

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110620\
 Data File : VX019300.D
 Acq On : 05 Nov 2020 09:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/6/2020 9:24:02 AM

Quant Time: Nov 06 01:14:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	266581	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	440883	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	404545	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	209346	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	169269	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
35) Dibromofluoromethane	5.46	113	132812	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
50) Toluene-d8	8.70	98	508665	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
62) 4-Bromofluorobenzene	11.12	95	194064	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	113839	51.224	ug/l	99
3) Chloromethane	1.31	50	125383	50.500	ug/l	99
4) Vinyl Chloride	1.39	62	152346	52.909	ug/l	100
5) Bromomethane	1.64	94	92026	46.799	ug/l	98
6) Chloroethane	1.71	64	100347	54.583	ug/l	98
7) Trichlorofluoromethane	1.92	101	236121	52.197	ug/l	97
8) Diethyl Ether	2.17	74	92297	53.163	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	134458	53.625	ug/l	98
10) Methyl Iodide	2.49	142	125272	43.307	ug/l	100
11) Tert butyl alcohol	3.01	59	156016	229.762	ug/l	100
12) 1,1-Dichloroethene	2.36	96	130178	50.383	ug/l	98
13) Acrolein	2.27	56	87361	286.900	ug/l	99
14) Allyl chloride	2.71	41	210369	53.755	ug/l	99
15) Acrylonitrile	3.11	53	372108	260.782	ug/l	100
16) Acetone	2.42	43	332620	280.451	ug/l	100
17) Carbon Disulfide	2.55	76	360303	48.938	ug/l	99
18) Methyl Acetate	2.75	43	152911	53.020	ug/l	98
19) Methyl tert-butyl Ether	3.16	73	470664	52.574	ug/l	99
20) Methylene Chloride	2.83	84	150770	50.636	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	149586	50.304	ug/l	95
22) Diisopropyl ether	3.82	45	437664	56.097	ug/l	97
23) Vinyl Acetate	3.78	43	1922856	276.373	ug/l	98
24) 1,1-Dichloroethane	3.67	63	264964	54.393	ug/l	100
25) 2-Butanone	4.63	43	508805	272.210	ug/l	97
26) 2,2-Dichloropropane	4.54	77	243186	53.104	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	170788	51.398	ug/l	96
28) Bromochloromethane	4.98	49	114657	51.775	ug/l	92
29) Tetrahydrofuran	5.08	42	313019	265.736	ug/l	97
30) Chloroform	5.17	83	276504	53.327	ug/l	100
31) Cyclohexane	5.54	56	232575	53.518	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	248381	52.837	ug/l	99
36) 1,1-Dichloropropene	5.76	75	213034	52.327	ug/l	99
37) Ethyl Acetate	4.79	43	194927	51.568	ug/l	99
38) Carbon Tetrachloride	5.74	117	215817	52.007	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110620\
 Data File : VX019300.D
 Acq On : 05 Nov 2020 09:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/6/2020 9:24:02 AM

Quant Time: Nov 06 01:14:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	257947	52.988	ug/l	98
40) Benzene	6.10	78	611914	53.011	ug/l	98
41) Methacrylonitrile	5.00	41	107130	52.626	ug/l	98
42) 1,2-Dichloroethane	6.15	62	225298	52.959	ug/l	99
43) Isopropyl Acetate	6.40	43	326312	51.555	ug/l	99
44) Trichloroethene	7.18	130	163726	49.526	ug/l	92
45) 1,2-Dichloropropane	7.48	63	155624	55.043	ug/l	99
46) Dibromomethane	7.63	93	106158	50.776	ug/l	97
47) Bromodichloromethane	7.87	83	218893	53.118	ug/l	99
48) Methyl methacrylate	7.74	41	160984	52.844	ug/l	98
49) 1,4-Dioxane	7.73	88	64610	953.677	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	977319	268.656	ug/l	99
52) Toluene	8.76	92	391824	52.703	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	242684	51.560	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	261894	52.913	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	152214	51.818	ug/l	98
56) Ethyl methacrylate	9.16	69	232663	52.438	ug/l	97
57) 1,3-Dichloropropane	9.35	76	258865	52.269	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	580758	234.044	ug/l	96
59) 2-Hexanone	9.47	43	767186	277.049	ug/l	98
60) Dibromochloromethane	9.56	129	166017	52.077	ug/l	100
61) 1,2-Dibromoethane	9.65	107	159762	50.860	ug/l	98
64) Tetrachloroethene	9.32	164	153237	49.717	ug/l	93
65) Chlorobenzene	10.12	112	409346	49.507	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	149650	50.274	ug/l	99
67) Ethyl Benzene	10.23	91	746495	50.666	ug/l	100
68) m/p-Xylenes	10.34	106	561621	101.562	ug/l	98
69) o-Xylene	10.68	106	264064	50.346	ug/l	99
70) Styrene	10.70	104	459511	51.346	ug/l	99
71) Bromoform	10.84	173	114696	48.598	ug/l #	100
73) Isopropylbenzene	11.00	105	727972	49.126	ug/l	100
74) N-amyl acetate	10.88	43	275849	50.912	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	227648	49.155	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	218139m	50.465	ug/l	
77) Bromobenzene	11.24	156	175018	47.588	ug/l	94
78) n-propylbenzene	11.34	91	848447	50.157	ug/l	100
79) 2-Chlorotoluene	11.40	91	502838	50.491	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	625675	49.979	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	77991	47.507	ug/l	97
82) 4-Chlorotoluene	11.49	91	597903	49.164	ug/l	98
83) tert-Butylbenzene	11.76	119	591899	49.380	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	629190	49.784	ug/l	99
85) sec-Butylbenzene	11.93	105	728363	50.664	ug/l	99
86) p-Isopropyltoluene	12.05	119	673274	50.739	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	328269	47.929	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	334175	46.872	ug/l	99
89) n-Butylbenzene	12.37	91	638198	51.168	ug/l	99
90) Hexachloroethane	12.58	117	112143	49.721	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	309164	47.009	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	51680	45.584	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110620\
Data File : VX019300.D
Acq On : 05 Nov 2020 09:41
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

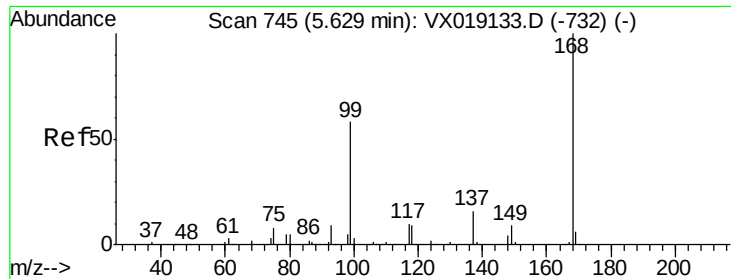
Manual Integrations
APPROVED

MMDadoda
11/6/2020 9:24:02 AM

Quant Time: Nov 06 01:14:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 27 13:55:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	224938	45.535	ug/l	100
94) Hexachlorobutadiene	13.76	225	97792	44.971	ug/l	96
95) Naphthalene	13.82	128	710299	45.654	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	217185	45.320	ug/l	100

(#) = 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: VX019300.D

Acq: 05 Nov 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 266581

Ion Ratio Lower Upper

168 100

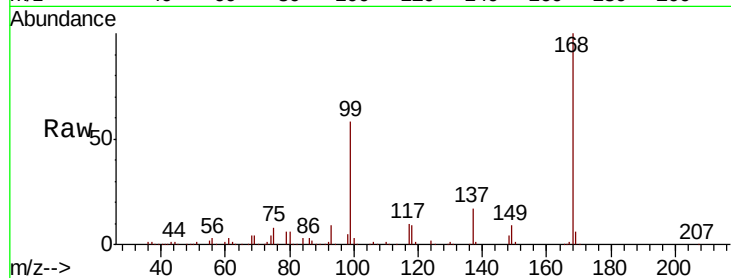
99 57.9 46.6 69.8

Manual Integrations

APPROVED

MMDadoda

11/6/2020 9:24:02 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

100000

80000

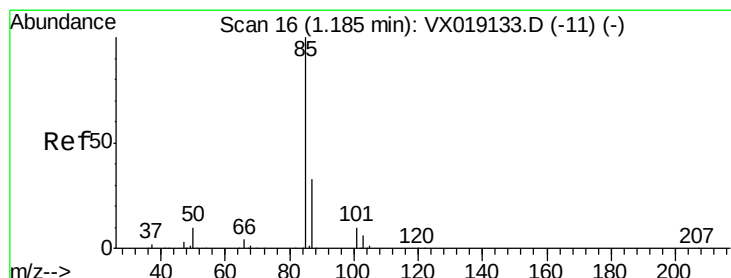
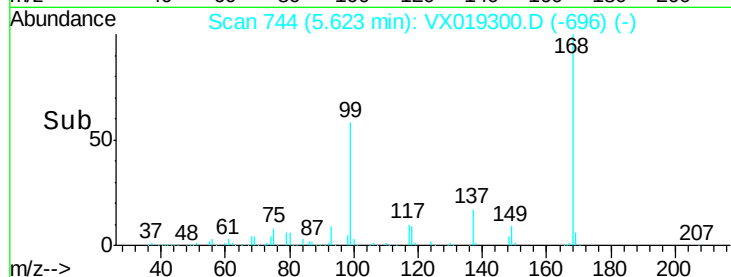
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.224 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019300.D

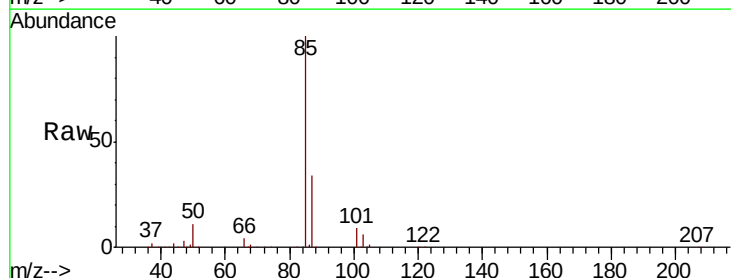
Acq: 05 Nov 2020 09:41

Tgt Ion: 85 Resp: 113839

Ion Ratio Lower Upper

85 100

87 33.6 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

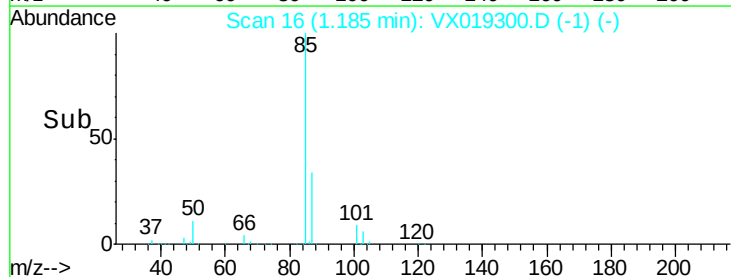
150000

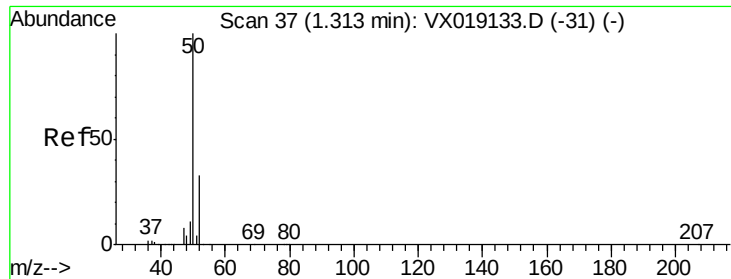
100000

50000

0

Time-->





#3

Chloromethane

Concen: 50.500 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 125383

Ion Ratio Lower Upper

50 100

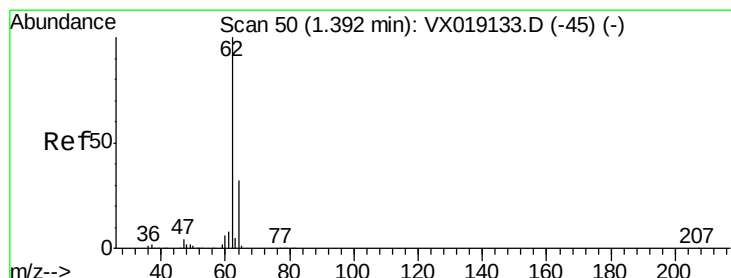
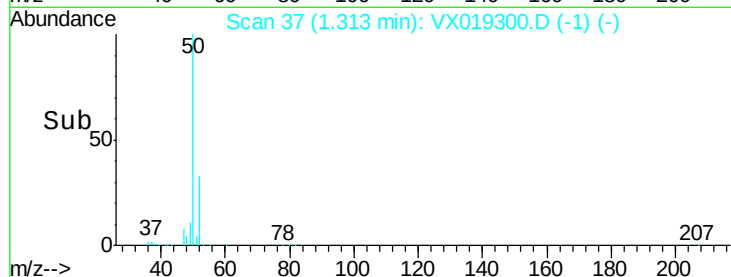
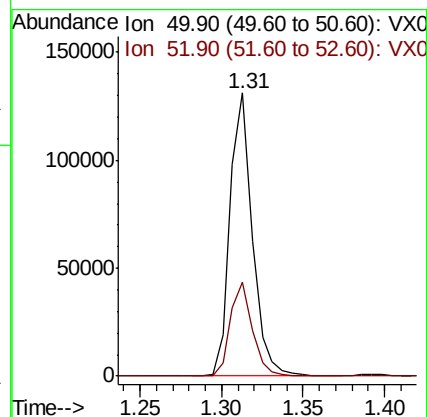
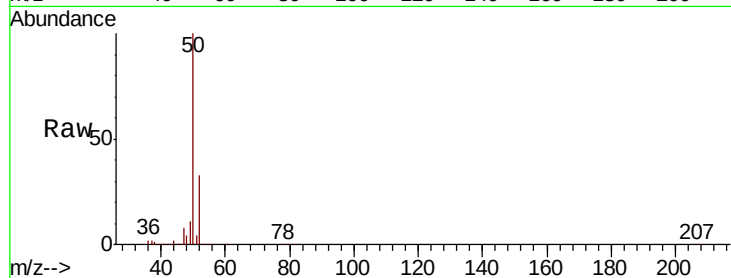
52 33.2 26.8 40.2

Manual Integrations

APPROVED

MMDadoda

11/6/2020 9:24:02 AM



#4

Vinyl Chloride

Concen: 52.909 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019300.D

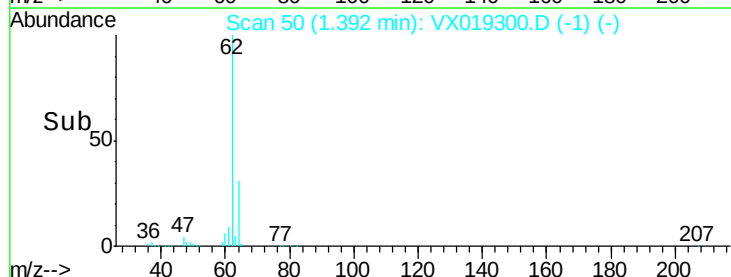
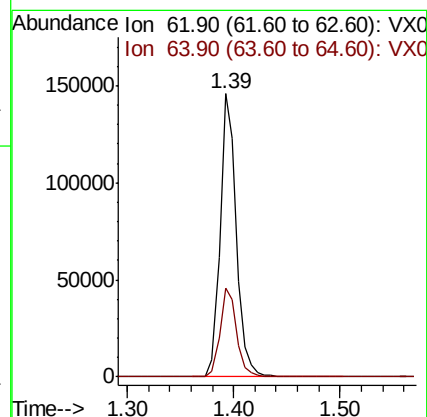
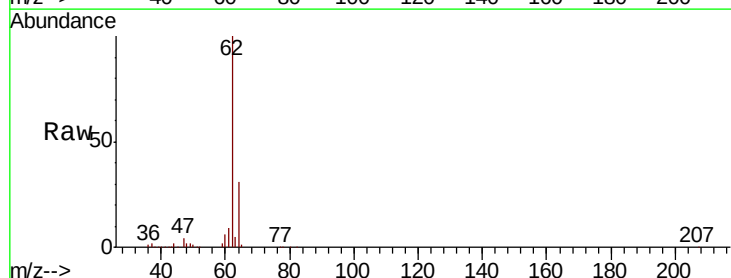
Acq: 05 Nov 2020 09:41

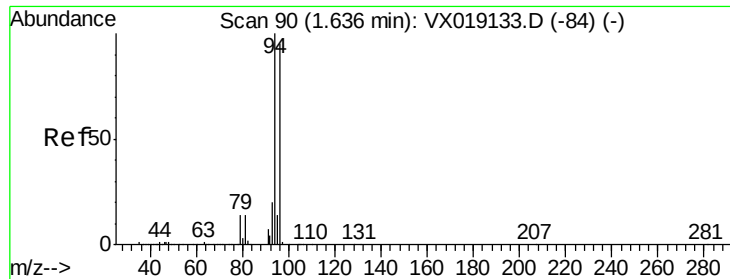
Tgt Ion: 62 Resp: 152346

Ion Ratio Lower Upper

62 100

64 31.5 25.4 38.0





#5

Bromomethane

Concen: 46.799 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 92026

Ion Ratio Lower Upper

94 100

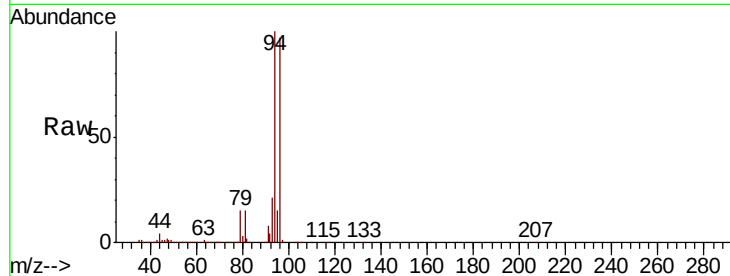
96 96.6 76.0 114.0

Manual Integrations

APPROVED

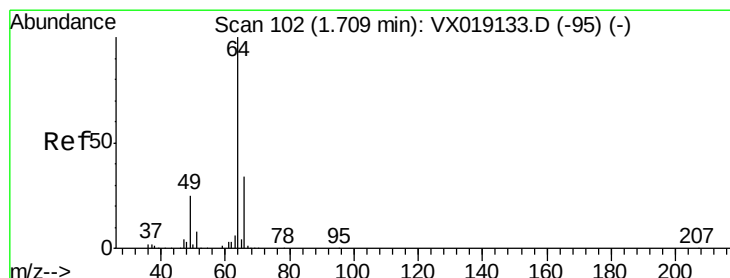
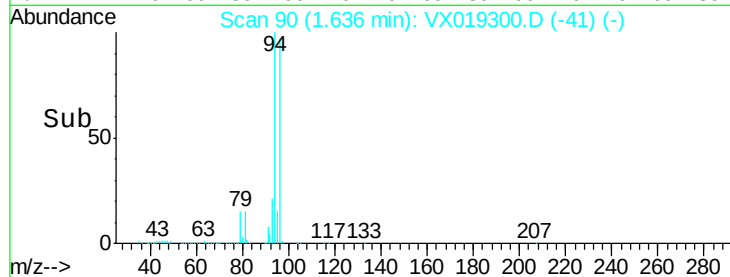
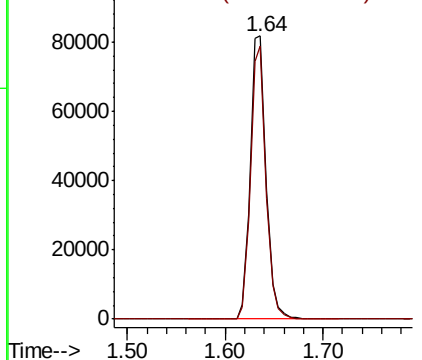
MMDadoda

11/6/2020 9:24:02 AM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 54.583 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX019300.D

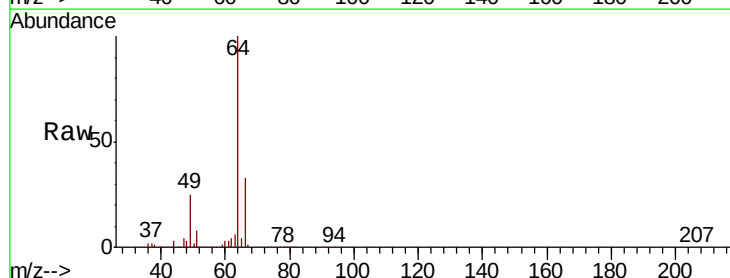
Acq: 05 Nov 2020 09:41

Tgt Ion: 64 Resp: 100347

Ion Ratio Lower Upper

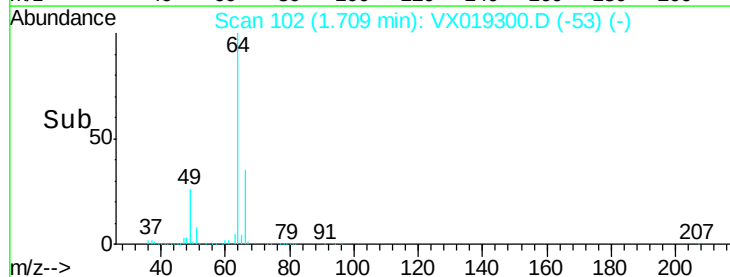
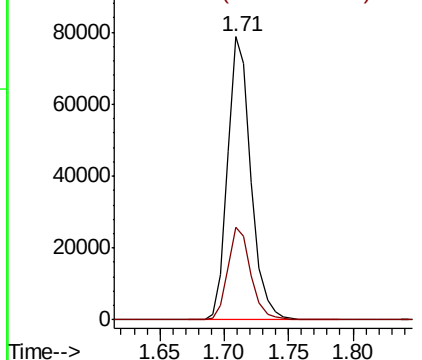
64 100

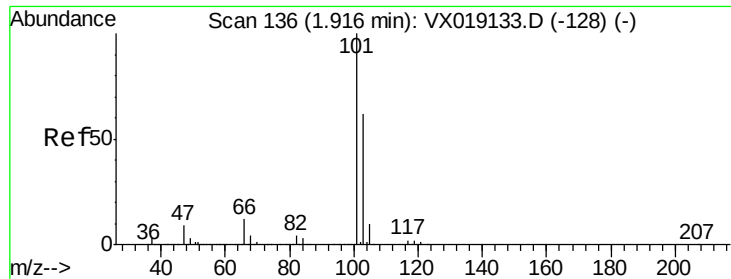
66 32.7 27.1 40.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

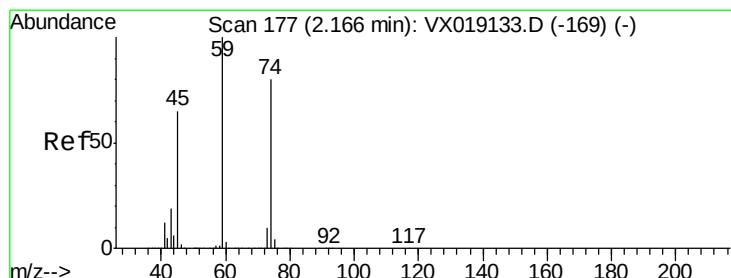
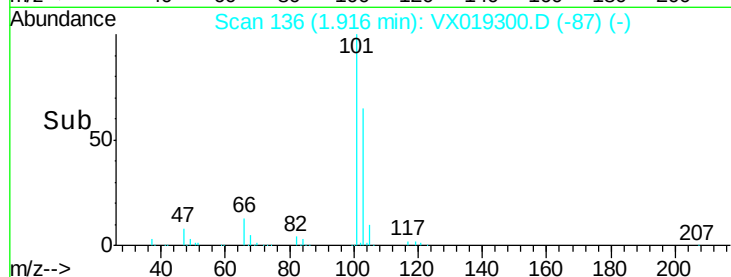
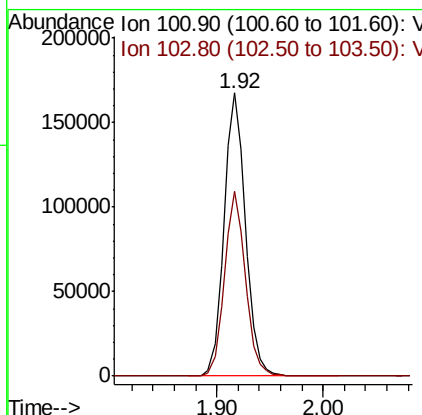
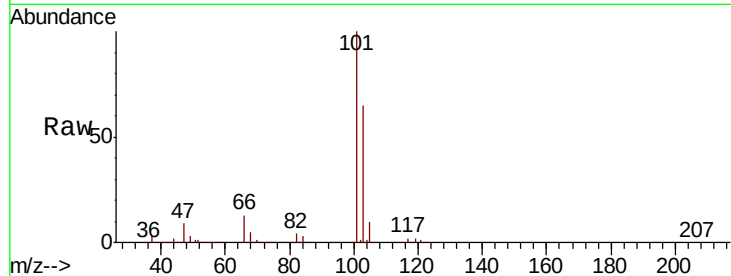
Trichlorofluoromethane
Concen: 52.197 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	50.0	75.0

Manual Integrations
APPROVED

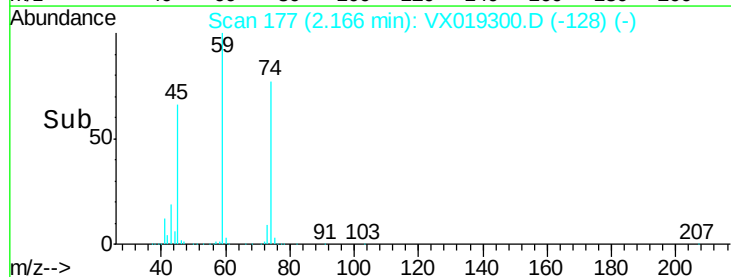
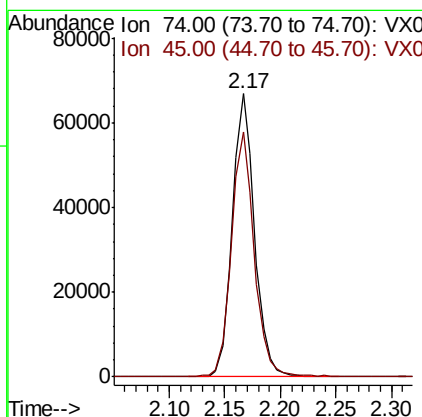
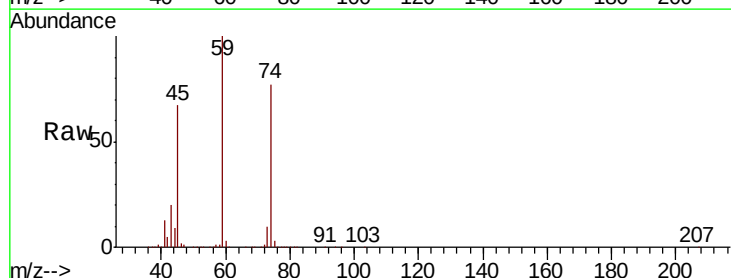
MMDadoda
11/6/2020 9:24:02 AM

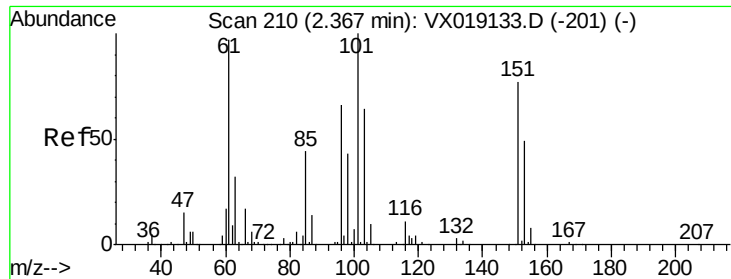


#8

Diethyl Ether
Concen: 53.163 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.3	41.0	123.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.625 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

Instrument :

MSVOA_X

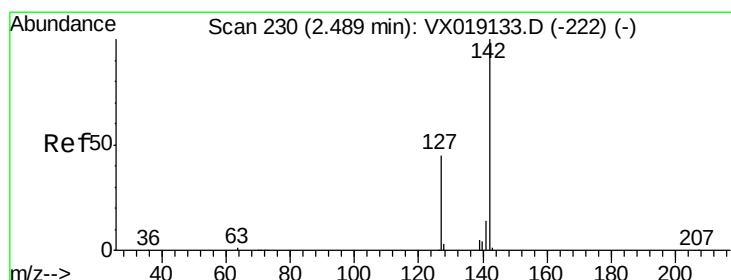
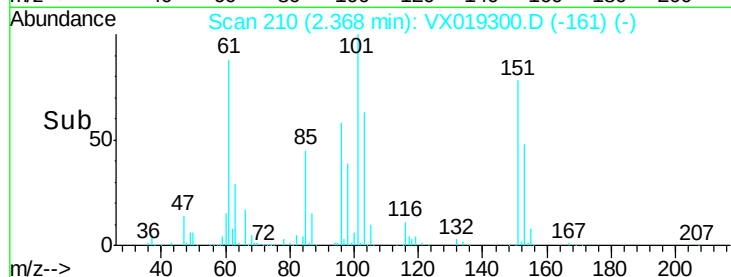
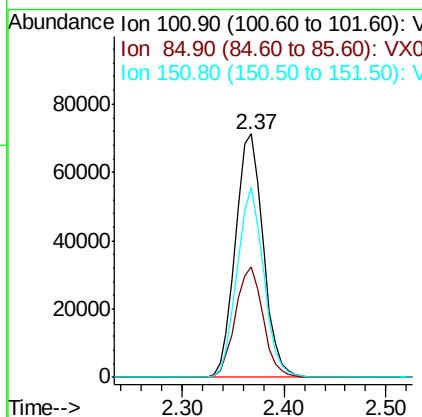
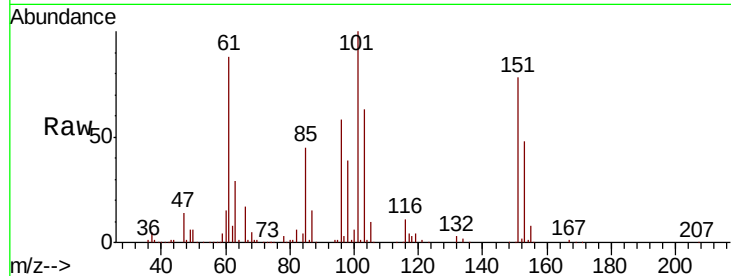
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	134458
Ion Ratio	Lower	Upper	
101	100		
85	44.9	35.0	52.4
151	74.9	61.4	92.2

Manual Integrations
APPROVED

MMDadoda
11/6/2020 9:24:02 AM



#10

Methyl Iodide

Concen: 43.307 ug/l

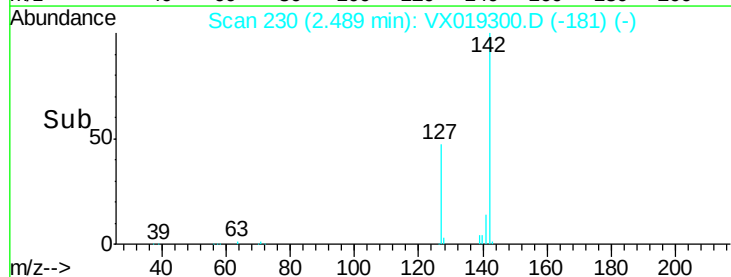
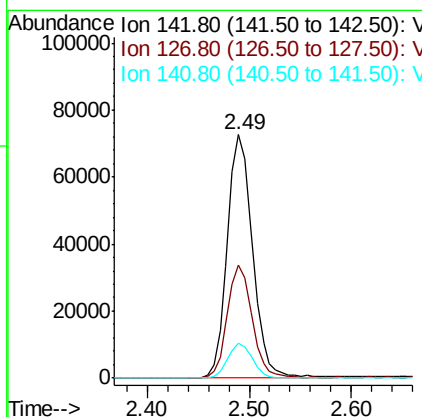
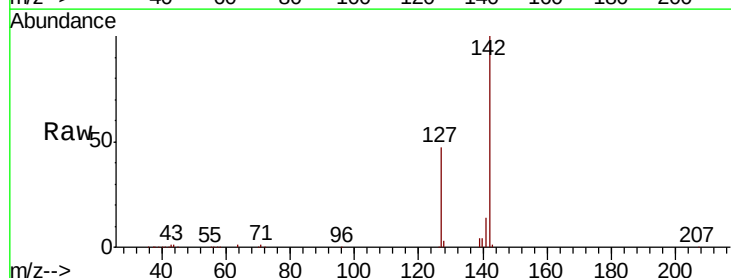
RT: 2.49 min Scan# 230

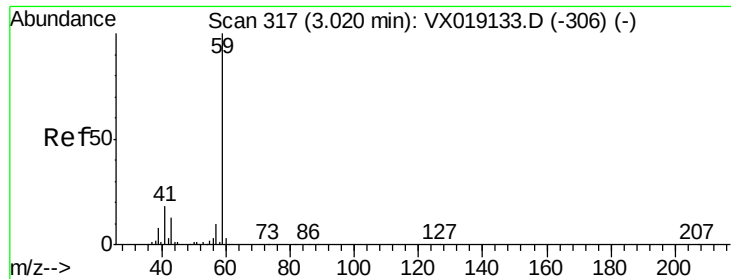
Delta R.T. 0.00 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

