

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121420\
 Data File : VX019976.D
 Acq On : 14 Dec 2020 10:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 12/15/2020 5:33:48 PM

Quant Time: Dec 15 00:32:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	274549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	441030	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	406930	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	207736	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	166356	46.10	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.20%
35) Dibromofluoromethane	5.46	113	135931	47.69	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.38%
50) Toluene-d8	8.70	98	521307	47.91	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.82%
62) 4-Bromofluorobenzene	11.12	95	200549	48.42	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.84%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	120699	48.018	ug/l	98
3) Chloromethane	1.31	50	134592	45.530	ug/l	100
4) Vinyl Chloride	1.39	62	155159	49.778	ug/l	99
5) Bromomethane	1.62	94	43476	42.007	ug/l	97
6) Chloroethane	1.70	64	101312	54.107	ug/l	97
7) Trichlorofluoromethane	1.91	101	219686	50.608	ug/l	97
8) Diethyl Ether	2.17	74	93489	50.822	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	127906	51.406	ug/l	98
10) Methyl Iodide	2.49	142	165327	45.079	ug/l	99
11) Tert butyl alcohol	3.01	59	178696	240.790	ug/l	99
12) 1,1-Dichloroethene	2.36	96	123658	49.159	ug/l	98
13) Acrolein	2.27	56	75427	189.374	ug/l	99
14) Allyl chloride	2.70	41	218641	51.464	ug/l	97
15) Acrylonitrile	3.11	53	434308	266.242	ug/l	99
16) Acetone	2.42	43	351104	258.869	ug/l	100
17) Carbon Disulfide	2.55	76	314430	43.564	ug/l	100
18) Methyl Acetate	2.75	43	189728	57.164	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	486302	53.085	ug/l	99
20) Methylene Chloride	2.83	84	161836	52.332	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	147820	50.405	ug/l	97
22) Diisopropyl ether	3.82	45	470828	54.814	ug/l	98
23) Vinyl Acetate	3.78	43	1978629	270.379	ug/l	100
24) 1,1-Dichloroethane	3.67	63	273204	52.744	ug/l	100
25) 2-Butanone	4.63	43	552679	265.189	ug/l	99
26) 2,2-Dichloropropane	4.55	77	224698	50.373	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	173188	50.463	ug/l	99
28) Bromochloromethane	4.98	49	123520	50.023	ug/l	97
29) Tetrahydrofuran	5.08	42	351756	261.966	ug/l	98
30) Chloroform	5.17	83	282458	53.033	ug/l	98
31) Cyclohexane	5.54	56	225560	50.253	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	238788	52.062	ug/l	100
36) 1,1-Dichloropropene	5.76	75	203655	51.102	ug/l	99
37) Ethyl Acetate	4.79	43	211480	52.557	ug/l	99
38) Carbon Tetrachloride	5.75	117	203824	52.227	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121420\
 Data File : VX019976.D
 Acq On : 14 Dec 2020 10:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 12/15/2020 5:33:48 PM

Quant Time: Dec 15 00:32:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	240403	51.344	ug/l	98
40) Benzene	6.11	78	632236	51.934	ug/l	98
41) Methacrylonitrile	5.00	41	117825	53.332	ug/l	99
42) 1,2-Dichloroethane	6.15	62	218550	52.543	ug/l	100
43) Isopropyl Acetate	6.40	43	338824	51.793	ug/l	99
44) Trichloroethene	7.18	130	162259	50.799	ug/l	99
45) 1,2-Dichloropropane	7.48	63	163338	53.684	ug/l	99
46) Dibromomethane	7.63	93	107678	52.406	ug/l	100
47) Bromodichloromethane	7.87	83	220495	54.080	ug/l	99
48) Methyl methacrylate	7.74	41	169099	52.558	ug/l	98
49) 1,4-Dioxane	7.71	88	80094	1027.636	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1091750	273.344	ug/l	99
52) Toluene	8.76	92	397218	52.169	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	238501	52.714	ug/l	97
54) cis-1,3-Dichloropropene	8.41	75	261287	53.157	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	166432	54.241	ug/l	99
56) Ethyl methacrylate	9.16	69	248350	53.497	ug/l	99
57) 1,3-Dichloropropane	9.35	76	278563	53.168	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	678743	275.989	ug/l	99
59) 2-Hexanone	9.47	43	828223	267.521	ug/l	99
60) Dibromochloromethane	9.56	129	167771	53.817	ug/l	100
61) 1,2-Dibromoethane	9.65	107	169631	52.063	ug/l	99
64) Tetrachloroethene	9.32	164	152381	55.839	ug/l	97
65) Chlorobenzene	10.12	112	419223	51.710	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	155574	53.315	ug/l	98
67) Ethyl Benzene	10.23	91	756421	52.564	ug/l	100
68) m/p-Xylenes	10.34	106	572839	105.639	ug/l	99
69) o-Xylene	10.68	106	274184	52.564	ug/l	100
70) Styrene	10.70	104	476600	54.132	ug/l	100
71) Bromoform	10.84	173	120725	52.591	ug/l	97
73) Isopropylbenzene	11.00	105	747340	52.658	ug/l	100
74) N-amyl acetate	10.88	43	295235	51.909	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	260317	52.025	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	245723m	52.740	ug/l	
77) Bromobenzene	11.24	156	184111	50.691	ug/l	98
78) n-propylbenzene	11.34	91	863890	53.294	ug/l	100
79) 2-Chlorotoluene	11.40	91	515802	51.671	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	639136	53.359	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	84022	52.132	ug/l	99
82) 4-Chlorotoluene	11.49	91	615850	52.677	ug/l	98
83) tert-Butylbenzene	11.76	119	615383	52.384	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	641734	53.187	ug/l	100
85) sec-Butylbenzene	11.93	105	726086	54.136	ug/l	99
86) p-Isopropyltoluene	12.05	119	667215	54.280	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	339064	50.864	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	344224	50.699	ug/l	99
89) n-Butylbenzene	12.37	91	592396	54.396	ug/l	99
90) Hexachloroethane	12.58	117	111908	52.733	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	330550	50.867	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	56363	52.398	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121420\
Data File : VX019976.D
Acq On : 14 Dec 2020 10:51
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

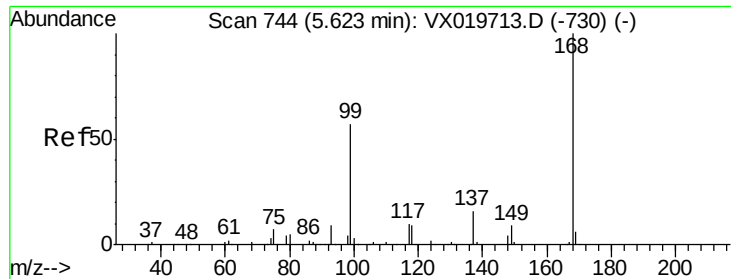
Manual Integrations
APPROVED

MMDadoda
12/15/2020 5:33:48 PM

Quant Time: Dec 15 00:32:29 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	227518	53.786	ug/l	98
94) Hexachlorobutadiene	13.77	225	99832	52.803	ug/l	100
95) Naphthalene	13.82	128	759944	55.414	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	221573	53.598	ug/l	99

(#) = 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. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 274549

Ion Ratio Lower Upper

168 100

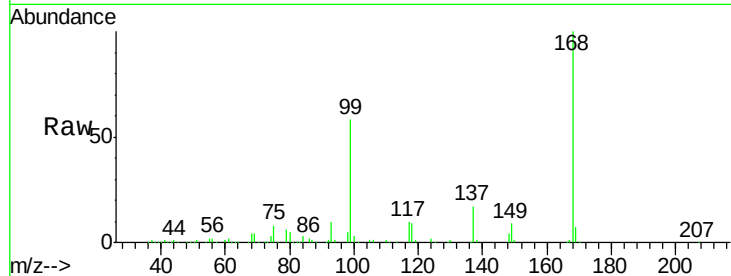
99 58.4 45.8 68.6

Manual Integrations

APPROVED

MMDadoda

12/15/2020 5:33:48 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

100000

80000

60000

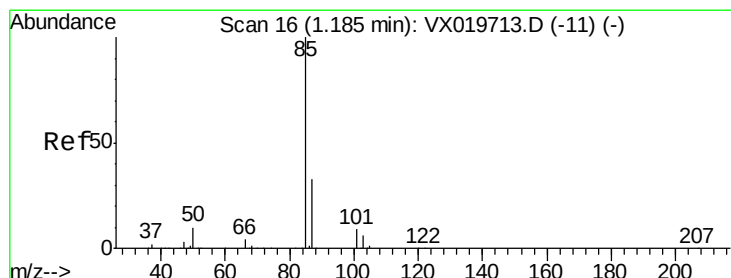
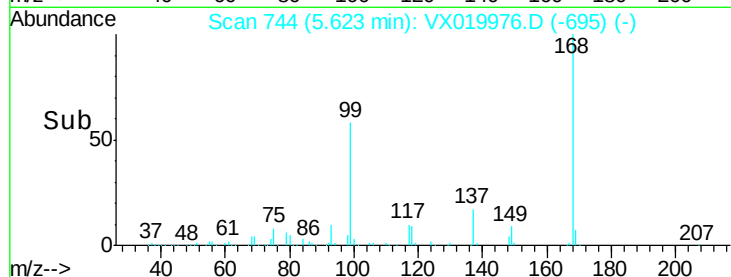
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 48.018 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019976.D

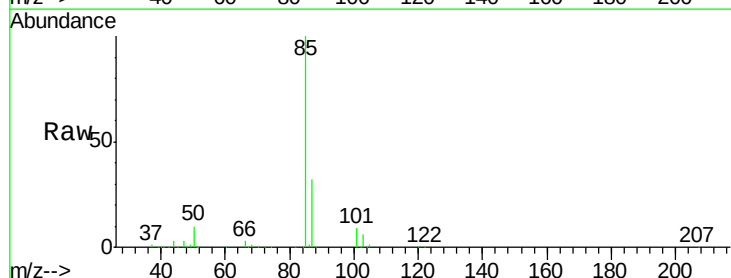
Acq: 14 Dec 2020 10:51

Tgt Ion: 85 Resp: 120699

Ion Ratio Lower Upper

85 100

87 31.6 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

150000

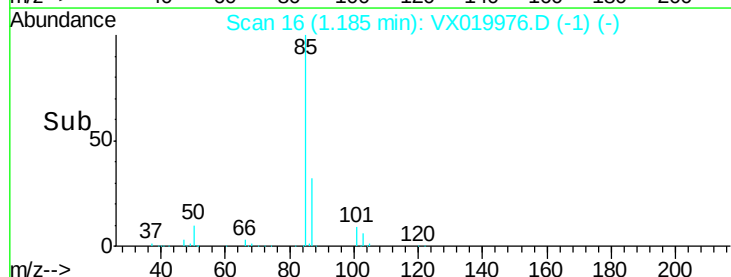
100000

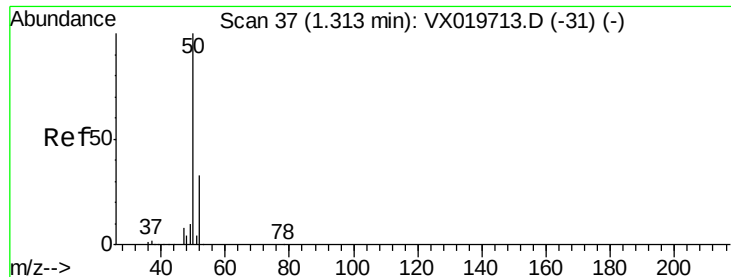
50000

0

Time-->

1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 45.530 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 134592

Ion Ratio Lower Upper

50 100

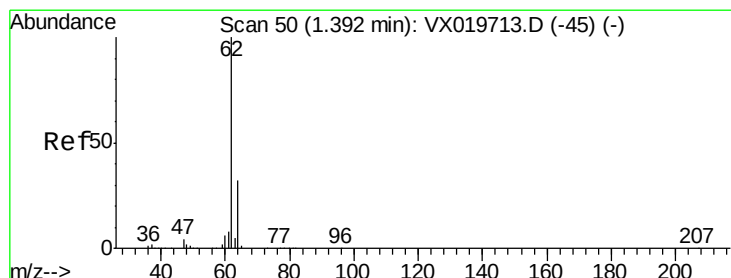
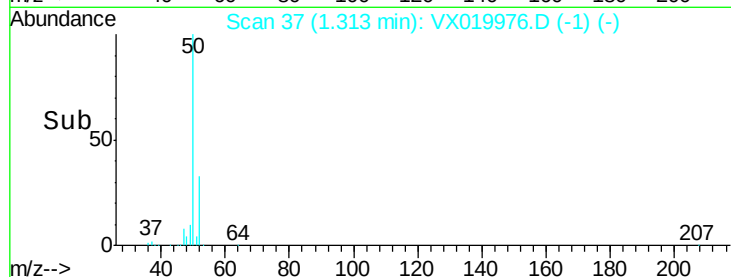
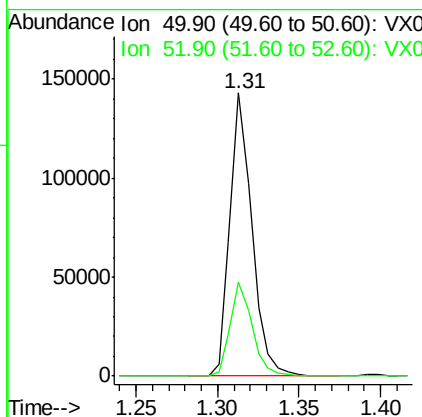
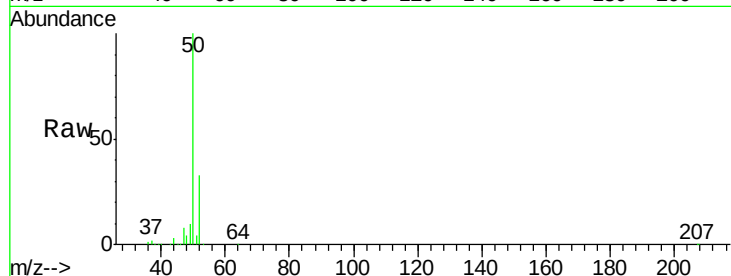
52 33.0 26.4 39.6

Manual Integrations

APPROVED

MMDadoda

12/15/2020 5:33:48 PM



#4

Vinyl Chloride

Concen: 49.778 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019976.D

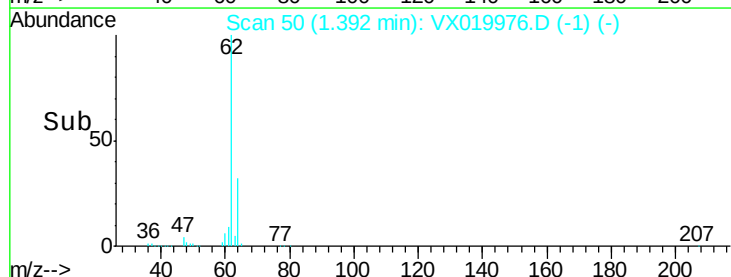
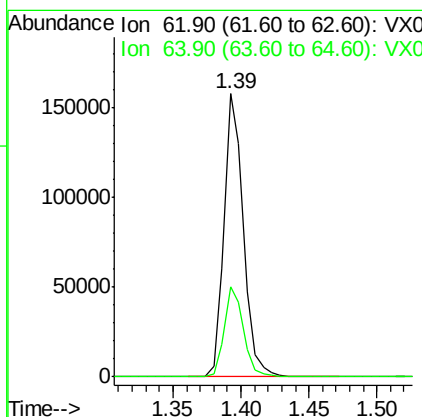
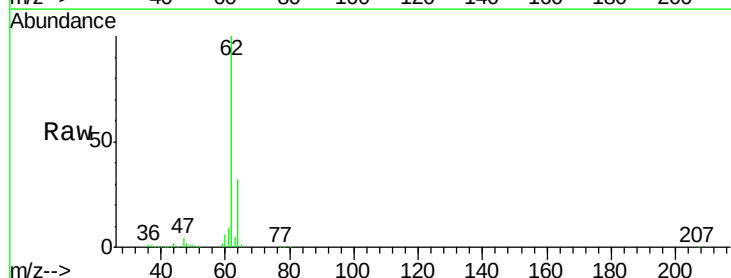
Acq: 14 Dec 2020 10:51

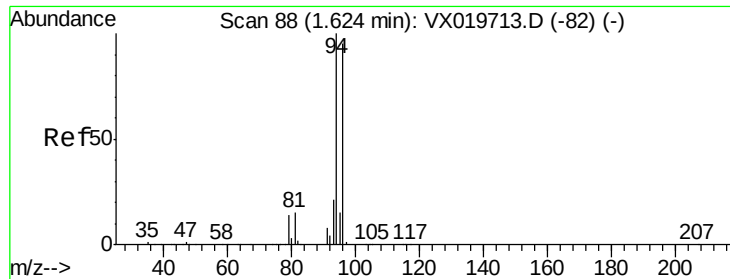
Tgt Ion: 62 Resp: 155159

Ion Ratio Lower Upper

62 100

64 31.6 25.7 38.5





#5

Bromomethane

Concen: 42.007 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 43476

Ion Ratio Lower Upper

94 100

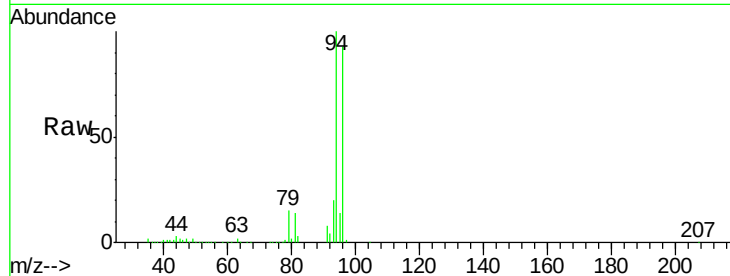
96 92.7 76.4 114.6

Manual Integrations

APPROVED

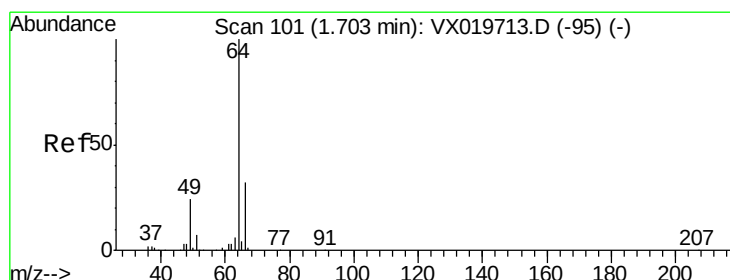
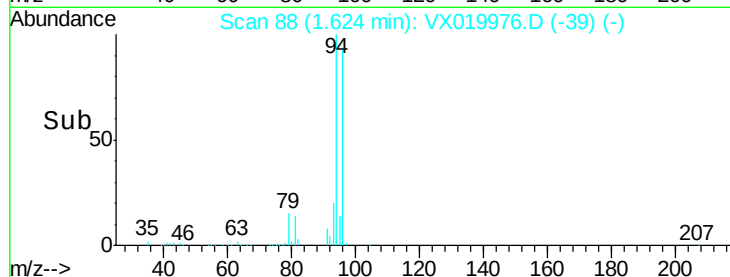
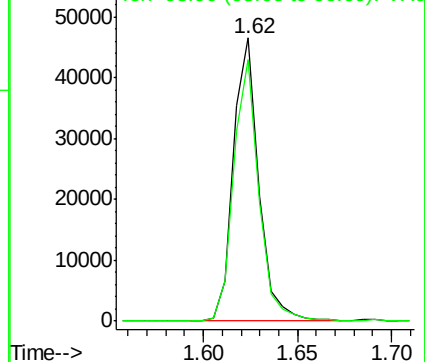
MMDadoda

12/15/2020 5:33:48 PM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 54.107 ug/l

RT: 1.70 min Scan# 101

Delta R.T. 0.00 min

Lab File: VX019976.D

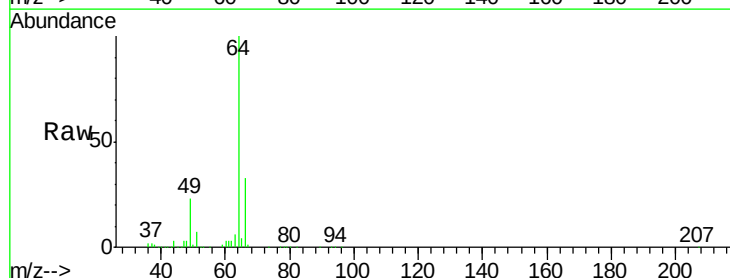
Acq: 14 Dec 2020 10:51

Tgt Ion: 64 Resp: 101312

Ion Ratio Lower Upper

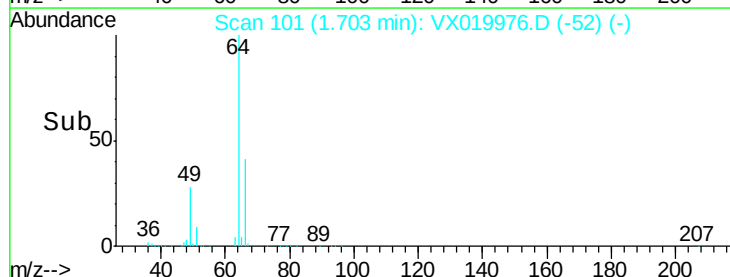
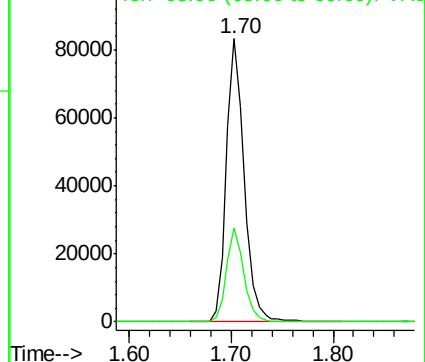
64 100

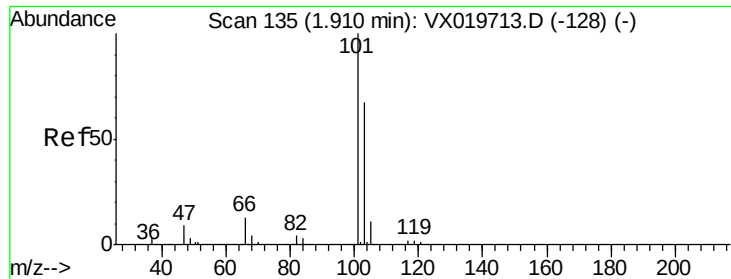
66 33.2 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

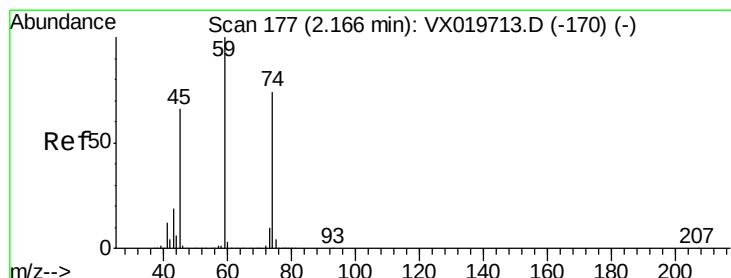
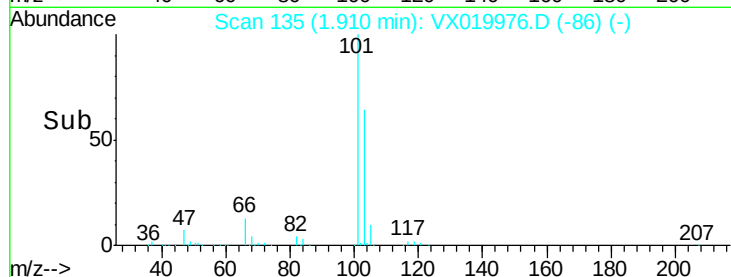
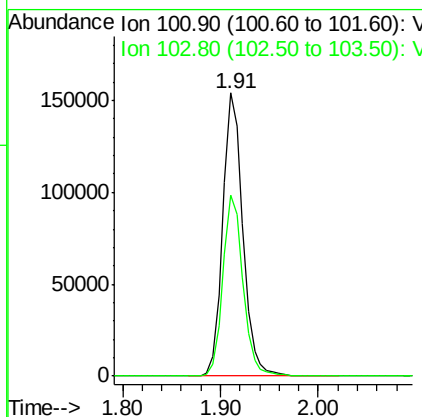
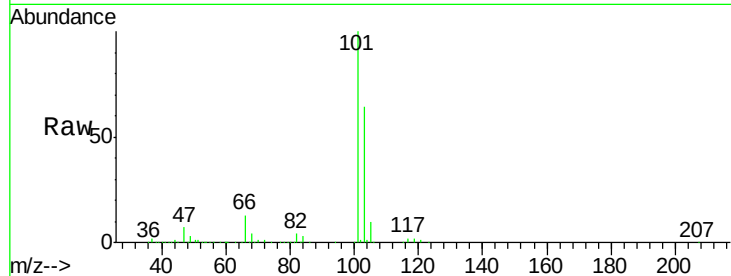
Trichlorofluoromethane
Concen: 50.608 ug/l
RT: 1.91 min Scan# 135
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	53.2	79.8

Manual Integrations
APPROVED

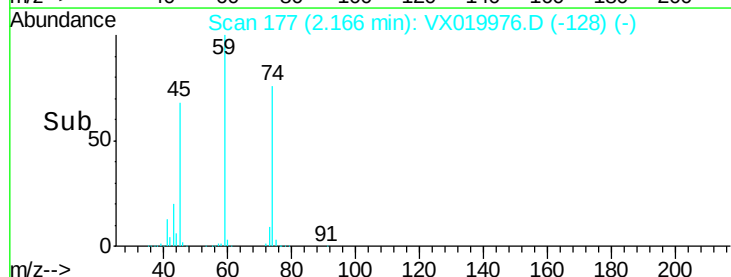
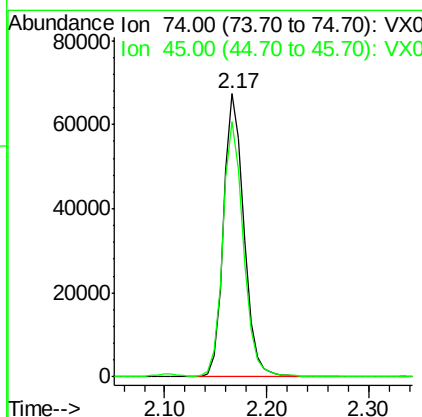
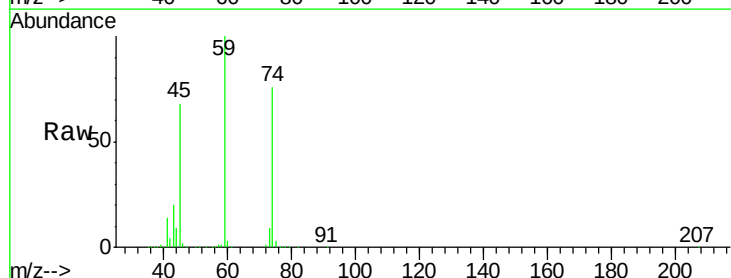
MMDadoda
12/15/2020 5:33:48 PM

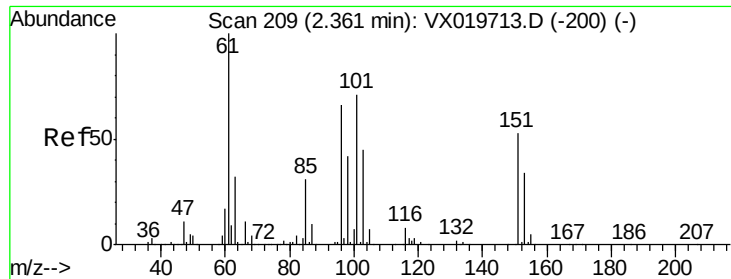


#8

Diethyl Ether
Concen: 50.822 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.9	44.5	133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.406 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

Instrument :

MSVOA_X

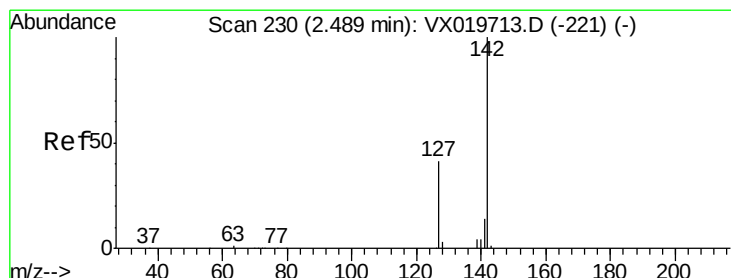
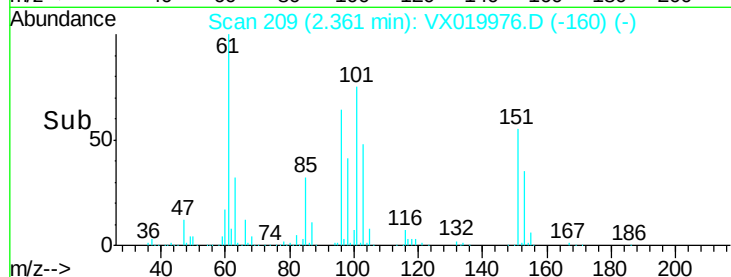
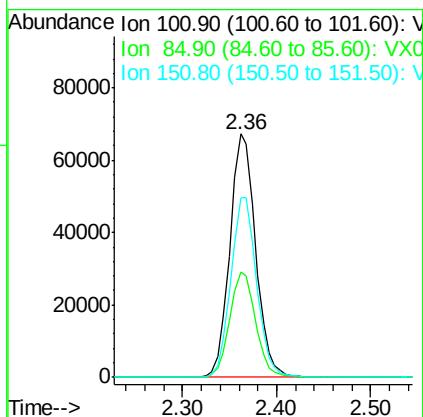
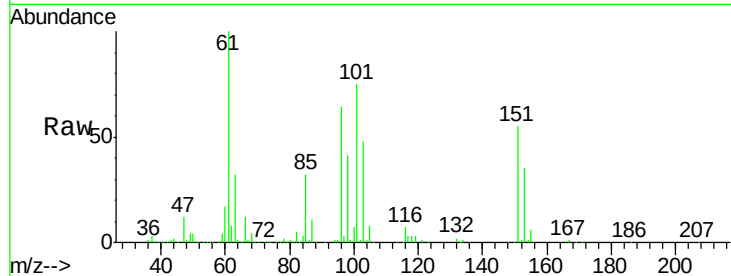
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	127906
Ion Ratio	Lower	Upper	
101	100		
85	43.4	34.9	52.3
151	74.0	61.4	92.2

Manual Integrations
APPROVED

MMDadoda
12/15/2020 5:33:48 PM



#10

Methyl Iodide

Concen: 45.079 ug/l

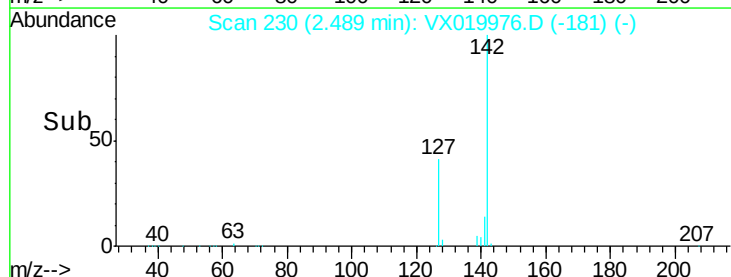
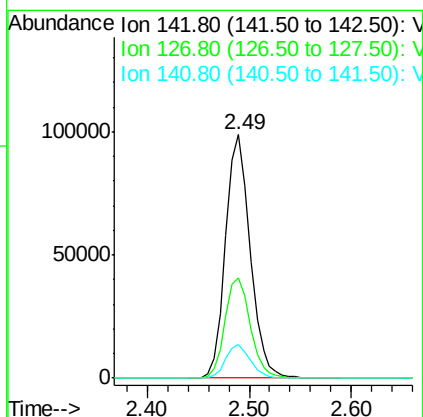
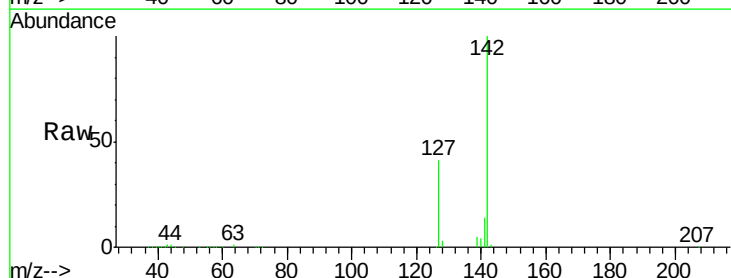
RT: 2.49 min Scan# 230

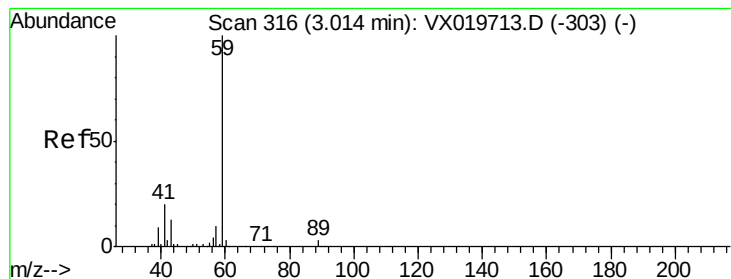
Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

Tgt Ion:	142	Resp:	165327
Ion Ratio	Lower	Upper	
142	100		
127	42.3	33.3	49.9
141	13.9	11.4	17.0





