

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112320\
 Data File : VX019592.D
 Acq On : 24 Nov 2020 08:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/24/2020 3:00:12 PM

Quant Time: Nov 24 08:35:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	263162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	454282	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	413675	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	200115	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	169793	49.76	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.52%
35) Dibromofluoromethane	5.46	113	138495	48.57	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.14%
50) Toluene-d8	8.70	98	535064	48.29	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.58%
62) 4-Bromofluorobenzene	11.12	95	197800	49.61	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.22%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	126960	49.611	ug/l 99
3) Chloromethane	1.31	50	141231	48.093	ug/l 100
4) Vinyl Chloride	1.39	62	155260	49.114	ug/l 99
5) Bromomethane	1.62	94	56345	47.057	ug/l 99
6) Chloroethane	1.69	64	35809	46.174	ug/l 98
7) Trichlorofluoromethane	1.90	101	222213	48.702	ug/l 97
8) Diethyl Ether	2.17	74	93646	51.248	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	122239	48.022	ug/l 99
10) Methyl Iodide	2.48	142	180821	54.072	ug/l 100
11) Tert butyl alcohol	3.05	59	182468	282.570	ug/l 99
12) 1,1-Dichloroethene	2.34	96	129285	49.484	ug/l 98
13) Acrolein	2.28	56	97268	224.086	ug/l 98
14) Allyl chloride	2.70	41	187634	45.844	ug/l 99
15) Acrylonitrile	3.12	53	406947	267.220	ug/l 100
16) Acetone	2.43	43	329811	249.946	ug/l 99
17) Carbon Disulfide	2.54	76	315393	44.935	ug/l 100
18) Methyl Acetate	2.75	43	173519	53.586	ug/l 99
19) Methyl tert-butyl Ether	3.17	73	485137	53.794	ug/l 98
20) Methylene Chloride	2.83	84	160539	48.677	ug/l 99
21) trans-1,2-Dichloroethene	3.14	96	146336	49.436	ug/l 97
22) Diisopropyl ether	3.82	45	443438	52.372	ug/l 98
23) Vinyl Acetate	3.78	43	1910961	269.073	ug/l 100
24) 1,1-Dichloroethane	3.67	63	265377	51.242	ug/l 99
25) 2-Butanone	4.64	43	523524	264.115	ug/l 99
26) 2,2-Dichloropropane	4.55	77	157705	34.887	ug/l 98
27) cis-1,2-Dichloroethene	4.56	96	175180	51.520	ug/l 99
28) Bromochloromethane	4.98	49	114313	46.168	ug/l 98
29) Tetrahydrofuran	5.09	42	335299	265.116	ug/l 99
30) Chloroform	5.17	83	281350	51.955	ug/l 98
31) Cyclohexane	5.54	56	218113	49.148	ug/l 97
32) 1,1,1-Trichloroethane	5.46	97	240485	51.698	ug/l 100
36) 1,1-Dichloropropene	5.76	75	200349	47.042	ug/l 99
37) Ethyl Acetate	4.79	43	207448	51.885	ug/l 99
38) Carbon Tetrachloride	5.75	117	202302	49.075	ug/l 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112320\
 Data File : VX019592.D
 Acq On : 24 Nov 2020 08:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/24/2020 3:00:12 PM

Quant Time: Nov 24 08:35:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	222635	44.896	ug/l	98
40) Benzene	6.11	78	630934	48.216	ug/l	99
41) Methacrylonitrile	5.01	41	111578	50.607	ug/l	98
42) 1,2-Dichloroethane	6.16	62	222251	49.553	ug/l	100
43) Isopropyl Acetate	6.42	43	338956	50.432	ug/l	99
44) Trichloroethene	7.18	130	165203	48.198	ug/l	96
45) 1,2-Dichloropropane	7.49	63	159822	49.613	ug/l	99
46) Dibromomethane	7.63	93	110098	49.935	ug/l	99
47) Bromodichloromethane	7.87	83	218897	51.164	ug/l	98
48) Methyl methacrylate	7.74	41	165930	52.716	ug/l	99
49) 1,4-Dioxane	7.72	88	80631	1128.210	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1039340	265.189	ug/l	100
52) Toluene	8.76	92	404467	50.526	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	230941	49.981	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	249321	48.623	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	165757	50.843	ug/l	100
56) Ethyl methacrylate	9.16	69	251896	54.604	ug/l	99
57) 1,3-Dichloropropane	9.35	76	280611	51.411	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	664966	246.001	ug/l	100
59) 2-Hexanone	9.48	43	777785	261.666	ug/l	98
60) Dibromochloromethane	9.57	129	167810	52.551	ug/l	99
61) 1,2-Dibromoethane	9.65	107	174830	52.025	ug/l	99
64) Tetrachloroethene	9.32	164	141741	43.590	ug/l	94
65) Chlorobenzene	10.12	112	421934	49.609	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	160936	52.021	ug/l	97
67) Ethyl Benzene	10.23	91	760733	51.056	ug/l	99
68) m/p-Xylenes	10.34	106	564648	101.717	ug/l	99
69) o-Xylene	10.68	106	279269	52.628	ug/l	98
70) Styrene	10.70	104	469345	47.855	ug/l	100
71) Bromoform	10.84	173	118410	45.530	ug/l #	99
73) Isopropylbenzene	11.00	105	725590	52.414	ug/l	99
74) N-amyl acetate	10.88	43	291044	56.106	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	259337	52.385	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	223272m	51.125	ug/l	
77) Bromobenzene	11.24	156	181323	51.308	ug/l	100
78) n-propylbenzene	11.34	91	809272	50.958	ug/l	100
79) 2-Chlorotoluene	11.40	91	498677	51.776	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	611421	52.650	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	69204	43.409	ug/l	99
82) 4-Chlorotoluene	11.49	91	582169	51.346	ug/l	99
83) tert-Butylbenzene	11.76	119	601415	53.530	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	620931	52.844	ug/l	100
85) sec-Butylbenzene	11.93	105	683001	51.100	ug/l	99
86) p-Isopropyltoluene	12.05	119	617414	50.878	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	322015	49.615	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	330902	49.497	ug/l	100
89) n-Butylbenzene	12.37	91	514772	46.922	ug/l	98
90) Hexachloroethane	12.58	117	104608	51.515	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	324669	49.807	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55286	54.741	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112320\
Data File : VX019592.D
Acq On : 24 Nov 2020 08:11
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 55 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

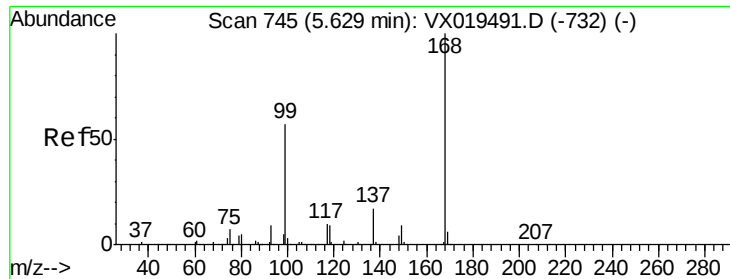
Manual Integrations
APPROVED

MMDadoda
11/24/2020 3:00:12 PM

Quant Time: Nov 24 08:35:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	206915	49.442	ug/l	99
94) Hexachlorobutadiene	13.76	225	81619	42.812	ug/l	98
95) Naphthalene	13.82	128	727972	49.348	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	216394	51.693	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019592.D

Acq: 24 Nov 2020 08:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 263162

Ion Ratio Lower Upper

168 100

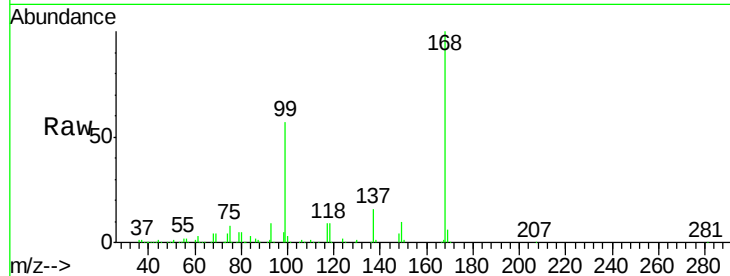
99 56.8 45.8 68.6

Manual Integrations

APPROVED

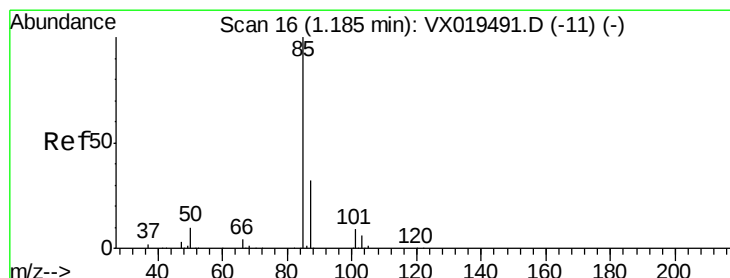
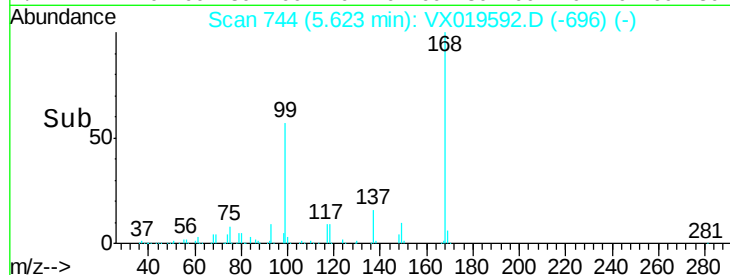
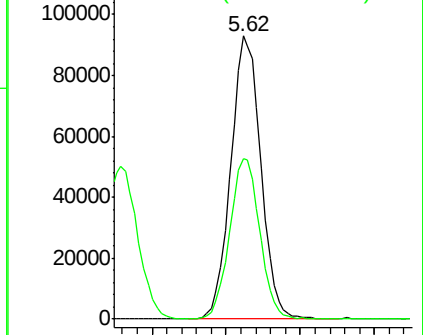
MMDadoda

11/24/2020 3:00:12 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 49.611 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019592.D

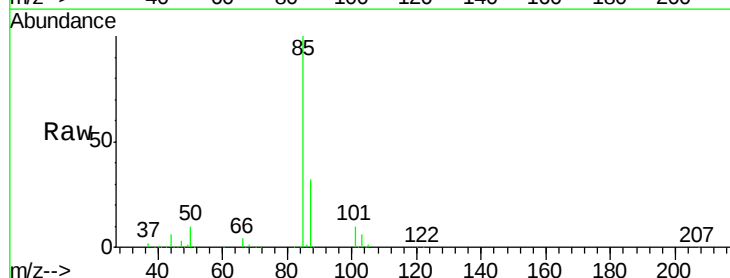
Acq: 24 Nov 2020 08:11

Tgt Ion: 85 Resp: 126960

Ion Ratio Lower Upper

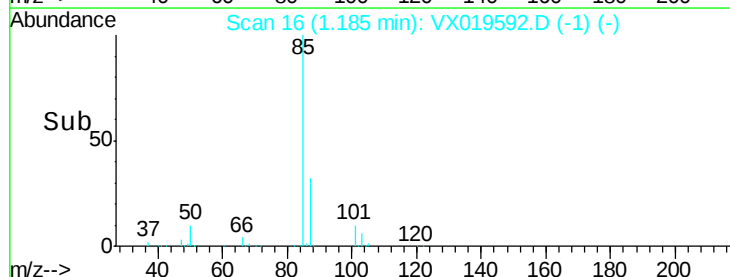
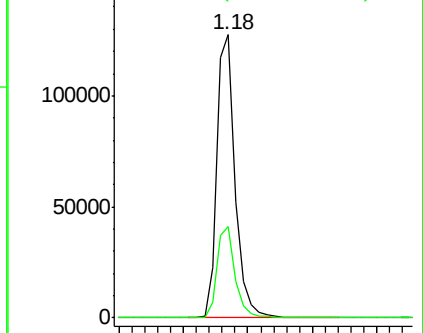
85 100

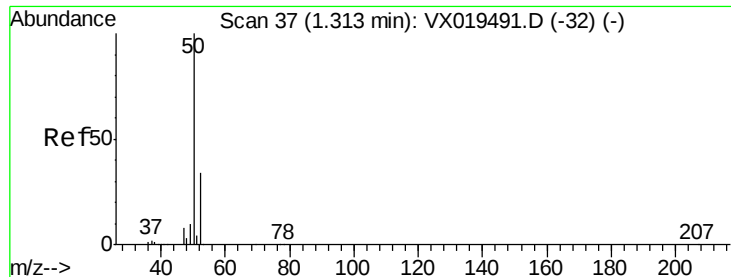
87 32.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 48.093 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019592.D

Acq: 24 Nov 2020 08:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 141231

Ion Ratio Lower Upper

50 100

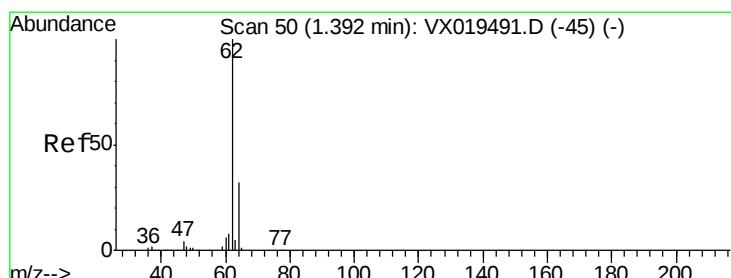
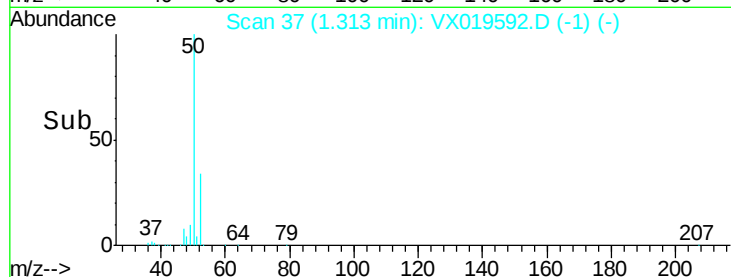
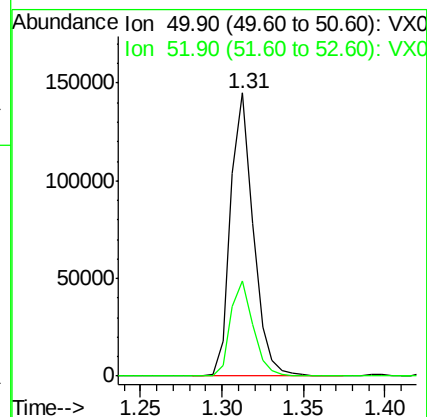
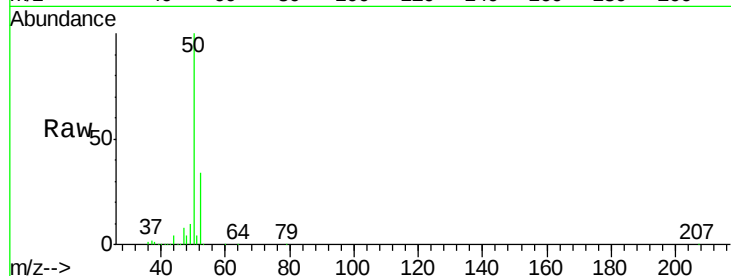
52 33.5 27.0 40.6

Manual Integrations

APPROVED

MMDadoda

11/24/2020 3:00:12 PM



#4

Vinyl Chloride

Concen: 49.114 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019592.D

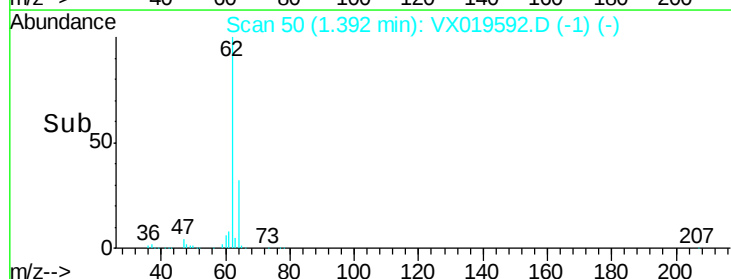
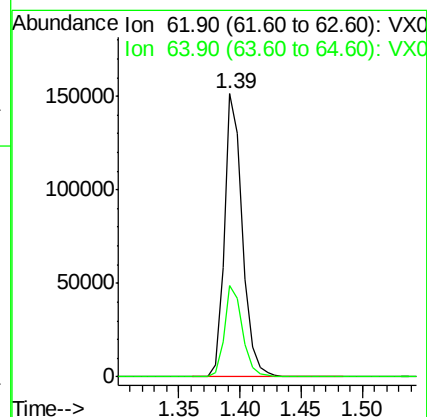
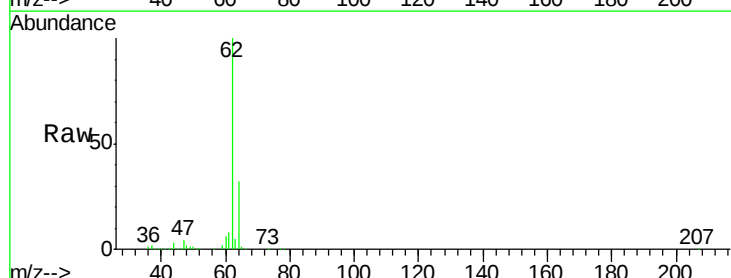
Acq: 24 Nov 2020 08:11

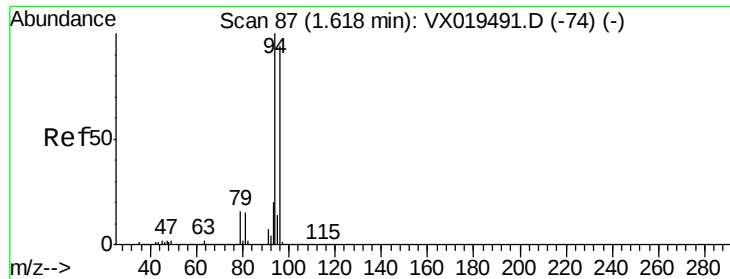
Tgt Ion: 62 Resp: 155260

Ion Ratio Lower Upper

62 100

64 32.1 25.4 38.2





#5

Bromomethane

Concen: 47.057 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019592.D

Acq: 24 Nov 2020 08:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 56345

Ion Ratio Lower Upper

94 100

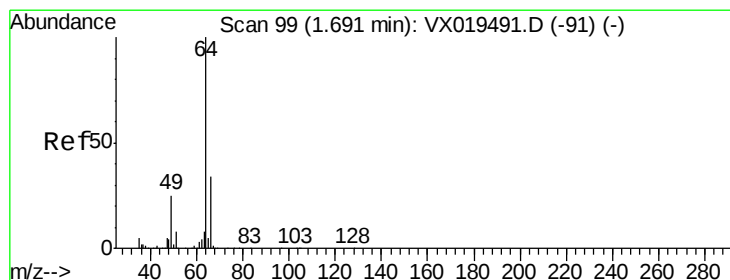
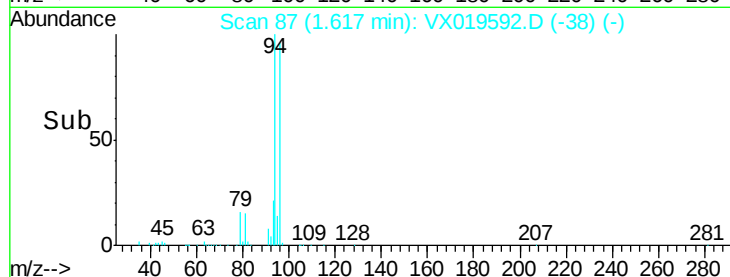
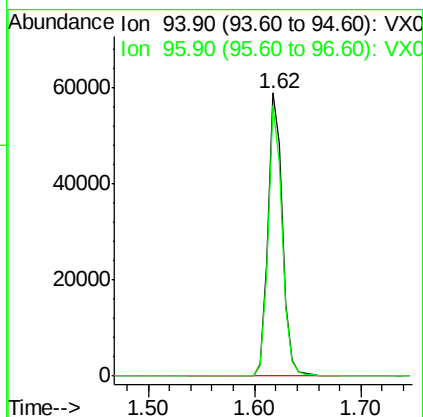
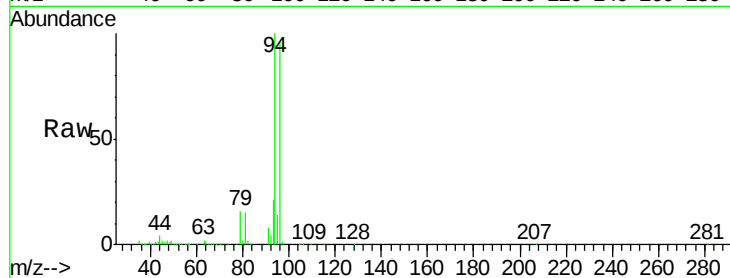
96 95.8 75.6 113.4

Manual Integrations

APPROVED

MMDadoda

11/24/2020 3:00:12 PM



#6

Chloroethane

Concen: 46.174 ug/l

RT: 1.69 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX019592.D

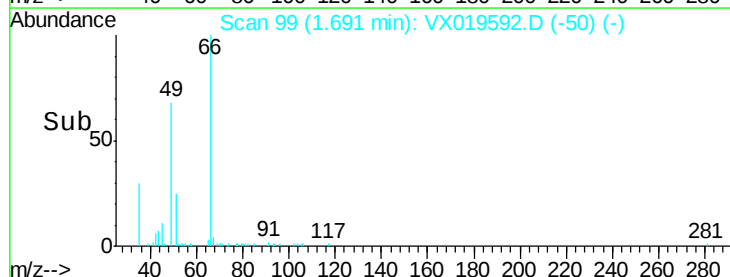
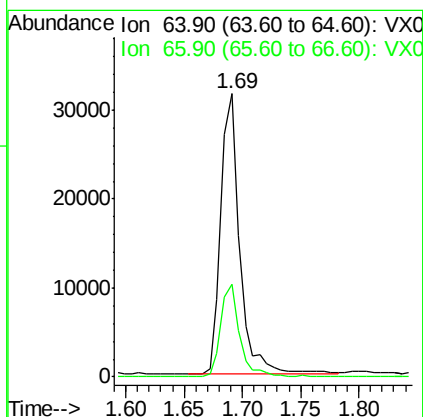
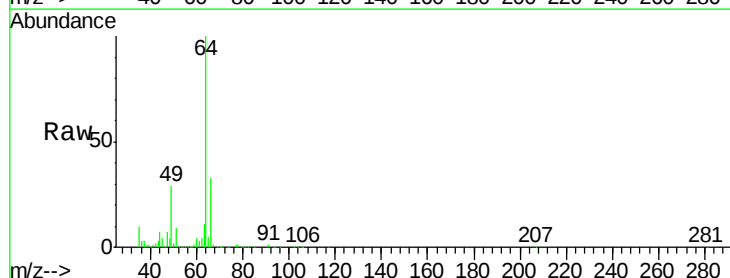
Acq: 24 Nov 2020 08:11

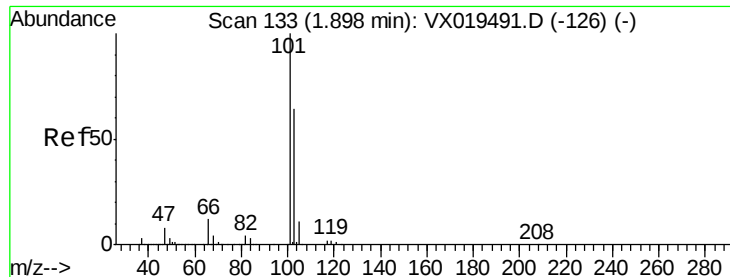
Tgt Ion: 64 Resp: 35809

Ion Ratio Lower Upper

64 100

66 32.9 27.1 40.7





#7

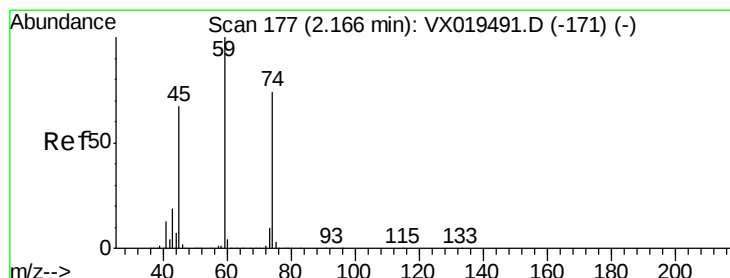
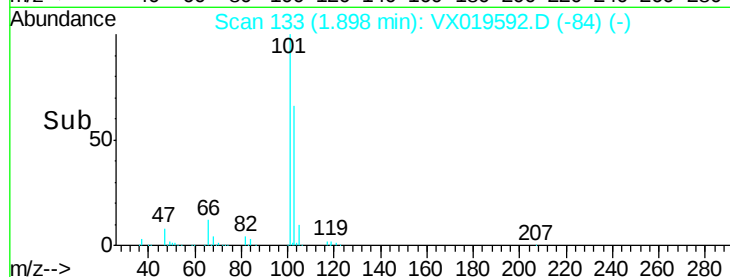
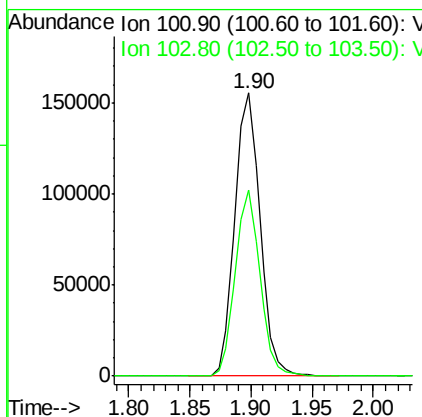
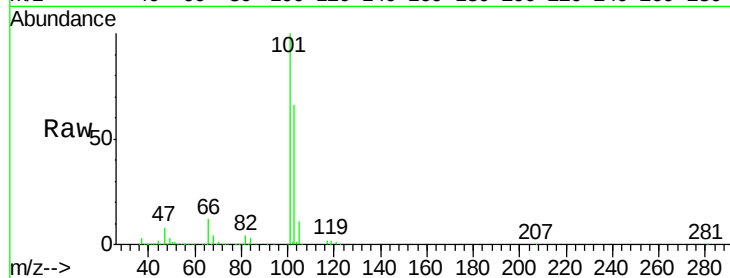
Trichlorofluoromethane
Concen: 48.702 ug/l
RT: 1.90 min Scan# 133
Delta R.T. -0.00 min
Lab File: VX019592.D
Acq: 24 Nov 2020 08:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.7	50.9	76.3

Manual Integrations
APPROVED

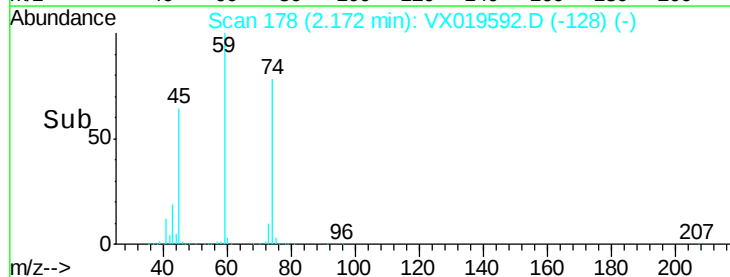
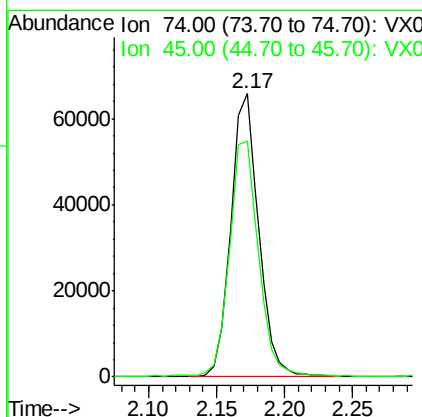
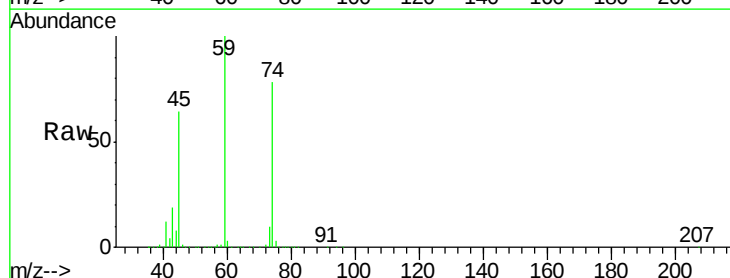
MMDadoda
11/24/2020 3:00:12 PM

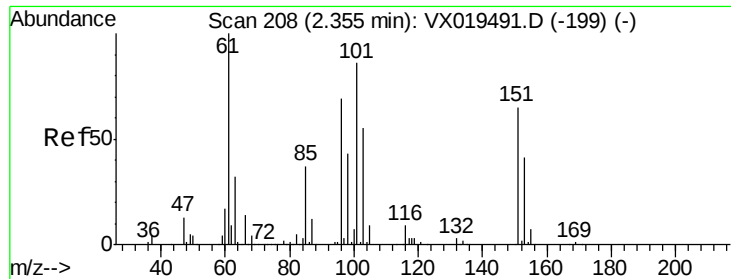


#8

Diethyl Ether
Concen: 51.248 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX019592.D
Acq: 24 Nov 2020 08:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	87.0	44.4	133.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.022 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019592.D

Acq: 24 Nov 2020 08:11

Instrument :

MSVOA_X

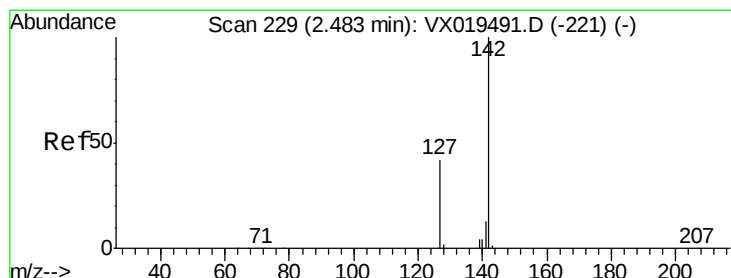
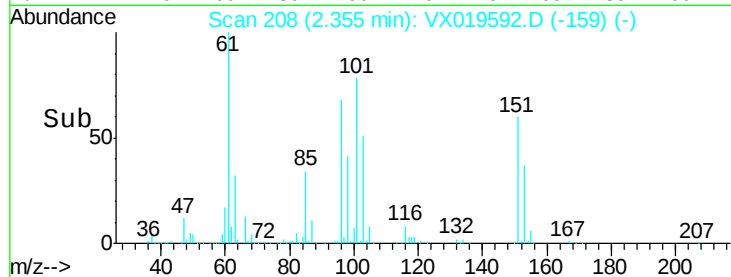
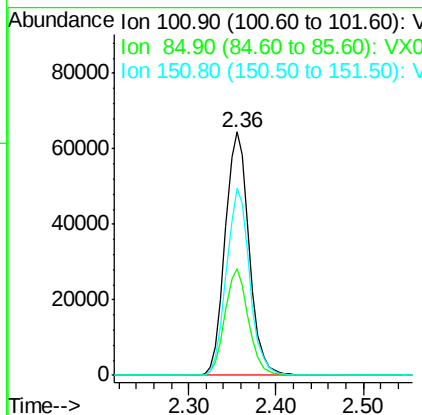
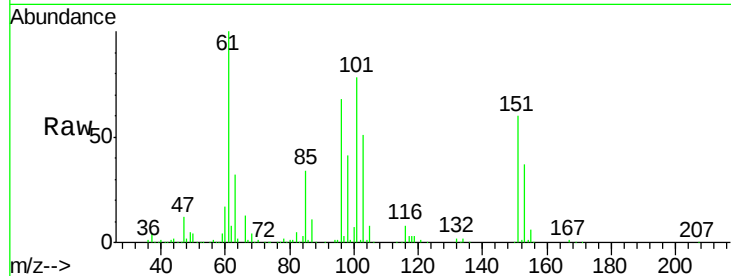
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	122239
Ion Ratio	Lower	Upper	
101	100		
85	43.0	33.9	50.9
151	75.1	60.9	91.3

Manual Integrations
APPROVED

MMDadoda
11/24/2020 3:00:12 PM



#10

Methyl Iodide

Concen: 54.072 ug/l

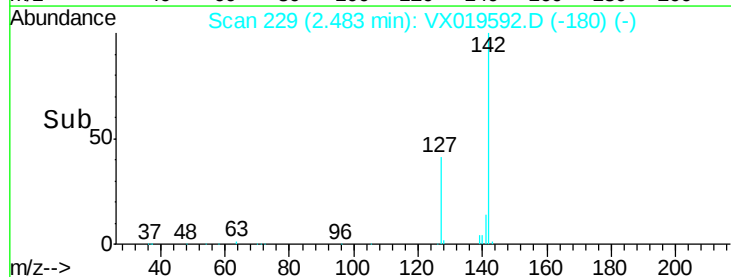
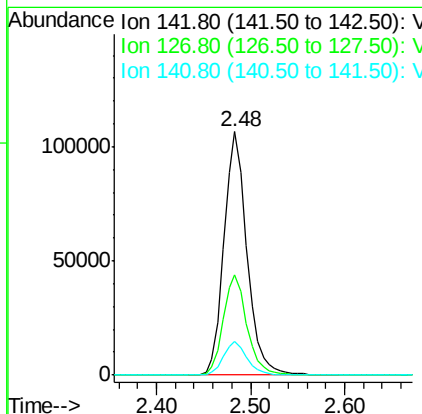
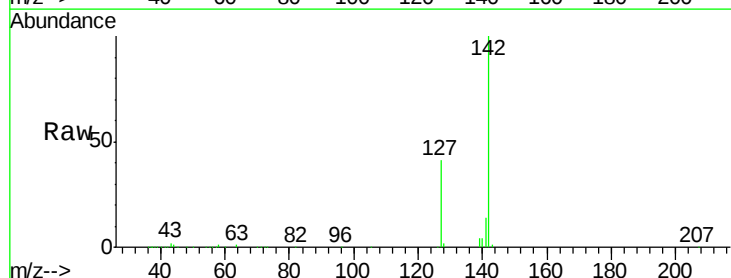
RT: 2.48 min Scan# 229

