

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110620\
 Data File : VX019327.D
 Acq On : 05 Nov 2020 20:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/6/2020 9:23:27 AM

Quant Time: Nov 06 02:55:34 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	5.63	168	254242	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	438889	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	398246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	196251	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	166649	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
35) Dibromofluoromethane	5.46	113	131962	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
50) Toluene-d8	8.70	98	494329	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
62) 4-Bromofluorobenzene	11.12	95	192000	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	107487	50.713	ug/l	99
3) Chloromethane	1.31	50	122234	51.621	ug/l	99
4) Vinyl Chloride	1.39	62	147927	53.868	ug/l	99
5) Bromomethane	1.64	94	90984	48.514	ug/l	100
6) Chloroethane	1.71	64	97085	55.371	ug/l	96
7) Trichlorofluoromethane	1.92	101	227262	52.677	ug/l	98
8) Diethyl Ether	2.17	74	93121	56.241	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	125235	52.371	ug/l	99
10) Methyl Iodide	2.49	142	138415	49.161	ug/l	100
11) Tert butyl alcohol	3.03	59	191384	295.527	ug/l	98
12) 1,1-Dichloroethene	2.36	96	130141	52.814	ug/l	99
13) Acrolein	2.28	56	92857	319.103	ug/l	98
14) Allyl chloride	2.71	41	211810	56.750	ug/l	98
15) Acrylonitrile	3.12	53	398050	292.502	ug/l	99
16) Acetone	2.42	43	329105	290.955	ug/l	99
17) Carbon Disulfide	2.55	76	344124	49.008	ug/l	100
18) Methyl Acetate	2.75	43	165719	60.249	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	488569	57.223	ug/l	99
20) Methylene Chloride	2.84	84	151690	53.418	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	147465	51.998	ug/l	94
22) Diisopropyl ether	3.82	45	440893	59.253	ug/l	96
23) Vinyl Acetate	3.78	43	1969851	296.869	ug/l	98
24) 1,1-Dichloroethane	3.67	63	262971	56.604	ug/l	100
25) 2-Butanone	4.64	43	528778	296.625	ug/l	97
26) 2,2-Dichloropropane	4.56	77	218135	49.945	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	170966	53.948	ug/l	98
28) Bromochloromethane	4.98	49	114309	54.123	ug/l	94
29) Tetrahydrofuran	5.09	42	343323	305.607	ug/l	98
30) Chloroform	5.18	83	275373	55.687	ug/l	98
31) Cyclohexane	5.55	56	220490	53.199	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	246301	54.937	ug/l	99
36) 1,1-Dichloropropene	5.77	75	205026	50.588	ug/l	99
37) Ethyl Acetate	4.79	43	213147	56.644	ug/l	99
38) Carbon Tetrachloride	5.76	117	209225	50.647	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110620\
 Data File : VX019327.D
 Acq On : 05 Nov 2020 20:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/6/2020 9:23:27 AM

Quant Time: Nov 06 02:55:34 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	230000	47.462	ug/l	98
40) Benzene	6.11	78	607153	52.837	ug/l	100
41) Methacrylonitrile	5.00	41	112788	55.658	ug/l	98
42) 1,2-Dichloroethane	6.16	62	224269	52.956	ug/l	100
43) Isopropyl Acetate	6.41	43	350282	55.594	ug/l	99
44) Trichloroethene	7.19	130	162083	49.251	ug/l	96
45) 1,2-Dichloropropane	7.49	63	154554	54.913	ug/l	99
46) Dibromomethane	7.63	93	107213	51.514	ug/l	97
47) Bromodichloromethane	7.88	83	216795	52.847	ug/l	99
48) Methyl methacrylate	7.74	41	171563	56.573	ug/l	97
49) 1,4-Dioxane	7.73	88	71022	1053.084	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1054019	291.057	ug/l	99
52) Toluene	8.76	92	389012	52.563	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	243397	51.946	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	260835	52.939	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	155013	53.010	ug/l	100
56) Ethyl methacrylate	9.16	69	249930	56.585	ug/l	98
57) 1,3-Dichloropropane	9.35	76	265427	53.837	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	645162	261.180	ug/l	98
59) 2-Hexanone	9.47	43	797818	289.420	ug/l	99
60) Dibromochloromethane	9.57	129	166866	52.581	ug/l	100
61) 1,2-Dibromoethane	9.65	107	164358	52.561	ug/l	98
64) Tetrachloroethene	9.32	164	142117	46.838	ug/l	98
65) Chlorobenzene	10.12	112	402123	49.402	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	149804	51.122	ug/l	99
67) Ethyl Benzene	10.24	91	743729	51.276	ug/l	98
68) m/p-Xylenes	10.34	106	554655	101.889	ug/l	98
69) o-Xylene	10.68	106	266847	51.681	ug/l	99
70) Styrene	10.70	104	455832	51.741	ug/l	99
71) Bromoform	10.84	173	117312	50.493	ug/l	100
73) Isopropylbenzene	11.00	105	709005	51.038	ug/l	100
74) N-amyl acetate	10.88	43	303066	59.668	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	239328	55.126	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	222228m	54.842	ug/l	
77) Bromobenzene	11.24	156	174151	50.512	ug/l	93
78) n-propylbenzene	11.34	91	817857	51.574	ug/l	99
79) 2-Chlorotoluene	11.40	91	488676	52.343	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	598609	51.008	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	79306	51.531	ug/l	97
82) 4-Chlorotoluene	11.49	91	584759	51.291	ug/l	98
83) tert-Butylbenzene	11.76	119	575049	51.176	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	620307	52.357	ug/l	99
85) sec-Butylbenzene	11.93	105	677150	50.245	ug/l	99
86) p-Isopropyltoluene	12.05	119	629542	50.609	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	313677	48.855	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	329624	49.319	ug/l	99
89) n-Butylbenzene	12.37	91	580692	49.664	ug/l	99
90) Hexachloroethane	12.58	117	105234	49.771	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	309439	50.191	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	57749	54.336	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110620\
Data File : VX019327.D
Acq On : 05 Nov 2020 20:10
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 55 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

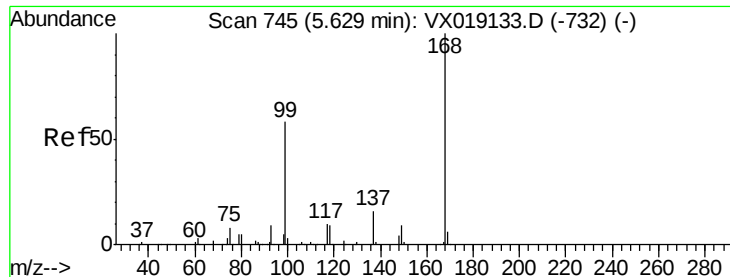
Manual Integrations
APPROVED

MMDadoda
11/6/2020 9:23:27 AM

Quant Time: Nov 06 02:55:34 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	214351	46.287	ug/l	99
94) Hexachlorobutadiene	13.76	225	79745	39.118	ug/l	98
95) Naphthalene	13.82	128	761451	52.207	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	205354	45.710	ug/l	98

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



#1

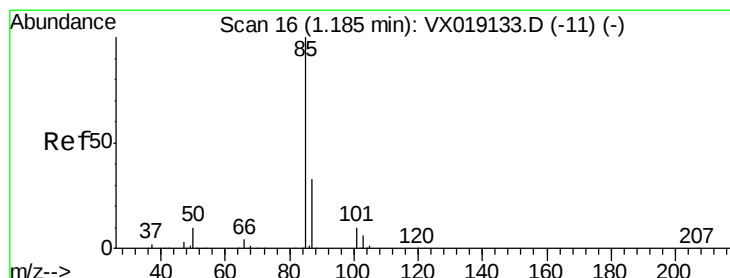
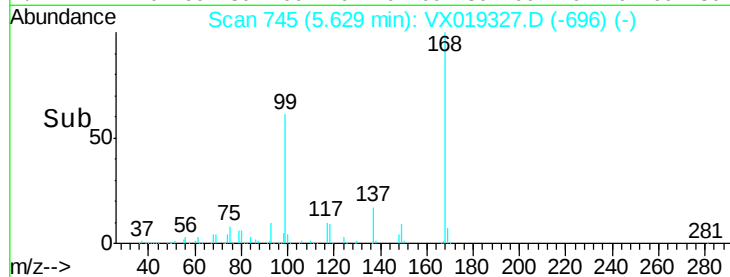
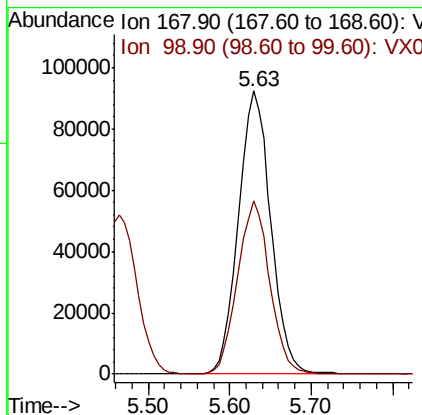
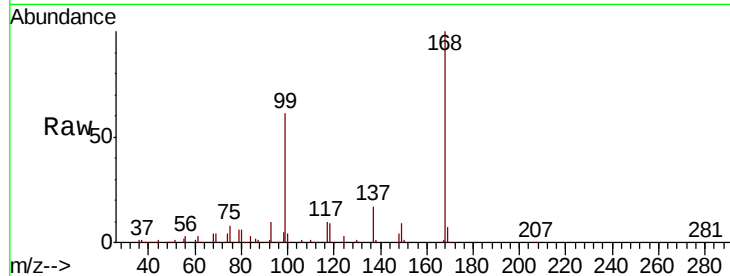
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: VX019327.D
 Acq: 05 Nov 2020 20:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	61.0	46.6	69.8

Manual Integrations
 APPROVED

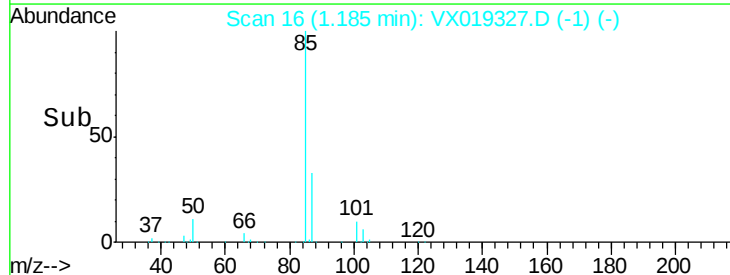
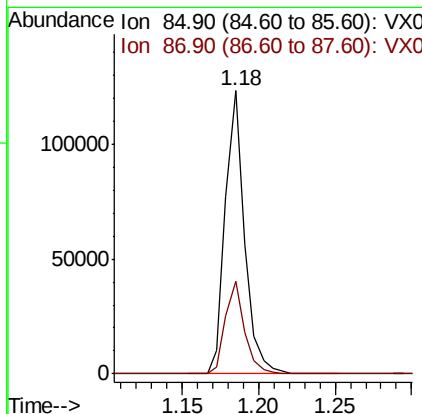
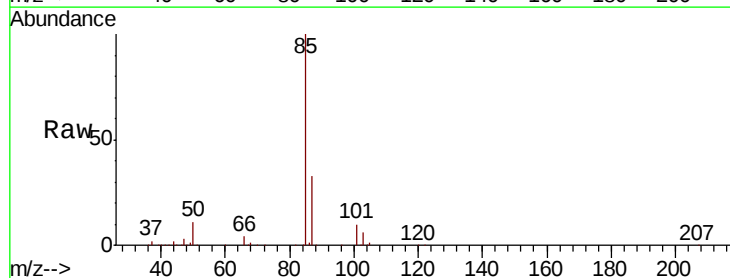
MMDadoda
 11/6/2020 9:23:27 AM

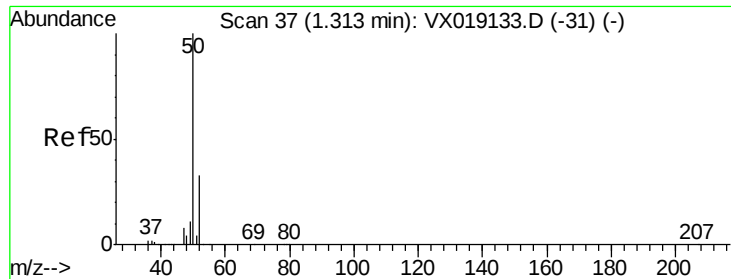


#2

Dichlorodifluoromethane
 Concen: 50.713 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. -0.00 min
 Lab File: VX019327.D
 Acq: 05 Nov 2020 20:10

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.8	16.6	49.7





#3

Chloromethane

Concen: 51.621 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019327.D

Acq: 05 Nov 2020 20:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 122234

Ion Ratio Lower Upper

50 100

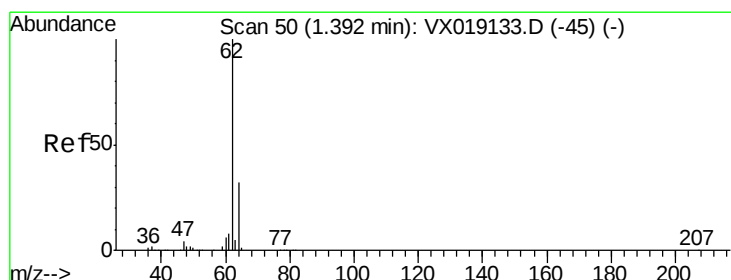
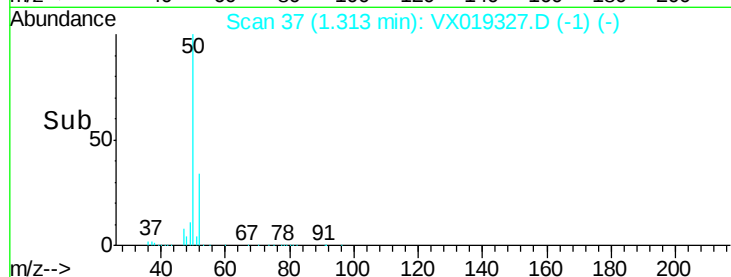
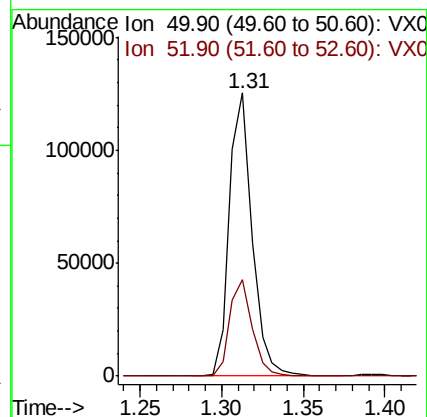
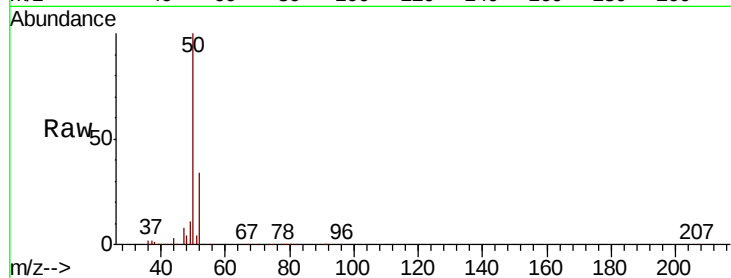
52 33.9 26.8 40.2

Manual Integrations

APPROVED

MMDadoda

11/6/2020 9:23:27 AM



#4

Vinyl Chloride

Concen: 53.868 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019327.D

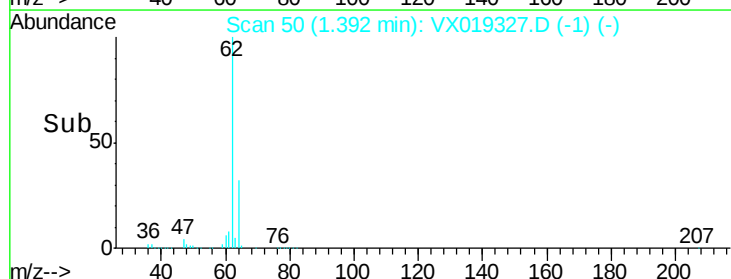
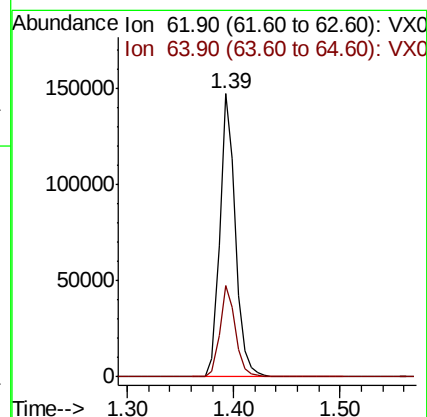
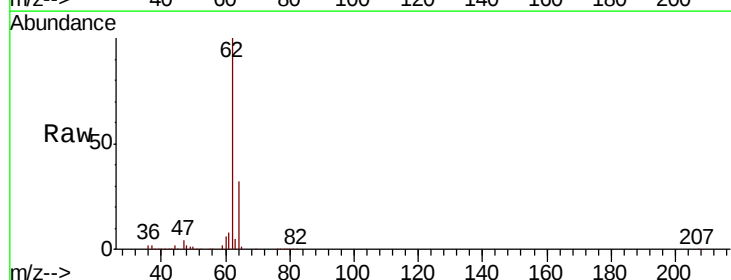
Acq: 05 Nov 2020 20:10

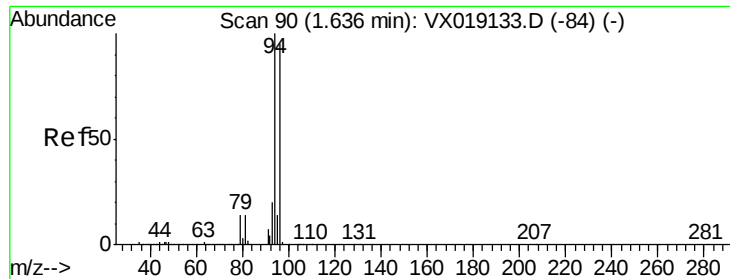
Tgt Ion: 62 Resp: 147927

Ion Ratio Lower Upper

62 100

64 32.5 25.4 38.0





#5

Bromomethane

Concen: 48.514 ug/l

RT: 1.64 min Scan# 90

Delta R.T. -0.00 min

Lab File: VX019327.D

Acq: 05 Nov 2020 20:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 90984

Ion Ratio Lower Upper

94 100

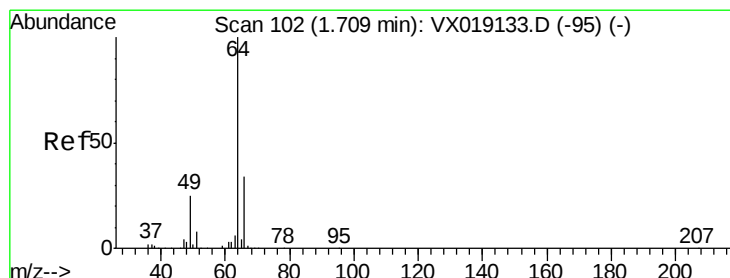
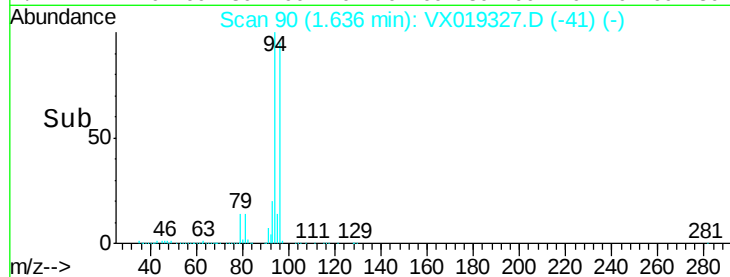
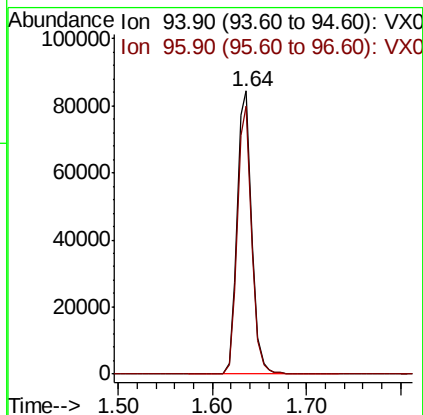
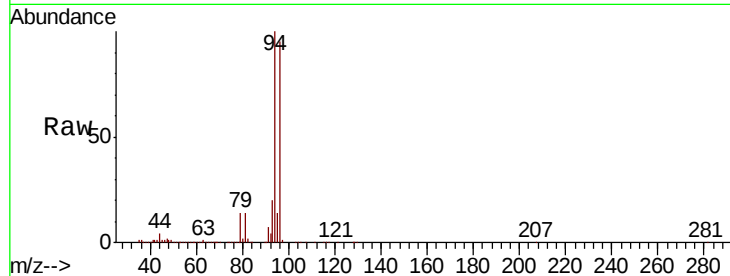
96 94.6 76.0 114.0