#11

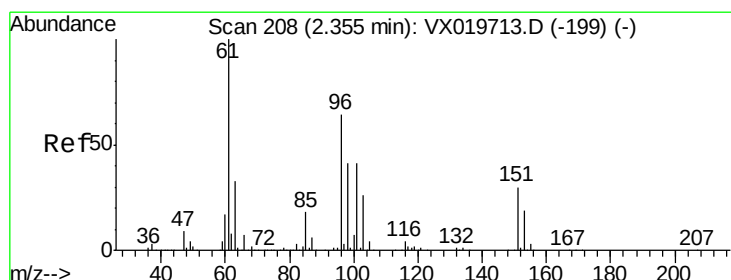
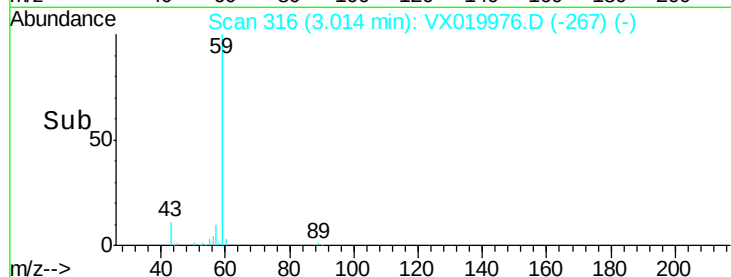
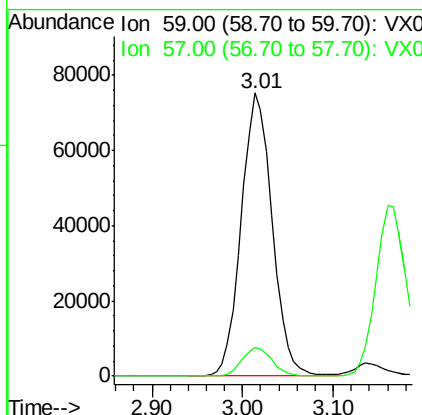
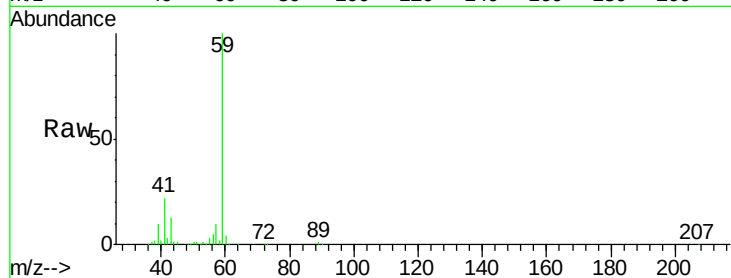
Tert butyl alcohol
Concen: 240.790 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	178696
Ion Ratio	100	Lower	Upper
57	10.0	7.8	11.8

Manual Integrations
APPROVED

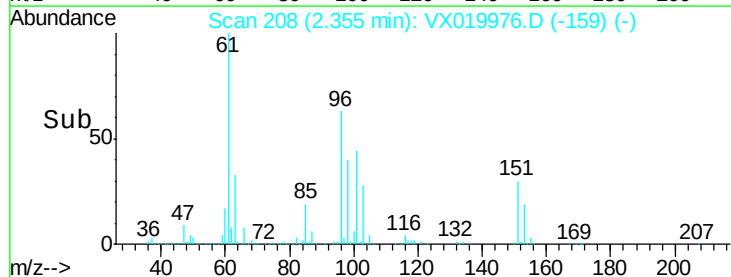
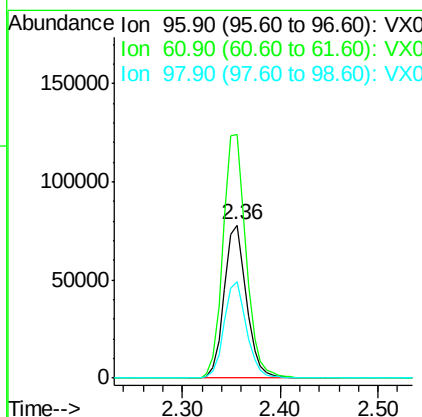
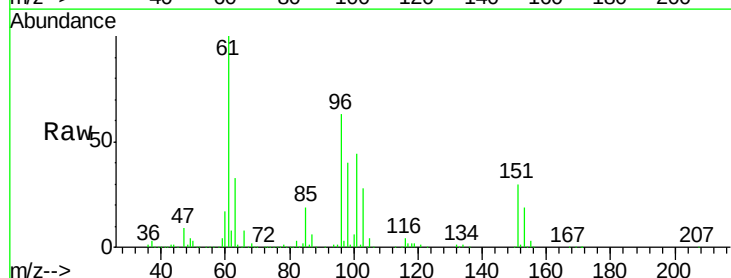
MMDadoda
12/15/2020 5:33:48 PM

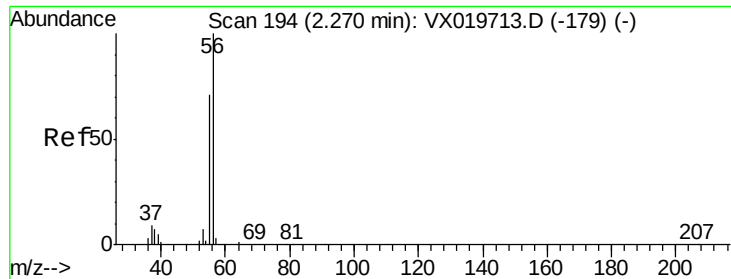


#12

1,1-Dichloroethene
Concen: 49.159 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Tgt Ion	96	Resp	123658
Ion Ratio	100	Lower	Upper
61	158.8	124.6	187.0
98	63.2	50.6	76.0





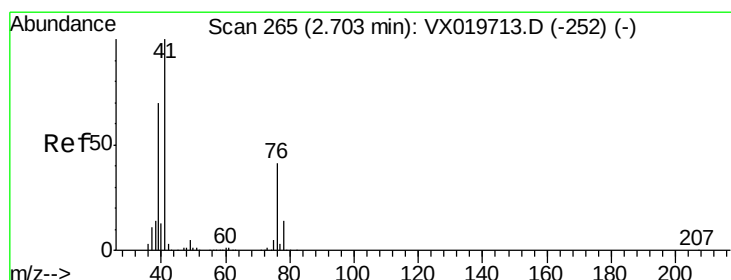
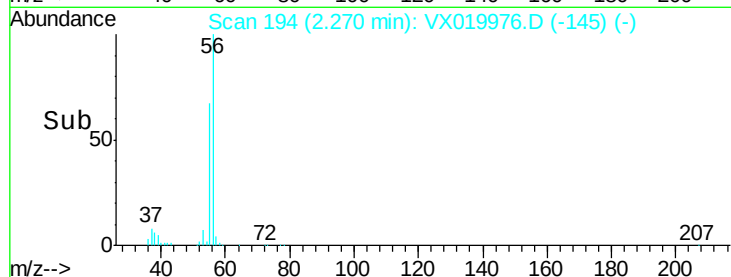
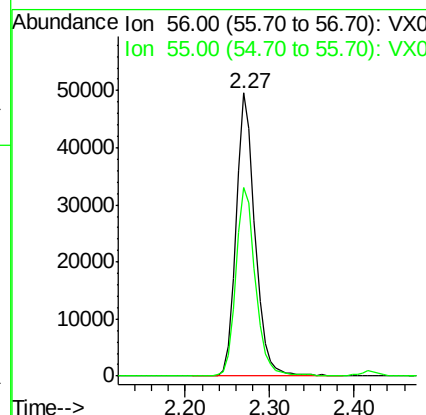
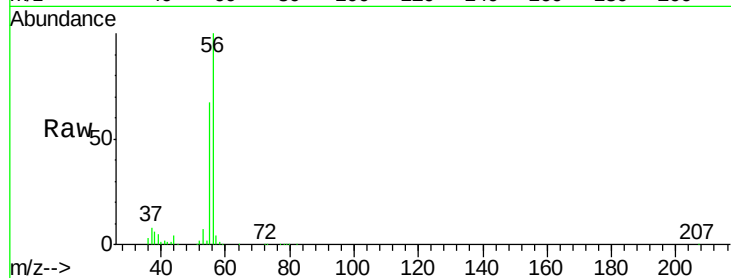
#13
Acrolein
Concen: 189.374 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	69.6	56.4	84.6

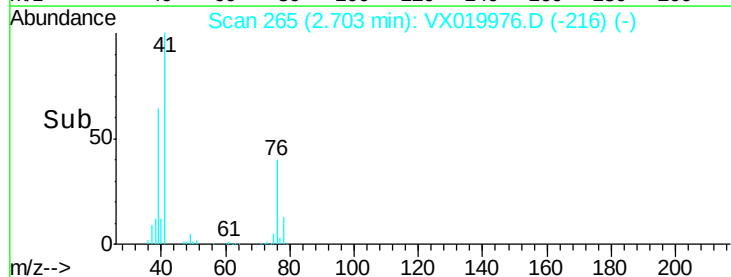
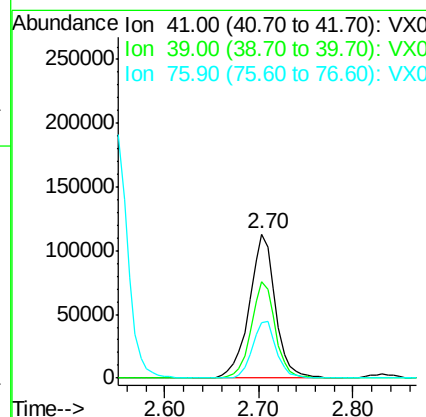
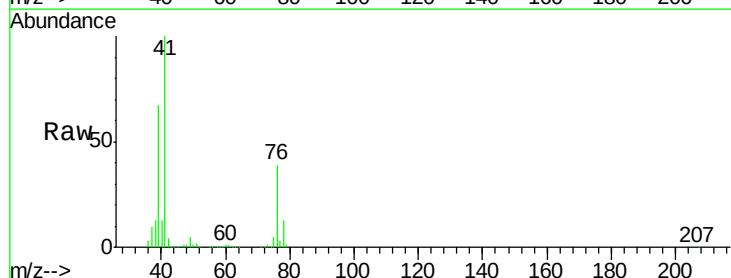
Manual Integrations
APPROVED

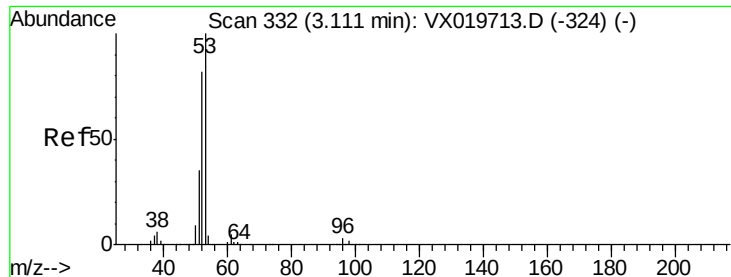
MMDadoda
12/15/2020 5:33:48 PM



#14
Allyl chloride
Concen: 51.464 ug/l
RT: 2.70 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	62.0	51.6	77.4
76	76	36.6	30.5	45.7





#15

Acrylonitrile

Concen: 266.242 ug/l

RT: 3.11 min Scan# 332

Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

Instrument :

MSVOA_X

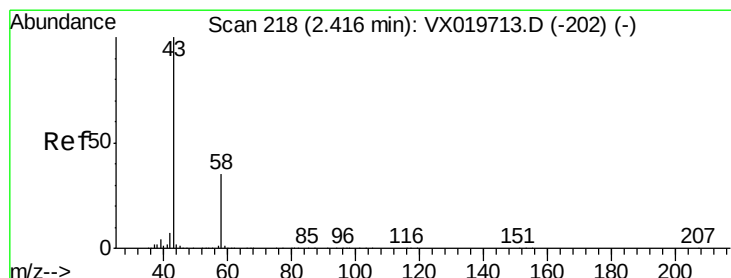
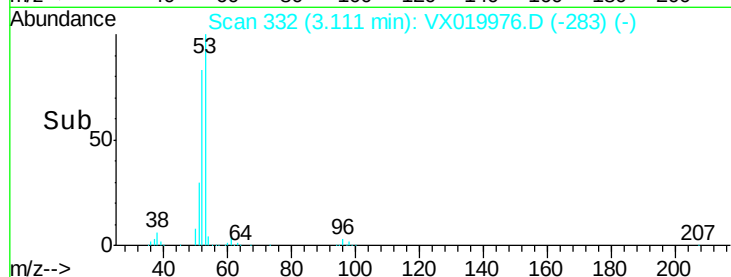
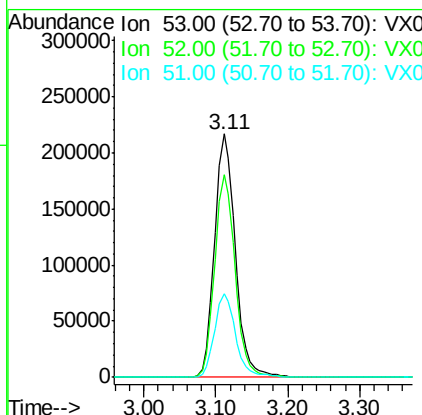
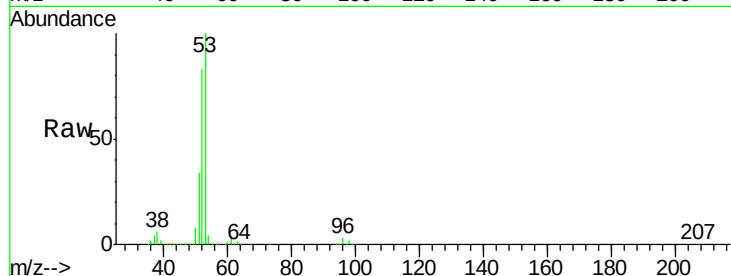
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	434308
Ion Ratio		Lower	Upper
53	100		
52	82.3	65.3	97.9
51	35.1	28.2	42.2

Manual Integrations
APPROVED

MMDadoda
12/15/2020 5:33:48 PM



#16

Acetone

Concen: 258.869 ug/l

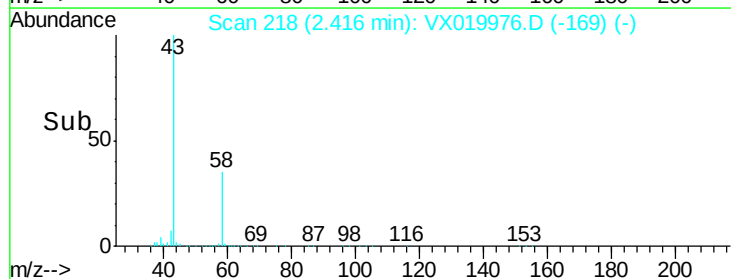
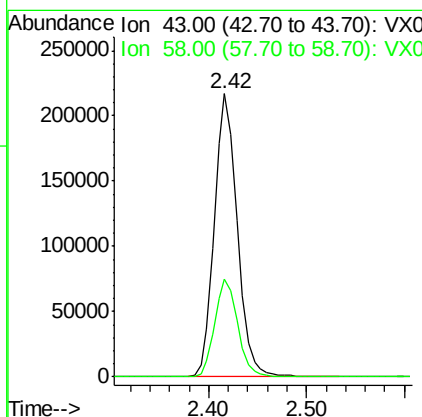
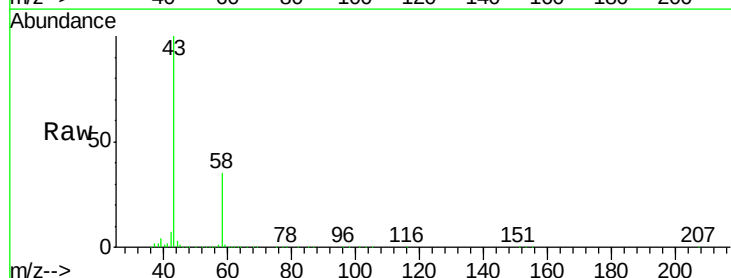
RT: 2.42 min Scan# 218

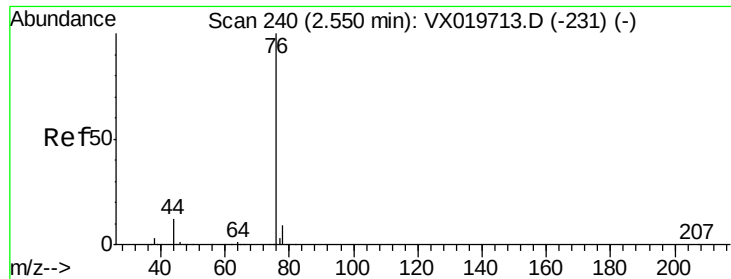
Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

Tgt Ion:	43	Resp:	351104
Ion Ratio		Lower	Upper
43	100		
58	34.6	27.8	41.8





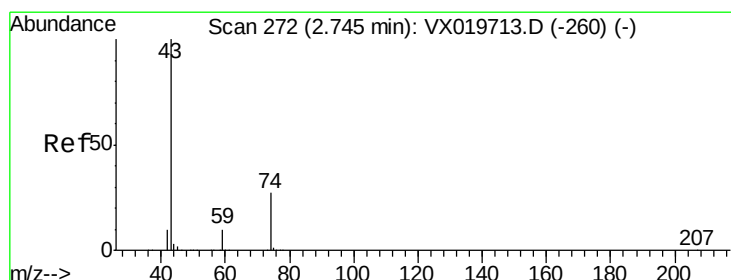
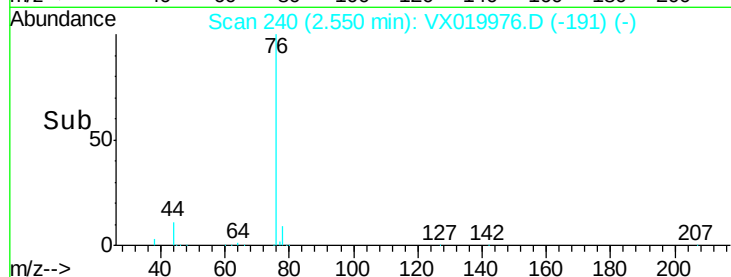
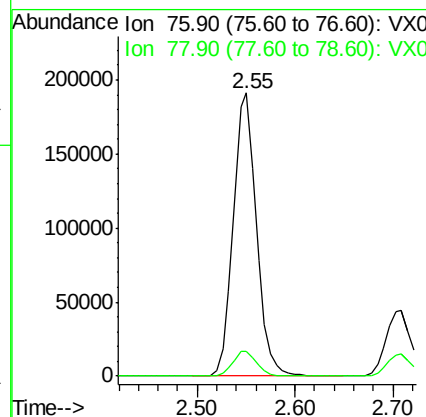
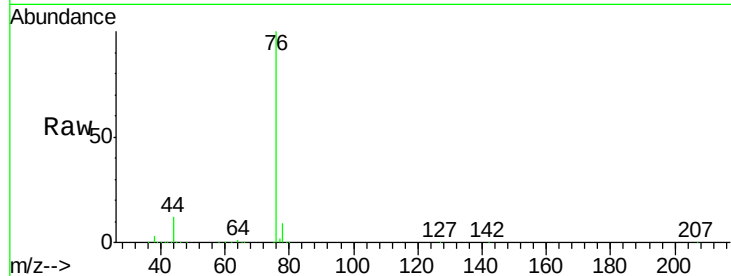
#17
Carbon Disulfide
Concen: 43.564 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.2	10.8

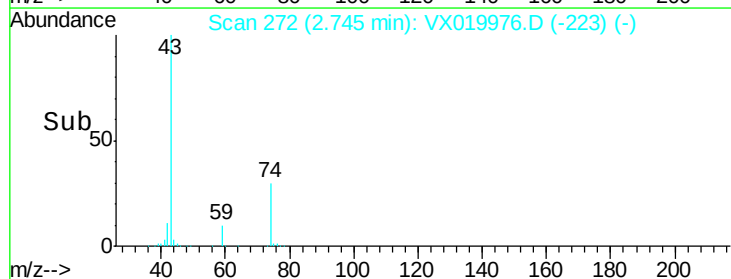
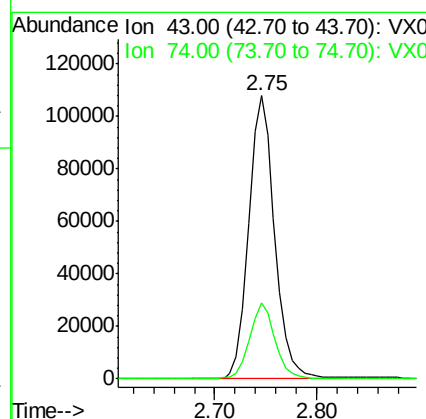
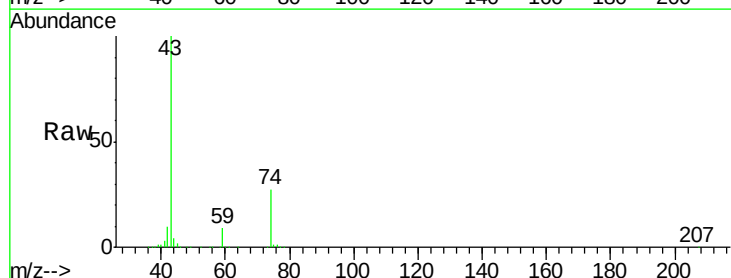
Manual Integrations
APPROVED

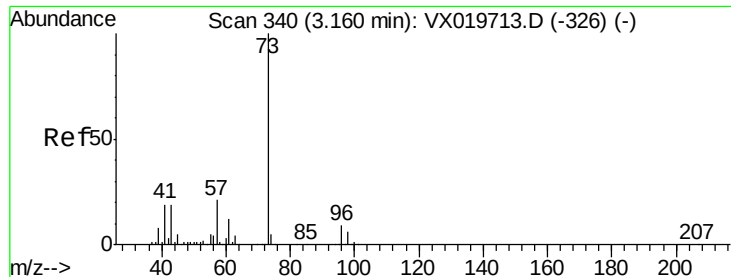
MMDadoda
12/15/2020 5:33:48 PM



#18
Methyl Acetate
Concen: 57.164 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.6	21.9	32.9





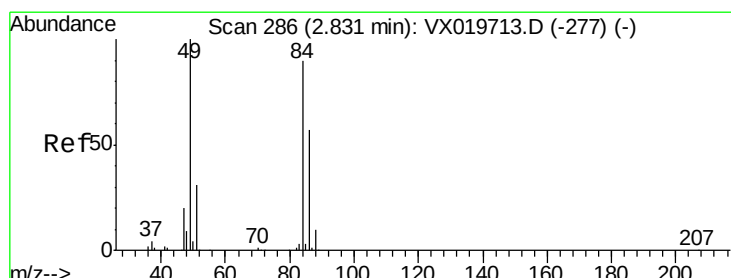
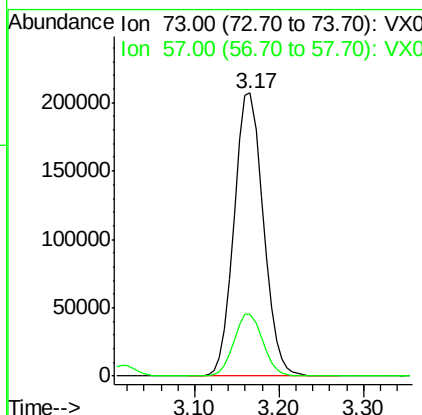
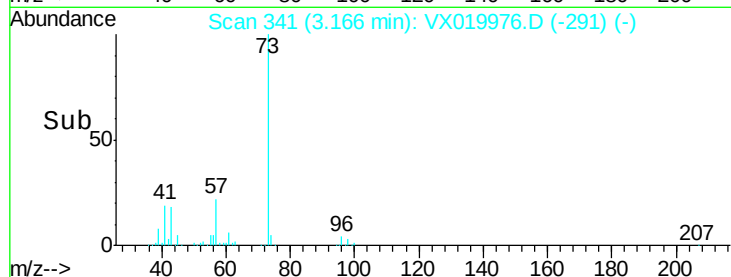
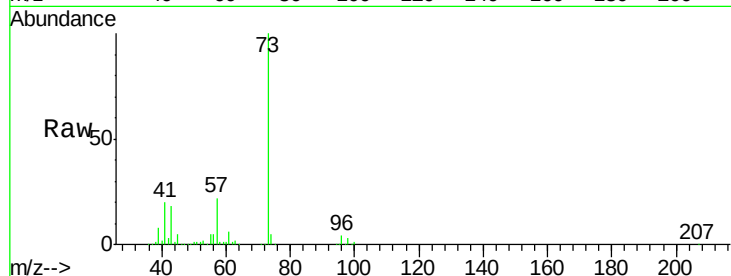
#19
Methyl tert-butyl Ether
Concen: 53.085 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.01 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.1	25.7

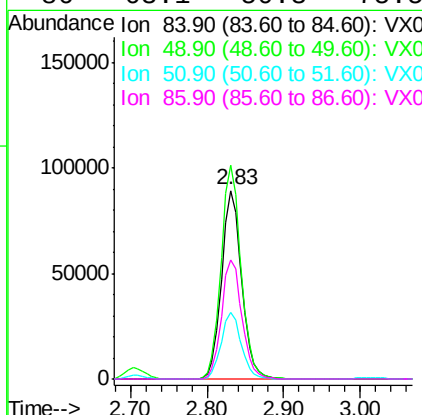
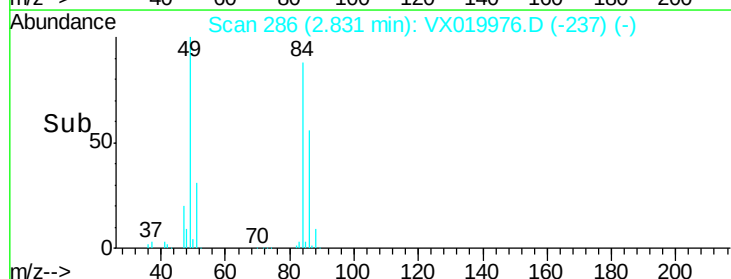
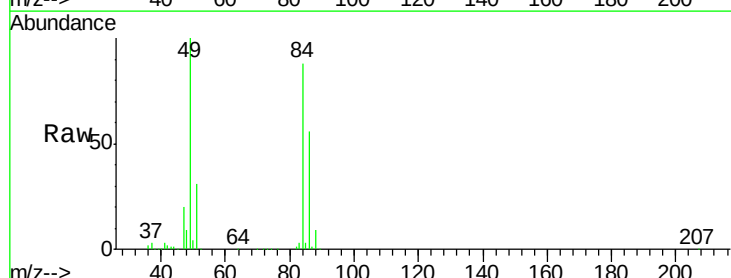
Manual Integrations
APPROVED

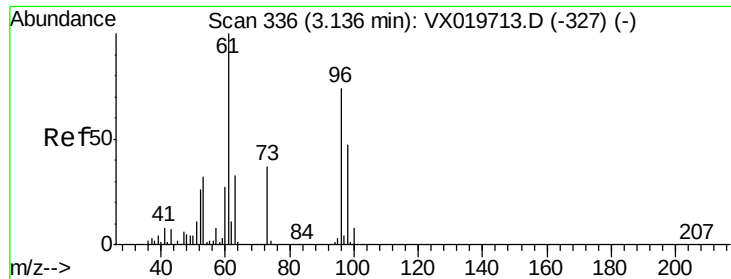
MMDadoda
12/15/2020 5:33:48 PM



#20
Methylene Chloride
Concen: 52.332 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Tgt Ion	Ratio	Lower	Upper
84	100		
49	113.4	88.6	132.8
51	35.3	27.0	40.6
86	63.1	50.3	75.5





#21

trans-1,2-Dichloroethene

Concen: 50.405 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

Instrument :

MSVOA_X

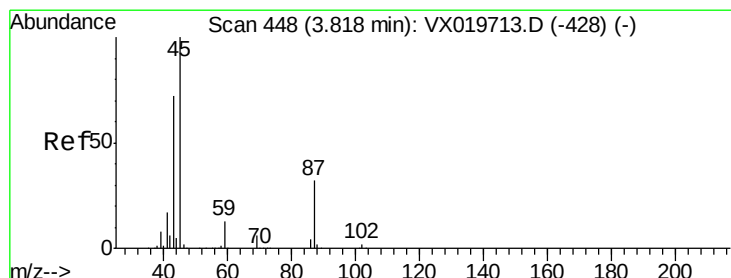
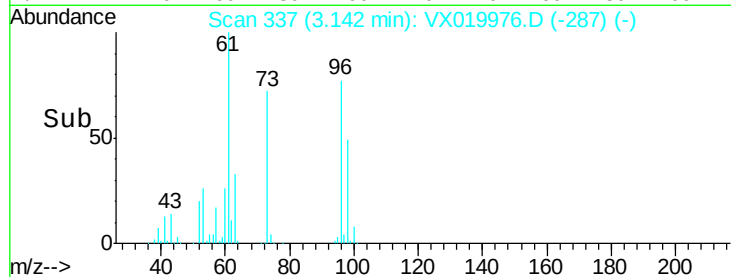
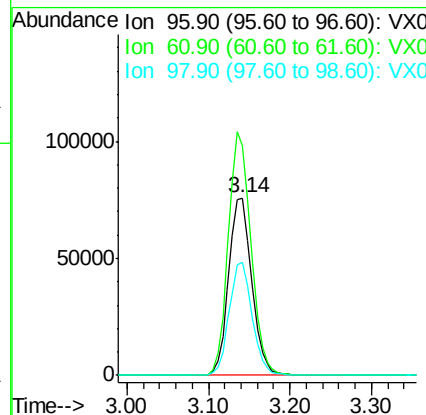
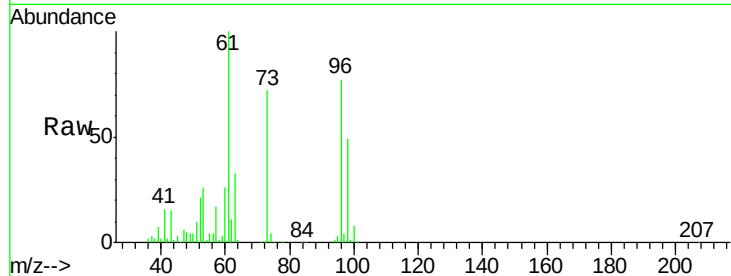
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	147820
Ion	Ratio	Lower	Upper
96	100		
61	129.3	107.7	161.5
98	63.7	50.4	75.6

Manual Integrations
APPROVED

MMDadoda
12/15/2020 5:33:48 PM



#22

Diisopropyl ether

Concen: 54.814 ug/l

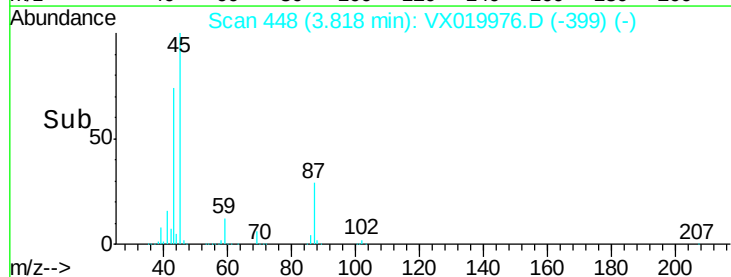
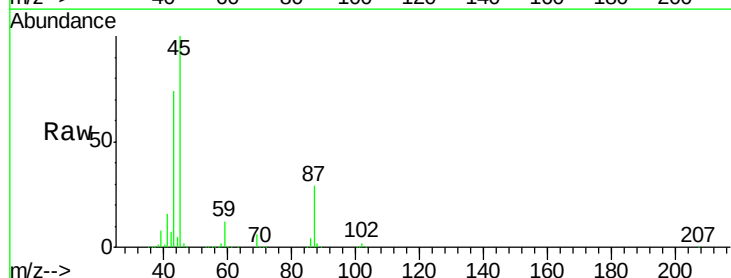
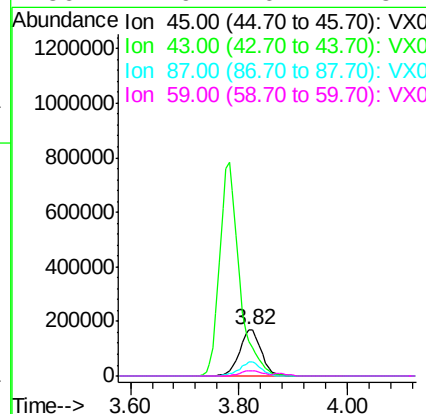
RT: 3.82 min Scan# 448

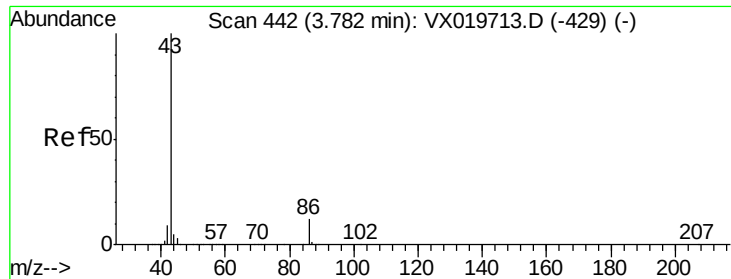
Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

Tgt Ion:	45	Resp:	470828
Ion	Ratio	Lower	Upper
45	100		
43	74.0	58.0	87.0
87	29.4	25.4	38.0
59	11.9	10.2	15.2





