

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051420\
 Data File : VX016246.D
 Acq On : 14 May 2020 20:55
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/15/2020 12:29:32 PM

Quant Time: May 15 04:28:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	255047	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	414329	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	391120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	202526	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	155299	46.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.54%	
35) Dibromofluoromethane	5.47	113	123819	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	
50) Toluene-d8	8.70	98	488644	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
62) 4-Bromofluorobenzene	11.12	95	194329	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	133975	49.628	ug/l	99
3) Chloromethane	1.31	50	135999	43.379	ug/l	98
4) Vinyl Chloride	1.39	62	154319	46.136	ug/l	98
5) Bromomethane	1.62	94	68803	40.801	ug/l	99
6) Chloroethane	1.70	64	92863	45.629	ug/l	99
7) Trichlorofluoromethane	1.91	101	206698	47.070	ug/l	100
8) Diethyl Ether	2.17	74	83482	45.119	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	119116	47.016	ug/l	99
10) Methyl Iodide	2.49	142	129385	38.020	ug/l	99
11) Tert butyl alcohol	3.02	59	189454	223.232	ug/l	100
12) 1,1-Dichloroethene	2.35	96	118930	44.858	ug/l	94
13) Acrolein	2.27	56	141574	266.578	ug/l	100
14) Allyl chloride	2.70	41	215470	44.325	ug/l	95
15) Acrylonitrile	3.12	53	419864	238.477	ug/l	99
16) Acetone	2.42	43	327004	218.369	ug/l	94
17) Carbon Disulfide	2.55	76	340862	42.782	ug/l	99
18) Methyl Acetate	2.75	43	179022	48.621	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	446909	48.898	ug/l	99
20) Methylene Chloride	2.83	84	139935	45.330	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	135071	45.718	ug/l	99
22) Diisopropyl ether	3.82	45	433363	47.254	ug/l	94
23) Vinyl Acetate	3.79	43	1892819	234.596	ug/l	99
24) 1,1-Dichloroethane	3.67	63	245272	47.810	ug/l	99
25) 2-Butanone	4.64	43	572221	237.135	ug/l	99
26) 2,2-Dichloropropane	4.55	77	192023	40.986	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	154511	47.837	ug/l	97
28) Bromochloromethane	4.98	49	110458	47.219	ug/l	97
29) Tetrahydrofuran	5.09	42	372865	233.202	ug/l	98
30) Chloroform	5.18	83	246863	48.329	ug/l	98
31) Cyclohexane	5.55	56	216505	46.437	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	224625	48.379	ug/l	99
36) 1,1-Dichloropropene	5.77	75	185821	45.561	ug/l	100
37) Ethyl Acetate	4.79	43	215968	45.687	ug/l	99
38) Carbon Tetrachloride	5.76	117	198390	47.857	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051420\
 Data File : VX016246.D
 Acq On : 14 May 2020 20:55
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/15/2020 12:29:32 PM

Quant Time: May 15 04:28:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	211227	43.006	ug/l	99
40) Benzene	6.11	78	567056	47.518	ug/l	98
41) Methacrylonitrile	5.01	41	119909	46.970	ug/l	98
42) 1,2-Dichloroethane	6.17	62	194988	45.359	ug/l	98
43) Isopropyl Acetate	6.42	43	346858	45.989	ug/l	99
44) Trichloroethene	7.19	130	179811	42.413	ug/l	99
45) 1,2-Dichloropropane	7.49	63	146809	48.619	ug/l	98
46) Dibromomethane	7.64	93	97524	47.526	ug/l	100
47) Bromodichloromethane	7.88	83	203451	48.681	ug/l	96
48) Methyl methacrylate	7.75	41	162692	45.523	ug/l	94
49) 1,4-Dioxane	7.72	88	73328	855.504	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1103741	239.143	ug/l	97
52) Toluene	8.77	92	360482	48.463	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	233417	46.843	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	244464	46.970	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	146041	49.903	ug/l	99
56) Ethyl methacrylate	9.16	69	241114	50.474	ug/l	94
57) 1,3-Dichloropropane	9.35	76	251341	49.220	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	619756	243.697	ug/l	100
59) 2-Hexanone	9.48	43	854783	235.829	ug/l	97
60) Dibromochloromethane	9.57	129	163848	50.835	ug/l	99
61) 1,2-Dibromoethane	9.65	107	155721	49.124	ug/l	100
64) Tetrachloroethene	9.32	164	207997	43.319	ug/l	99
65) Chlorobenzene	10.12	112	386801	47.231	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	148487	49.055	ug/l	99
67) Ethyl Benzene	10.24	91	685306	46.899	ug/l	99
68) m/p-Xylenes	10.34	106	521586	95.272	ug/l	100
69) o-Xylene	10.68	106	253737	48.216	ug/l	100
70) Styrene	10.70	104	444825	49.825	ug/l	99
71) Bromoform	10.84	173	126438	51.269	ug/l	100
73) Isopropylbenzene	11.00	105	676265	45.909	ug/l	100
74) N-amyl acetate	10.88	43	303068	44.108	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	170035	57.641	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	211119m	45.937	ug/l	
77) Bromobenzene	11.24	156	175401	46.131	ug/l	99
78) n-propylbenzene	11.35	91	770007	44.933	ug/l	99
79) 2-Chlorotoluene	11.40	91	467324	46.199	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	577557	46.437	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	86591	44.900	ug/l	96
82) 4-Chlorotoluene	11.49	91	550181	46.059	ug/l	100
83) tert-Butylbenzene	11.76	119	497493	46.414	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	579579	46.093	ug/l	100
85) sec-Butylbenzene	11.93	105	642557	44.400	ug/l	100
86) p-Isopropyltoluene	12.05	119	595831	44.344	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	316476	46.356	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	312525	45.103	ug/l	99
89) n-Butylbenzene	12.37	91	509000	41.466	ug/l	100
90) Hexachloroethane	12.58	117	104656	45.353	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	302799	46.062	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	54087	44.654	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051420\
Data File : VX016246.D
Acq On : 14 May 2020 20:55
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

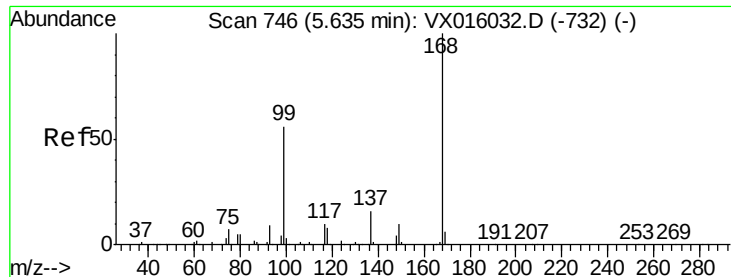
Manual Integrations
APPROVED

MMDadoda
5/15/2020 12:29:32 PM

Quant Time: May 15 04:28:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	212651	43.693	ug/l	97
94) Hexachlorobutadiene	13.77	225	74647	35.770	ug/l	99
95) Naphthalene	13.82	128	725638	46.046	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	210592	44.275	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016246.D

Acq: 14 May 2020 20:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 255047

Ion Ratio Lower Upper

168 100

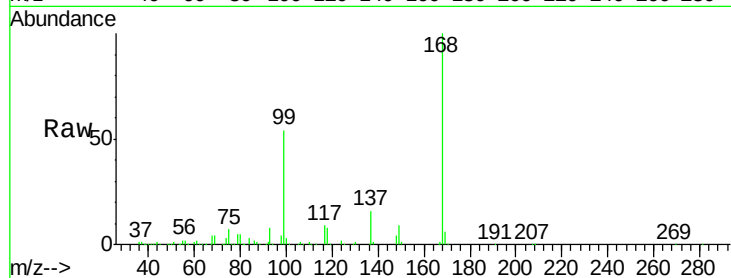
99 54.4 45.0 67.4

Manual Integrations

APPROVED

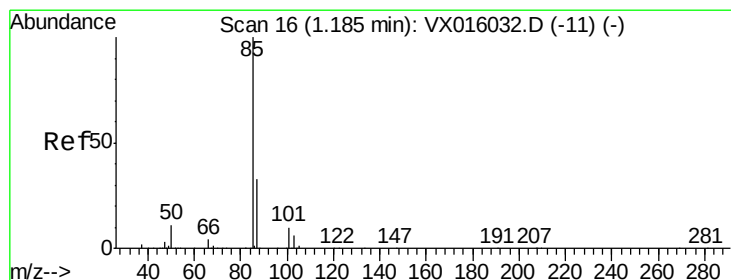
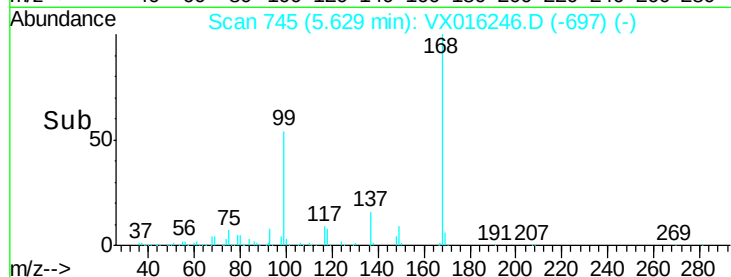
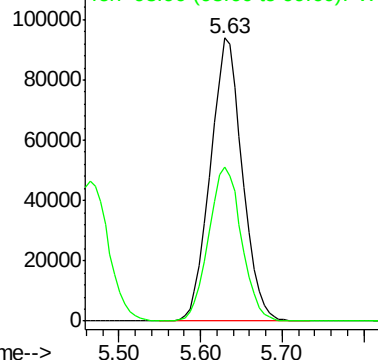
MMDadoda

5/15/2020 12:29:32 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.628 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.01 min

Lab File: VX016246.D

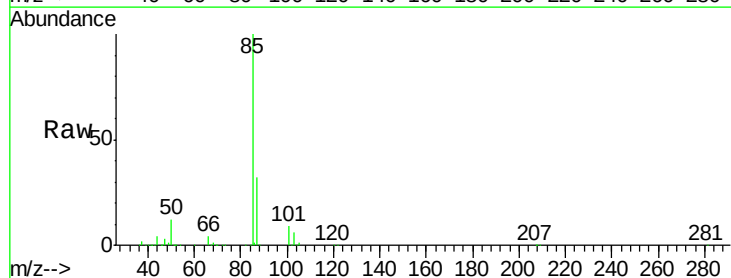
Acq: 14 May 2020 20:55

Tgt Ion: 85 Resp: 133975

Ion Ratio Lower Upper

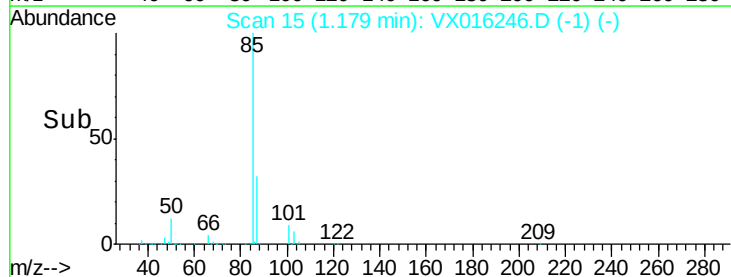
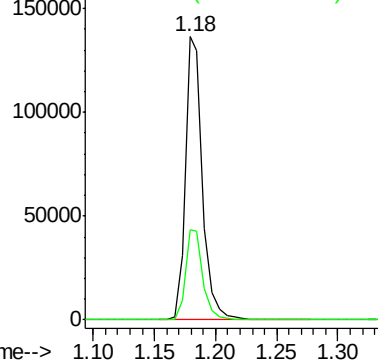
85 100

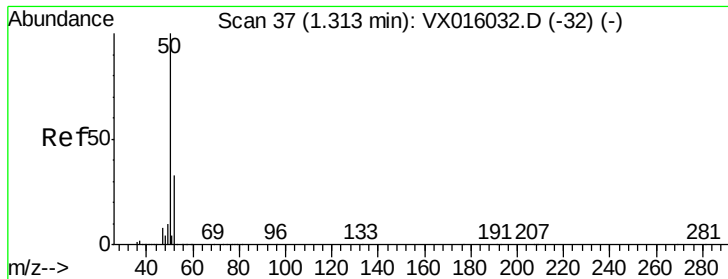
87 32.0 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 43.379 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016246.D

Acq: 14 May 2020 20:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 135999

Ion Ratio Lower Upper

50 100

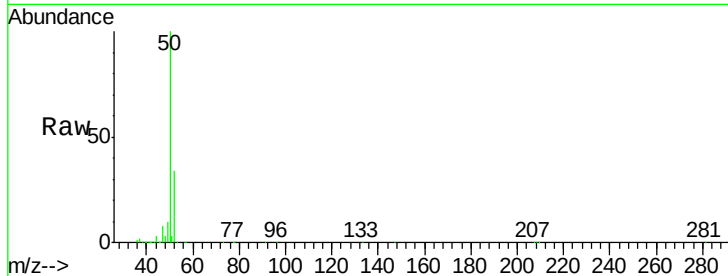
52 33.7 26.1 39.1

Manual Integrations

APPROVED

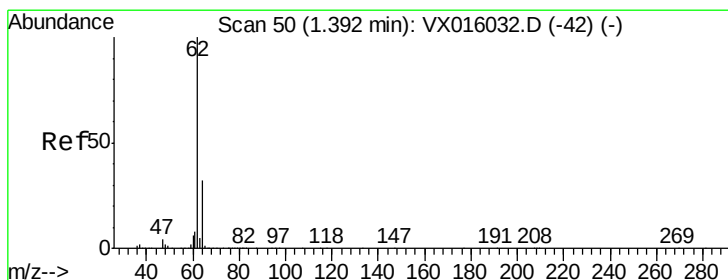
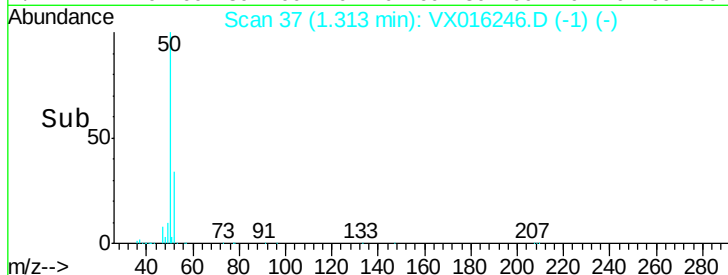
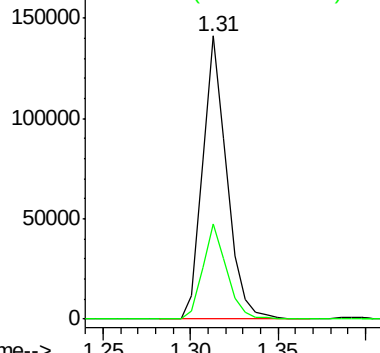
MMDadoda

5/15/2020 12:29:32 PM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 46.136 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016246.D

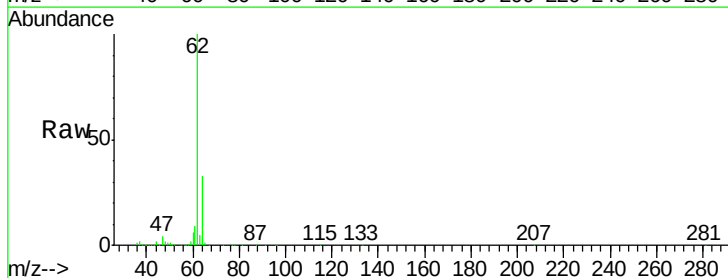
Acq: 14 May 2020 20:55

Tgt Ion: 62 Resp: 154319

Ion Ratio Lower Upper

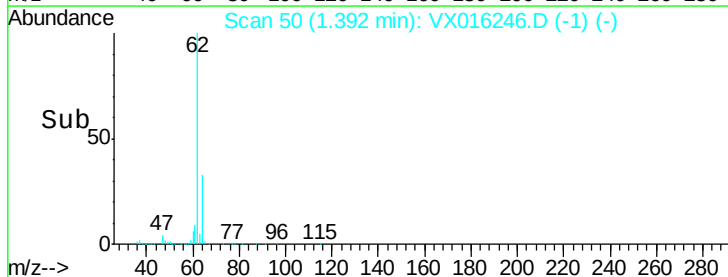
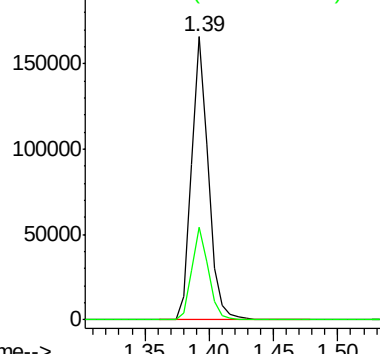
62 100

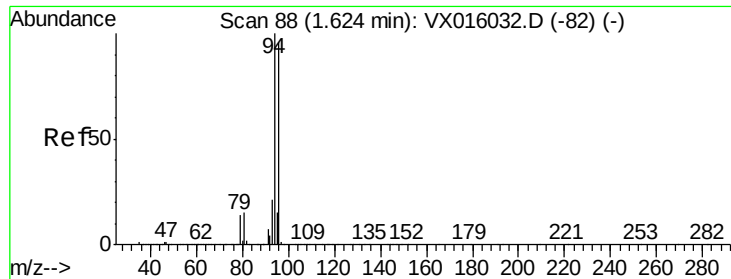
64 32.9 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 40.801 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.01 min

Lab File: VX016246.D

Acq: 14 May 2020 20:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 68803

Ion Ratio Lower Upper

94 100

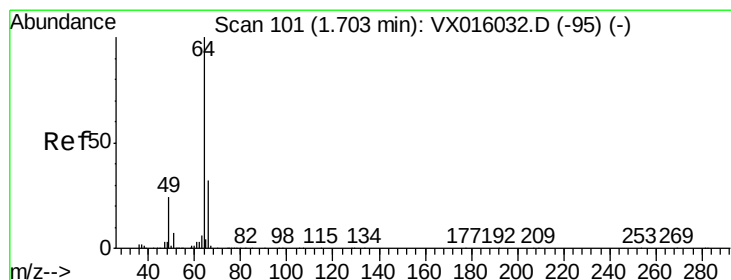
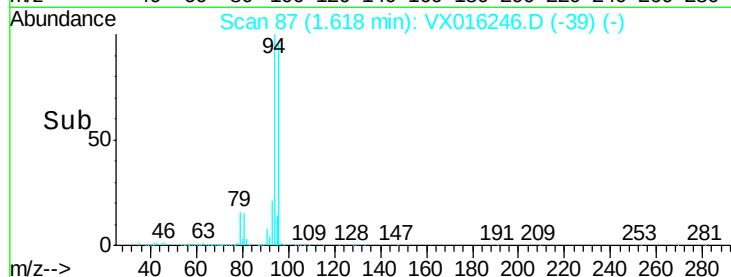
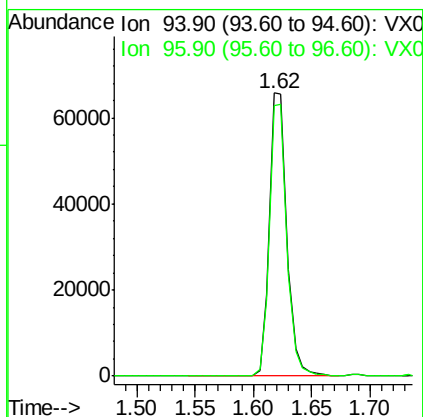
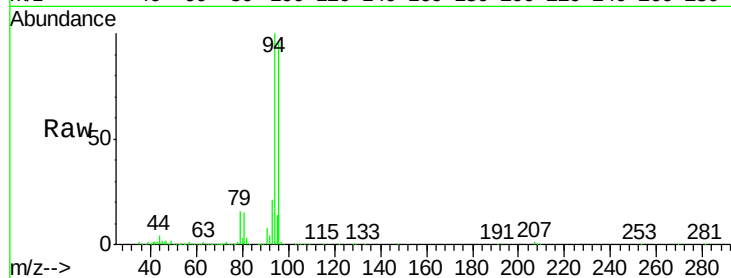
96 95.5 76.9 115.3

Manual Integrations

APPROVED

MMDadoda

5/15/2020 12:29:32 PM



#6

Chloroethane

Concen: 45.629 ug/l

RT: 1.70 min Scan# 101

Delta R.T. 0.00 min

Lab File: VX016246.D

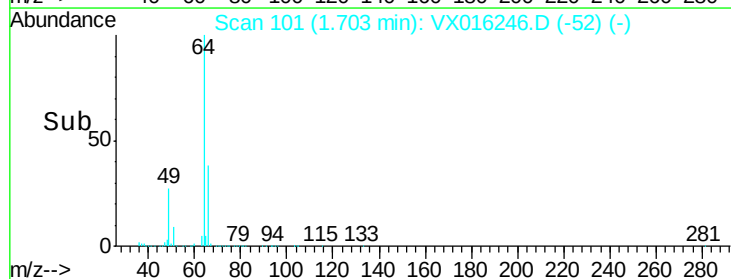
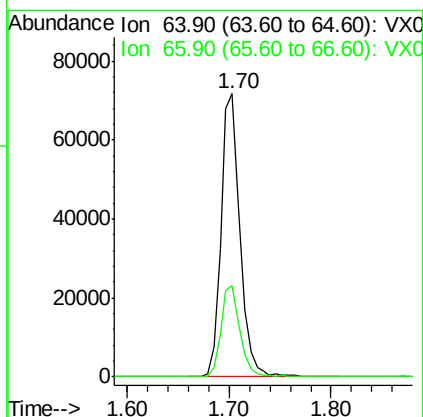
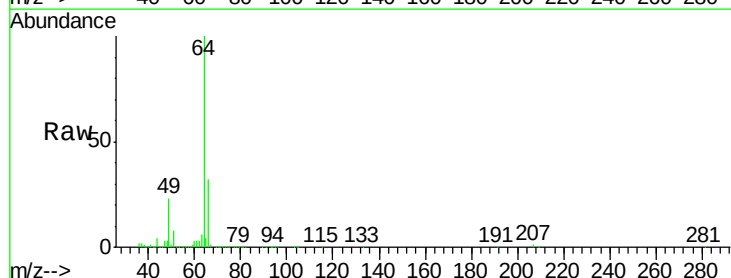
Acq: 14 May 2020 20:55

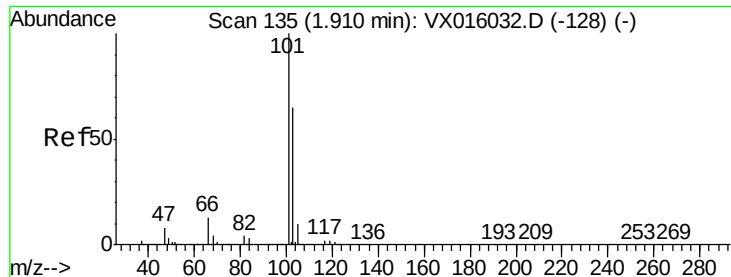
Tgt Ion: 64 Resp: 92863

Ion Ratio Lower Upper

64 100

66 32.1 25.2 37.8





#7

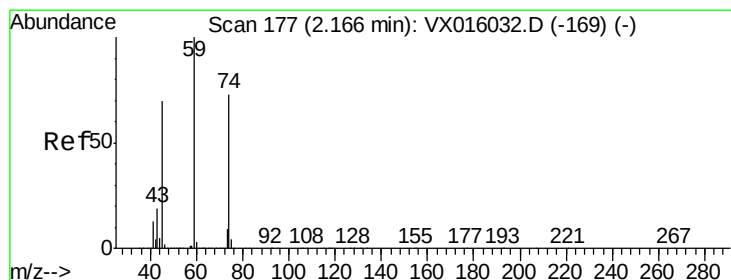
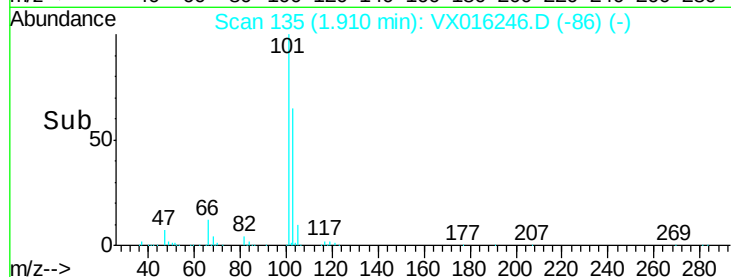
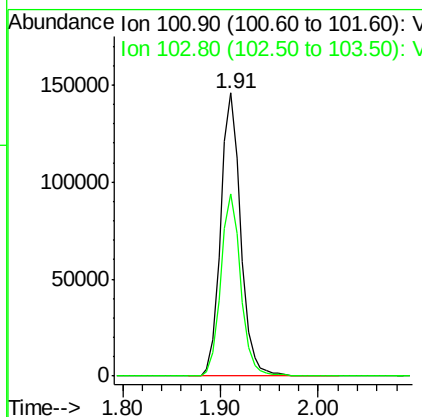
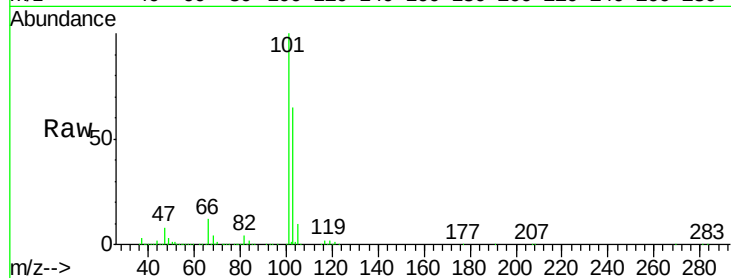
Trichlorofluoromethane
Concen: 47.070 ug/l
RT: 1.91 min Scan# 135
Delta R.T. 0.00 min
Lab File: VX016246.D
Acq: 14 May 2020 20:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		206698		
103	64.6	51.8	77.6		

Manual Integrations
APPROVED

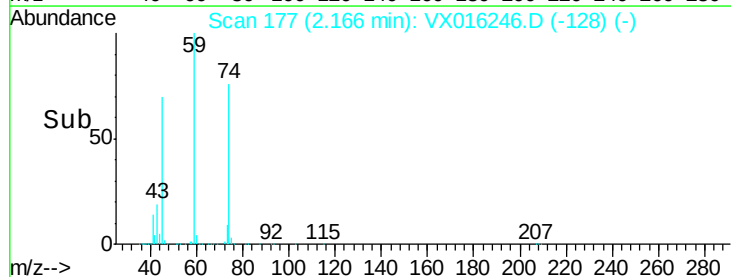
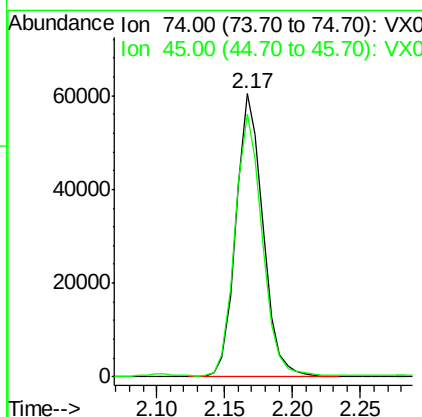
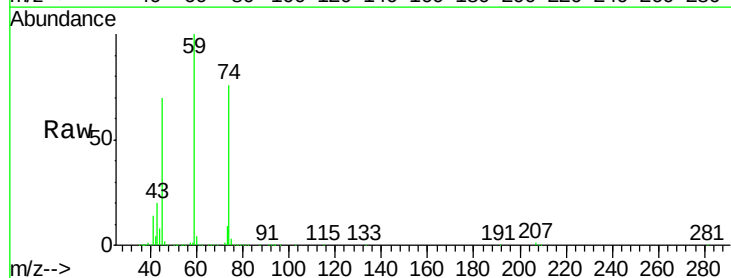
MMDadoda
5/15/2020 12:29:32 PM

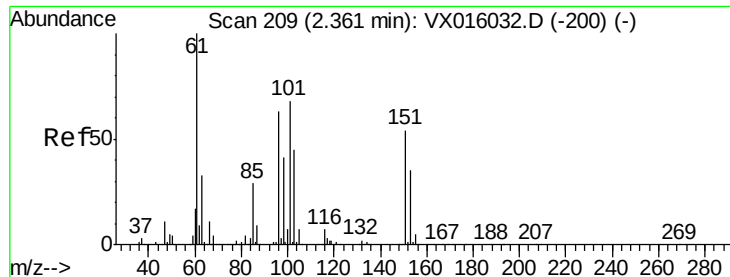


#8

Diethyl Ether
Concen: 45.119 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016246.D
Acq: 14 May 2020 20:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		83482		
45	92.9	47.3	142.0		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.016 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX016246.D

Acq: 14 May 2020 20:55

Instrument :

MSVOA_X

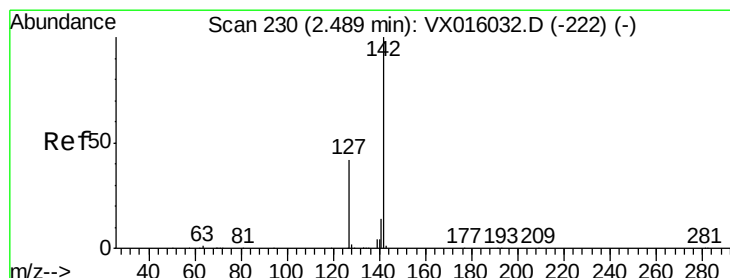
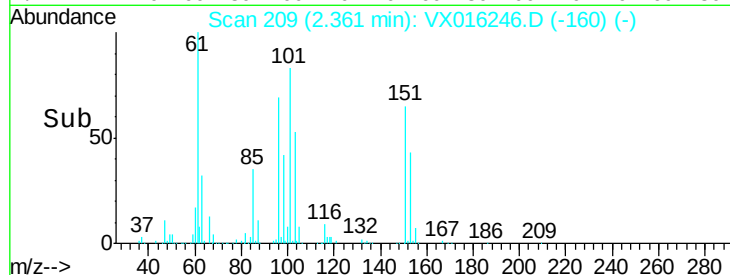
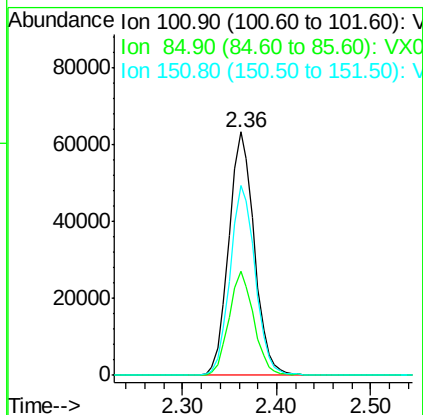
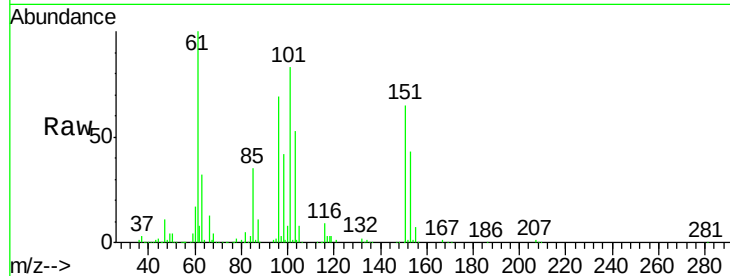
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	119116
Ion Ratio	Lower	Upper	
101	100		
85	41.9	34.2	51.4
151	77.3	62.1	93.1

Manual Integrations
APPROVED

MMDadoda
5/15/2020 12:29:32 PM



#10

Methyl Iodide

Concen: 38.020 ug/l

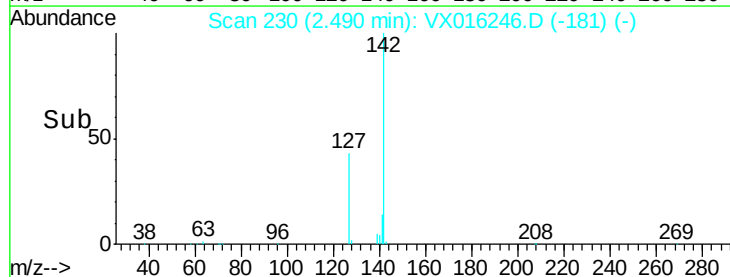
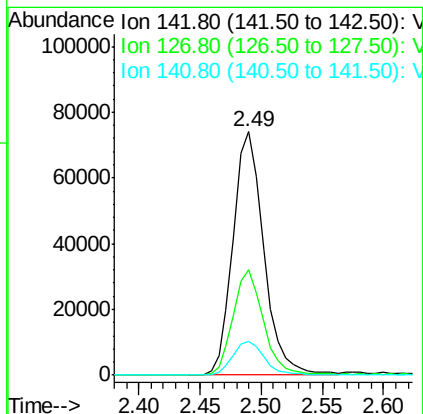
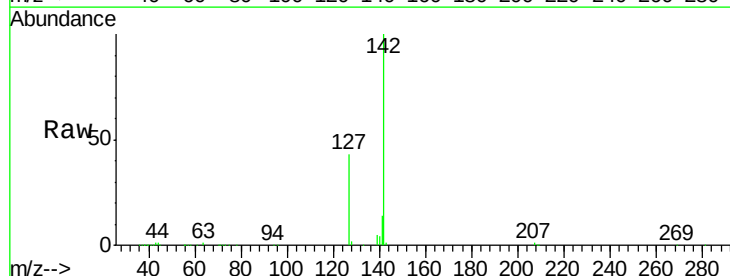
RT: 2.49 min Scan# 230