Tgt Ion:	142	Resp:	125272
Ion Ratio	Lower	Upper	
142	100		
127	45.3	36.1	54.1
141	14.0	11.3	16.9





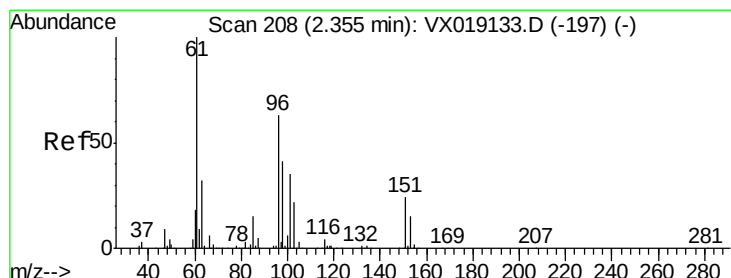
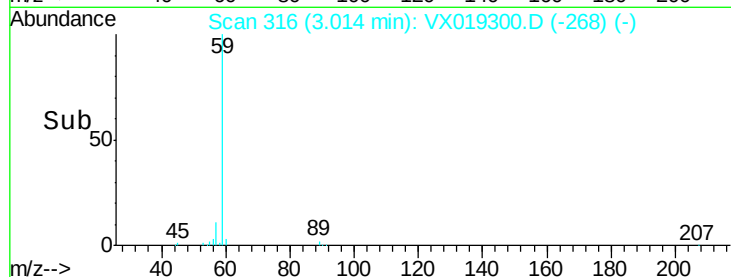
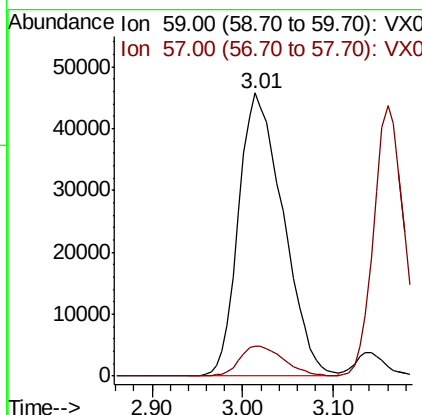
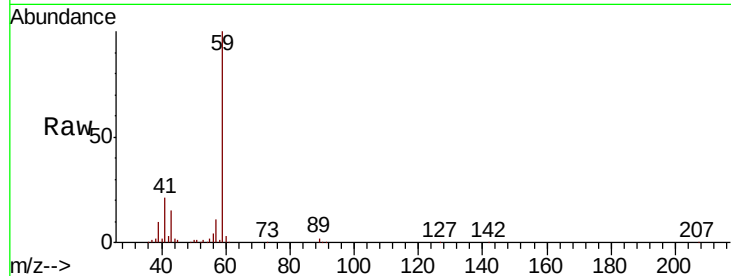
#11
Tert butyl alcohol
Concen: 229.762 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.4	12.6

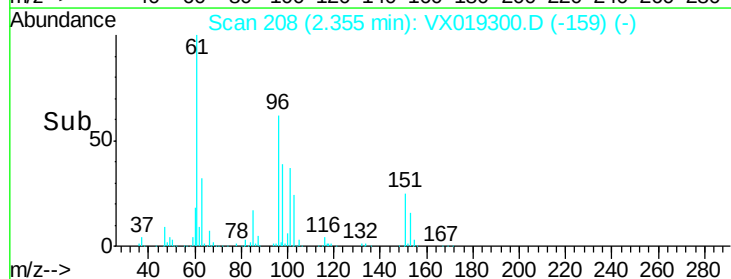
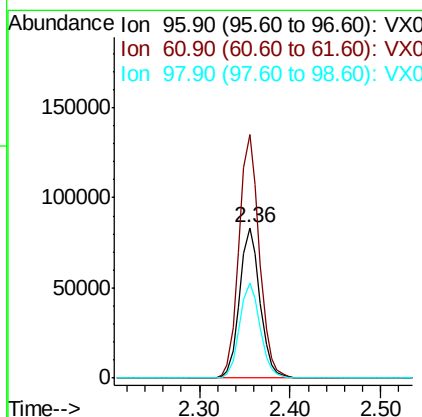
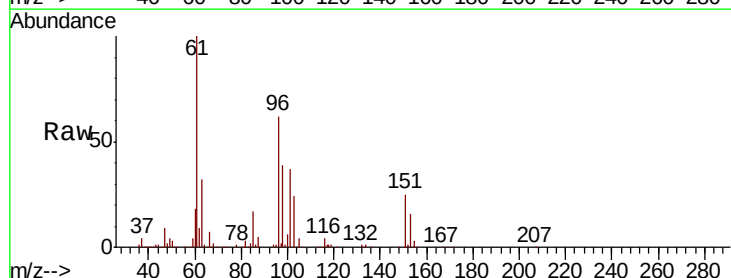
Manual Integrations
APPROVED

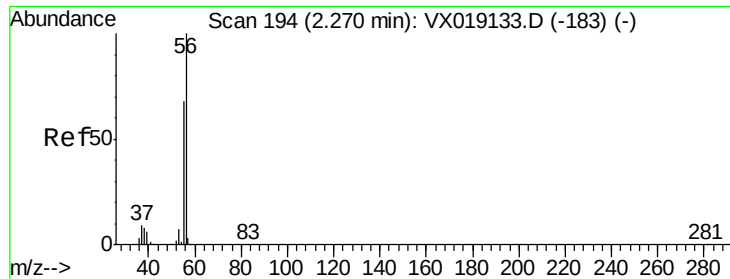
MMDadoda
11/6/2020 9:24:02 AM



#12
1,1-Dichloroethene
Concen: 50.383 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.5	127.7	191.5
98	63.0	52.1	78.1





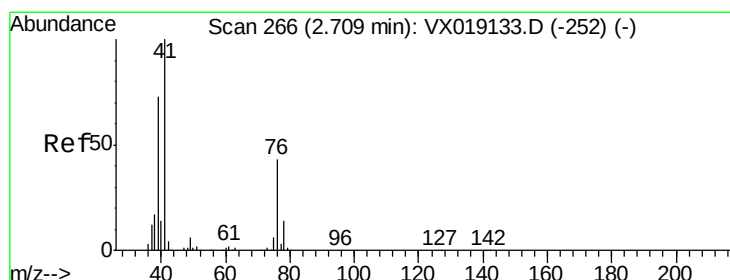
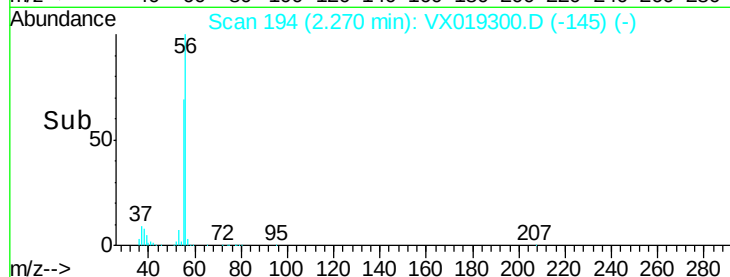
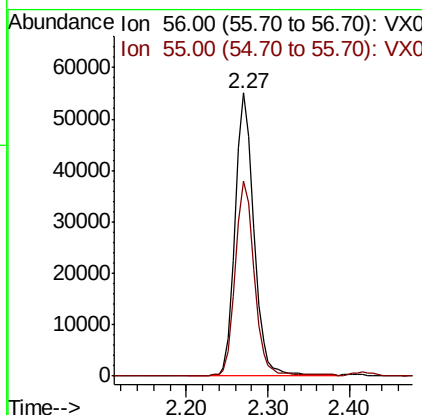
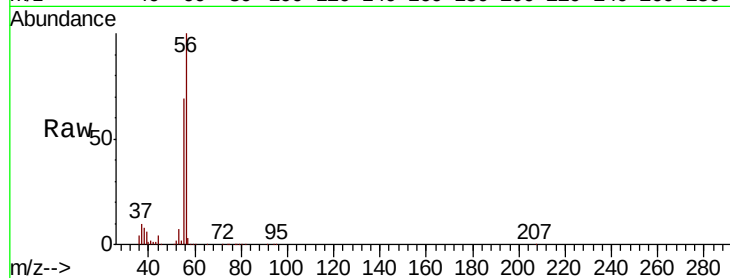
#13
Acrolein
Concen: 286.900 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	69.1	54.7	82.1

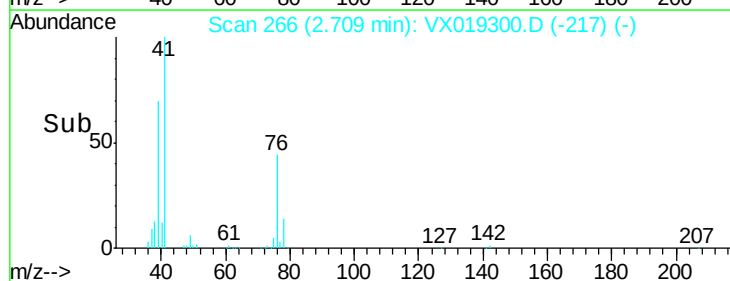
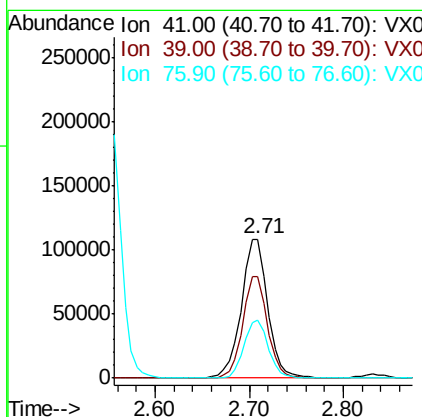
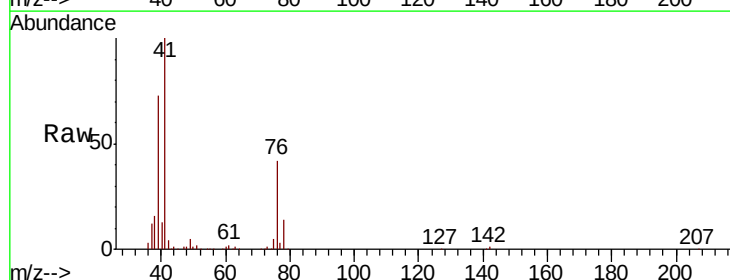
Manual Integrations
APPROVED

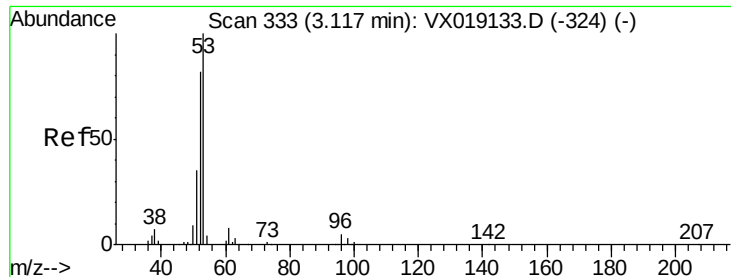
MMDadoda
11/6/2020 9:24:02 AM



#14
Allyl chloride
Concen: 53.755 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	68.2	55.2	82.8
76	76	38.5	31.5	47.3





#15

Acrylonitrile

Concen: 260.782 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

Instrument :

MSVOA_X

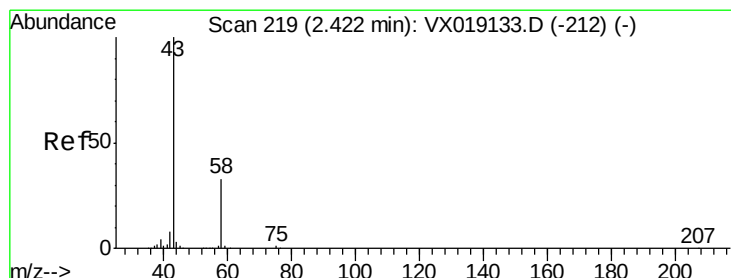
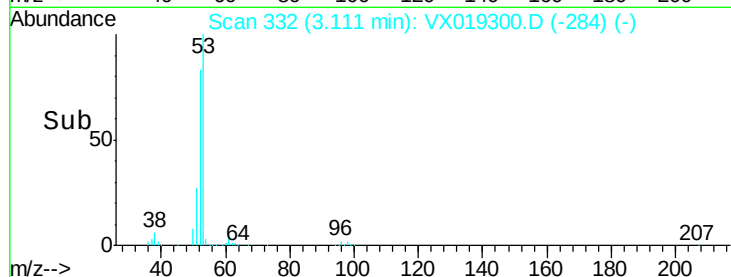
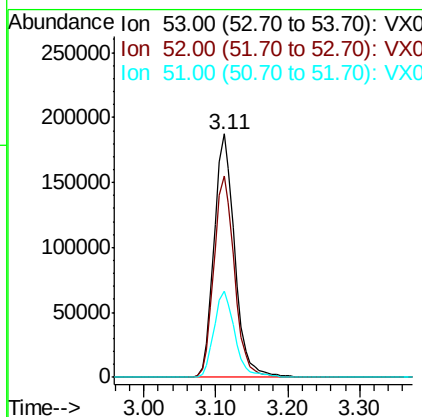
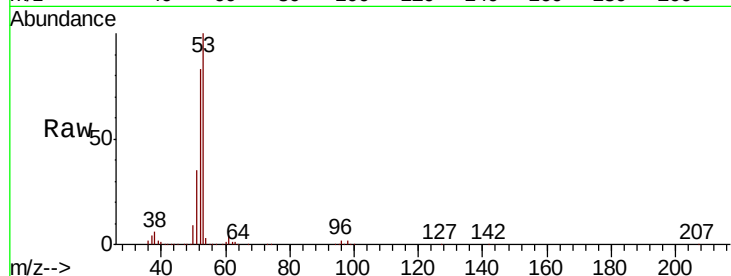
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	372108
Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.7	98.5
51	35.7	28.4	42.6

Manual Integrations
APPROVED

MMDadoda
11/6/2020 9:24:02 AM



#16

Acetone

Concen: 280.451 ug/l

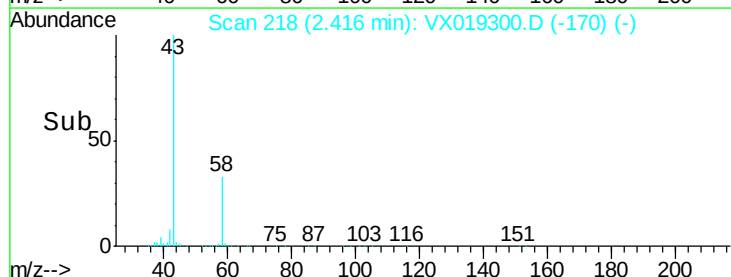
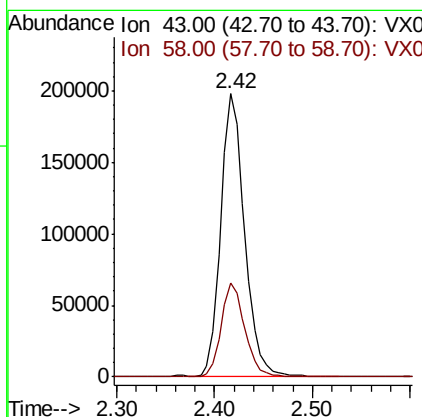
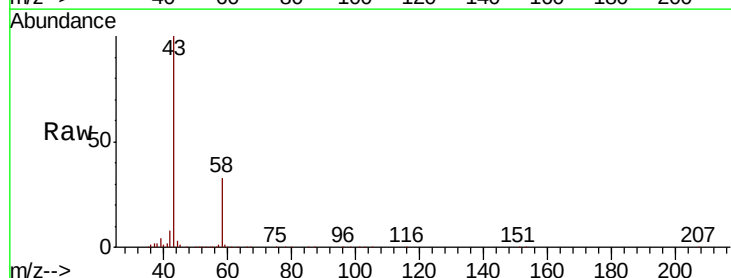
RT: 2.42 min Scan# 218

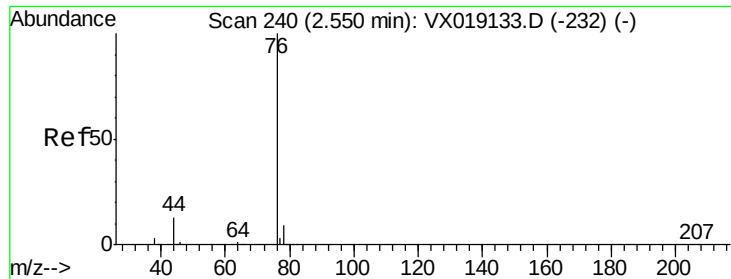
Delta R.T. -0.01 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

Tgt Ion:	43	Resp:	332620
Ion	Ratio	Lower	Upper
43	100		
58	33.0	26.3	39.5





#17

Carbon Disulfide

Concen: 48.938 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 360303

Ion Ratio Lower Upper

76 100

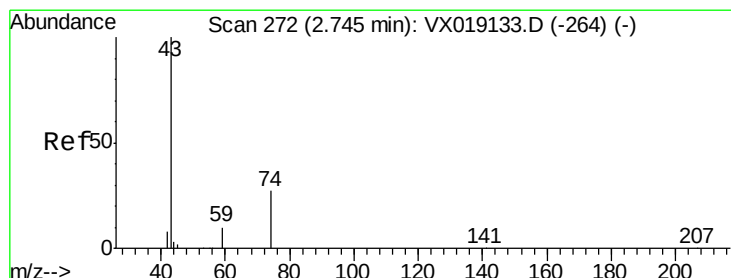
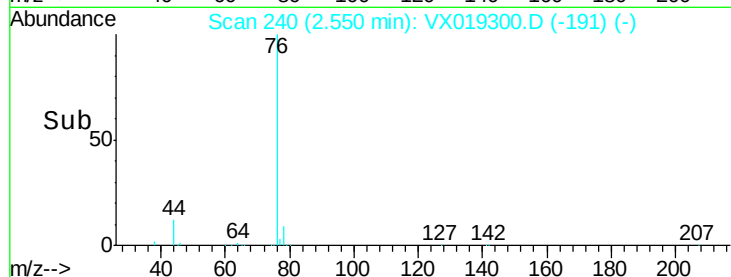
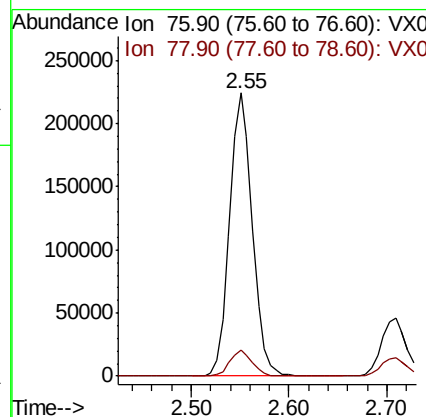
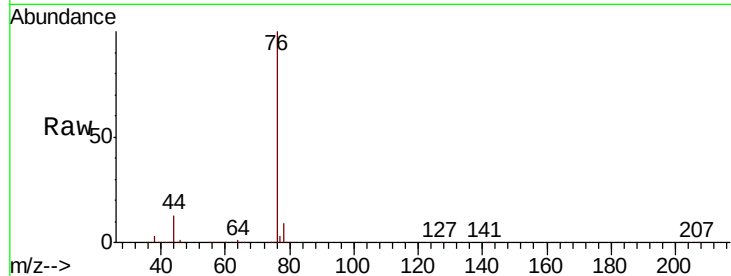
78 9.4 7.3 10.9

Manual Integrations

APPROVED

MMDadoda

11/6/2020 9:24:02 AM



#18

Methyl Acetate

Concen: 53.020 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX019300.D

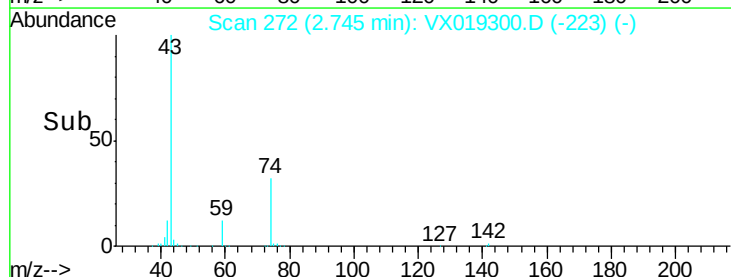
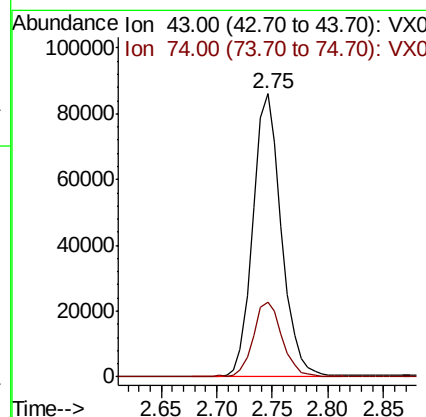
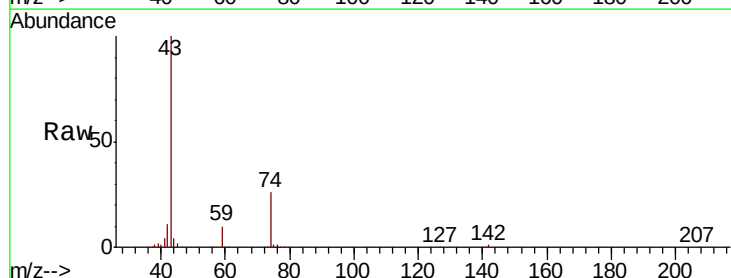
Acq: 05 Nov 2020 09:41

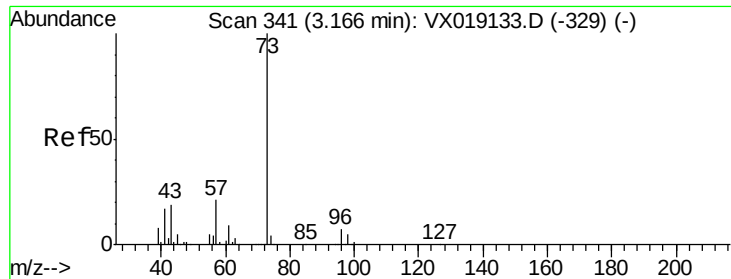
Tgt Ion: 43 Resp: 152911

Ion Ratio Lower Upper

43 100

74 27.3 22.6 33.8





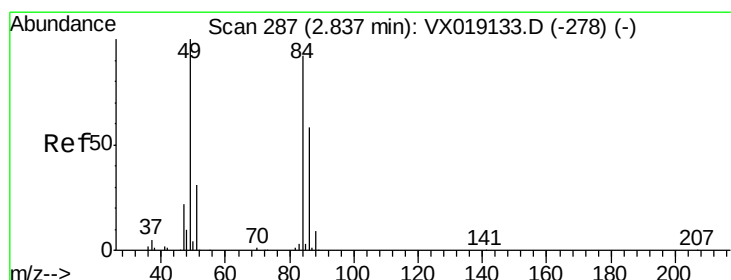
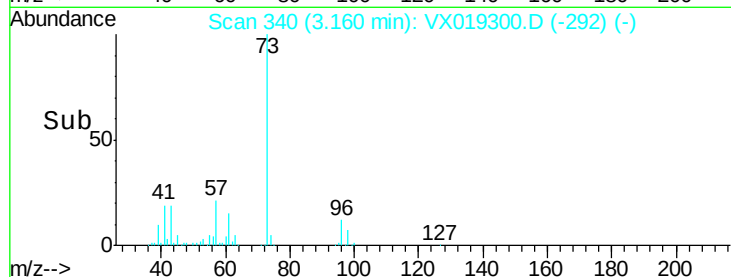
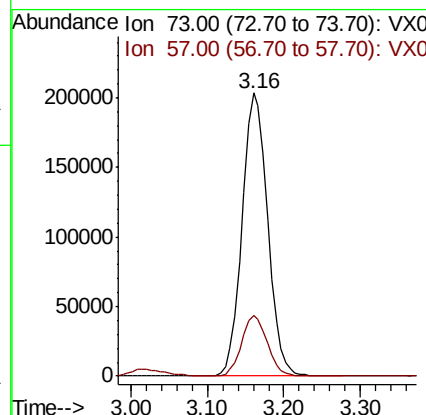
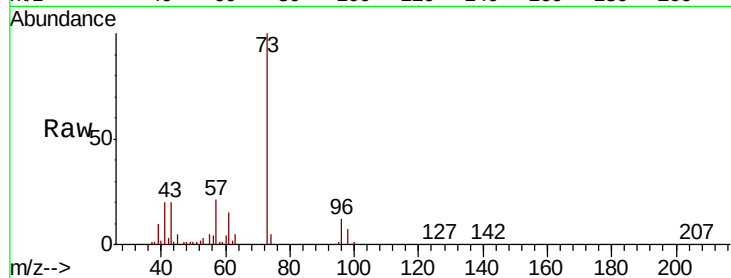
#19
Methyl tert-butyl Ether
Concen: 52.574 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.01 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 470664
Ion Ratio Lower Upper
73 100
57 21.4 16.6 25.0

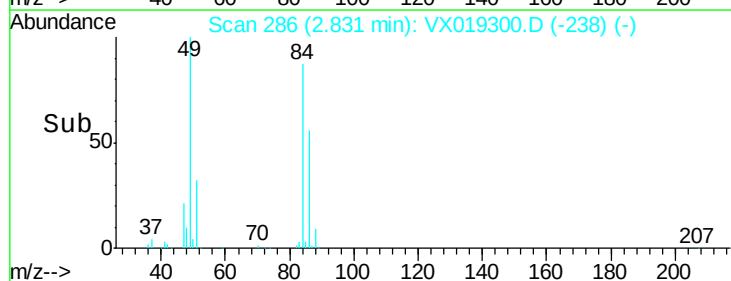
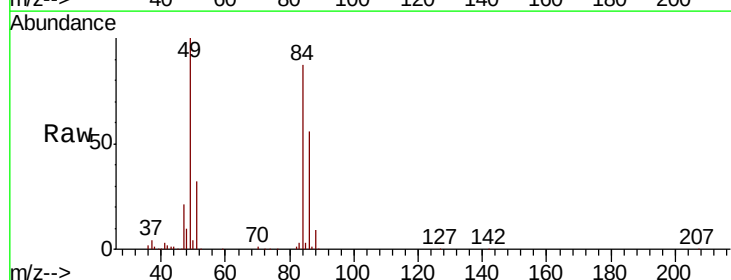
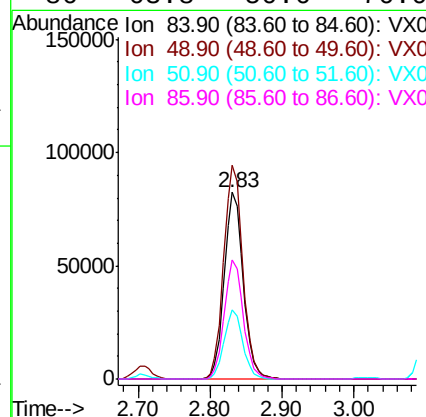
Manual Integrations
APPROVED

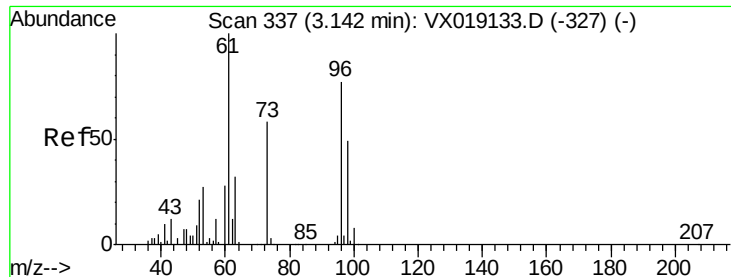
MMDadoda
11/6/2020 9:24:02 AM



#20
Methylene Chloride
Concen: 50.636 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Tgt Ion: 84 Resp: 150770
Ion Ratio Lower Upper
84 100
49 114.6 86.8 130.2
51 36.8 27.3 40.9
86 63.8 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 50.304 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

Instrument :

MSVOA_X

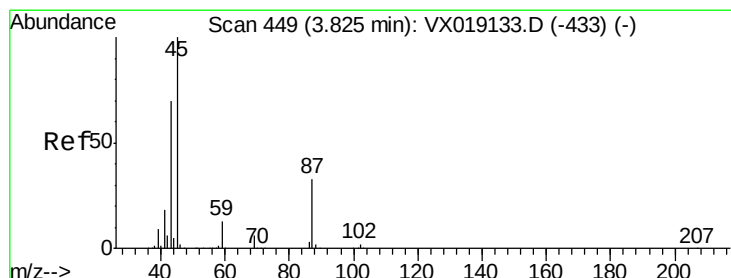
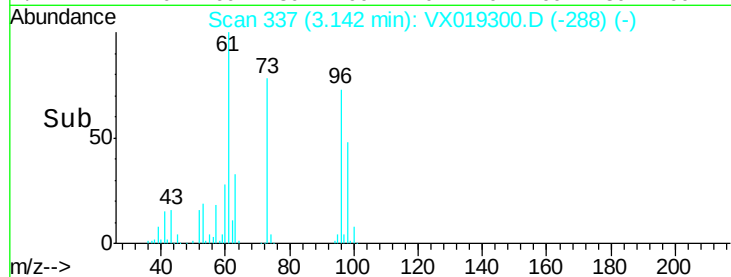
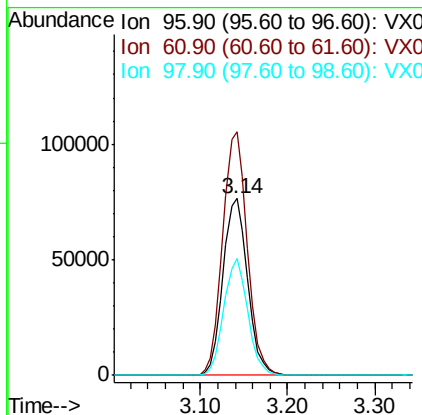
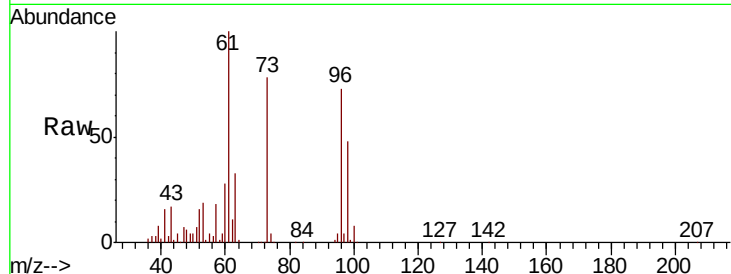
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	149586
Ion	Ratio	Lower	Upper
96	100		
61	137.9	104.2	156.4
98	65.9	51.3	76.9

Manual Integrations
APPROVED

MMDadoda
11/6/2020 9:24:02 AM



#22

Diisopropyl ether

Concen: 56.097 ug/l

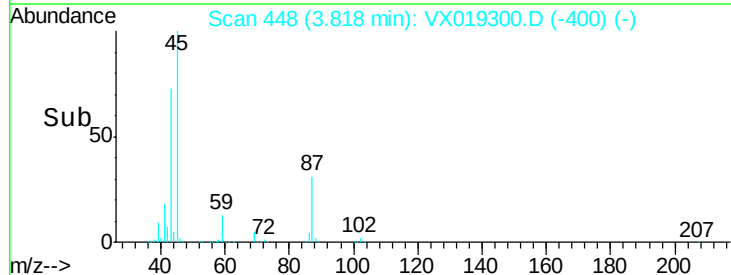
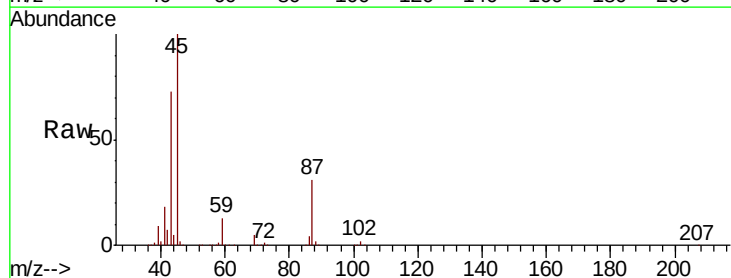
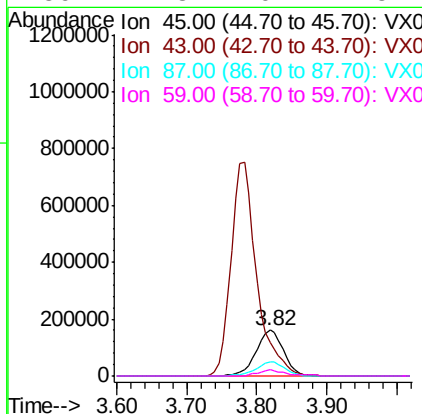
RT: 3.82 min Scan# 448

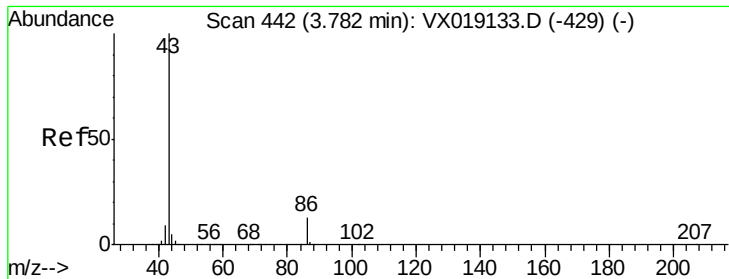
Delta R.T. -0.01 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