Manual Integrations

APPROVED

MMDadoda

11/6/2020 9:23:27 AM



#6

Chloroethane

Concen: 55.371 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX019327.D

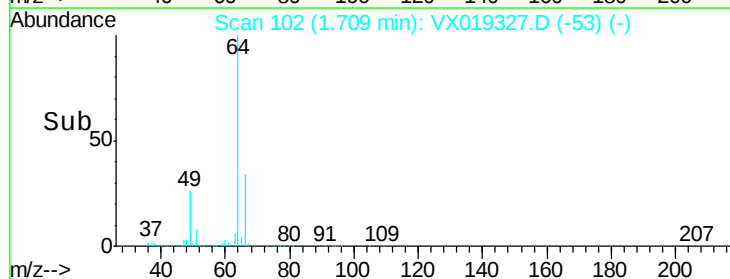
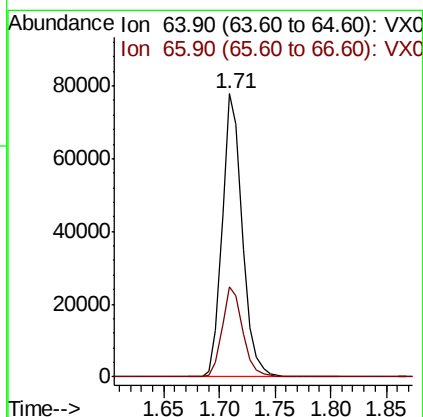
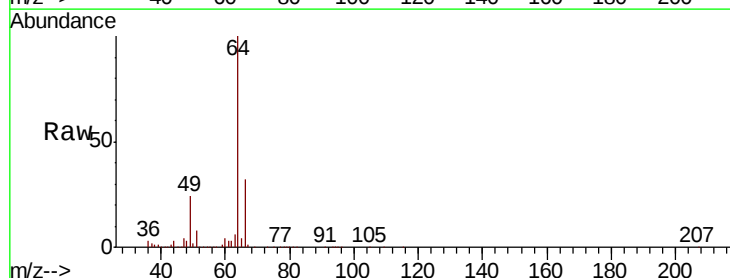
Acq: 05 Nov 2020 20:10

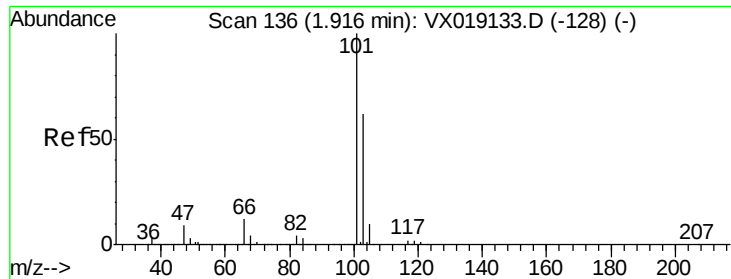
Tgt Ion: 64 Resp: 97085

Ion Ratio Lower Upper

64 100

66 31.8 27.1 40.7





#7

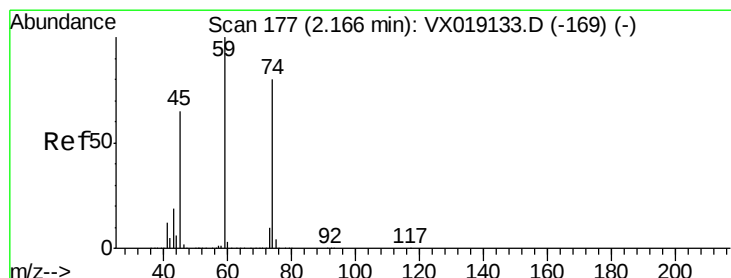
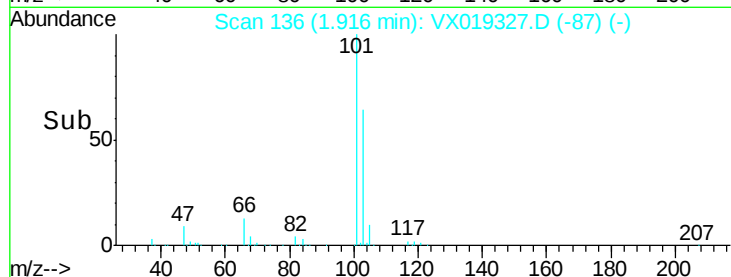
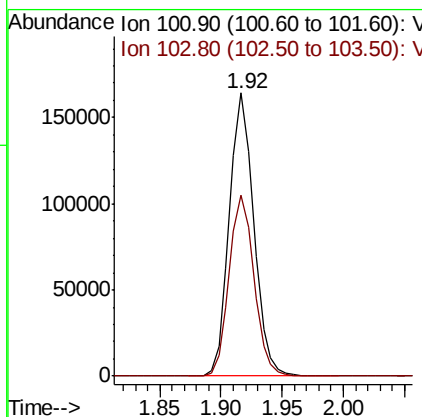
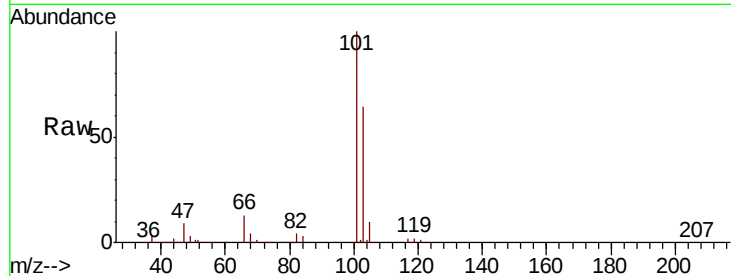
Trichlorofluoromethane
Concen: 52.677 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX019327.D
Acq: 05 Nov 2020 20:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	50.0	75.0

Manual Integrations
APPROVED

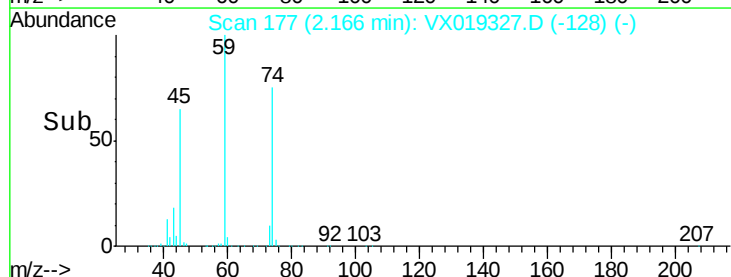
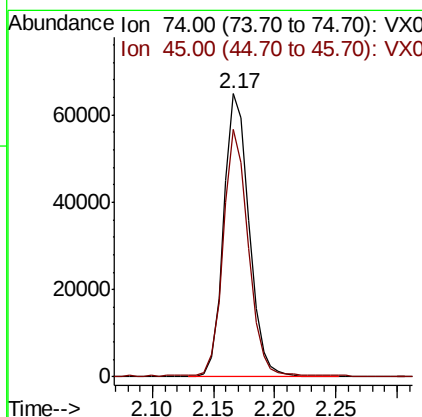
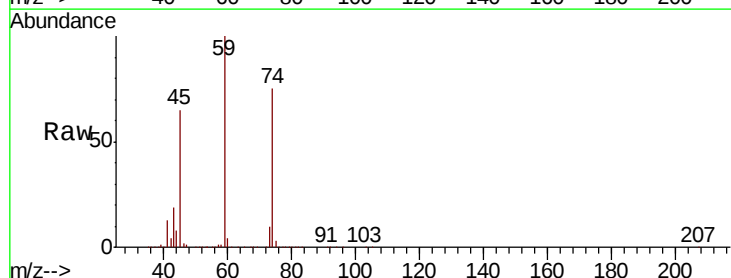
MMDadoda
11/6/2020 9:23:27 AM

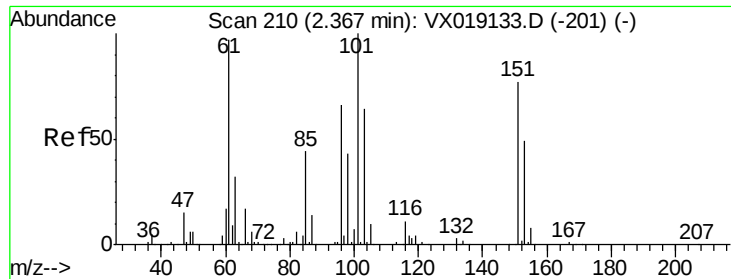


#8

Diethyl Ether
Concen: 56.241 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019327.D
Acq: 05 Nov 2020 20:10

Tgt Ion	Ratio	Lower	Upper
74	100		
45	85.9	41.0	123.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.371 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019327.D

Acq: 05 Nov 2020 20:10

Instrument :

MSVOA_X

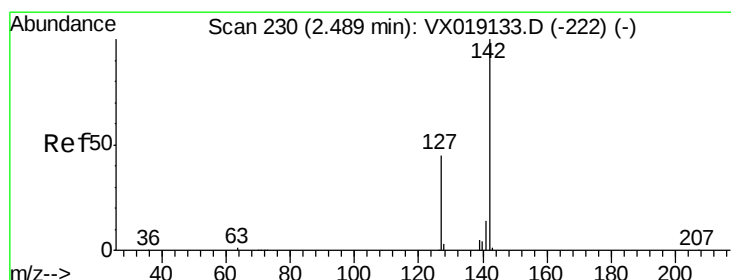
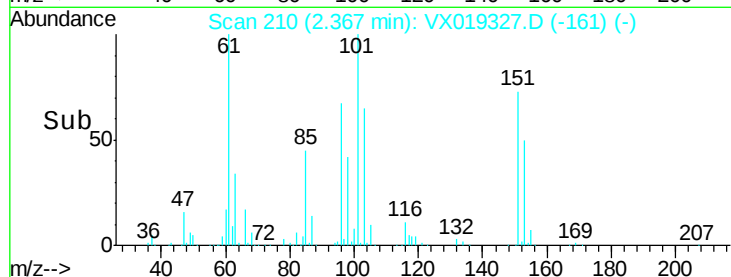
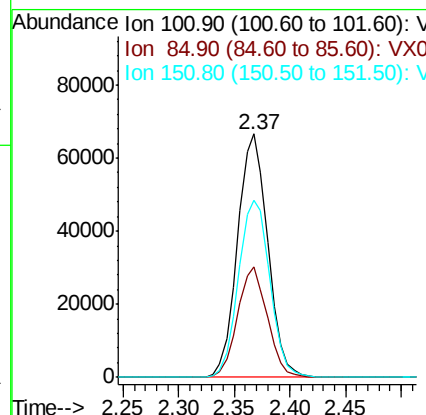
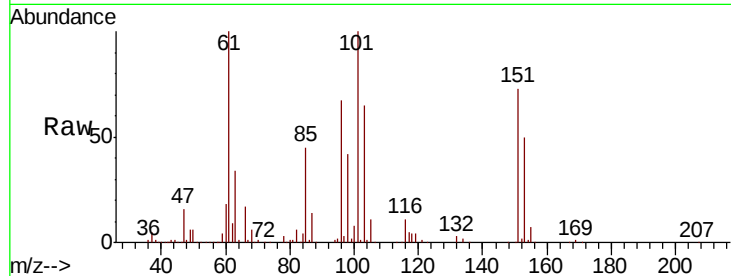
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	125235
Ion Ratio	Lower	Upper	
101	100		
85	44.7	35.0	52.4
151	75.8	61.4	92.2

Manual Integrations
APPROVED

MMDadoda
11/6/2020 9:23:27 AM



#10

Methyl Iodide

Concen: 49.161 ug/l

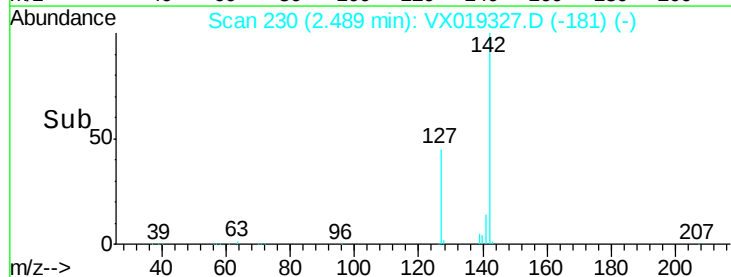
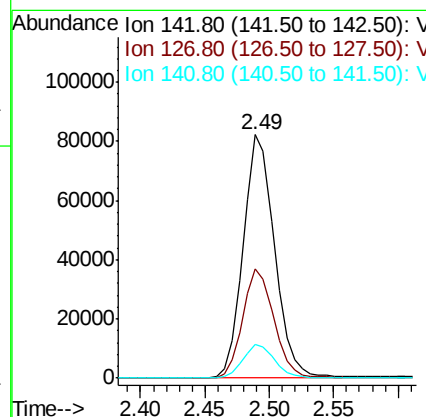
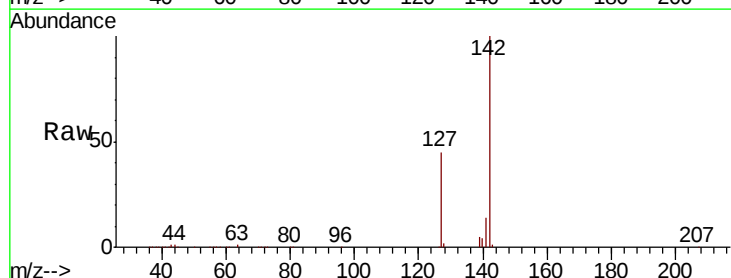
RT: 2.49 min Scan# 230

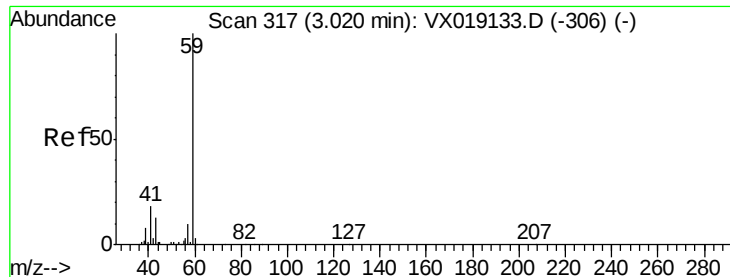
Delta R.T. 0.00 min

Lab File: VX019327.D

Acq: 05 Nov 2020 20:10

Tgt Ion:	142	Resp:	138415
Ion Ratio	Lower	Upper	
142	100		
127	45.2	36.1	54.1
141	14.1	11.3	16.9





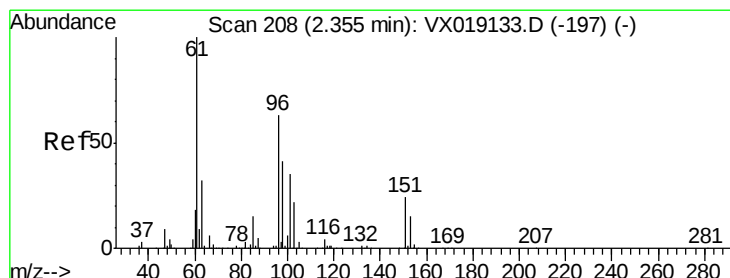
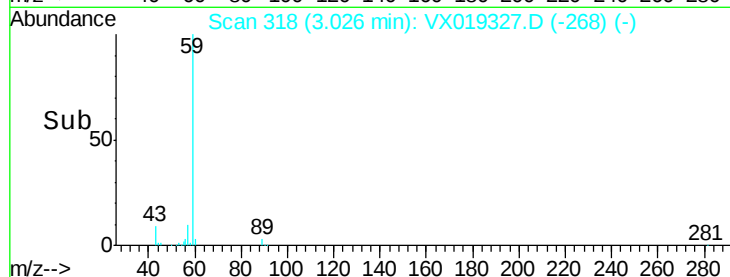
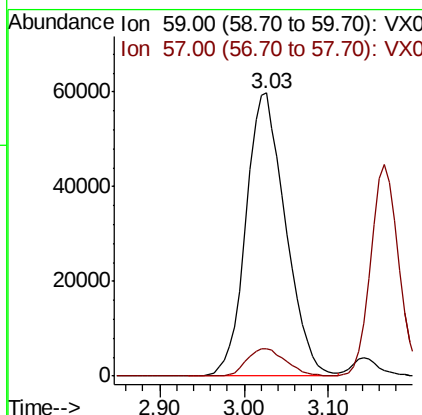
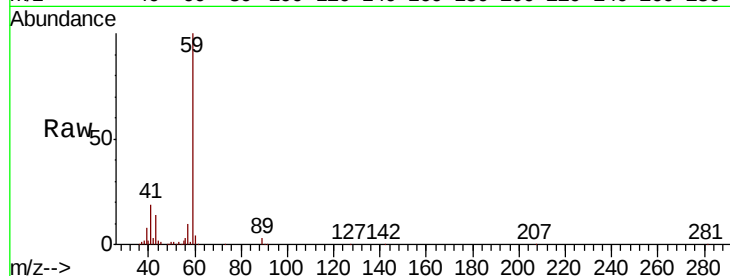
#11
Tert butyl alcohol
Concen: 295.527 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX019327.D
Acq: 05 Nov 2020 20:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
59	100	191384		
57	9.7		8.4	12.6

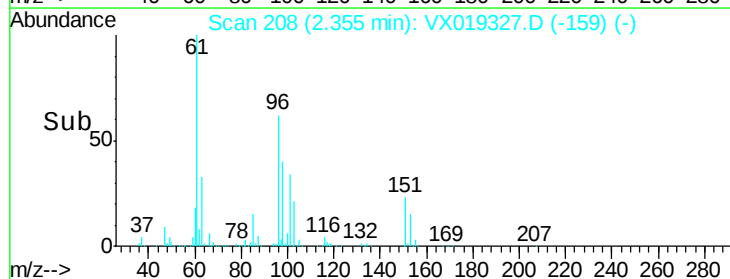
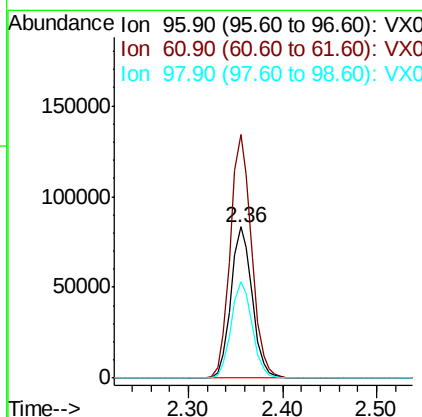
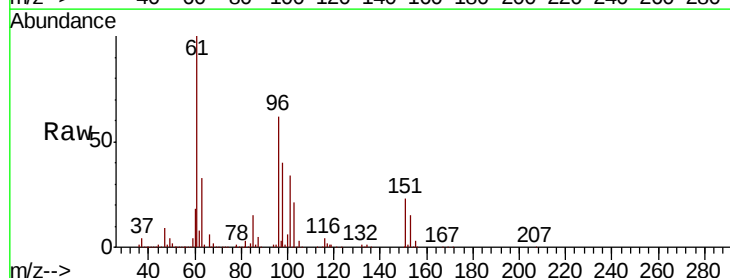
Manual Integrations
APPROVED

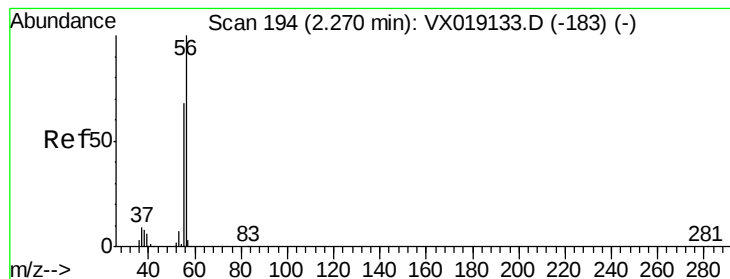
MMDadoda
11/6/2020 9:23:27 AM



#12
1,1-Dichloroethene
Concen: 52.814 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019327.D
Acq: 05 Nov 2020 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	130141		
61	161.4		127.7	191.5
98	63.8		52.1	78.1





#13

Acrolein

Concen: 319.103 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX019327.D

Acq: 05 Nov 2020 20:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 92857

Ion Ratio Lower Upper

56 100

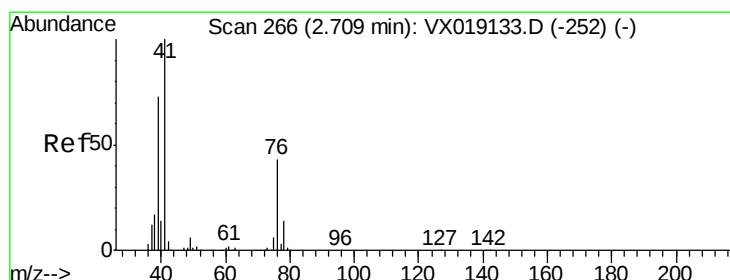
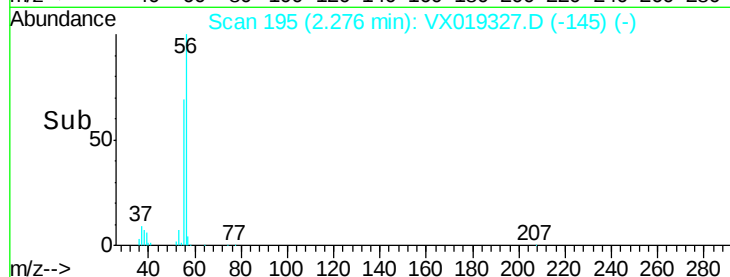
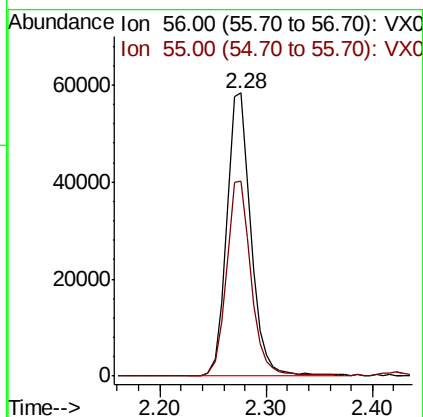
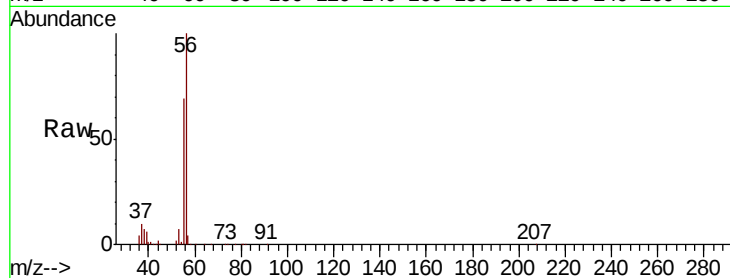
55 69.9 54.7 82.1

