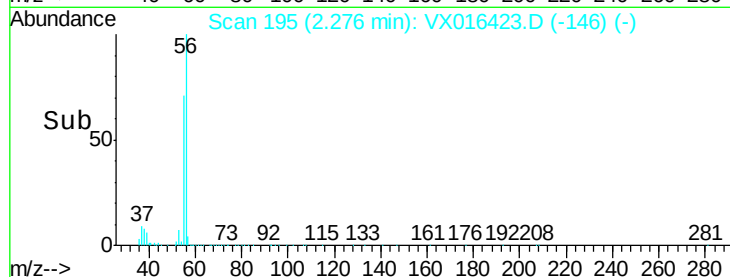
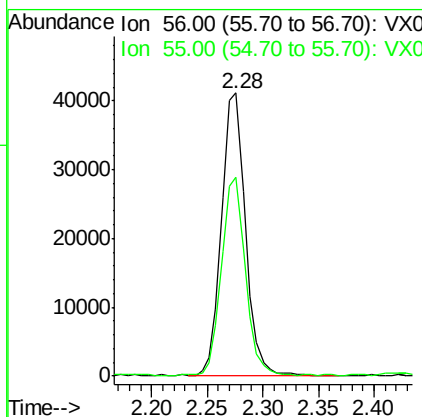
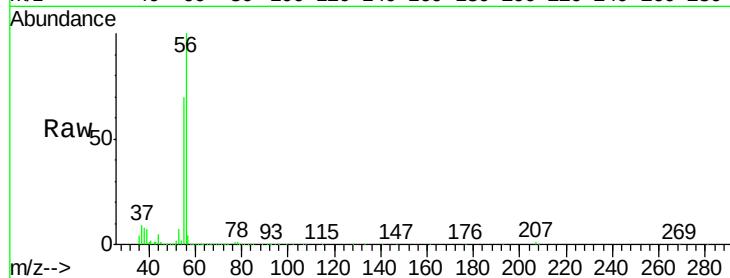
#13
Acrolein
Concen: 188.280 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.6	56.5	84.7

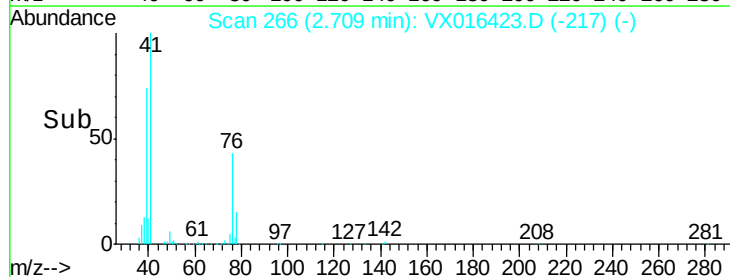
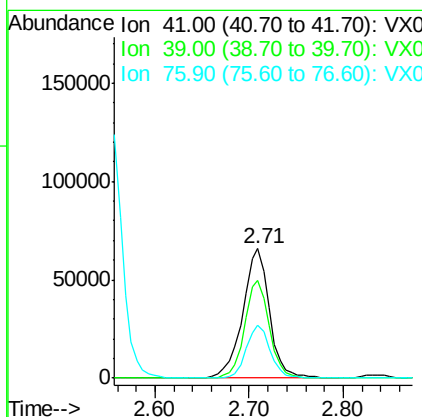
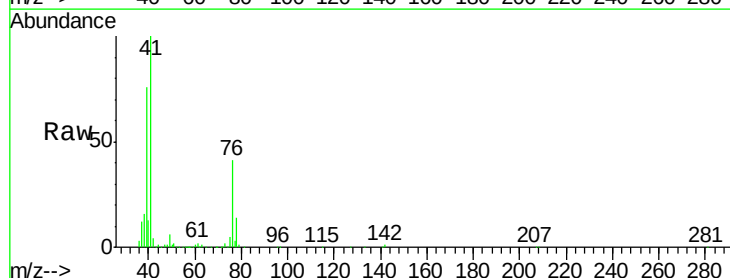
Manual Integrations
APPROVED

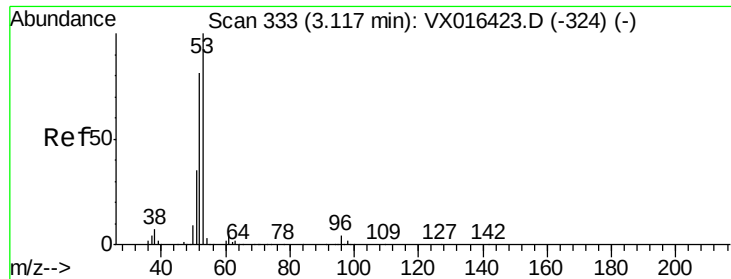
MMDadoda
5/27/2020 12:27:20 PM



#14
Allyl chloride
Concen: 42.520 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Tgt Ion	Ratio	Lower	Upper
41	100		
39	69.8	55.8	83.8
76	37.0	29.6	44.4





#15

Acrylonitrile

Concen: 222.467 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Instrument :

MSVOA_X

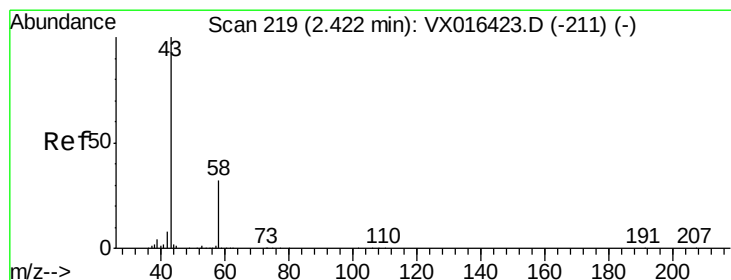
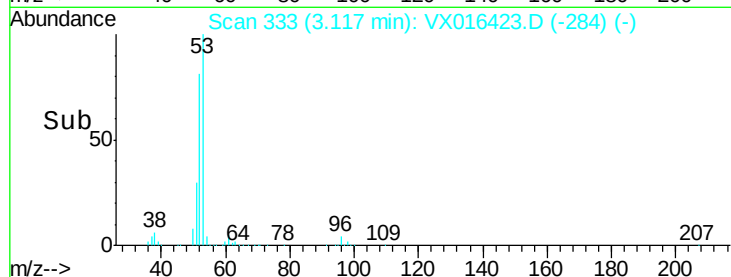
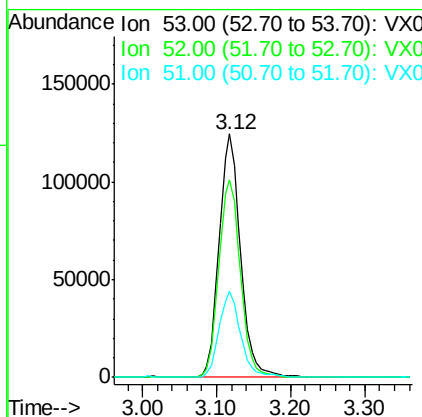
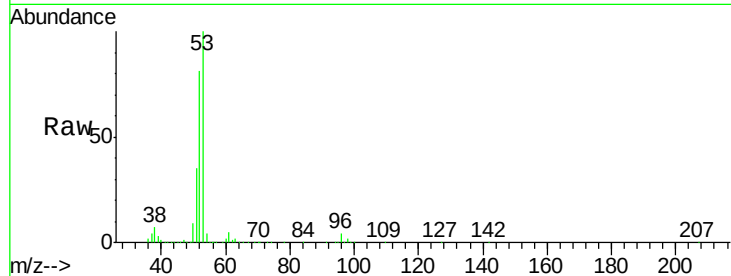
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	247486
Ion Ratio	Lower	Upper	
53	100		
52	81.8	65.4	98.2
51	35.5	28.4	42.6

Manual Integrations
APPROVED

MMDadoda
5/27/2020 12:27:20 PM



#16

Acetone

Concen: 223.743 ug/l

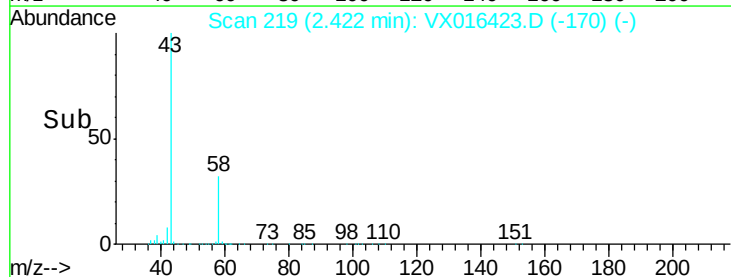
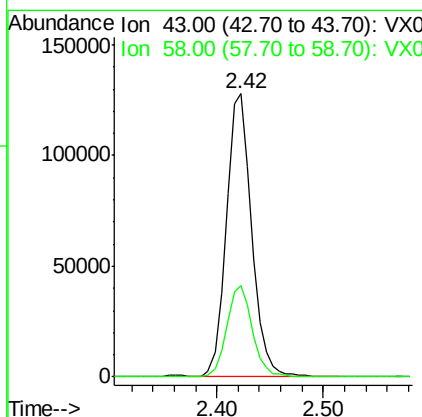
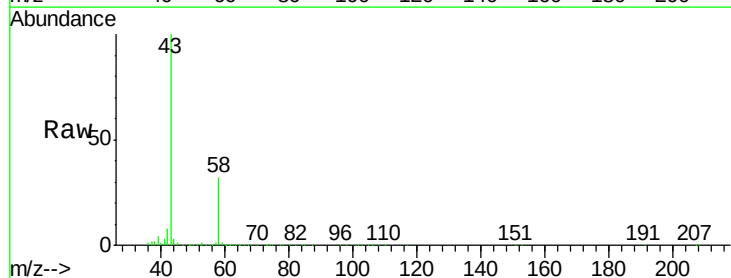
RT: 2.42 min Scan# 219

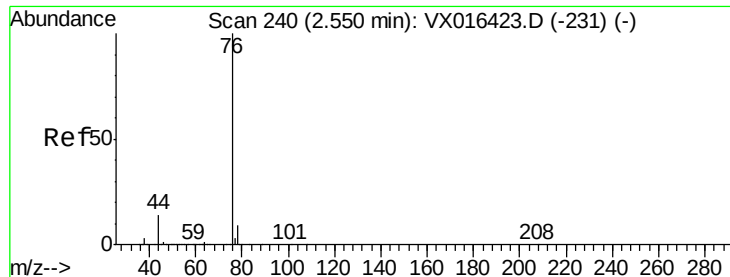
Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Tgt Ion:	43	Resp:	211930
Ion Ratio	Lower	Upper	
43	100		
58	32.5	26.0	39.0





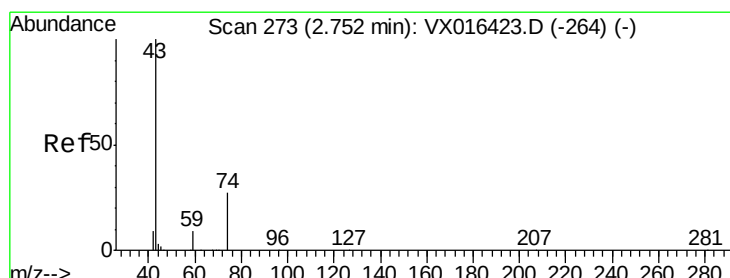
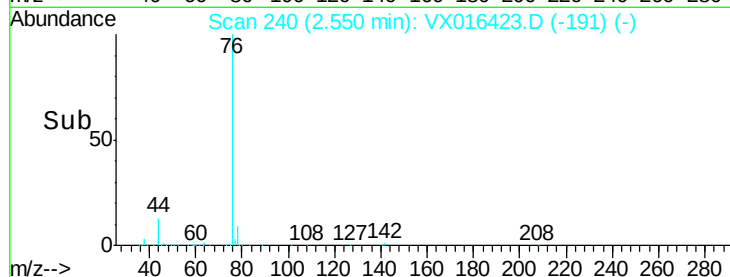
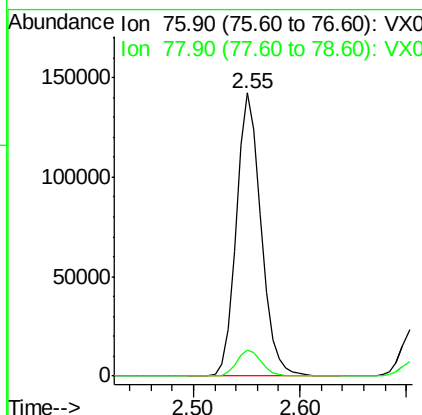
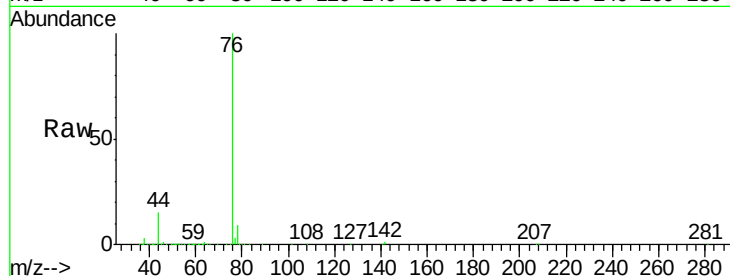
#17
Carbon Disulfide
Concen: 40.526 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.0

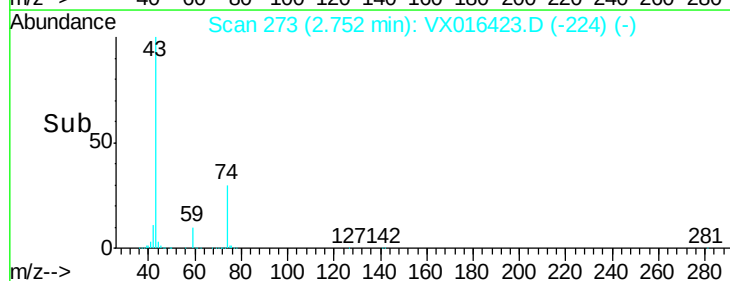
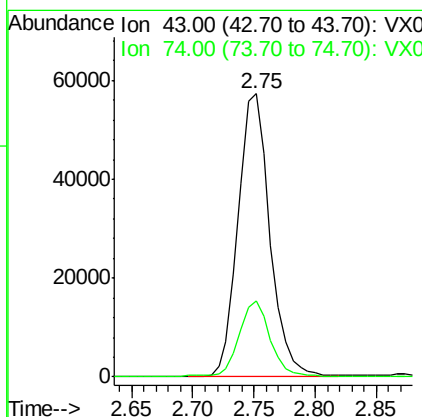
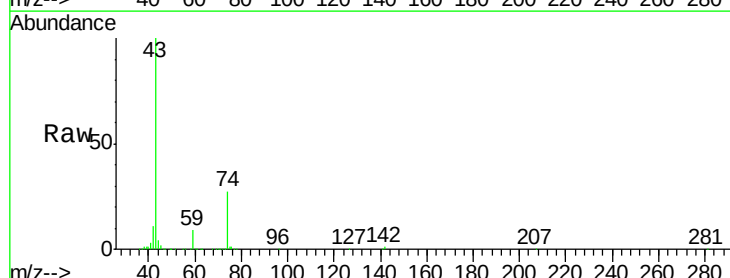
Manual Integrations
APPROVED

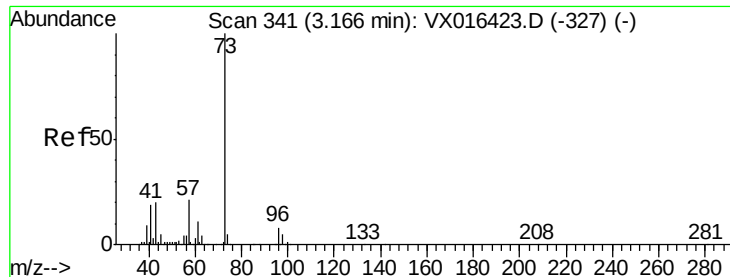
MMDadoda
5/27/2020 12:27:20 PM



#18
Methyl Acetate
Concen: 44.351 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.6	21.3	31.9





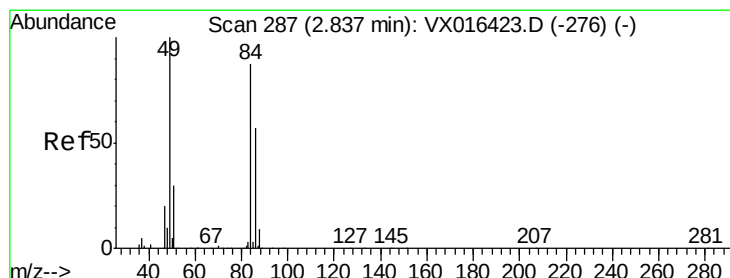
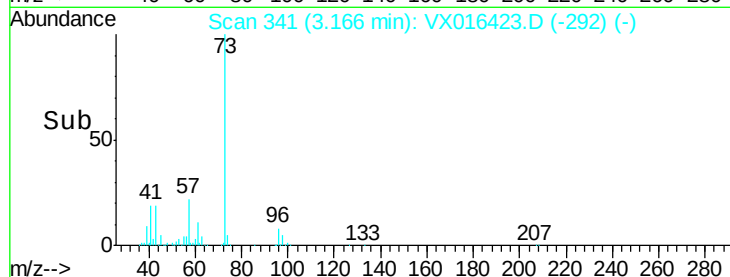
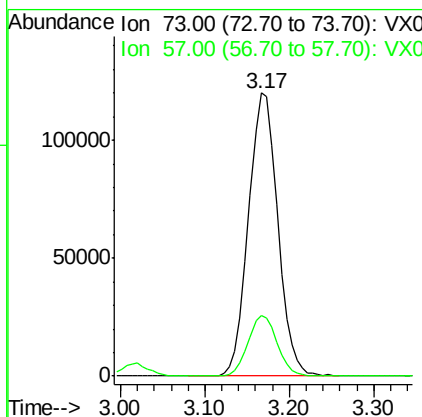
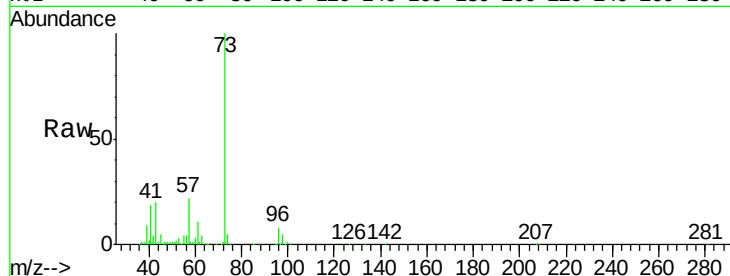
#19
Methvl tert-butvl Ether
Concen: 48.465 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	17.3	25.9

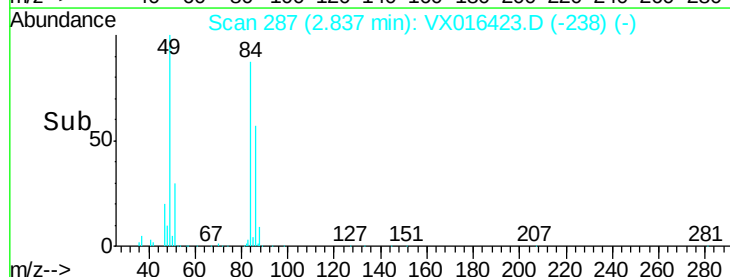
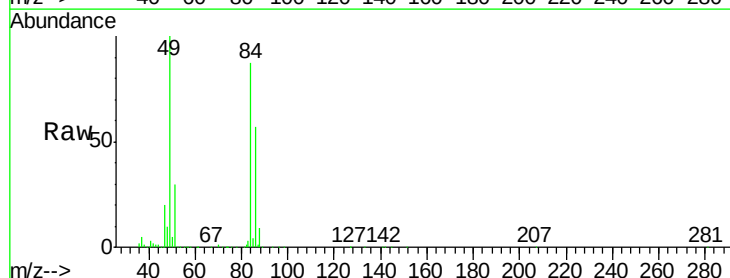
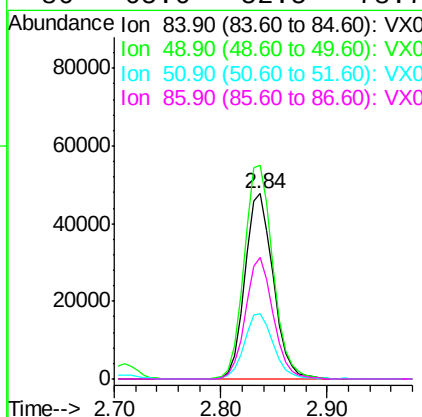
Manual Integrations
APPROVED

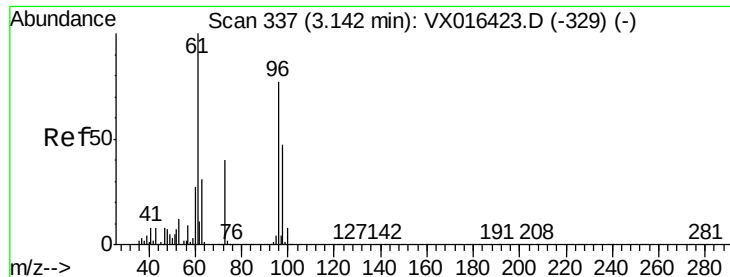
MMDadoda
5/27/2020 12:27:20 PM



#20
Methylene Chloride
Concen: 45.325 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.3	92.2	138.4
51	34.8	27.8	41.8
86	65.6	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 47.842 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Instrument :

MSVOA_X

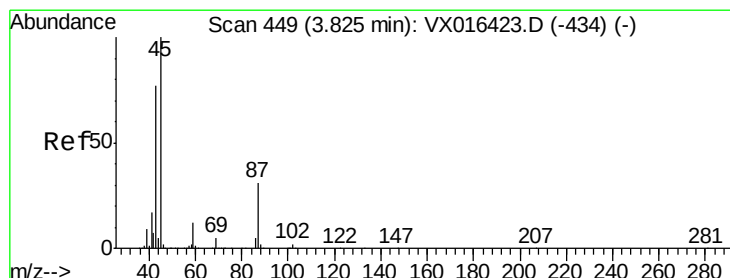
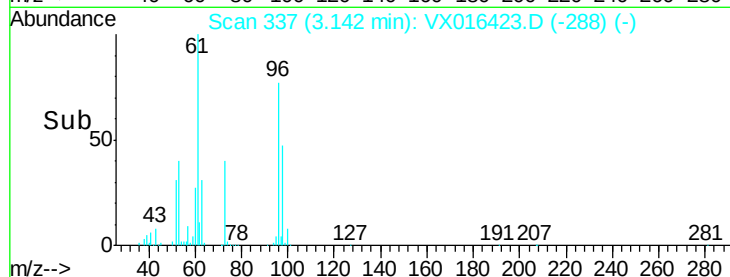
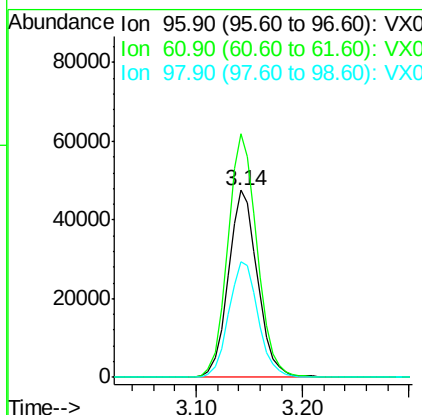
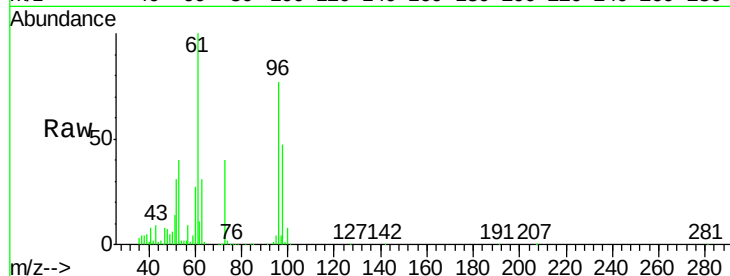
ClientSampleId :

VSTDICCC050

Tot Ion:	96	Resp:	91223
Ion	Ratio	Lower	Upper
96	100		
61	130.4	104.3	156.5
98	61.7	49.4	74.0

Manual Integrations
APPROVED

MMDadoda
5/27/2020 12:27:20 PM



#22

Diisopropyl ether

Concen: 46.338 ug/l

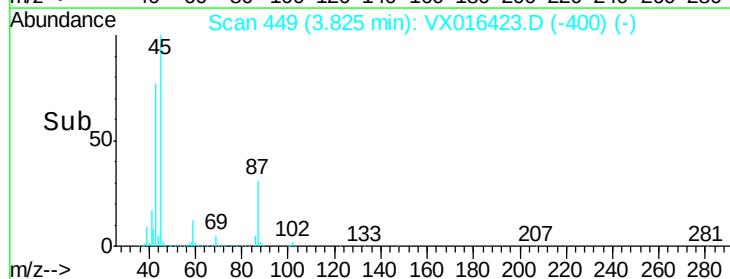
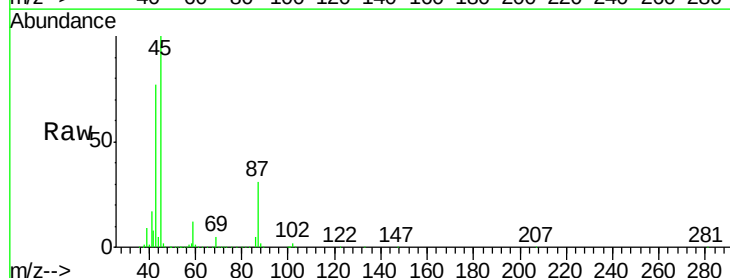
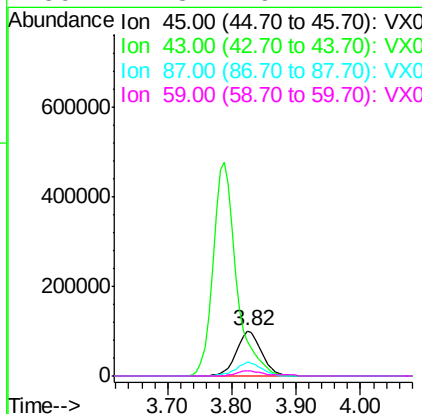
RT: 3.82 min Scan# 449

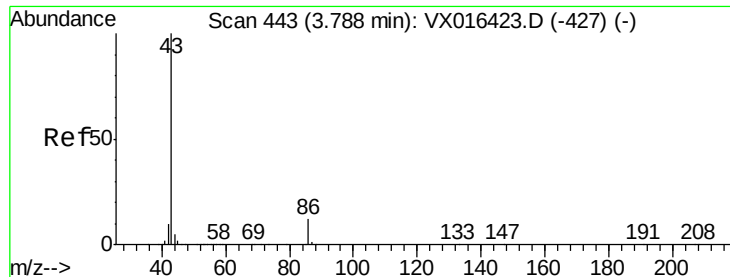
Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Tgt Ion:	45	Resp:	270391
Ion	Ratio	Lower	Upper
45	100		
43	76.8	61.4	92.2
87	30.5	24.4	36.6
59	11.8	9.4	14.2





#23

Vinyl Acetate

Concen: 236.454 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Tot Ion: 43 Resp: 1211657

Ion Ratio Lower Upper

43 100

86 12.3 9.8 14.8

Instrument :

MSVOA_X

ClientSampleId :