Tgt Ion:	45	Resp:	437664
Ion	Ratio	Lower	Upper
45	100		
43	73.4	56.2	84.4
87	30.8	26.2	39.2
59	12.8	10.1	15.1





#23

Vinyl Acetate

Concen: 276.373 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1922856

Ion Ratio Lower Upper

43 100

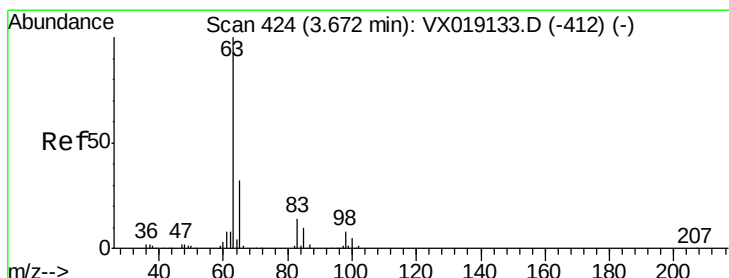
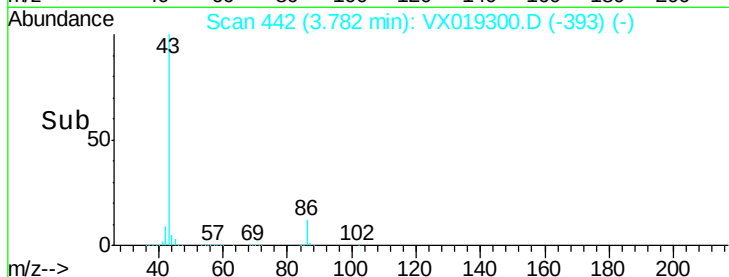
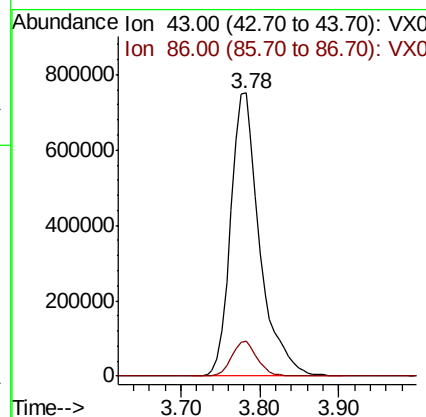
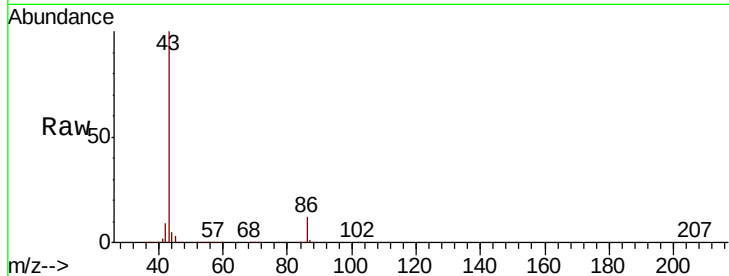
86 12.2 10.4 15.6

Manual Integrations

APPROVED

MMDadoda

11/6/2020 9:24:02 AM



#24

1,1-Dichloroethane

Concen: 54.393 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

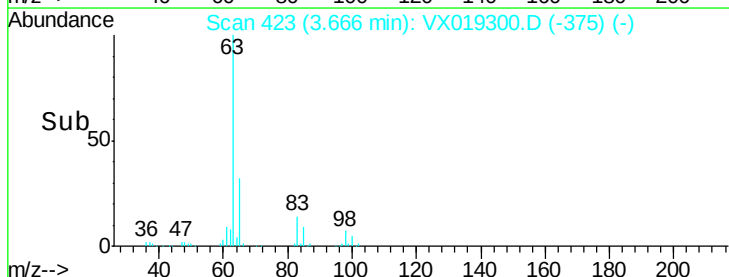
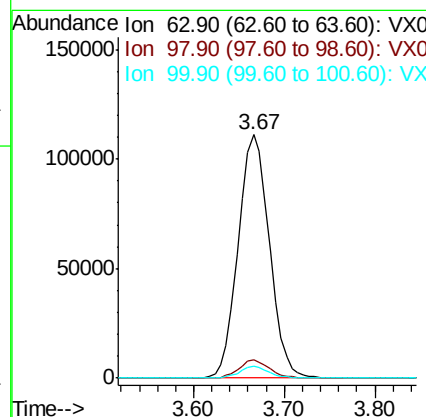
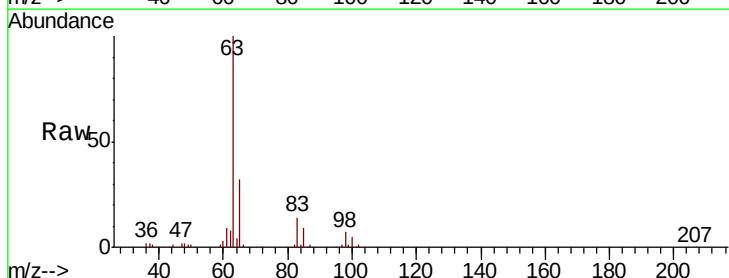
Tgt Ion: 63 Resp: 264964

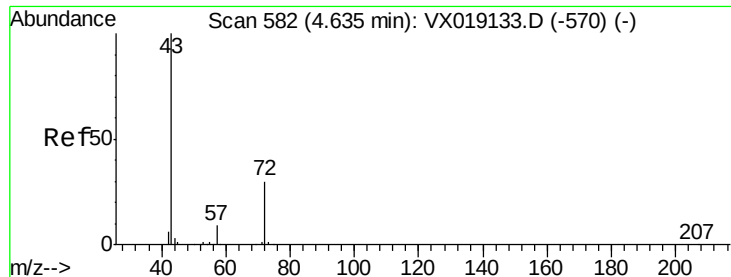
Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.4

100 4.6 2.4 7.2





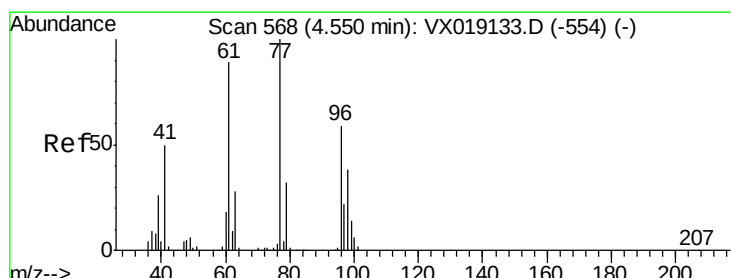
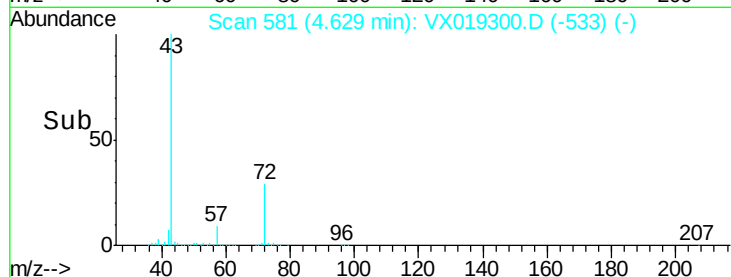
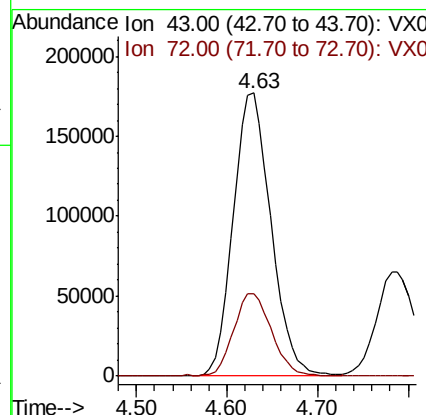
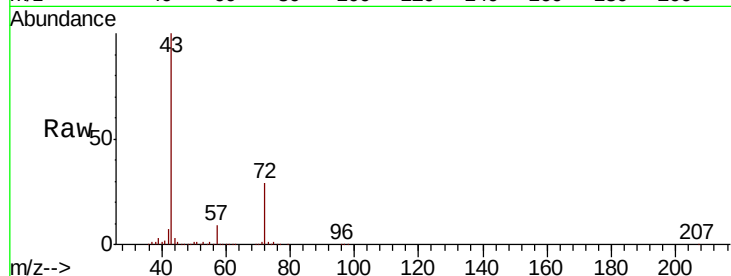
#25
2-Butanone
Concen: 272.210 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
72	29.0	24.6	36.8

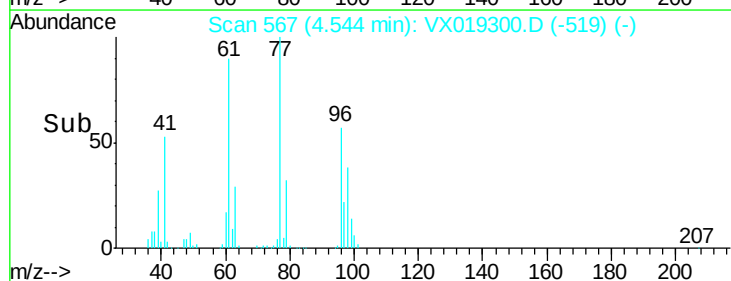
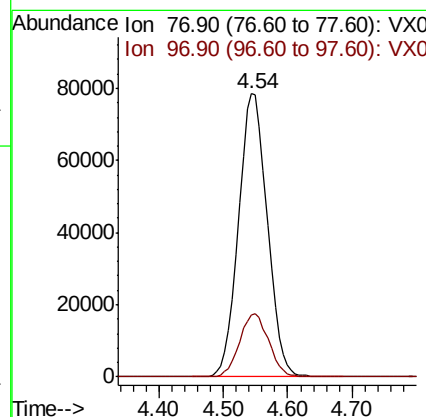
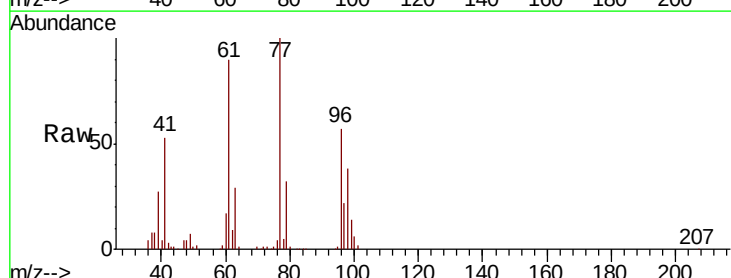
Manual Integrations
APPROVED

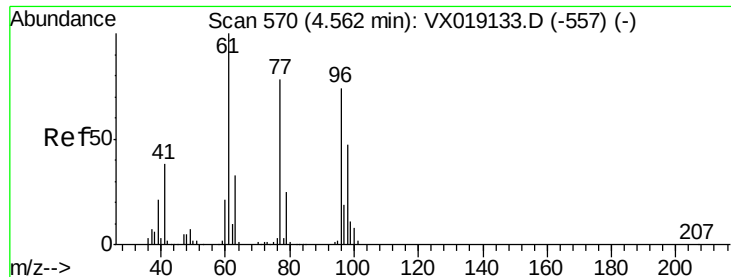
MMDadoda
11/6/2020 9:24:02 AM



#26
2,2-Dichloropropane
Concen: 53.104 ug/l
RT: 4.54 min Scan# 567
Delta R.T. -0.01 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Tgt Ion	Ratio	Lower	Upper
77	100		
97	22.5	11.4	34.1





#27

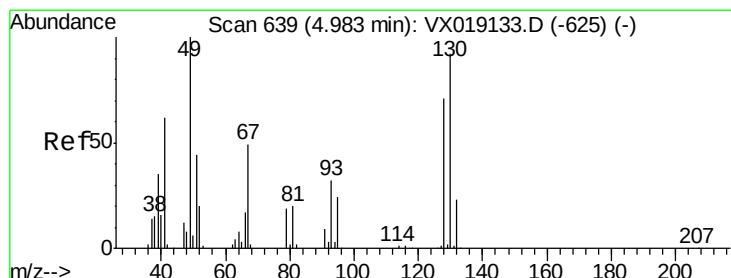
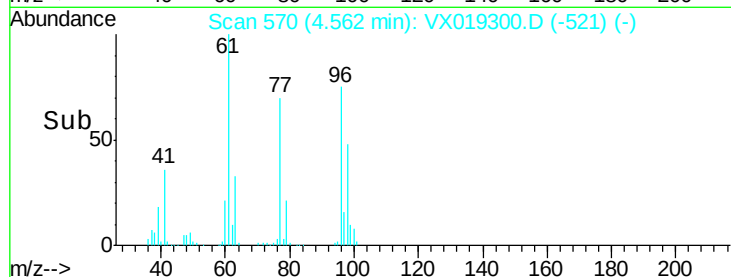
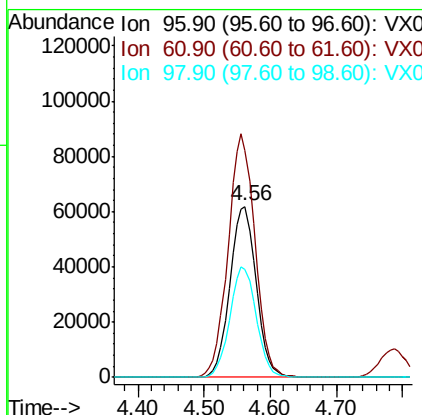
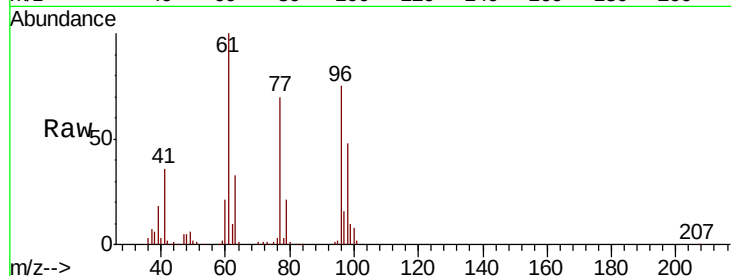
cis-1,2-Dichloroethene
Concen: 51.398 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	145.6	0.0	278.8	
98	64.9	0.0	130.2	

Manual Integrations
APPROVED

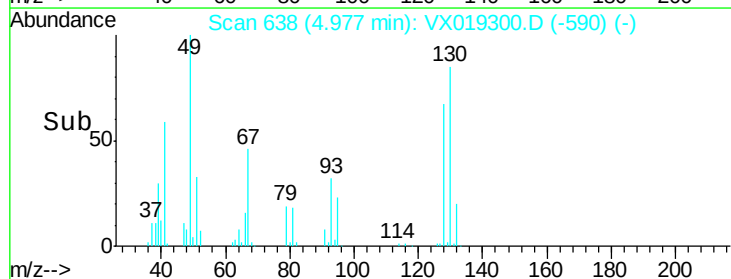
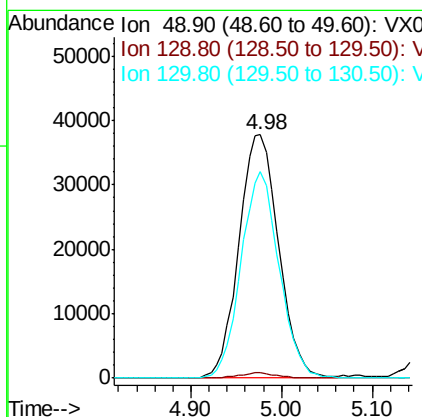
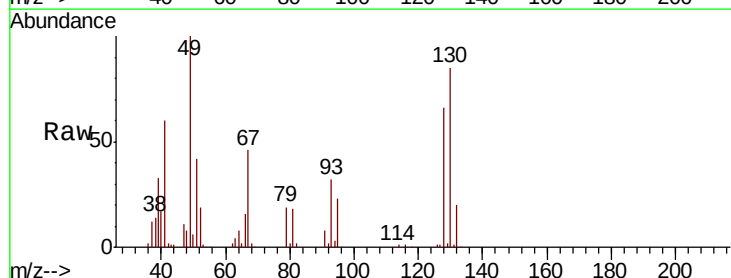
MMDadoda
11/6/2020 9:24:02 AM

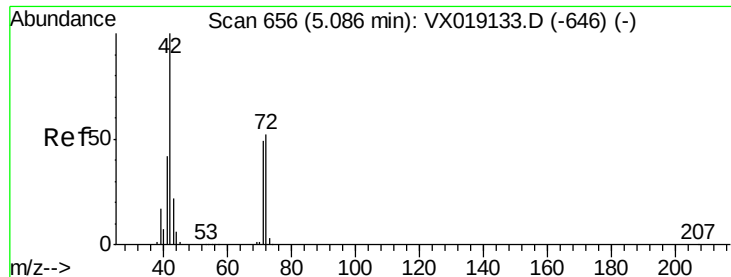


#28

Bromochloromethane
Concen: 51.775 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.0	0.0	4.4	
130	81.4	71.3	106.9	





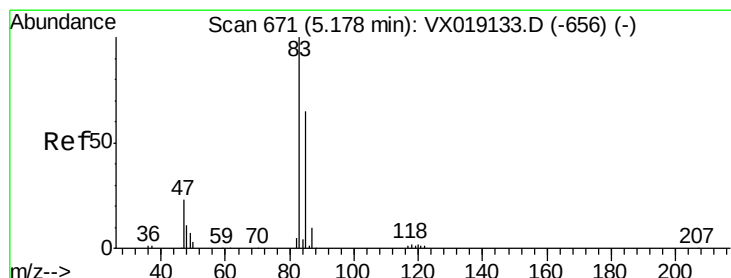
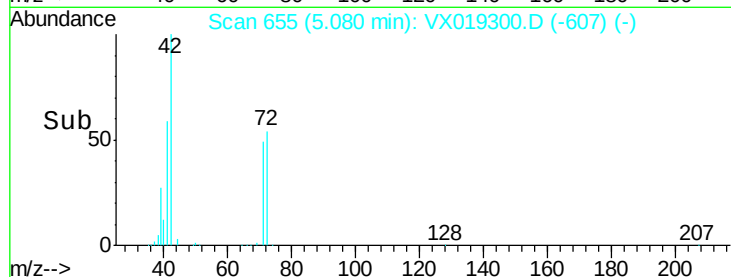
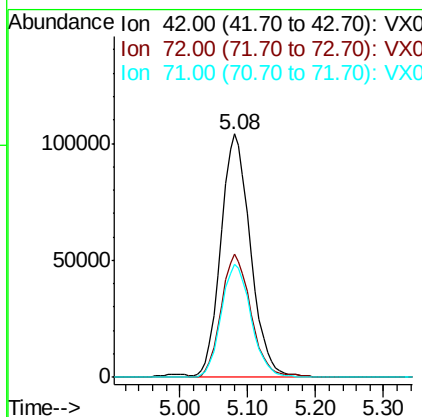
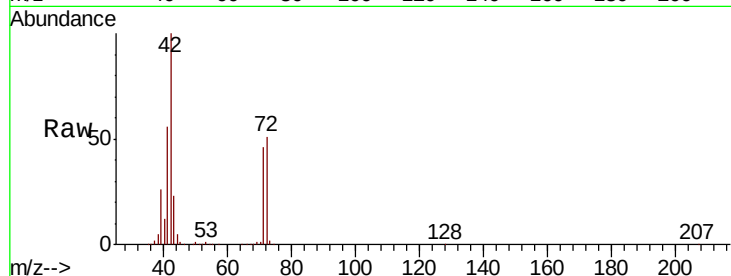
#29
Tetrahydrofuran
Concen: 265.736 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.4	42.6	63.8
71	47.1	39.7	59.5

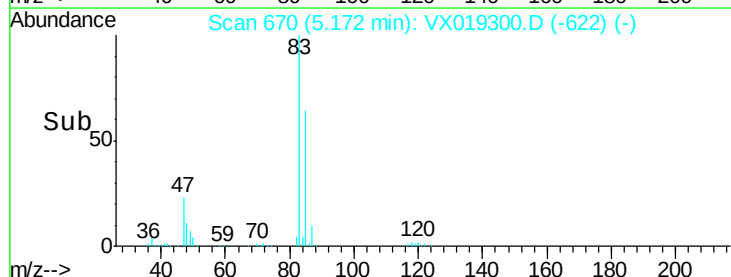
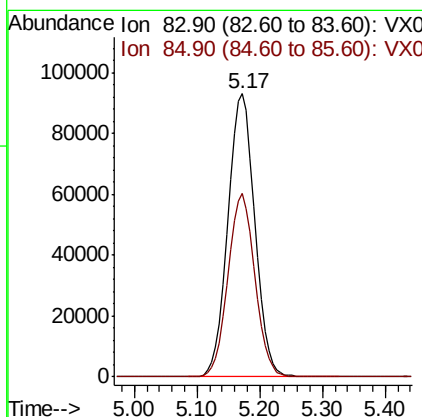
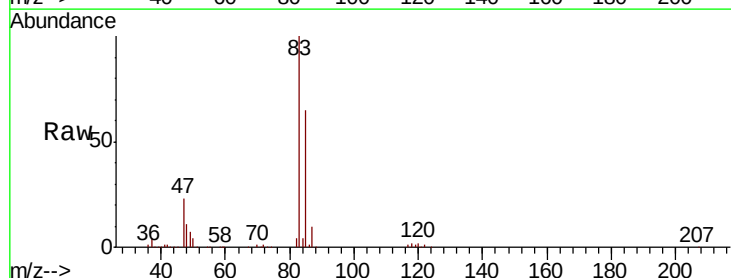
Manual Integrations
APPROVED

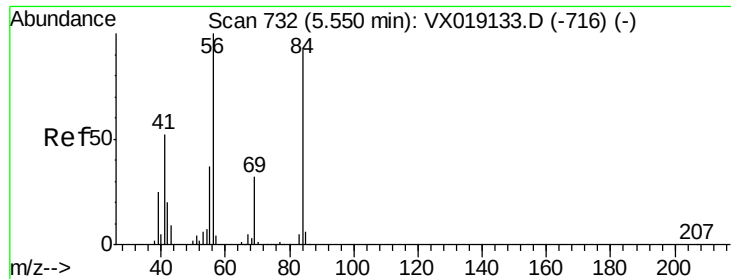
MMDadoda
11/6/2020 9:24:02 AM



#30
Chloroform
Concen: 53.327 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.9	77.9





#31

Cyclohexane

Concen: 53.518 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

Instrument :

MSVOA_X

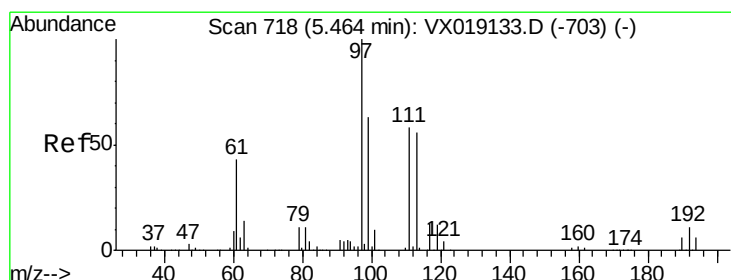
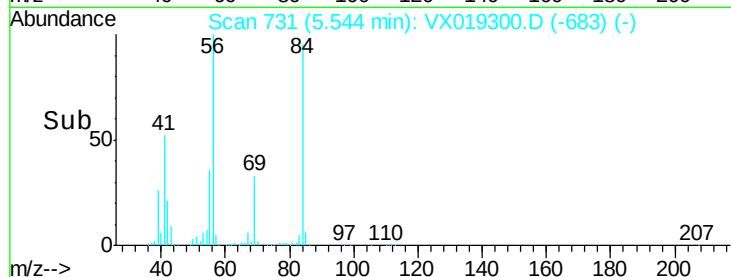
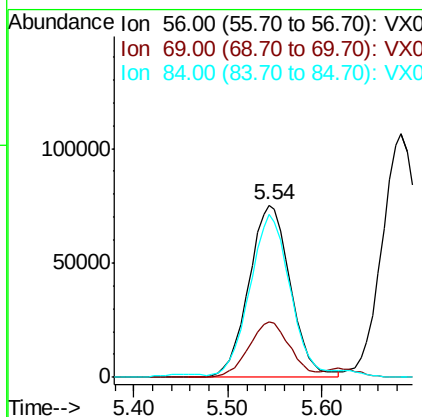
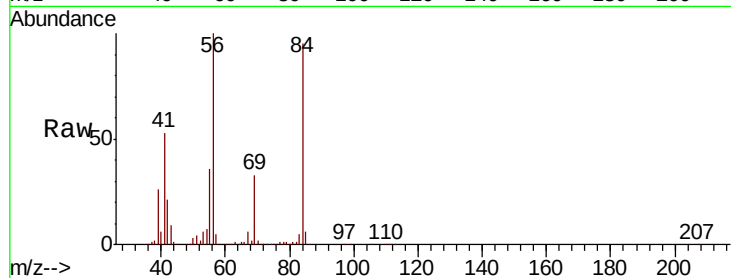
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.5	25.9	38.9
84	93.0	73.4	110.2

Manual Integrations
APPROVED

MMDadoda
11/6/2020 9:24:02 AM



#32

1,1,1-Trichloroethane

Concen: 52.837 ug/l

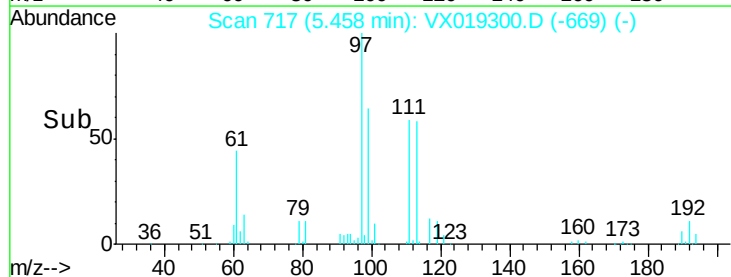
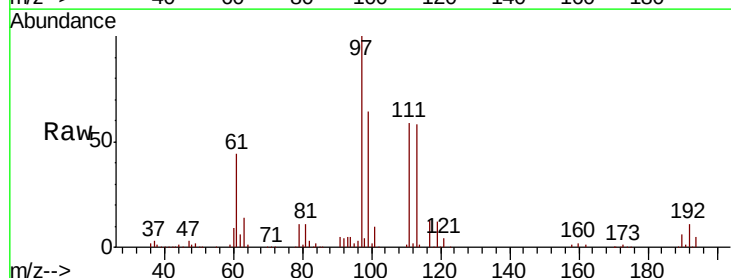
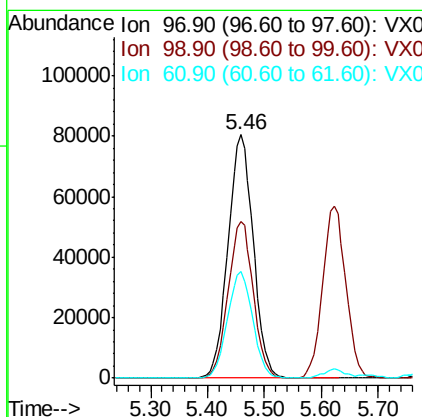
RT: 5.46 min Scan# 717

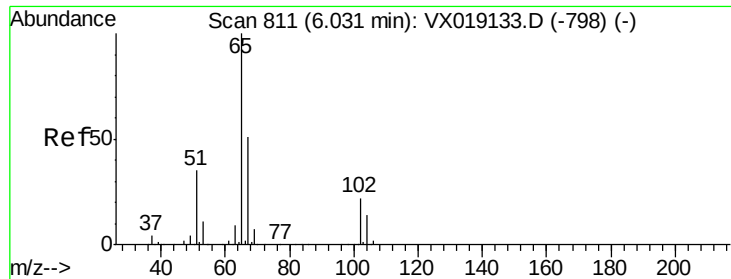
Delta R.T. -0.01 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.7	77.5
61	43.9	34.2	51.2





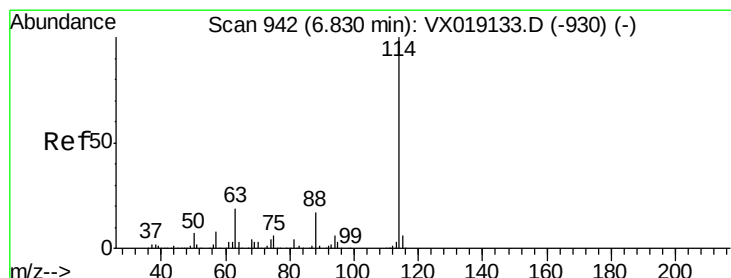
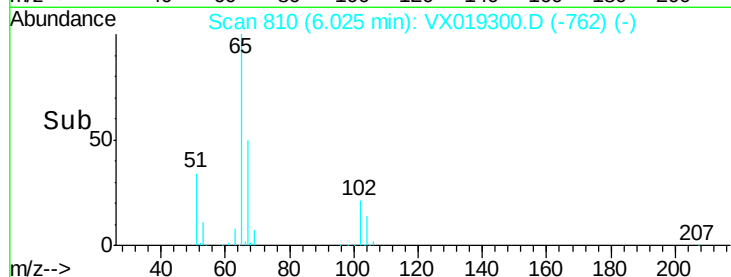
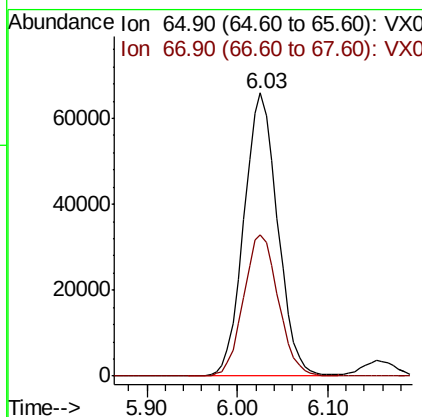
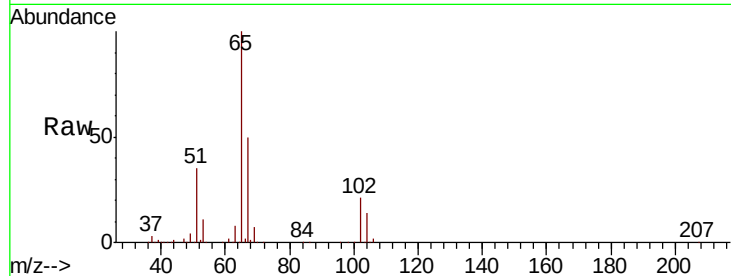
#33
 1,2-Dichloroethane-d4
 Concen: 49.236 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX019300.D
 Acq: 05 Nov 2020 09:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	103.0

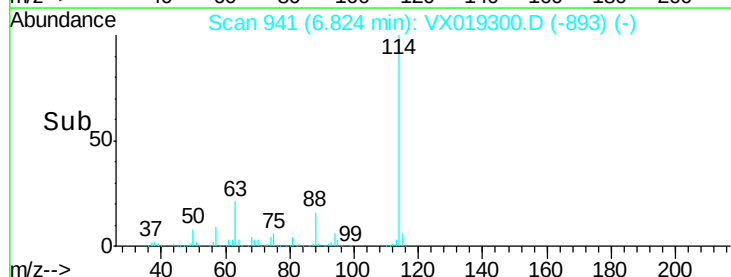
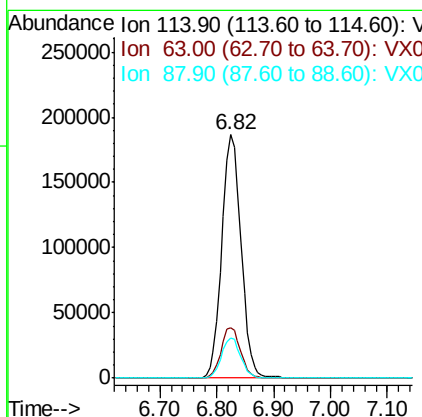
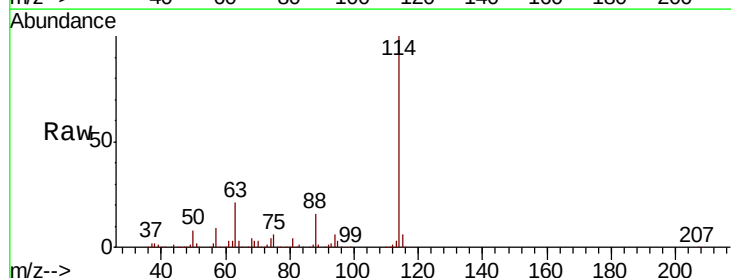
Manual Integrations
 APPROVED

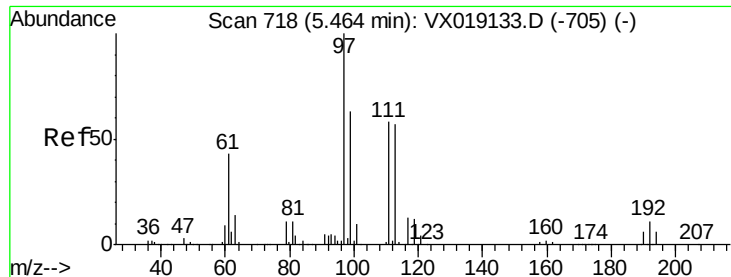
MMDadoda
 11/6/2020 9:24:02 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: VX019300.D
 Acq: 05 Nov 2020 09:41