Manual Integrations

APPROVED

MMDadoda

11/6/2020 9:23:27 AM



#14

Allyl chloride

Concen: 56.750 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX019327.D

Acq: 05 Nov 2020 20:10

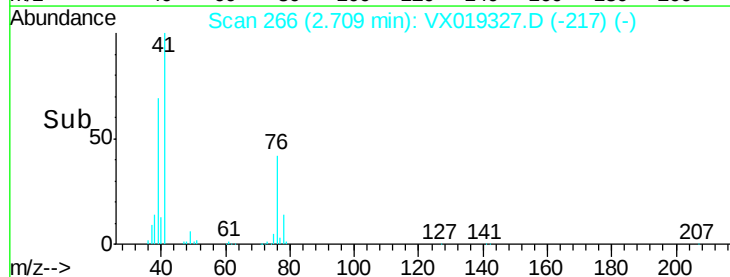
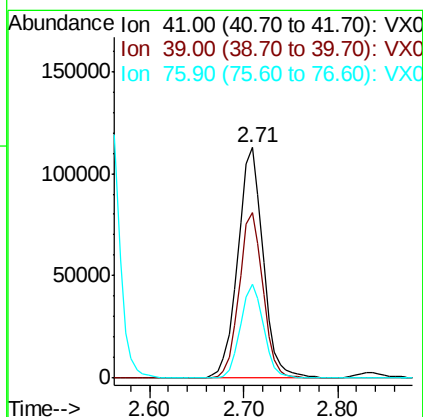
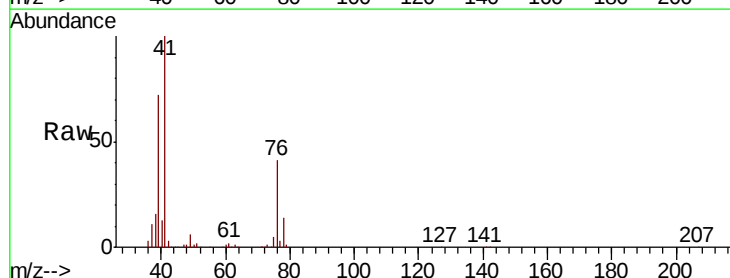
Tgt Ion: 41 Resp: 211810

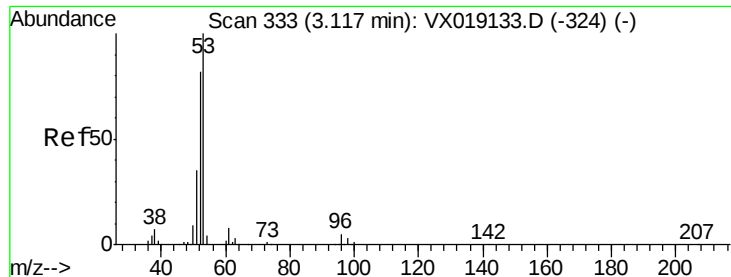
Ion Ratio Lower Upper

41 100

39 67.3 55.2 82.8

76 37.5 31.5 47.3





#15

Acrylonitrile

Concen: 292.502 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019327.D

Acq: 05 Nov 2020 20:10

Instrument :

MSVOA_X

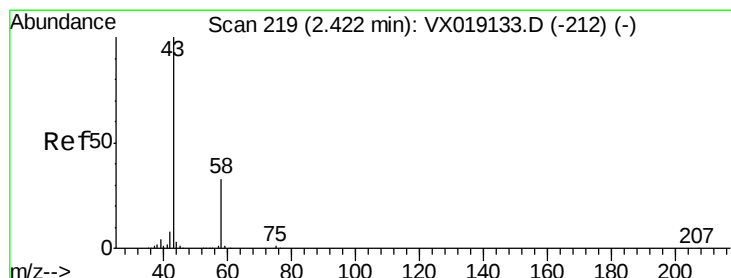
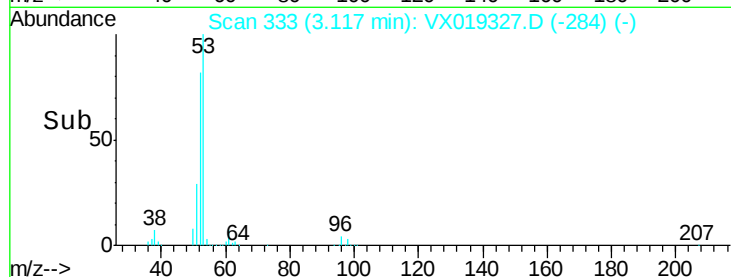
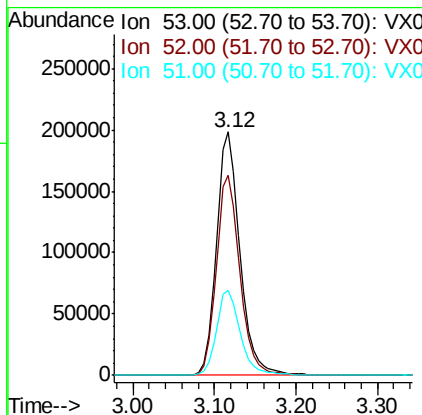
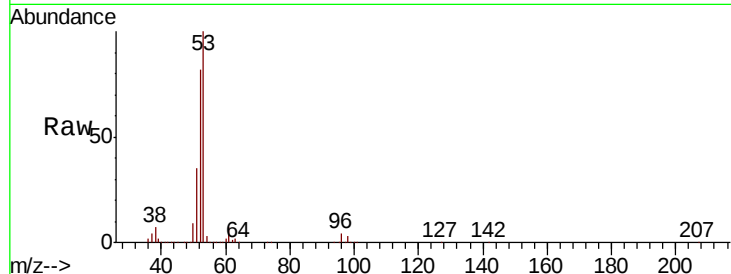
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	398050
Ion Ratio		Lower	Upper
53	100		
52	82.8	65.7	98.5
51	35.6	28.4	42.6

Manual Integrations
APPROVED

MMDadoda
11/6/2020 9:23:27 AM



#16

Acetone

Concen: 290.955 ug/l

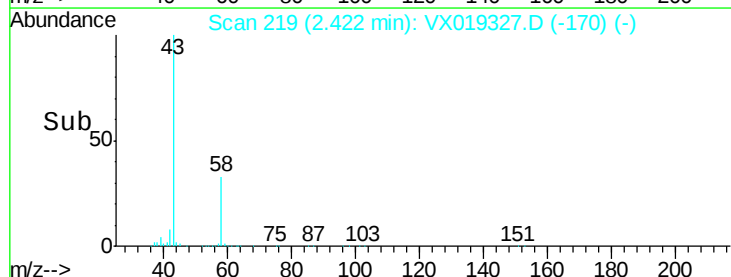
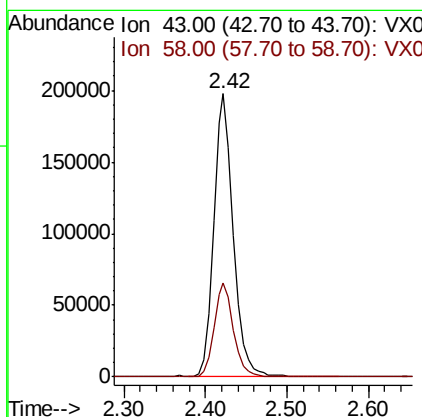
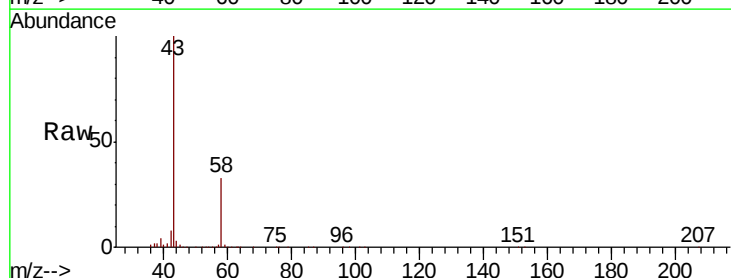
RT: 2.42 min Scan# 219

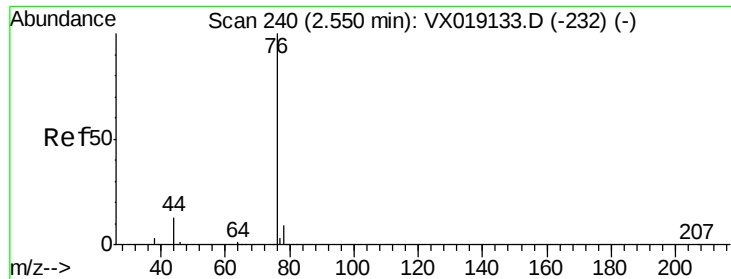
Delta R.T. -0.00 min

Lab File: VX019327.D

Acq: 05 Nov 2020 20:10

Tgt Ion:	43	Resp:	329105
Ion Ratio		Lower	Upper
43	100		
58	33.4	26.3	39.5





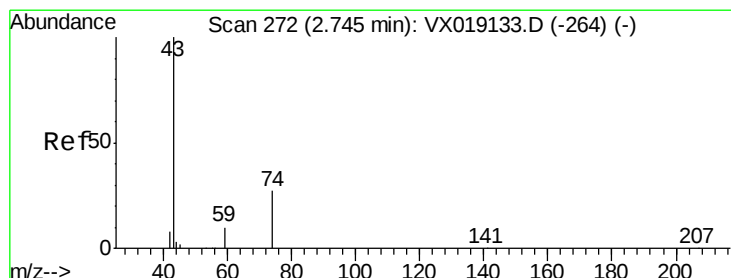
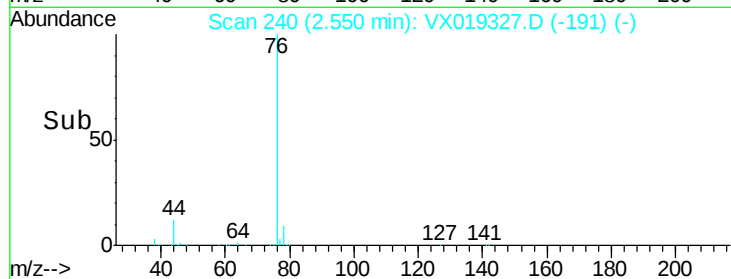
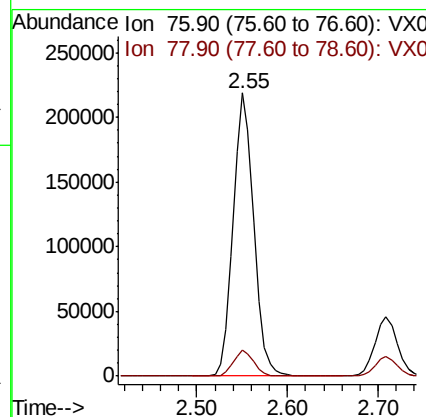
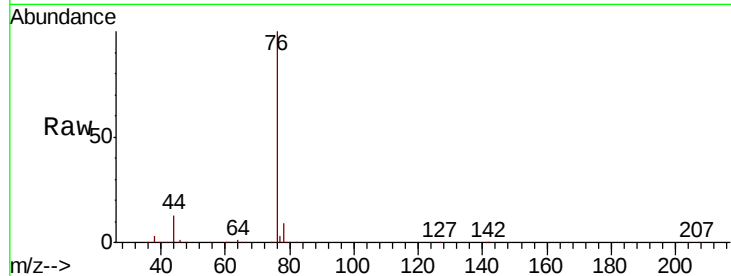
#17
Carbon Disulfide
Concen: 49.008 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019327.D
Acq: 05 Nov 2020 20:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.3	10.9

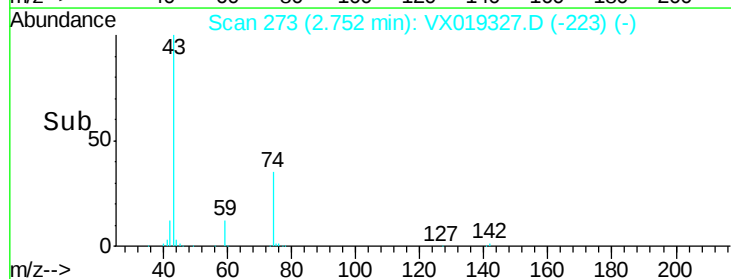
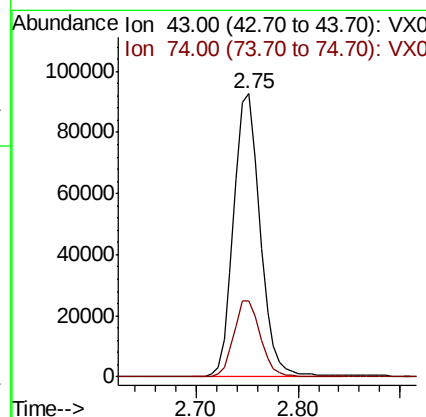
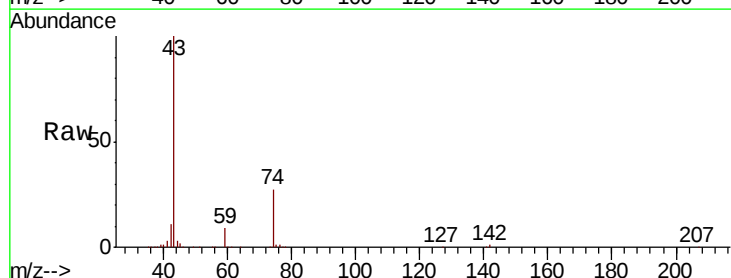
Manual Integrations
APPROVED

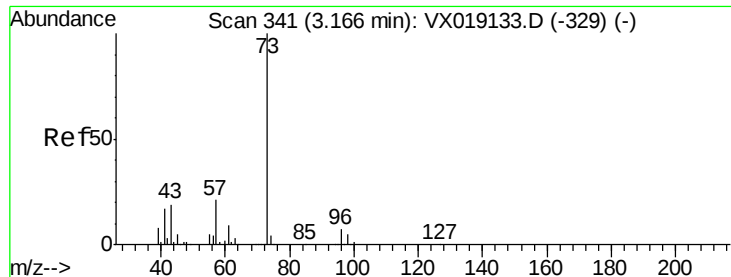
MMDadoda
11/6/2020 9:23:27 AM



#18
Methyl Acetate
Concen: 60.249 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX019327.D
Acq: 05 Nov 2020 20:10

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.8	22.6	33.8





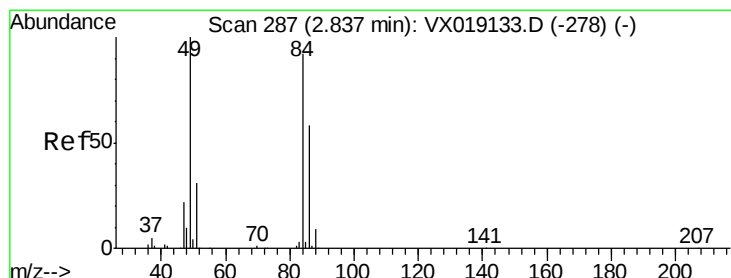
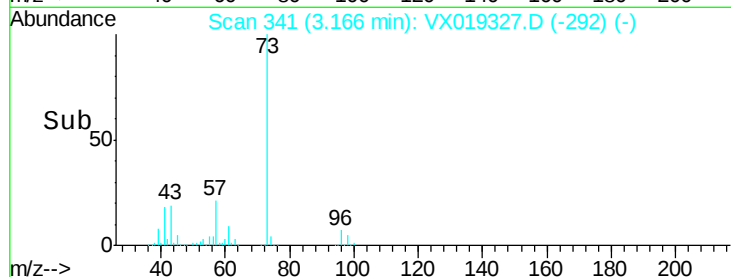
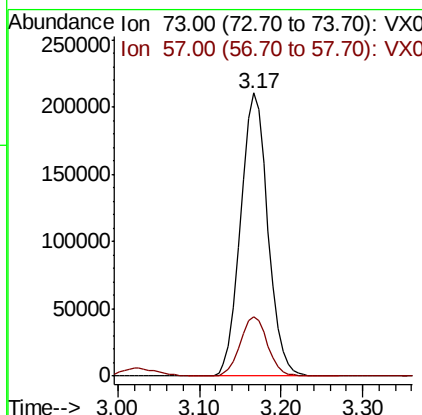
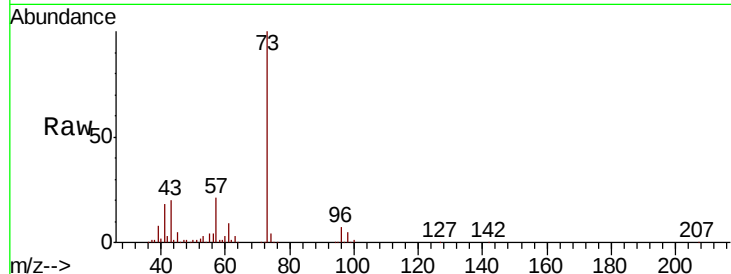
#19
Methvl tert-butvl Ether
Concen: 57.223 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019327.D
Acq: 05 Nov 2020 20:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 488569
Ion Ratio Lower Upper
73 100
57 21.1 16.6 25.0

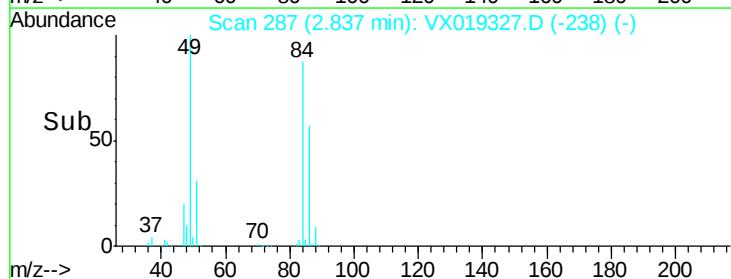
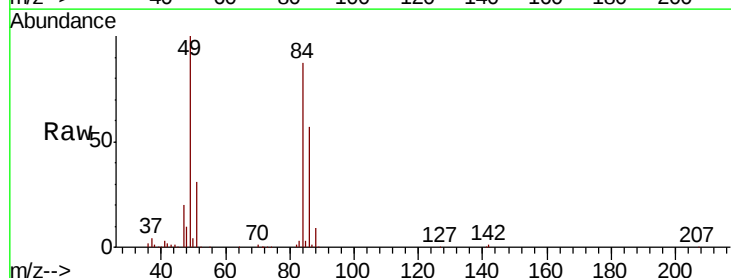
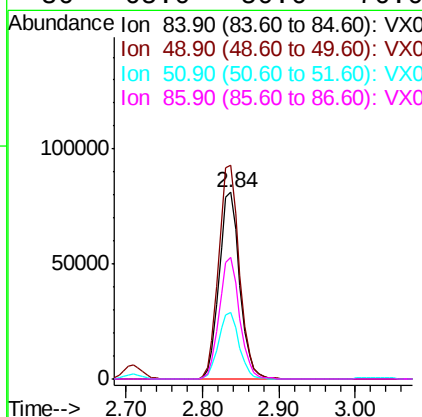
Manual Integrations
APPROVED

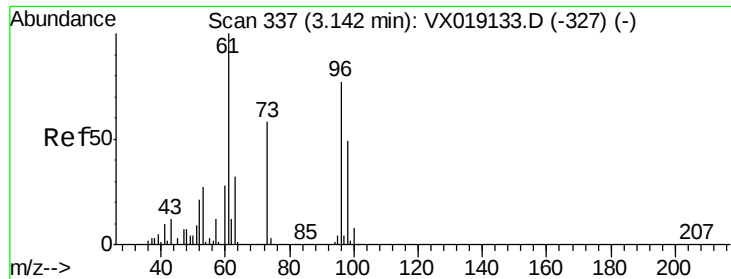
MMDadoda
11/6/2020 9:23:27 AM



#20
Methylene Chloride
Concen: 53.418 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX019327.D
Acq: 05 Nov 2020 20:10

Tgt Ion: 84 Resp: 151690
Ion Ratio Lower Upper
84 100
49 114.5 86.8 130.2
51 35.5 27.3 40.9
86 65.0 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 51.998 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019327.D

Acq: 05 Nov 2020 20:10

Instrument :