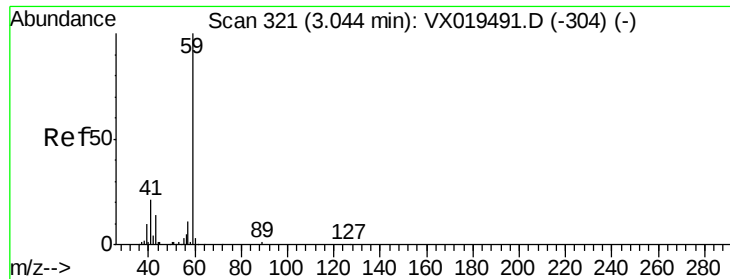
Delta R.T. -0.00 min

Lab File: VX019592.D

Acq: 24 Nov 2020 08:11

Tgt Ion:	142	Resp:	180821
Ion Ratio	Lower	Upper	
142	100		
127	42.2	33.8	50.6
141	13.8	11.0	16.6





#11

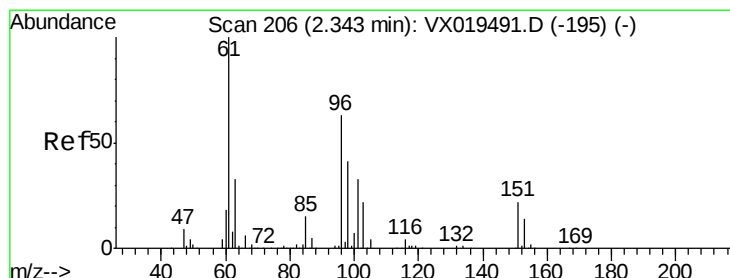
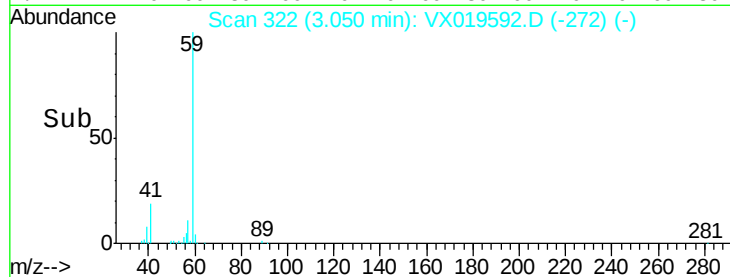
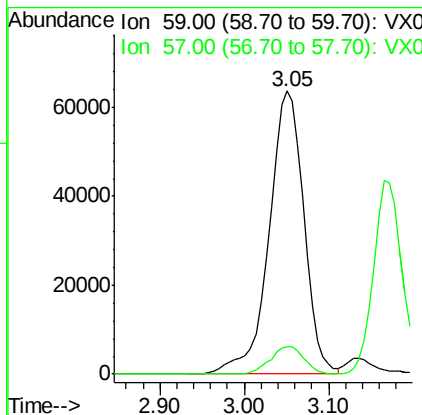
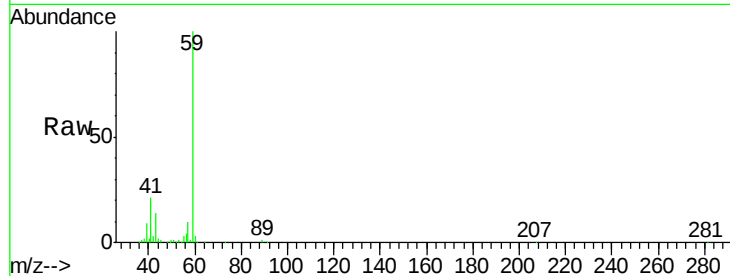
Tert butyl alcohol
 Concen: 282.570 ug/l
 RT: 3.05 min Scan# 322
 Delta R.T. 0.01 min
 Lab File: VX019592.D
 Acq: 24 Nov 2020 08:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.6	7.9	11.9

Manual Integrations
 APPROVED

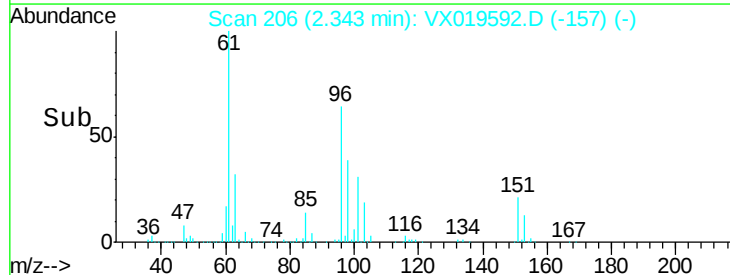
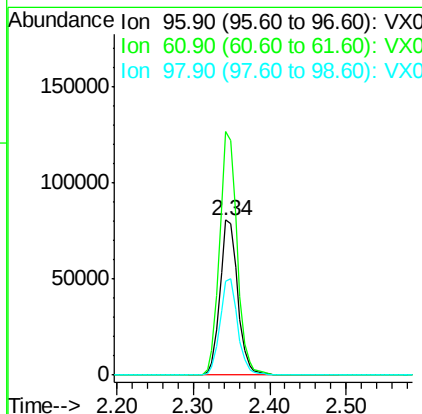
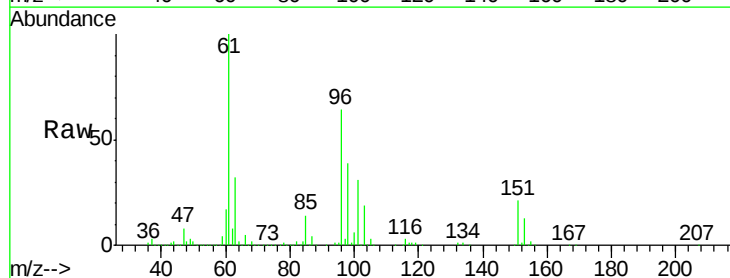
MMDadoda
 11/24/2020 3:00:12 PM

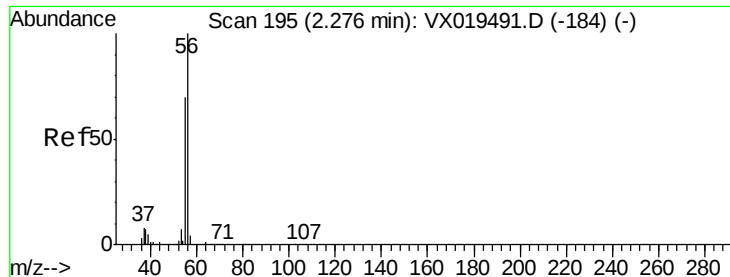


#12

1,1-Dichloroethene
 Concen: 49.484 ug/l
 RT: 2.34 min Scan# 206
 Delta R.T. -0.00 min
 Lab File: VX019592.D
 Acq: 24 Nov 2020 08:11

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.0	126.0	189.0
98	60.6	52.0	78.0





#13

Acrolein

Concen: 224.086 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019592.D

Acq: 24 Nov 2020 08:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 97268

Ion Ratio Lower Upper

56 100

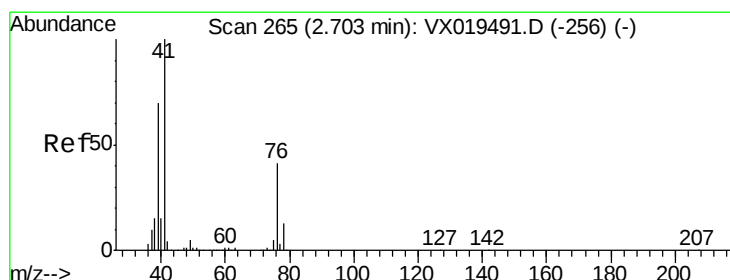
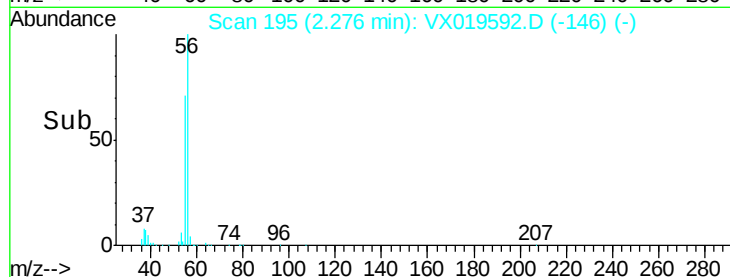
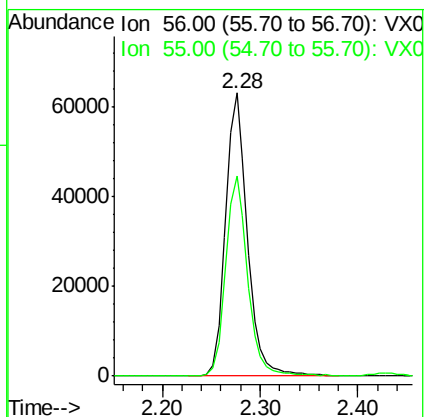
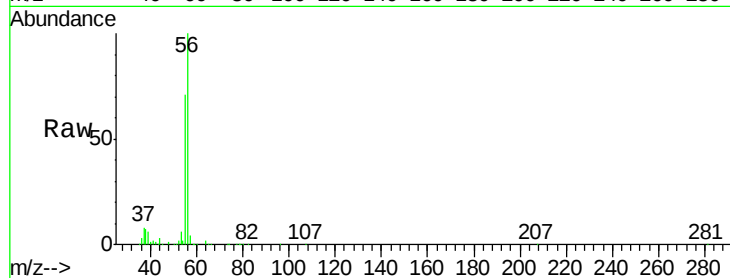
55 71.4 55.5 83.3

Manual Integrations

APPROVED

MMDadoda

11/24/2020 3:00:12 PM



#14

Allyl chloride

Concen: 45.844 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019592.D

Acq: 24 Nov 2020 08:11

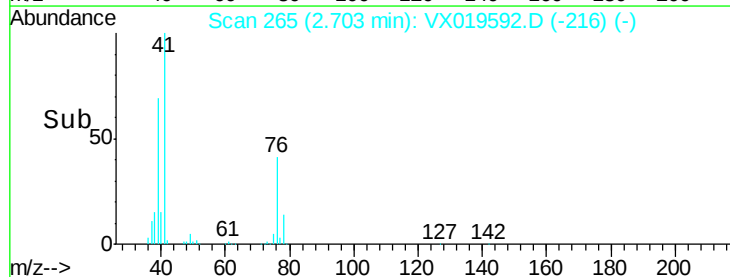
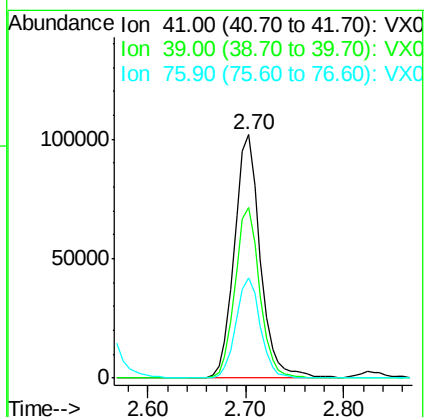
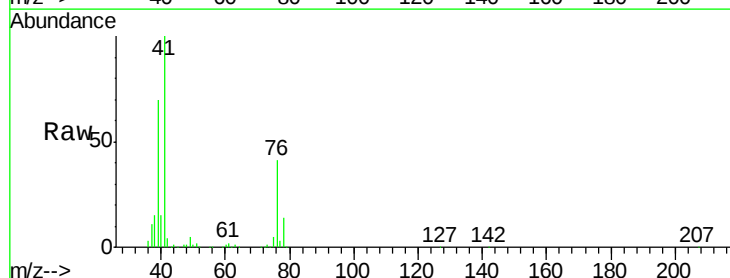
Tgt Ion: 41 Resp: 187634

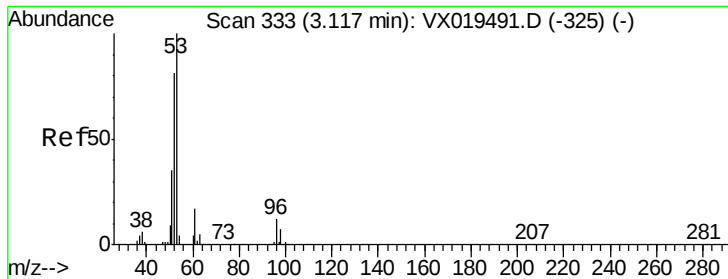
Ion Ratio Lower Upper

41 100

39 66.9 53.0 79.4

76 39.2 31.0 46.6





#15

Acrylonitrile

Concen: 267.220 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019592.D

Acq: 24 Nov 2020 08:11

Instrument :

MSVOA_X

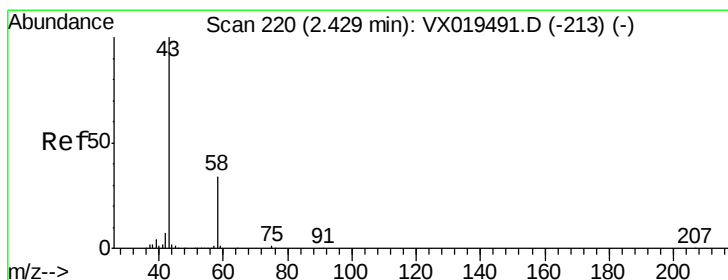
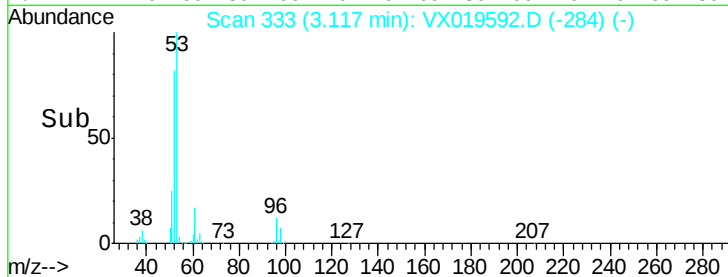
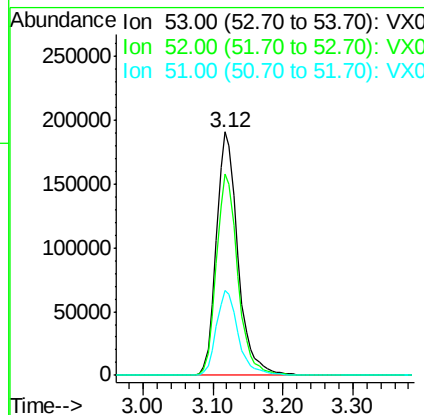
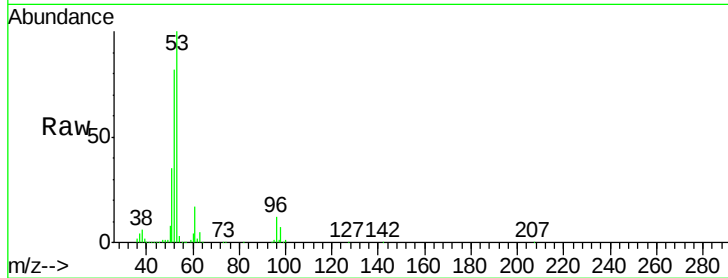
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	406947
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.2	99.2
51	35.8	28.5	42.7

Manual Integrations
APPROVED

MMDadoda
11/24/2020 3:00:12 PM



#16

Acetone

Concen: 249.946 ug/l

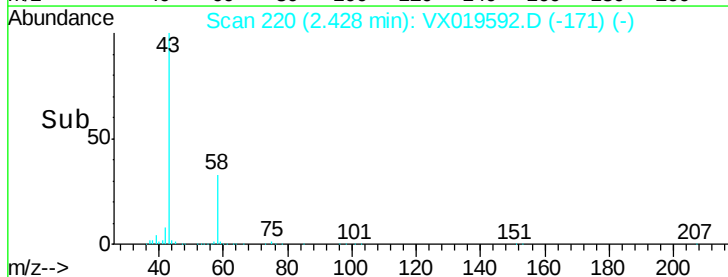
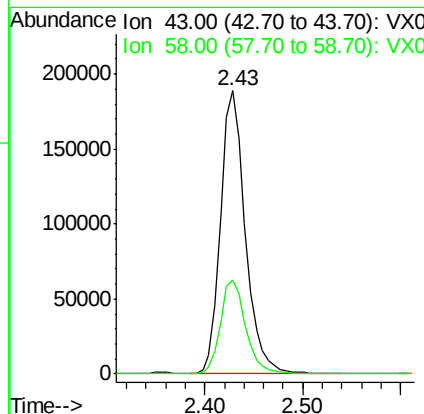
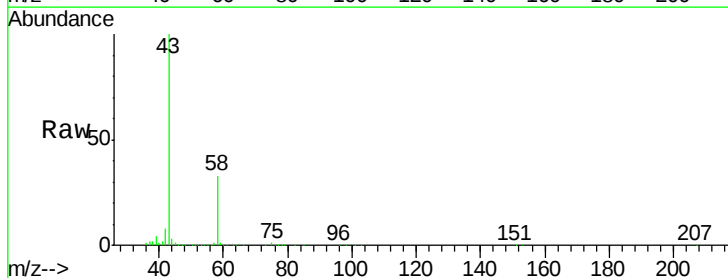
RT: 2.43 min Scan# 220

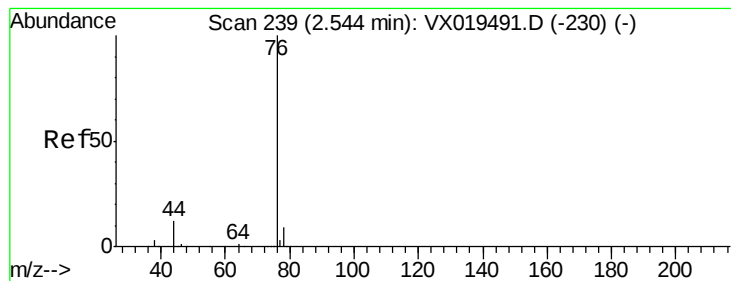
Delta R.T. -0.00 min

Lab File: VX019592.D

Acq: 24 Nov 2020 08:11

Tgt Ion:	43	Resp:	329811
Ion	Ratio	Lower	Upper
43	100		
58	33.5	27.4	41.2





#17

Carbon Disulfide

Concen: 44.935 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.01 min

Lab File: VX019592.D

Acq: 24 Nov 2020 08:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 315393

Ion Ratio Lower Upper

76 100

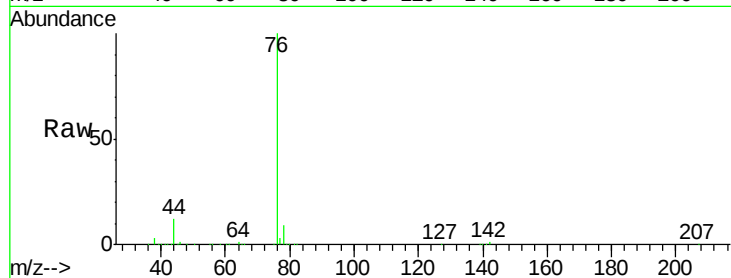
78 8.9 7.2 10.8

Manual Integrations

APPROVED

MMDadoda

11/24/2020 3:00:12 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.54

200000

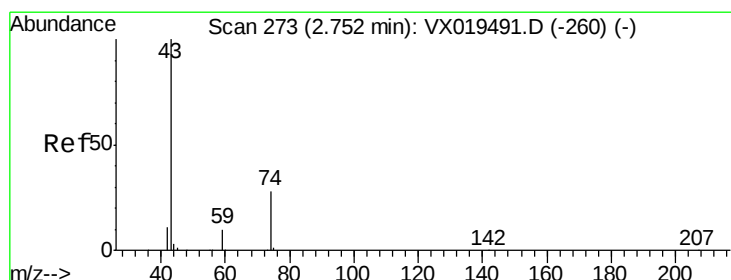
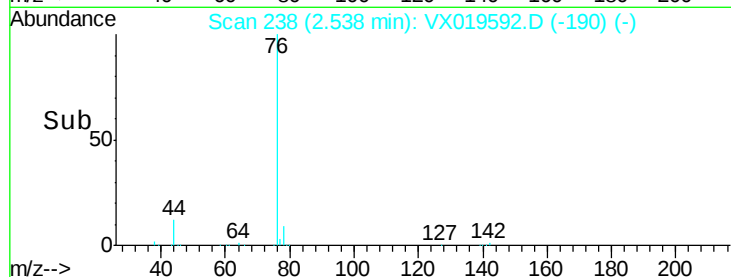
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 53.586 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX019592.D

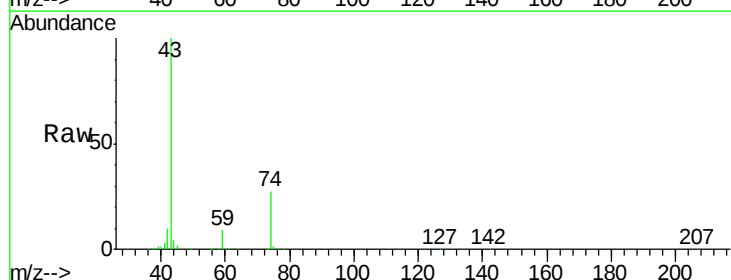
Acq: 24 Nov 2020 08:11

Tgt Ion: 43 Resp: 173519

Ion Ratio Lower Upper

43 100

74 28.2 22.2 33.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

100000

80000

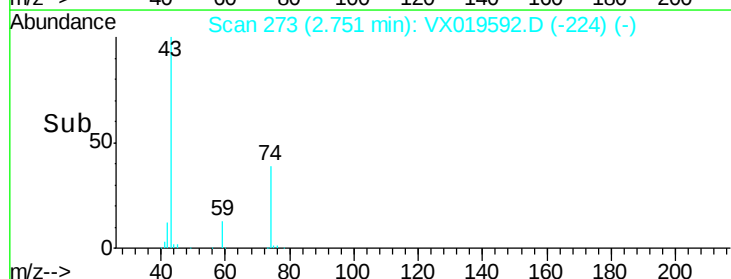
60000

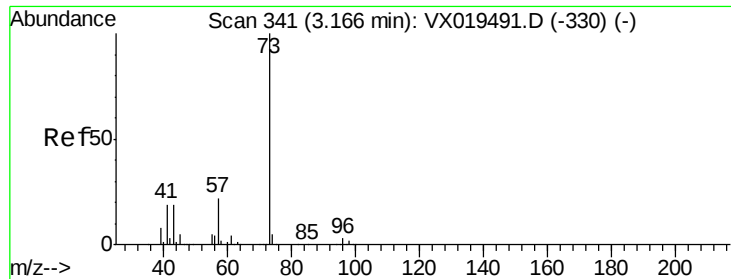
40000

20000

0

Time-->





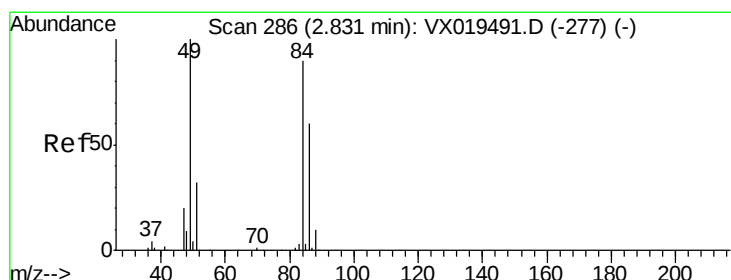
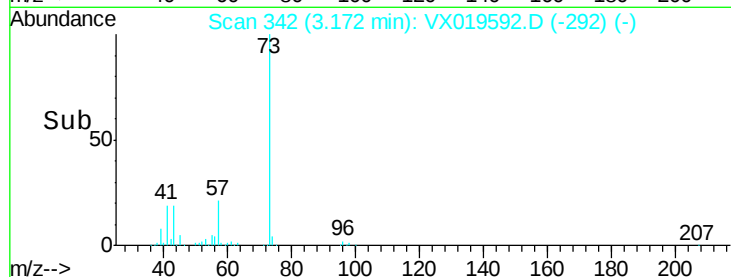
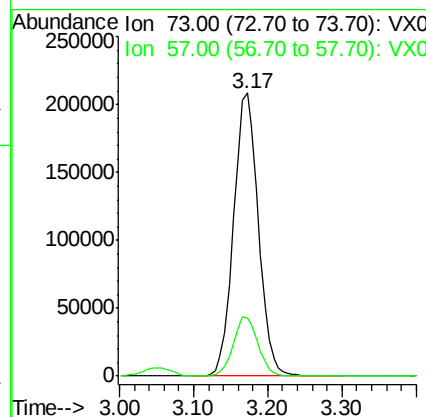
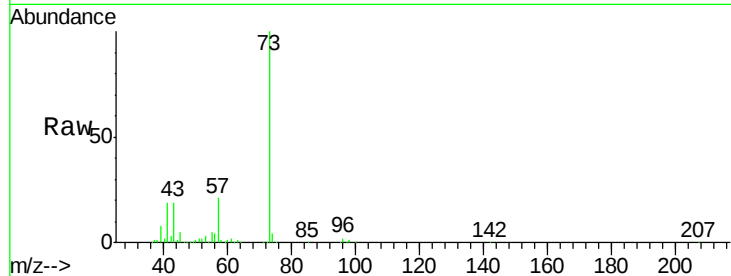
#19
Methvl tert-butvl Ether
Concen: 53.794 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX019592.D
Acq: 24 Nov 2020 08:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 485137
Ion Ratio Lower Upper
73 100
57 20.7 17.3 25.9

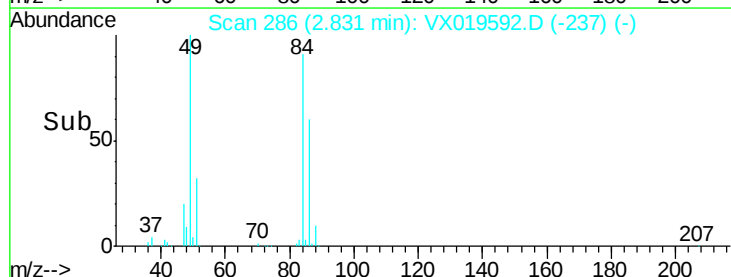
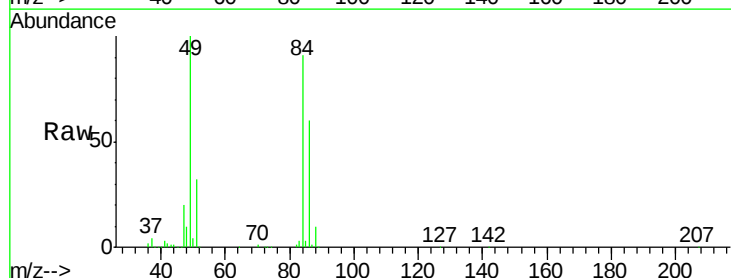
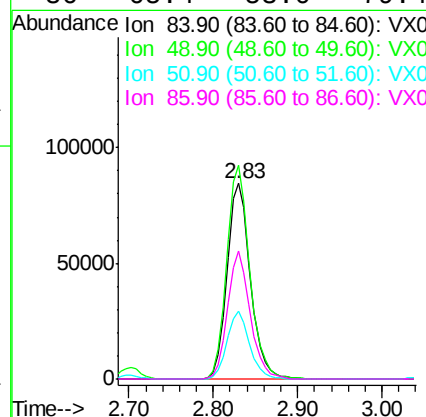
Manual Integrations
APPROVED

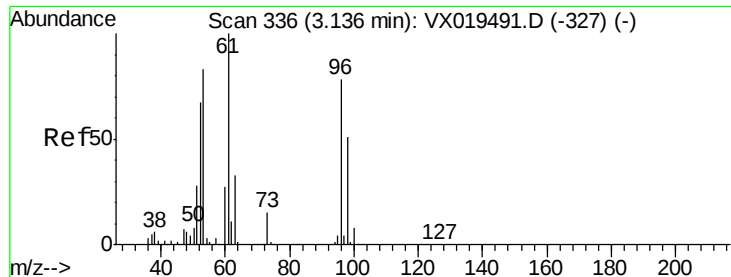
MMDadoda
11/24/2020 3:00:12 PM



#20
Methylene Chloride
Concen: 48.677 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019592.D
Acq: 24 Nov 2020 08:11

Tgt Ion: 84 Resp: 160539
Ion Ratio Lower Upper
84 100
49 109.3 88.5 132.7
51 34.7 28.0 42.0
86 65.4 53.0 79.4





#21

trans-1,2-Dichloroethene

Concen: 49.436 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019592.D

Acq: 24 Nov 2020 08:11

Instrument :

MSVOA_X

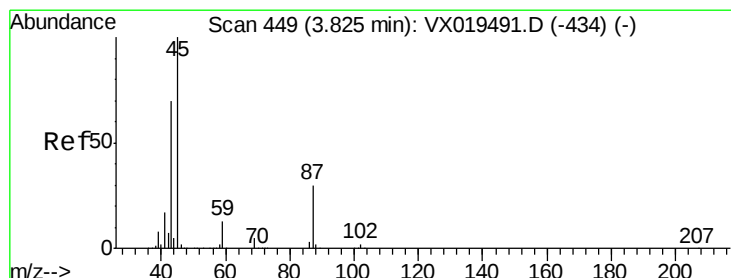
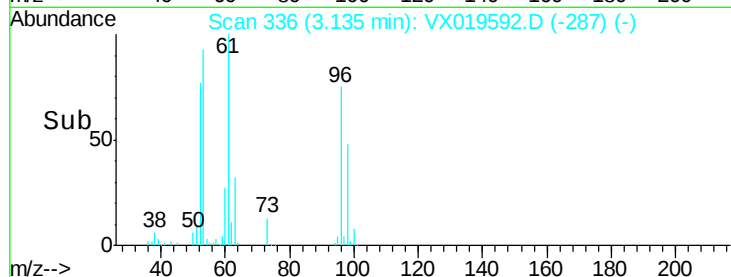
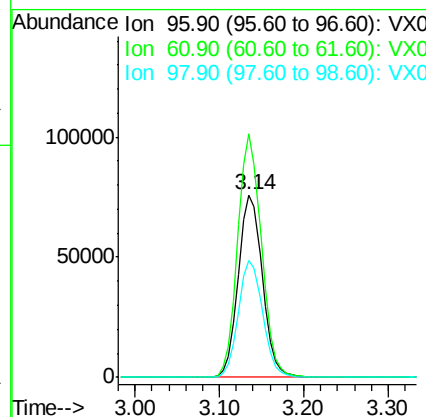
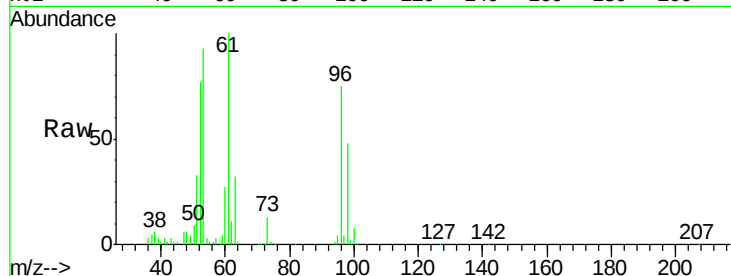
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	146336
Ion	Ratio	Lower	Upper
96	100		
61	133.3	102.9	154.3
98	64.1	52.1	78.1

Manual Integrations
APPROVED

MMDadoda
11/24/2020 3:00:12 PM



#22

Diisopropyl ether

Concen: 52.372 ug/l

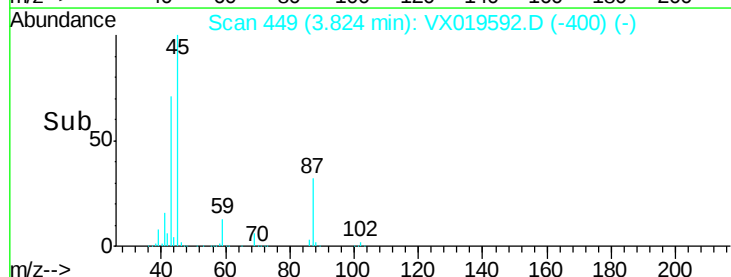
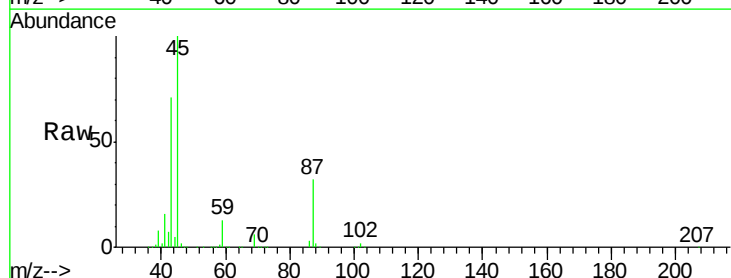
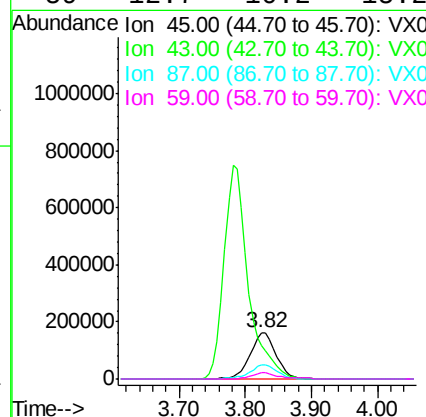
RT: 3.82 min Scan# 449

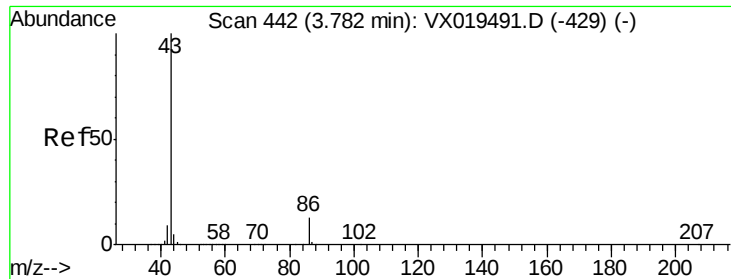
Delta R.T. -0.00 min

Lab File: VX019592.D

Acq: 24 Nov 2020 08:11

Tgt Ion:	45	Resp:	443438
Ion	Ratio	Lower	Upper
45	100		
43	71.4	56.1	84.1
87	31.8	24.2	36.2
59	12.7	10.2	15.2