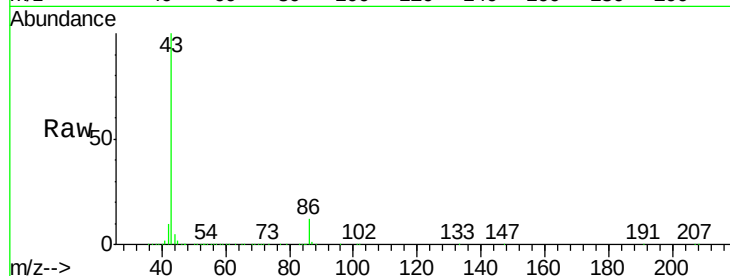
VSTDICCC050

Manual Integrations

APPROVED

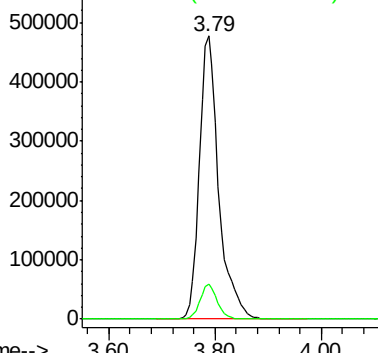
MMDadoda

5/27/2020 12:27:20 PM

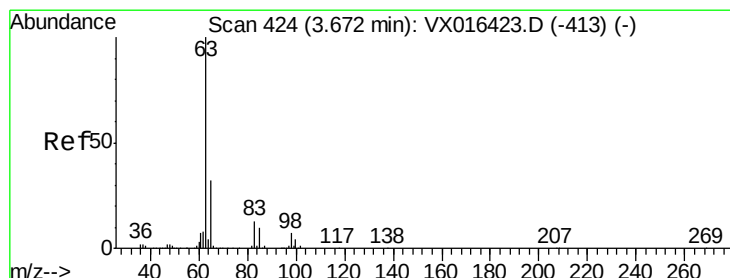
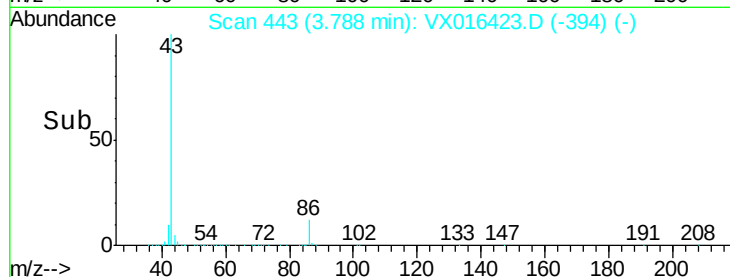


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 47.982 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

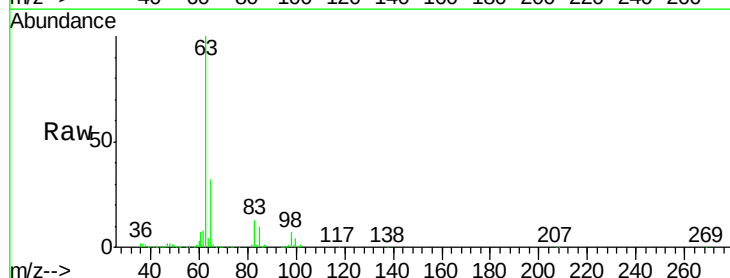
Tgt Ion: 63 Resp: 157664

Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

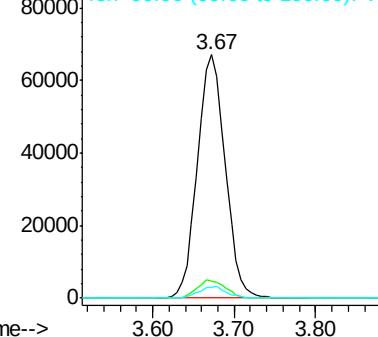
100 4.3 2.1 6.5



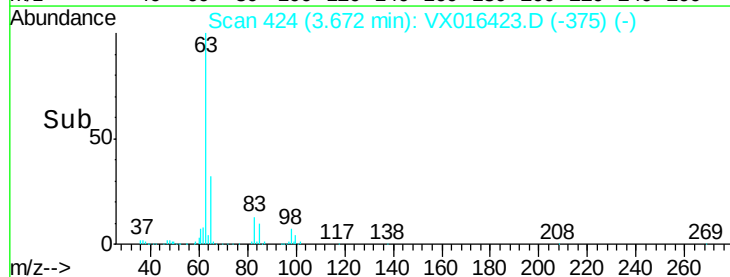
Abundance Ion 62.90 (62.60 to 63.60): VX0

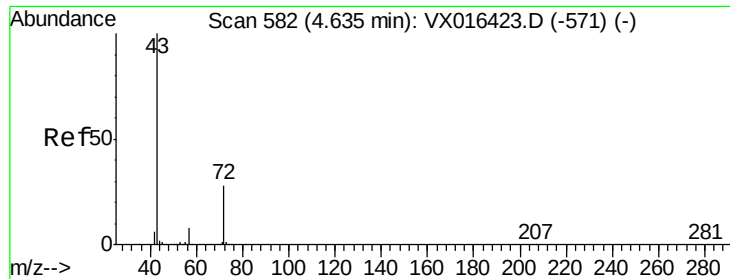
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 232.067 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 354629

Ion Ratio Lower Upper

43 100

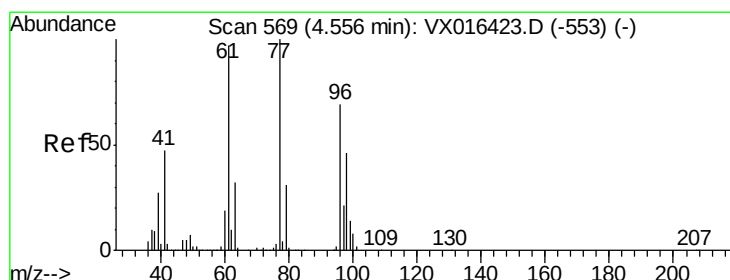
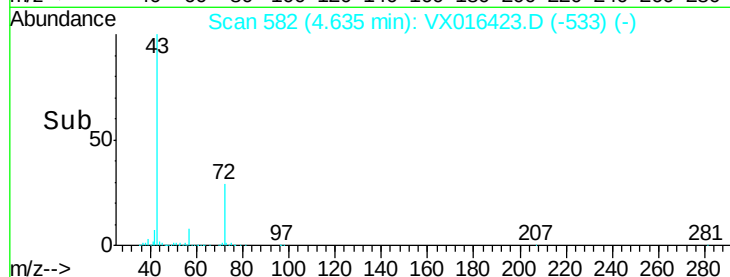
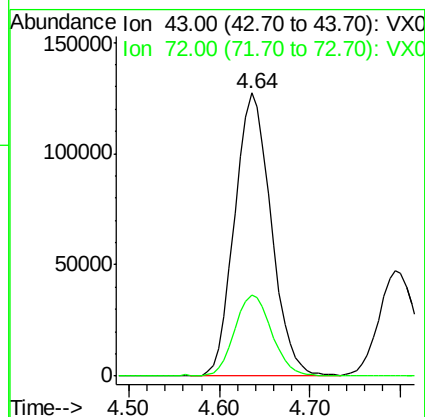
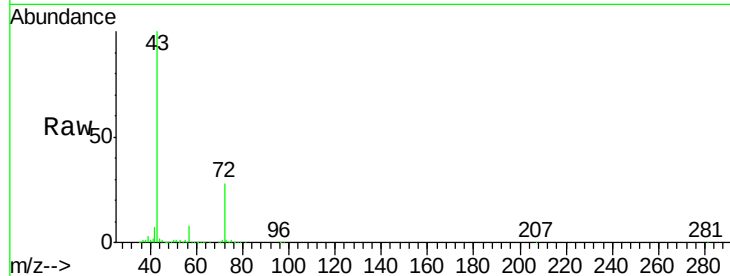
72 28.4 22.7 34.1

Manual Integrations

APPROVED

MMDadoda

5/27/2020 12:27:20 PM



#26

2,2-Dichloropropane

Concen: 47.814 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.00 min

Lab File: VX016423.D

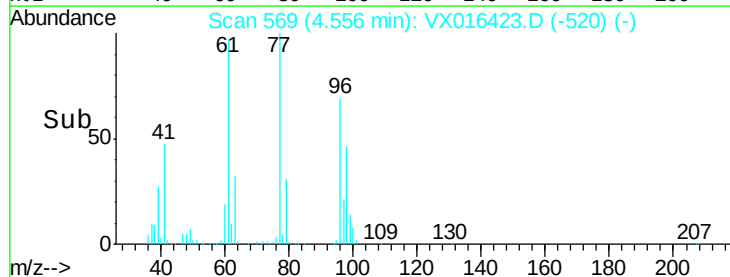
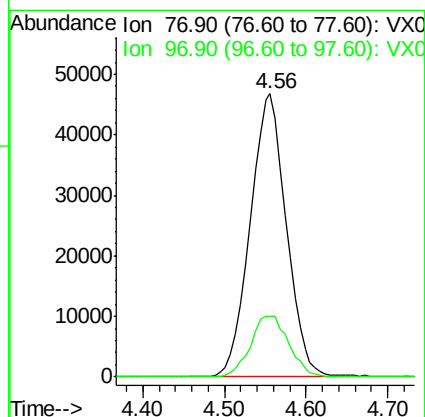
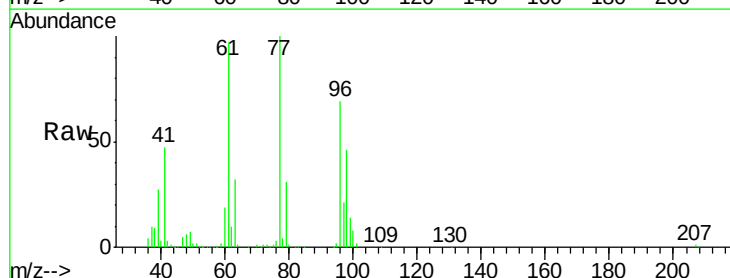
Acq: 26 May 2020 13:39

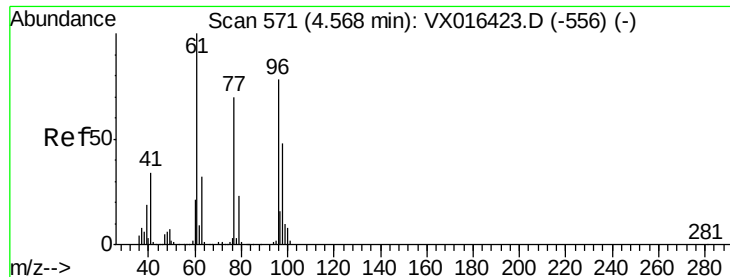
Tgt Ion: 77 Resp: 143835

Ion Ratio Lower Upper

77 100

97 23.0 11.5 34.5





#27

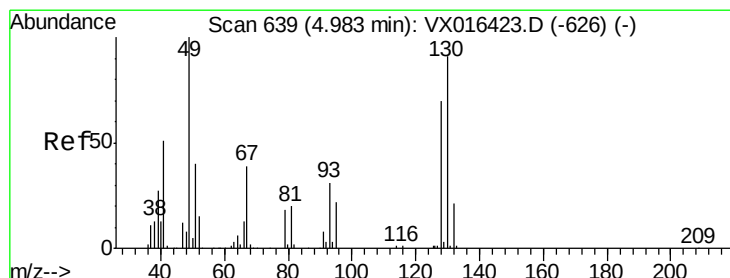
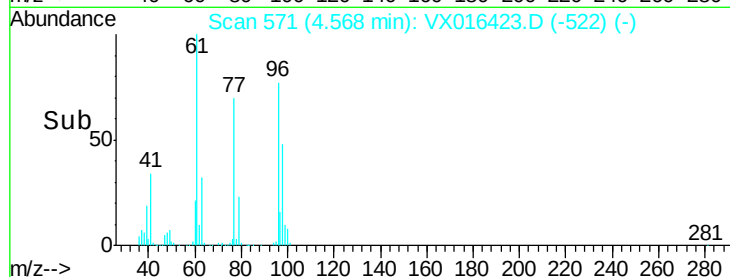
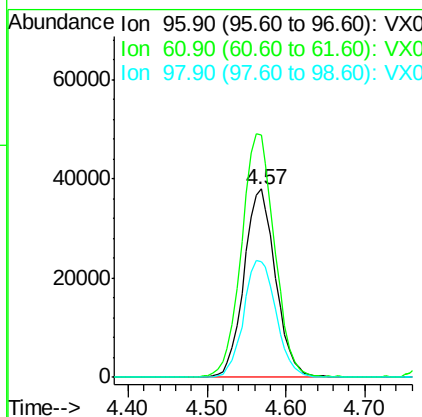
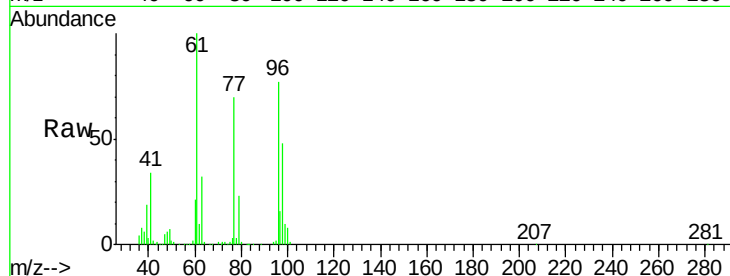
cis-1,2-Dichloroethene
Concen: 50.510 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	105674		
61	135.5		0.0	271.0
98	63.8		0.0	127.6

Manual Integrations
APPROVED

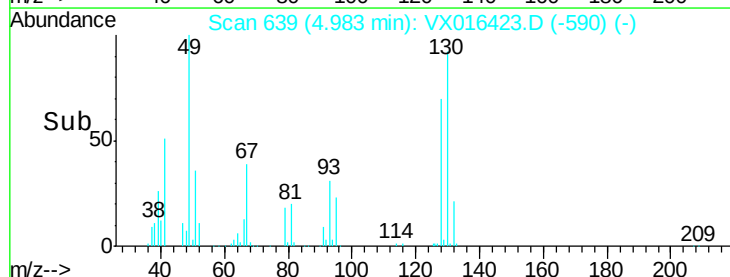
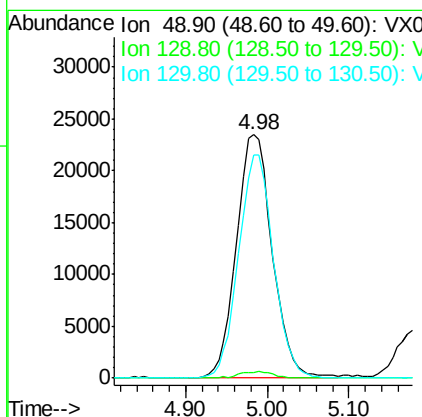
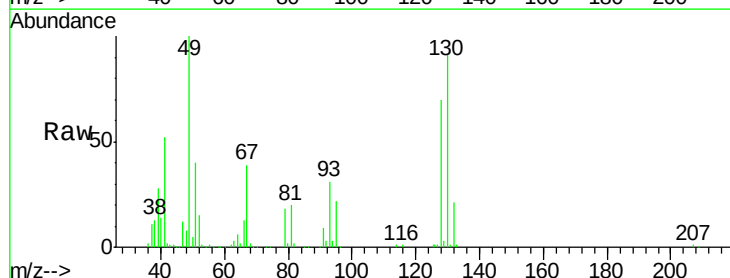
MMDadoda
5/27/2020 12:27:20 PM

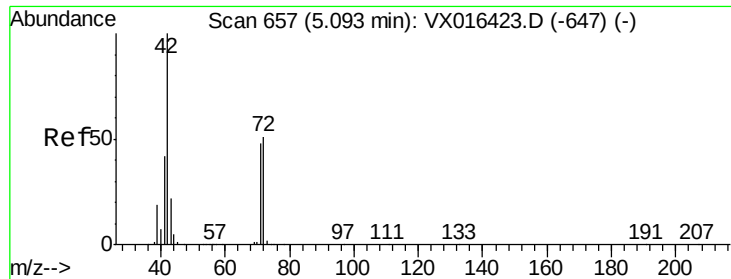


#28

Bromochloromethane
Concen: 47.830 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	71987		
129	2.4		0.0	4.8
130	89.0		71.2	106.8





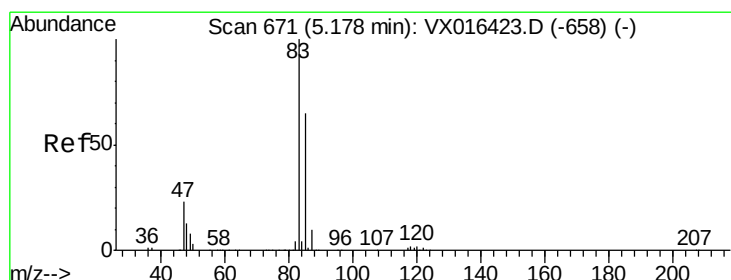
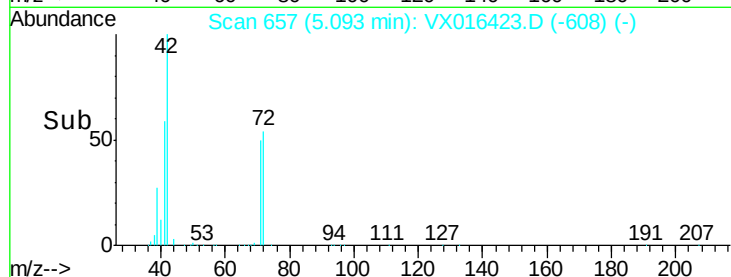
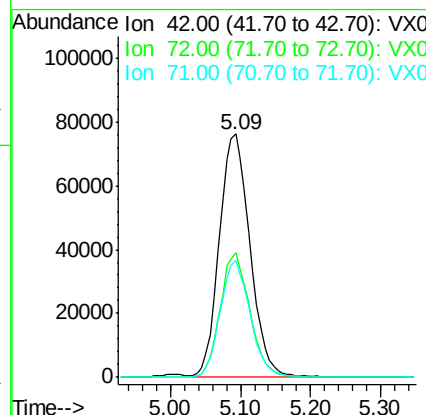
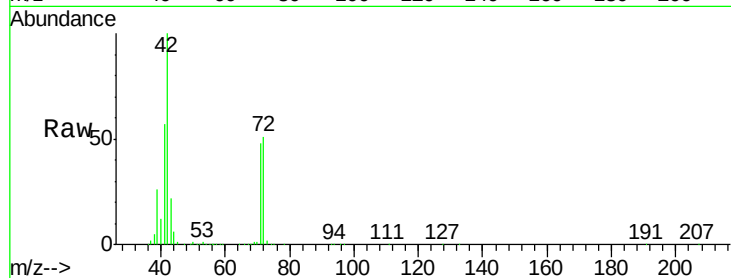
#29
Tetrahydrofuran
Concen: 228.115 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.3	40.2	60.4
71	47.1	37.7	56.5

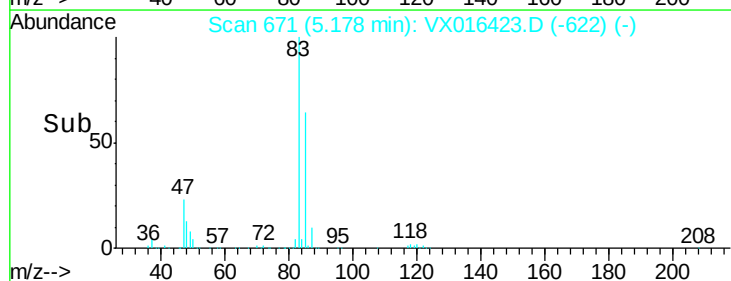
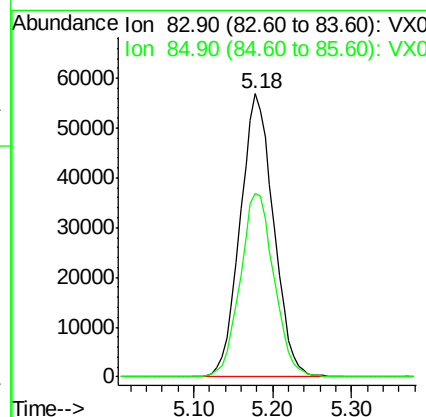
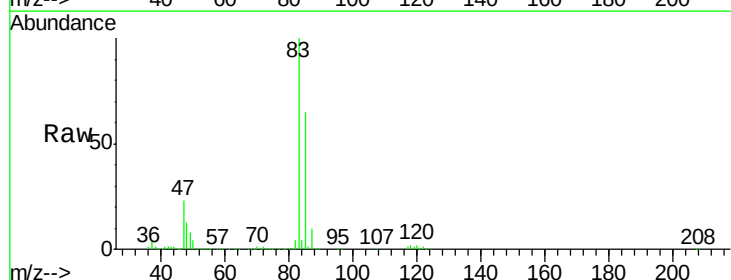
Manual Integrations
APPROVED

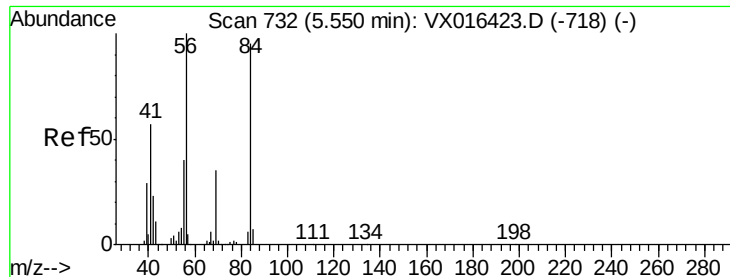
MMDadoda
5/27/2020 12:27:20 PM



#30
Chloroform
Concen: 50.763 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.1	78.1





#31

Cyclohexane

Concen: 45.804 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Instrument :

MSVOA_X

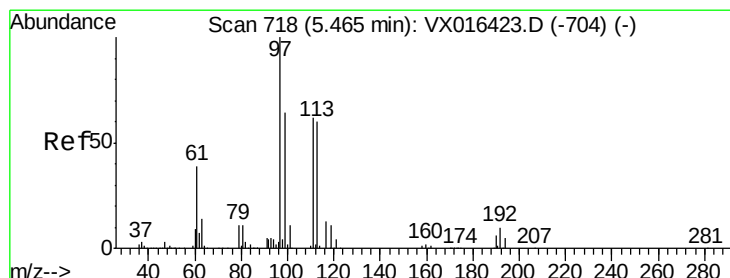
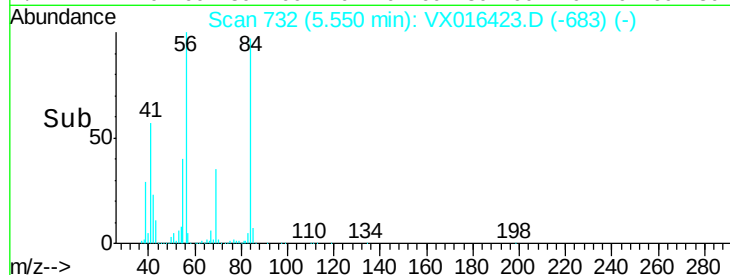
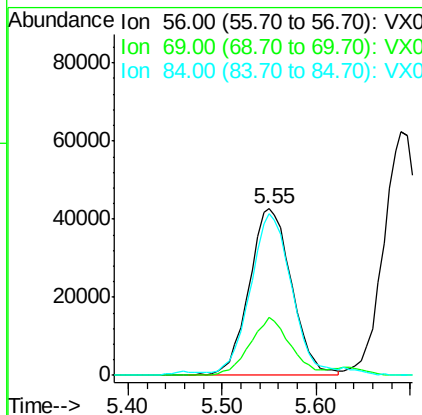
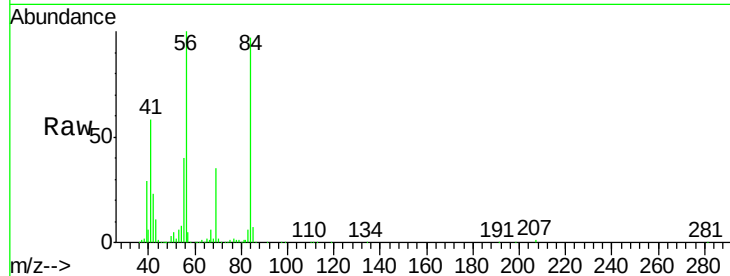
ClientSampleId :

VSTDICCC050

Tot Ion:	56	Resp:	134451
Ion	Ratio	Lower	Upper
56	100		
69	34.6	27.7	41.5
84	95.1	76.1	114.1

Manual Integrations
APPROVED

MMDadoda
5/27/2020 12:27:20 PM



#32

1,1,1-Trichloroethane

Concen: 51.455 ug/l

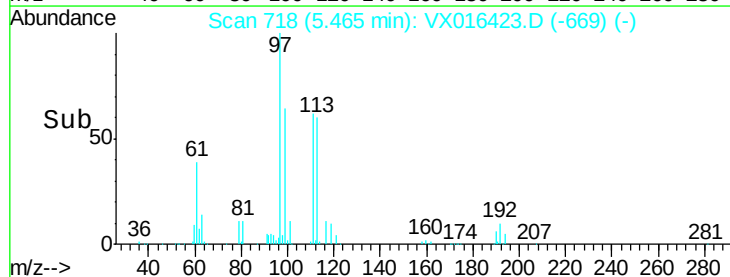
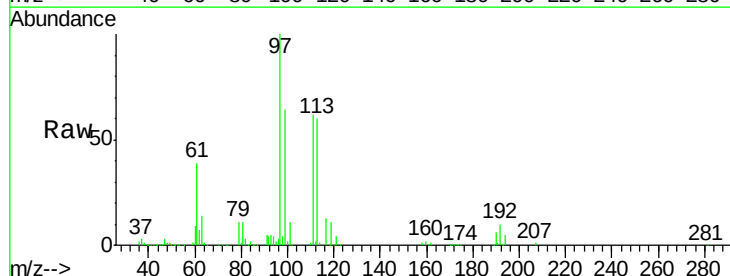
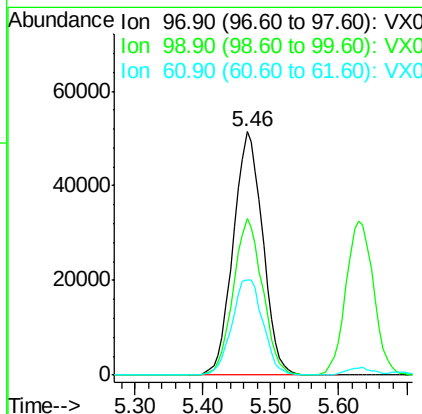
RT: 5.46 min Scan# 718

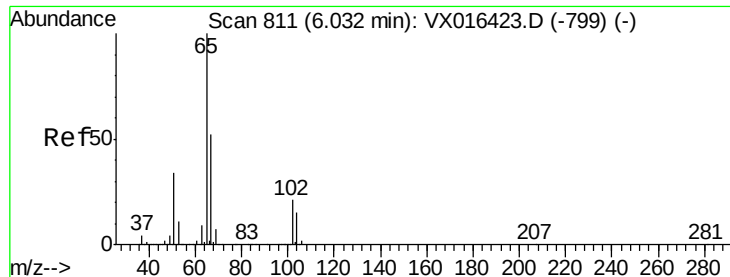
Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Tgt Ion:	97	Resp:	155005
Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.1	76.7
61	41.4	33.1	49.7





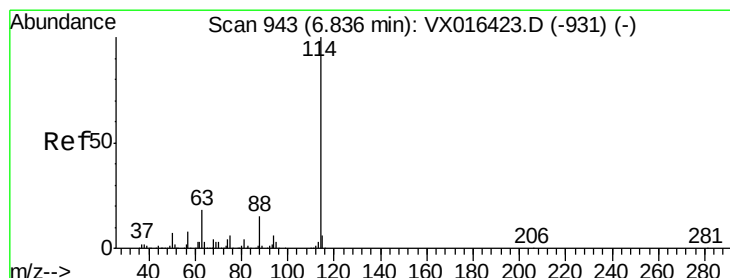
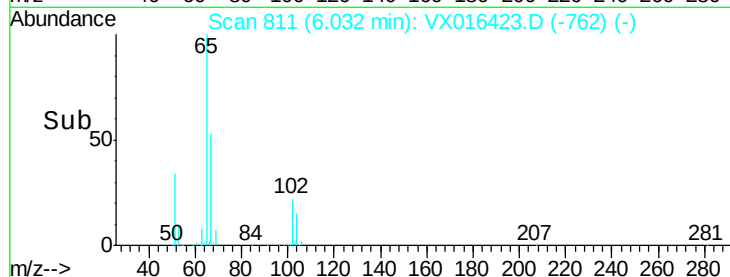
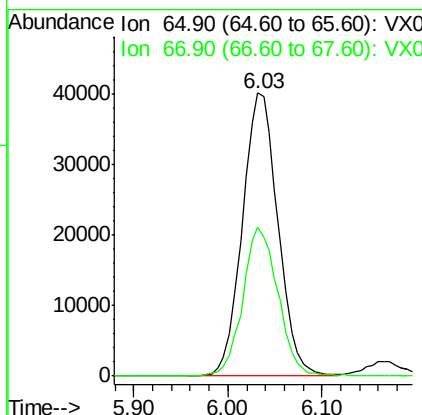
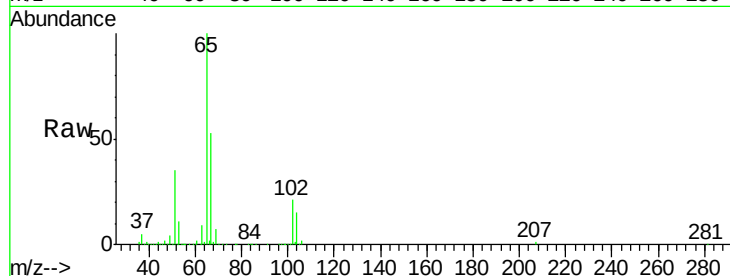
#33
 1,2-Dichloroethane-d4
 Concen: 48.779 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016423.D
 Acq: 26 May 2020 13:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.1	0.0	104.2	

