

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091420\
 Data File : VX018375.D
 Acq On : 14 Sep 2020 10:34
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/15/2020 2:29:00 PM

Quant Time: Sep 15 05:15:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	399592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	600750	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	576053	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	326460	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	278512	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
35) Dibromofluoromethane	5.46	113	215541	52.68	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	105.36%	
50) Toluene-d8	8.70	98	762566	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
62) 4-Bromofluorobenzene	11.12	95	308613	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	229359	47.144	ug/l	98
3) Chloromethane	1.31	50	213088	41.544	ug/l	96
4) Vinyl Chloride	1.39	62	224641	43.996	ug/l	97
5) Bromomethane	1.62	94	139617	56.691	ug/l	99
6) Chloroethane	1.71	64	134337	48.986	ug/l	98
7) Trichlorofluoromethane	1.92	101	391347	56.210	ug/l	98
8) Diethyl Ether	2.17	74	121587	51.496	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	201652	53.574	ug/l	97
10) Methyl Iodide	2.49	142	213573	52.713	ug/l	97
11) Tert butyl alcohol	3.01	59	243694	225.934	ug/l	100
12) 1,1-Dichloroethene	2.36	96	184547	47.259	ug/l	97
13) Acrolein	2.27	56	143175	320.132	ug/l	98
14) Allyl chloride	2.70	41	336794	48.005	ug/l	96
15) Acrylonitrile	3.11	53	552844	225.955	ug/l	98
16) Acetone	2.42	43	522798	241.858	ug/l	97
17) Carbon Disulfide	2.55	76	487533	41.299	ug/l	100
18) Methyl Acetate	2.75	43	284048	54.455	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	692536	51.712	ug/l	97
20) Methylene Chloride	2.83	84	217810	49.263	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	204694	47.313	ug/l	98
22) Diisopropyl ether	3.82	45	685495	49.505	ug/l	100
23) Vinyl Acetate	3.78	43	2984668	242.236	ug/l	99
24) 1,1-Dichloroethane	3.67	63	389723	49.442	ug/l	98
25) 2-Butanone	4.63	43	791204	222.718	ug/l	96
26) 2,2-Dichloropropane	4.54	77	369992	57.690	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	231911	46.524	ug/l	98
28) Bromochloromethane	4.98	49	179764	47.247	ug/l	98
29) Tetrahydrofuran	5.09	42	490945	217.093	ug/l	97
30) Chloroform	5.17	83	422334	51.745	ug/l	96
31) Cyclohexane	5.54	56	305391	45.994	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	392590	52.415	ug/l	99
36) 1,1-Dichloropropene	5.76	75	288703	52.103	ug/l	98
37) Ethyl Acetate	4.79	43	305724	47.505	ug/l	98
38) Carbon Tetrachloride	5.75	117	369223	59.128	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091420\
 Data File : VX018375.D
 Acq On : 14 Sep 2020 10:34
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/15/2020 2:29:00 PM

Quant Time: Sep 15 05:15:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	311050	51.338	ug/l	99
40) Benzene	6.11	78	828333	50.875	ug/l	96
41) Methacrylonitrile	5.00	41	171160	48.438	ug/l	99
42) 1,2-Dichloroethane	6.16	62	353840	56.722	ug/l	96
43) Isopropyl Acetate	6.41	43	502822	48.374	ug/l	99
44) Trichloroethene	7.19	130	243246	52.874	ug/l	94
45) 1,2-Dichloropropane	7.49	63	226261	51.561	ug/l	94
46) Dibromomethane	7.63	93	161444	52.318	ug/l	99
47) Bromodichloromethane	7.87	83	345892	56.138	ug/l	98
48) Methyl methacrylate	7.74	41	257235	49.712	ug/l	98
49) 1,4-Dioxane	7.71	88	99742	1064.123	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1585657	246.955	ug/l	99
52) Toluene	8.76	92	540448	52.348	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	372489	54.547	ug/l	97
54) cis-1,3-Dichloropropene	8.41	75	388670	53.729	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	230387	52.323	ug/l	100
56) Ethyl methacrylate	9.16	69	334489	51.100	ug/l	98
57) 1,3-Dichloropropane	9.35	76	374396	51.553	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	825775	280.438	ug/l	97
59) 2-Hexanone	9.47	43	1209630	247.758	ug/l	100
60) Dibromochloromethane	9.56	129	295502	57.209	ug/l	96
61) 1,2-Dibromoethane	9.65	107	247722	51.821	ug/l	99
64) Tetrachloroethene	9.32	164	231890	54.779	ug/l	96
65) Chlorobenzene	10.12	112	599050	52.069	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	250600	55.265	ug/l	99
67) Ethyl Benzene	10.24	91	1059748	54.164	ug/l	98
68) m/p-Xylenes	10.34	106	819889	112.272	ug/l	97
69) o-Xylene	10.68	106	386034	54.531	ug/l	97
70) Styrene	10.69	104	682170	56.584	ug/l	98
71) Bromoform	10.84	173	219158	56.663	ug/l #	99
73) Isopropylbenzene	11.00	105	1084220	50.350	ug/l	100
74) N-amyl acetate	10.88	43	456949	44.724	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	339311	44.668	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	331018m	45.581	ug/l	
77) Bromobenzene	11.24	156	290743	48.845	ug/l	96
78) n-propylbenzene	11.34	91	1252160	51.212	ug/l	99
79) 2-Chlorotoluene	11.40	91	763839	50.565	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	945116	53.410	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	127313	47.348	ug/l	97
82) 4-Chlorotoluene	11.49	91	912796	50.829	ug/l	100
83) tert-Butylbenzene	11.76	119	925804	53.015	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	963806	53.274	ug/l	99
85) sec-Butylbenzene	11.93	105	1079609	54.364	ug/l	99
86) p-Isopropyltoluene	12.05	119	1030123	56.471	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	525971	50.329	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	534792	51.109	ug/l	98
89) n-Butylbenzene	12.37	91	893784	53.682	ug/l	99
90) Hexachloroethane	12.58	117	202616	56.455	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	502841	51.115	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	87944	46.302	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091420\
Data File : VX018375.D
Acq On : 14 Sep 2020 10:34
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

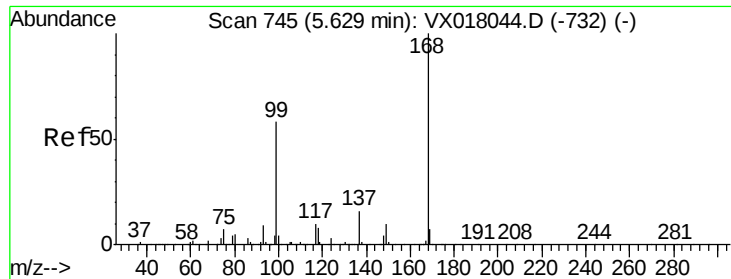
Manual Integrations
APPROVED

MMDadoda
9/15/2020 2:29:00 PM

Quant Time: Sep 15 05:15:35 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	351213	53.540	ug/l	98
94) Hexachlorobutadiene	13.77	225	143264	55.369	ug/l	95
95) Naphthalene	13.82	128	1060461	49.121	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	334270	51.571	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX018375.D

Acq: 14 Sep 2020 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 399592

Ion Ratio Lower Upper

168 100

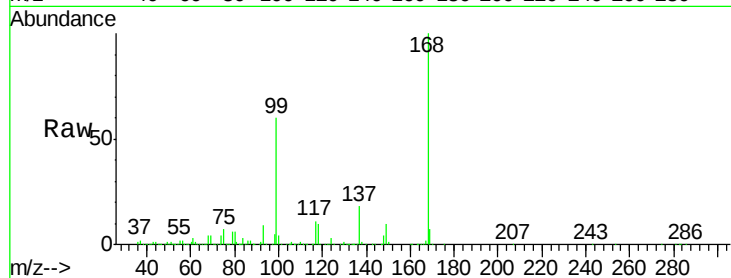
99 59.4 46.3 69.5

Manual Integrations

APPROVED

MMDadoda

9/15/2020 2:29:00 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

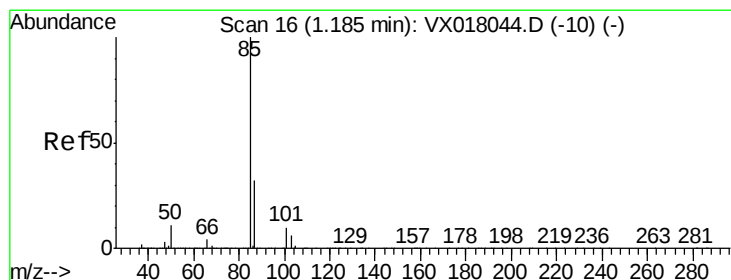
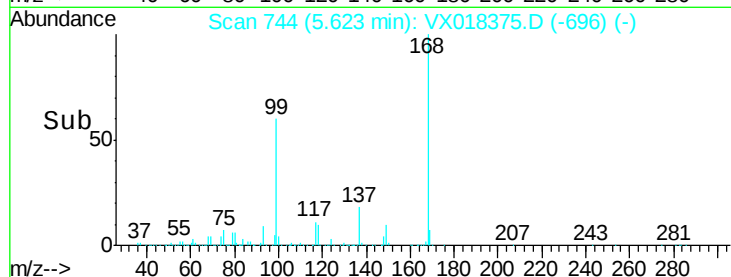
150000

100000

50000

0

Time--> 5.40 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 47.144 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018375.D

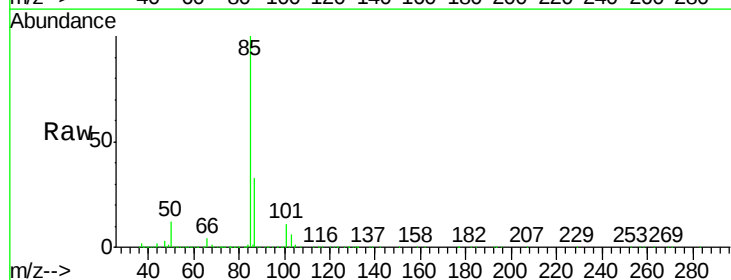
Acq: 14 Sep 2020 10:34

Tgt Ion: 85 Resp: 229359

Ion Ratio Lower Upper

85 100

87 33.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

300000

250000

200000

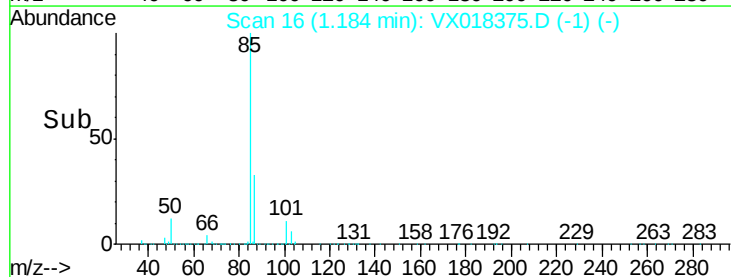
150000

100000

50000

0

Time--> 1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 41.544 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018375.D

Acq: 14 Sep 2020 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 213088

Ion Ratio Lower Upper

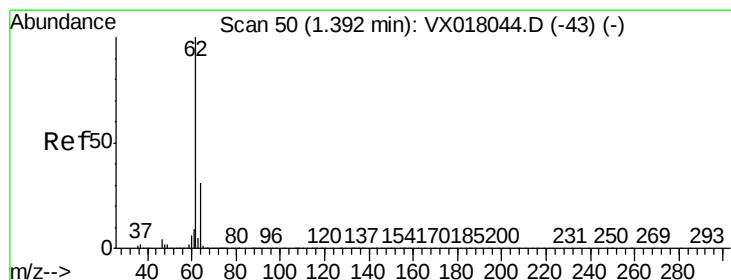
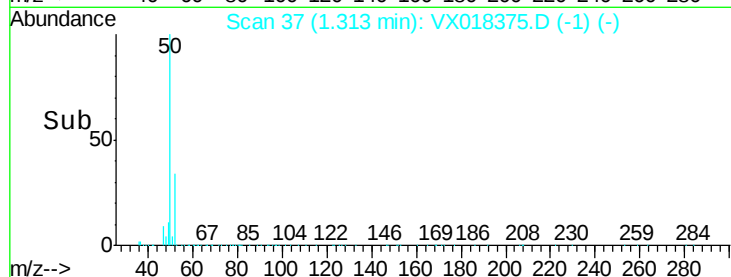
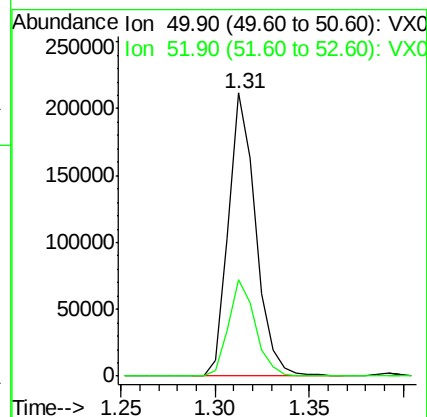
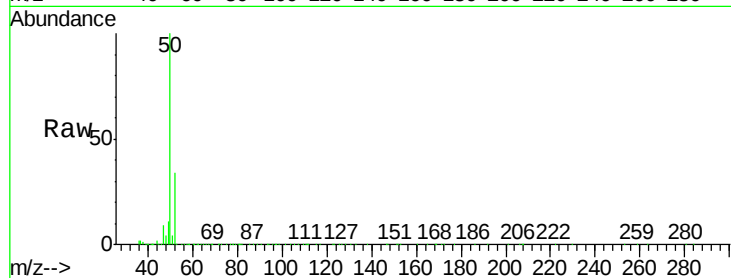
50 100

52 33.8 25.4 38.2

Manual Integrations
APPROVED

MMDadoda

9/15/2020 2:29:00 PM



#4

Vinyl Chloride

Concen: 43.996 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018375.D

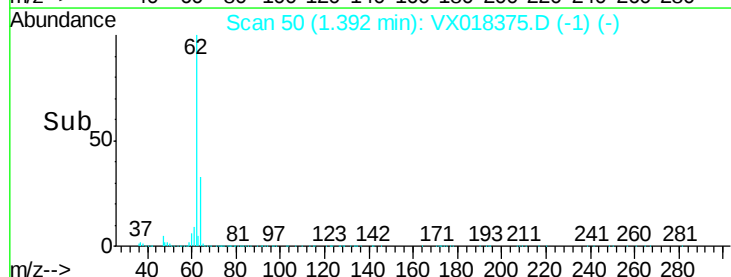
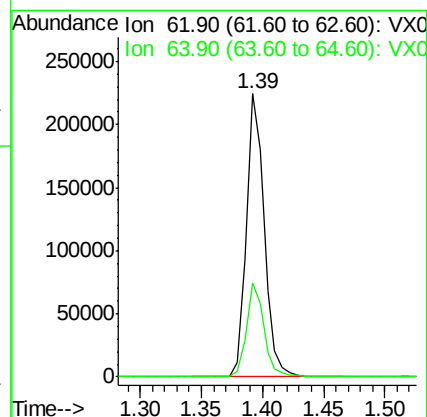
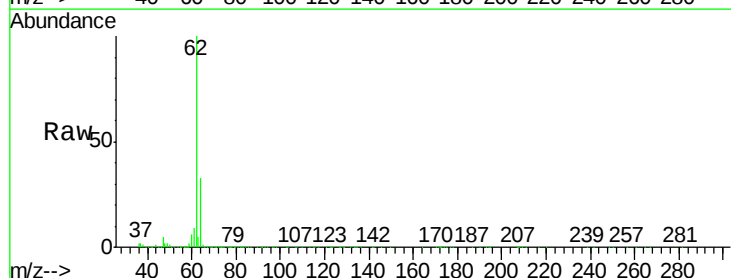
Acq: 14 Sep 2020 10:34

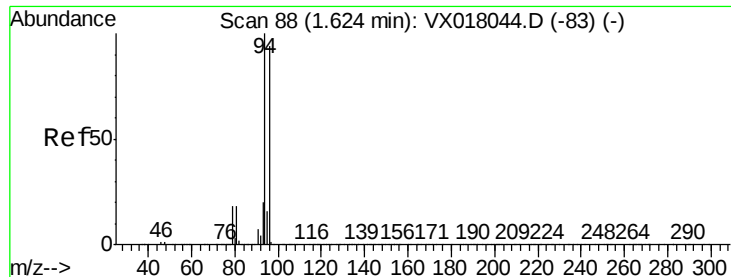
Tgt Ion: 62 Resp: 224641

Ion Ratio Lower Upper

62 100

64 33.0 25.1 37.7





#5

Bromomethane

Concen: 56.691 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018375.D

Acq: 14 Sep 2020 10:34

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 94 Resp: 139617

Ion Ratio Lower Upper

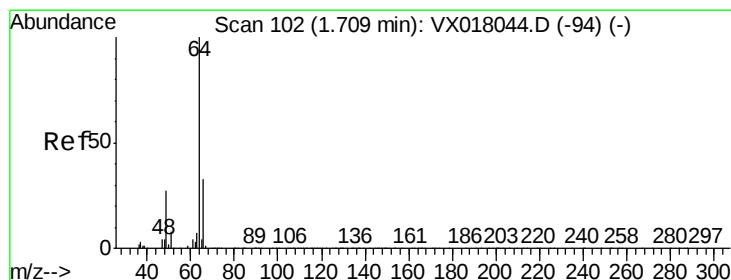
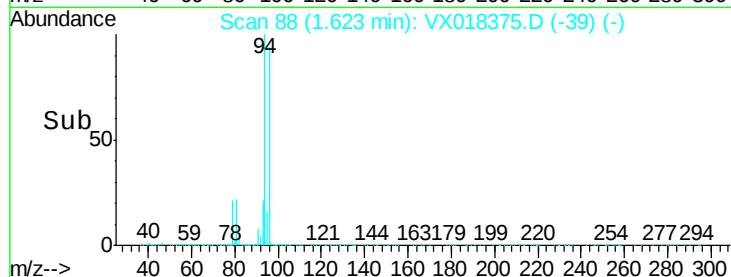
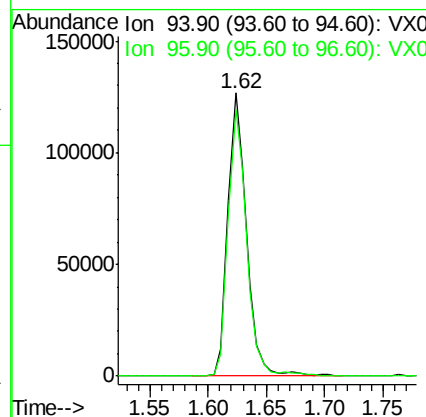
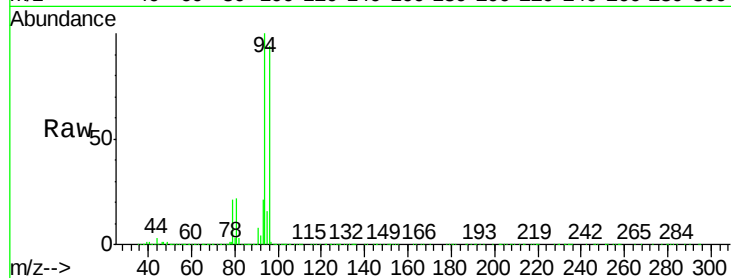
94 100

96 94.1 74.8 112.2

Manual Integrations
APPROVED

MMDadoda

9/15/2020 2:29:00 PM



#6

Chloroethane

Concen: 48.986 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX018375.D

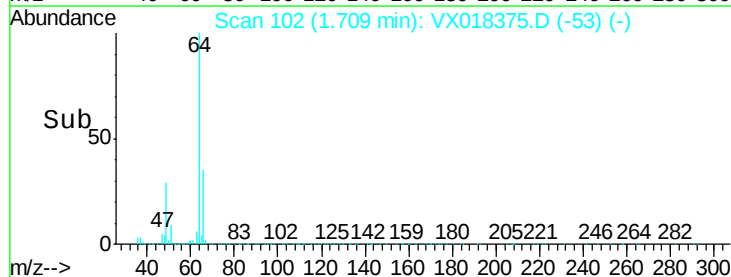
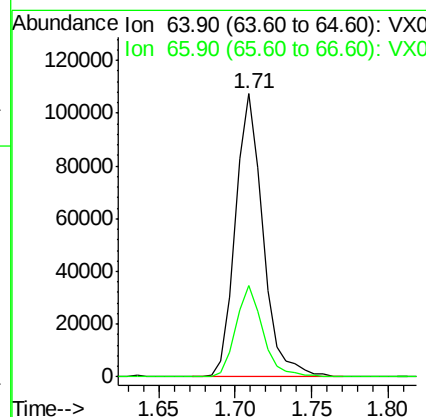
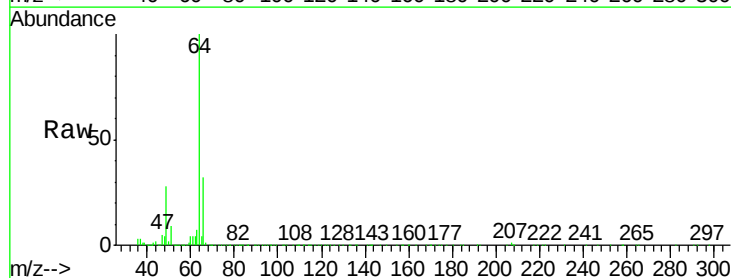
Acq: 14 Sep 2020 10:34

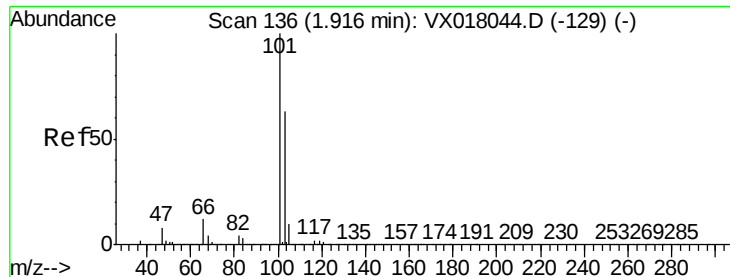
Tgt Ion: 64 Resp: 134337

Ion Ratio Lower Upper

64 100

66 32.2 26.6 39.8





#7

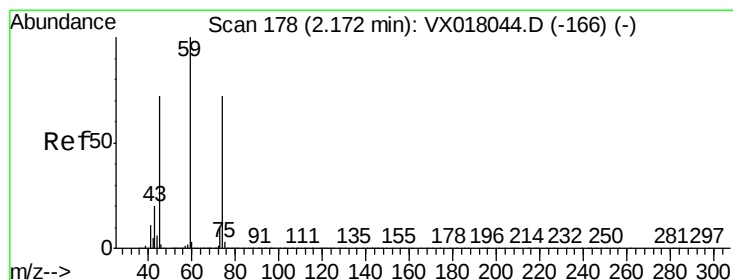
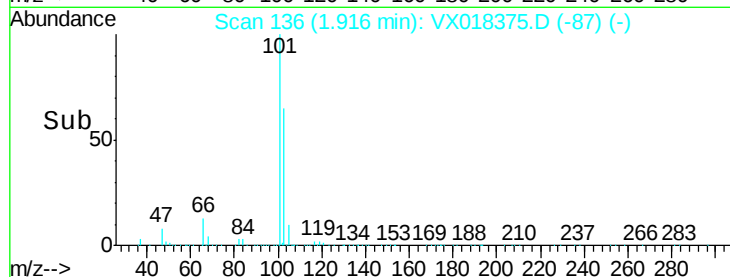
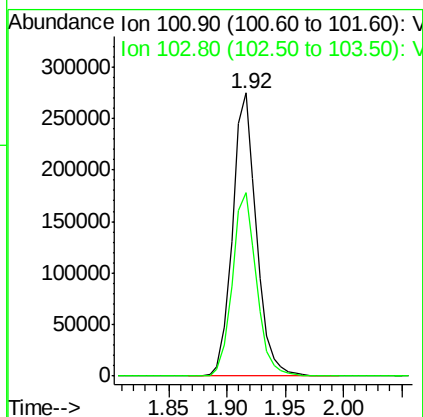
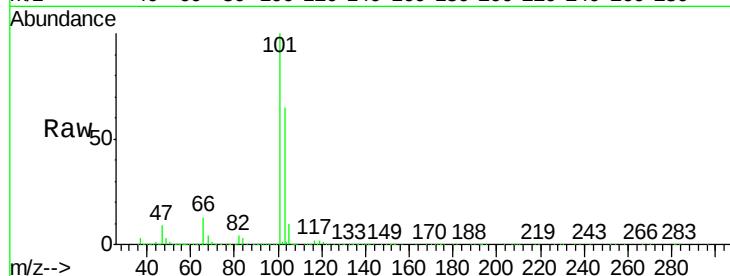
Trichlorofluoromethane
Concen: 56.210 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018375.D
Acq: 14 Sep 2020 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	50.7	76.1

Manual Integrations
APPROVED

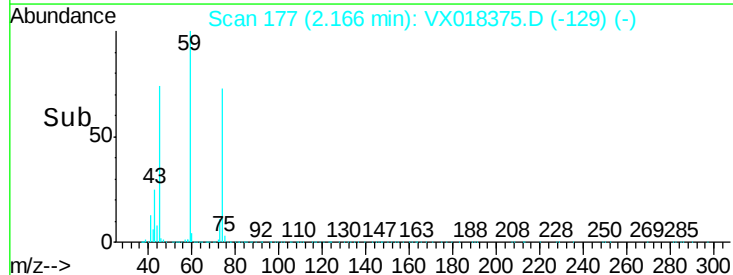
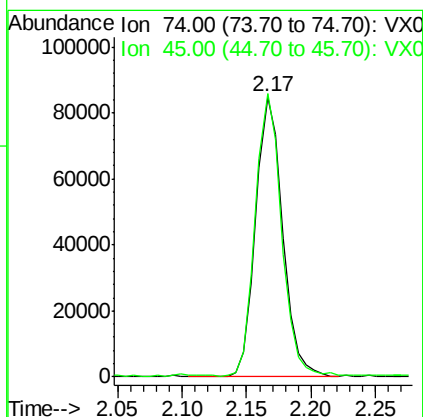
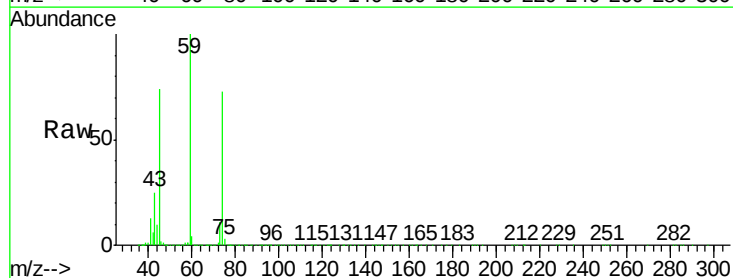
MMDadoda
9/15/2020 2:29:00 PM

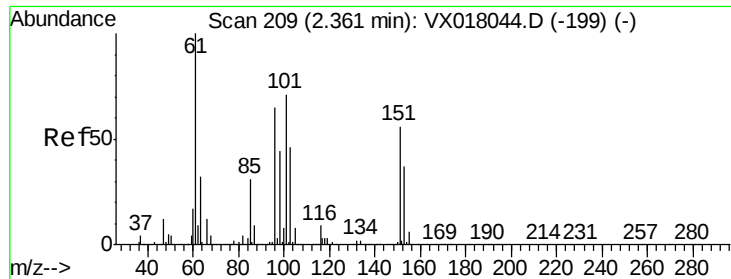


#8

Diethyl Ether
Concen: 51.496 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018375.D
Acq: 14 Sep 2020 10:34

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.6	50.7	152.3





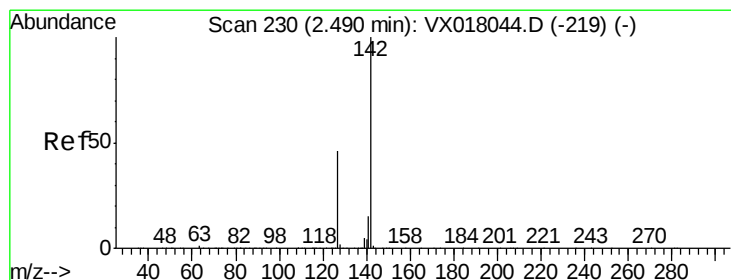
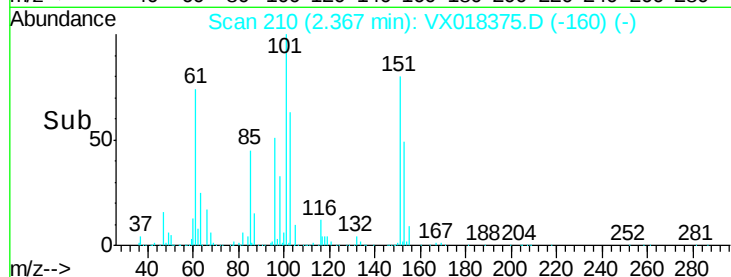
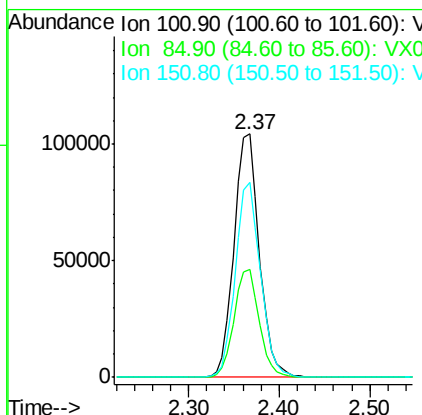
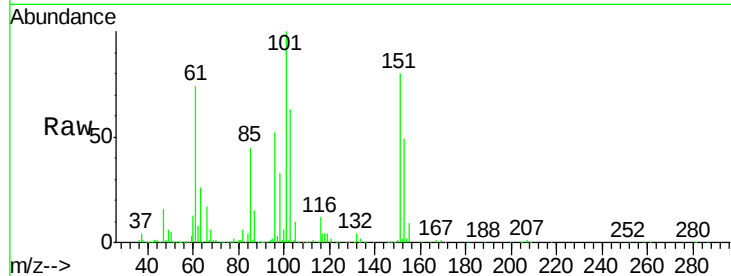
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.574 ug/l
RT: 2.37 min Scan# 210
Delta R.T. 0.01 min
Lab File: VX018375.D
Acq: 14 Sep 2020 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp Lower	Upper
101	100		
85	44.2	34.0	51.0
151	79.4	65.2	97.8

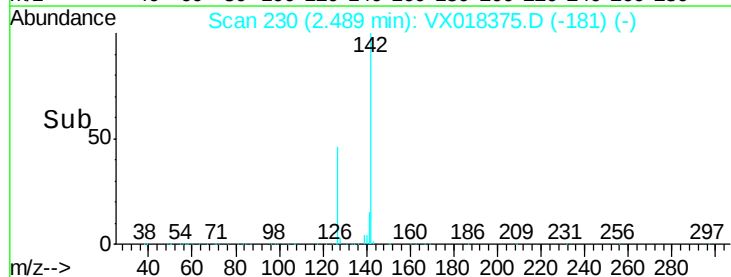
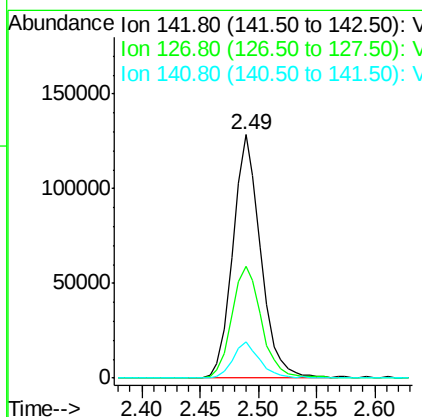
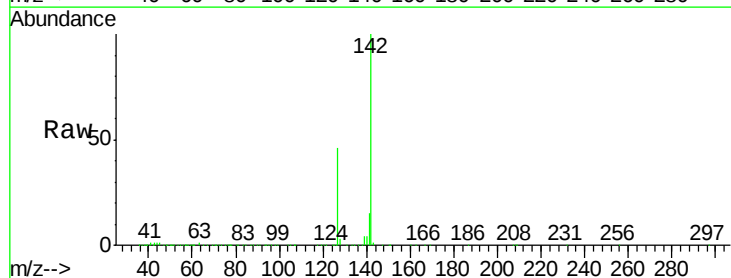
Manual Integrations
APPROVED

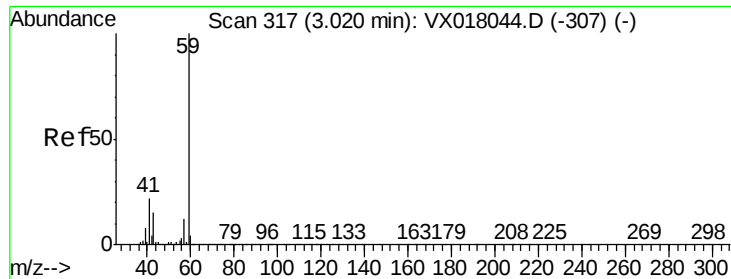
MMDadoda
9/15/2020 2:29:00 PM



#10
Methyl Iodide
Concen: 52.713 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX018375.D
Acq: 14 Sep 2020 10:34