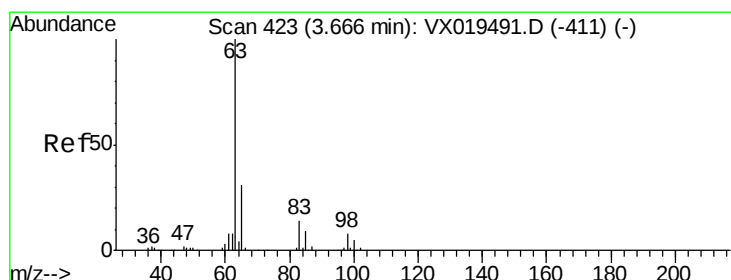
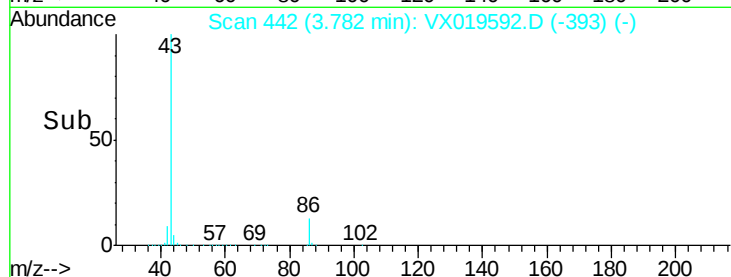
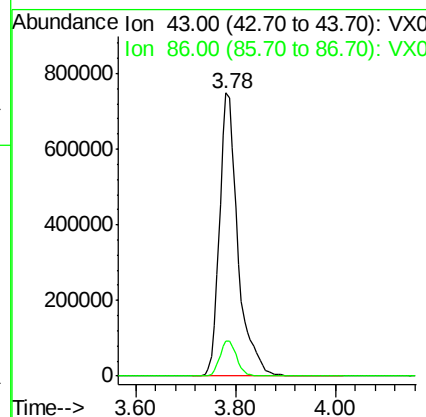
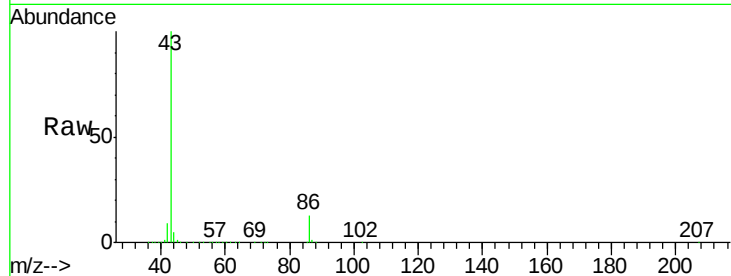
#23
 Vinyl Acetate
 Concen: 269.073 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: VX019592.D
 Acq: 24 Nov 2020 08:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1910961
 Ion Ratio Lower Upper
 43 100
 86 12.6 10.2 15.2

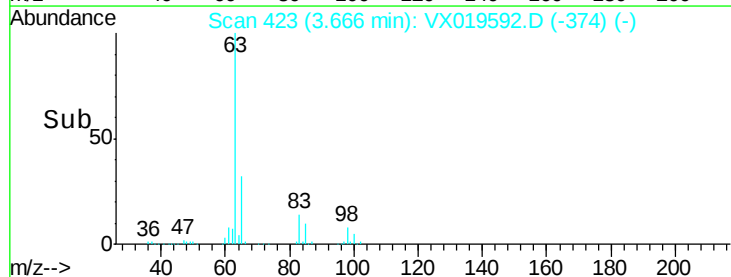
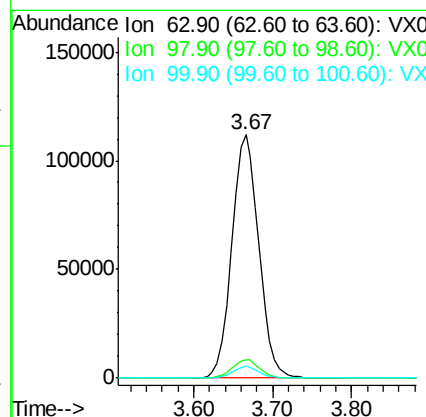
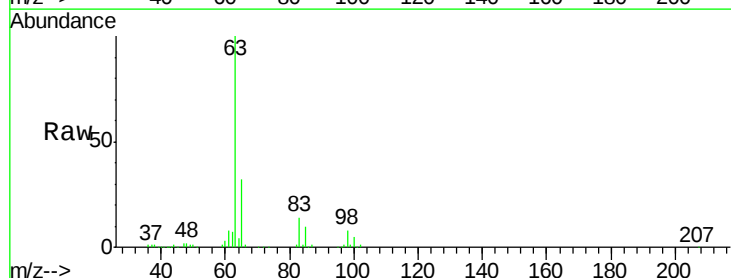
Manual Integrations
 APPROVED

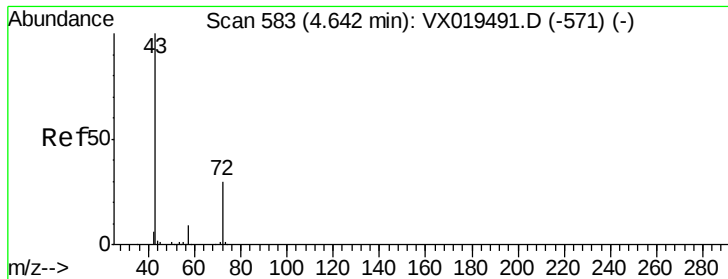
MMDadoda
 11/24/2020 3:00:12 PM



#24
 1,1-Dichloroethane
 Concen: 51.242 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. -0.00 min
 Lab File: VX019592.D
 Acq: 24 Nov 2020 08:11

Tgt Ion: 63 Resp: 265377
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.9 11.7
 100 4.9 2.4 7.1





#25

2-Butanone

Concen: 264.115 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX019592.D

Acq: 24 Nov 2020 08:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 523524

Ion Ratio Lower Upper

43 100

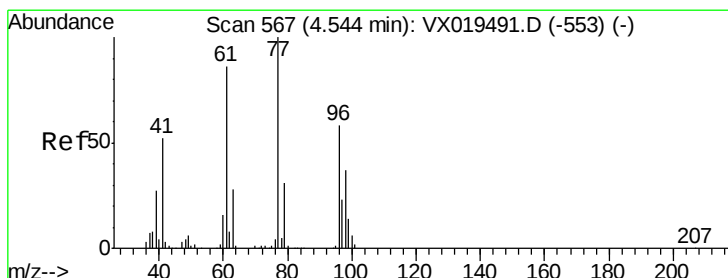
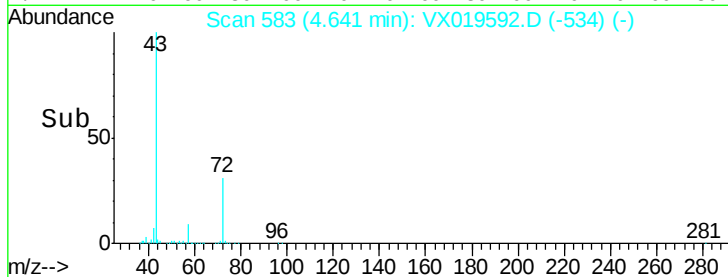
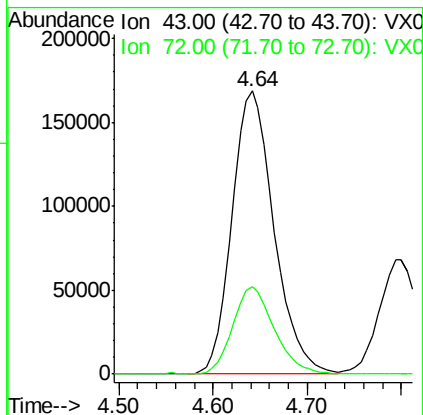
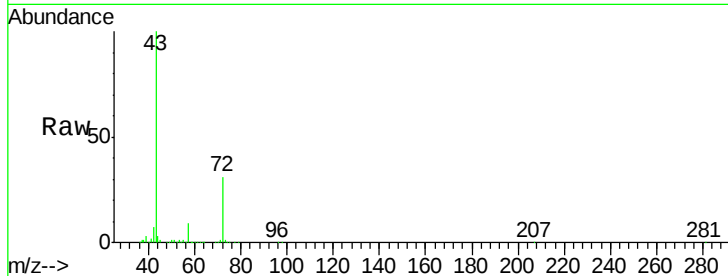
72 30.5 24.0 36.0

Manual Integrations

APPROVED

MMDadoda

11/24/2020 3:00:12 PM



#26

2,2-Dichloropropane

Concen: 34.887 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019592.D

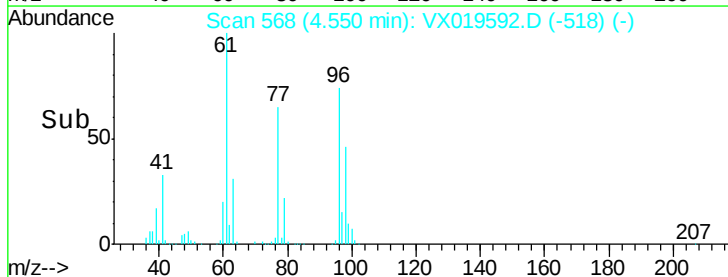
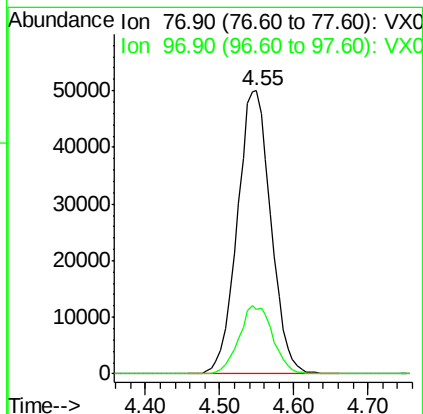
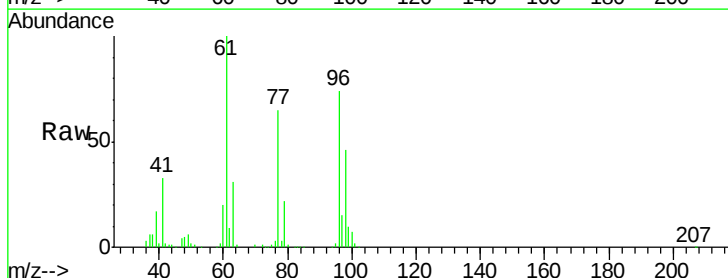
Acq: 24 Nov 2020 08:11

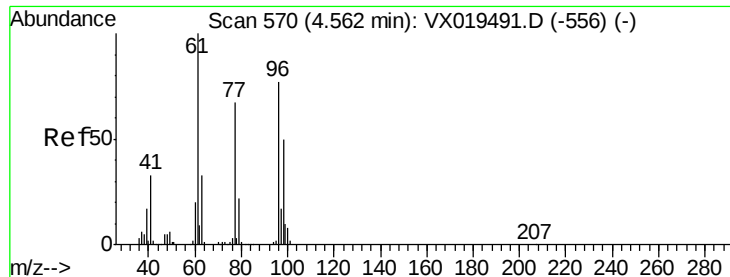
Tgt Ion: 77 Resp: 157705

Ion Ratio Lower Upper

77 100

97 24.1 11.6 34.8





#27

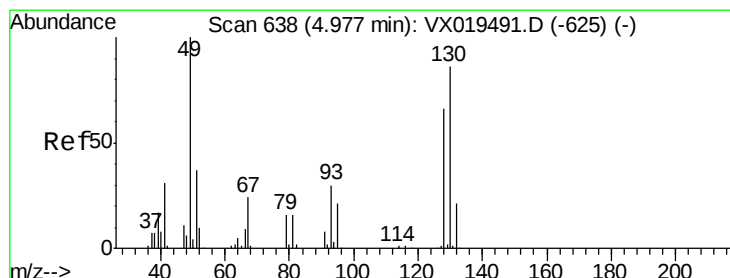
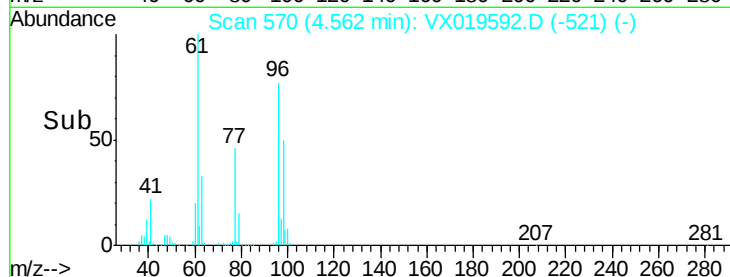
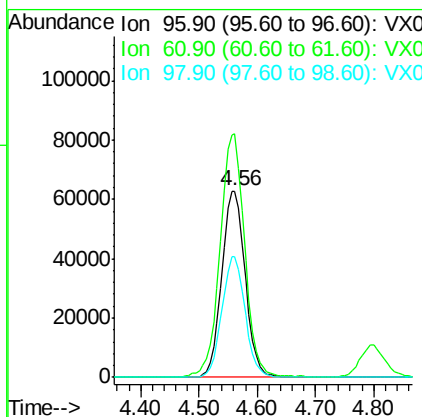
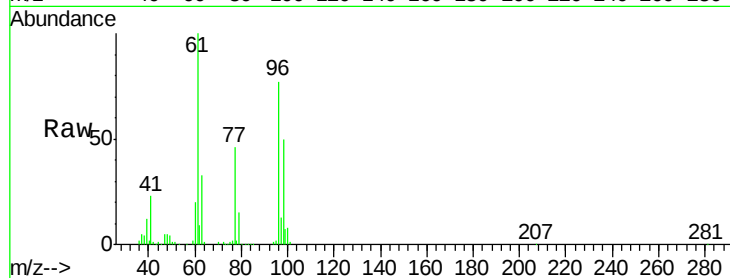
cis-1,2-Dichloroethene
Concen: 51.520 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019592.D
Acq: 24 Nov 2020 08:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.3	0.0	279.2
98	64.4	0.0	129.8

Manual Integrations
APPROVED

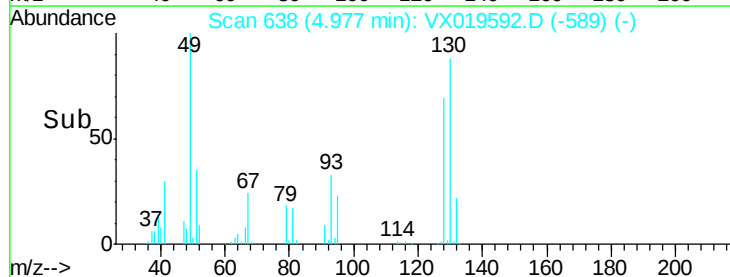
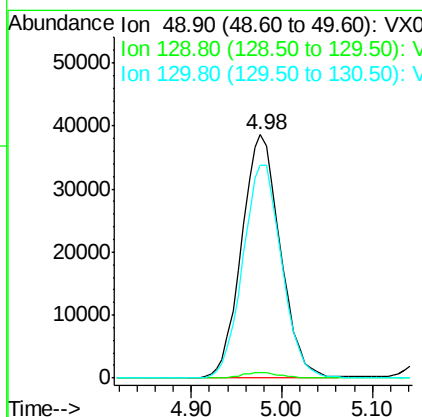
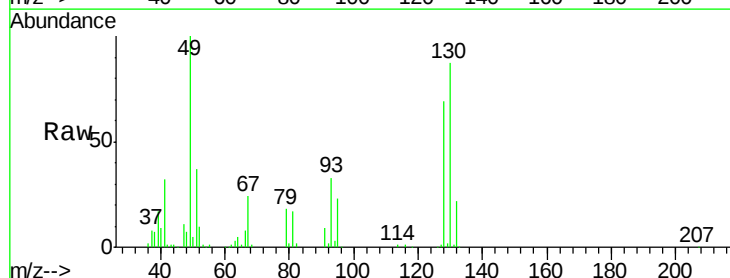
MMDadoda
11/24/2020 3:00:12 PM

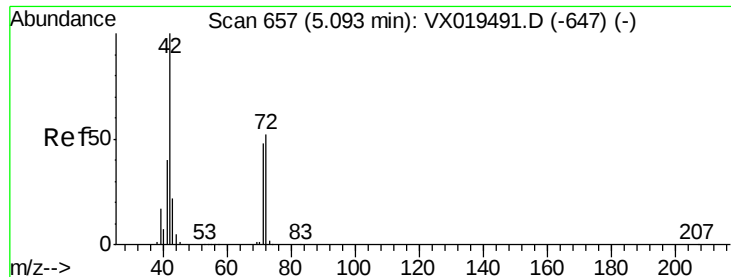


#28

Bromochloromethane
Concen: 46.168 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX019592.D
Acq: 24 Nov 2020 08:11

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	87.9	69.0	103.6





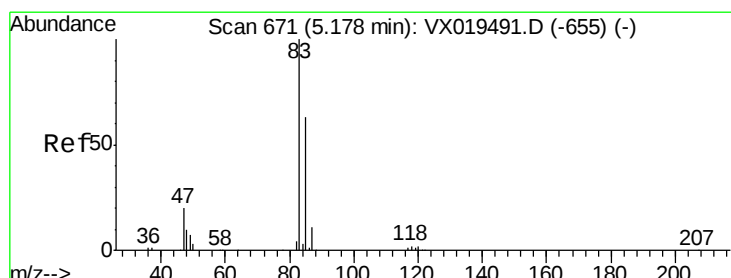
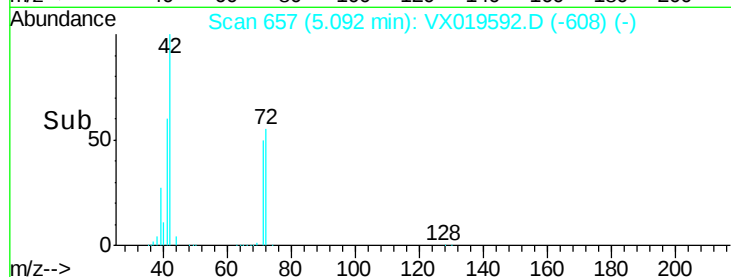
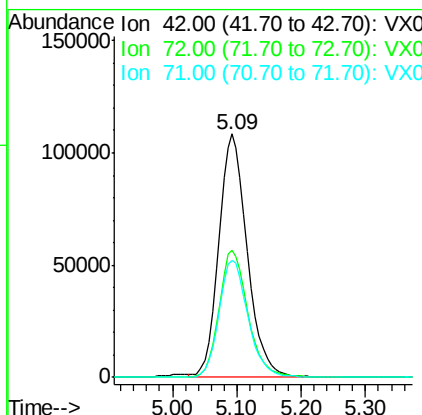
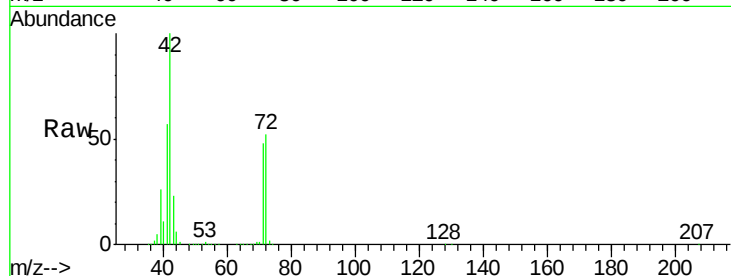
#29
Tetrahydrofuran
Concen: 265.116 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX019592.D
Acq: 24 Nov 2020 08:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	53.5	42.6	63.8
71	49.5	39.0	58.6

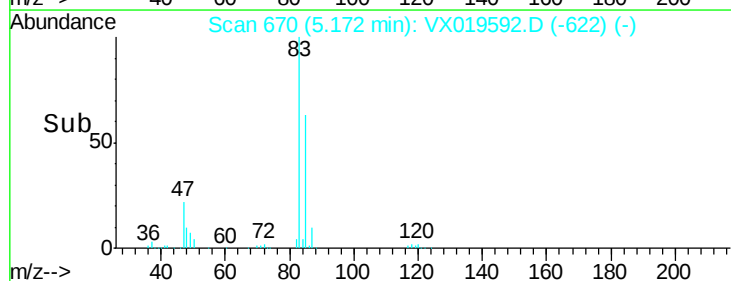
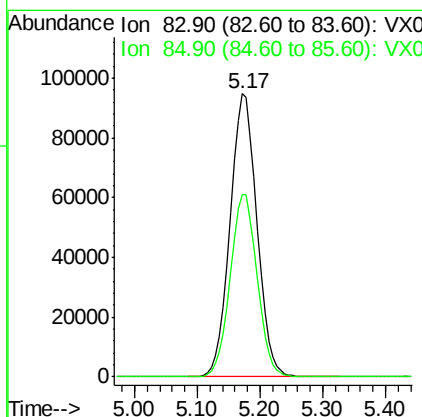
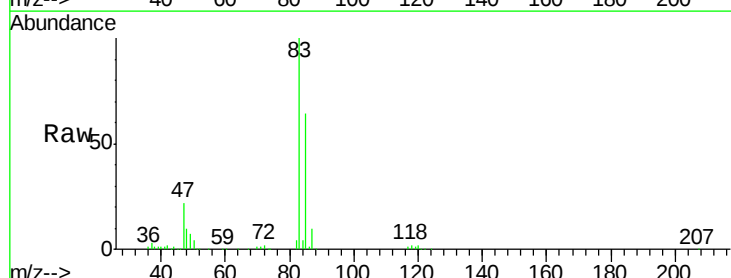
Manual Integrations
APPROVED

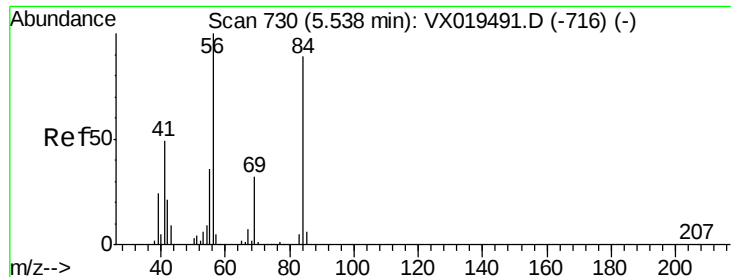
MMDadoda
11/24/2020 3:00:12 PM



#30
Chloroform
Concen: 51.955 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019592.D
Acq: 24 Nov 2020 08:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.5	75.7





#31

Cyclohexane

Concen: 49.148 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.01 min

Lab File: VX019592.D

Acq: 24 Nov 2020 08:11

Instrument :

MSVOA_X

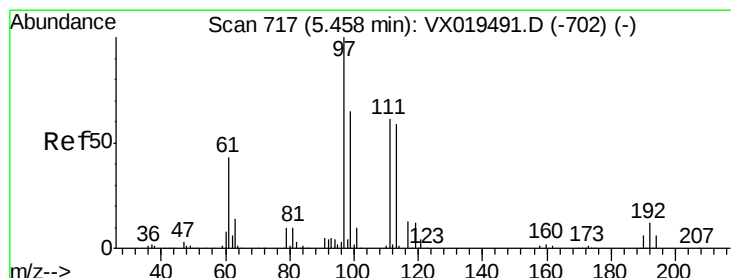
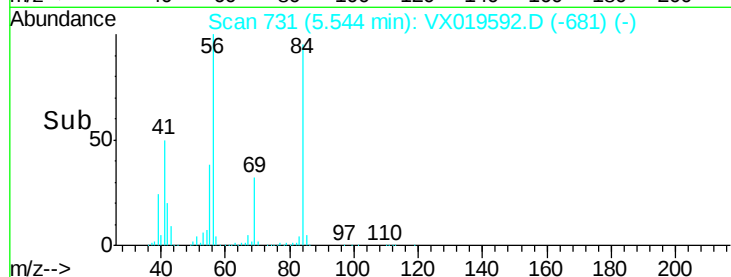
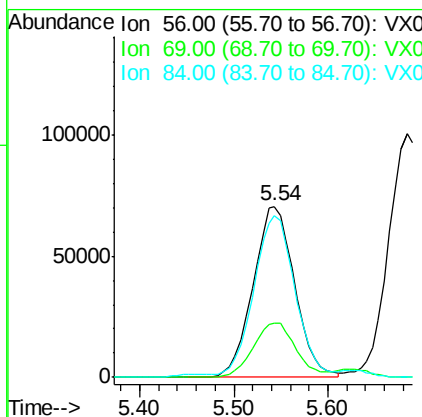
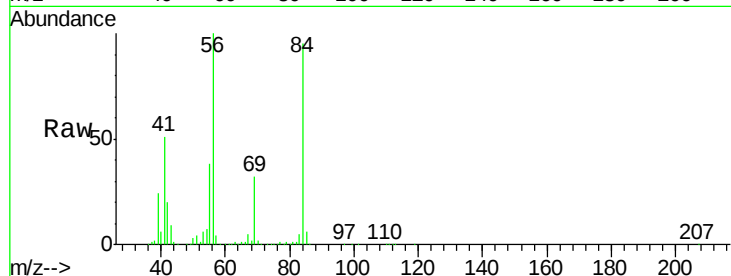
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	218113
Ion Ratio	Lower	Upper	
56	100		
69	31.9	25.5	38.3
84	93.1	71.1	106.7

Manual Integrations
APPROVED

MMDadoda
11/24/2020 3:00:12 PM



#32

1,1,1-Trichloroethane

Concen: 51.698 ug/l

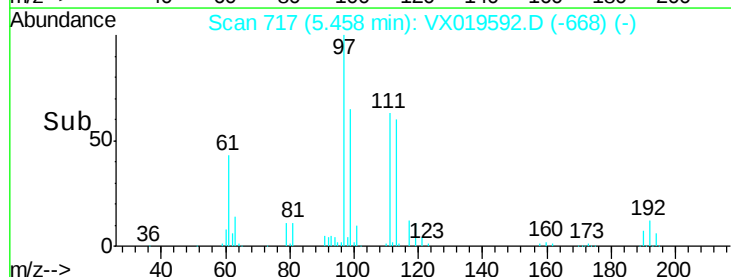
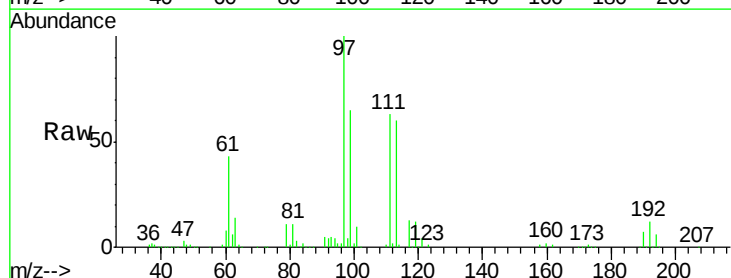
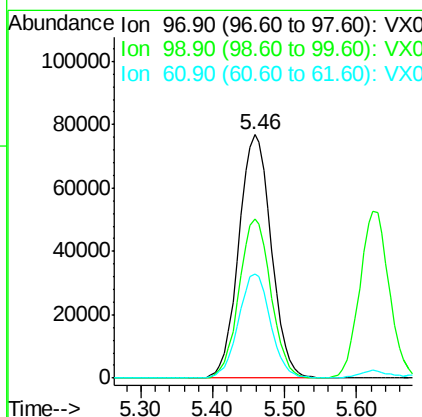
RT: 5.46 min Scan# 717

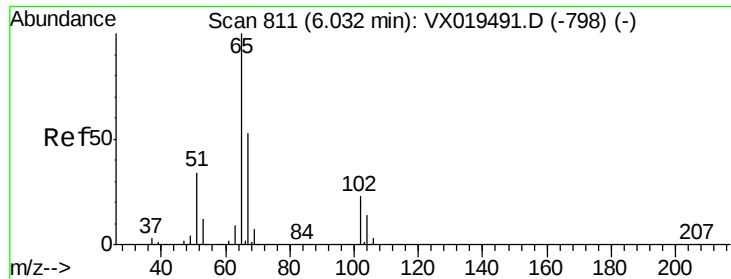
Delta R.T. -0.00 min

Lab File: VX019592.D

Acq: 24 Nov 2020 08:11

Tgt Ion:	97	Resp:	240485
Ion Ratio	Lower	Upper	
97	100		
99	64.2	51.4	77.0
61	42.1	34.2	51.2





#33

1,2-Dichloroethane-d4

Concen: 49.762 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019592.D

Acq: 24 Nov 2020 08:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 169793

Ion Ratio Lower Upper

65 100

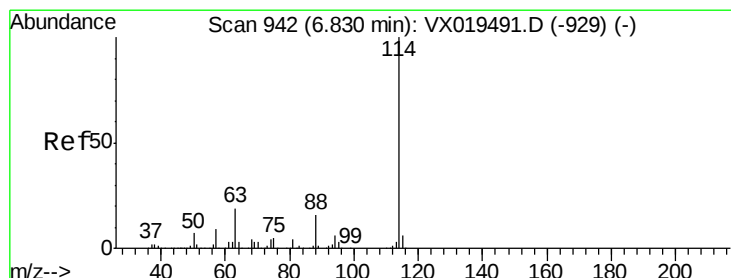
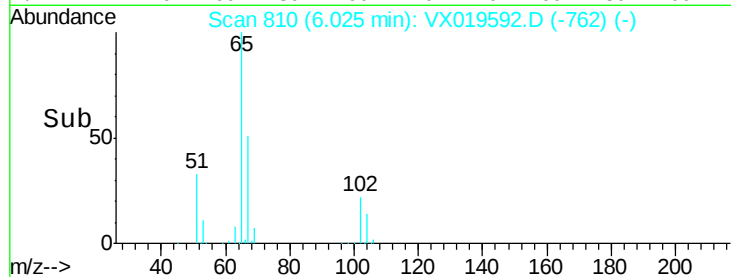
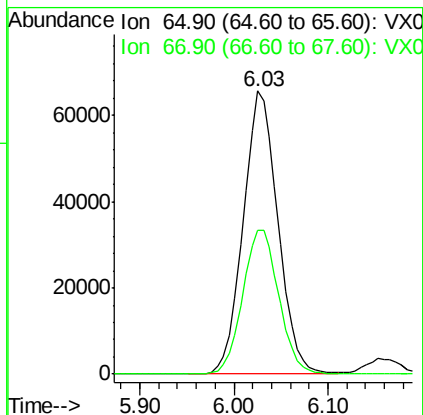
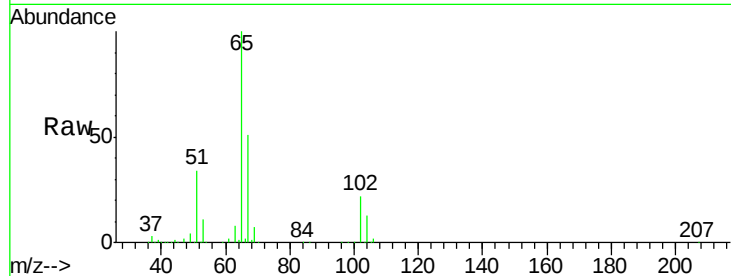
67 52.9 0.0 105.0

Manual Integrations

APPROVED

MMDadoda

11/24/2020 3:00:12 PM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019592.D

Acq: 24 Nov 2020 08:11

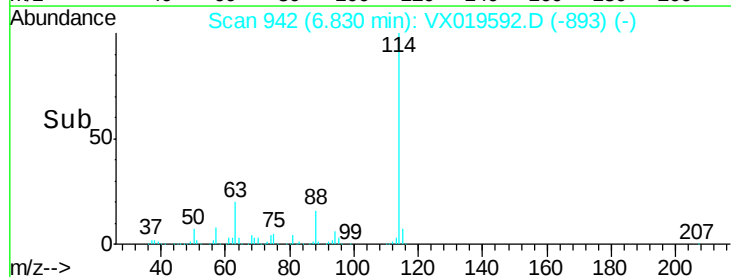
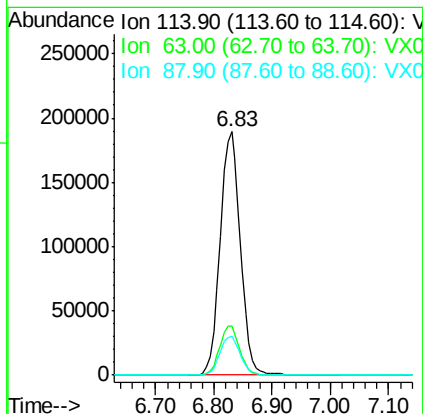
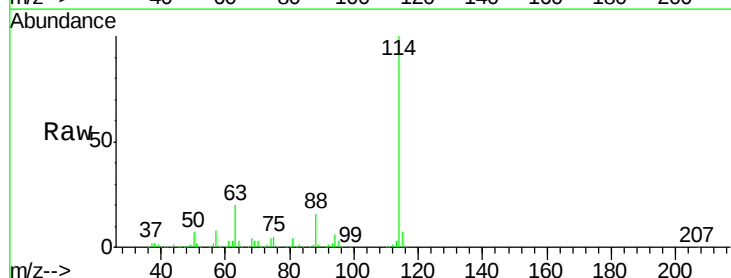
Tgt Ion: 114 Resp: 454282

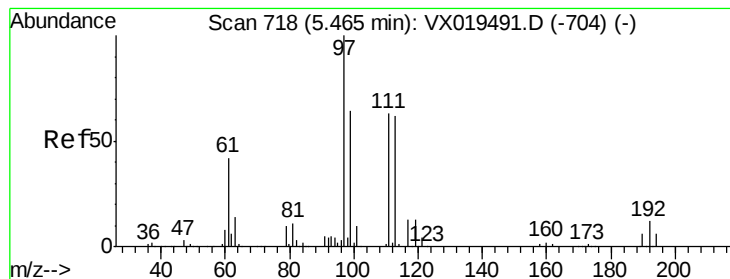
Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.8