MSVOA_X

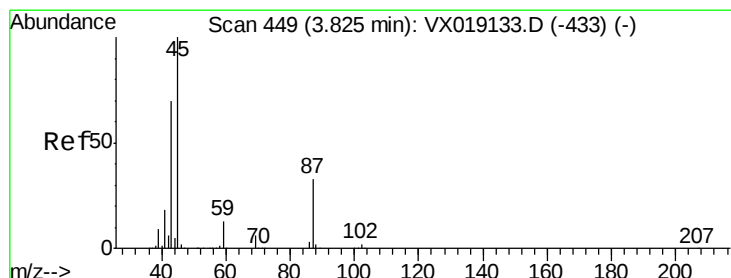
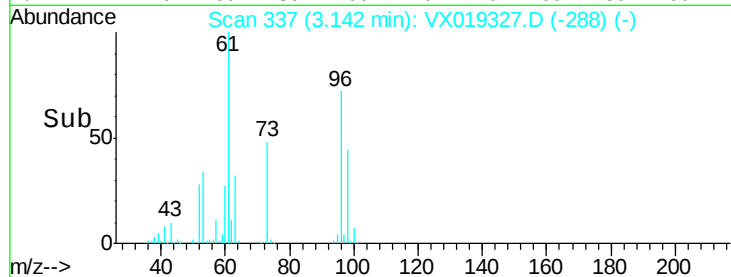
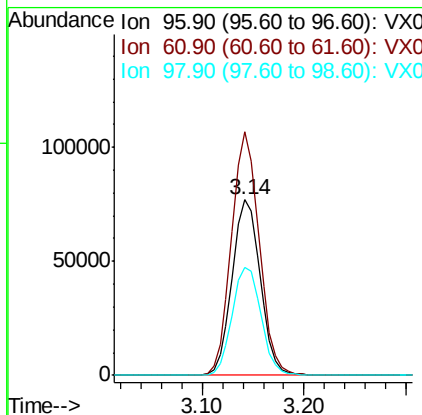
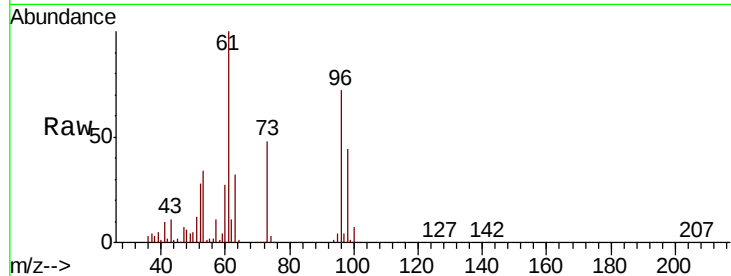
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	147465
Ion	Ratio	Lower	Upper
96	100		
61	138.8	104.2	156.4
98	61.5	51.3	76.9

Manual Integrations
APPROVED

MMDadoda
11/6/2020 9:23:27 AM



#22

Diisopropyl ether

Concen: 59.253 ug/l

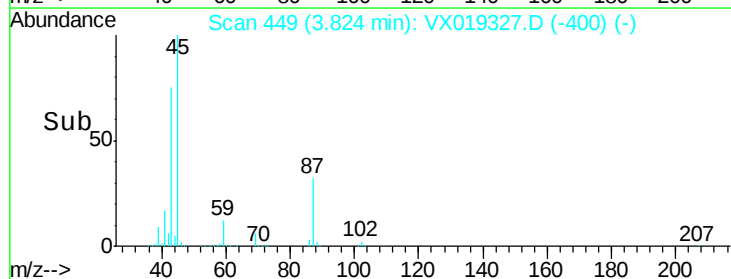
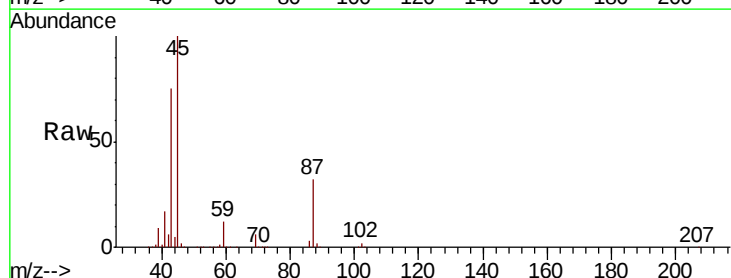
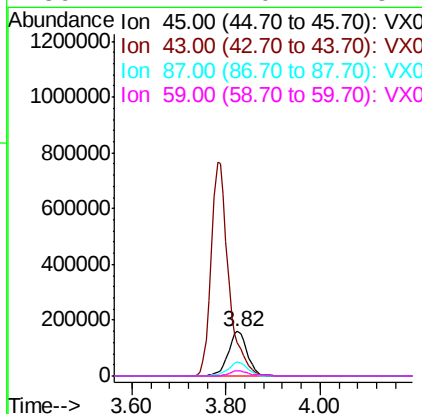
RT: 3.82 min Scan# 449

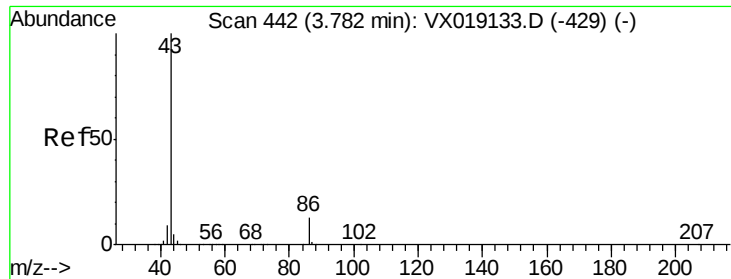
Delta R.T. -0.00 min

Lab File: VX019327.D

Acq: 05 Nov 2020 20:10

Tgt Ion:	45	Resp:	440893
Ion	Ratio	Lower	Upper
45	100		
43	75.0	56.2	84.4
87	31.7	26.2	39.2
59	12.4	10.1	15.1





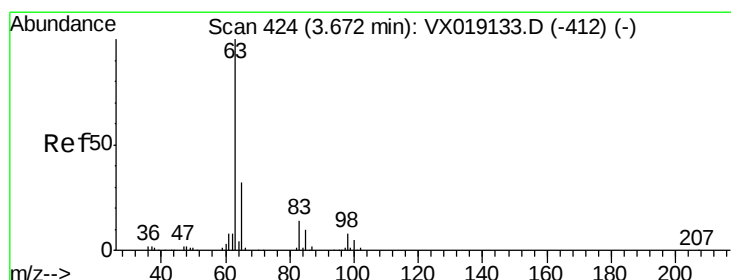
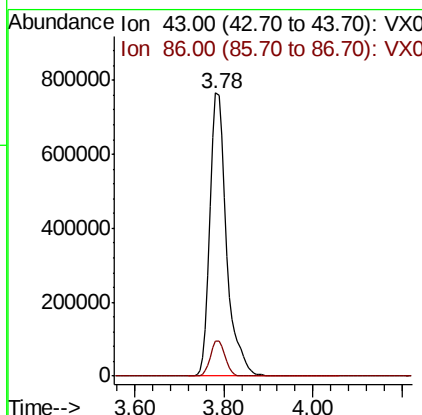
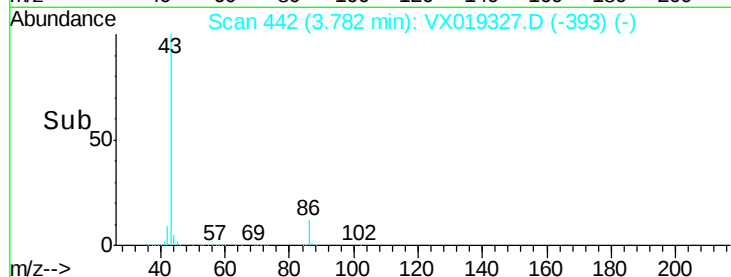
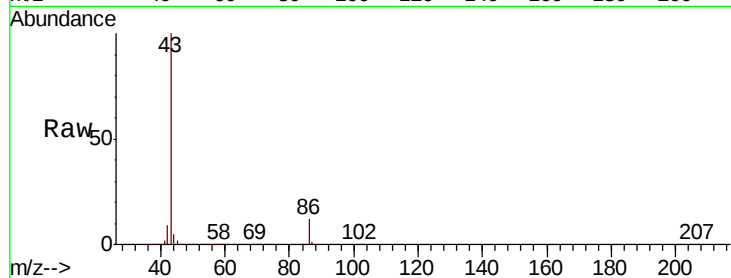
#23
 Vinyl Acetate
 Concen: 296.869 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: VX019327.D
 Acq: 05 Nov 2020 20:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1969851
 Ion Ratio Lower Upper
 43 100
 86 12.3 10.4 15.6

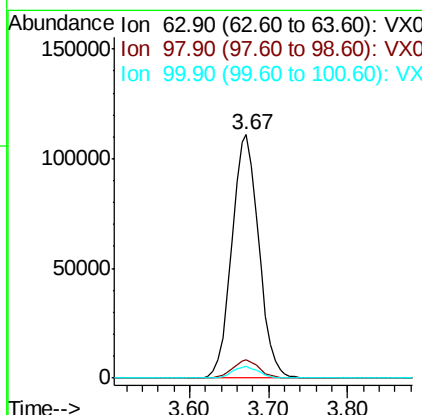
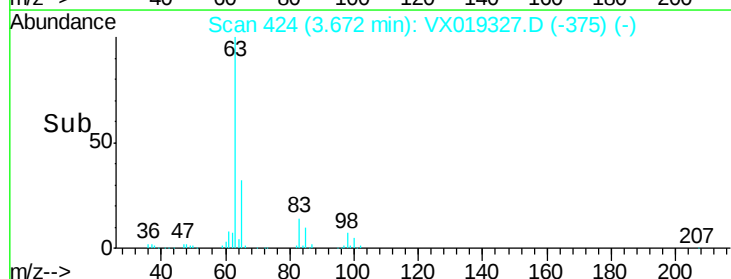
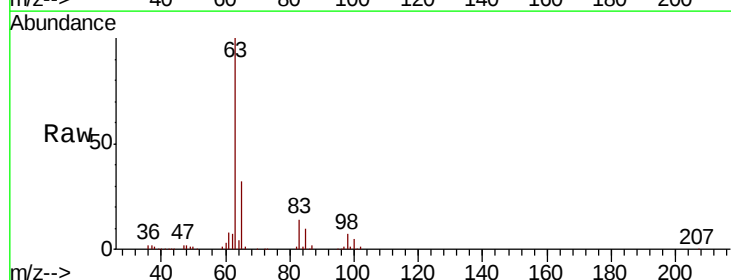
Manual Integrations
 APPROVED

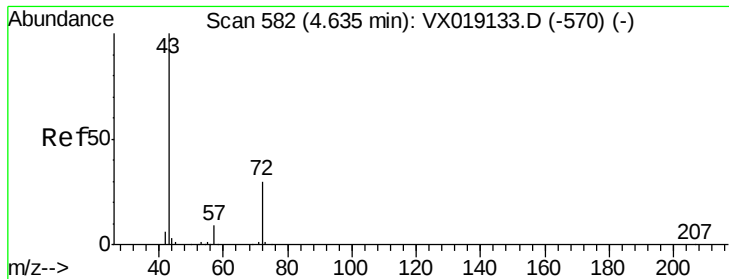
MMDadoda
 11/6/2020 9:23:27 AM



#24
 1,1-Dichloroethane
 Concen: 56.604 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VX019327.D
 Acq: 05 Nov 2020 20:10

Tgt Ion: 63 Resp: 262971
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.4
 100 4.8 2.4 7.2





#25

2-Butanone

Concen: 296.625 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX019327.D

Acq: 05 Nov 2020 20:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 528778

Ion Ratio Lower Upper

43 100

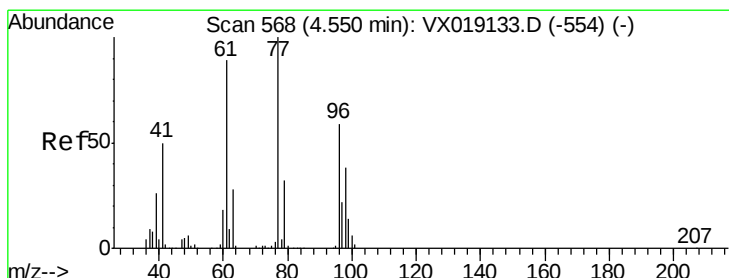
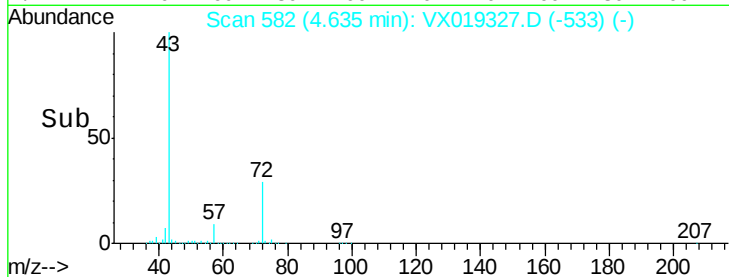
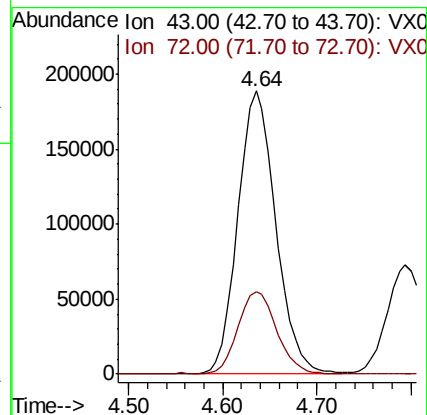
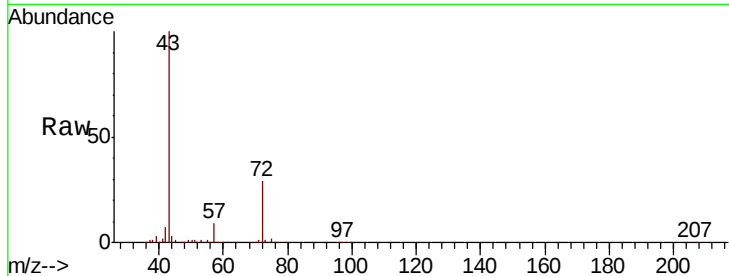
72 29.0 24.6 36.8

Manual Integrations

APPROVED

MMDadoda

11/6/2020 9:23:27 AM



#26

2,2-Dichloropropane

Concen: 49.945 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX019327.D

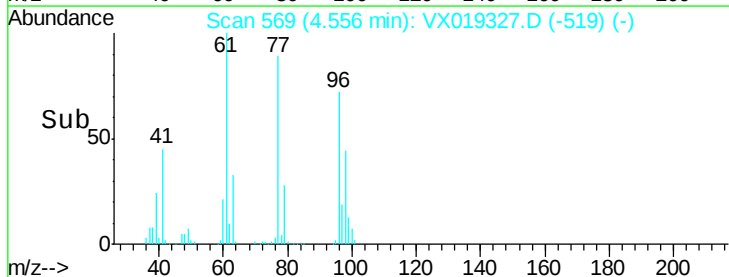
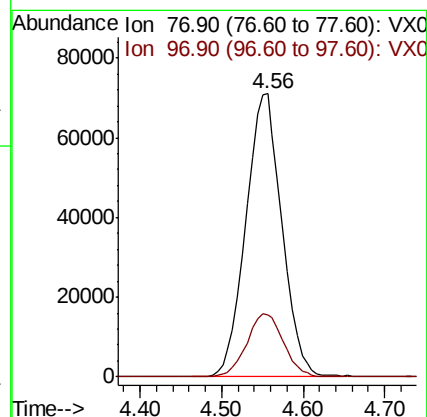
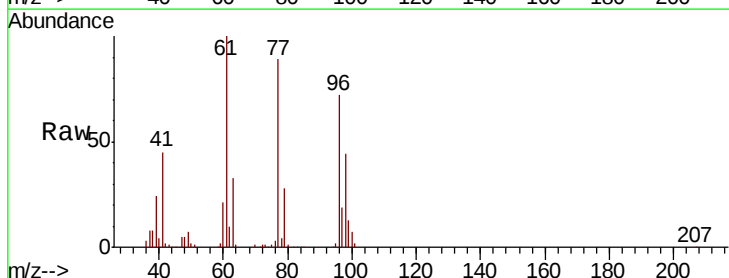
Acq: 05 Nov 2020 20:10

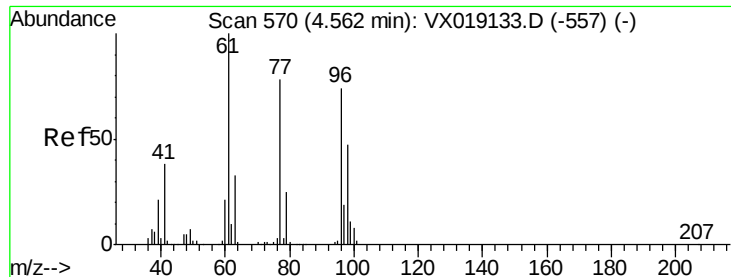
Tgt Ion: 77 Resp: 218135

Ion Ratio Lower Upper

77 100

97 22.7 11.4 34.1





#27

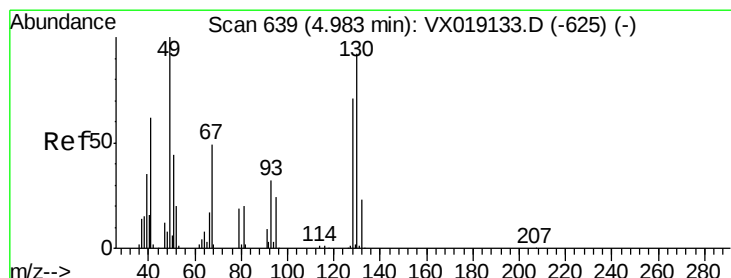
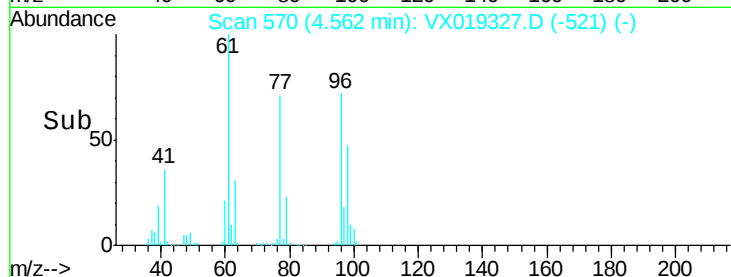
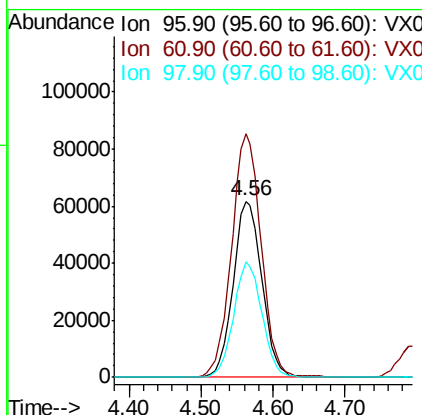
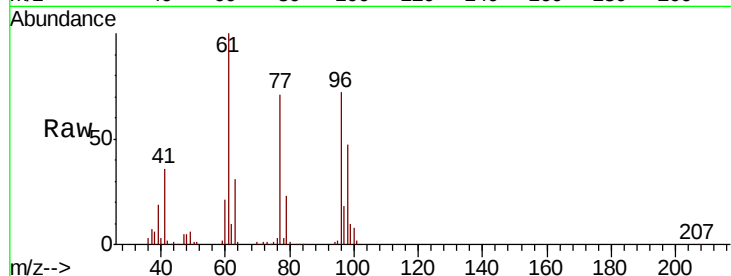
cis-1,2-Dichloroethene
Concen: 53.948 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019327.D
Acq: 05 Nov 2020 20:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	170966		
61	142.4	0.0	278.8	
98	64.6	0.0	130.2	

Manual Integrations
APPROVED

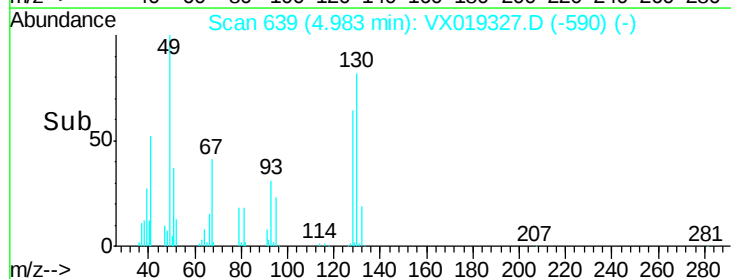
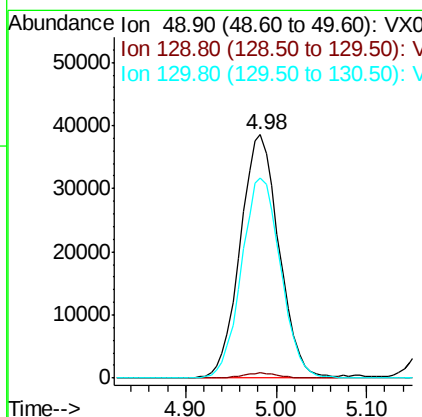
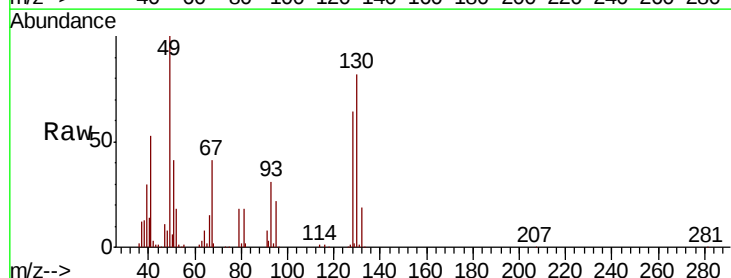
MMDadoda
11/6/2020 9:23:27 AM