Tgt Ion	Ratio	Resp Lower	Upper
142	100		
127	49.0	37.0	55.6
141	14.8	11.5	17.3





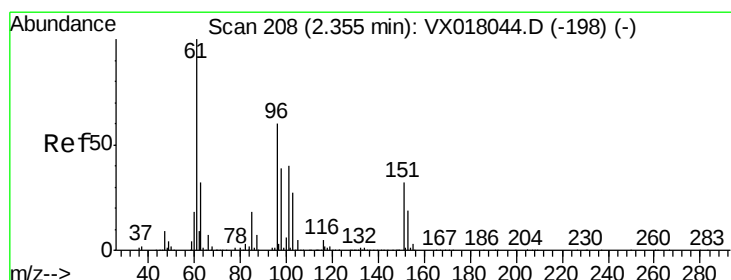
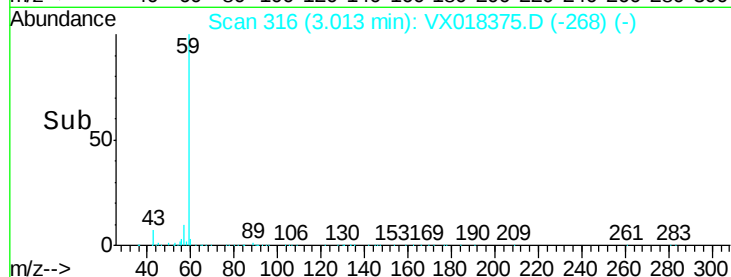
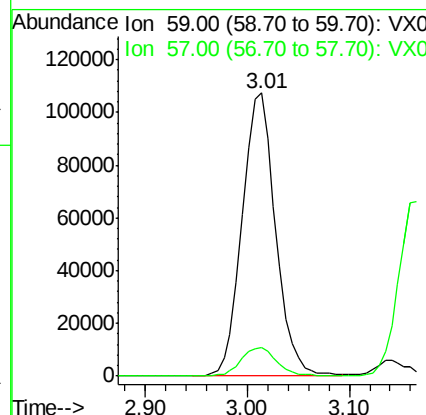
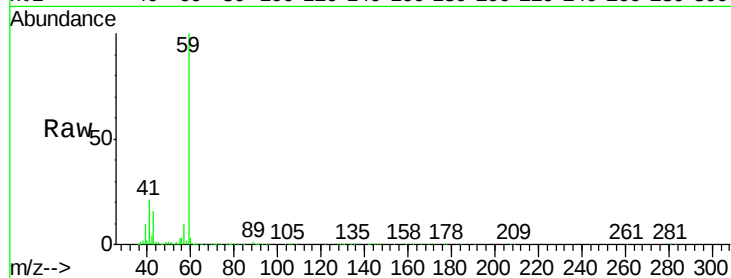
#11
Tert butyl alcohol
Concen: 225.934 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX018375.D
Acq: 14 Sep 2020 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.9	13.3

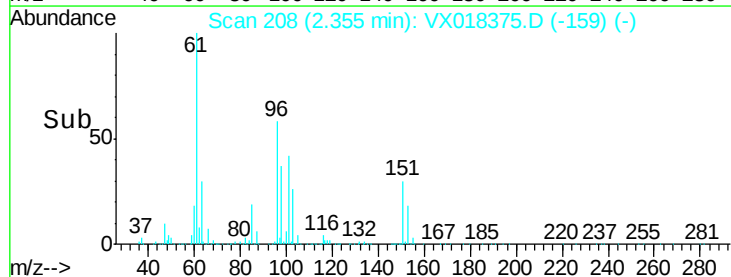
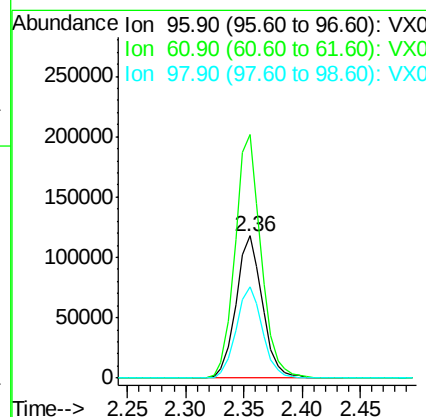
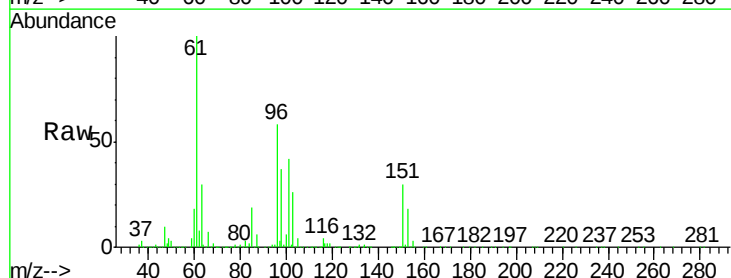
Manual Integrations
APPROVED

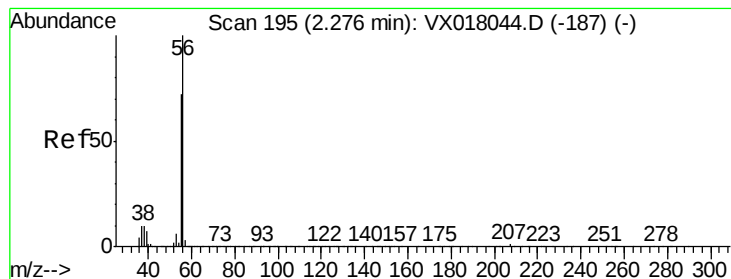
MMDadoda
9/15/2020 2:29:00 PM



#12
1,1-Dichloroethene
Concen: 47.259 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018375.D
Acq: 14 Sep 2020 10:34

Tgt Ion	Ratio	Lower	Upper
96	100		
61	171.5	133.0	199.4
98	64.0	51.6	77.4





#13

Acrolein

Concen: 320.132 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018375.D

Acq: 14 Sep 2020 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 143175

Ion Ratio Lower Upper

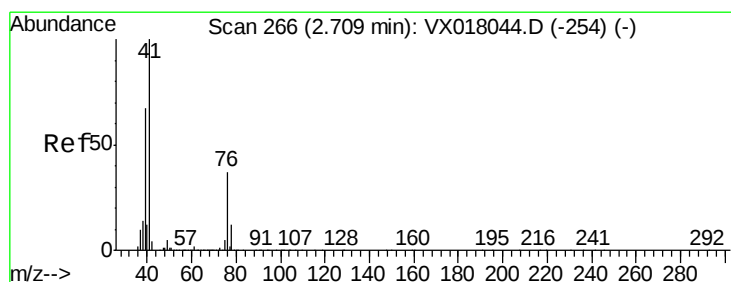
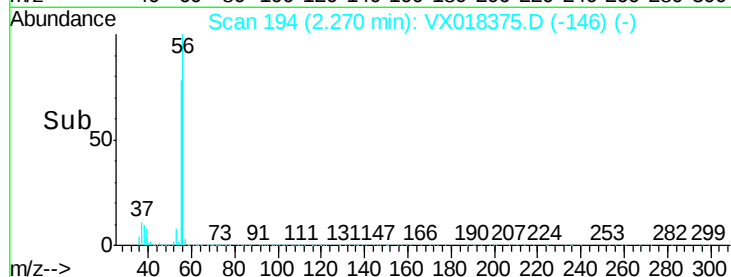
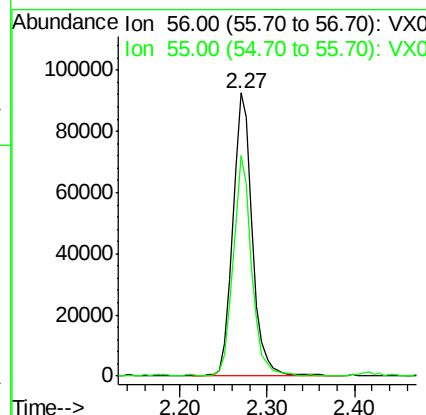
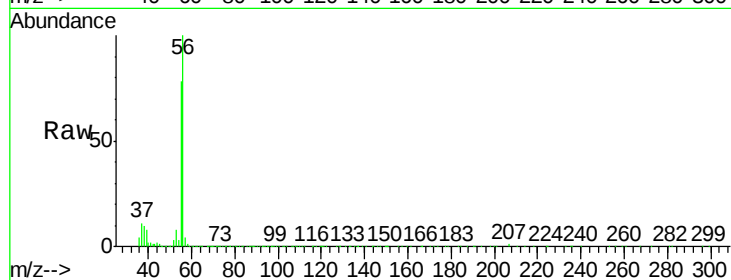
56 100

55 72.7 57.0 85.6

Manual Integrations
APPROVED

MMDadoda

9/15/2020 2:29:00 PM



#14

Allyl chloride

Concen: 48.005 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX018375.D

Acq: 14 Sep 2020 10:34

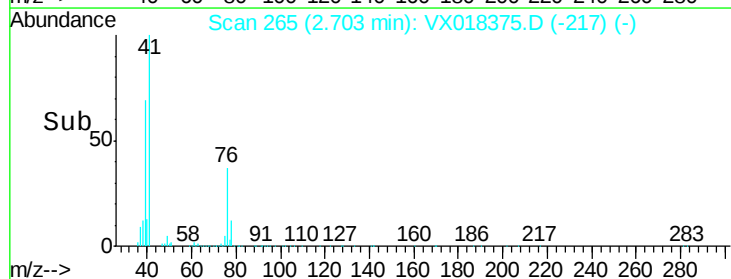
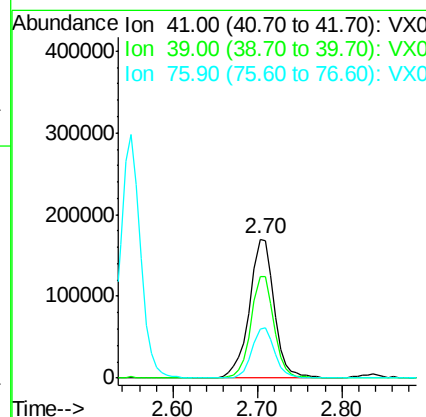
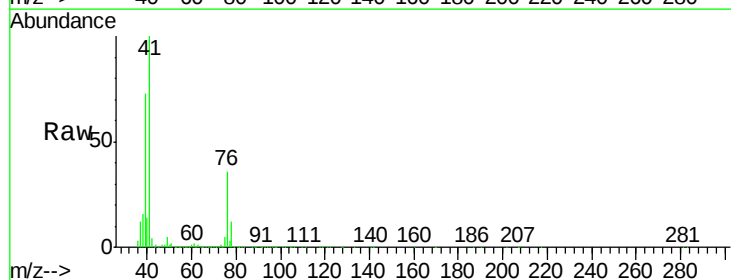
Tgt Ion: 41 Resp: 336794

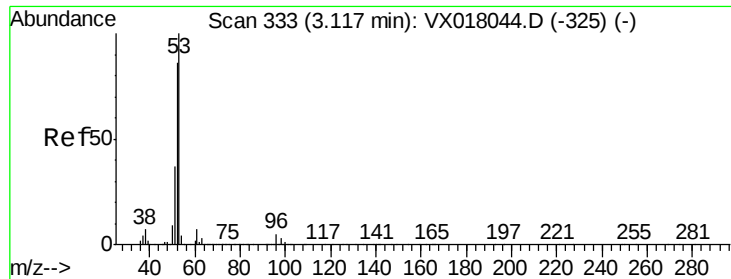
Ion Ratio Lower Upper

41 100

39 67.7 50.6 76.0

76 33.2 26.2 39.2





#15

Acrylonitrile

Concen: 225.955 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018375.D

Acq: 14 Sep 2020 10:34

Instrument :

MSVOA_X

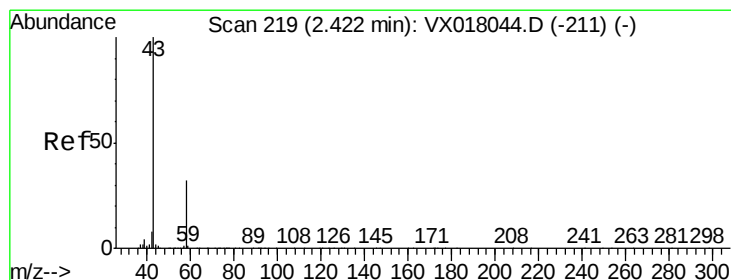
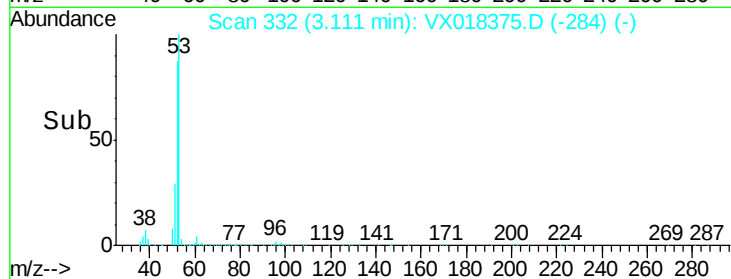
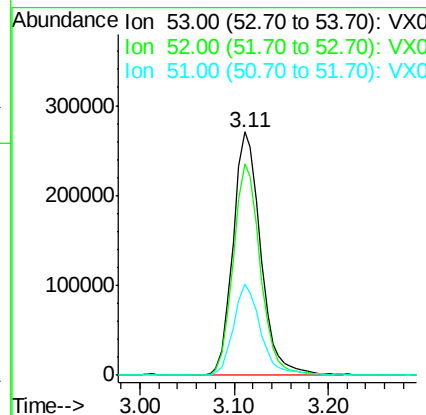
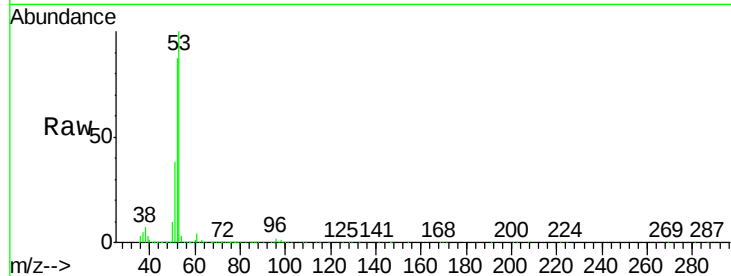
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	552844
Ion Ratio	Lower	Upper	
53	100		
52	85.4	66.9	100.3
51	36.9	28.7	43.1

Manual Integrations
APPROVED

MMDadoda
9/15/2020 2:29:00 PM



#16

Acetone

Concen: 241.858 ug/l

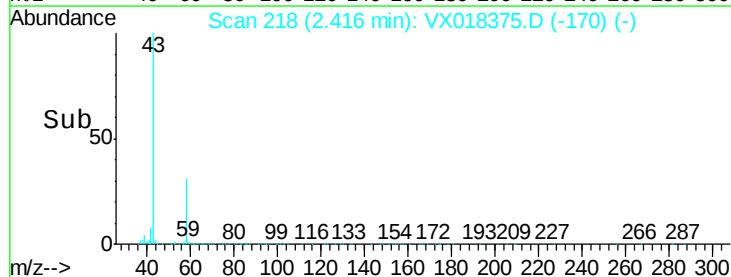
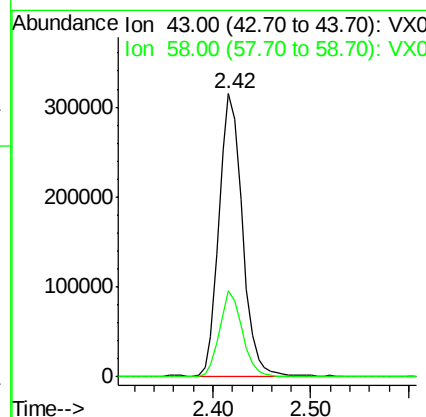
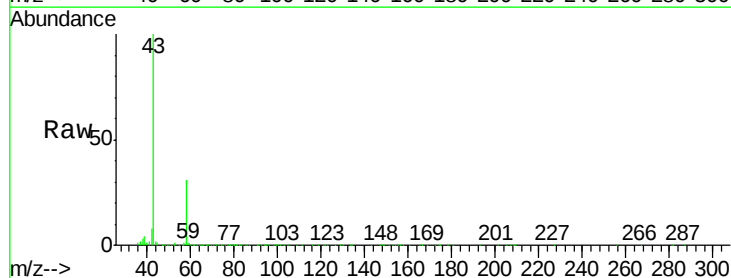
RT: 2.42 min Scan# 218

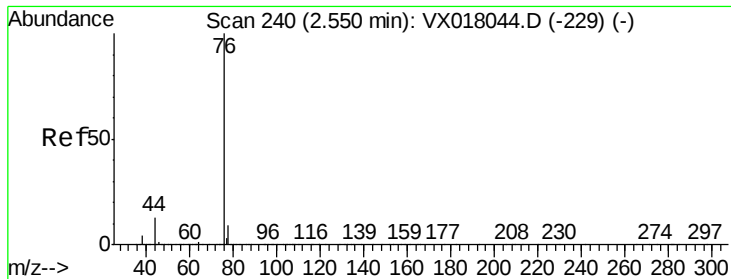
Delta R.T. -0.01 min

Lab File: VX018375.D

Acq: 14 Sep 2020 10:34

Tgt Ion:	43	Resp:	522798
Ion Ratio	Lower	Upper	
43	100		
58	30.5	25.5	38.3





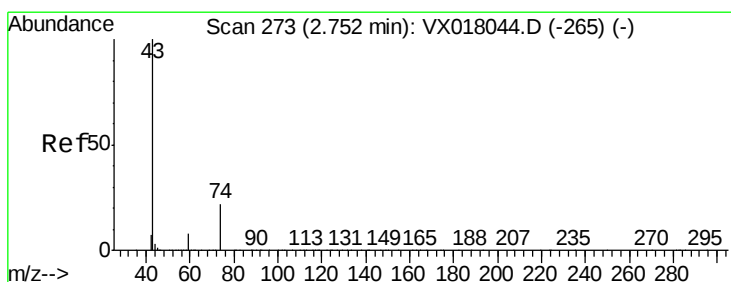
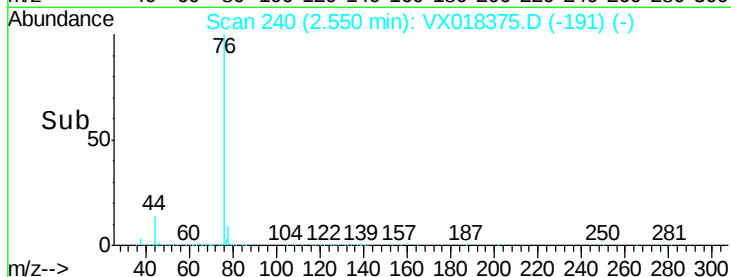
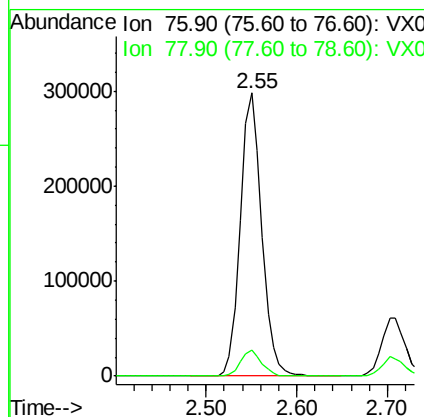
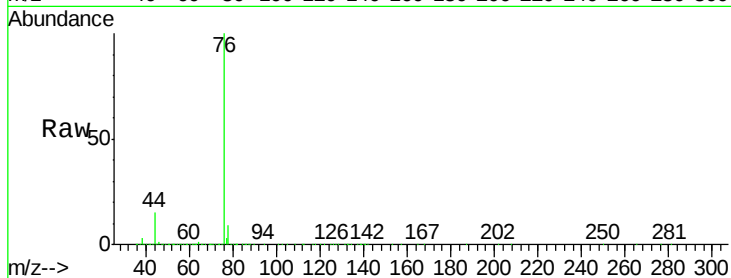
#17
Carbon Disulfide
Concen: 41.299 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018375.D
Acq: 14 Sep 2020 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.0

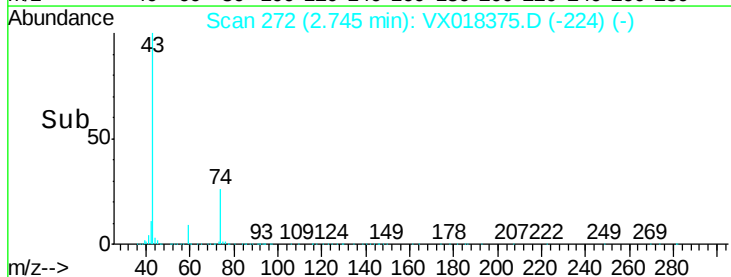
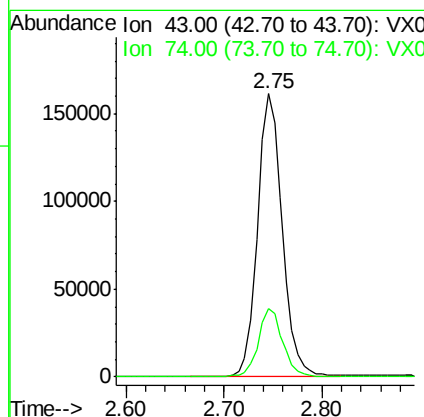
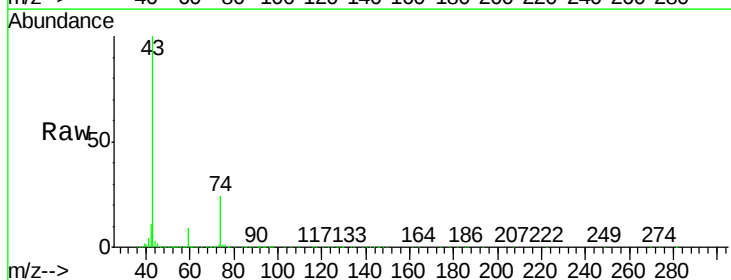
Manual Integrations
APPROVED

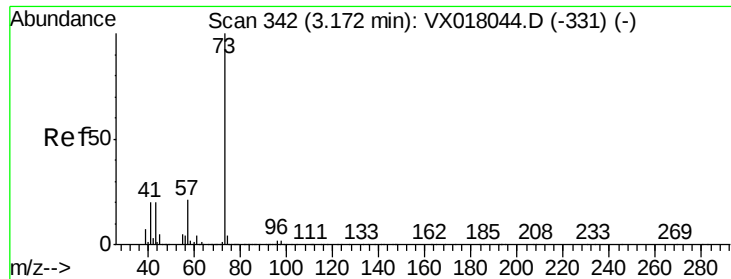
MMDadoda
9/15/2020 2:29:00 PM



#18
Methyl Acetate
Concen: 54.455 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX018375.D
Acq: 14 Sep 2020 10:34

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.2	18.2	27.4





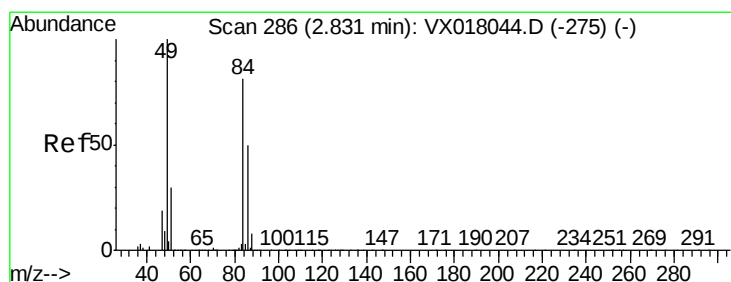
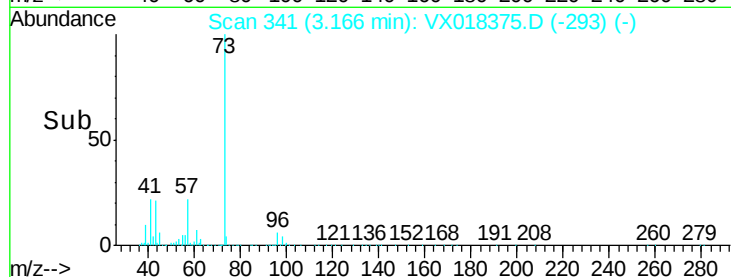
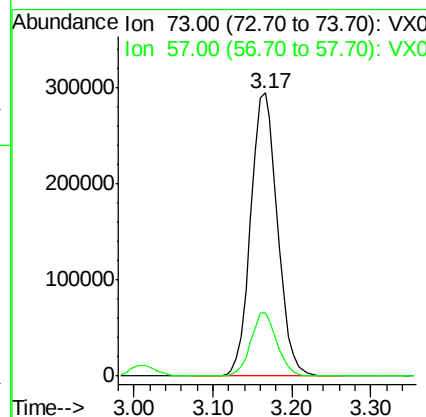
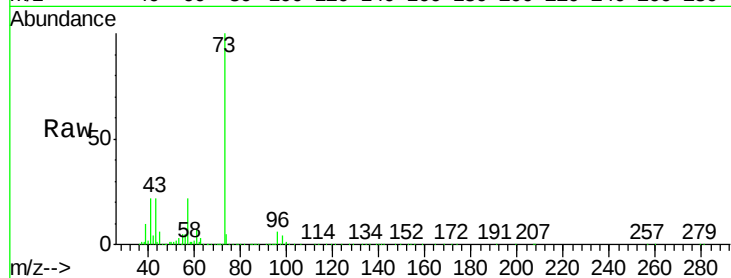
#19
Methvl tert-butvl Ether
Concen: 51.712 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018375.D
Acq: 14 Sep 2020 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	16.8	25.2

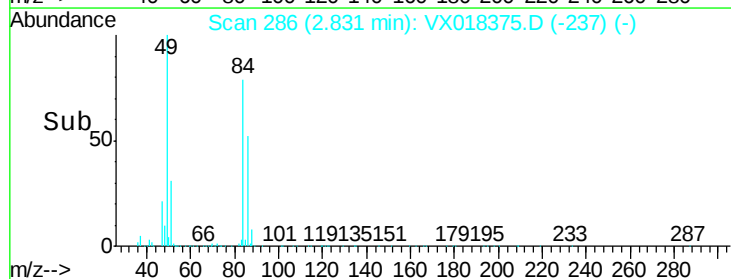
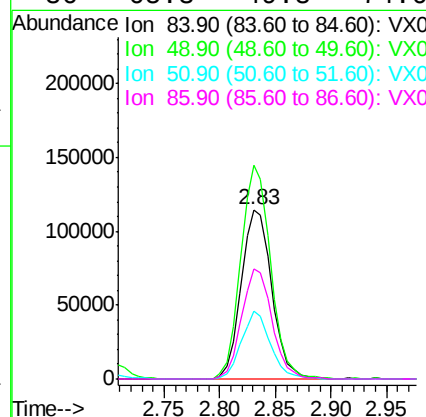
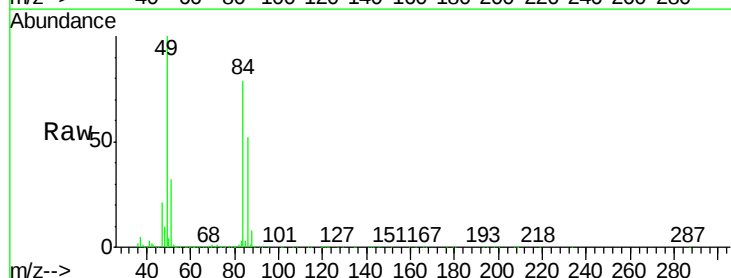
Manual Integrations
APPROVED

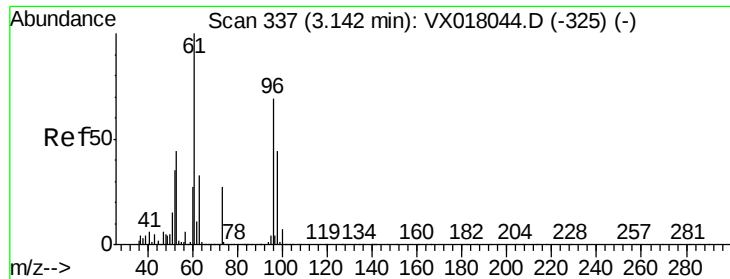
MMDadoda
9/15/2020 2:29:00 PM



#20
Methylene Chloride
Concen: 49.263 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018375.D
Acq: 14 Sep 2020 10:34

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.1	98.6	148.0
51	39.8	29.6	44.4
86	65.3	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 47.313 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018375.D

Acq: 14 Sep 2020 10:34

Instrument :

MSVOA_X

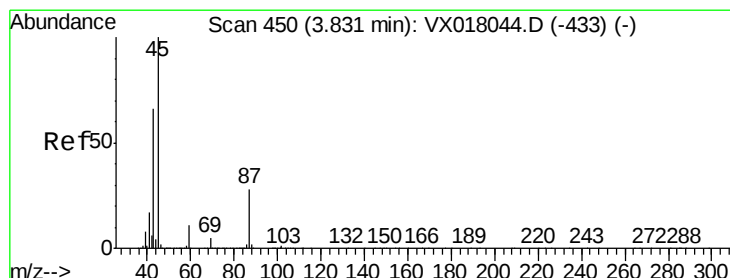
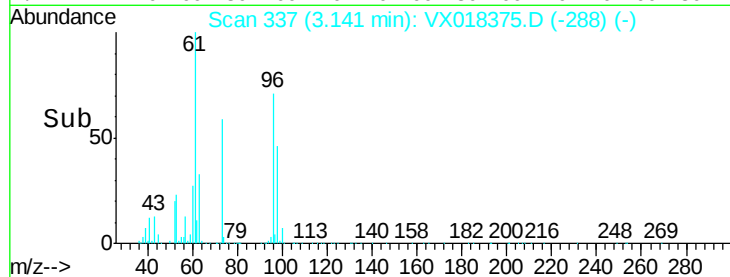
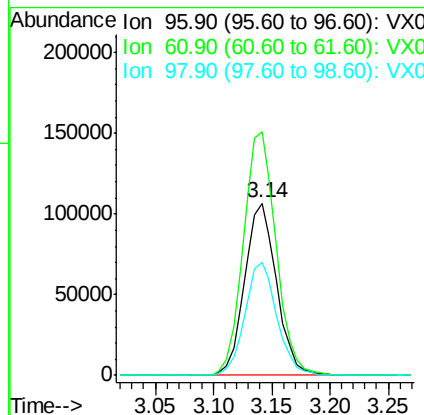
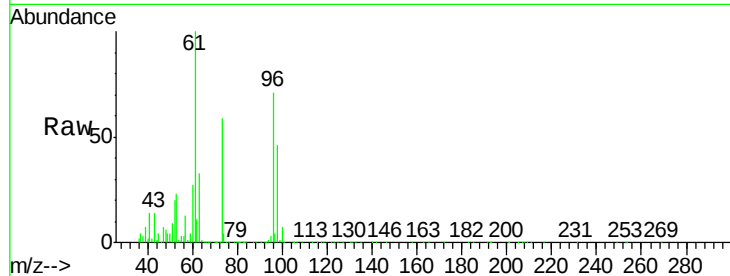
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	204694
Ion Ratio	Lower	Upper	
96	100		
61	141.6	115.4	173.0
98	65.4	51.1	76.7

Manual Integrations
APPROVED

MMDadoda
9/15/2020 2:29:00 PM



#22

Diisopropyl ether

Concen: 49.505 ug/l

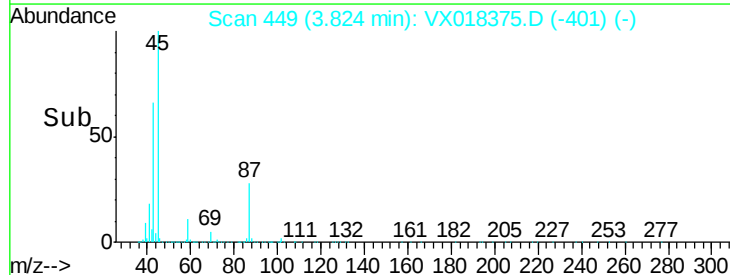
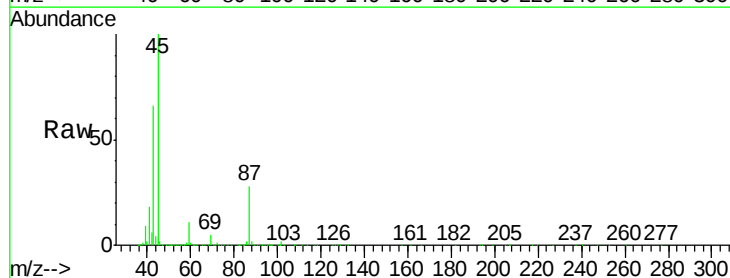
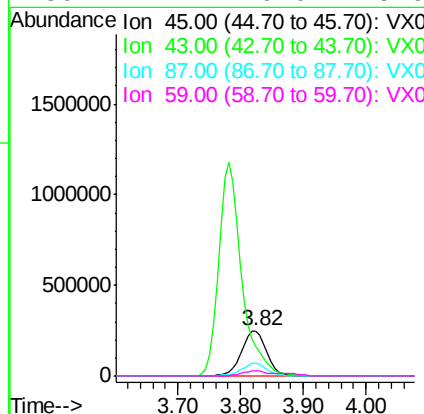
RT: 3.82 min Scan# 449