88 16.0 0.0 31.6





#35

Dibromofluoromethane

Concen: 48.569 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019592.D

Acq: 24 Nov 2020 08:11

Instrument :

MSVOA_X

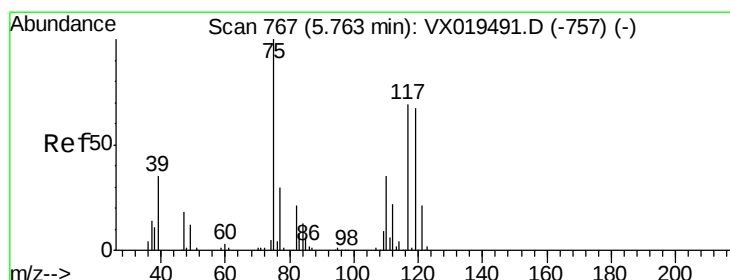
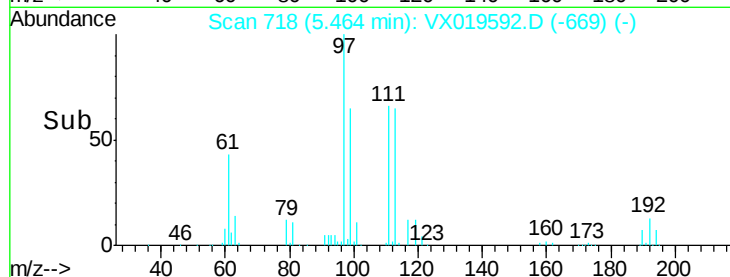
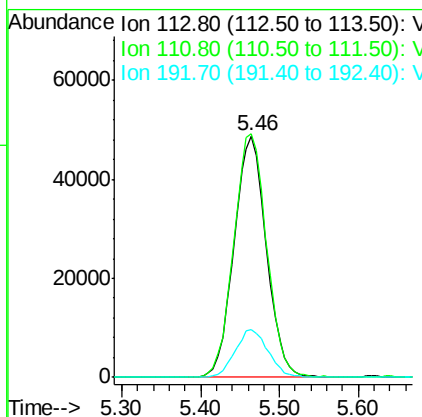
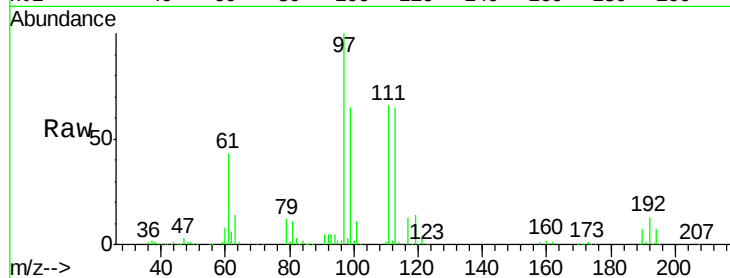
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	138495
Ion Ratio	Lower	Upper	
113	100		
111	103.0	81.5	122.3
192	20.3	16.2	24.2

Manual Integrations
APPROVED

MMDadoda
11/24/2020 3:00:12 PM



#36

1,1-Dichloropropene

Concen: 47.042 ug/l

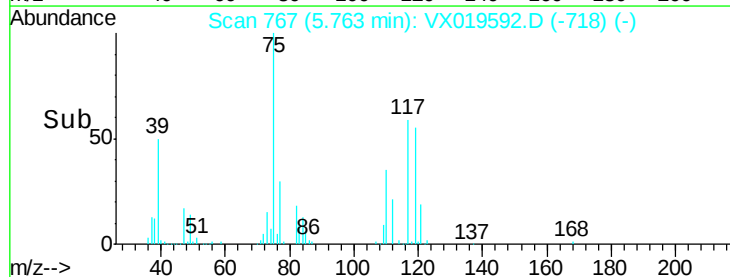
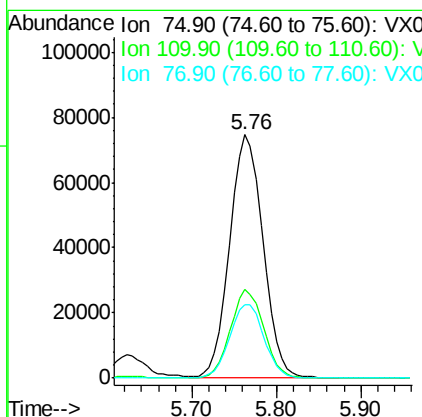
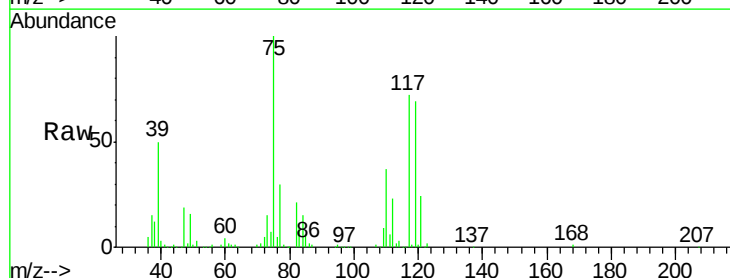
RT: 5.76 min Scan# 767

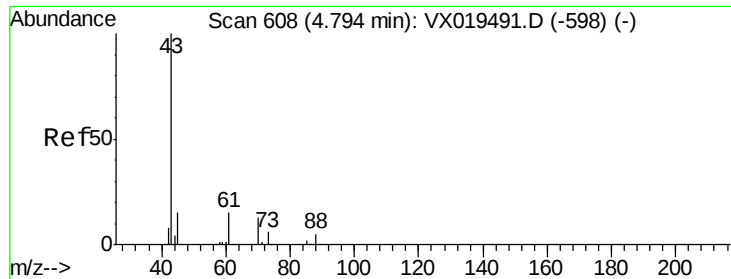
Delta R.T. -0.00 min

Lab File: VX019592.D

Acq: 24 Nov 2020 08:11

Tgt Ion:	75	Resp:	200349
Ion Ratio	Lower	Upper	
75	100		
110	36.2	18.1	54.3
77	31.2	24.2	36.4





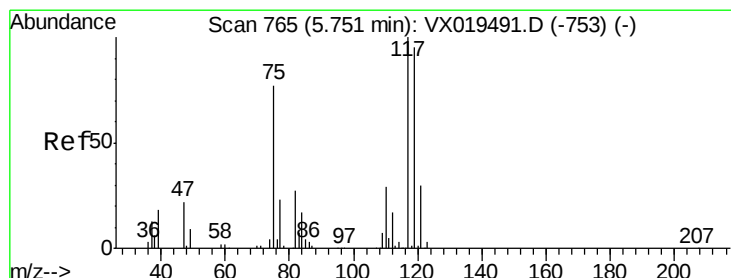
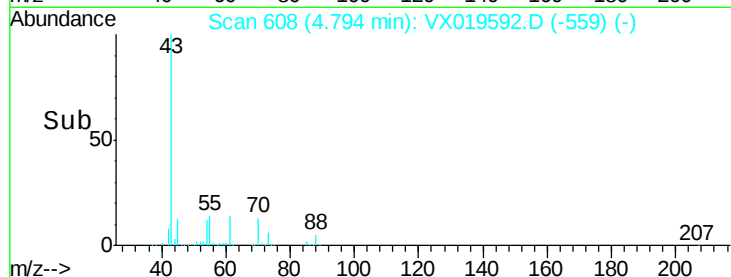
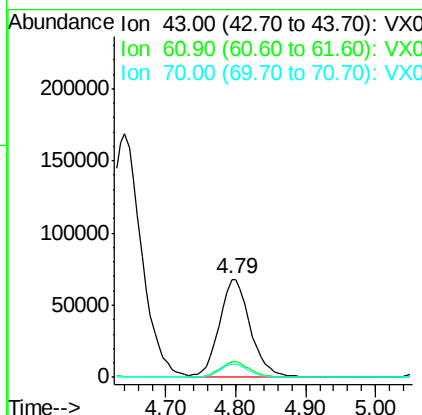
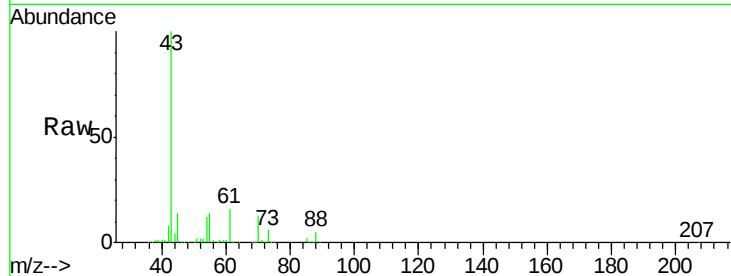
#37
Ethyl Acetate
Concen: 51.885 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX019592.D
Acq: 24 Nov 2020 08:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	12.7	19.1
70	12.9	10.2	15.2

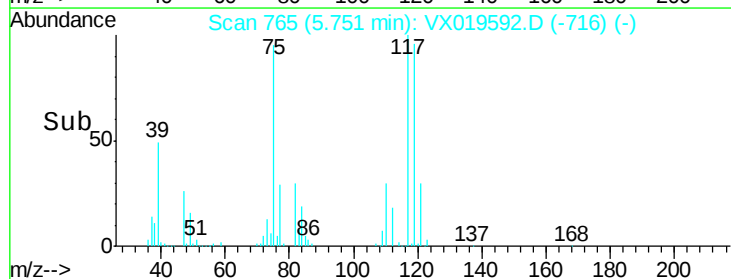
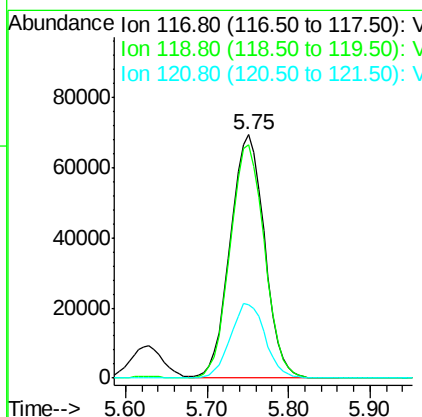
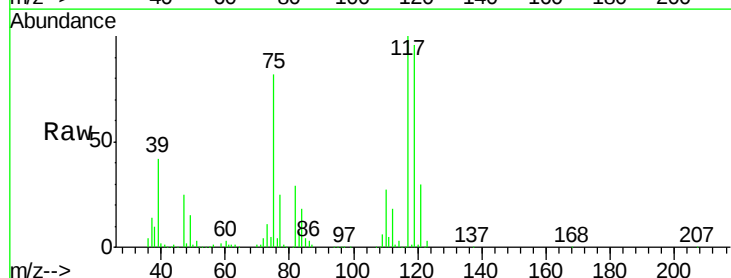
Manual Integrations
APPROVED

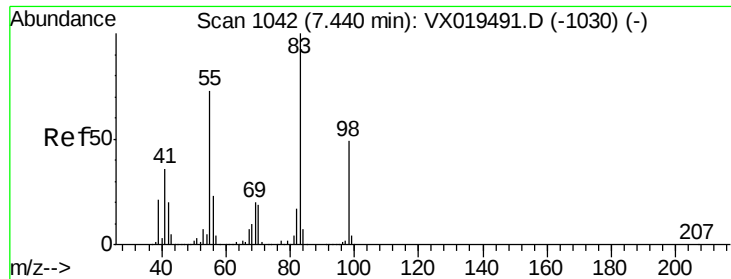
MMDadoda
11/24/2020 3:00:12 PM



#38
Carbon Tetrachloride
Concen: 49.075 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019592.D
Acq: 24 Nov 2020 08:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	75.9	113.9
121	30.1	24.0	36.0





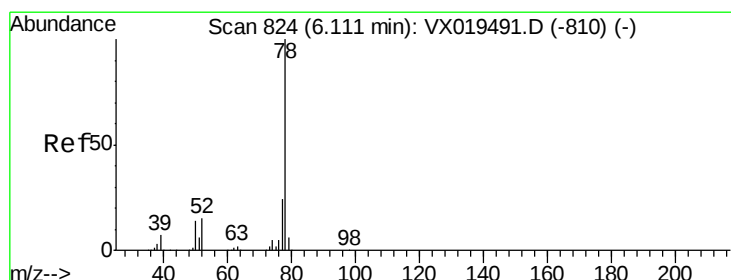
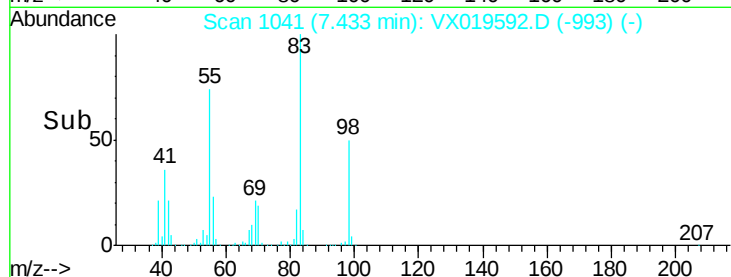
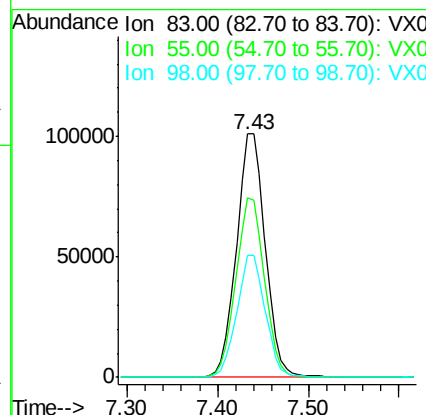
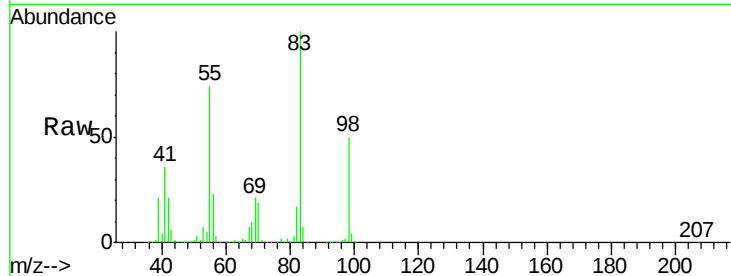
#39
Methvlcvclohexane
Concen: 44.896 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX019592.D
Acq: 24 Nov 2020 08:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	222635		
55	73.8		58.3	87.5
98	50.3		38.9	58.3

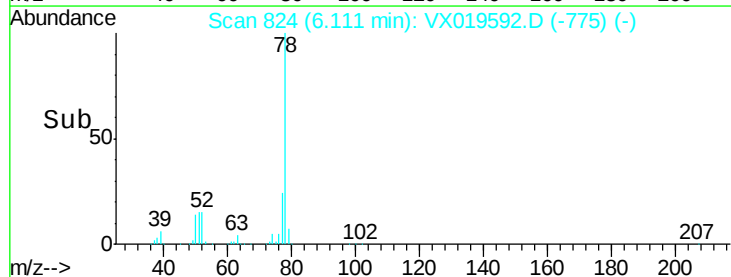
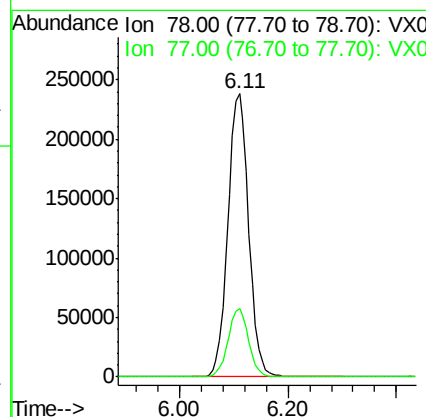
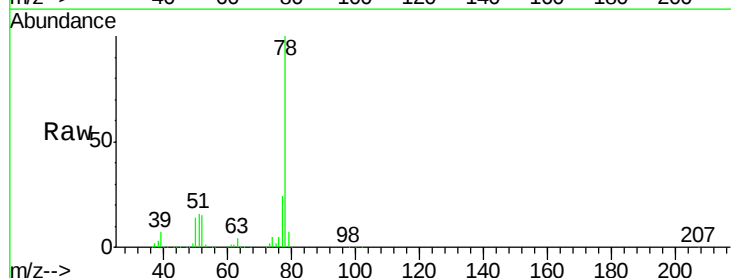
Manual Integrations
APPROVED

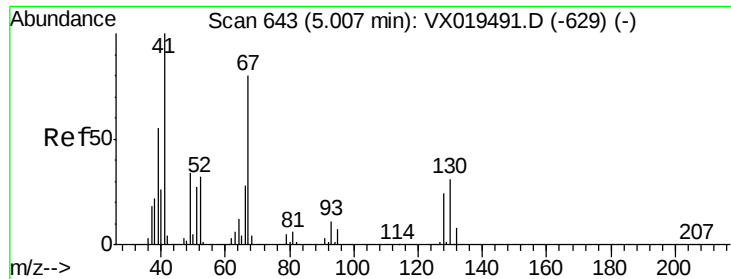
MMDadoda
11/24/2020 3:00:12 PM



#40
Benzene
Concen: 48.216 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019592.D
Acq: 24 Nov 2020 08:11

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	630934		
77	24.3		18.9	28.3





#41

Methacrylonitrile

Concen: 50.607 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX019592.D

Acq: 24 Nov 2020 08:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 111578

Ion Ratio Lower Upper

41 100

39 53.6 43.3 64.9

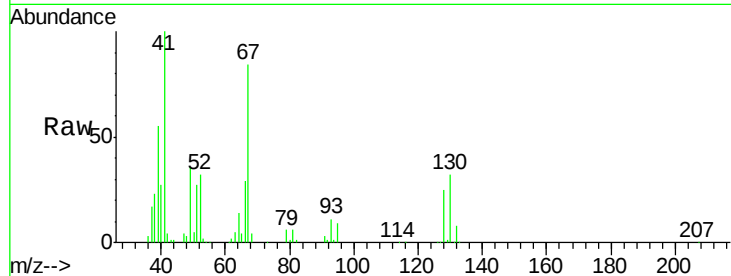
67 84.8 66.0 99.0

52 32.6 25.4 38.2

Manual Integrations
APPROVED

MMDadoda

11/24/2020 3:00:12 PM

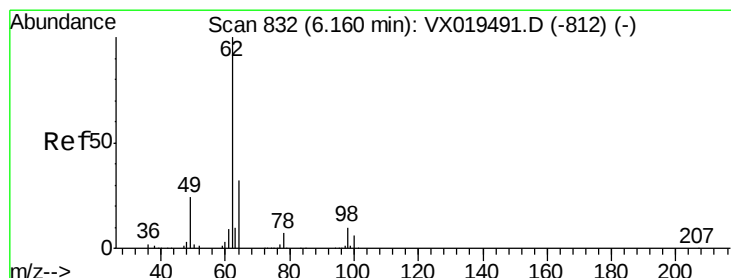
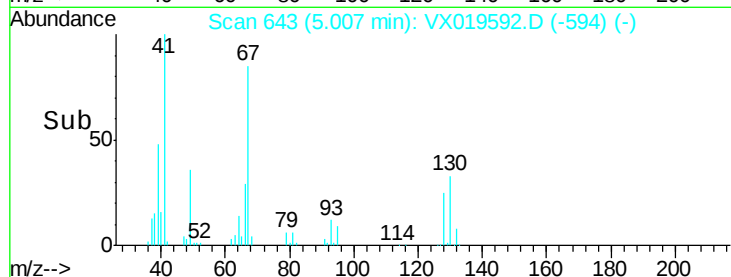
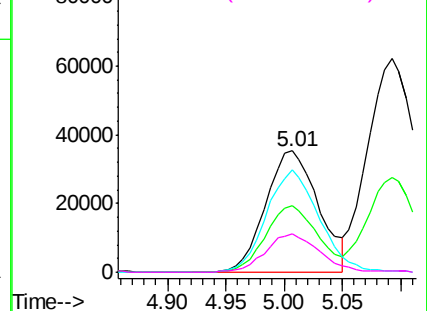


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.553 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX019592.D

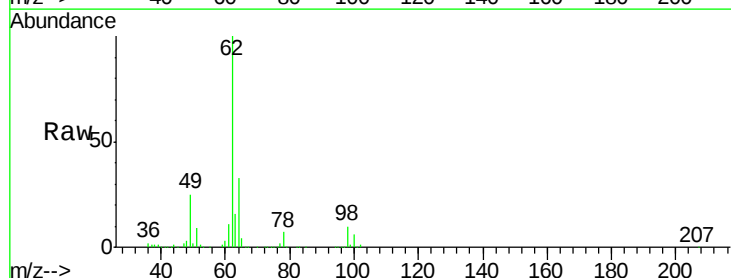
Acq: 24 Nov 2020 08:11

Tgt Ion: 62 Resp: 222251

Ion Ratio Lower Upper

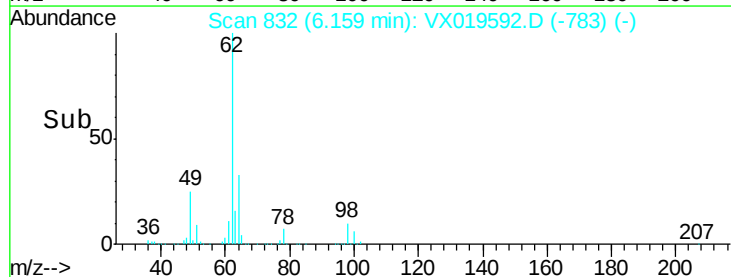
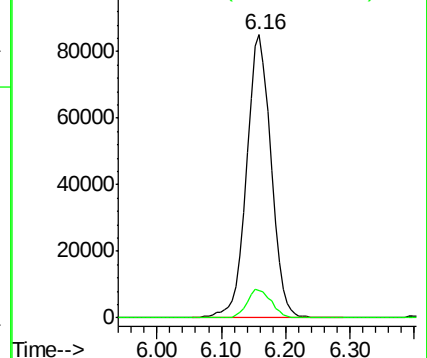
62 100

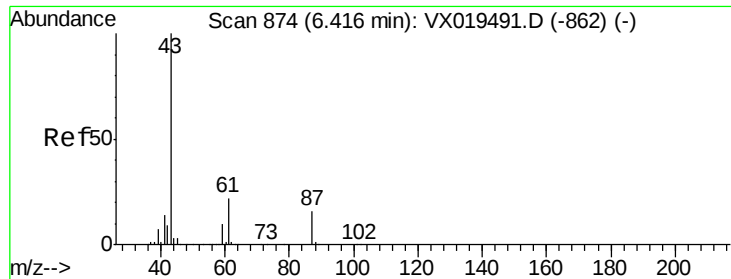
98 10.0 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





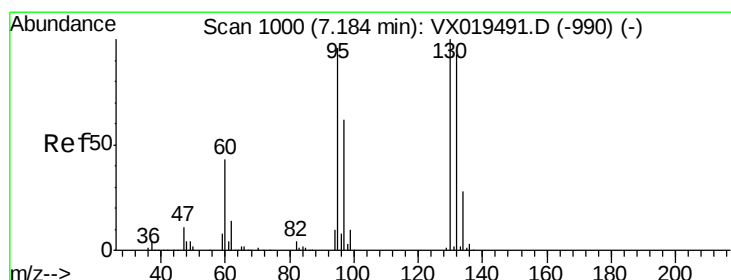
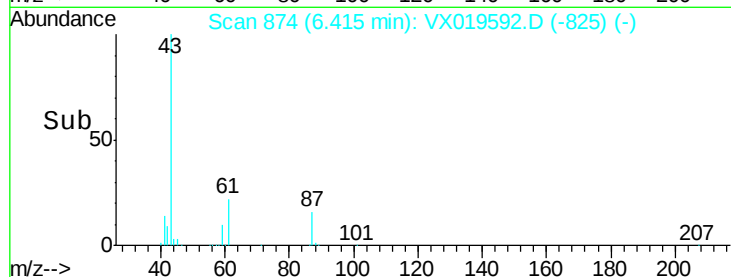
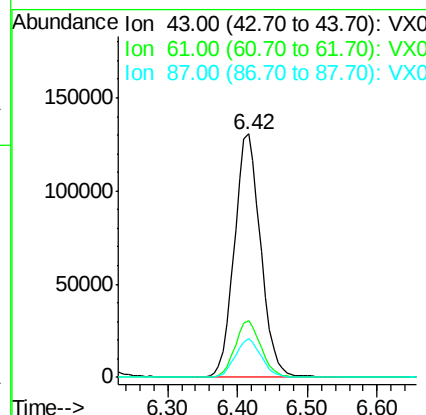
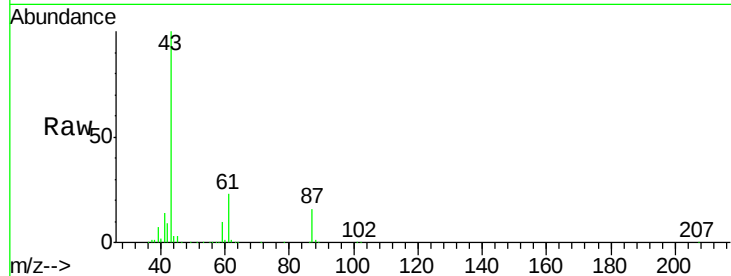
#43
Isopropyl Acetate
Concen: 50.432 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX019592.D
Acq: 24 Nov 2020 08:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	23.2	18.2	27.2
87	15.8	12.6	18.8

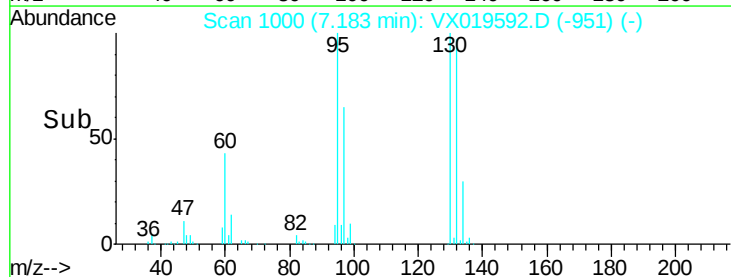
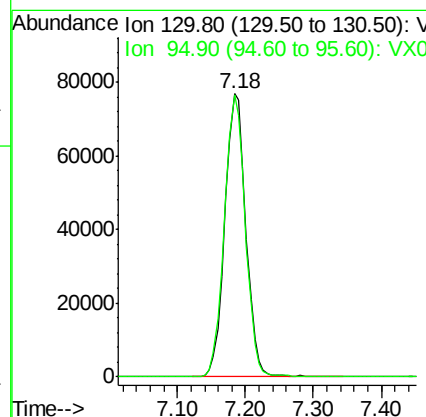
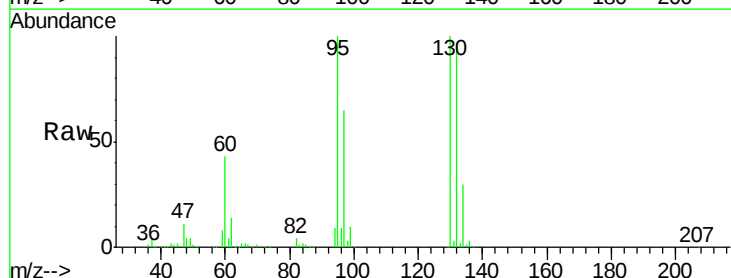
Manual Integrations
APPROVED

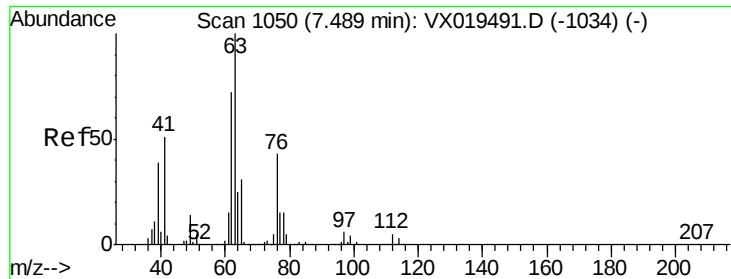
MMDadoda
11/24/2020 3:00:12 PM



#44
Trichloroethene
Concen: 48.198 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VX019592.D
Acq: 24 Nov 2020 08:11

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.7	0.0	191.2





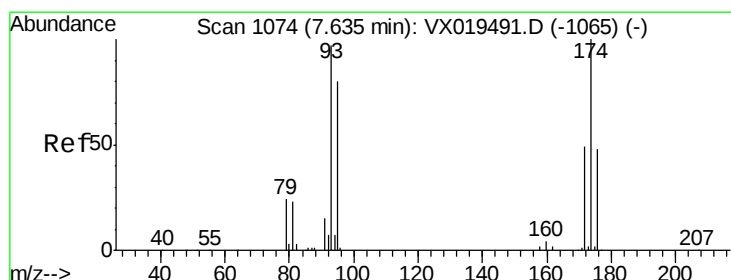
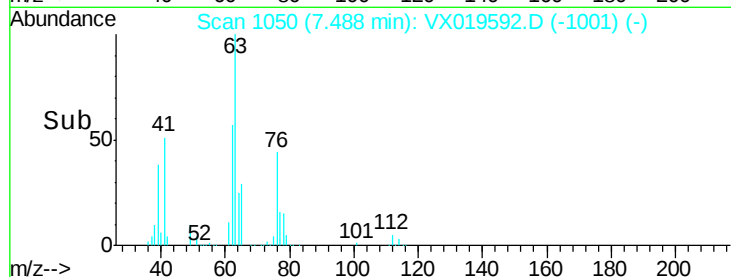
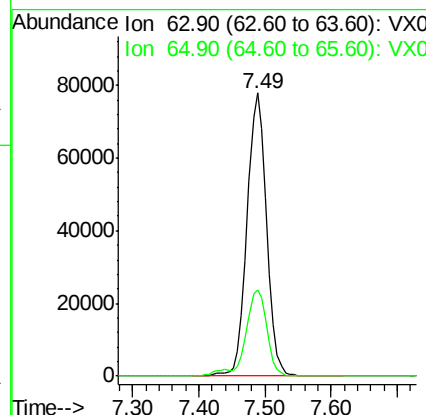
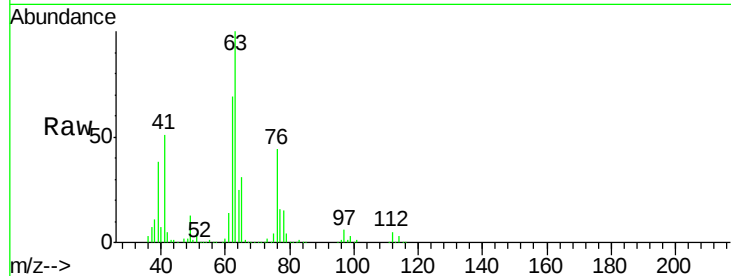
#45
 1,2-Dichloropropane
 Concen: 49.613 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX019592.D
 Acq: 24 Nov 2020 08:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 159822
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.0 37.4

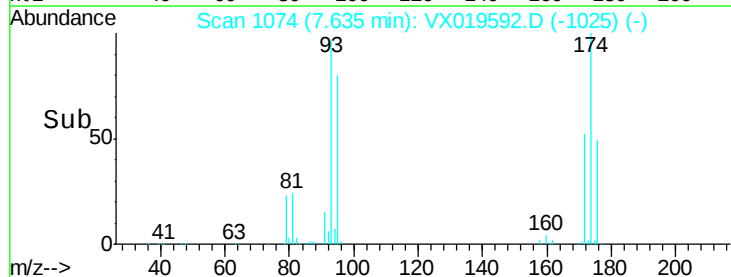
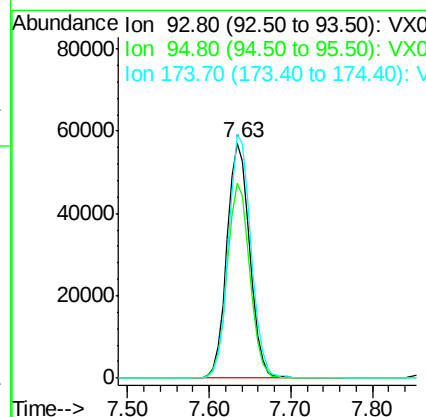
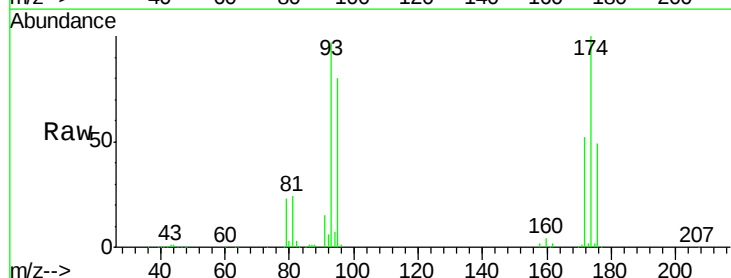
Manual Integrations
 APPROVED

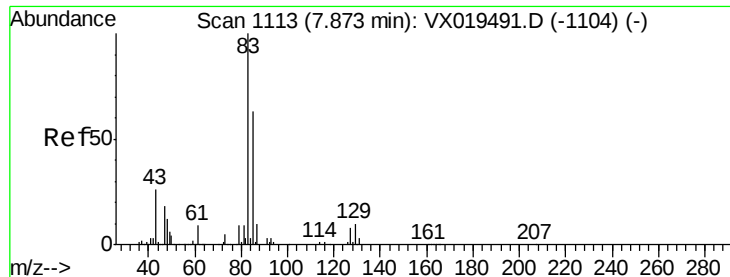
MMDadoda
 11/24/2020 3:00:12 PM



#46
 Dibromomethane
 Concen: 49.935 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VX019592.D
 Acq: 24 Nov 2020 08:11

Tgt Ion: 93 Resp: 110098
 Ion Ratio Lower Upper
 93 100
 95 82.2 66.8 100.2
 174 102.2 83.0 124.4





#47

Bromodichloromethane

Concen: 51.164 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019592.D

Acq: 24 Nov 2020 08:11

Instrument :