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	38.8
88	16.4	0.0	34.2





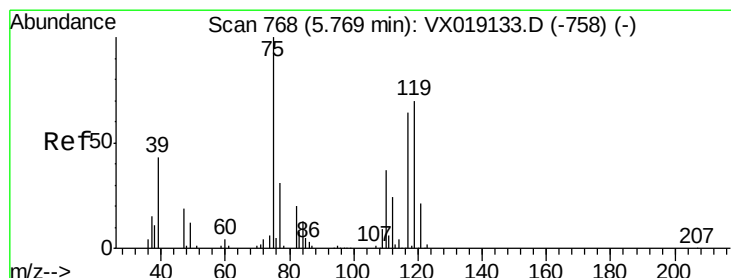
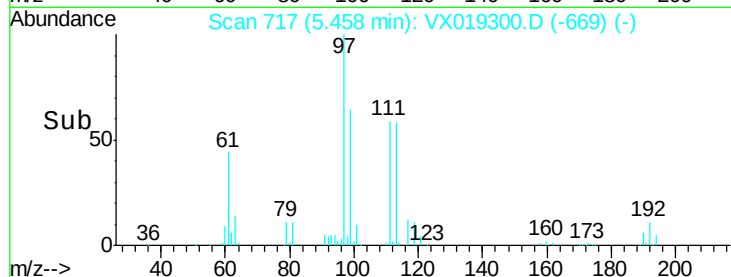
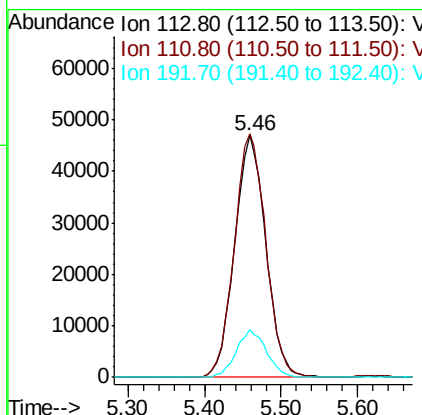
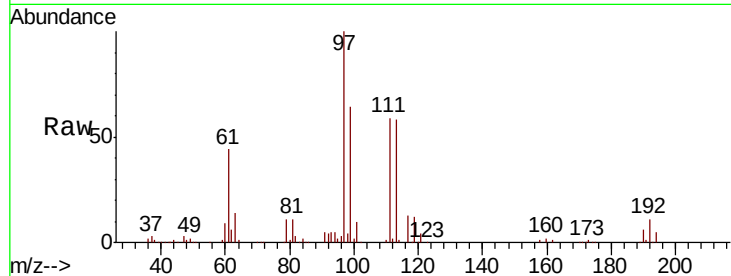
#35
 Dibromofluoromethane
 Concen: 47.958 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX019300.D
 Acq: 05 Nov 2020 09:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	132812		
111	101.7	82.3	123.5	
192	18.9	16.2	24.2	

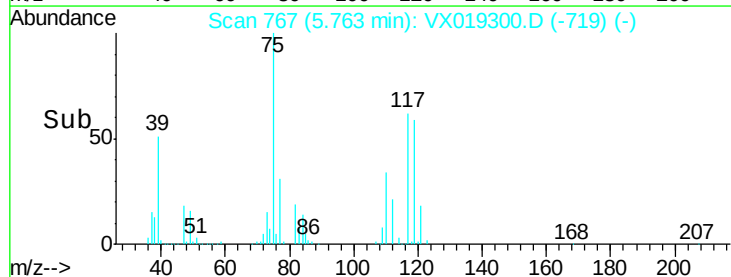
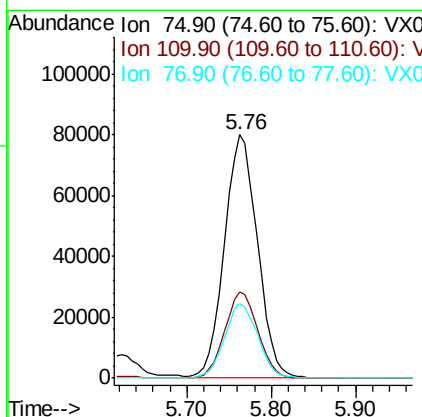
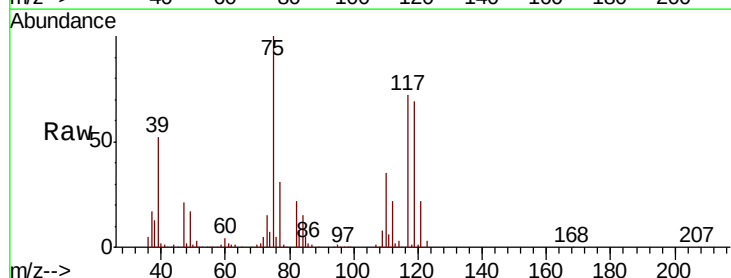
Manual Integrations
 APPROVED

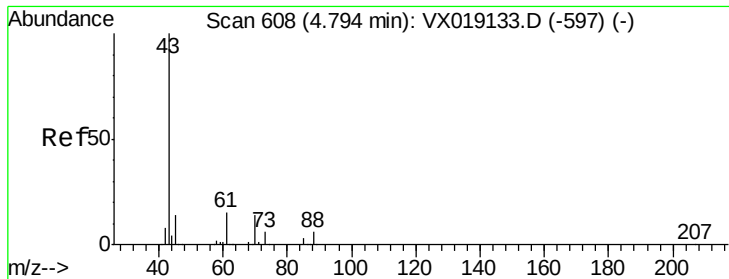
MMDadoda
 11/6/2020 9:24:02 AM



#36
 1,1-Dichloropropene
 Concen: 52.327 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX019300.D
 Acq: 05 Nov 2020 09:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	213034		
110	35.4	18.3	54.9	
77	30.6	24.9	37.3	





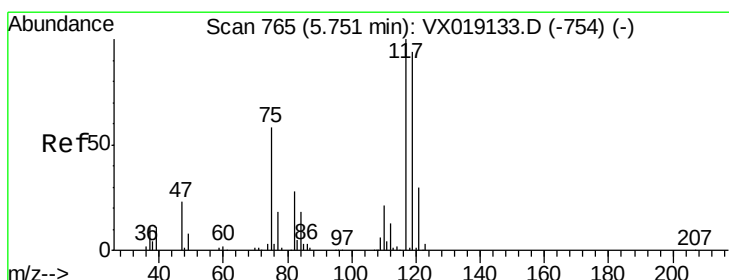
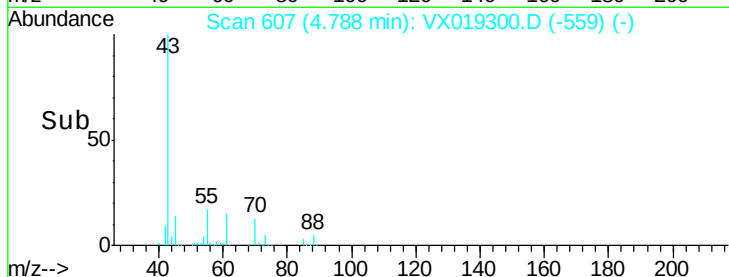
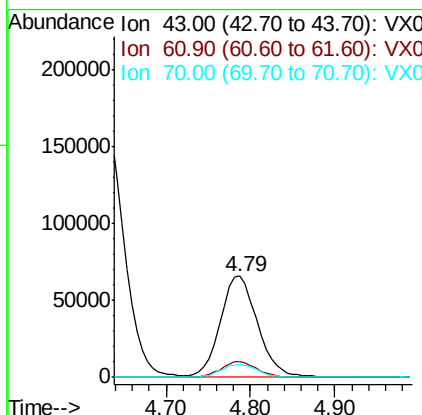
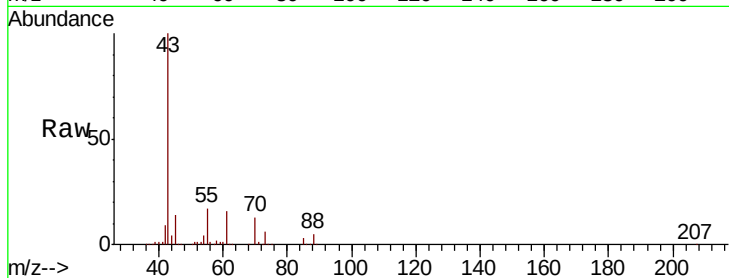
#37
Ethyl Acetate
Concen: 51.568 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	194927
Ion Ratio	Lower	Upper	
43	100		
61	15.2	12.5	18.7
70	12.9	10.5	15.7

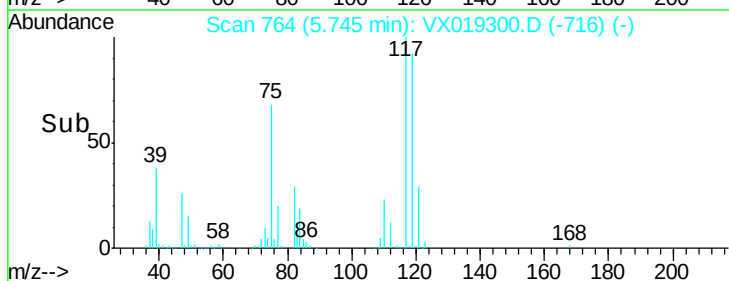
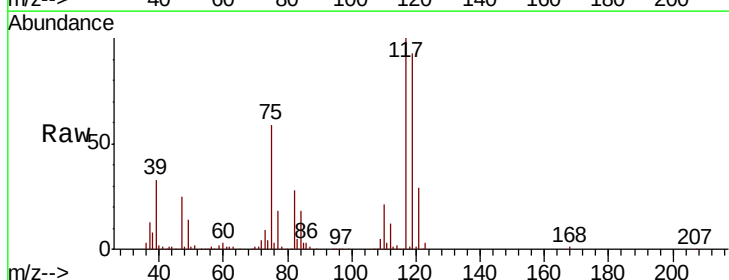
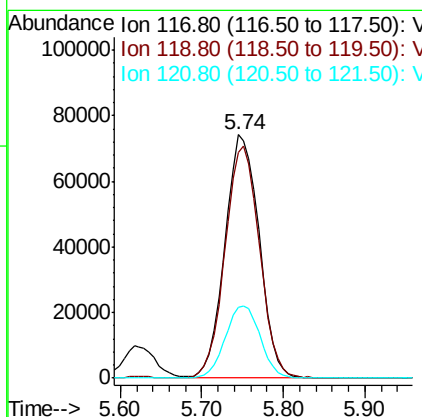
Manual Integrations
APPROVED

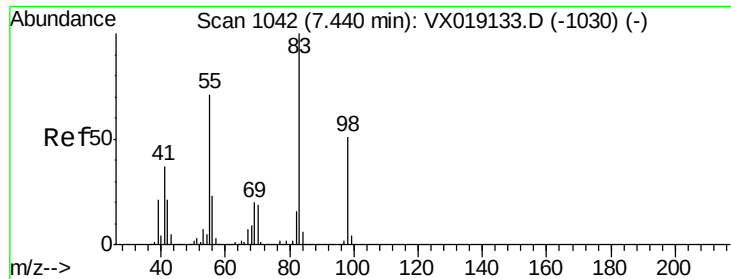
MMDadoda
11/6/2020 9:24:02 AM



#38
Carbon Tetrachloride
Concen: 52.007 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Tgt Ion	117	Resp	215817
Ion Ratio	Lower	Upper	
117	100		
119	92.6	75.0	112.6
121	29.2	23.9	35.9





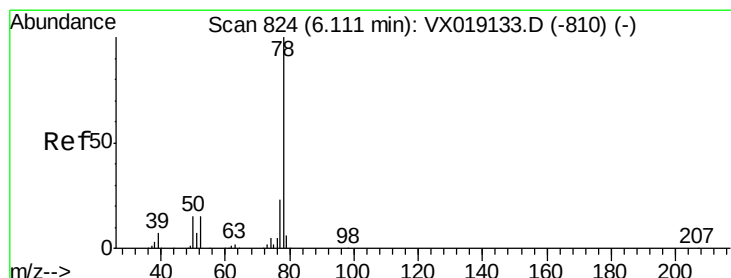
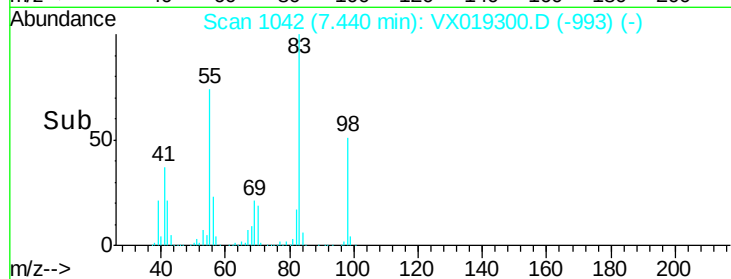
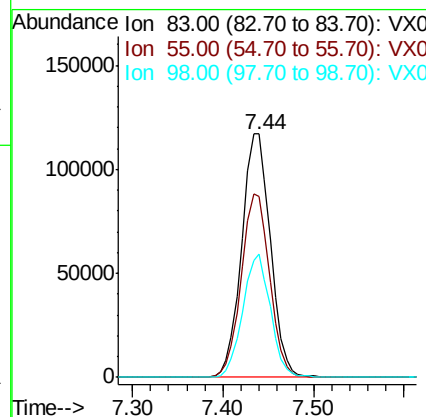
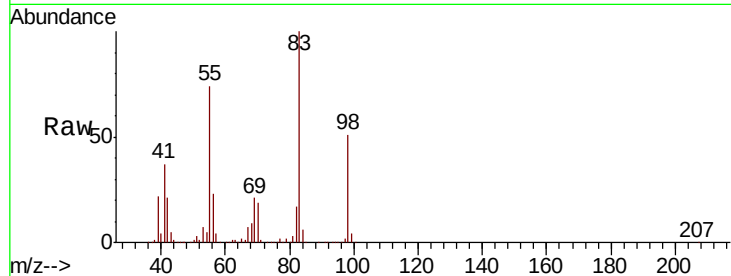
#39
Methylvlcyclohexane
Concen: 52.988 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.1	57.0	85.6
98	50.6	40.5	60.7

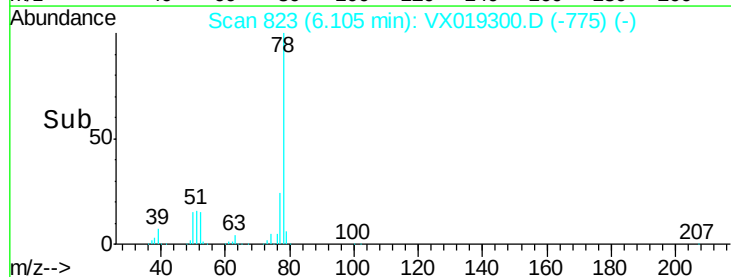
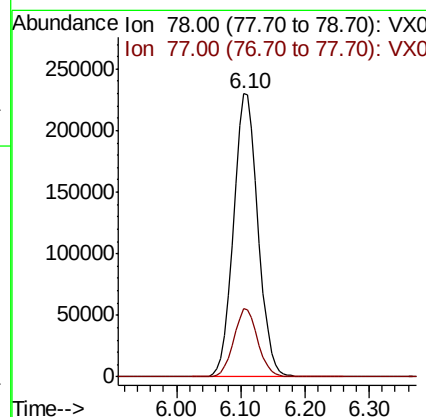
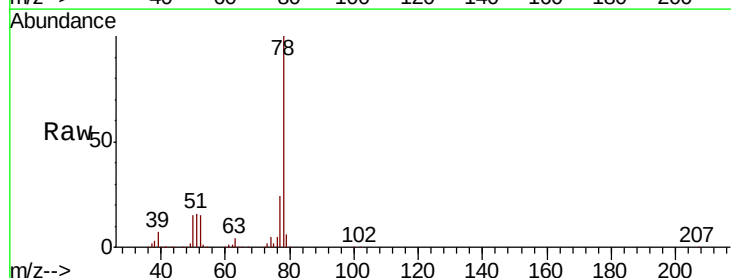
Manual Integrations
APPROVED

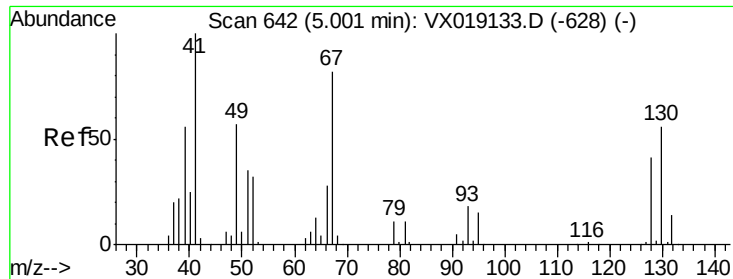
MMDadoda
11/6/2020 9:24:02 AM



#40
Benzene
Concen: 53.011 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.7	28.1





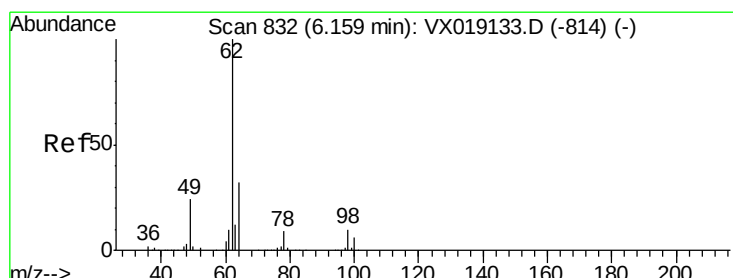
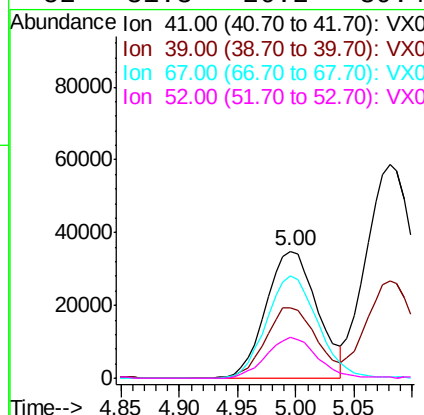
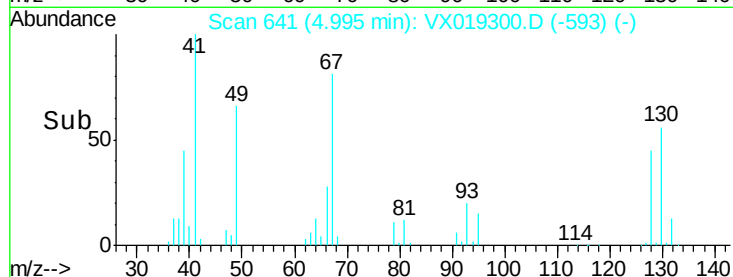
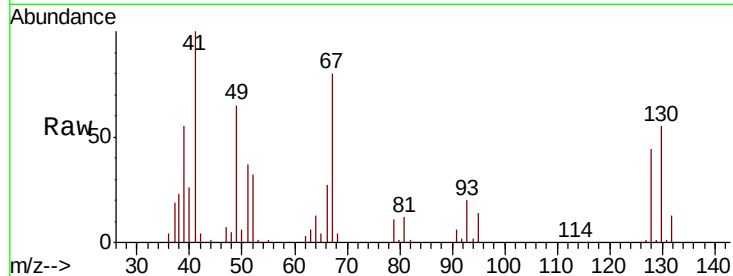
#41
Methacrylonitrile
Concen: 52.626 ug/l
RT: 5.00 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.9	44.4	66.6	
67	80.4	66.4	99.6	
52	31.3	26.2	39.4	

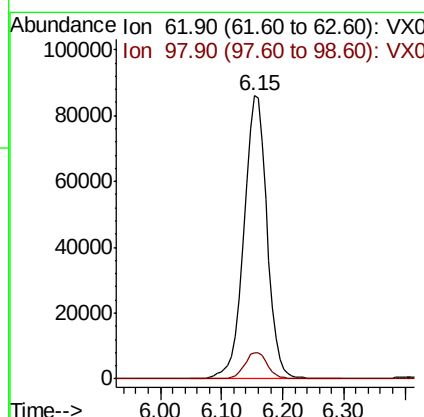
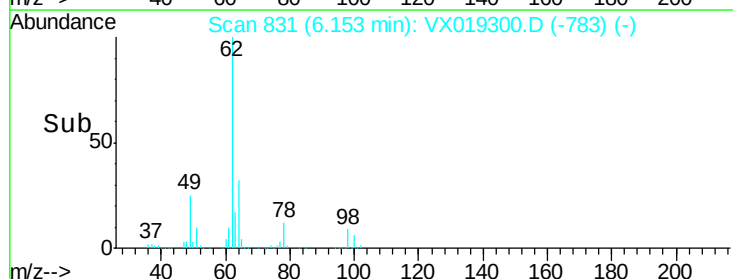
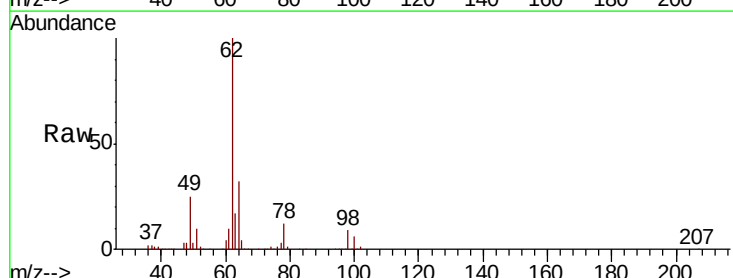
Manual Integrations
APPROVED

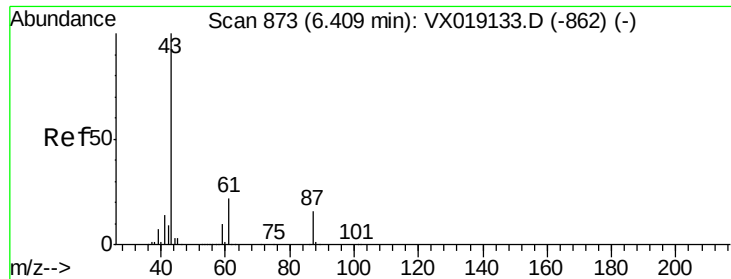
MMDadoda
11/6/2020 9:24:02 AM



#42
1,2-Dichloroethane
Concen: 52.959 ug/l
RT: 6.15 min Scan# 831
Delta R.T. -0.01 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.3	0.0	19.0	





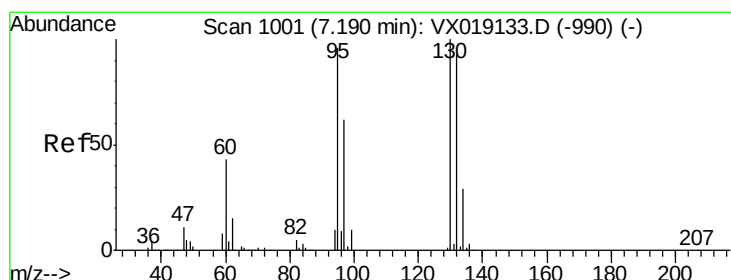
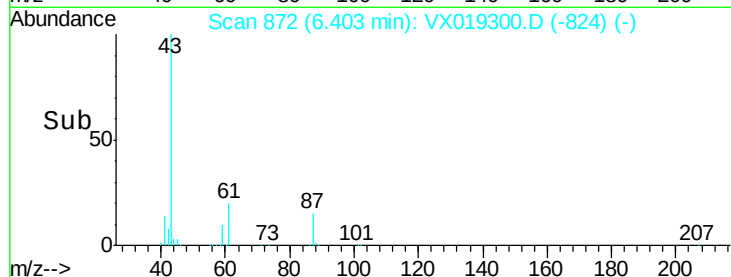
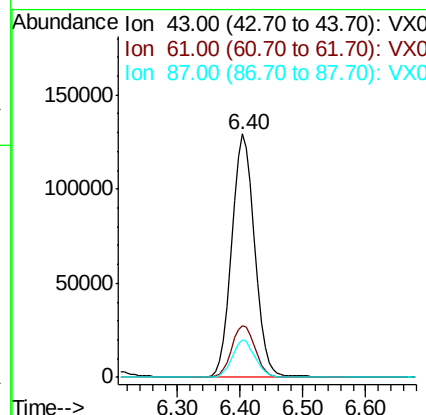
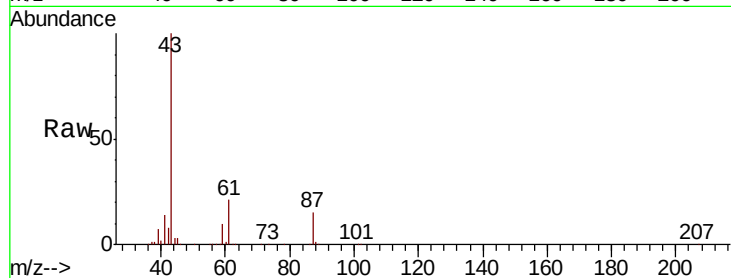
#43
Isopropyl Acetate
Concen: 51.555 ug/l
RT: 6.40 min Scan# 872
Delta R.T. -0.01 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.9	17.8	26.6
87	15.0	12.6	19.0

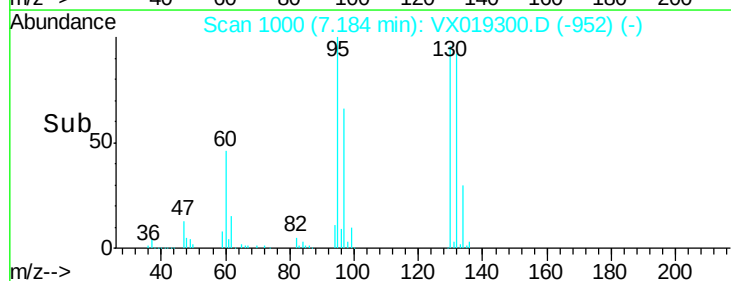
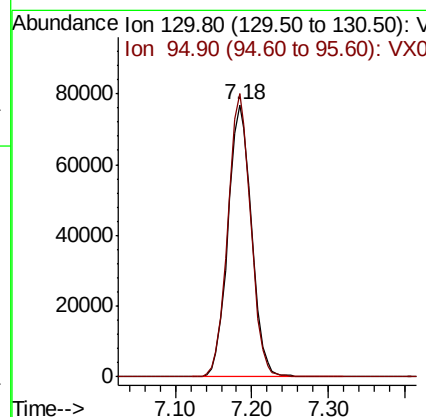
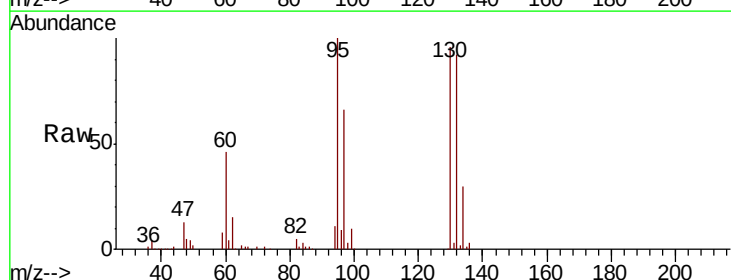
Manual Integrations
APPROVED

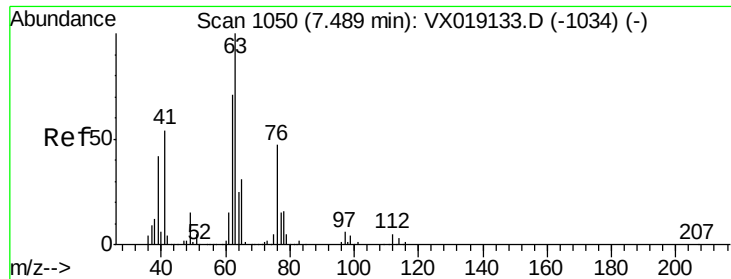
MMDadoda
11/6/2020 9:24:02 AM



#44
Trichloroethene
Concen: 49.526 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.01 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.0	0.0	192.0





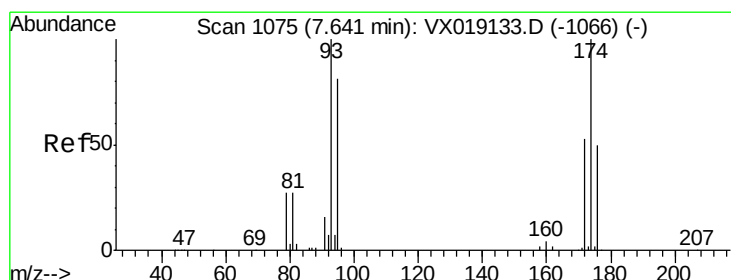
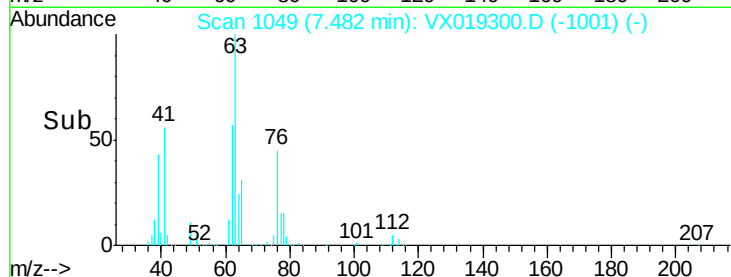
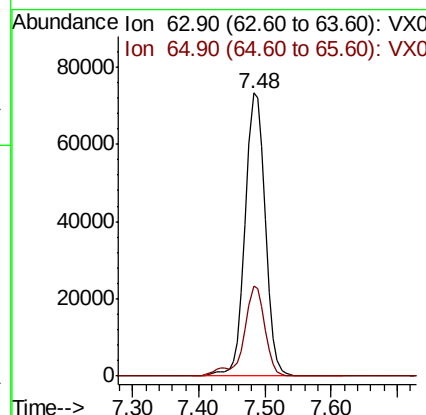
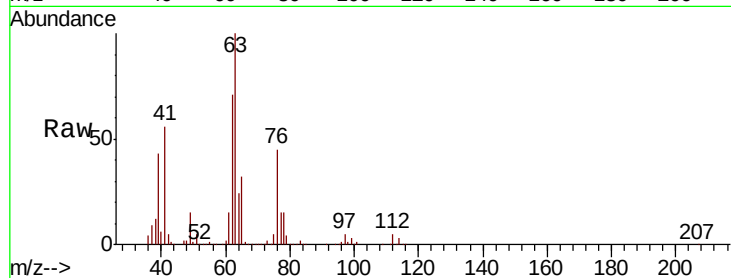
#45
 1,2-Dichloropropane
 Concen: 55.043 ug/l
 RT: 7.48 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VX019300.D
 Acq: 05 Nov 2020 09:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.0	25.2	37.8

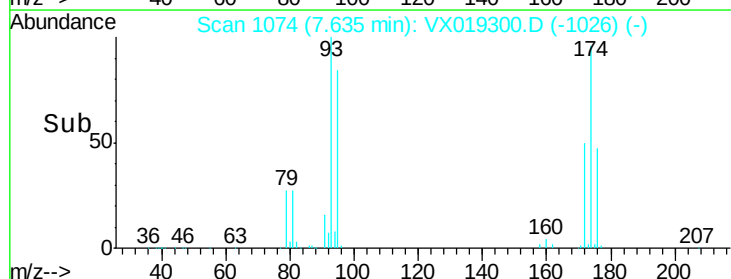
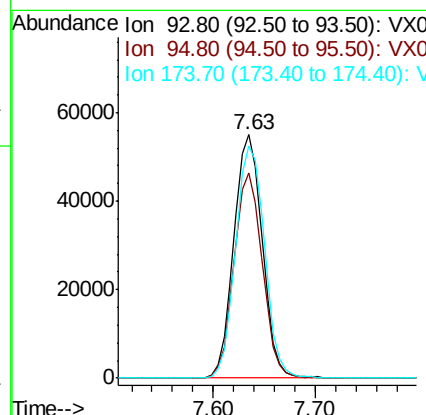
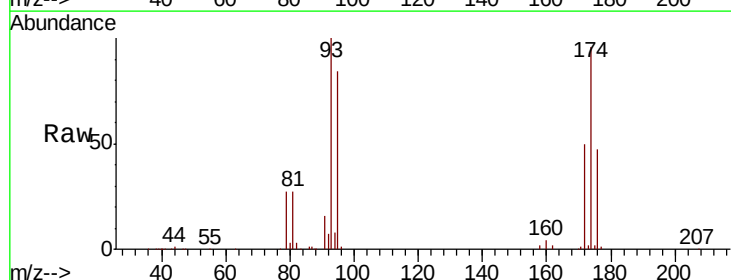
Manual Integrations
 APPROVED

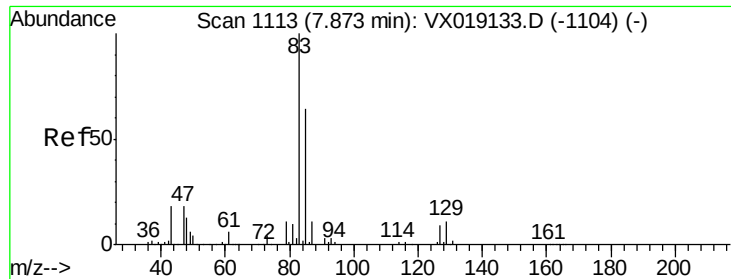
MMDadoda
 11/6/2020 9:24:02 AM



#46
 Dibromomethane
 Concen: 50.776 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX019300.D
 Acq: 05 Nov 2020 09:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.0	67.0	100.6
174	97.2	81.7	122.5