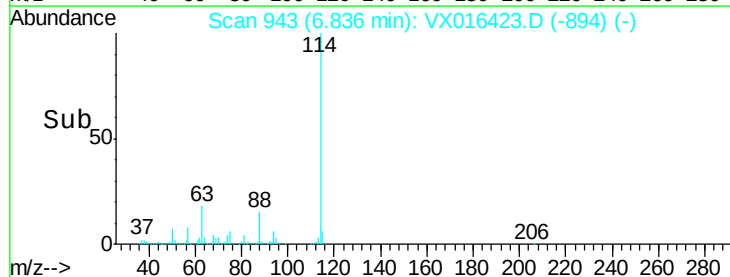
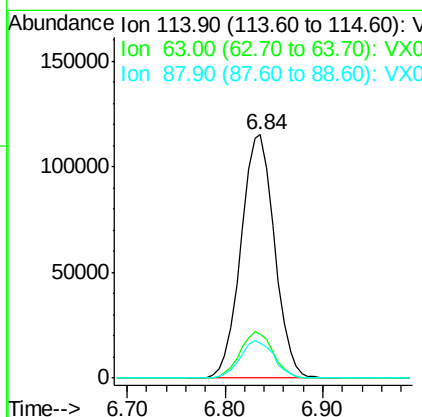
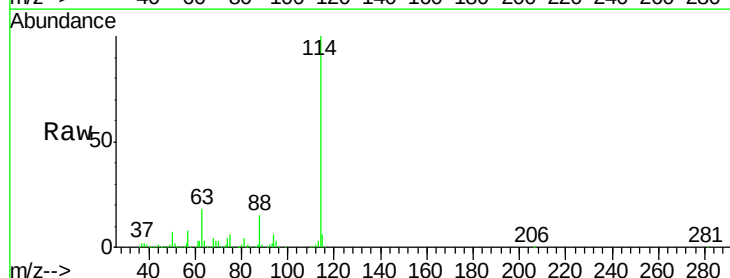
Manual Integrations
 APPROVED

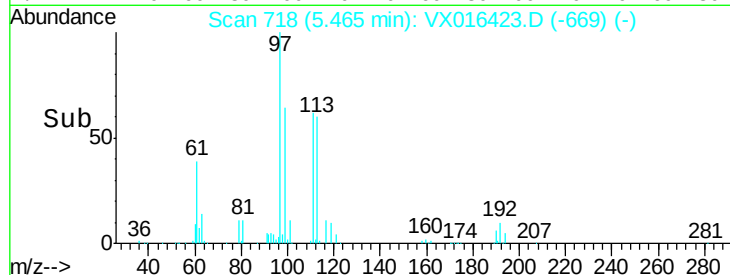
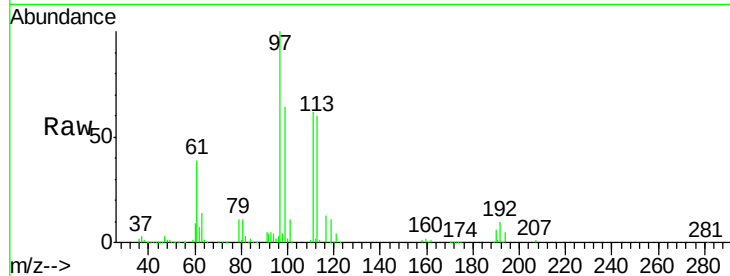
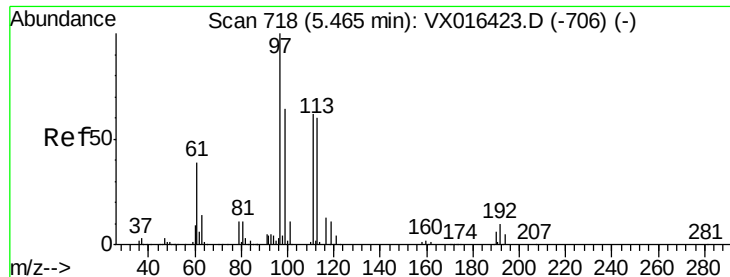
MMDadoda
 5/27/2020 12:27:20 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: VX016423.D
 Acq: 26 May 2020 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.2	0.0	36.4	
88	14.6	0.0	29.2	





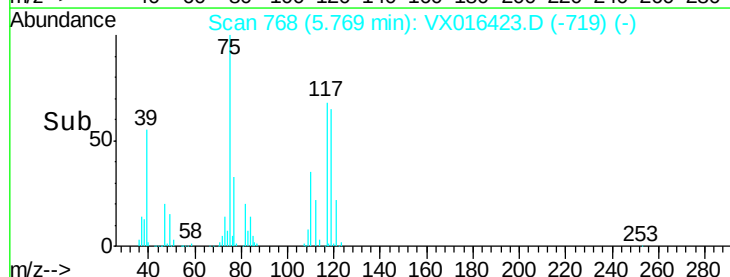
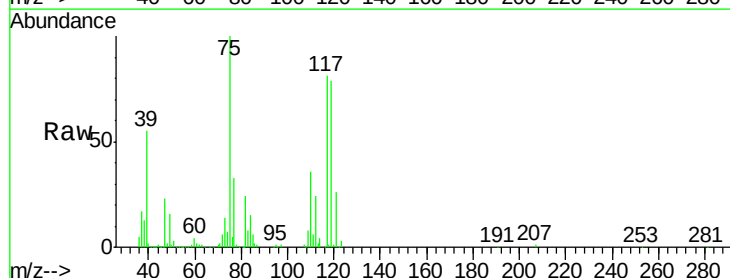
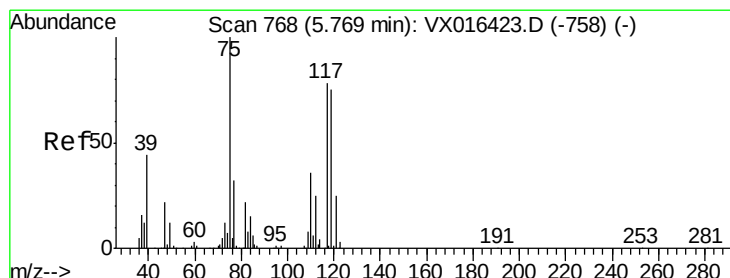
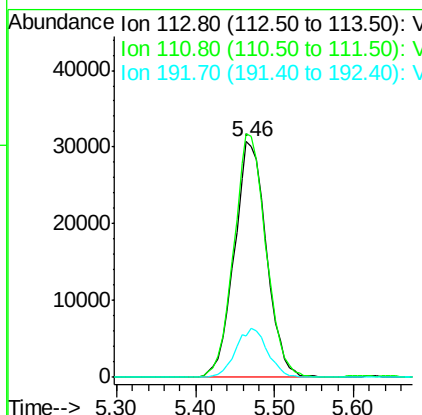
#35
Dibromofluoromethane
Concen: 49.570 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Tot Ion	Ratio	Resp	Lower	Upper
113	100	86915		
111	103.1	82.5	123.7	
192	20.6	16.5	24.7	

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

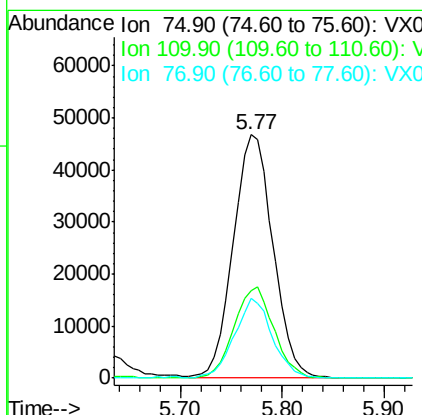
Manual Integrations
APPROVED

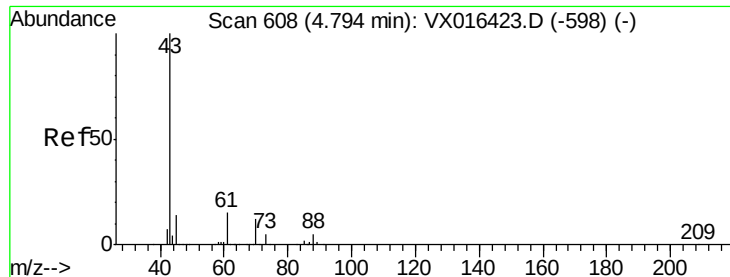
MMDadoda
5/27/2020 12:27:20 PM



#36
1,1-Dichloropropene
Concen: 46.979 ug/l
RT: 5.77 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	125667		
110	37.4	18.7	56.1	
77	31.1	24.9	37.3	





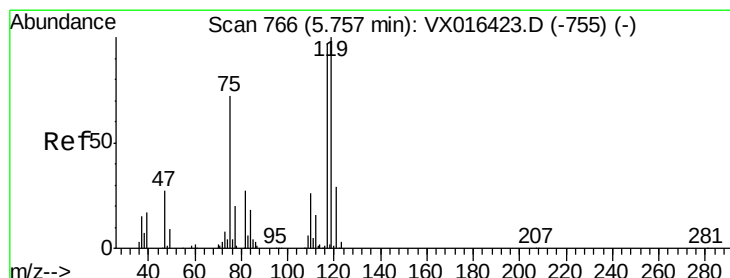
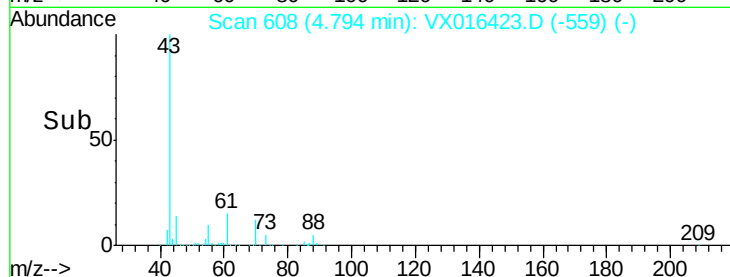
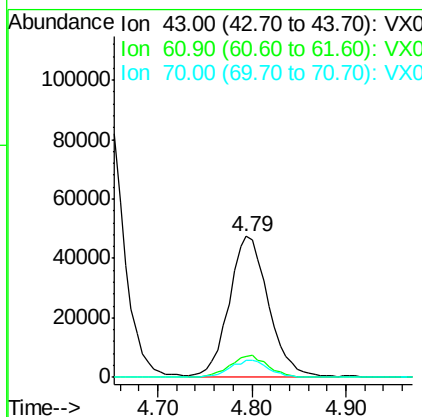
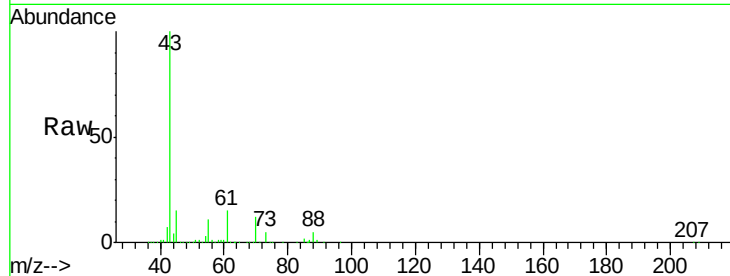
#37
Ethyl Acetate
Concen: 44.613 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.8	17.8
70	12.0	9.6	14.4

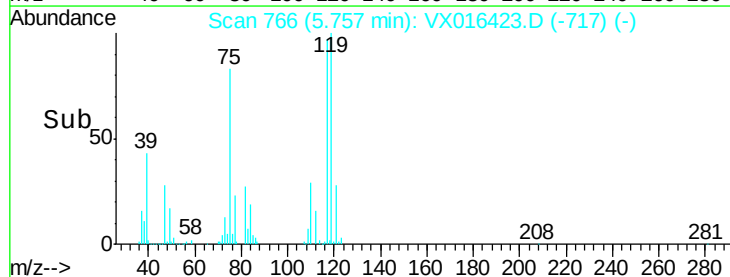
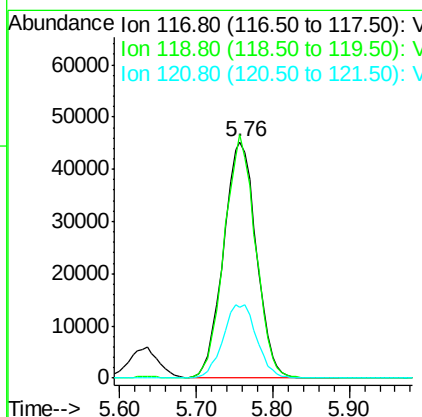
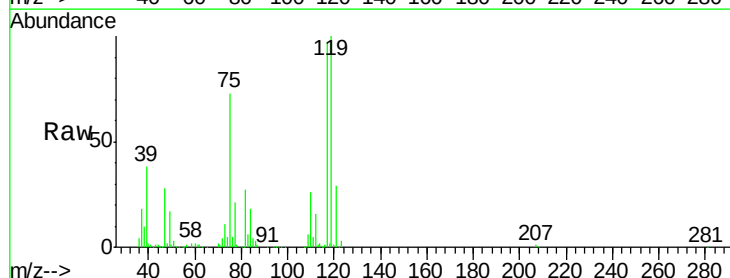
Manual Integrations
APPROVED

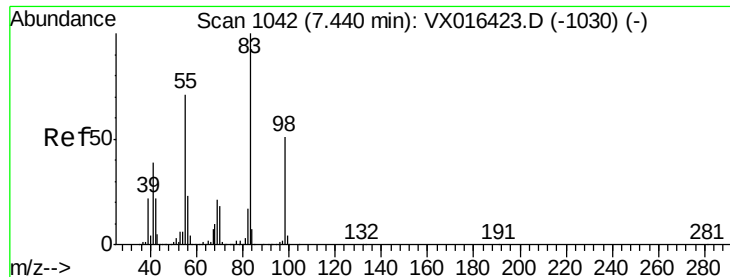
MMDadoda
5/27/2020 12:27:20 PM



#38
Carbon Tetrachloride
Concen: 49.187 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	102.8	82.2	123.4
121	30.1	24.1	36.1





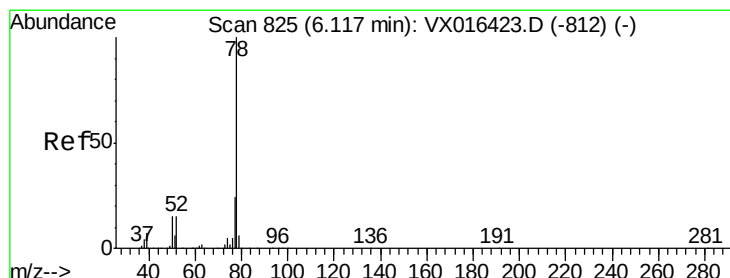
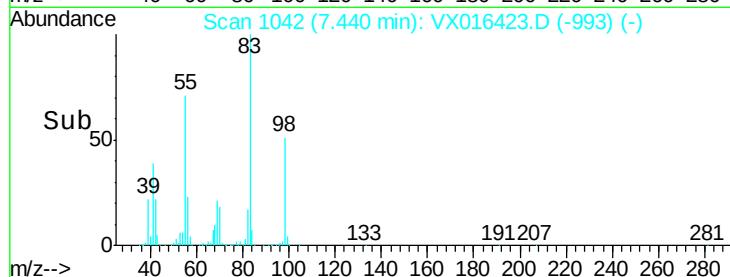
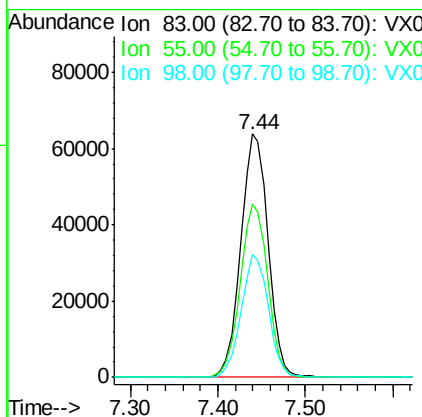
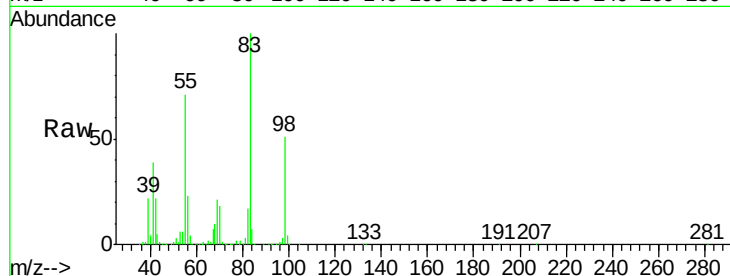
#39
Methylvlcyclohexane
Concen: 43.661 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.0	56.8	85.2
98	50.8	40.6	61.0

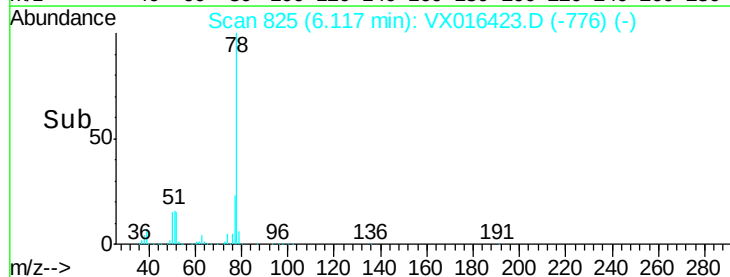
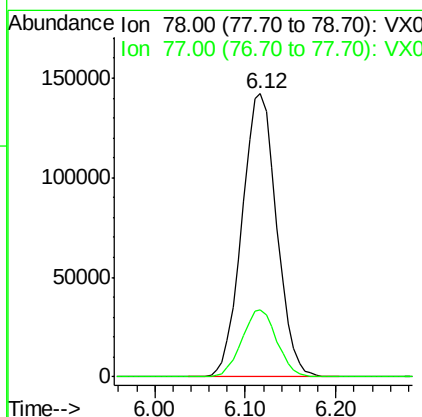
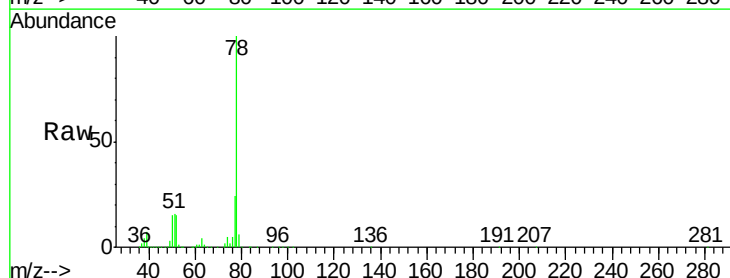
Manual Integrations
APPROVED

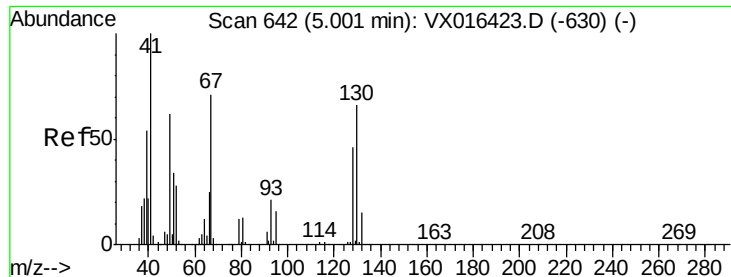
MMDadoda
5/27/2020 12:27:20 PM



#40
Benzene
Concen: 47.976 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.9	28.3





#41

Methacrylonitrile

Concen: 44.711 ug/l

RT: 5.00 min Scan# 642

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 41 Resp: 73626

Ion Ratio Lower Upper

41 100

39 55.5 44.4 66.6

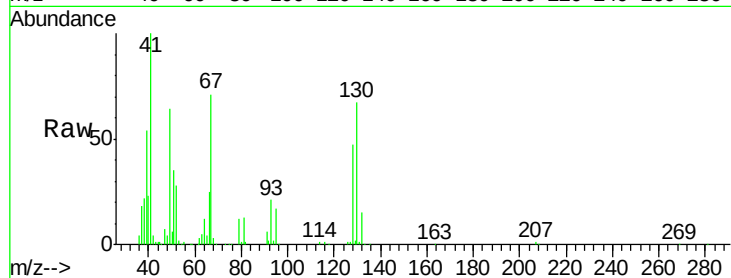
67 77.8 62.2 93.4

52 31.5 25.2 37.8

Manual Integrations
APPROVED

MMDadoda

5/27/2020 12:27:20 PM

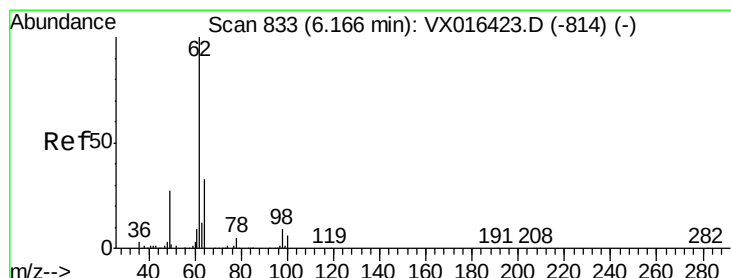
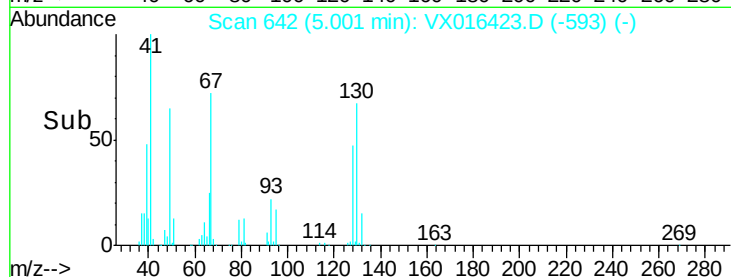
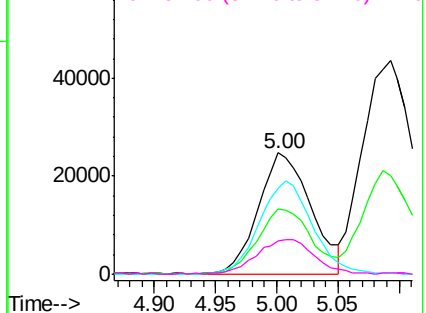


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 47.539 ug/l

RT: 6.17 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX016423.D

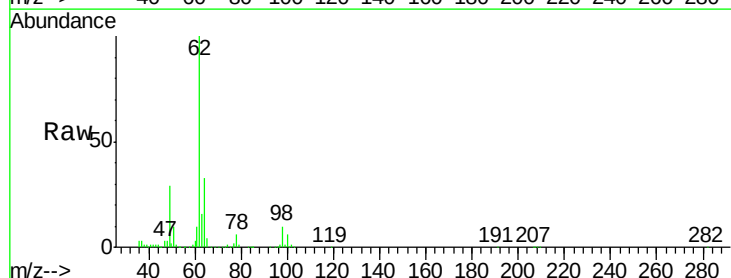
Acq: 26 May 2020 13:39

Tgt Ion: 62 Resp: 134050

Ion Ratio Lower Upper

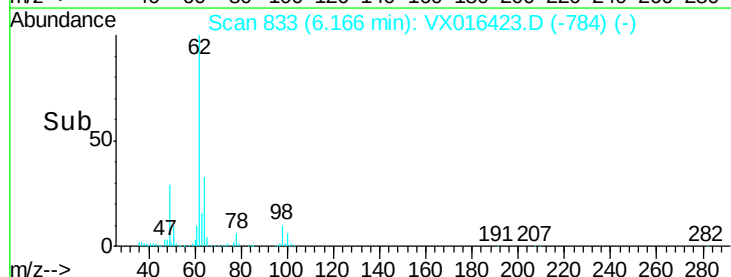
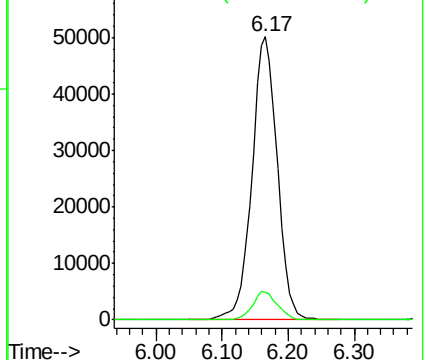
62 100

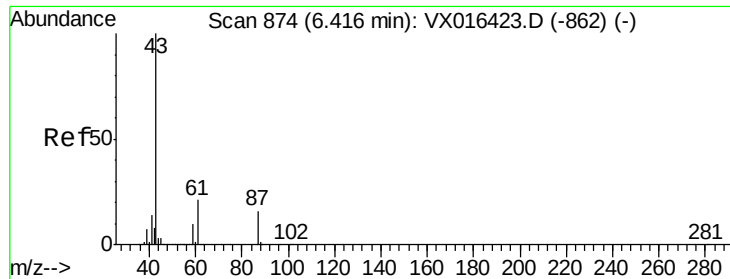
98 9.7 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





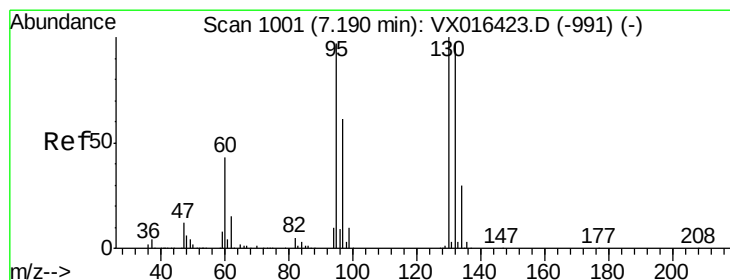
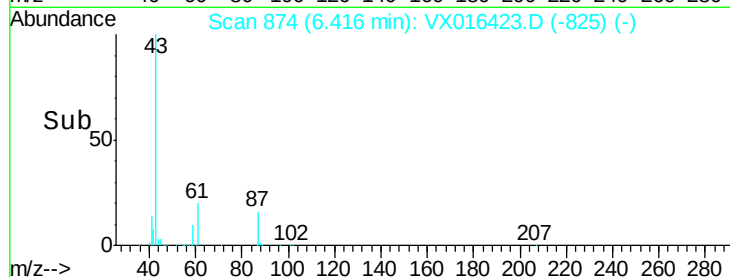
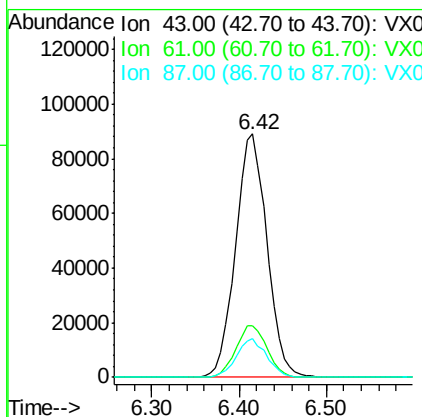
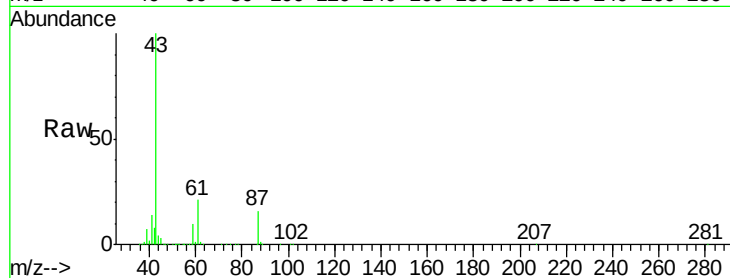
#43
Isopropyl Acetate
Concen: 45.124 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.5	17.2	25.8
87	15.4	12.3	18.5