MSVOA_X

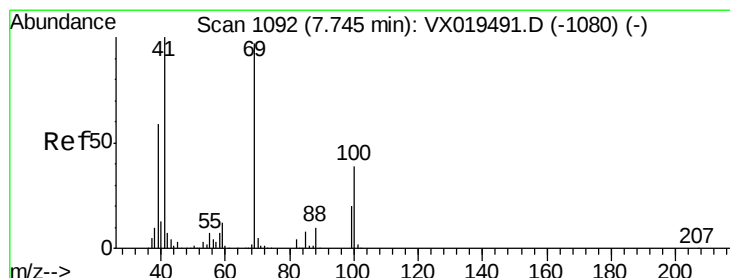
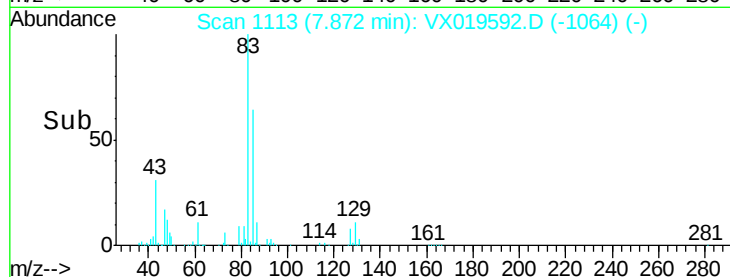
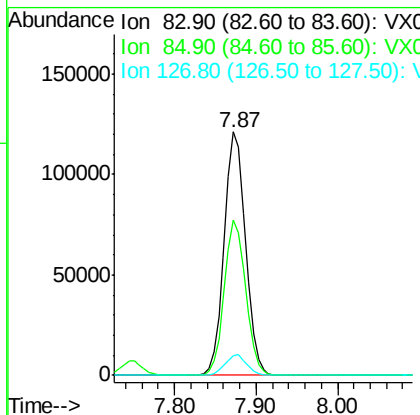
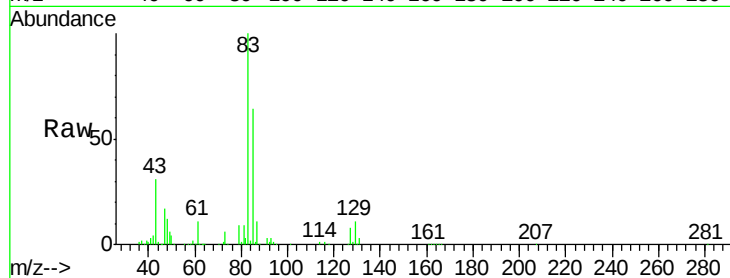
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	218897
Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.2	75.2
127	8.1	6.4	9.6

Manual Integrations
APPROVED

MMDadoda
11/24/2020 3:00:12 PM



#48

Methyl methacrylate

Concen: 52.716 ug/l

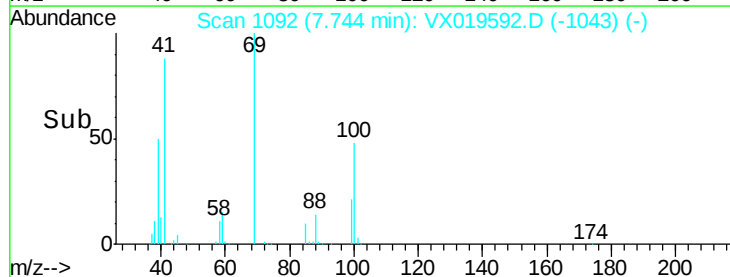
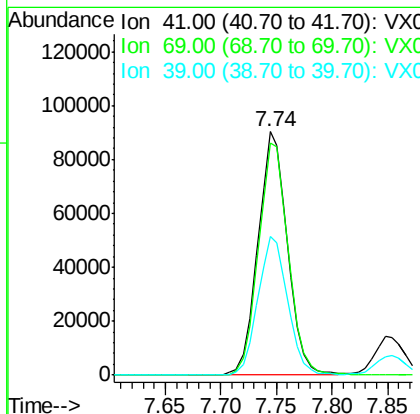
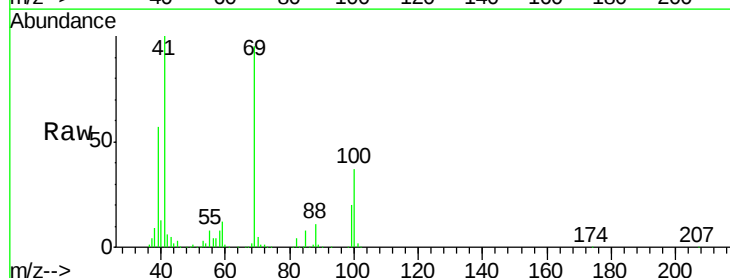
RT: 7.74 min Scan# 1092

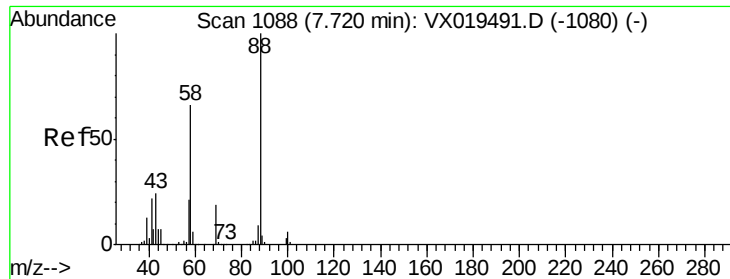
Delta R.T. -0.00 min

Lab File: VX019592.D

Acq: 24 Nov 2020 08:11

Tgt Ion:	41	Resp:	165930
Ion	Ratio	Lower	Upper
41	100		
69	97.3	77.0	115.6
39	57.7	45.6	68.4





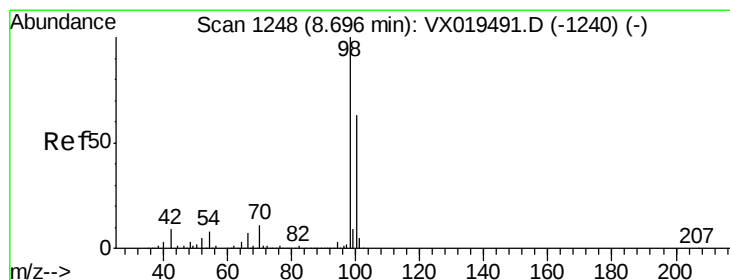
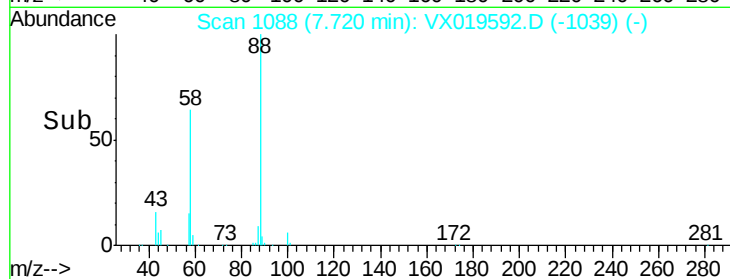
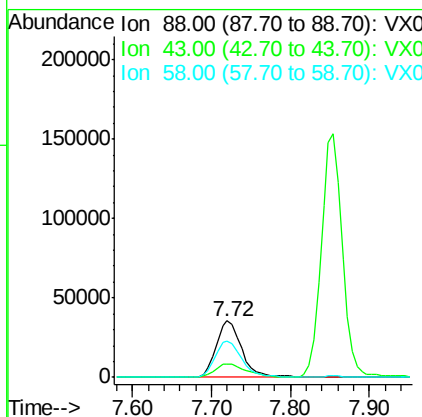
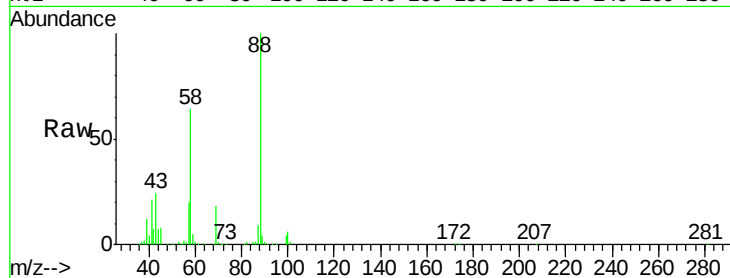
#49
1,4-Dioxane
Concen: 1128.210 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX019592.D
Acq: 24 Nov 2020 08:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.6	23.8	35.6
58	67.7	54.2	81.2

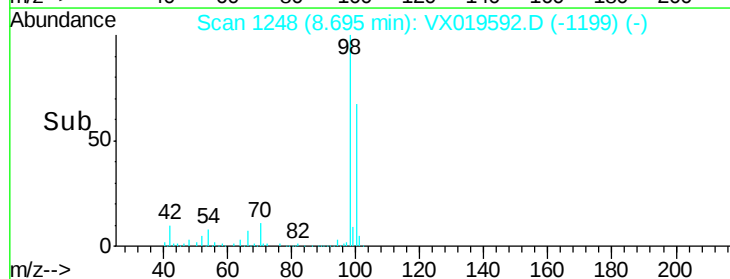
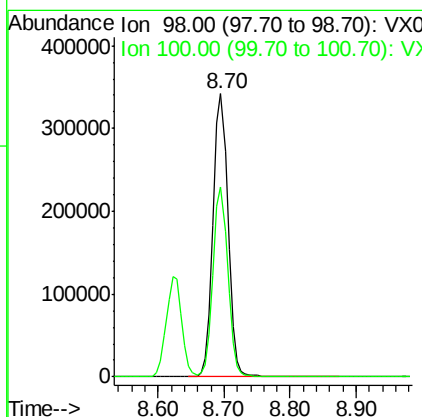
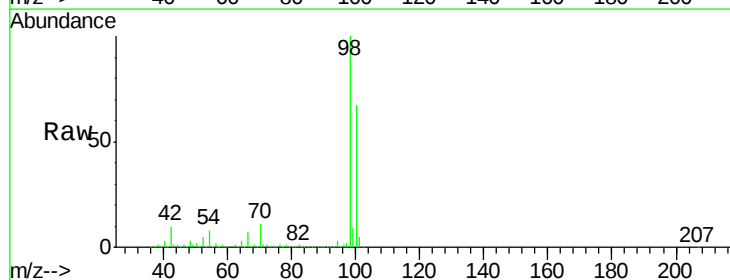
Manual Integrations
APPROVED

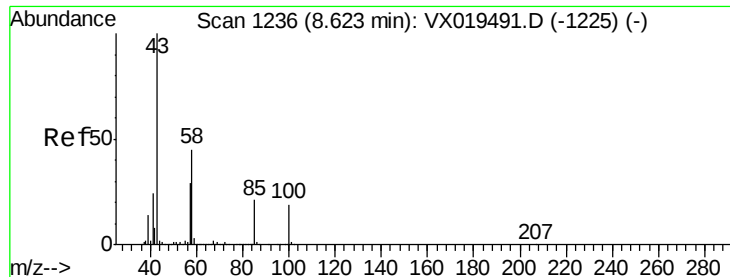
MMDadoda
11/24/2020 3:00:12 PM



#50
Toluene-d8
Concen: 48.288 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019592.D
Acq: 24 Nov 2020 08:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 265.189 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX019592.D

Acq: 24 Nov 2020 08:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1039340

Ion Ratio Lower Upper

43 100

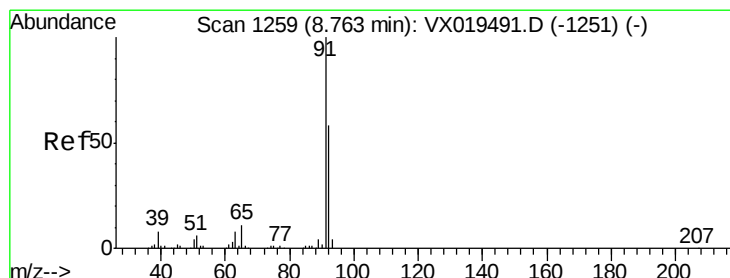
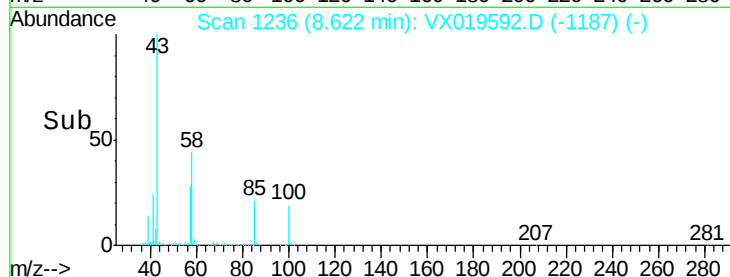
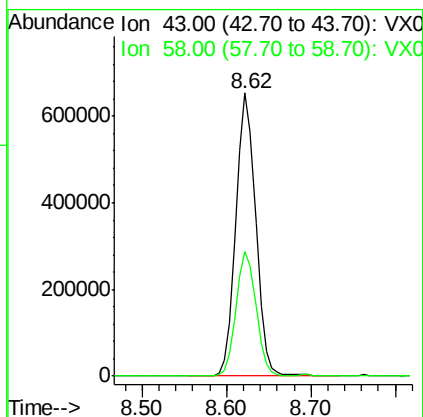
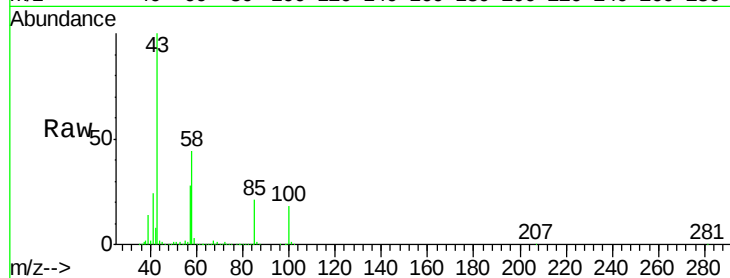
58 44.0 35.1 52.7

Manual Integrations

APPROVED

MMDadoda

11/24/2020 3:00:12 PM



#52

Toluene

Concen: 50.526 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019592.D

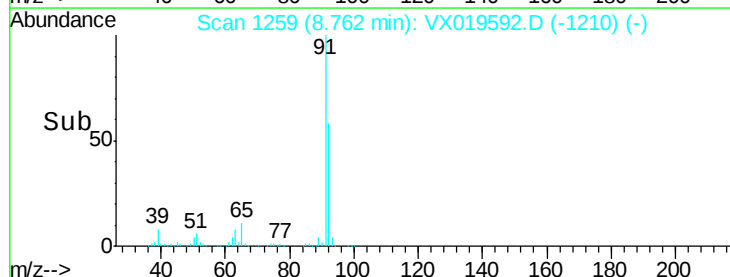
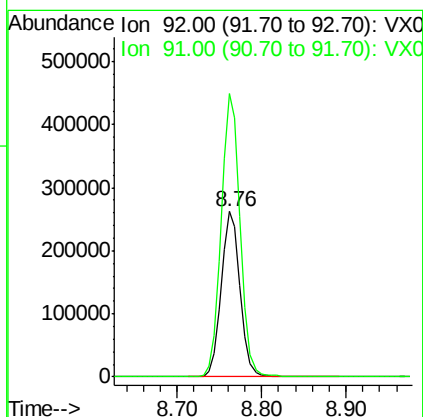
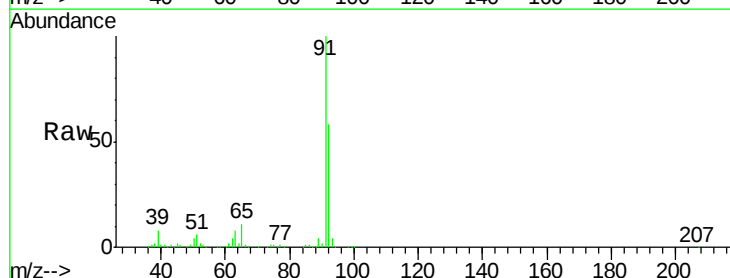
Acq: 24 Nov 2020 08:11

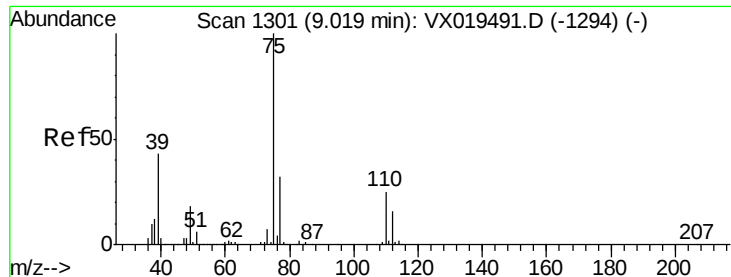
Tgt Ion: 92 Resp: 404467

Ion Ratio Lower Upper

92 100

91 172.6 138.1 207.1





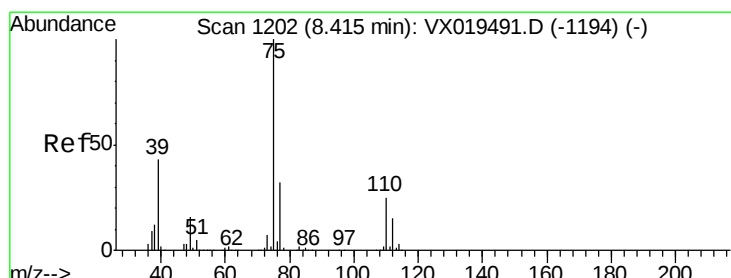
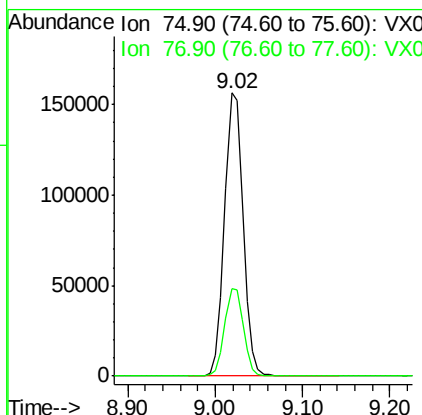
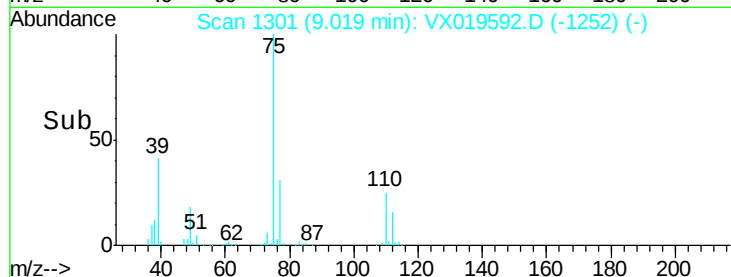
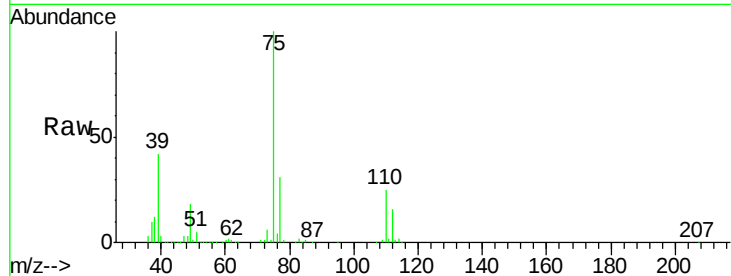
#53
t-1,3-Dichloropropene
Concen: 49.981 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VX019592.D
Acq: 24 Nov 2020 08:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 230941
Ion Ratio Lower Upper
75 100
77 31.0 25.3 37.9

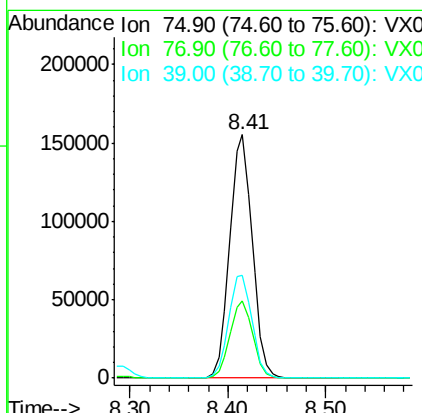
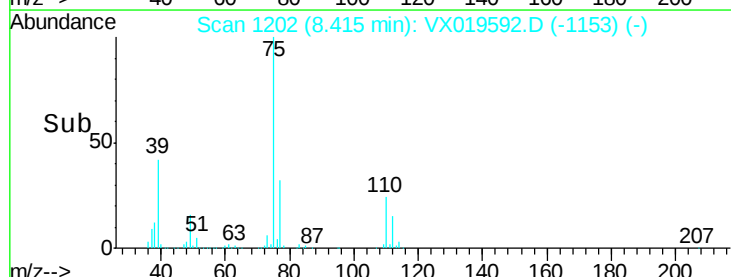
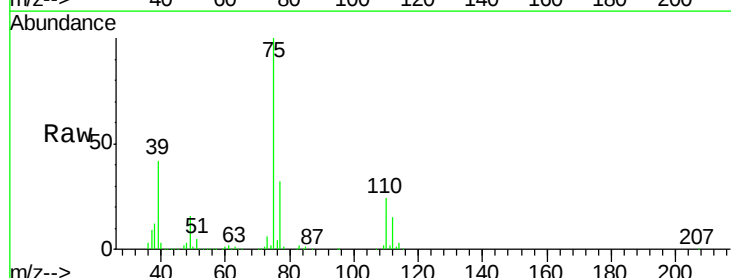
Manual Integrations
APPROVED

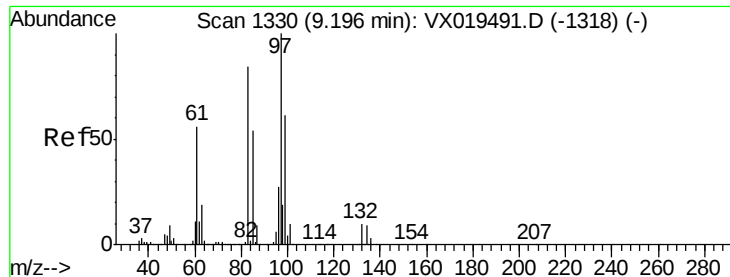
MMDadoda
11/24/2020 3:00:12 PM



#54
cis-1,3-Dichloropropene
Concen: 48.623 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX019592.D
Acq: 24 Nov 2020 08:11

Tgt Ion: 75 Resp: 249321
Ion Ratio Lower Upper
75 100
77 31.7 25.8 38.6
39 42.4 34.6 51.8





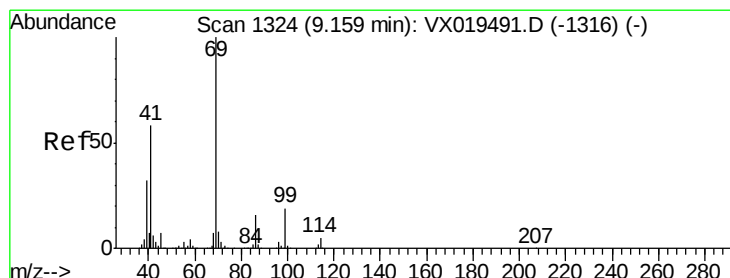
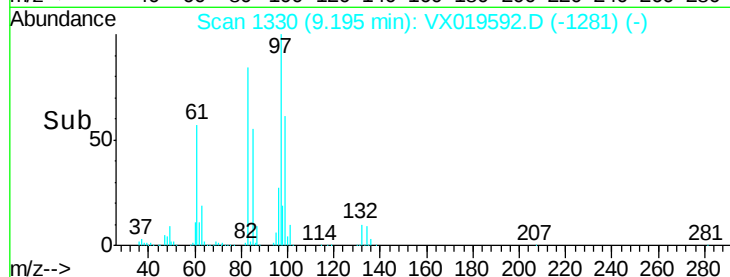
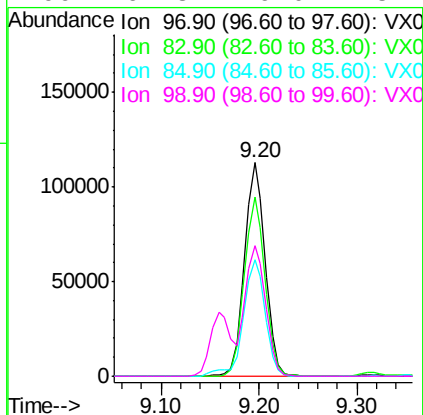
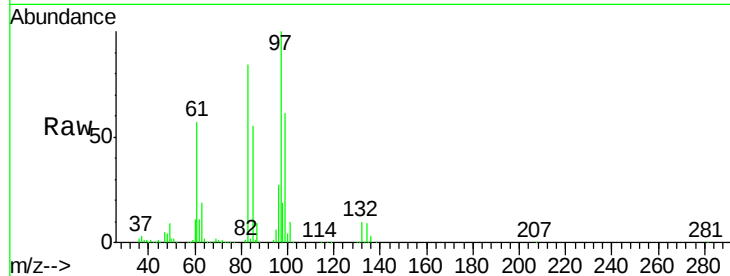
#55
 1,1,2-Trichloroethane
 Concen: 50.843 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019592.D
 Acq: 24 Nov 2020 08:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	165757
Ion	Ratio	Lower	Upper
97	100		
83	84.1	67.0	100.6
85	54.6	43.4	65.0
99	61.3	49.0	73.4

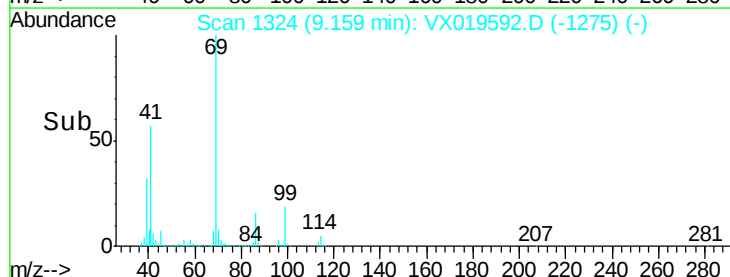
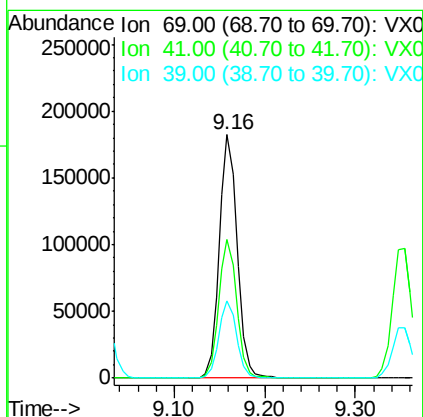
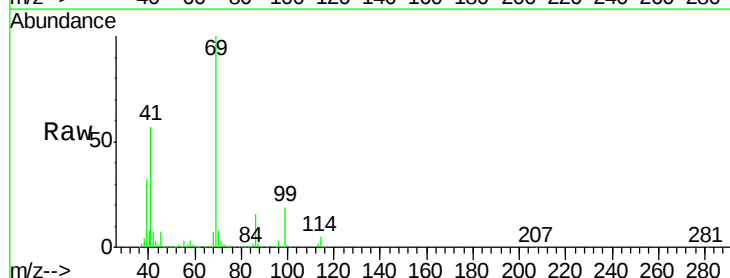
Manual Integrations
 APPROVED

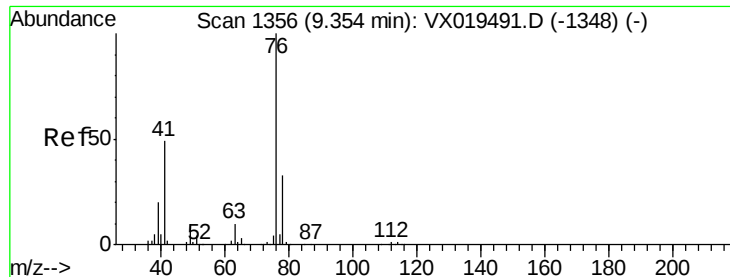
MMDadoda
 11/24/2020 3:00:12 PM



#56
 Ethyl methacrylate
 Concen: 54.604 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019592.D
 Acq: 24 Nov 2020 08:11

Tgt Ion:	69	Resp:	251896
Ion	Ratio	Lower	Upper
69	100		
41	57.1	46.2	69.2
39	31.7	25.5	38.3





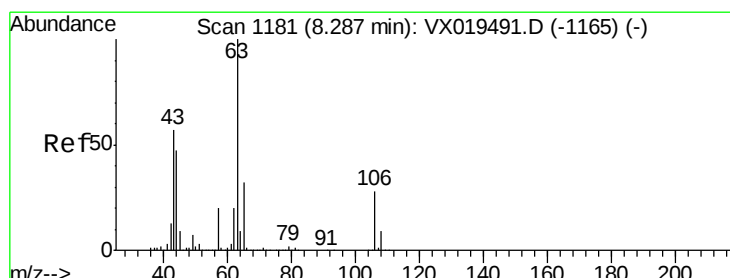
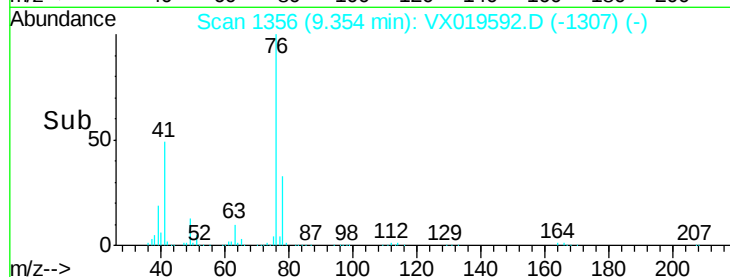
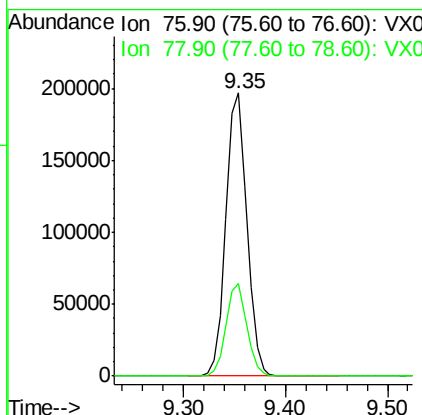
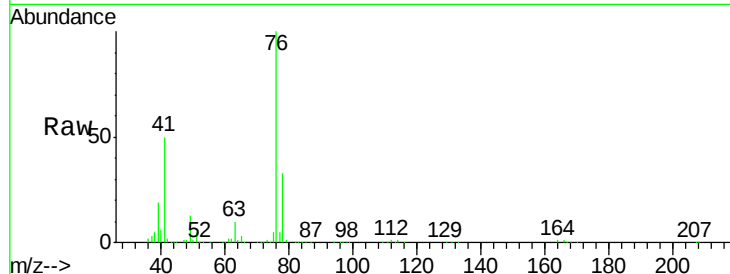
#57
 1,3-Dichloropropane
 Concen: 51.411 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX019592.D
 Acq: 24 Nov 2020 08:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.7	38.5

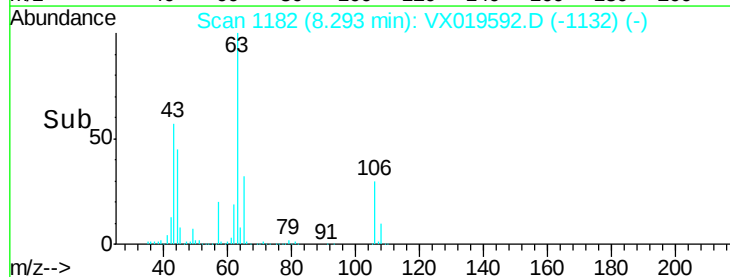
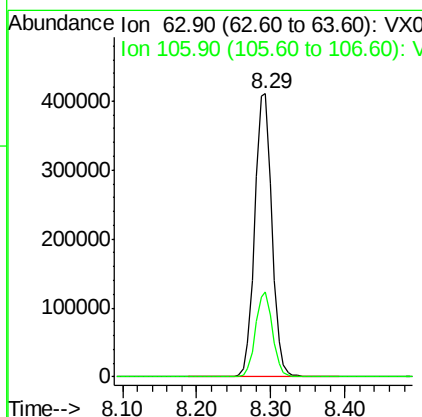
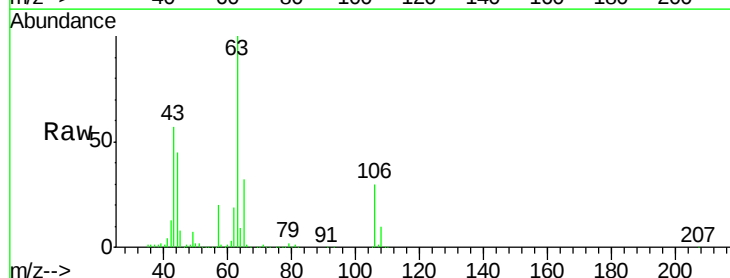
Manual Integrations
 APPROVED

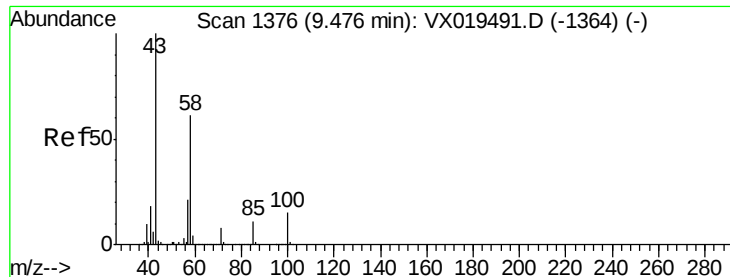
MMDadoda
 11/24/2020 3:00:12 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 246.001 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VX019592.D
 Acq: 24 Nov 2020 08:11