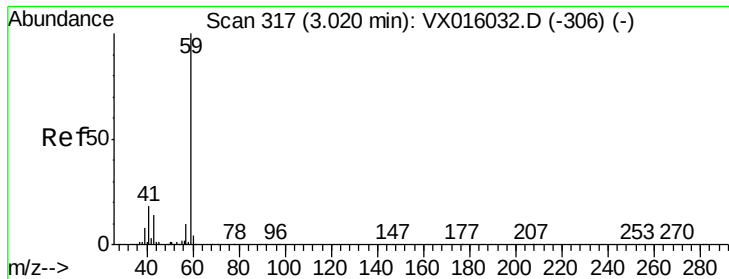
Delta R.T. 0.00 min

Lab File: VX016246.D

Acq: 14 May 2020 20:55

Tgt Ion:	142	Resp:	129385
Ion Ratio	Lower	Upper	
142	100		
127	42.7	34.6	52.0
141	14.1	11.3	16.9





#11

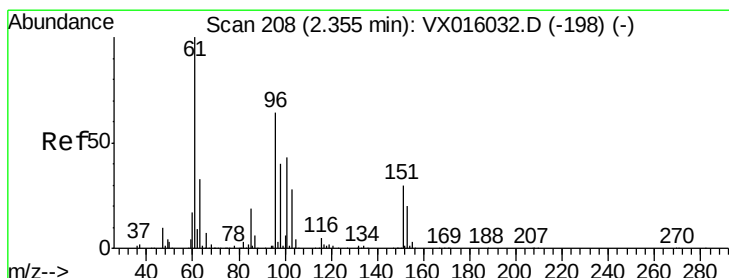
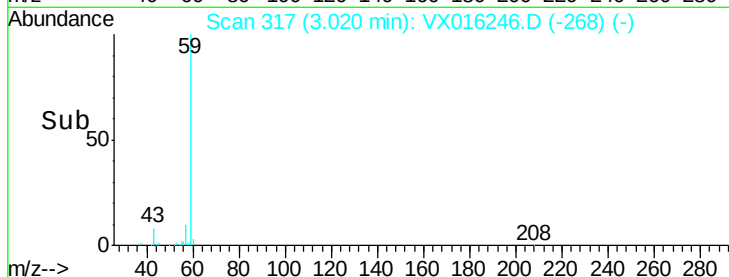
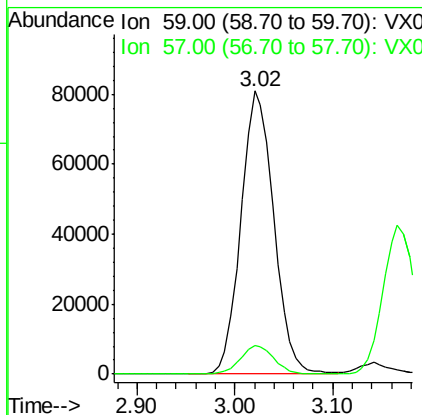
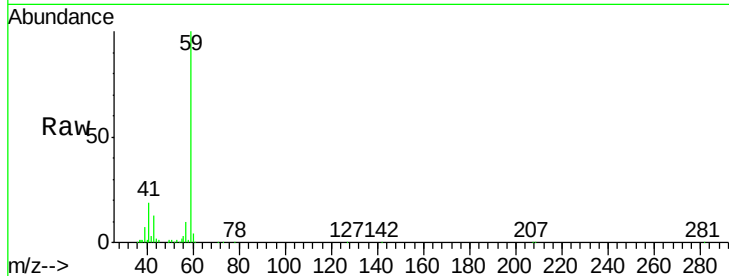
Tert butyl alcohol
 Concen: 223.232 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. 0.00 min
 Lab File: VX016246.D
 Acq: 14 May 2020 20:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.4

Manual Integrations
 APPROVED

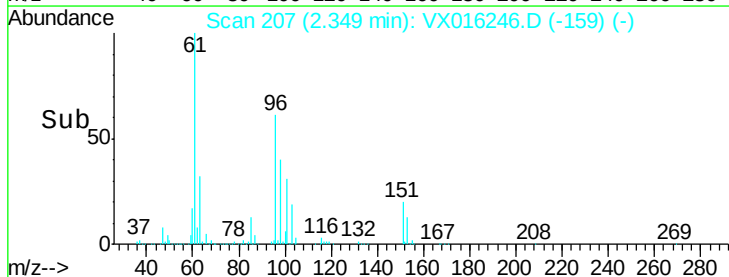
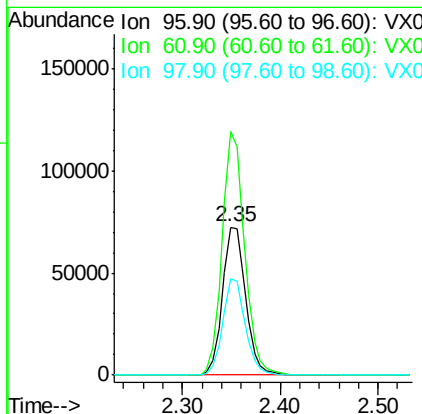
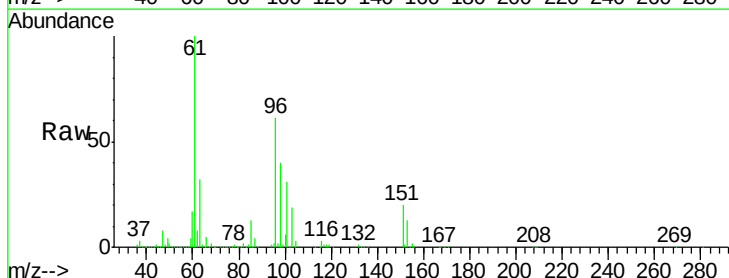
MMDadoda
 5/15/2020 12:29:32 PM

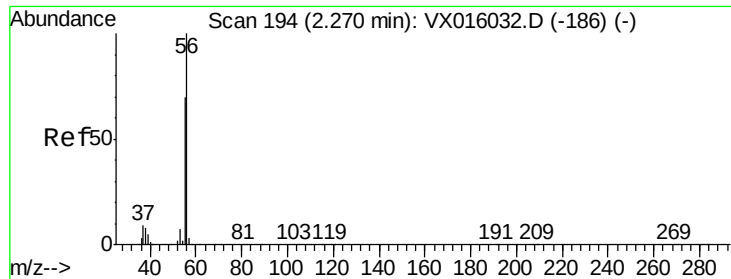


#12

1,1-Dichloroethene
 Concen: 44.858 ug/l
 RT: 2.35 min Scan# 207
 Delta R.T. -0.01 min
 Lab File: VX016246.D
 Acq: 14 May 2020 20:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	165.1	124.8	187.2
98	65.5	49.7	74.5





#13

Acrolein

Concen: 266.578 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016246.D

Acq: 14 May 2020 20:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 141574

Ion Ratio Lower Upper

56 100

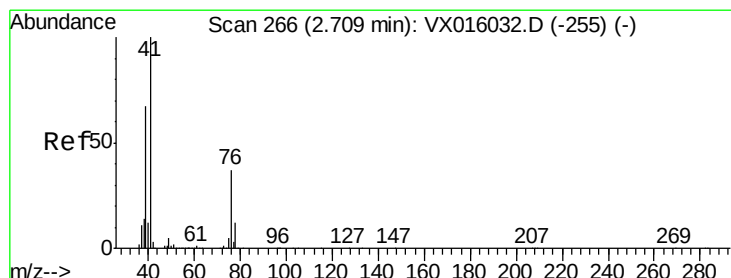
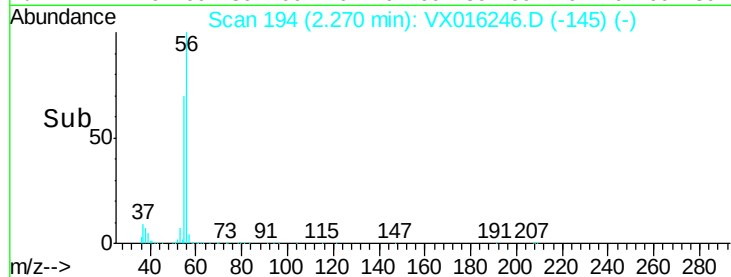
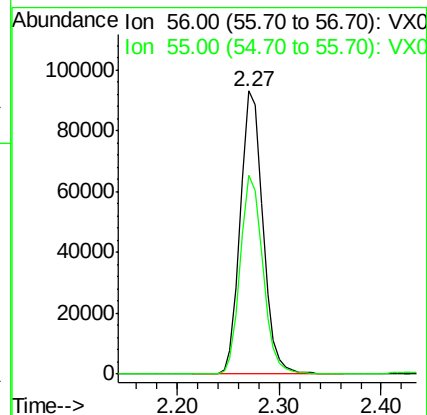
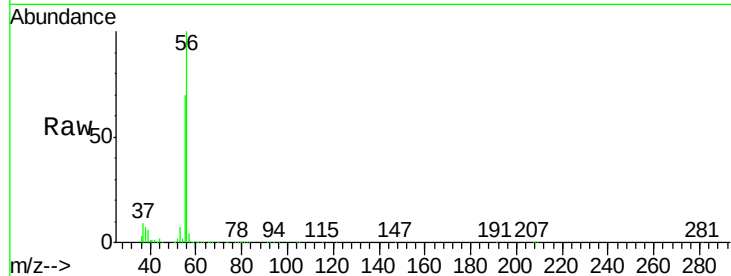
55 70.3 56.5 84.7

Manual Integrations

APPROVED

MMDadoda

5/15/2020 12:29:32 PM



#14

Allyl chloride

Concen: 44.325 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016246.D

Acq: 14 May 2020 20:55

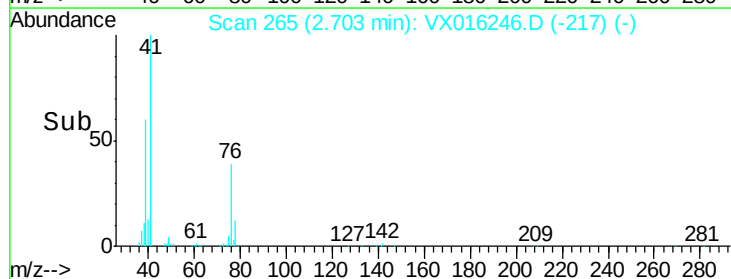
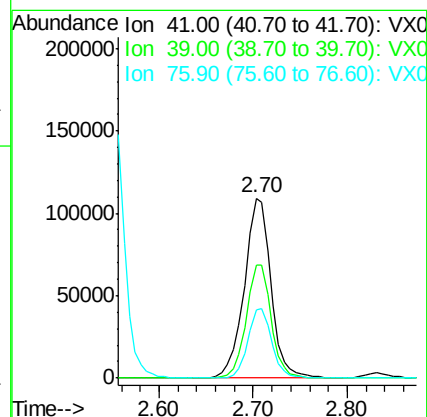
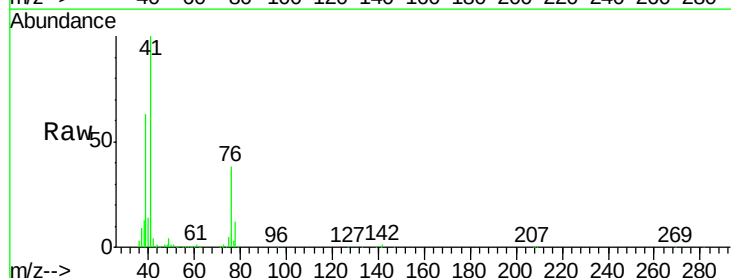
Tgt Ion: 41 Resp: 215470

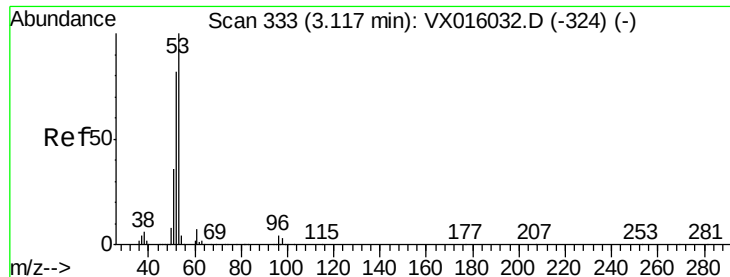
Ion Ratio Lower Upper

41 100

39 58.9 50.5 75.7

76 34.9 26.6 40.0





#15

Acrylonitrile

Concen: 238.477 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX016246.D

Acq: 14 May 2020 20:55

Instrument :

MSVOA_X

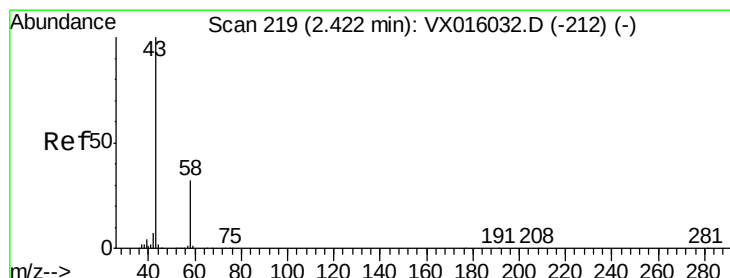
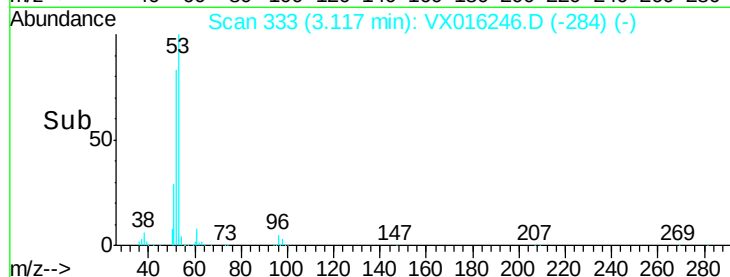
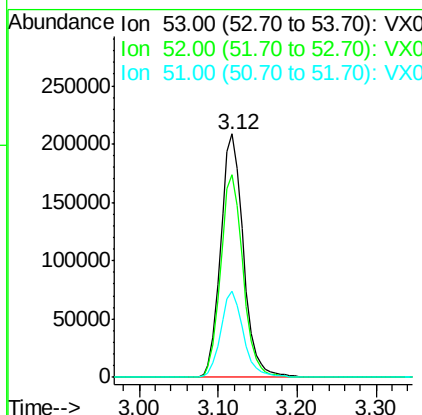
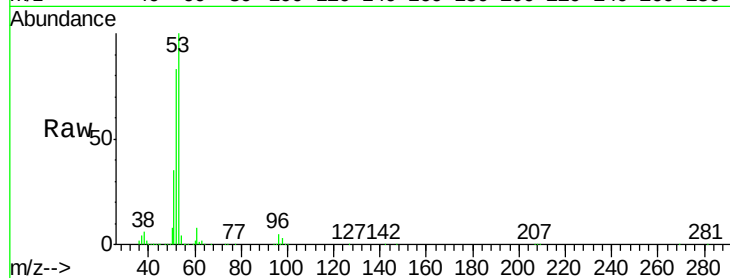
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	419864
Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.1	99.1
51	35.1	28.8	43.2

Manual Integrations
APPROVED

MMDadoda
5/15/2020 12:29:32 PM



#16

Acetone

Concen: 218.369 ug/l

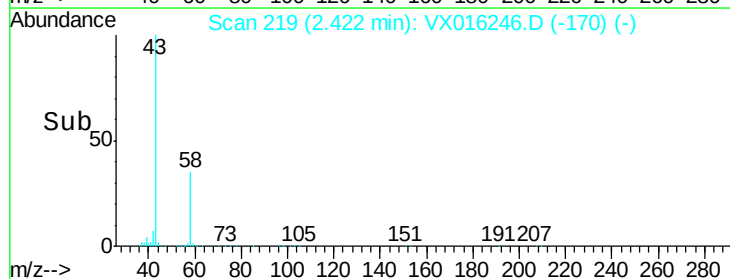
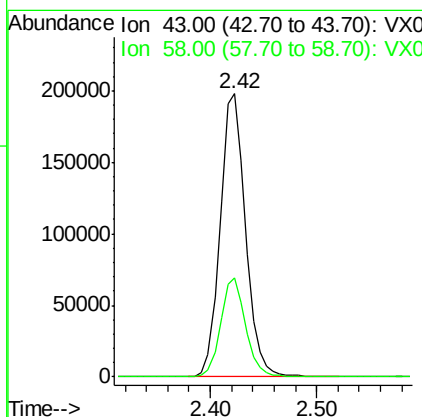
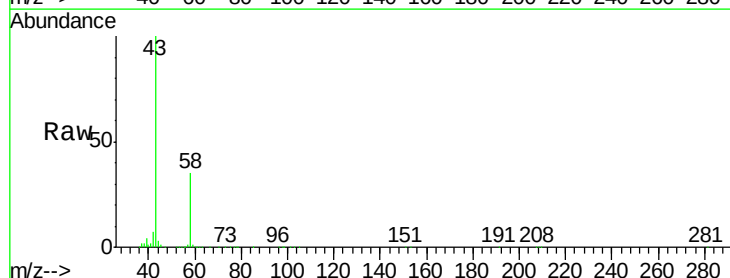
RT: 2.42 min Scan# 219

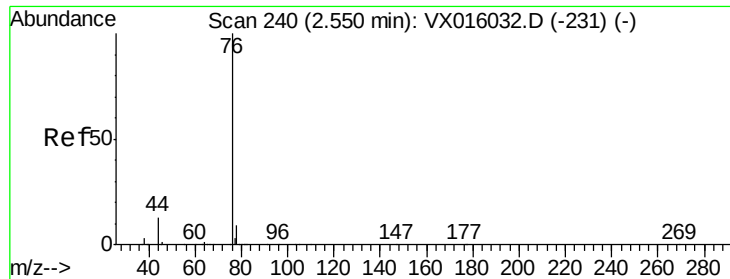
Delta R.T. 0.00 min

Lab File: VX016246.D

Acq: 14 May 2020 20:55

Tgt Ion:	43	Resp:	327004
Ion	Ratio	Lower	Upper
43	100		
58	35.1	25.4	38.0





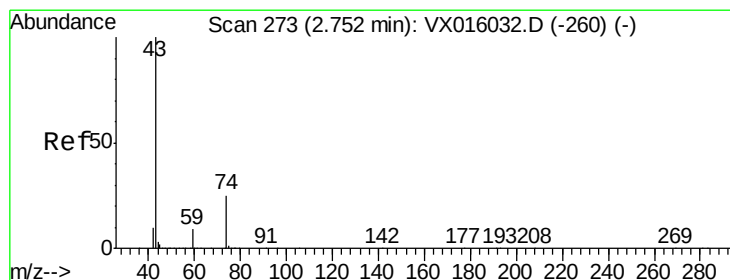
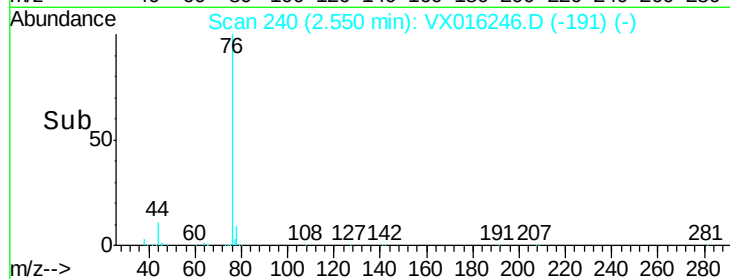
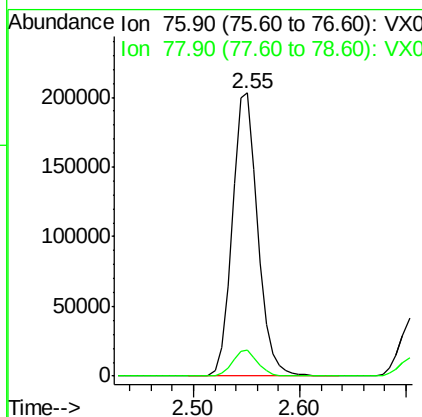
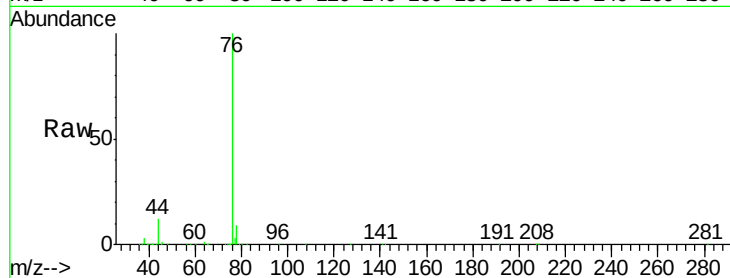
#17
Carbon Disulfide
Concen: 42.782 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016246.D
Acq: 14 May 2020 20:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.5	11.3

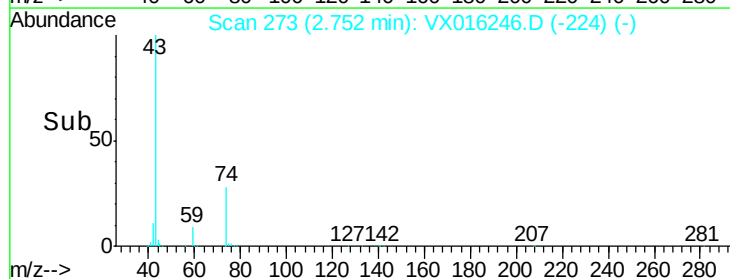
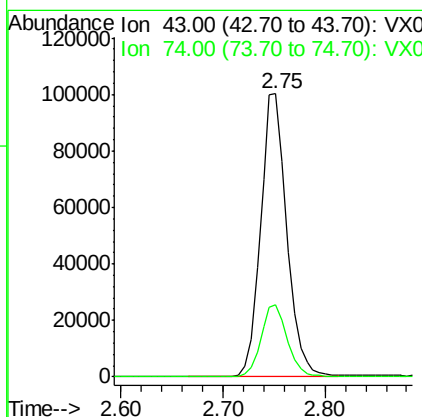
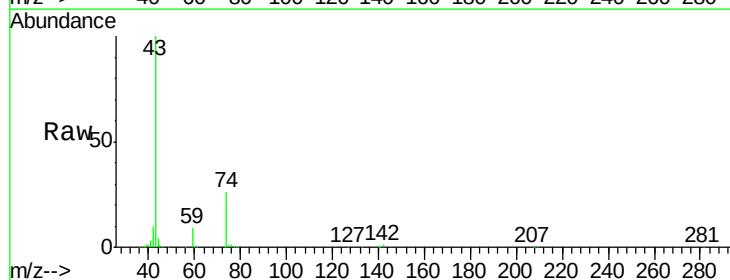
Manual Integrations
APPROVED

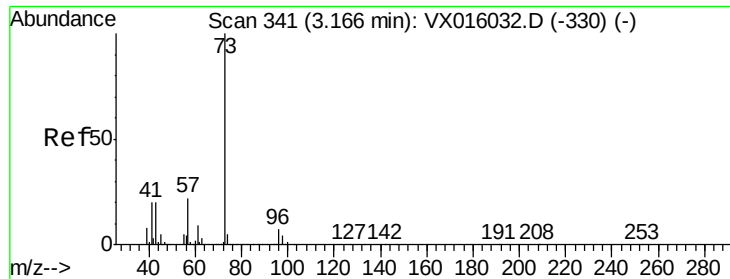
MMDadoda
5/15/2020 12:29:32 PM



#18
Methyl Acetate
Concen: 48.621 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX016246.D
Acq: 14 May 2020 20:55

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.1	20.2	30.2





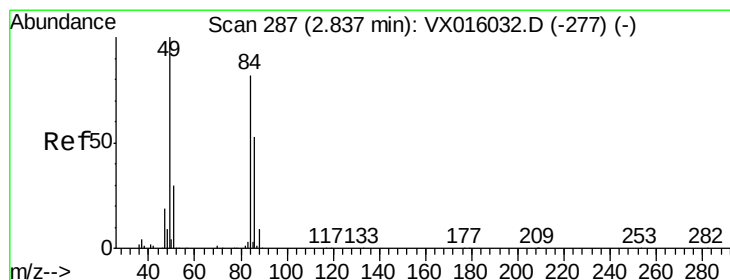
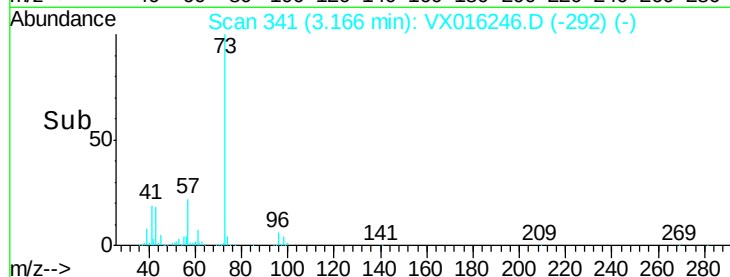
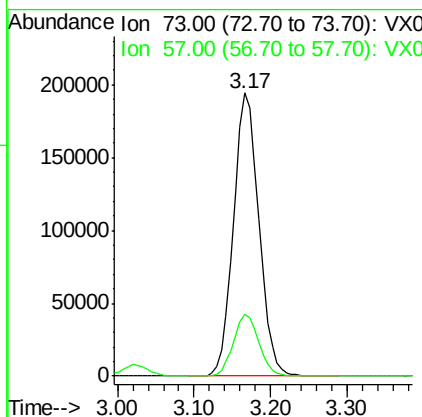
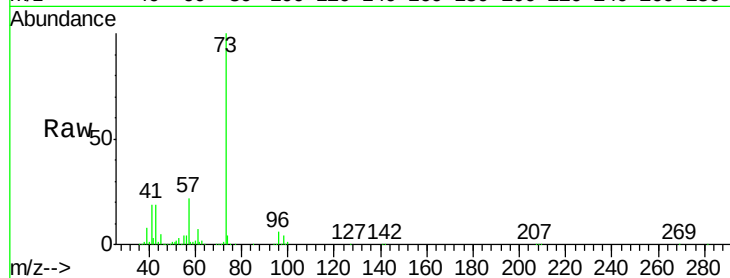
#19
Methyl tert-butyl Ether
Concen: 48.898 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX016246.D
Acq: 14 May 2020 20:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.8	26.6

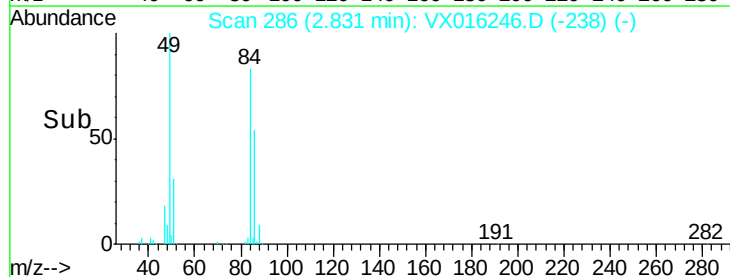
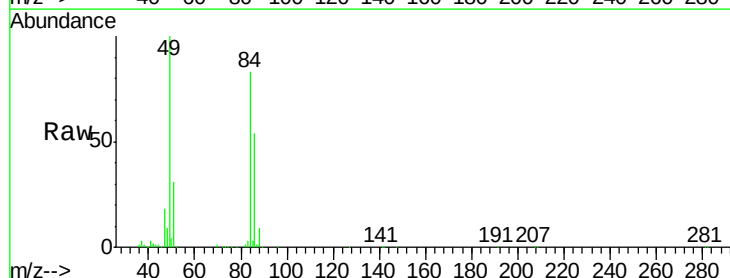
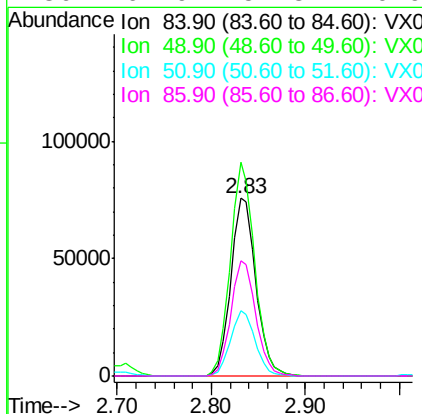
Manual Integrations
APPROVED

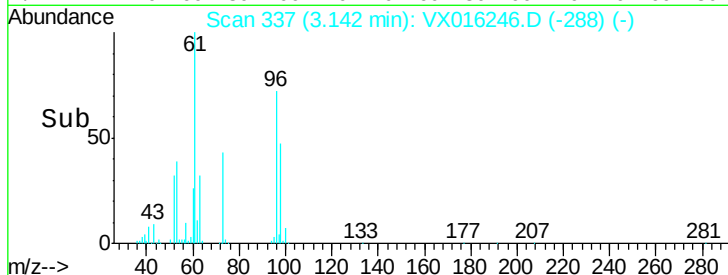
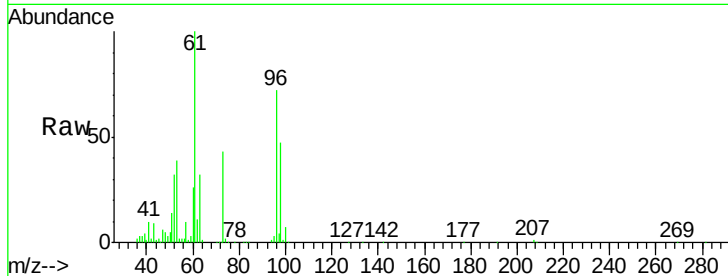
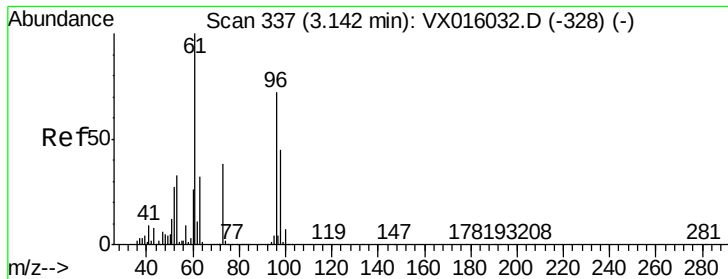
MMDadoda
5/15/2020 12:29:32 PM



#20
Methylene Chloride
Concen: 45.330 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016246.D
Acq: 14 May 2020 20:55

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.2	97.3	145.9
51	36.9	29.3	43.9
86	64.9	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 45.718 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016246.D

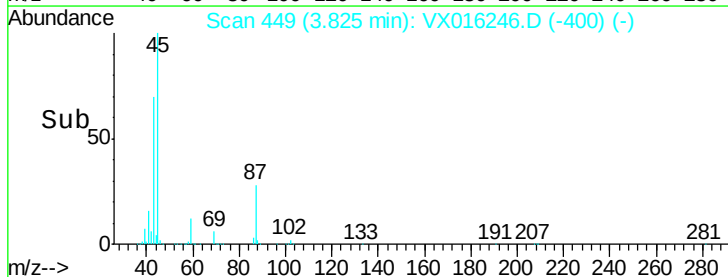
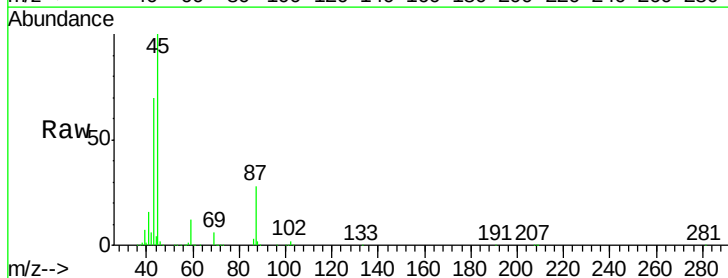
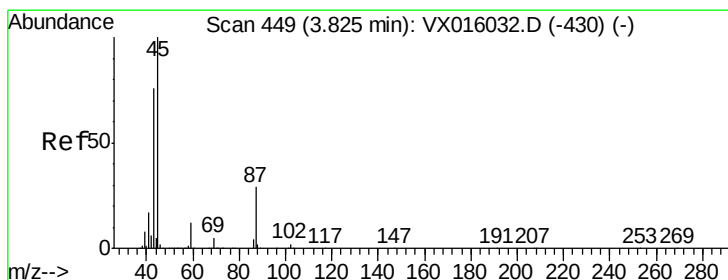
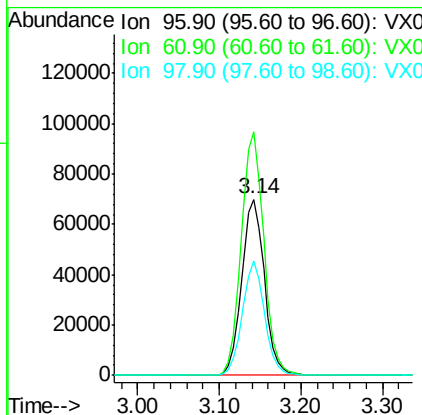
Acq: 14 May 2020 20:55

Tot Ion:	96	Resp:	135071
Ion	Ratio	Lower	Upper
96	100		
61	138.2	111.2	166.8
98	64.9	50.2	75.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
5/15/2020 12:29:32 PM



#22

Diisopropyl ether

Concen: 47.254 ug/l

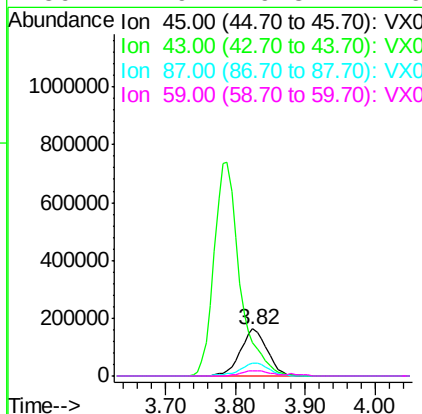
RT: 3.82 min Scan# 449

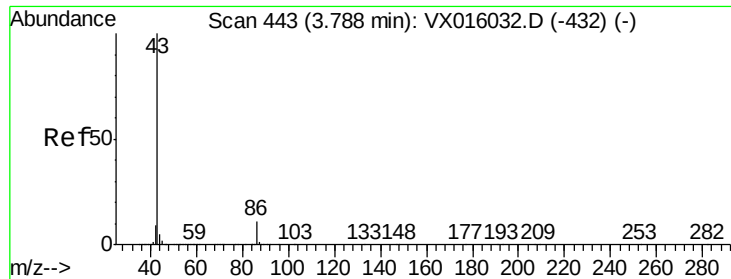
Delta R.T. 0.00 min

Lab File: VX016246.D

Acq: 14 May 2020 20:55

Tgt Ion:	45	Resp:	433363
Ion	Ratio	Lower	Upper
45	100		
43	69.5	61.1	91.7
87	28.2	23.0	34.6
59	11.9	9.8	14.6