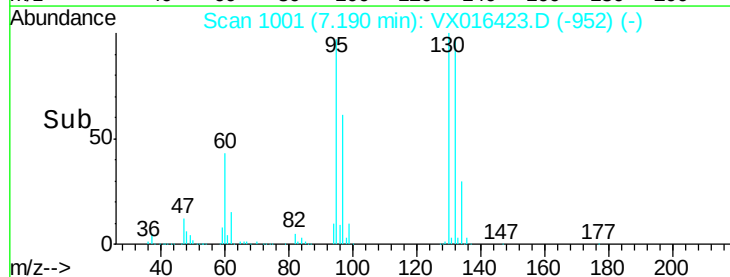
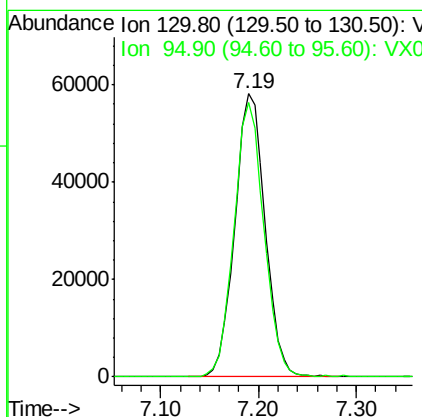
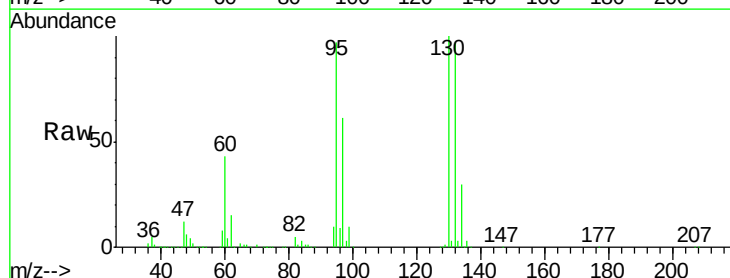
Manual Integrations
APPROVED

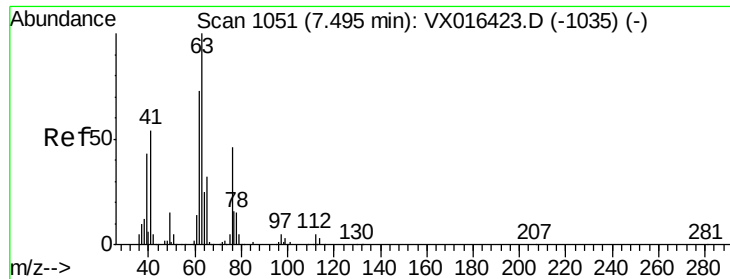
MMDadoda
5/27/2020 12:27:20 PM



#44
Trichloroethene
Concen: 45.245 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.0	0.0	194.0





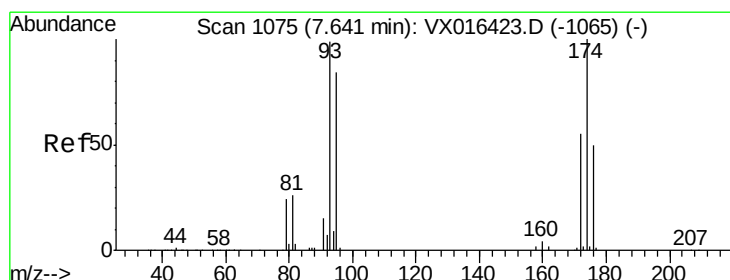
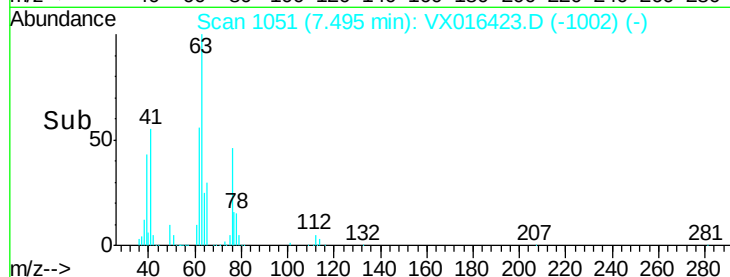
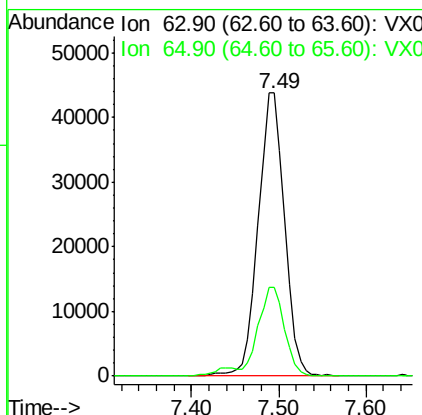
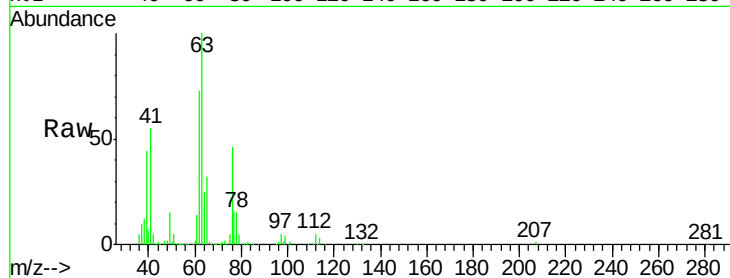
#45
 1,2-Dichloropropane
 Concen: 46.977 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VX016423.D
 Acq: 26 May 2020 13:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.6	25.3	37.9

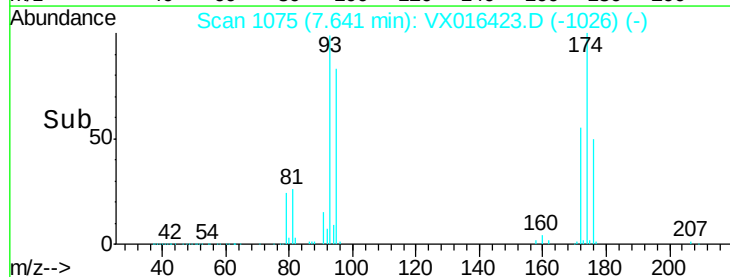
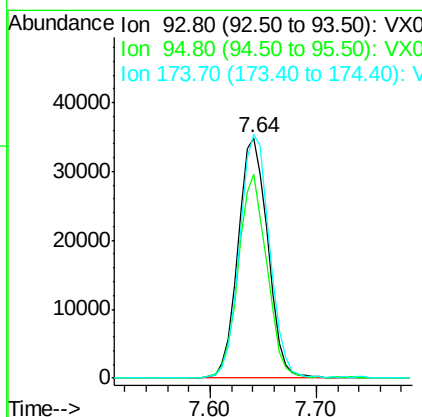
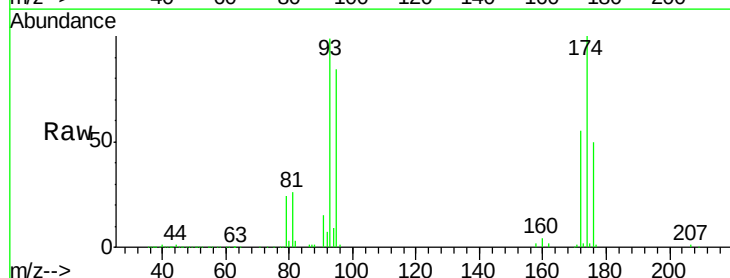
Manual Integrations
 APPROVED

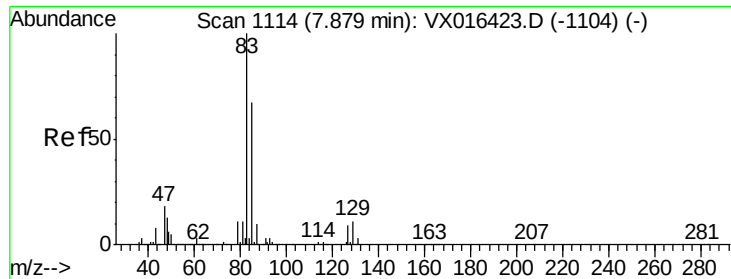
MMDadoda
 5/27/2020 12:27:20 PM



#46
 Dibromomethane
 Concen: 50.431 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX016423.D
 Acq: 26 May 2020 13:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.2	65.0	97.4
174	101.7	81.4	122.0





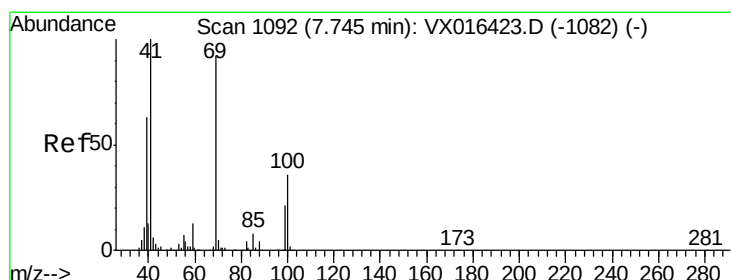
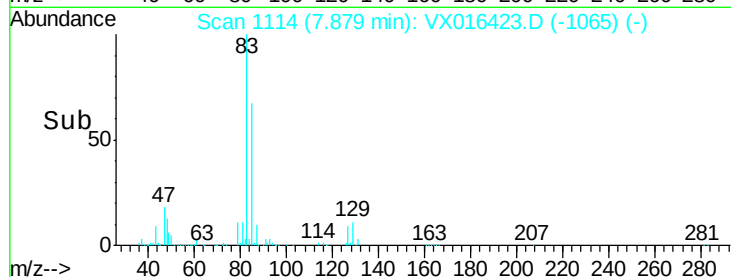
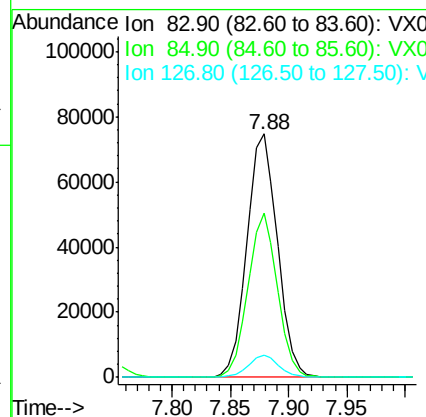
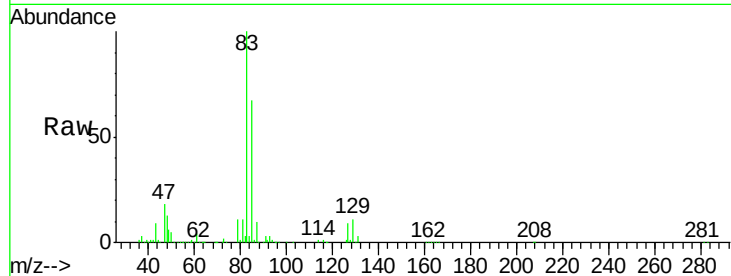
#47
Bromodichloromethane
Concen: 49.680 ug/l
RT: 7.88 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	83	Resp	136571
Ion Ratio	Lower	Upper	
83	100		
85	67.3	53.8	80.8
127	9.3	7.4	11.2

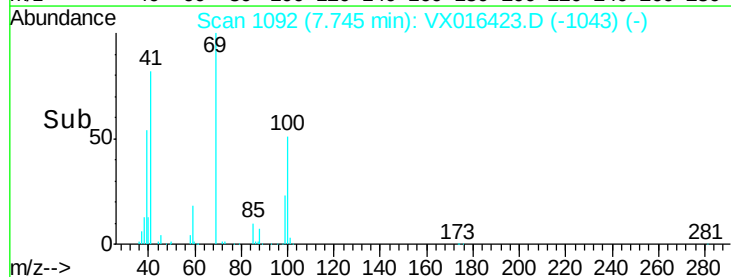
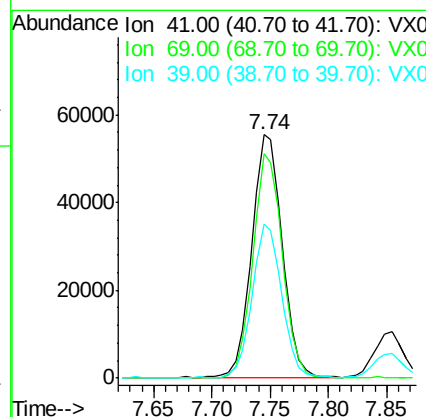
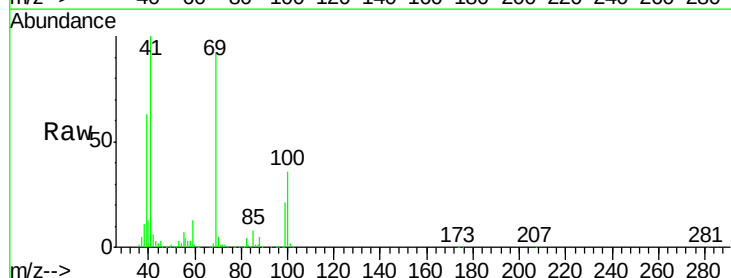
Manual Integrations
APPROVED

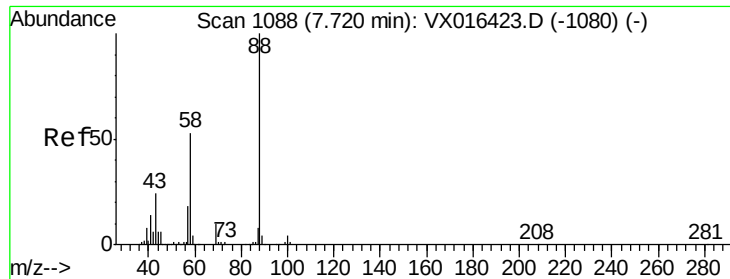
MMDadoda
5/27/2020 12:27:20 PM



#48
Methyl methacrylate
Concen: 44.026 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Tgt Ion	41	Resp	101288
Ion Ratio	Lower	Upper	
41	100		
69	89.8	71.8	107.8
39	60.8	48.6	73.0





#49

1,4-Dioxane

Concen: 947.843 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Instrument :

MSVOA_X

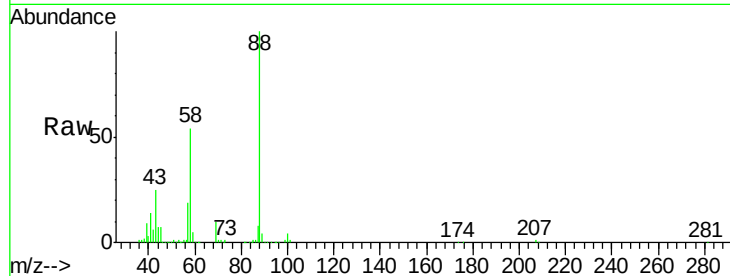
ClientSampleId :

VSTDICCC050

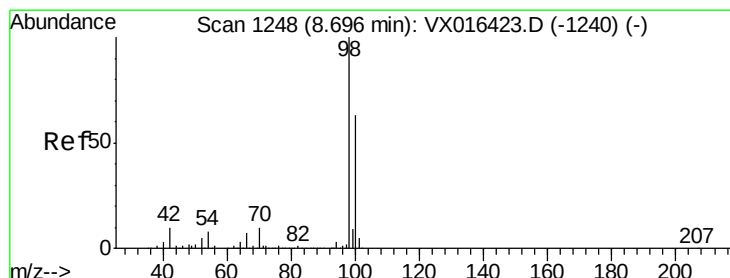
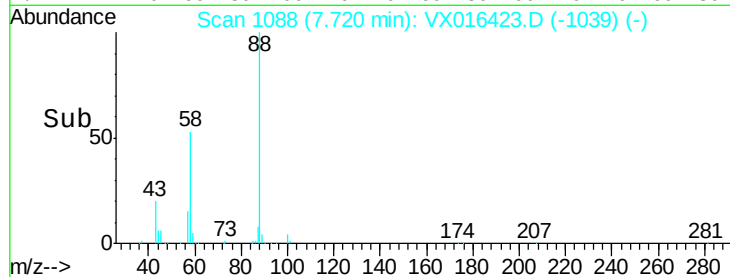
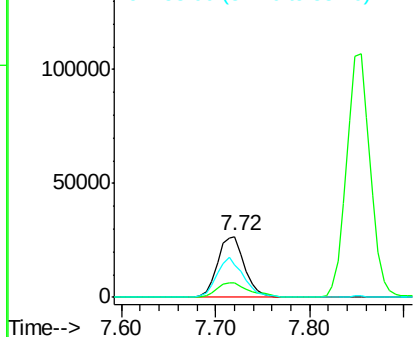
Tot Ion:	88	Resp:	53085
Ion	Ratio	Lower	Upper
88	100		
43	28.8	23.0	34.6
58	64.6	51.7	77.5

Manual Integrations
APPROVED

MMDadoda
5/27/2020 12:27:20 PM



Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.745 ug/l

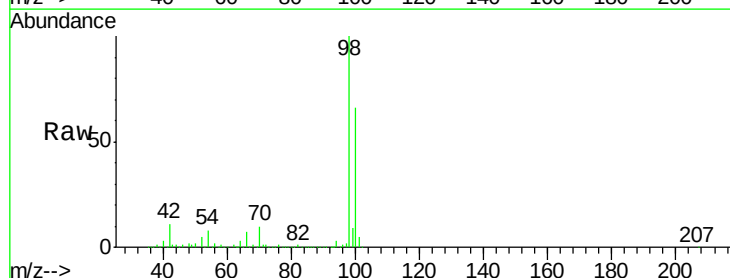
RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

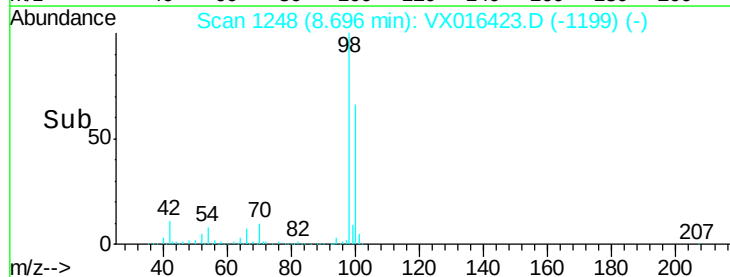
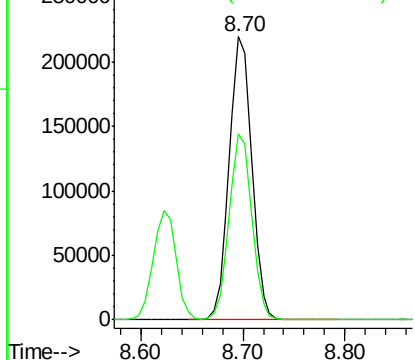
Lab File: VX016423.D

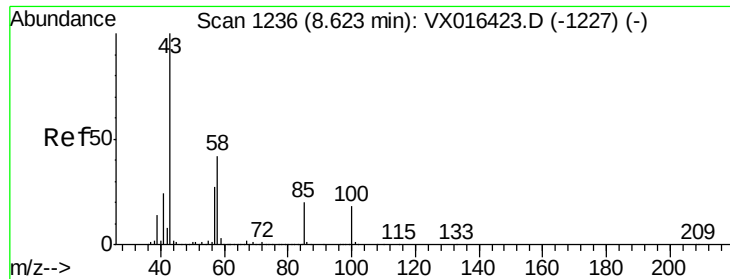
Acq: 26 May 2020 13:39

Tgt Ion:	98	Resp:	335383
Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.6	78.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





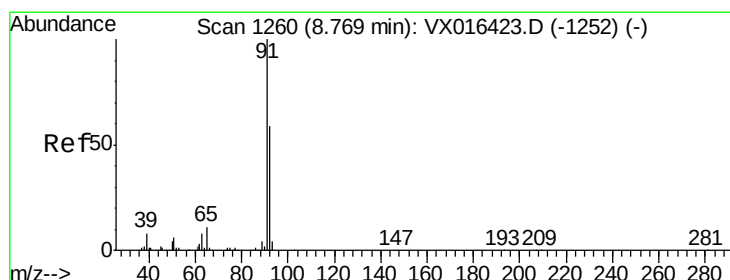
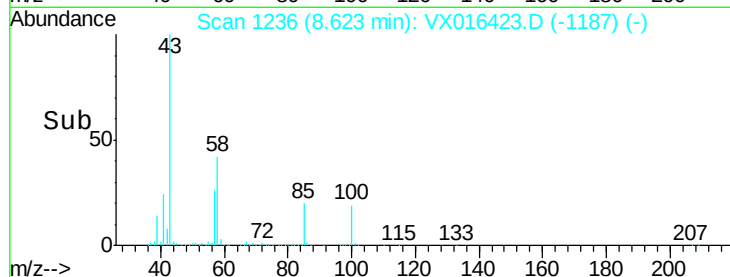
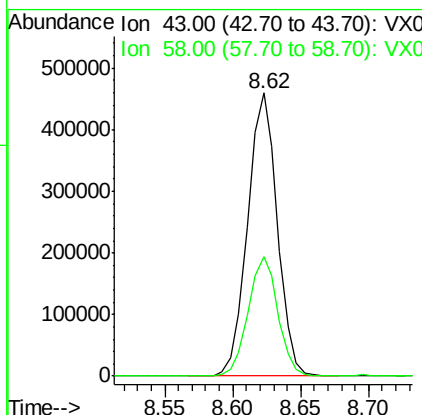
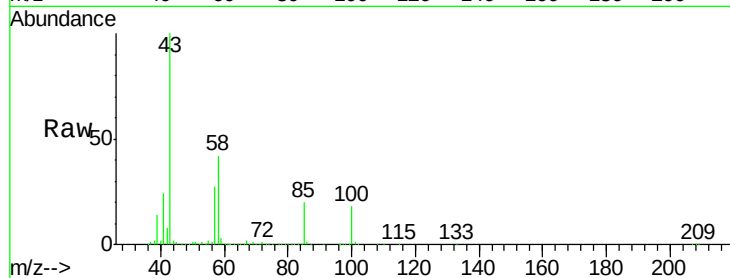
#51
 4-Methyl-2-Pentanone
 Concen: 234.767 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX016423.D
 Acq: 26 May 2020 13:39

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICCC050

Tot Ion: 43 Resp: 702273
 Ion Ratio Lower Upper
 43 100
 58 42.2 33.8 50.6

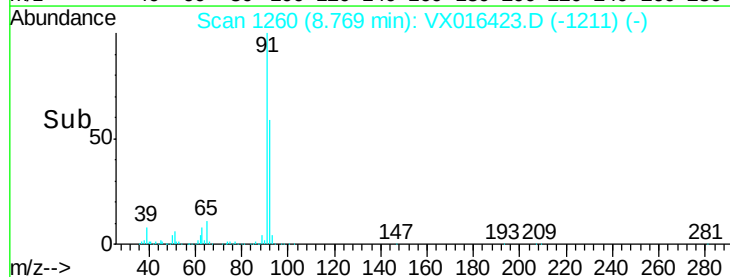
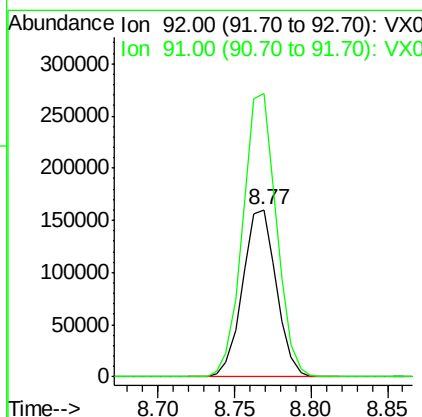
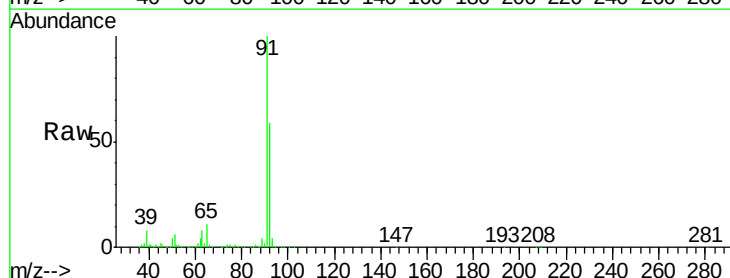
Manual Integrations
 APPROVED

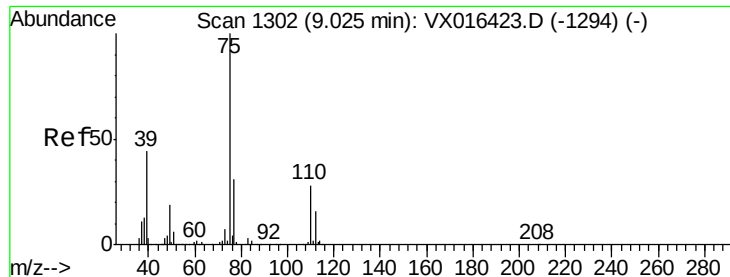
MMDadoda
 5/27/2020 12:27:20 PM



#52
 Toluene
 Concen: 49.910 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: VX016423.D
 Acq: 26 May 2020 13:39

Tgt Ion: 92 Resp: 244908
 Ion Ratio Lower Upper
 92 100
 91 169.6 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 47.943 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 75 Resp: 156645

Ion Ratio Lower Upper

75 100

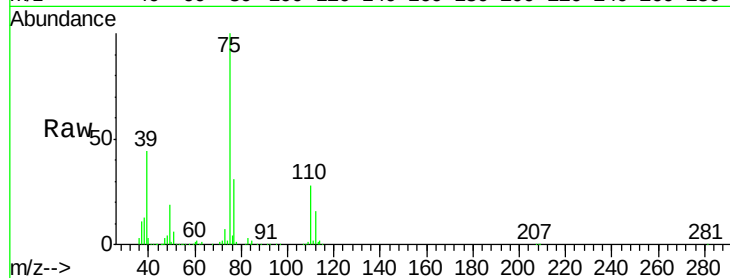
77 31.2 25.0 37.4

Manual Integrations

APPROVED

MMDadoda

5/27/2020 12:27:20 PM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

120000

100000

80000

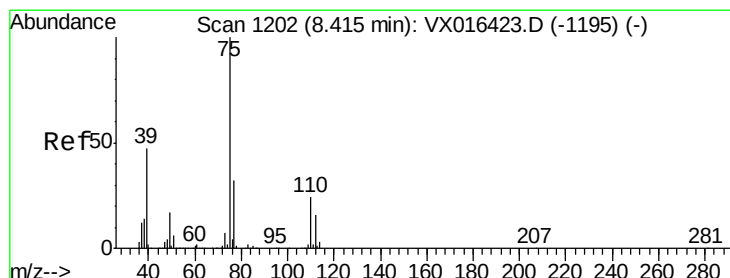
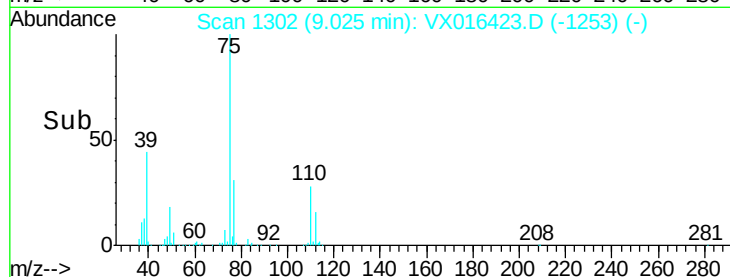
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 47.108 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