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.7	23.7	35.5





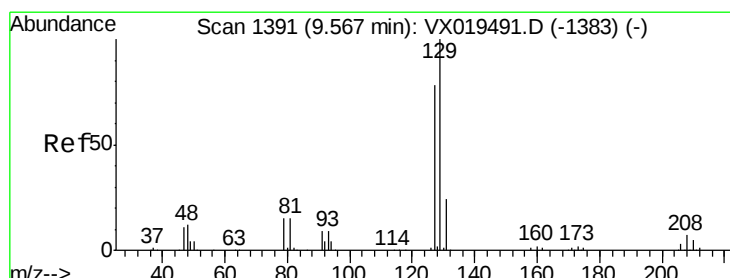
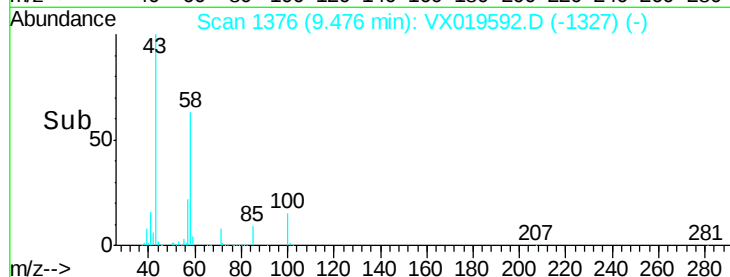
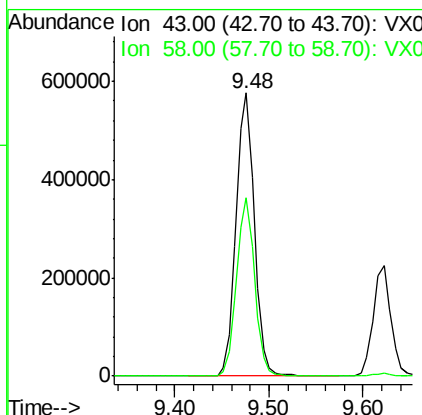
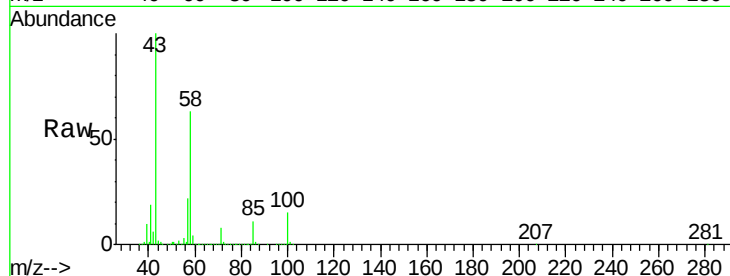
#59
2-Hexanone
Concen: 261.666 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX019592.D
Acq: 24 Nov 2020 08:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	62.3	30.6	91.6

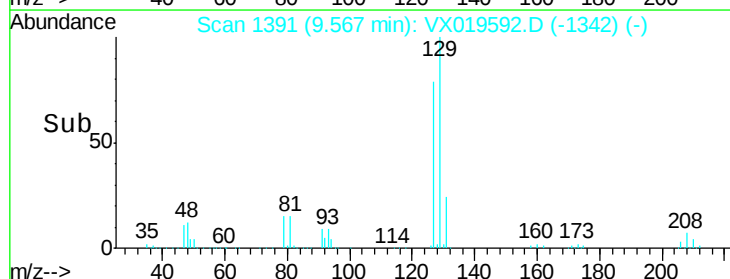
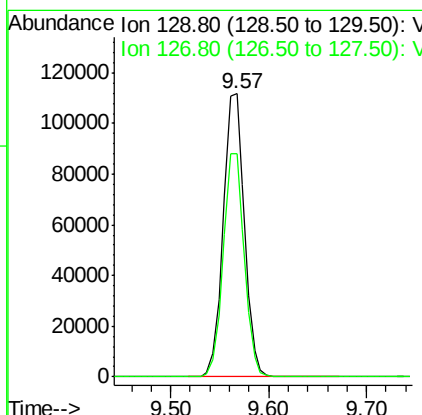
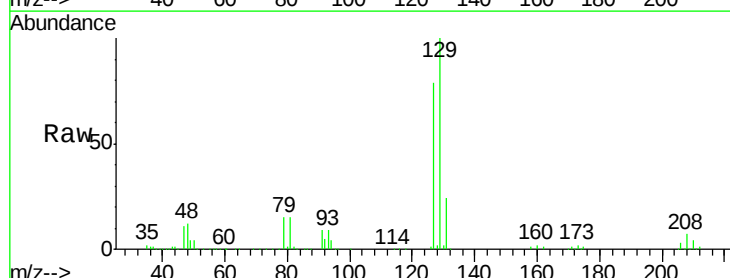
Manual Integrations
APPROVED

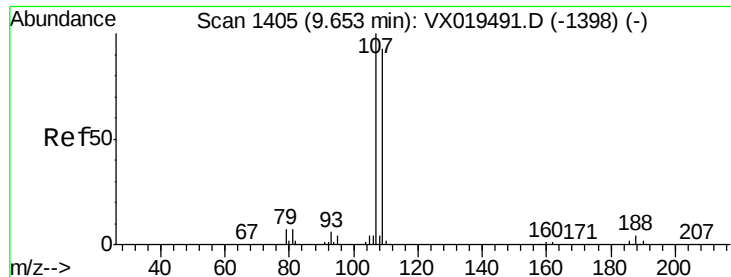
MMDadoda
11/24/2020 3:00:12 PM



#60
Dibromochloromethane
Concen: 52.551 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX019592.D
Acq: 24 Nov 2020 08:11

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.5	39.0	116.9





#61

1,2-Dibromoethane

Concen: 52.025 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019592.D

Acq: 24 Nov 2020 08:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 174830

Ion Ratio Lower Upper

107 100

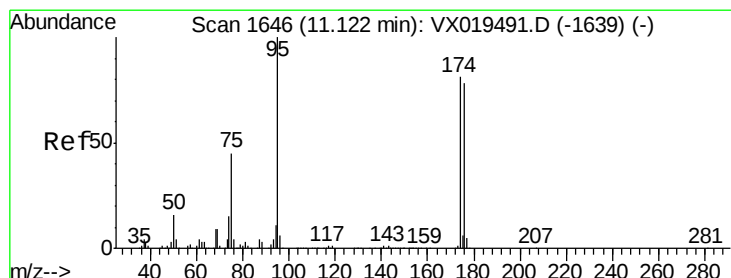
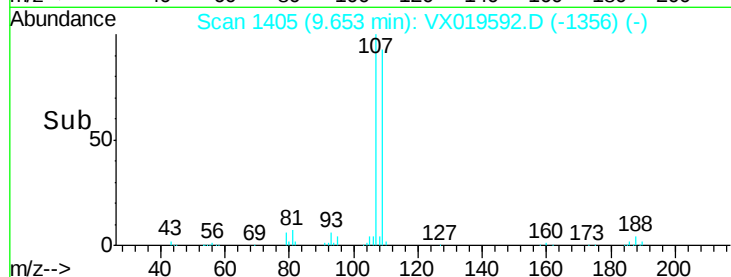
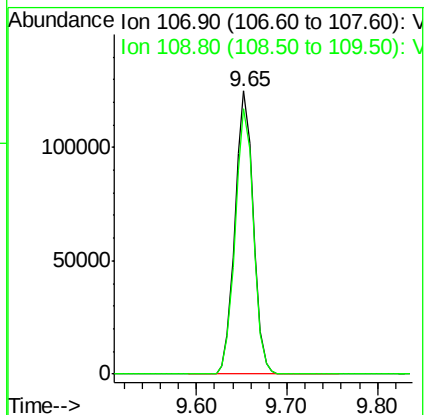
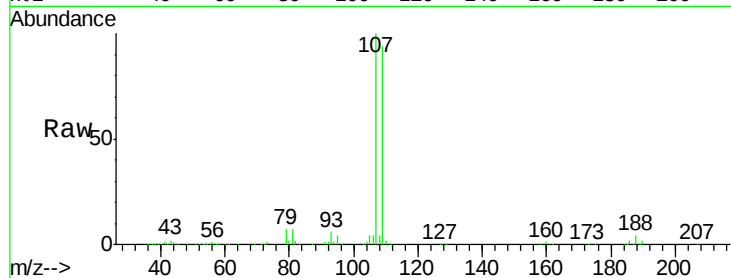
109 94.6 74.8 112.2

Manual Integrations

APPROVED

MMDadoda

11/24/2020 3:00:12 PM



#62

4-Bromofluorobenzene

Concen: 49.615 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019592.D

Acq: 24 Nov 2020 08:11

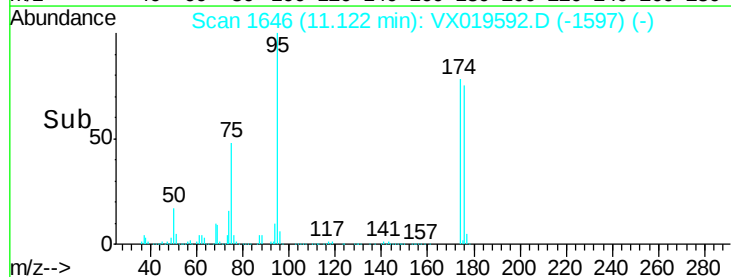
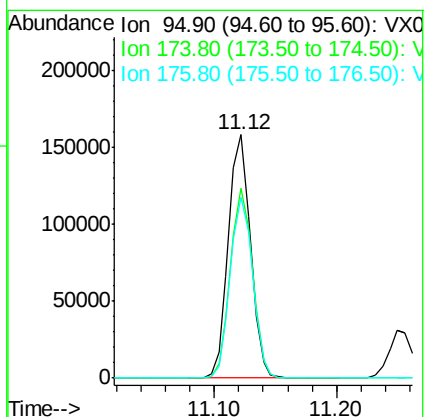
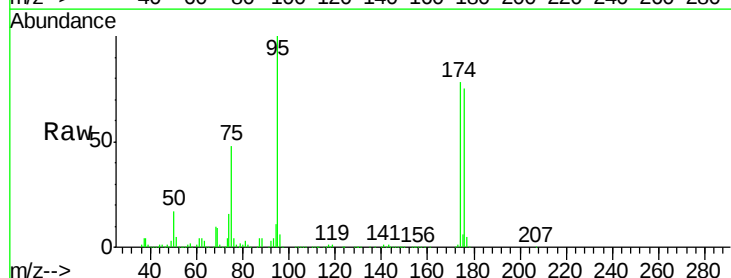
Tgt Ion: 95 Resp: 197800

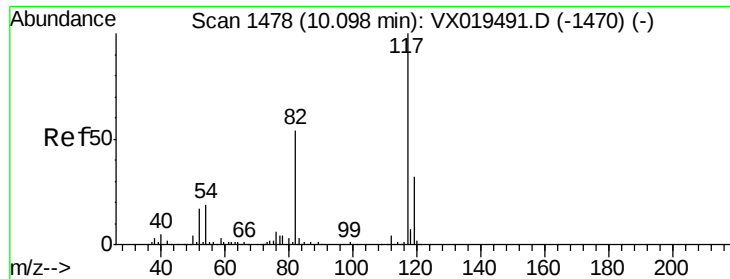
Ion Ratio Lower Upper

95 100

174 78.4 0.0 156.2

176 75.4 0.0 151.4





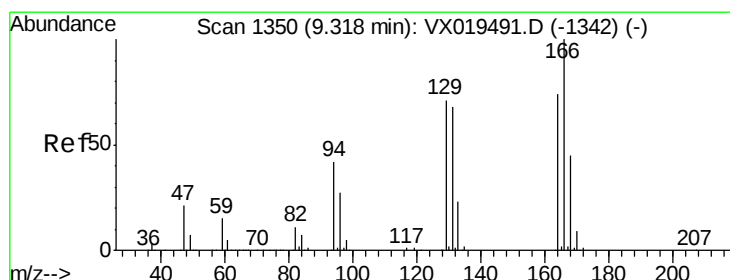
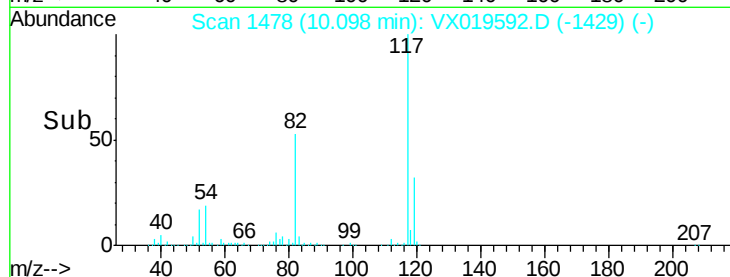
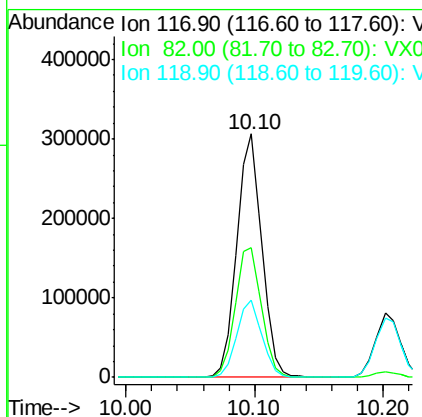
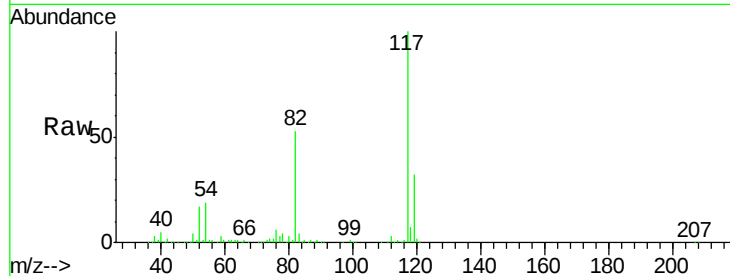
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019592.D
Acq: 24 Nov 2020 08:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	413675		
82	53.3		43.0	64.4
119	31.6		25.6	38.4

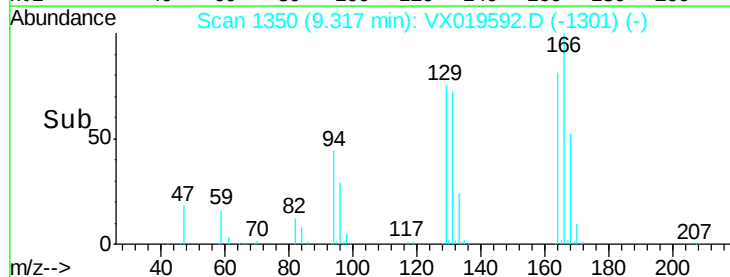
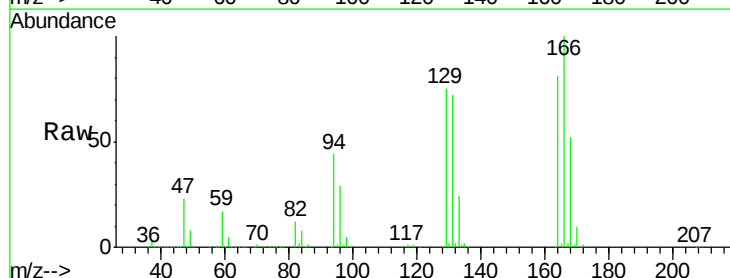
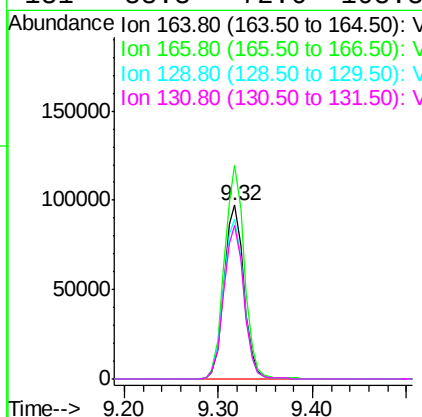
Manual Integrations
APPROVED

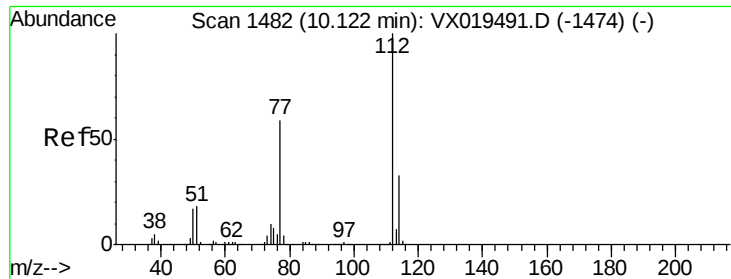
MMDadoda
11/24/2020 3:00:12 PM



#64
Tetrachloroethene
Concen: 43.590 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019592.D
Acq: 24 Nov 2020 08:11

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	141741		
166	122.8		107.4	161.0
129	91.7		76.6	114.8
131	88.3		72.6	108.8





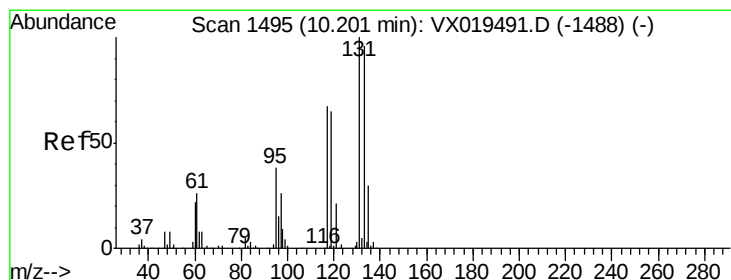
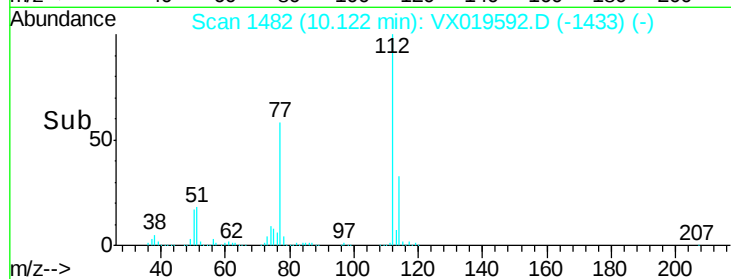
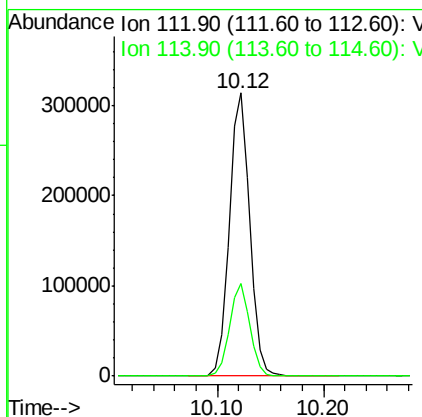
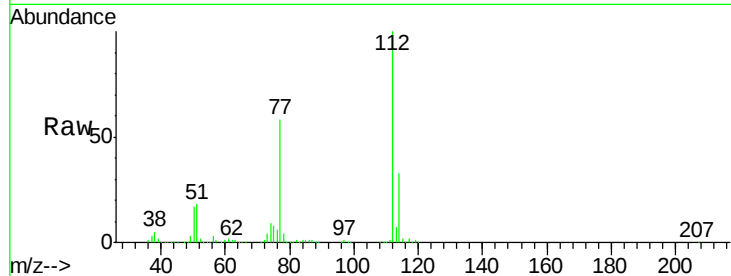
#65
Chlorobenzene
Concen: 49.609 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019592.D
Acq: 24 Nov 2020 08:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 421934
Ion Ratio Lower Upper
112 100
114 32.6 26.0 39.0

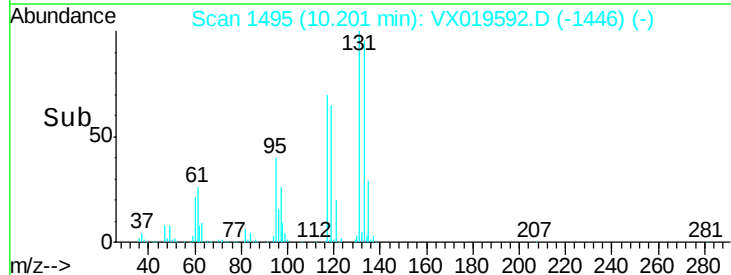
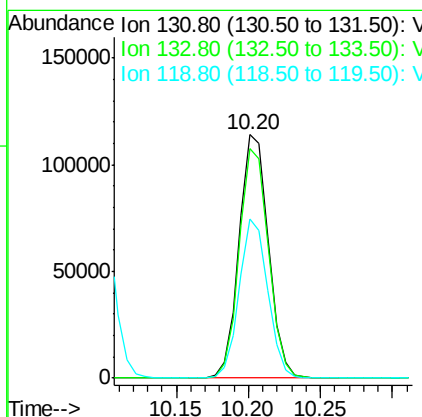
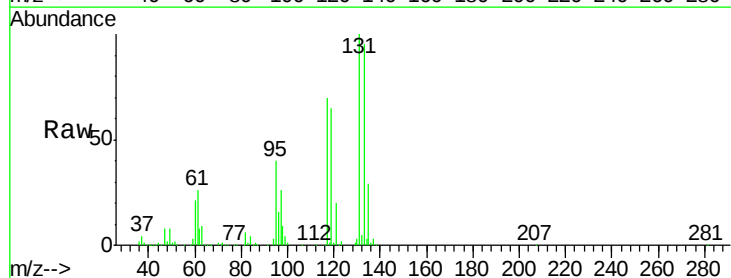
Manual Integrations
APPROVED

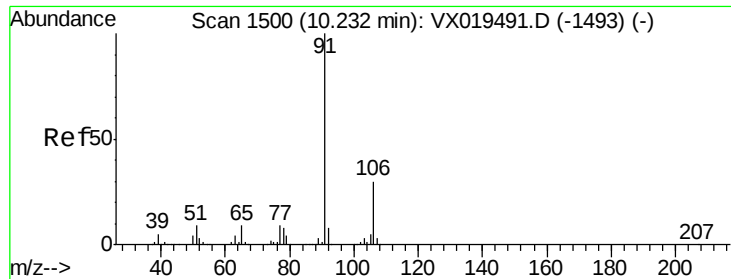
MMDadoda
11/24/2020 3:00:12 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 52.021 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019592.D
Acq: 24 Nov 2020 08:11

Tgt Ion:131 Resp: 160936
Ion Ratio Lower Upper
131 100
133 94.2 48.5 145.5
119 64.0 33.0 99.0





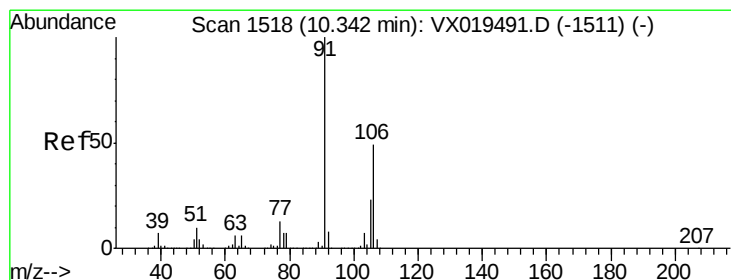
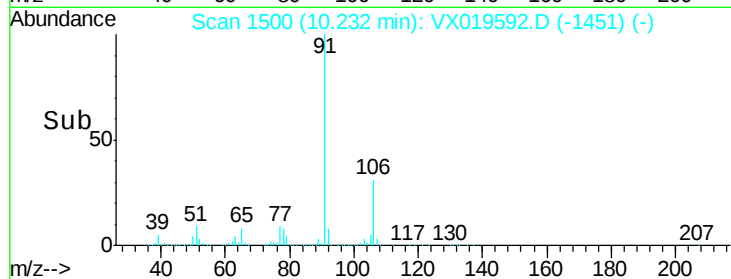
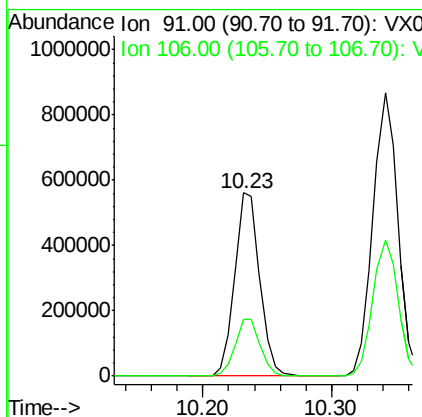
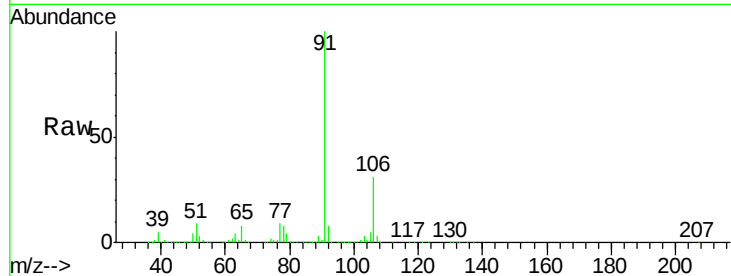
#67
Ethyl Benzene
Concen: 51.056 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019592.D
Acq: 24 Nov 2020 08:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 760733
Ion Ratio Lower Upper
91 100
106 30.8 24.0 36.0

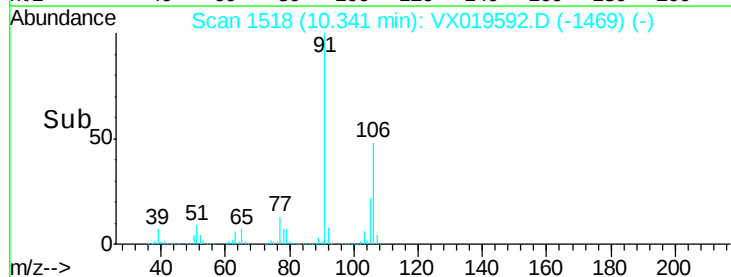
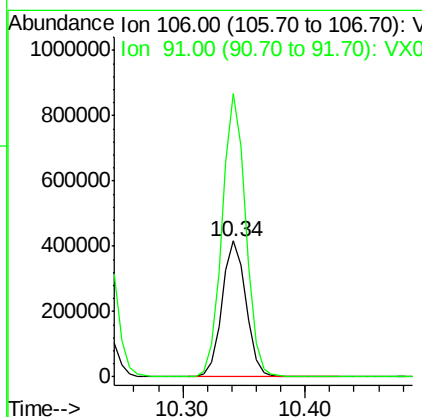
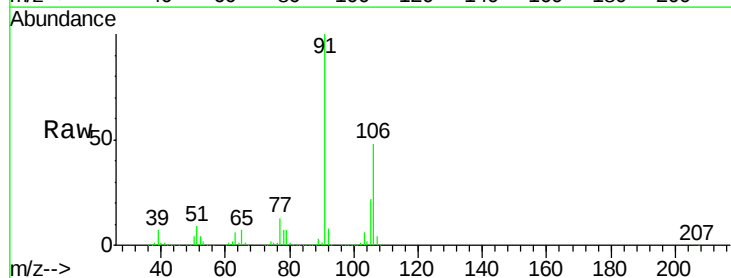
Manual Integrations
APPROVED

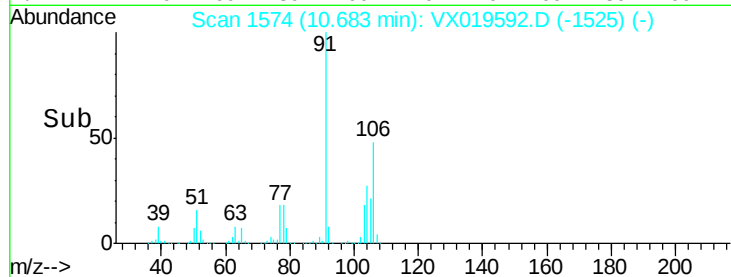
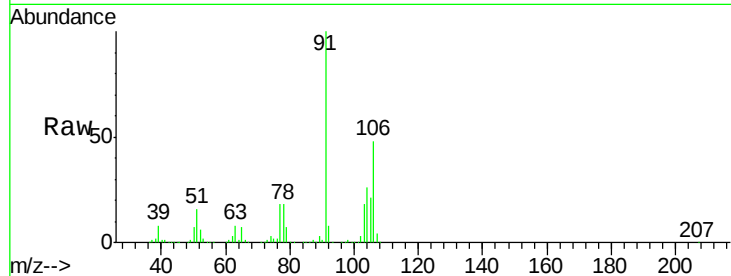
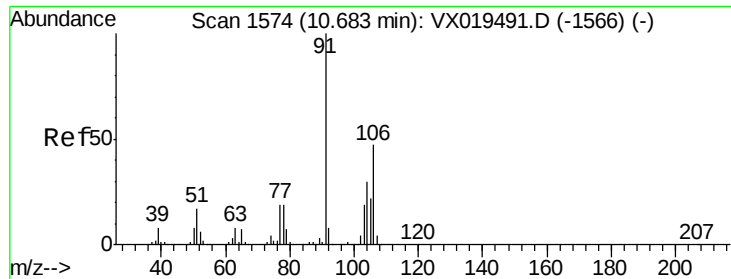
MMDadoda
11/24/2020 3:00:12 PM



#68
m/p-Xylenes
Concen: 101.717 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019592.D
Acq: 24 Nov 2020 08:11

Tgt Ion: 106 Resp: 564648
Ion Ratio Lower Upper
106 100
91 204.9 163.3 244.9





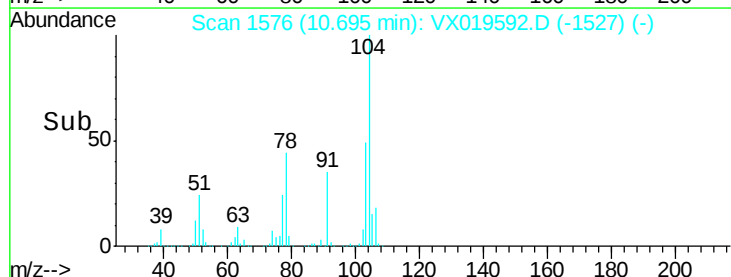
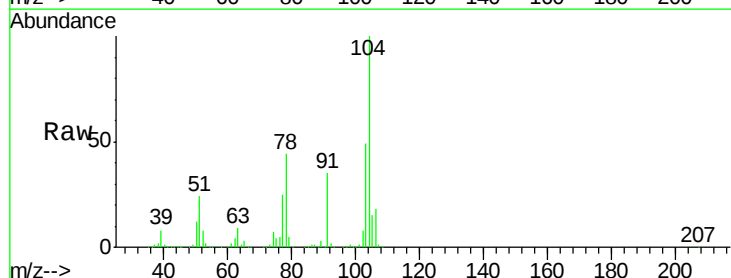
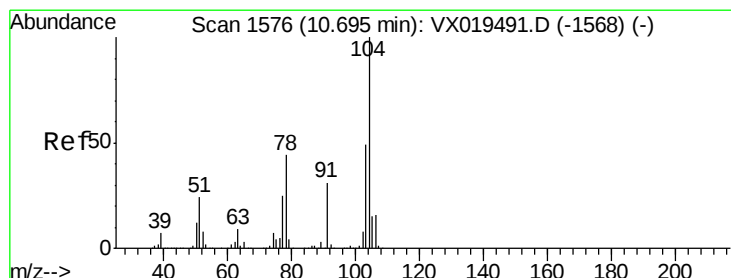
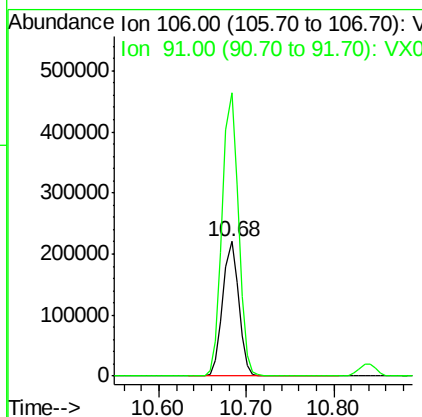
#69
o-Xylene
Concen: 52.628 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019592.D
Acq: 24 Nov 2020 08:11

Tot Ion:106 Resp: 279269
Ion Ratio Lower Upper
106 100
91 213.5 108.0 324.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

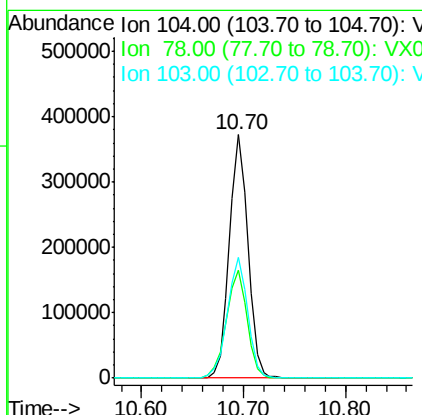
Manual Integrations
APPROVED

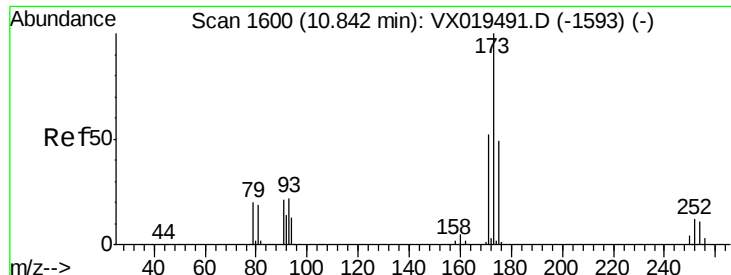
MMDadoda
11/24/2020 3:00:12 PM



#70
Styrene
Concen: 47.855 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019592.D
Acq: 24 Nov 2020 08:11

Tgt Ion:104 Resp: 469345
Ion Ratio Lower Upper
104 100
78 49.6 39.5 59.3
103 54.1 43.6 65.4





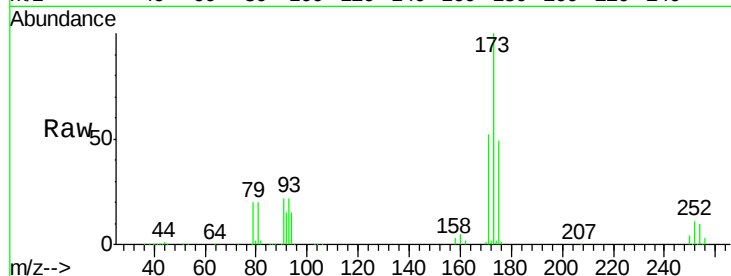
#71
Bromoform
Concen: 45.530 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX019592.D
Acq: 24 Nov 2020 08:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