#23

Vinyl Acetate

Concen: 270.379 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1978629

Ion Ratio Lower Upper

43 100

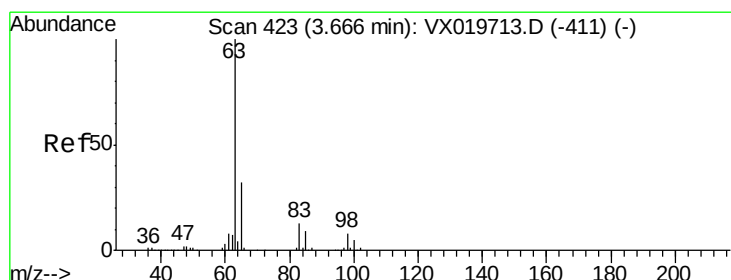
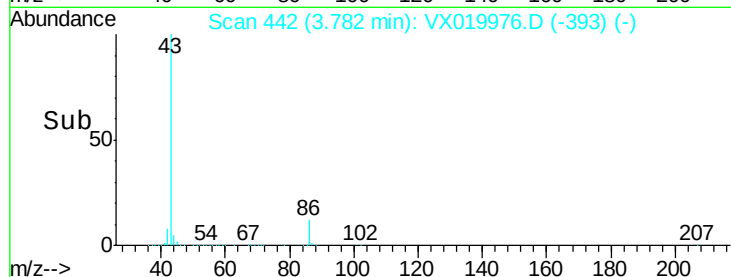
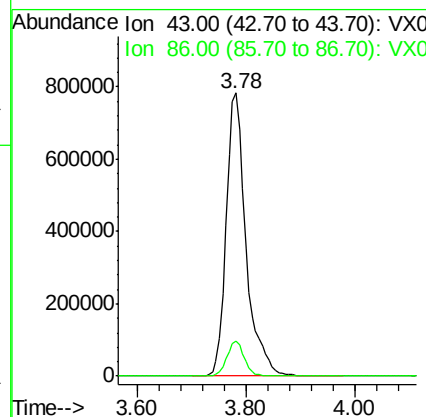
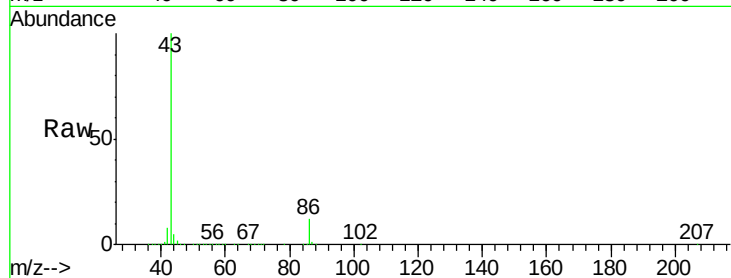
86 12.3 9.9 14.9

Manual Integrations

APPROVED

MMDadoda

12/15/2020 5:33:48 PM



#24

1,1-Dichloroethane

Concen: 52.744 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

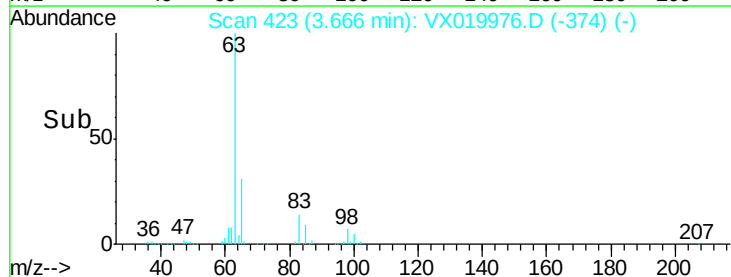
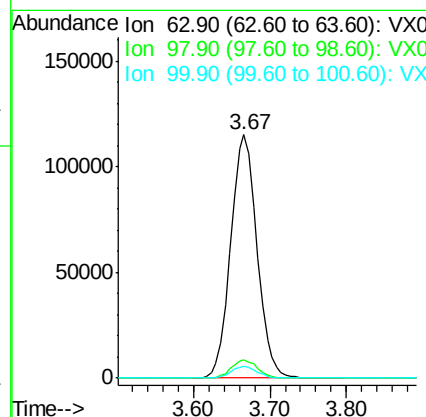
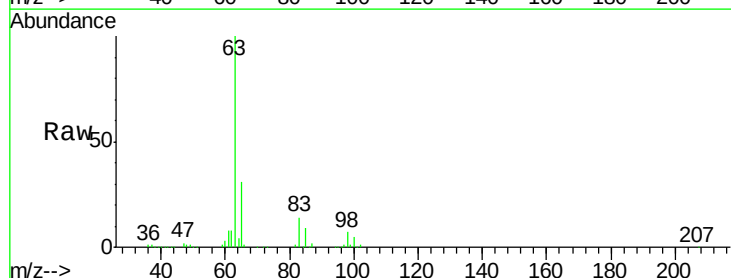
Tgt Ion: 63 Resp: 273204

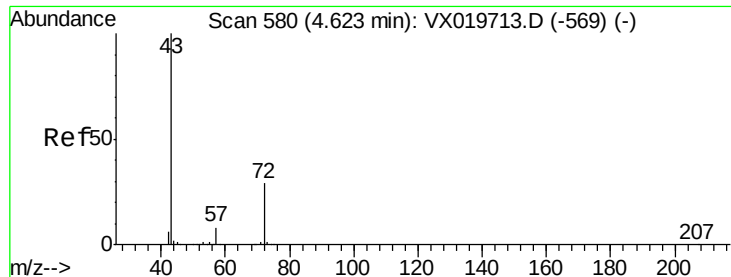
Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.2

100 4.7 2.5 7.5





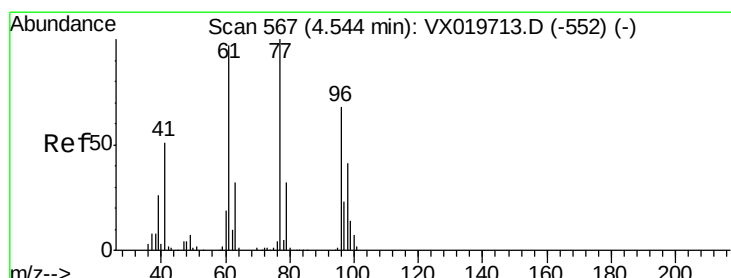
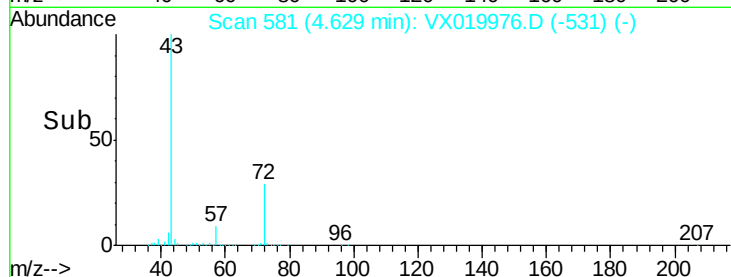
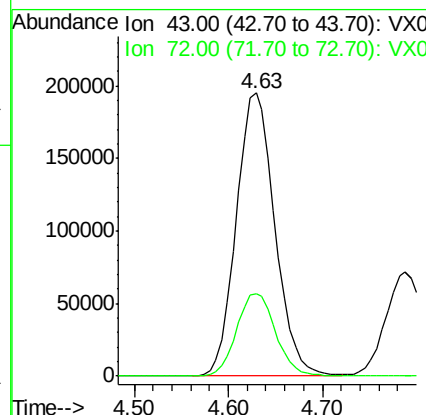
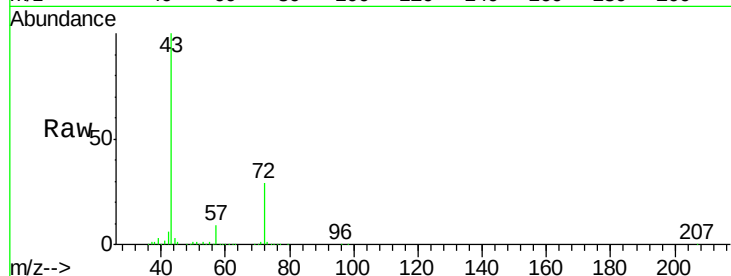
#25
2-Butanone
Concen: 265.189 ug/l
RT: 4.63 min Scan# 581
Delta R.T. 0.01 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 552679
Ion Ratio Lower Upper
43 100
72 28.8 23.7 35.5

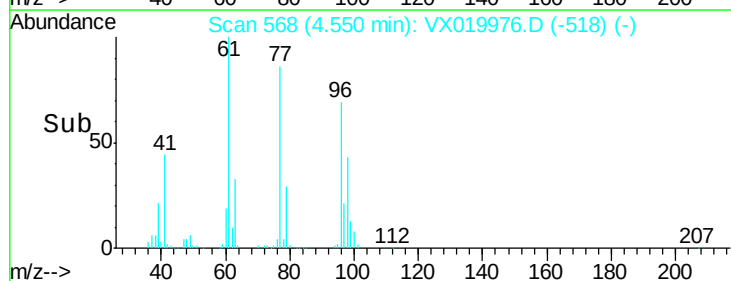
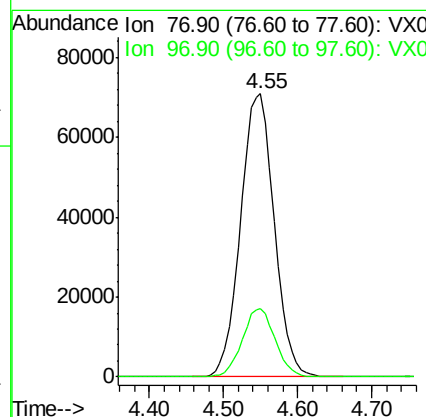
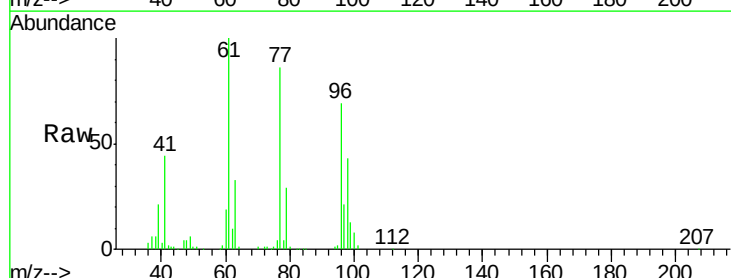
Manual Integrations
APPROVED

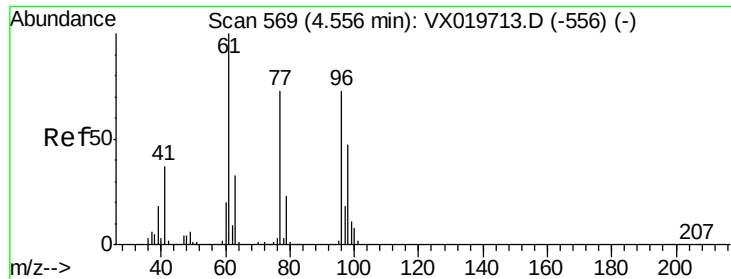
MMDadoda
12/15/2020 5:33:48 PM



#26
2,2-Dichloropropane
Concen: 50.373 ug/l
RT: 4.55 min Scan# 568
Delta R.T. 0.01 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Tgt Ion: 77 Resp: 224698
Ion Ratio Lower Upper
77 100
97 23.5 11.7 35.1





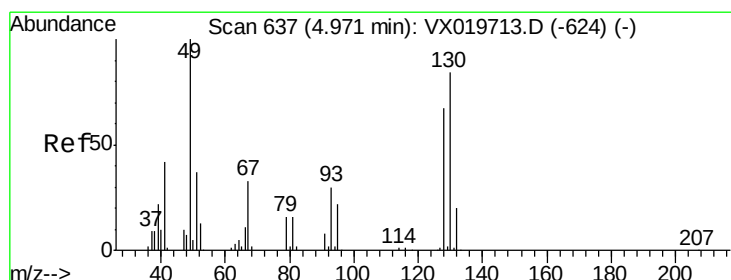
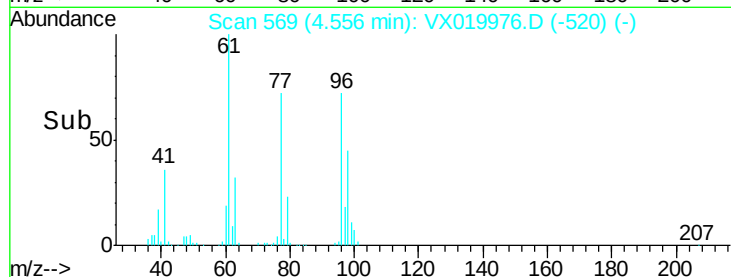
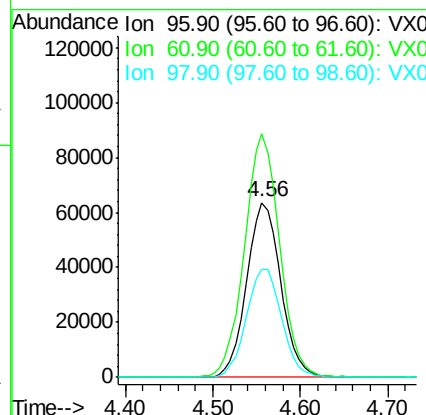
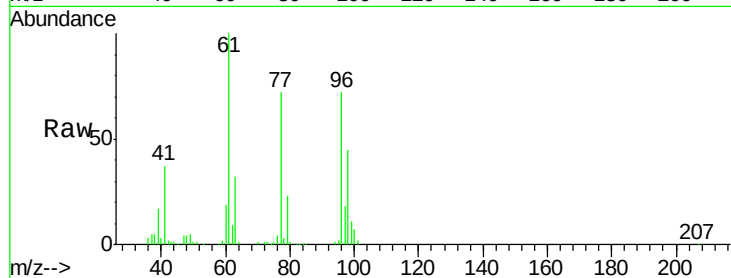
#27
 cis-1,2-Dichloroethene
 Concen: 50.463 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: VX019976.D
 Acq: 14 Dec 2020 10:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	144.0	0.0	285.6	
98	64.3	0.0	129.6	

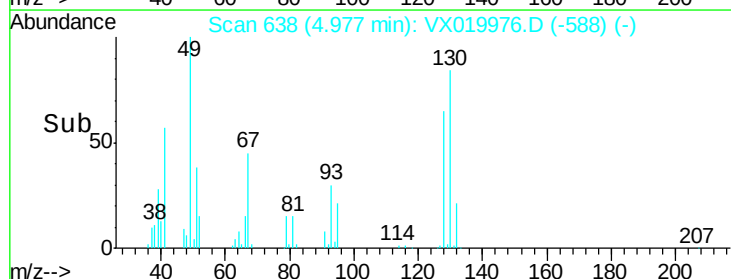
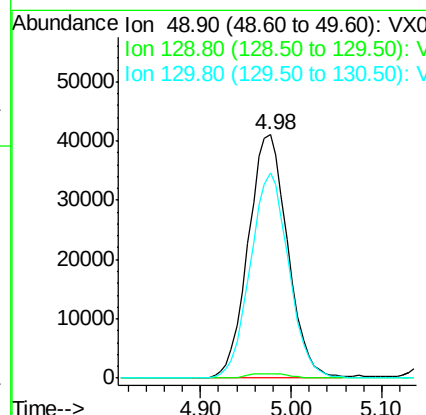
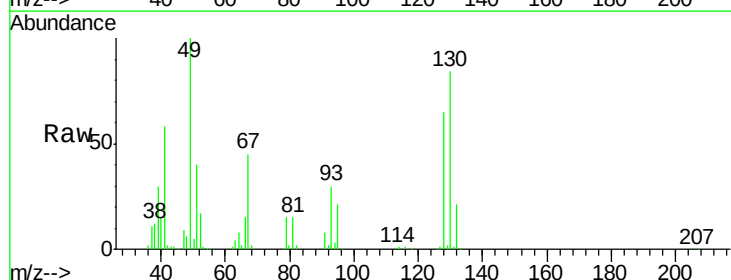
Manual Integrations
 APPROVED

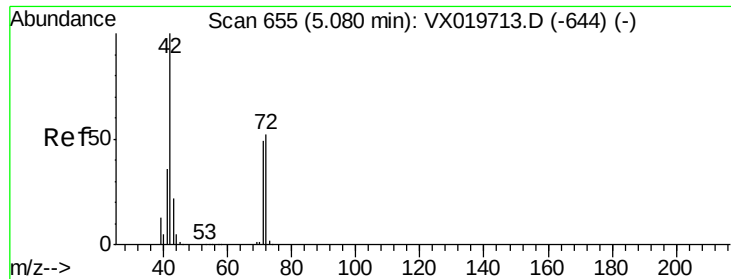
MMDadoda
 12/15/2020 5:33:48 PM



#28
 Bromochloromethane
 Concen: 50.023 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. 0.01 min
 Lab File: VX019976.D
 Acq: 14 Dec 2020 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.9	0.0	4.0	
130	82.7	68.2	102.2	





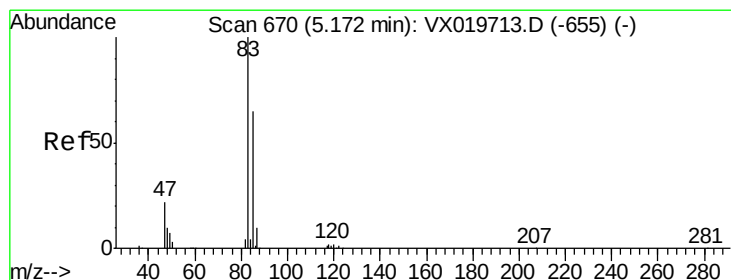
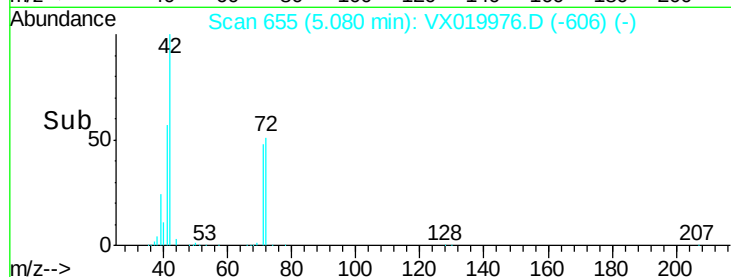
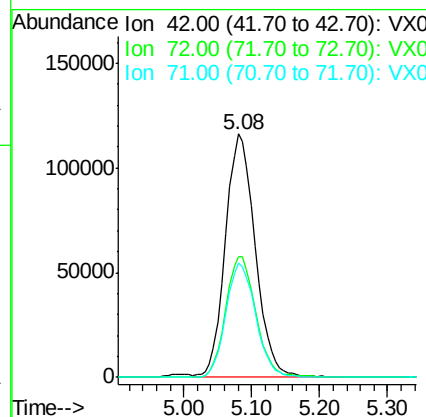
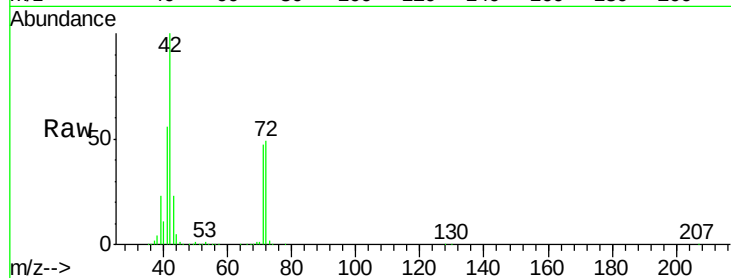
#29
Tetrahydrofuran
Concen: 261.966 ug/l
RT: 5.08 min Scan# 655
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.8	41.7	62.5
71	47.1	38.4	57.6

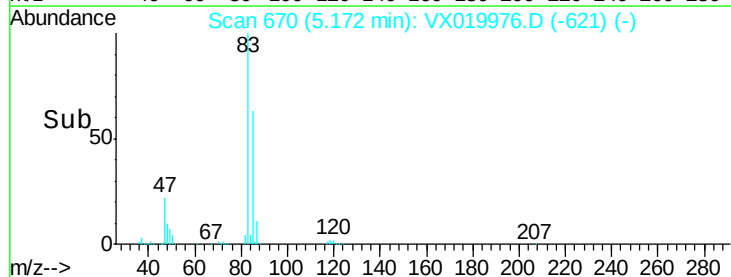
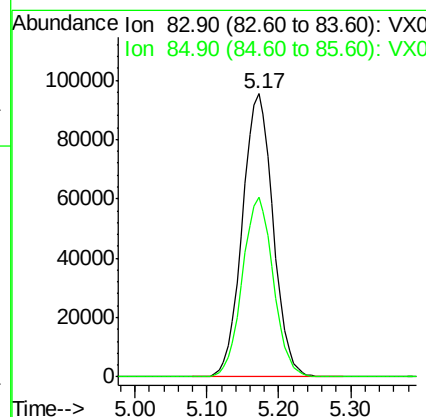
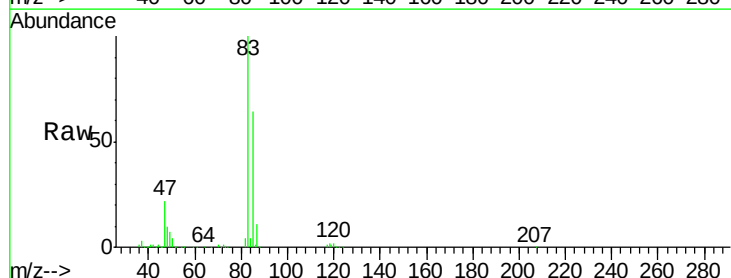
Manual Integrations
APPROVED

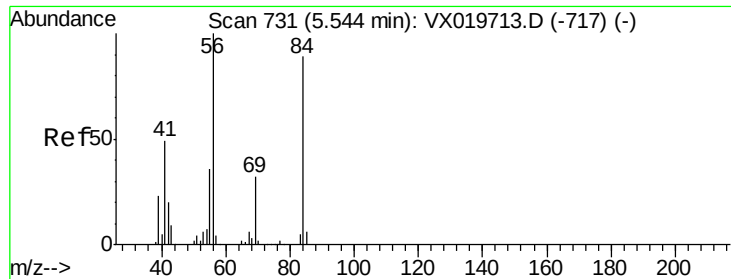
MMDadoda
12/15/2020 5:33:48 PM



#30
Chloroform
Concen: 53.033 ug/l
RT: 5.17 min Scan# 670
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	52.0	78.0





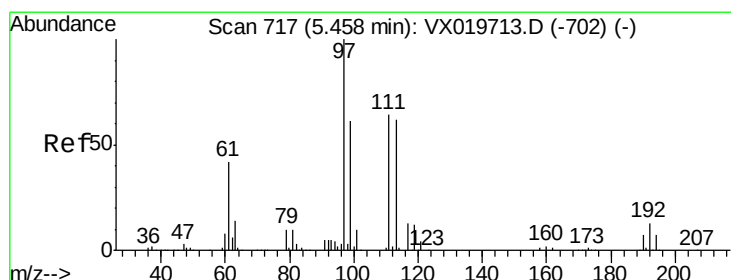
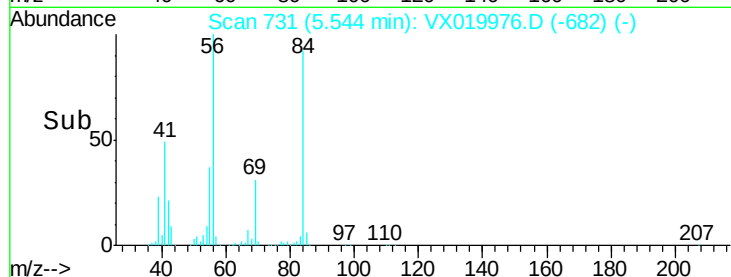
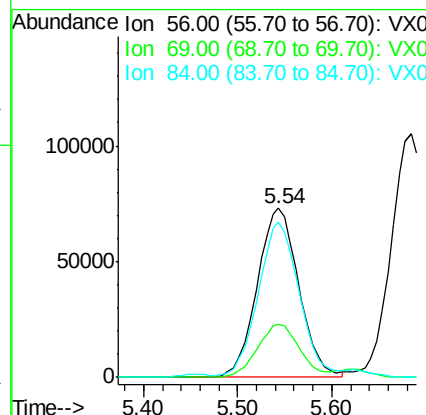
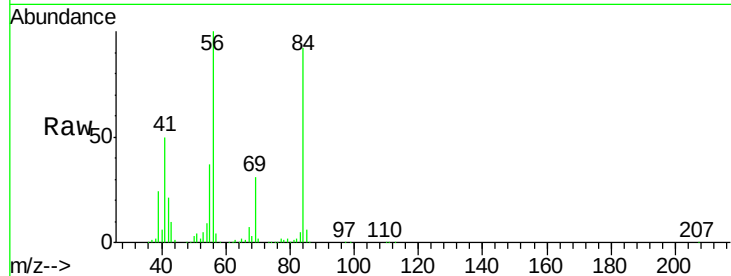
#31
Cyclohexane
Concen: 50.253 ug/l
RT: 5.54 min Scan# 731
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.1	25.3	37.9
84	90.2	71.4	107.0

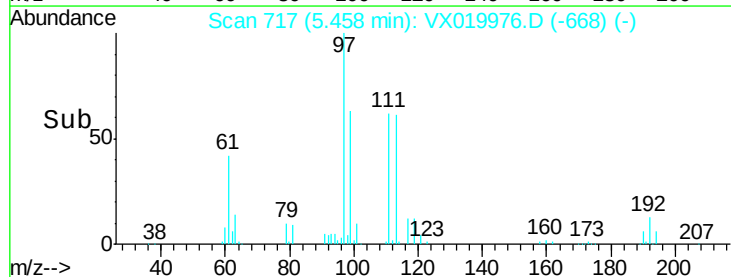
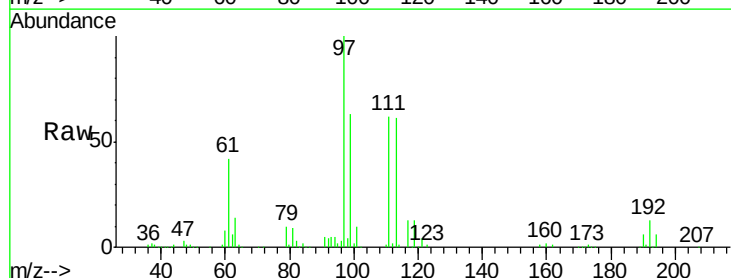
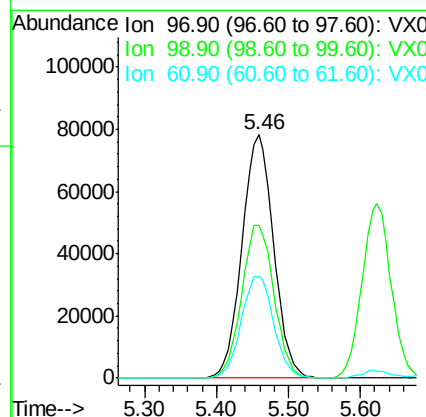
Manual Integrations
APPROVED

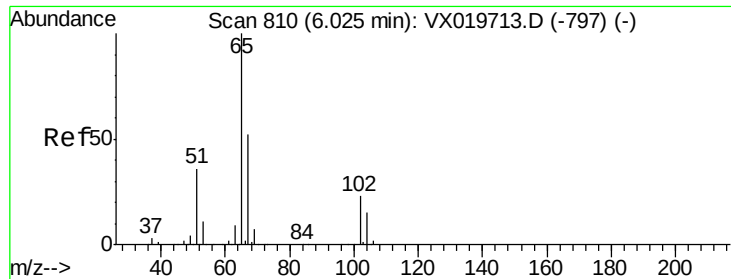
MMDadoda
12/15/2020 5:33:48 PM



#32
1,1,1-Trichloroethane
Concen: 52.062 ug/l
RT: 5.46 min Scan# 717
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.5	77.3
61	43.1	34.2	51.4





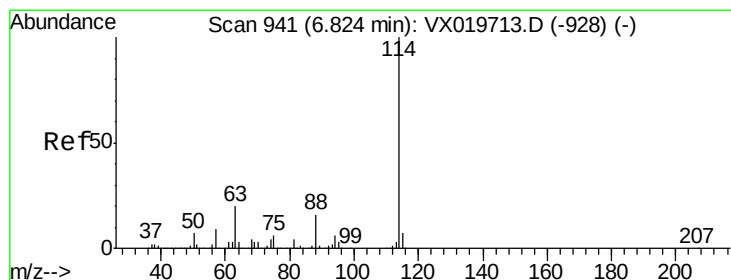
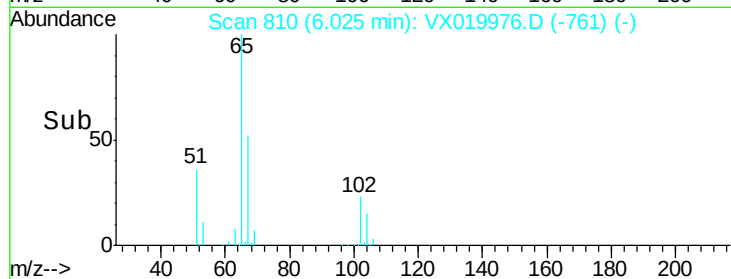
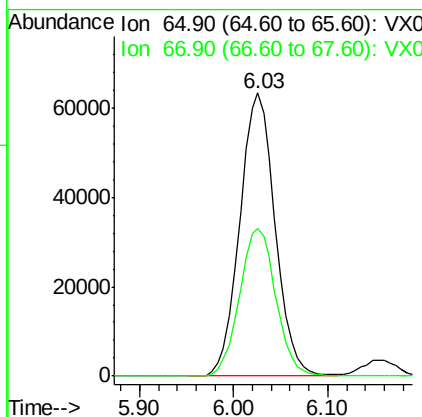
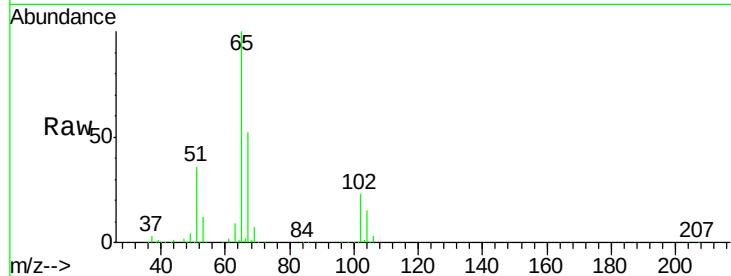
#33
 1,2-Dichloroethane-d4
 Concen: 46.103 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: VX019976.D
 Acq: 14 Dec 2020 10:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	166356		
67	53.6	0.0	105.4	

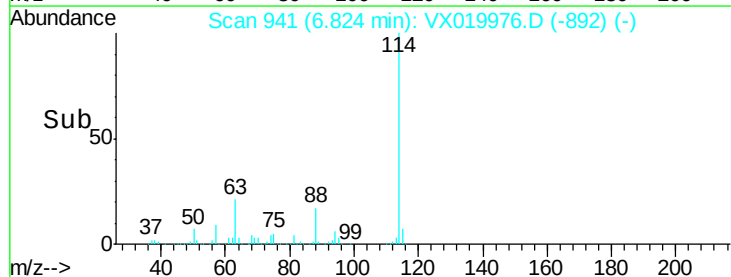
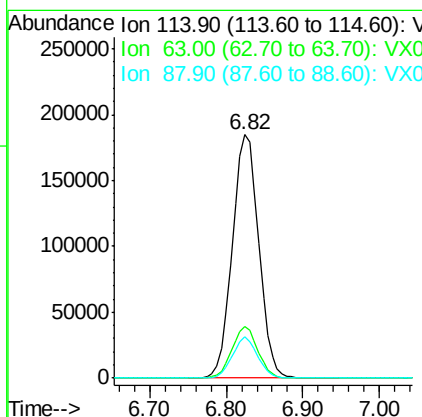
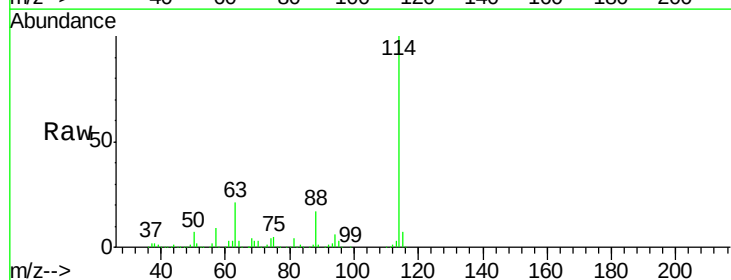
Manual Integrations
 APPROVED

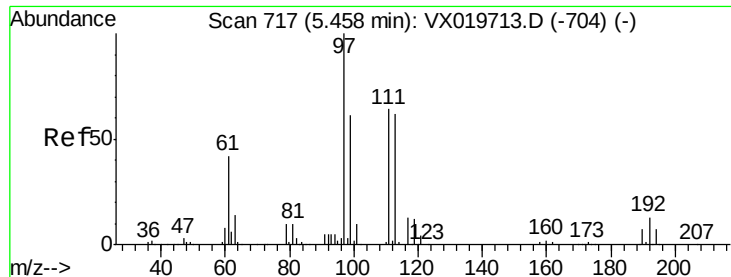
MMDadoda
 12/15/2020 5:33:48 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. 0.00 min
 Lab File: VX019976.D
 Acq: 14 Dec 2020 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	441030		
63	21.3	0.0	40.8	
88	16.9	0.0	32.8	





#35

Dibromofluoromethane

Concen: 47.690 ug/l

RT: 5.46 min Scan# 717

Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

Instrument :