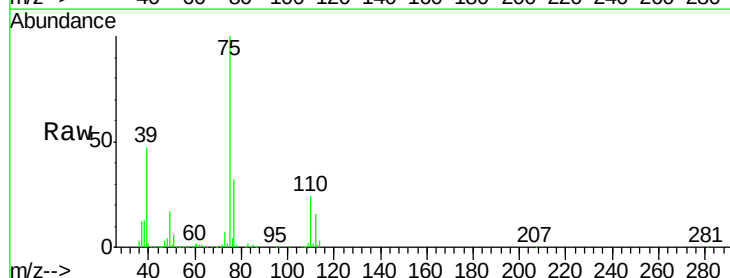
Tgt Ion: 75 Resp: 160092

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0

39 47.1 37.7 56.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

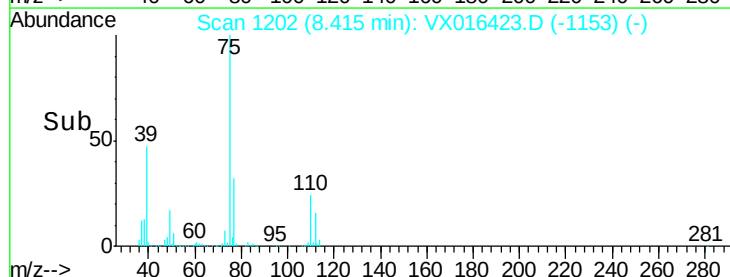
8.42

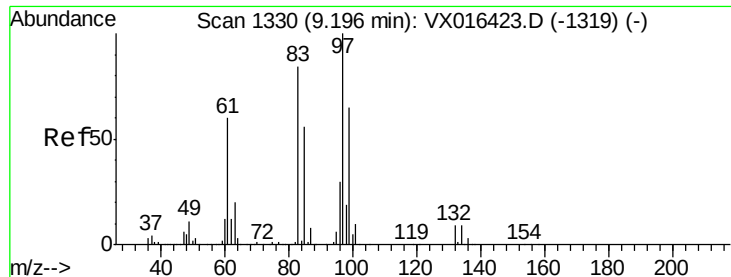
100000

50000

0

Time-->





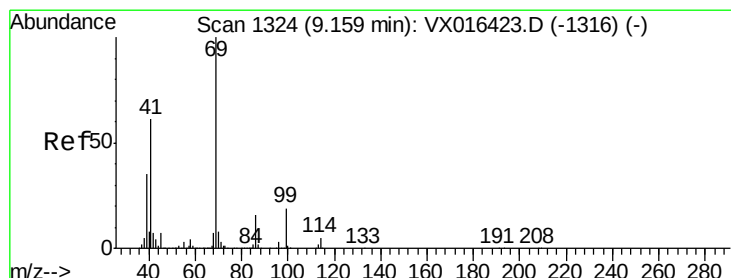
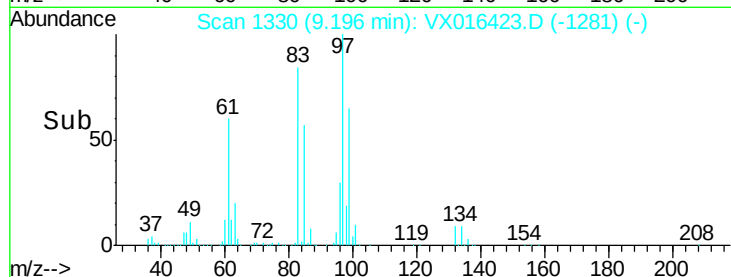
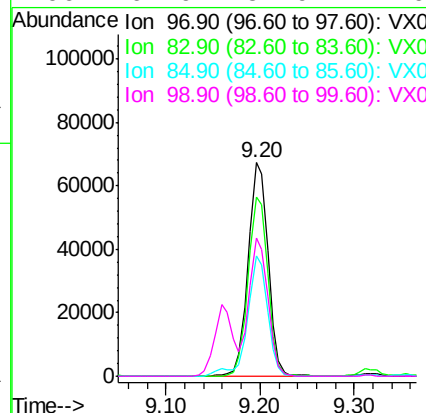
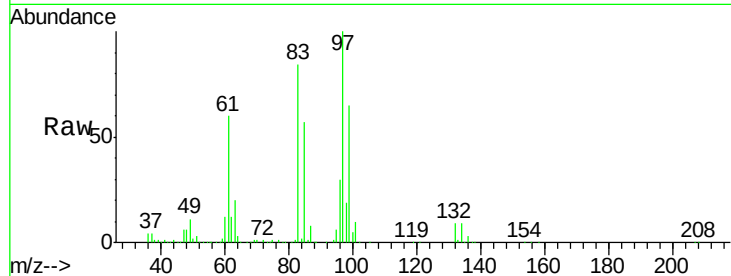
#55
 1,1,2-Trichloroethane
 Concen: 51.358 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016423.D
 Acq: 26 May 2020 13:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		99577		
83	83.6	66.9	100.3		
85	56.5	45.2	67.8		
99	64.9	51.9	77.9		

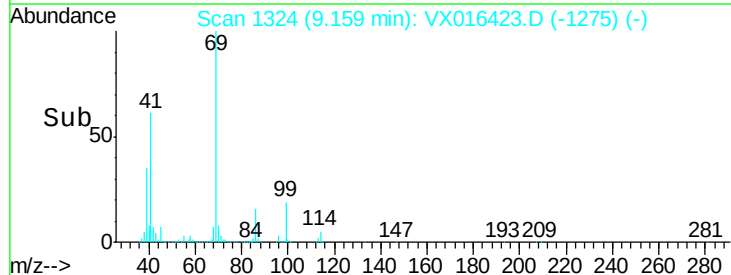
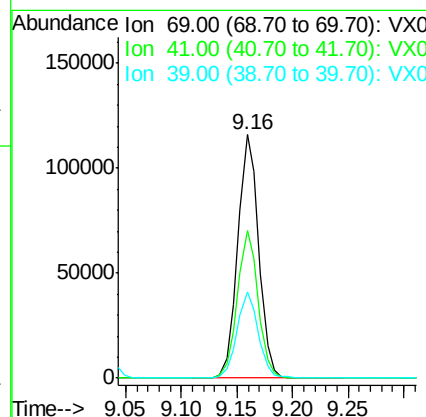
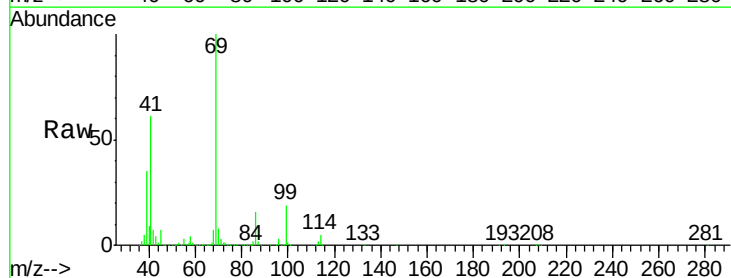
Manual Integrations
 APPROVED

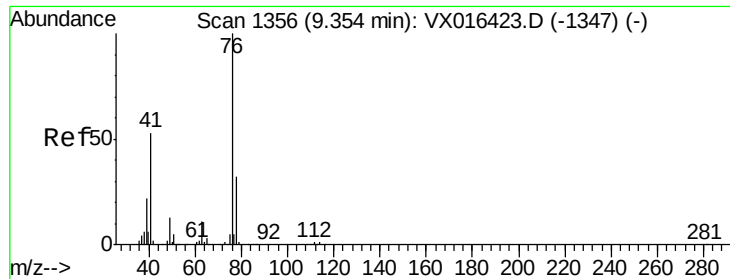
MMDadoda
 5/27/2020 12:27:20 PM



#56
 Ethyl methacrylate
 Concen: 48.508 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016423.D
 Acq: 26 May 2020 13:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		151142		
41	59.9	47.9	71.9		
39	35.9	28.7	43.1		





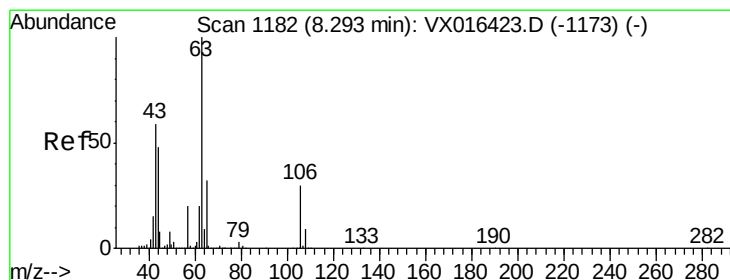
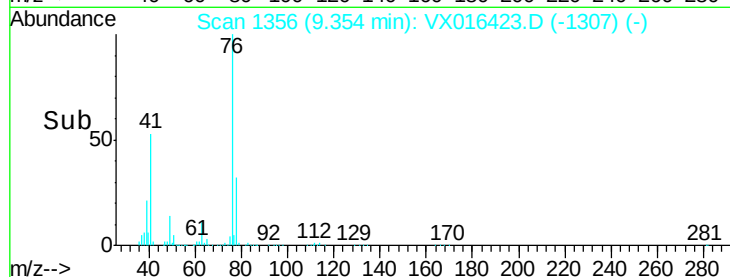
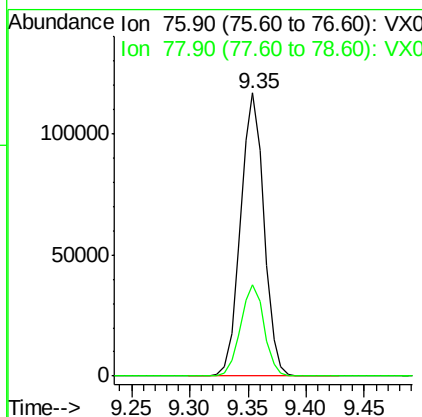
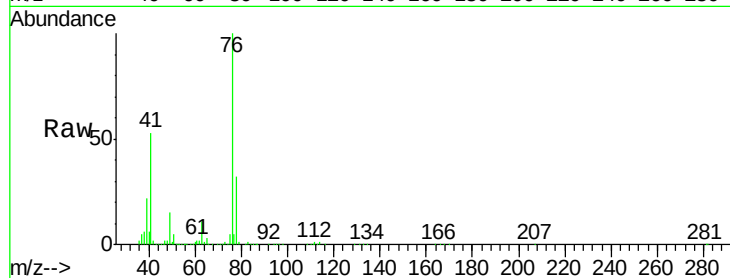
#57
 1,3-Dichloropropane
 Concen: 49.028 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX016423.D
 Acq: 26 May 2020 13:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.1	39.1

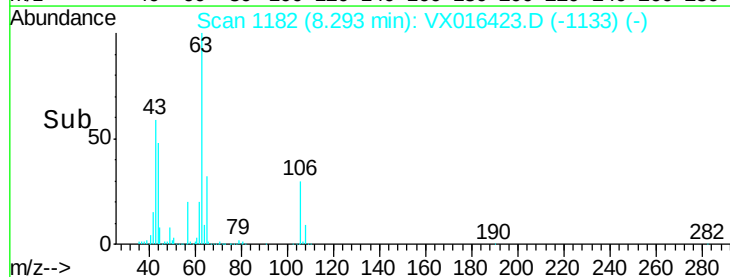
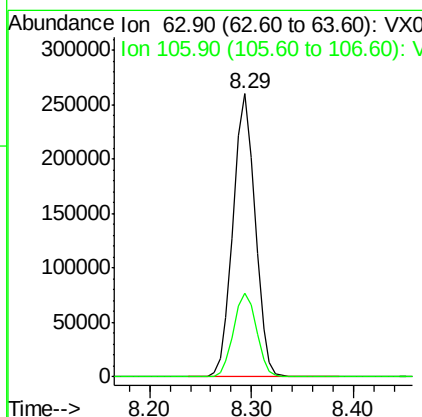
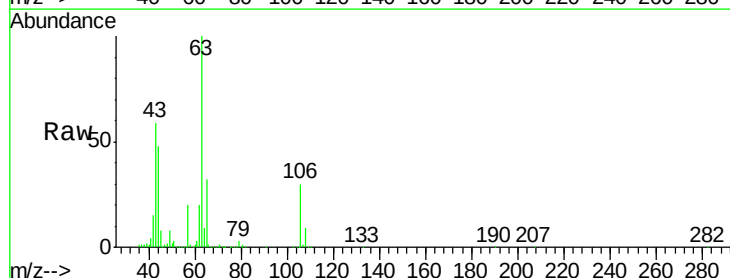
Manual Integrations
 APPROVED

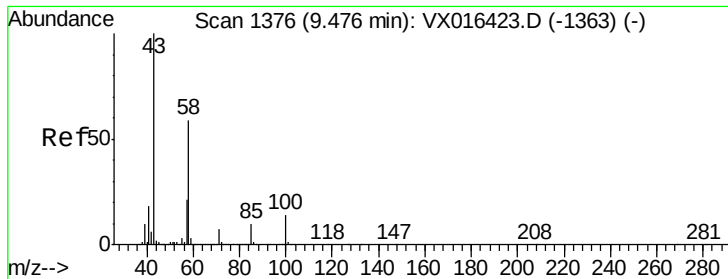
MMDadoda
 5/27/2020 12:27:20 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 235.286 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX016423.D
 Acq: 26 May 2020 13:39

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.7	24.6	36.8





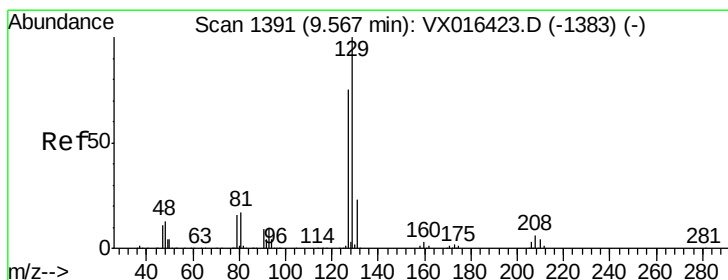
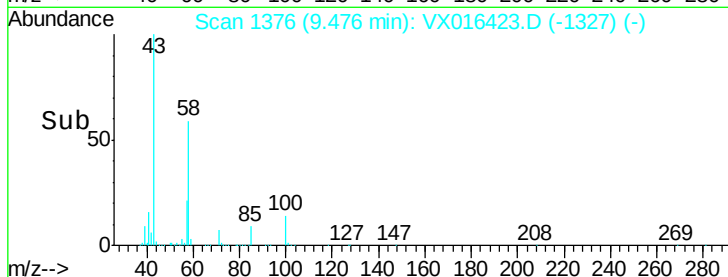
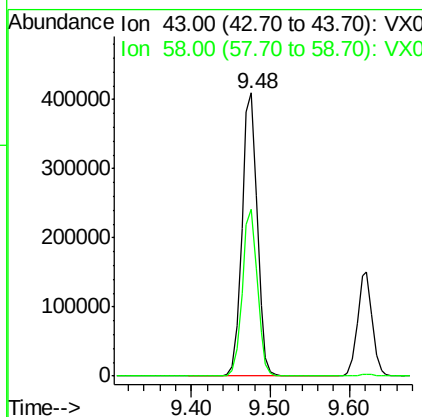
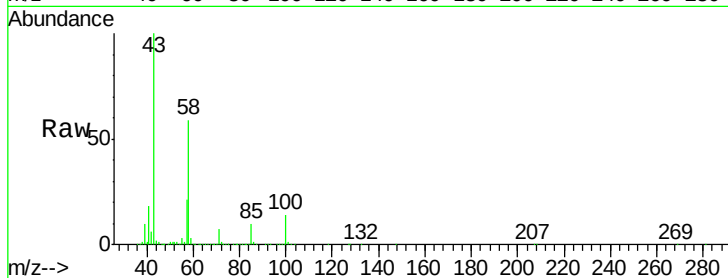
#59
2-Hexanone
Concen: 234.002 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 550199
Ion Ratio Lower Upper
43 100
58 58.2 29.1 87.3

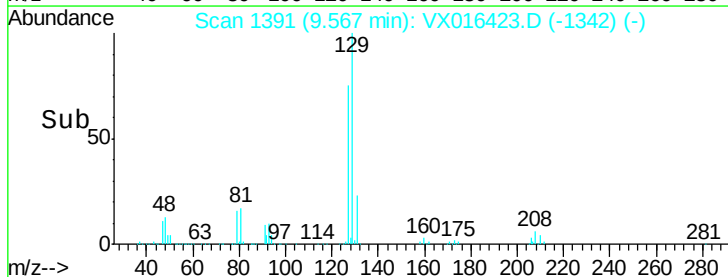
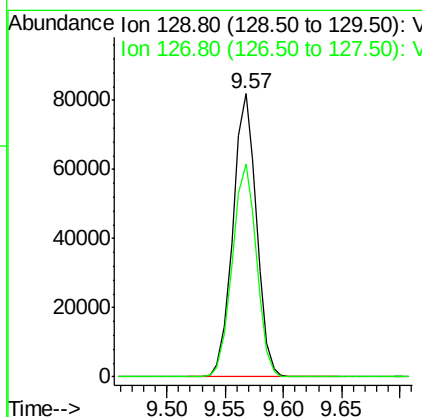
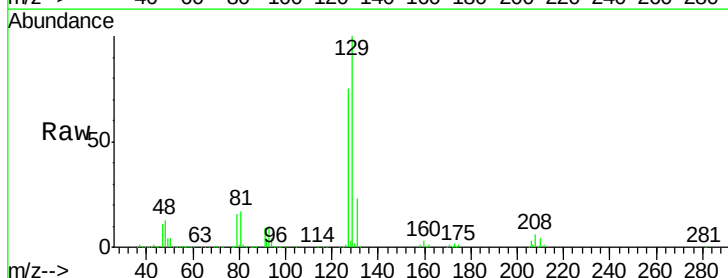
Manual Integrations
APPROVED

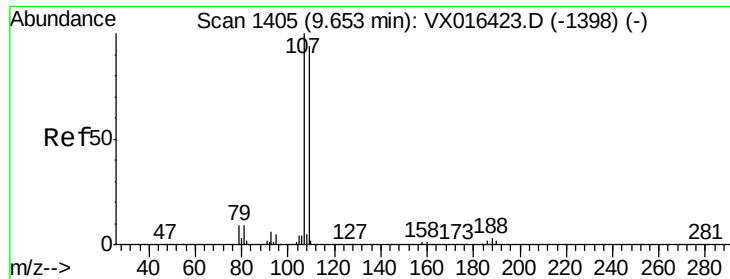
MMDadoda
5/27/2020 12:27:20 PM



#60
Dibromochloromethane
Concen: 53.901 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Tgt Ion: 129 Resp: 115761
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.8





#61

1,2-Dibromoethane

Concen: 52.729 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 107 Resp: 111054

Ion Ratio Lower Upper

107 100

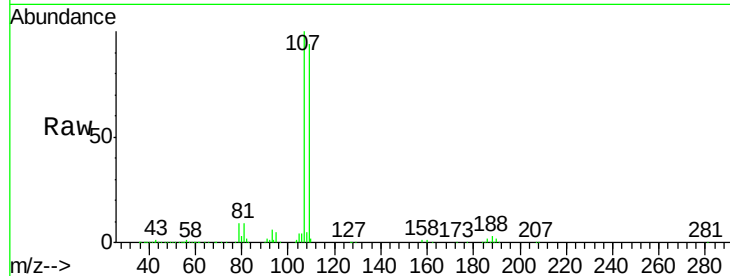
109 93.8 75.0 112.6

Manual Integrations

APPROVED

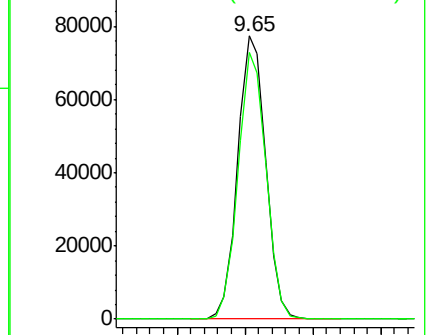
MMDadoda

5/27/2020 12:27:20 PM

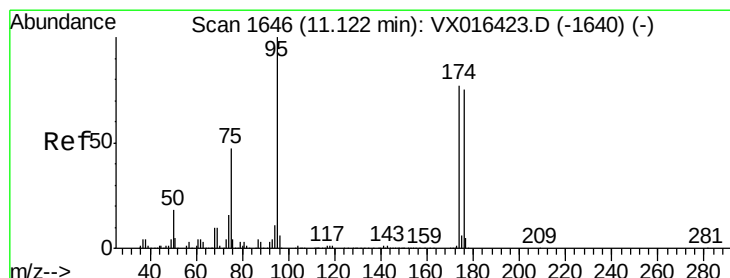
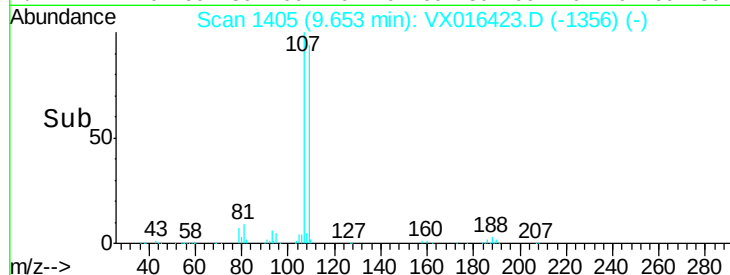


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 48.550 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

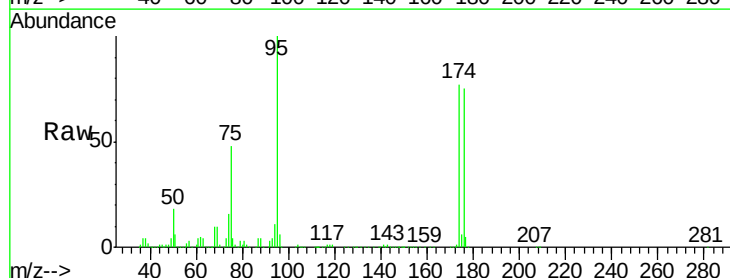
Tgt Ion: 95 Resp: 123754

Ion Ratio Lower Upper

95 100

174 81.3 0.0 162.6

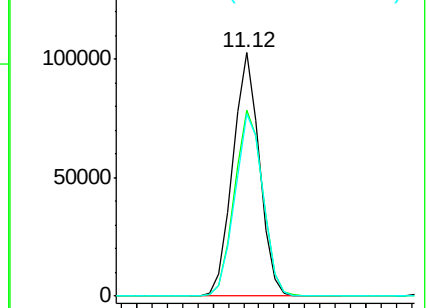
176 79.1 0.0 158.2



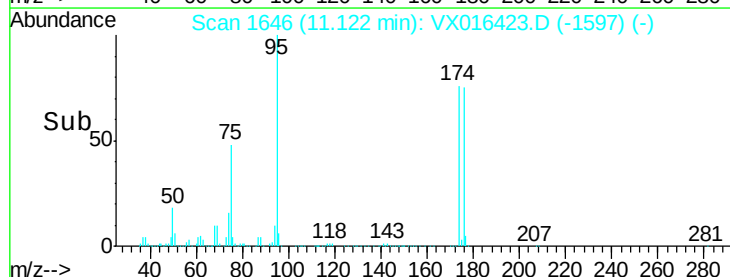
Abundance Ion 94.90 (94.60 to 95.60): VX0

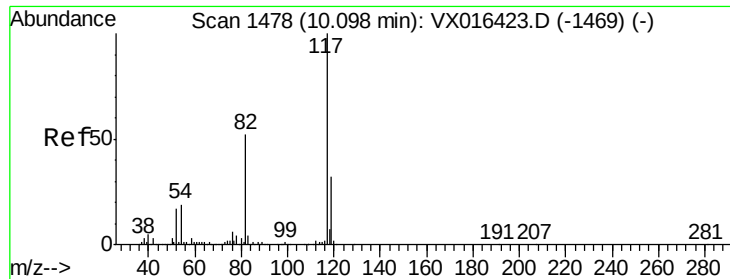
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





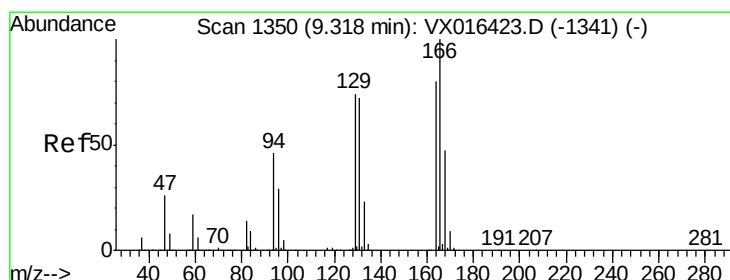
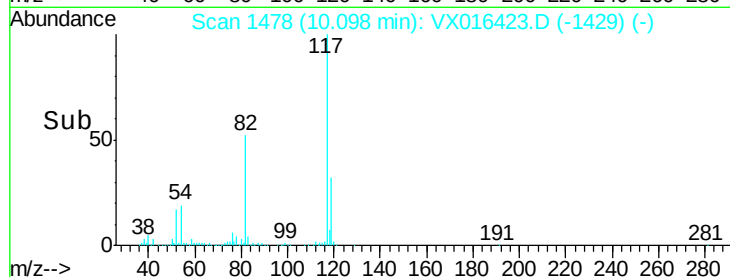
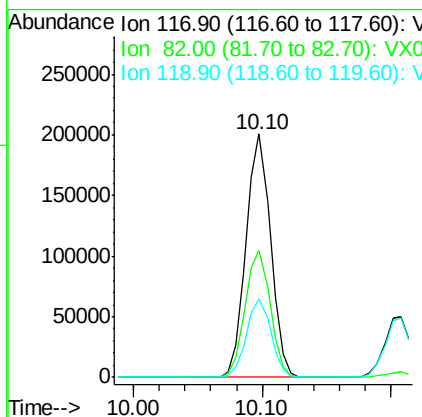
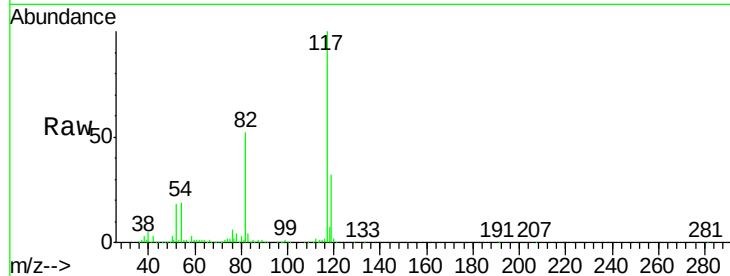
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	263228		
82	52.2		41.8	62.6
119	32.1		25.7	38.5

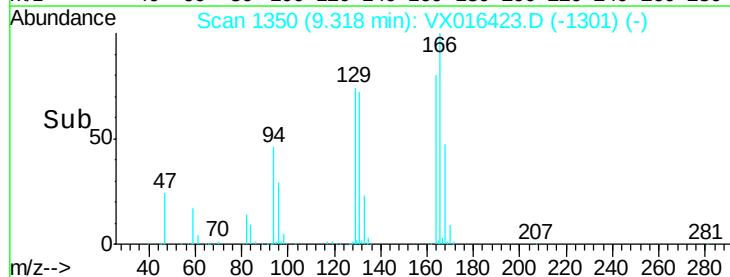
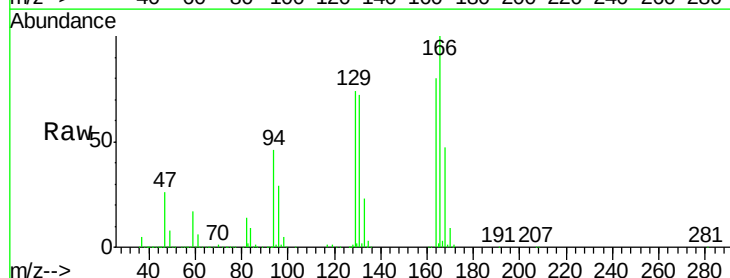
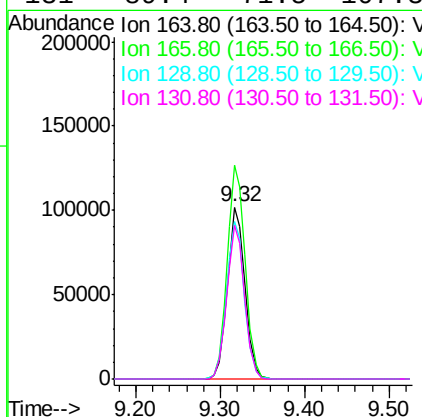
Manual Integrations
APPROVED

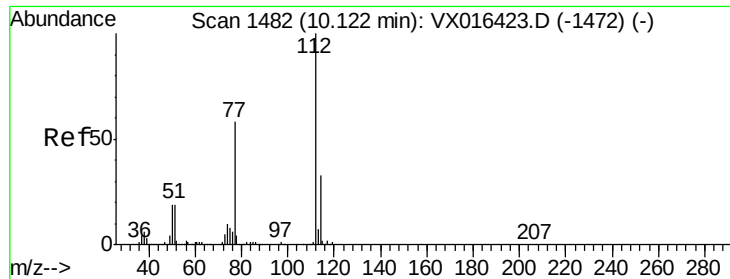
MMDadoda
5/27/2020 12:27:20 PM



#64
Tetrachloroethene
Concen: 45.652 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	145655		
166	124.4		99.5	149.3
129	91.7		73.4	110.0
131	89.4		71.5	107.3