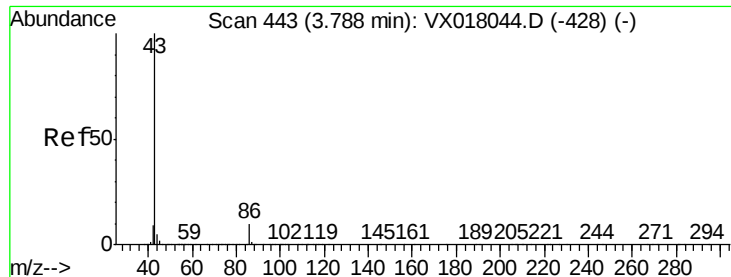
Delta R.T. -0.01 min

Lab File: VX018375.D

Acq: 14 Sep 2020 10:34

Tgt Ion:	45	Resp:	685495
Ion Ratio	Lower	Upper	
45	100		
43	66.0	52.8	79.2
87	28.4	22.5	33.7
59	11.2	9.0	13.6





#23

Vinyl Acetate

Concen: 242.236 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018375.D

Acq: 14 Sep 2020 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2984668

Ion Ratio Lower Upper

43 100

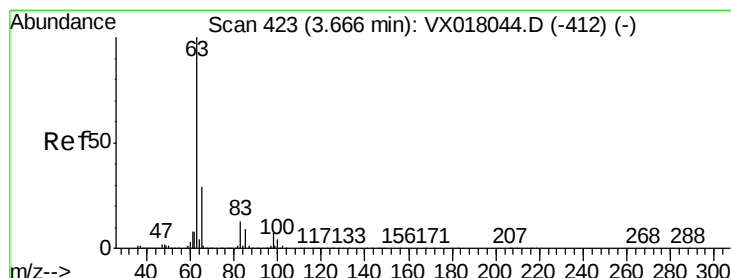
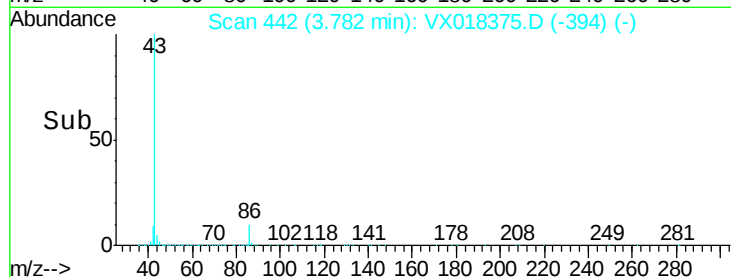
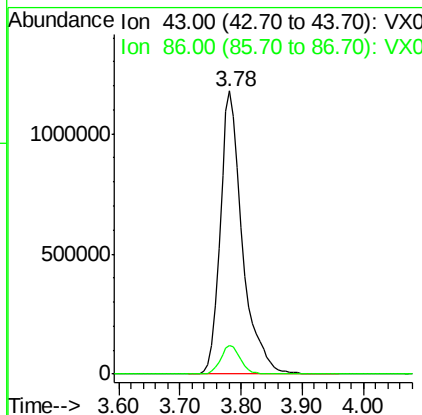
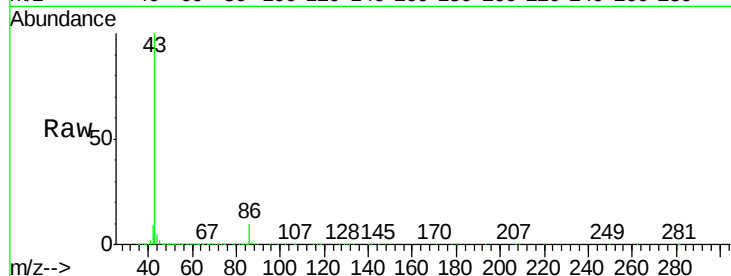
86 10.3 7.9 11.9

Manual Integrations

APPROVED

MMDadoda

9/15/2020 2:29:00 PM



#24

1,1-Dichloroethane

Concen: 49.442 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018375.D

Acq: 14 Sep 2020 10:34

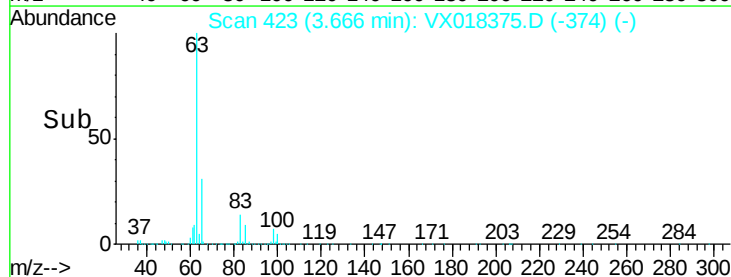
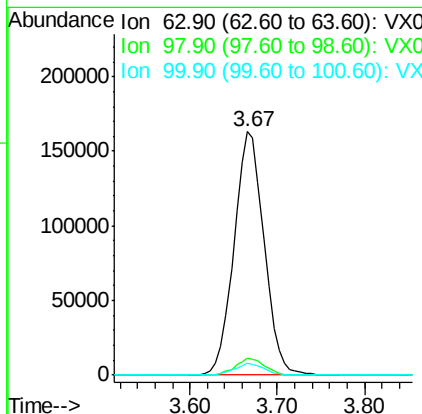
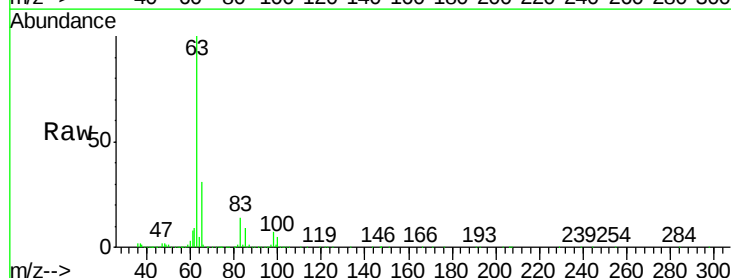
Tgt Ion: 63 Resp: 389723

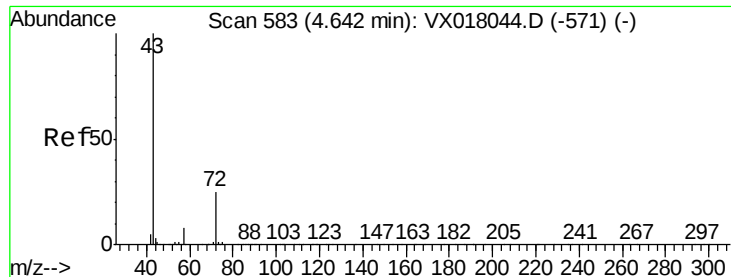
Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.8

100 4.8 2.0 6.0





#25

2-Butanone

Concen: 222.718 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX018375.D

Acq: 14 Sep 2020 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 791204

Ion Ratio Lower Upper

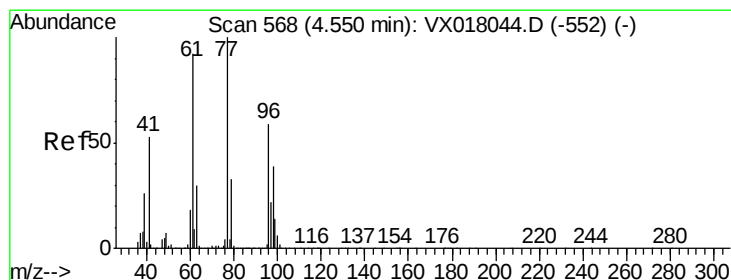
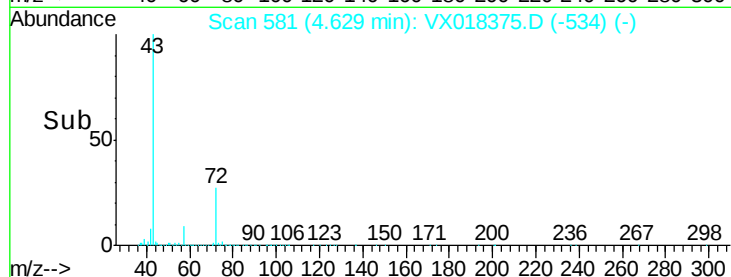
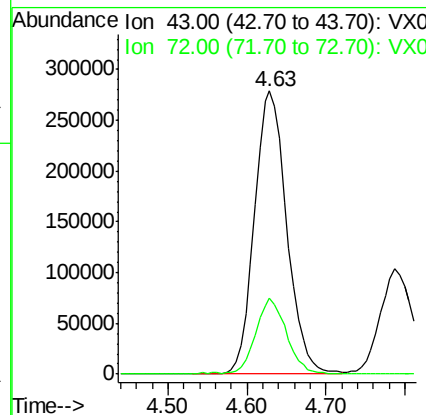
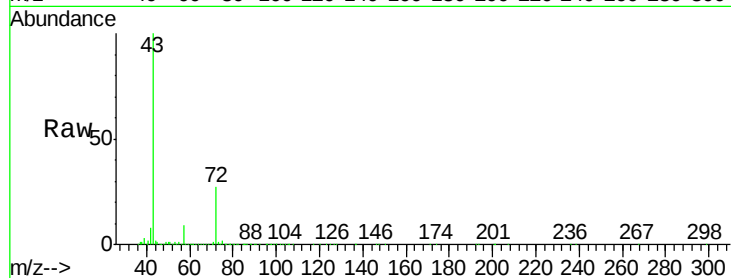
43 100

72 26.7 19.8 29.6

Manual Integrations
APPROVED

MMDadoda

9/15/2020 2:29:00 PM



#26

2,2-Dichloropropane

Concen: 57.690 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX018375.D

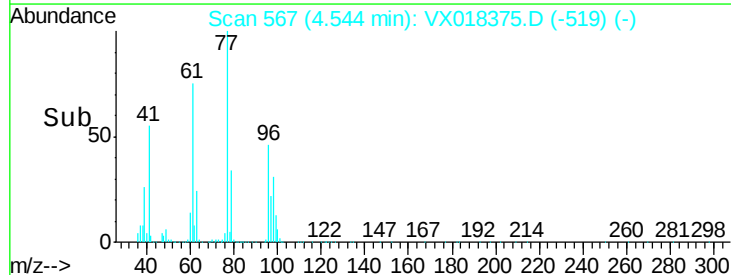
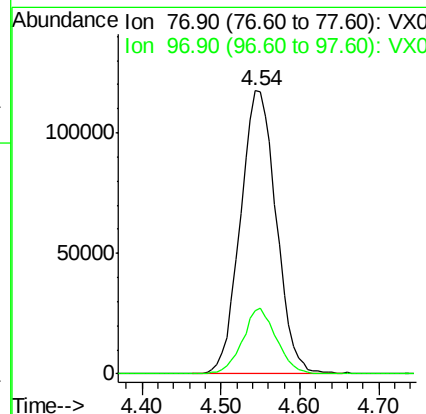
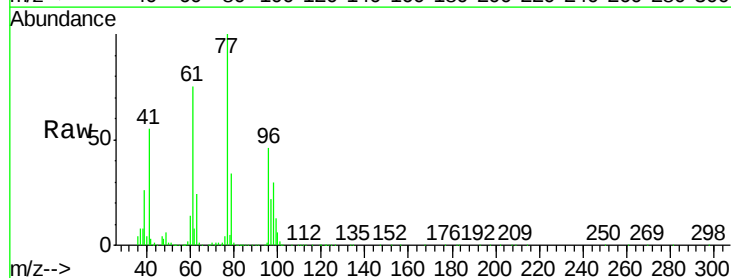
Acq: 14 Sep 2020 10:34

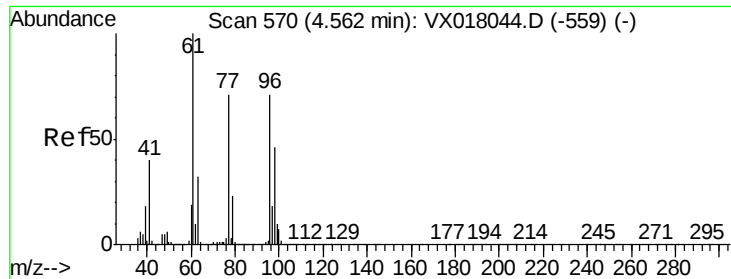
Tgt Ion: 77 Resp: 369992

Ion Ratio Lower Upper

77 100

97 22.0 11.5 34.5





#27

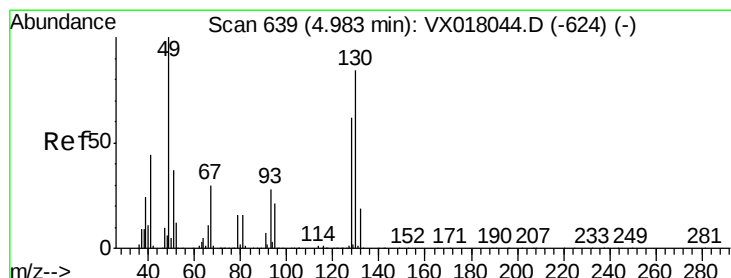
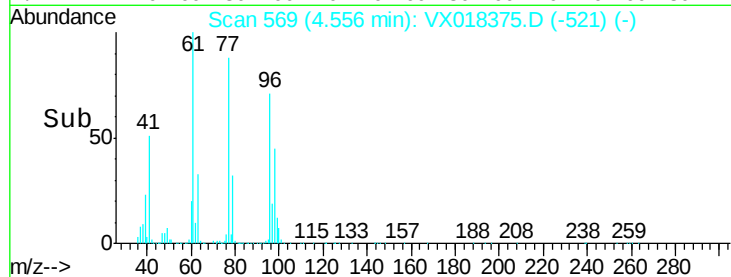
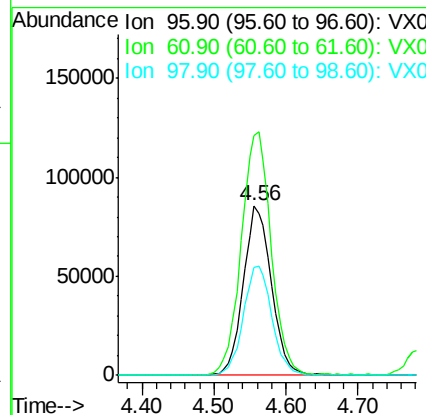
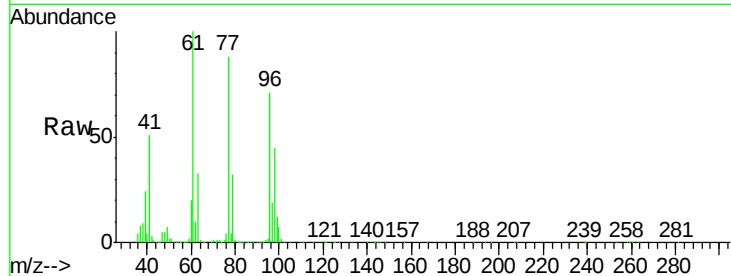
cis-1,2-Dichloroethene
Concen: 46.524 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX018375.D
Acq: 14 Sep 2020 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	231911		
61	152.6	0.0	296.6	
98	65.3	0.0	130.2	

Manual Integrations
APPROVED

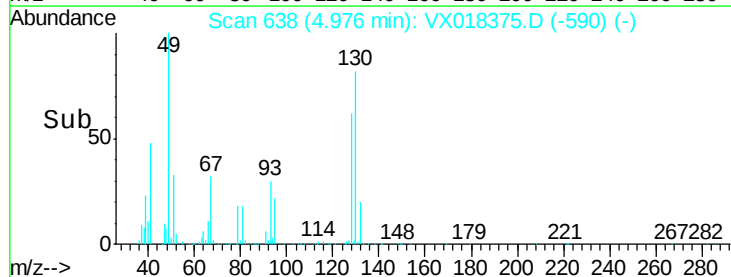
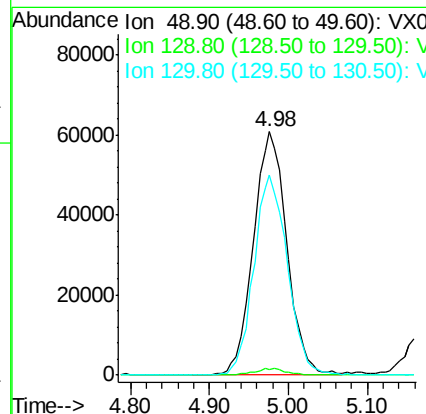
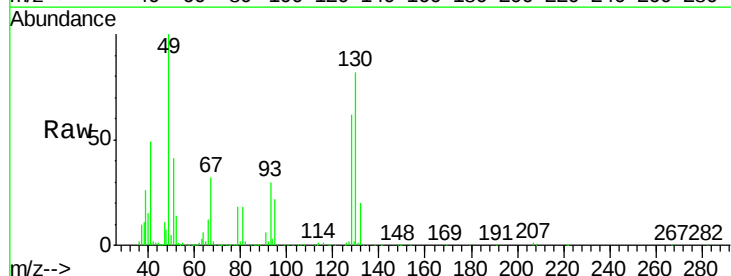
MMDadoda
9/15/2020 2:29:00 PM



#28

Bromochloromethane
Concen: 47.247 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX018375.D
Acq: 14 Sep 2020 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	179764		
129	2.5	0.0	4.6	
130	82.4	64.6	96.8	





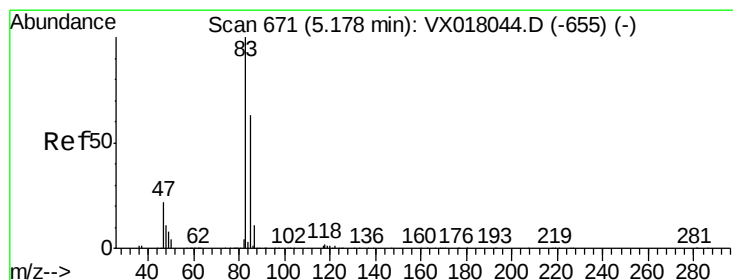
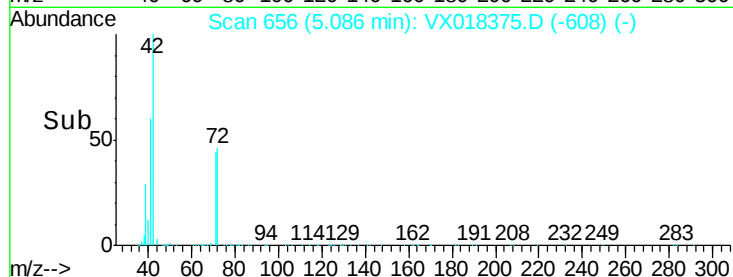
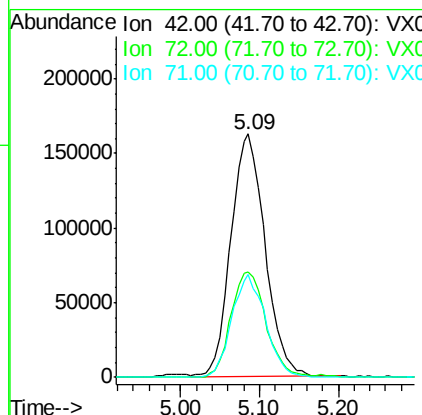
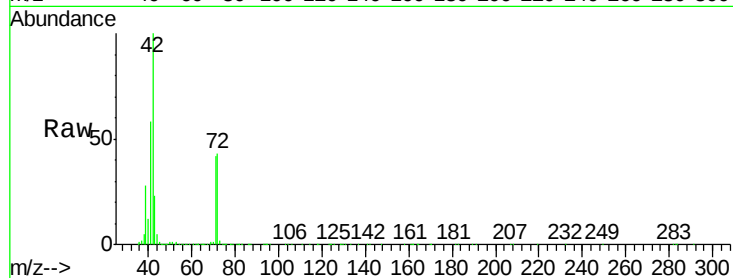
#29
Tetrahydrofuran
Concen: 217.093 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX018375.D
Acq: 14 Sep 2020 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.8	34.2	51.4
71	41.8	32.1	48.1

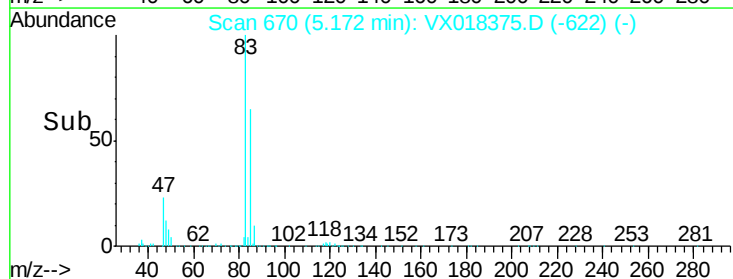
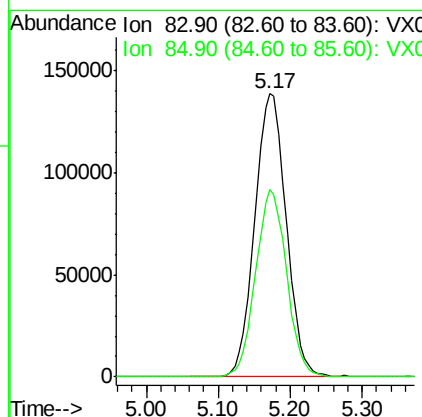
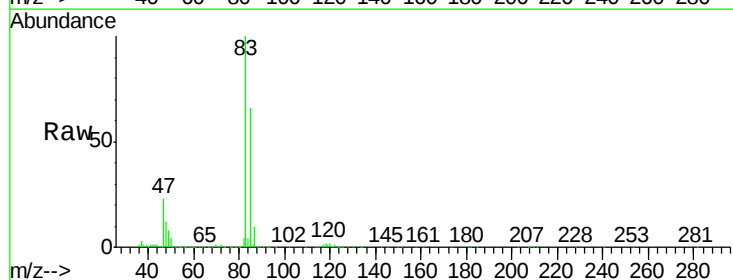
Manual Integrations
APPROVED

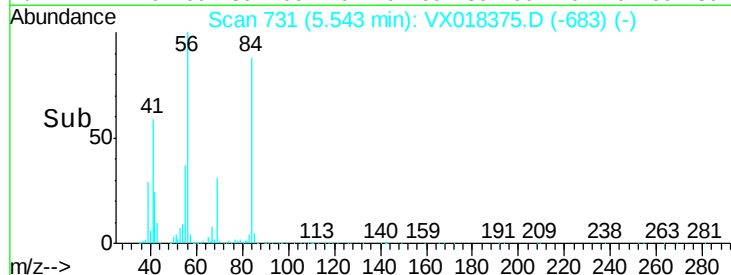
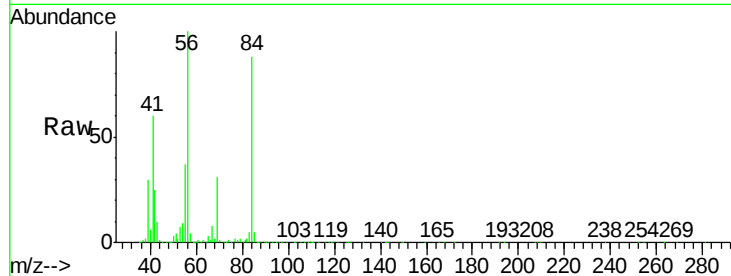
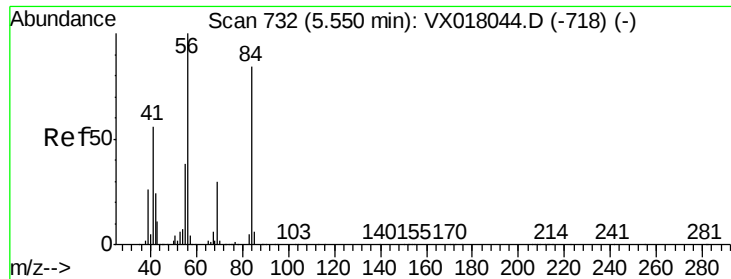
MMDadoda
9/15/2020 2:29:00 PM



#30
Chloroform
Concen: 51.745 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX018375.D
Acq: 14 Sep 2020 10:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	50.7	76.1





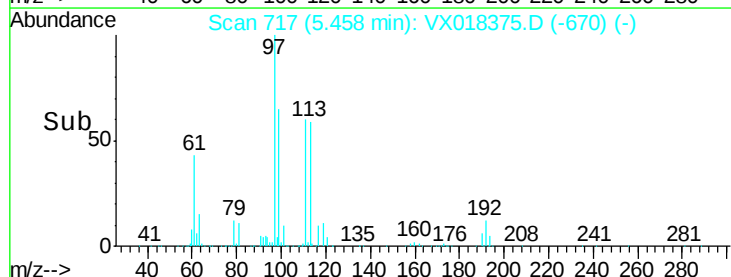
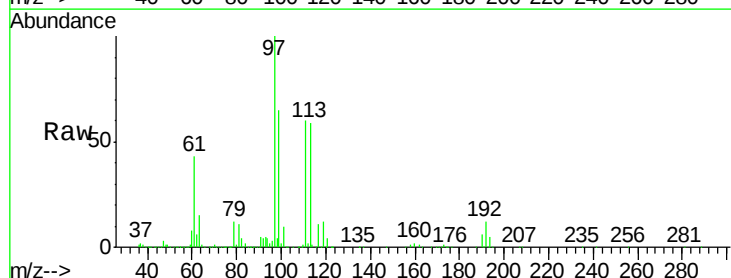
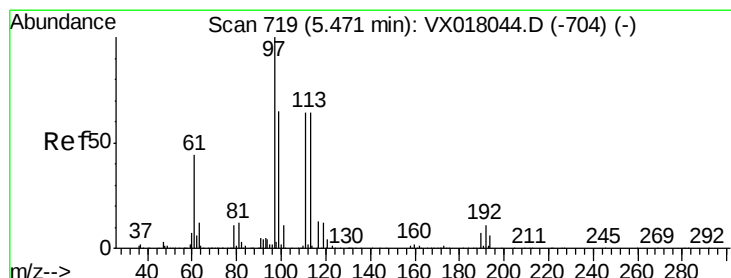
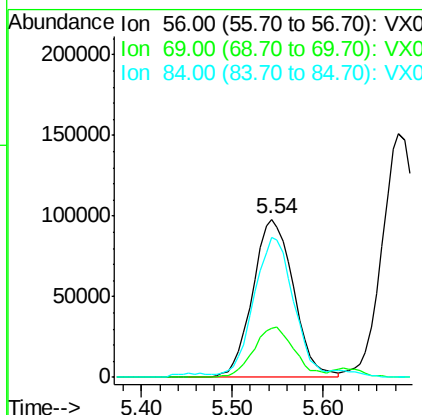
#31
Cyclohexane
Concen: 45.994 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX018375.D
Acq: 14 Sep 2020 10:34

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	30.5	23.9	35.9	
84	85.8	67.0	100.4	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

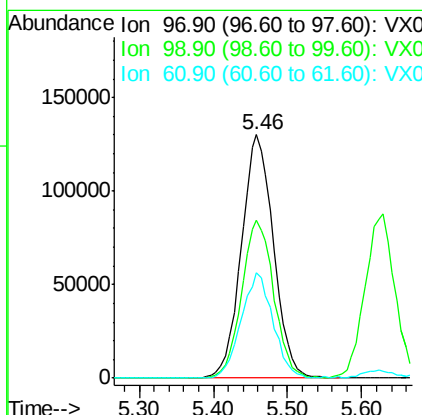
Manual Integrations
APPROVED

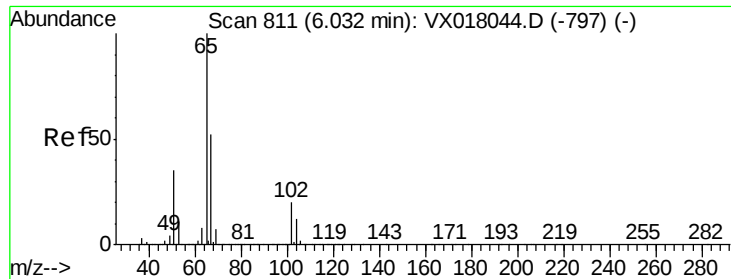
MMDadoda
9/15/2020 2:29:00 PM



#32
1,1,1-Trichloroethane
Concen: 52.415 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX018375.D
Acq: 14 Sep 2020 10:34

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	65.0	51.4	77.0	
61	42.9	34.2	51.4	





#33

1,2-Dichloroethane-d4

Concen: 50.206 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018375.D

Acq: 14 Sep 2020 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 278512

Ion Ratio Lower Upper

65 100

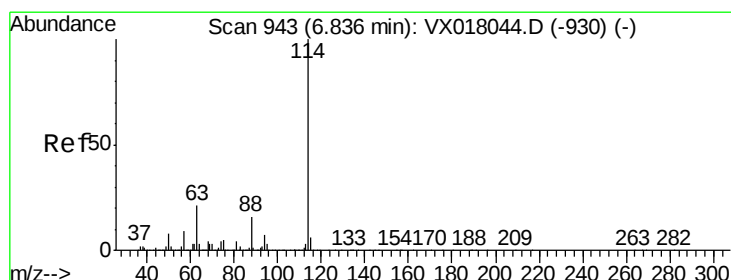
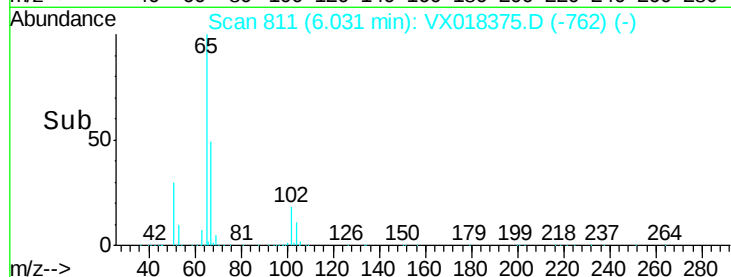
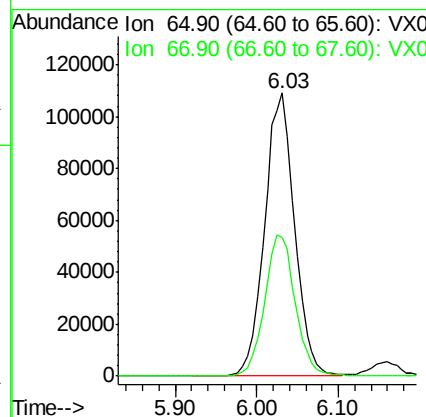
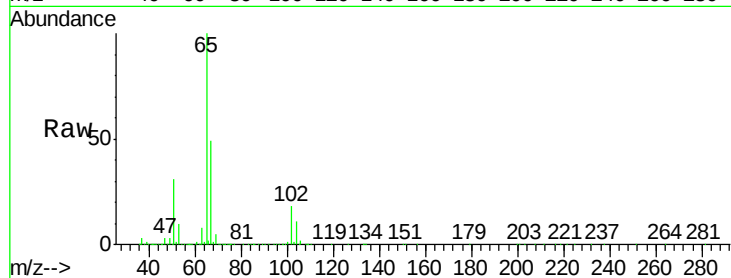
67 50.8 0.0 105.8

Manual Integrations

APPROVED

MMDadoda

9/15/2020 2:29:00 PM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018375.D

Acq: 14 Sep 2020 10:34

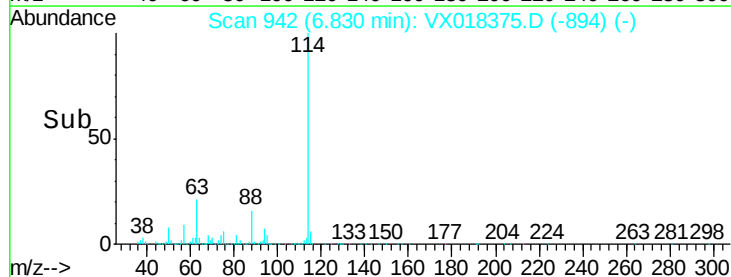
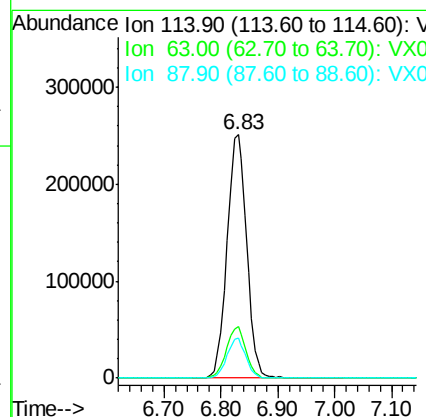
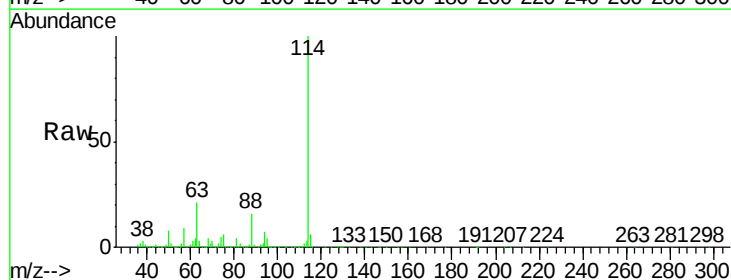
Tgt Ion: 114 Resp: 600750

Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.6

88 16.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 52.681 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX018375.D