MSVOA_X

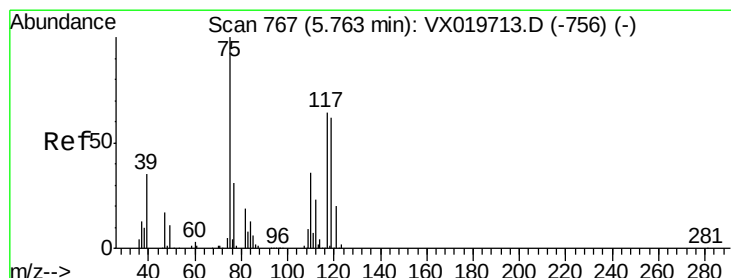
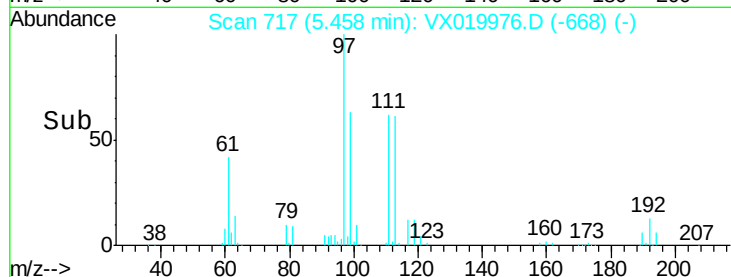
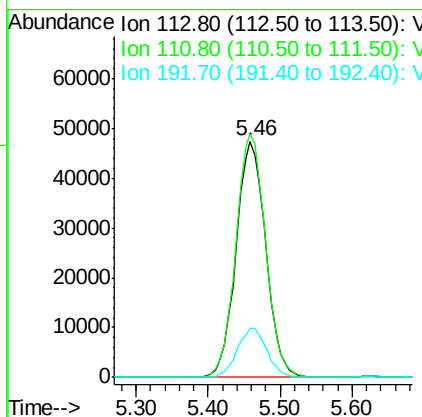
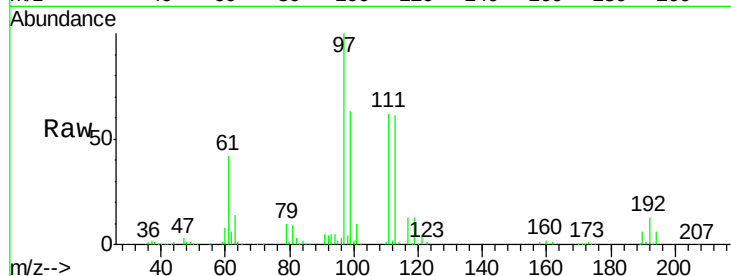
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	135931
Ion Ratio	Lower	Upper	
113	100		
111	102.7	81.9	122.9
192	21.0	16.7	25.1

Manual Integrations
APPROVED

MMDadoda
12/15/2020 5:33:48 PM



#36

1,1-Dichloropropene

Concen: 51.102 ug/l

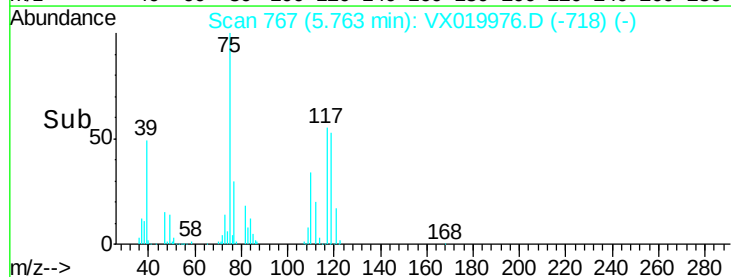
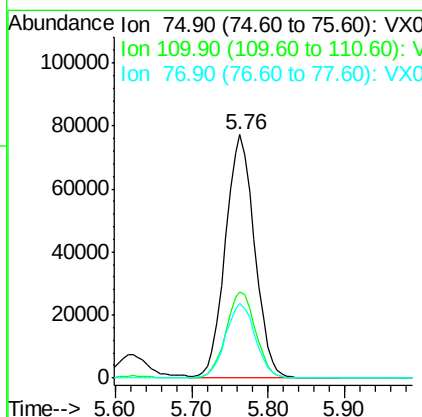
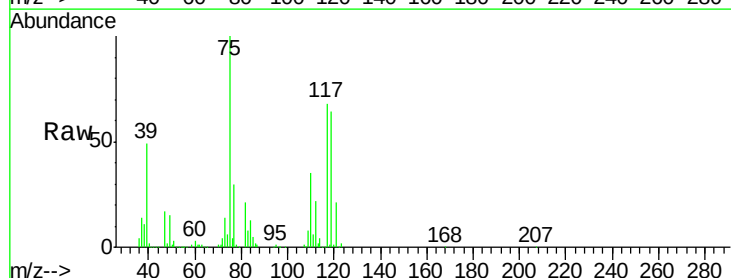
RT: 5.76 min Scan# 767

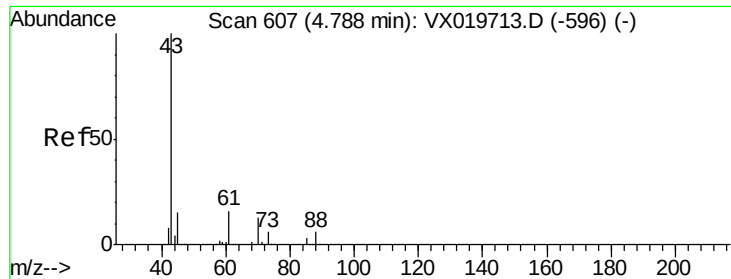
Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

Tgt Ion:	75	Resp:	203655
Ion Ratio	Lower	Upper	
75	100		
110	35.9	18.1	54.4
77	31.1	25.3	37.9





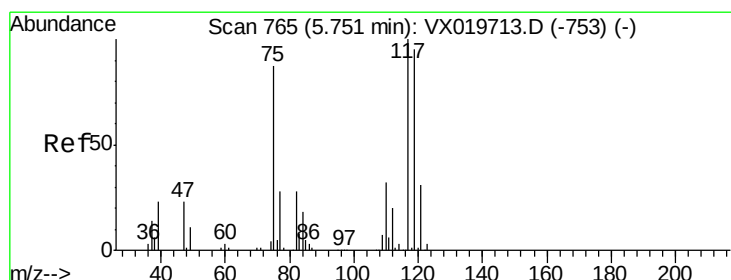
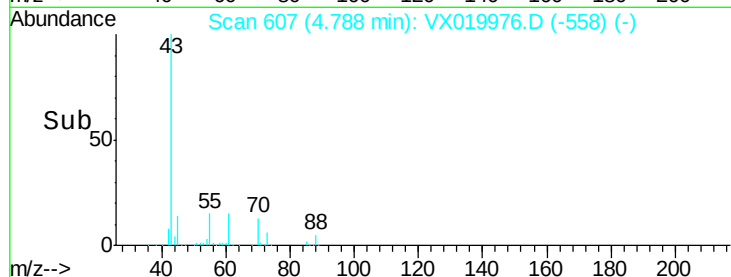
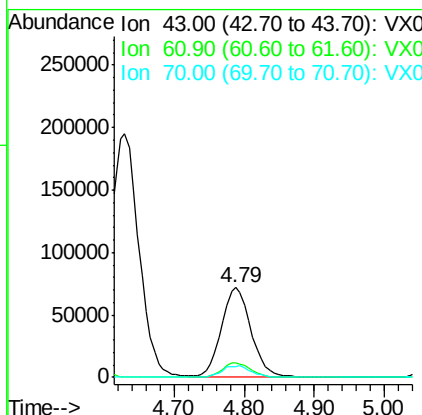
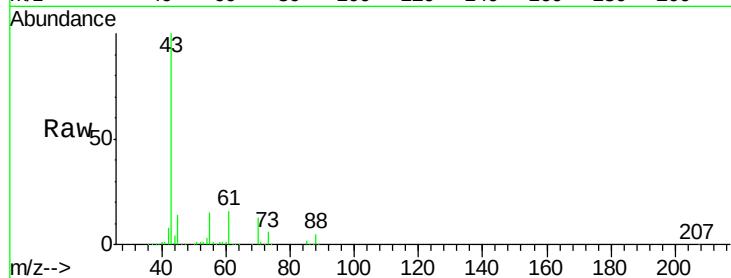
#37
Ethyl Acetate
Concen: 52.557 ug/l
RT: 4.79 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.8	12.8	19.2
70	12.8	10.5	15.7

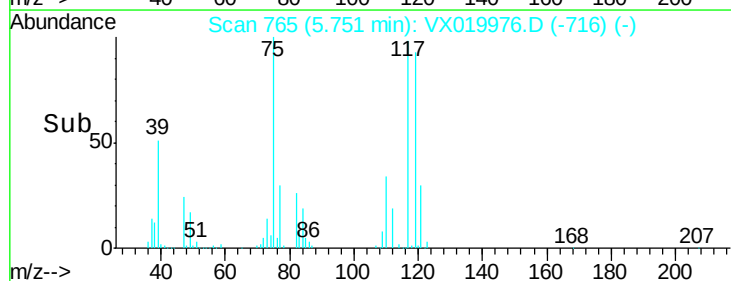
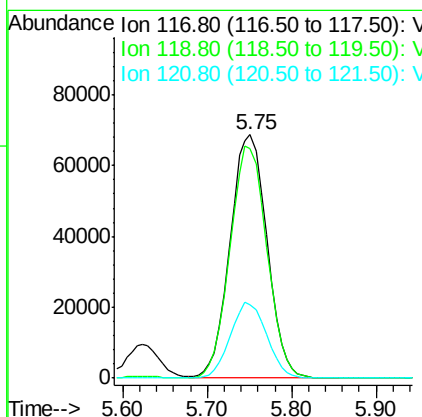
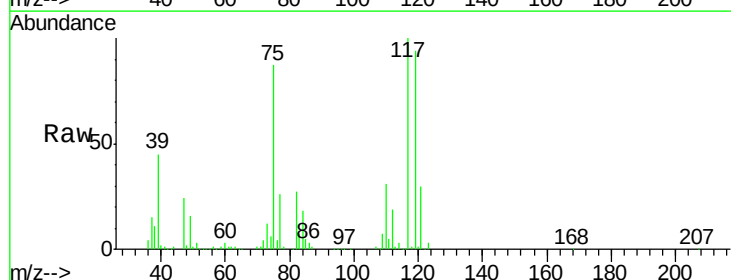
Manual Integrations
APPROVED

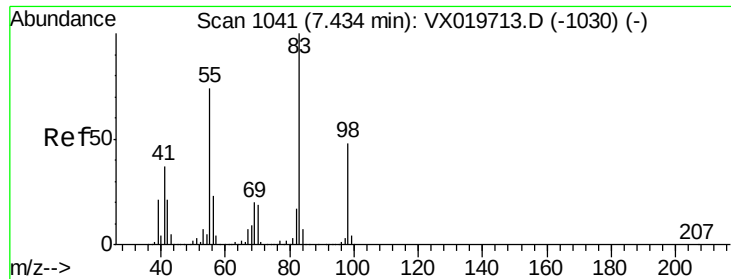
MMDadoda
12/15/2020 5:33:48 PM



#38
Carbon Tetrachloride
Concen: 52.227 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	76.2	114.2
121	30.4	24.8	37.2





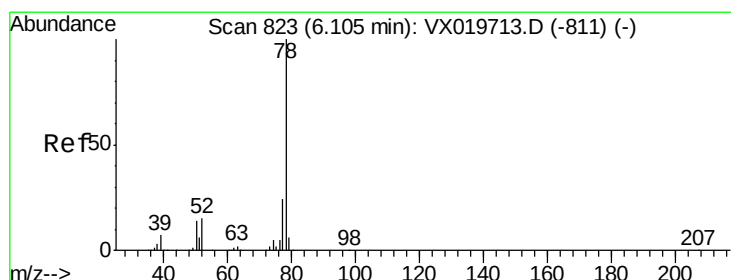
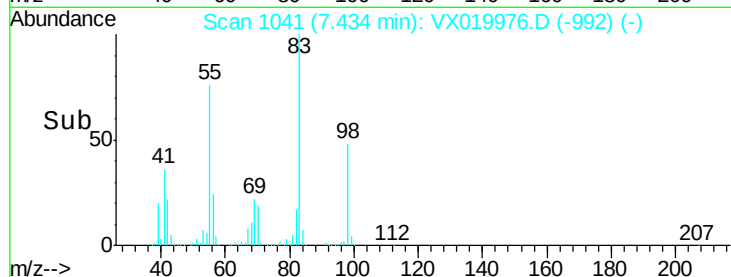
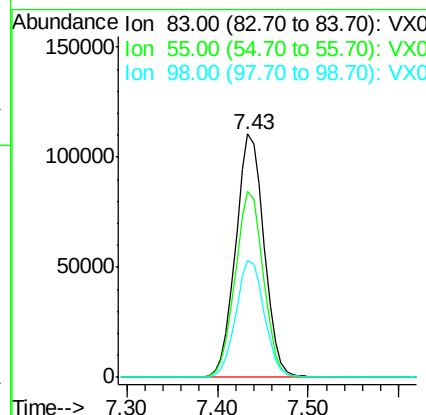
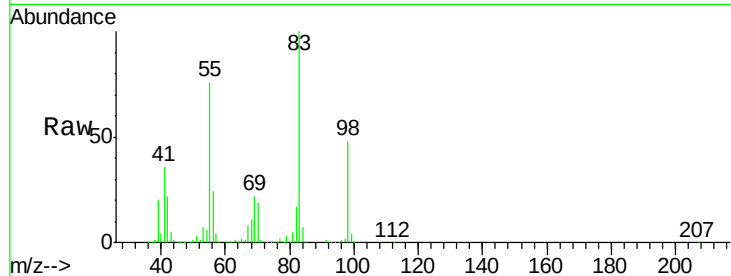
#39
Methylvlcyclohexane
Concen: 51.344 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	240403		
55	76.4		58.9	88.3
98	48.1		38.1	57.1

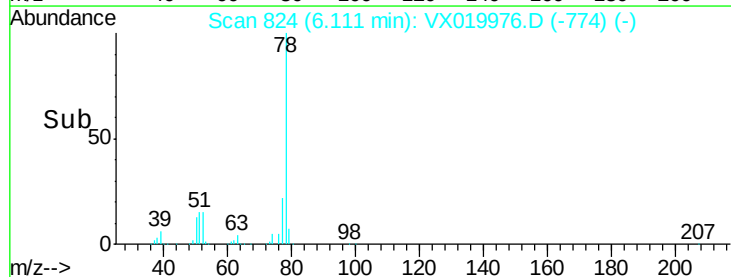
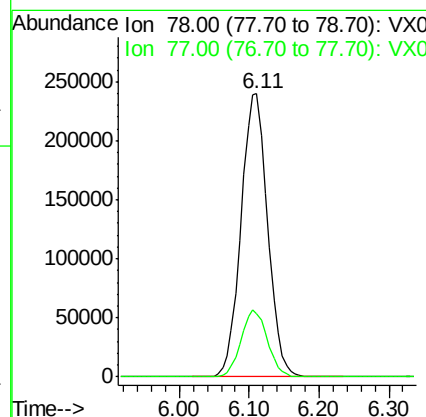
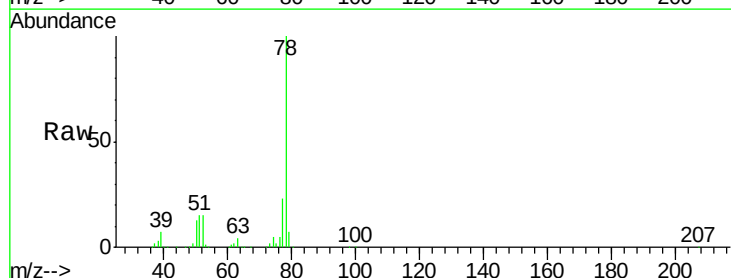
Manual Integrations
APPROVED

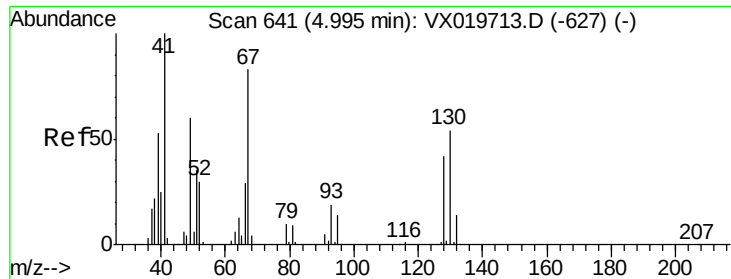
MMDadoda
12/15/2020 5:33:48 PM



#40
Benzene
Concen: 51.934 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	632236		
77	22.5		18.9	28.3





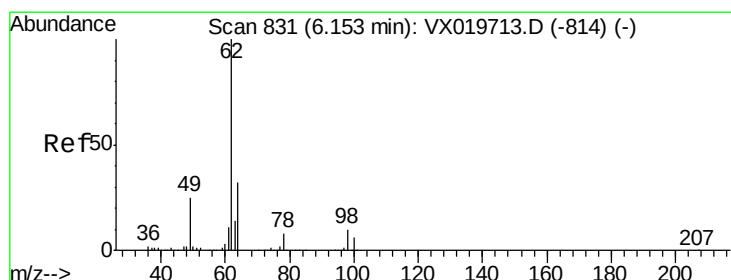
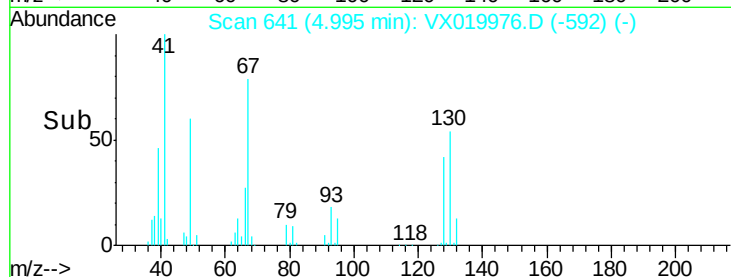
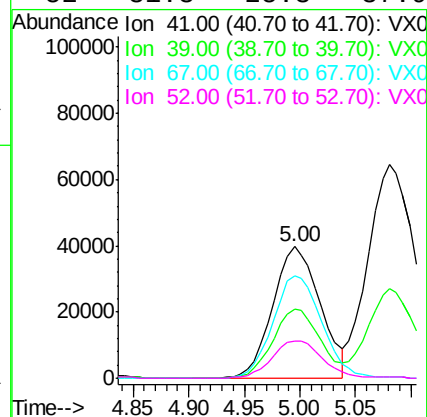
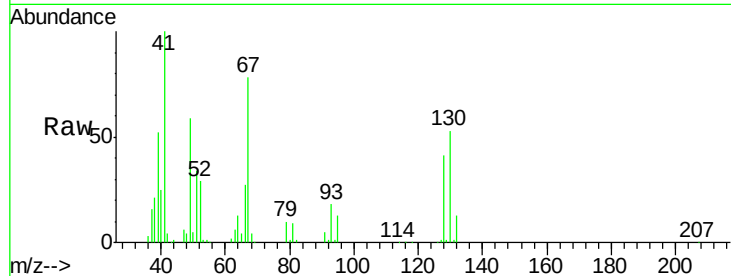
#41
Methacrylonitrile
Concen: 53.332 ug/l
RT: 5.00 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	52.4	42.5	63.7		
67	80.7	65.0	97.6		
52	31.3	25.3	37.9		

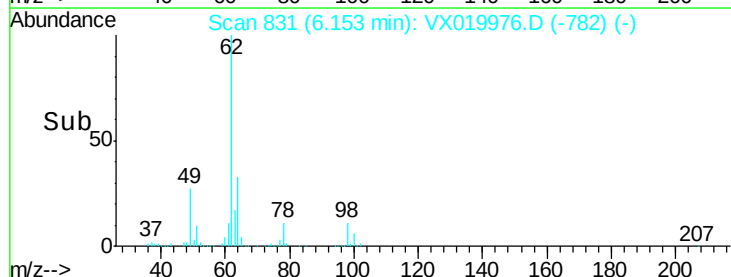
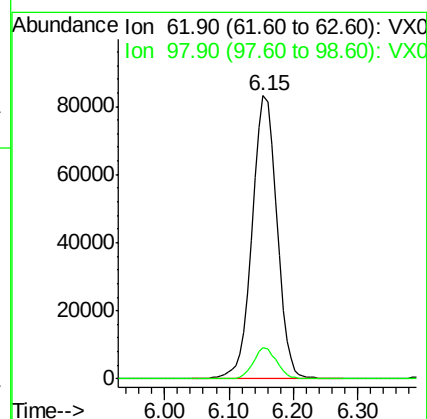
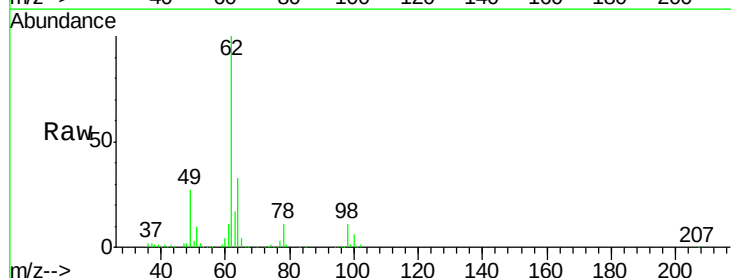
Manual Integrations
APPROVED

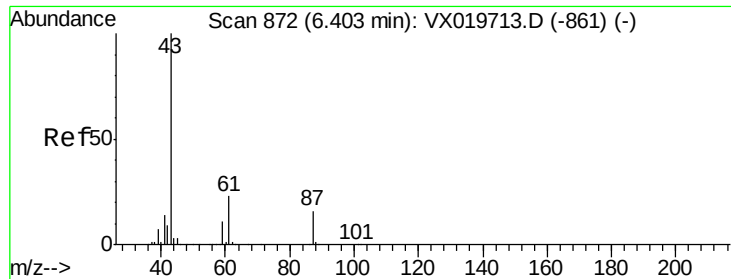
MMDadoda
12/15/2020 5:33:48 PM



#42
1,2-Dichloroethane
Concen: 52.543 ug/l
RT: 6.15 min Scan# 831
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	10.3	0.0	20.2		





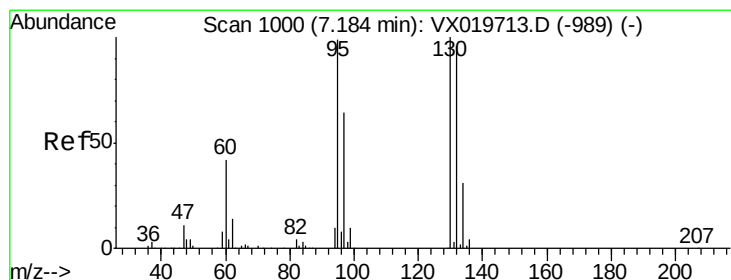
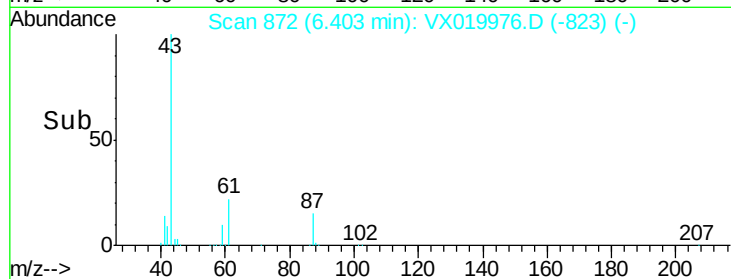
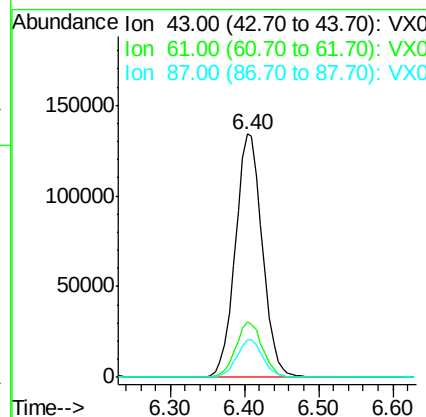
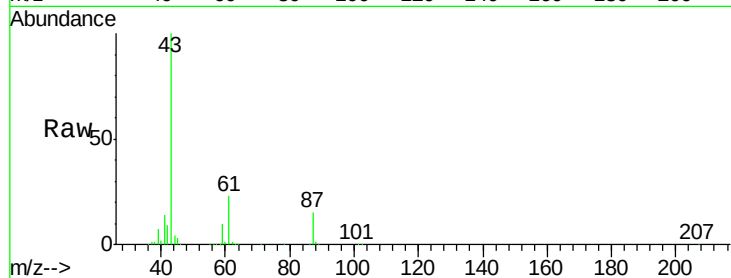
#43
Isopropyl Acetate
Concen: 51.793 ug/l
RT: 6.40 min Scan# 872
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.7	18.2	27.4
87	15.2	12.5	18.7

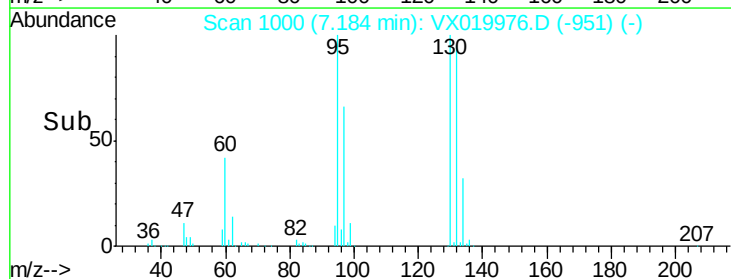
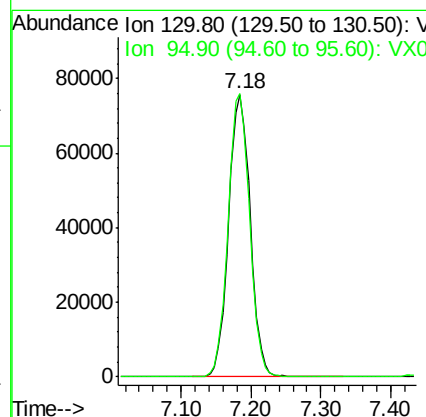
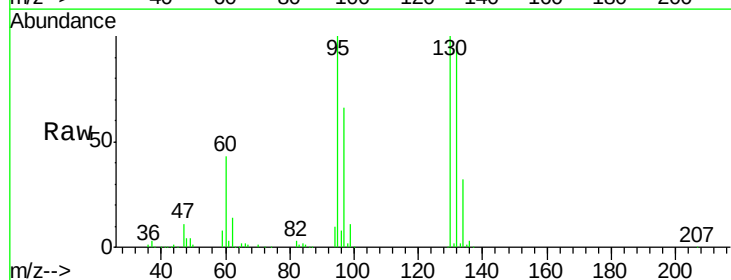
Manual Integrations
APPROVED

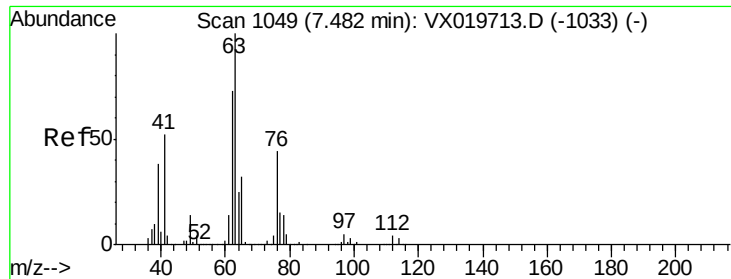
MMDadoda
12/15/2020 5:33:48 PM



#44
Trichloroethene
Concen: 50.799 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.3	0.0	198.0





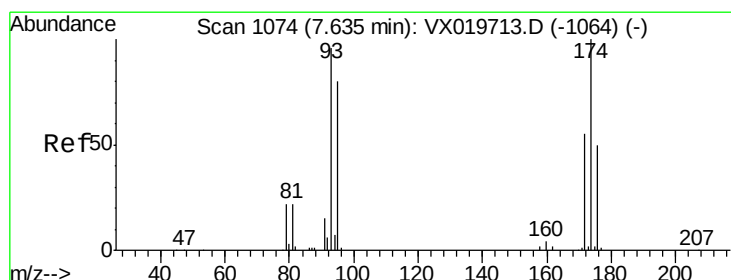
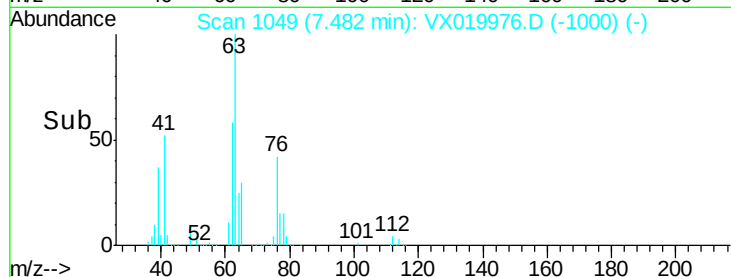
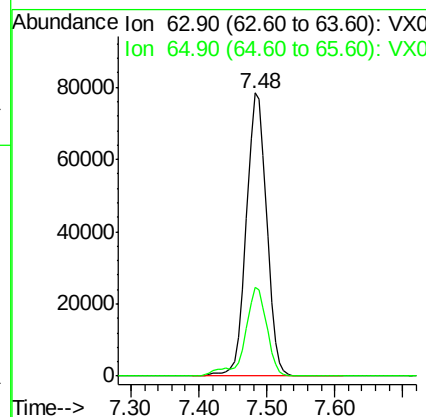
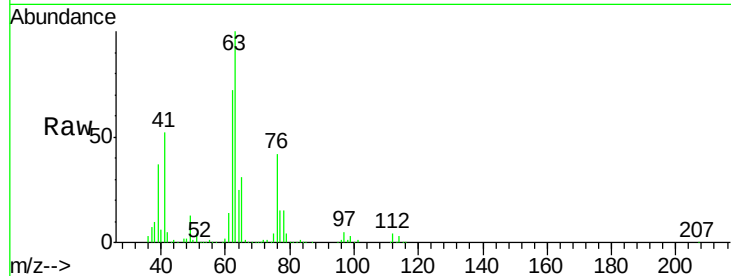
#45
 1,2-Dichloropropane
 Concen: 53.684 ug/l
 RT: 7.48 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: VX019976.D
 Acq: 14 Dec 2020 10:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 163338
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.7 38.5

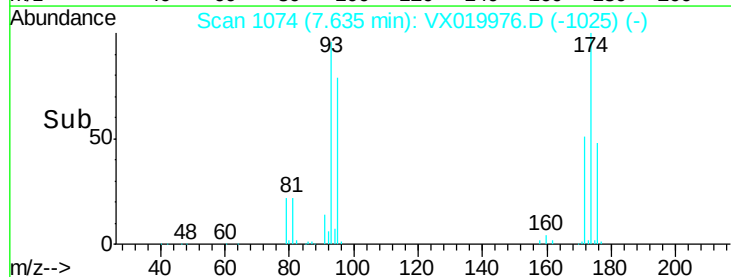
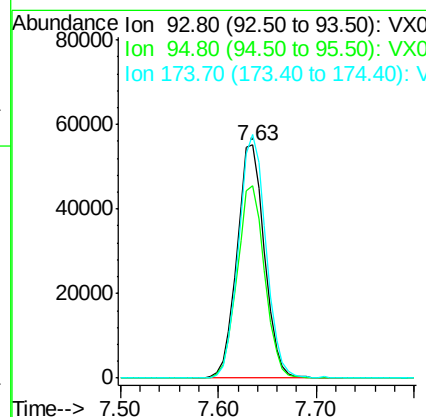
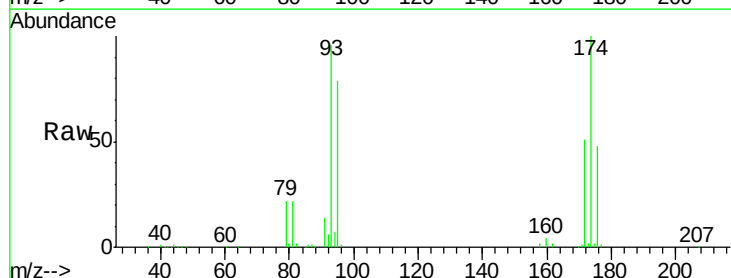
Manual Integrations
 APPROVED

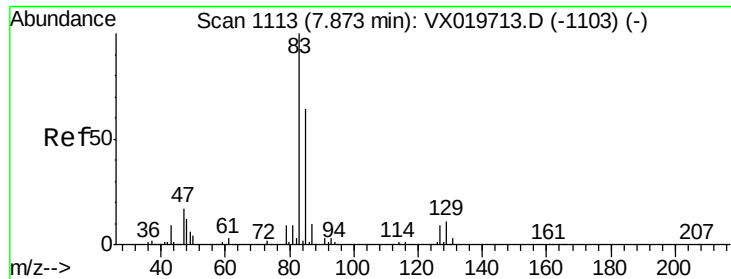
MMDadoda
 12/15/2020 5:33:48 PM



#46
 Dibromomethane
 Concen: 52.406 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VX019976.D
 Acq: 14 Dec 2020 10:51

Tgt Ion: 93 Resp: 107678
 Ion Ratio Lower Upper
 93 100
 95 82.8 66.8 100.2
 174 103.6 83.1 124.7





#47

Bromodichloromethane

Concen: 54.080 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

Instrument :