#65

Chlorobenzene

Concen: 48.871 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion:112 Resp: 268640

Ion Ratio Lower Upper

112 100

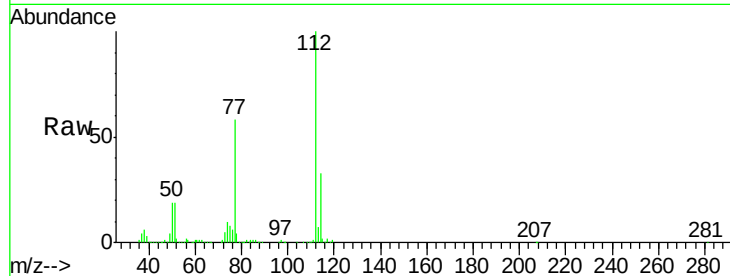
114 33.3 26.6 40.0

Manual Integrations

APPROVED

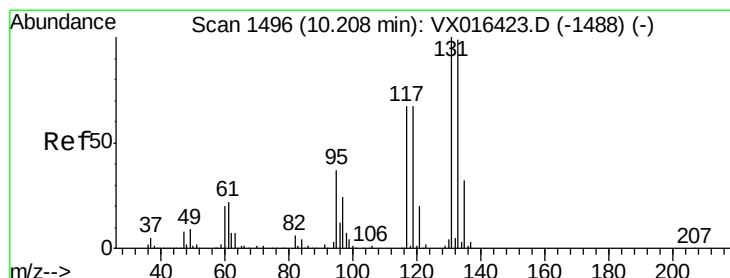
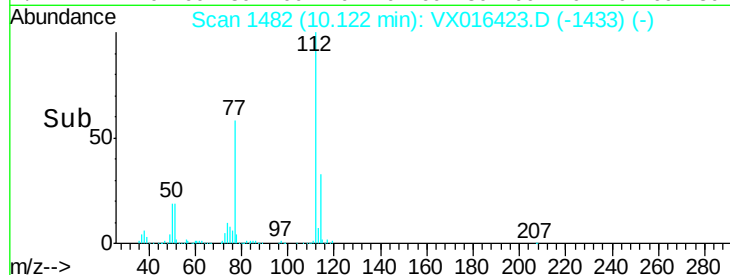
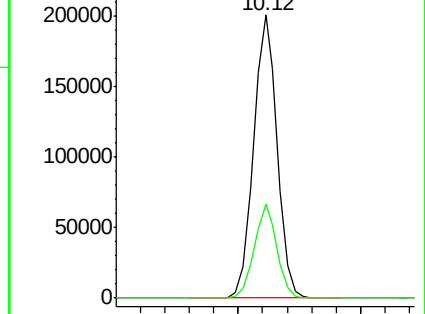
MMDadoda

5/27/2020 12:27:20 PM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.477 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

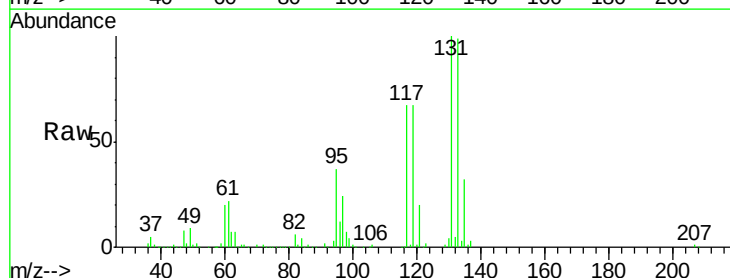
Tgt Ion:131 Resp: 102845

Ion Ratio Lower Upper

131 100

133 96.1 48.0 144.2

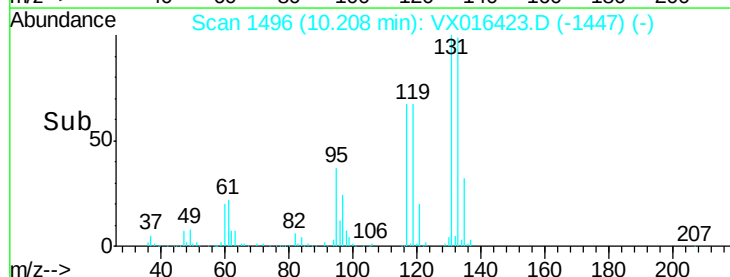
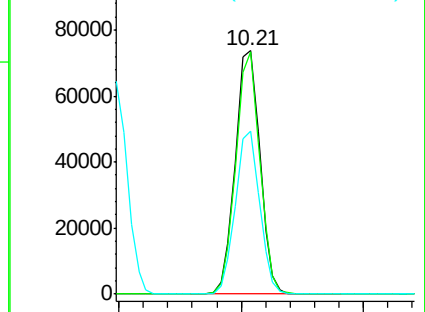
119 65.9 33.0 98.9

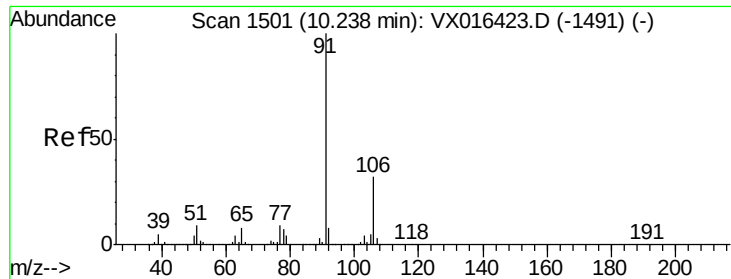


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





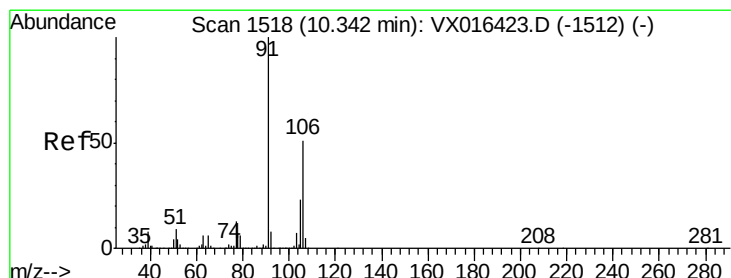
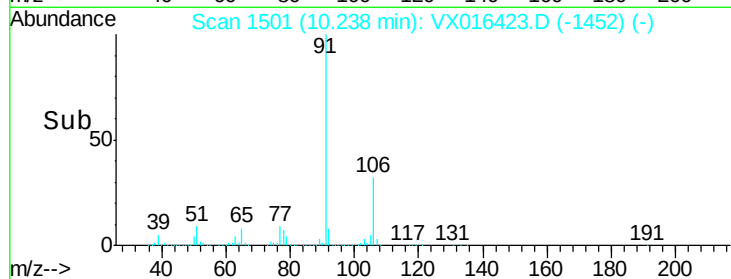
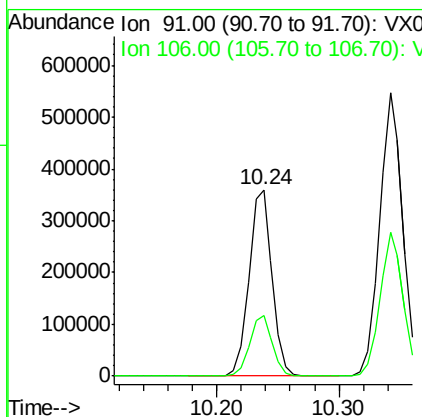
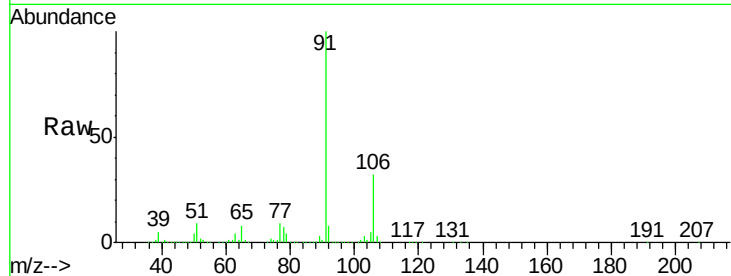
#67
Ethyl Benzene
Concen: 48.132 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 91 Resp: 469161
Ion Ratio Lower Upper
91 100
106 32.3 25.8 38.8

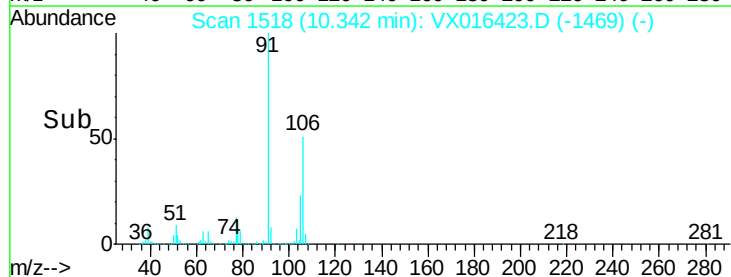
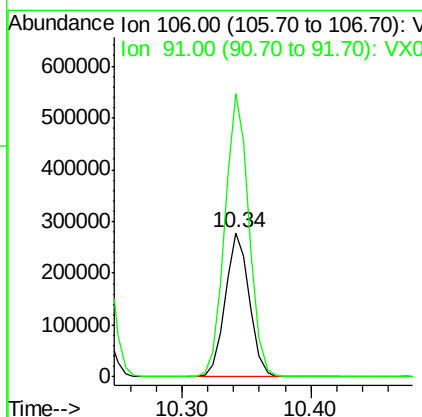
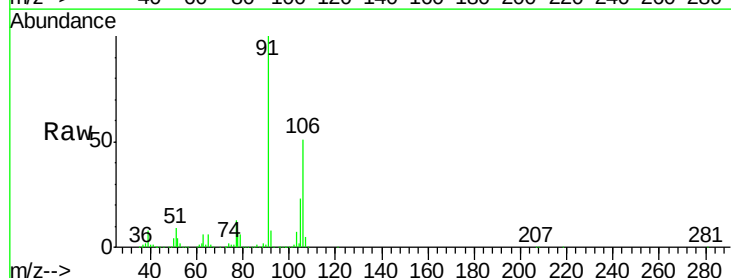
Manual Integrations
APPROVED

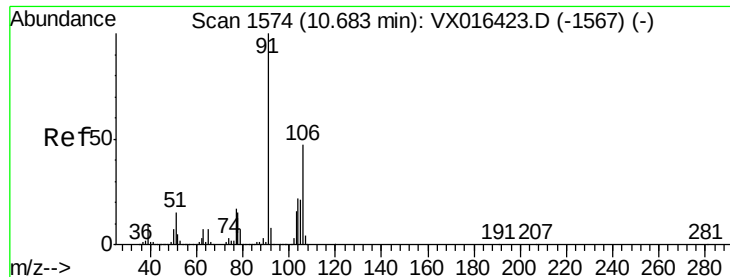
MMDadoda
5/27/2020 12:27:20 PM



#68
m/p-Xylenes
Concen: 99.261 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Tgt Ion: 106 Resp: 363546
Ion Ratio Lower Upper
106 100
91 197.8 158.2 237.4





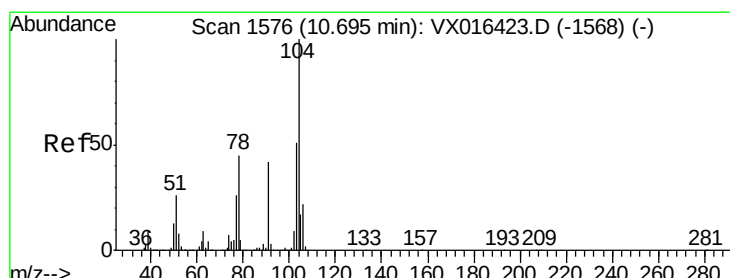
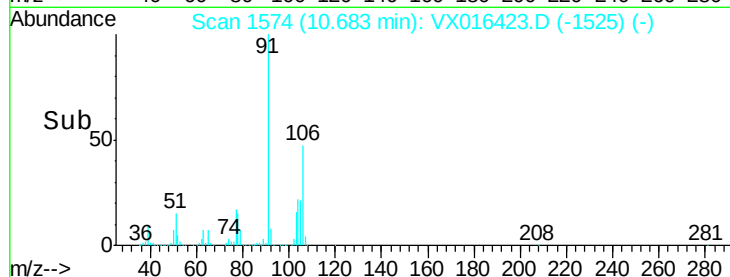
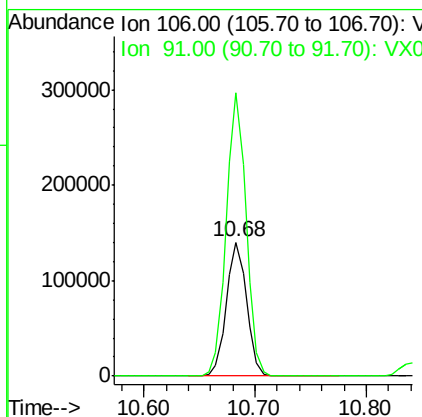
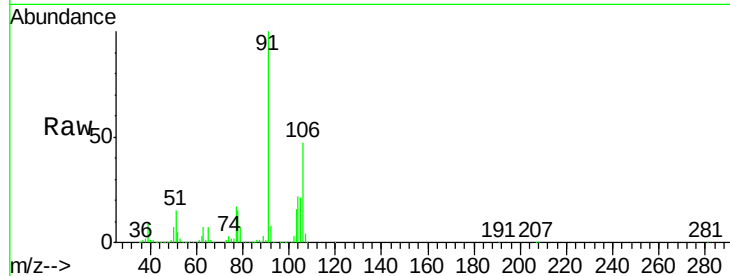
#69
o-Xylene
Concen: 49.955 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.0	104.0	312.0

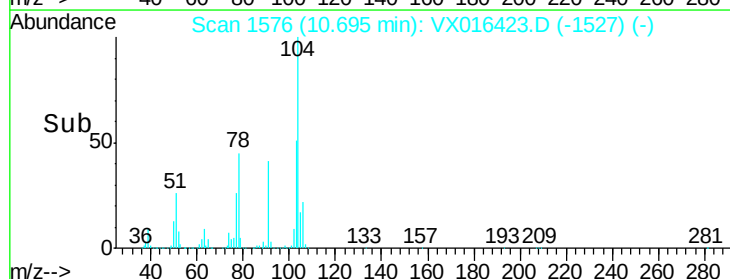
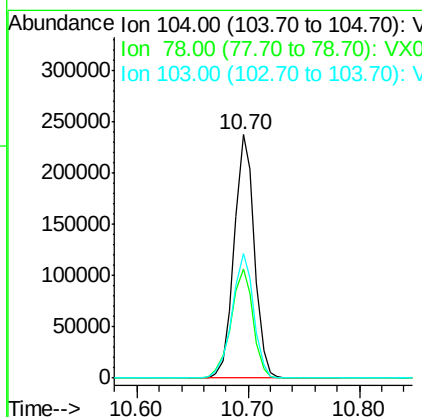
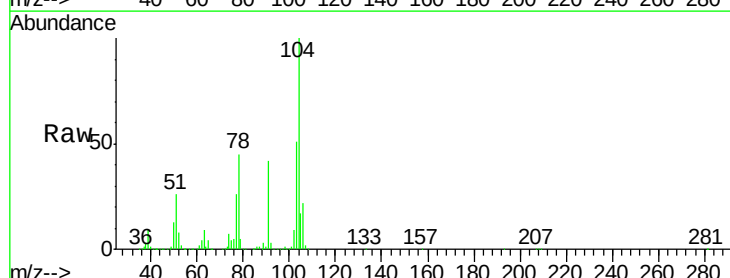
Manual Integrations
APPROVED

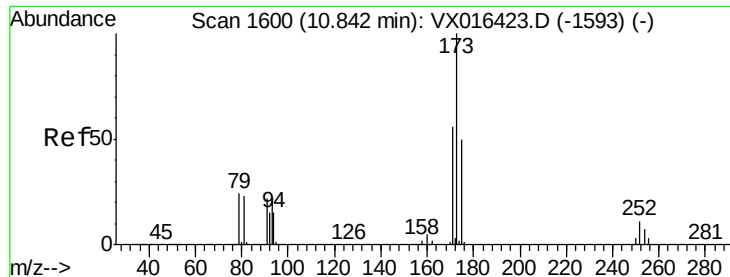
MMDadoda
5/27/2020 12:27:20 PM



#70
Styrene
Concen: 49.975 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.0	39.2	58.8
103	54.7	43.8	65.6





#71

Bromoform

Concen: 52.823 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:173 Resp: 87828

Ion Ratio Lower Upper

173 100

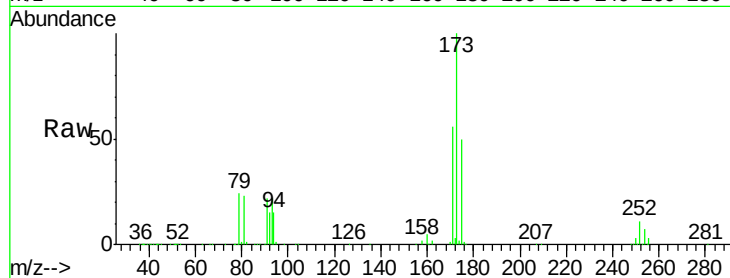
175 49.0 24.5 73.5

254 0.2 0.2 0.2

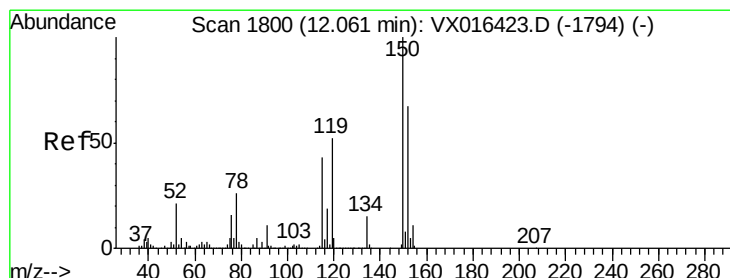
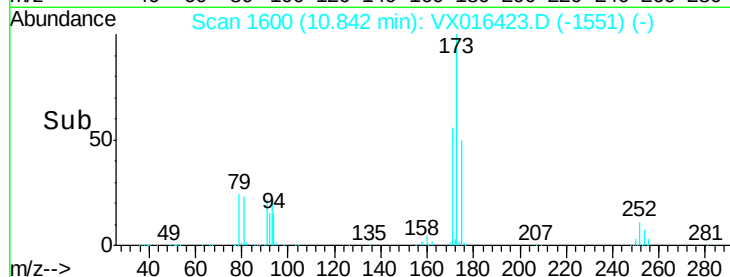
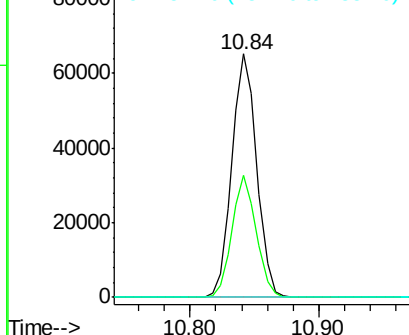
Manual Integrations
APPROVED

MMDadoda

5/27/2020 12:27:20 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: VX016423.D

Acq: 26 May 2020 13:39

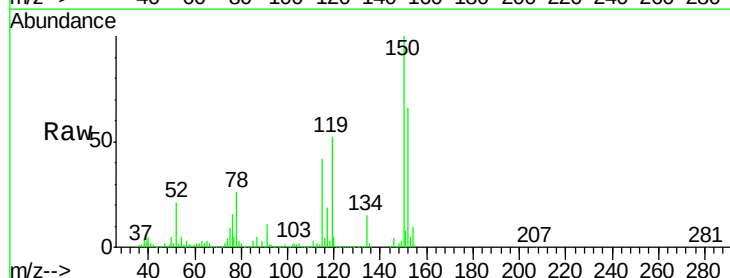
Tgt Ion:152 Resp: 132321

Ion Ratio Lower Upper

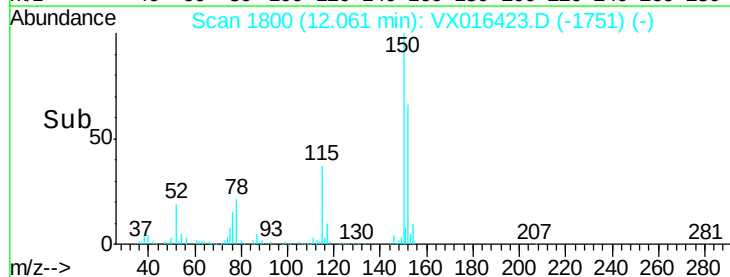
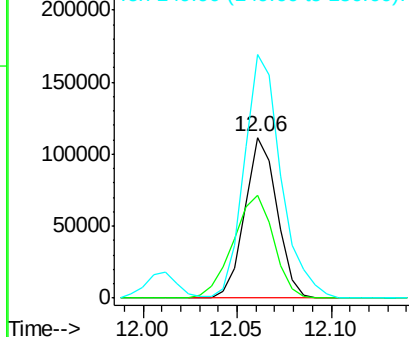
152 100

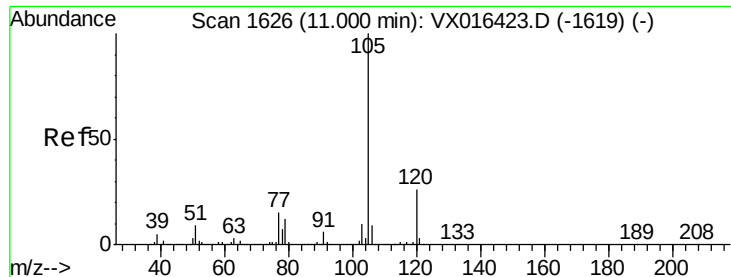
115 80.8 40.4 121.2

150 172.9 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: 48.203 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 460198

Ion Ratio Lower Upper

105 100

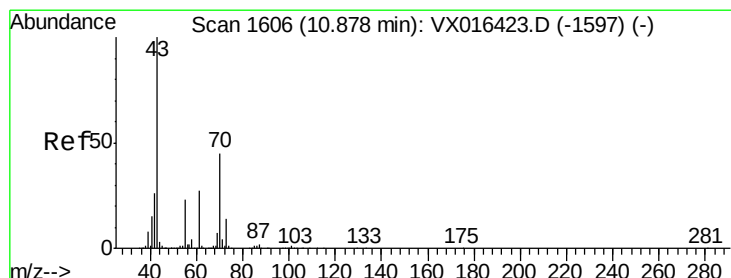
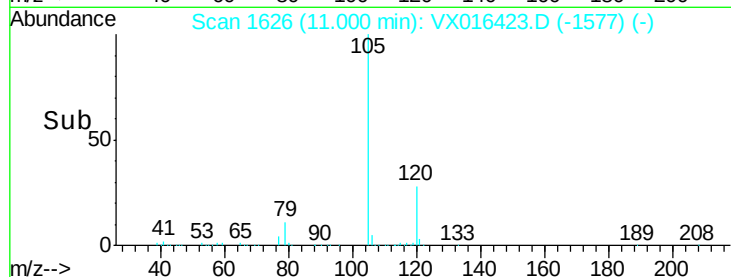
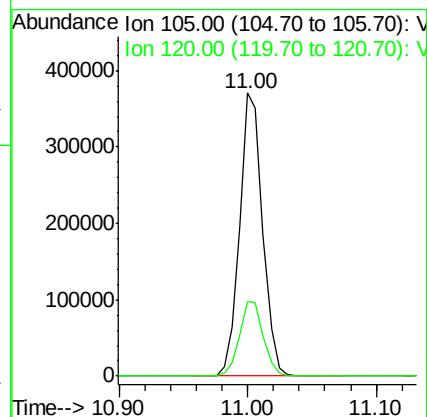
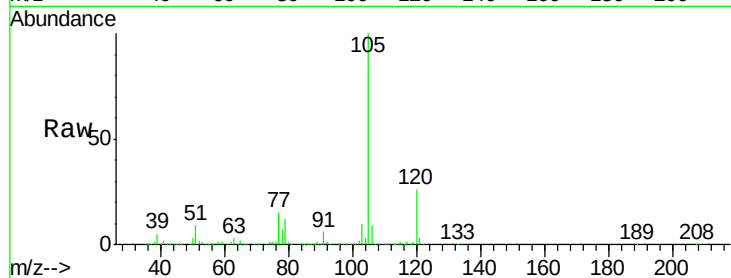
120 27.3 13.7 41.0

Manual Integrations

APPROVED

MMDadoda

5/27/2020 12:27:20 PM



#74

N-ethyl acetate

Concen: 43.770 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Tgt Ion: 43 Resp: 191441

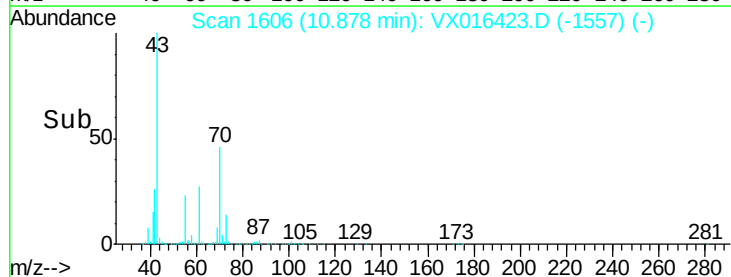
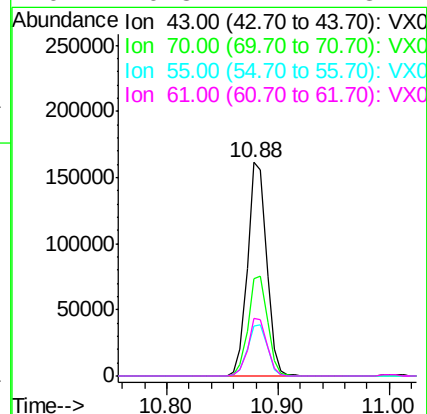
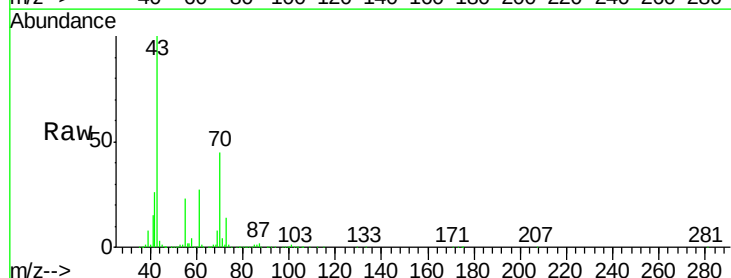
Ion Ratio Lower Upper

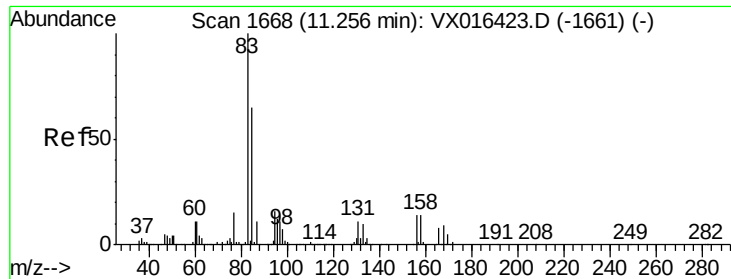
43 100

70 47.5 38.0 57.0

55 25.0 20.0 30.0

61 26.8 21.4 32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 63.079 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Instrument :