#23

Vinyl Acetate

Concen: 234.596 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX016246.D

Acq: 14 May 2020 20:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1892819

Ion Ratio Lower Upper

43 100

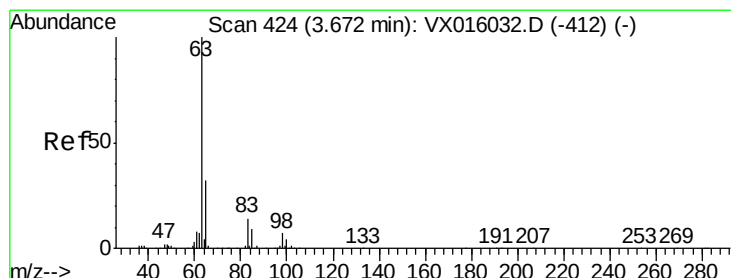
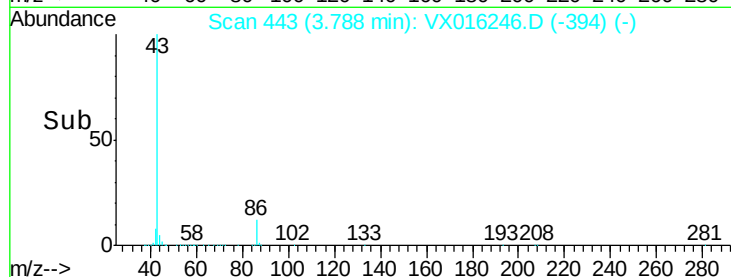
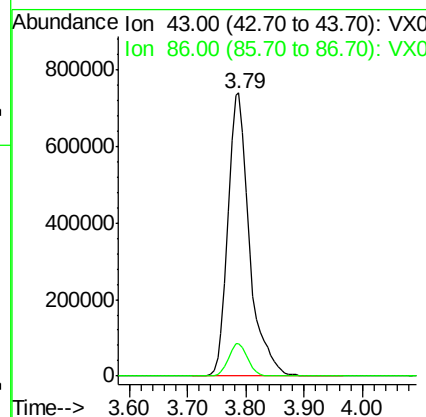
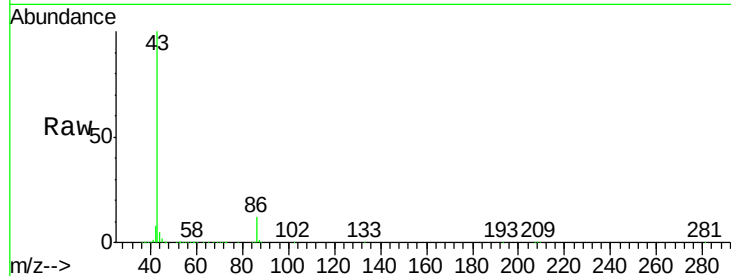
86 11.6 9.0 13.4

Manual Integrations

APPROVED

MMDadoda

5/15/2020 12:29:32 PM



#24

1,1-Dichloroethane

Concen: 47.810 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016246.D

Acq: 14 May 2020 20:55

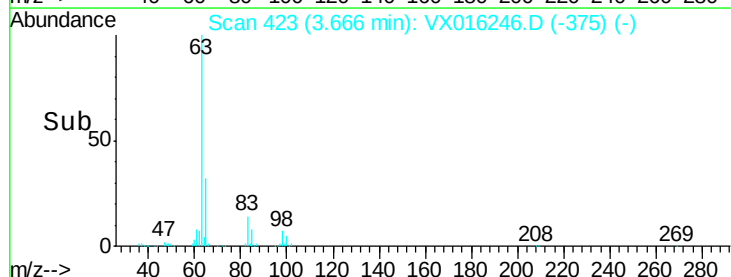
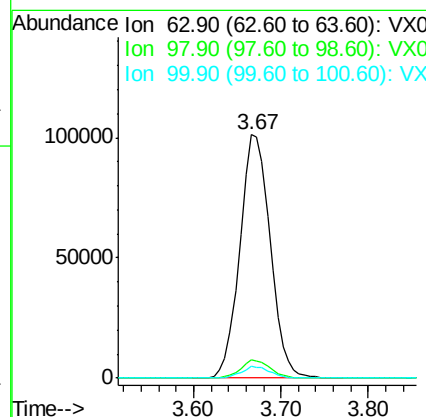
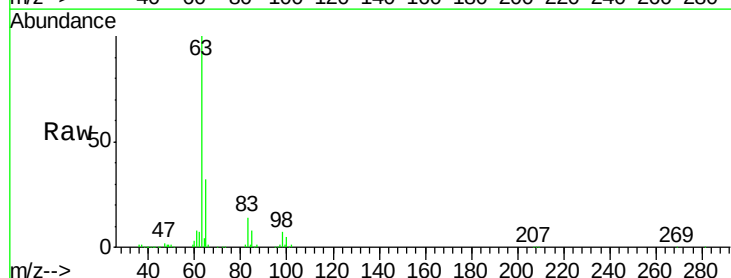
Tgt Ion: 63 Resp: 245272

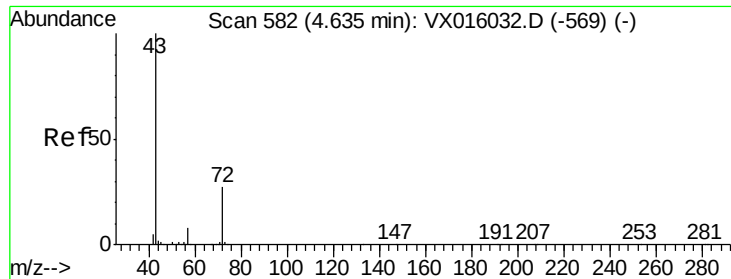
Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.5

100 4.6 2.1 6.5





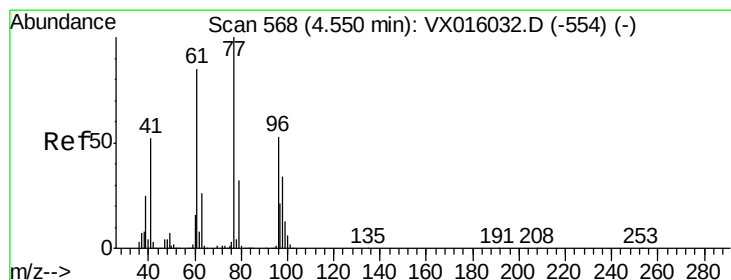
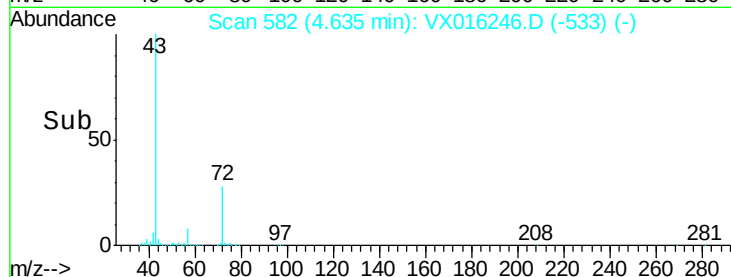
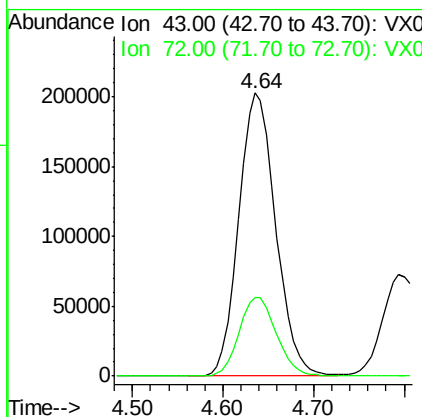
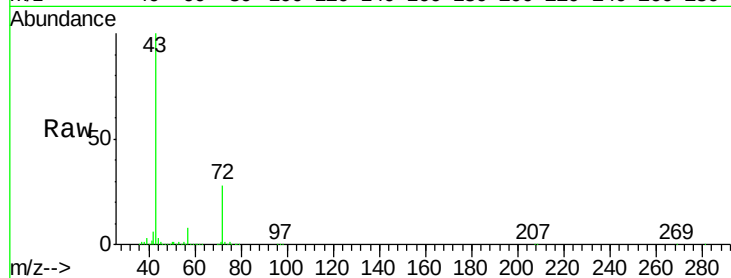
#25
2-Butanone
Concen: 237.135 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX016246.D
Acq: 14 May 2020 20:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 572221
Ion Ratio Lower Upper
43 100
72 27.6 21.8 32.8

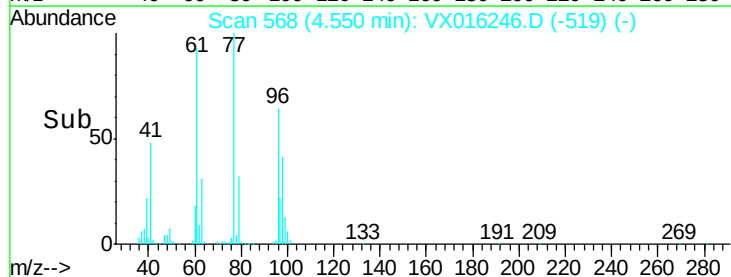
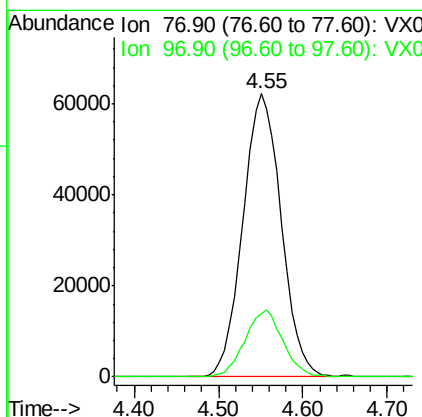
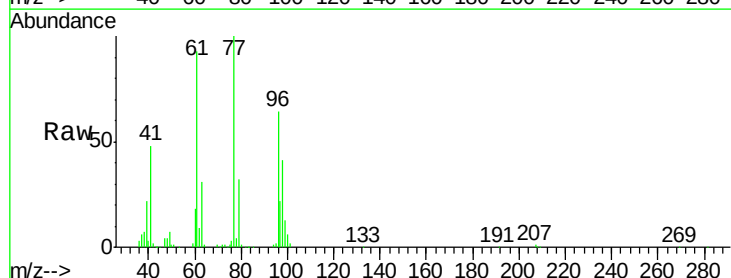
Manual Integrations
APPROVED

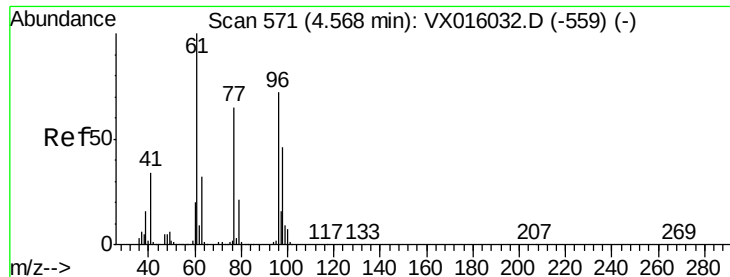
MMDadoda
5/15/2020 12:29:32 PM



#26
2,2-Dichloropropane
Concen: 40.986 ug/l
RT: 4.55 min Scan# 568
Delta R.T. 0.00 min
Lab File: VX016246.D
Acq: 14 May 2020 20:55

Tgt Ion: 77 Resp: 192023
Ion Ratio Lower Upper
77 100
97 23.4 11.2 33.6





#27

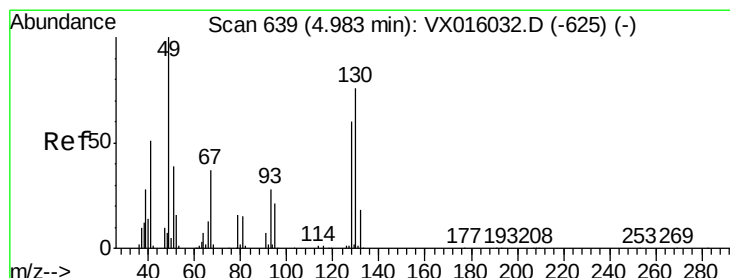
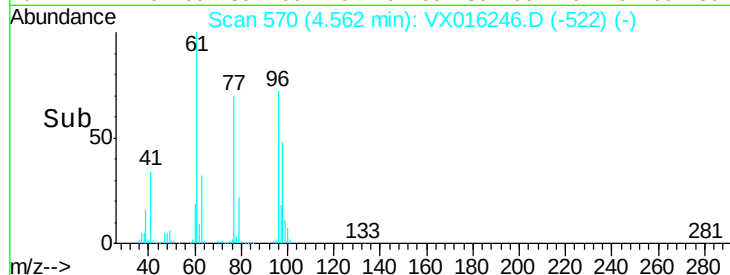
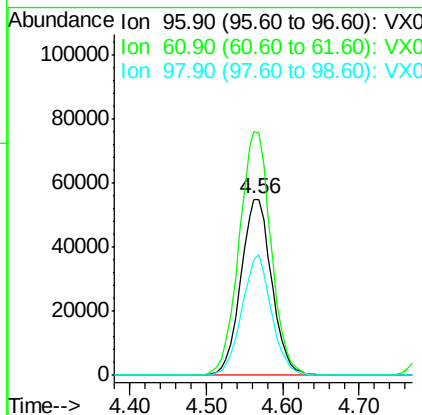
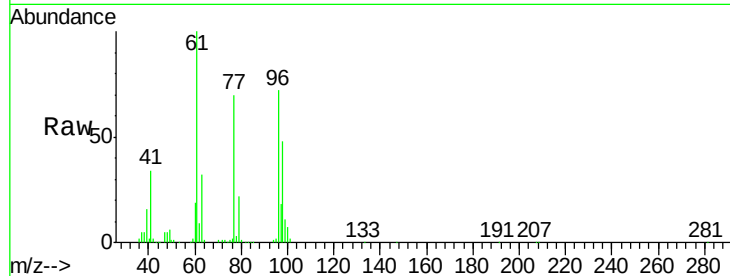
cis-1,2-Dichloroethene
 Concen: 47.837 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX016246.D
 Acq: 14 May 2020 20:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	154511		
61	142.2	0.0	296.2	
98	65.3	0.0	129.4	

Manual Integrations
 APPROVED

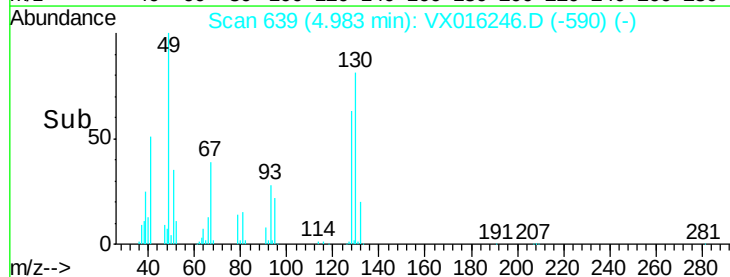
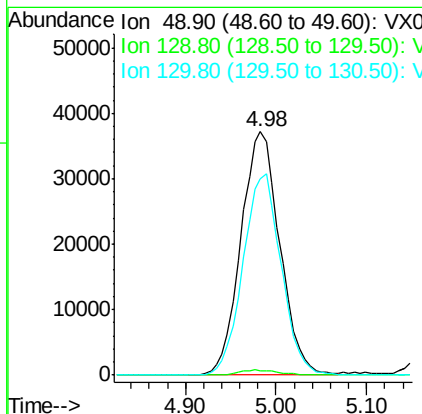
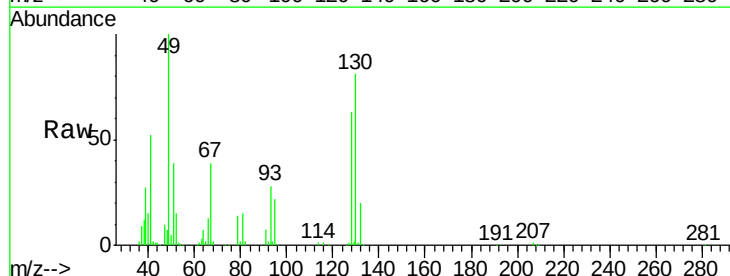
MMDadoda
 5/15/2020 12:29:32 PM

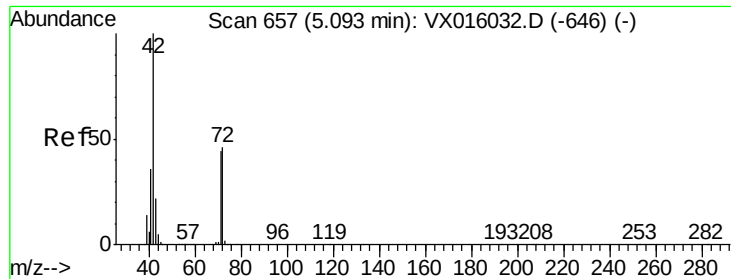


#28

Bromochloromethane
 Concen: 47.219 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: VX016246.D
 Acq: 14 May 2020 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	110458		
129	2.1	0.0	4.0	
130	81.0	62.4	93.6	





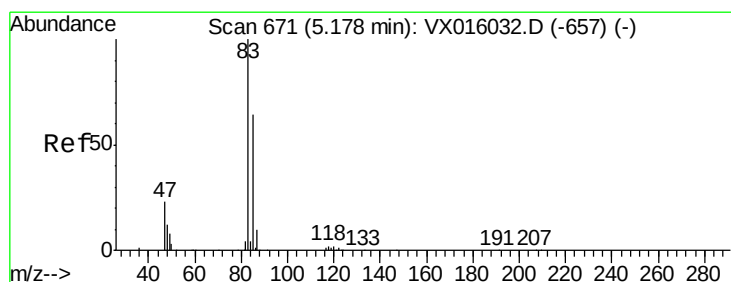
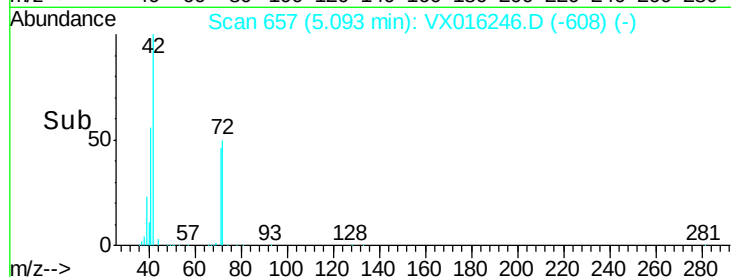
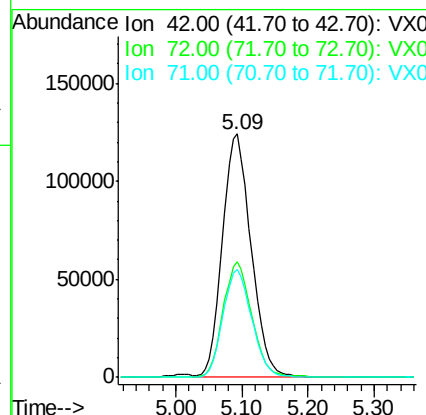
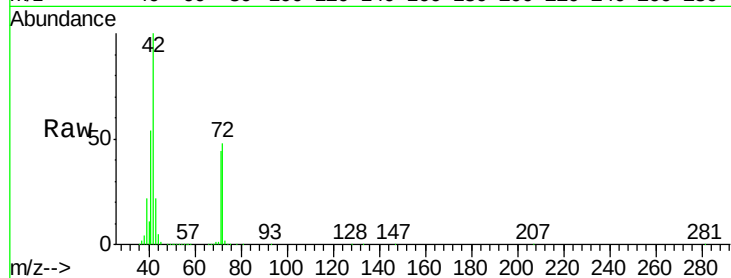
#29
Tetrahydrofuran
Concen: 233.202 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX016246.D
Acq: 14 May 2020 20:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.8	37.1	55.7
71	44.5	34.5	51.7

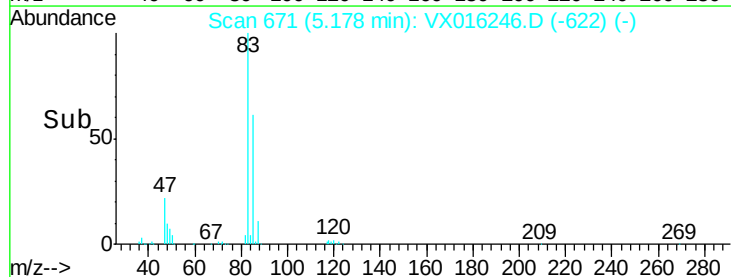
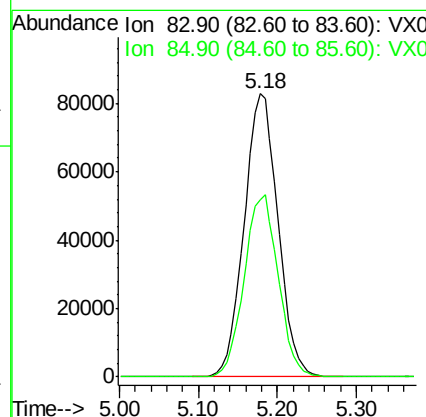
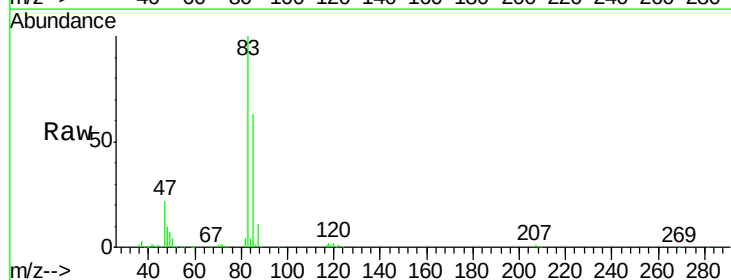
Manual Integrations
APPROVED

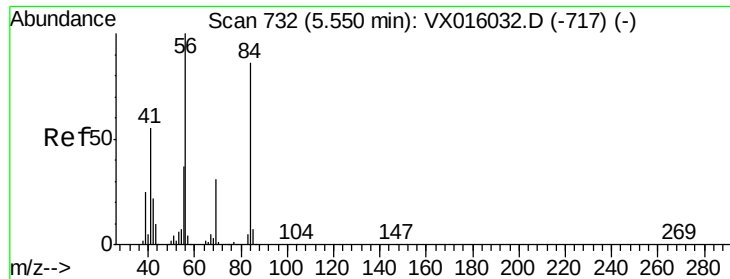
MMDadoda
5/15/2020 12:29:32 PM



#30
Chloroform
Concen: 48.329 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX016246.D
Acq: 14 May 2020 20:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.6	77.4





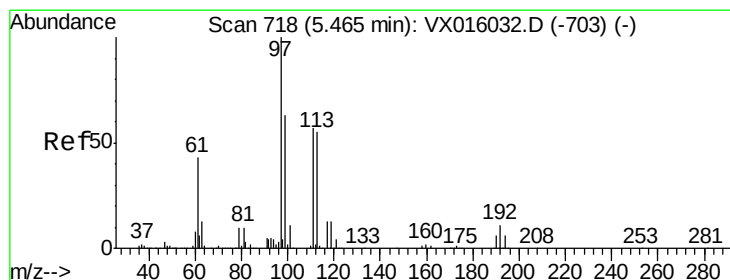
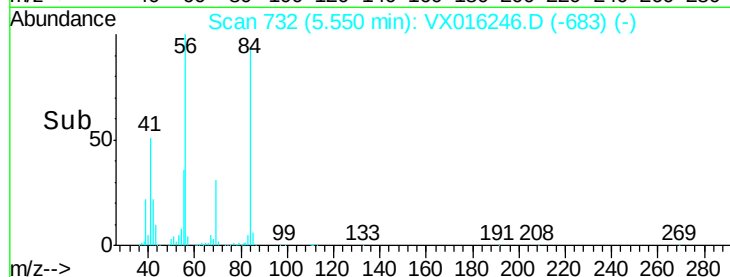
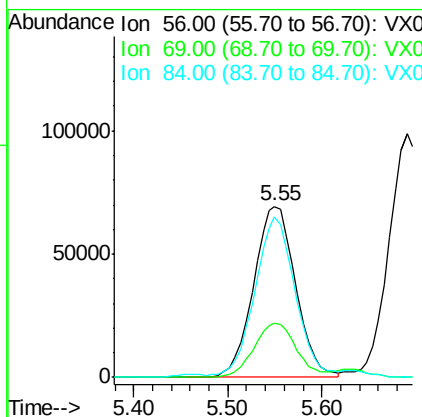
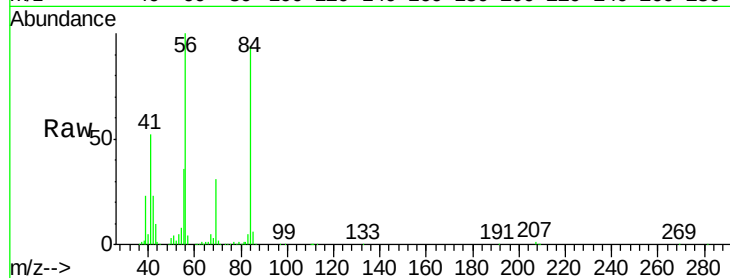
#31
Cyclohexane
Concen: 46.437 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016246.D
Acq: 14 May 2020 20:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.4	25.0	37.6
84	92.4	69.0	103.6

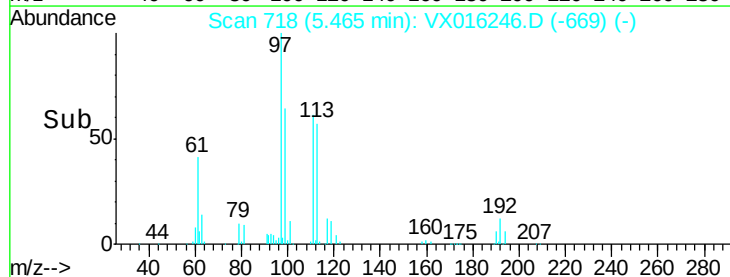
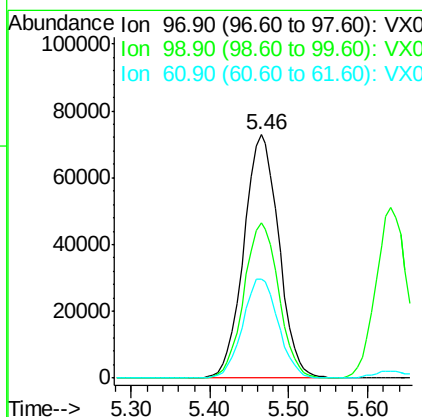
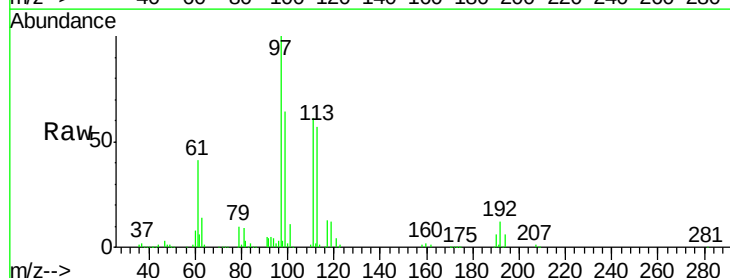
Manual Integrations
APPROVED

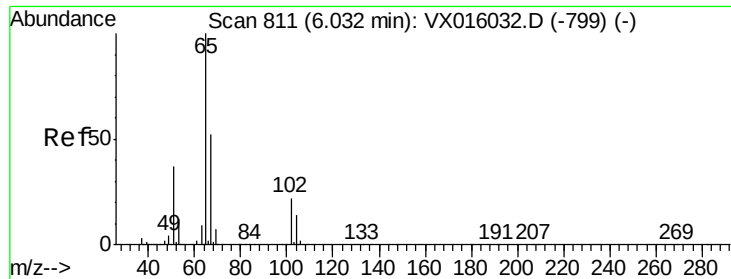
MMDadoda
5/15/2020 12:29:32 PM



#32
1,1,1-Trichloroethane
Concen: 48.379 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016246.D
Acq: 14 May 2020 20:55

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.0	76.4
61	41.6	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 46.273 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016246.D

Acq: 14 May 2020 20:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 155299

Ion Ratio Lower Upper

65 100

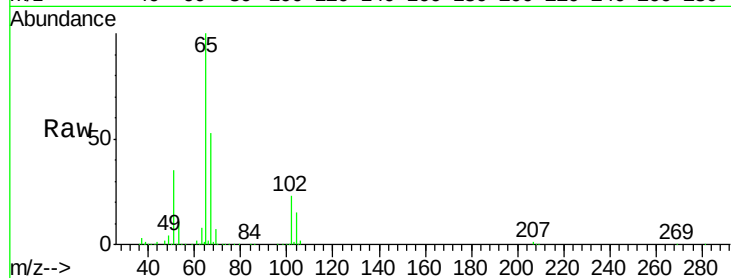
67 53.6 0.0 104.8

Manual Integrations

APPROVED

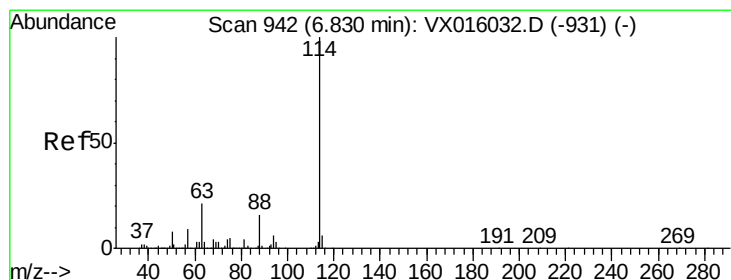
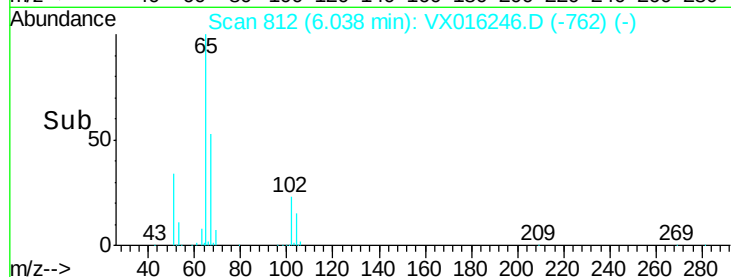
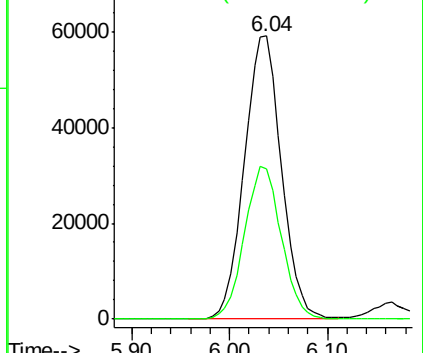
MMDadoda

5/15/2020 12:29:32 PM



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016246.D

Acq: 14 May 2020 20:55

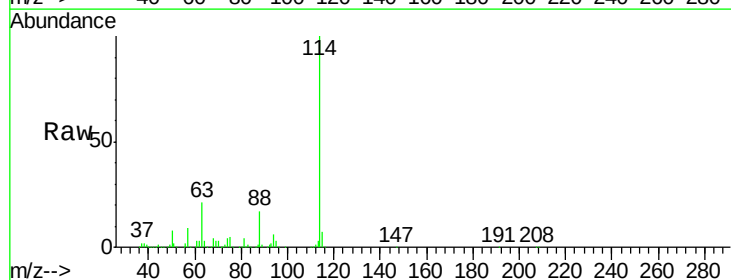
Tgt Ion: 114 Resp: 414329

Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.8

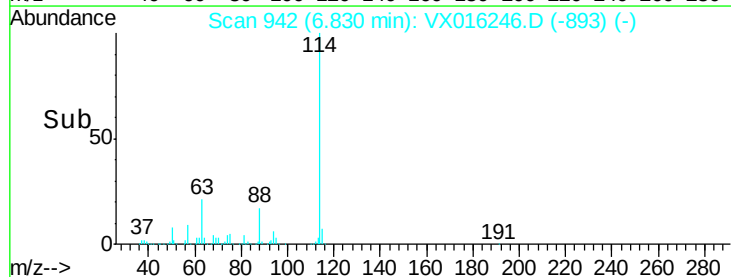
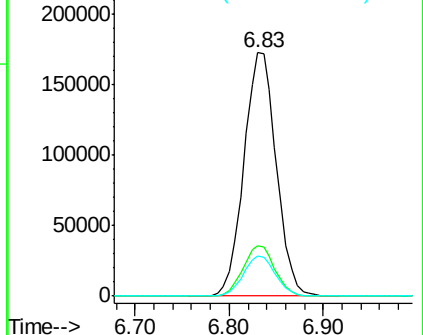
88 16.6 0.0 31.4

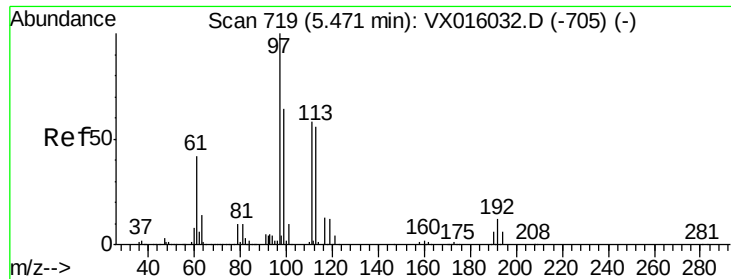


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.170 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX016246.D