Acq: 14 Sep 2020 10:34

Instrument :

MSVOA_X

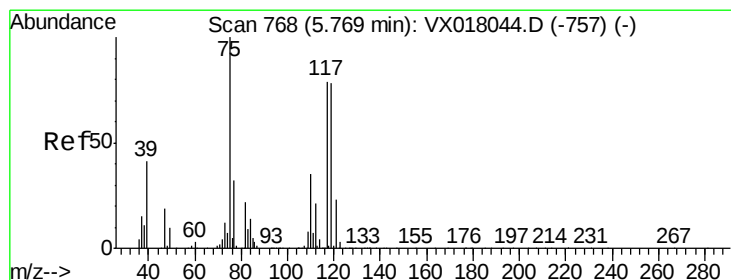
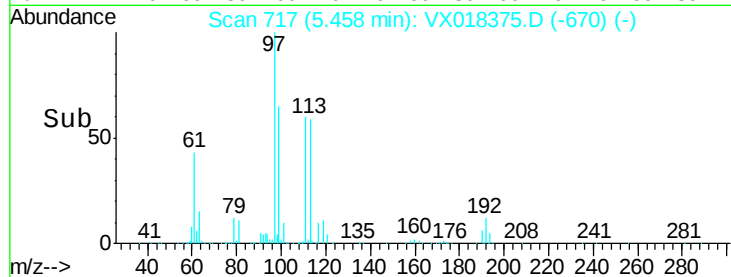
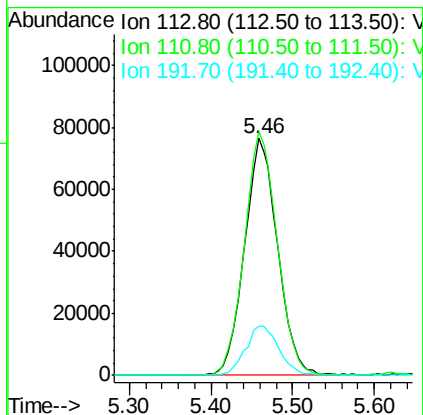
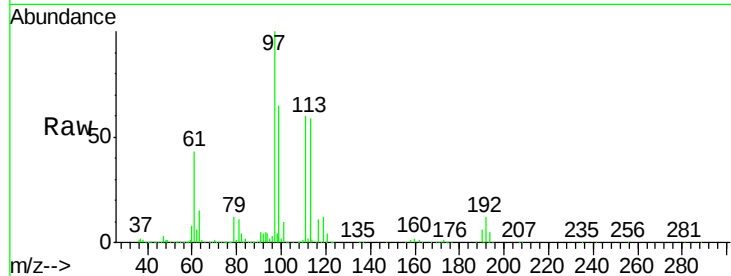
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	215541
Ion Ratio	Lower	Upper	
113	100		
111	102.1	81.6	122.4
192	21.0	15.8	23.8

Manual Integrations
APPROVED

MMDadoda
9/15/2020 2:29:00 PM



#36

1,1-Dichloropropene

Concen: 52.103 ug/l

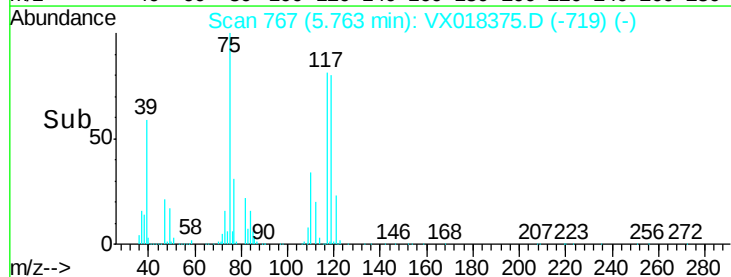
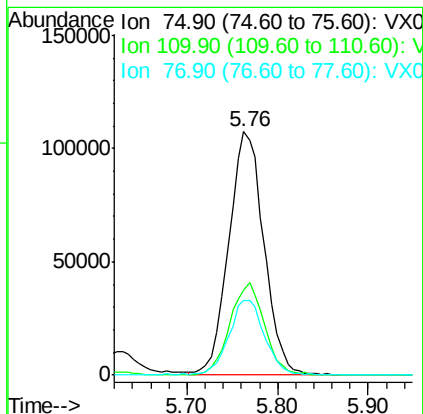
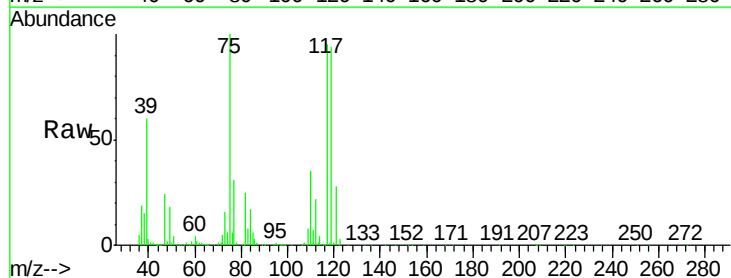
RT: 5.76 min Scan# 767

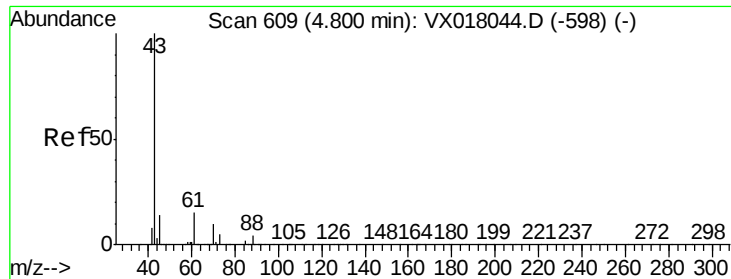
Delta R.T. -0.01 min

Lab File: VX018375.D

Acq: 14 Sep 2020 10:34

Tgt Ion:	75	Resp:	288703
Ion Ratio	Lower	Upper	
75	100		
110	37.3	18.0	54.0
77	30.9	24.4	36.6





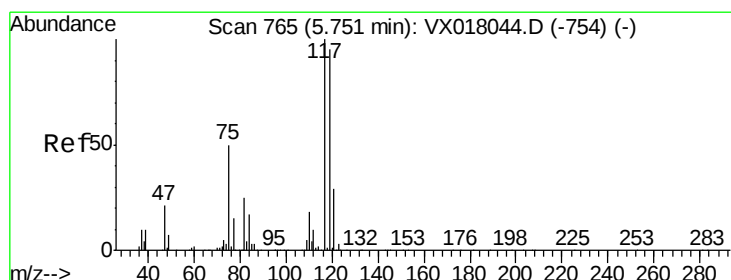
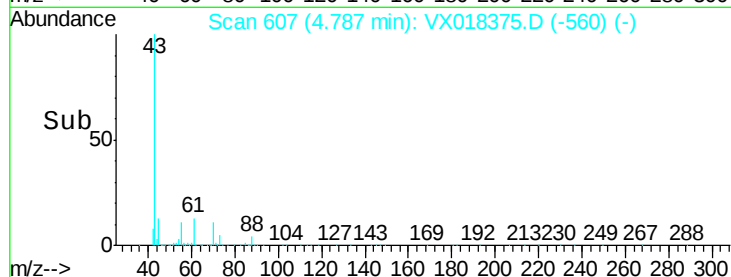
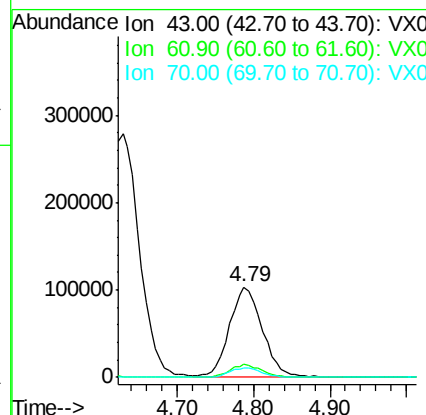
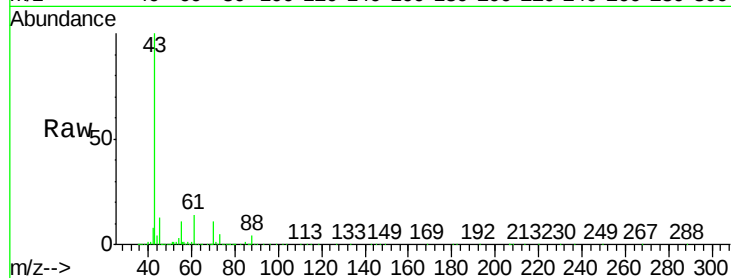
#37
Ethyl Acetate
Concen: 47.505 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX018375.D
Acq: 14 Sep 2020 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	305724
Ion Ratio	Lower	Upper	
43	100		
61	12.9	11.3	16.9
70	10.3	8.2	12.4

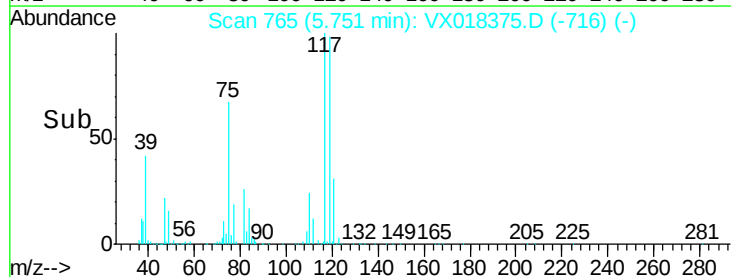
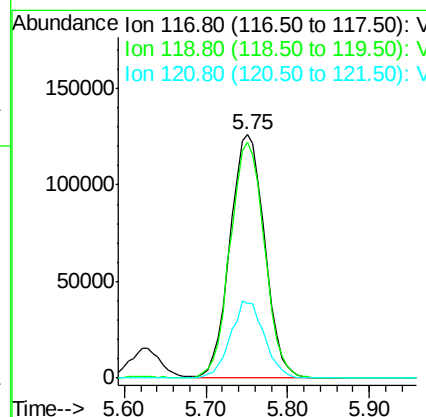
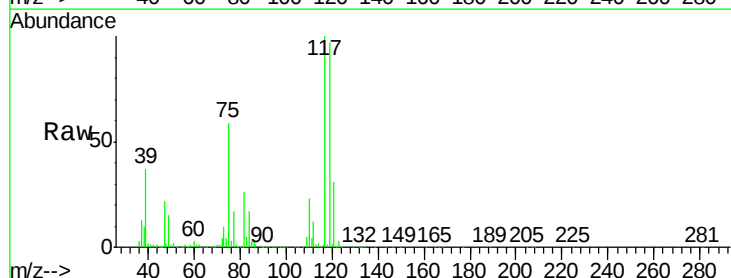
Manual Integrations
APPROVED

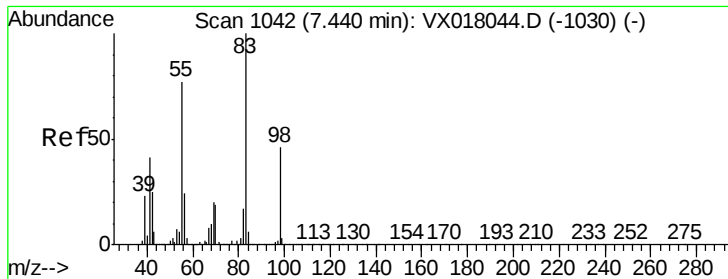
MMDadoda
9/15/2020 2:29:00 PM



#38
Carbon Tetrachloride
Concen: 59.128 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX018375.D
Acq: 14 Sep 2020 10:34

Tgt Ion	117	Resp	369223
Ion Ratio	Lower	Upper	
117	100		
119	97.0	75.8	113.6
121	30.8	23.4	35.0





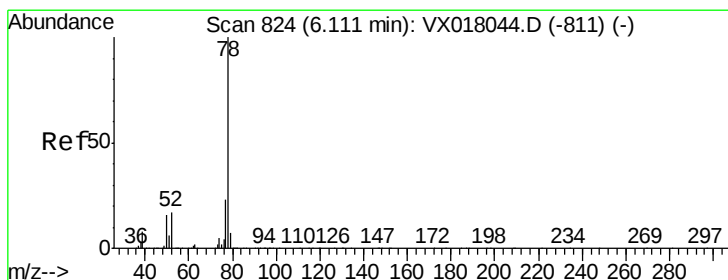
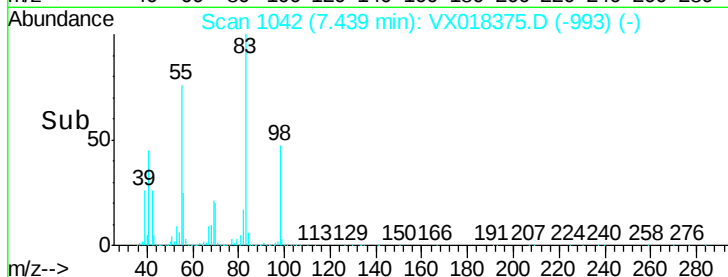
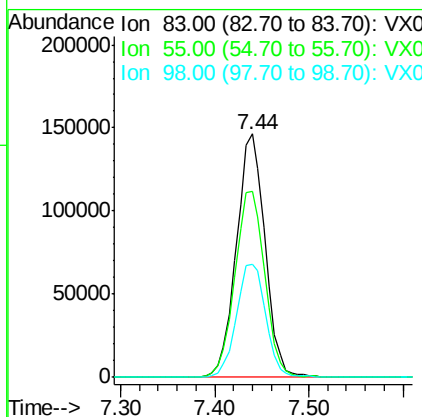
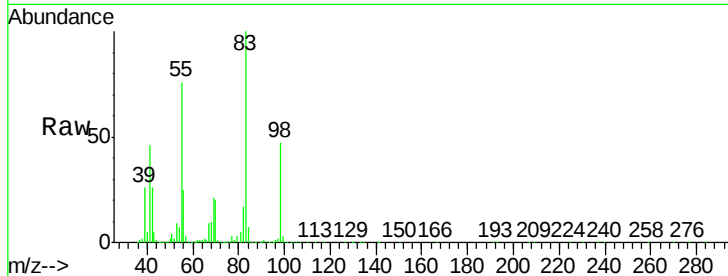
#39
Methvlcvclohexane
Concen: 51.338 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018375.D
Acq: 14 Sep 2020 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	311050		
55	76.2	61.8	92.6	
98	46.6	36.6	55.0	

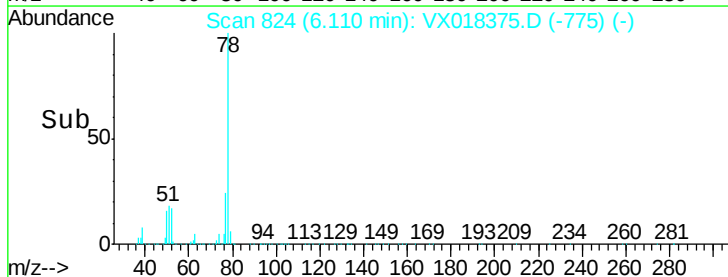
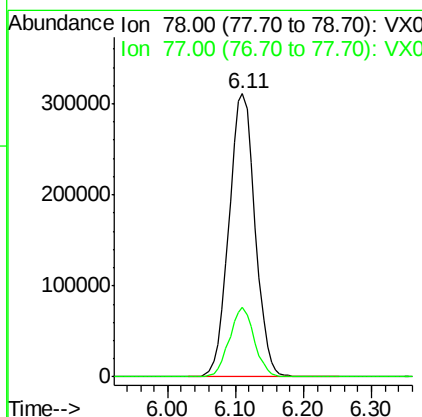
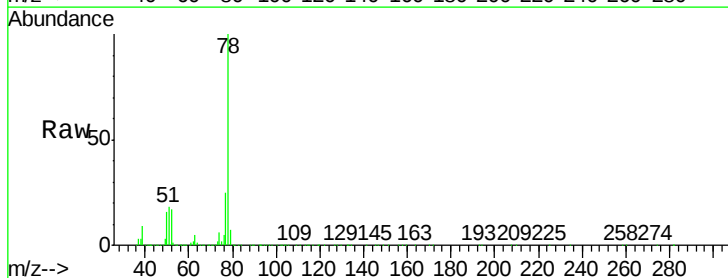
Manual Integrations
APPROVED

MMDadoda
9/15/2020 2:29:00 PM



#40
Benzene
Concen: 50.875 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018375.D
Acq: 14 Sep 2020 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	828333		
77	24.6	18.2	27.2	





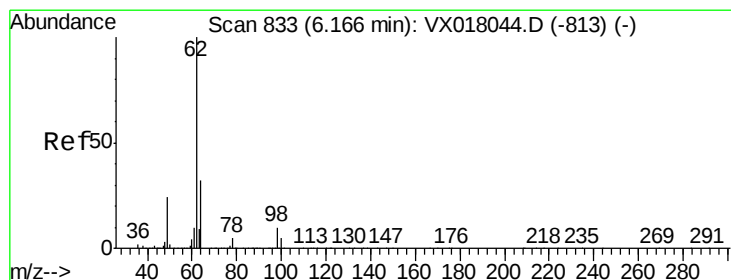
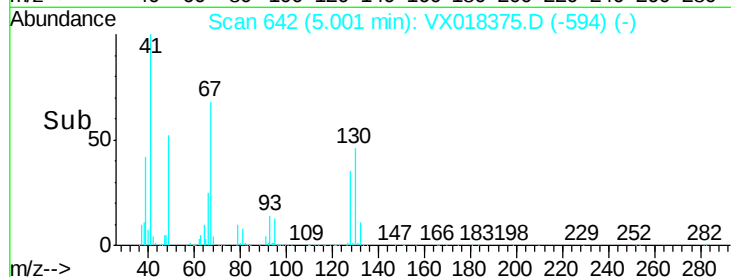
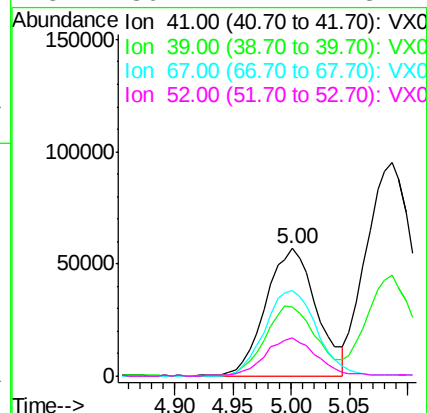
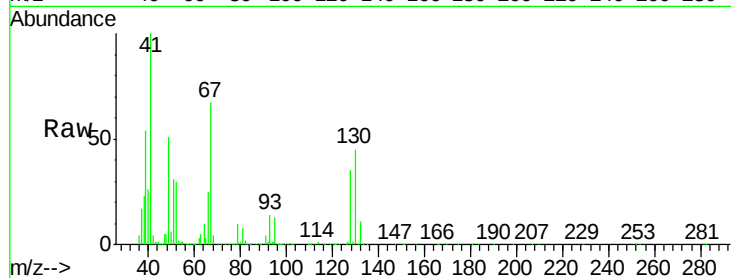
#41
Methacrylonitrile
Concen: 48.438 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX018375.D
Acq: 14 Sep 2020 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.9	43.1	64.7
67	69.3	56.0	84.0
52	30.7	22.7	34.1

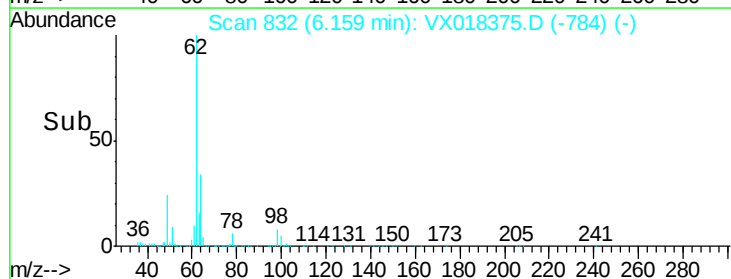
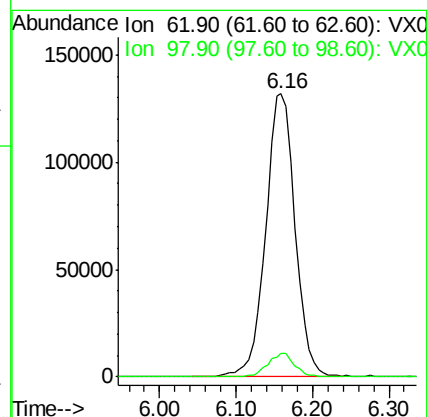
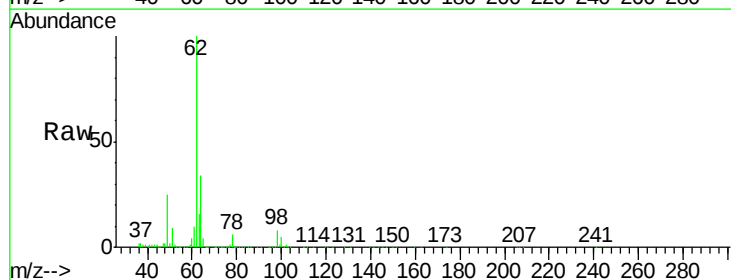
Manual Integrations
APPROVED

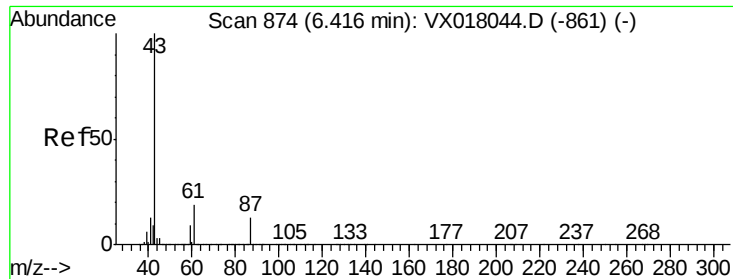
MMDadoda
9/15/2020 2:29:00 PM



#42
1,2-Dichloroethane
Concen: 56.722 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018375.D
Acq: 14 Sep 2020 10:34

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	18.2





#43

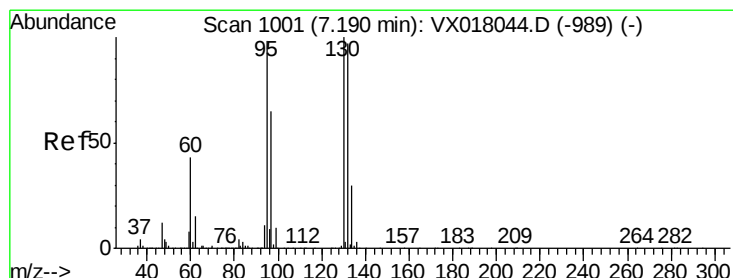
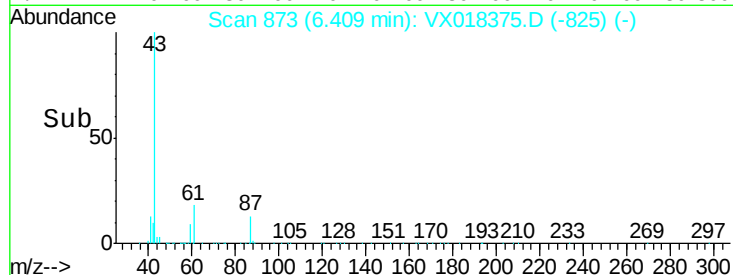
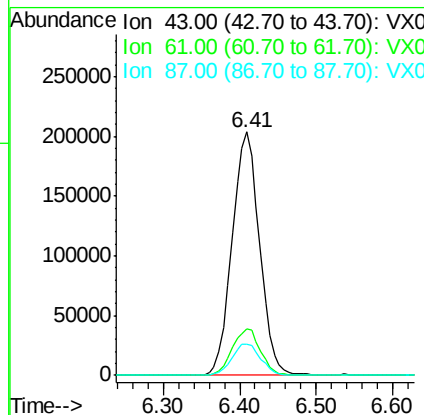
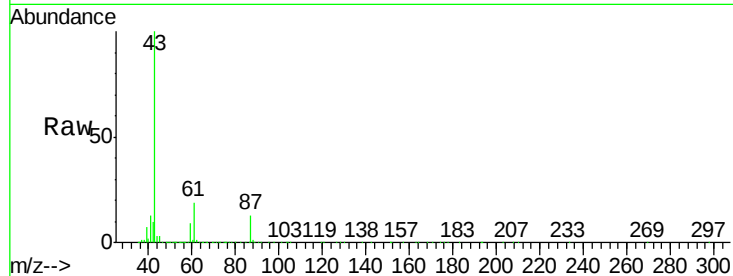
Isopropyl Acetate
 Concen: 48.374 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX018375.D
 Acq: 14 Sep 2020 10:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.7	23.5
87	13.7	10.3	15.5

Manual Integrations
 APPROVED

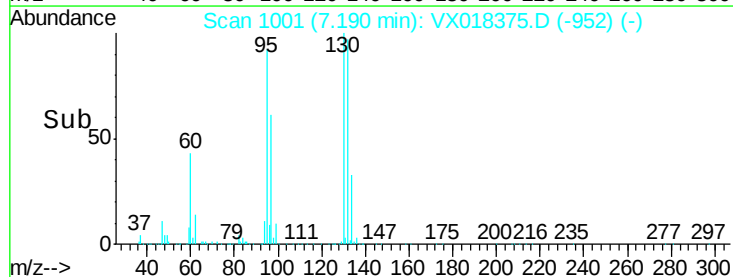
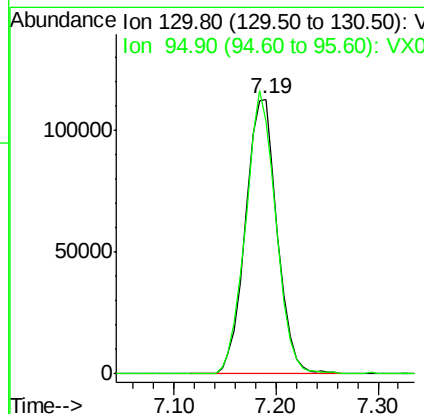
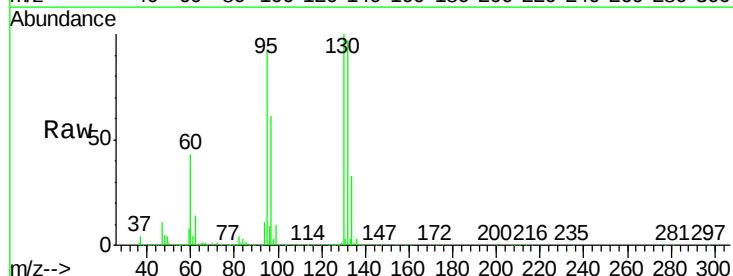
MMDadoda
 9/15/2020 2:29:00 PM

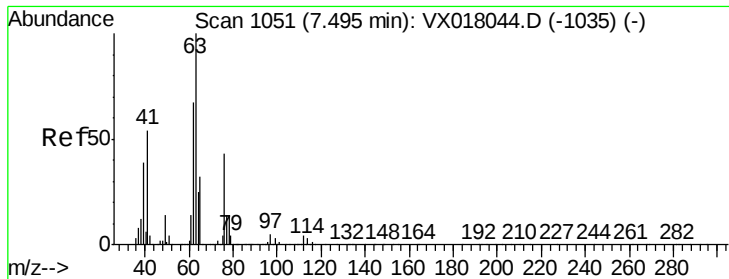


#44

Trichloroethene
 Concen: 52.874 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX018375.D
 Acq: 14 Sep 2020 10:34

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.9	0.0	196.4





#45

1,2-Dichloropropane

Concen: 51.561 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018375.D

Acq: 14 Sep 2020 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 226261

Ion Ratio Lower Upper

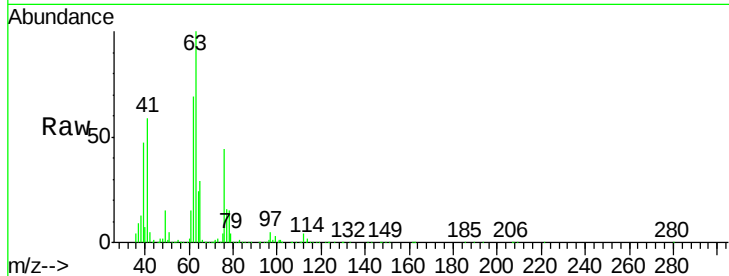
63 100

65 28.5 25.7 38.5

Manual Integrations
APPROVED

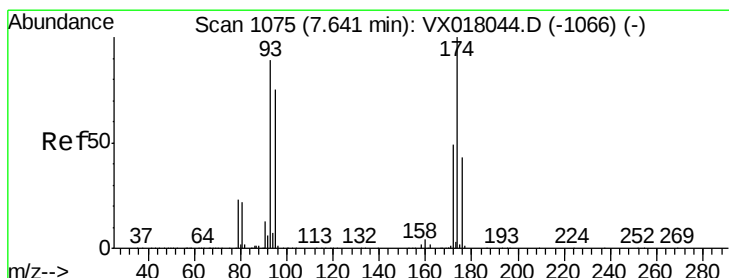
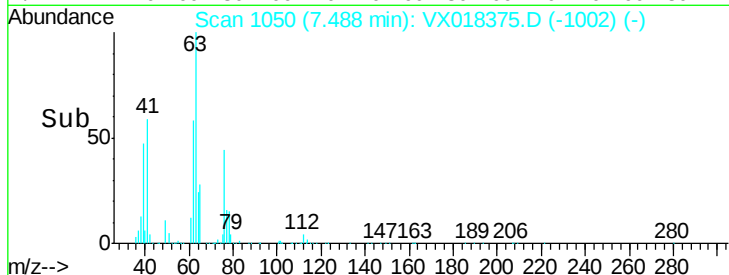
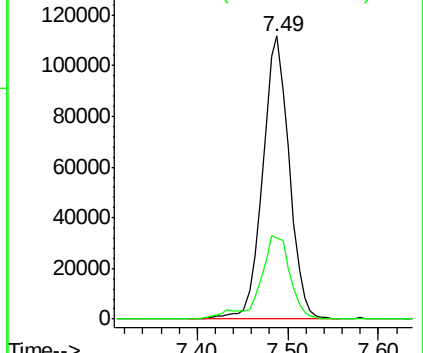
MMDadoda

9/15/2020 2:29:00 PM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 52.318 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018375.D

Acq: 14 Sep 2020 10:34

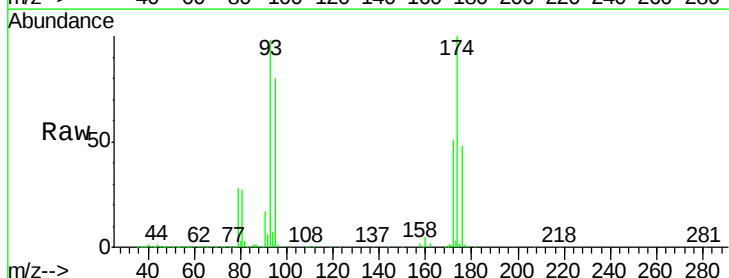
Tgt Ion: 93 Resp: 161444

Ion Ratio Lower Upper

93 100

95 84.0 67.3 100.9

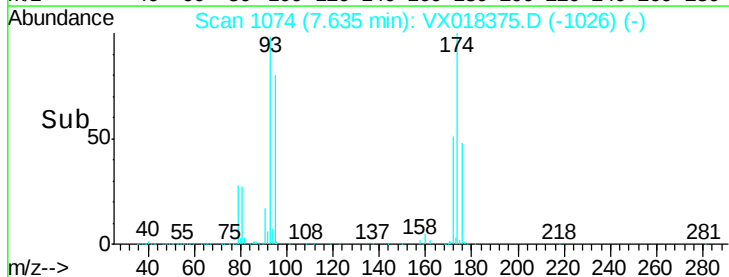
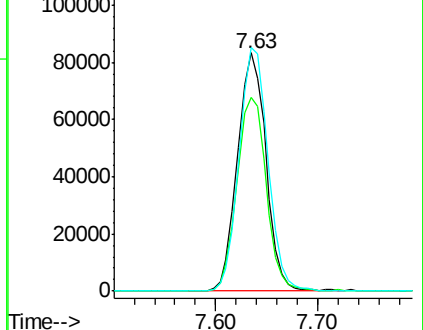
174 103.7 82.2 123.2

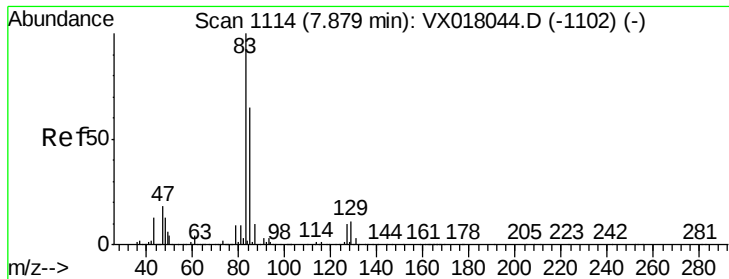


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 56.138 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018375.D

Acq: 14 Sep 2020 10:34

Instrument :