MSVOA_X

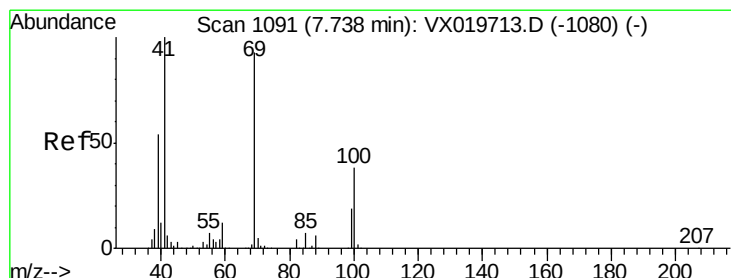
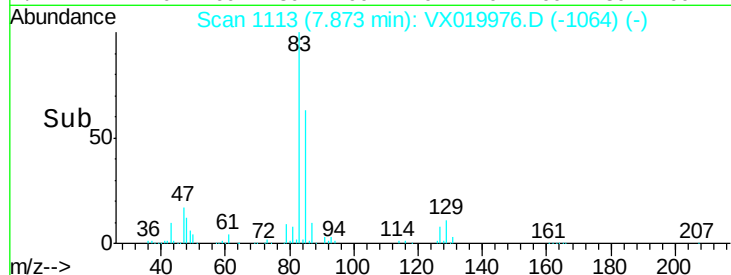
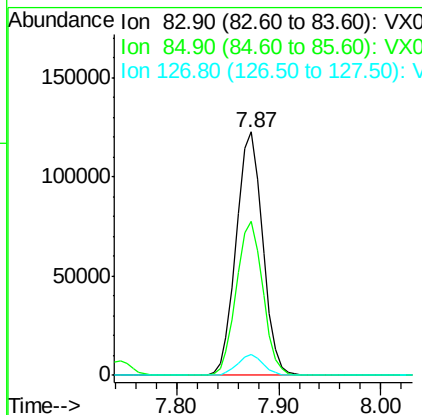
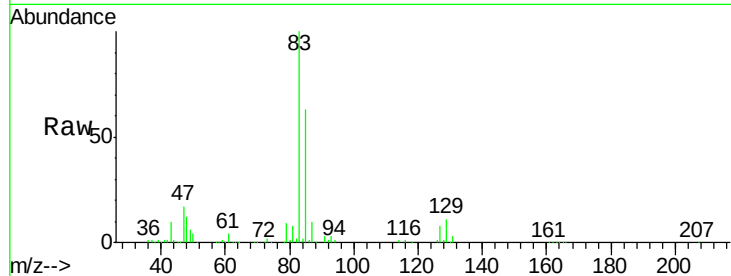
ClientSampleId :

VSTDCCC050

Tot Ion	83	Resp	220495
Ion Ratio	Lower	Upper	
83	100		
85	63.5	51.4	77.0
127	8.4	6.8	10.2

Manual Integrations
APPROVED

MMDadoda
12/15/2020 5:33:48 PM



#48

Methyl methacrylate

Concen: 52.558 ug/l

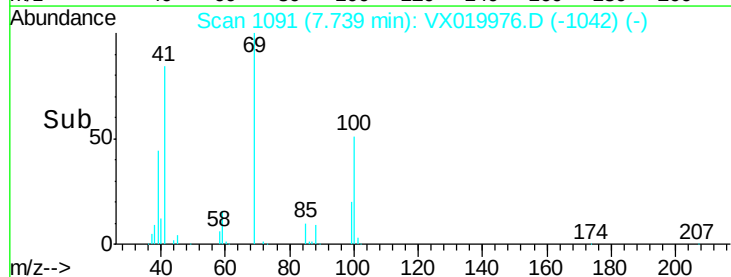
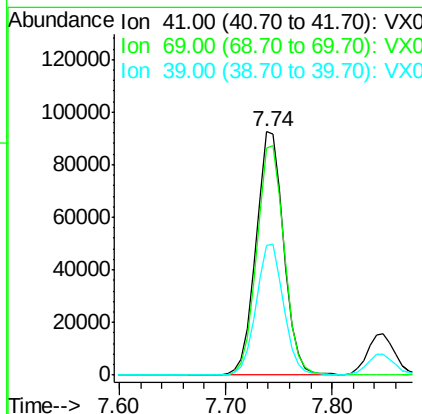
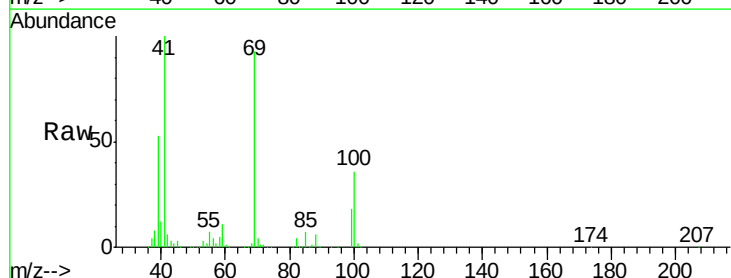
RT: 7.74 min Scan# 1091

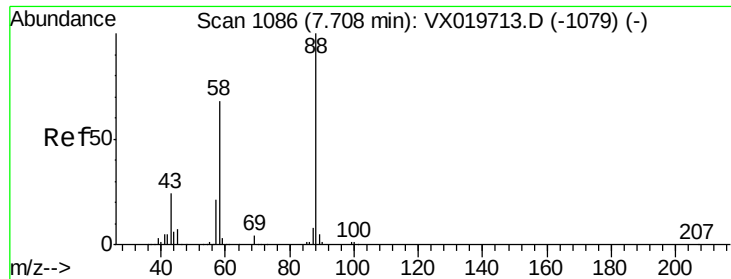
Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

Tgt Ion	41	Resp	169099
Ion Ratio	Lower	Upper	
41	100		
69	93.9	76.0	114.0
39	53.6	44.6	67.0





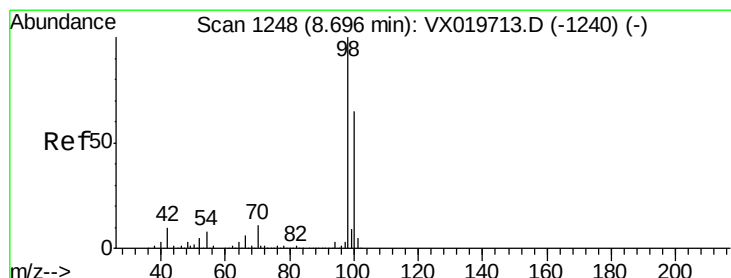
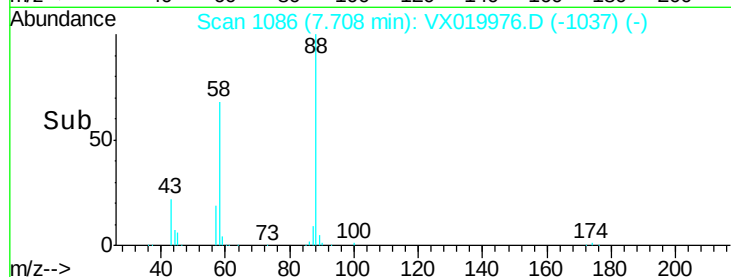
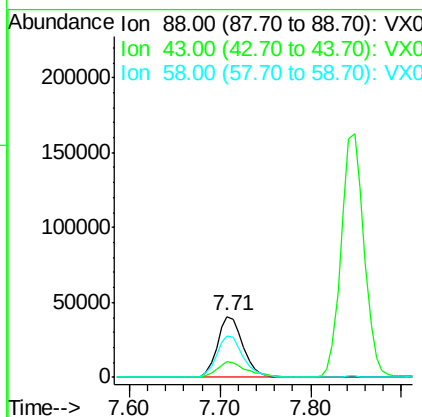
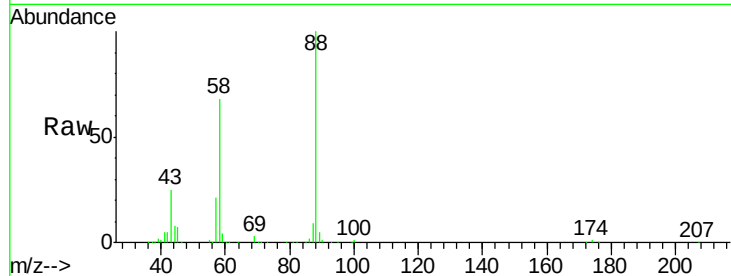
#49
1,4-Dioxane
Concen: 1027.636 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.3	23.2	34.8
58	70.7	55.0	82.4

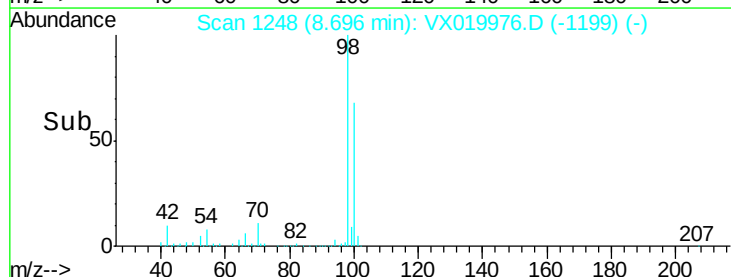
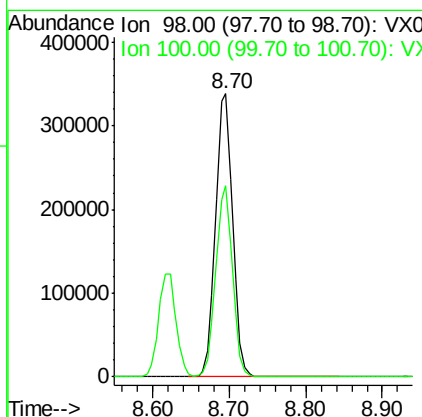
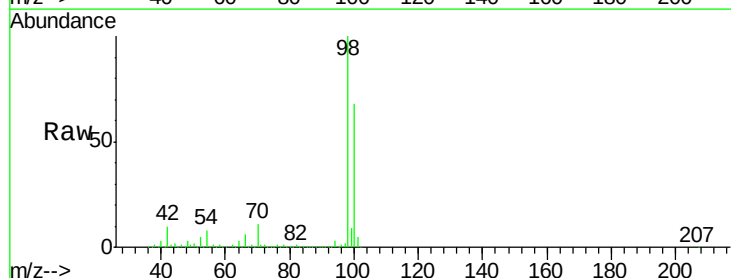
Manual Integrations
APPROVED

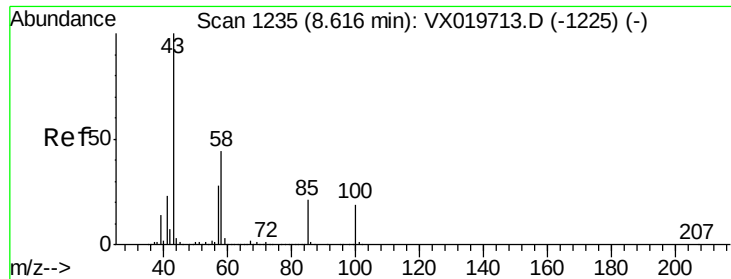
MMDadoda
12/15/2020 5:33:48 PM



#50
Toluene-d8
Concen: 47.907 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	51.9	77.9





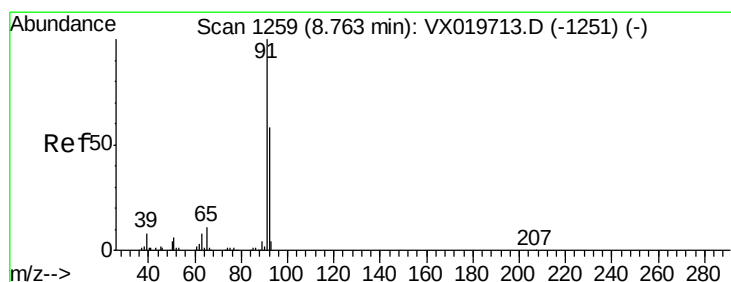
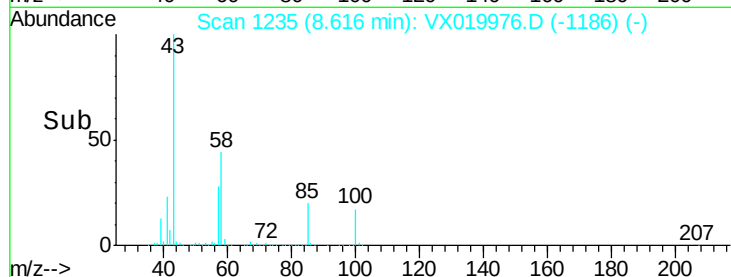
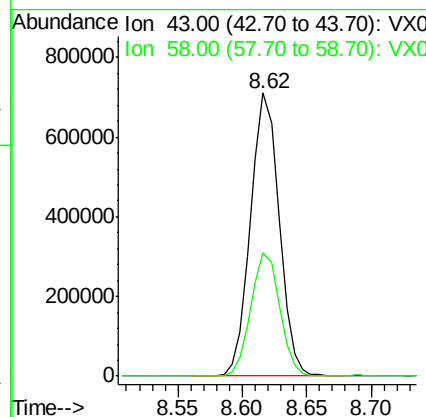
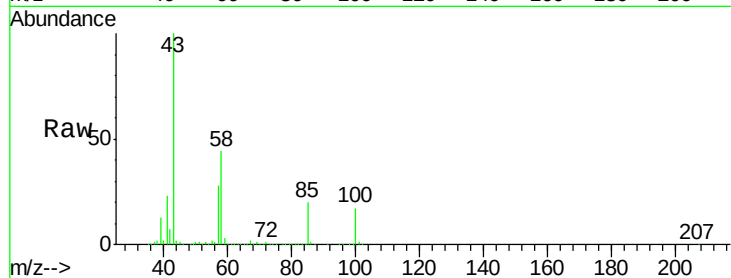
#51
4-Methyl-2-Pentanone
Concen: 273.344 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1091750
Ion Ratio Lower Upper
43 100
58 43.9 35.4 53.0

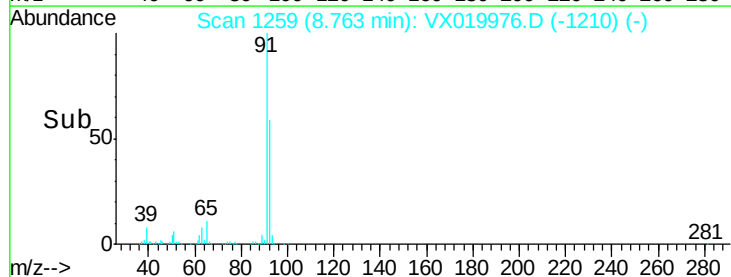
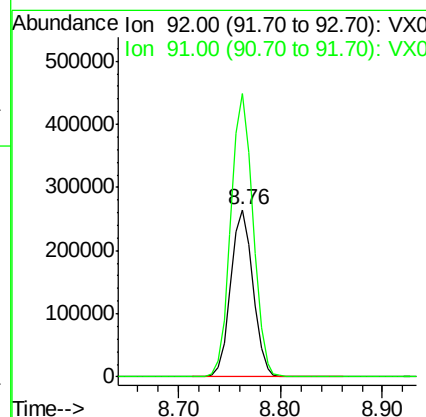
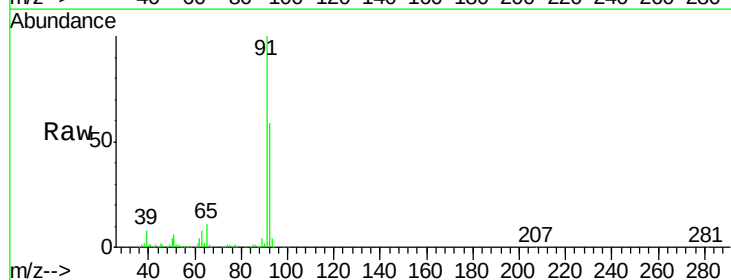
Manual Integrations
APPROVED

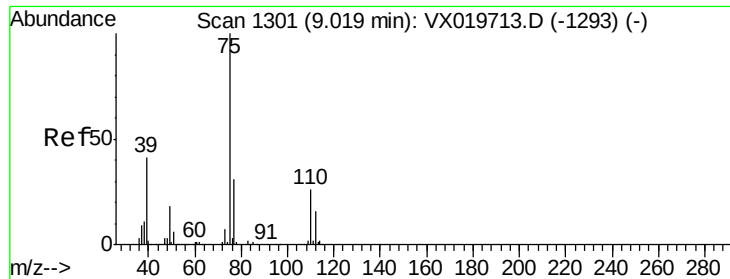
MMDadoda
12/15/2020 5:33:48 PM



#52
Toluene
Concen: 52.169 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Tgt Ion: 92 Resp: 397218
Ion Ratio Lower Upper
92 100
91 169.7 137.1 205.7





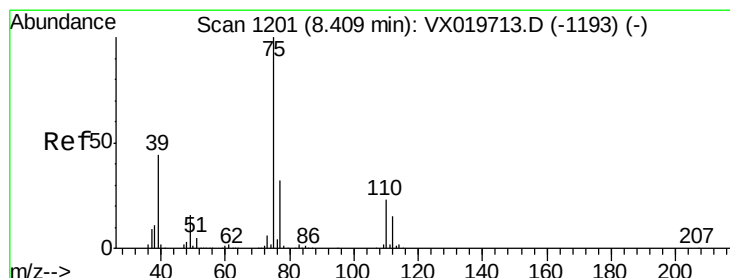
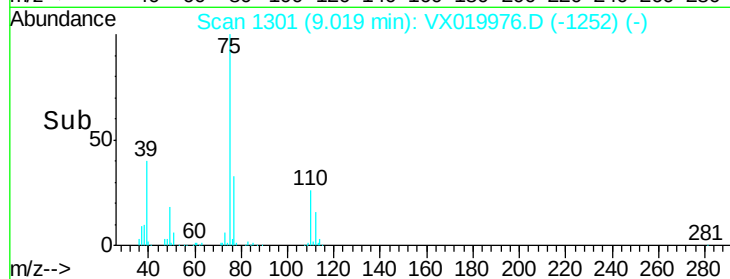
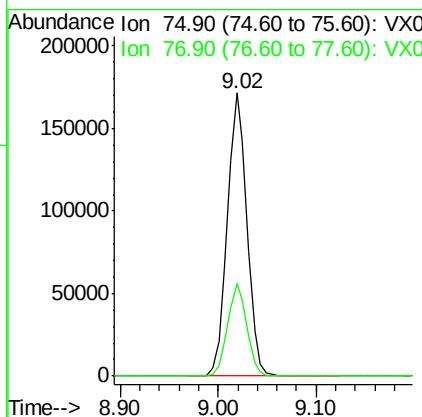
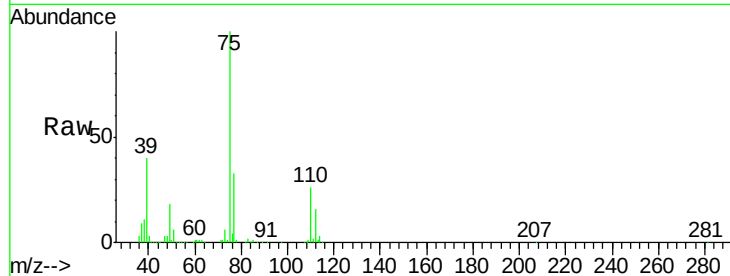
#53
 t-1,3-Dichloropropene
 Concen: 52.714 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: VX019976.D
 Acq: 14 Dec 2020 10:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
75	100	238501		
77	32.7	24.9	37.3	

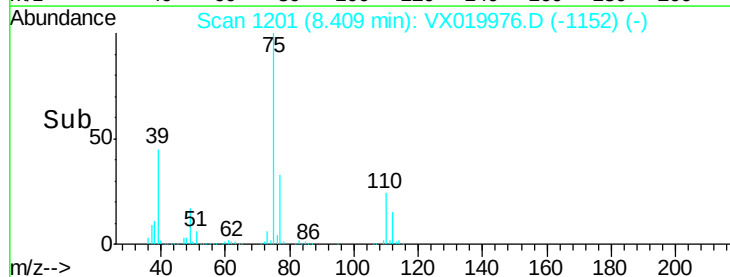
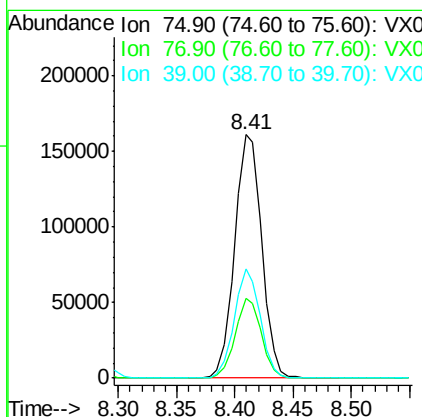
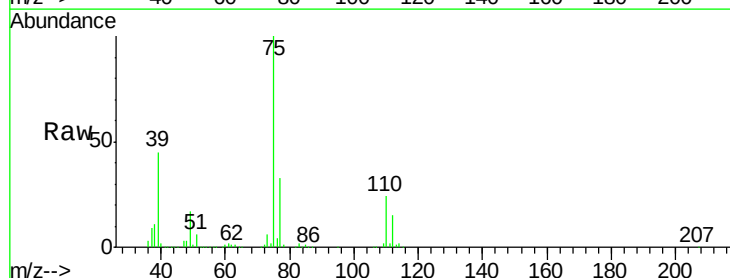
Manual Integrations
 APPROVED

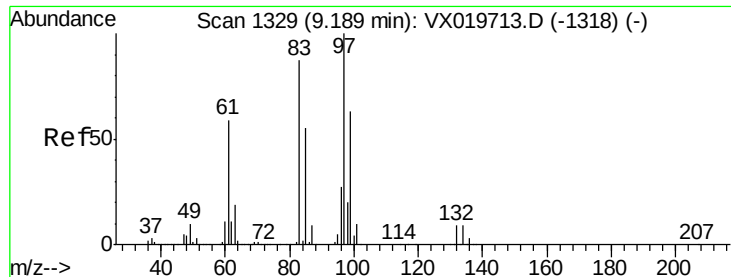
MMDadoda
 12/15/2020 5:33:48 PM



#54
 cis-1,3-Dichloropropene
 Concen: 53.157 ug/l
 RT: 8.41 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: VX019976.D
 Acq: 14 Dec 2020 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	261287		
77	32.8	25.7	38.5	
39	44.8	35.1	52.7	





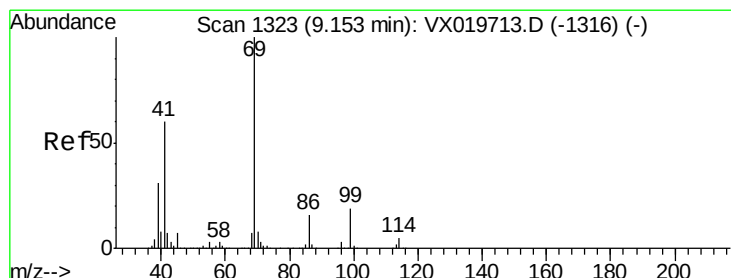
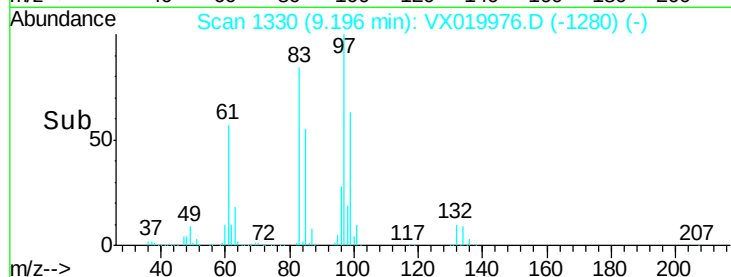
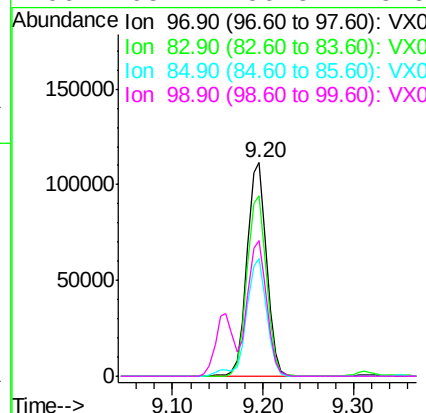
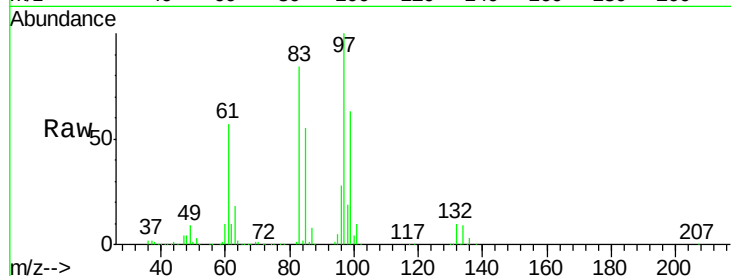
#55
 1,1,2-Trichloroethane
 Concen: 54.241 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX019976.D
 Acq: 14 Dec 2020 10:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	166432
Ion	Ratio	Lower	Upper
97	100		
83	84.3	69.3	103.9
85	55.1	44.3	66.5
99	63.4	50.3	75.5

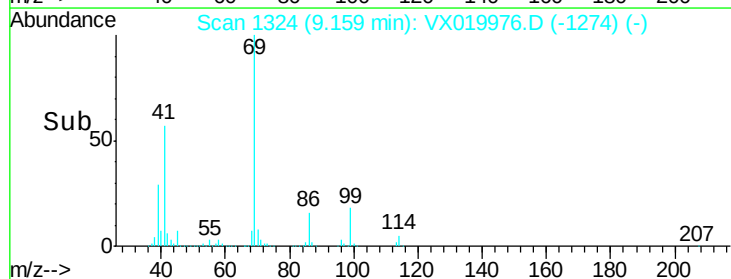
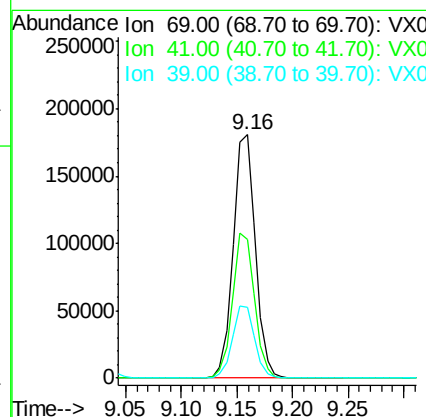
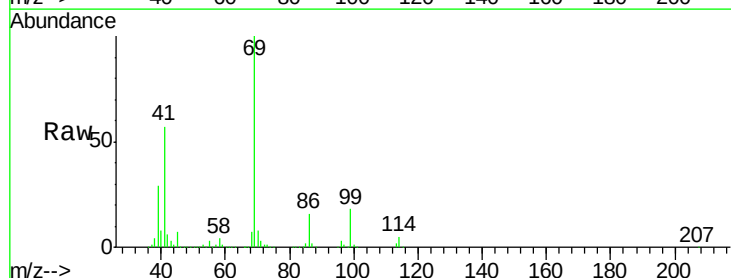
Manual Integrations
 APPROVED

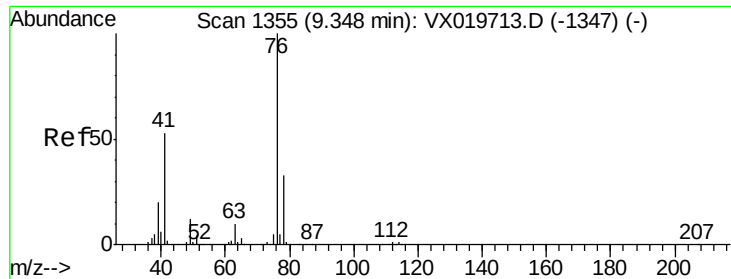
MMDadoda
 12/15/2020 5:33:48 PM



#56
 Ethyl methacrylate
 Concen: 53.497 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX019976.D
 Acq: 14 Dec 2020 10:51

Tgt Ion:	69	Resp:	248350
Ion	Ratio	Lower	Upper
69	100		
41	59.1	46.8	70.2
39	29.8	24.7	37.1





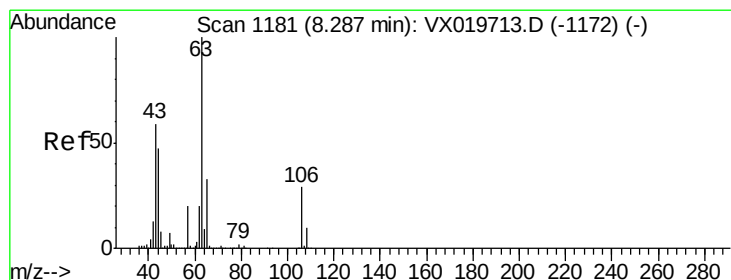
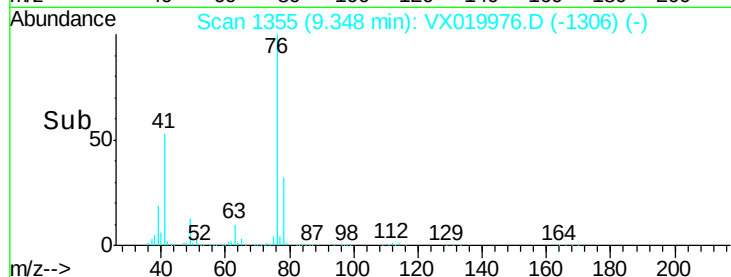
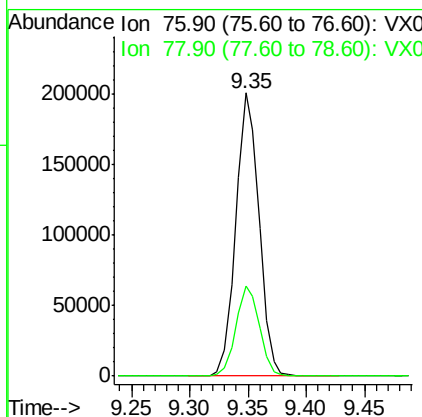
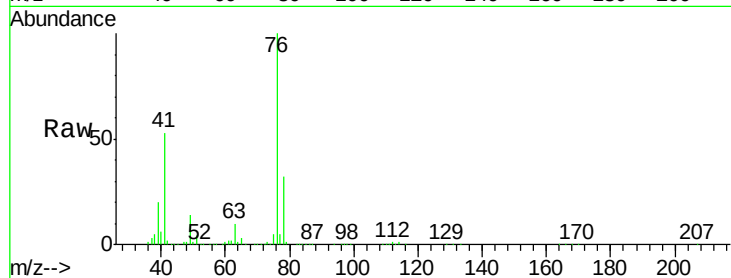
#57
 1,3-Dichloropropane
 Concen: 53.168 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: VX019976.D
 Acq: 14 Dec 2020 10:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.2	39.2

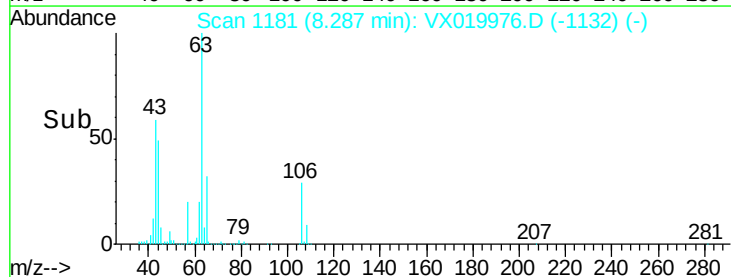
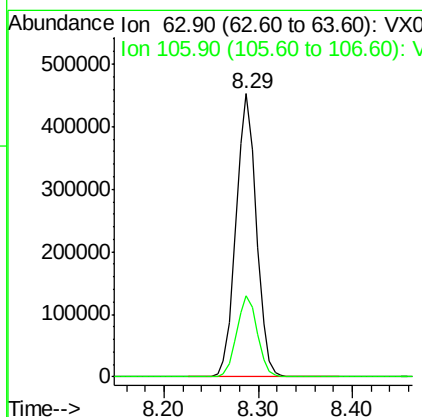
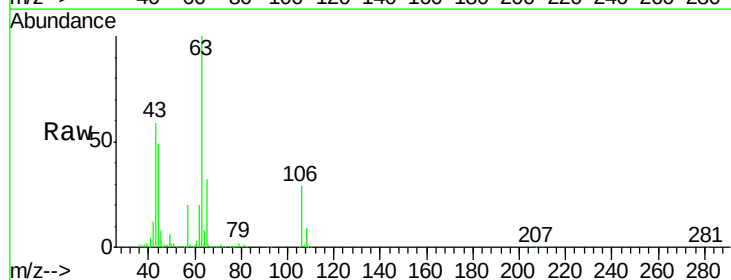
Manual Integrations
 APPROVED

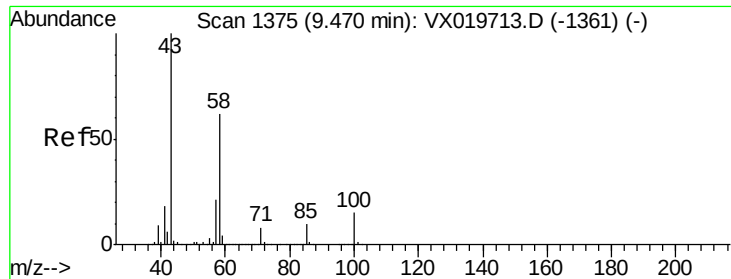
MMDadoda
 12/15/2020 5:33:48 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 275.989 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VX019976.D
 Acq: 14 Dec 2020 10:51