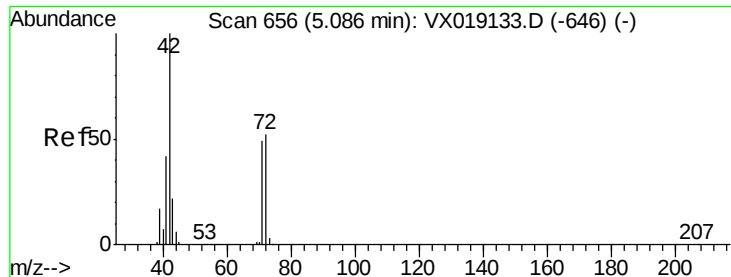


#28

Bromochloromethane
Concen: 54.123 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX019327.D
Acq: 05 Nov 2020 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	114309		
129	2.0	0.0	4.4	
130	83.0	71.3	106.9	





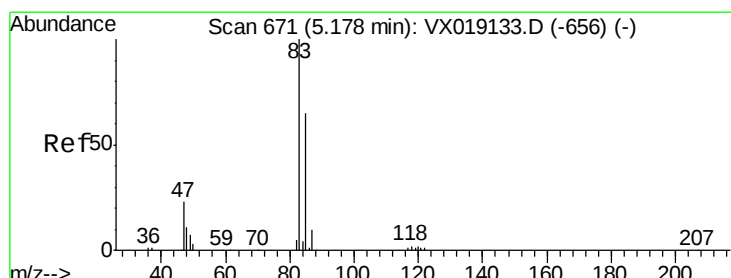
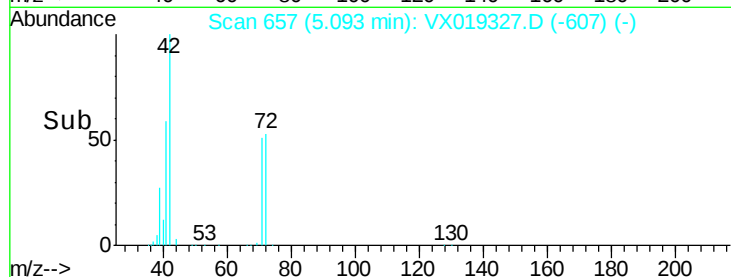
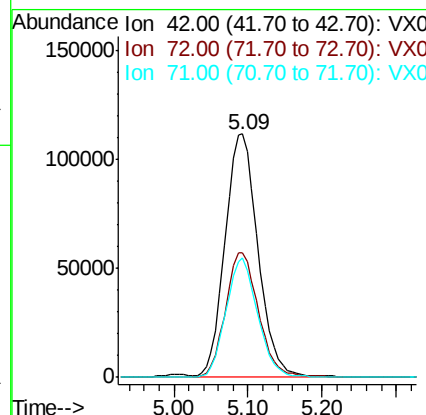
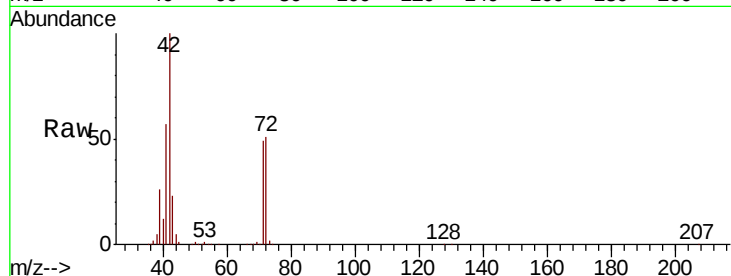
#29
Tetrahydrofuran
Concen: 305.607 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX019327.D
Acq: 05 Nov 2020 20:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.0	42.6	63.8
71	47.5	39.7	59.5

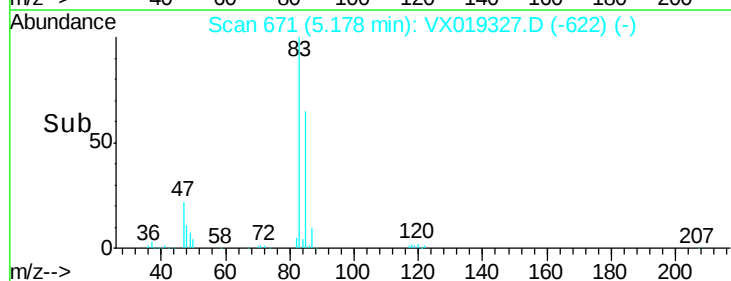
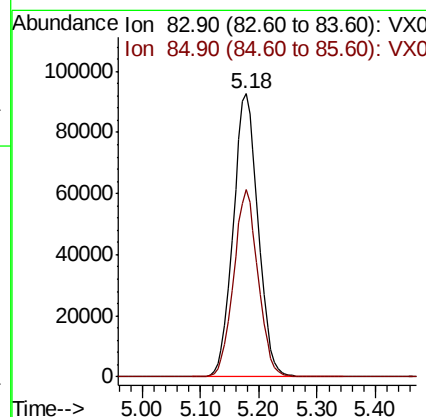
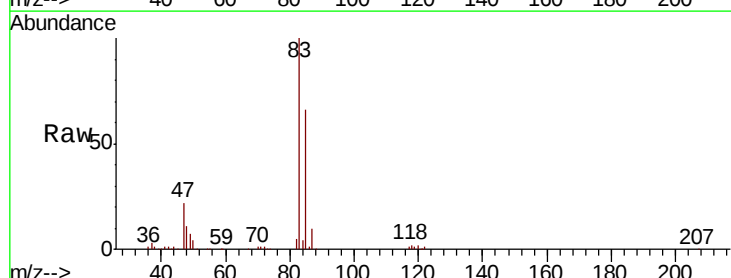
Manual Integrations
APPROVED

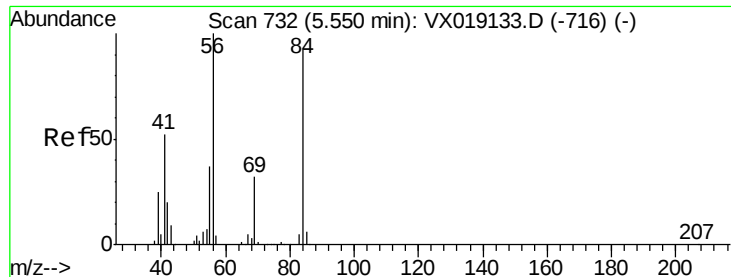
MMDadoda
11/6/2020 9:23:27 AM



#30
Chloroform
Concen: 55.687 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX019327.D
Acq: 05 Nov 2020 20:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	51.9	77.9





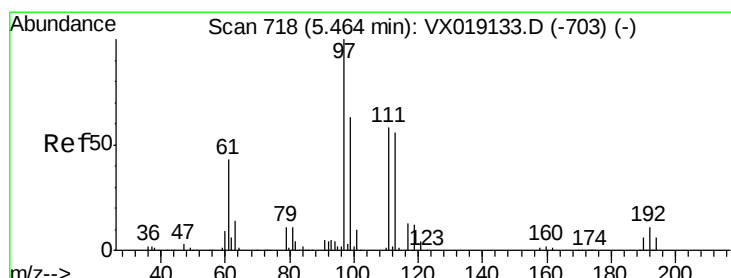
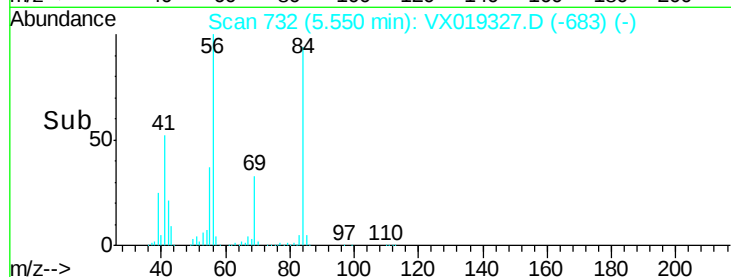
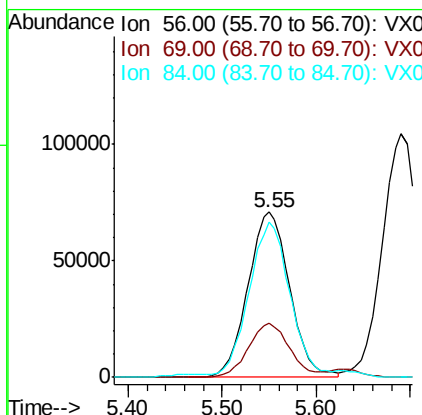
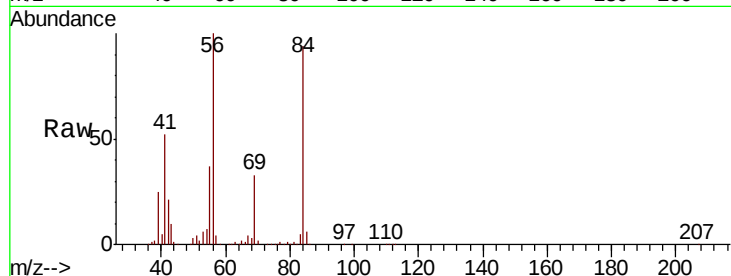
#31
Cyclohexane
Concen: 53.199 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX019327.D
Acq: 05 Nov 2020 20:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.8	25.9	38.9
84	91.7	73.4	110.2

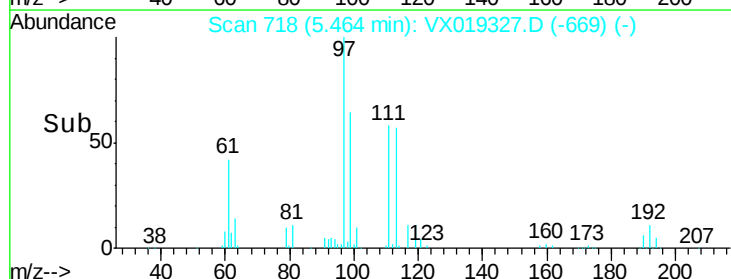
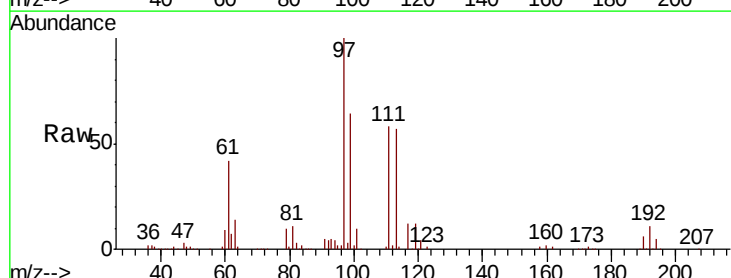
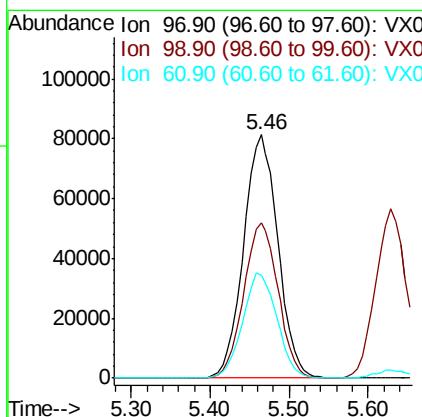
Manual Integrations
APPROVED

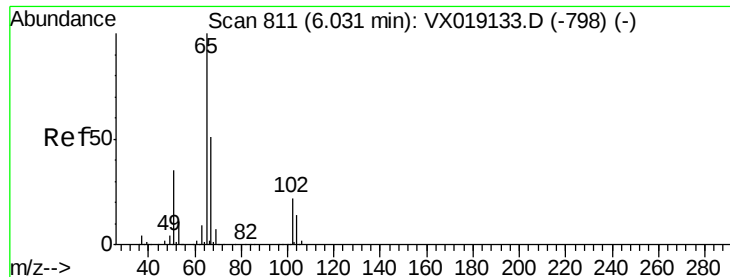
MMDadoda
11/6/2020 9:23:27 AM



#32
1,1,1-Trichloroethane
Concen: 54.937 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019327.D
Acq: 05 Nov 2020 20:10

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.7	77.5
61	43.3	34.2	51.2





#33

1,2-Dichloroethane-d4

Concen: 50.827 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019327.D

Acq: 05 Nov 2020 20:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 166649

Ion Ratio Lower Upper

65 100

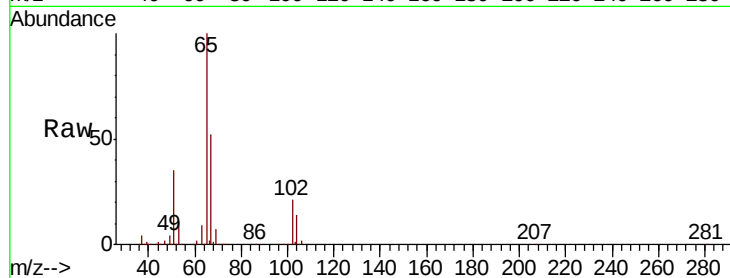
67 51.7 0.0 103.0

Manual Integrations

APPROVED

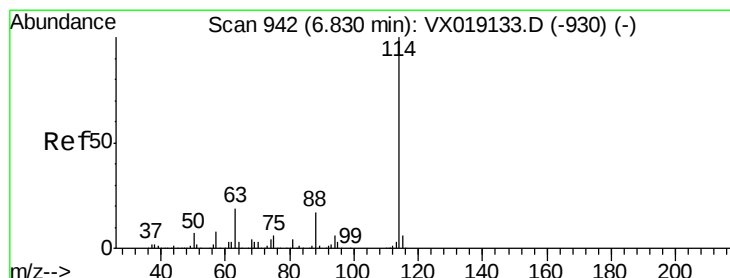
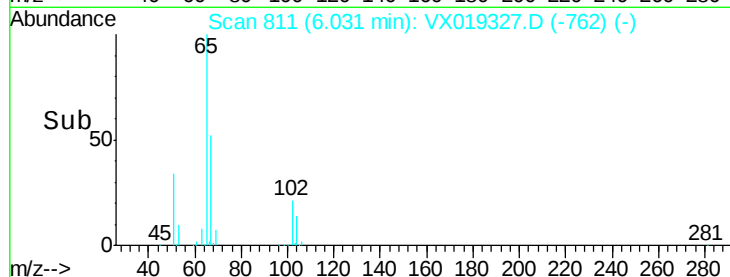
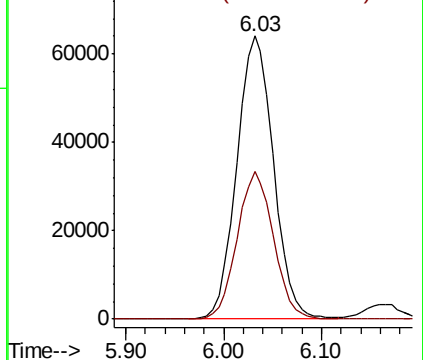
MMDadoda

11/6/2020 9:23:27 AM



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019327.D

Acq: 05 Nov 2020 20:10

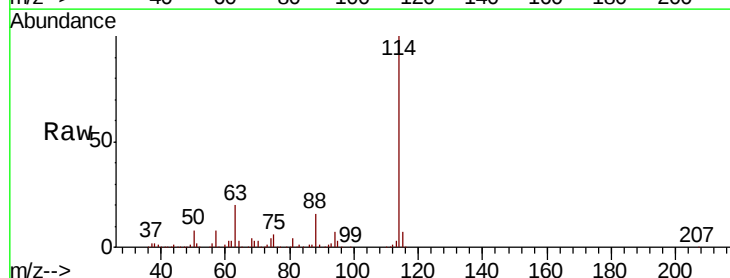
Tgt Ion: 114 Resp: 438889

Ion Ratio Lower Upper

114 100

63 20.4 0.0 38.8

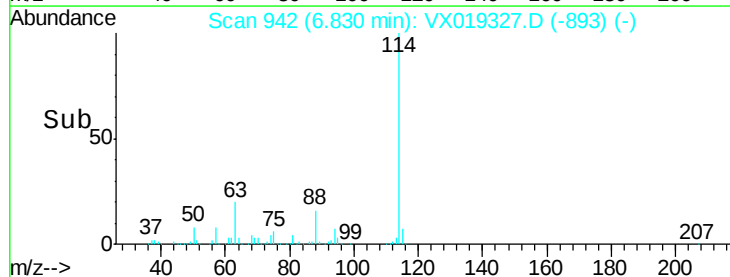
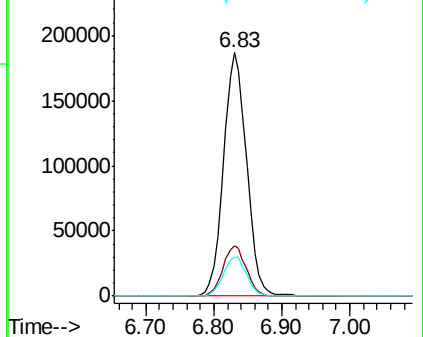
88 16.2 0.0 34.2

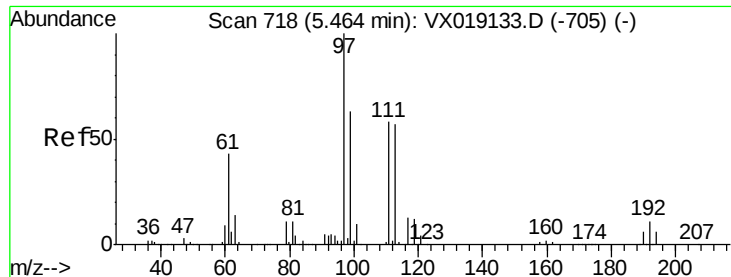


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





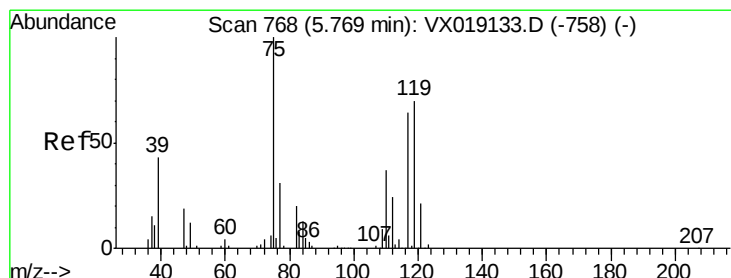
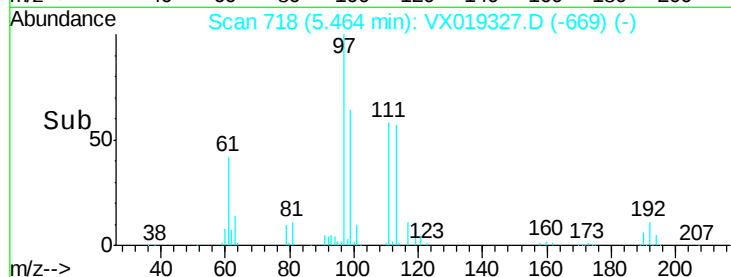
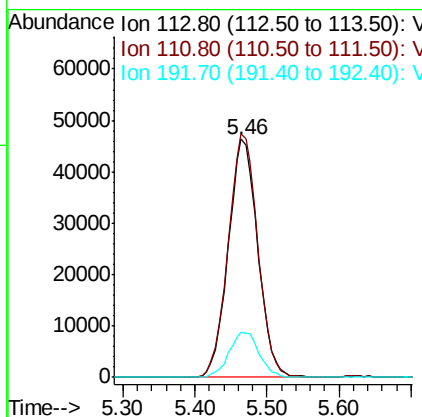
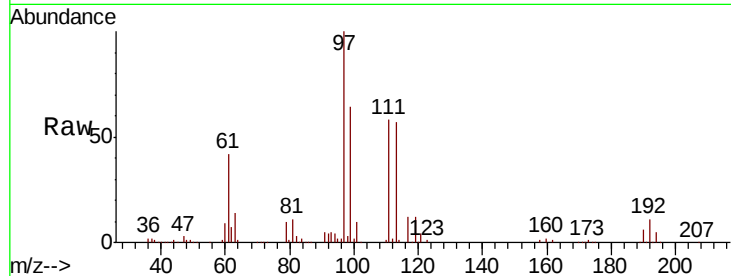
#35
 Dibromofluoromethane
 Concen: 47.867 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX019327.D
 Acq: 05 Nov 2020 20:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	131962		
111	102.4	82.3	123.5	
192	19.3	16.2	24.2	

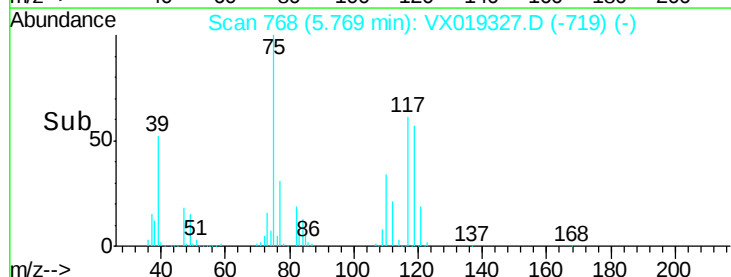
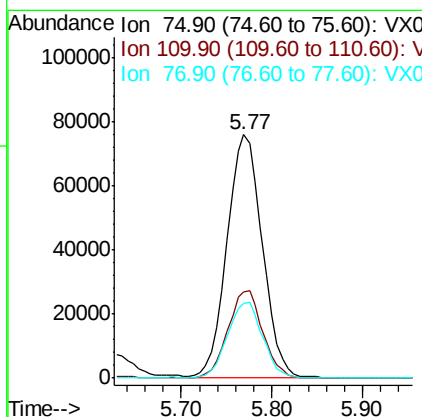
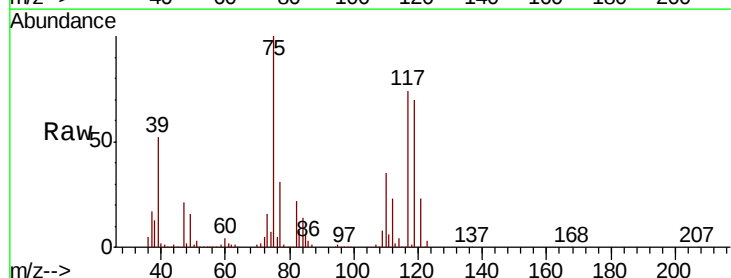
Manual Integrations
 APPROVED