MSVOA_X

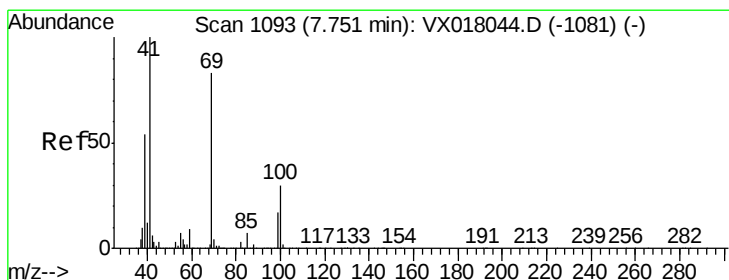
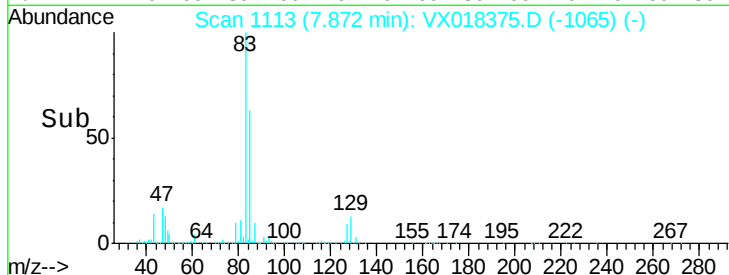
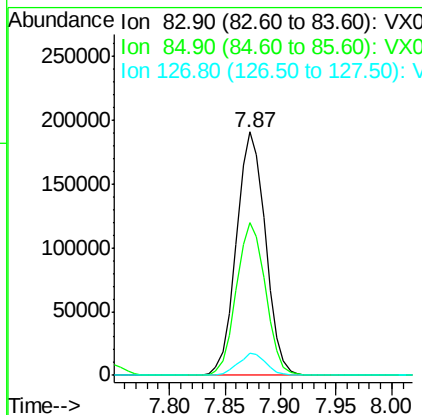
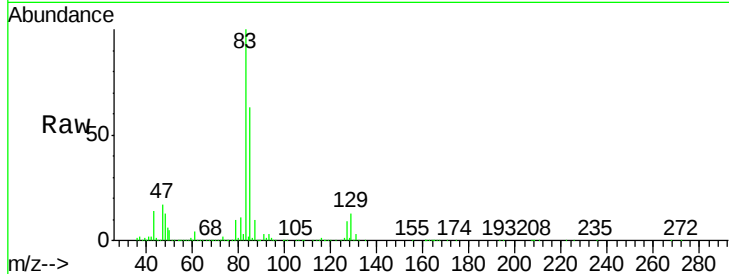
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	345892
Ion Ratio	Lower	Upper	
83	100		
85	62.6	51.8	77.6
127	9.2	7.7	11.5

Manual Integrations
APPROVED

MMDadoda
9/15/2020 2:29:00 PM



#48

Methyl methacrylate

Concen: 49.712 ug/l

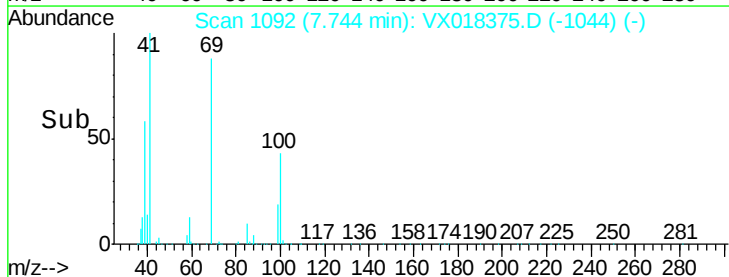
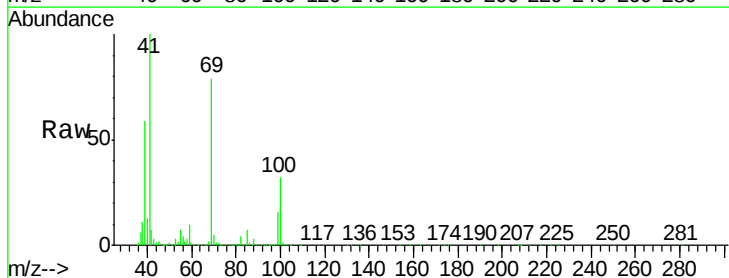
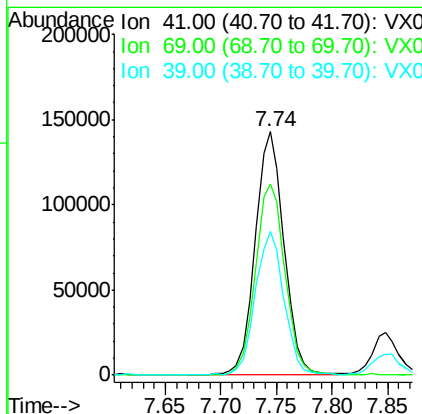
RT: 7.74 min Scan# 1092

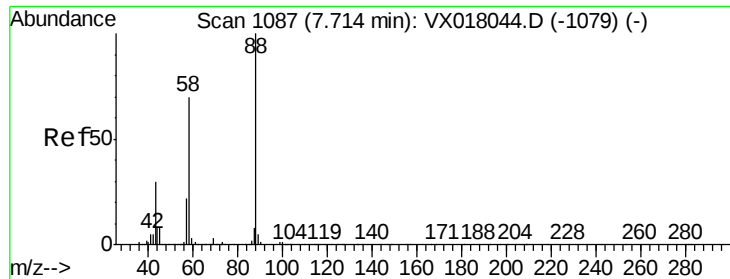
Delta R.T. -0.01 min

Lab File: VX018375.D

Acq: 14 Sep 2020 10:34

Tgt Ion:	41	Resp:	257235
Ion Ratio	Lower	Upper	
41	100		
69	80.6	65.5	98.3
39	58.5	44.5	66.7





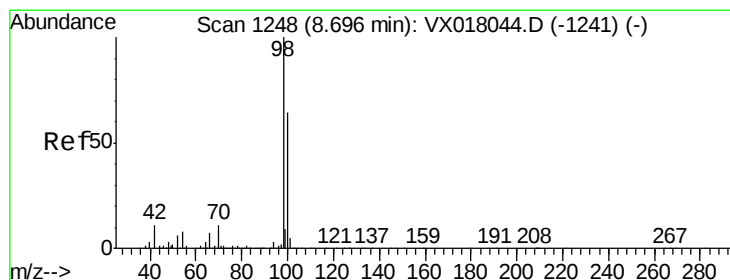
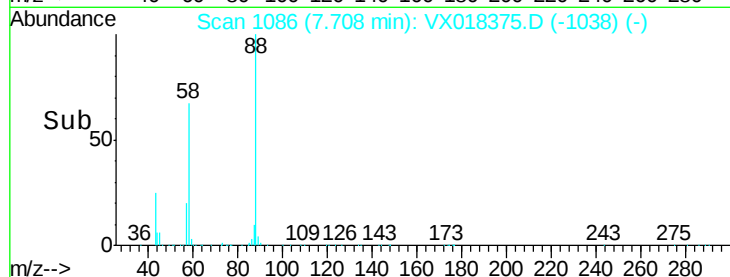
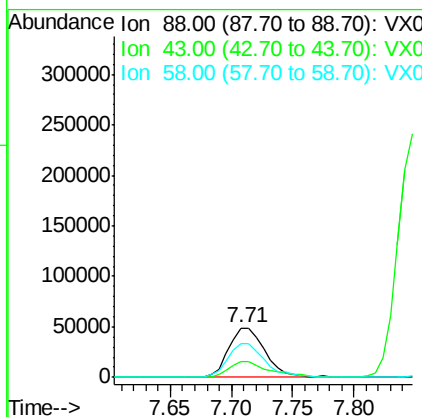
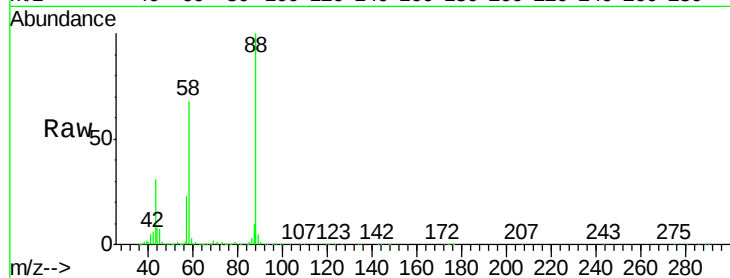
#49
1,4-Dioxane
Concen: 1064.123 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VX018375.D
Acq: 14 Sep 2020 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.7	27.4	41.0
58	71.8	56.4	84.6

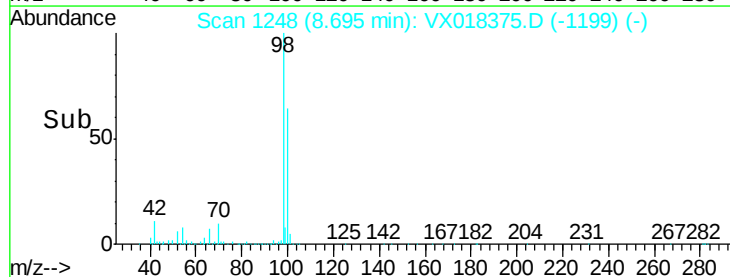
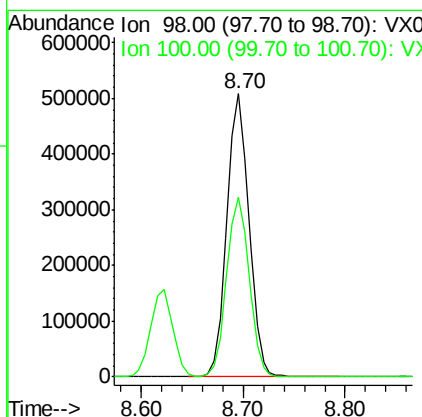
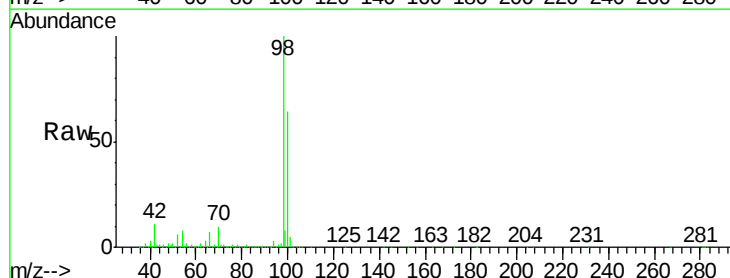
Manual Integrations
APPROVED

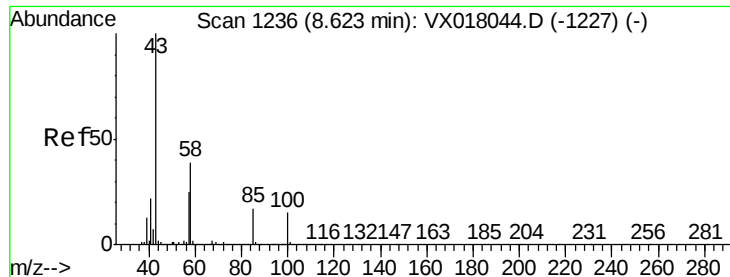
MMDadoda
9/15/2020 2:29:00 PM



#50
Toluene-d8
Concen: 50.042 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018375.D
Acq: 14 Sep 2020 10:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.2	78.4





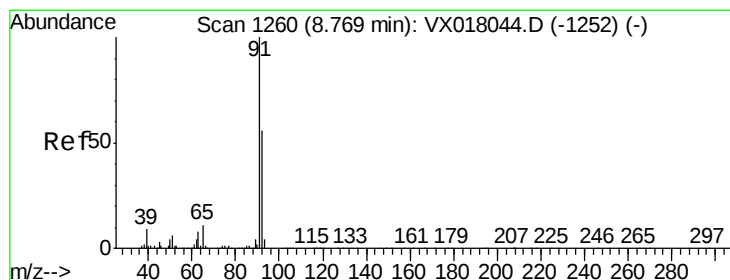
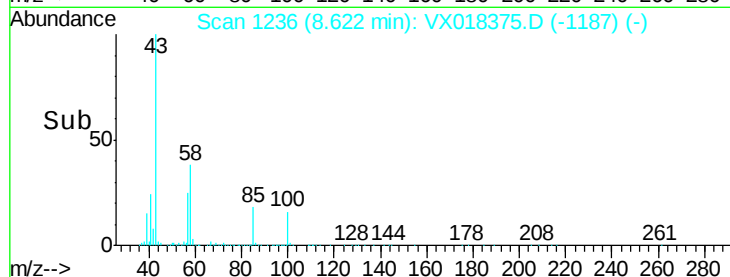
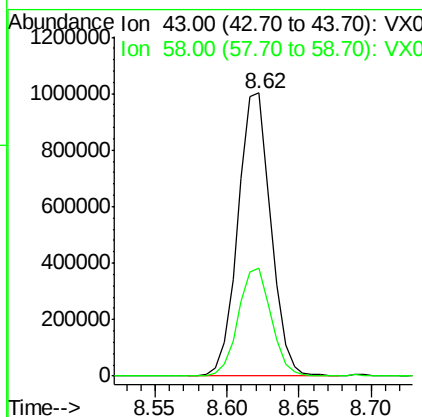
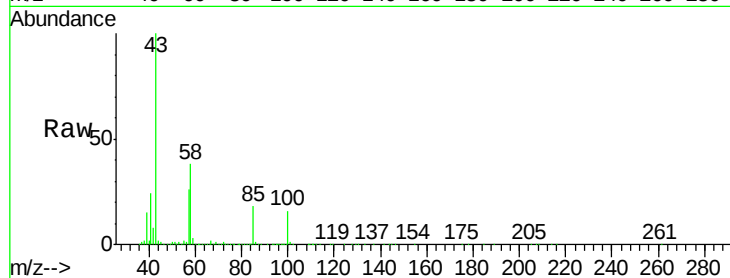
#51
4-Methyl-2-Pentanone
Concen: 246.955 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX018375.D
Acq: 14 Sep 2020 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1585657
Ion Ratio Lower Upper
43 100
58 38.0 30.7 46.1

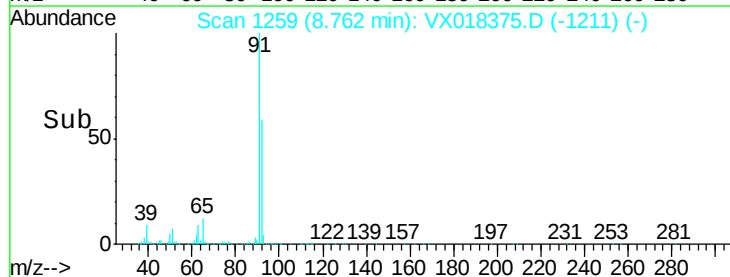
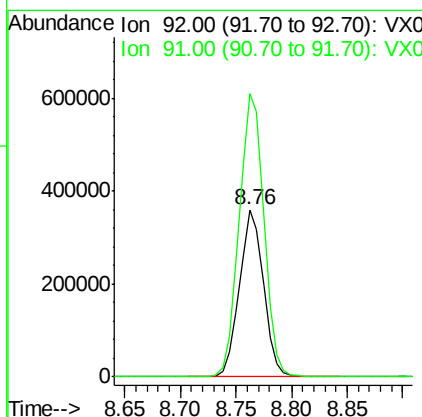
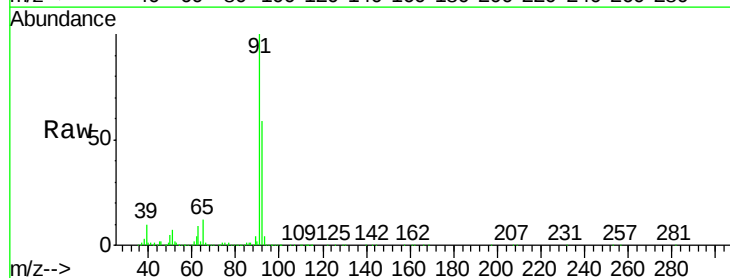
Manual Integrations
APPROVED

MMDadoda
9/15/2020 2:29:00 PM



#52
Toluene
Concen: 52.348 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX018375.D
Acq: 14 Sep 2020 10:34

Tgt Ion: 92 Resp: 540448
Ion Ratio Lower Upper
92 100
91 174.3 140.3 210.5





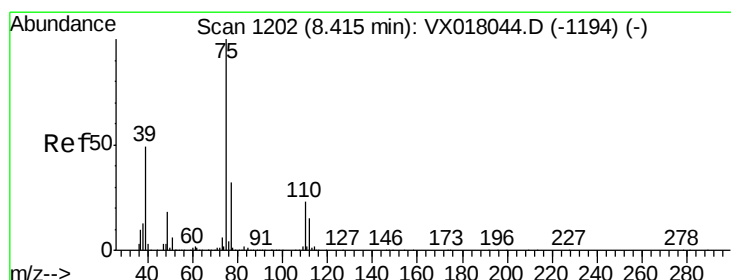
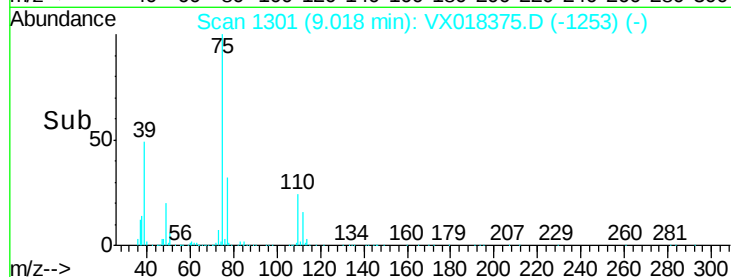
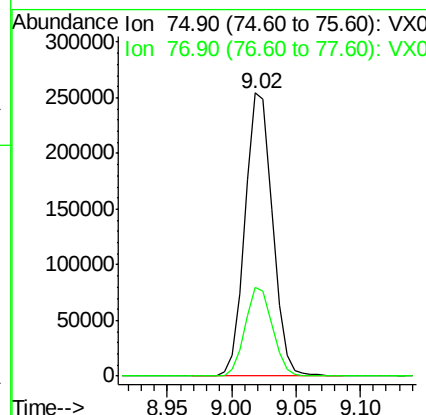
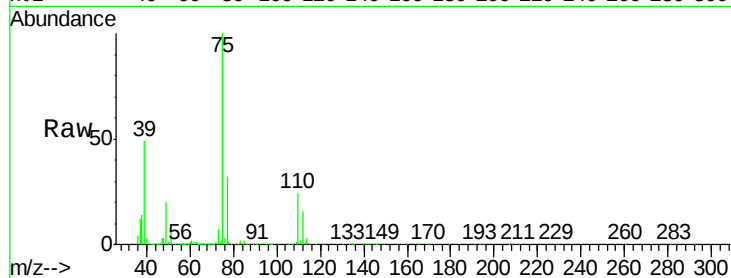
#53
t-1,3-Dichloropropene
Concen: 54.547 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX018375.D
Acq: 14 Sep 2020 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	26.6	39.8

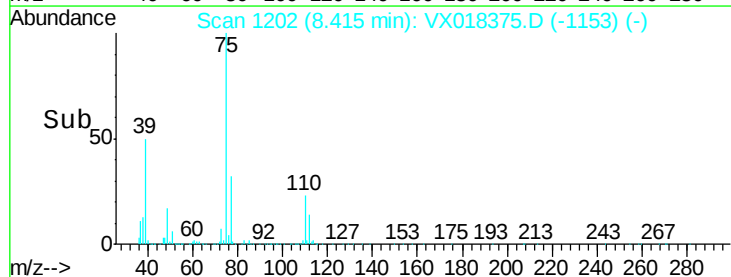
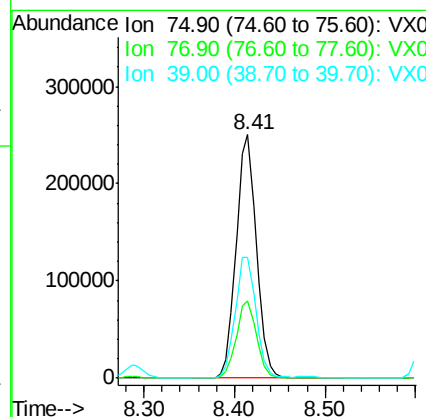
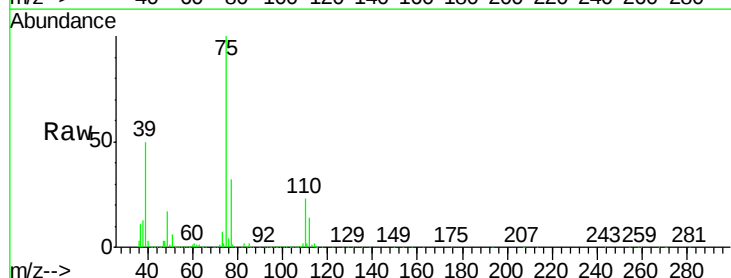
Manual Integrations
APPROVED

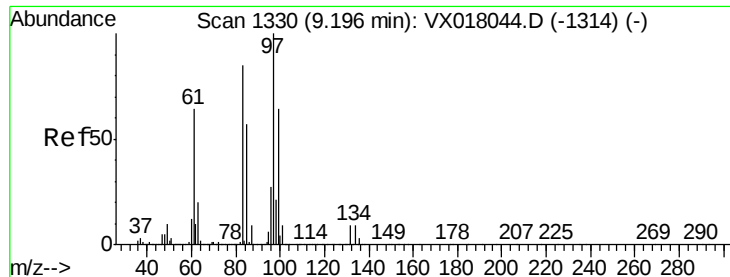
MMDadoda
9/15/2020 2:29:00 PM



#54
cis-1,3-Dichloropropene
Concen: 53.729 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018375.D
Acq: 14 Sep 2020 10:34

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.8	38.8
39	49.6	38.8	58.2





#55

1,1,2-Trichloroethane

Concen: 52.323 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018375.D

Acq: 14 Sep 2020 10:34

Instrument :

MSVOA_X

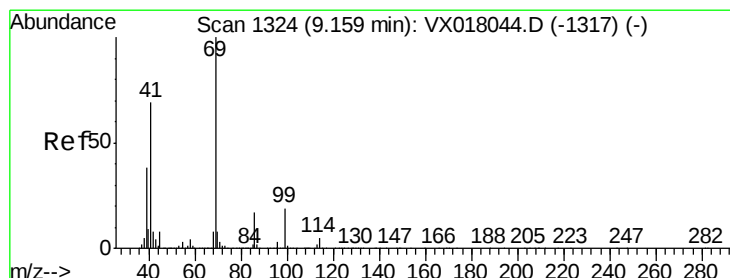
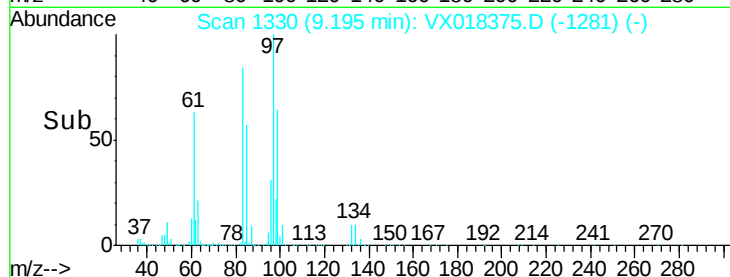
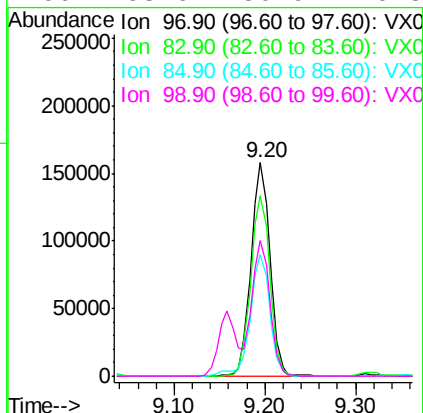
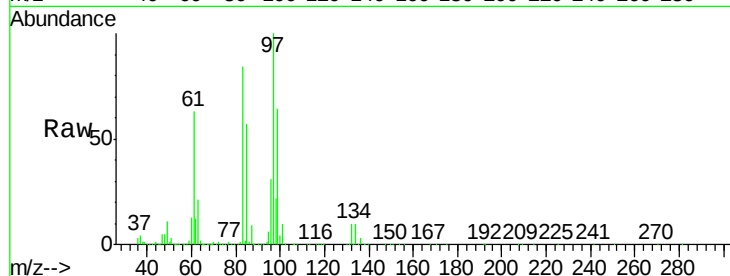
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		230387		
83	84.5	67.8	101.6		
85	56.7	45.3	67.9		
99	63.6	50.9	76.3		

Manual Integrations
APPROVED

MMDadoda
9/15/2020 2:29:00 PM



#56

Ethyl methacrylate

Concen: 51.100 ug/l

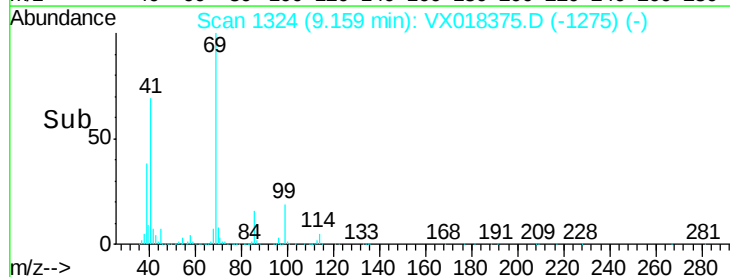
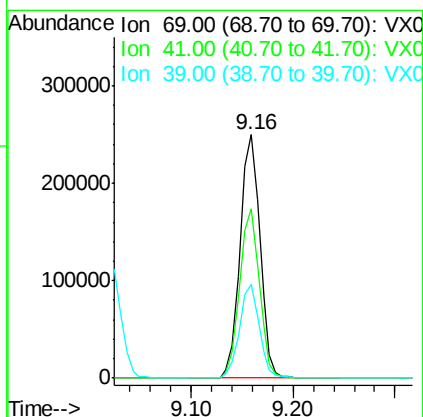
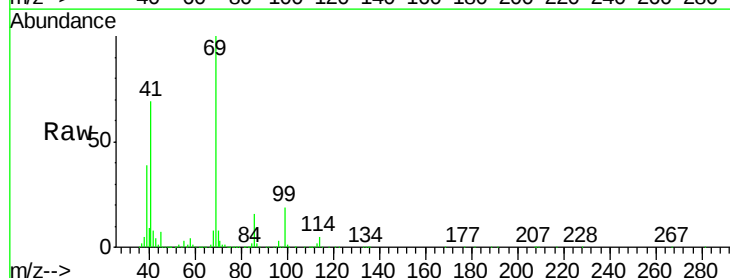
RT: 9.16 min Scan# 1324

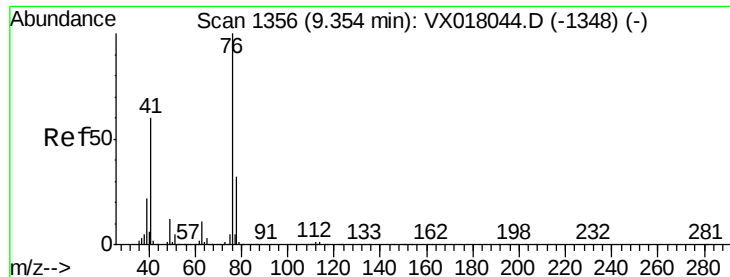
Delta R.T. -0.00 min

Lab File: VX018375.D

Acq: 14 Sep 2020 10:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		334489		
41	68.8	54.6	81.8		
39	38.3	29.1	43.7		





#57

1,3-Dichloropropane

Concen: 51.553 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018375.D

Acq: 14 Sep 2020 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 374396

Ion Ratio Lower Upper

76 100

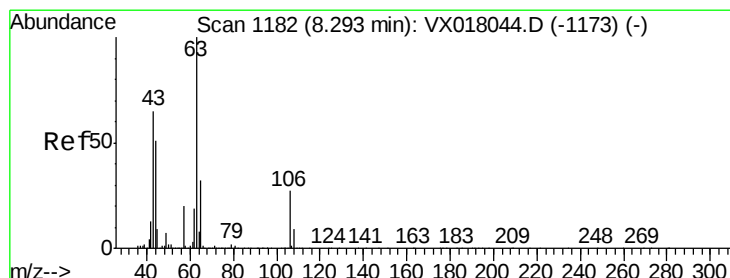
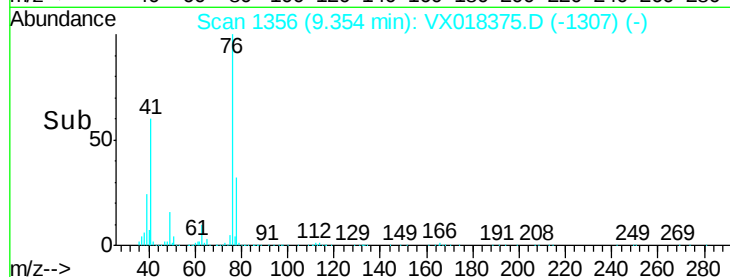
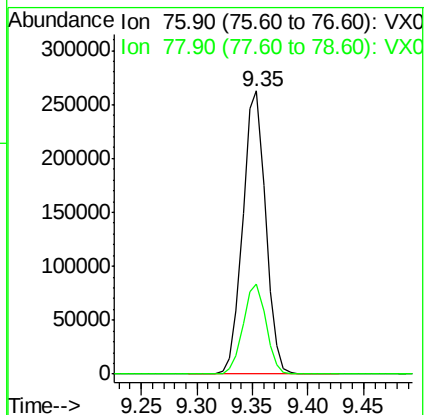
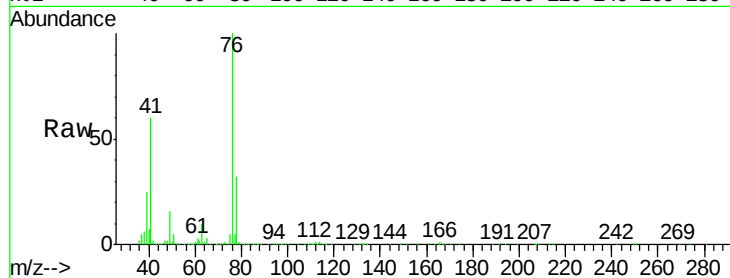
78 31.9 25.8 38.6

Manual Integrations

APPROVED

MMDadoda

9/15/2020 2:29:00 PM



#58

2-Chloroethyl Vinyl ether

Concen: 280.438 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018375.D

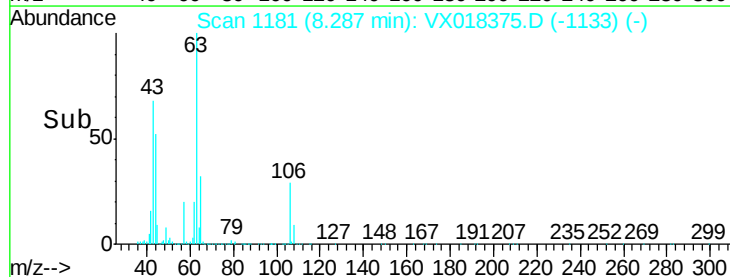
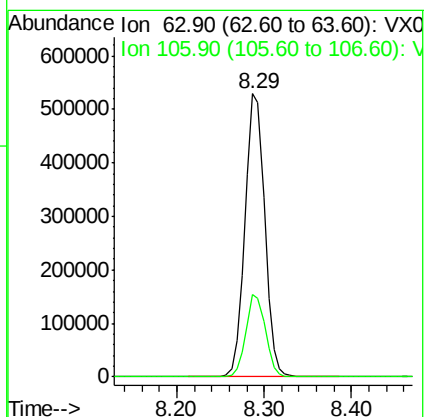
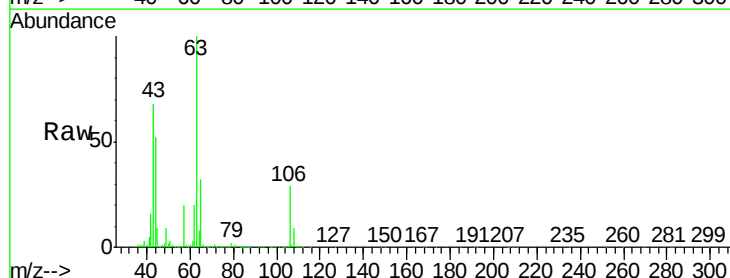
Acq: 14 Sep 2020 10:34