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.9	23.5	35.3





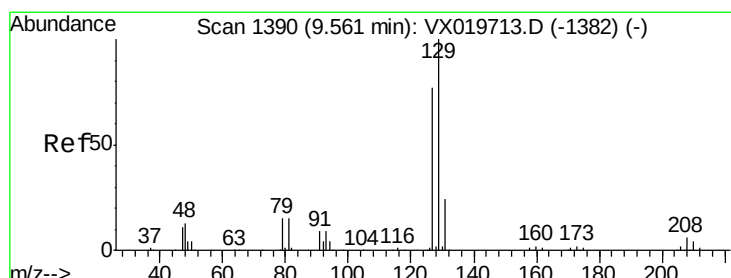
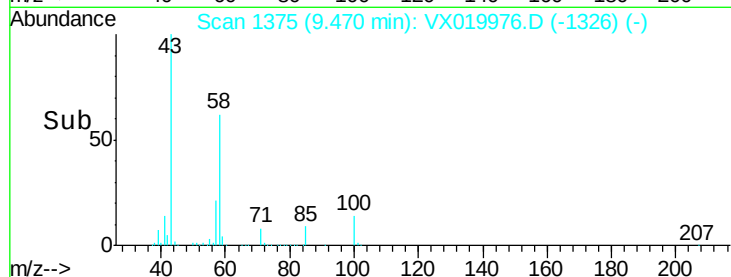
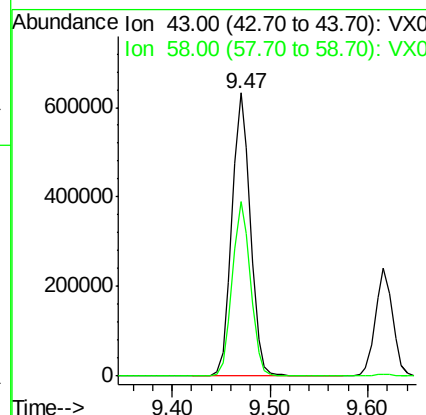
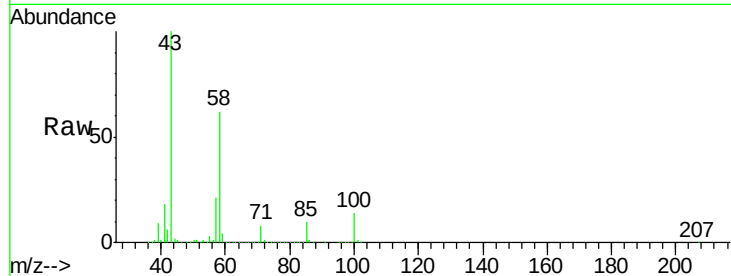
#59
2-Hexanone
Concen: 267.521 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	61.3	30.9	92.8

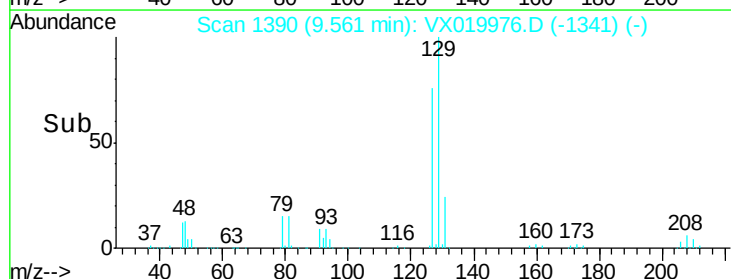
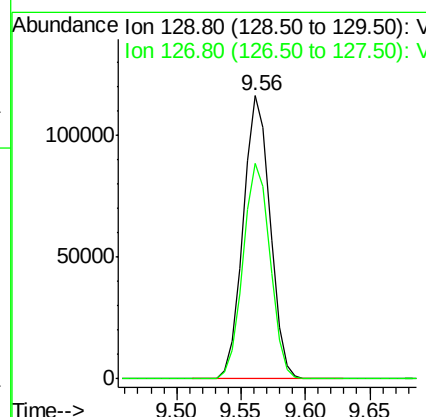
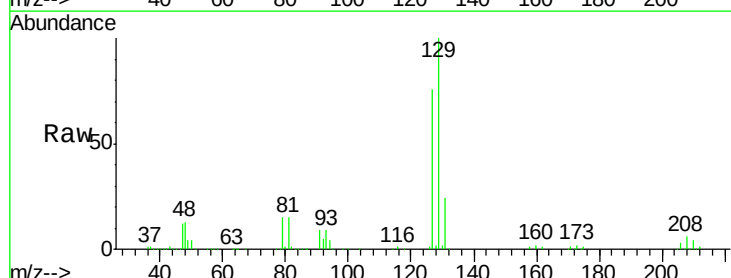
Manual Integrations
APPROVED

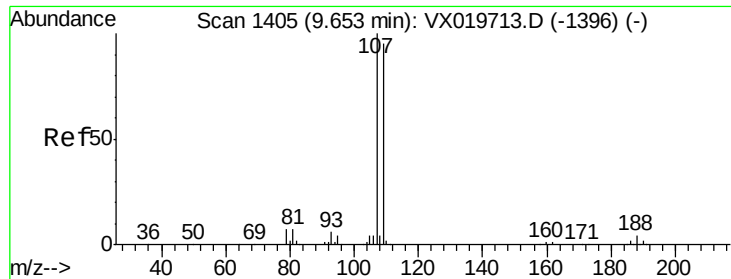
MMDadoda
12/15/2020 5:33:48 PM



#60
Dibromochloromethane
Concen: 53.817 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.7	38.4	115.2





#61

1,2-Dibromoethane

Concen: 52.063 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 169631

Ion Ratio Lower Upper

107 100

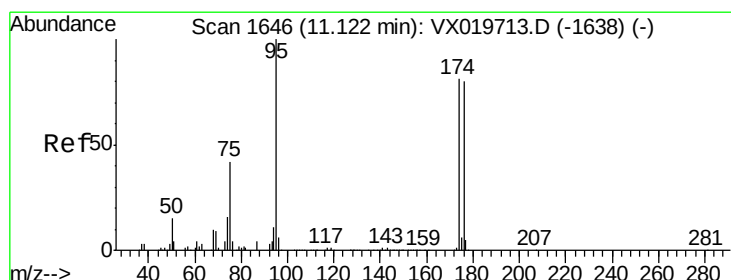
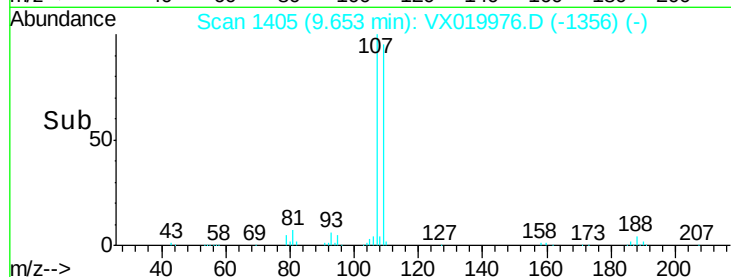
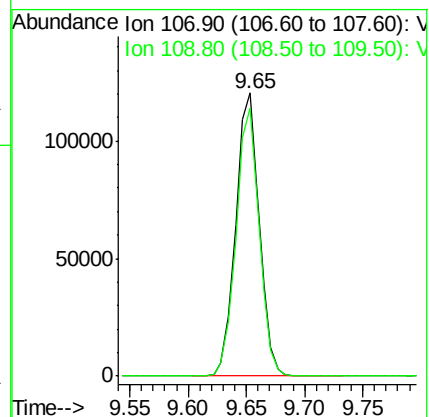
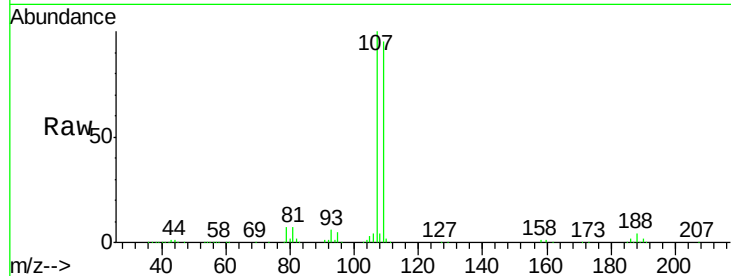
109 93.7 75.8 113.6

Manual Integrations

APPROVED

MMDadoda

12/15/2020 5:33:48 PM



#62

4-Bromofluorobenzene

Concen: 48.421 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

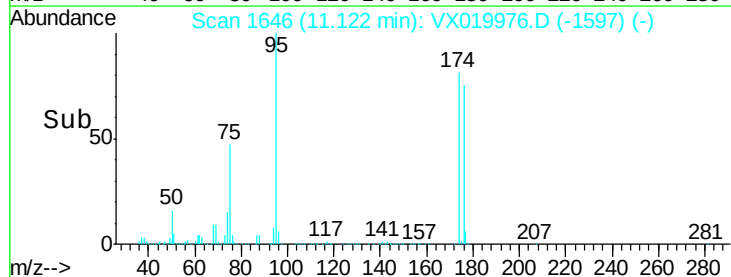
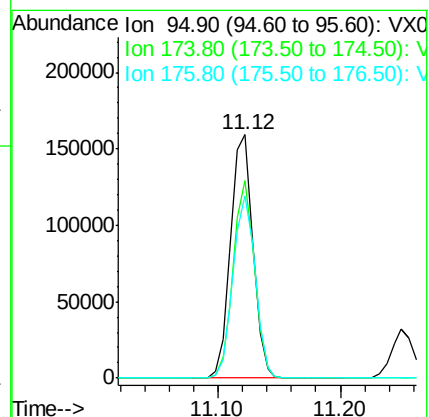
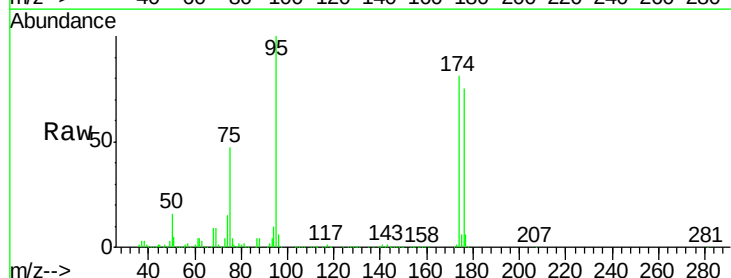
Tgt Ion: 95 Resp: 200549

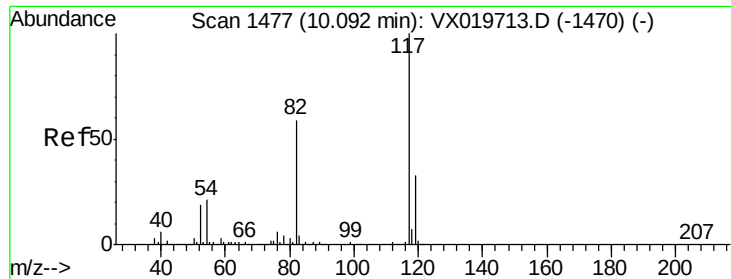
Ion Ratio Lower Upper

95 100

174 77.4 0.0 154.6

176 74.4 0.0 155.8





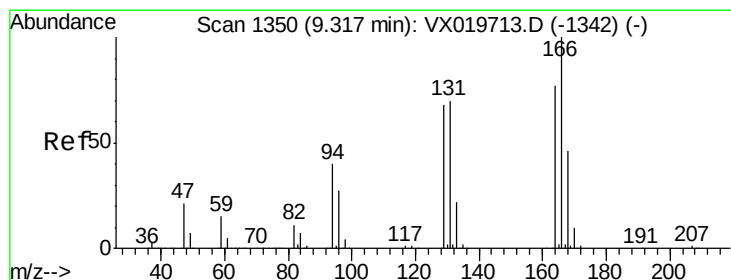
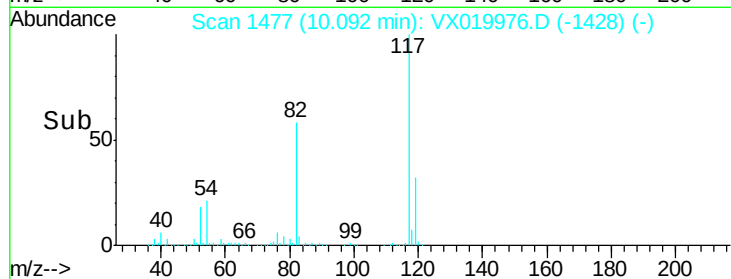
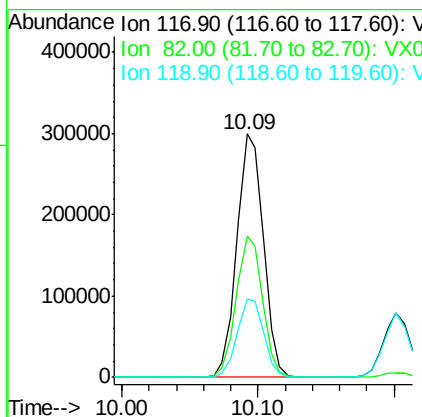
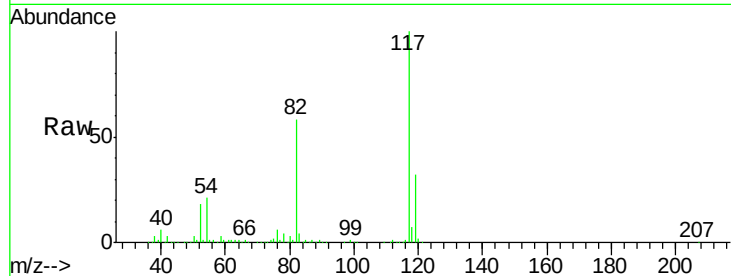
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	406930		
82	57.8		47.4	71.2
119	32.1		26.6	39.8

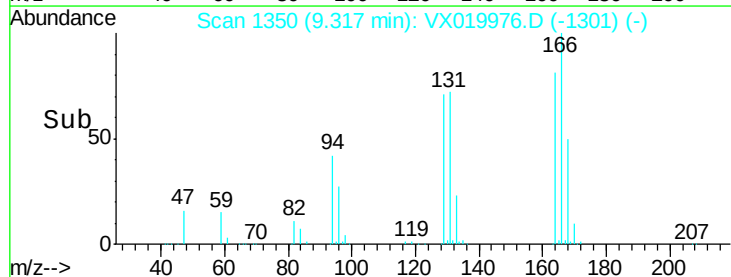
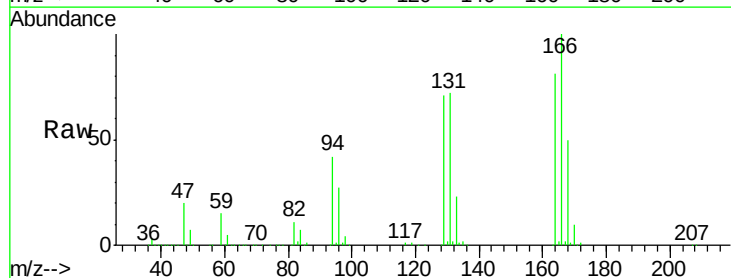
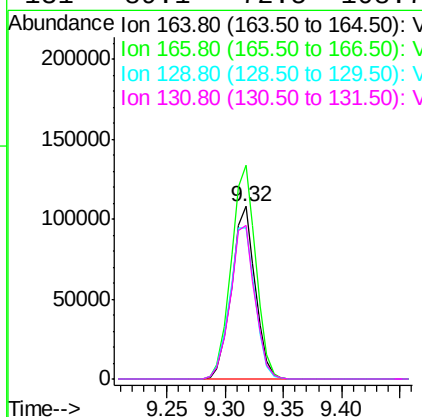
Manual Integrations
APPROVED

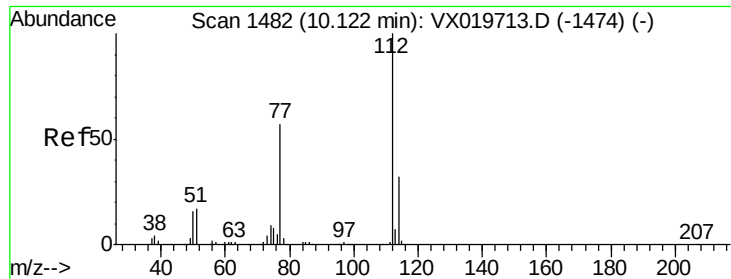
MMDadoda
12/15/2020 5:33:48 PM



#64
Tetrachloroethene
Concen: 55.839 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	152381		
166	123.6		103.4	155.2
129	87.8		70.8	106.2
131	89.1		72.5	108.7





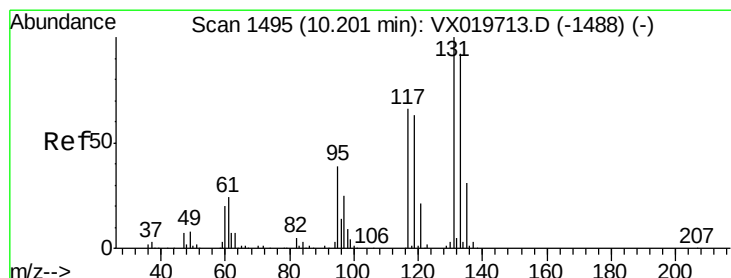
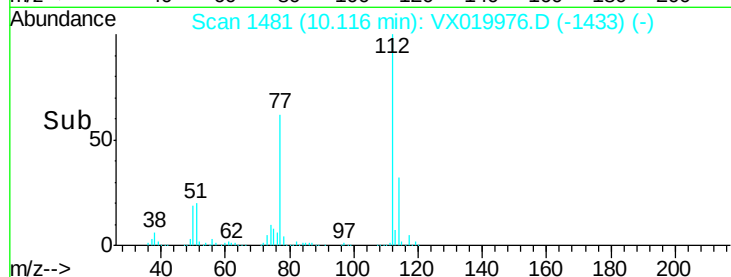
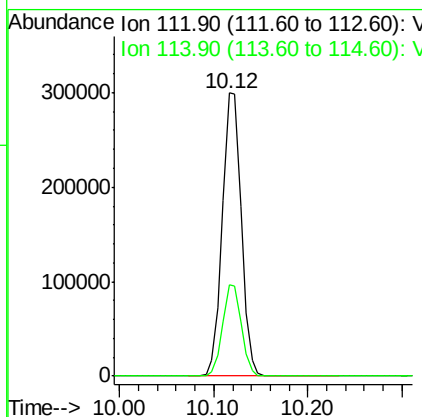
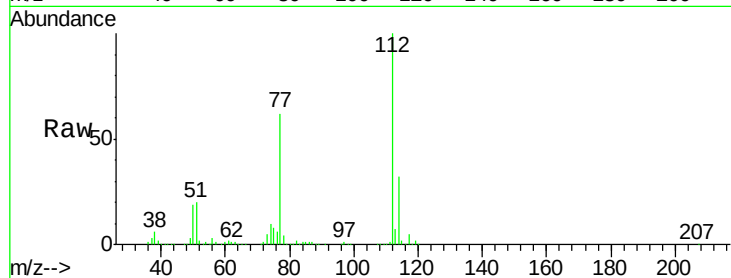
#65
Chlorobenzene
Concen: 51.710 ug/l
RT: 10.12 min Scan# 1481
Delta R.T. -0.01 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 419223
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6

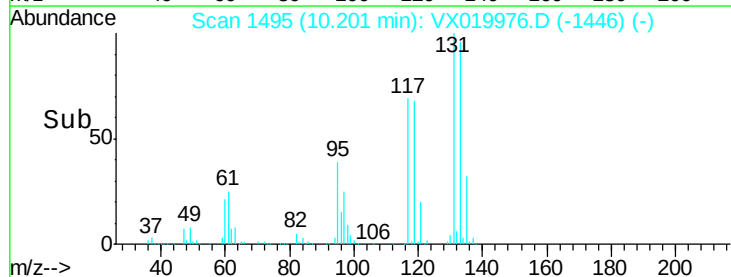
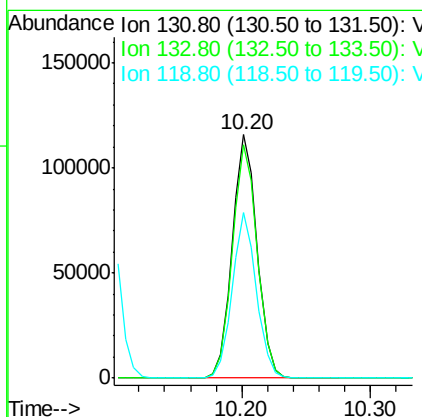
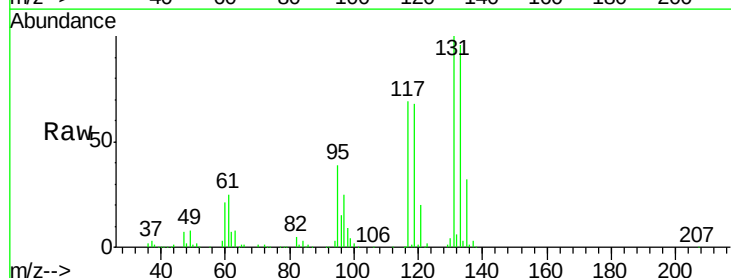
Manual Integrations
APPROVED

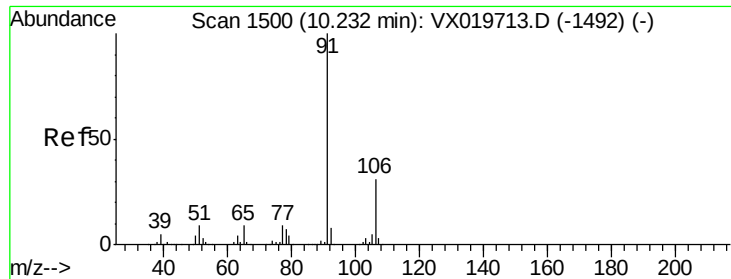
MMDadoda
12/15/2020 5:33:48 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 53.315 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Tgt Ion:131 Resp: 155574
Ion Ratio Lower Upper
131 100
133 96.3 47.7 143.1
119 66.2 32.1 96.5





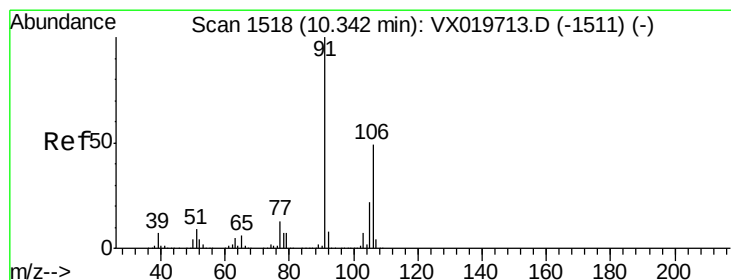
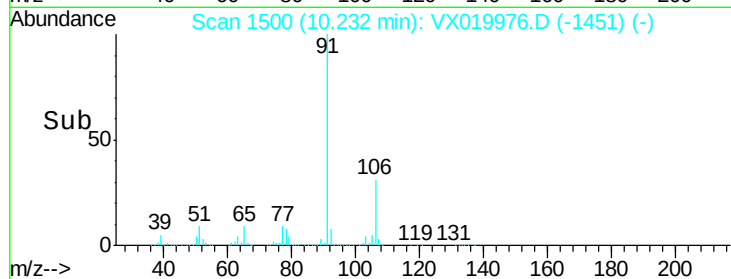
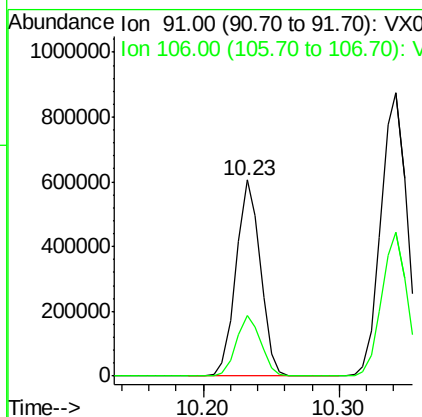
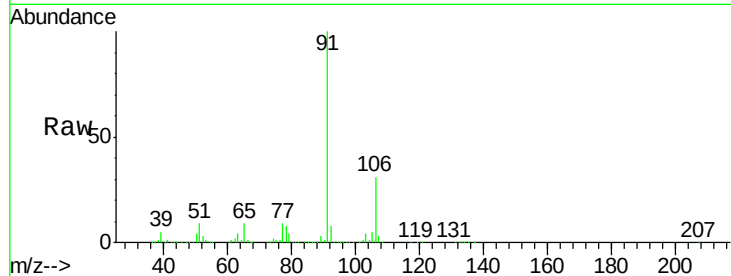
#67
Ethyl Benzene
Concen: 52.564 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.7	24.6	37.0

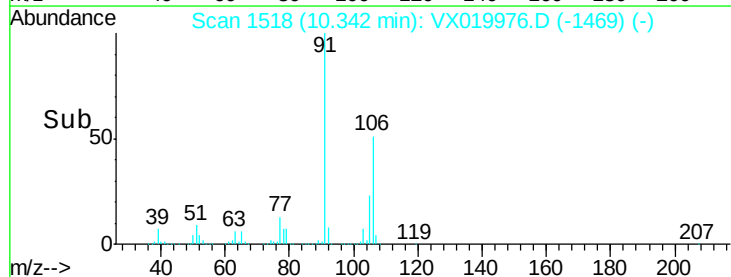
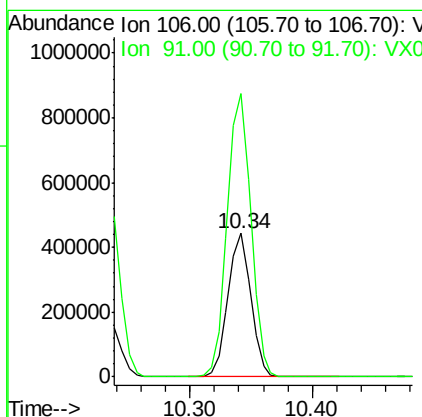
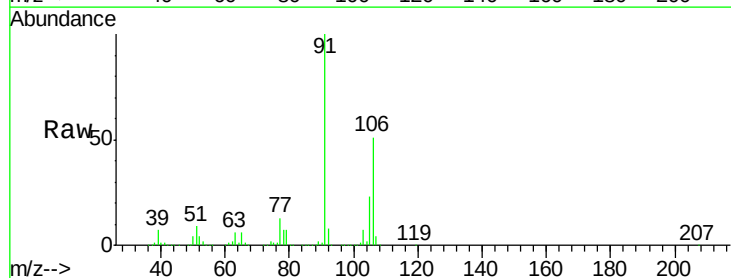
Manual Integrations
APPROVED

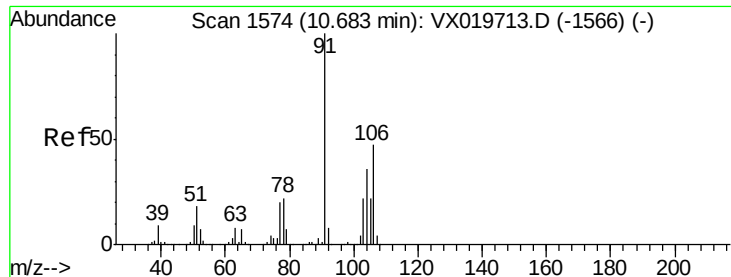
MMDadoda
12/15/2020 5:33:48 PM



#68
m/p-Xylenes
Concen: 105.639 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Tgt Ion	Ratio	Lower	Upper
106	100		
91	204.3	162.8	244.2





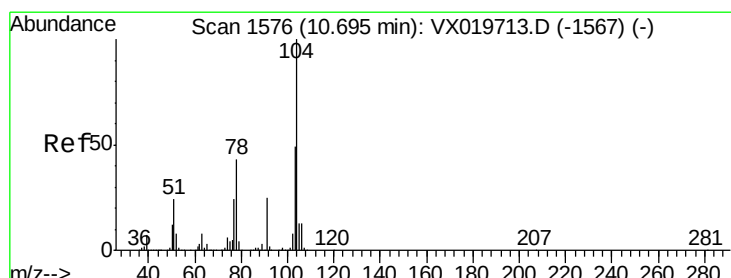
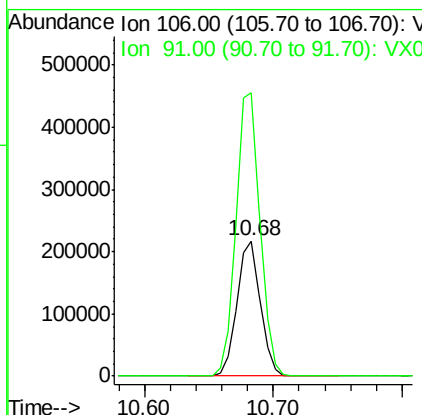
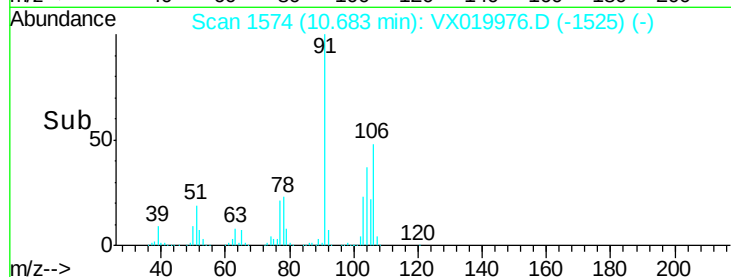
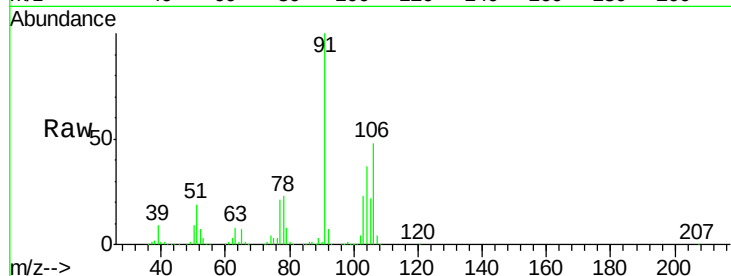
#69
o-Xylene
Concen: 52.564 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	274184		
91	91	216.1	108.1	324.2	

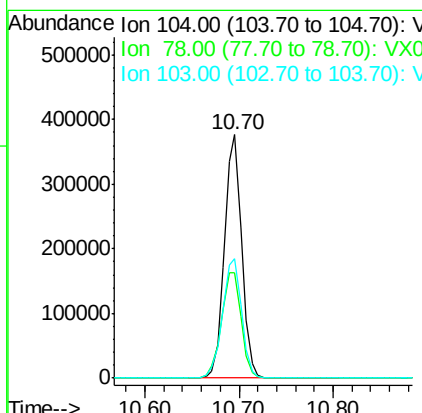
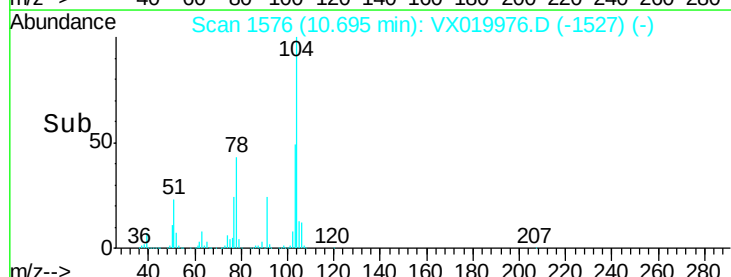
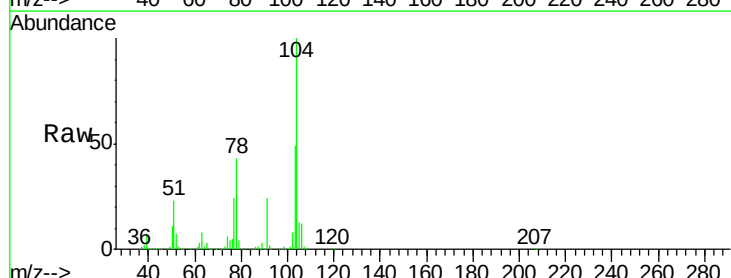
Manual Integrations
APPROVED

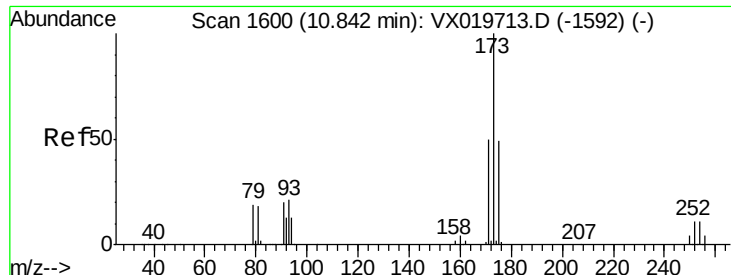
MMDadoda
12/15/2020 5:33:48 PM



#70
Styrene
Concen: 54.132 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	476600		
78	78	49.9	40.0	60.0	
103	103	54.5	43.4	65.0	





#71

Bromoform

Concen: 52.591 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 120725

Ion Ratio Lower Upper

173 100

175 49.8 23.9 71.8

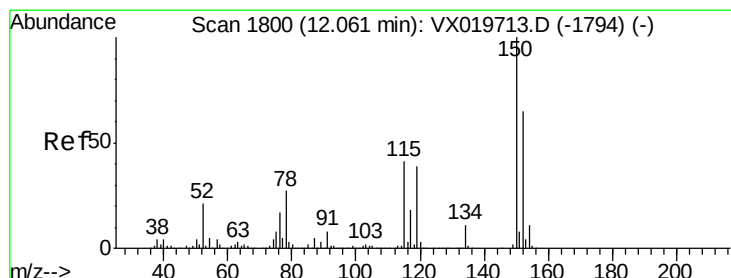
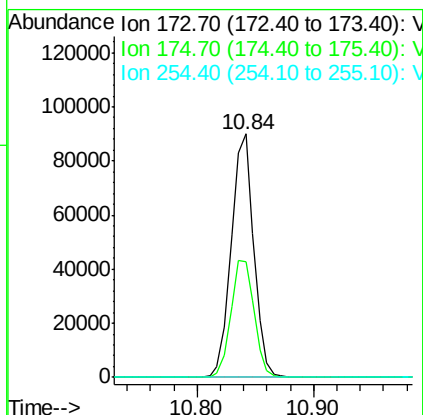
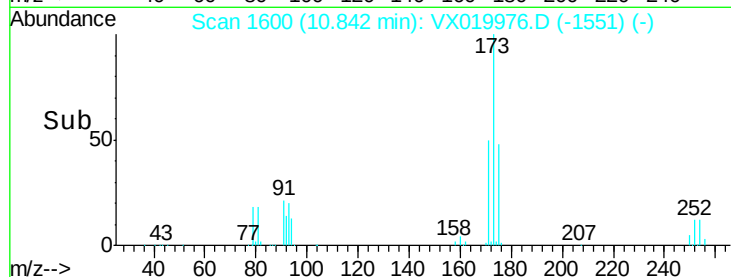
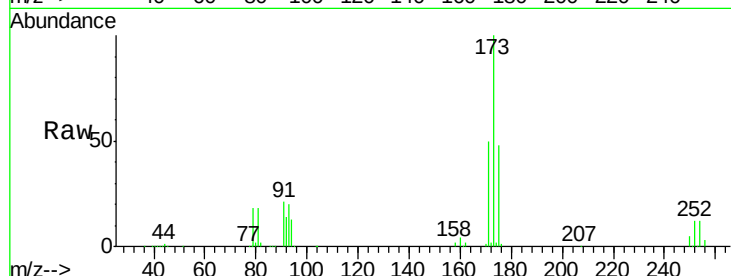
254 0.1 0.1 0.1