MSVOA_X

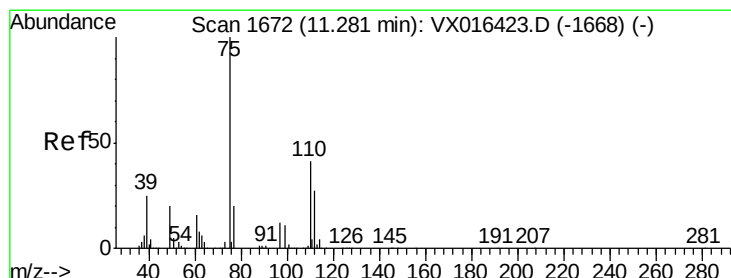
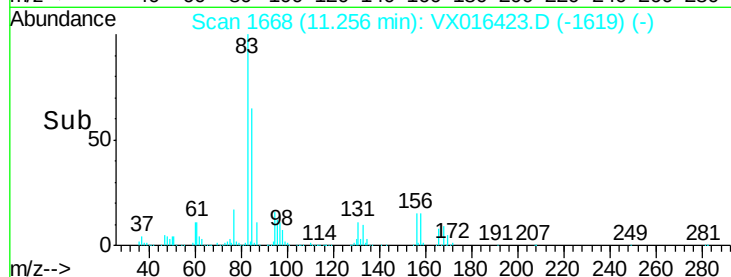
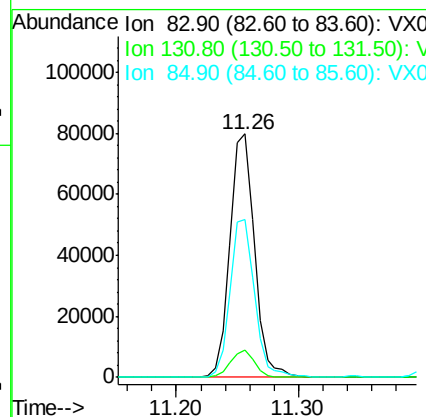
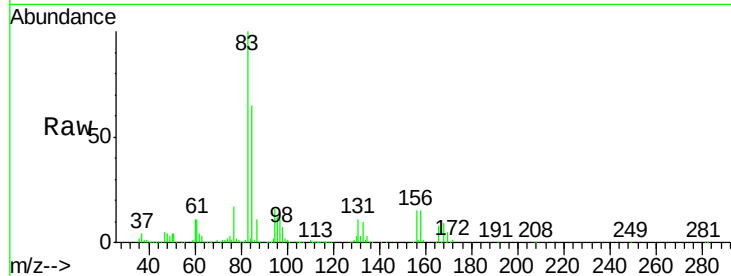
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	110594
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.4	16.2
85	65.1	32.6	97.7

Manual Integrations
APPROVED

MMDadoda
5/27/2020 12:27:20 PM



#76

1,2,3-Trichloropropane

Concen: 46.764 ug/l m

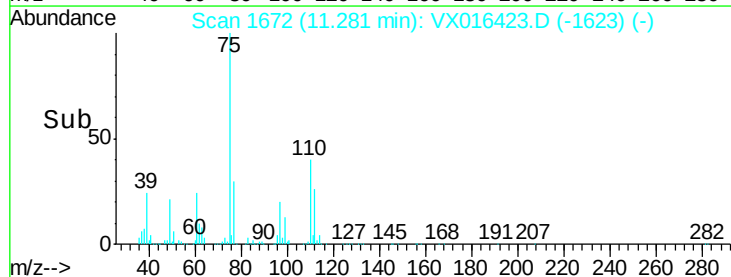
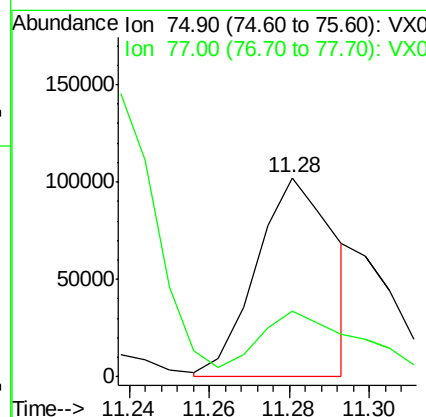
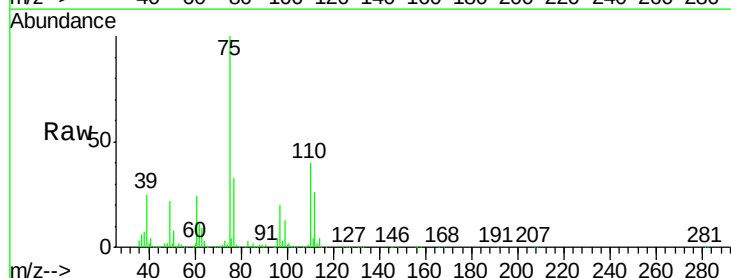
RT: 11.28 min Scan# 1672

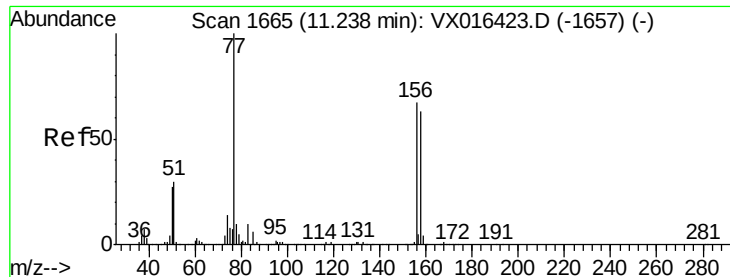
Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Tgt Ion:	75	Resp:	138477
Ion Ratio	Lower	Upper	
75	100		
77	42.9	21.4	64.3





#77

Bromobenzene

Concen: 48.181 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Instrument :

MSVOA_X

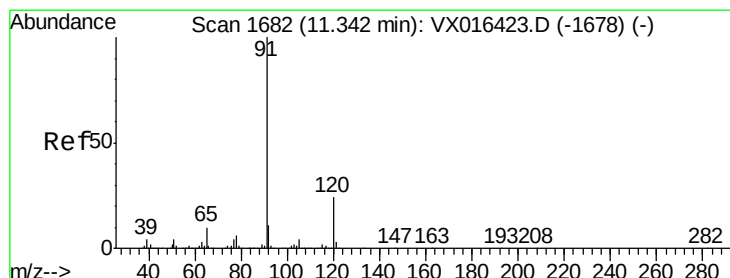
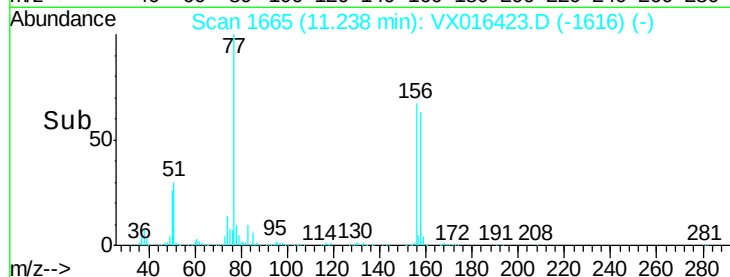
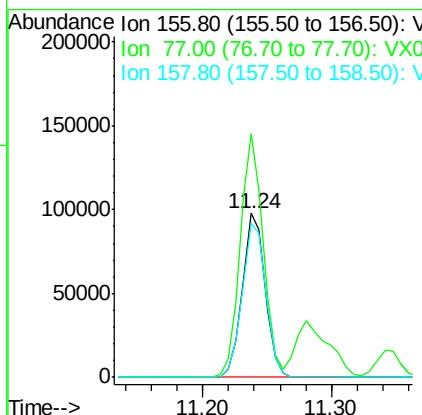
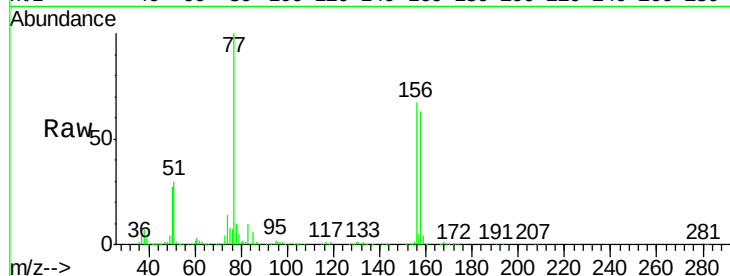
ClientSampleId :

VSTDICCC050

Tot Ion:	156	Resp:	119519
Ion Ratio	Lower	Upper	
156	100		
77	149.2	74.6	223.8
158	97.4	48.7	146.1

Manual Integrations
APPROVED

MMDadoda
5/27/2020 12:27:20 PM



#78

n-propylbenzene

Concen: 46.841 ug/l

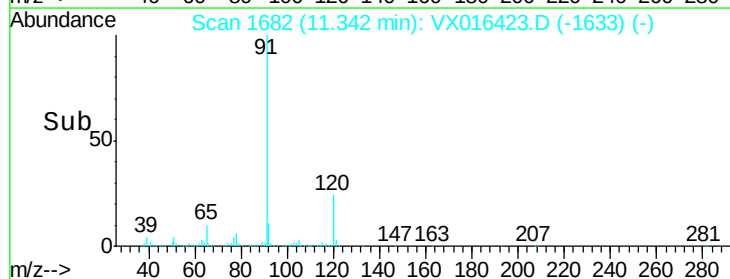
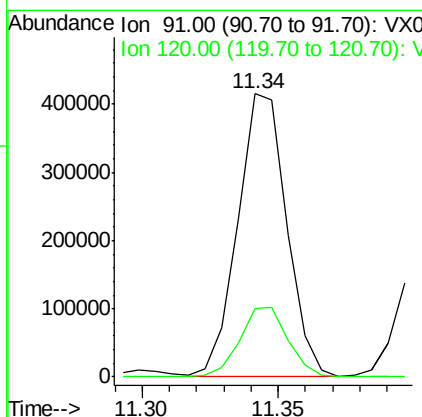
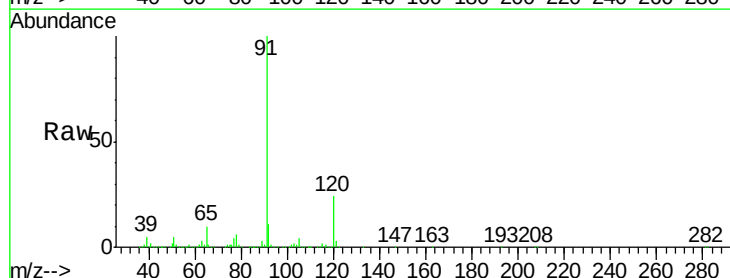
RT: 11.34 min Scan# 1682

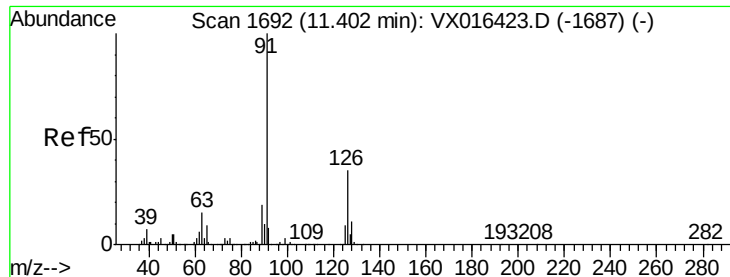
Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Tgt Ion:	91	Resp:	519003
Ion Ratio	Lower	Upper	
91	100		
120	24.2	12.1	36.3





#79

2-Chlorotoluene

Concen: 46.735 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 306223

Ion Ratio Lower Upper

91 100

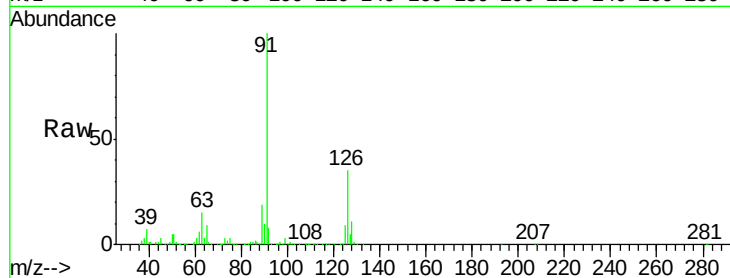
126 35.4 17.7 53.1

Manual Integrations

APPROVED

MMDadoda

5/27/2020 12:27:20 PM



Abundance Ion 91.00 (90.70 to 91.70): VX016423.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX016423.D (-1687) (-)

400000

300000

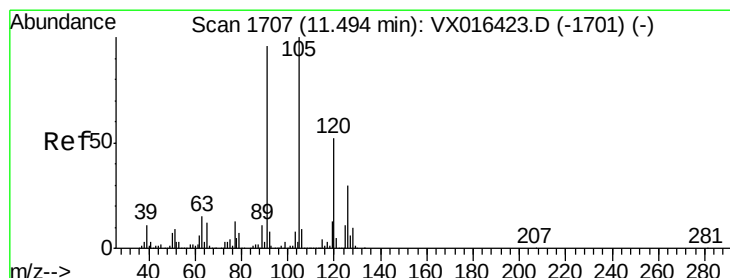
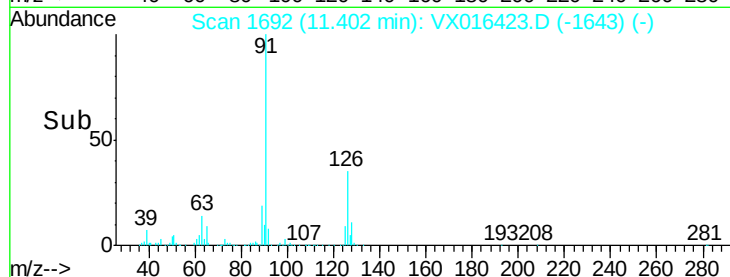
200000

100000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 47.809 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016423.D

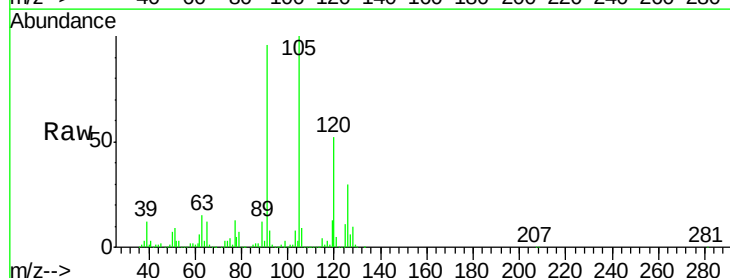
Acq: 26 May 2020 13:39

Tgt Ion: 105 Resp: 385166

Ion Ratio Lower Upper

105 100

120 50.0 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VX016423.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX016423.D (-1701) (-)

300000

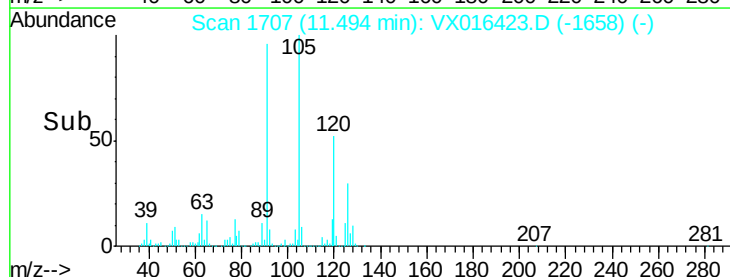
200000

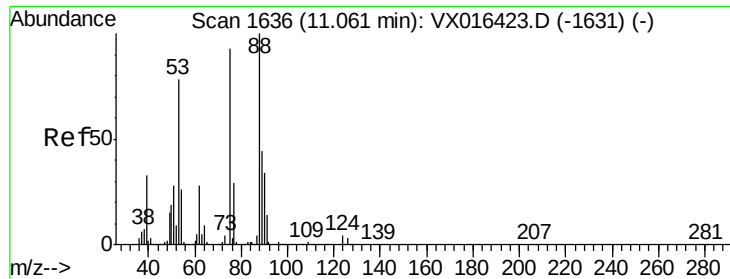
100000

0

11.45 11.50 11.55

Time-->





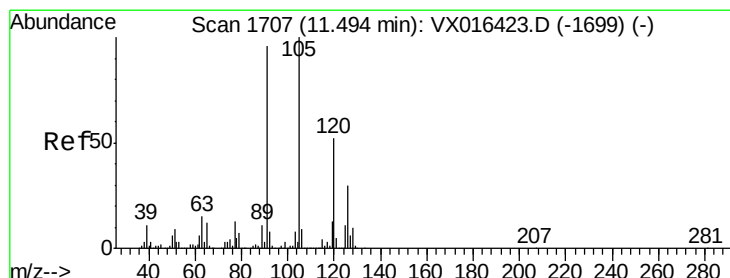
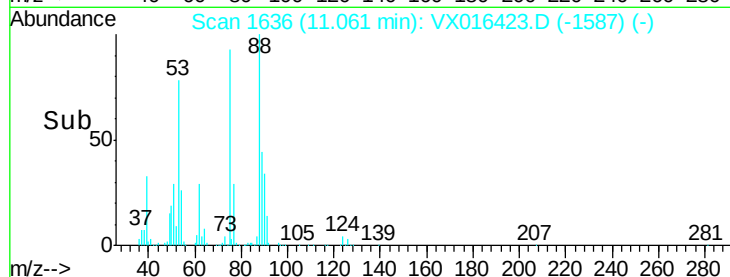
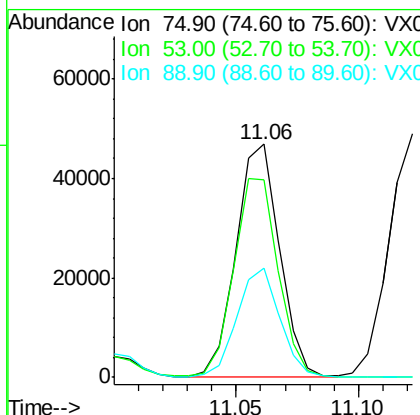
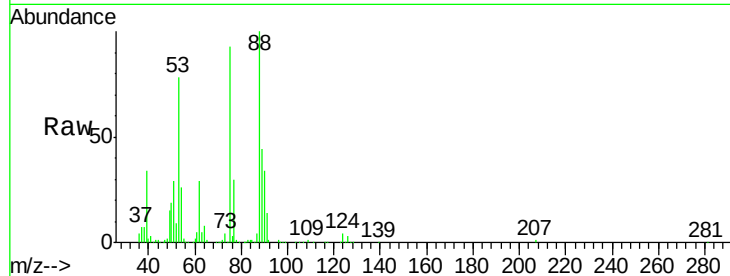
#81
trans-1,4-Dichloro-2-butene
Concen: 46.993 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	86.8	69.4	104.2
89	46.3	37.0	55.6

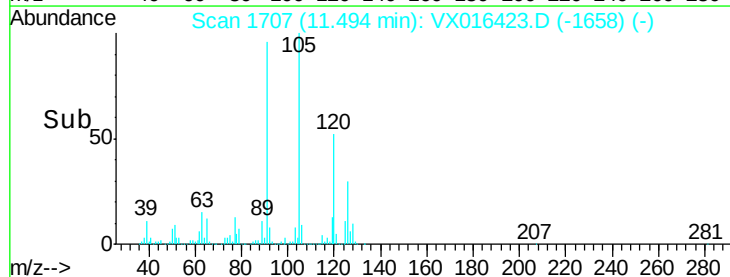
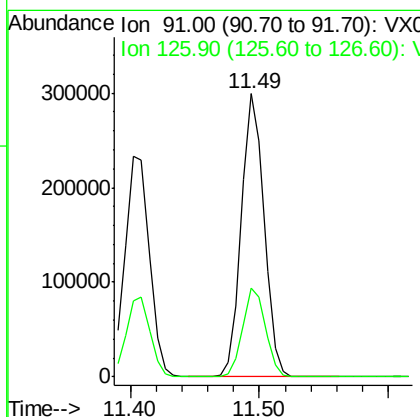
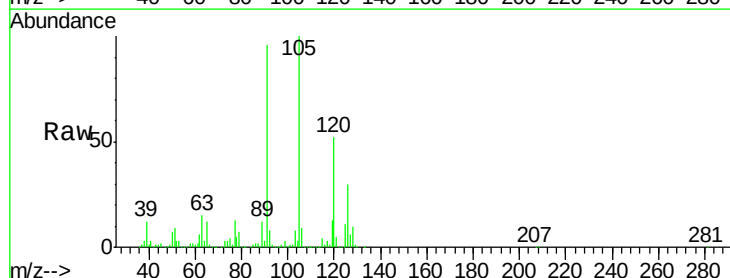
Manual Integrations
APPROVED

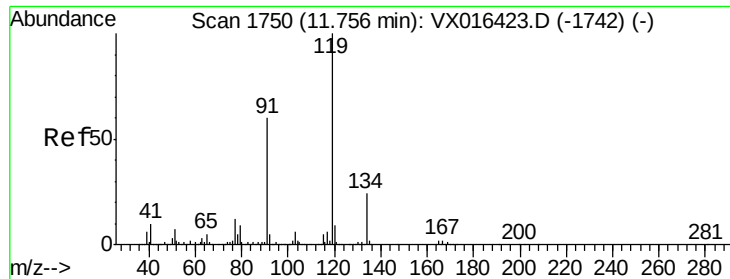
MMDadoda
5/27/2020 12:27:20 PM



#82
4-Chlorotoluene
Concen: 47.292 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.3	15.7	47.0





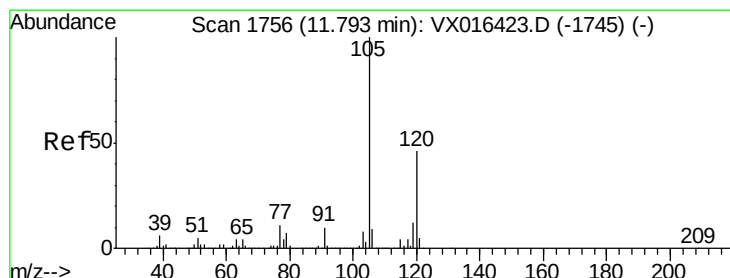
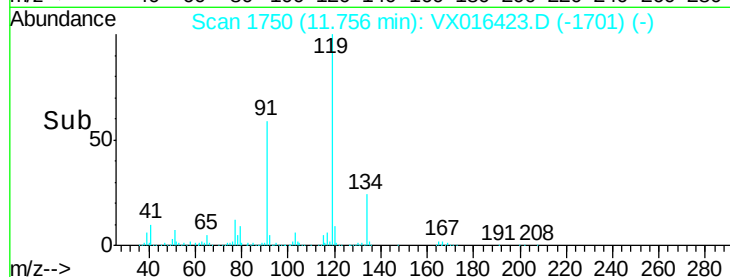
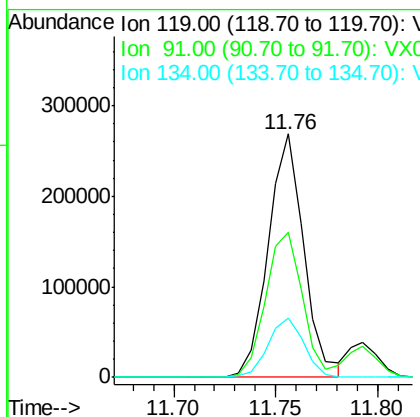
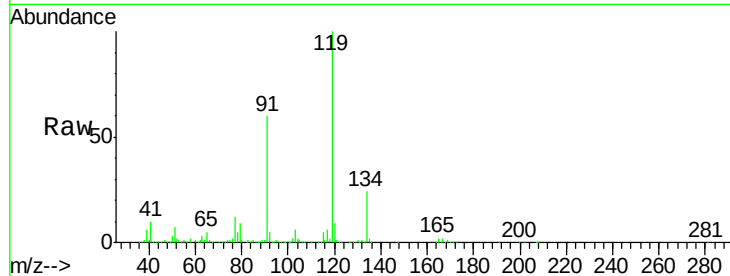
#83
tert-Butylbenzene
Concen: 47.141 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	327127		
91	61.5	30.8	92.3	
134	24.6	12.3	36.9	

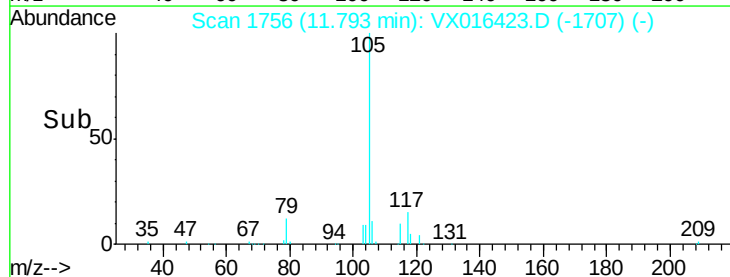
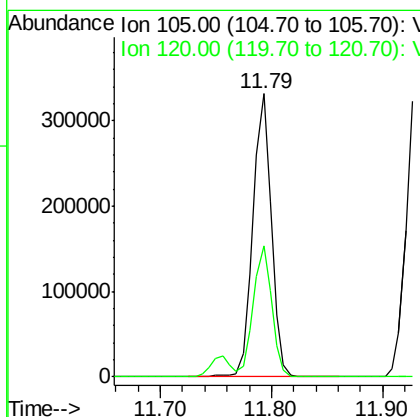
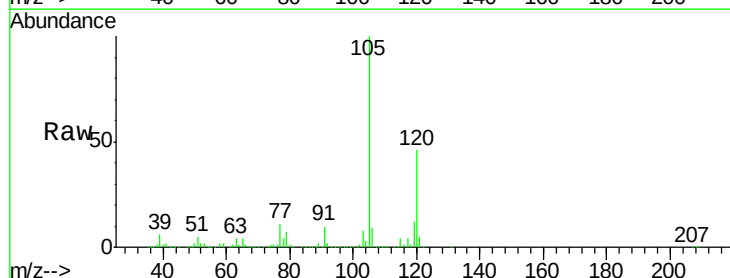
Manual Integrations
APPROVED

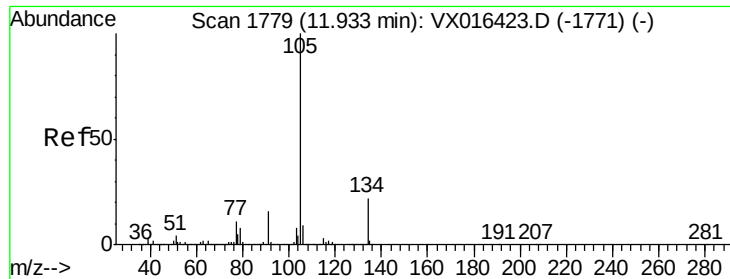
MMDadoda
5/27/2020 12:27:20 PM



#84
1,2,4-Trimethylbenzene
Concen: 47.165 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	383354		
120	46.4	23.2	69.6	





#85

sec-Butylbenzene

Concen: 45.147 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 419132

Ion Ratio Lower Upper

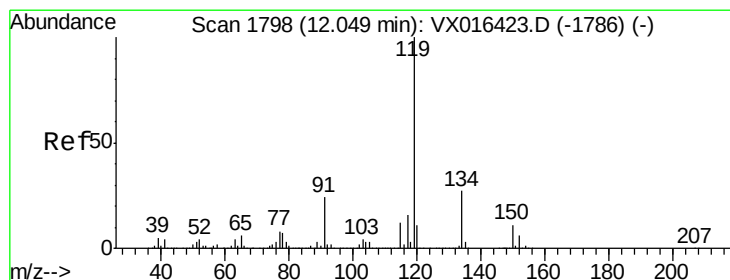
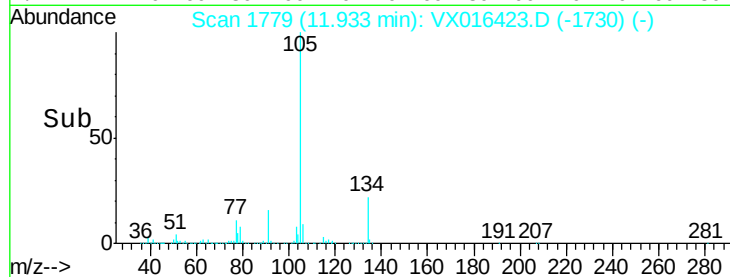
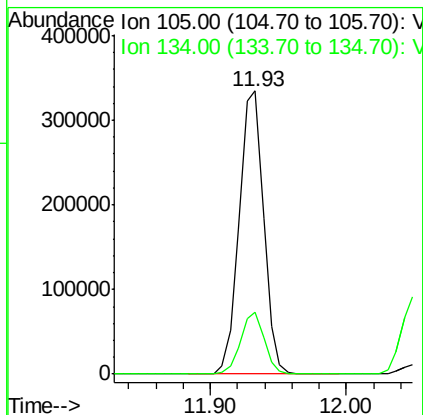
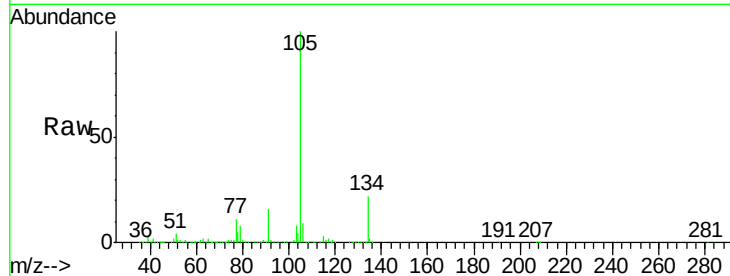
105 100