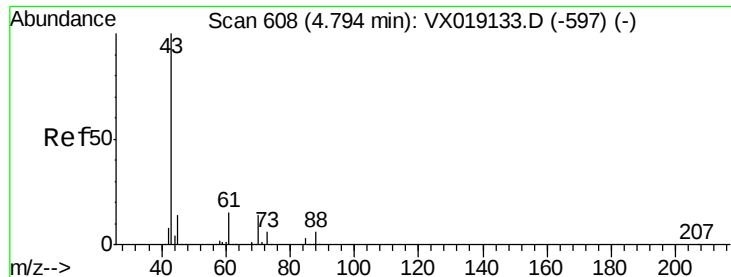
MMDadoda
 11/6/2020 9:23:27 AM



#36
 1,1-Dichloropropene
 Concen: 50.588 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX019327.D
 Acq: 05 Nov 2020 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	205026		
110	35.5	18.3	54.9	
77	31.3	24.9	37.3	





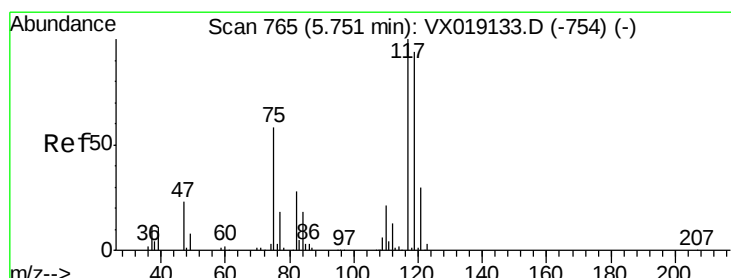
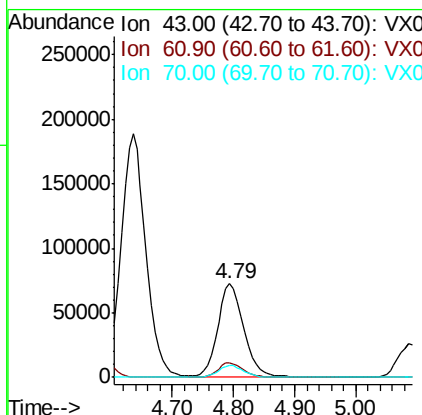
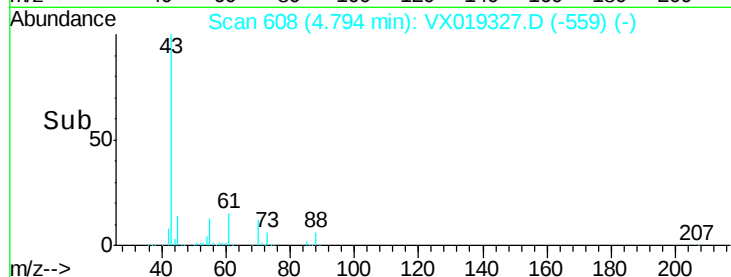
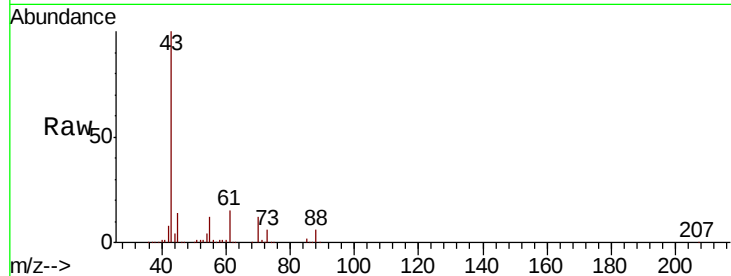
#37
Ethyl Acetate
Concen: 56.644 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX019327.D
Acq: 05 Nov 2020 20:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	12.5	18.7
70	12.6	10.5	15.7

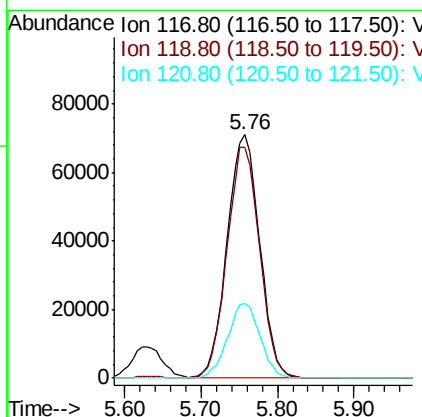
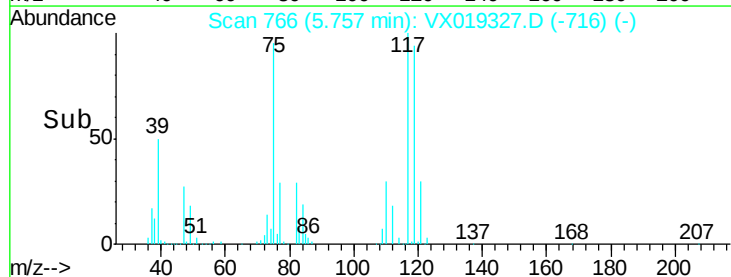
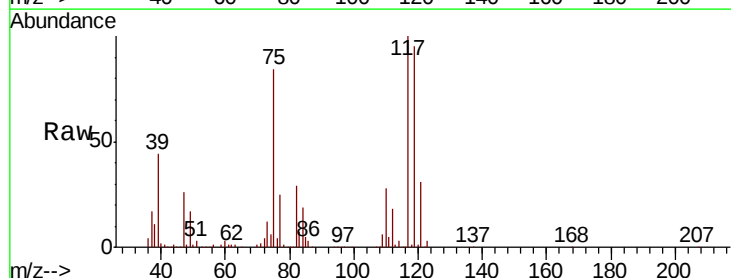
Manual Integrations
APPROVED

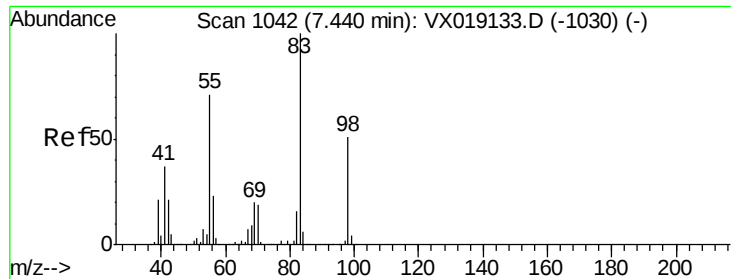
MMDadoda
11/6/2020 9:23:27 AM



#38
Carbon Tetrachloride
Concen: 50.647 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX019327.D
Acq: 05 Nov 2020 20:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.0	112.6
121	30.6	23.9	35.9





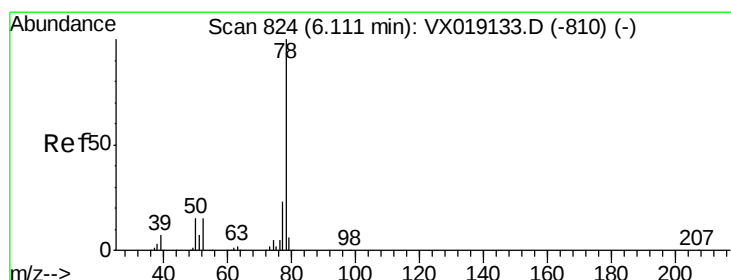
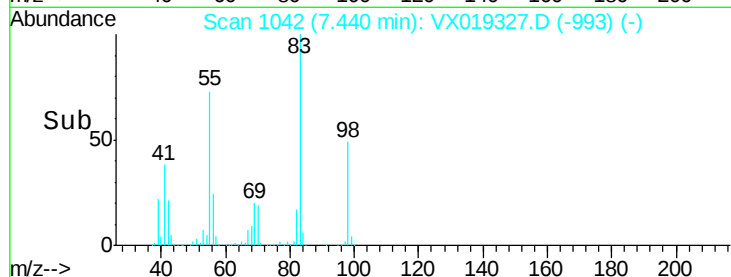
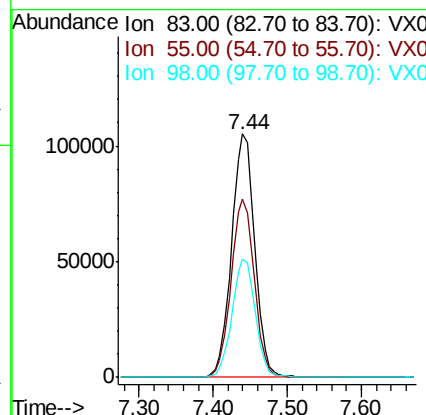
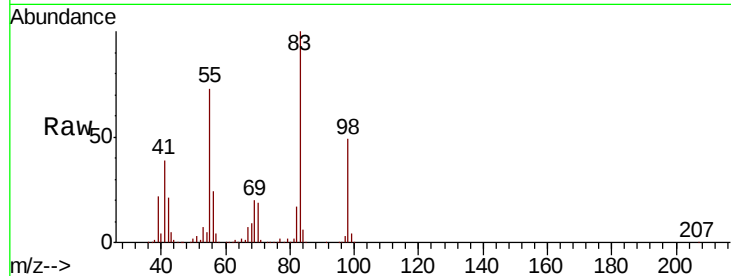
#39
Methylvlcyclohexane
Concen: 47.462 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019327.D
Acq: 05 Nov 2020 20:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.1	57.0	85.6
98	48.6	40.5	60.7

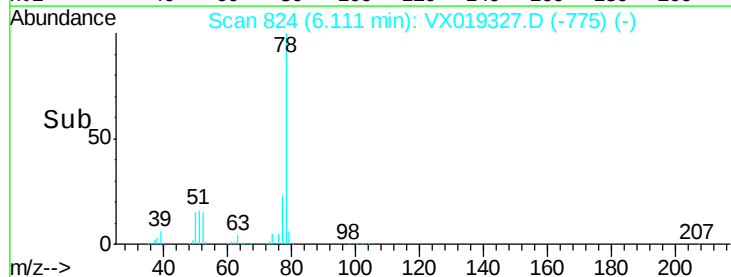
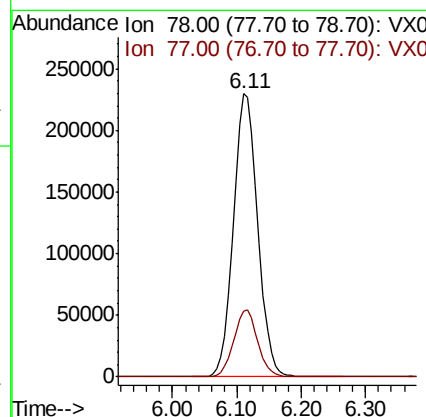
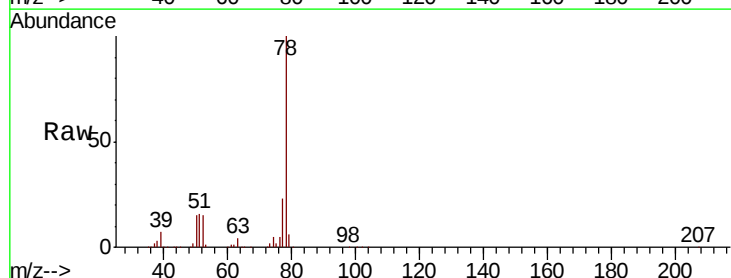
Manual Integrations
APPROVED

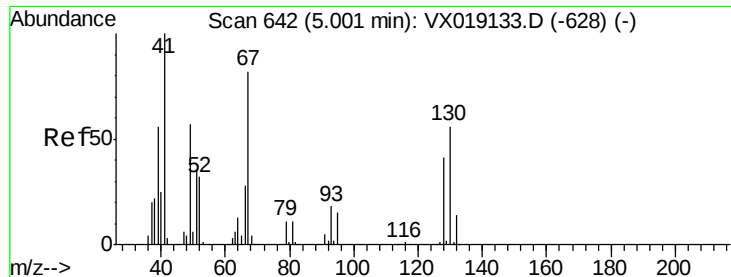
MMDadoda
11/6/2020 9:23:27 AM



#40
Benzene
Concen: 52.837 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019327.D
Acq: 05 Nov 2020 20:10

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.7	28.1





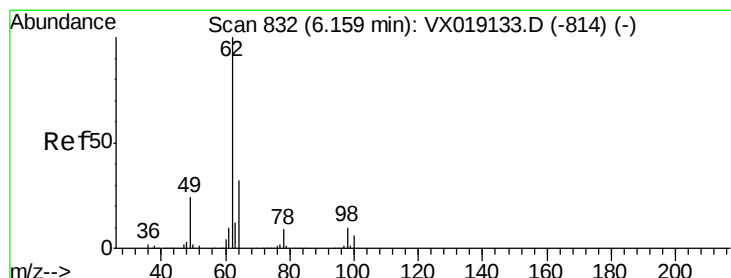
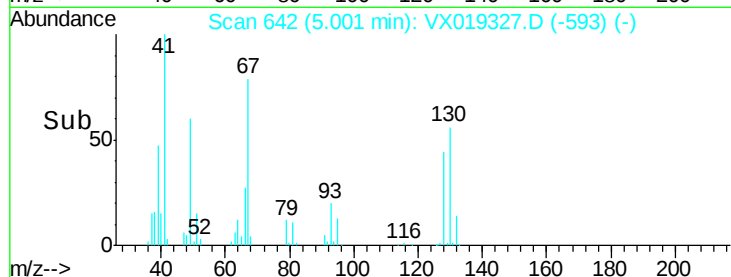
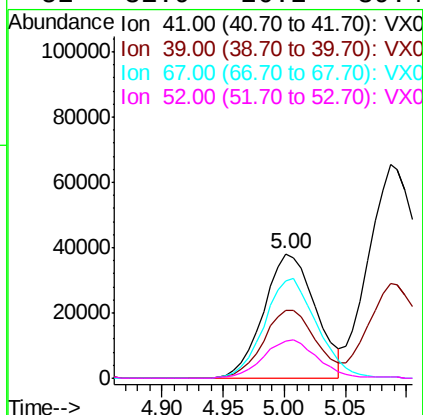
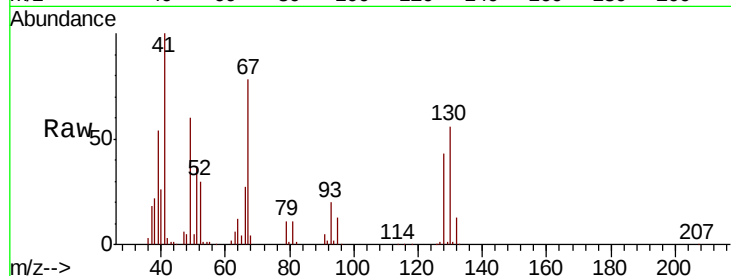
#41
Methacrylonitrile
Concen: 55.658 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX019327.D
Acq: 05 Nov 2020 20:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.1	44.4	66.6	
67	81.4	66.4	99.6	
52	31.9	26.2	39.4	

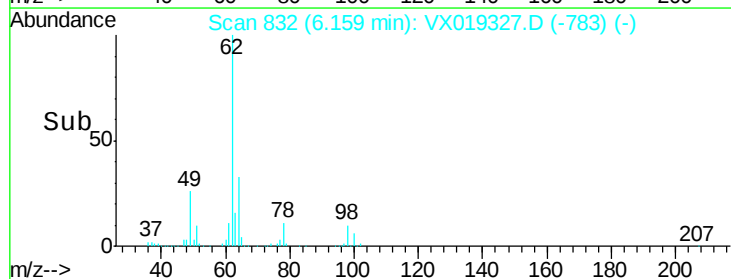
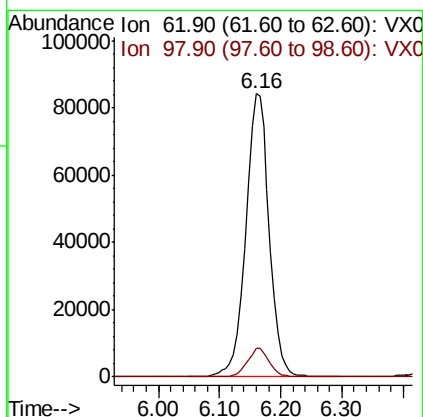
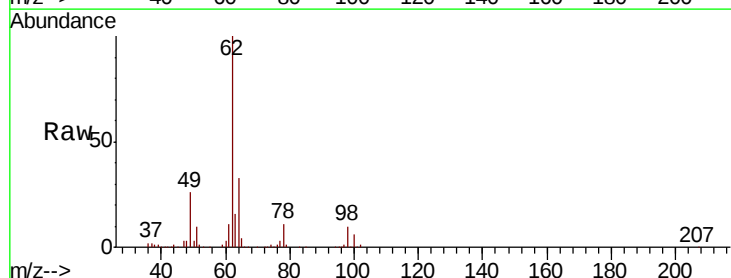
Manual Integrations
APPROVED

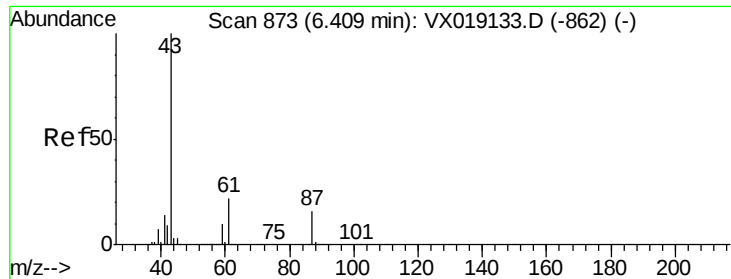
MMDadoda
11/6/2020 9:23:27 AM



#42
1,2-Dichloroethane
Concen: 52.956 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX019327.D
Acq: 05 Nov 2020 20:10

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.5	0.0	19.0	





#43

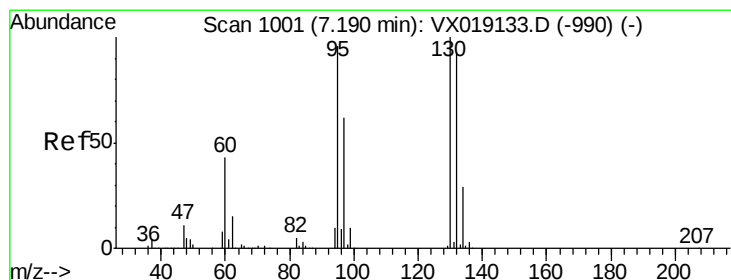
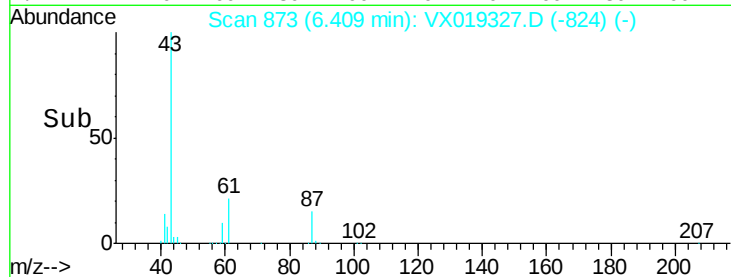
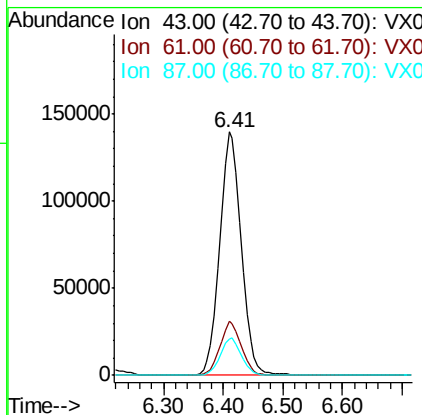
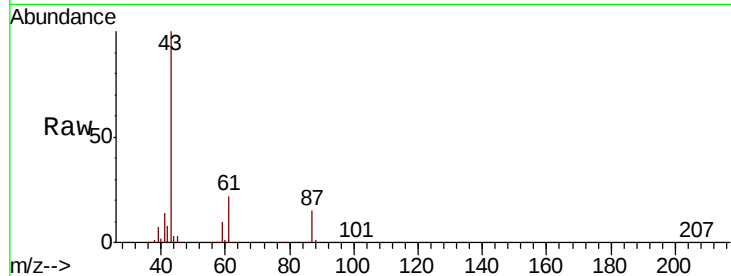
Isopropyl Acetate
 Concen: 55.594 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: VX019327.D
 Acq: 05 Nov 2020 20:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.1	17.8	26.6
87	15.1	12.6	19.0