#47

Bromodichloromethane

Concen: 53.118 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

Instrument :

MSVOA_X

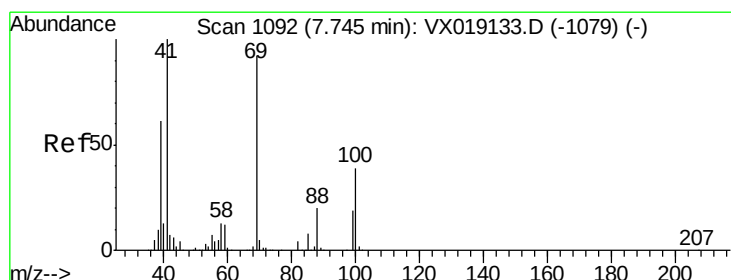
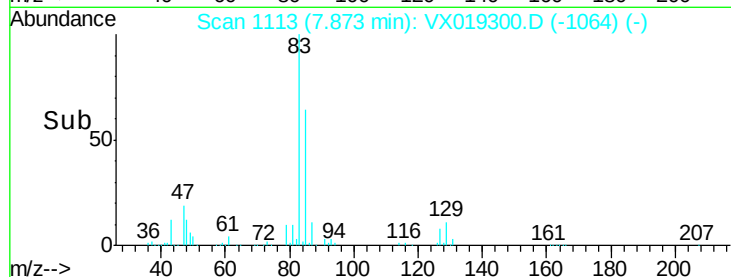
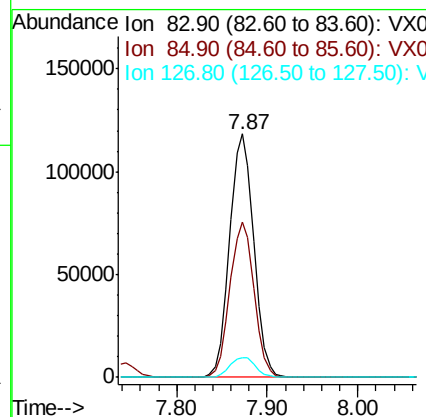
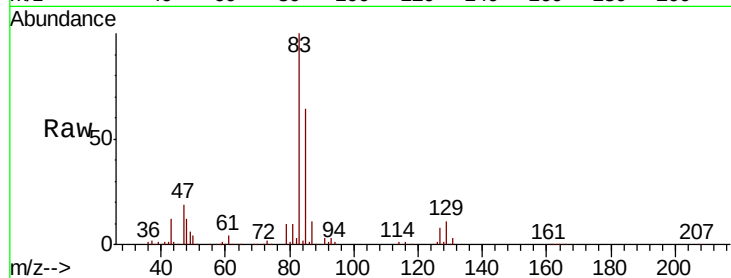
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	218893
Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.2	76.8
127	8.3	7.1	10.7

Manual Integrations
APPROVED

MMDadoda
11/6/2020 9:24:02 AM



#48

Methyl methacrylate

Concen: 52.844 ug/l

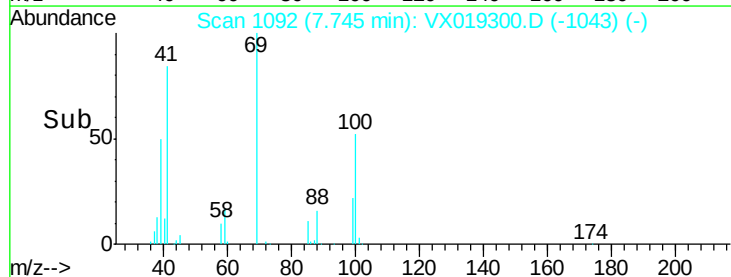
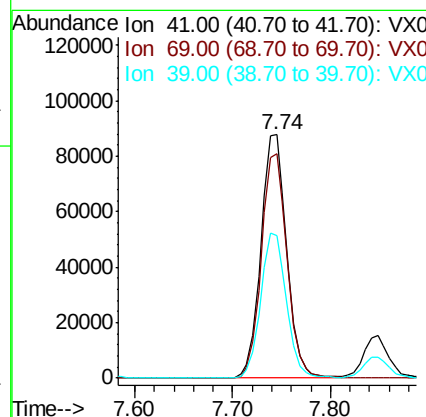
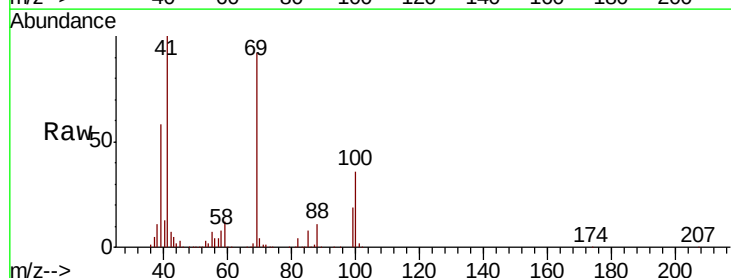
RT: 7.74 min Scan# 1092

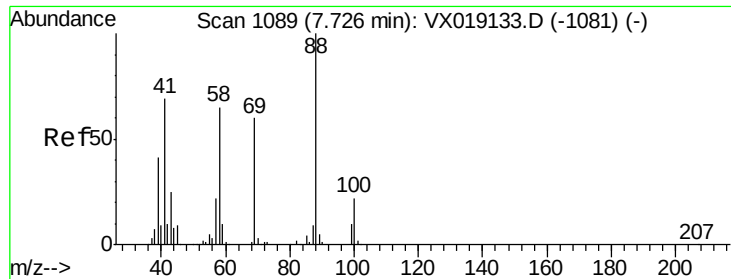
Delta R.T. 0.00 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

Tgt Ion:	41	Resp:	160984
Ion	Ratio	Lower	Upper
41	100		
69	92.7	75.5	113.3
39	59.4	48.9	73.3





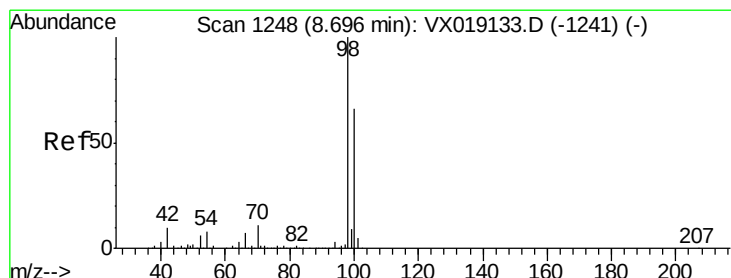
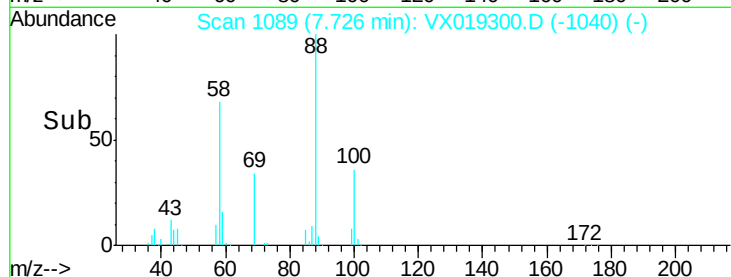
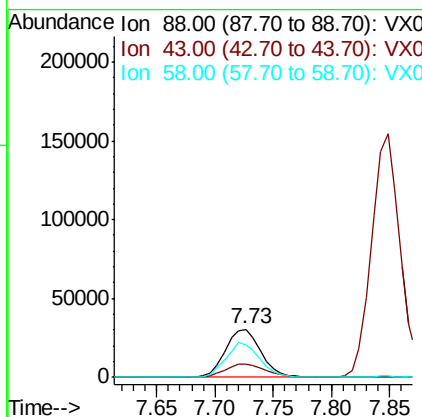
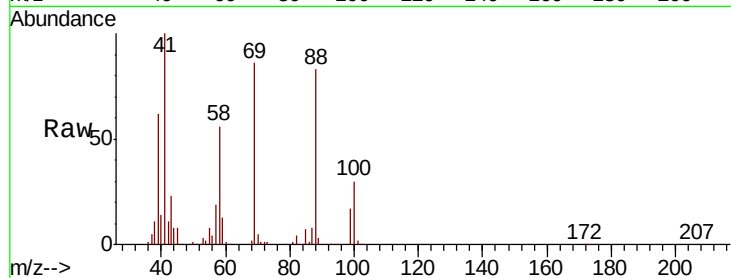
#49
1,4-Dioxane
Concen: 953.677 ug/l
RT: 7.73 min Scan# 1089
Delta R.T. 0.00 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.0	23.0	34.6
58	69.8	52.2	78.2

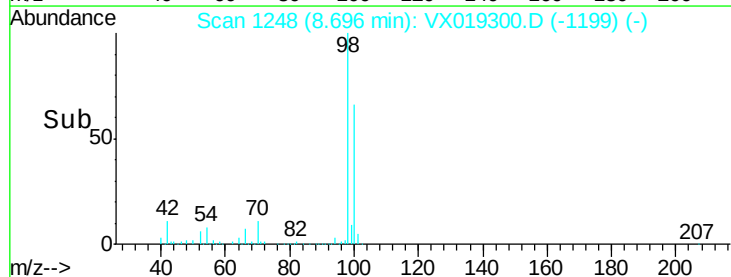
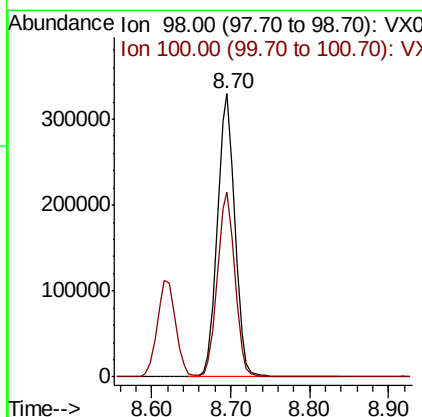
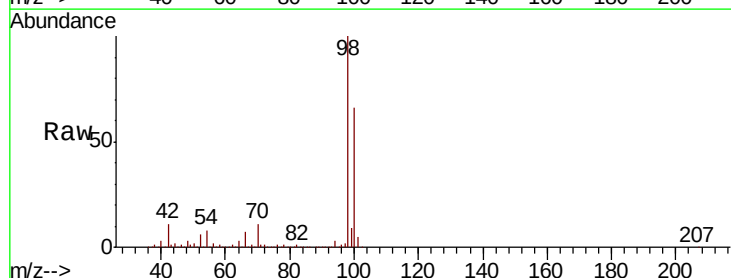
Manual Integrations
APPROVED

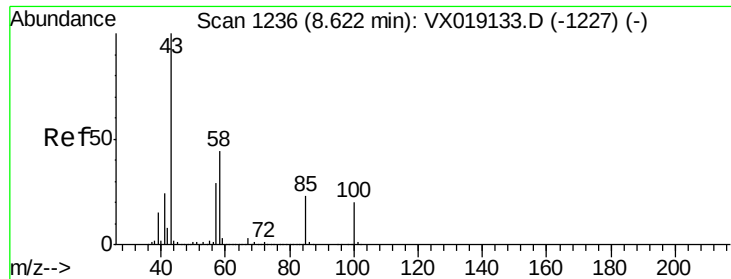
MMDadoda
11/6/2020 9:24:02 AM



#50
Toluene-d8
Concen: 48.725 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 268.656 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 977319

Ion Ratio Lower Upper

43 100

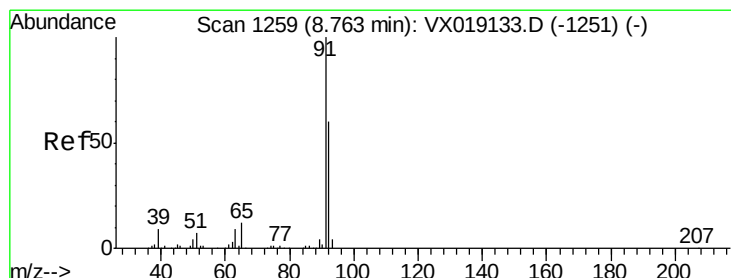
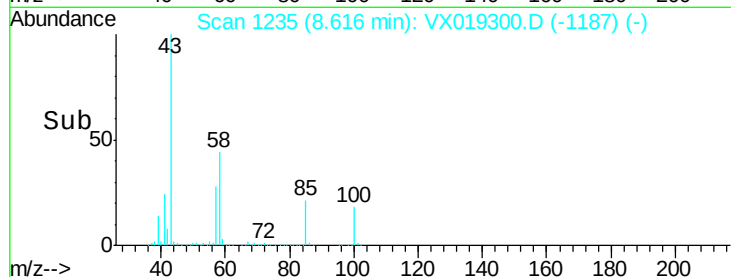
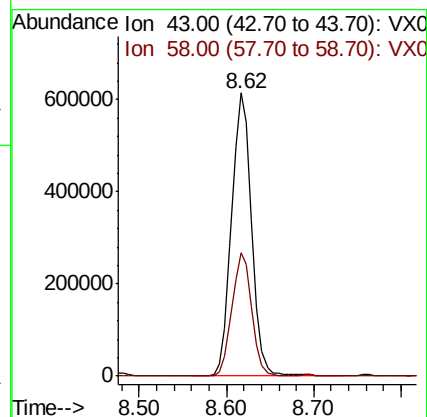
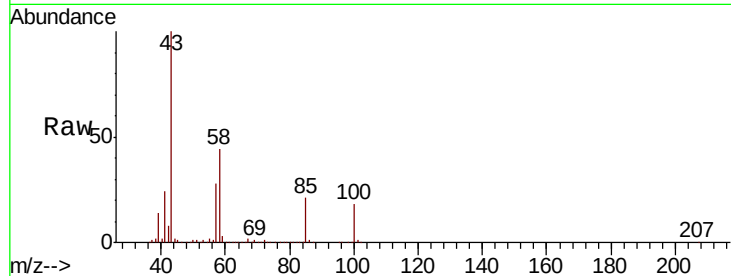
58 43.1 35.0 52.4

Manual Integrations

APPROVED

MMDadoda

11/6/2020 9:24:02 AM



#52

Toluene

Concen: 52.703 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019300.D

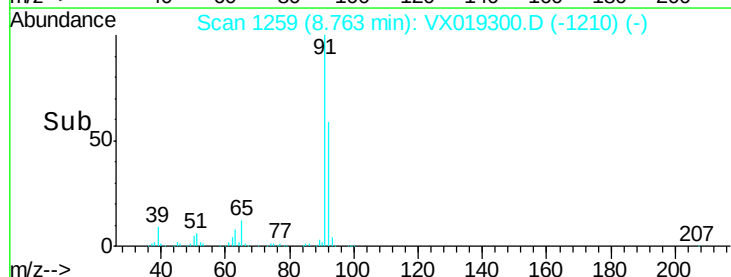
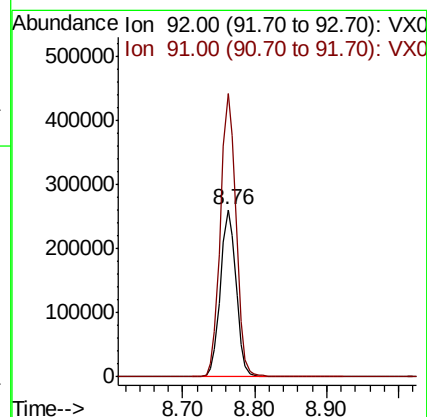
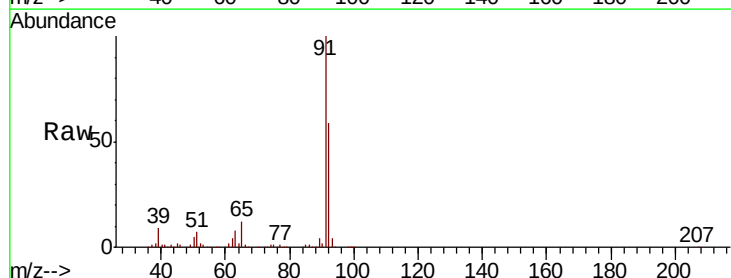
Acq: 05 Nov 2020 09:41

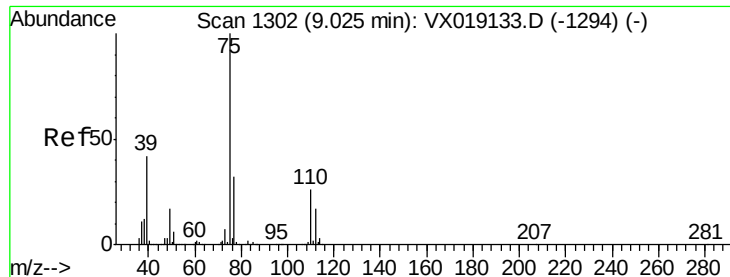
Tgt Ion: 92 Resp: 391824

Ion Ratio Lower Upper

92 100

91 169.2 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 51.560 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 242684

Ion Ratio Lower Upper

75 100

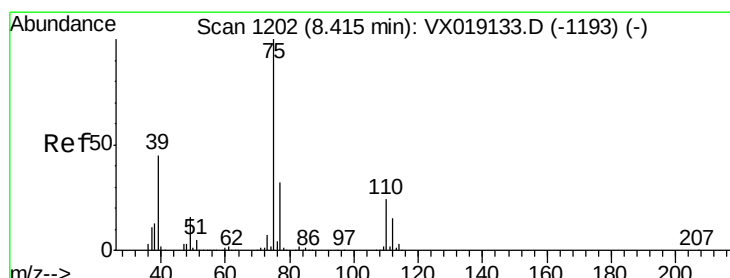
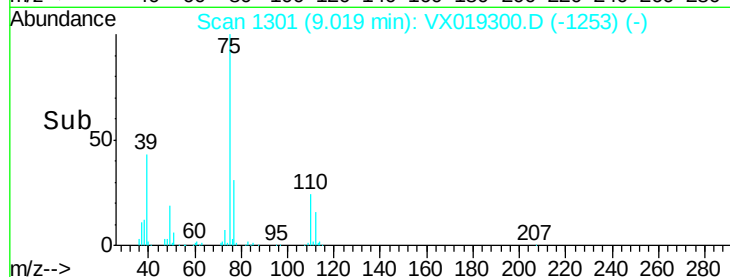
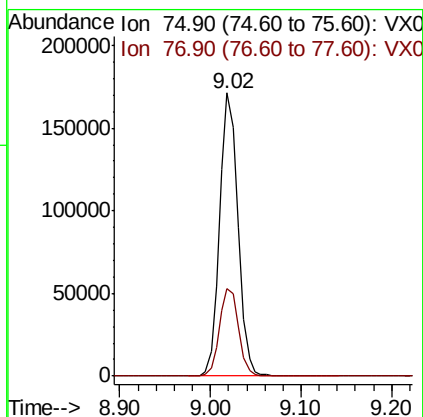
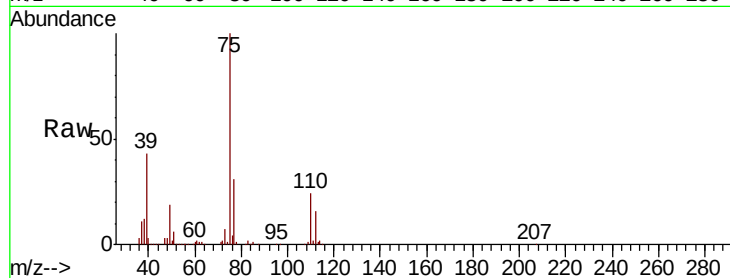
77 31.1 25.4 38.0

Manual Integrations

APPROVED

MMDadoda

11/6/2020 9:24:02 AM



#54

cis-1,3-Dichloropropene

Concen: 52.913 ug/l

RT: 8.41 min Scan# 1201

Delta R.T. -0.01 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

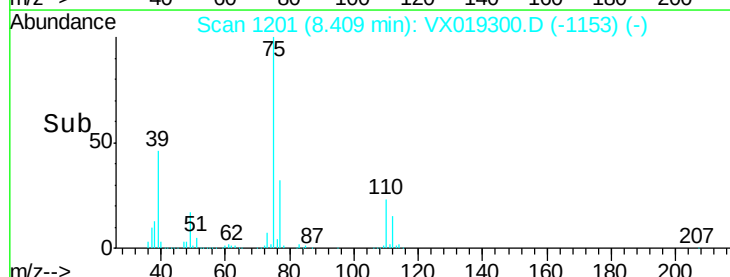
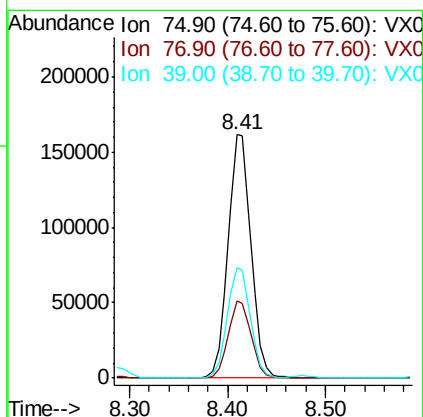
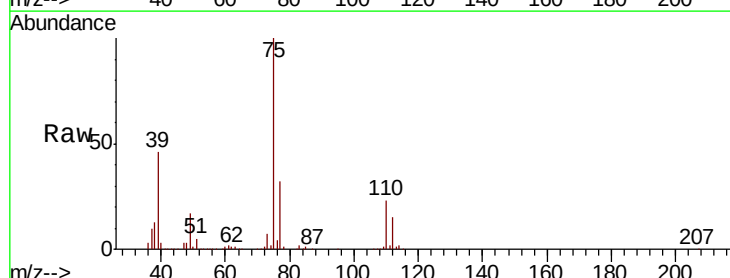
Tgt Ion: 75 Resp: 261894

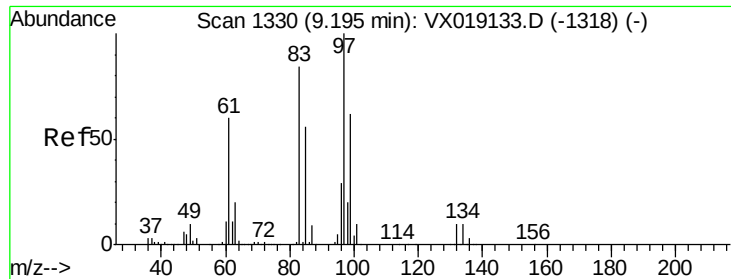
Ion Ratio Lower Upper

75 100

77 31.5 25.5 38.3

39 45.5 36.2 54.2





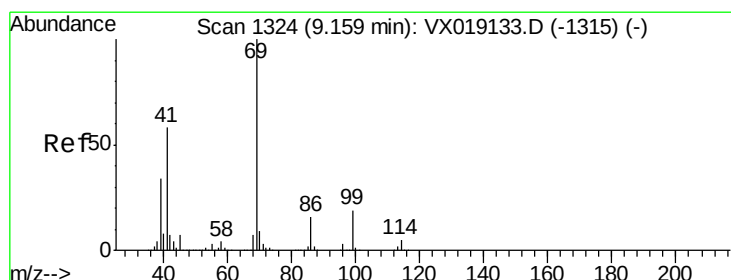
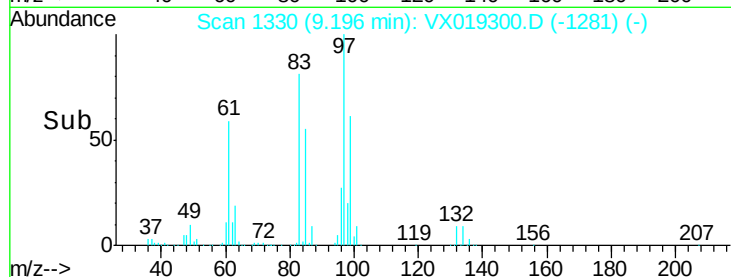
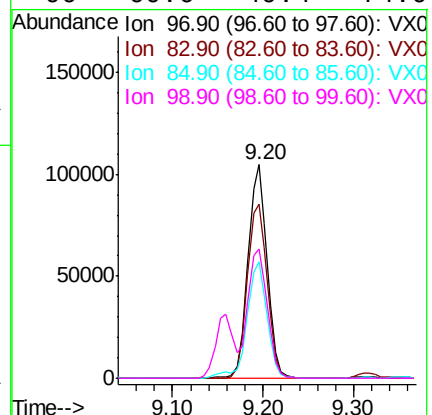
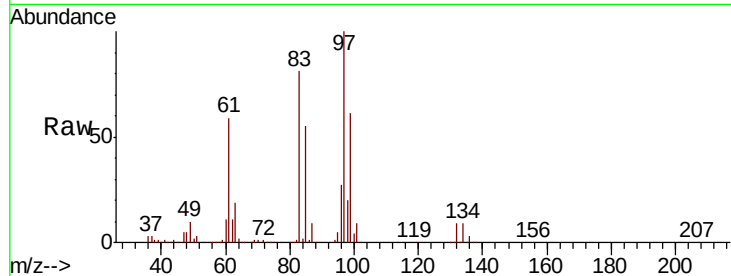
#55
 1,1,2-Trichloroethane
 Concen: 51.818 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019300.D
 Acq: 05 Nov 2020 09:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	152214
Ion	Ratio	Lower	Upper
97	100		
83	81.4	67.2	100.8
85	54.7	44.6	67.0
99	60.6	49.4	74.0

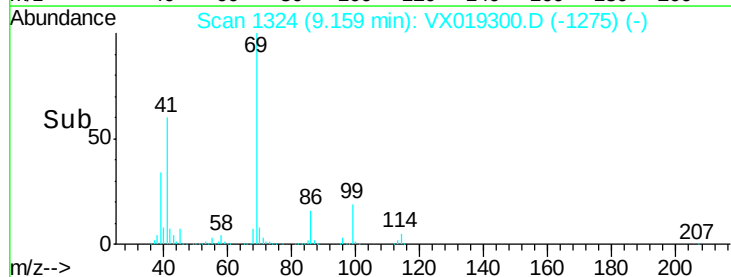
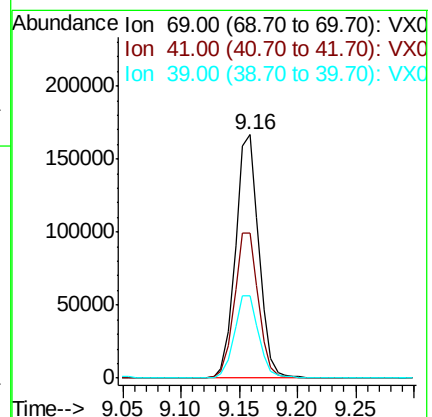
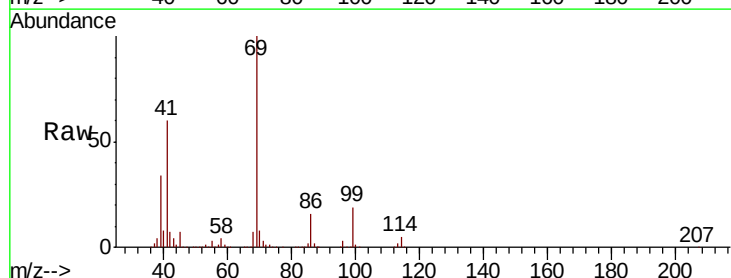
Manual Integrations
 APPROVED

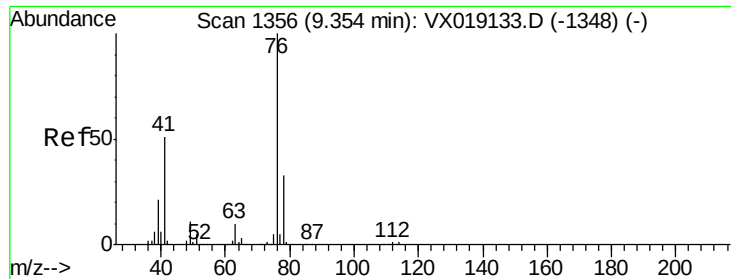
MMDadoda
 11/6/2020 9:24:02 AM



#56
 Ethyl methacrylate
 Concen: 52.438 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX019300.D
 Acq: 05 Nov 2020 09:41

Tgt Ion:	69	Resp:	232663
Ion	Ratio	Lower	Upper
69	100		
41	61.2	46.5	69.7
39	35.1	27.6	41.4





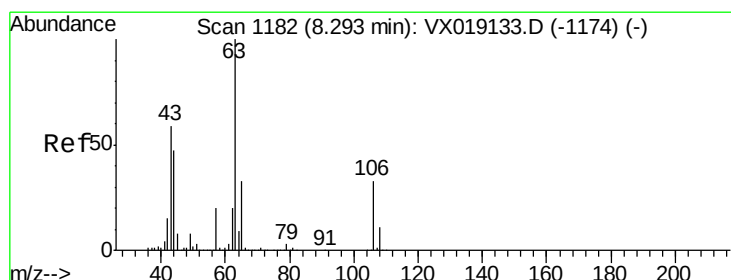
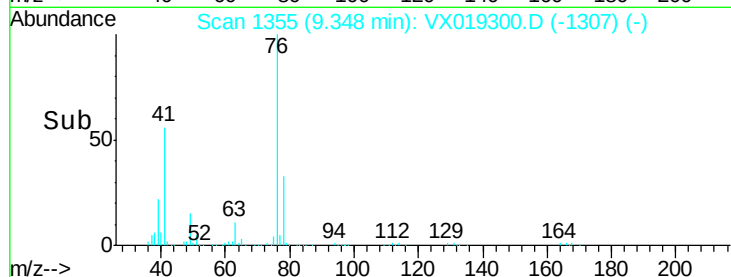
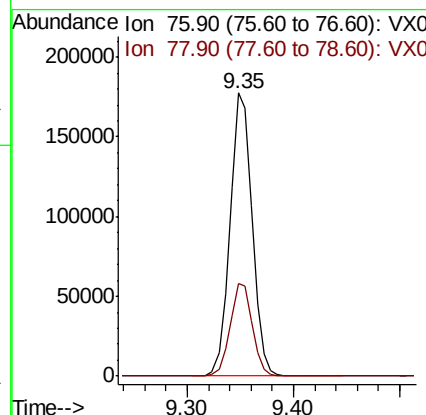
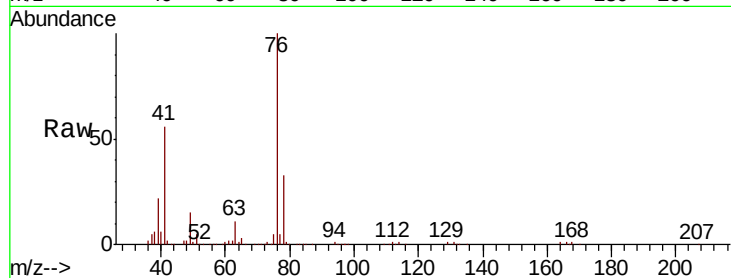
#57
 1,3-Dichloropropane
 Concen: 52.269 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: VX019300.D
 Acq: 05 Nov 2020 09:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.8	25.9	38.9

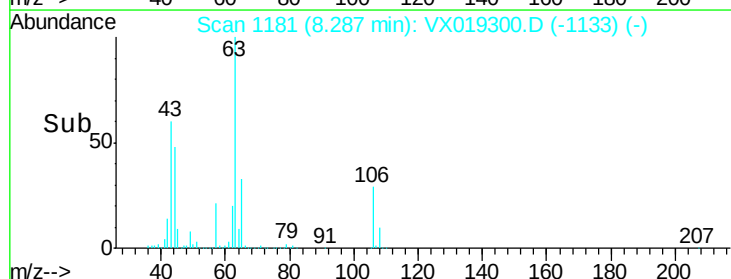
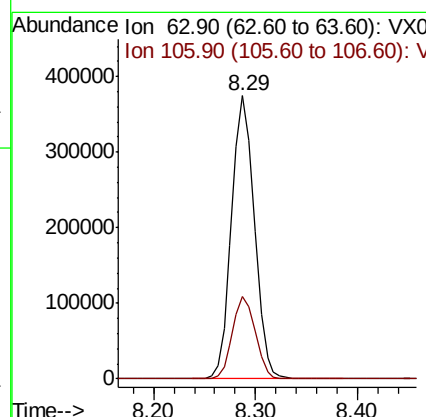
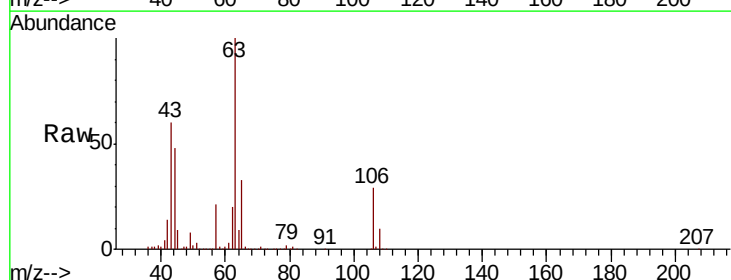
Manual Integrations
 APPROVED

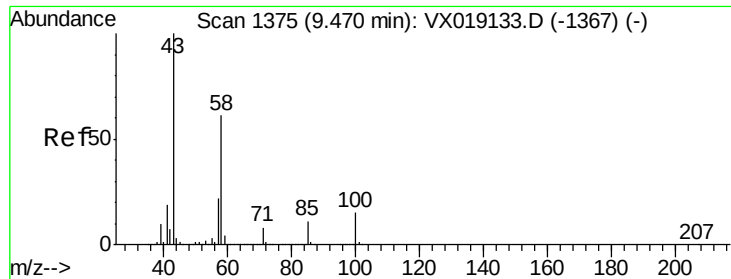
MMDadoda
 11/6/2020 9:24:02 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 234.044 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX019300.D
 Acq: 05 Nov 2020 09:41