134 21.1 10.5 31.6

Manual Integrations
APPROVED

MMDadoda

5/27/2020 12:27:20 PM



#86

p-Isopropyltoluene

Concen: 44.857 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

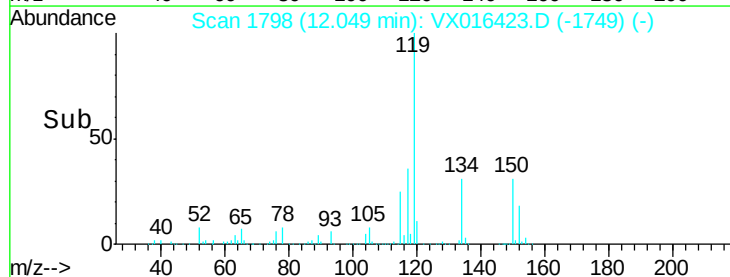
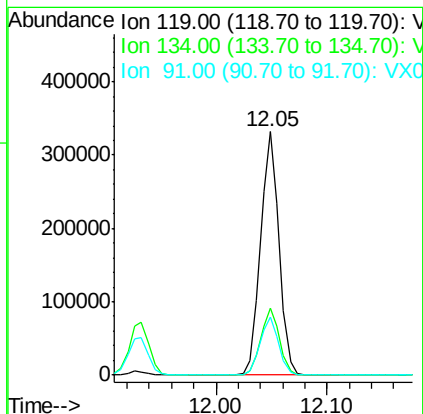
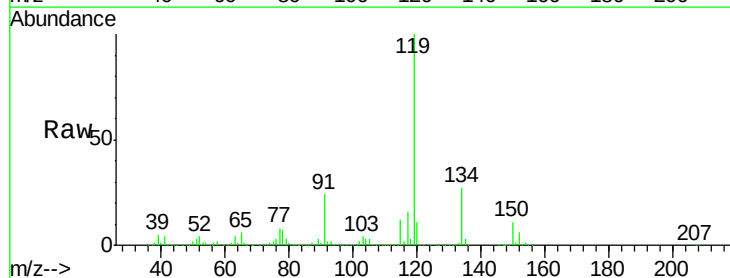
Tgt Ion:119 Resp: 385690

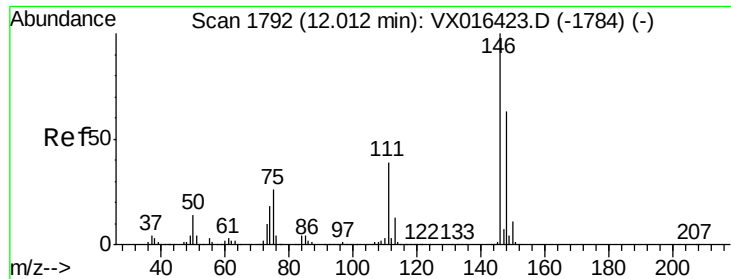
Ion Ratio Lower Upper

119 100

134 27.5 13.8 41.3

91 23.7 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 46.582 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Instrument :

MSVOA_X

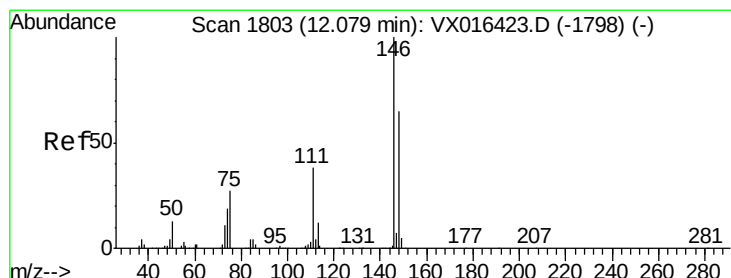
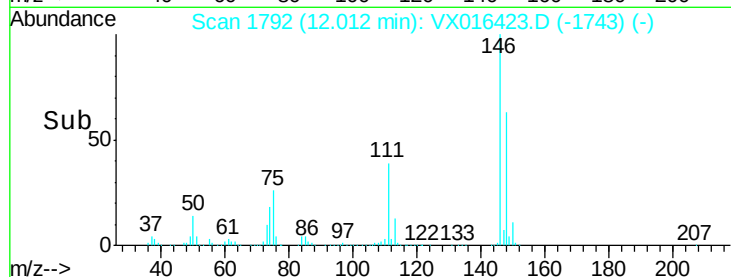
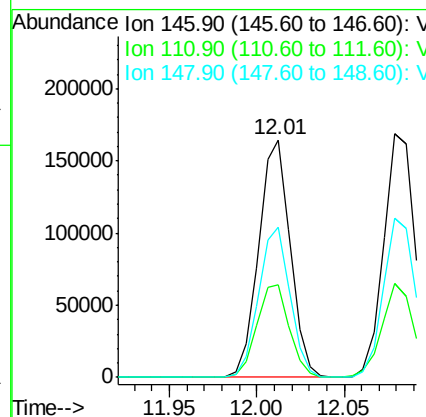
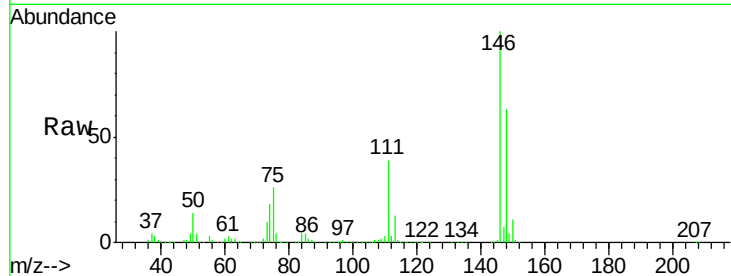
ClientSampleId :

VSTDICCC050

Tot Ion:	146	Resp:	206406
Ion Ratio	Lower	Upper	
146	100		
111	40.1	20.1	60.2
148	62.8	31.4	94.2

Manual Integrations
APPROVED

MMDadoda
5/27/2020 12:27:20 PM



#88

1,4-Dichlorobenzene

Concen: 46.660 ug/l

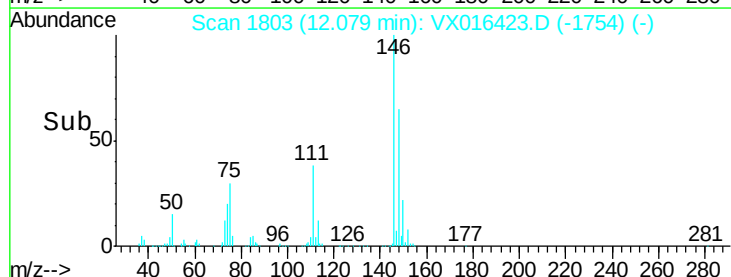
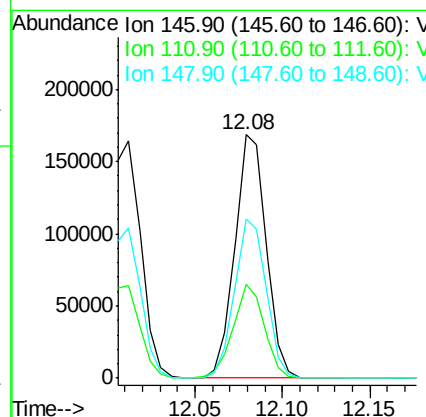
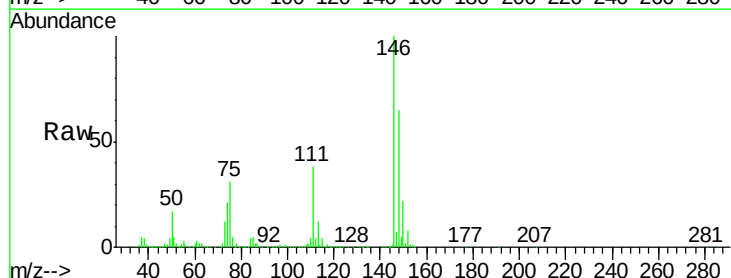
RT: 12.08 min Scan# 1803

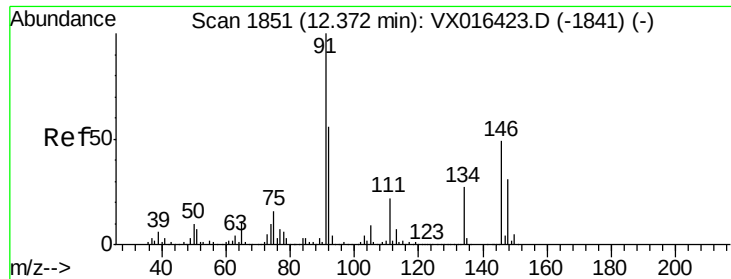
Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Tgt Ion:	146	Resp:	209968
Ion Ratio	Lower	Upper	
146	100		
111	38.4	19.2	57.6
148	66.1	33.1	99.2





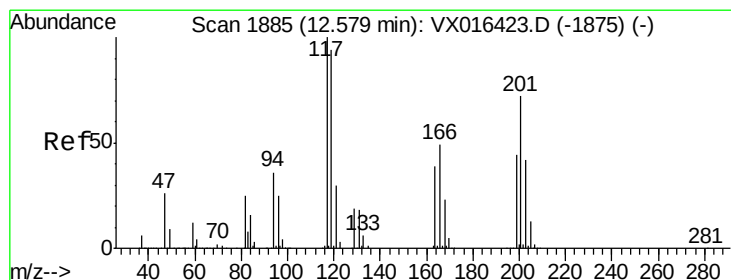
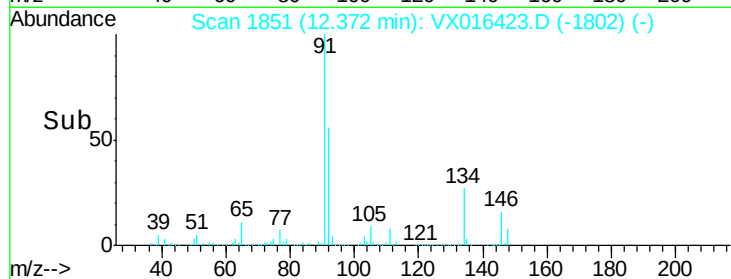
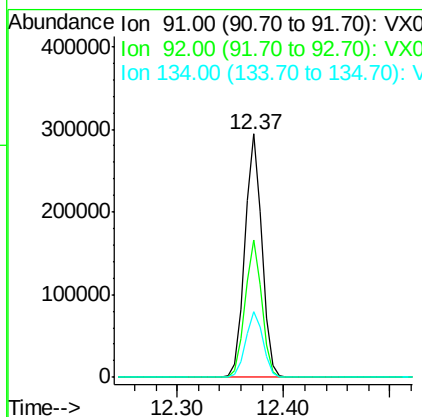
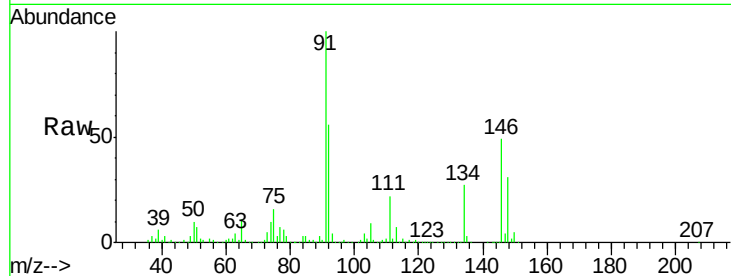
#89
n-Butylbenzene
Concen: 42.139 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	55.2	27.6	82.8	
134	27.4	13.7	41.1	

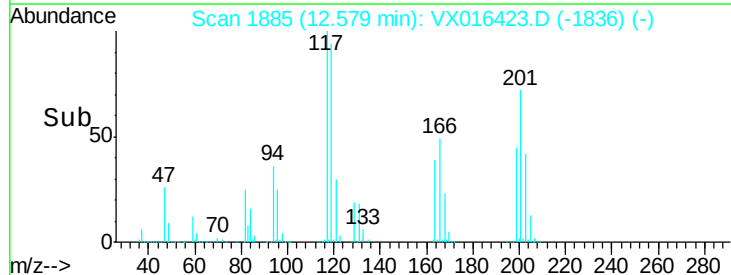
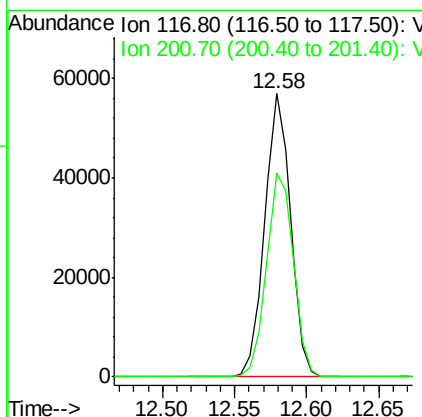
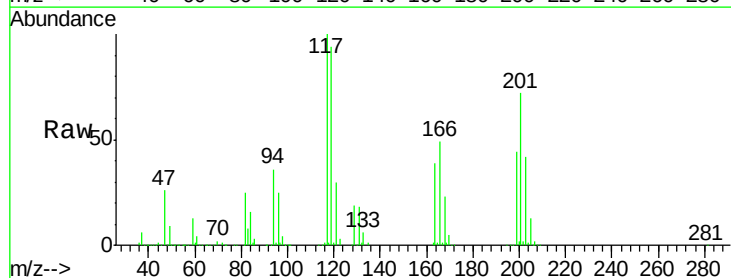
Manual Integrations
APPROVED

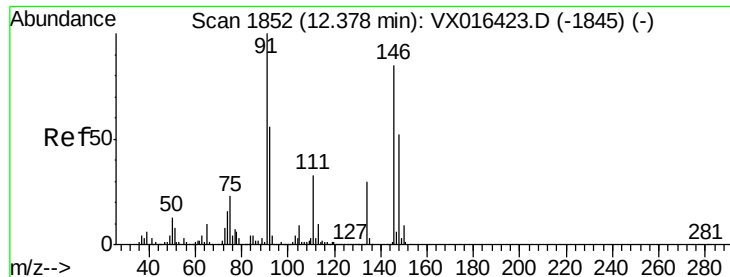
MMDadoda
5/27/2020 12:27:20 PM



#90
Hexachloroethane
Concen: 47.353 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016423.D
Acq: 26 May 2020 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	75.3	37.6	112.9	





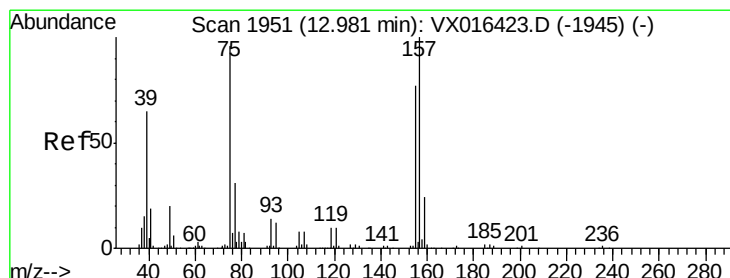
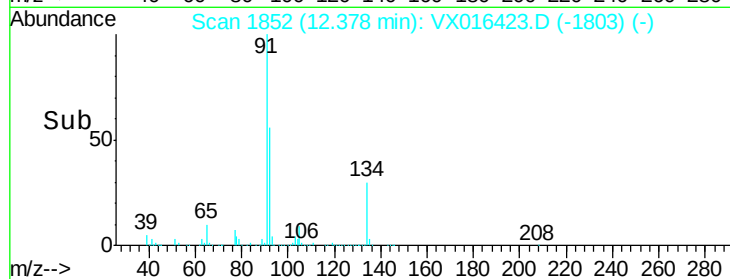
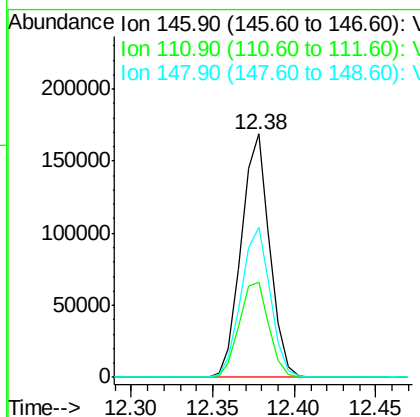
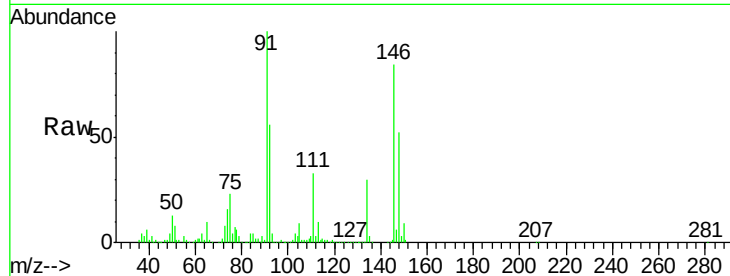
#91
 1,2-Dichlorobenzene
 Concen: 47.866 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016423.D
 Acq: 26 May 2020 13:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.4	61.3
148	63.2	31.6	94.8

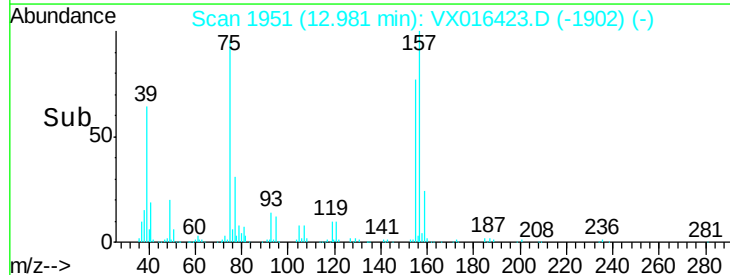
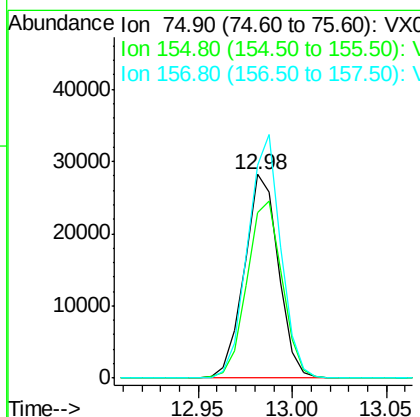
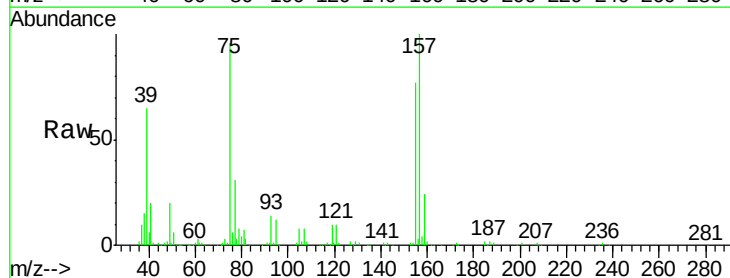
Manual Integrations
 APPROVED

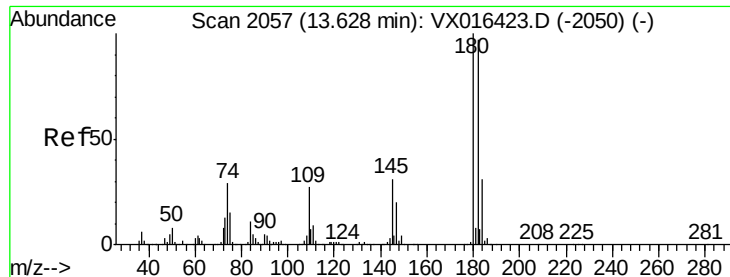
MMDadoda
 5/27/2020 12:27:20 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.279 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX016423.D
 Acq: 26 May 2020 13:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.6	44.8	134.4
157	115.6	57.8	173.4





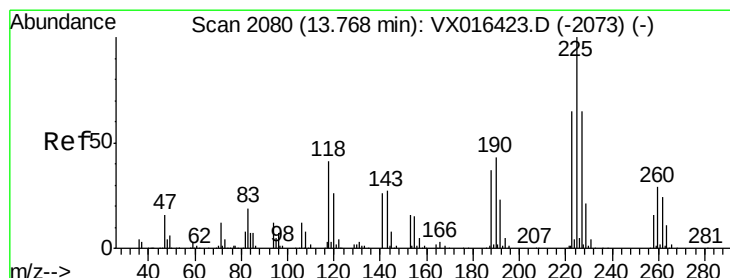
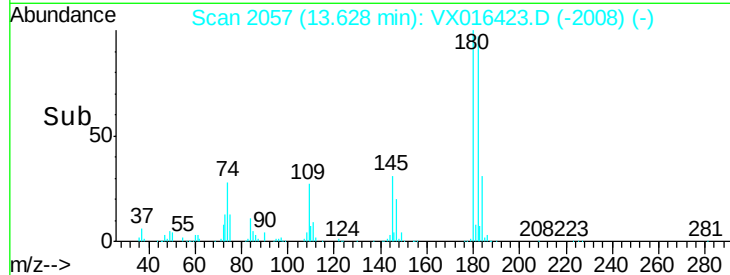
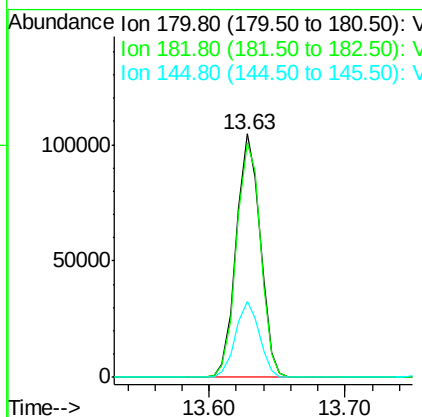
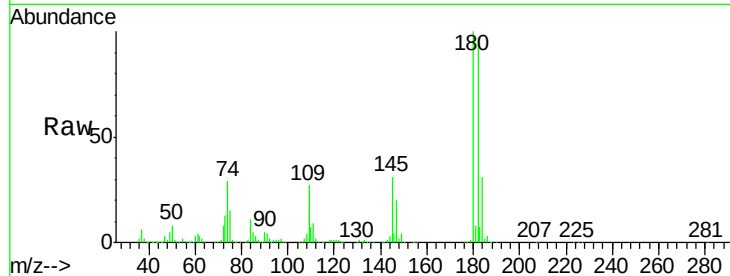
#93
 1,2,4-Trichlorobenzene
 Concen: 41.302 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016423.D
 Acq: 26 May 2020 13:39

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	128421		
182	97.2	48.6	145.8	
145	31.0	15.5	46.5	

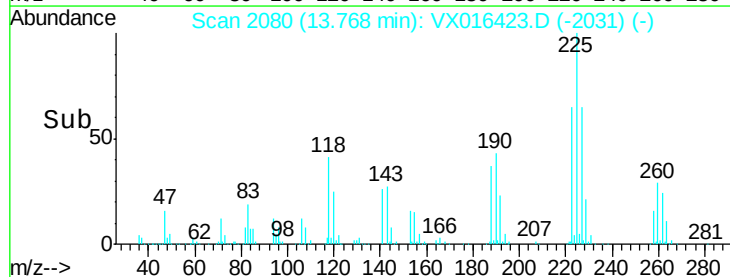
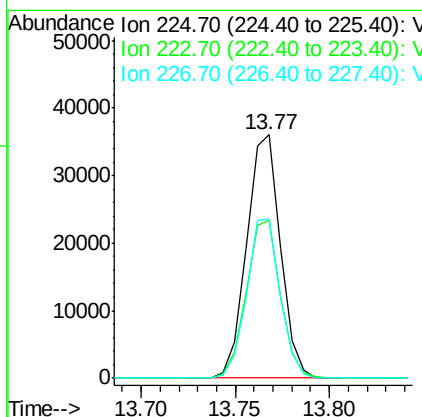
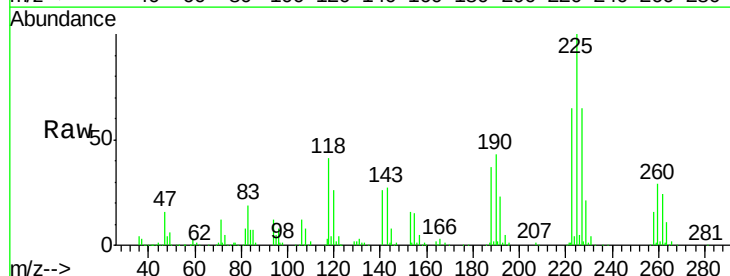
Manual Integrations
 APPROVED

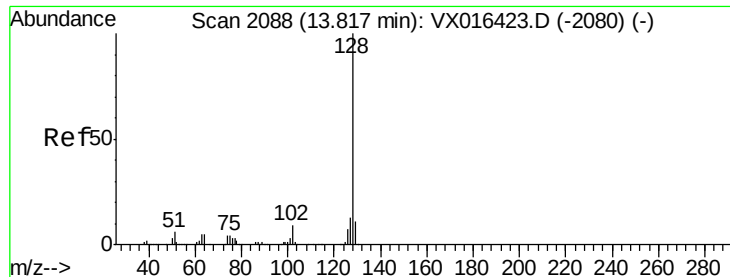
MMDadoda
 5/27/2020 12:27:20 PM



#94
 Hexachlorobutadiene
 Concen: 32.085 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016423.D
 Acq: 26 May 2020 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	44611		
223	65.3	32.6	98.0	
227	64.9	32.5	97.4	





#95

Naphthalene

Concen: 46.493 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Instrument :

MSVOA_X

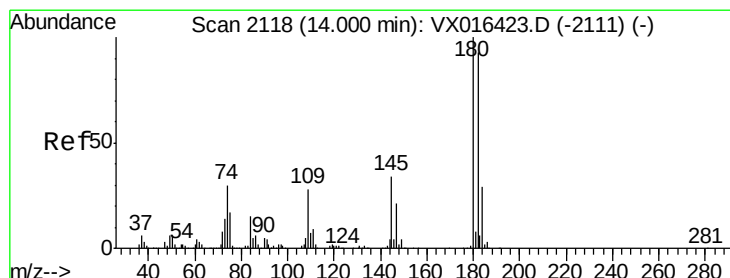
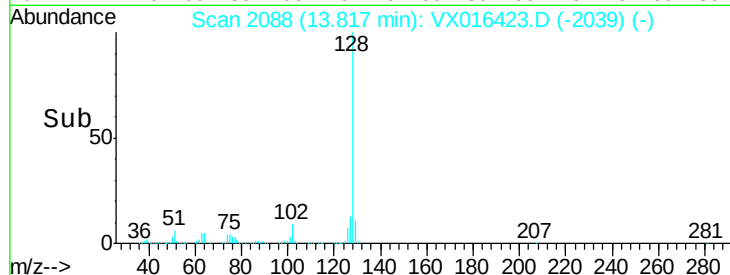
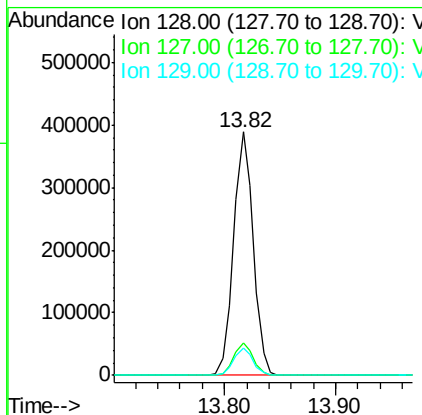
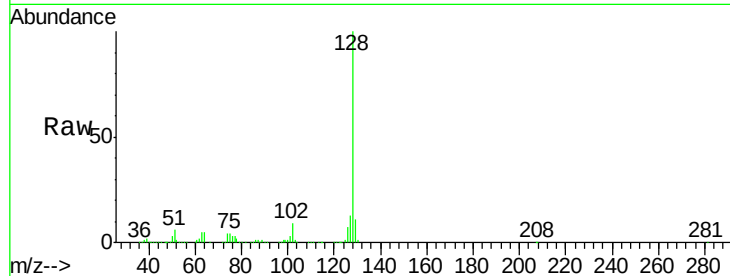
ClientSampleId :

VSTDICCC050

Tot Ion:	128	Resp:	473443
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.5	15.7
129	11.1	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
5/27/2020 12:27:20 PM



#96

1,2,3-Trichlorobenzene

Concen: 41.614 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX016423.D

Acq: 26 May 2020 13:39

Tgt Ion:	180	Resp:	125861
Ion Ratio	Lower	Upper	
180	100		
182	96.4	48.2	144.6
145	32.6	16.3	48.9