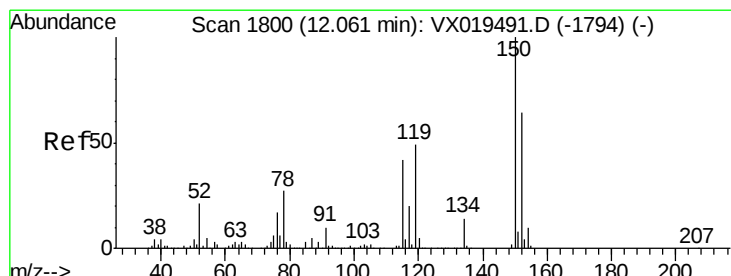
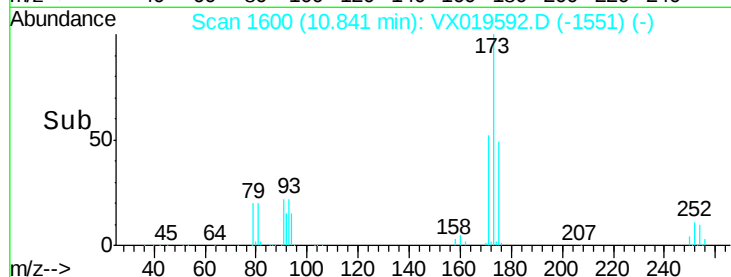
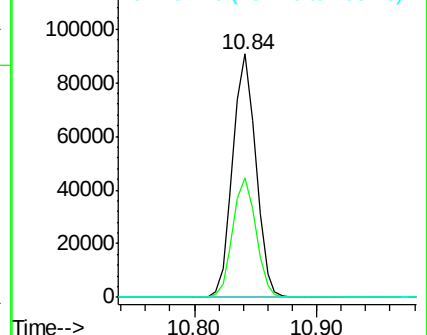
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.9	74.8
254	0.2	0.1	0.1#

Manual Integrations
APPROVED

MMDadoda
11/24/2020 3:00:12 PM

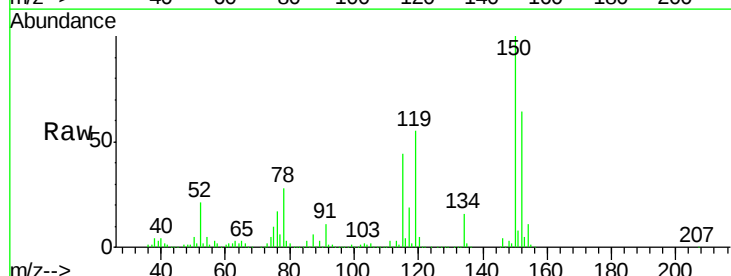


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

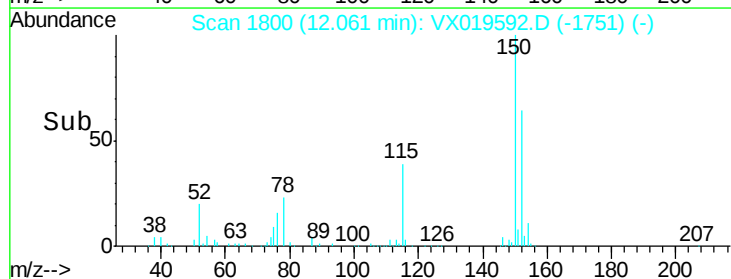
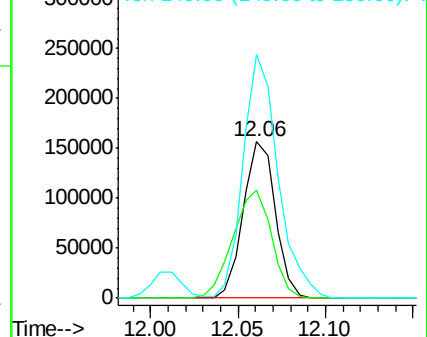


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019592.D
Acq: 24 Nov 2020 08:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	82.8	41.8	125.4
150	169.8	0.0	348.2



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





#73

Isopropylbenzene

Concen: 52.414 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019592.D

Acq: 24 Nov 2020 08:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 725590

Ion Ratio Lower Upper

105 100

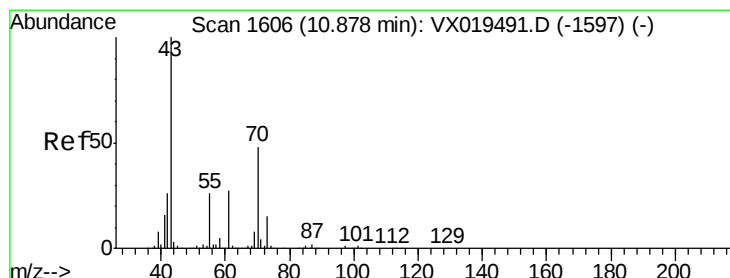
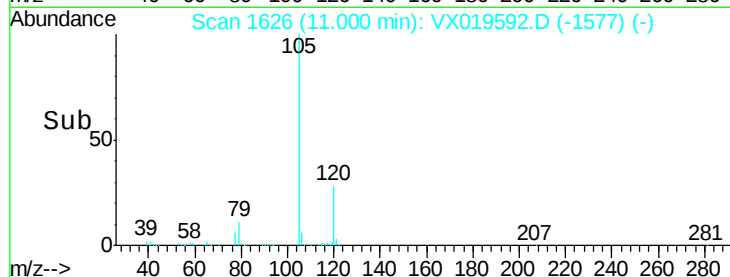
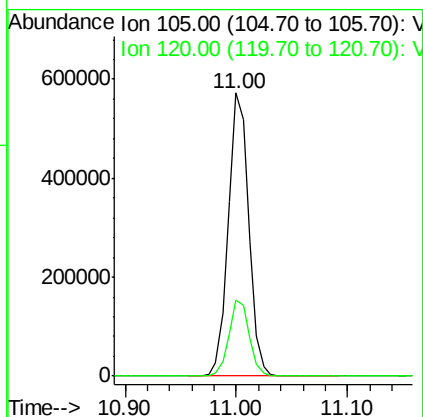
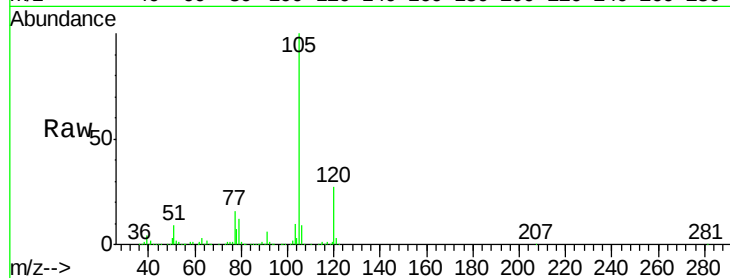
120 26.7 13.0 39.0

Manual Integrations

APPROVED

MMDadoda

11/24/2020 3:00:12 PM



#74

N-ethyl acetate

Concen: 56.106 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019592.D

Acq: 24 Nov 2020 08:11

Tgt Ion: 43 Resp: 291044

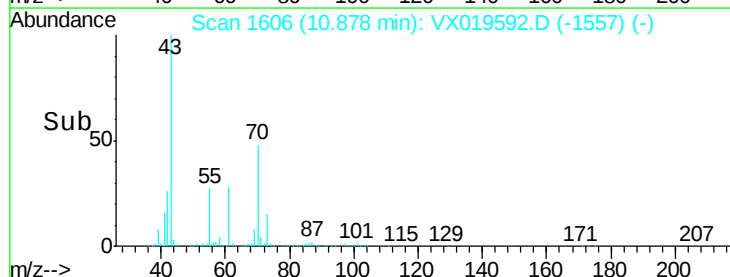
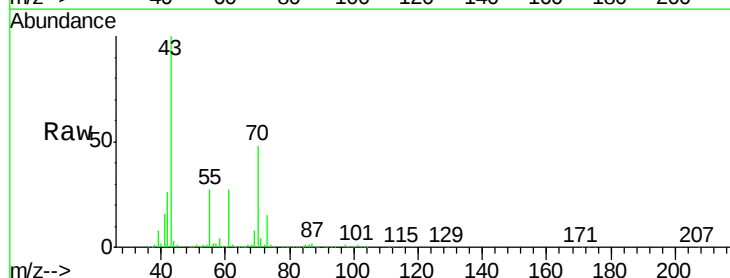
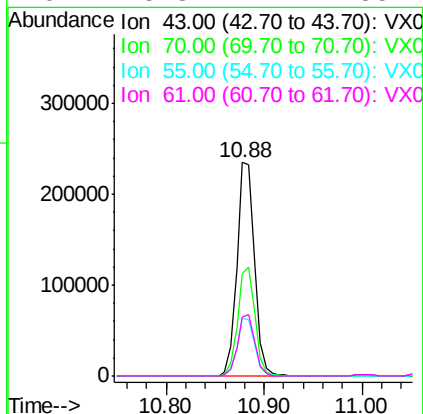
Ion Ratio Lower Upper

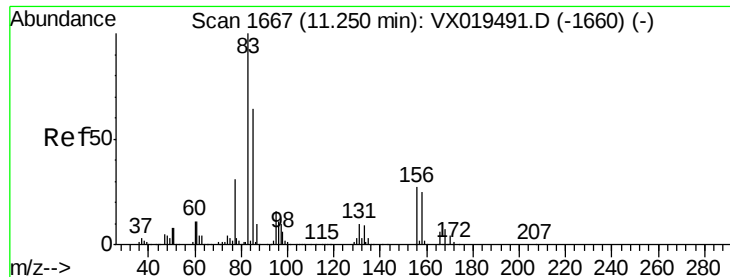
43 100

70 50.1 39.7 59.5

55 27.0 21.8 32.6

61 28.3 22.2 33.4





#75

1,1,2,2-Tetrachloroethane

Concen: 52.385 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019592.D

Acq: 24 Nov 2020 08:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 259337

Ion Ratio Lower Upper

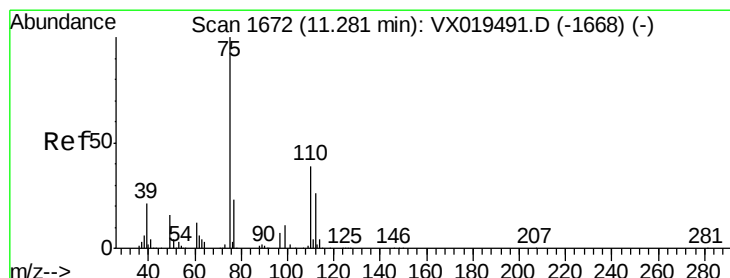
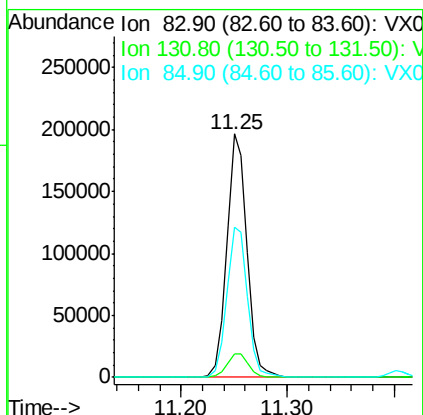
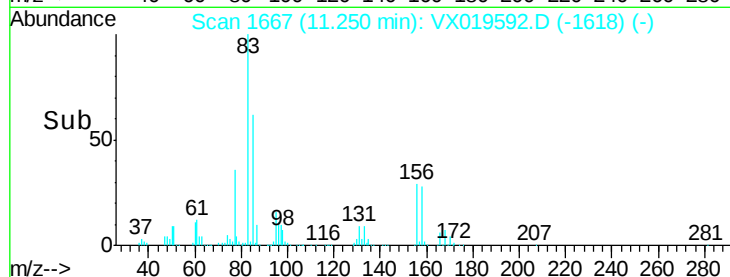
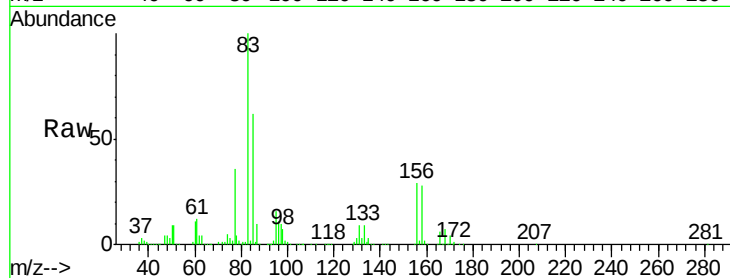
83 100

131 10.2 5.0 15.0

85 63.8 32.4 97.2

Manual Integrations
APPROVED

MMDadoda
11/24/2020 3:00:12 PM



#76

1,2,3-Trichloropropane

Concen: 51.125 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019592.D

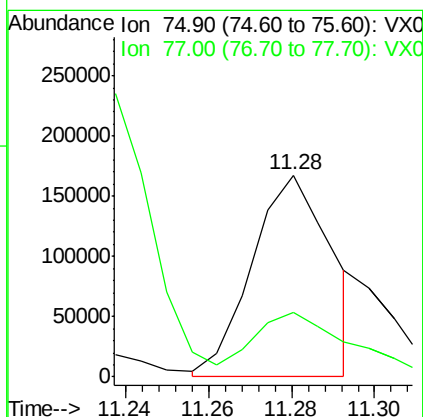
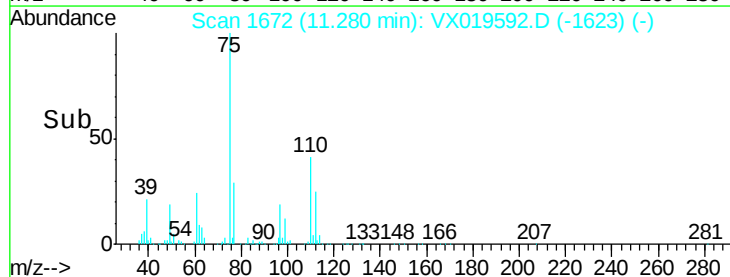
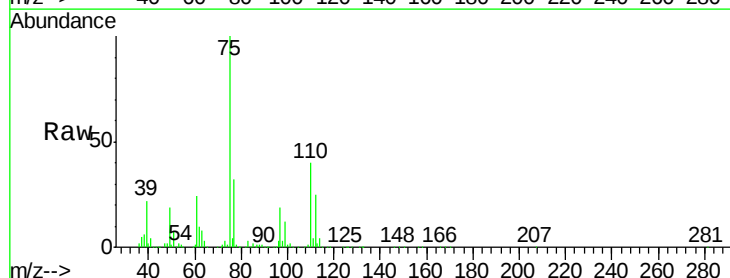
Acq: 24 Nov 2020 08:11

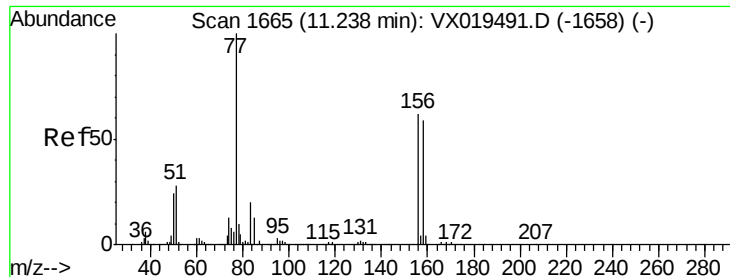
Tgt Ion: 75 Resp: 223272

Ion Ratio Lower Upper

75 100

77 38.8 20.0 60.0





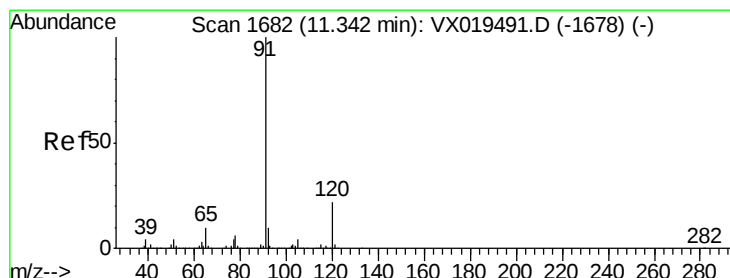
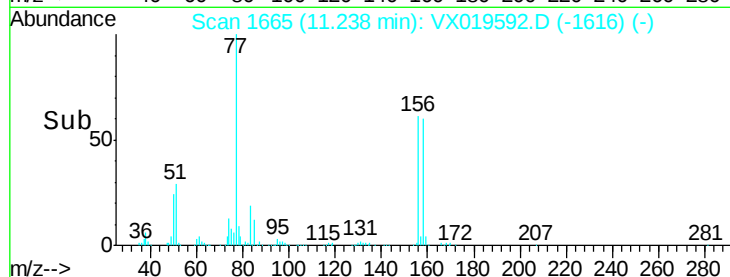
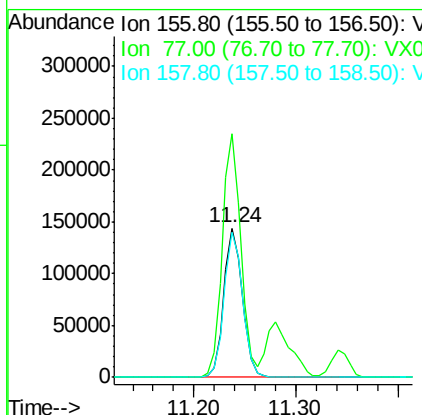
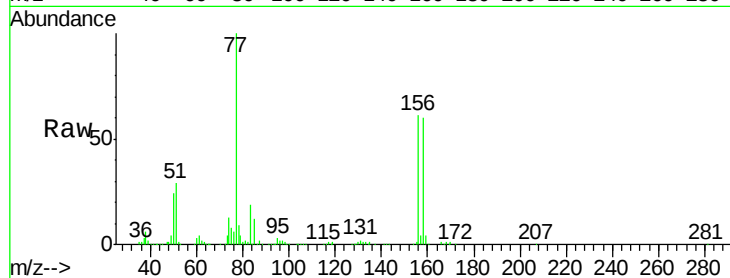
#77
Bromobenzene
Concen: 51.308 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX019592.D
Acq: 24 Nov 2020 08:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	164.9	82.5	247.3
158	97.6	48.9	146.7

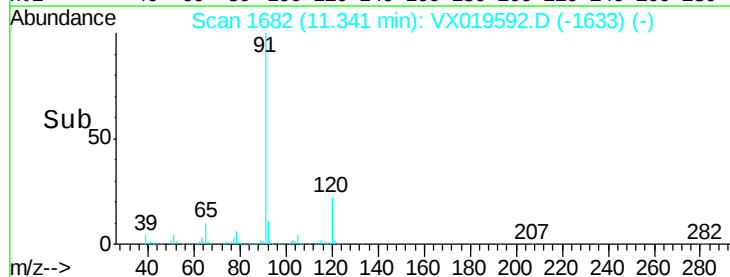
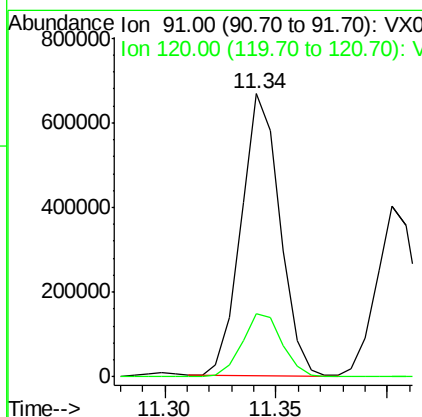
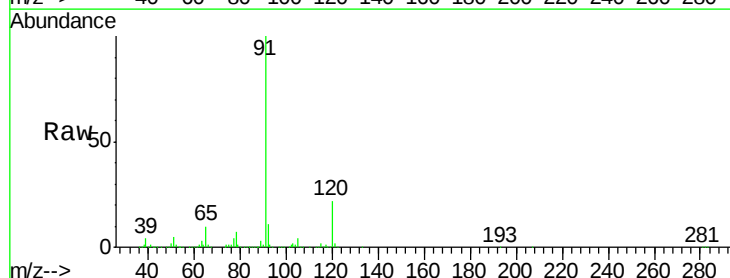
Manual Integrations
APPROVED

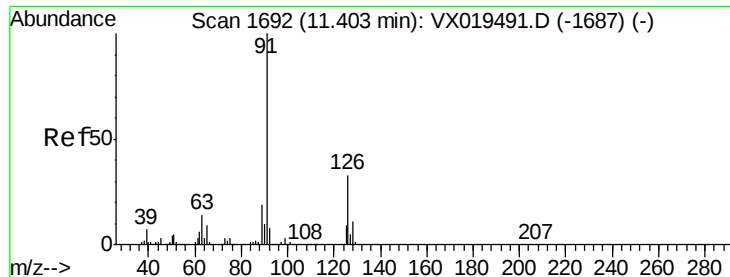
MMDadoda
11/24/2020 3:00:12 PM



#78
n-propylbenzene
Concen: 50.958 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VX019592.D
Acq: 24 Nov 2020 08:11

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.5	34.4





#79

2-Chlorotoluene

Concen: 51.776 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019592.D

Acq: 24 Nov 2020 08:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 498677

Ion Ratio Lower Upper

91 100

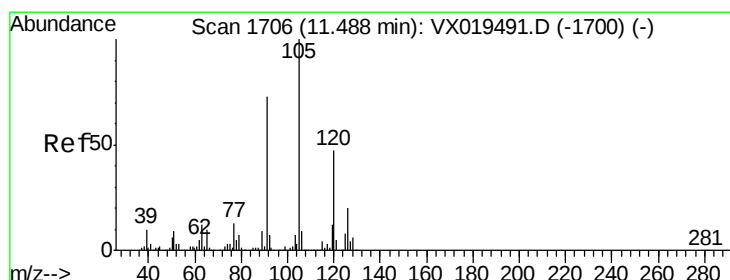
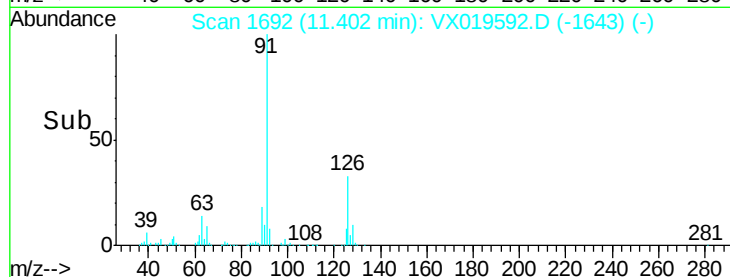
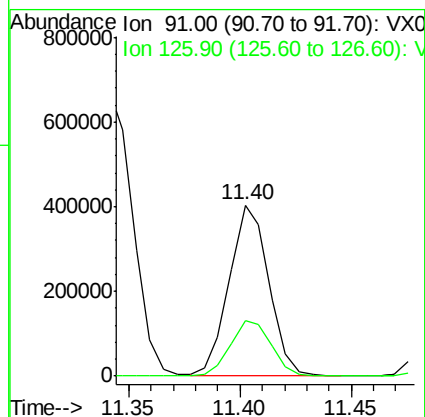
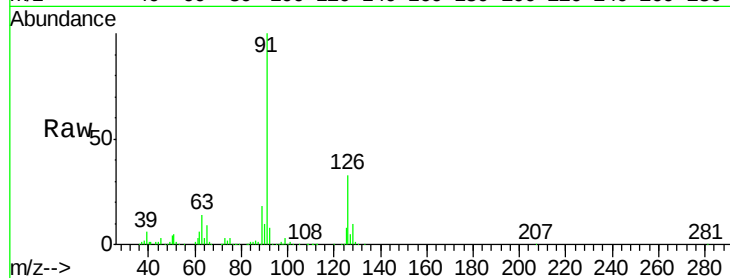
126 33.7 16.7 50.0

Manual Integrations

APPROVED

MMDadoda

11/24/2020 3:00:12 PM



#80

1,3,5-Trimethylbenzene

Concen: 52.650 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019592.D

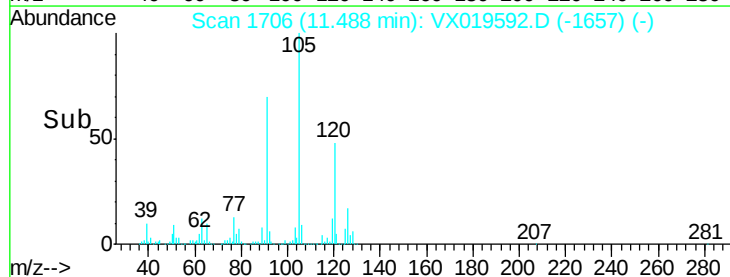
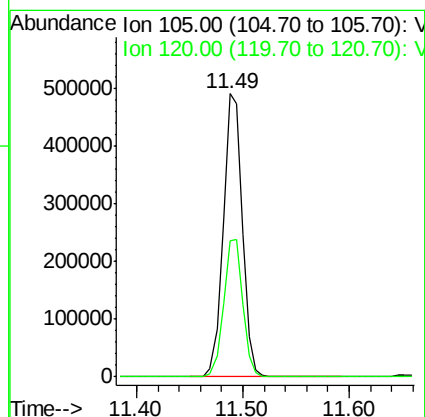
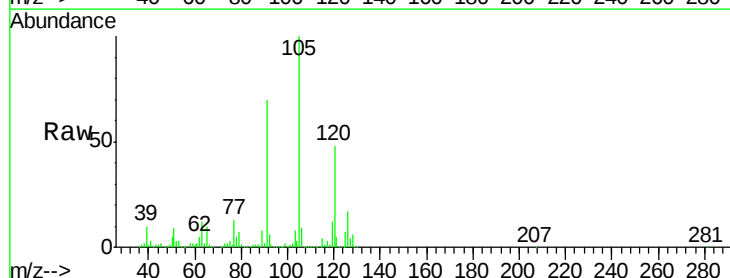
Acq: 24 Nov 2020 08:11

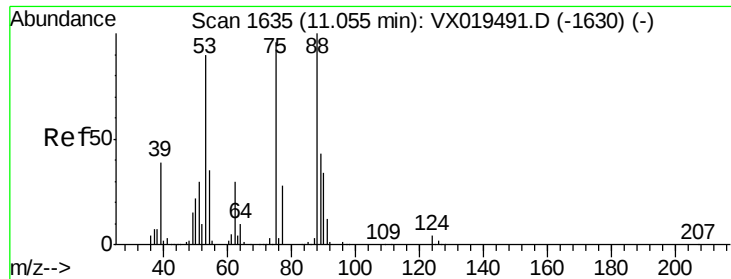
Tgt Ion: 105 Resp: 611421

Ion Ratio Lower Upper

105 100

120 48.7 24.1 72.3





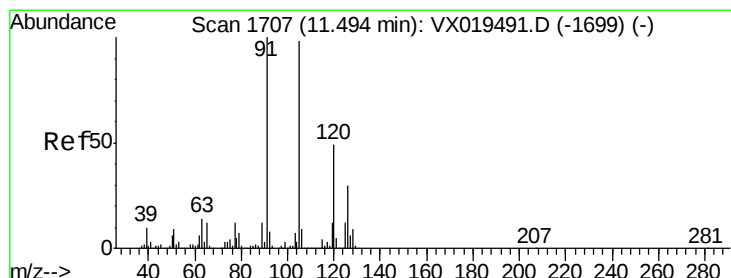
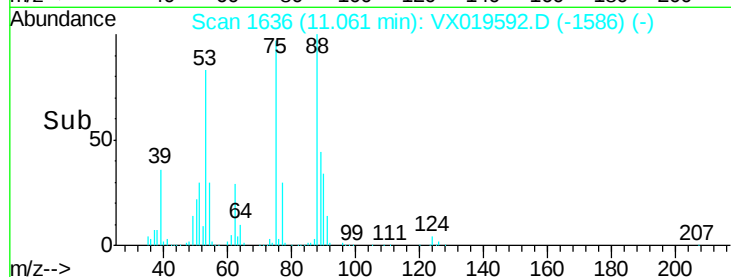
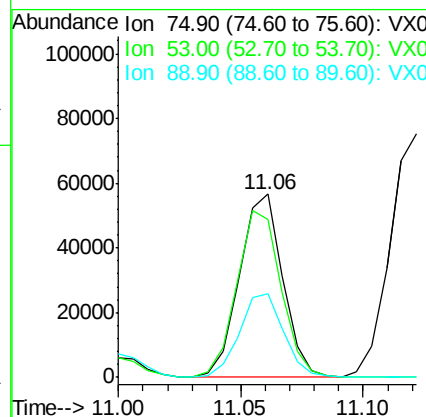
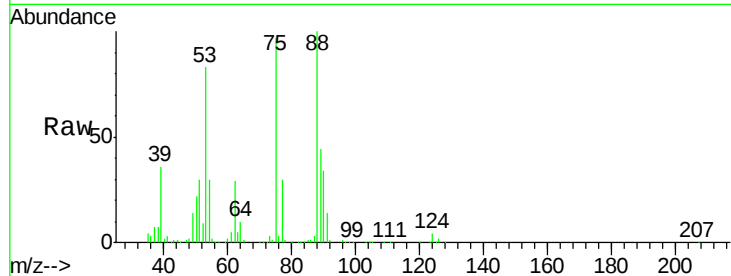
#81
trans-1,4-Dichloro-2-butene
Concen: 43.409 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX019592.D
Acq: 24 Nov 2020 08:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.6	73.9	110.9
89	47.2	37.3	55.9

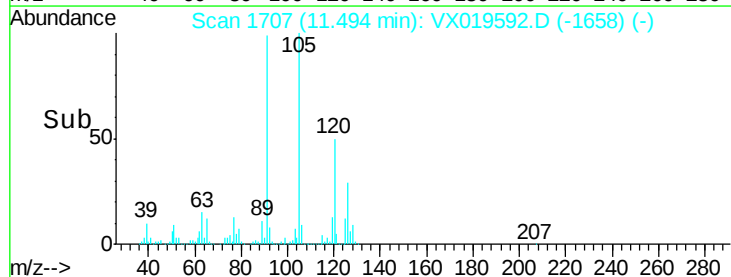
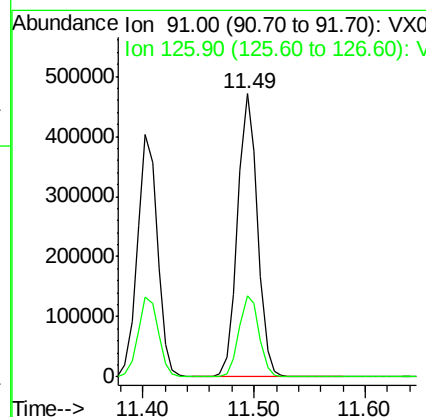
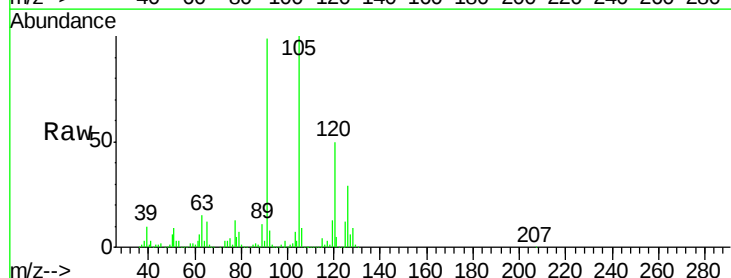
Manual Integrations
APPROVED

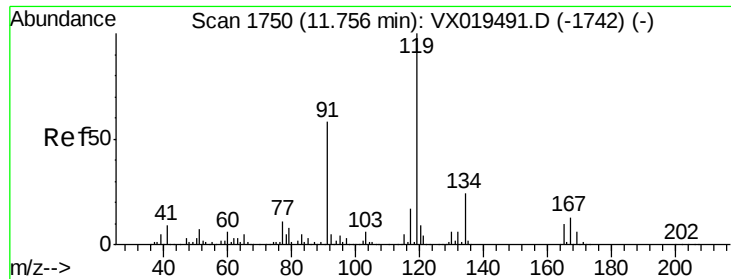
MMDadoda
11/24/2020 3:00:12 PM



#82
4-Chlorotoluene
Concen: 51.346 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019592.D
Acq: 24 Nov 2020 08:11

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.2	14.9	44.7





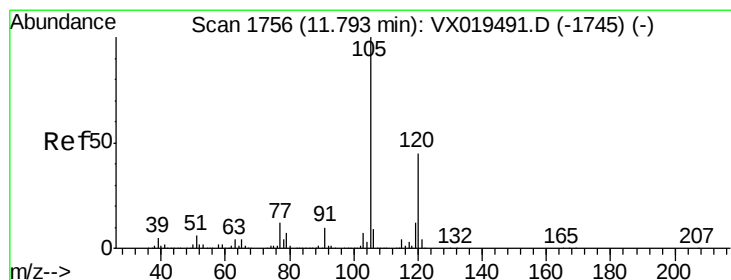
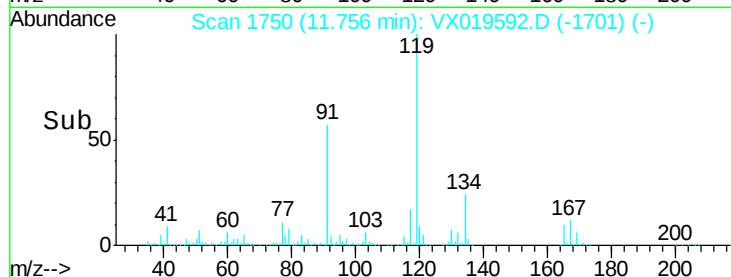
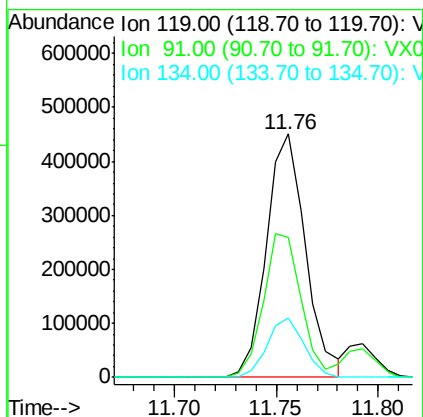
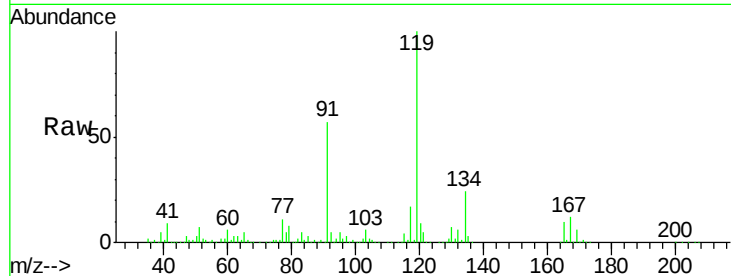
#83
tert-Butylbenzene
Concen: 53.530 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019592.D
Acq: 24 Nov 2020 08:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	601415		
91	56.8	28.9	86.8	
134	23.2	11.7	35.0	