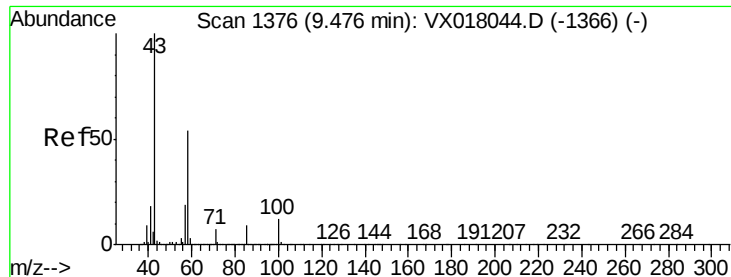
Tgt Ion: 63 Resp: 825775

Ion Ratio Lower Upper

63 100

106 28.9 22.1 33.1





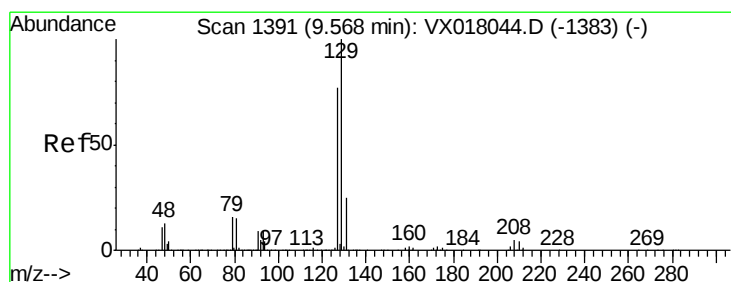
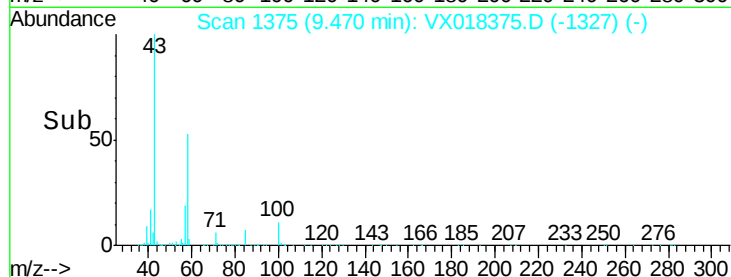
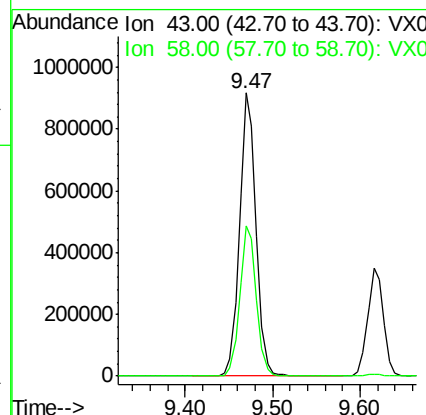
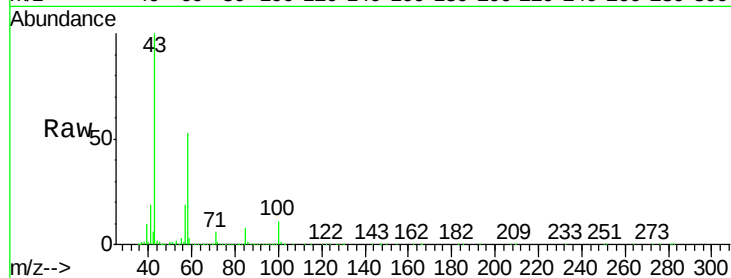
#59
2-Hexanone
Concen: 247.758 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018375.D
Acq: 14 Sep 2020 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1209630
Ion Ratio Lower Upper
43 100
58 53.1 26.6 79.7

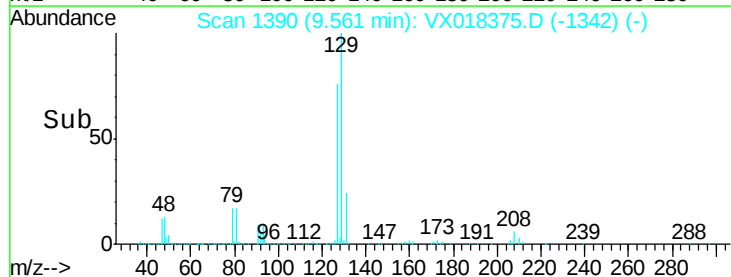
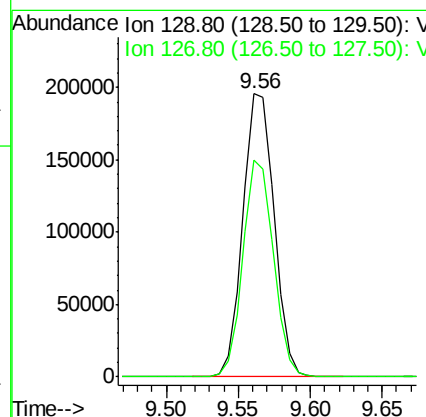
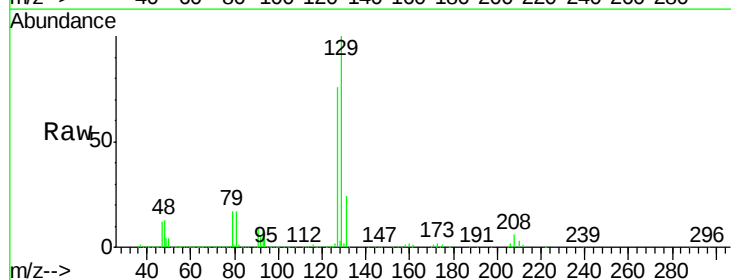
Manual Integrations
APPROVED

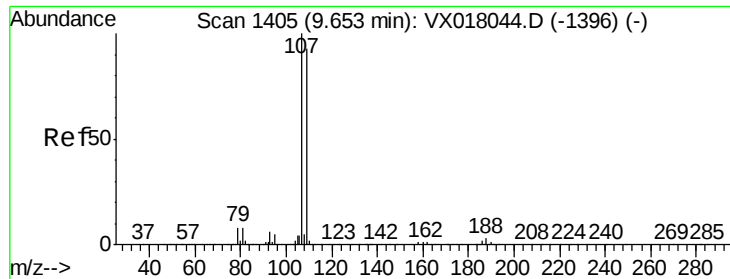
MMDadoda
9/15/2020 2:29:00 PM



#60
Dibromochloromethane
Concen: 57.209 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018375.D
Acq: 14 Sep 2020 10:34

Tgt Ion:129 Resp: 295502
Ion Ratio Lower Upper
129 100
127 74.6 38.9 116.6





#61

1,2-Dibromoethane

Concen: 51.821 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018375.D

Acq: 14 Sep 2020 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 247722

Ion Ratio Lower Upper

107 100

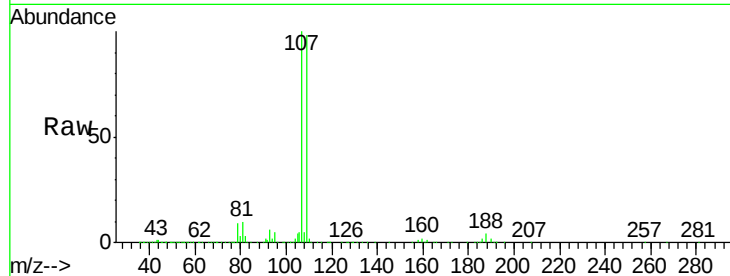
109 96.0 75.9 113.9

Manual Integrations

APPROVED

MMDadoda

9/15/2020 2:29:00 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

200000

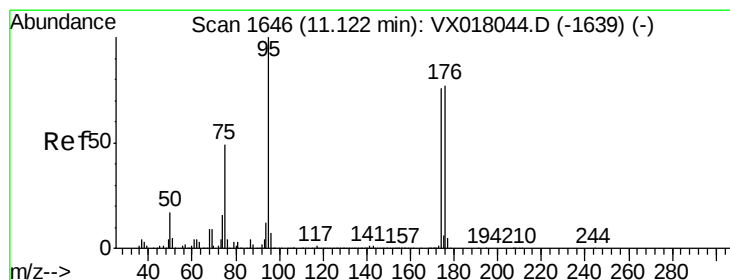
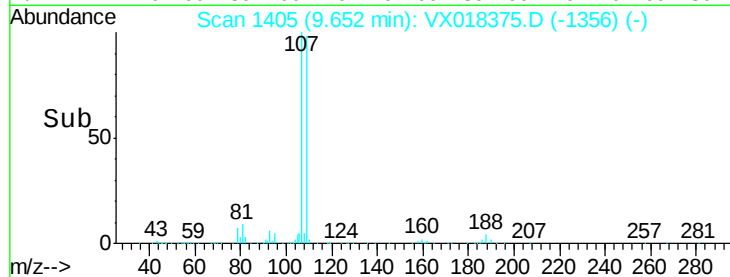
150000

100000

50000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 51.474 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018375.D

Acq: 14 Sep 2020 10:34

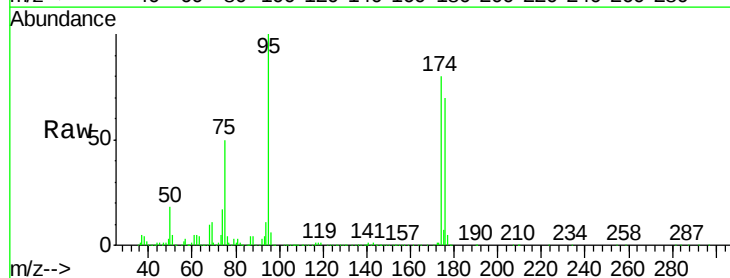
Tgt Ion: 95 Resp: 308613

Ion Ratio Lower Upper

95 100

174 79.5 0.0 160.2

176 76.7 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

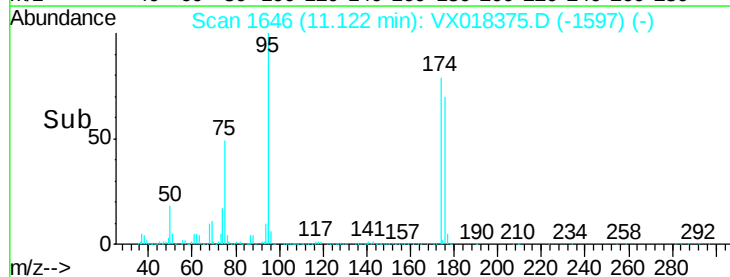
300000

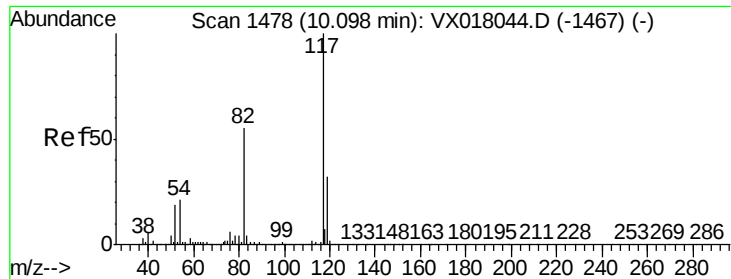
200000

100000

0

Time--> 11.00 11.10 11.20





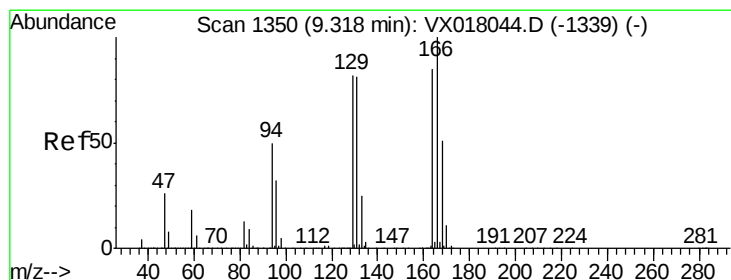
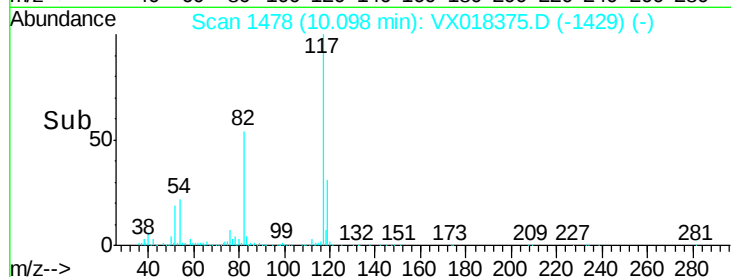
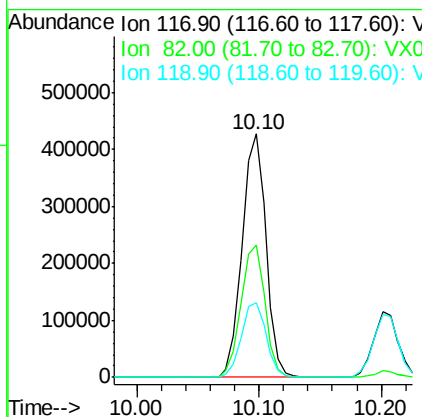
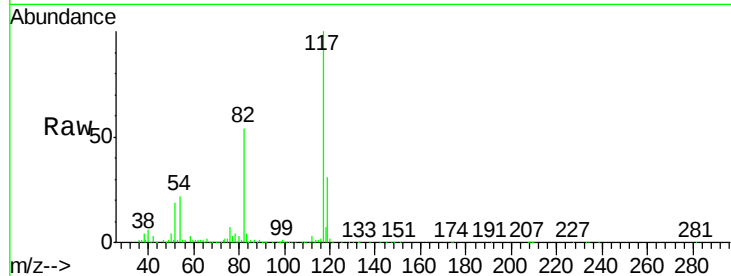
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018375.D
Acq: 14 Sep 2020 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	576053		
82	54.4		44.2	66.2
119	30.8		25.7	38.5

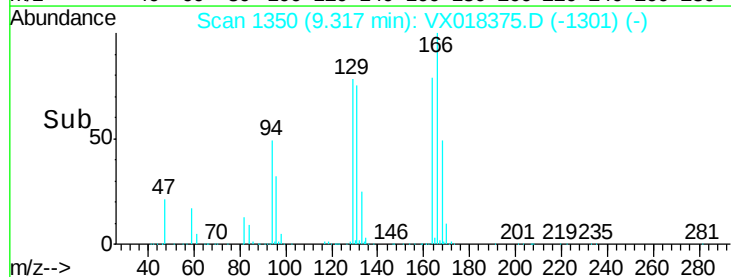
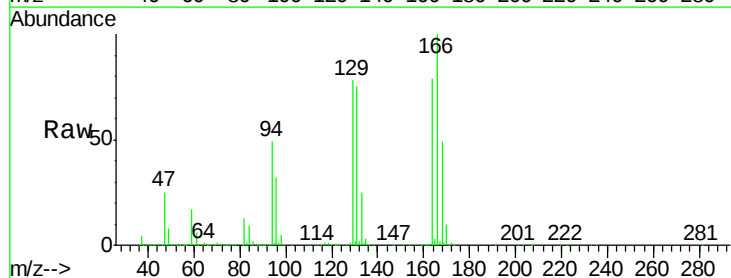
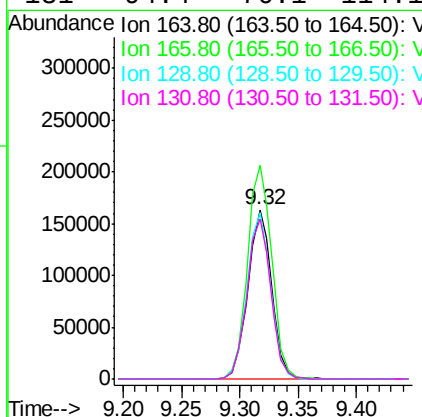
Manual Integrations
APPROVED

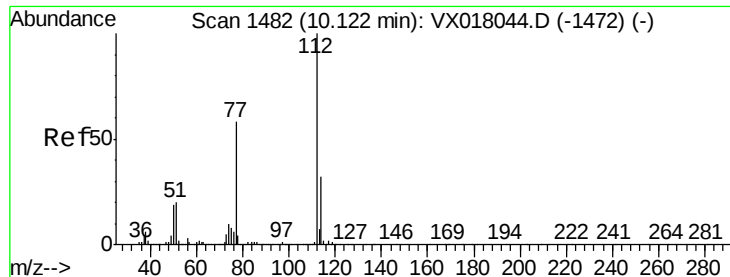
MMDadoda
9/15/2020 2:29:00 PM



#64
Tetrachloroethene
Concen: 54.779 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018375.D
Acq: 14 Sep 2020 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	231890		
166	126.2		94.2	141.2
129	98.1		76.9	115.3
131	94.4		76.1	114.1





#65

Chlorobenzene

Concen: 52.069 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018375.D

Acq: 14 Sep 2020 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 599050

Ion Ratio Lower Upper

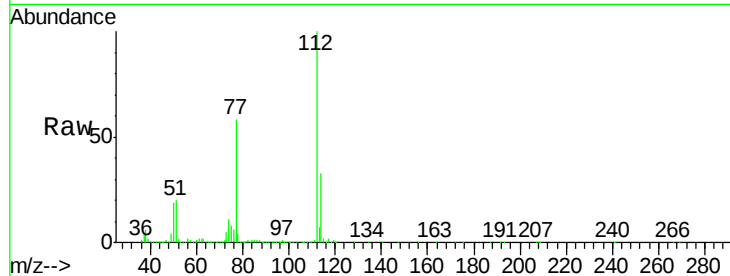
112 100

114 33.5 25.7 38.5

Manual Integrations
APPROVED

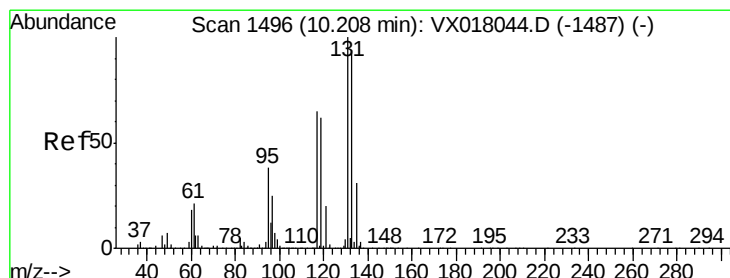
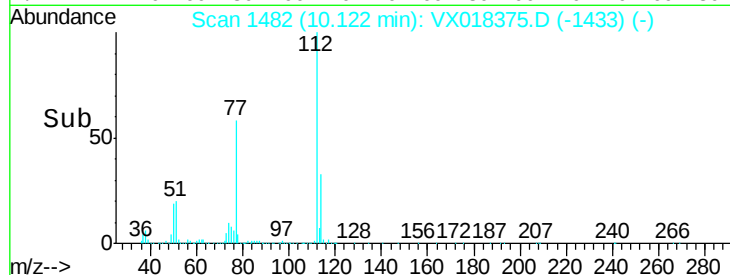
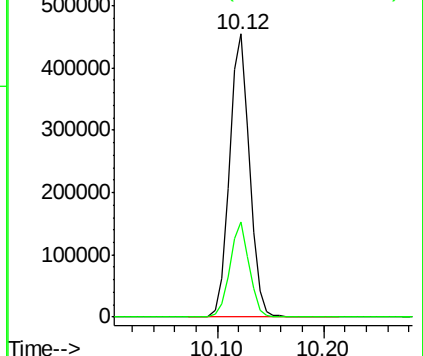
MMDadoda

9/15/2020 2:29:00 PM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 55.265 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX018375.D

Acq: 14 Sep 2020 10:34

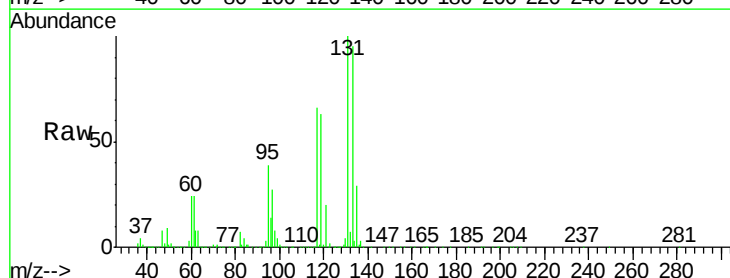
Tgt Ion:131 Resp: 250600

Ion Ratio Lower Upper

131 100

133 94.7 46.7 140.1

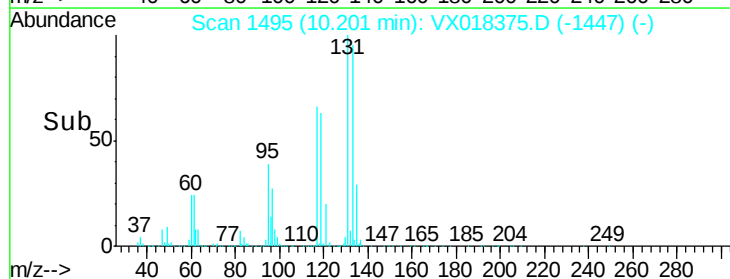
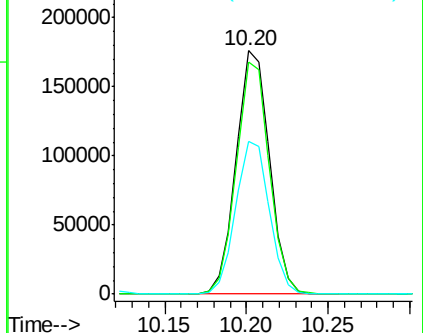
119 63.5 31.8 95.4

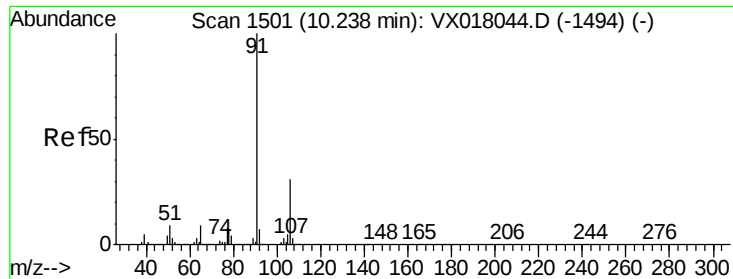


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 54.164 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX018375.D

Acq: 14 Sep 2020 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1059748

Ion Ratio Lower Upper

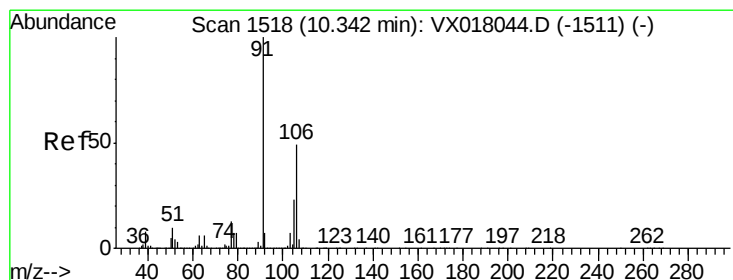
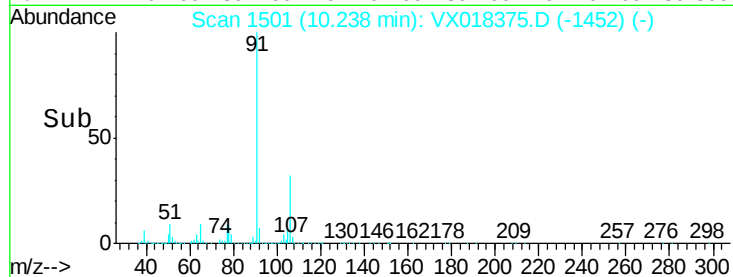
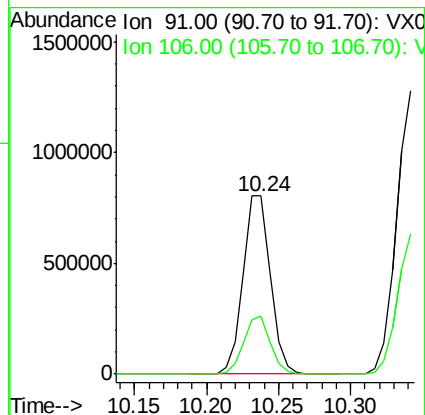
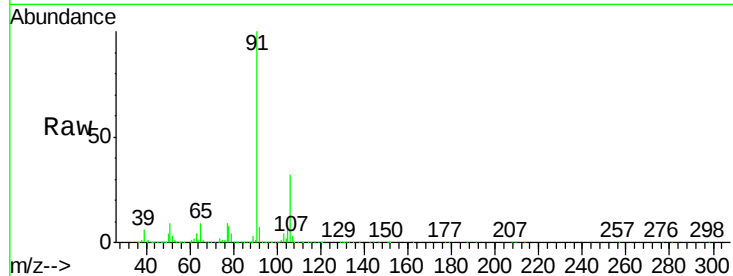
91 100

106 32.3 24.9 37.3

Manual Integrations
APPROVED

MMDadoda

9/15/2020 2:29:00 PM



#68

m/p-Xylenes

Concen: 112.272 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018375.D

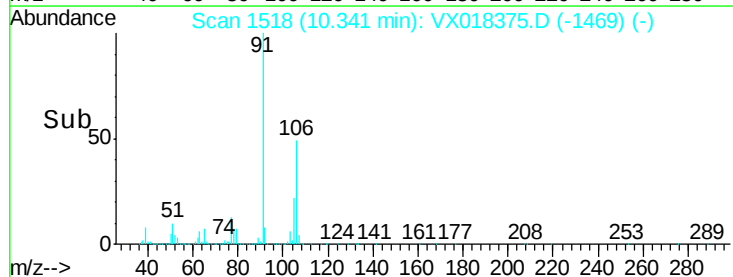
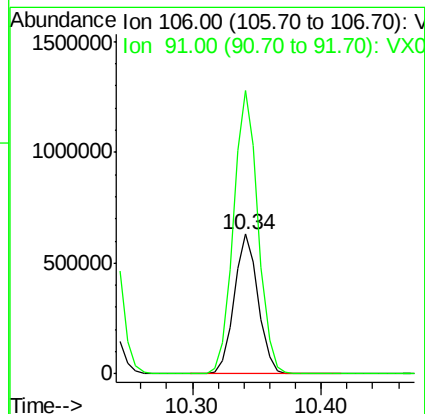
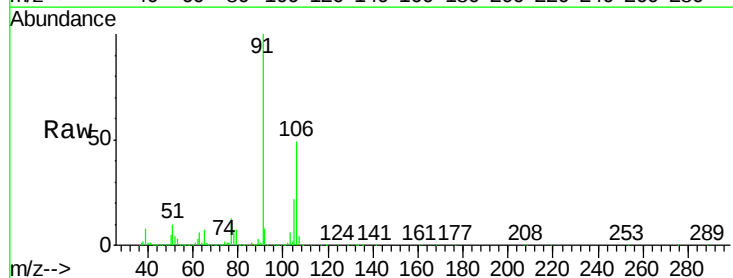
Acq: 14 Sep 2020 10:34

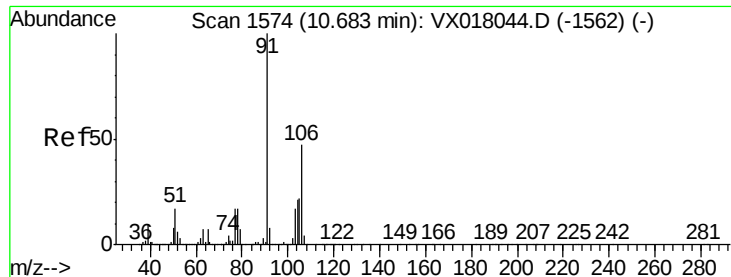
Tgt Ion: 106 Resp: 819889

Ion Ratio Lower Upper

106 100

91 206.7 162.2 243.2





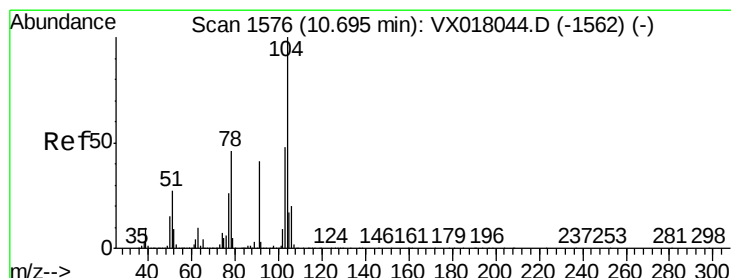
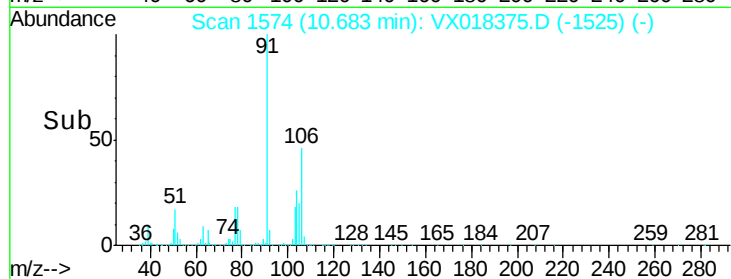
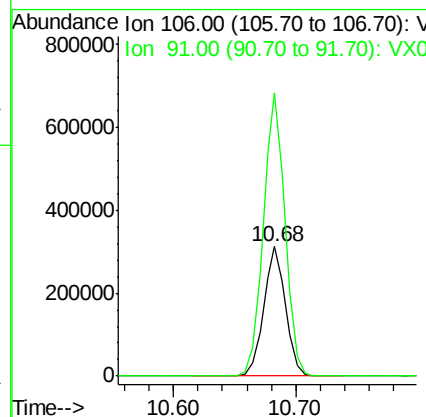
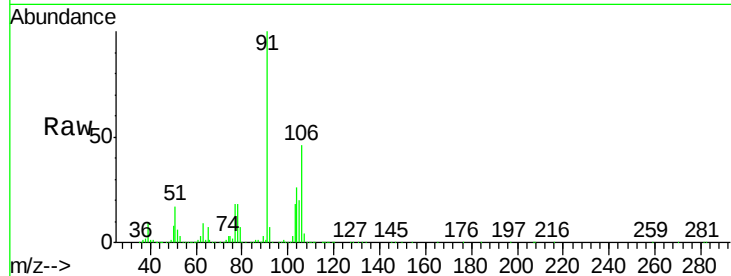
#69
o-Xylene
Concen: 54.531 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018375.D
Acq: 14 Sep 2020 10:34

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
386034	106	100		
	91	219.0	107.1	321.3

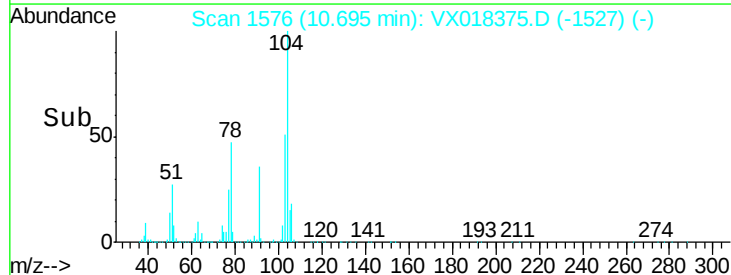
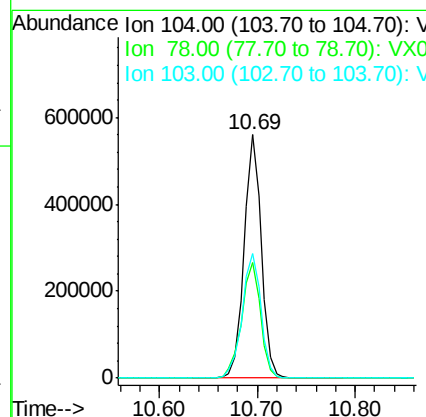
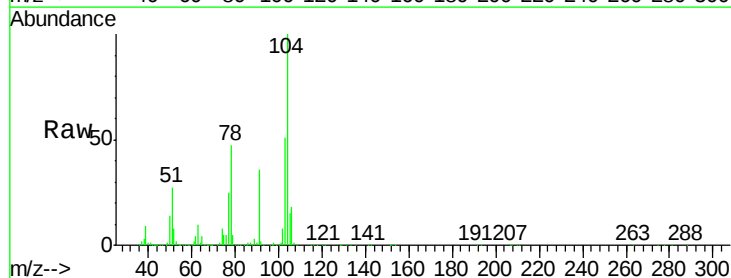
Manual Integrations
APPROVED

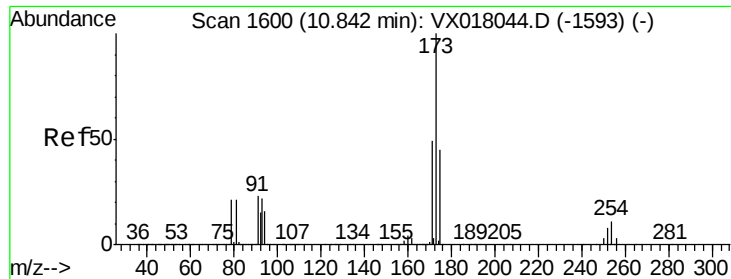
MMDadoda
9/15/2020 2:29:00 PM



#70
Styrene
Concen: 56.584 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018375.D
Acq: 14 Sep 2020 10:34

Tgt Ion	Ion	Ratio	Lower	Upper
682170	104	100		
	78	52.5	40.9	61.3
	103	56.4	43.6	65.4