Manual Integrations
 APPROVED

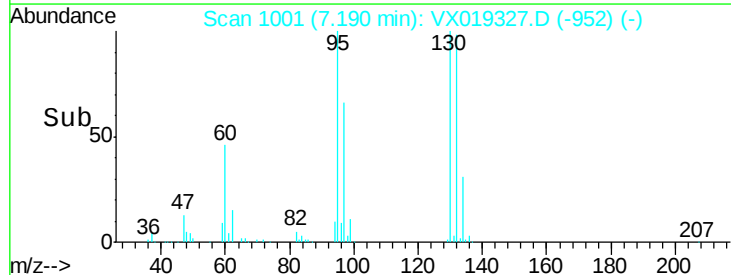
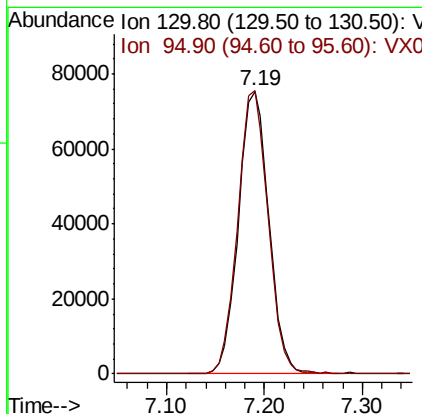
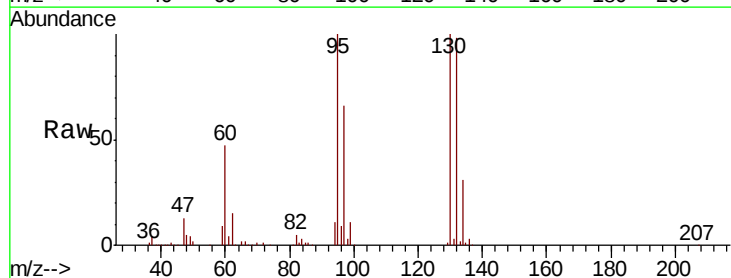
MMDadoda
 11/6/2020 9:23:27 AM

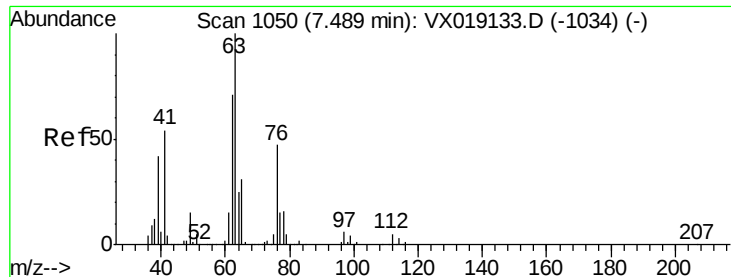


#44

Trichloroethene
 Concen: 49.251 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX019327.D
 Acq: 05 Nov 2020 20:10

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.2	0.0	192.0





#45

1,2-Dichloropropane

Concen: 54.913 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019327.D

Acq: 05 Nov 2020 20:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 154554

Ion Ratio Lower Upper

63 100

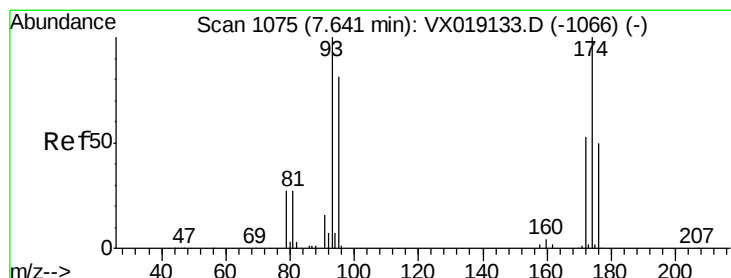
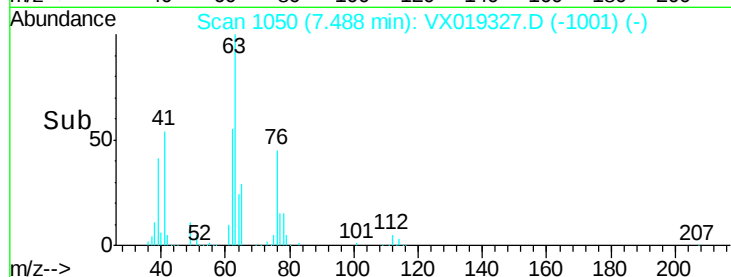
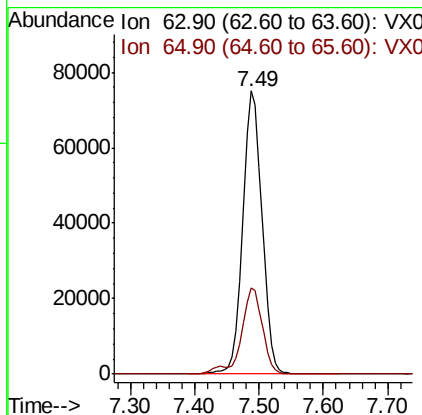
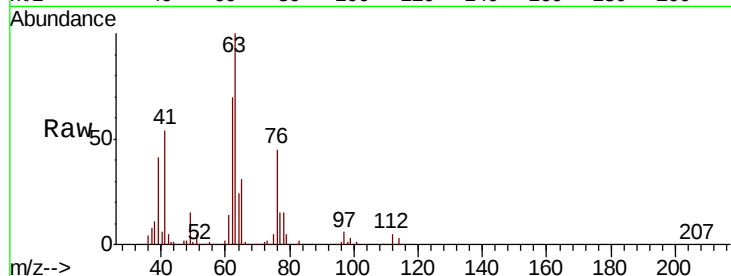
65 30.7 25.2 37.8

Manual Integrations

APPROVED

MMDadoda

11/6/2020 9:23:27 AM



#46

Dibromomethane

Concen: 51.514 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019327.D

Acq: 05 Nov 2020 20:10

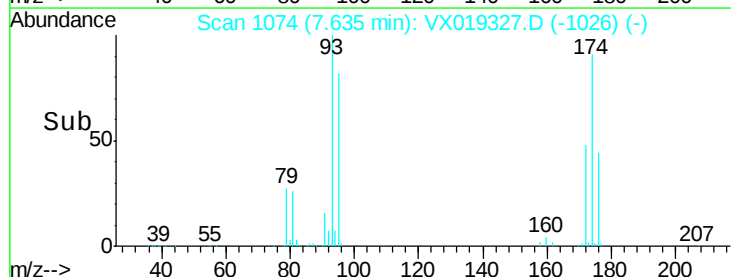
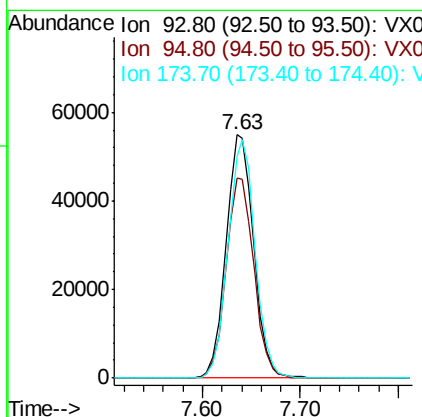
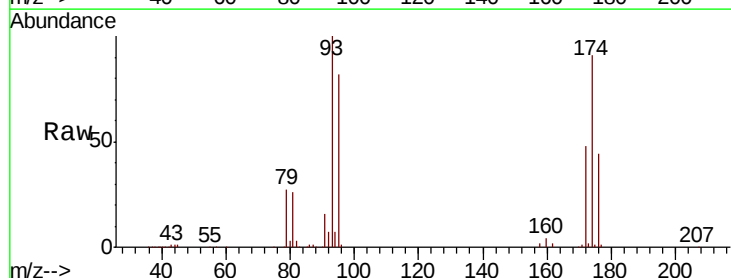
Tgt Ion: 93 Resp: 107213

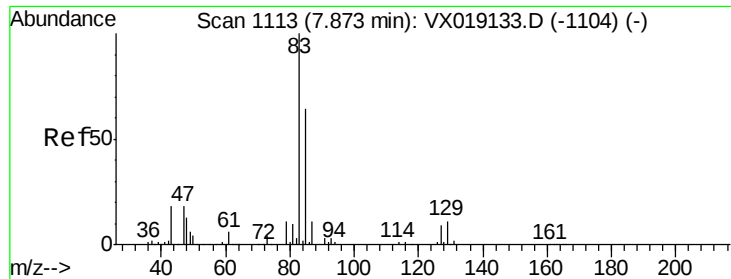
Ion Ratio Lower Upper

93 100

95 83.2 67.0 100.6

174 96.4 81.7 122.5





#47

Bromodichloromethane

Concen: 52.847 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX019327.D

Acq: 05 Nov 2020 20:10

Instrument :

MSVOA_X

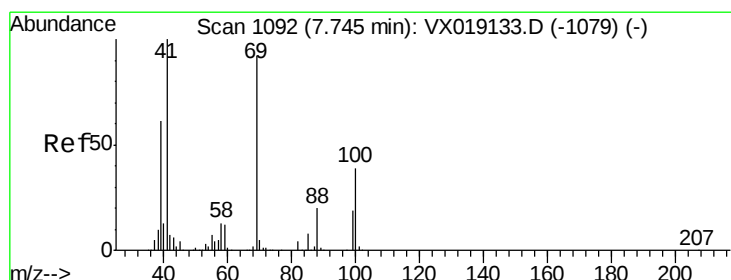
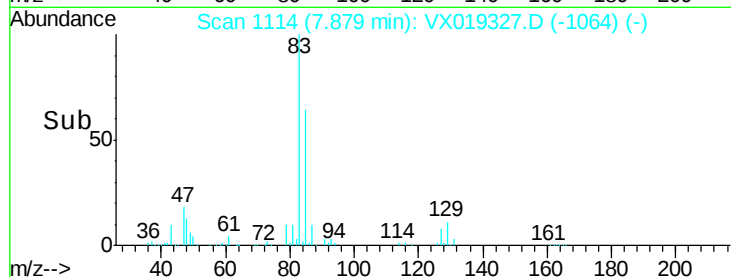
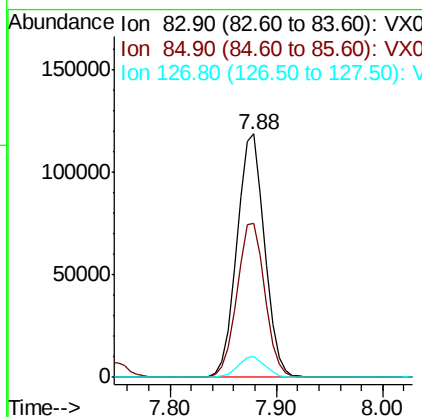
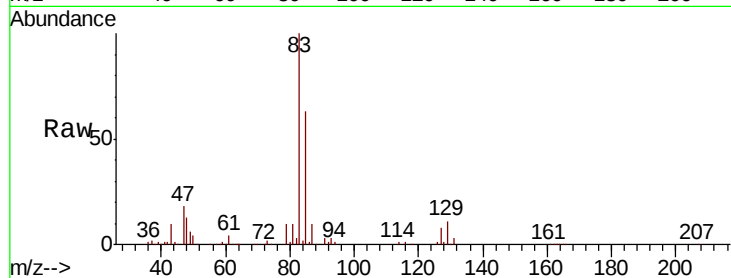
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	216795
Ion Ratio	Lower	Upper	
83	100		
85	63.5	51.2	76.8
127	8.4	7.1	10.7

Manual Integrations
APPROVED

MMDadoda
11/6/2020 9:23:27 AM



#48

Methyl methacrylate

Concen: 56.573 ug/l

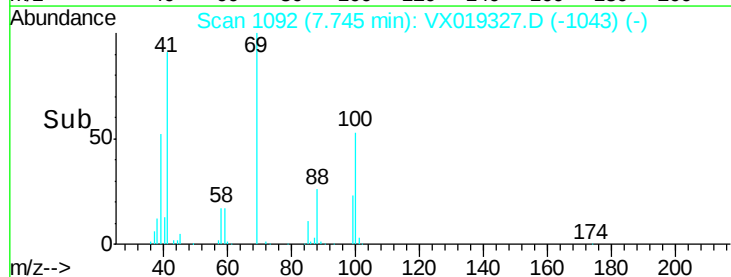
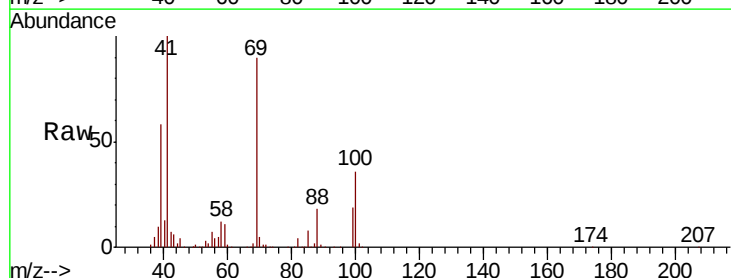
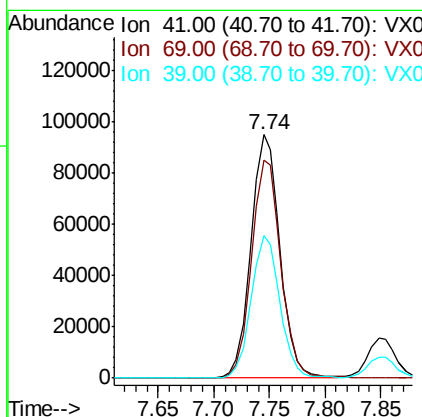
RT: 7.74 min Scan# 1092

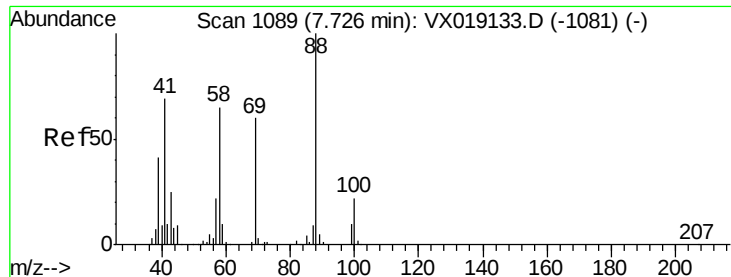
Delta R.T. -0.00 min

Lab File: VX019327.D

Acq: 05 Nov 2020 20:10

Tgt Ion:	41	Resp:	171563
Ion Ratio	Lower	Upper	
41	100		
69	91.2	75.5	113.3
39	58.7	48.9	73.3





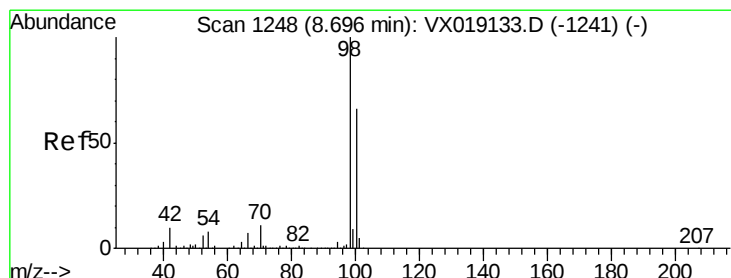
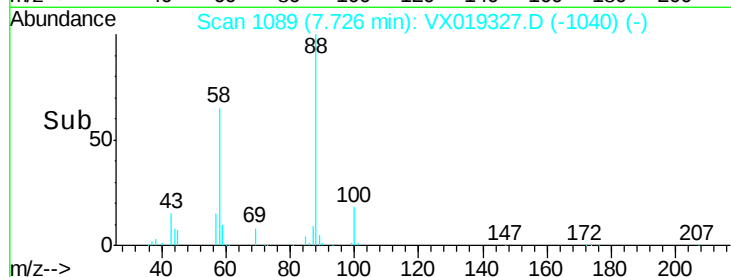
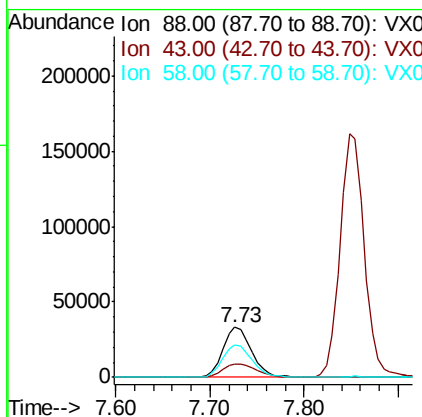
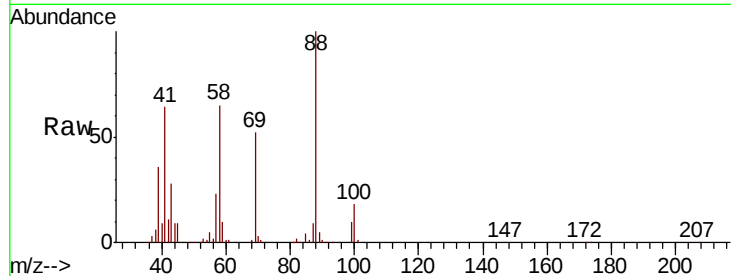
#49
1,4-Dioxane
Concen: 1053.084 ug/l
RT: 7.73 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VX019327.D
Acq: 05 Nov 2020 20:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	71022
Ion Ratio	100	Lower	Upper
88	100		
43	30.6	23.0	34.6
58	66.5	52.2	78.2

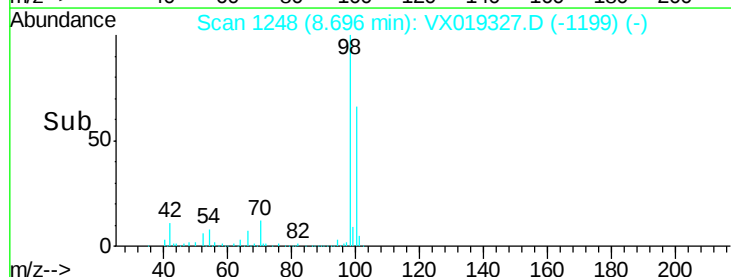
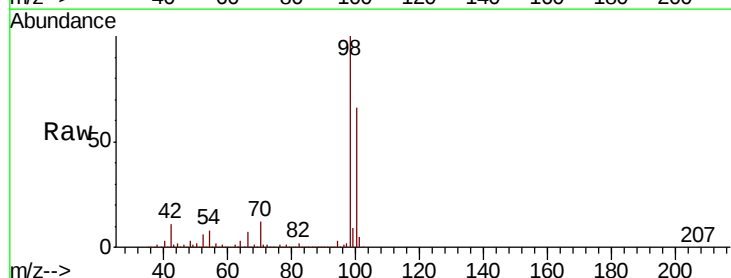
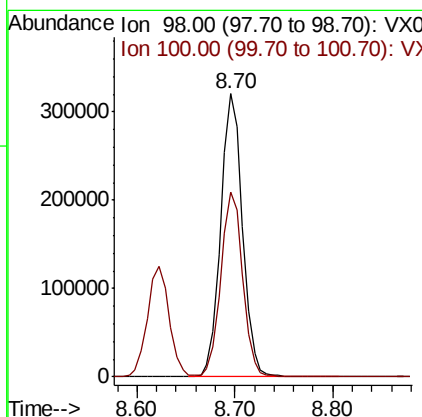
Manual Integrations
APPROVED

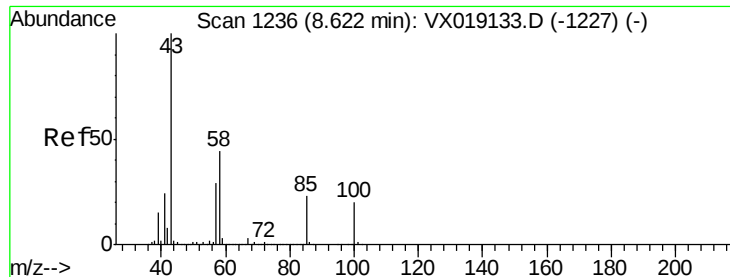
MMDadoda
11/6/2020 9:23:27 AM



#50
Toluene-d8
Concen: 47.567 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019327.D
Acq: 05 Nov 2020 20:10

Tgt Ion	98	Resp	494329
Ion Ratio	100	Lower	Upper
98	100		
100	66.1	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 291.057 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX019327.D

Acq: 05 Nov 2020 20:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1054019

Ion Ratio Lower Upper

43 100

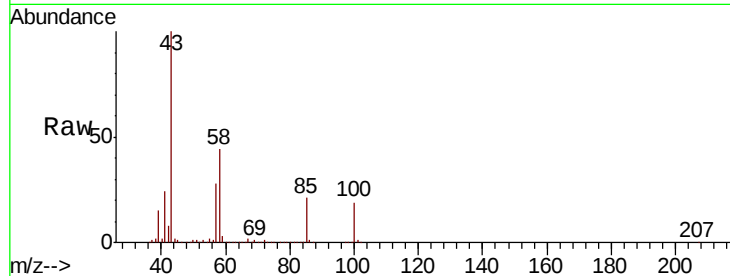
58 43.2 35.0 52.4

Manual Integrations

APPROVED

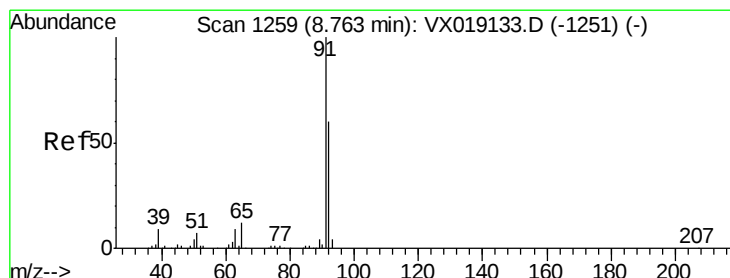
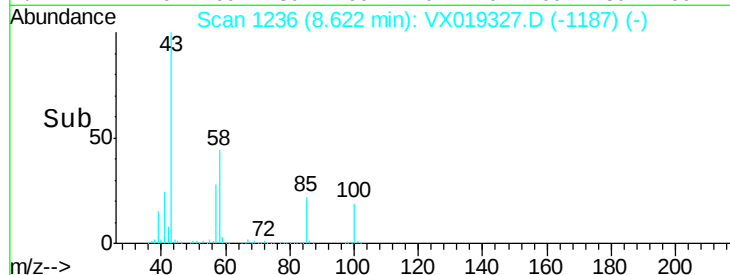
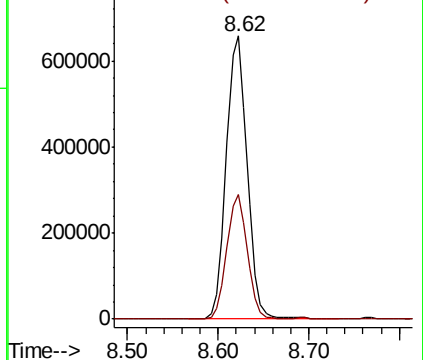
MMDadoda