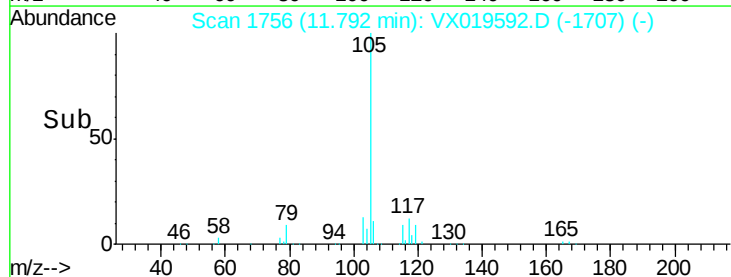
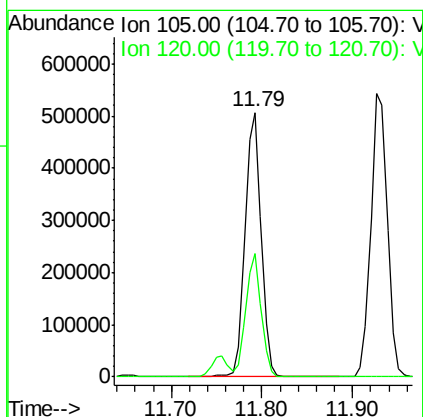
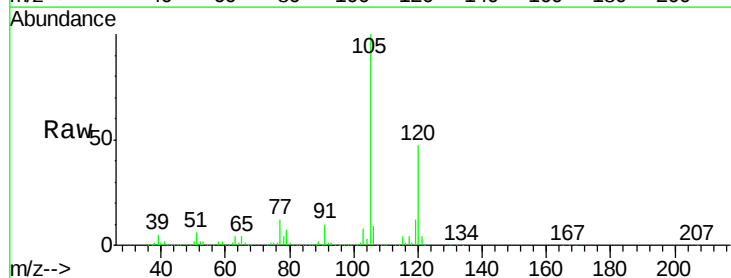
Manual Integrations
APPROVED

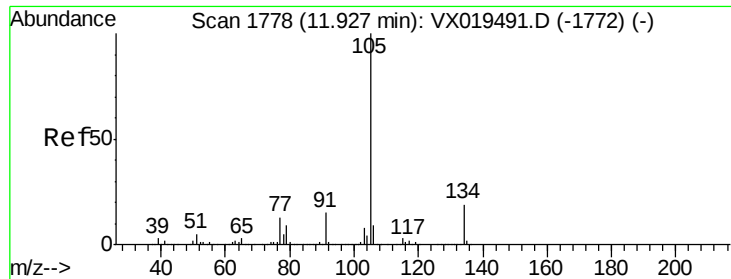
MMDadoda
11/24/2020 3:00:12 PM



#84
1,2,4-Trimethylbenzene
Concen: 52.844 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019592.D
Acq: 24 Nov 2020 08:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	620931		
120	44.7	22.2	66.6	





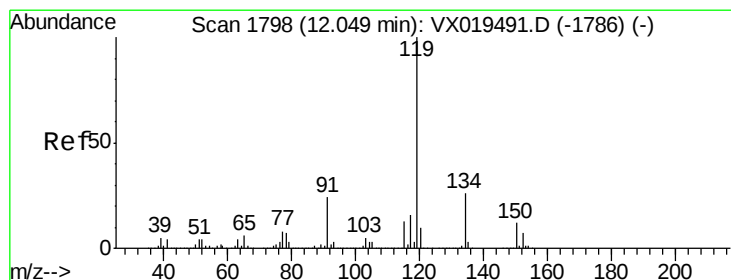
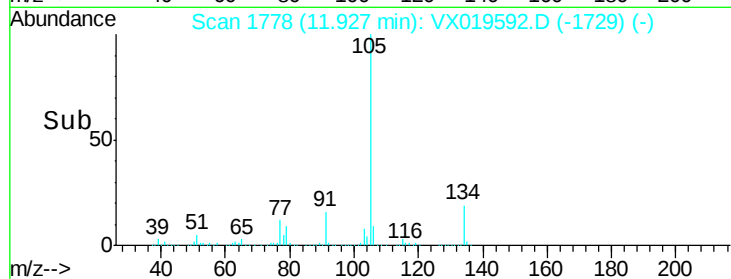
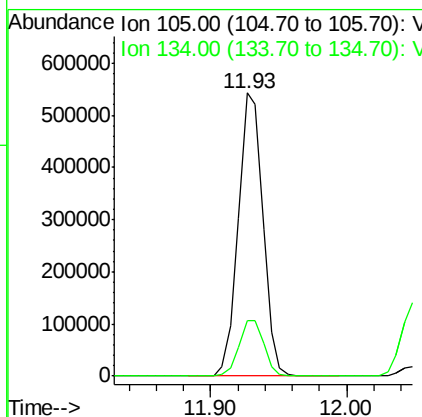
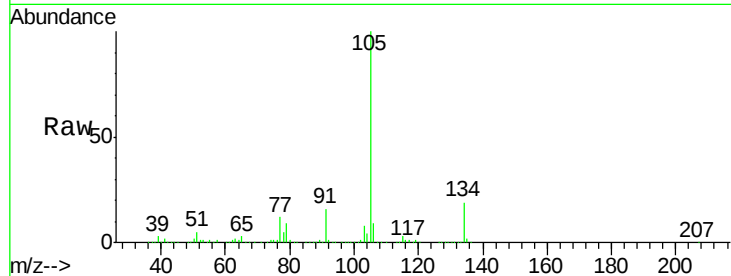
#85
 sec-Butylbenzene
 Concen: 51.100 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019592.D
 Acq: 24 Nov 2020 08:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.9	10.1	30.3

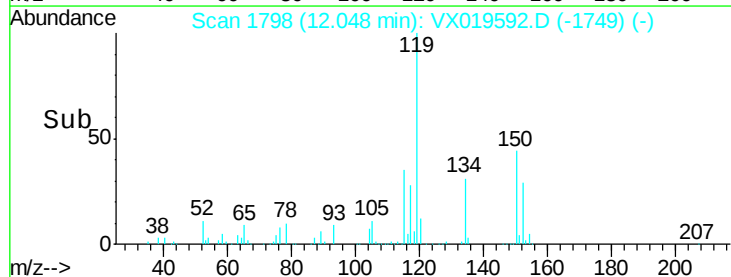
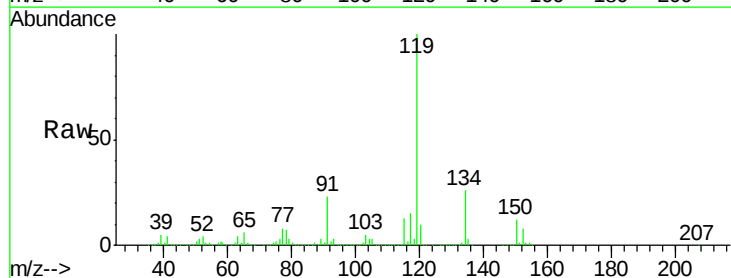
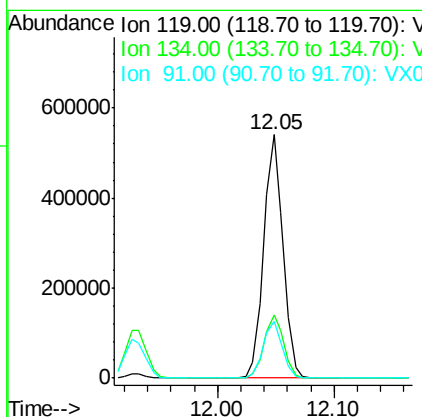
Manual Integrations
 APPROVED

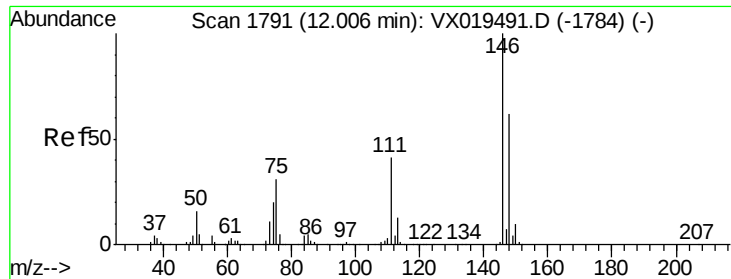
MMDadoda
 11/24/2020 3:00:12 PM



#86
 p-Isopropyltoluene
 Concen: 50.878 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019592.D
 Acq: 24 Nov 2020 08:11

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.5	13.1	39.3
91	23.5	11.8	35.4





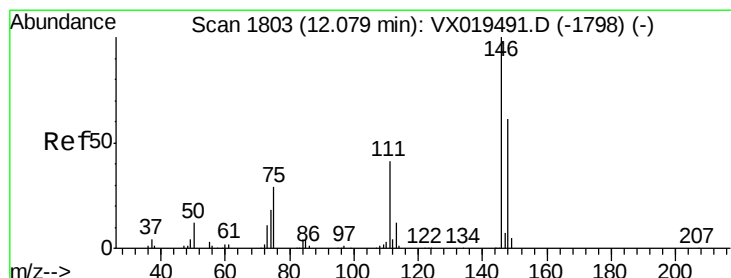
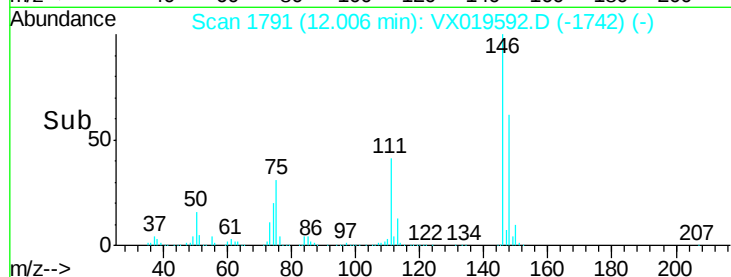
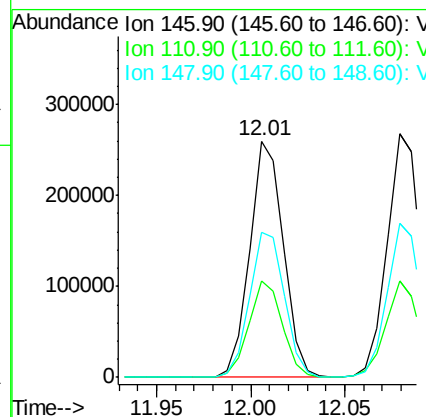
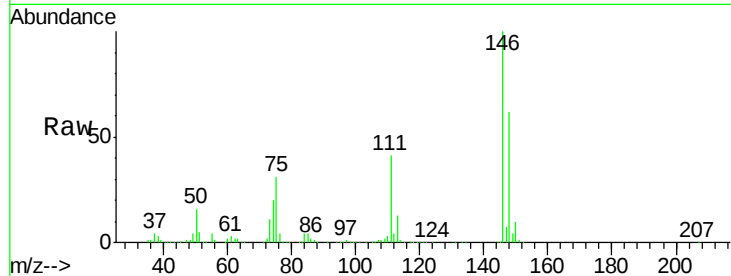
#87
 1,3-Dichlorobenzene
 Concen: 49.615 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019592.D
 Acq: 24 Nov 2020 08:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.2	60.6
148	63.8	31.4	94.2

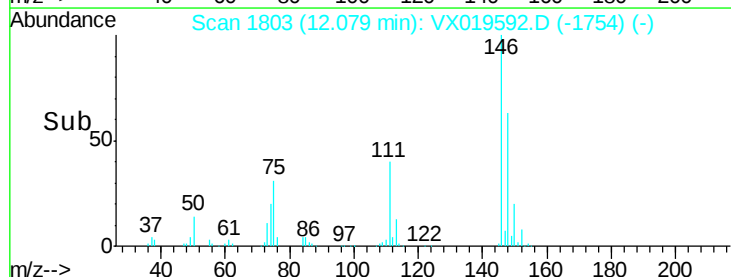
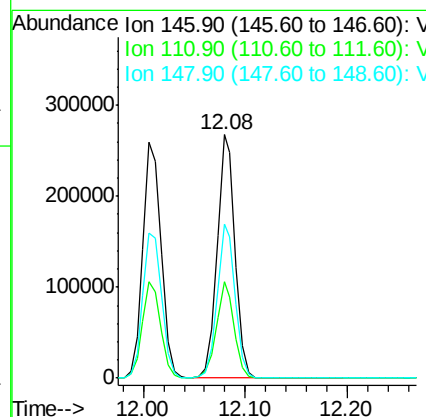
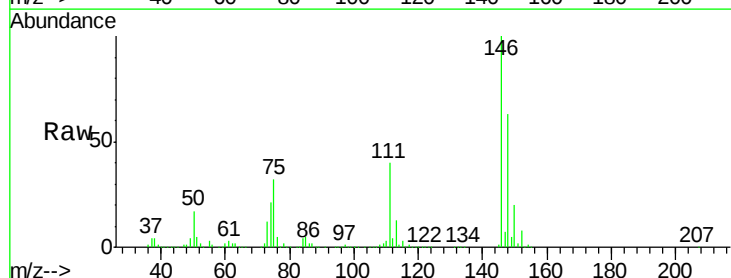
Manual Integrations
 APPROVED

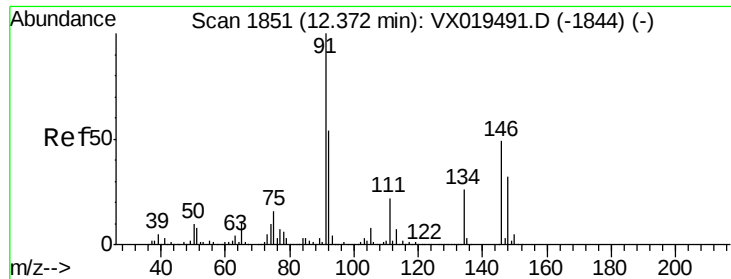
MMDadoda
 11/24/2020 3:00:12 PM



#88
 1,4-Dichlorobenzene
 Concen: 49.497 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019592.D
 Acq: 24 Nov 2020 08:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.9	59.6
148	63.7	31.7	95.1





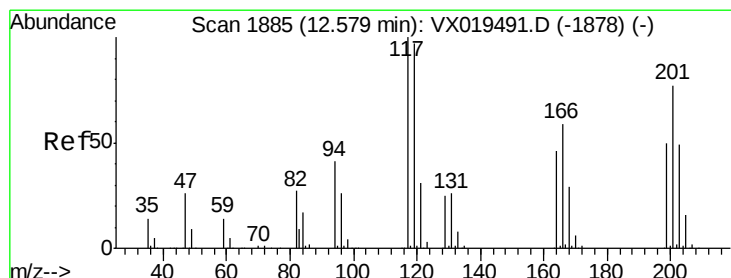
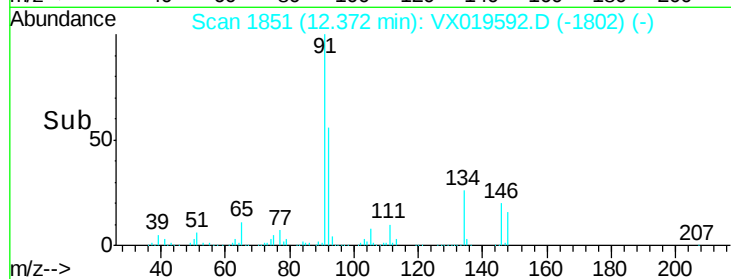
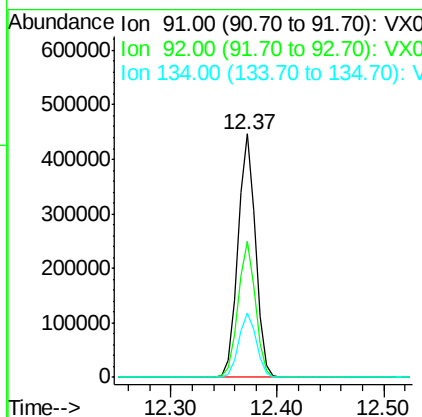
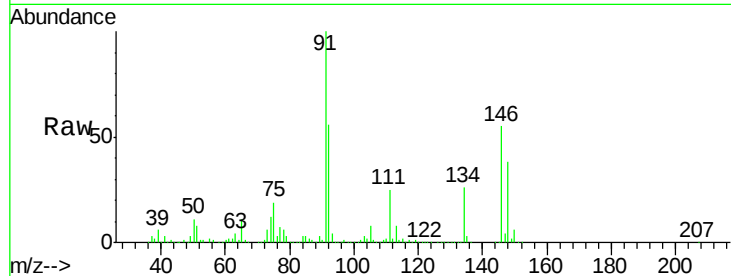
#89
n-Butylbenzene
Concen: 46.922 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019592.D
Acq: 24 Nov 2020 08:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		514772		
92	55.2	26.9		80.6	
134	26.5	12.9		38.6	

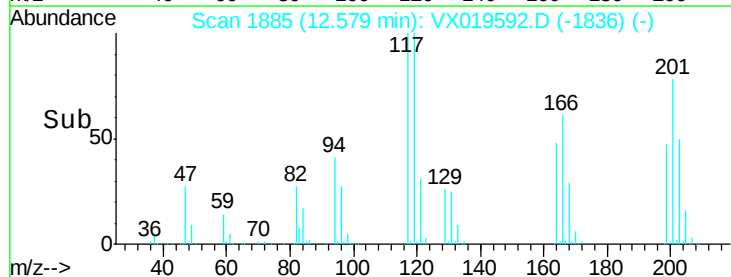
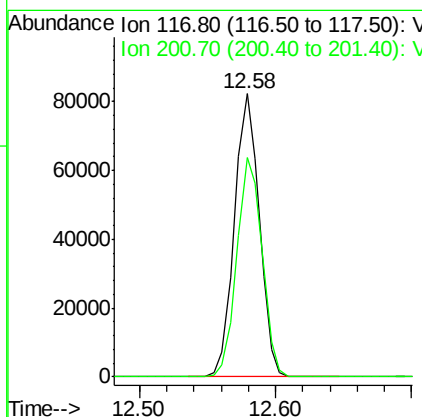
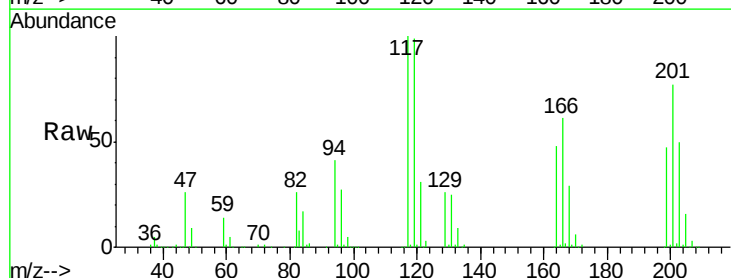
Manual Integrations
APPROVED

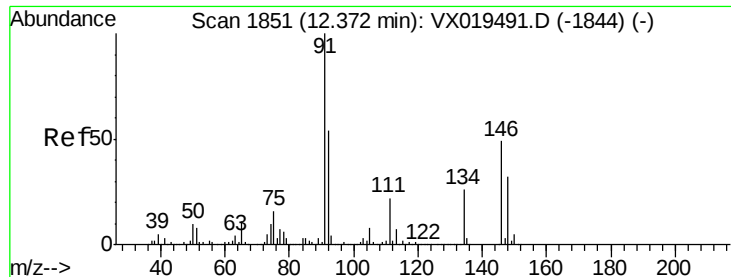
MMDadoda
11/24/2020 3:00:12 PM



#90
Hexachloroethane
Concen: 51.515 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019592.D
Acq: 24 Nov 2020 08:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		104608		
201	78.4	39.4		118.2	





#91

1,2-Dichlorobenzene

Concen: 49.807 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.01 min

Lab File: VX019592.D

Acq: 24 Nov 2020 08:11

Instrument :

MSVOA_X

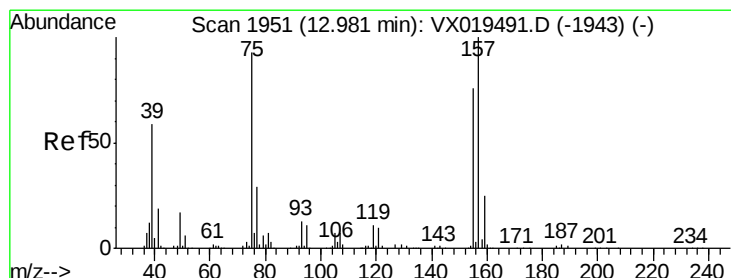
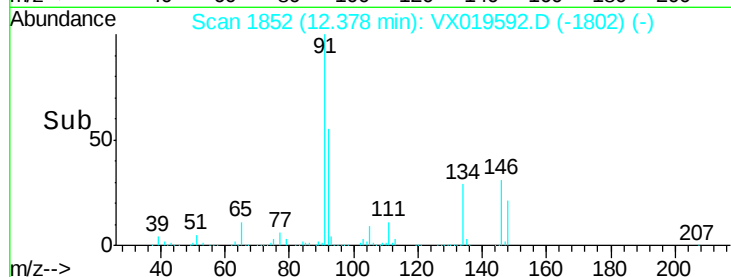
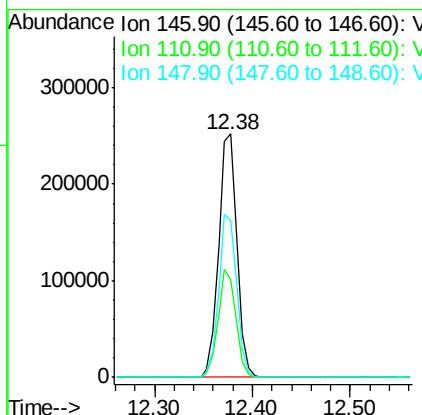
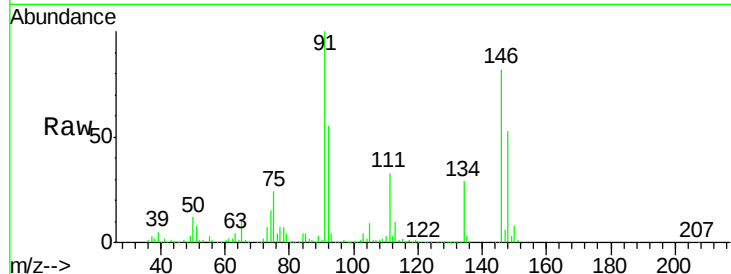
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	324669
Ion Ratio	Lower	Upper	
146	100		
111	43.0	21.1	63.3
148	66.0	32.4	97.0

Manual Integrations
APPROVED

MMDadoda
11/24/2020 3:00:12 PM



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.741 ug/l

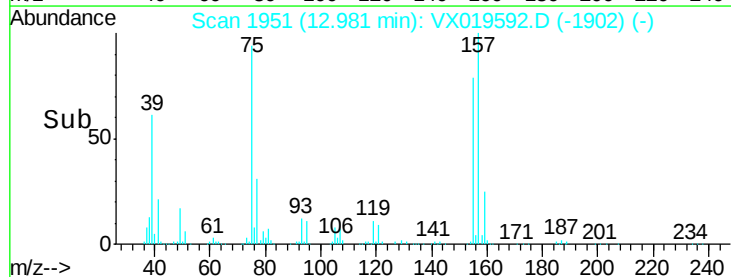
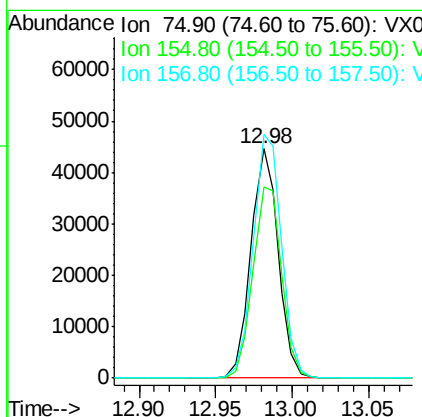
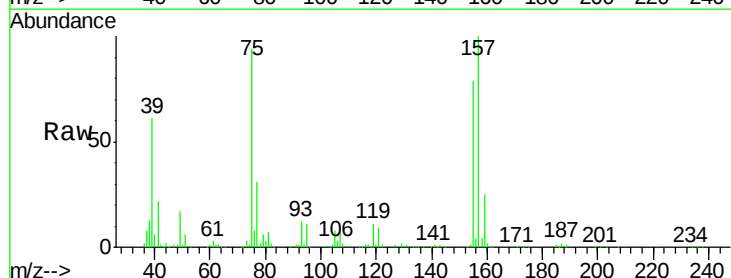
RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX019592.D

Acq: 24 Nov 2020 08:11

Tgt Ion:	75	Resp:	55286
Ion Ratio	Lower	Upper	
75	100		
155	88.2	43.6	130.9
157	110.7	57.0	170.8





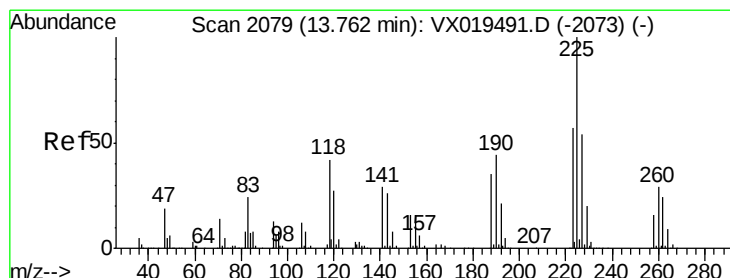
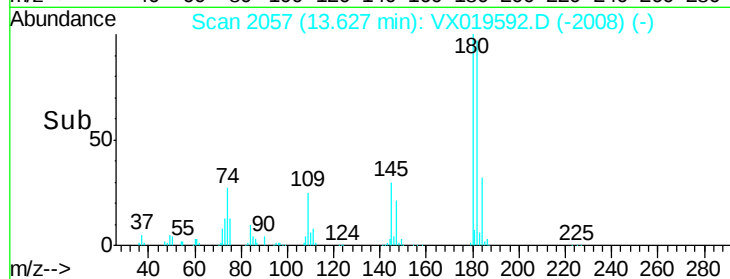
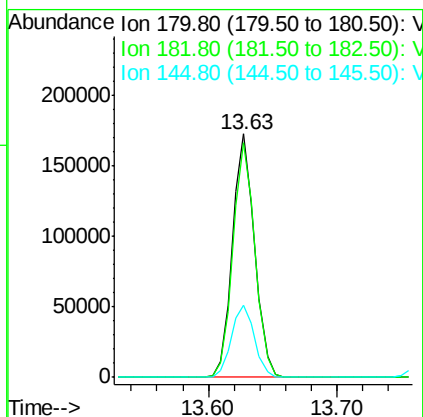
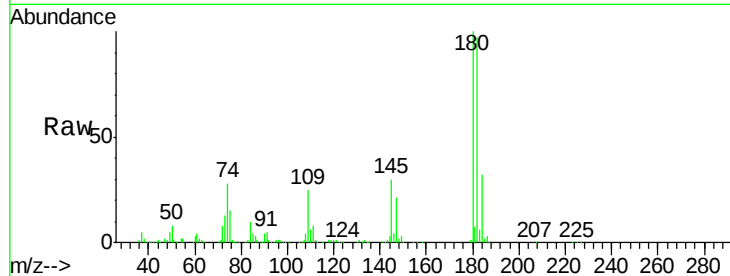
#93
 1,2,4-Trichlorobenzene
 Concen: 49.442 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019592.D
 Acq: 24 Nov 2020 08:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	206915		
182	96.1	48.6	145.9	
145	30.9	15.9	47.7	

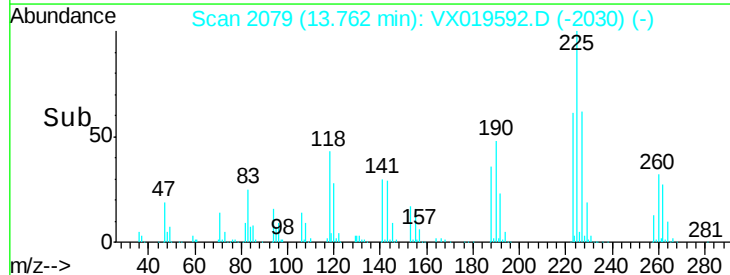
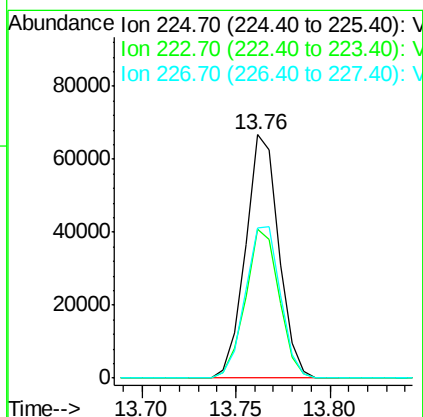
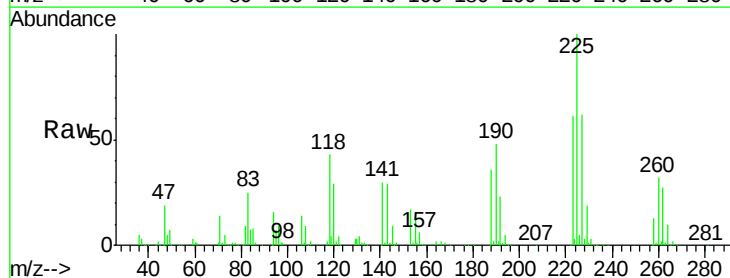
Manual Integrations
 APPROVED

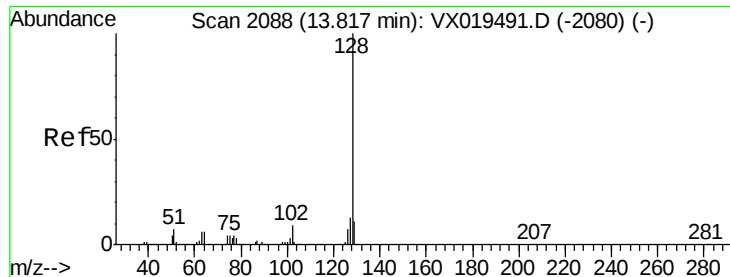
MMDadoda
 11/24/2020 3:00:12 PM



#94
 Hexachlorobutadiene
 Concen: 42.812 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019592.D
 Acq: 24 Nov 2020 08:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	81619		
223	62.0	32.5	97.5	
227	65.8	32.8	98.3	





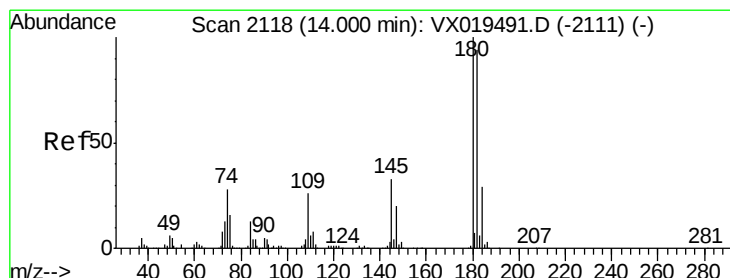
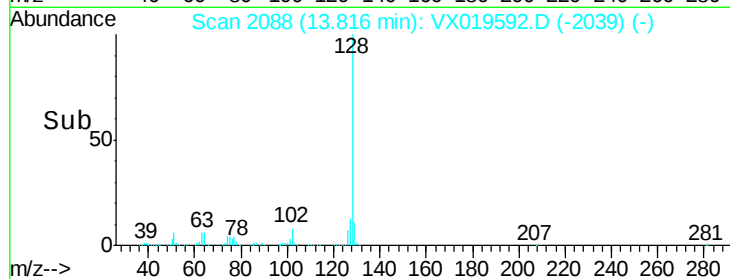
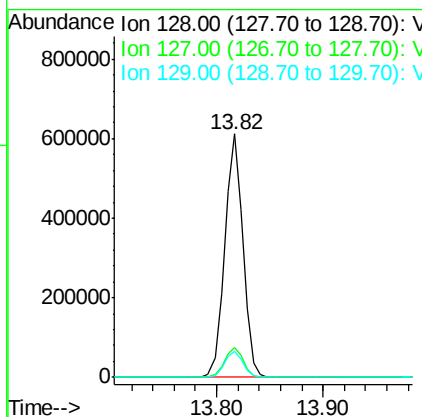
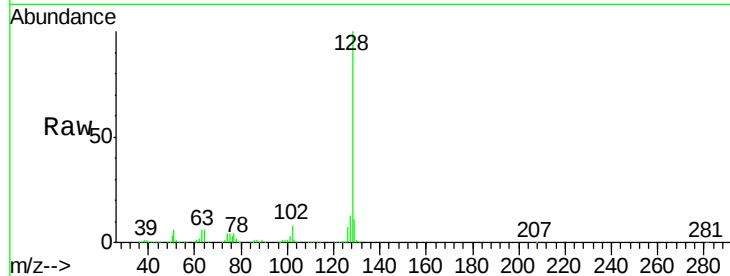
#95
Naphthalene
Concen: 49.348 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019592.D
Acq: 24 Nov 2020 08:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/24/2020 3:00:12 PM



#96
1,2,3-Trichlorobenzene
Concen: 51.693 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019592.D
Acq: 24 Nov 2020 08:11

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	48.1	144.3
145	32.1	16.6	49.8