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.3	25.1	37.7





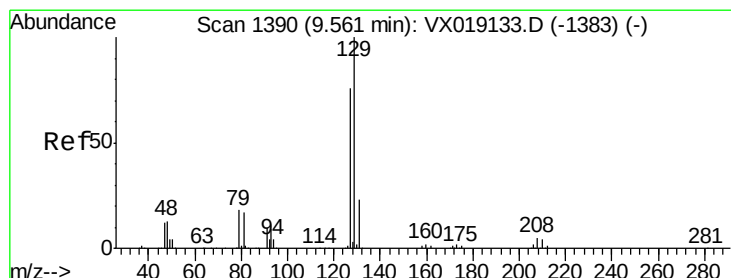
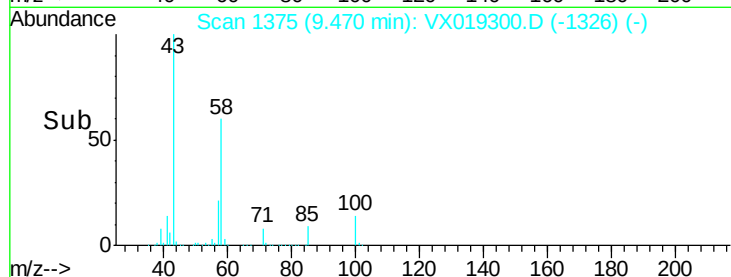
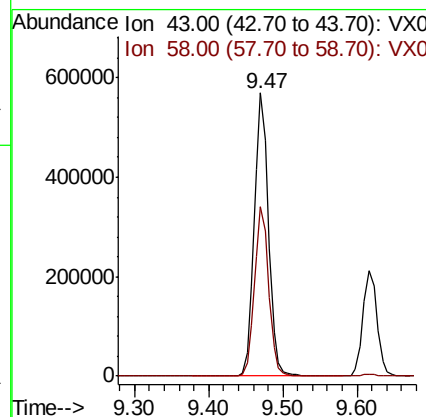
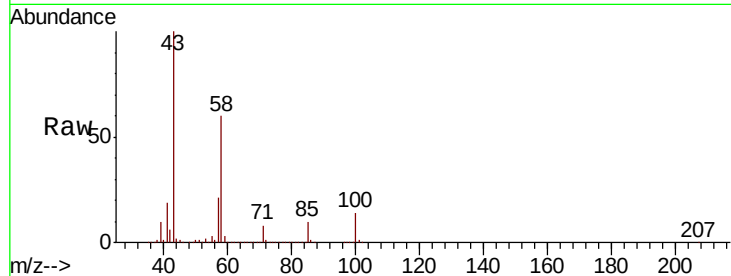
#59
2-Hexanone
Concen: 277.049 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	59.8	30.5	91.5

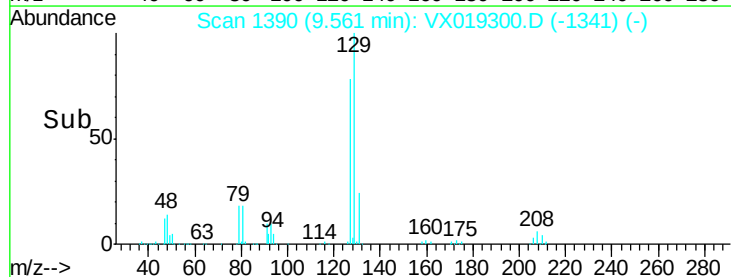
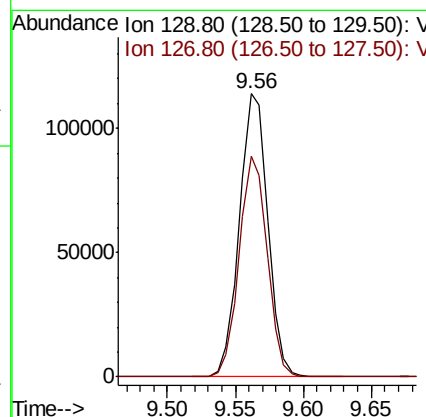
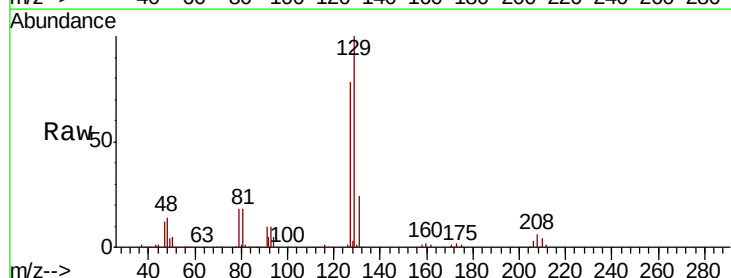
Manual Integrations
APPROVED

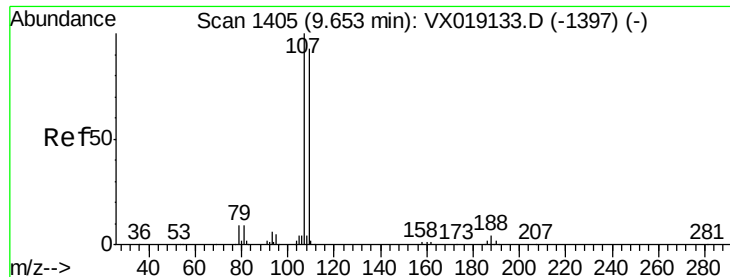
MMDadoda
11/6/2020 9:24:02 AM



#60
Dibromochloromethane
Concen: 52.077 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.1	38.6	115.8





#61

1,2-Dibromoethane

Concen: 50.860 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 159762

Ion Ratio Lower Upper

107 100

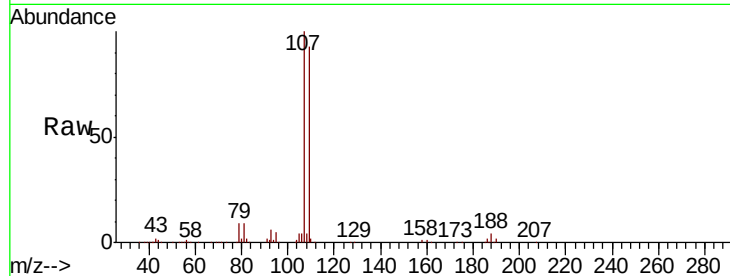
109 93.0 75.9 113.9

Manual Integrations

APPROVED

MMDadoda

11/6/2020 9:24:02 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

120000

100000

80000

60000

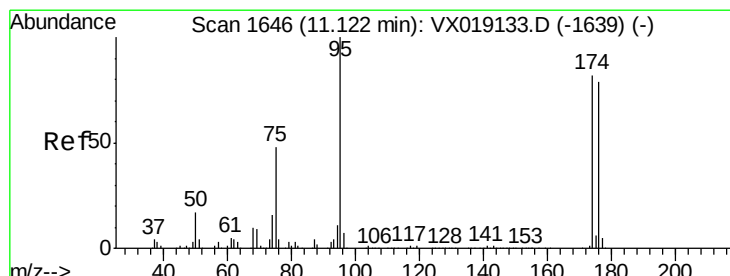
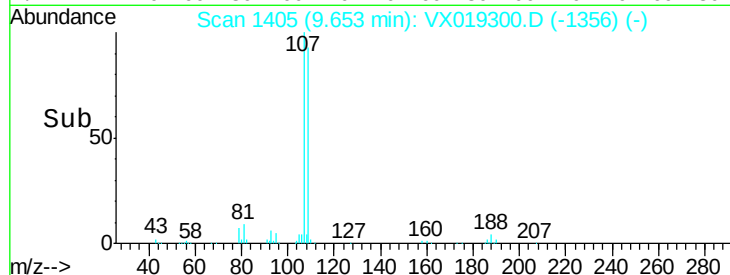
40000

20000

0

9.60 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 49.087 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

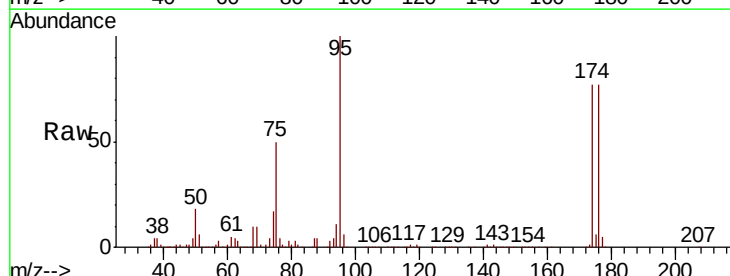
Tgt Ion: 95 Resp: 194064

Ion Ratio Lower Upper

95 100

174 75.0 0.0 156.0

176 72.9 0.0 149.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

150000

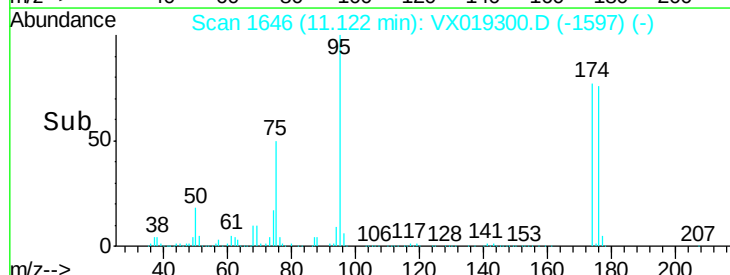
100000

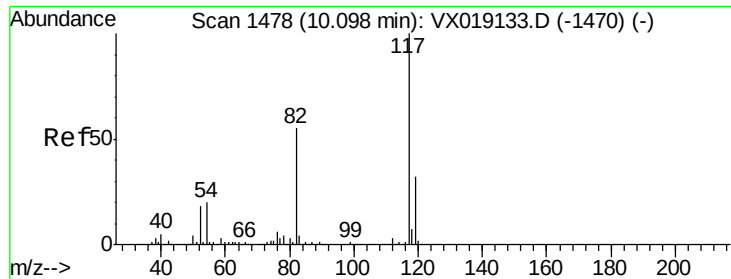
50000

0

11.10 11.20

Time-->





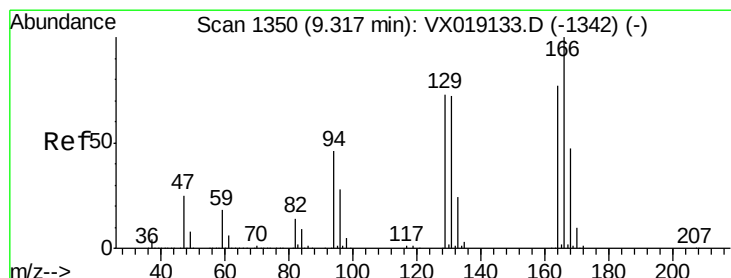
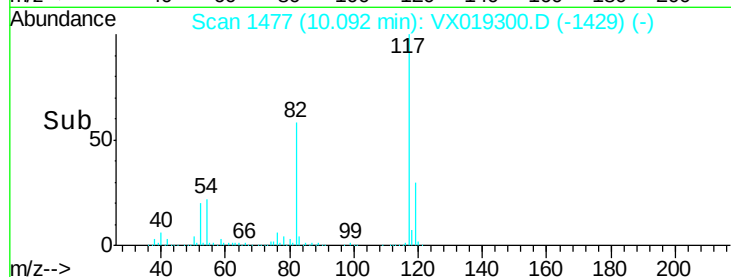
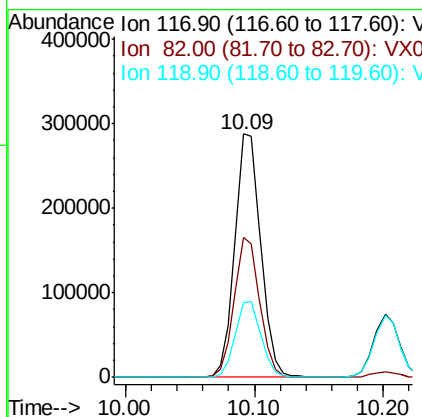
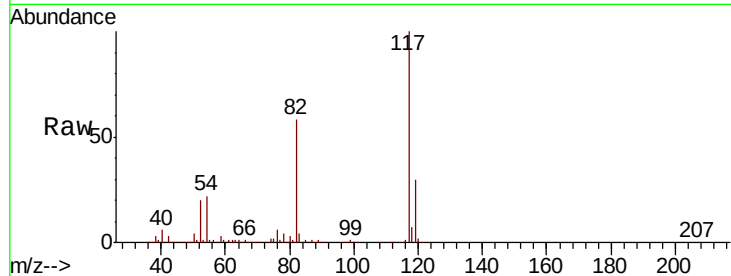
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	404545		
82	57.7		43.6	65.4
119	30.5		25.5	38.3

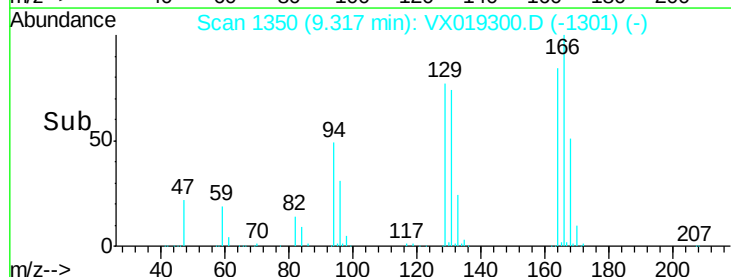
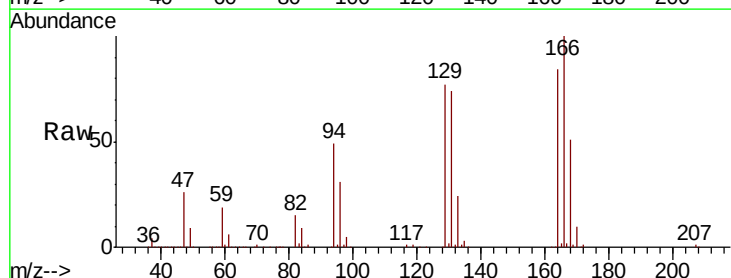
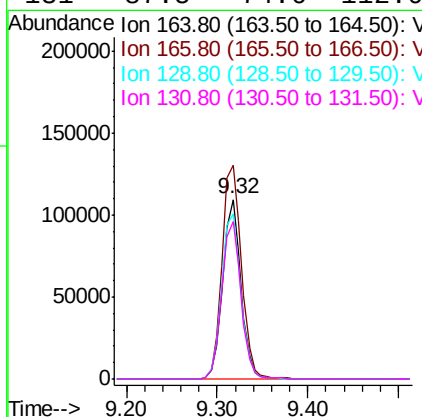
Manual Integrations
APPROVED

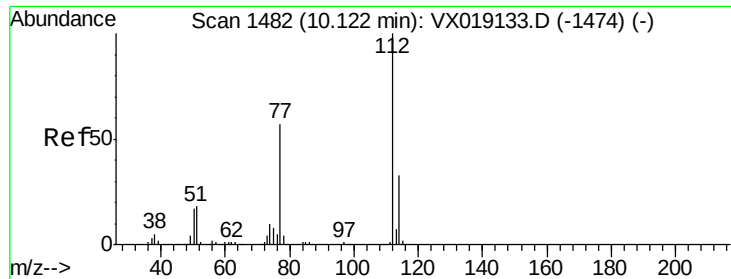
MMDadoda
11/6/2020 9:24:02 AM



#64
Tetrachloroethene
Concen: 49.717 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	153237		
166	118.8		104.1	156.1
129	91.5		76.2	114.4
131	87.5		74.6	112.0





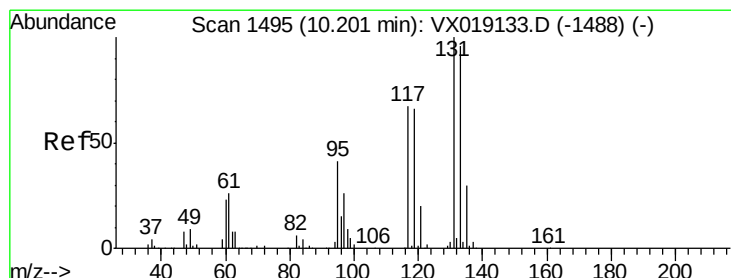
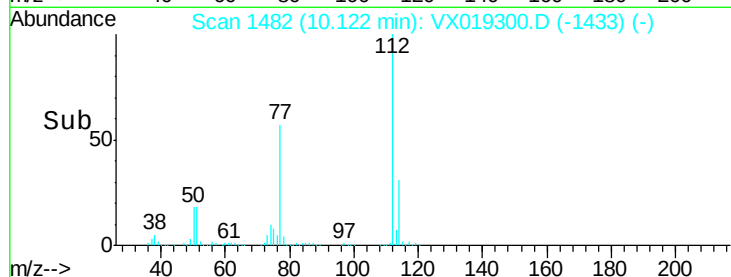
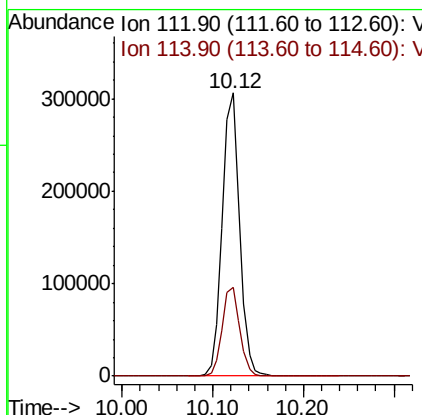
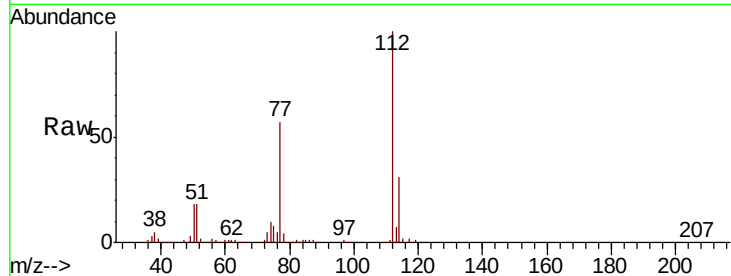
#65
Chlorobenzene
Concen: 49.507 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.5	26.1	39.1

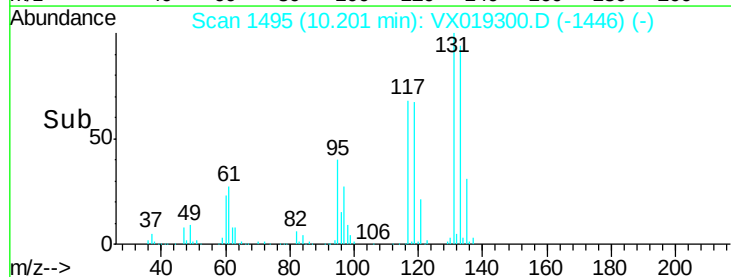
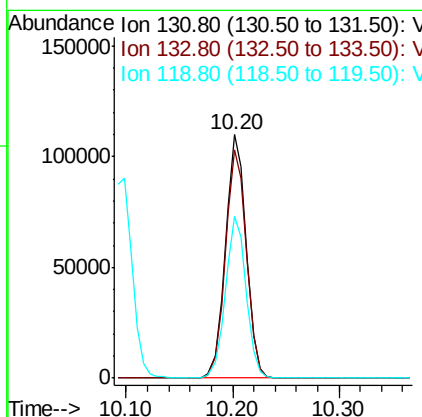
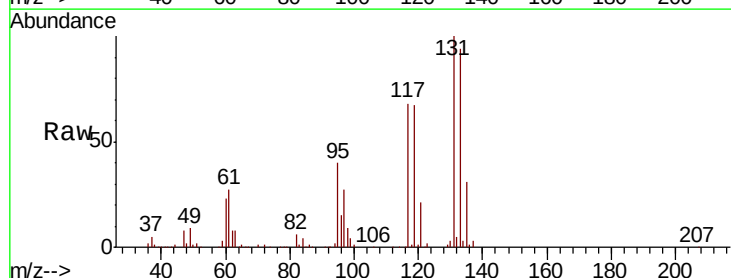
Manual Integrations
APPROVED

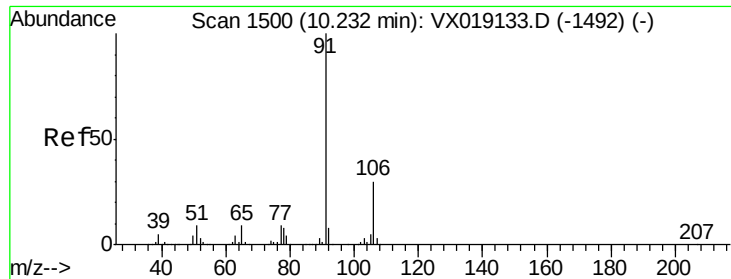
MMDadoda
11/6/2020 9:24:02 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 50.274 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.3	47.3	141.8
119	66.4	32.3	96.9





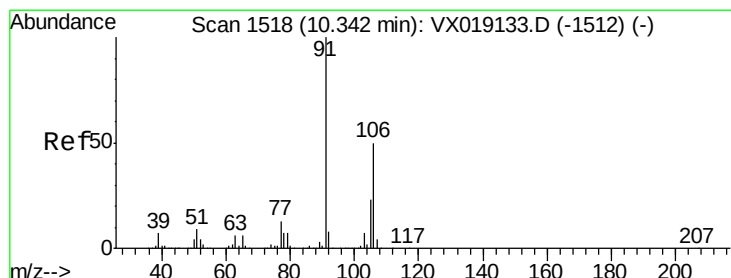
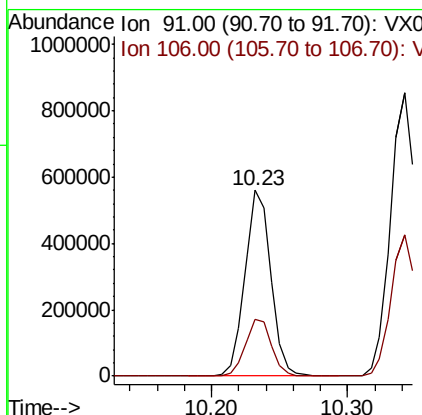
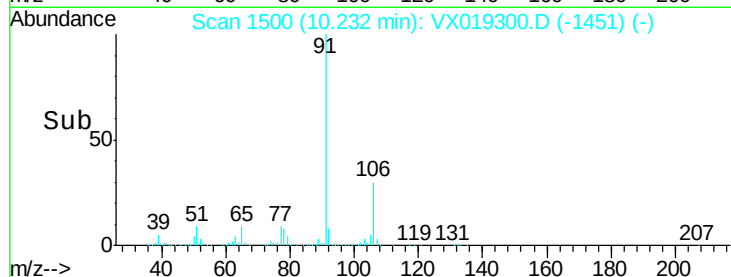
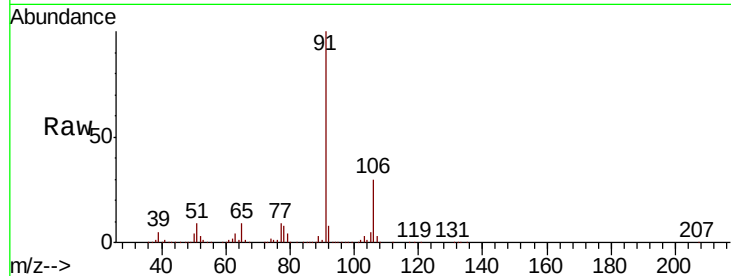
#67
Ethyl Benzene
Concen: 50.666 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.4	24.3	36.5

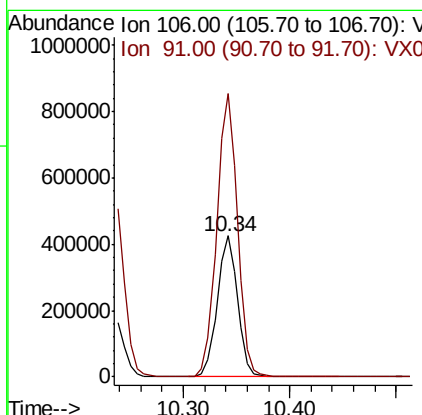
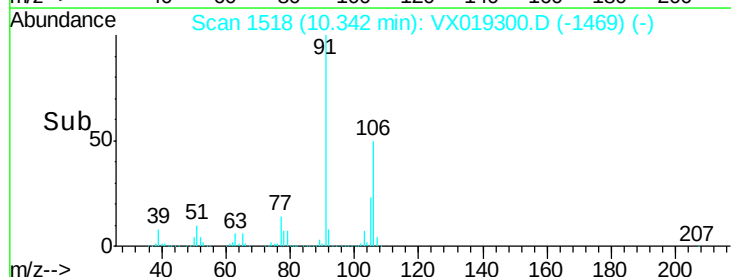
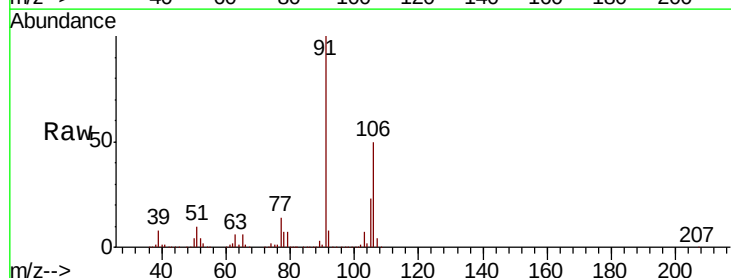
Manual Integrations
APPROVED

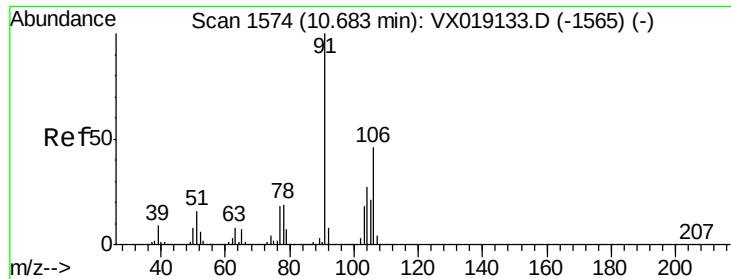
MMDadoda
11/6/2020 9:24:02 AM



#68
m/p-Xylenes
Concen: 101.562 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Tgt Ion	Ratio	Lower	Upper
106	100		
91	204.4	161.0	241.4





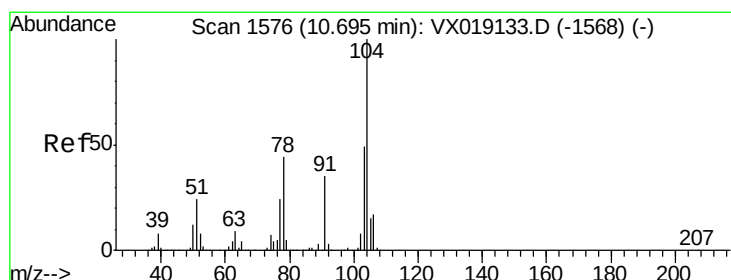
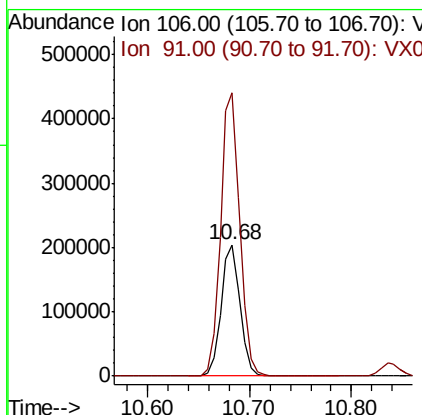
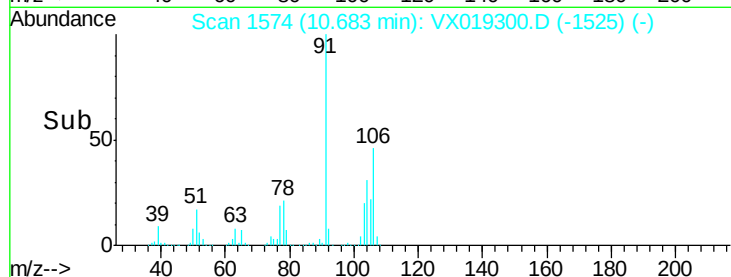
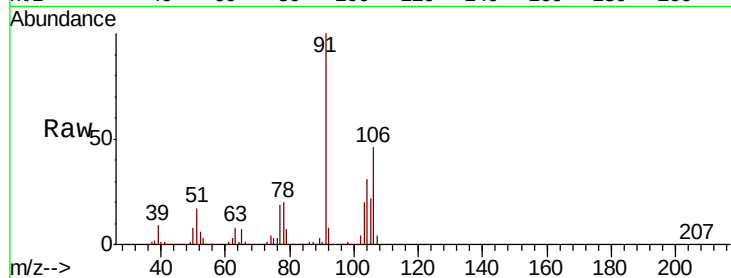
#69
o-Xylene
Concen: 50.346 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	218.1	108.3	324.8

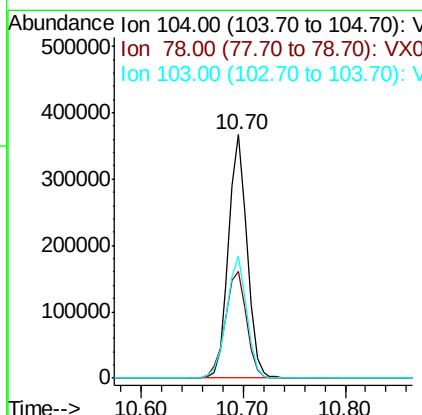
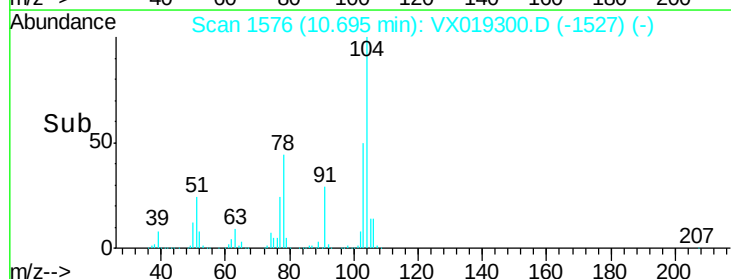
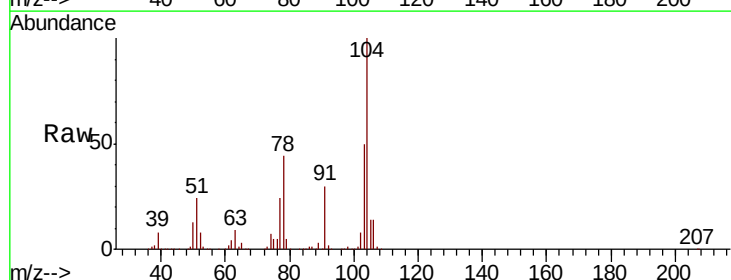
Manual Integrations
APPROVED

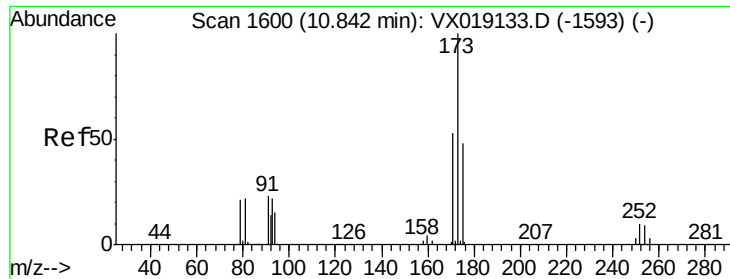
MMDadoda
11/6/2020 9:24:02 AM



#70
Styrene
Concen: 51.346 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.7	40.0	60.0
103	54.6	43.5	65.3





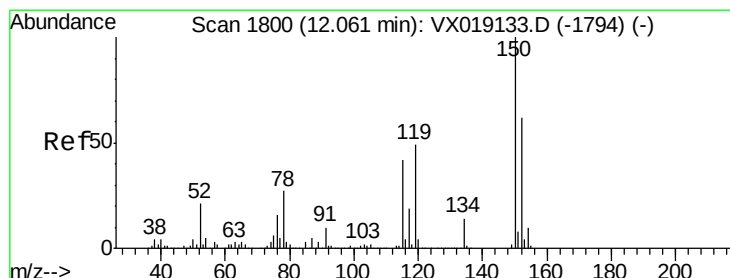
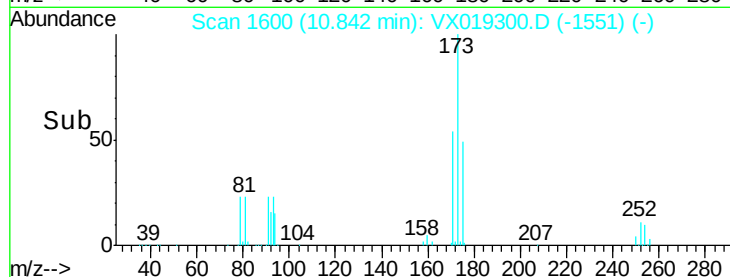
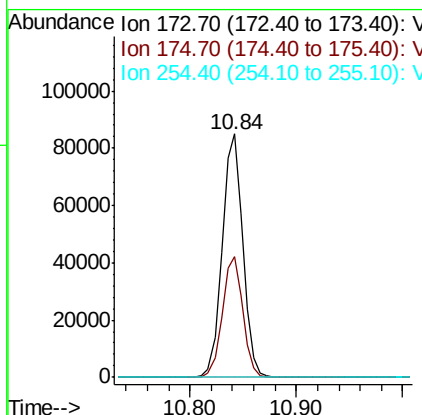
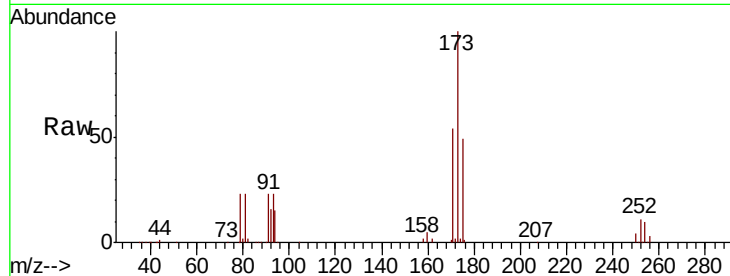
#71
Bromoform
Concen: 48.598 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.4	73.4
254	0.1	0.1	0.1#