Manual Integrations

APPROVED

MMDadoda

12/15/2020 5:33:48 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: VX019976.D

Acq: 14 Dec 2020 10:51

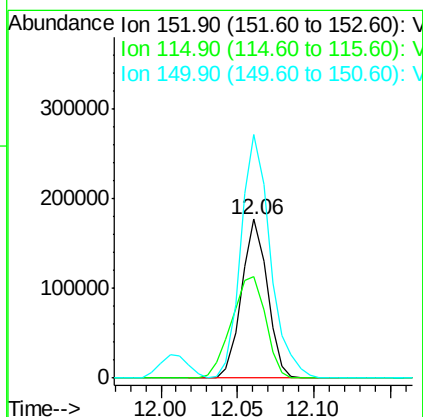
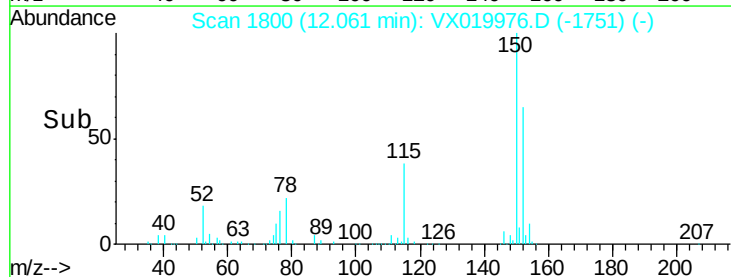
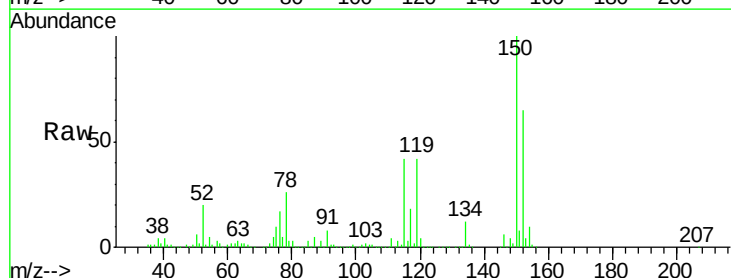
Tgt Ion:152 Resp: 207736

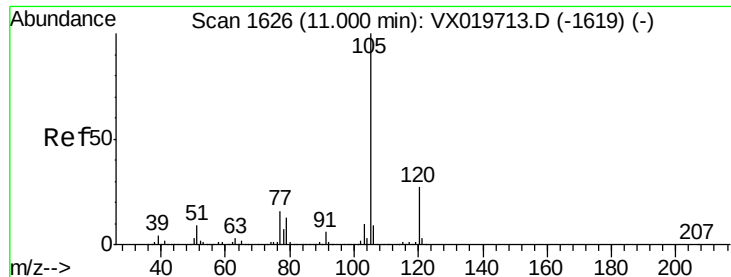
Ion Ratio Lower Upper

152 100

115 84.2 41.1 123.3

150 174.5 0.0 349.0





#73

Isopropylbenzene

Concen: 52.658 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 747340

Ion Ratio Lower Upper

105 100

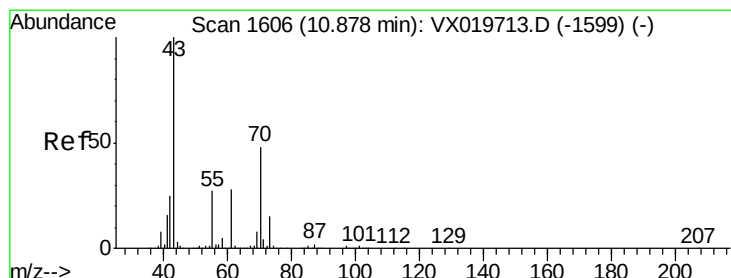
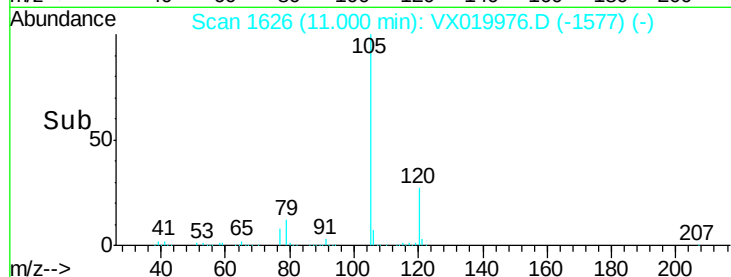
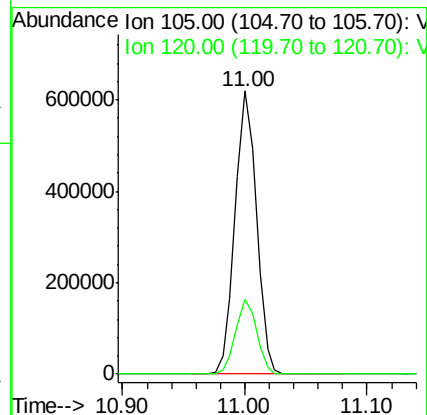
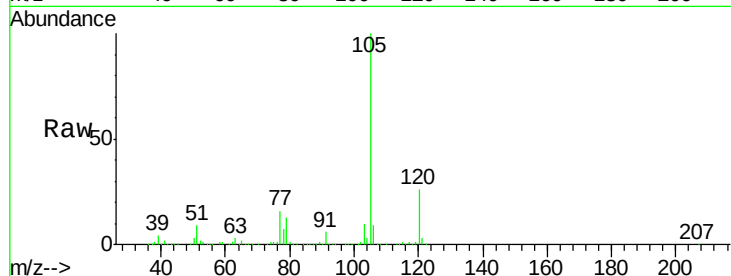
120 26.3 13.2 39.6

Manual Integrations

APPROVED

MMDadoda

12/15/2020 5:33:48 PM



#74

N-ethyl acetate

Concen: 51.909 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

Tgt Ion: 43 Resp: 295235

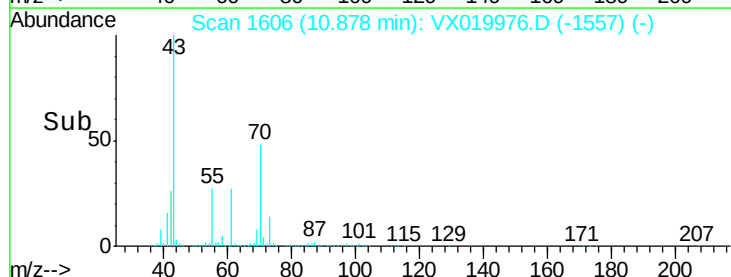
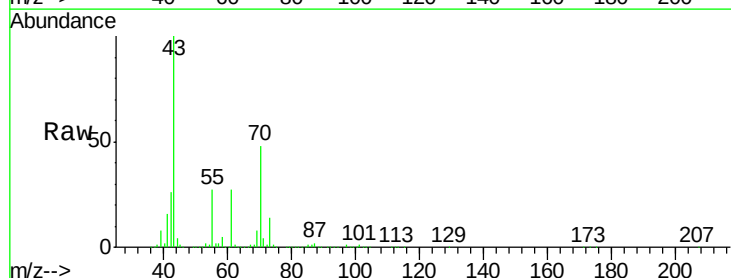
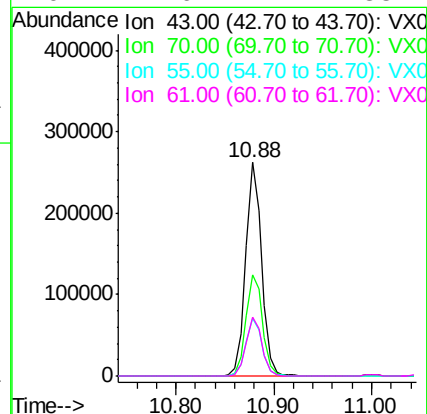
Ion Ratio Lower Upper

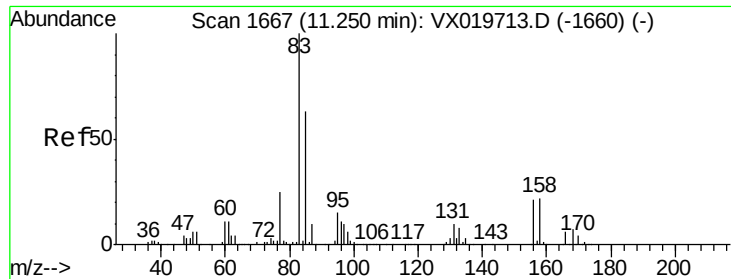
43 100

70 49.3 39.0 58.6

55 27.7 21.5 32.3

61 27.6 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 52.025 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

Instrument :

MSVOA_X

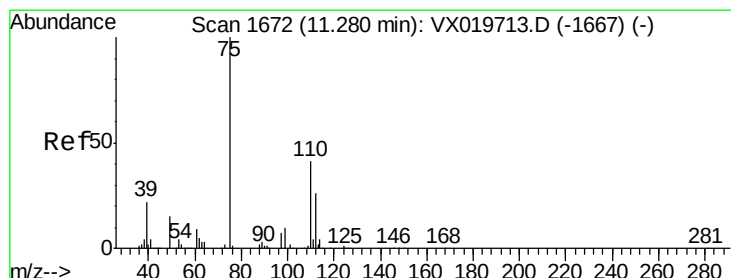
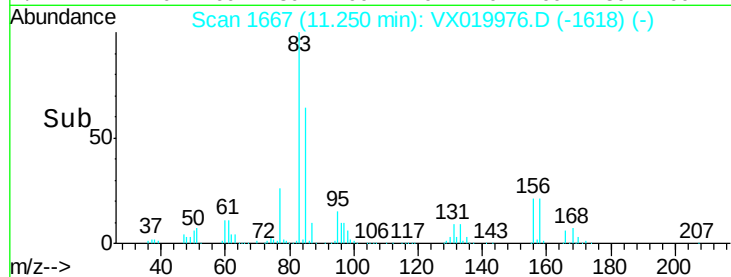
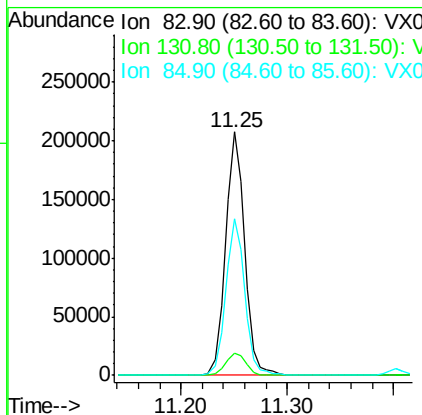
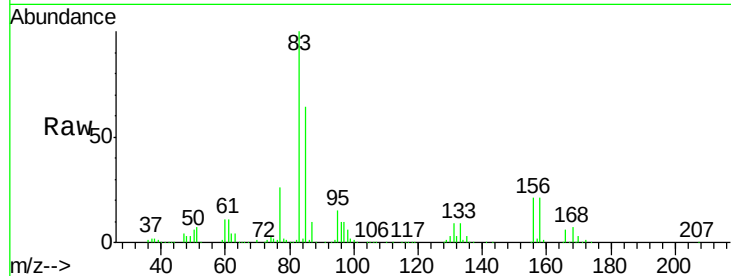
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	260317
Ion Ratio	Lower	Upper	
83	100		
131	9.7	5.1	15.2
85	63.9	31.8	95.4

Manual Integrations
APPROVED

MMDadoda
12/15/2020 5:33:48 PM



#76

1,2,3-Trichloropropane

Concen: 52.740 ug/l m

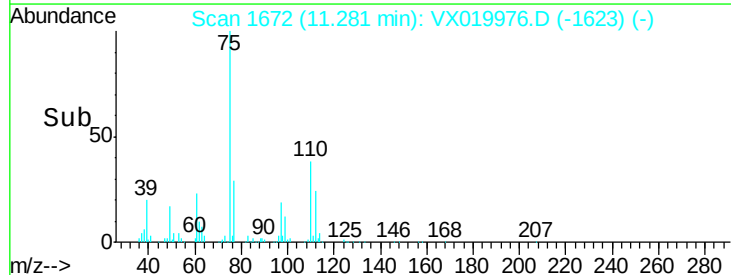
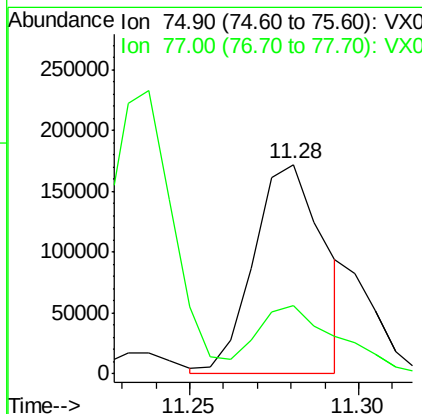
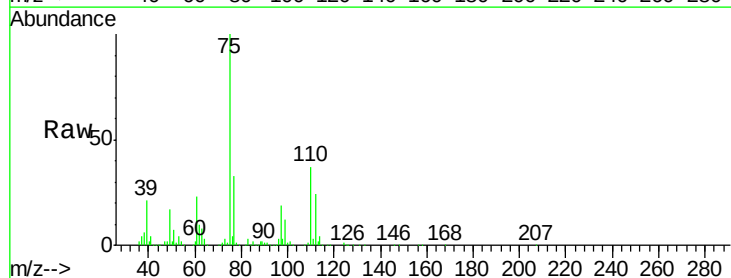
RT: 11.28 min Scan# 1672

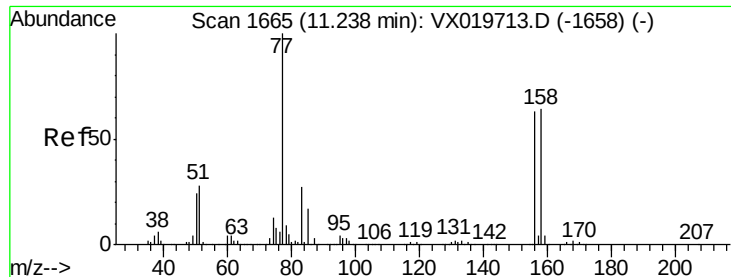
Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

Tgt Ion:	75	Resp:	245723
Ion Ratio	Lower	Upper	
75	100		
77	37.9	19.1	57.5





#77

Bromobenzene

Concen: 50.691 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

Instrument :

MSVOA_X

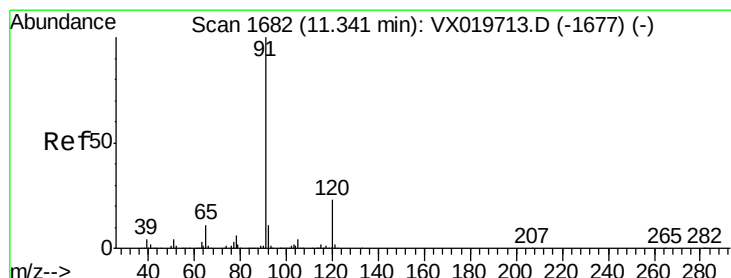
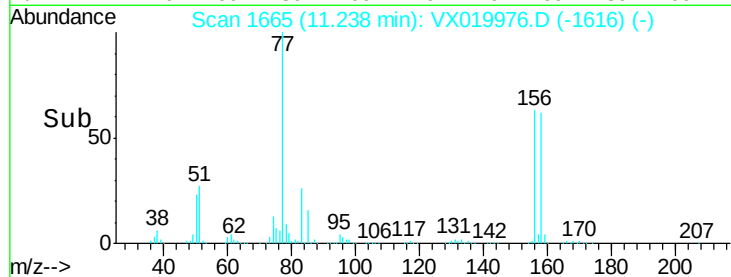
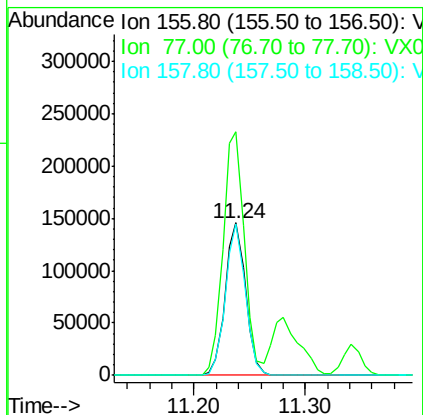
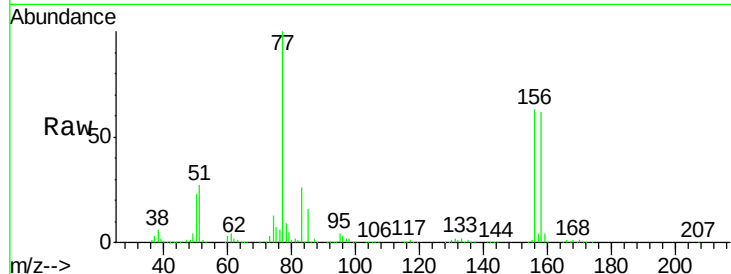
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	184111
Ion Ratio	Lower	Upper	
156	100		
77	168.0	82.8	248.6
158	96.7	49.1	147.4

Manual Integrations
APPROVED

MMDadoda
12/15/2020 5:33:48 PM



#78

n-propylbenzene

Concen: 53.294 ug/l

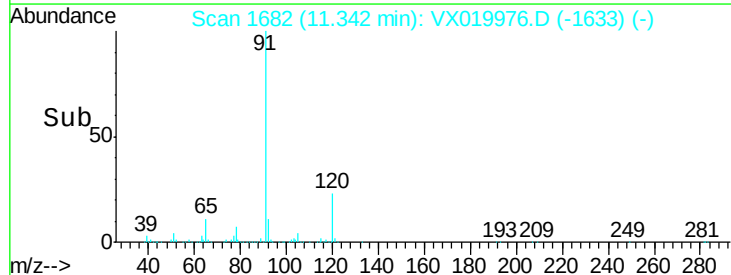
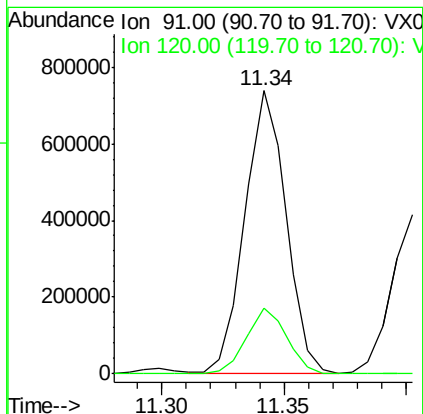
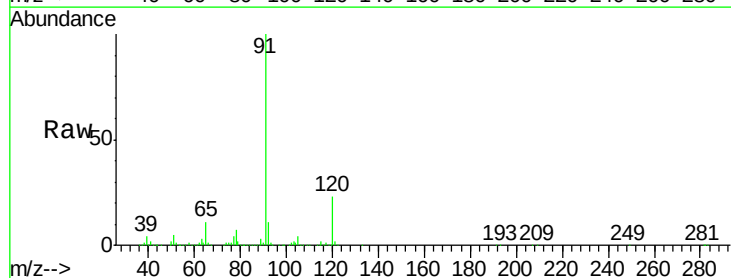
RT: 11.34 min Scan# 1682

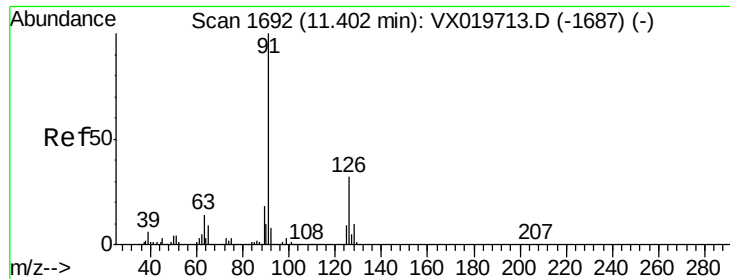
Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

Tgt Ion:	91	Resp:	863890
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.5	34.5





#79

2-Chlorotoluene

Concen: 51.671 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 515802

Ion Ratio Lower Upper

91 100

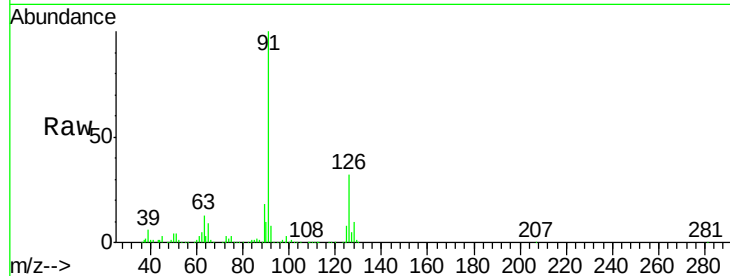
126 32.9 16.6 49.8

Manual Integrations

APPROVED

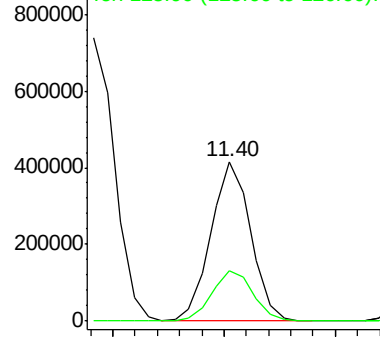
MMDadoda

12/15/2020 5:33:48 PM

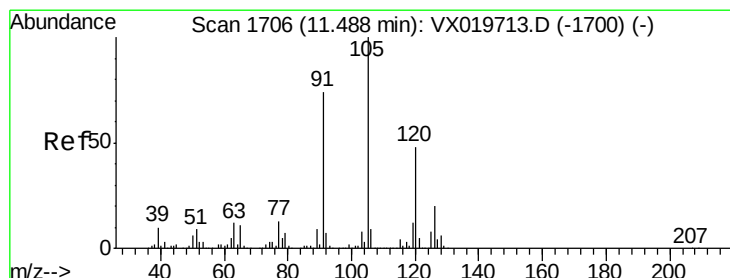
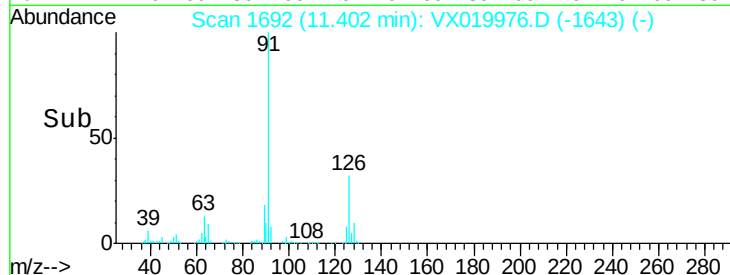


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 53.359 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019976.D

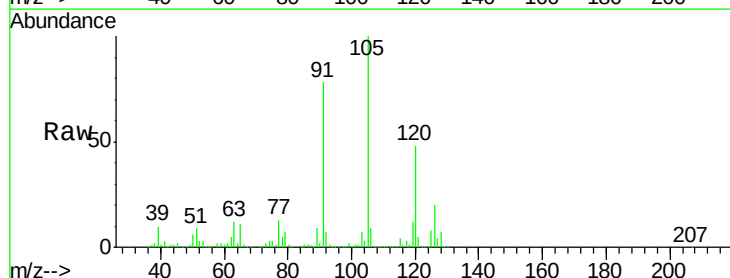
Acq: 14 Dec 2020 10:51

Tgt Ion: 105 Resp: 639136

Ion Ratio Lower Upper

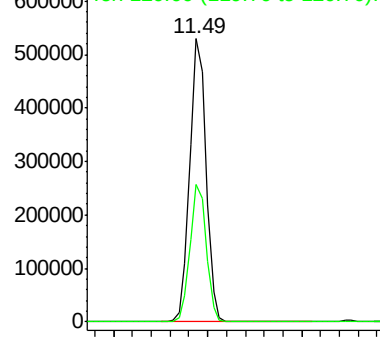
105 100

120 48.5 23.8 71.5

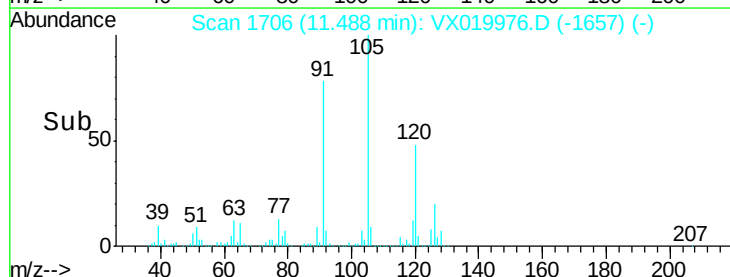


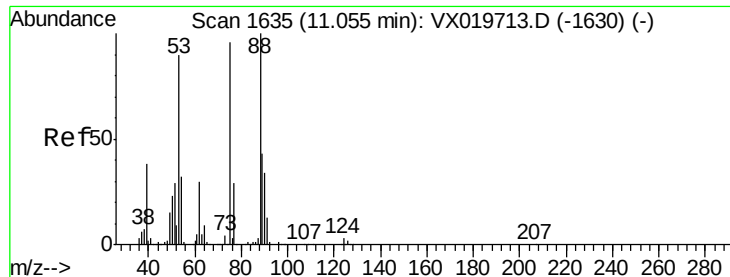
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





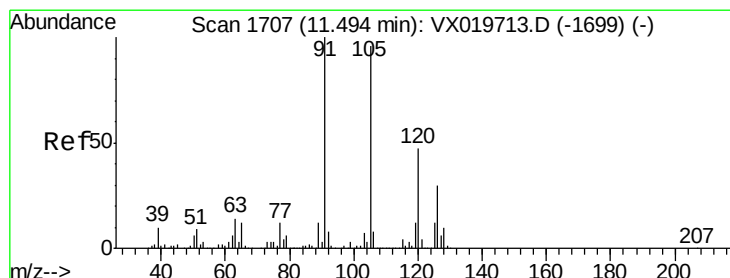
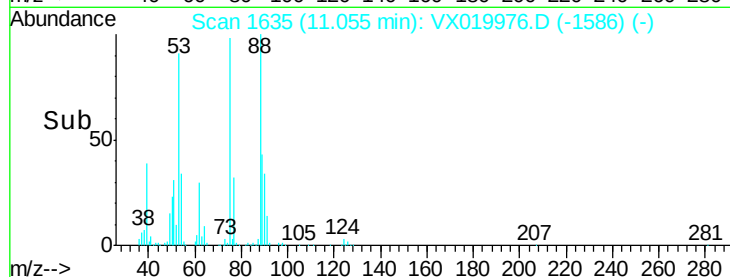
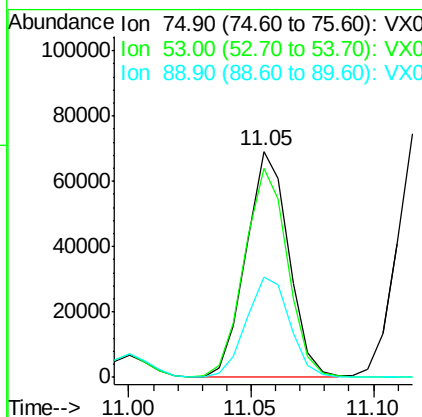
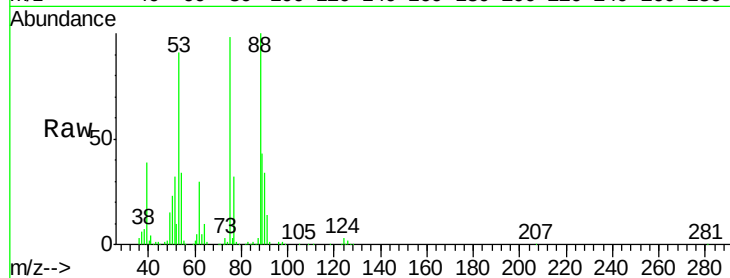
#81
trans-1,4-Dichloro-2-butene
Concen: 52.132 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.6	74.5	111.7
89	45.7	37.9	56.9

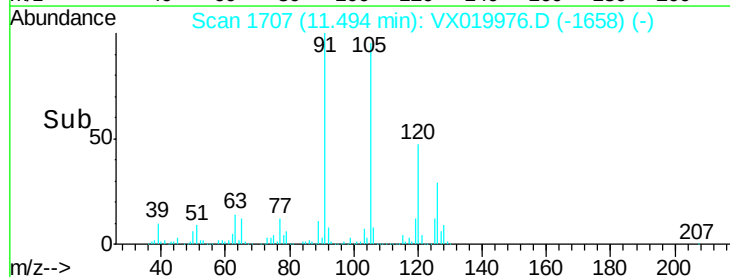
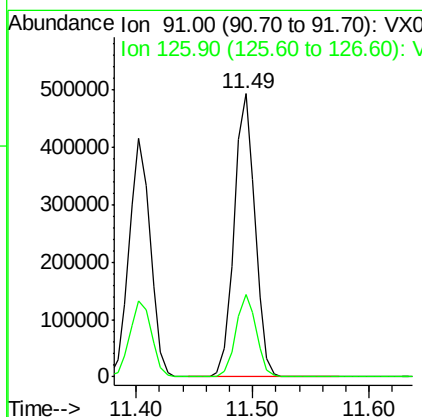
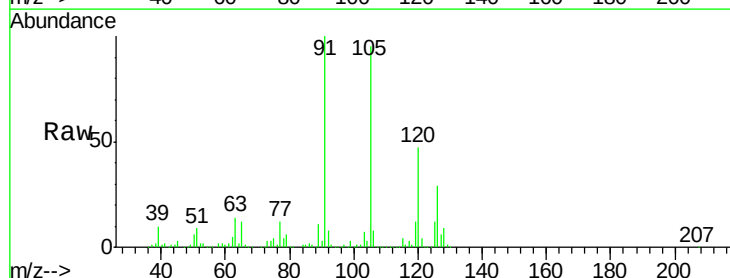
Manual Integrations
APPROVED

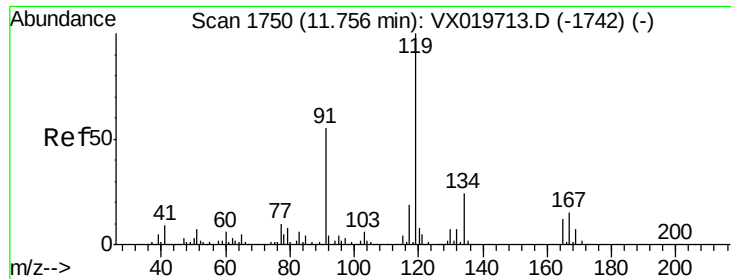
MMDadoda
12/15/2020 5:33:48 PM



#82
4-Chlorotoluene
Concen: 52.677 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.6	14.9	44.5





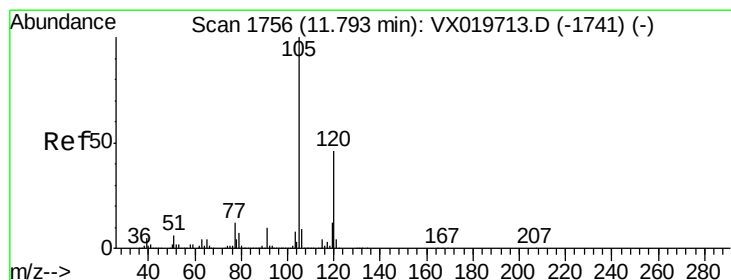
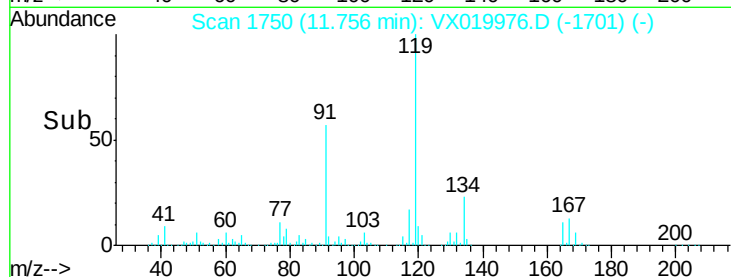
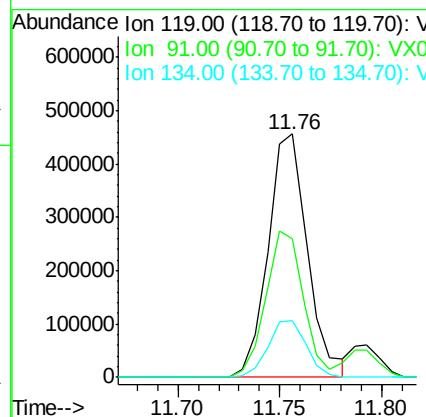
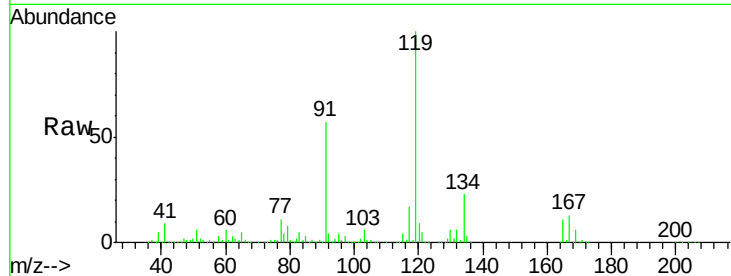
#83
 tert-Butylbenzene
 Concen: 52.384 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX019976.D
 Acq: 14 Dec 2020 10:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	615383		
91	57.4		27.9	83.7
134	22.8		11.3	33.9