Acq: 14 May 2020 20:55

Instrument :

MSVOA_X

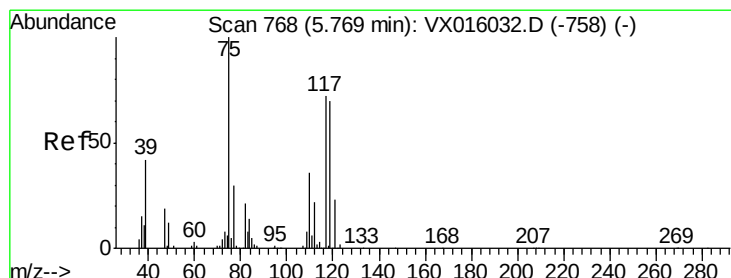
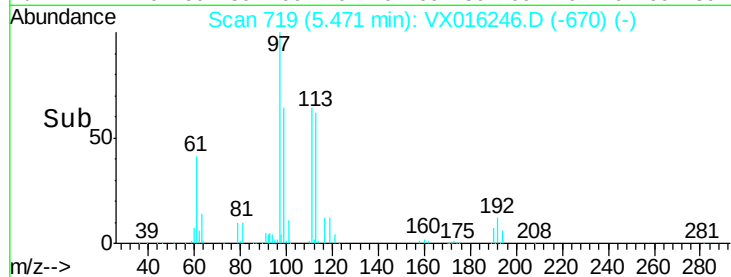
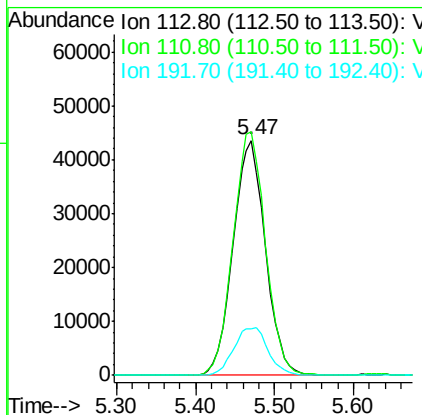
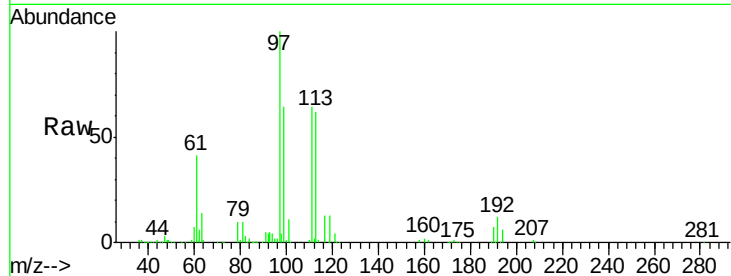
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	123819
Ion Ratio	Lower	Upper	
113	100		
111	104.4	81.6	122.4
192	21.6	17.0	25.4

Manual Integrations
APPROVED

MMDadoda
5/15/2020 12:29:32 PM



#36

1,1-Dichloropropene

Concen: 45.561 ug/l

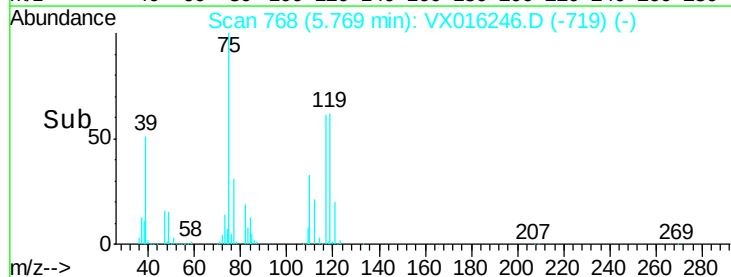
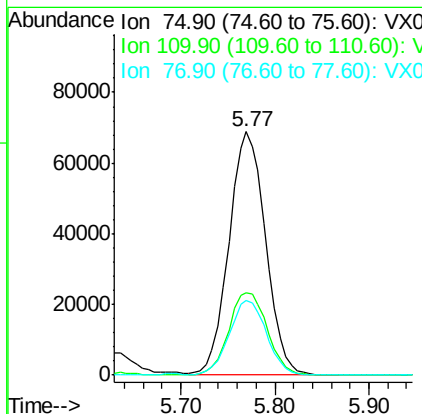
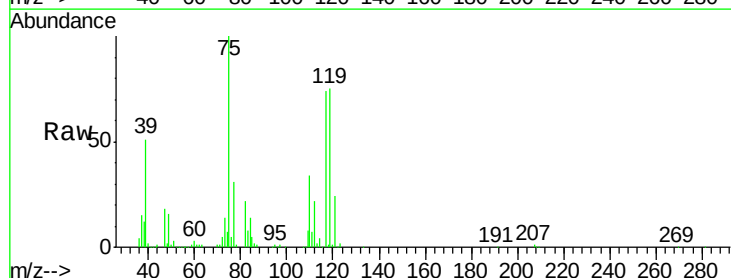
RT: 5.77 min Scan# 768

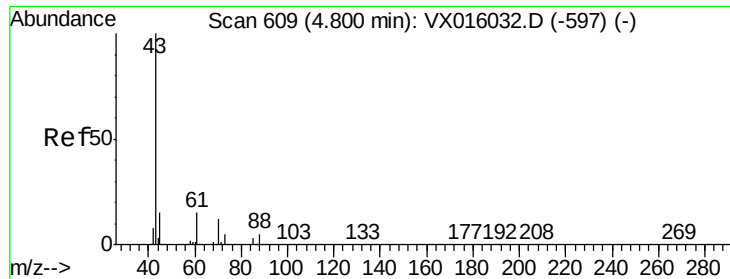
Delta R.T. 0.00 min

Lab File: VX016246.D

Acq: 14 May 2020 20:55

Tgt Ion:	75	Resp:	185821
Ion Ratio	Lower	Upper	
75	100		
110	35.7	18.1	54.1
77	31.4	25.0	37.6





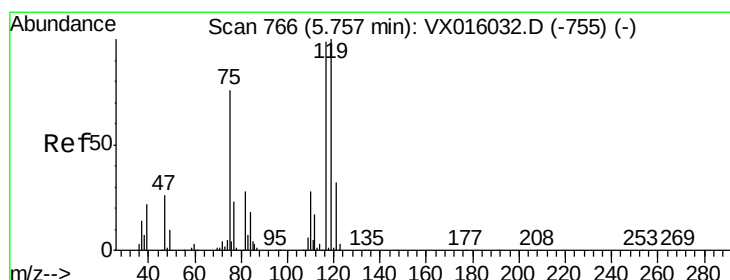
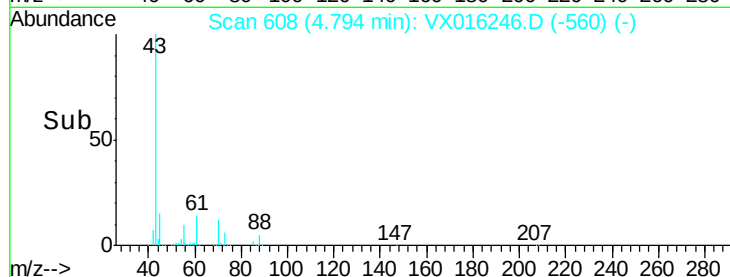
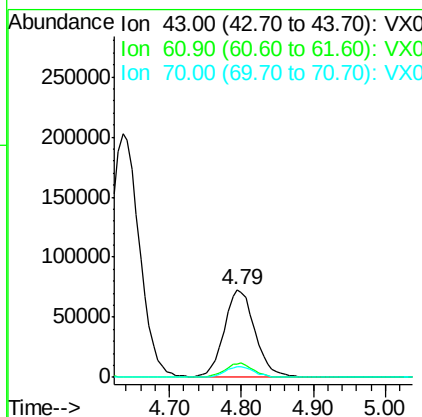
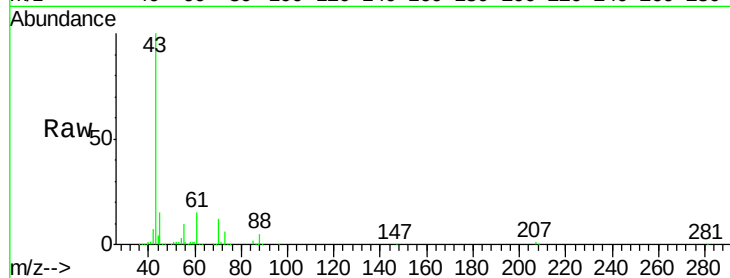
#37
Ethyl Acetate
Concen: 45.687 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016246.D
Acq: 14 May 2020 20:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.7	17.5
70	12.2	9.3	13.9

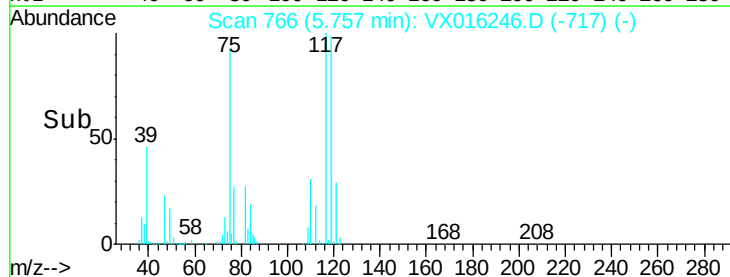
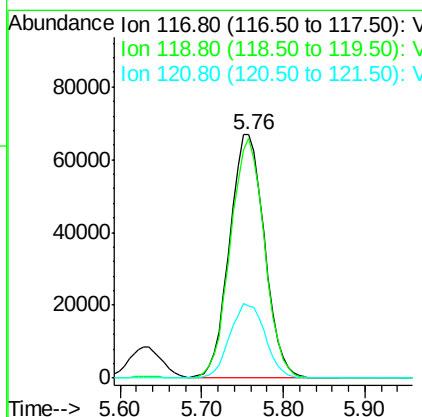
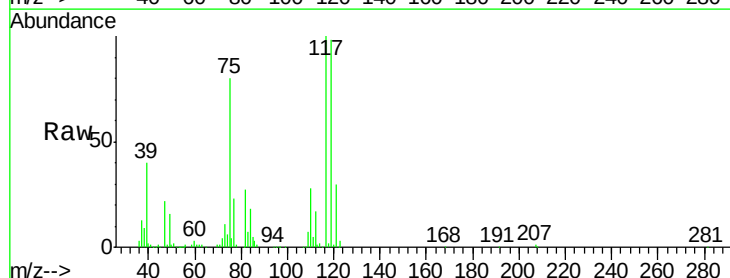
Manual Integrations
APPROVED

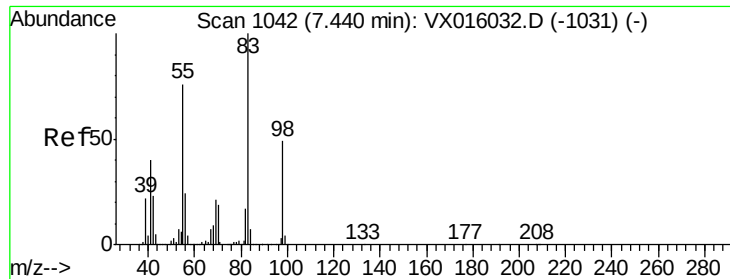
MMDadoda
5/15/2020 12:29:32 PM



#38
Carbon Tetrachloride
Concen: 47.857 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX016246.D
Acq: 14 May 2020 20:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.5	80.3	120.5
121	29.8	25.7	38.5





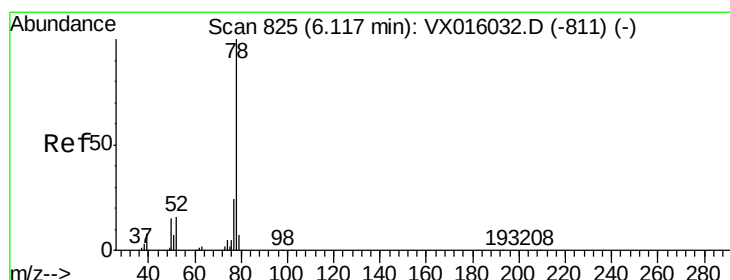
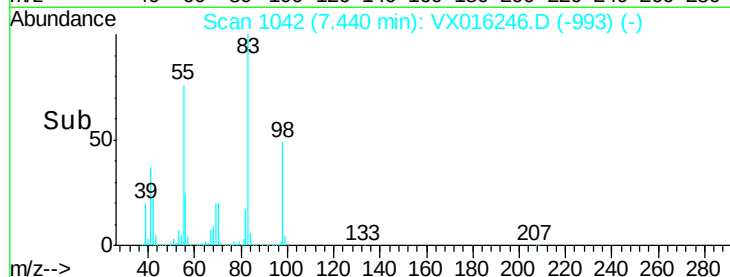
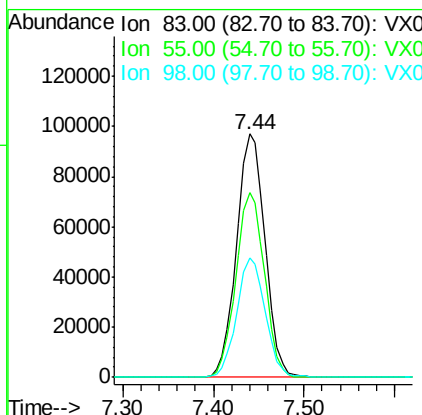
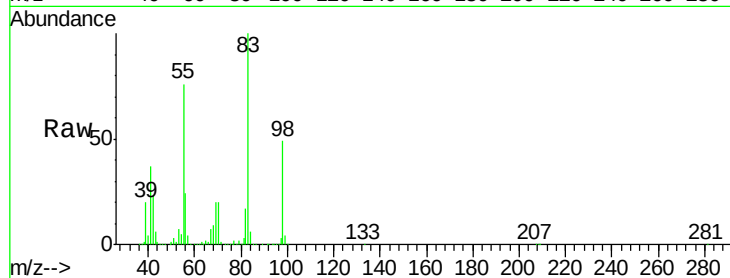
#39
Methylvlcyclohexane
Concen: 43.006 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016246.D
Acq: 14 May 2020 20:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.8	61.1	91.7
98	49.2	39.0	58.4

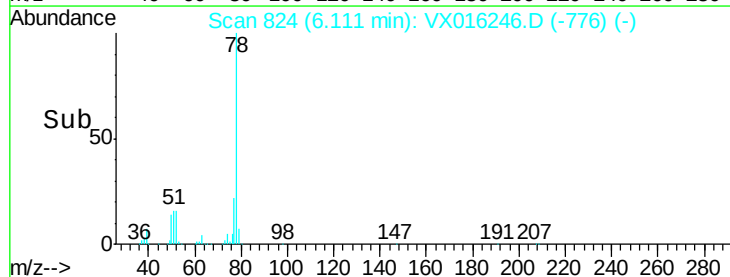
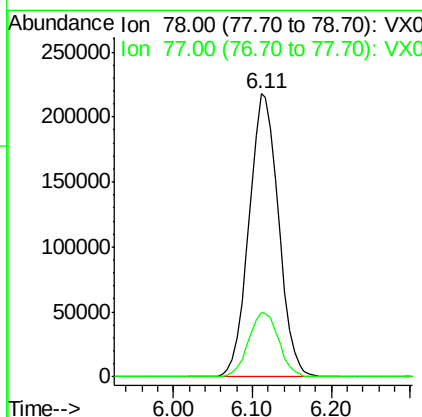
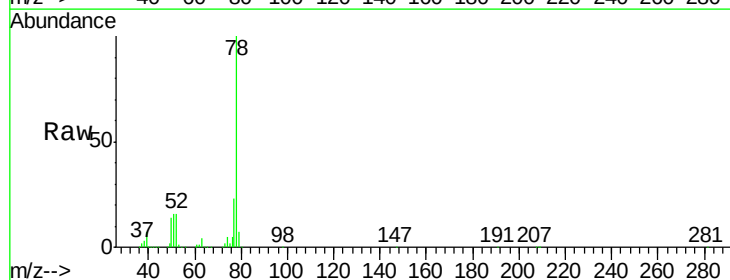
Manual Integrations
APPROVED

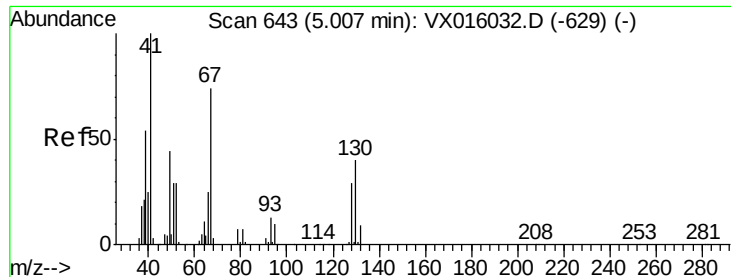
MMDadoda
5/15/2020 12:29:32 PM



#40
Benzene
Concen: 47.518 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016246.D
Acq: 14 May 2020 20:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.6	19.0	28.4





#41

Methacrylonitrile

Concen: 46.970 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.00 min

Lab File: VX016246.D

Acq: 14 May 2020 20:55

Instrument :

MSVOA_X

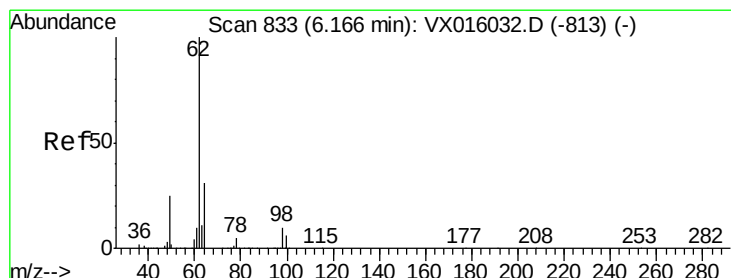
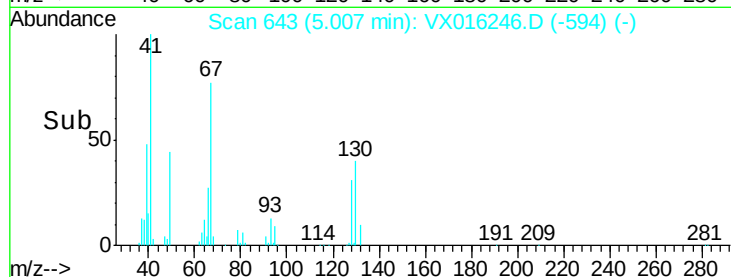
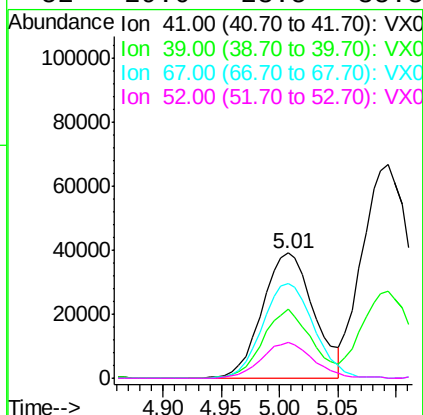
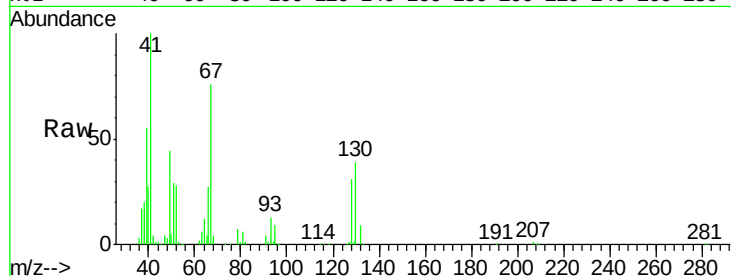
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.2	43.2	64.8	
67	75.7	59.3	88.9	
52	29.0	23.5	35.3	

Manual Integrations
APPROVED

MMDadoda
5/15/2020 12:29:32 PM



#42

1,2-Dichloroethane

Concen: 45.359 ug/l

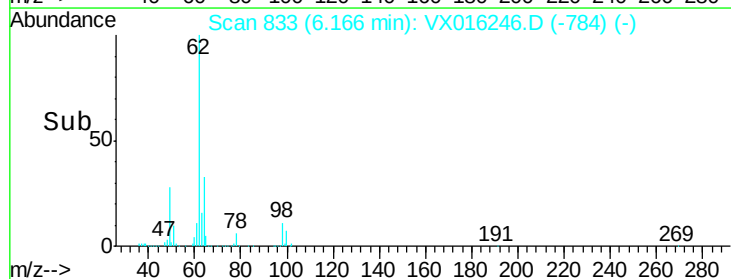
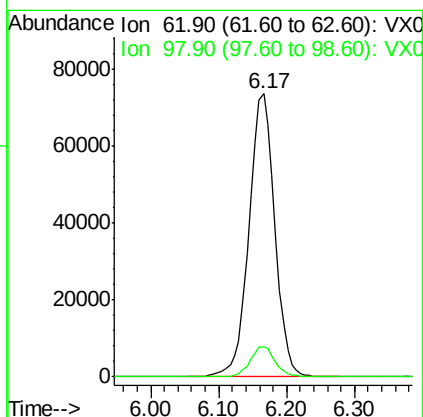
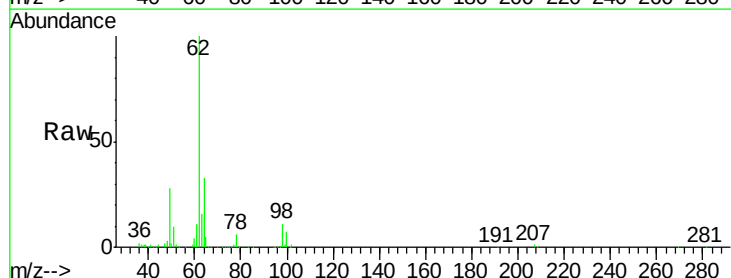
RT: 6.17 min Scan# 833

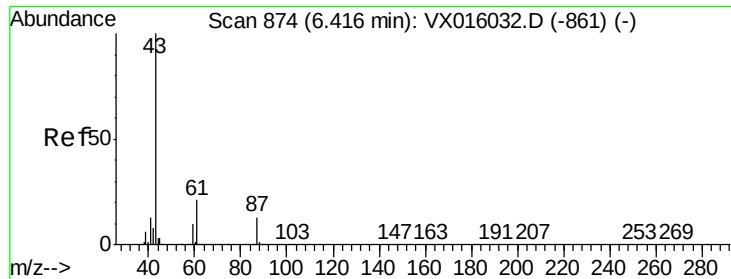
Delta R.T. 0.00 min

Lab File: VX016246.D

Acq: 14 May 2020 20:55

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.3	0.0	19.4	





#43

Isopropyl Acetate

Concen: 45.989 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX016246.D

Acq: 14 May 2020 20:55

Instrument :

MSVOA_X

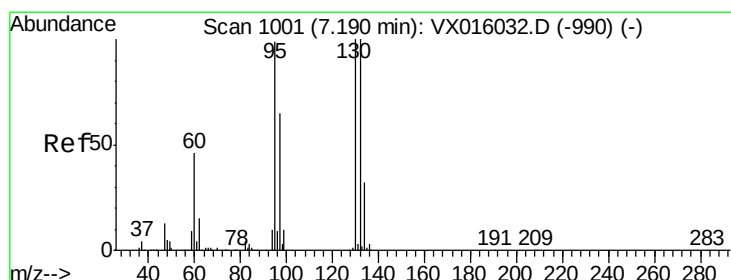
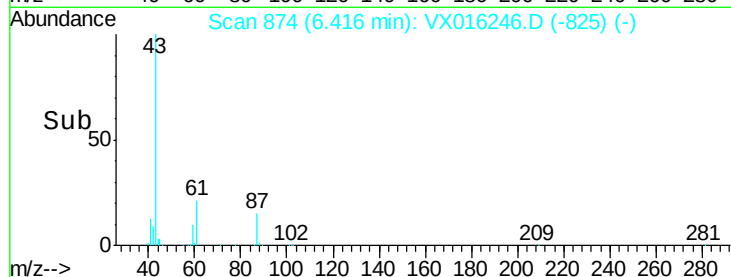
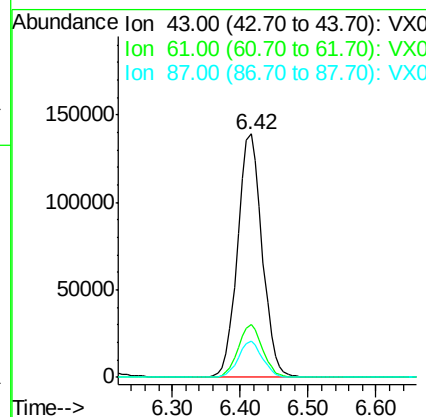
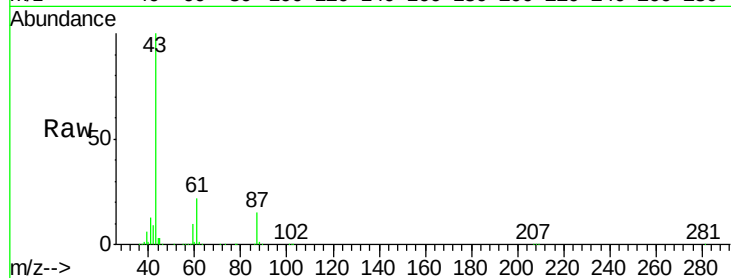
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	346858
Ion Ratio		Lower	Upper
43	100		
61	21.8	17.0	25.4
87	14.6	11.0	16.6

Manual Integrations
APPROVED

MMDadoda
5/15/2020 12:29:32 PM



#44

Trichloroethene

Concen: 42.413 ug/l

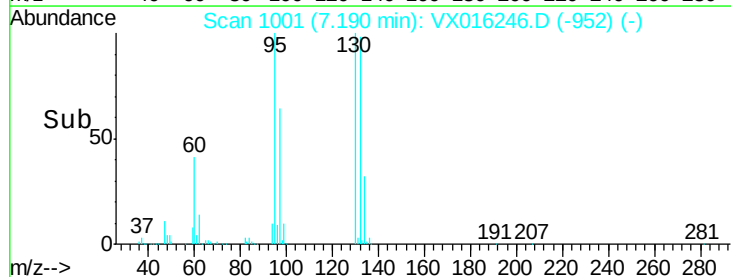
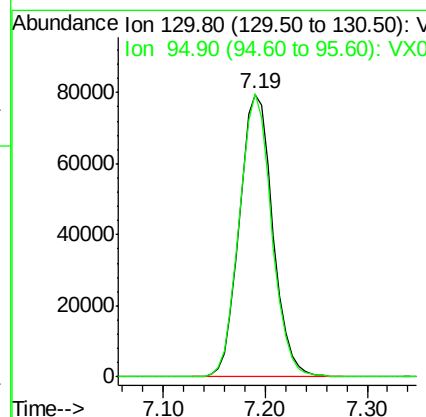
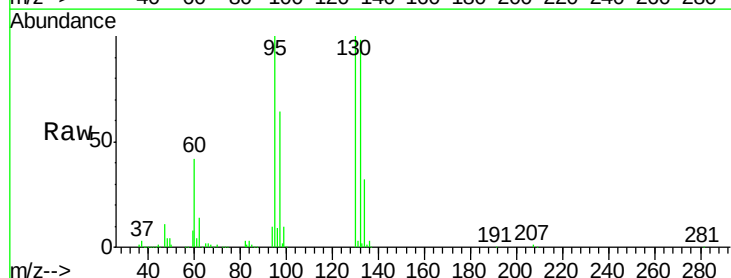
RT: 7.19 min Scan# 1001

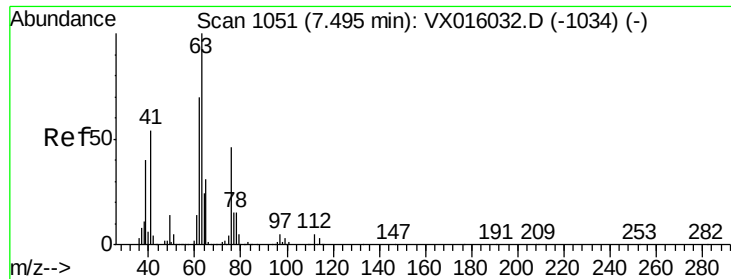
Delta R.T. 0.00 min

Lab File: VX016246.D

Acq: 14 May 2020 20:55

Tgt Ion:	130	Resp:	179811
Ion Ratio		Lower	Upper
130	100		
95	100.1	0.0	197.4





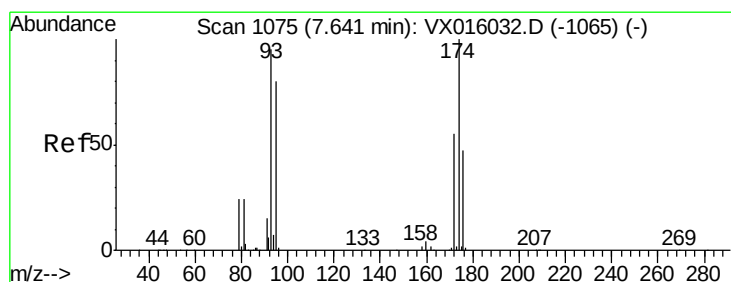
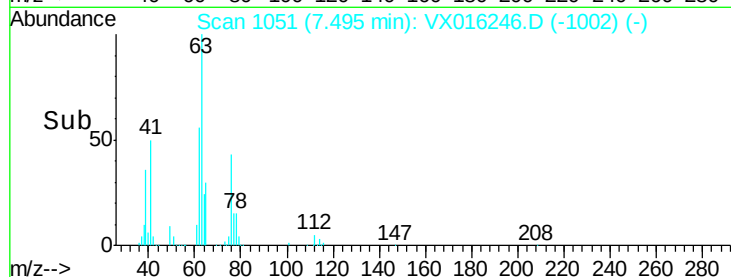
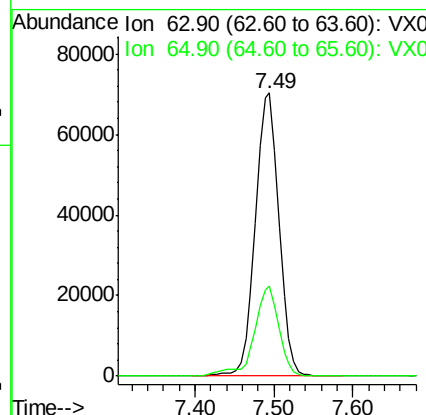
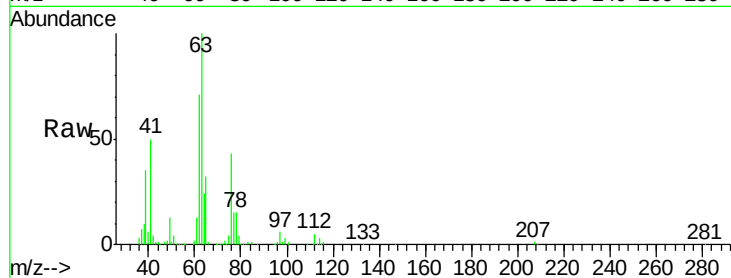
#45
 1,2-Dichloropropane
 Concen: 48.619 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VX016246.D
 Acq: 14 May 2020 20:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	24.4	36.6

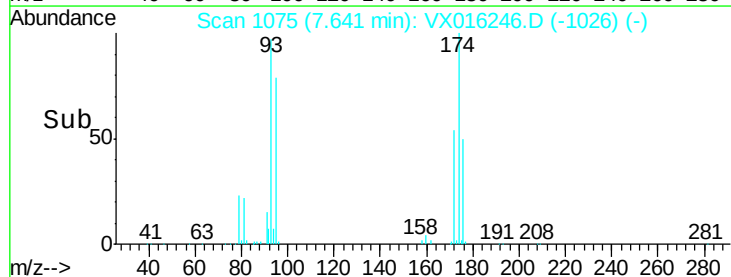
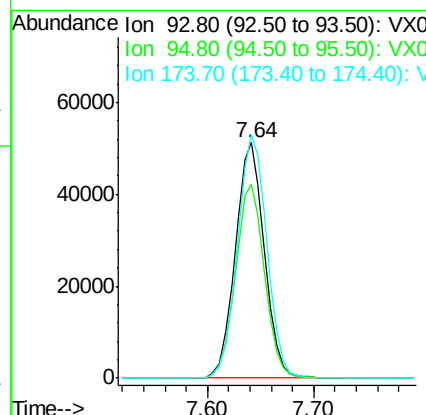
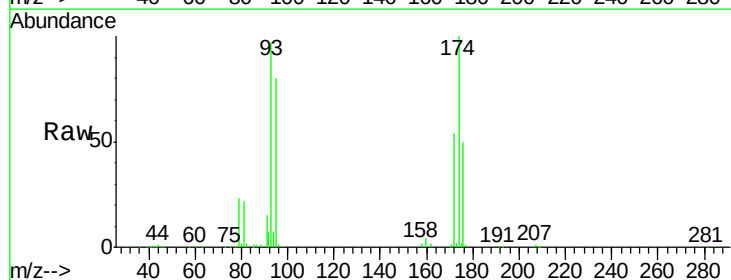
Manual Integrations
 APPROVED

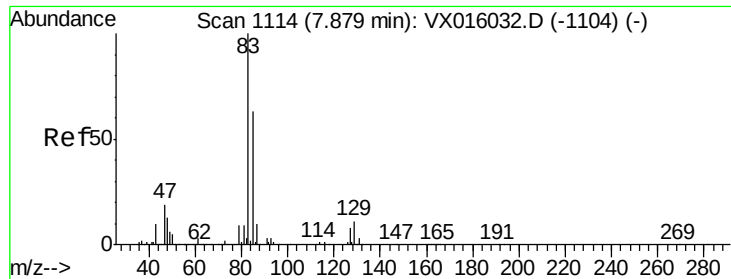
MMDadoda
 5/15/2020 12:29:32 PM



#46
 Dibromomethane
 Concen: 47.526 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX016246.D
 Acq: 14 May 2020 20:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.7	66.6	100.0
174	105.4	84.2	126.4