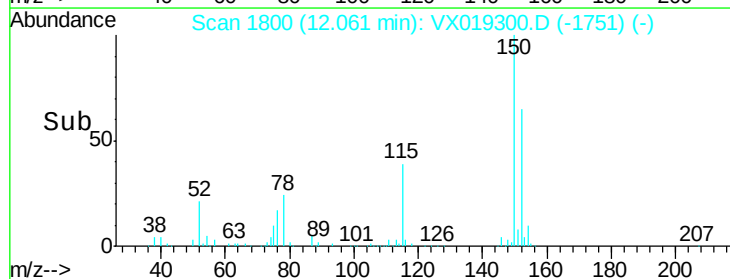
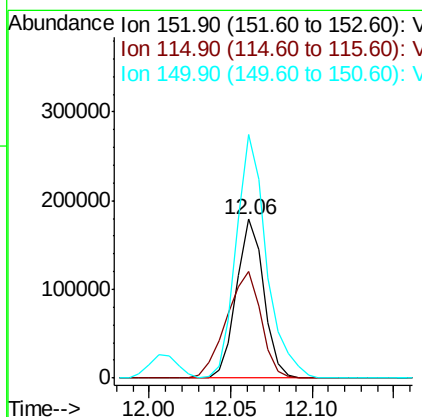
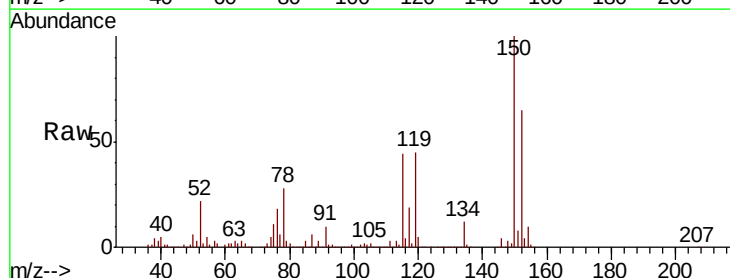
Manual Integrations
APPROVED

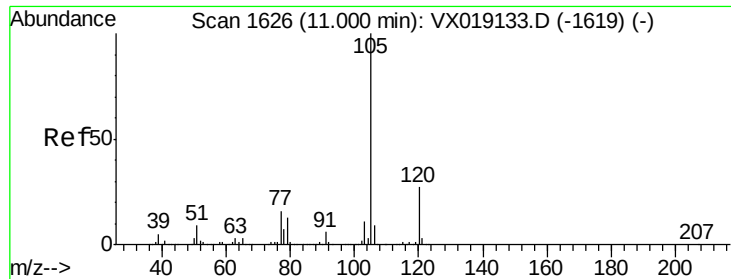
MMDadoda
11/6/2020 9:24:02 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	84.8	41.9	125.7
150	169.5	0.0	347.8





#73

Isopropylbenzene

Concen: 49.126 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 727972

Ion Ratio Lower Upper

105 100

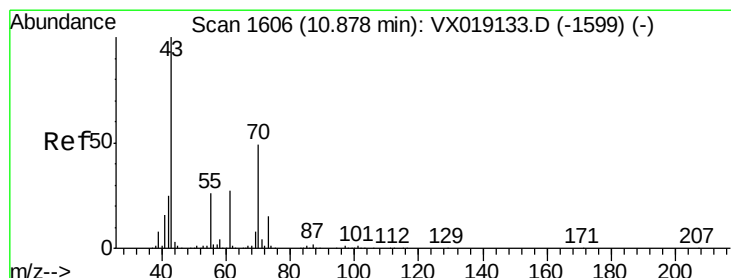
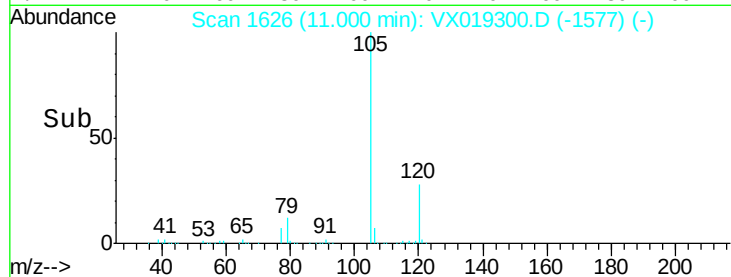
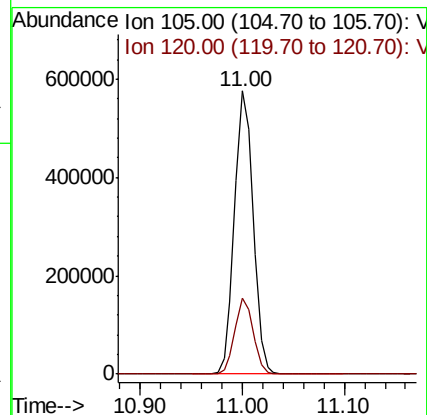
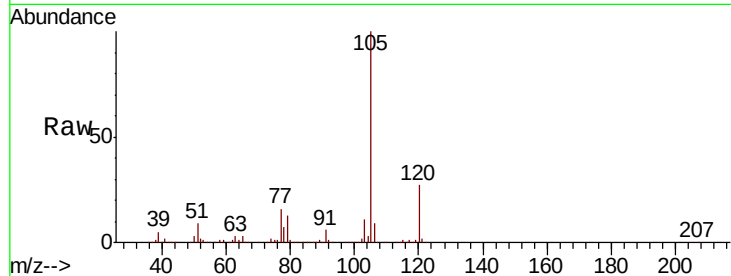
120 26.4 13.3 39.8

Manual Integrations

APPROVED

MMDadoda

11/6/2020 9:24:02 AM



#74

N-ethyl acetate

Concen: 50.912 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

Tgt Ion: 43 Resp: 275849

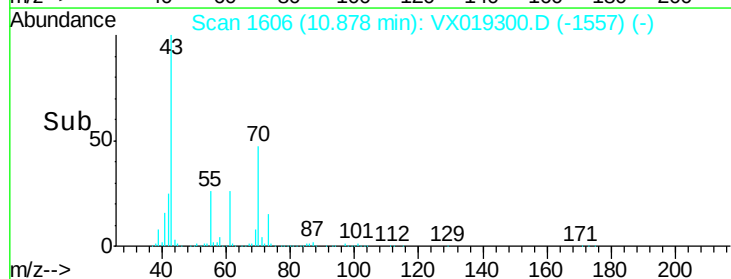
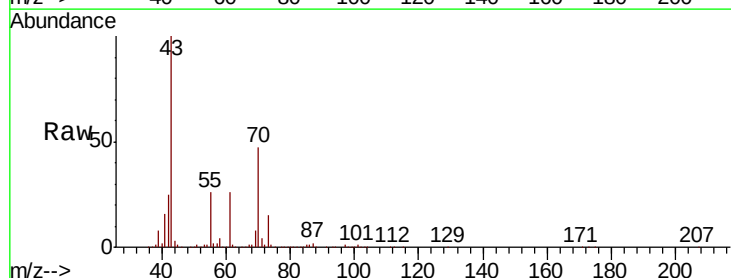
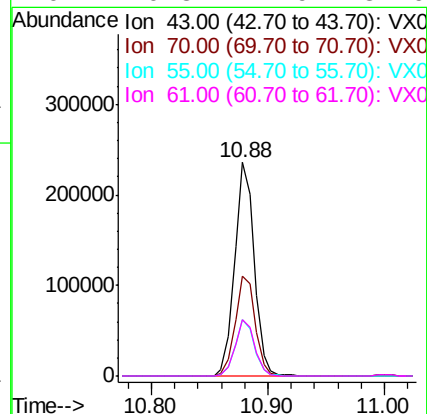
Ion Ratio Lower Upper

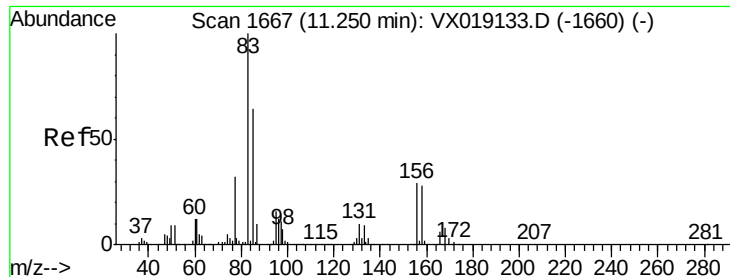
43 100

70 48.2 39.6 59.4

55 26.1 20.7 31.1

61 26.3 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 49.155 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 227648

Ion Ratio Lower Upper

83 100

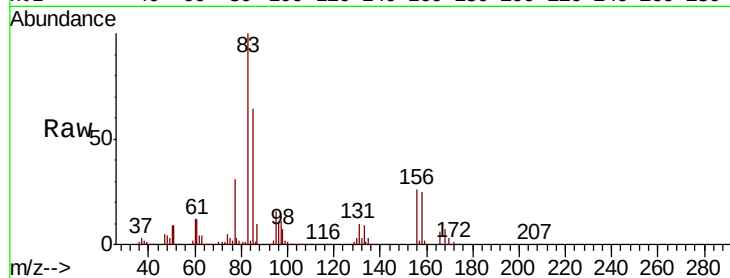
131 10.2 5.2 15.6

85 64.7 32.1 96.3

Manual Integrations
APPROVED

MMDadoda

11/6/2020 9:24:02 AM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

250000

200000

150000

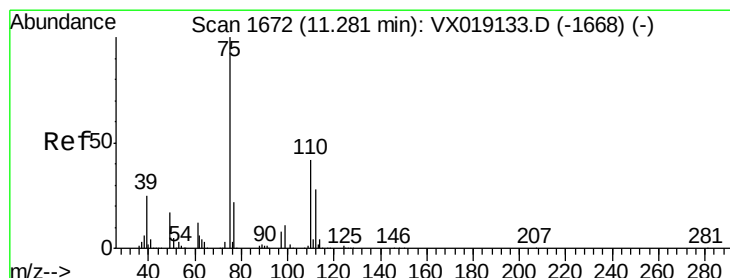
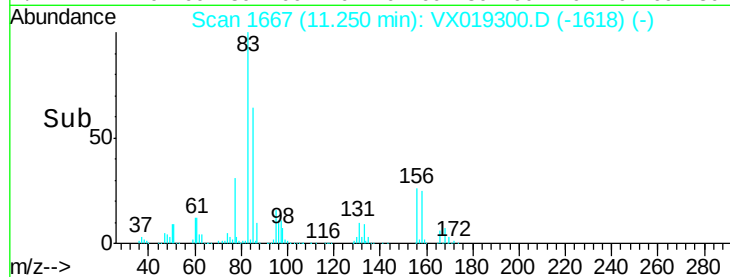
100000

50000

0

11.20 11.30

Time-->



#76

1,2,3-Trichloropropane

Concen: 50.465 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019300.D

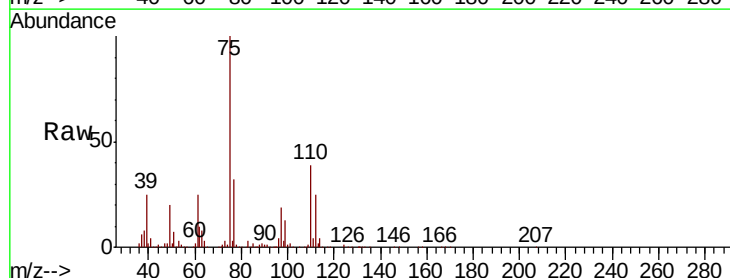
Acq: 05 Nov 2020 09:41

Tgt Ion: 75 Resp: 218139

Ion Ratio Lower Upper

75 100

77 39.6 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

250000

200000

150000

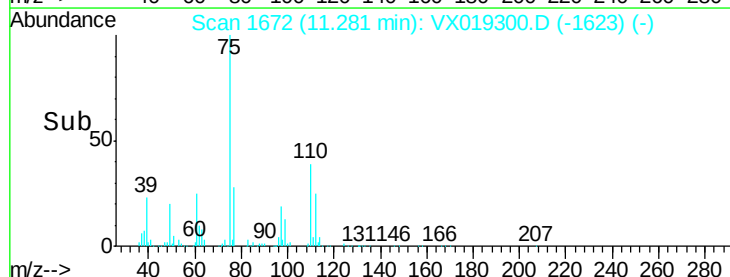
100000

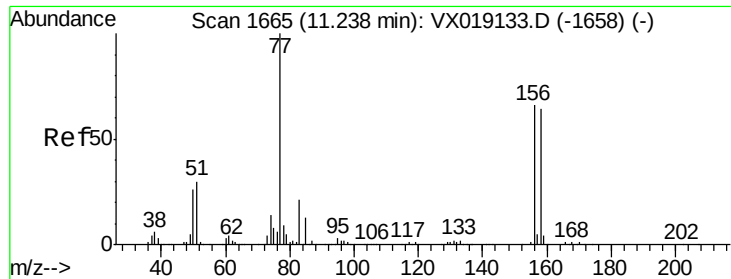
50000

0

11.24 11.26 11.28 11.30

Time-->





#77

Bromobenzene

Concen: 47.588 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 175018

Ion Ratio Lower Upper

156 100

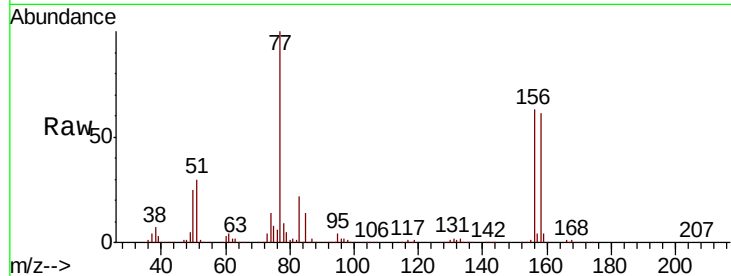
77 168.1 77.7 233.1

158 96.0 48.3 144.8

Manual Integrations
APPROVED

MMDadoda

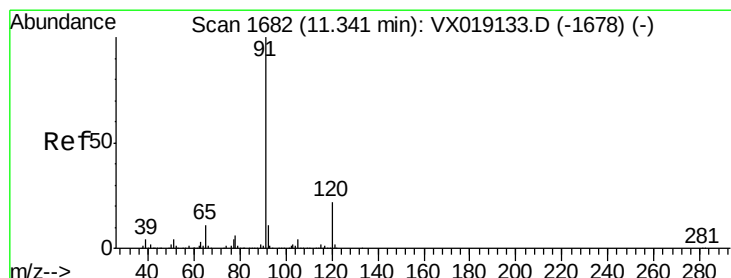
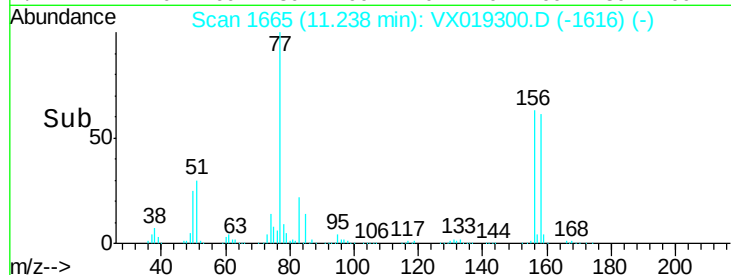
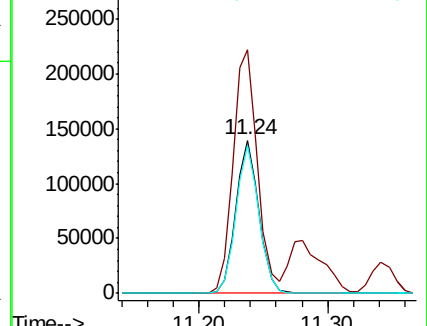
11/6/2020 9:24:02 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.157 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019300.D

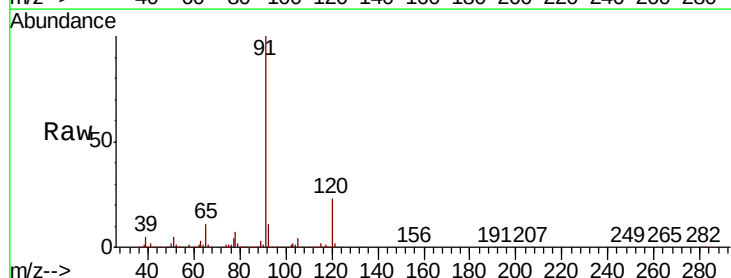
Acq: 05 Nov 2020 09:41

Tgt Ion: 91 Resp: 848447

Ion Ratio Lower Upper

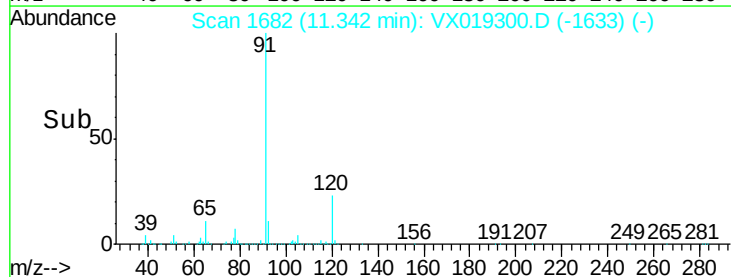
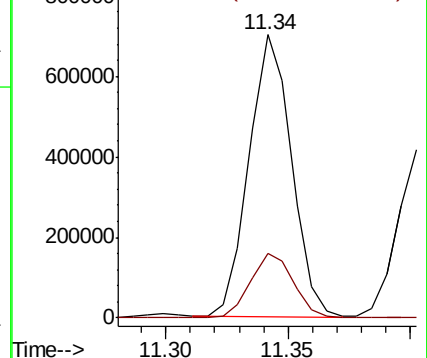
91 100

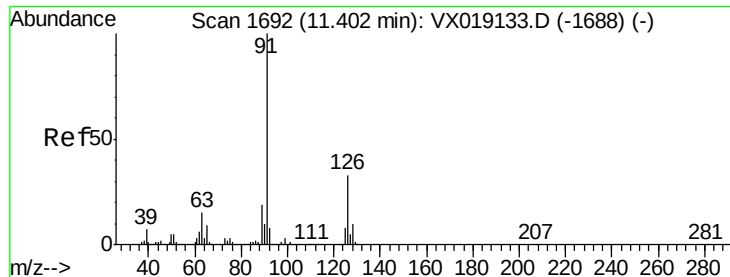
120 23.1 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.491 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 502838

Ion Ratio Lower Upper

91 100

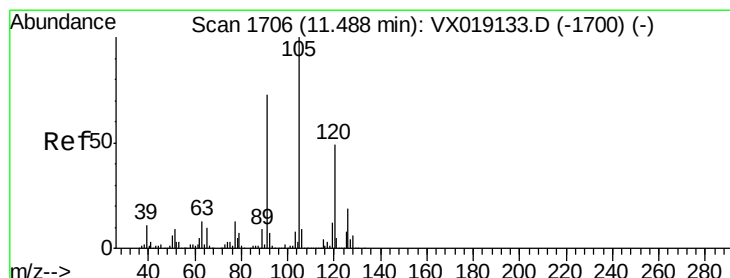
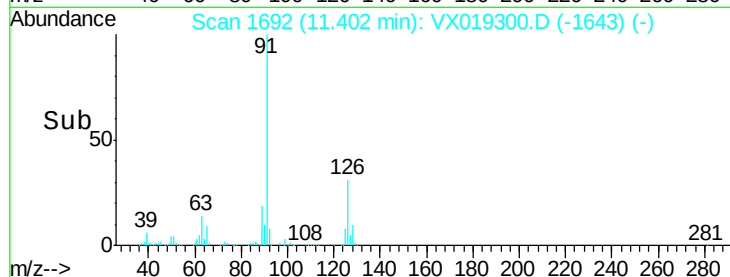
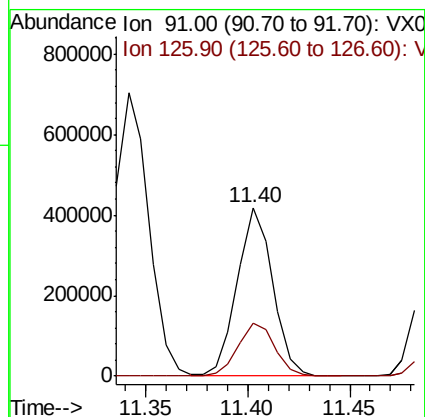
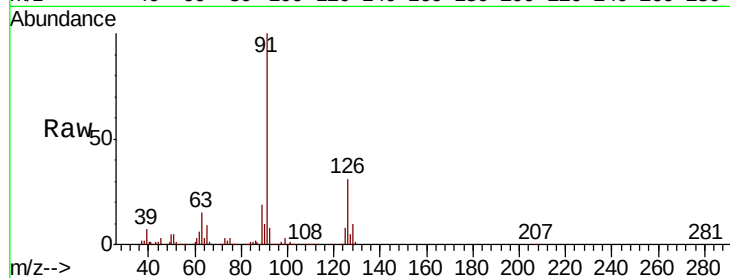
126 32.7 16.9 50.7

Manual Integrations

APPROVED

MMDadoda

11/6/2020 9:24:02 AM



#80

1,3,5-Trimethylbenzene

Concen: 49.979 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019300.D

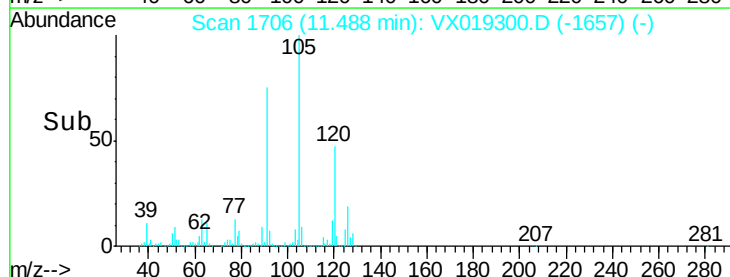
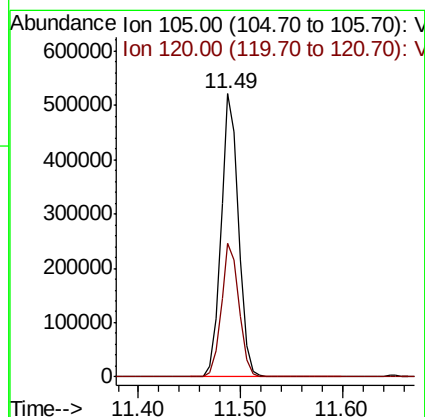
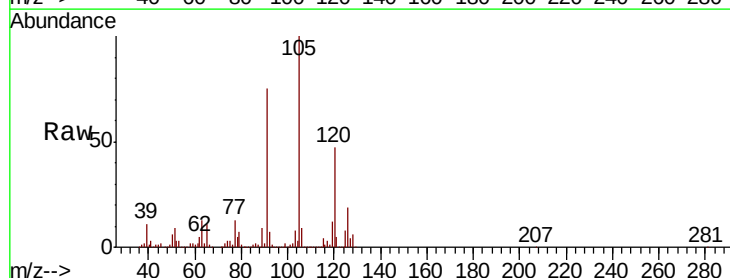
Acq: 05 Nov 2020 09:41

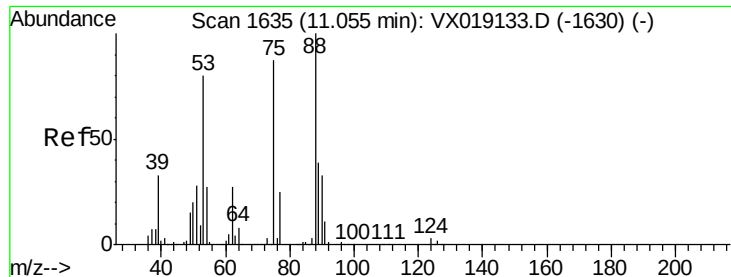
Tgt Ion: 105 Resp: 625675

Ion Ratio Lower Upper

105 100

120 47.7 24.3 72.8





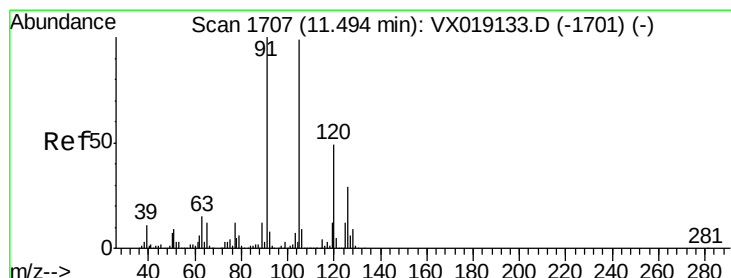
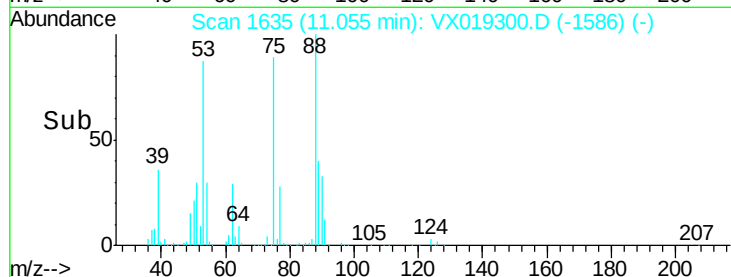
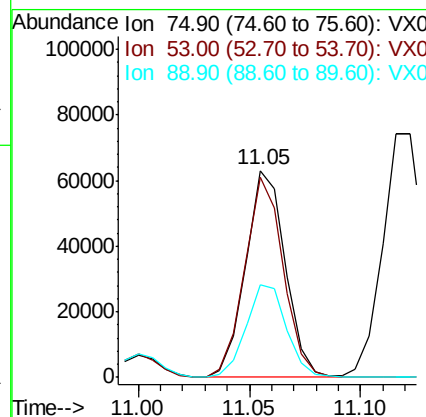
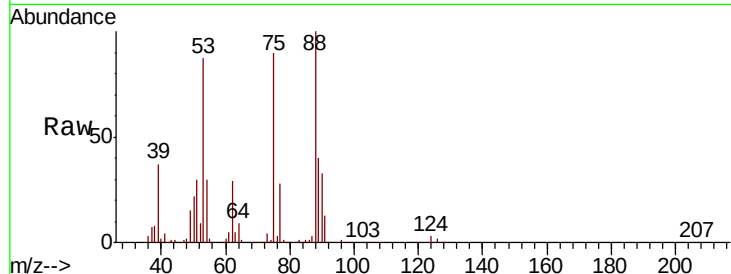
#81
trans-1,4-Dichloro-2-butene
Concen: 47.507 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.3	73.3	109.9
89	46.1	38.2	57.2

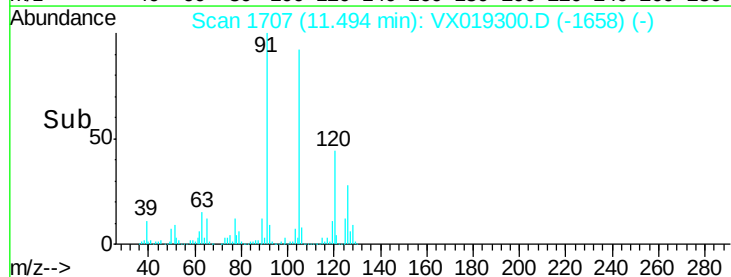
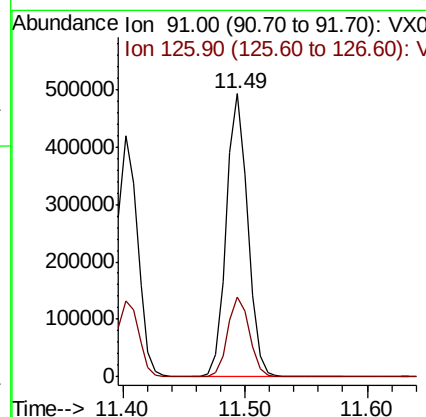
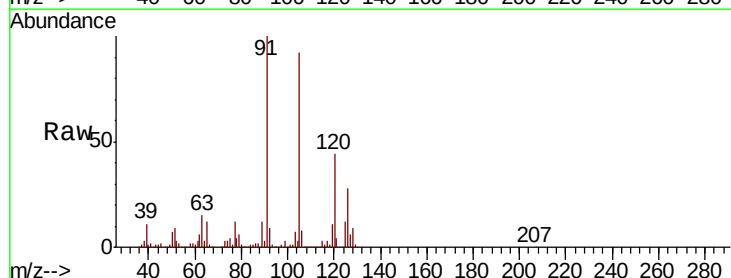
Manual Integrations
APPROVED

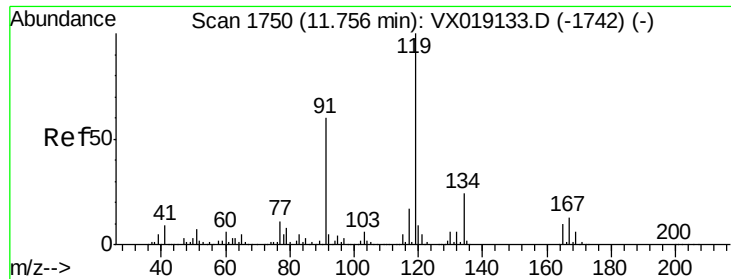
MMDadoda
11/6/2020 9:24:02 AM



#82
4-Chlorotoluene
Concen: 49.164 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.7	14.8	44.4





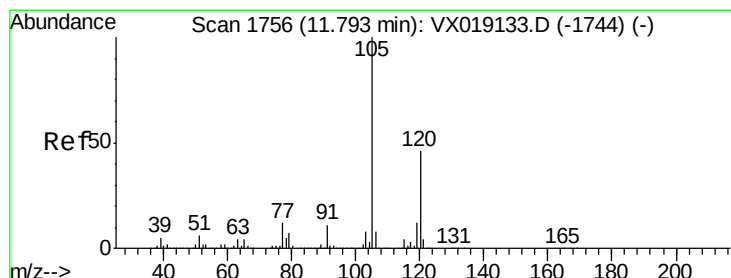
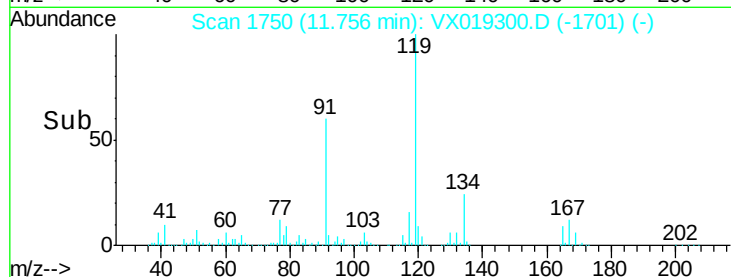
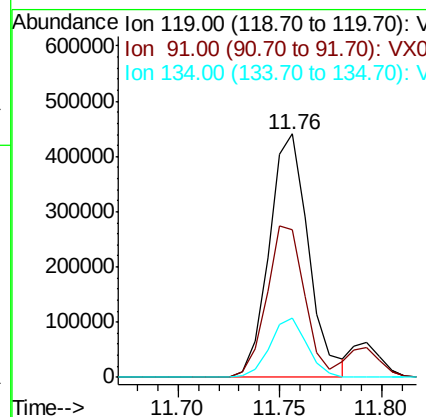
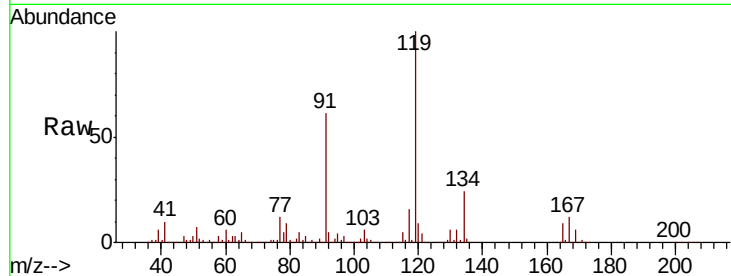
#83
tert-Butylbenzene
Concen: 49.380 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	591899		
91	59.9	29.0	87.1	
134	23.1	11.7	35.0	