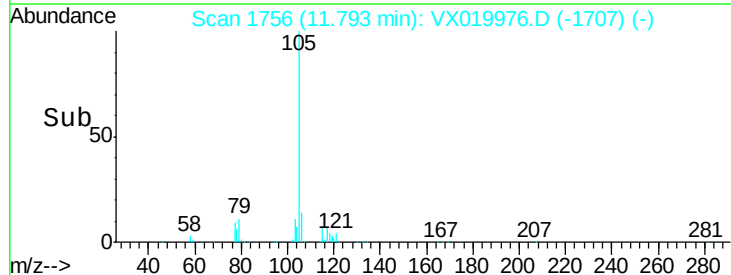
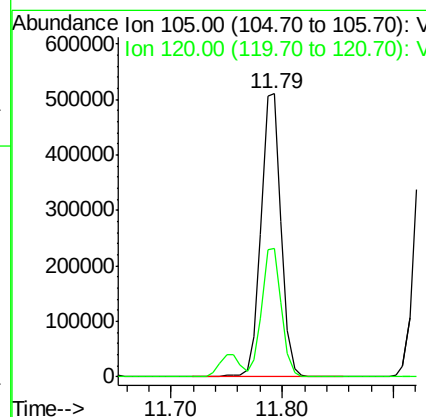
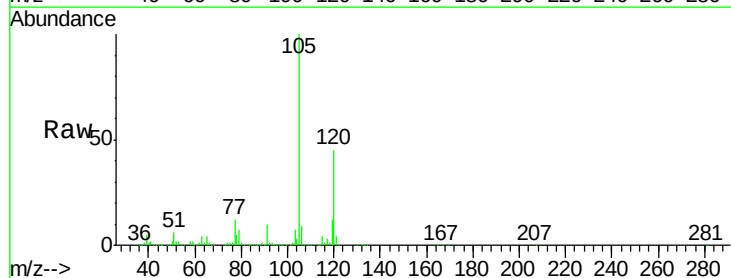
Manual Integrations
 APPROVED

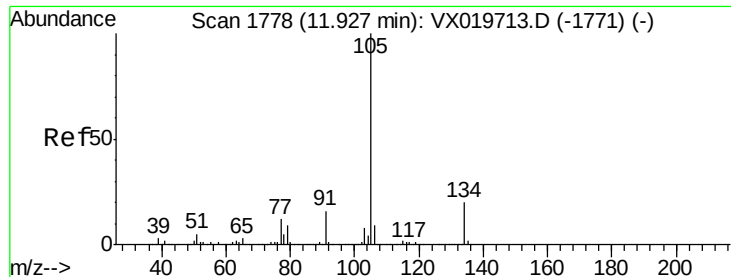
MMDadoda
 12/15/2020 5:33:48 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 53.187 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX019976.D
 Acq: 14 Dec 2020 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	641734		
120	44.6		22.4	67.3





#85

sec-Butylbenzene

Concen: 54.136 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 726086

Ion Ratio Lower Upper

105 100

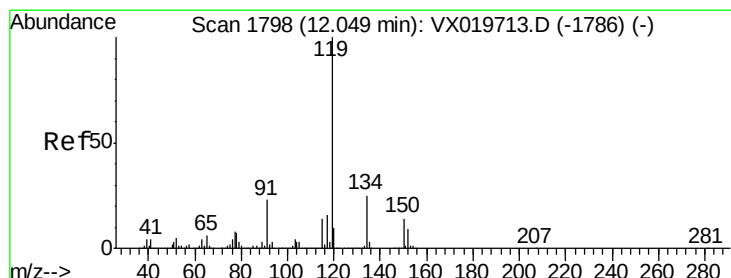
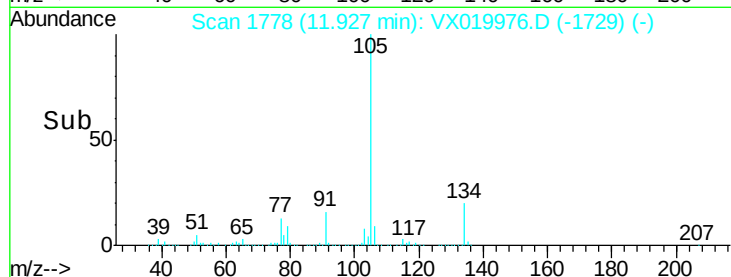
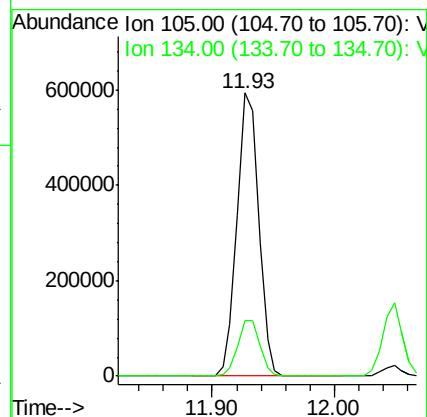
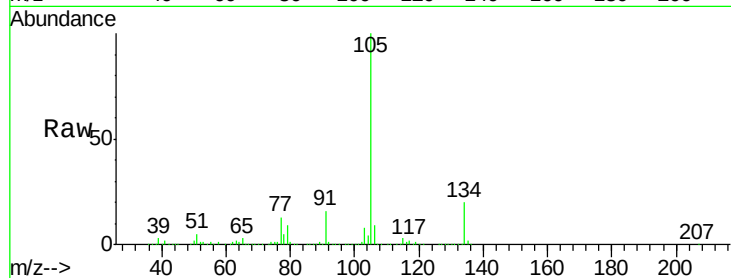
134 20.1 10.0 29.8

Manual Integrations

APPROVED

MMDadoda

12/15/2020 5:33:48 PM



#86

p-Isopropyltoluene

Concen: 54.280 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX019976.D

Acq: 14 Dec 2020 10:51

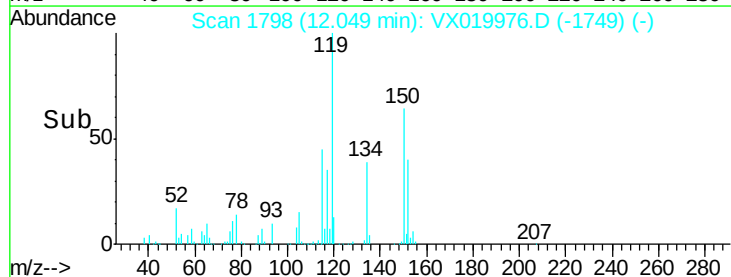
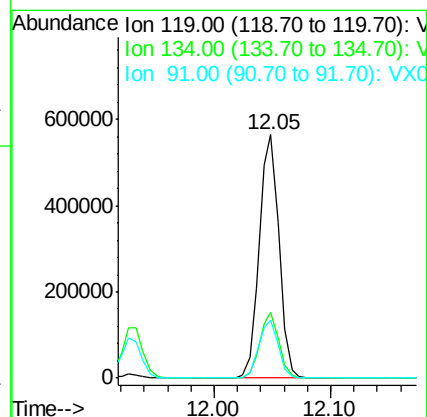
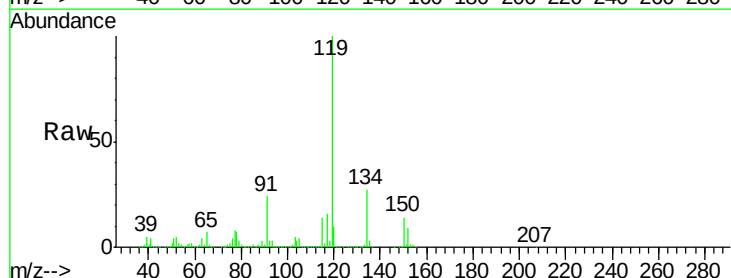
Tgt Ion:119 Resp: 667215

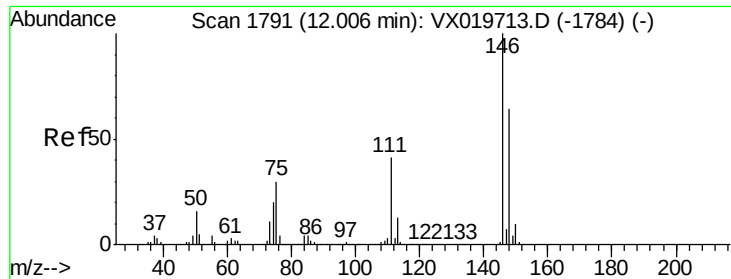
Ion Ratio Lower Upper

119 100

134 26.2 12.9 38.7

91 23.6 11.7 35.0





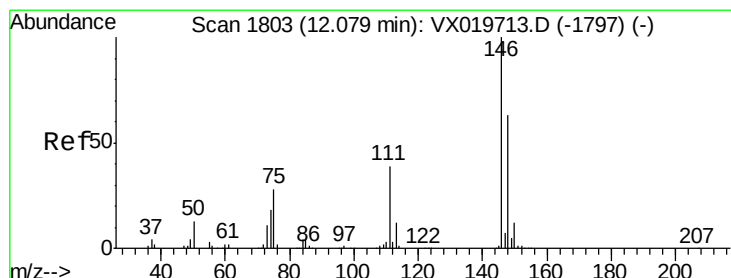
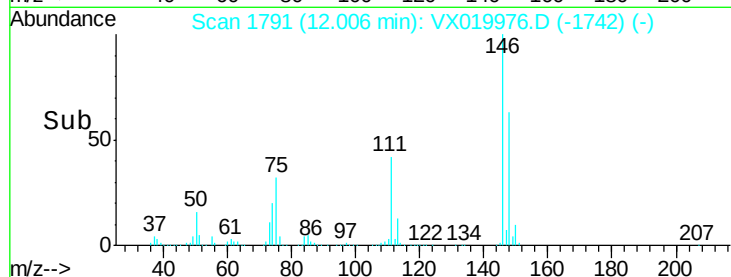
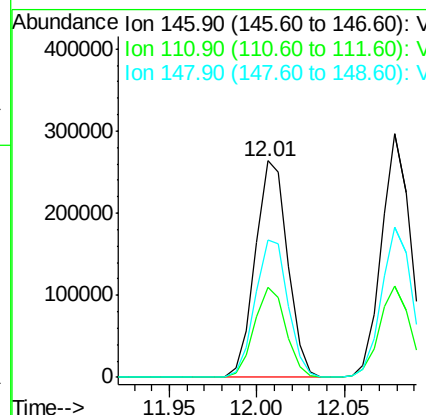
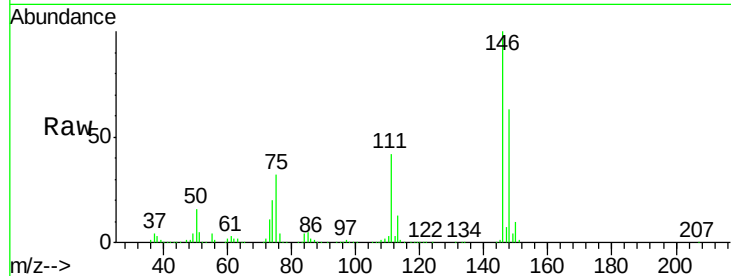
#87
 1,3-Dichlorobenzene
 Concen: 50.864 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019976.D
 Acq: 14 Dec 2020 10:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.2	60.5
148	64.3	31.9	95.7

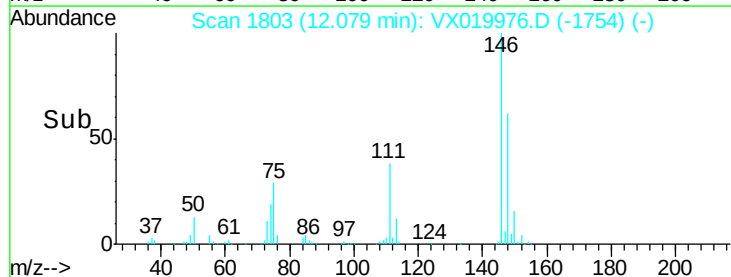
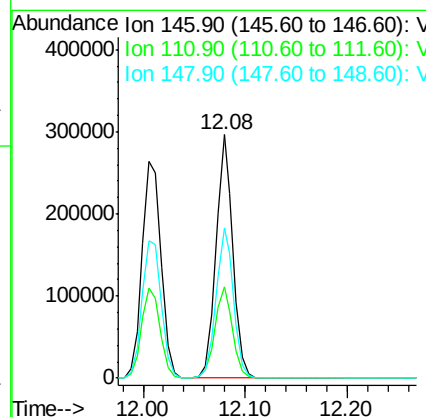
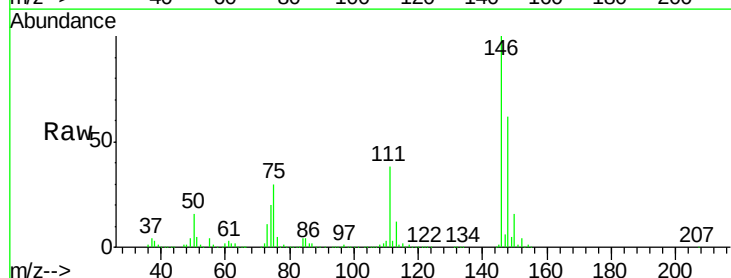
Manual Integrations
 APPROVED

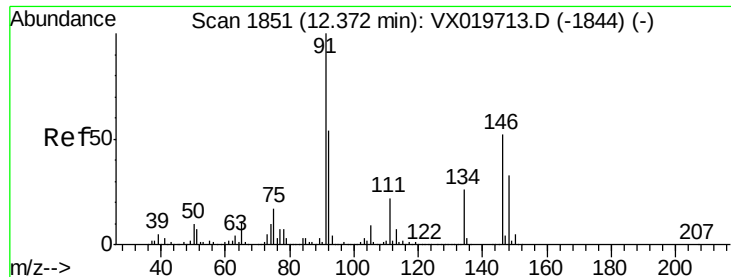
MMDadoda
 12/15/2020 5:33:48 PM



#88
 1,4-Dichlorobenzene
 Concen: 50.699 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019976.D
 Acq: 14 Dec 2020 10:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.6	58.8
148	64.2	31.6	95.0





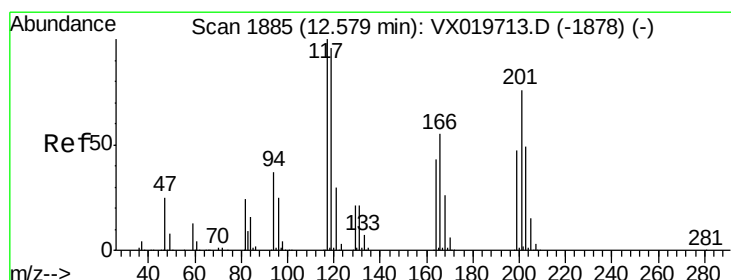
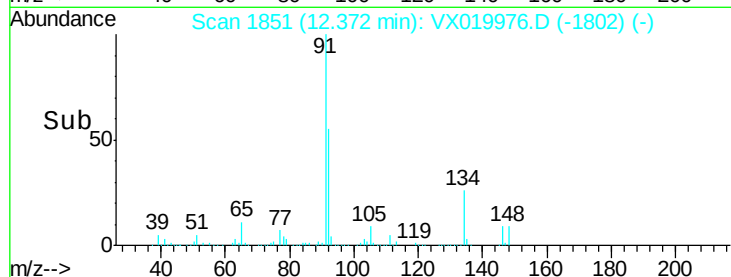
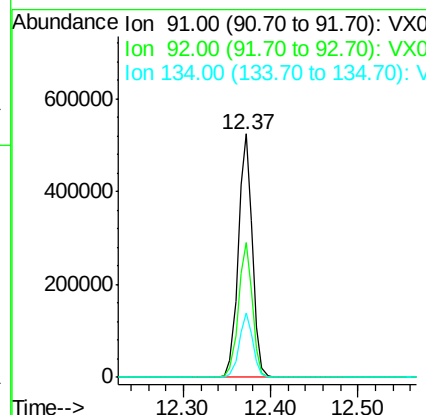
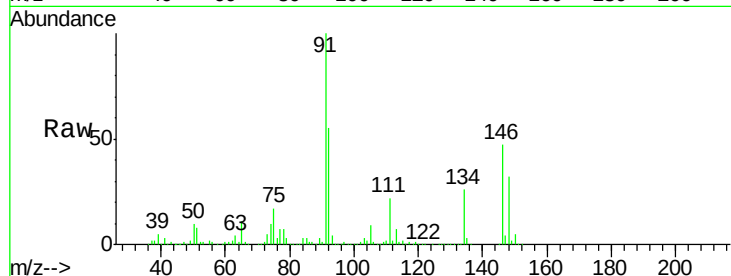
#89
n-Butylbenzene
Concen: 54.396 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	592396		
92	54.9		27.4	82.0
134	25.6		13.2	39.5

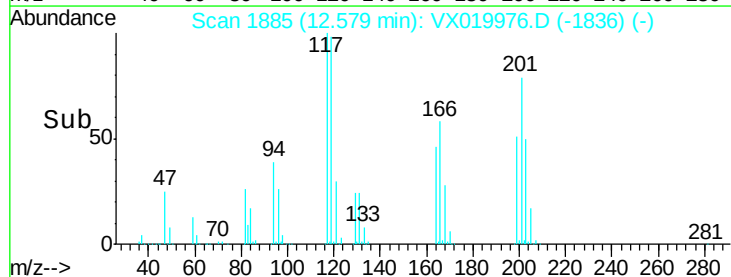
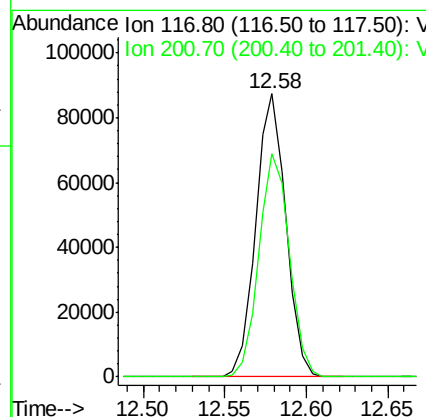
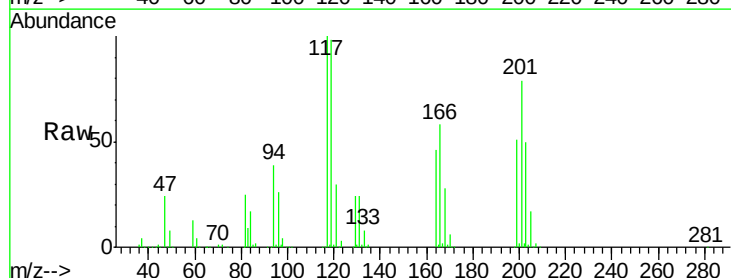
Manual Integrations
APPROVED

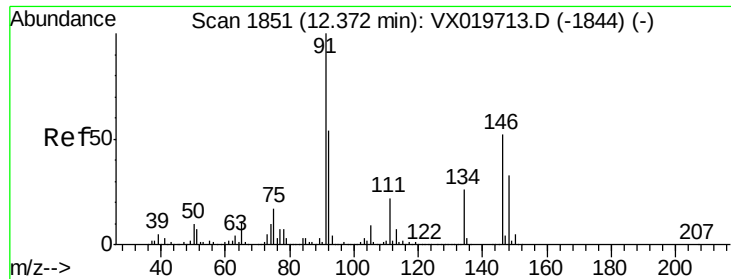
MMDadoda
12/15/2020 5:33:48 PM



#90
Hexachloroethane
Concen: 52.733 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	111908		
201	79.7		40.4	121.2





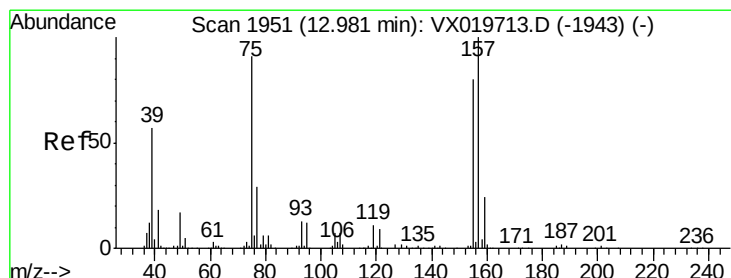
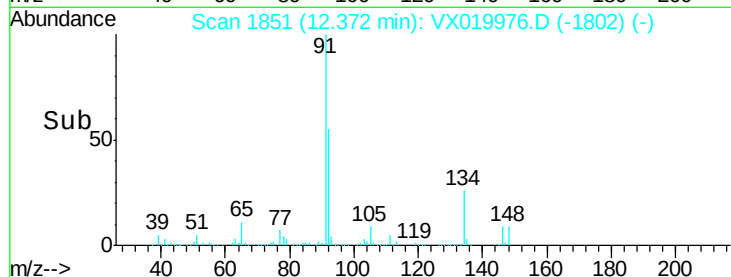
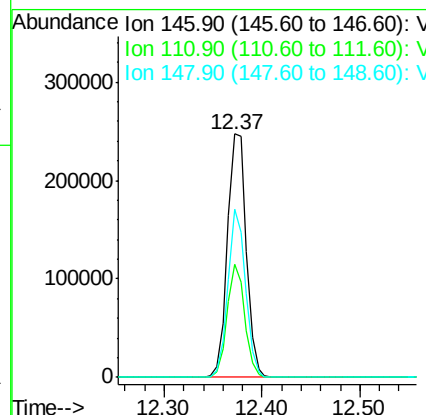
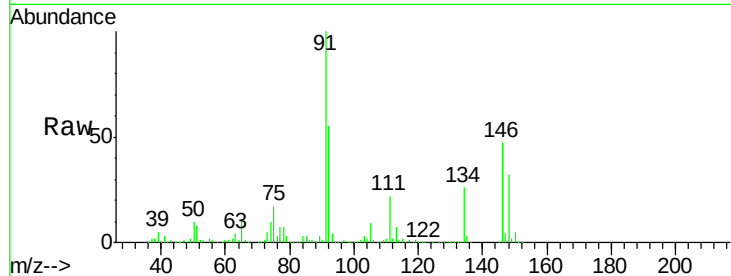
#91
 1,2-Dichlorobenzene
 Concen: 50.867 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX019976.D
 Acq: 14 Dec 2020 10:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	43.3	20.8	62.2	
148	64.3	31.9	95.5	

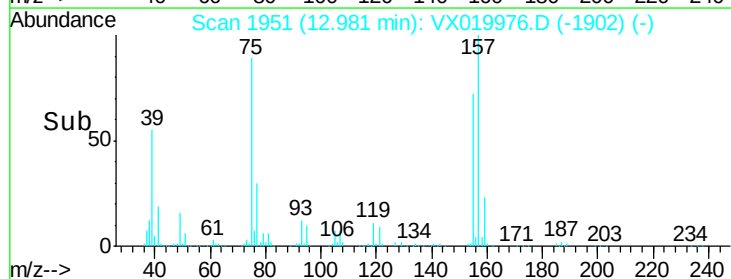
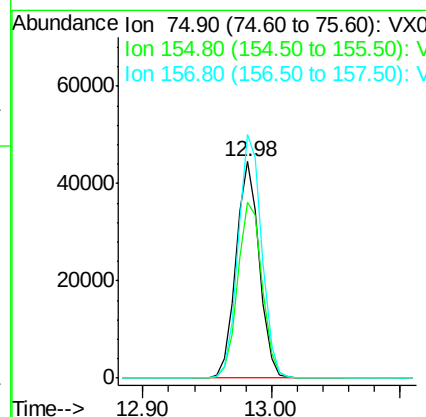
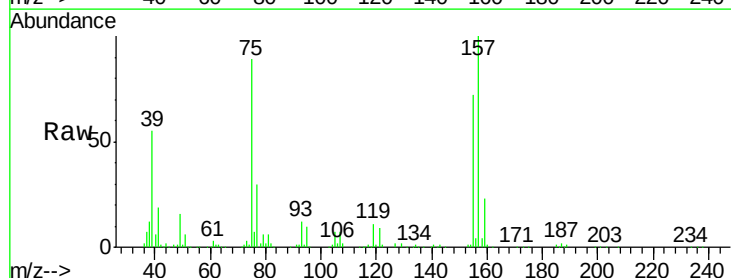
Manual Integrations
 APPROVED

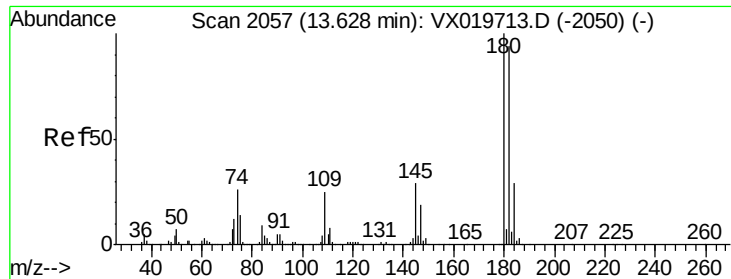
MMDadoda
 12/15/2020 5:33:48 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.398 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019976.D
 Acq: 14 Dec 2020 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	84.7	45.3	135.9	
157	113.1	57.7	173.1	





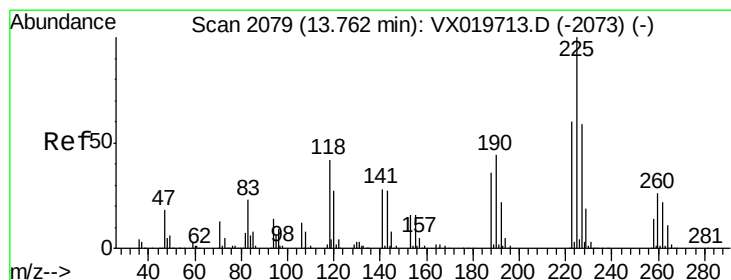
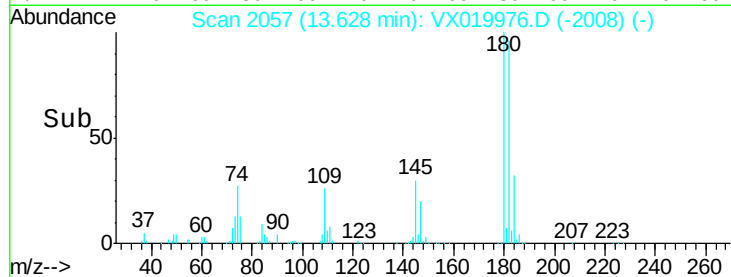
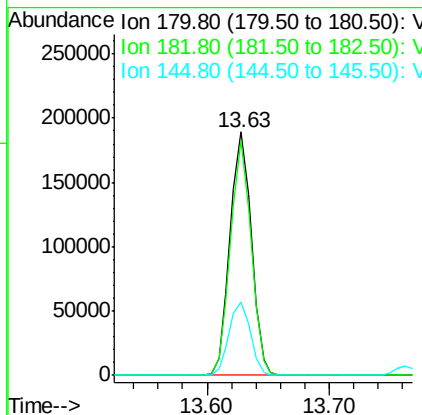
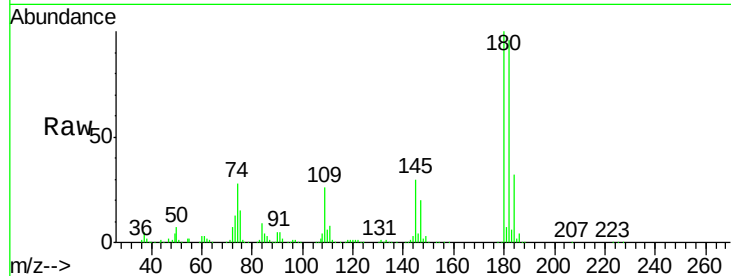
#93
 1,2,4-Trichlorobenzene
 Concen: 53.786 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019976.D
 Acq: 14 Dec 2020 10:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	227518		
182	93.7	47.7	143.1	
145	30.3	15.0	45.0	

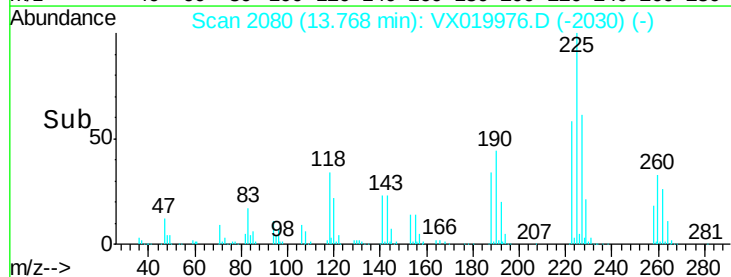
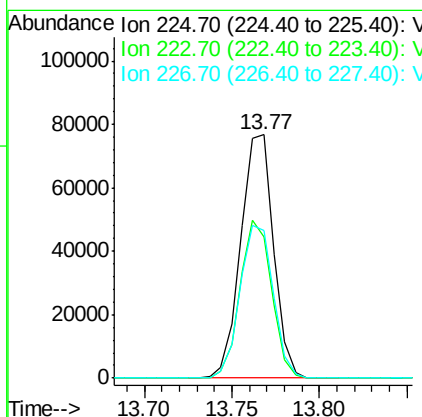
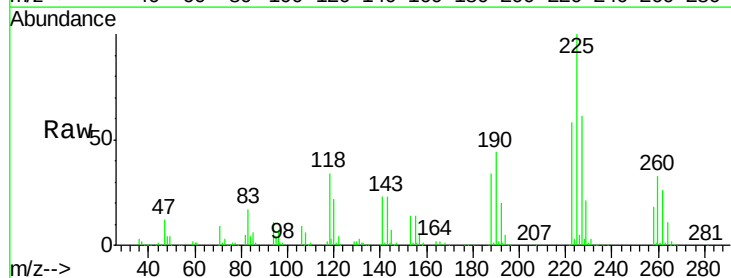
Manual Integrations
 APPROVED

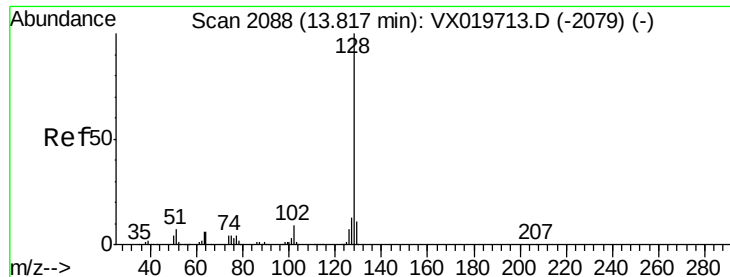
MMDadoda
 12/15/2020 5:33:48 PM



#94
 Hexachlorobutadiene
 Concen: 52.803 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX019976.D
 Acq: 14 Dec 2020 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	99832		
223	62.5	31.1	93.2	
227	63.7	31.6	95.0	





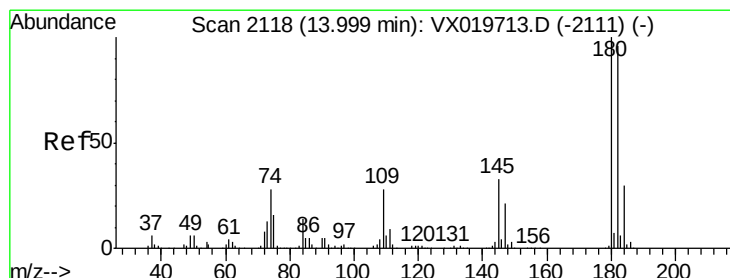
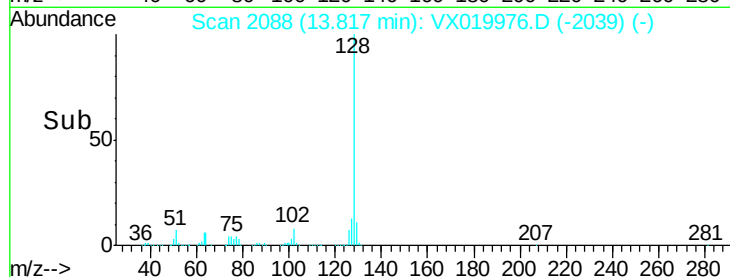
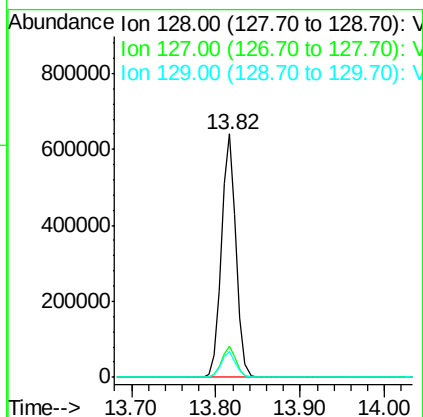
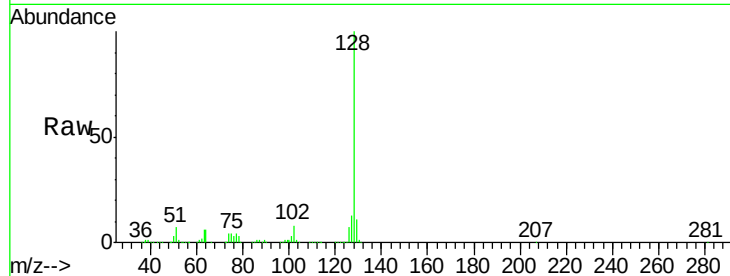
#95
Naphthalene
Concen: 55.414 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	10.6	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
12/15/2020 5:33:48 PM



#96
1,2,3-Trichlorobenzene
Concen: 53.598 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019976.D
Acq: 14 Dec 2020 10:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.6	142.9
145	33.1	16.1	48.3