#47

Bromodichloromethane

Concen: 48.681 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016246.D

Acq: 14 May 2020 20:55

Instrument :

MSVOA_X

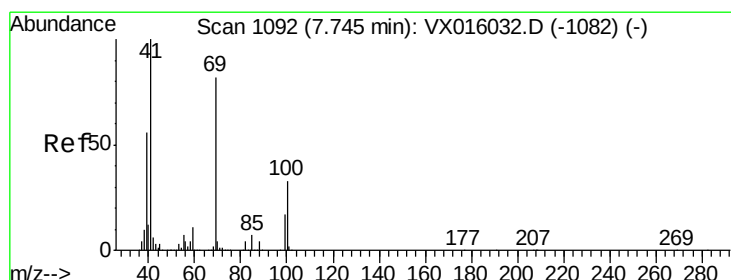
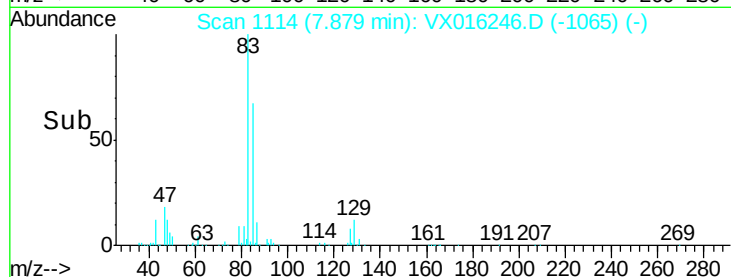
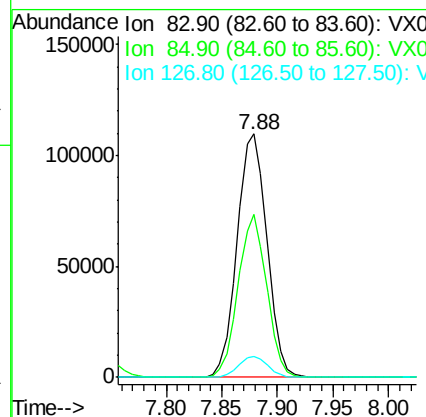
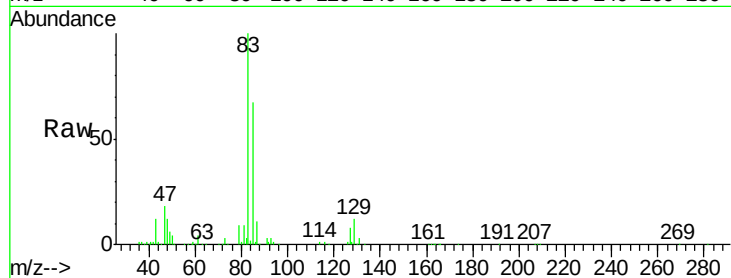
ClientSampleId :

VSTDCCC050EC

Tot Ion	83	Resp	203451
Ion	Ratio	Lower	Upper
83	100		
85	66.7	50.5	75.7
127	8.4	6.7	10.1

Manual Integrations
APPROVED

MMDadoda
5/15/2020 12:29:32 PM



#48

Methyl methacrylate

Concen: 45.523 ug/l

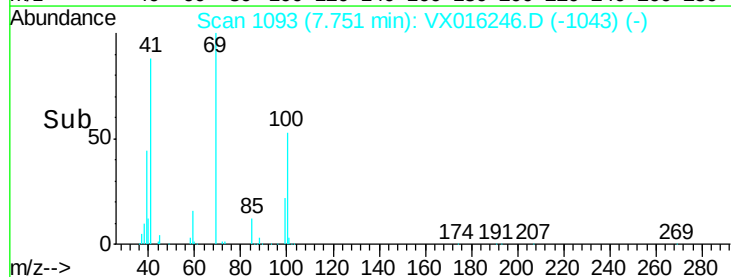
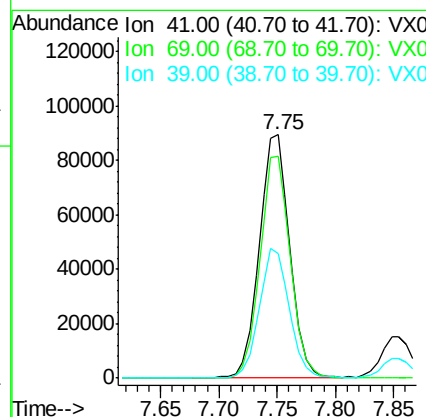
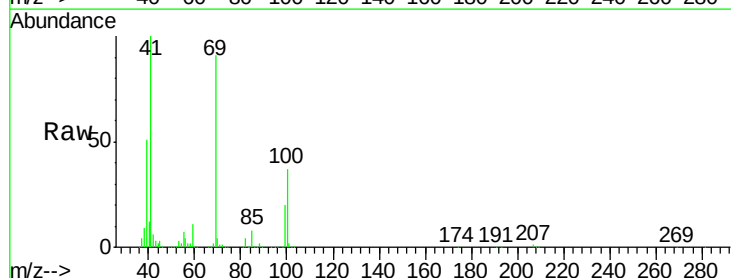
RT: 7.75 min Scan# 1093

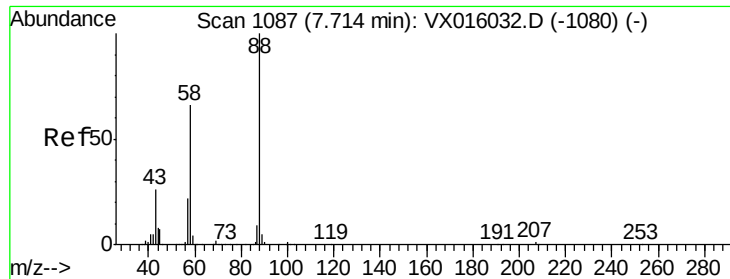
Delta R.T. 0.01 min

Lab File: VX016246.D

Acq: 14 May 2020 20:55

Tgt Ion	41	Resp	162692
Ion	Ratio	Lower	Upper
41	100		
69	90.7	67.8	101.6
39	52.3	44.6	67.0





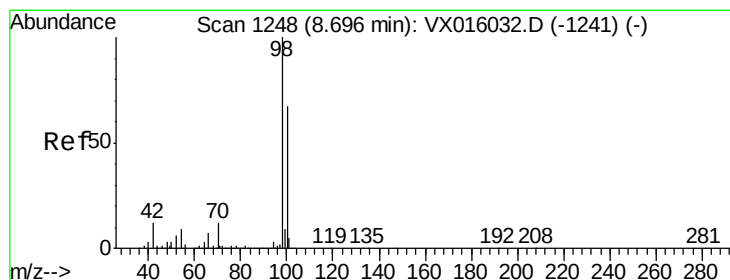
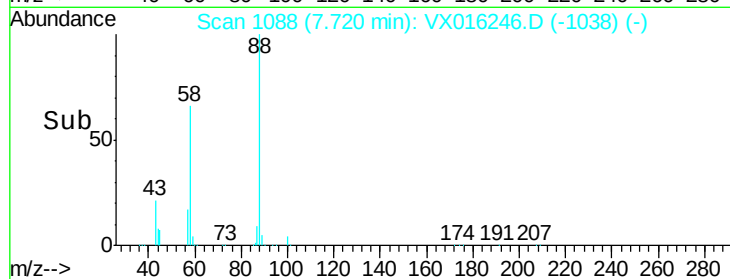
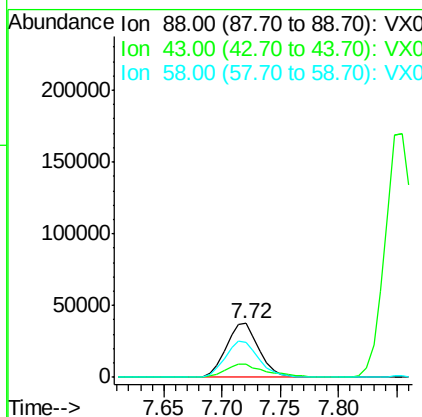
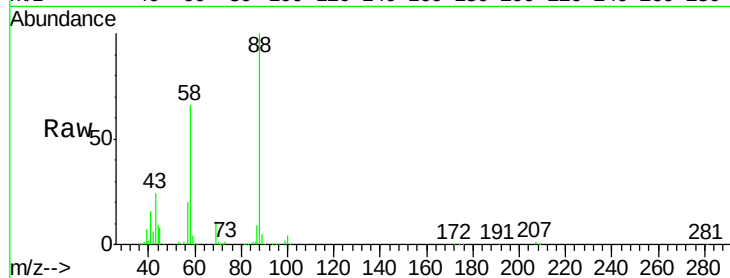
#49
1,4-Dioxane
Concen: 855.504 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX016246.D
Acq: 14 May 2020 20:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.2	25.3	37.9
58	69.8	55.9	83.9

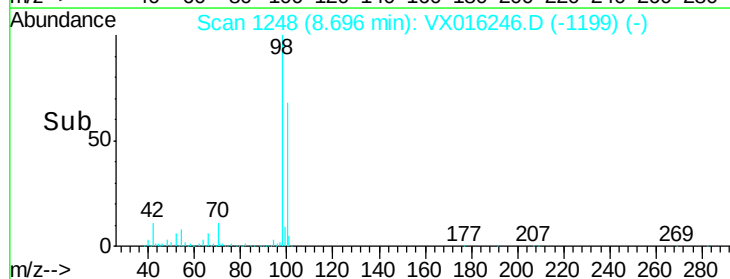
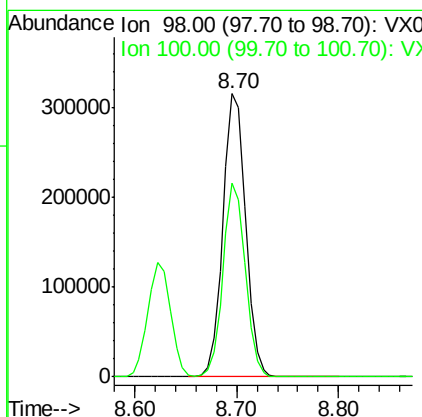
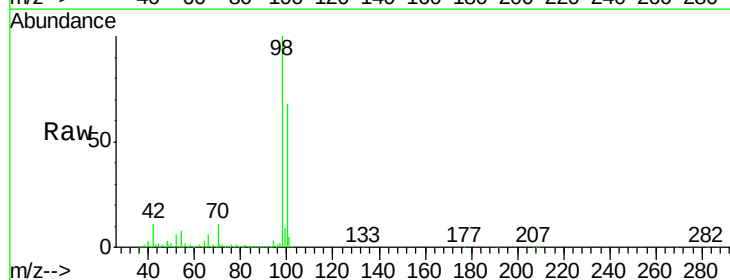
Manual Integrations
APPROVED

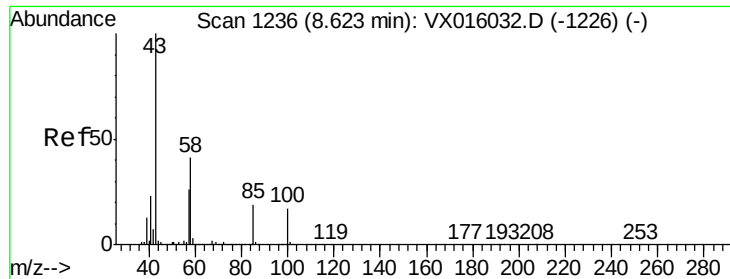
MMDadoda
5/15/2020 12:29:32 PM



#50
Toluene-d8
Concen: 48.313 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016246.D
Acq: 14 May 2020 20:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.7	80.5





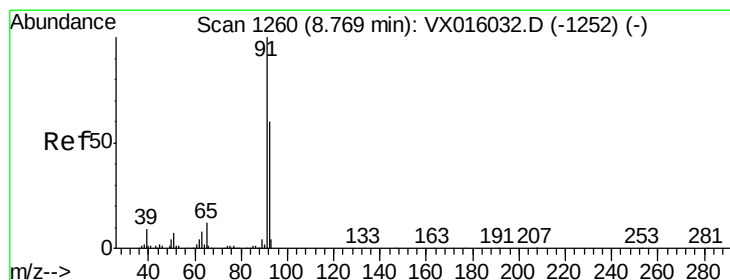
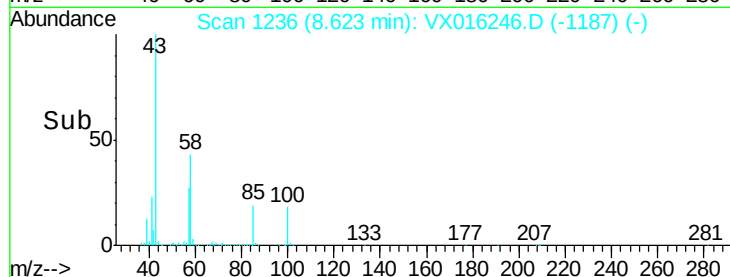
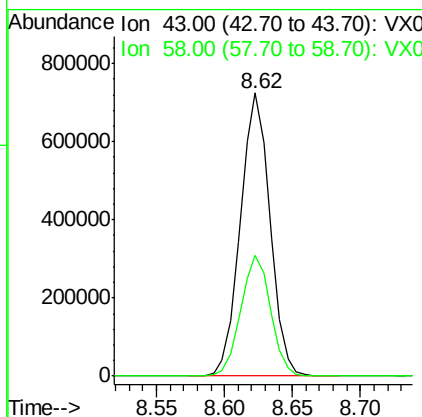
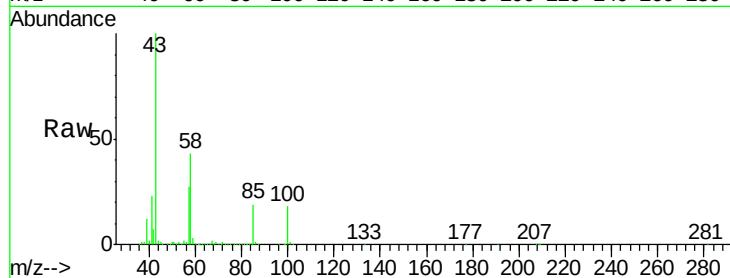
#51
4-Methyl-2-Pentanone
Concen: 239.143 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX016246.D
Acq: 14 May 2020 20:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1103741
Ion Ratio Lower Upper
43 100
58 42.9 33.0 49.4

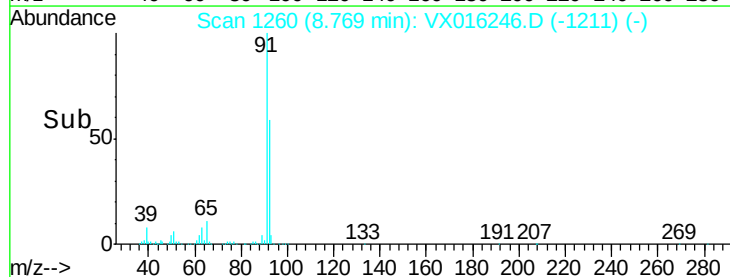
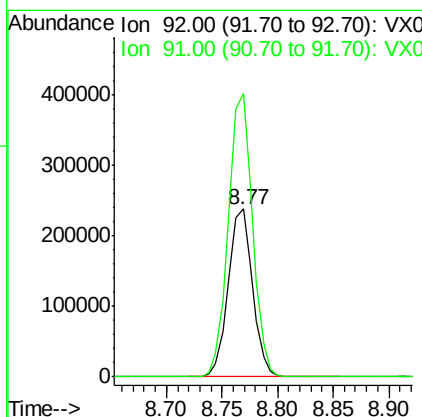
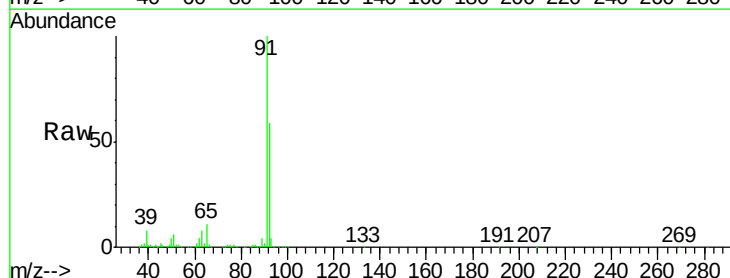
Manual Integrations
APPROVED

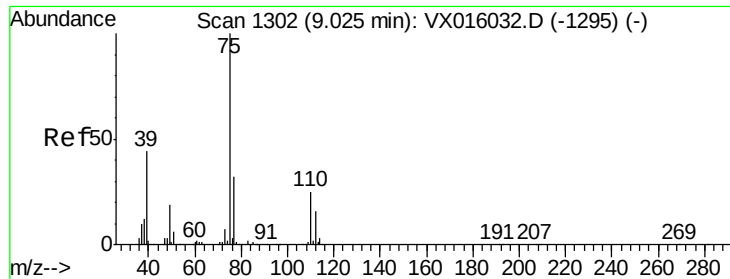
MMDadoda
5/15/2020 12:29:32 PM



#52
Toluene
Concen: 48.463 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VX016246.D
Acq: 14 May 2020 20:55

Tgt Ion: 92 Resp: 360482
Ion Ratio Lower Upper
92 100
91 168.2 134.5 201.7





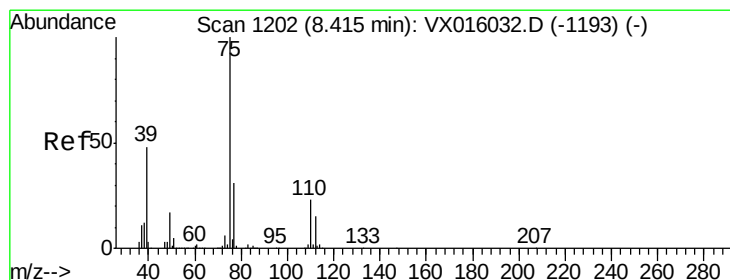
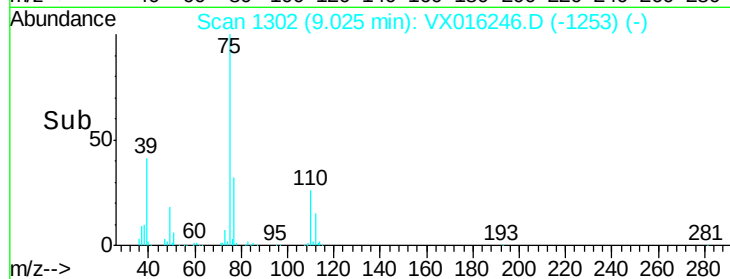
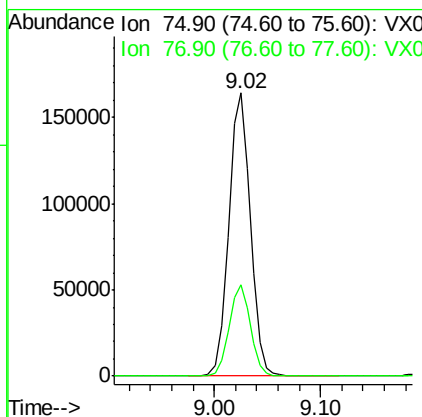
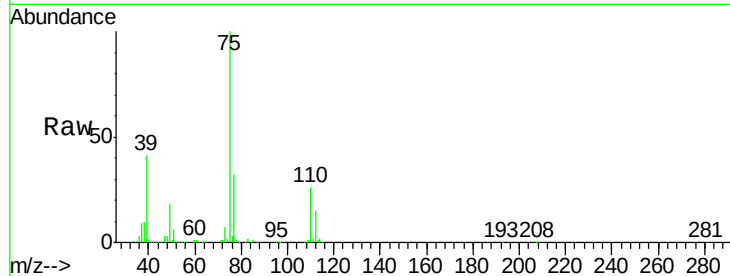
#53
t-1,3-Dichloropropene
Concen: 46.843 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX016246.D
Acq: 14 May 2020 20:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.7	38.5

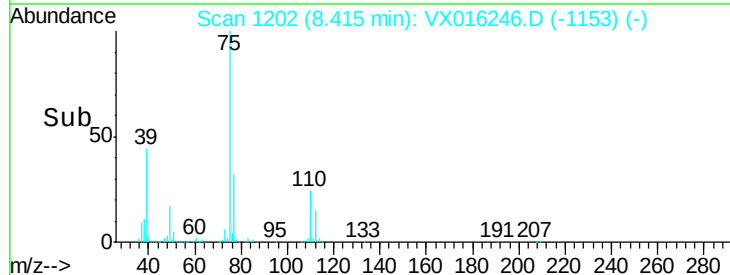
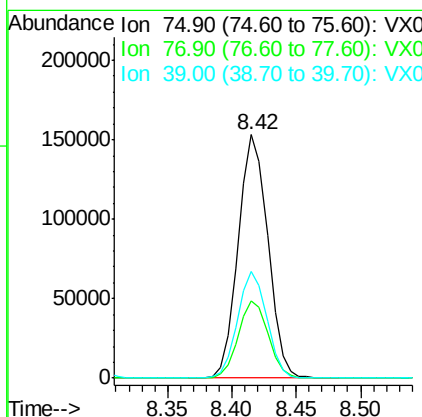
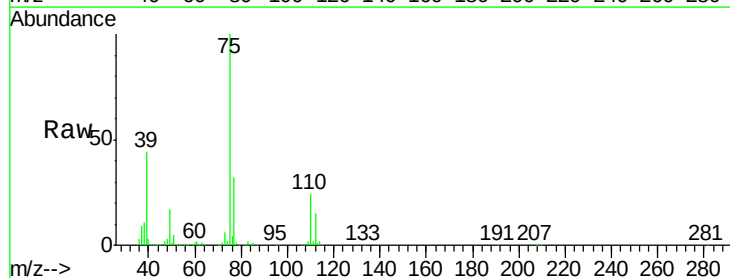
Manual Integrations
APPROVED

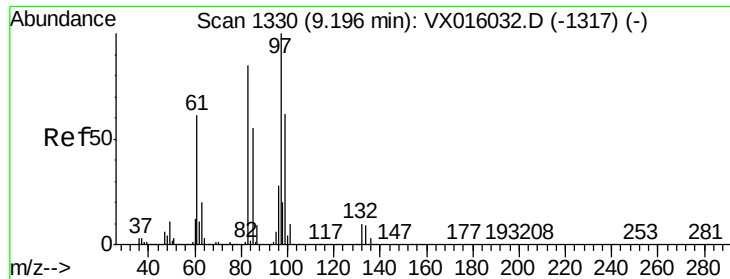
MMDadoda
5/15/2020 12:29:32 PM



#54
cis-1,3-Dichloropropene
Concen: 46.970 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX016246.D
Acq: 14 May 2020 20:55

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.9	24.7	37.1
39	43.8	38.7	58.1





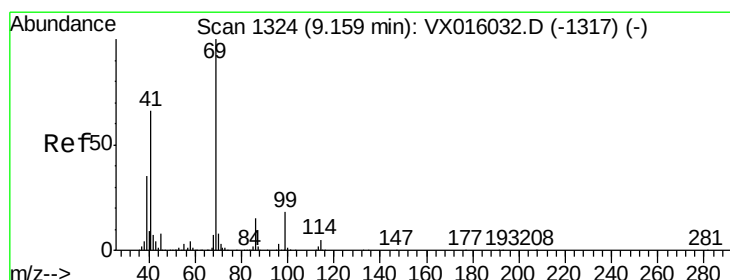
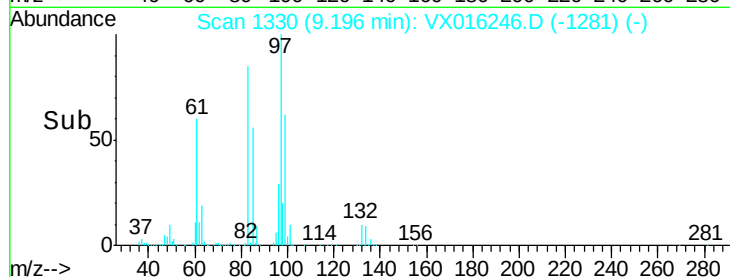
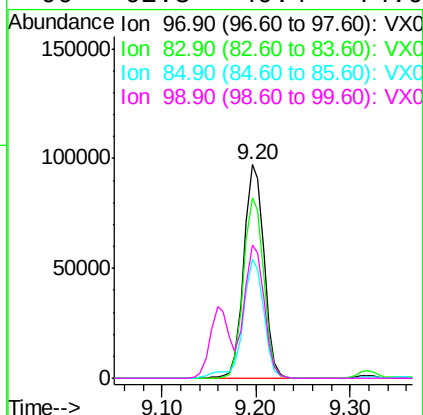
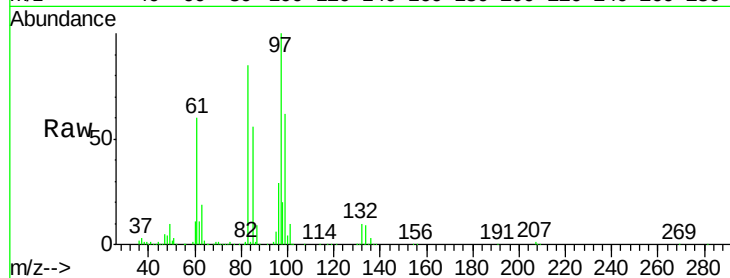
#55
 1,1,2-Trichloroethane
 Concen: 49.903 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016246.D
 Acq: 14 May 2020 20:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		146041		
83	84.8	67.8	101.8		
85	55.9	43.8	65.8		
99	62.3	49.4	74.0		

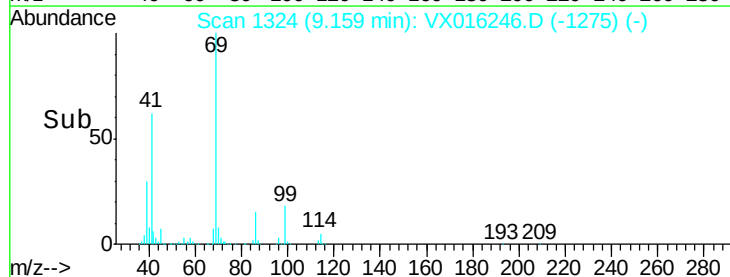
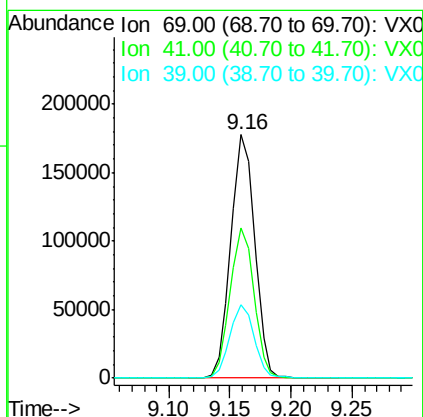
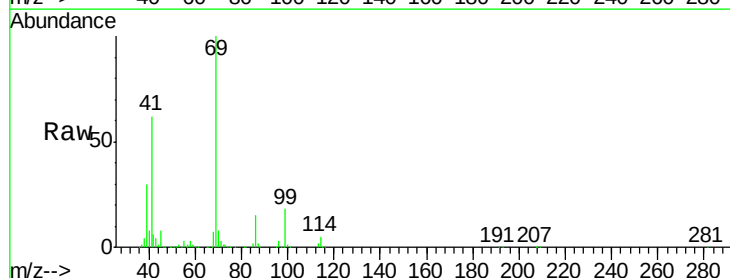
Manual Integrations
 APPROVED

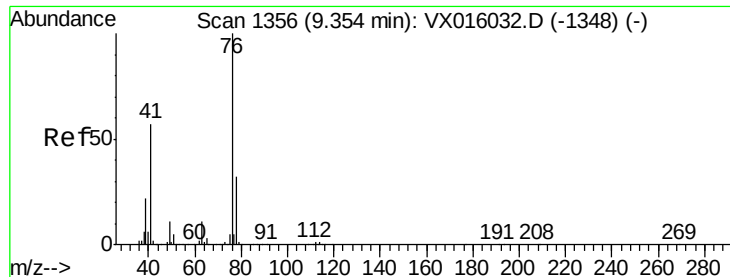
MMDadoda
 5/15/2020 12:29:32 PM



#56
 Ethyl methacrylate
 Concen: 50.474 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016246.D
 Acq: 14 May 2020 20:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		241114		
41	61.6	52.2	78.4		
39	31.0	28.2	42.4		





#57

1,3-Dichloropropane

Concen: 49.220 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016246.D

Acq: 14 May 2020 20:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 251341

Ion Ratio Lower Upper

76 100

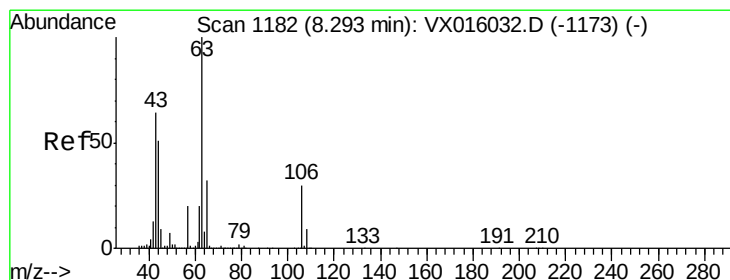
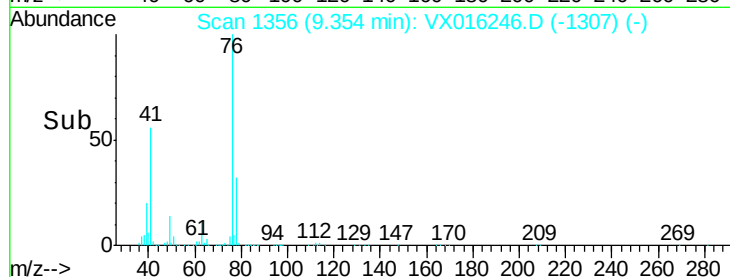
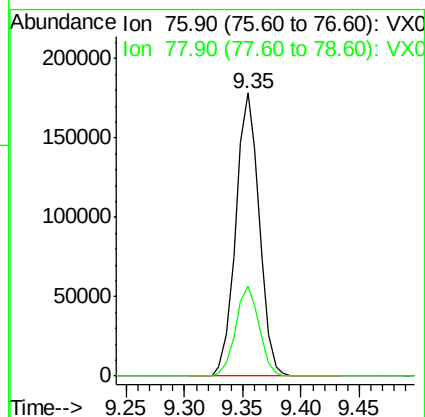
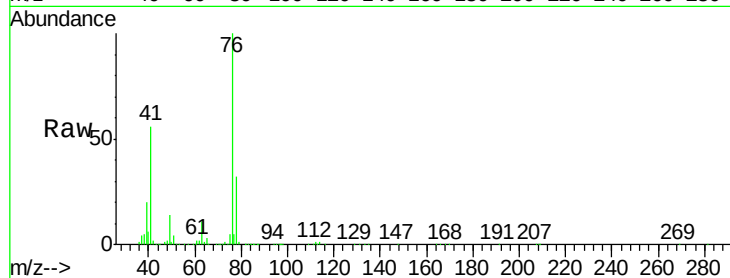
78 31.9 25.9 38.9

Manual Integrations

APPROVED

MMDadoda

5/15/2020 12:29:32 PM



#58

2-Chloroethyl Vinyl ether

Concen: 243.697 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX016246.D

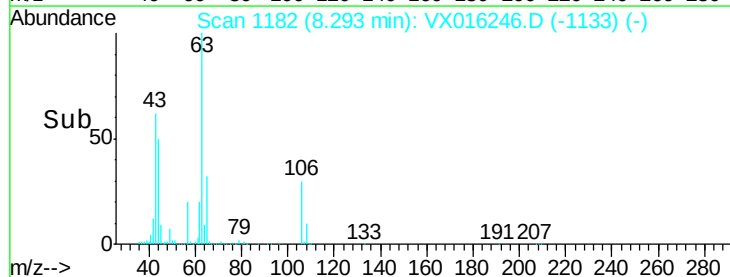
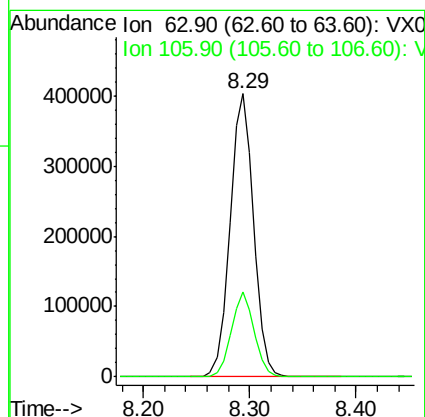
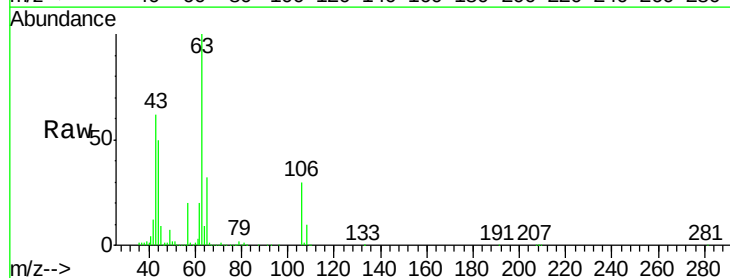
Acq: 14 May 2020 20:55