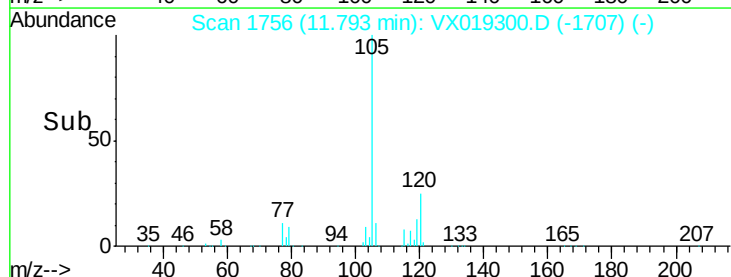
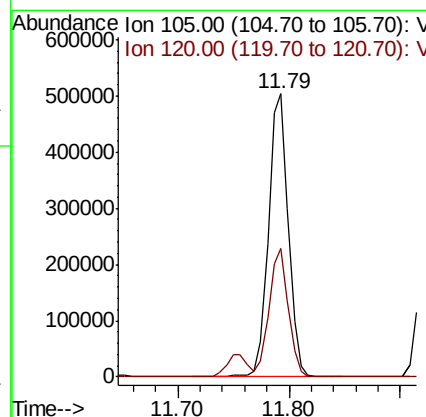
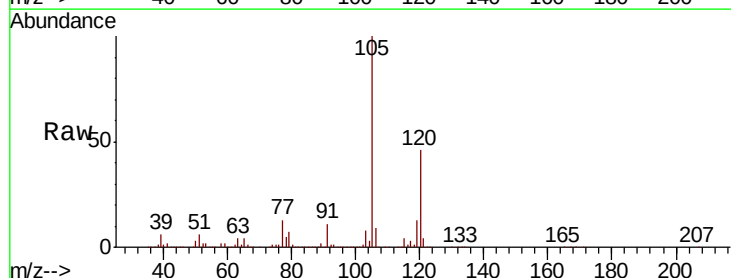
Manual Integrations
APPROVED

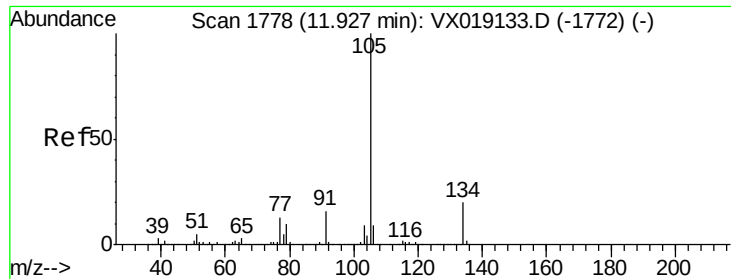
MMDadoda
11/6/2020 9:24:02 AM



#84
1,2,4-Trimethylbenzene
Concen: 49.784 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	629190		
120	44.1	22.4	67.3	





#85

sec-Butylbenzene

Concen: 50.664 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 728363

Ion Ratio Lower Upper

105 100

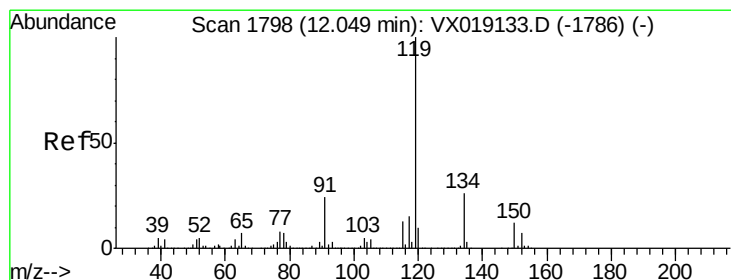
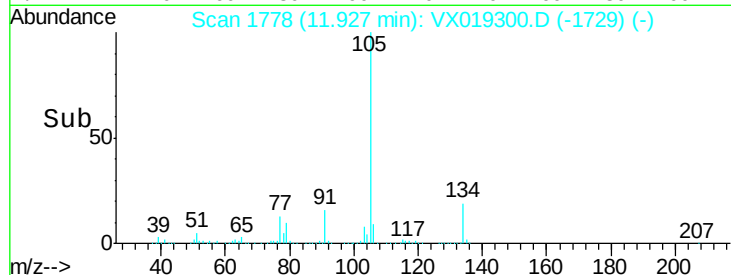
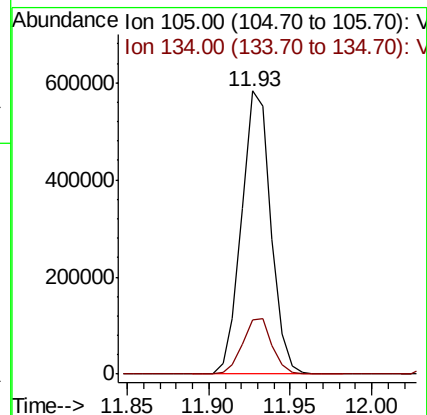
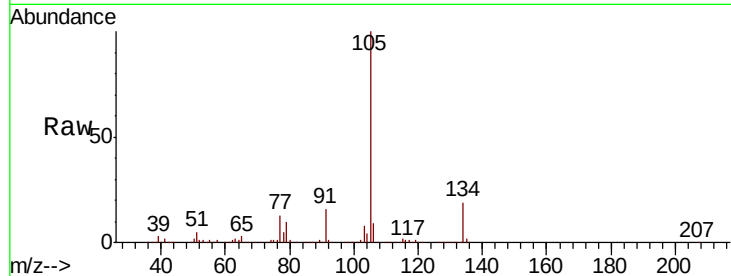
134 19.7 10.1 30.1

Manual Integrations

APPROVED

MMDadoda

11/6/2020 9:24:02 AM



#86

p-Isopropyltoluene

Concen: 50.739 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX019300.D

Acq: 05 Nov 2020 09:41

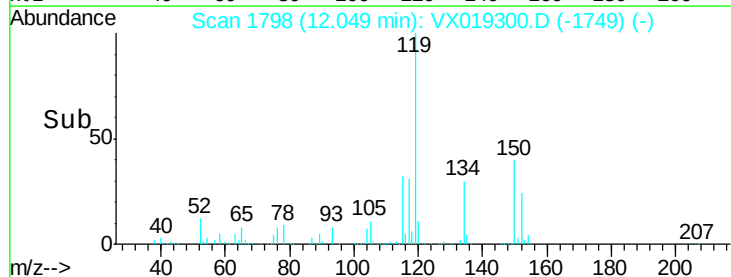
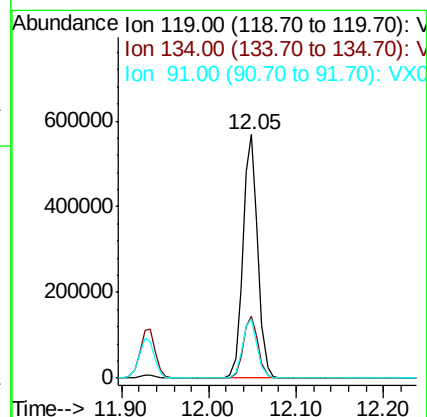
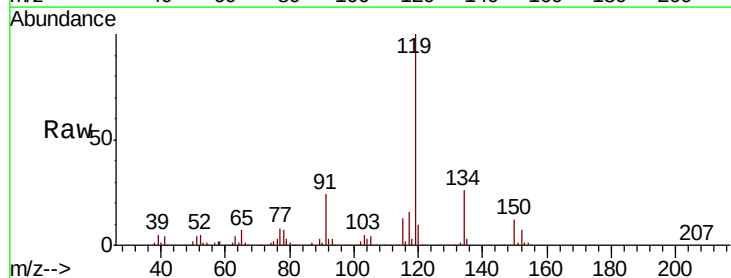
Tgt Ion:119 Resp: 673274

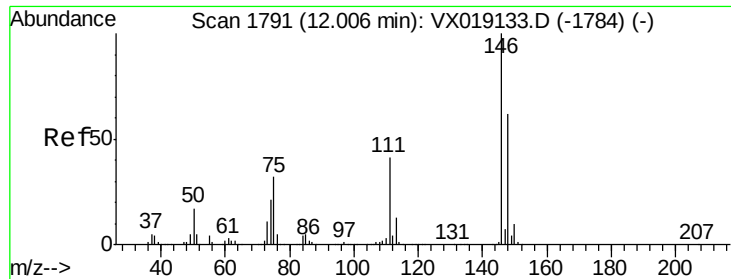
Ion Ratio Lower Upper

119 100

134 25.4 12.9 38.7

91 24.3 12.0 36.0





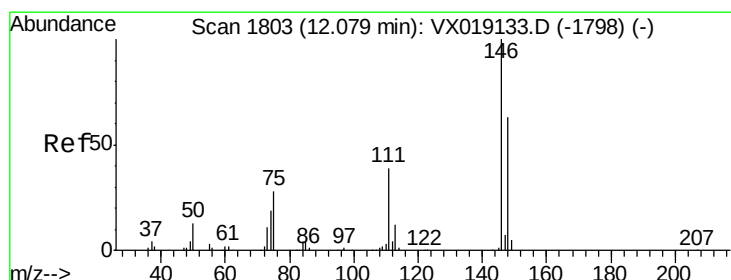
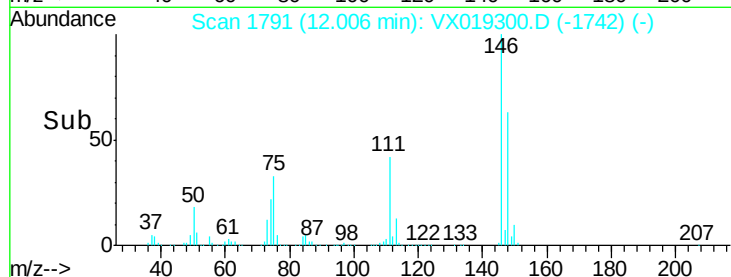
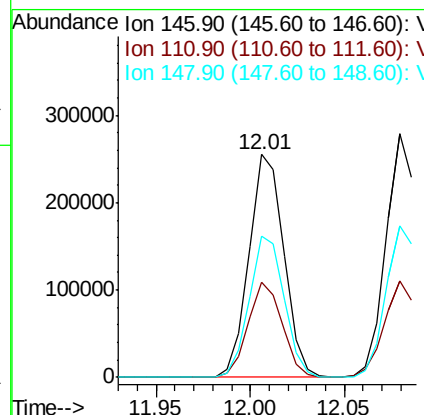
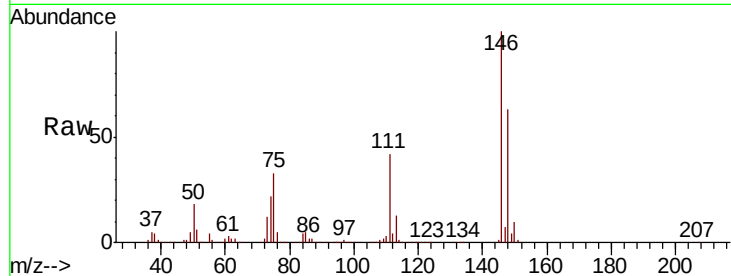
#87
 1,3-Dichlorobenzene
 Concen: 47.929 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019300.D
 Acq: 05 Nov 2020 09:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.4	61.2
148	63.4	31.6	94.8

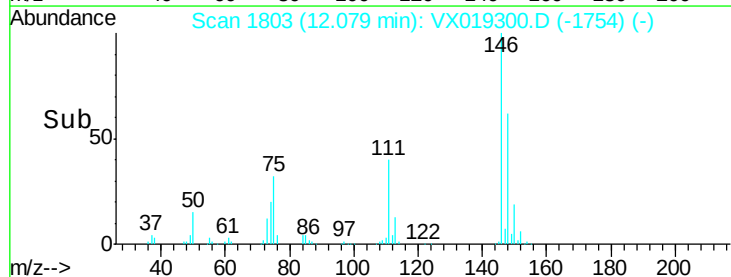
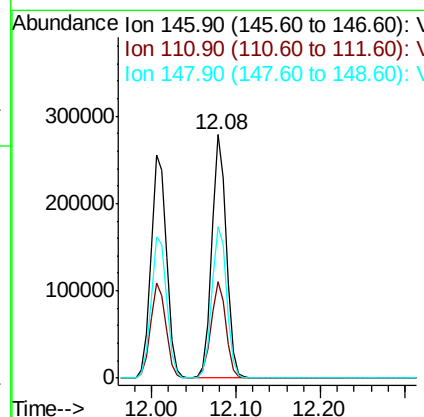
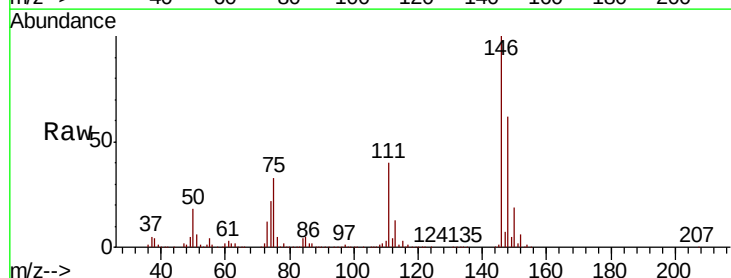
Manual Integrations
 APPROVED

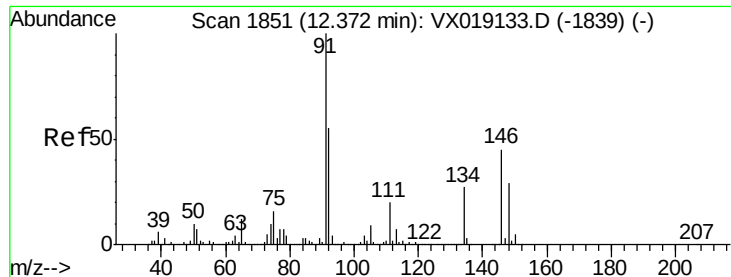
MMDadoda
 11/6/2020 9:24:02 AM



#88
 1,4-Dichlorobenzene
 Concen: 46.872 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019300.D
 Acq: 05 Nov 2020 09:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.2	60.5
148	63.6	31.3	93.8





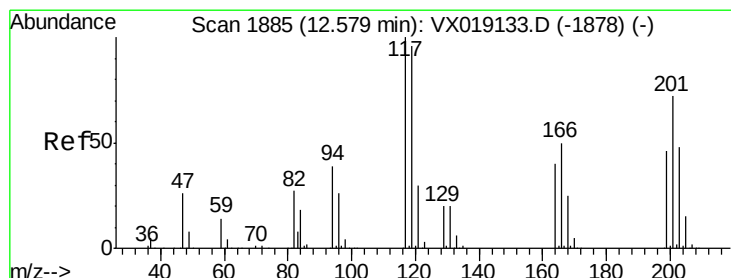
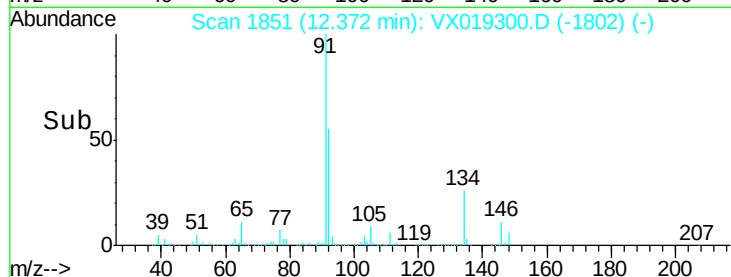
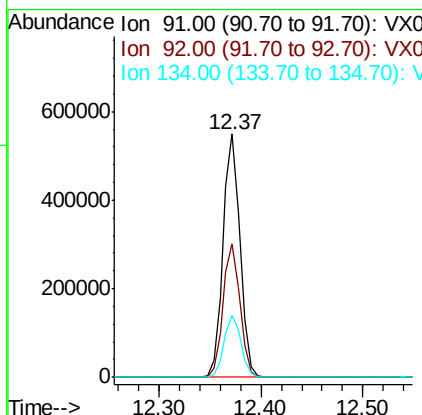
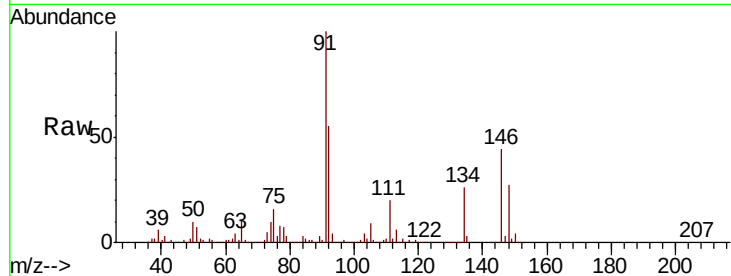
#89
n-Butylbenzene
Concen: 51.168 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.5	82.4
134	25.5	13.2	39.6

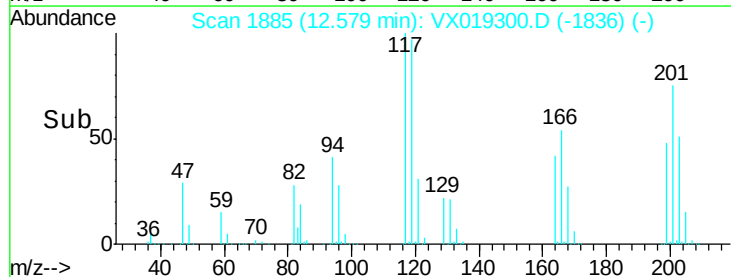
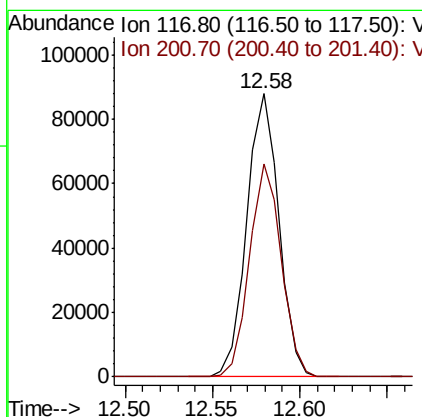
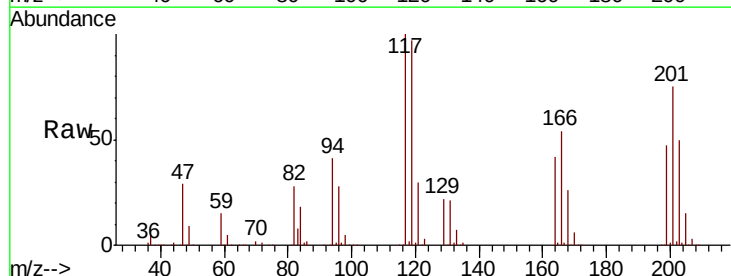
Manual Integrations
APPROVED

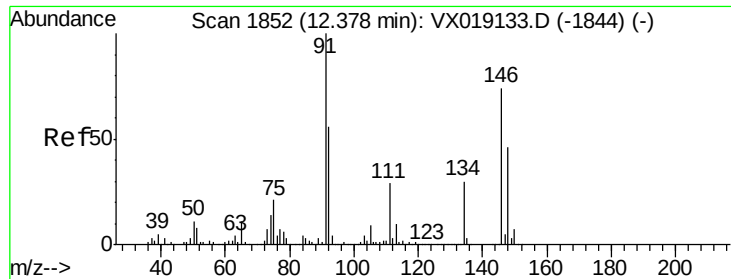
MMDadoda
11/6/2020 9:24:02 AM



#90
Hexachloroethane
Concen: 49.721 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.5	38.5	115.3





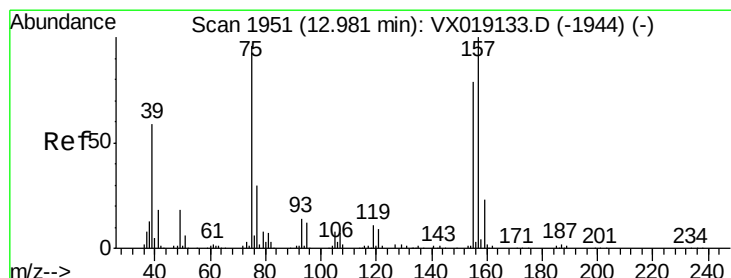
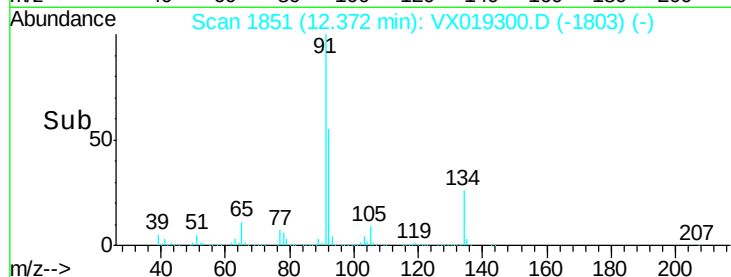
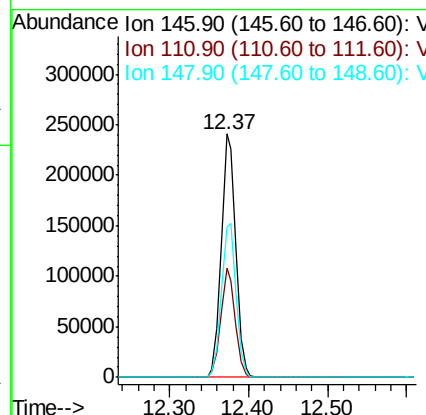
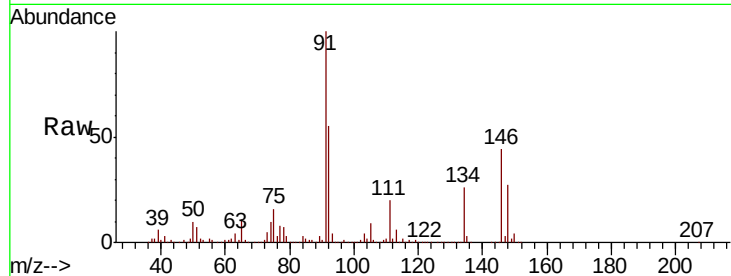
#91
 1,2-Dichlorobenzene
 Concen: 47.009 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX019300.D
 Acq: 05 Nov 2020 09:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.9	21.2	63.6
148	64.4	31.6	94.7

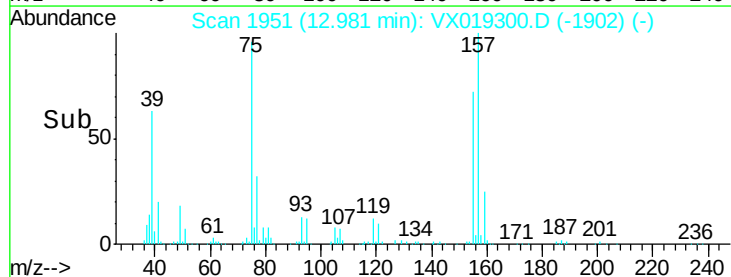
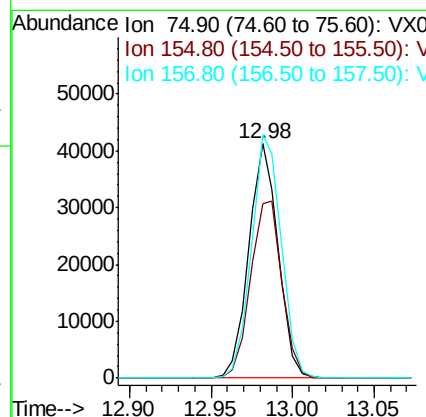
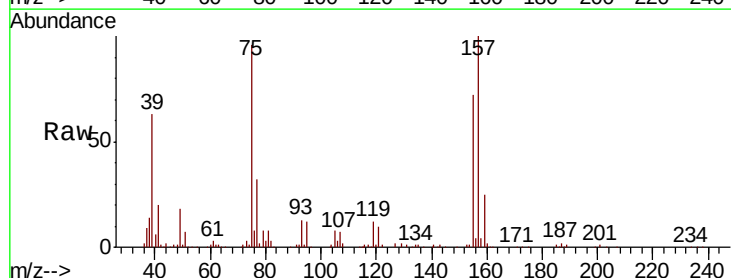
Manual Integrations
 APPROVED

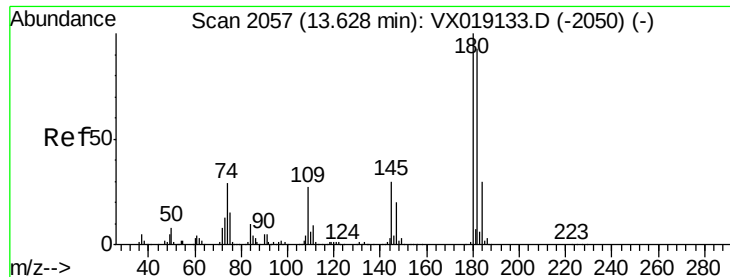
MMDadoda
 11/6/2020 9:24:02 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.584 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019300.D
 Acq: 05 Nov 2020 09:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.8	42.8	128.4
157	105.6	54.8	164.4





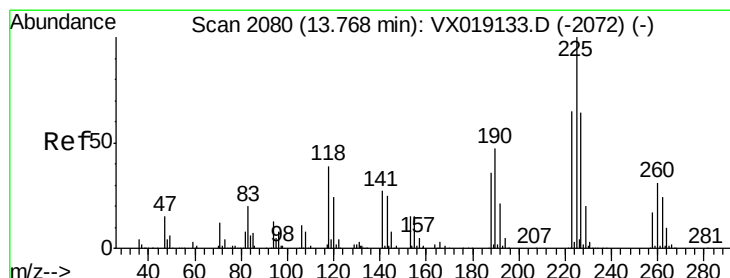
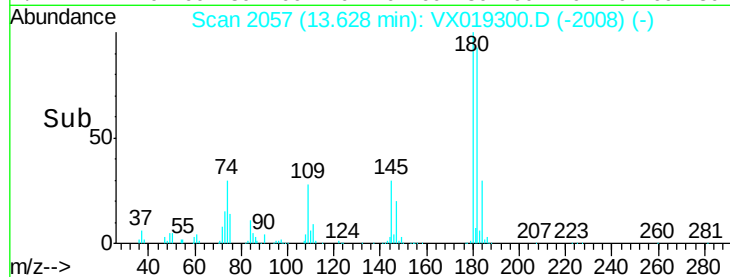
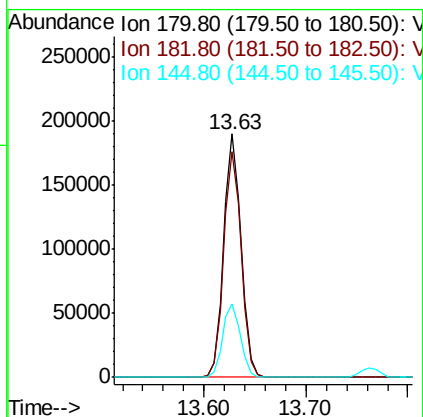
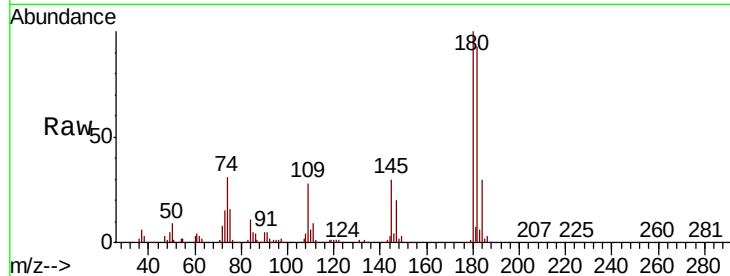
#93
 1,2,4-Trichlorobenzene
 Concen: 45.535 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019300.D
 Acq: 05 Nov 2020 09:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	224938		
182	93.5	46.8	140.3	
145	30.8	15.5	46.5	

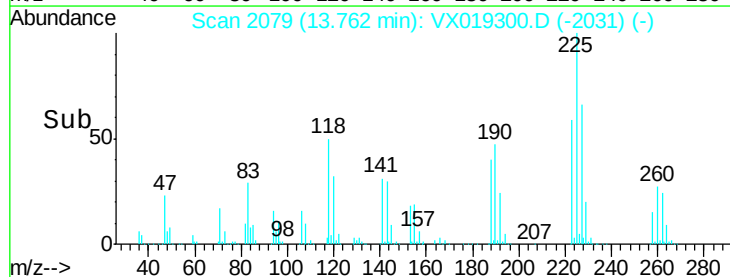
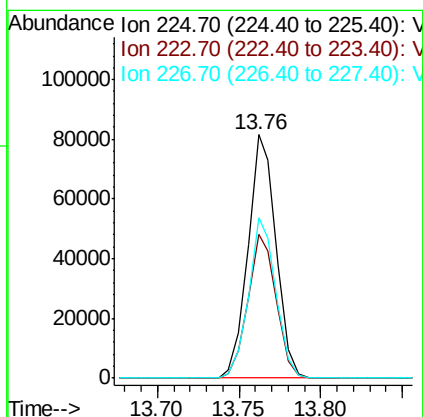
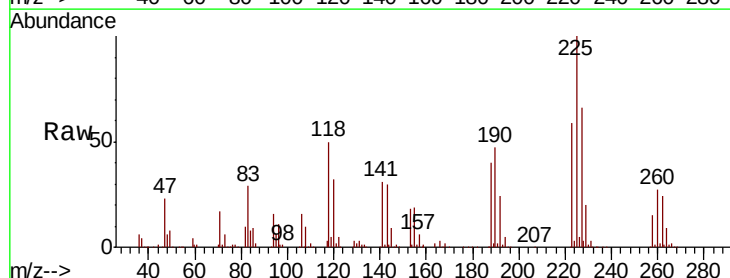
Manual Integrations
 APPROVED

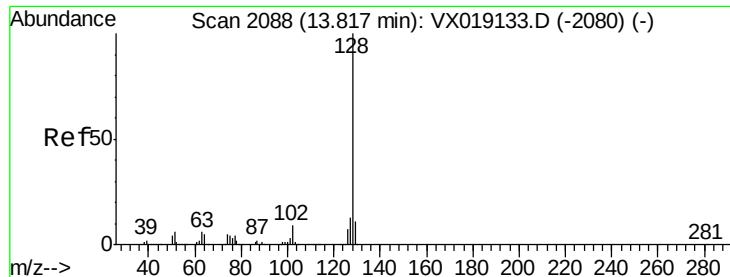
MMDadoda
 11/6/2020 9:24:02 AM



#94
 Hexachlorobutadiene
 Concen: 44.971 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX019300.D
 Acq: 05 Nov 2020 09:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	97792		
223	59.4	32.4	97.2	
227	63.7	31.6	94.7	





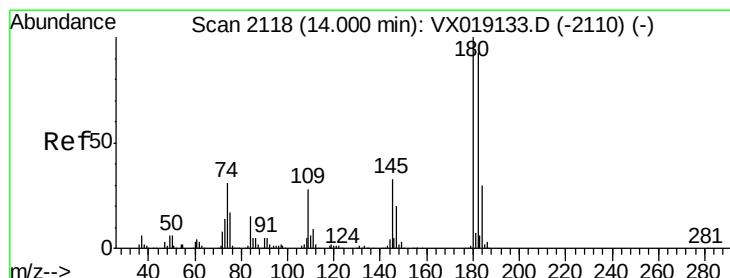
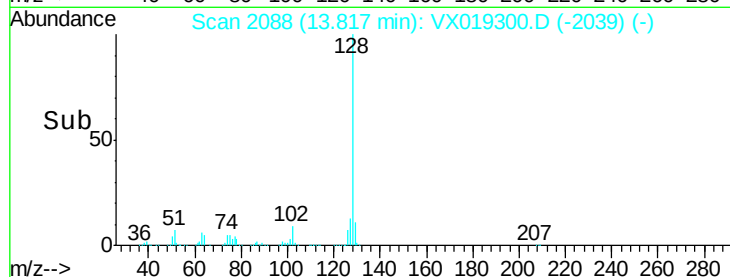
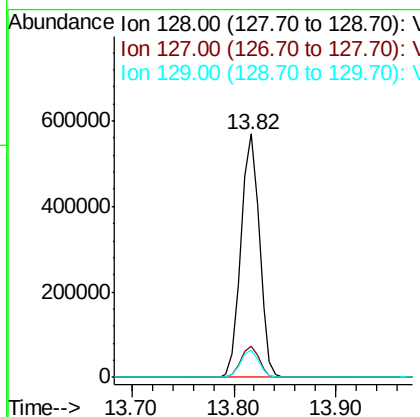
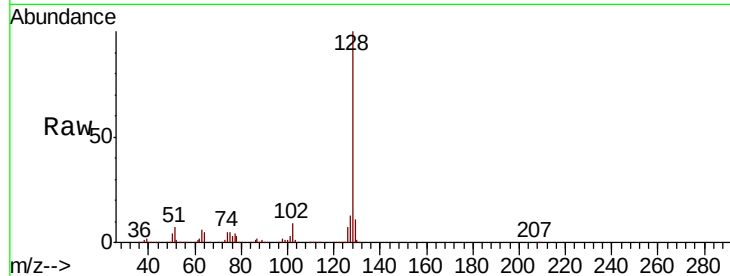
#95
Naphthalene
Concen: 45.654 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	11.1	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
11/6/2020 9:24:02 AM



#96
1,2,3-Trichlorobenzene
Concen: 45.320 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019300.D
Acq: 05 Nov 2020 09:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.8	143.3
145	33.2	16.5	49.5