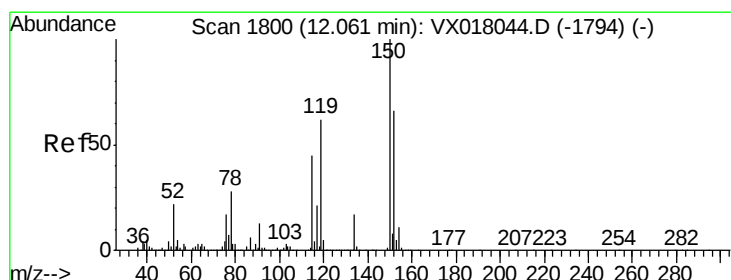
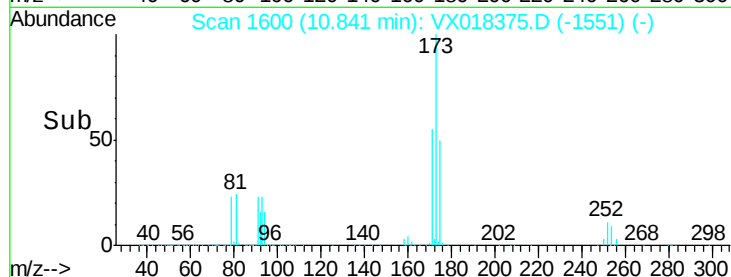
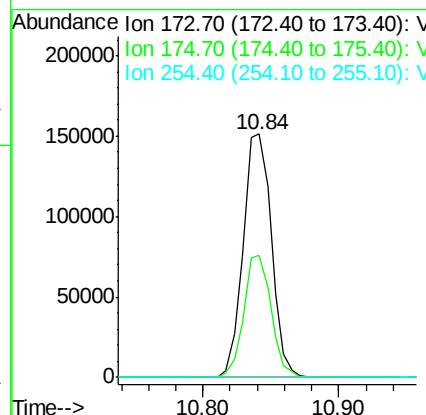
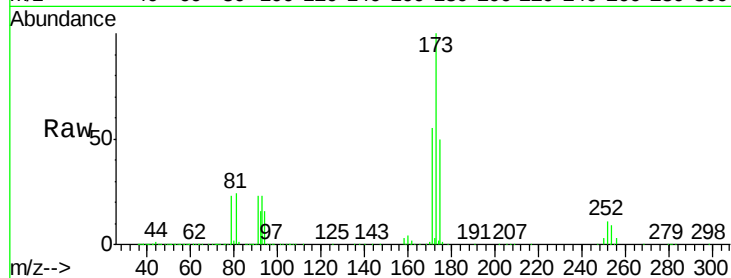
#71
Bromoform
Concen: 56.663 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX018375.D
Acq: 14 Sep 2020 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
173	100	219158		
175	48.6	23.9	71.8	
254	0.1	0.2	0.2#	

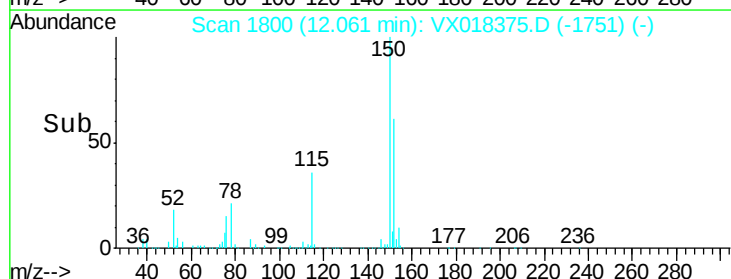
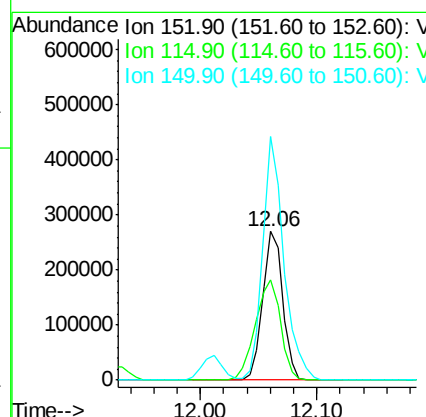
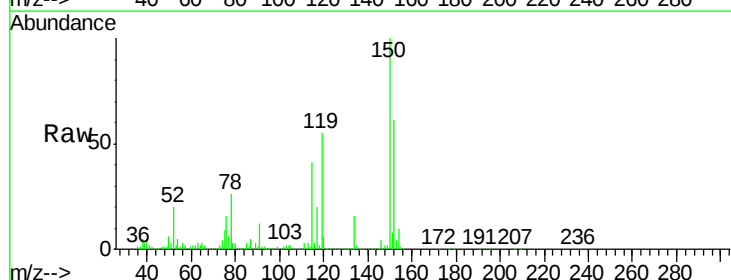
Manual Integrations
APPROVED

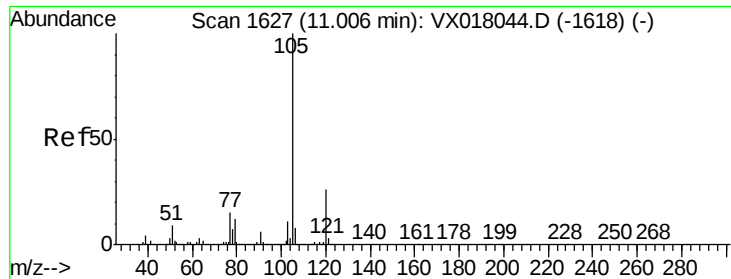
MMDadoda
9/15/2020 2:29:00 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018375.D
Acq: 14 Sep 2020 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	326460		
115	83.9	41.5	124.5	
150	172.4	0.0	343.8	





#73

Isopropylbenzene

Concen: 50.350 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018375.D

Acq: 14 Sep 2020 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1084220

Ion Ratio Lower Upper

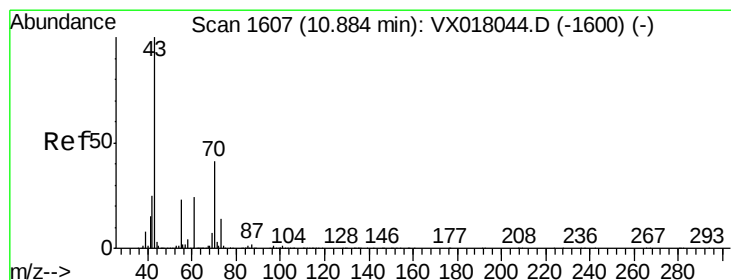
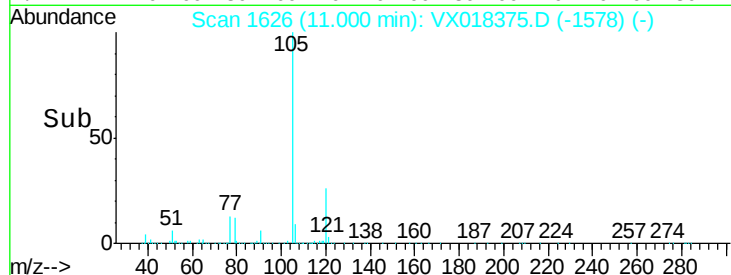
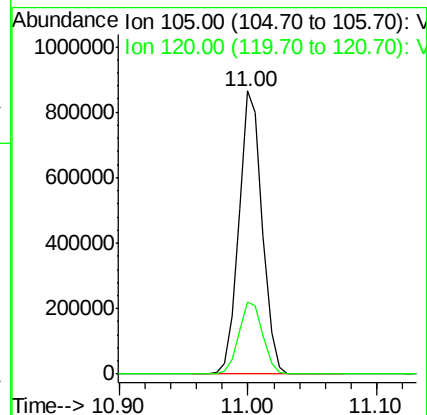
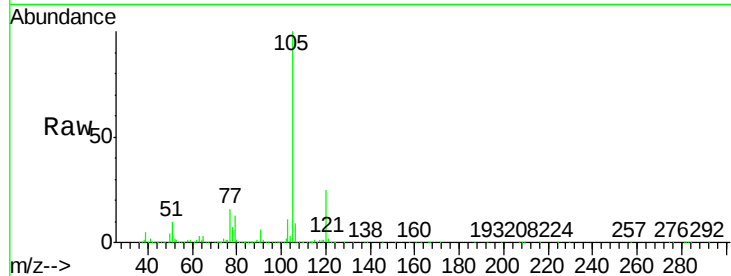
105 100

120 26.3 13.2 39.5

Manual Integrations
APPROVED

MMDadoda

9/15/2020 2:29:00 PM



#74

N-ethyl acetate

Concen: 44.724 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018375.D

Acq: 14 Sep 2020 10:34

Tgt Ion: 43 Resp: 456949

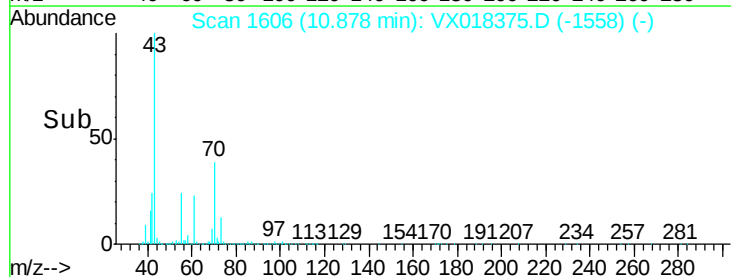
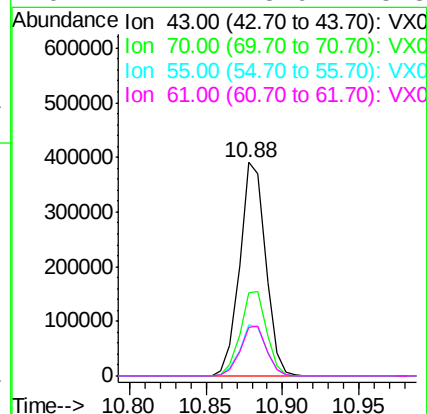
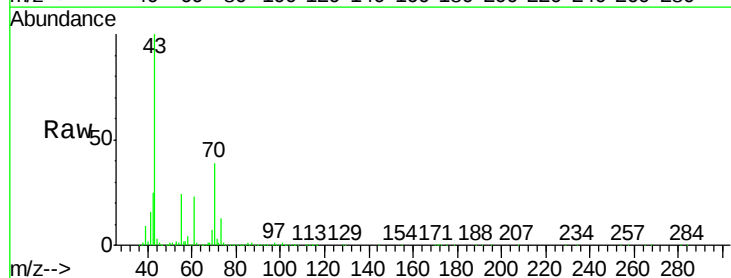
Ion Ratio Lower Upper

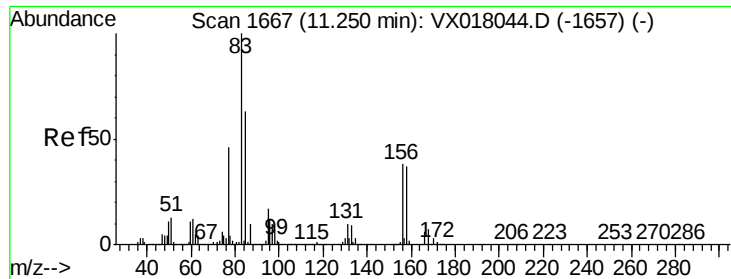
43 100

70 40.3 32.3 48.5

55 24.3 18.2 27.2

61 24.1 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 44.668 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018375.D

Acq: 14 Sep 2020 10:34

Instrument :

MSVOA_X

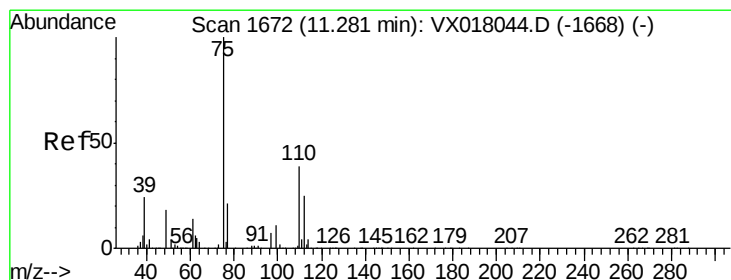
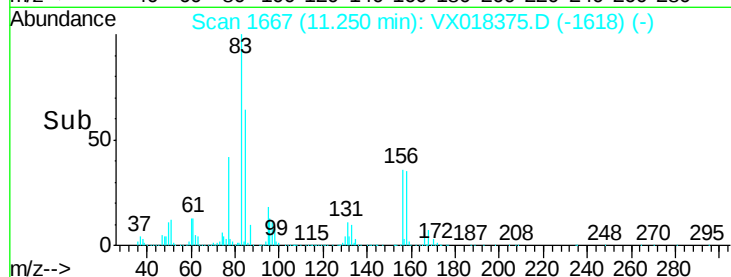
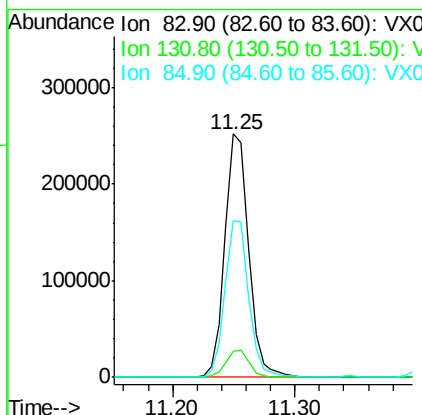
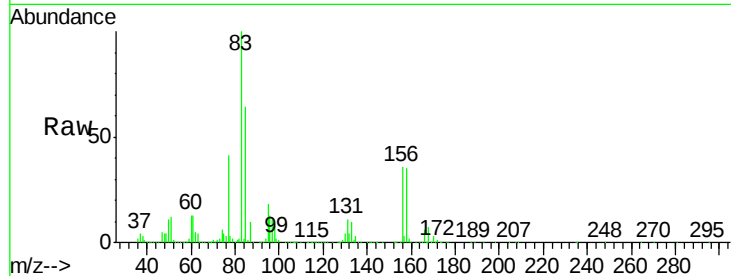
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	339311
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.1	15.4
85	64.5	32.2	96.6

Manual Integrations
APPROVED

MMDadoda
9/15/2020 2:29:00 PM



#76

1,2,3-Trichloropropane

Concen: 45.581 ug/l m

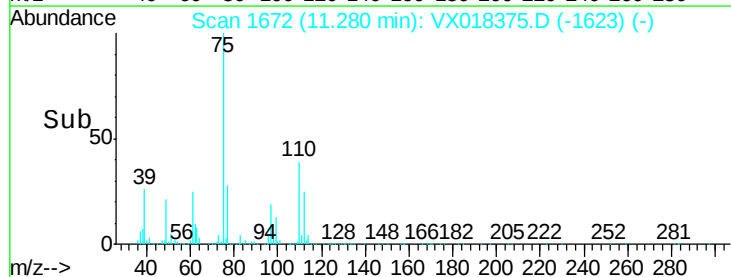
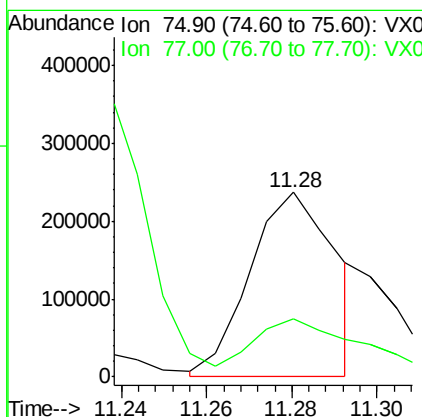
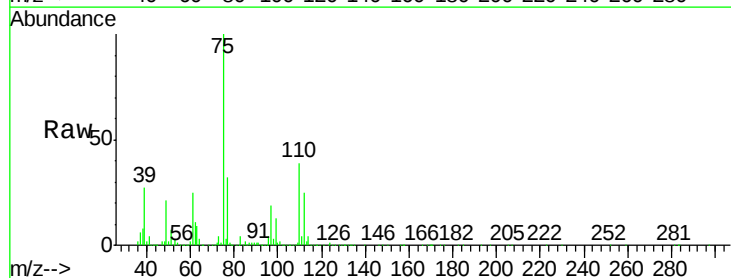
RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018375.D

Acq: 14 Sep 2020 10:34

Tgt Ion:	75	Resp:	331018
Ion Ratio	Lower	Upper	
75	100		
77	39.6	20.8	62.2





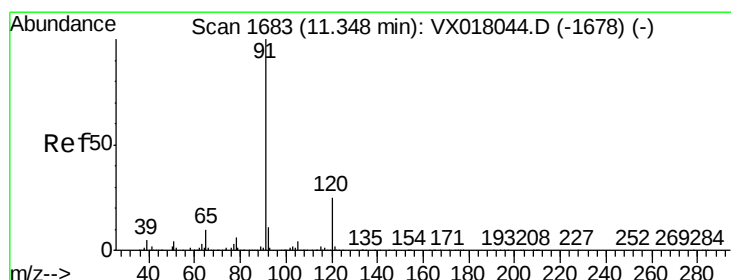
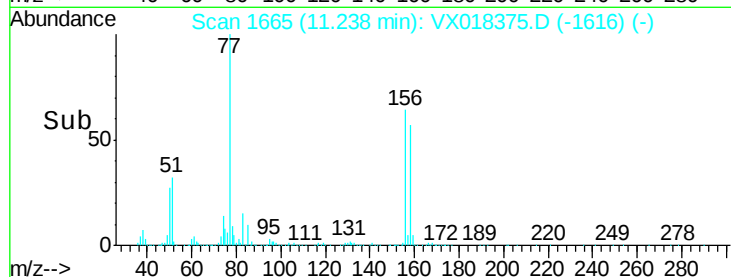
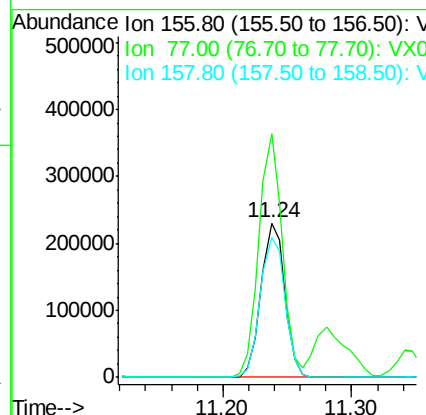
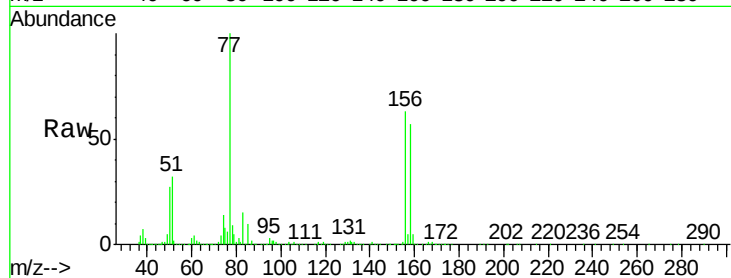
#77
Bromobenzene
Concen: 48.845 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX018375.D
Acq: 14 Sep 2020 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	155.8	80.0	240.2
158	94.8	49.5	148.7

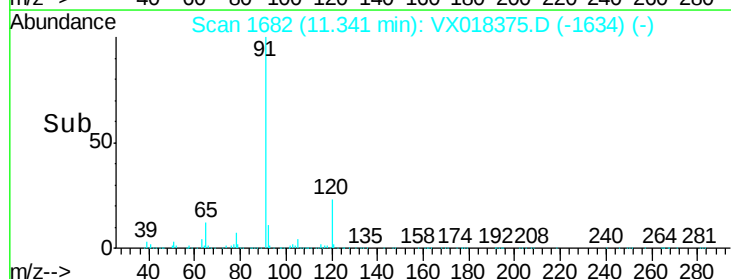
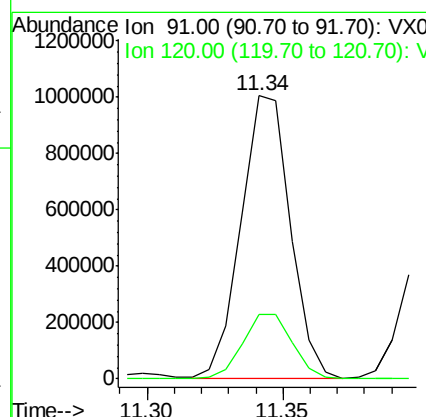
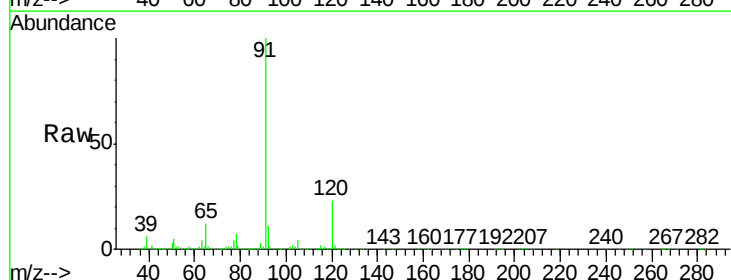
Manual Integrations
APPROVED

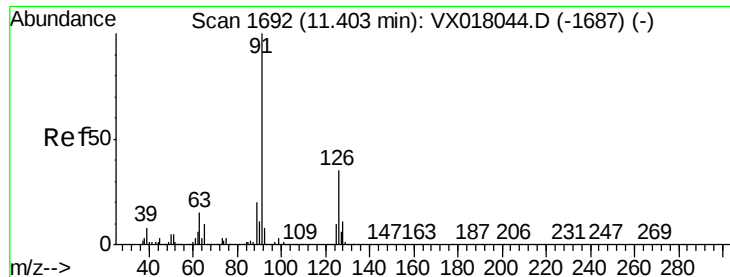
MMDadoda
9/15/2020 2:29:00 PM



#78
n-propylbenzene
Concen: 51.212 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VX018375.D
Acq: 14 Sep 2020 10:34

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.9	35.9





#79

2-Chlorotoluene

Concen: 50.565 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018375.D

Acq: 14 Sep 2020 10:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 763839

Ion Ratio Lower Upper

91 100

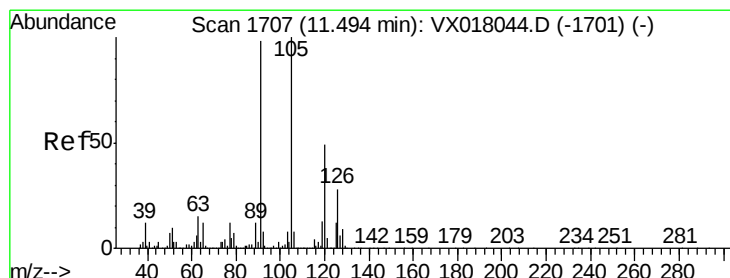
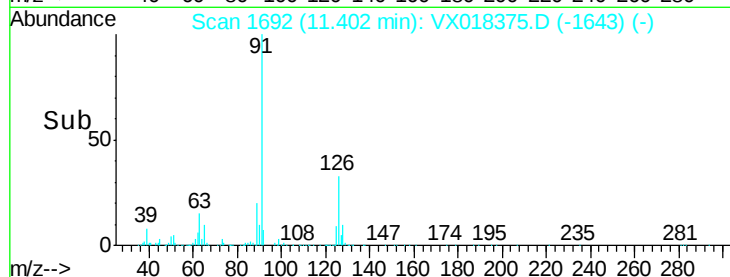
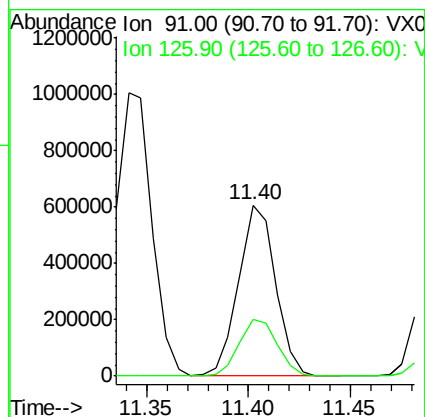
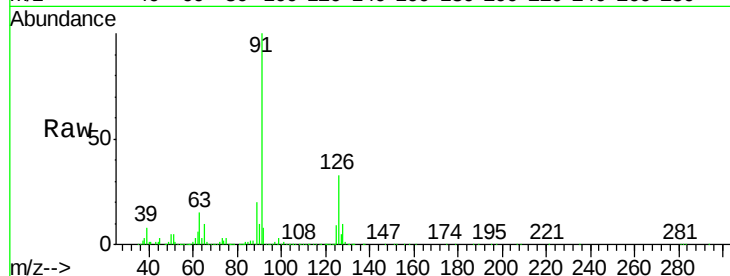
126 34.6 17.4 52.2

Manual Integrations

APPROVED

MMDadoda

9/15/2020 2:29:00 PM



#80

1,3,5-Trimethylbenzene

Concen: 53.410 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018375.D

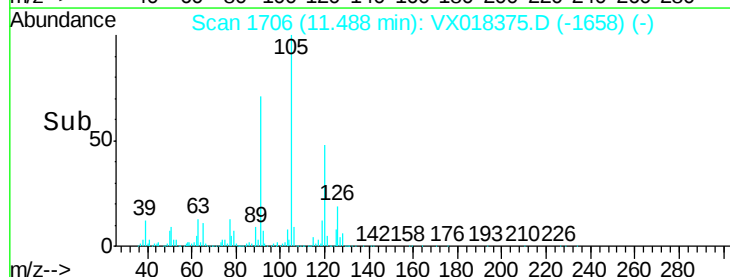
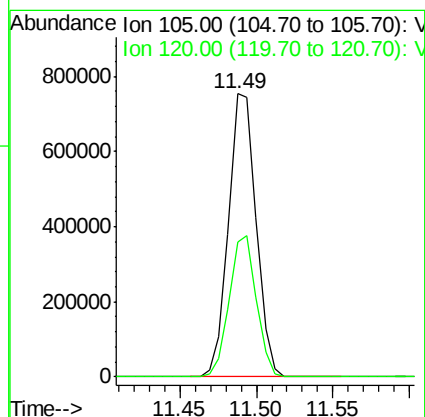
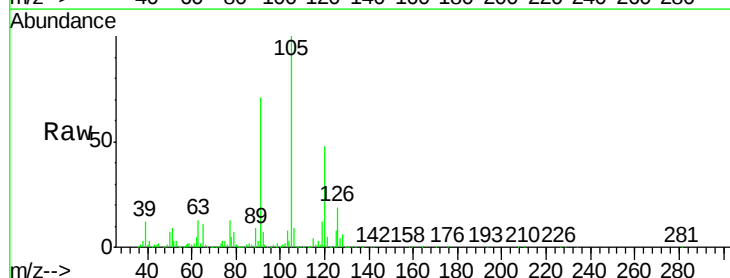
Acq: 14 Sep 2020 10:34

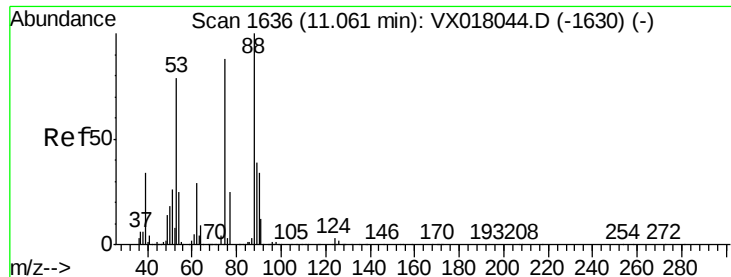
Tgt Ion: 105 Resp: 945116

Ion Ratio Lower Upper

105 100

120 49.1 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 47.348 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX018375.D

Acq: 14 Sep 2020 10:34

Instrument :

MSVOA_X

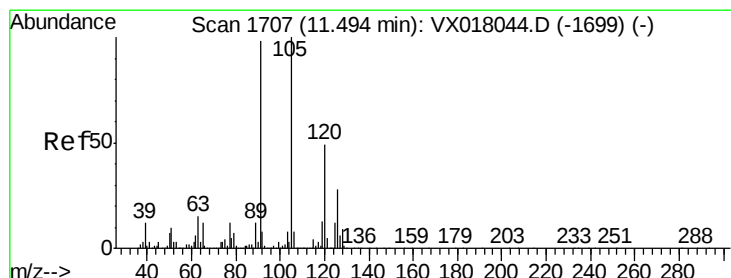
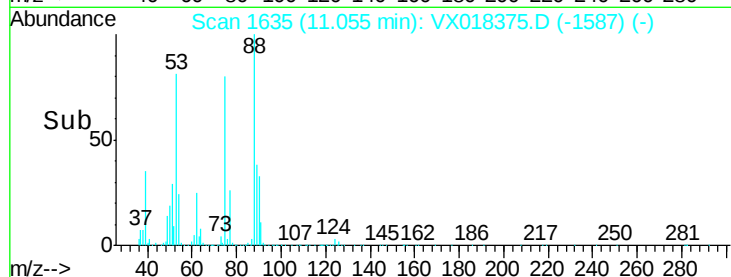
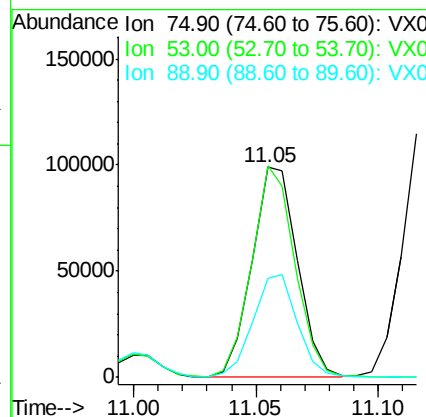
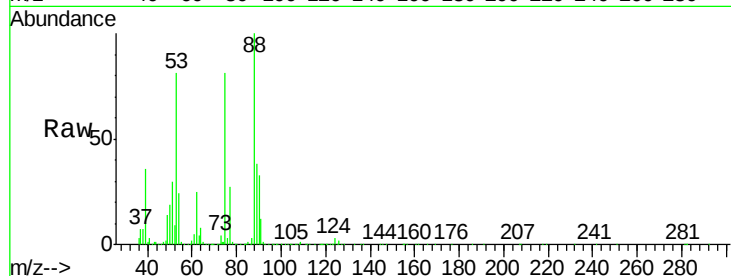
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	127313
Ion Ratio	Lower	Upper	
75	100		
53	95.7	74.7	112.1
89	47.9	36.6	54.8

Manual Integrations
APPROVED

MMDadoda
9/15/2020 2:29:00 PM



#82

4-Chlorotoluene

Concen: 50.829 ug/l

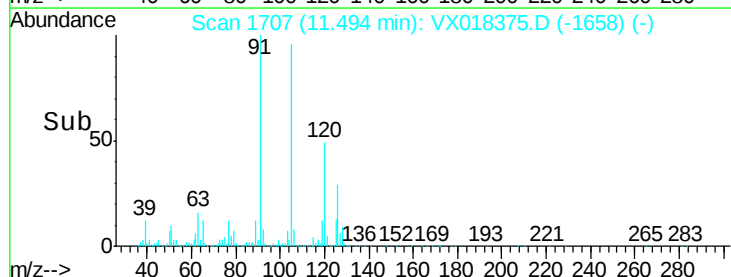
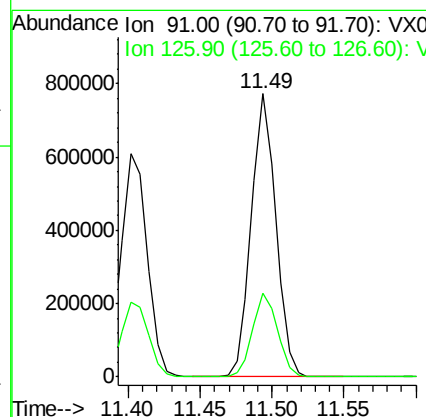
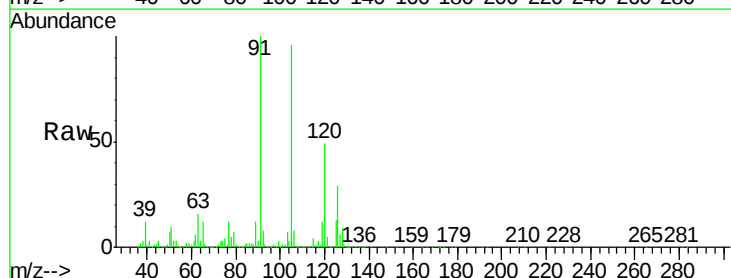
RT: 11.49 min Scan# 1707

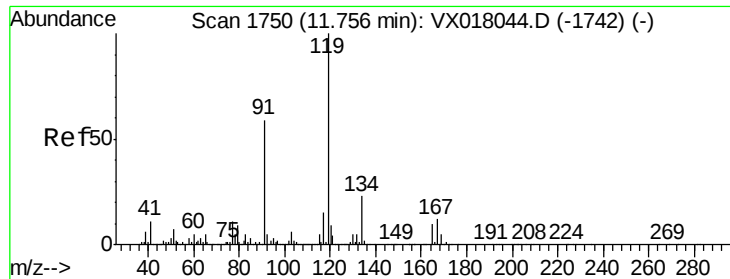
Delta R.T. -0.00 min

Lab File: VX018375.D

Acq: 14 Sep 2020 10:34

Tgt Ion:	91	Resp:	912796
Ion Ratio	Lower	Upper	
91	100		
126	30.1	15.1	45.3





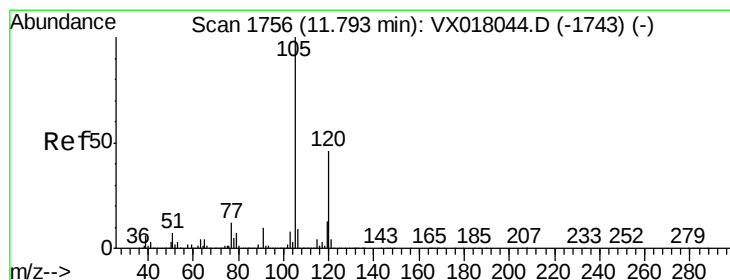
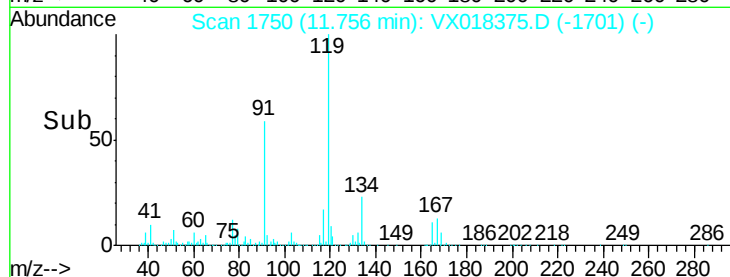
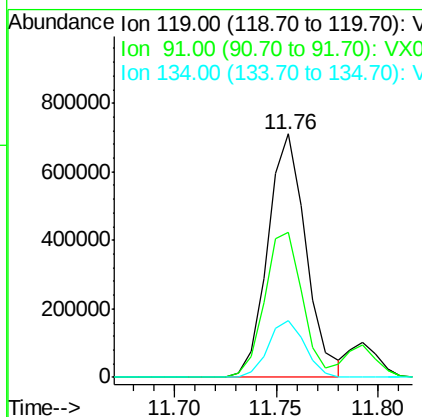
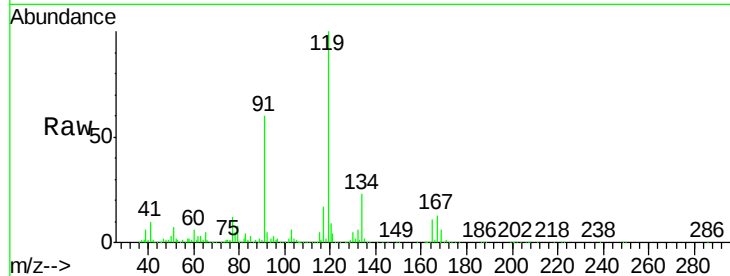
#83
tert-Butylbenzene
Concen: 53.015 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX018375.D
Acq: 14 Sep 2020 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	925804		
91	58.6	28.2	84.7	
134	22.7	11.3	33.8	