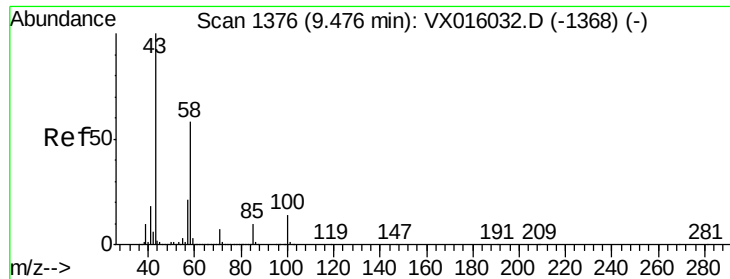
Tgt Ion: 63 Resp: 619756

Ion Ratio Lower Upper

63 100

106 29.1 23.4 35.2





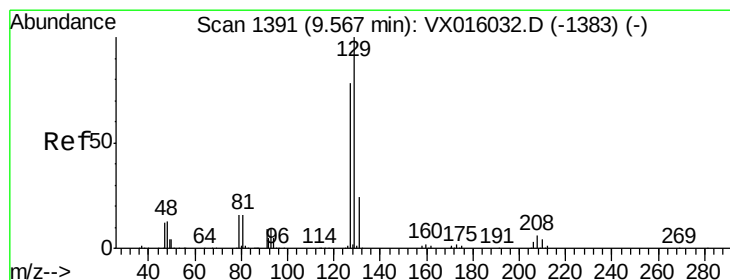
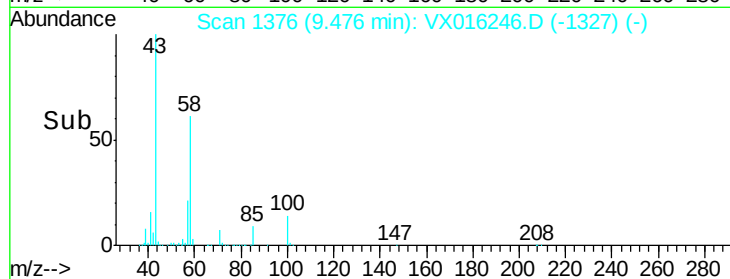
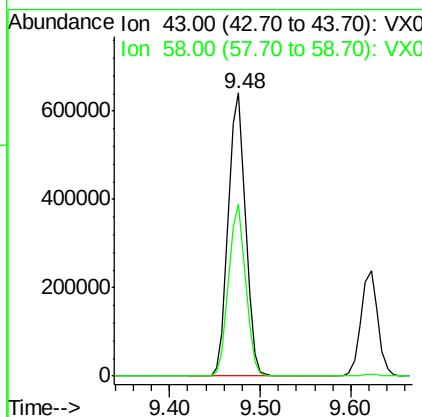
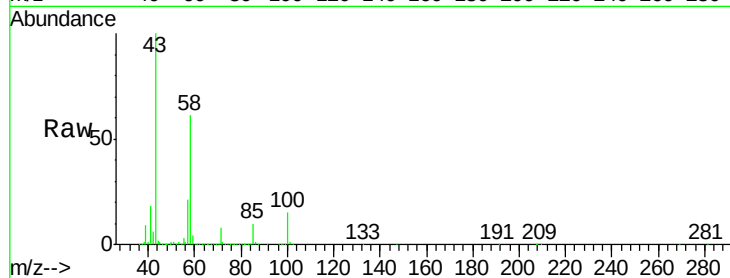
#59
2-Hexanone
Concen: 235.829 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX016246.D
Acq: 14 May 2020 20:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 854783
Ion Ratio Lower Upper
43 100
58 59.9 28.6 85.9

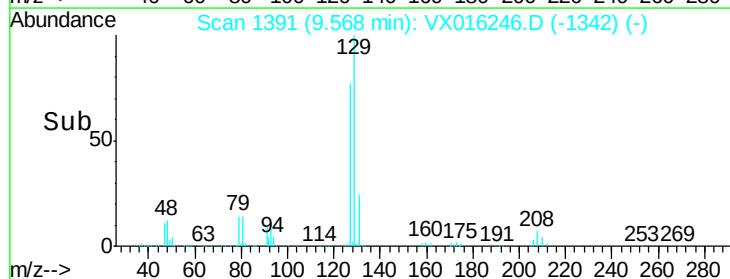
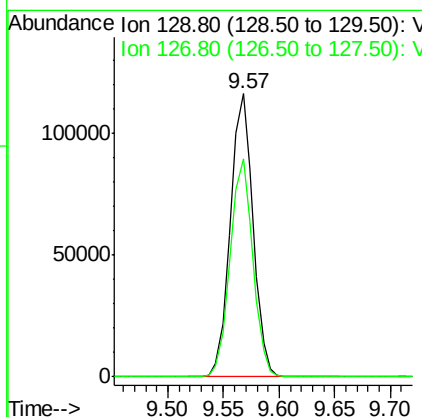
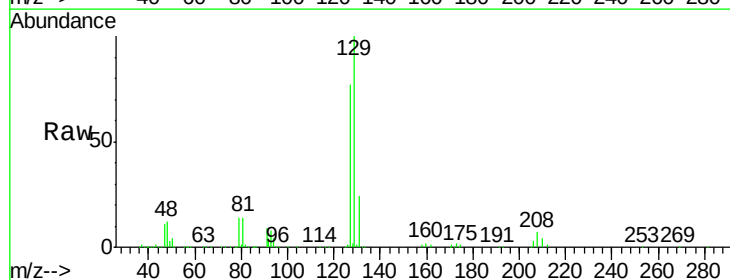
Manual Integrations
APPROVED

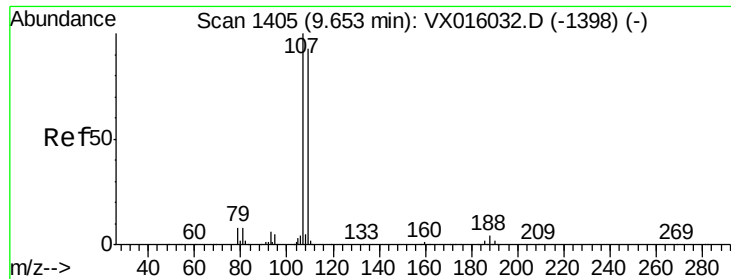
MMDadoda
5/15/2020 12:29:32 PM



#60
Dibromochloromethane
Concen: 50.835 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016246.D
Acq: 14 May 2020 20:55

Tgt Ion: 129 Resp: 163848
Ion Ratio Lower Upper
129 100
127 77.2 38.4 115.2





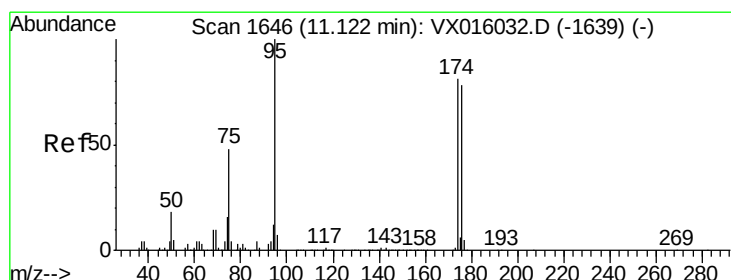
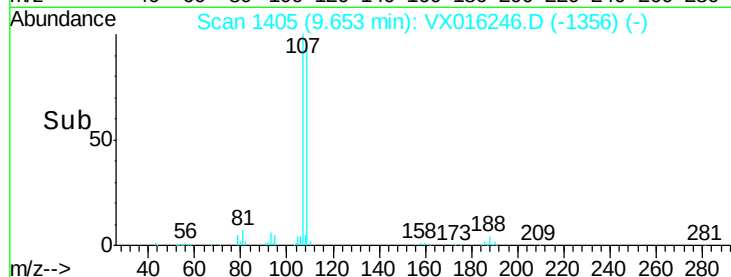
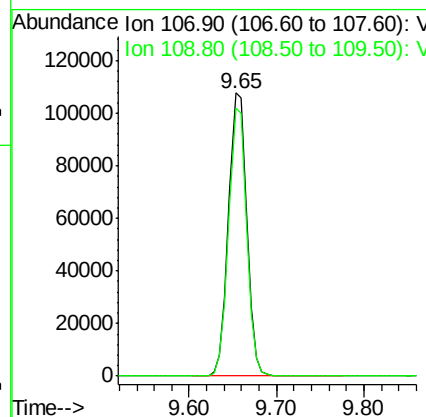
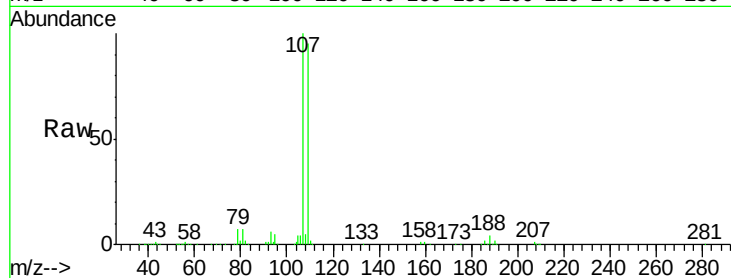
#61
 1,2-Dibromoethane
 Concen: 49.124 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX016246.D
 Acq: 14 May 2020 20:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.8	74.9	112.3

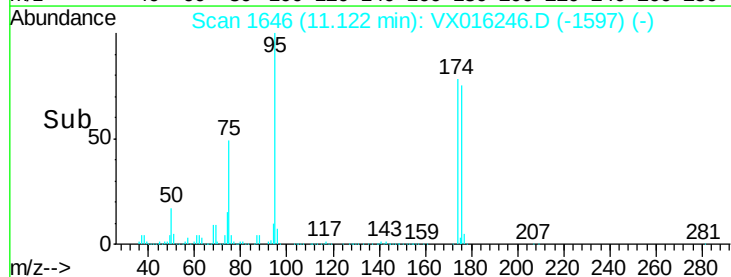
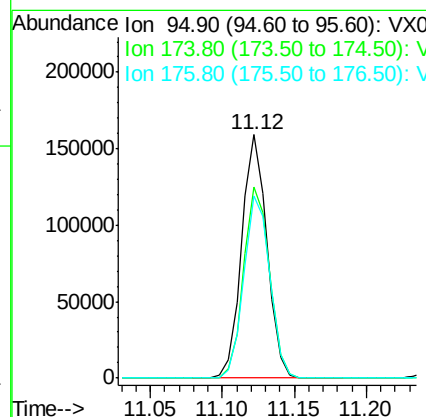
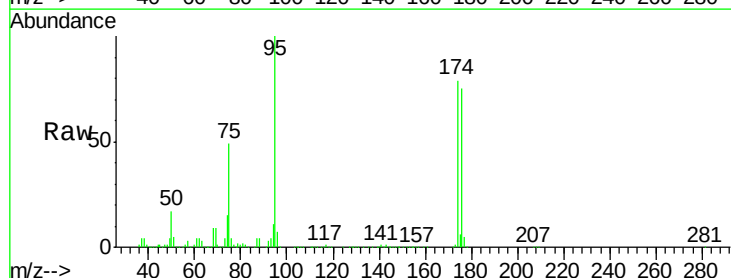
Manual Integrations
 APPROVED

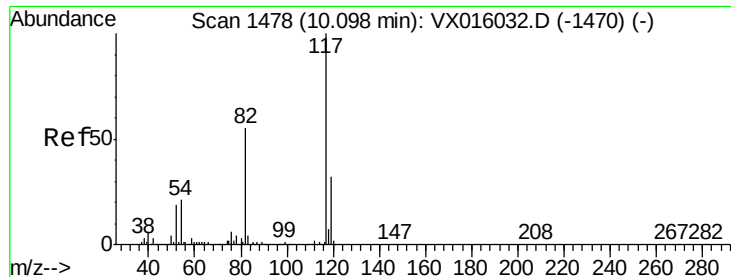
MMDadoda
 5/15/2020 12:29:32 PM



#62
 4-Bromofluorobenzene
 Concen: 50.515 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX016246.D
 Acq: 14 May 2020 20:55

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.2	0.0	159.4
176	77.0	0.0	157.6





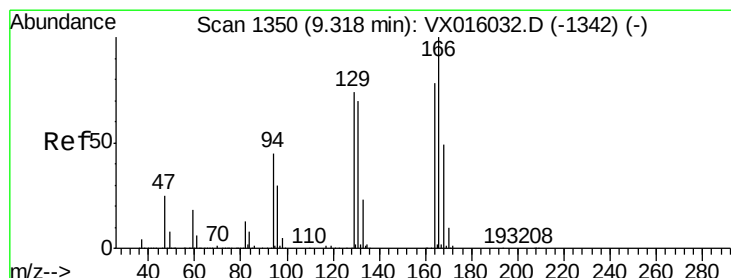
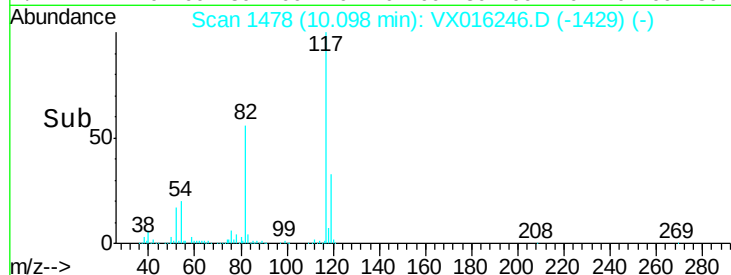
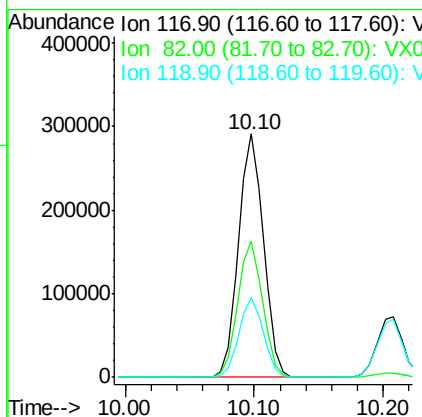
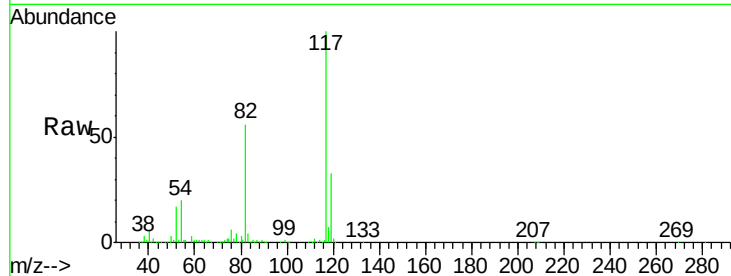
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016246.D
Acq: 14 May 2020 20:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	117	Resp:	391120
Ion Ratio	Lower	Upper	
117	100		
82	55.9	44.4	66.6
119	33.0	25.5	38.3

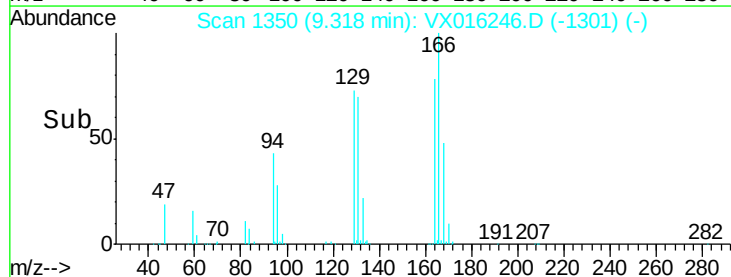
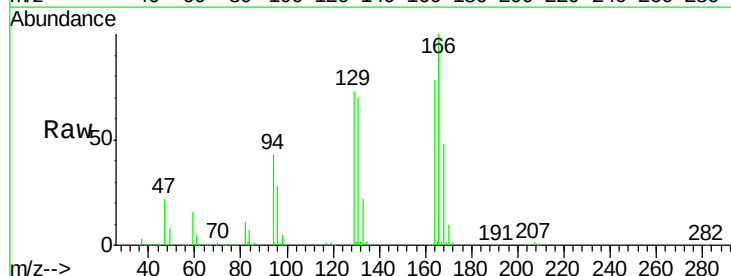
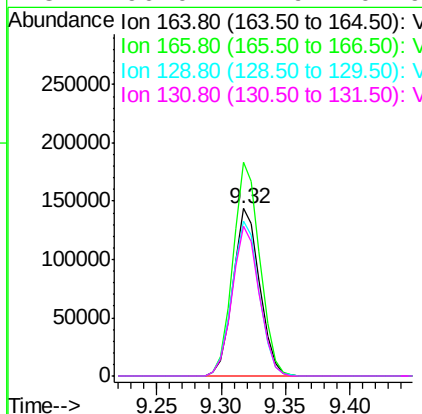
Manual Integrations
APPROVED

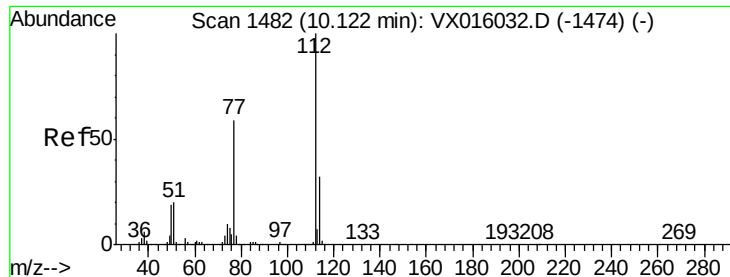
MMDadoda
5/15/2020 12:29:32 PM



#64
Tetrachloroethene
Concen: 43.319 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016246.D
Acq: 14 May 2020 20:55

Tgt Ion:	164	Resp:	207997
Ion Ratio	Lower	Upper	
164	100		
166	127.7	102.9	154.3
129	93.0	76.1	114.1
131	90.0	71.9	107.9





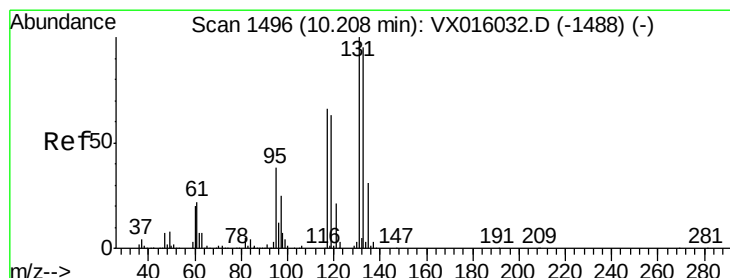
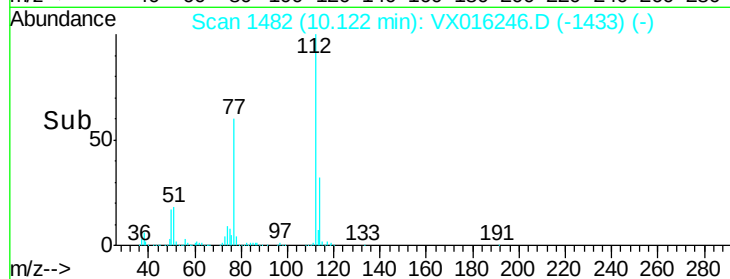
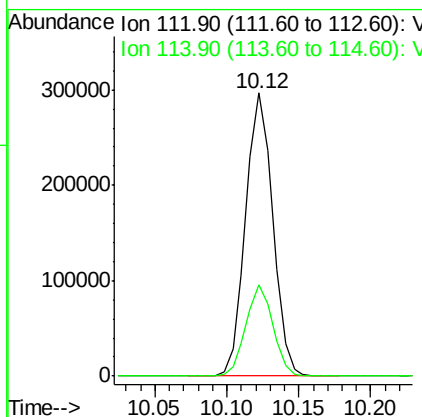
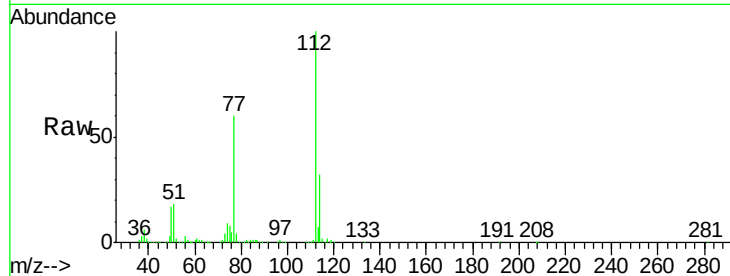
#65
Chlorobenzene
Concen: 47.231 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX016246.D
Acq: 14 May 2020 20:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
112	100	386801		
114	32.1	25.7	38.5	

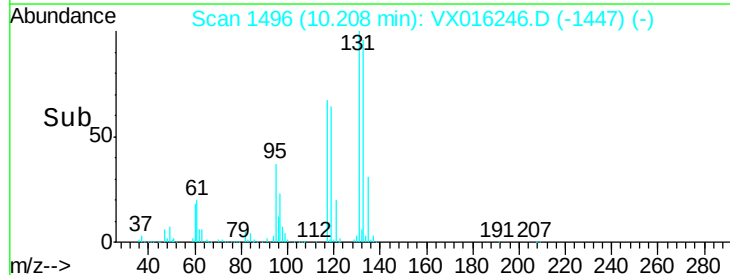
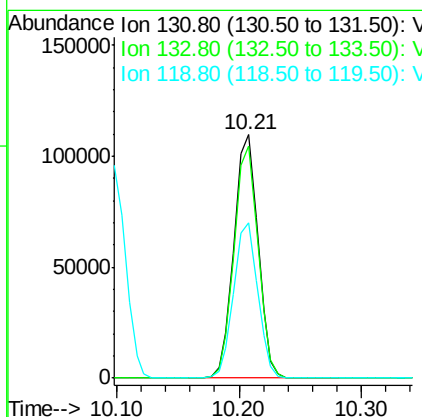
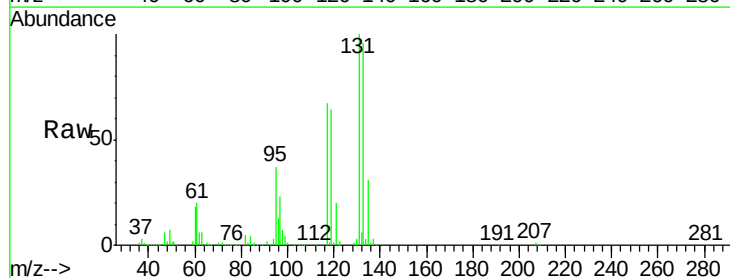
Manual Integrations
APPROVED

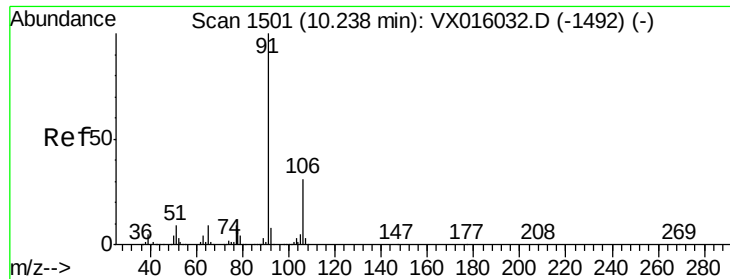
MMDadoda
5/15/2020 12:29:32 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.055 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX016246.D
Acq: 14 May 2020 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	148487		
133	95.5	48.3	144.8	
119	63.8	32.3	96.9	





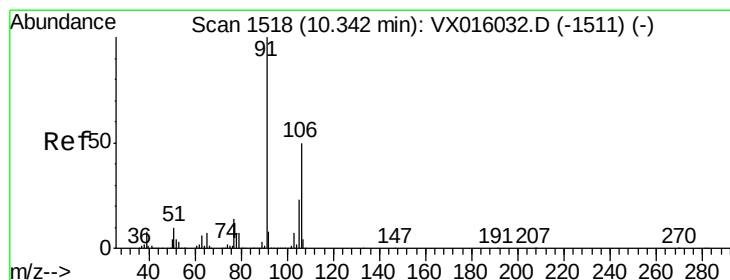
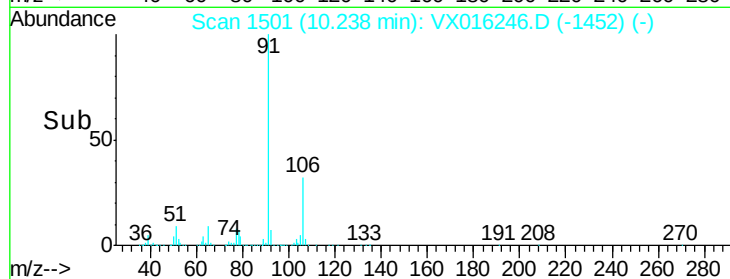
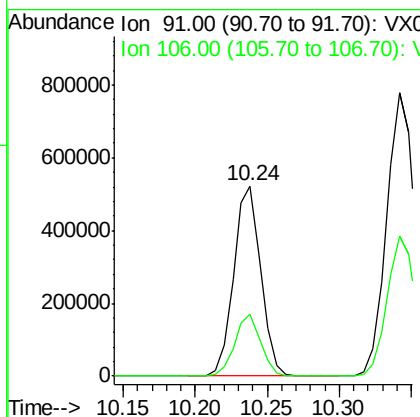
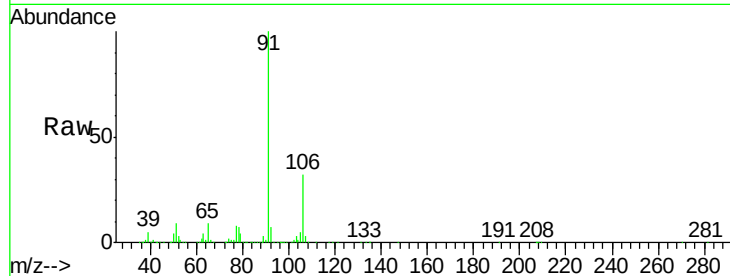
#67
Ethyl Benzene
Concen: 46.899 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX016246.D
Acq: 14 May 2020 20:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 685306
Ion Ratio Lower Upper
91 100
106 32.2 25.1 37.7

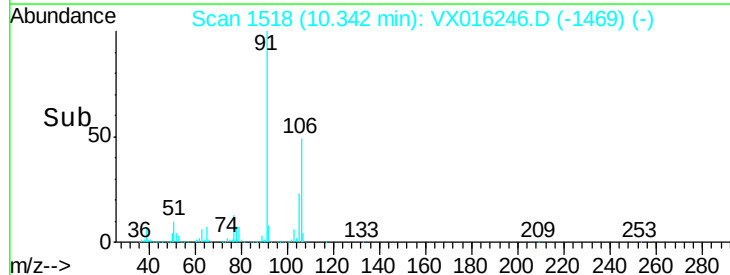
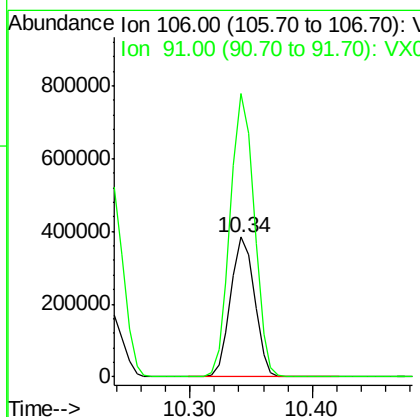
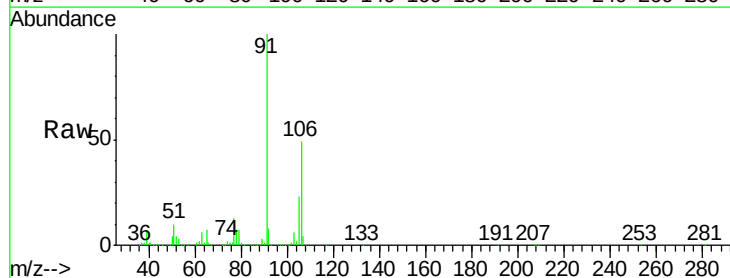
Manual Integrations
APPROVED

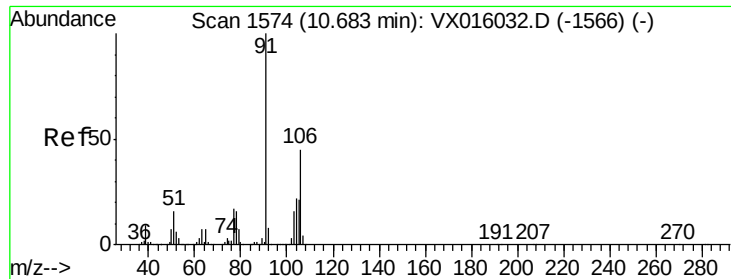
MMDadoda
5/15/2020 12:29:32 PM



#68
m/p-Xylenes
Concen: 95.272 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016246.D
Acq: 14 May 2020 20:55

Tgt Ion: 106 Resp: 521586
Ion Ratio Lower Upper
106 100
91 202.6 161.7 242.5





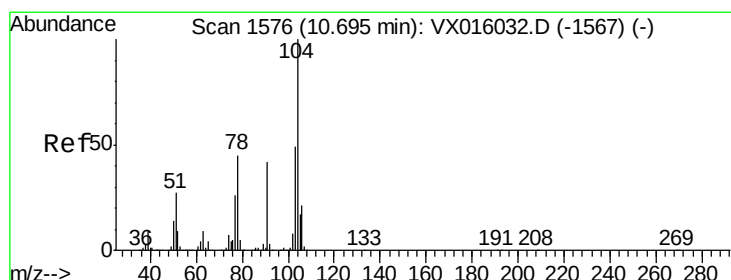
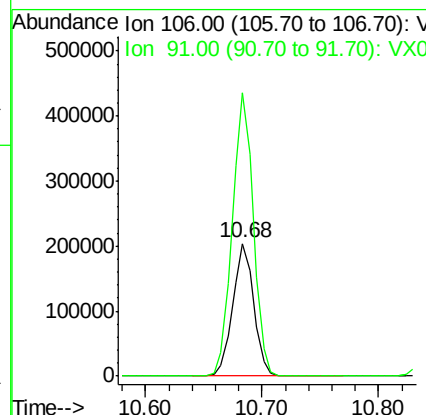
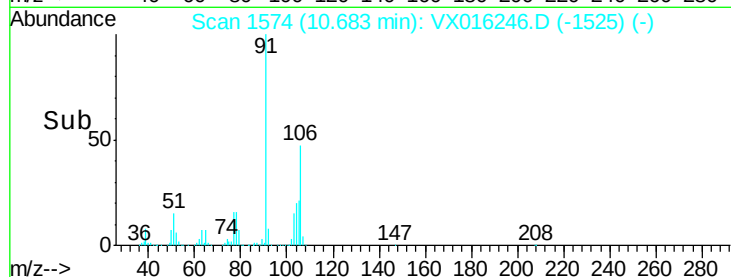
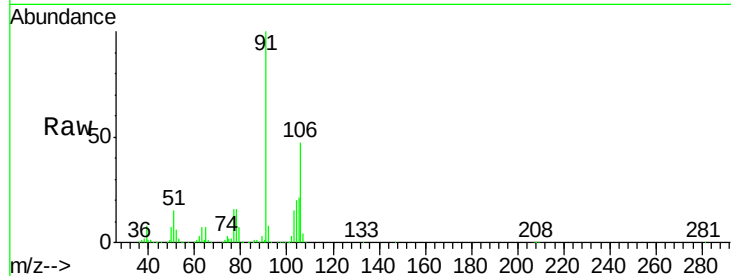
#69
o-Xylene
Concen: 48.216 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016246.D
Acq: 14 May 2020 20:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
253737	106			
100	106	100		
215.1	91		107.5	322.6

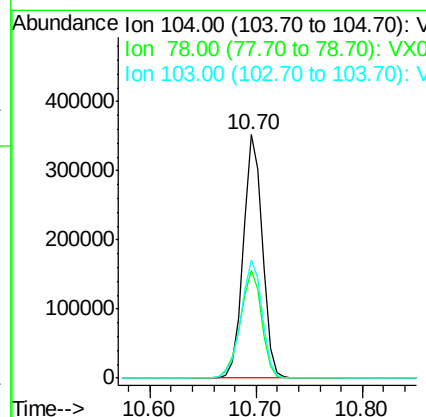
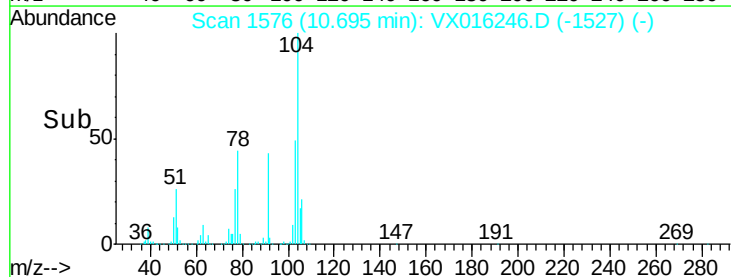
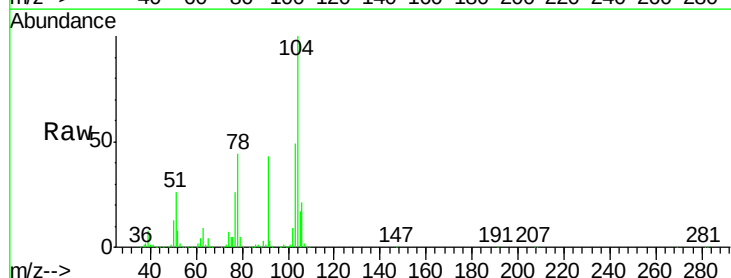
Manual Integrations
APPROVED

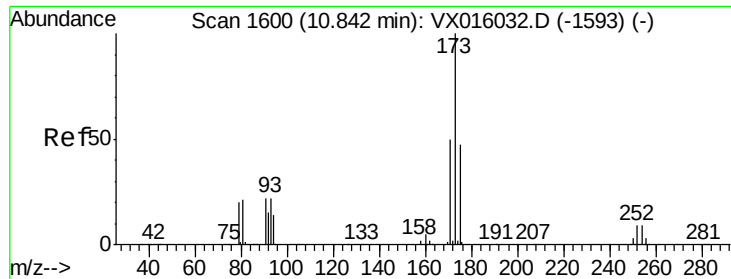
MMDadoda
5/15/2020 12:29:32 PM



#70
Styrene
Concen: 49.825 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016246.D
Acq: 14 May 2020 20:55

Tgt Ion	Ion	Ratio	Lower	Upper
444825	104			
100	104	100		
49.3	78		40.2	60.2
53.5	103		43.0	64.6





#71

Bromoform

Concen: 51.269 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016246.D

Acq: 14 May 2020 20:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 126438

Ion Ratio Lower Upper

173 100

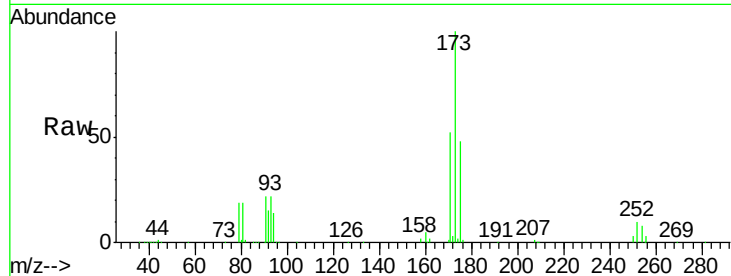
175 48.1 24.0 72.0

254 0.1 0.1 0.1

Manual Integrations
APPROVED

MMDadoda

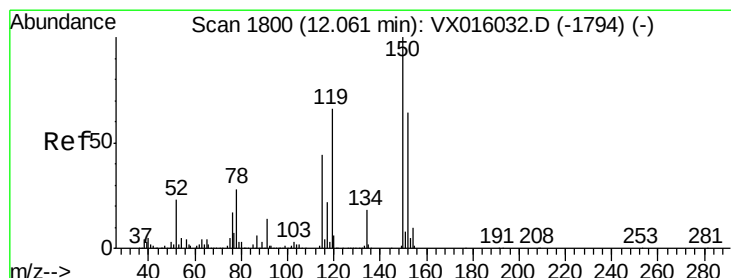
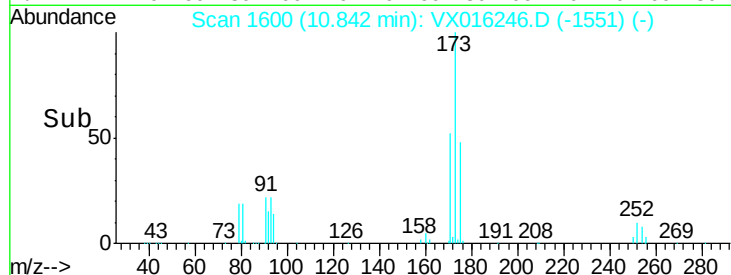
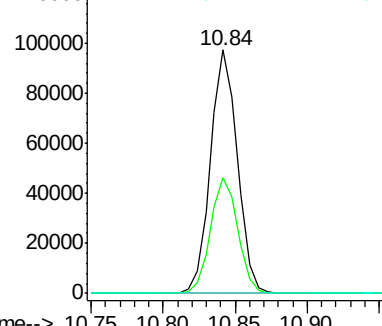
5/15/2020 12:29:32 PM



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: 12.07 min Scan# 1801

Delta R.T. 0.01 min

Lab File: VX016246.D

Acq: 14 May 2020 20:55

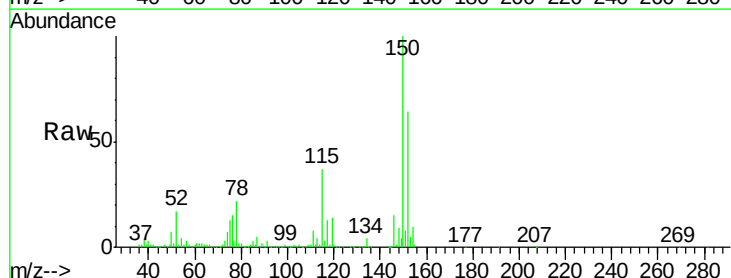
Tgt Ion:152 Resp: 202526

Ion Ratio Lower Upper

152 100

115 80.9 41.3 124.1

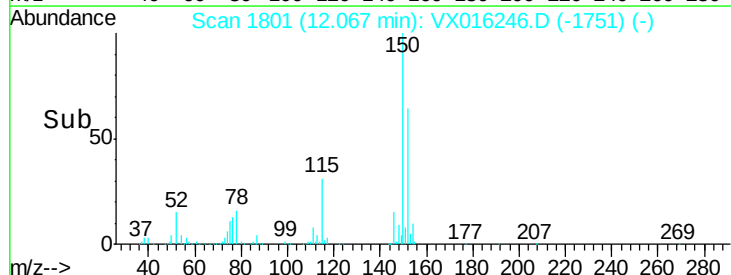
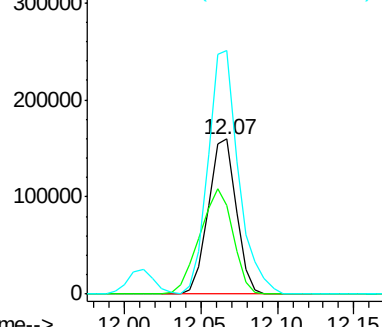
150 170.6 0.0 352.2

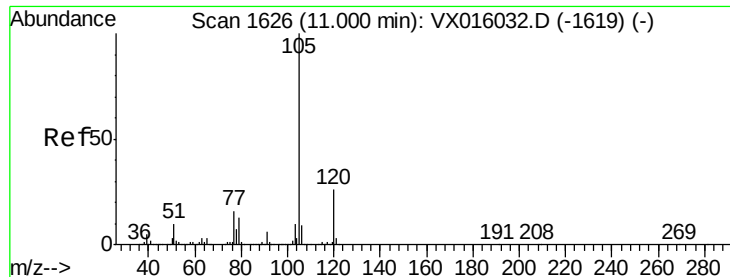


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 45.909 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016246.D

Acq: 14 May 2020 20:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 676265

Ion Ratio Lower Upper

105 100

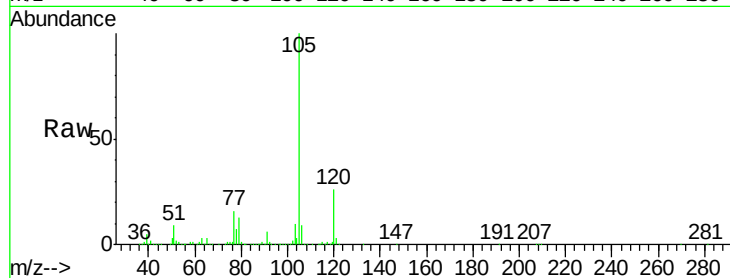
120 26.8 13.4 40.2

Manual Integrations

APPROVED

MMDadoda

5/15/2020 12:29:32 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

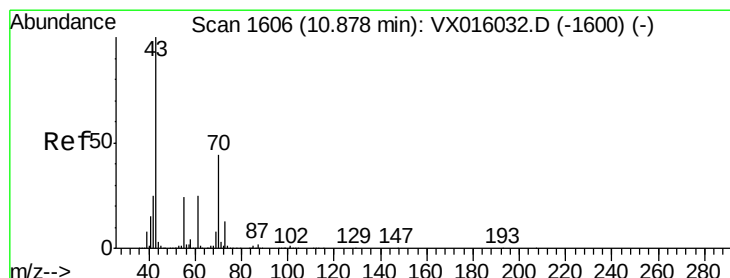
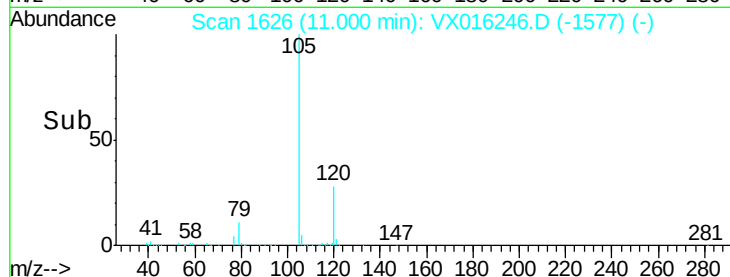
200000

100000

0

11.00

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 44.108 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016246.D

Acq: 14 May 2020 20:55

Tgt Ion: 43 Resp: 303068

Ion Ratio Lower Upper

43 100

70 47.4 36.5 54.7

55 25.9 19.7 29.5

61 26.6 20.9 31.3

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

300000

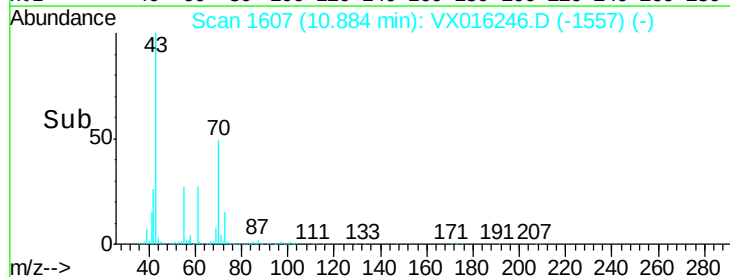
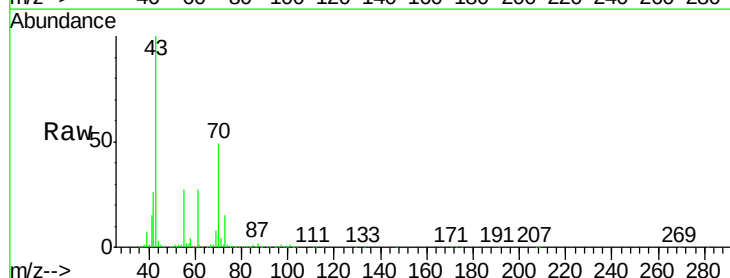
200000

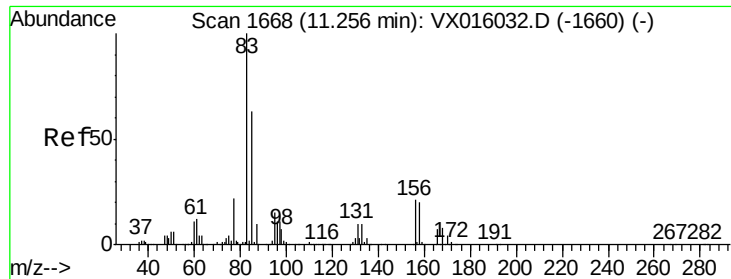
100000

0

10.88

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 57.641 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016246.D

Acq: 14 May 2020 20:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 170035

Ion Ratio Lower Upper

83 100

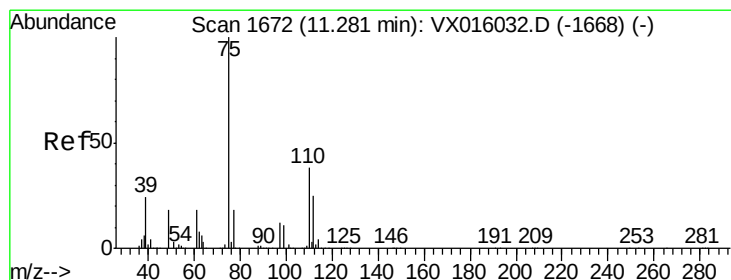
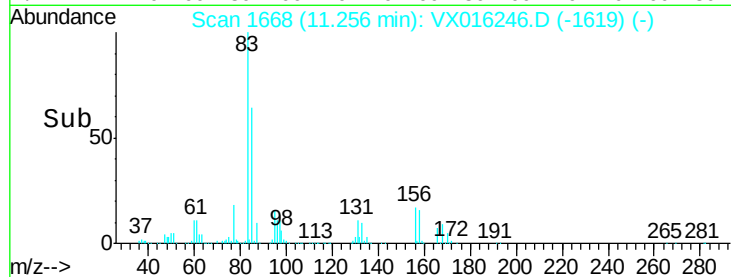
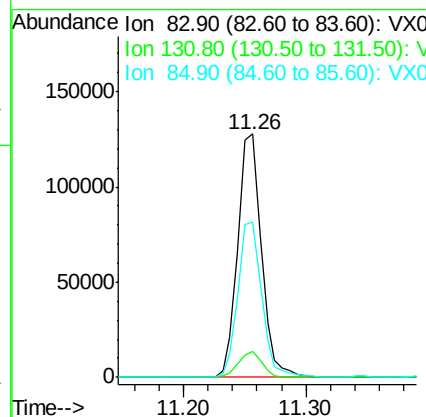
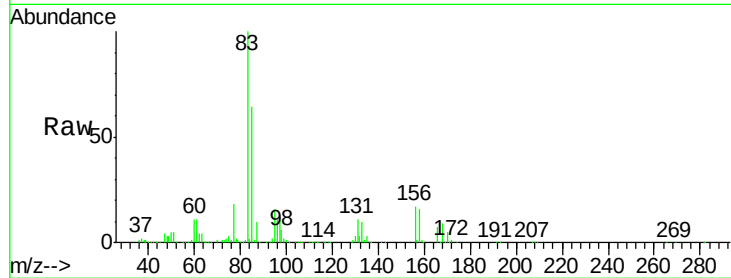
131 10.5 5.1 15.4

85 64.6 32.0 96.0

Manual Integrations
APPROVED

MMDadoda

5/15/2020 12:29:32 PM



#76

1,2,3-Trichloropropane

Concen: 45.937 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016246.D

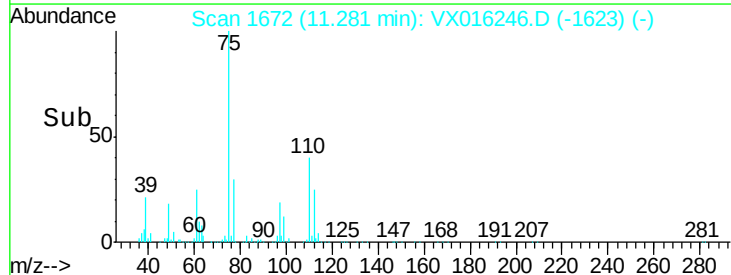
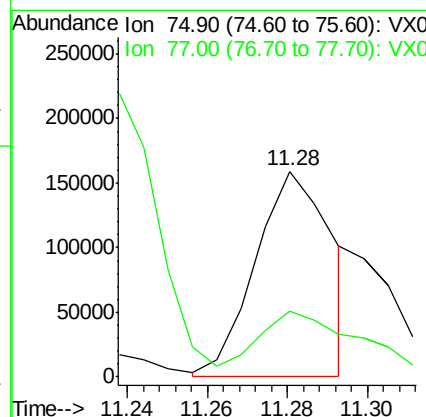
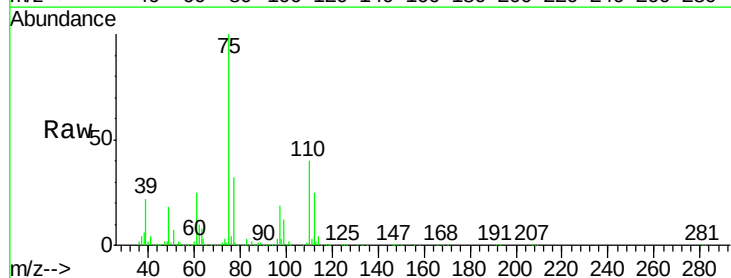
Acq: 14 May 2020 20:55

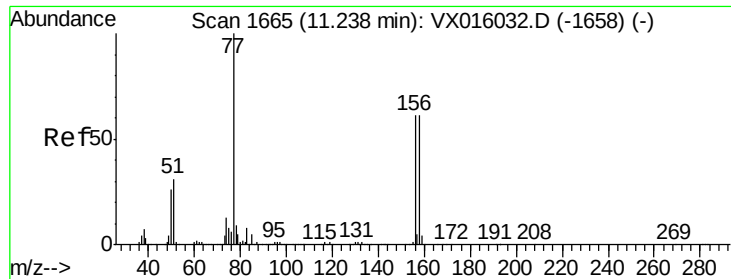
Tgt Ion: 75 Resp: 211119

Ion Ratio Lower Upper

75 100

77 42.7 21.2 63.6





#77

Bromobenzene

Concen: 46.131 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016246.D

Acq: 14 May 2020 20:55

Instrument :

MSVOA_X

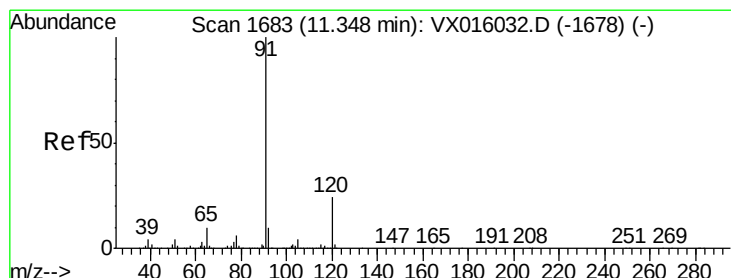
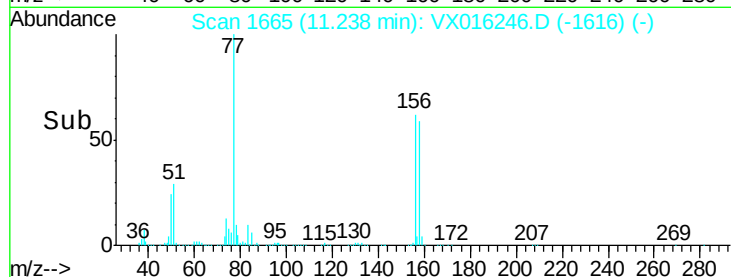
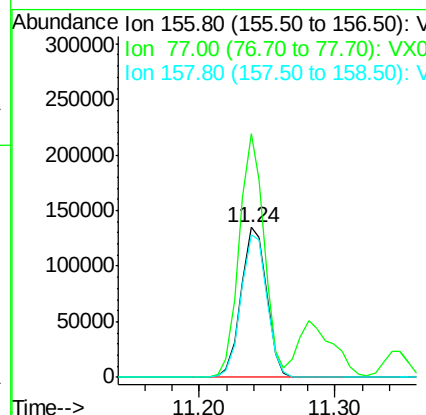
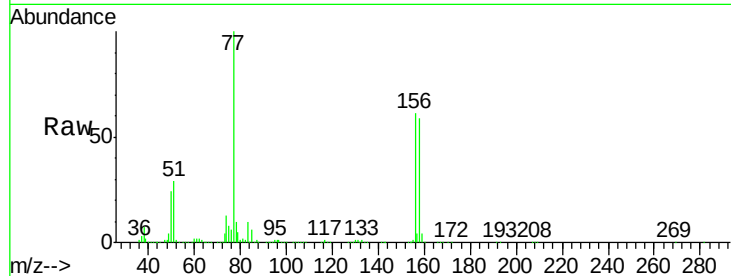
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	175401
Ion Ratio	Lower	Upper	
156	100		
77	159.0	80.1	240.3
158	96.8	49.4	148.2

Manual Integrations
APPROVED

MMDadoda
5/15/2020 12:29:32 PM



#78

n-propylbenzene

Concen: 44.933 ug/l

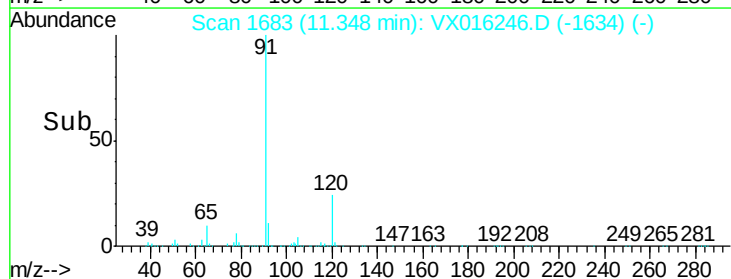
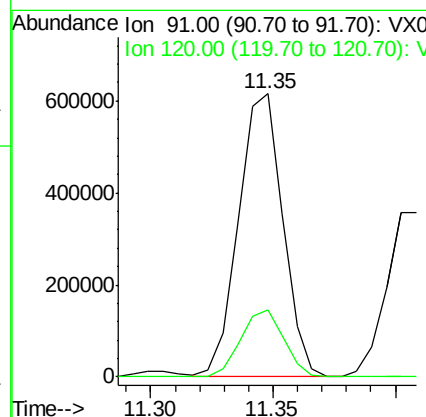
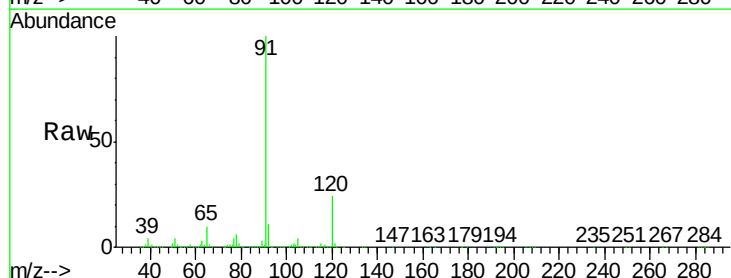
RT: 11.35 min Scan# 1683

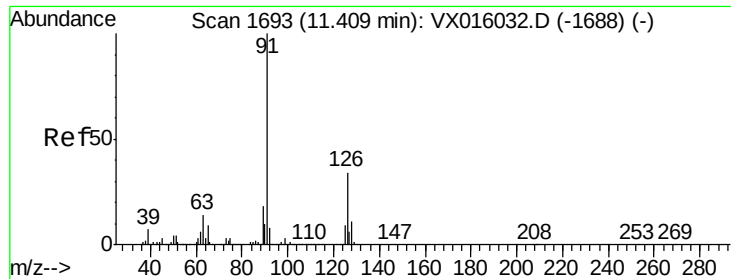
Delta R.T. 0.00 min

Lab File: VX016246.D

Acq: 14 May 2020 20:55

Tgt Ion:	91	Resp:	770007
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.5	34.5





#79

2-Chlorotoluene

Concen: 46.199 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016246.D

Acq: 14 May 2020 20:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 467324

Ion Ratio Lower Upper

91 100

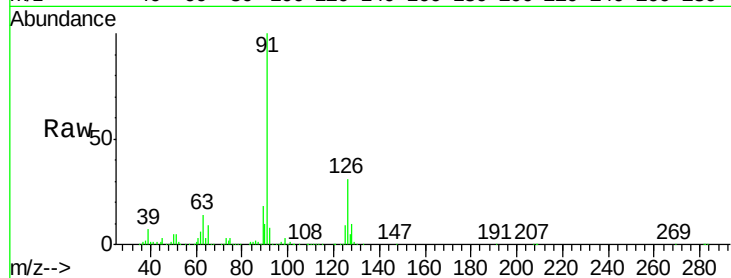
126 33.4 16.9 50.6

Manual Integrations

APPROVED

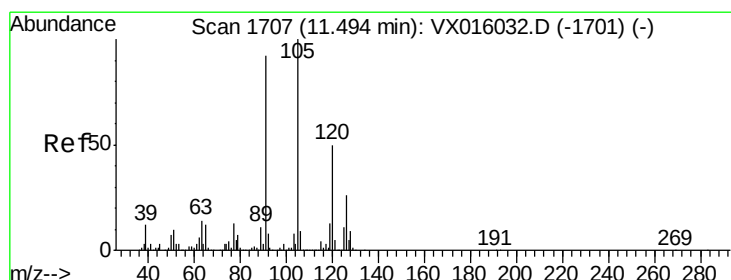
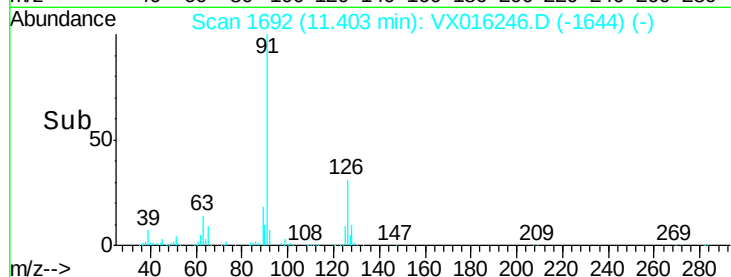
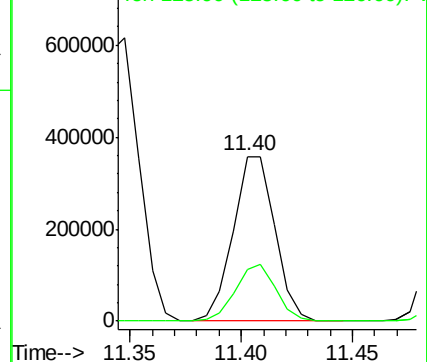
MMDadoda

5/15/2020 12:29:32 PM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 46.437 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016246.D

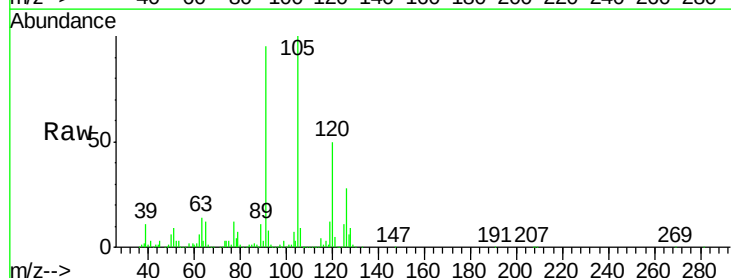
Acq: 14 May 2020 20:55

Tgt Ion:105 Resp: 577557

Ion Ratio Lower Upper

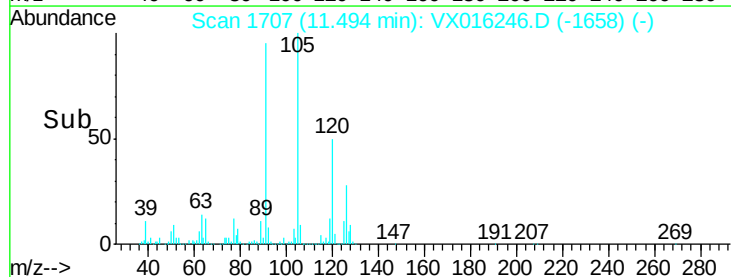
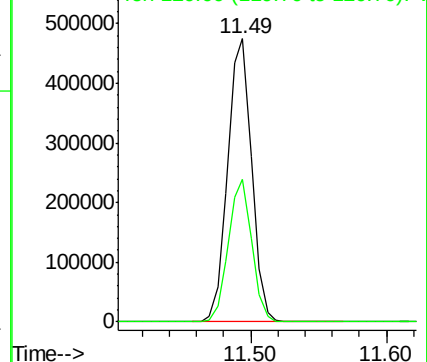
105 100

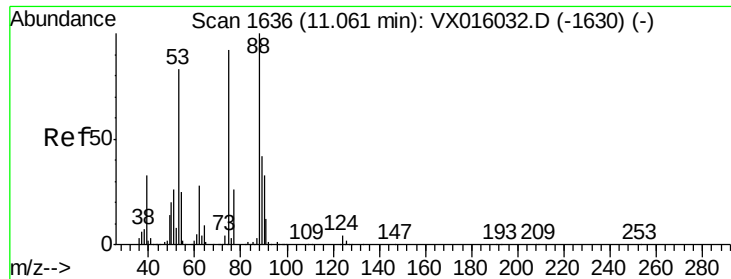
120 49.3 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





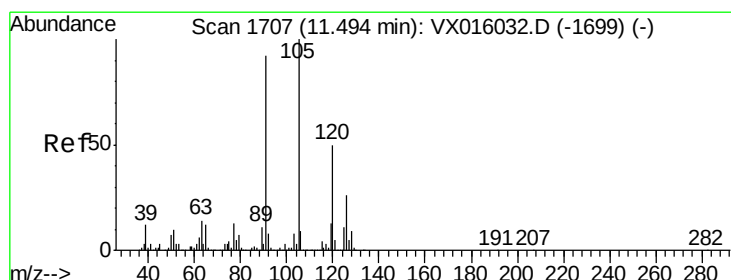
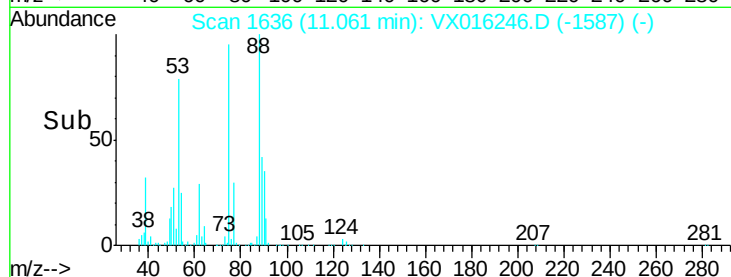
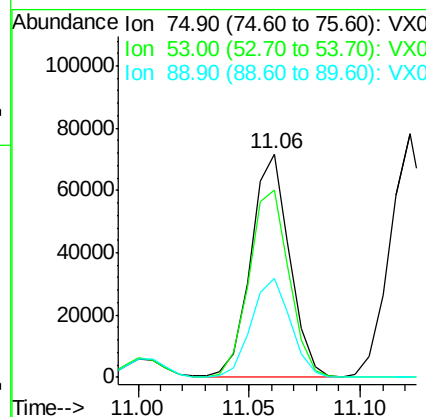
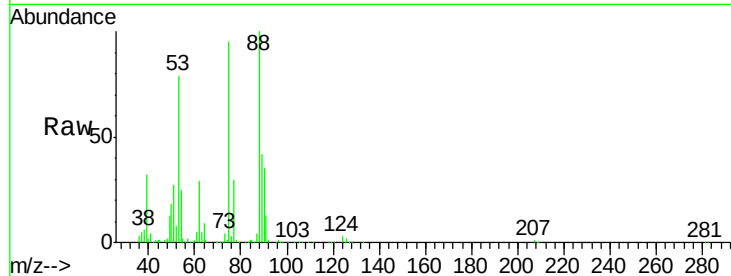
#81
trans-1,4-Dichloro-2-butene
Concen: 44.900 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VX016246.D
Acq: 14 May 2020 20:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	86.5	73.1	109.7
89	45.3	36.7	55.1

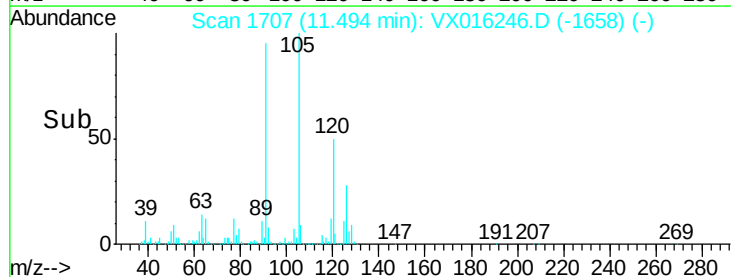
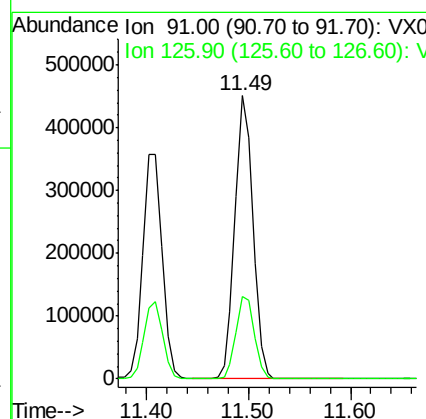
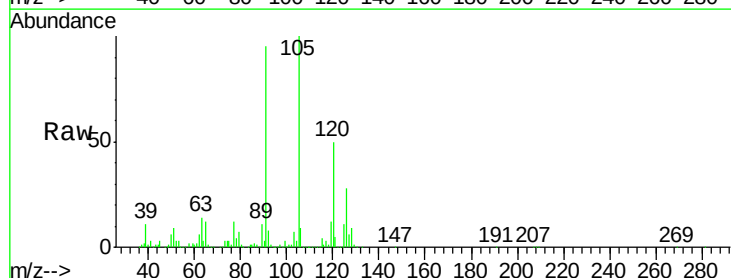
Manual Integrations
APPROVED

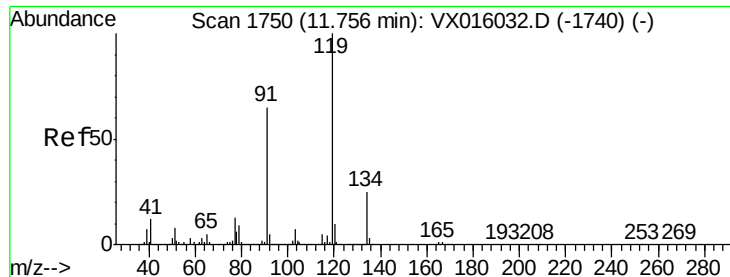
MMDadoda
5/15/2020 12:29:32 PM



#82
4-Chlorotoluene
Concen: 46.059 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016246.D
Acq: 14 May 2020 20:55

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.7	14.8	44.3





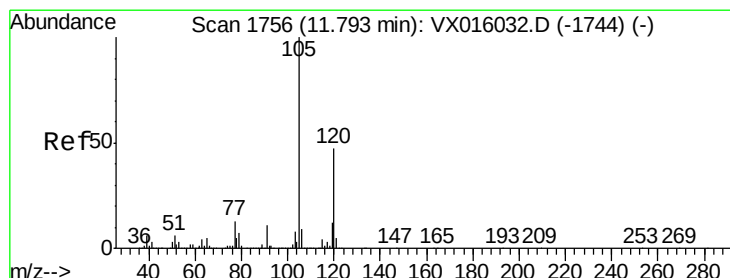
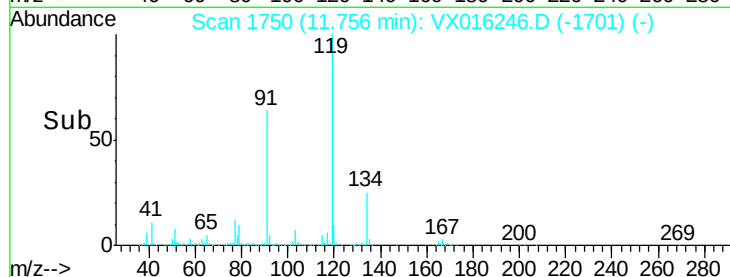
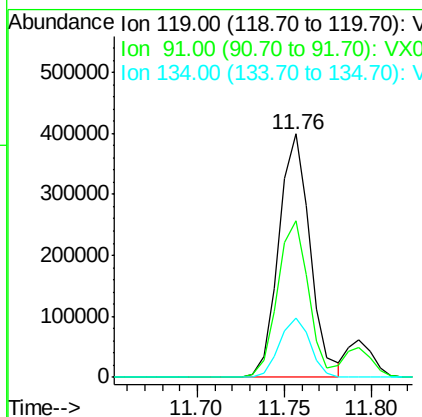
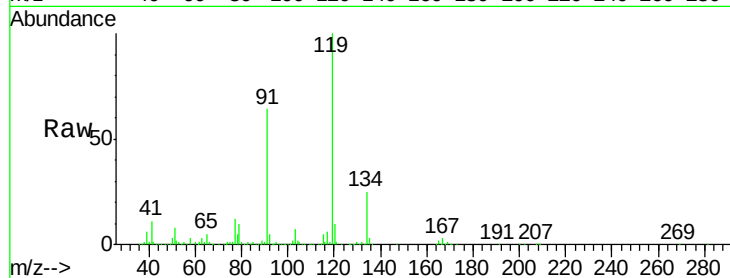
#83
 tert-Butylbenzene
 Concen: 46.414 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX016246.D
 Acq: 14 May 2020 20:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	497493		
91	63.2	32.8	98.4	
134	24.1	12.4	37.0	