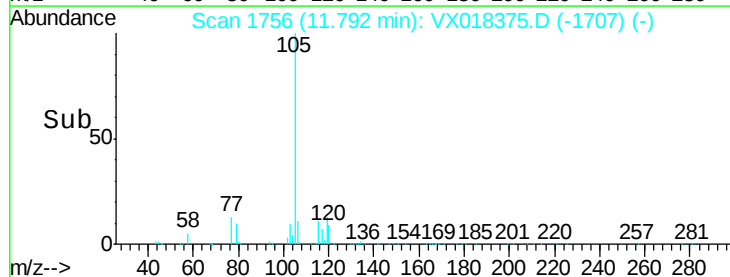
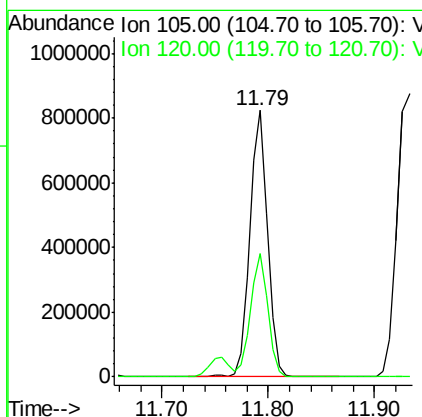
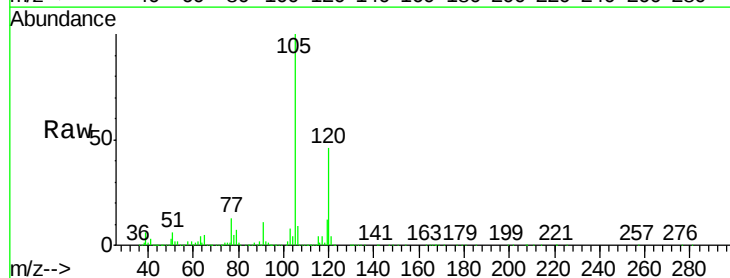
Manual Integrations
APPROVED

MMDadoda
9/15/2020 2:29:00 PM



#84
1,2,4-Trimethylbenzene
Concen: 53.274 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX018375.D
Acq: 14 Sep 2020 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	963806		
120	45.2	22.3	66.9	





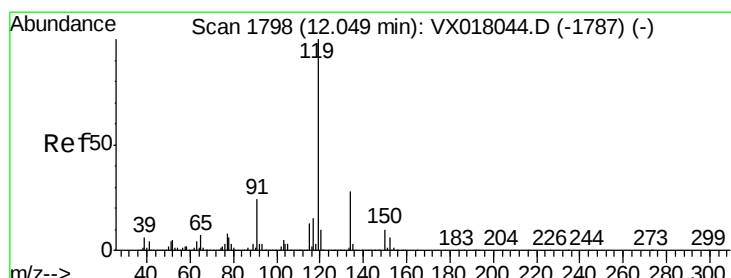
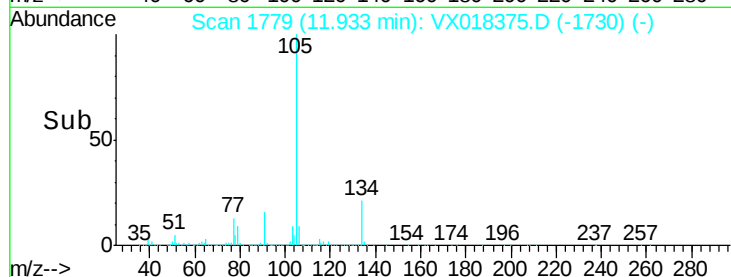
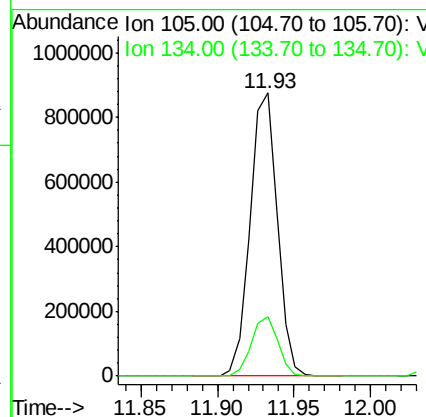
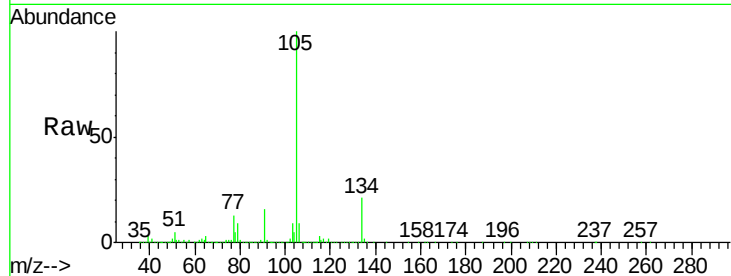
#85
 sec-Butylbenzene
 Concen: 54.364 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018375.D
 Acq: 14 Sep 2020 10:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.7	10.1	30.3

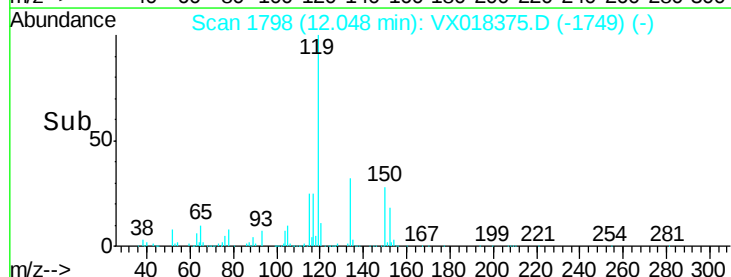
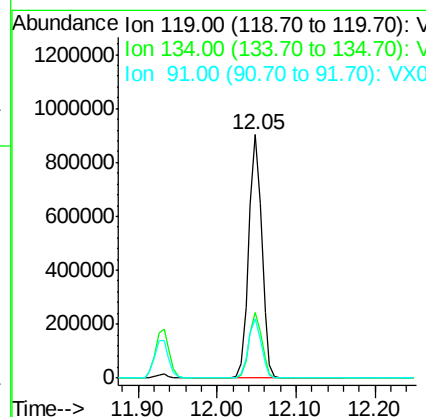
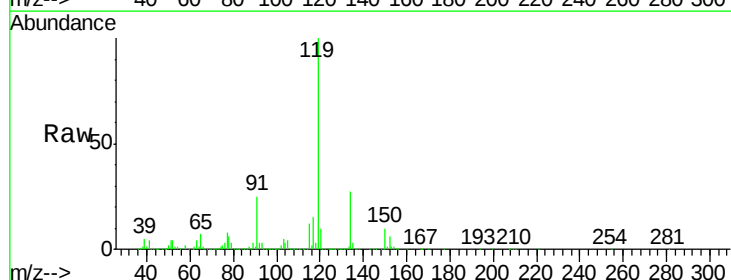
Manual Integrations
 APPROVED

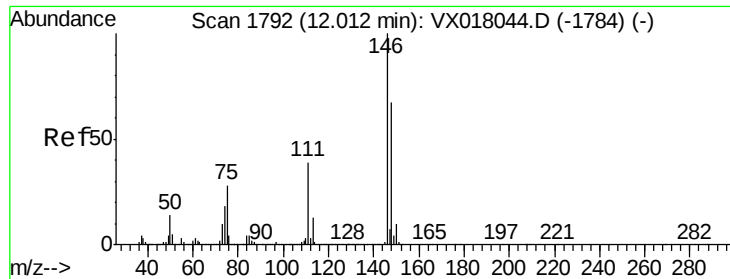
MMDadoda
 9/15/2020 2:29:00 PM



#86
 p-Isopropyltoluene
 Concen: 56.471 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018375.D
 Acq: 14 Sep 2020 10:34

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.2	39.5
91	24.5	11.8	35.4





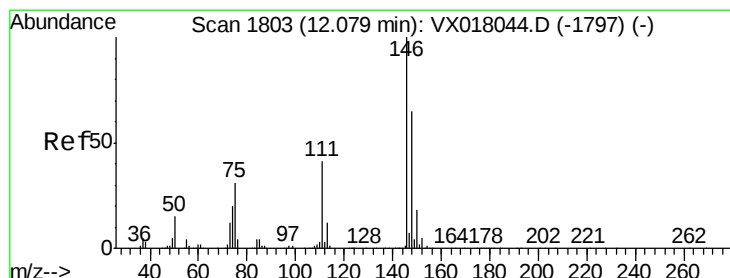
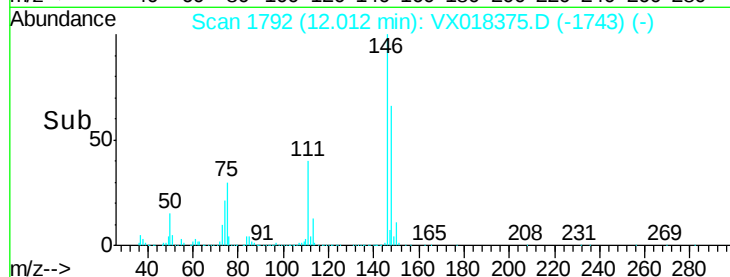
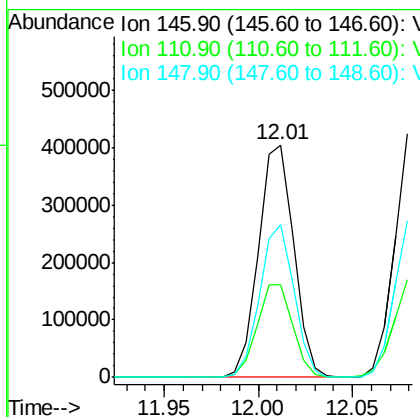
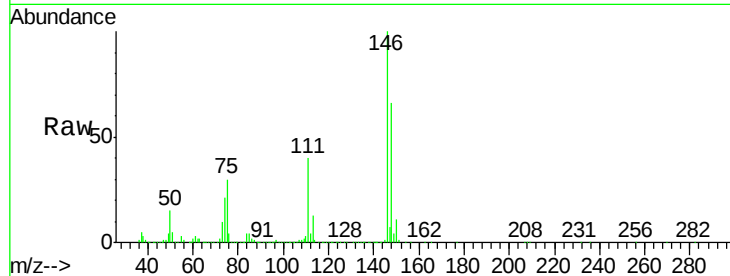
#87
 1,3-Dichlorobenzene
 Concen: 50.329 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX018375.D
 Acq: 14 Sep 2020 10:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.6	61.8
148	63.9	33.1	99.2

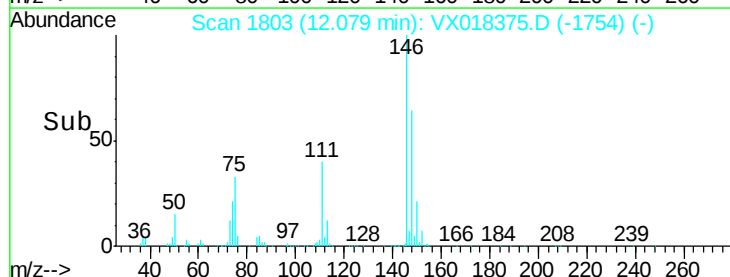
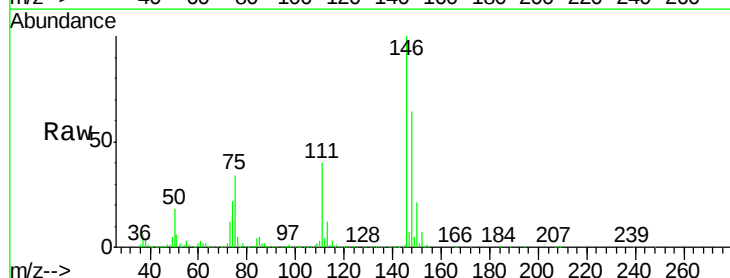
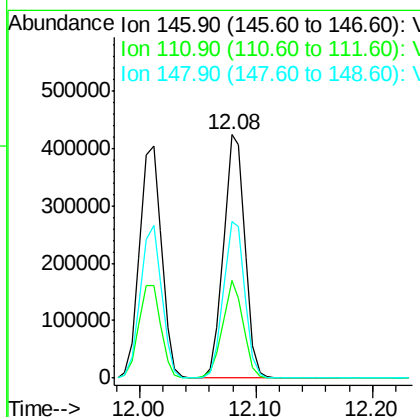
Manual Integrations
 APPROVED

MMDadoda
 9/15/2020 2:29:00 PM



#88
 1,4-Dichlorobenzene
 Concen: 51.109 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018375.D
 Acq: 14 Sep 2020 10:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	20.3	60.8
148	64.3	33.1	99.2





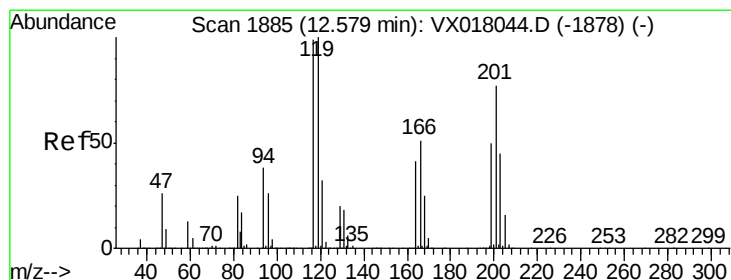
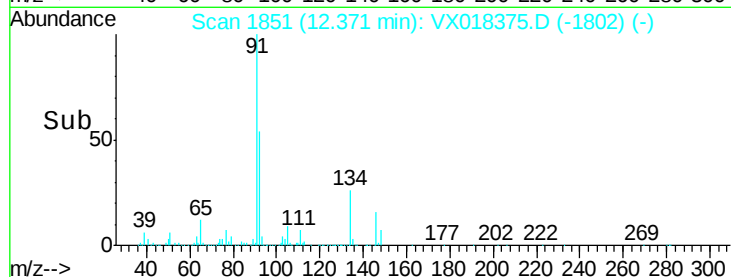
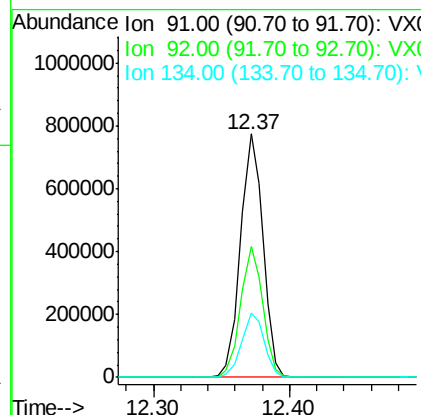
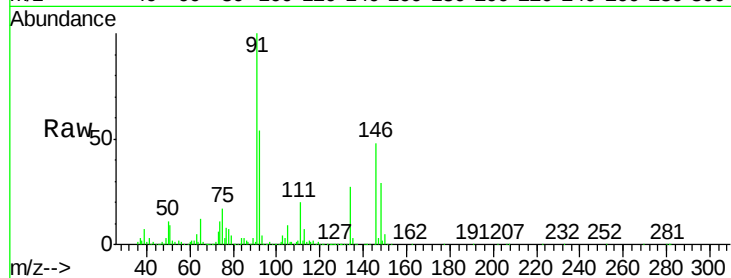
#89
n-Butylbenzene
Concen: 53.682 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018375.D
Acq: 14 Sep 2020 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.4	79.2
134	26.4	12.9	38.7

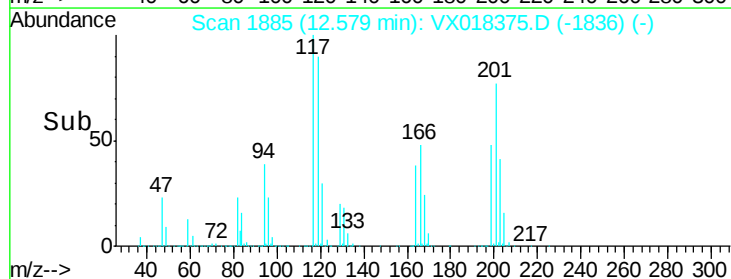
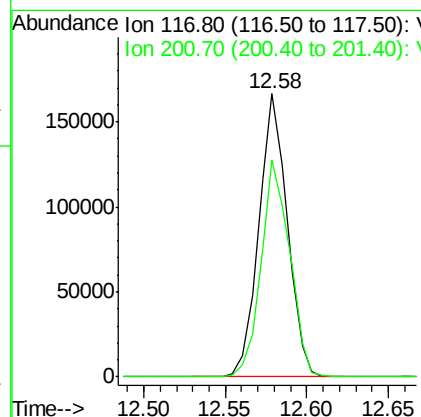
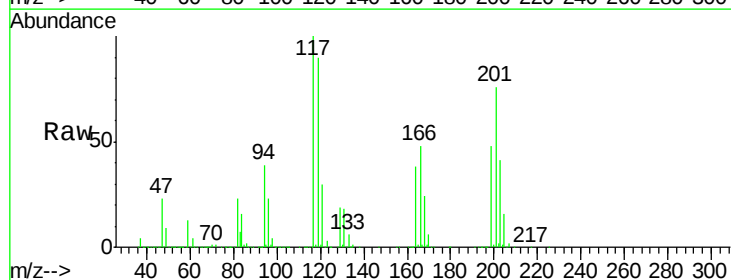
Manual Integrations
APPROVED

MMDadoda
9/15/2020 2:29:00 PM



#90
Hexachloroethane
Concen: 56.455 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018375.D
Acq: 14 Sep 2020 10:34

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.8	38.5	115.3





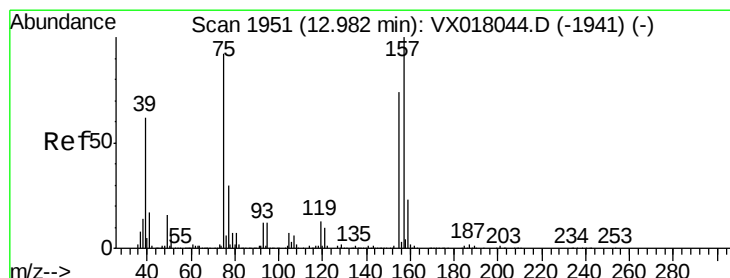
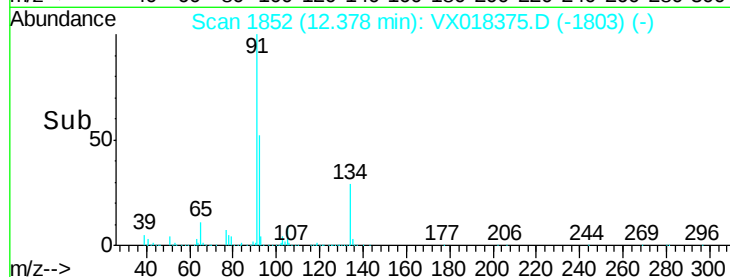
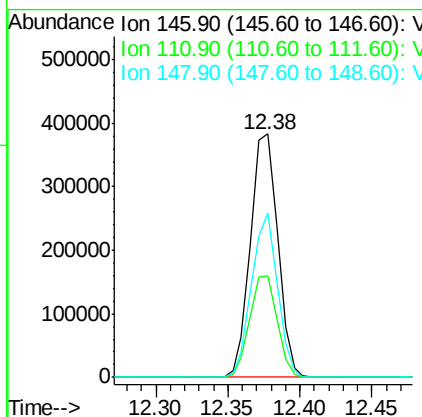
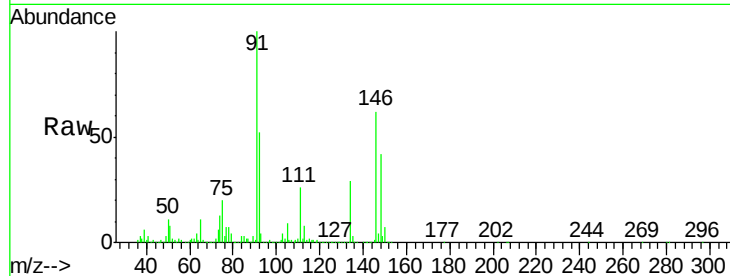
#91
 1,2-Dichlorobenzene
 Concen: 51.115 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018375.D
 Acq: 14 Sep 2020 10:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	502841		
111	41.8	20.8	62.5	
148	63.9	31.6	95.0	

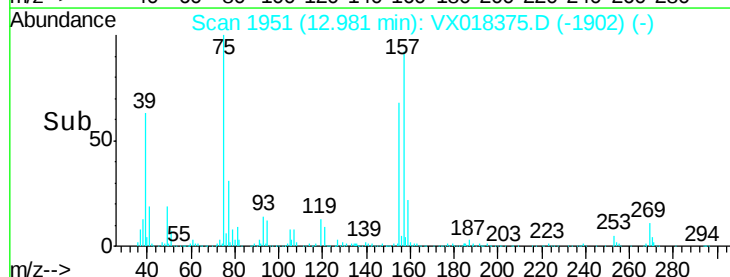
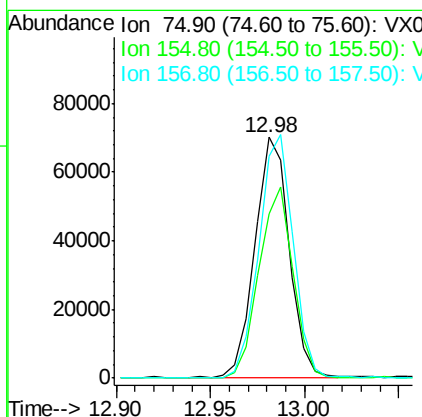
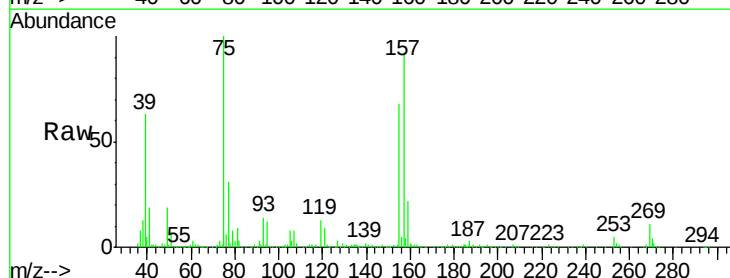
Manual Integrations
 APPROVED

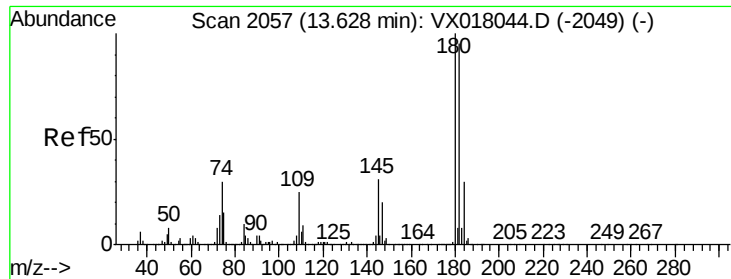
MMDadoda
 9/15/2020 2:29:00 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.302 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018375.D
 Acq: 14 Sep 2020 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	87944		
155	79.5	40.2	120.6	
157	102.4	55.0	165.2	





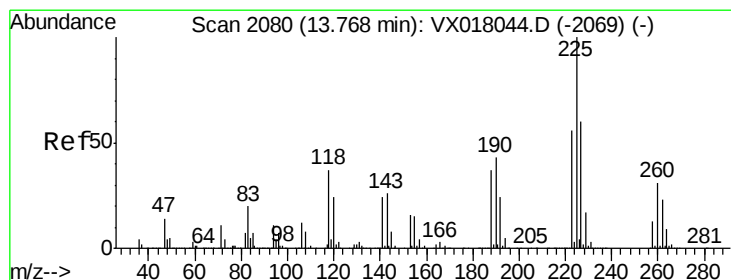
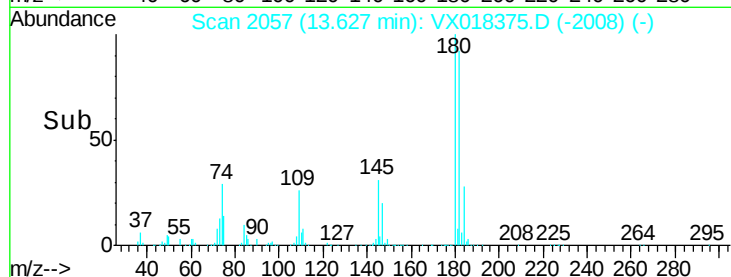
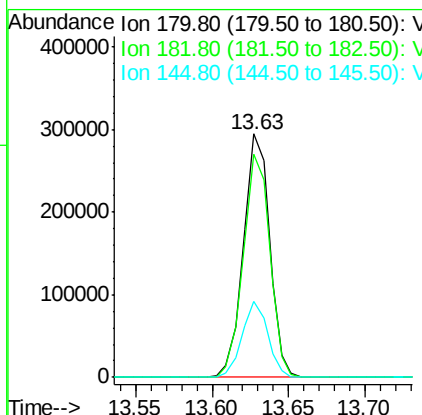
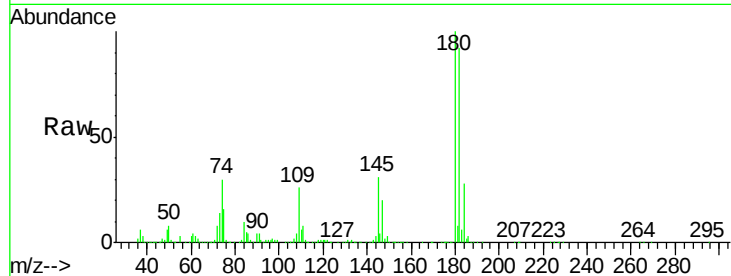
#93
 1,2,4-Trichlorobenzene
 Concen: 53.540 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018375.D
 Acq: 14 Sep 2020 10:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	351213		
182	93.3	47.5	142.6	
145	30.7	15.7	47.1	

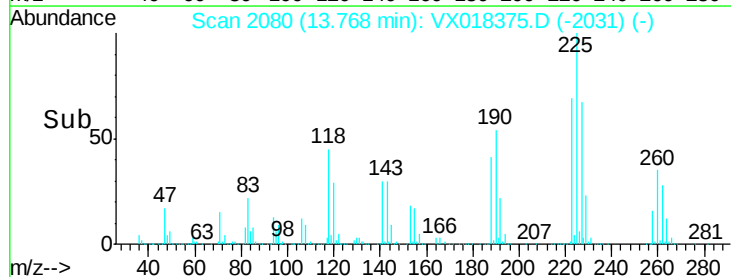
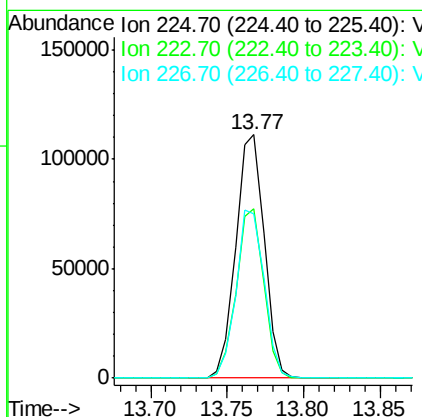
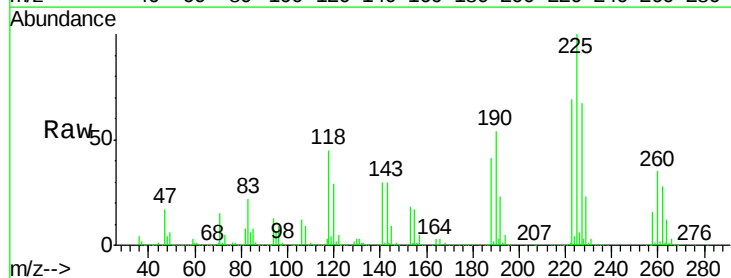
Manual Integrations
 APPROVED

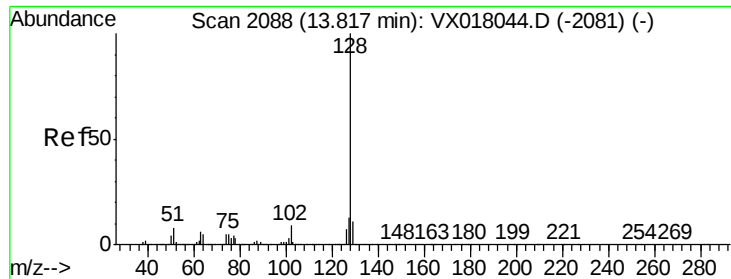
MMDadoda
 9/15/2020 2:29:00 PM



#94
 Hexachlorobutadiene
 Concen: 55.369 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX018375.D
 Acq: 14 Sep 2020 10:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	143264		
223	66.8	30.7	92.1	
227	68.1	32.6	97.8	





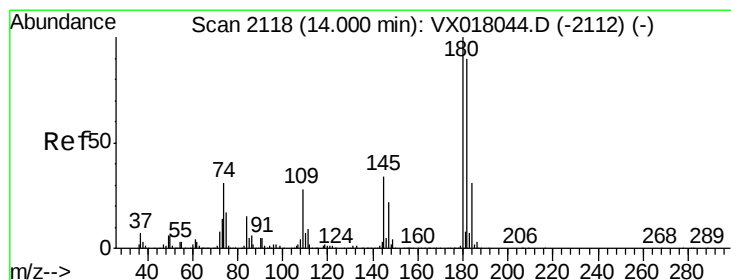
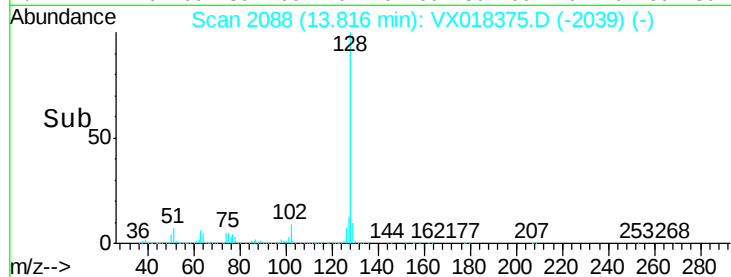
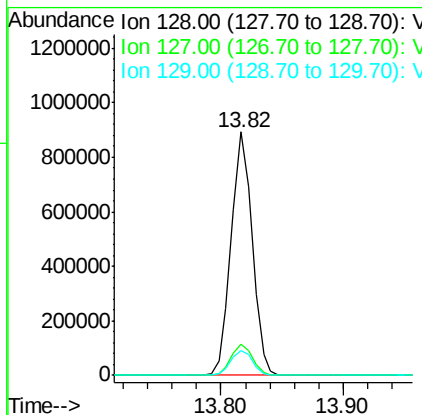
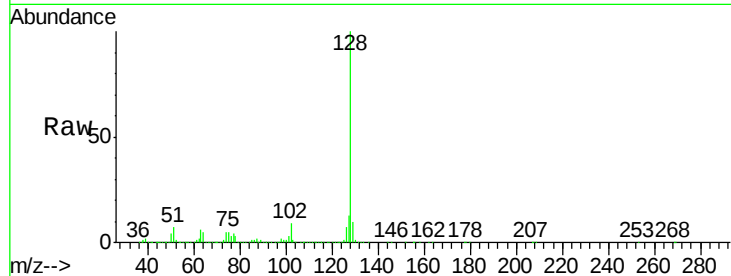
#95
Naphthalene
Concen: 49.121 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018375.D
Acq: 14 Sep 2020 10:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	10.6	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
9/15/2020 2:29:00 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.571 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX018375.D
Acq: 14 Sep 2020 10:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	47.3	142.0
145	34.7	17.5	52.6