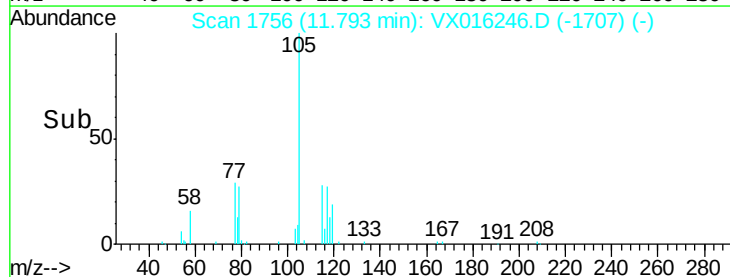
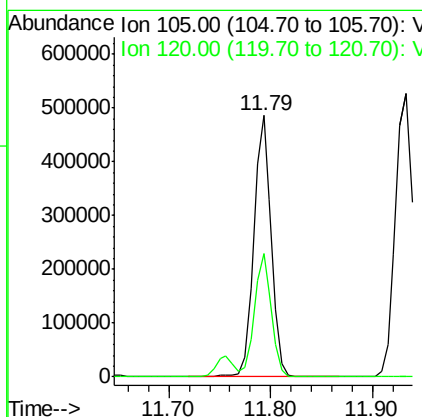
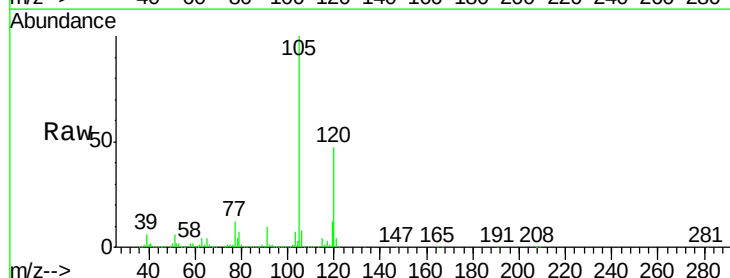
Manual Integrations
 APPROVED

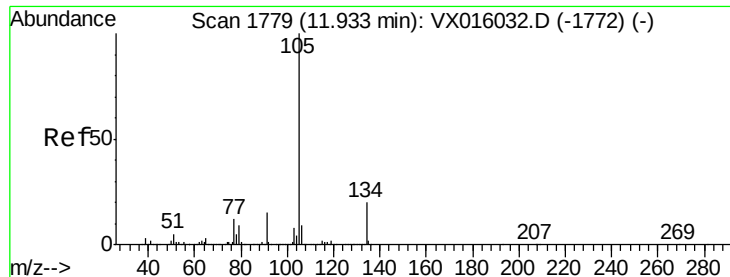
MMDadoda
 5/15/2020 12:29:32 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 46.093 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX016246.D
 Acq: 14 May 2020 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	579579		
120	46.1	23.0	69.0	





#85

sec-Butylbenzene

Concen: 44.400 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX016246.D

Acq: 14 May 2020 20:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 642557

Ion Ratio Lower Upper

105 100

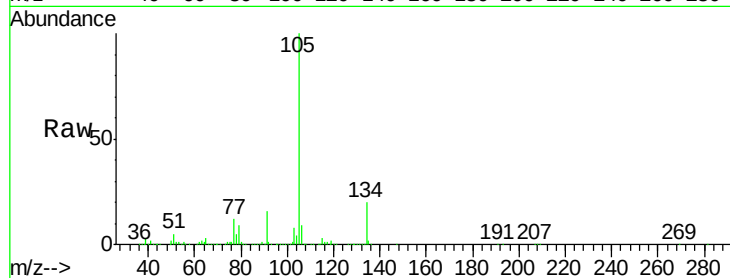
134 20.1 10.1 30.3

Manual Integrations

APPROVED

MMDadoda

5/15/2020 12:29:32 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

600000

500000

400000

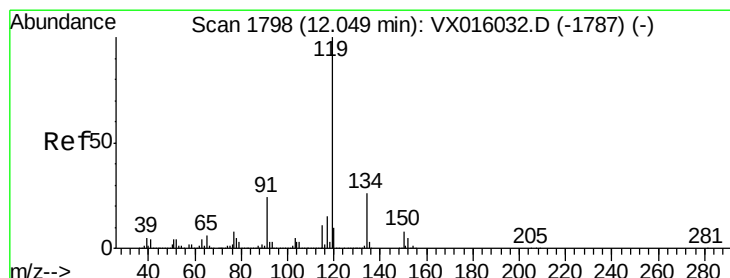
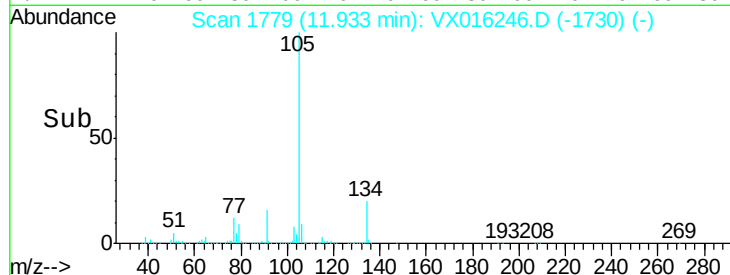
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 44.344 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016246.D

Acq: 14 May 2020 20:55

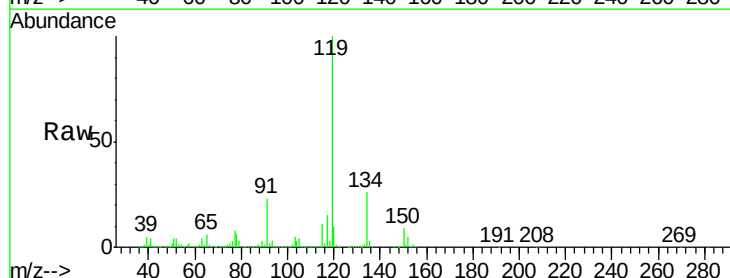
Tgt Ion:119 Resp: 595831

Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.3

91 23.3 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.05

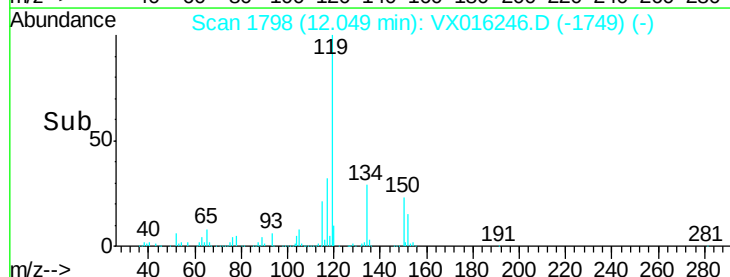
600000

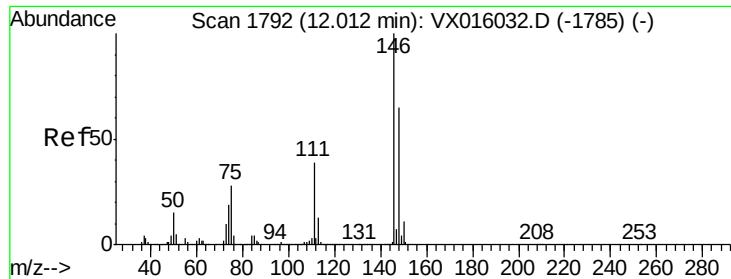
400000

200000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 46.356 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX016246.D

Acq: 14 May 2020 20:55

Instrument :

MSVOA_X

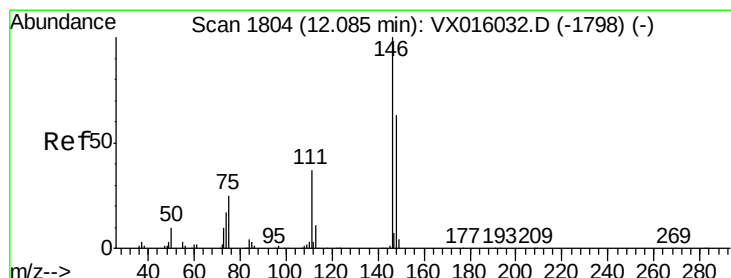
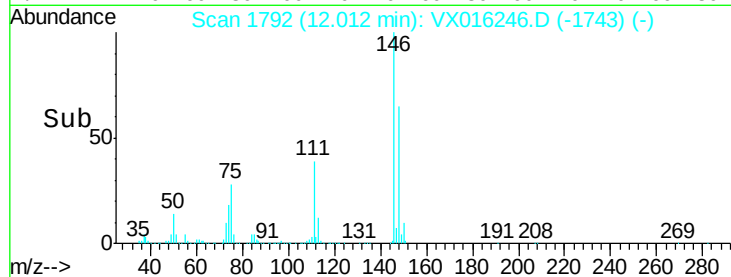
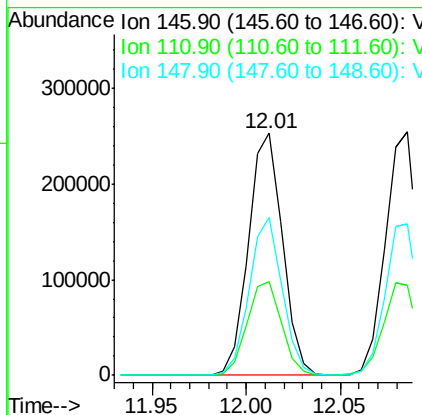
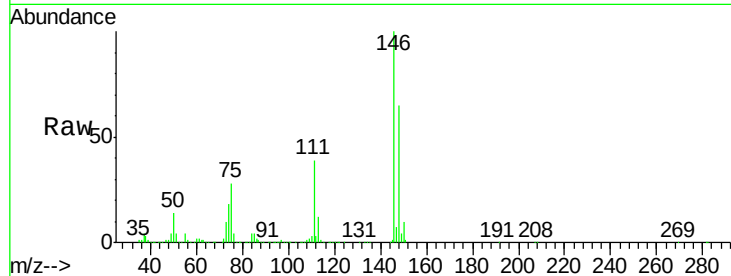
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	316476
Ion Ratio	Lower	Upper	
146	100		
111	39.3	20.2	60.6
148	63.0	32.1	96.3

Manual Integrations
APPROVED

MMDadoda
5/15/2020 12:29:32 PM



#88

1,4-Dichlorobenzene

Concen: 45.103 ug/l

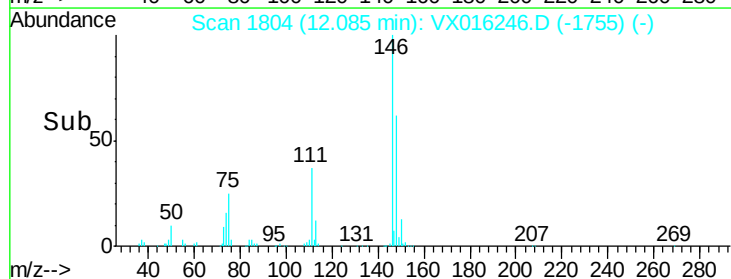
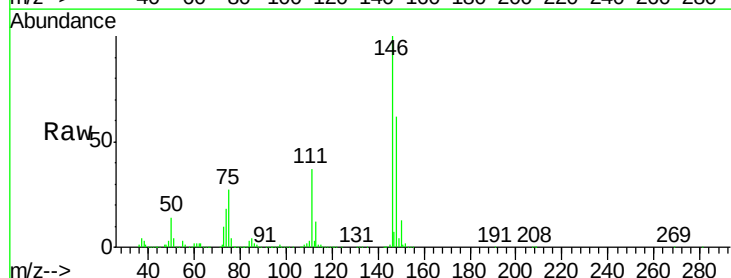
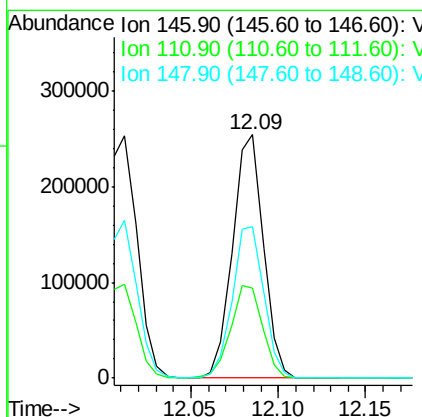
RT: 12.09 min Scan# 1804

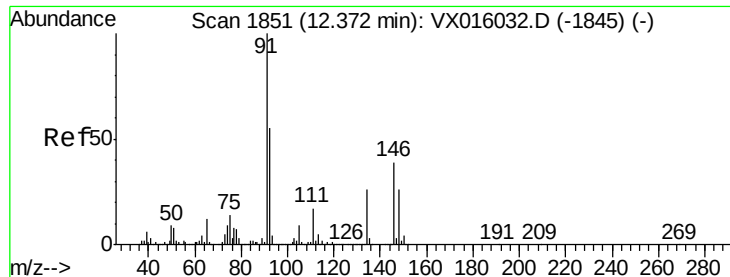
Delta R.T. 0.00 min

Lab File: VX016246.D

Acq: 14 May 2020 20:55

Tgt Ion:	146	Resp:	312525
Ion Ratio	Lower	Upper	
146	100		
111	39.4	19.6	58.7
148	63.9	31.8	95.3





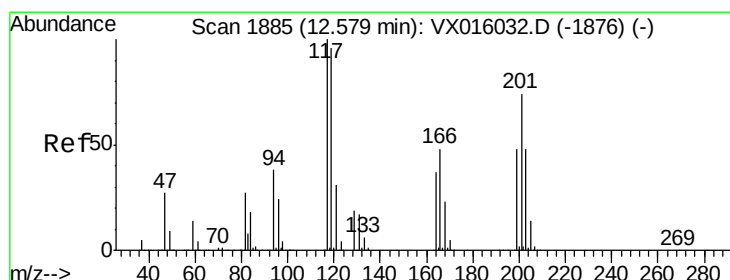
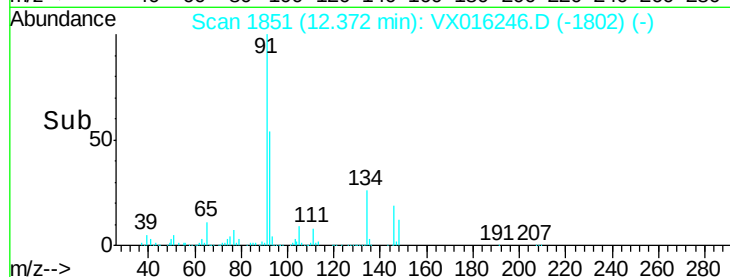
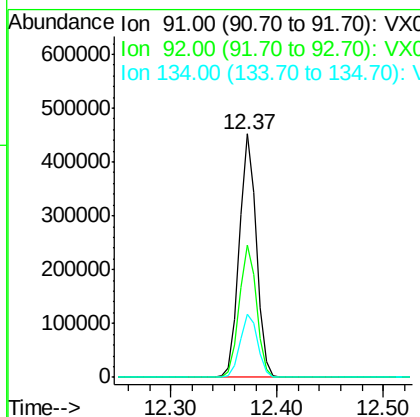
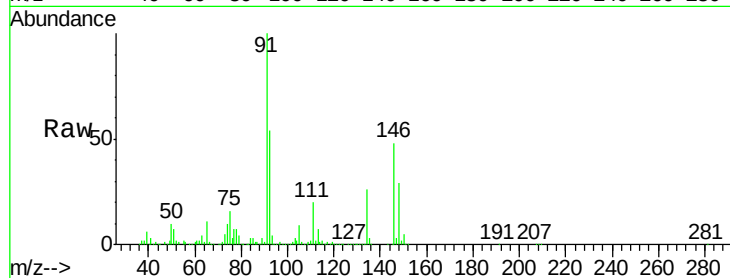
#89
n-Butylbenzene
Concen: 41.466 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016246.D
Acq: 14 May 2020 20:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.0	27.6	82.7
134	26.9	13.4	40.1

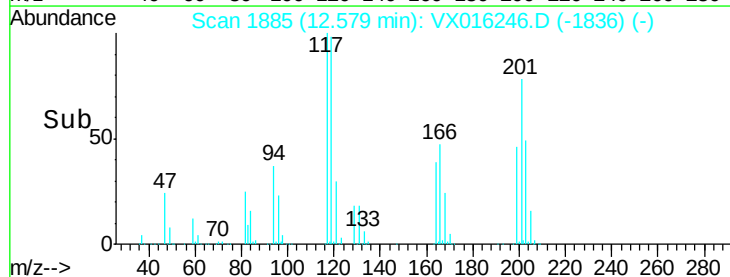
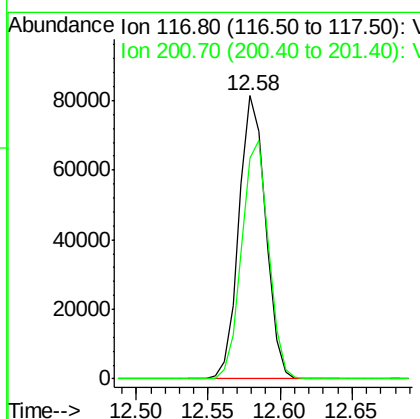
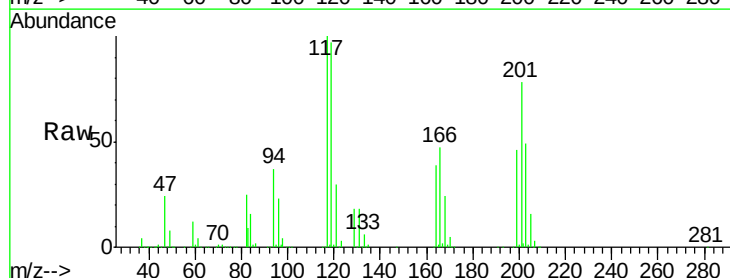
Manual Integrations
APPROVED

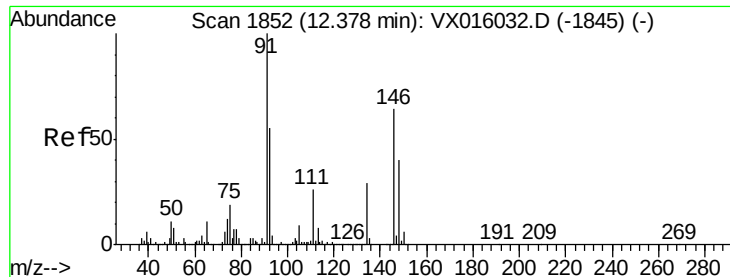
MMDadoda
5/15/2020 12:29:32 PM



#90
Hexachloroethane
Concen: 45.353 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016246.D
Acq: 14 May 2020 20:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.2	39.8	119.3





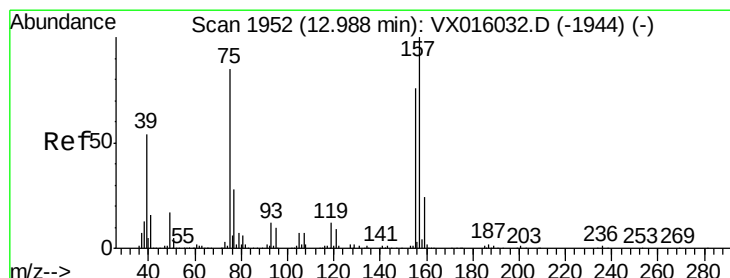
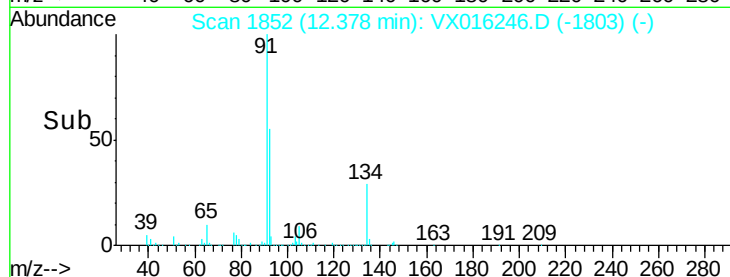
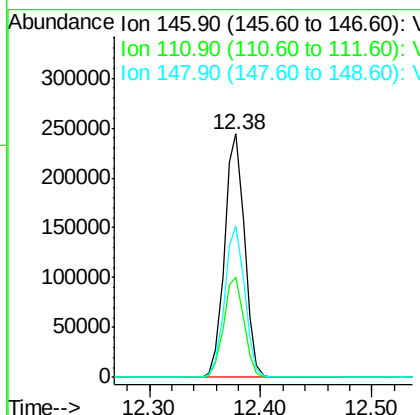
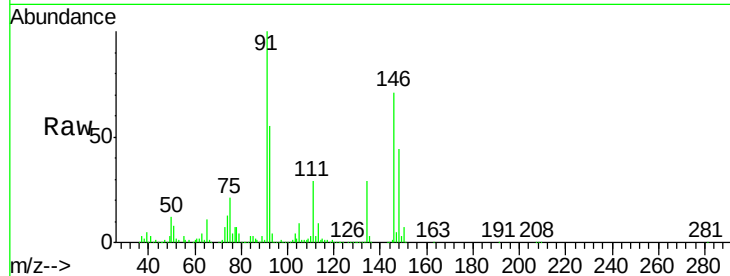
#91
 1,2-Dichlorobenzene
 Concen: 46.062 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016246.D
 Acq: 14 May 2020 20:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	302799		
111	41.6	21.1	63.1	
148	62.6	32.4	97.0	

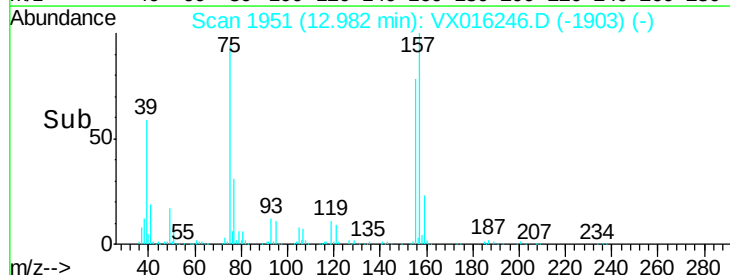
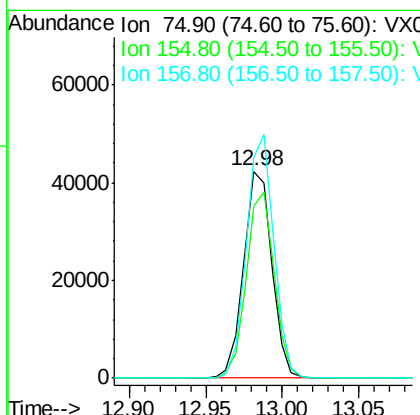
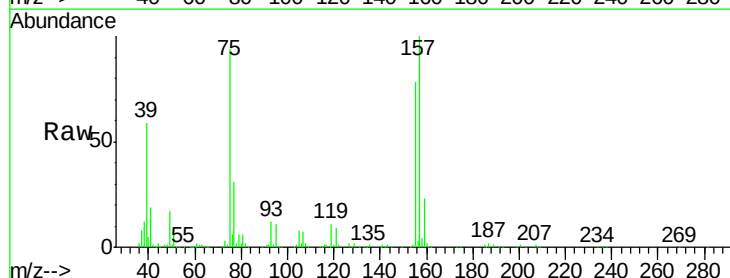
Manual Integrations
 APPROVED

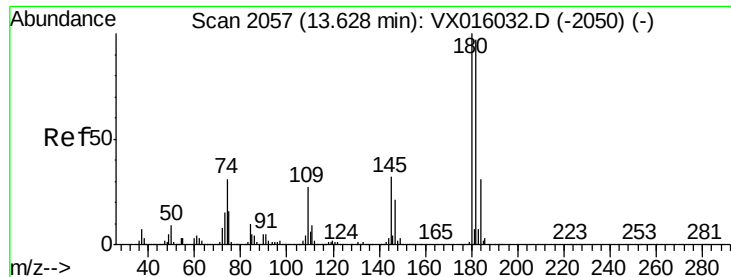
MMDadoda
 5/15/2020 12:29:32 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.654 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VX016246.D
 Acq: 14 May 2020 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	54087		
155	89.2	42.5	127.5	
157	114.6	55.3	165.8	





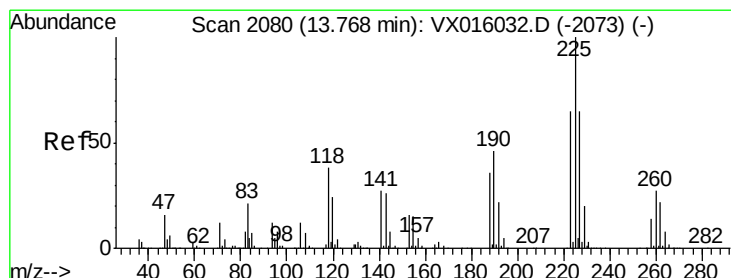
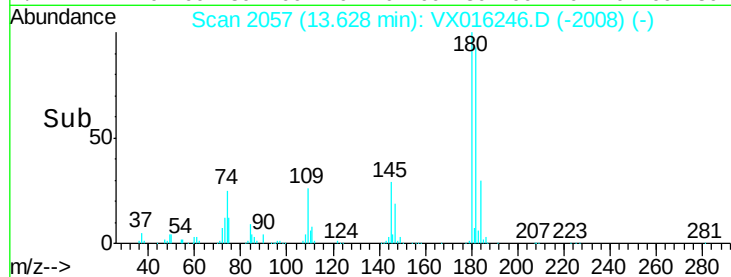
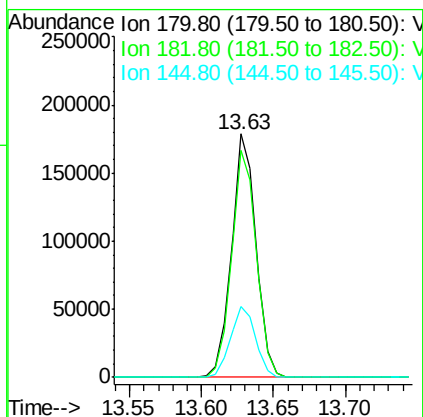
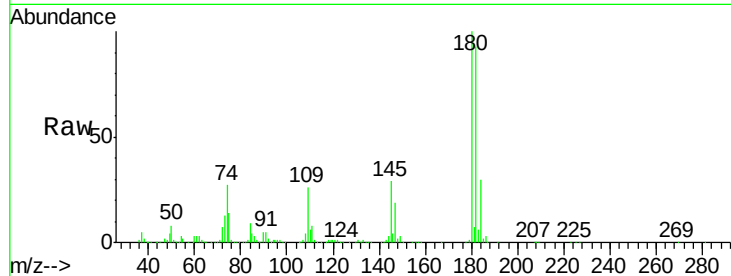
#93
1,2,4-Trichlorobenzene
Concen: 43.693 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX016246.D
Acq: 14 May 2020 20:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	212651		
182	94.6	48.7	146.1	
145	30.1	15.7	47.1	

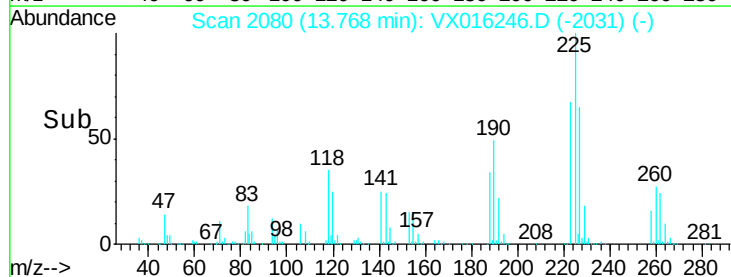
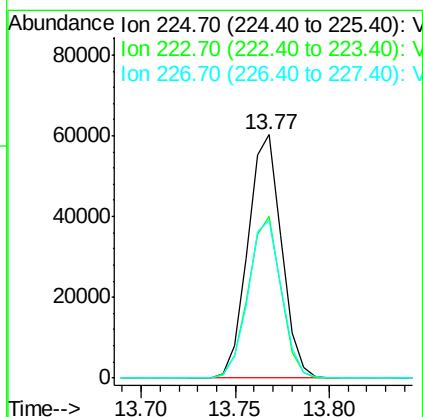
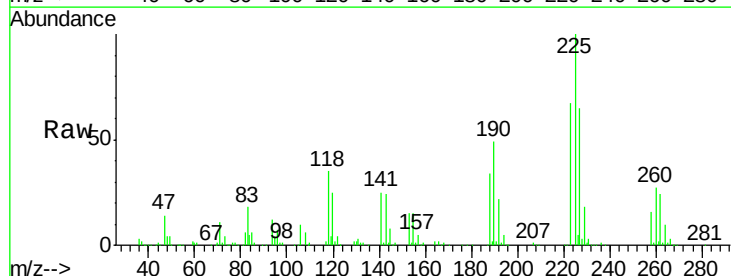
Manual Integrations
APPROVED

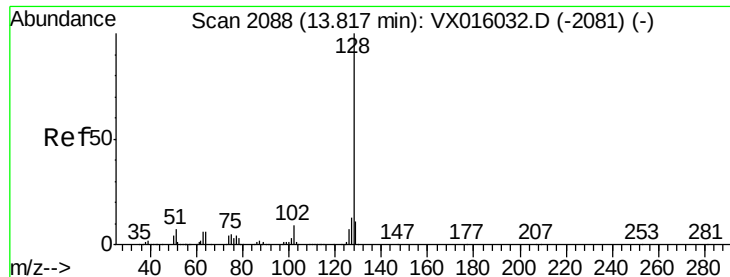
MMDadoda
5/15/2020 12:29:32 PM



#94
Hexachlorobutadiene
Concen: 35.770 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX016246.D
Acq: 14 May 2020 20:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	74647		
223	64.6	32.3	96.9	
227	64.5	31.8	95.4	





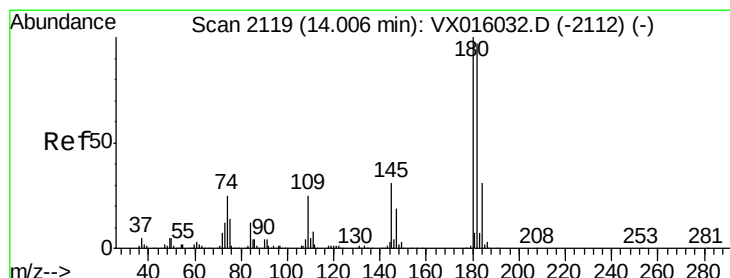
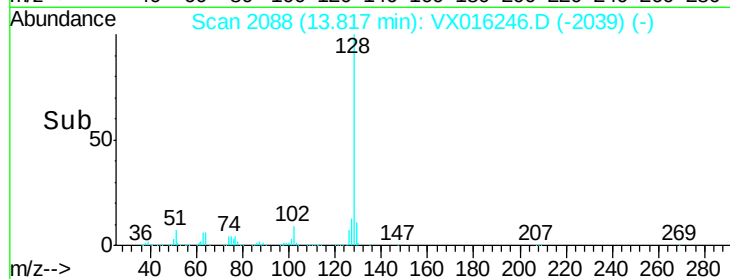
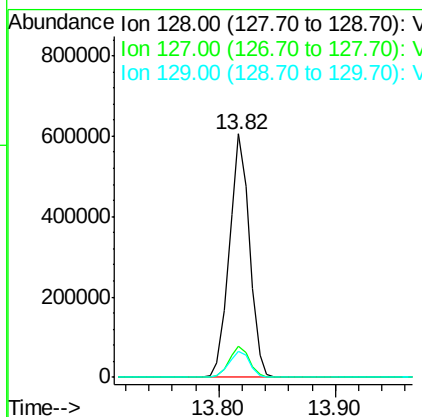
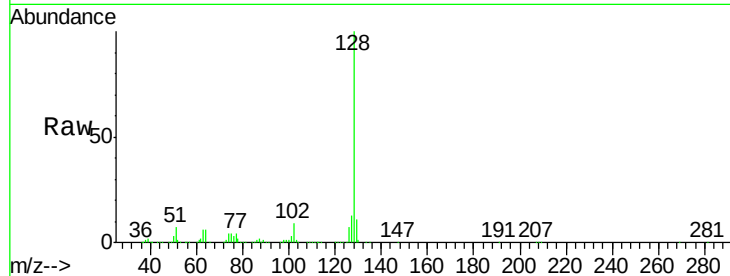
#95
Naphthalene
Concen: 46.046 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016246.D
Acq: 14 May 2020 20:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/15/2020 12:29:32 PM



#96
1,2,3-Trichlorobenzene
Concen: 44.275 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX016246.D
Acq: 14 May 2020 20:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.4	145.0
145	32.1	16.4	49.1