11/6/2020 9:23:27 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 52.563 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019327.D

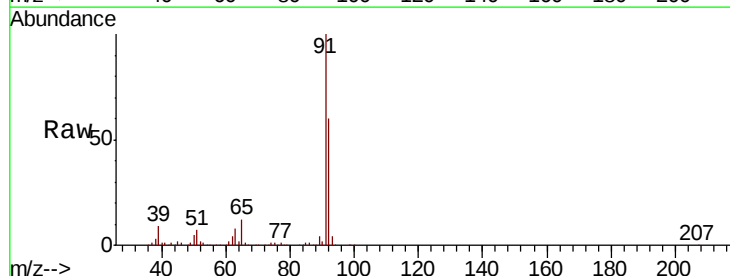
Acq: 05 Nov 2020 20:10

Tgt Ion: 92 Resp: 389012

Ion Ratio Lower Upper

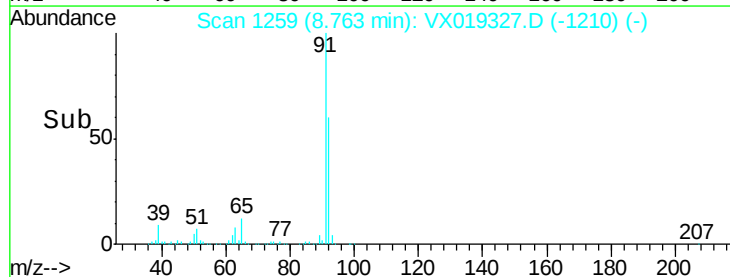
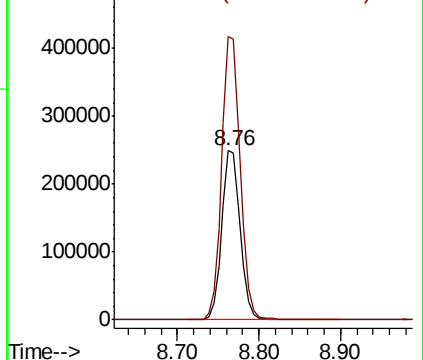
92 100

91 169.4 136.3 204.5



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 51.946 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX019327.D

Acq: 05 Nov 2020 20:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 243397

Ion Ratio Lower Upper

75 100

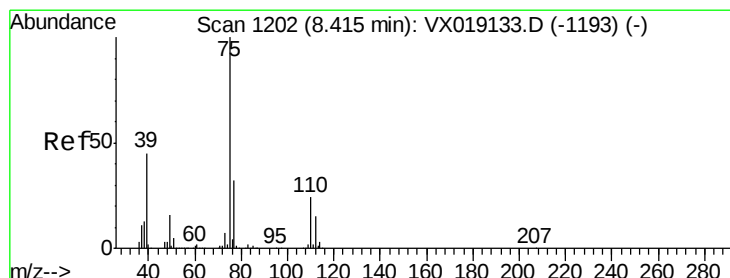
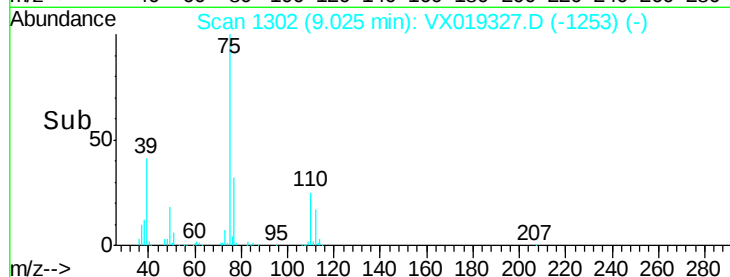
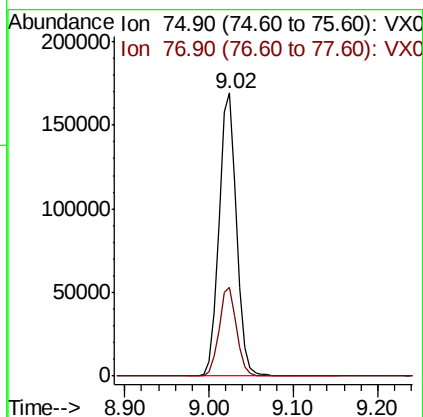
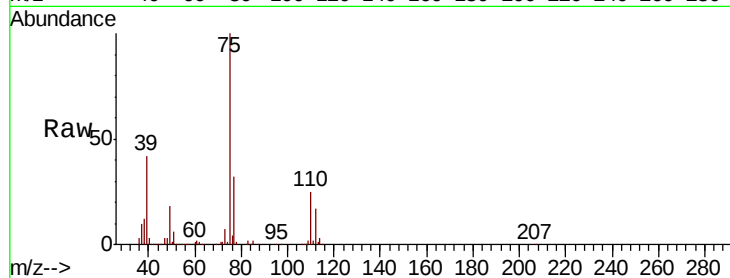
77 31.6 25.4 38.0

Manual Integrations

APPROVED

MMDadoda

11/6/2020 9:23:27 AM



#54

cis-1,3-Dichloropropene

Concen: 52.939 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX019327.D

Acq: 05 Nov 2020 20:10

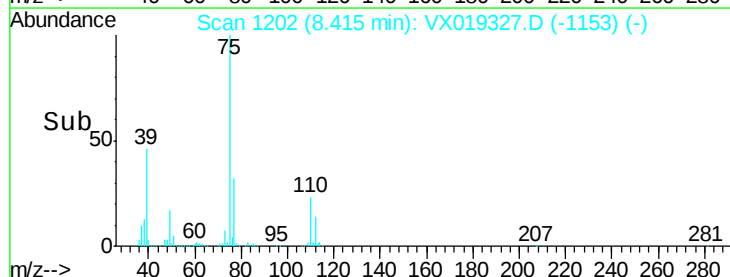
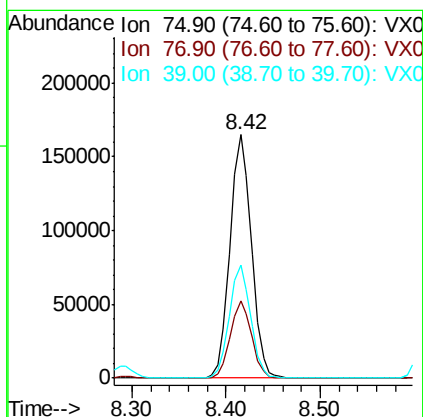
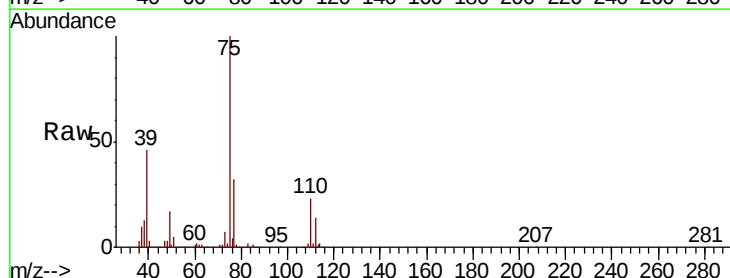
Tgt Ion: 75 Resp: 260835

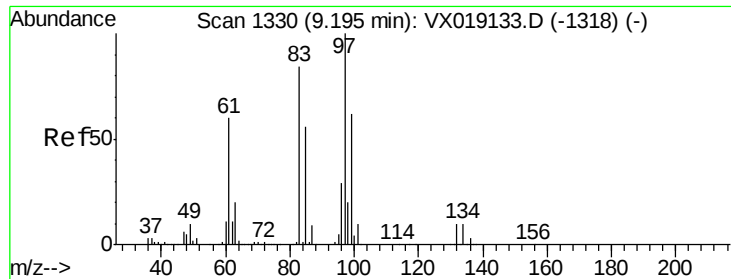
Ion Ratio Lower Upper

75 100

77 31.7 25.5 38.3

39 46.2 36.2 54.2





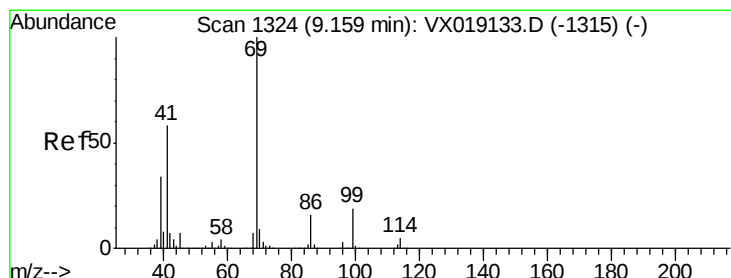
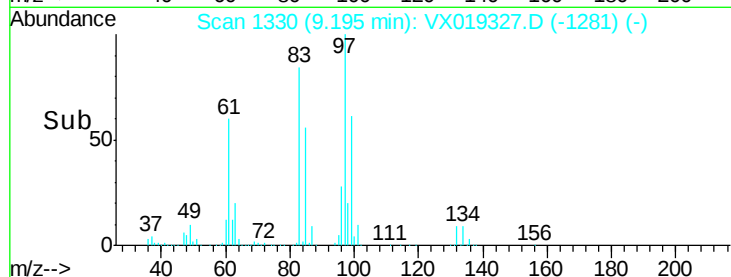
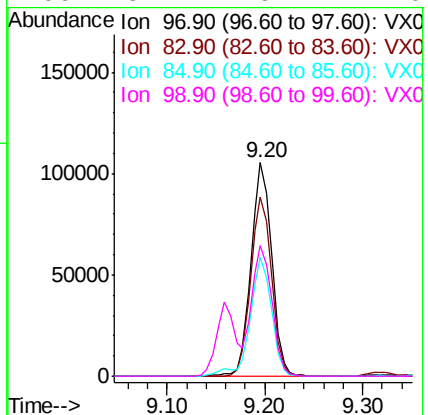
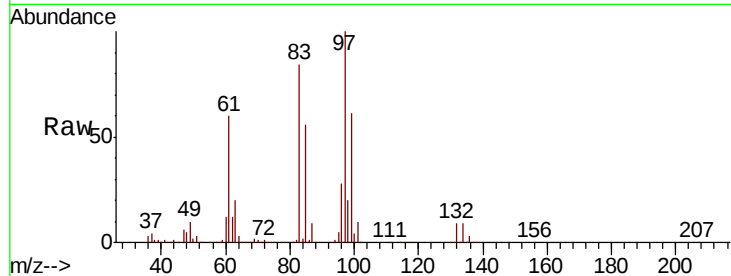
#55
 1,1,2-Trichloroethane
 Concen: 53.010 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019327.D
 Acq: 05 Nov 2020 20:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	155013
Ion	Ratio	Lower	Upper
97	100		
83	84.1	67.2	100.8
85	56.0	44.6	67.0
99	61.2	49.4	74.0

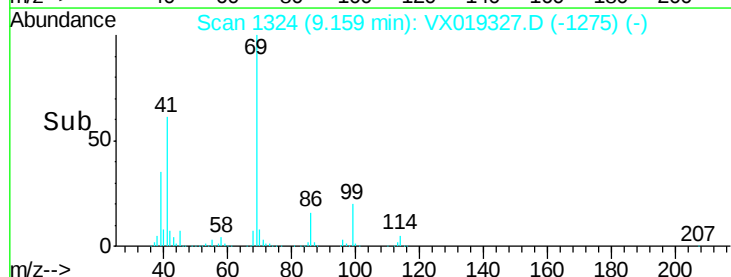
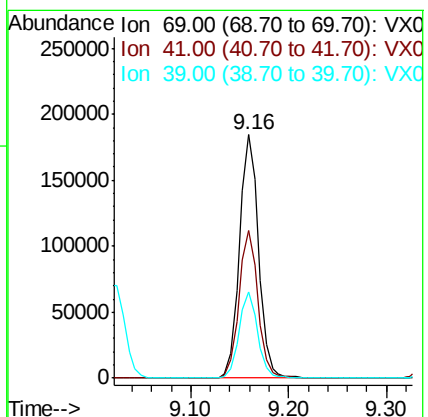
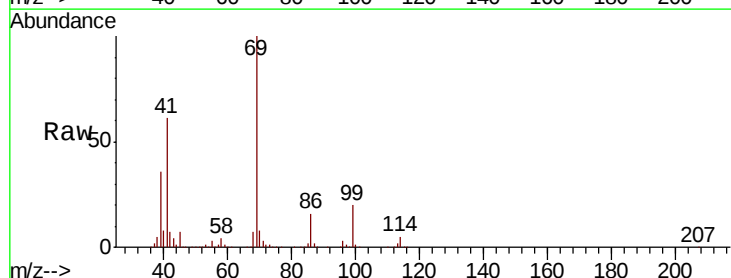
Manual Integrations
 APPROVED

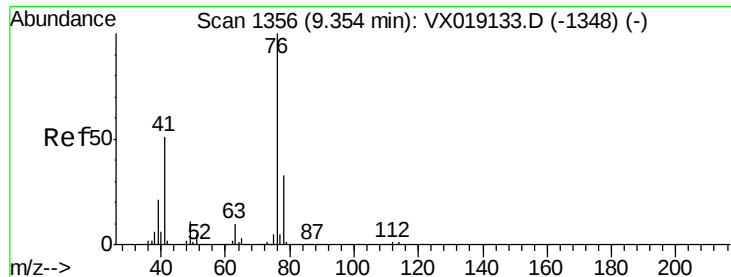
MMDadoda
 11/6/2020 9:23:27 AM



#56
 Ethyl methacrylate
 Concen: 56.585 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019327.D
 Acq: 05 Nov 2020 20:10

Tgt Ion:	69	Resp:	249930
Ion	Ratio	Lower	Upper
69	100		
41	59.9	46.5	69.7
39	34.6	27.6	41.4





#57

1,3-Dichloropropane

Concen: 53.837 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019327.D

Acq: 05 Nov 2020 20:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 265427

Ion Ratio Lower Upper

76 100

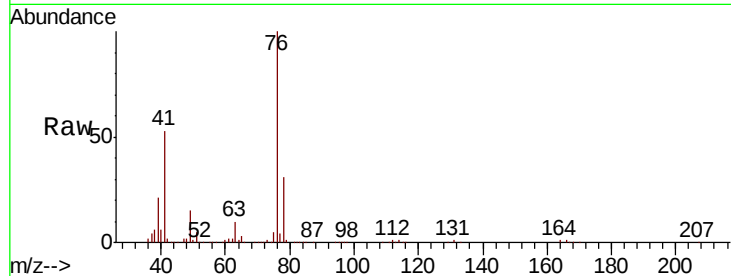
78 32.3 25.9 38.9

Manual Integrations

APPROVED

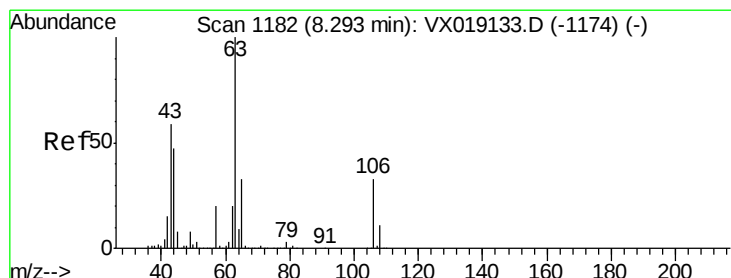
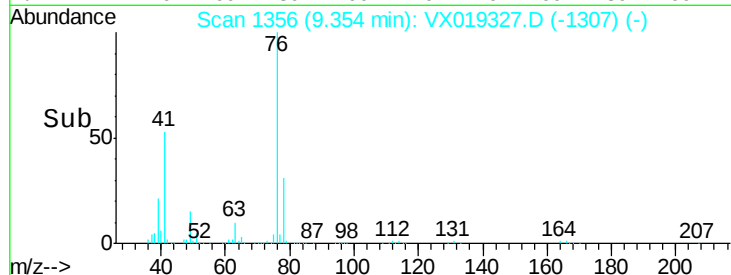
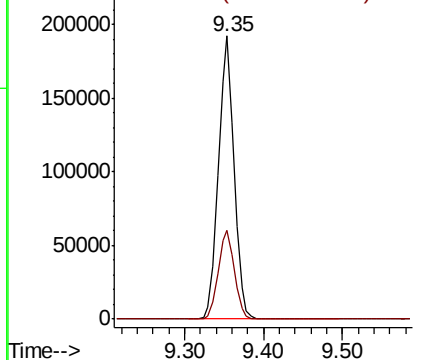
MMDadoda

11/6/2020 9:23:27 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 261.180 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX019327.D

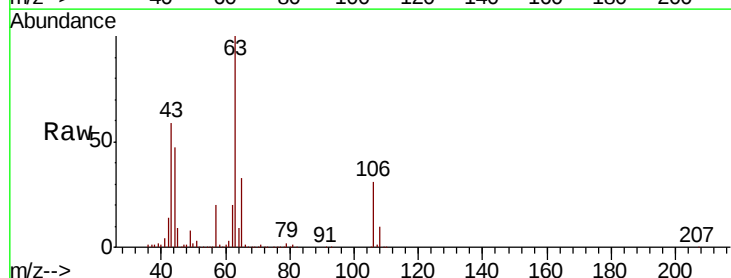
Acq: 05 Nov 2020 20:10

Tgt Ion: 63 Resp: 645162

Ion Ratio Lower Upper

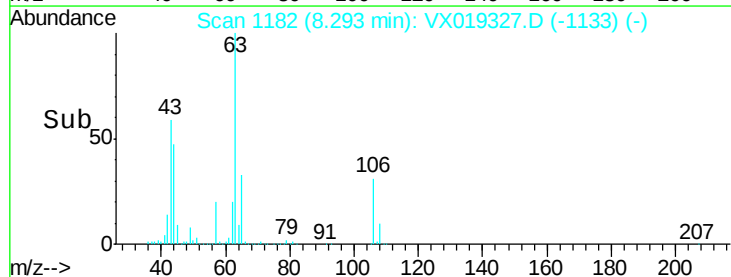
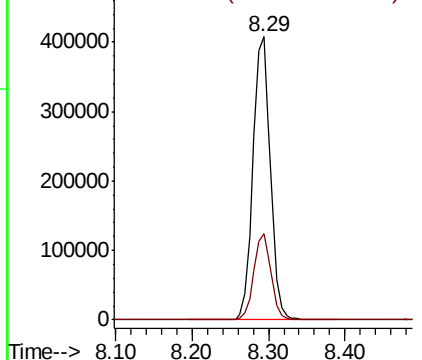
63 100

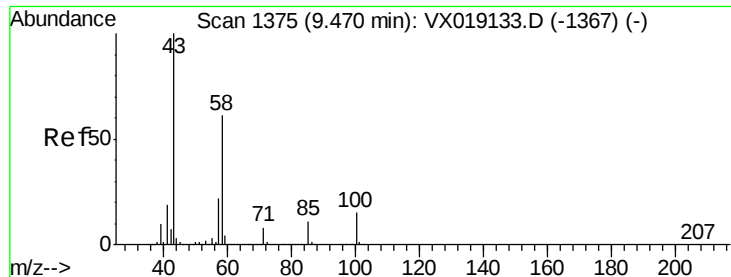
106 30.0 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





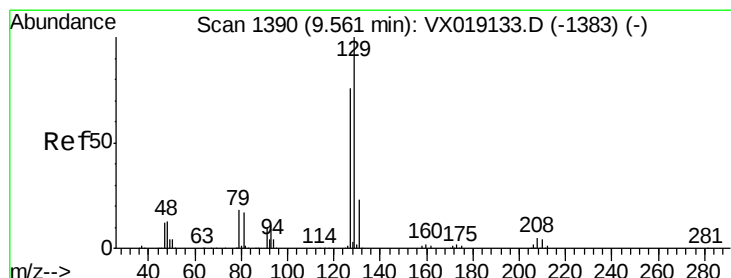
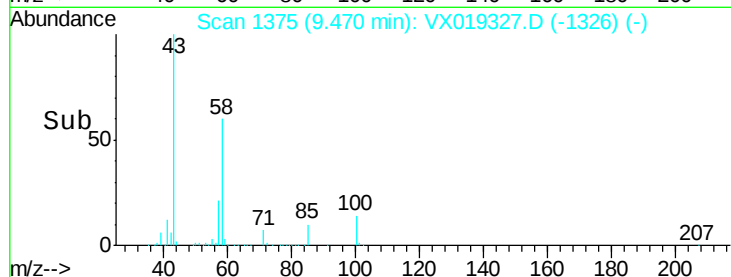
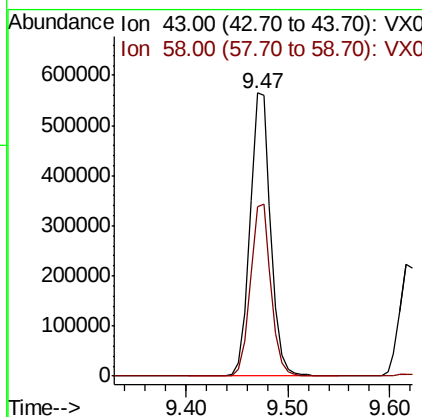
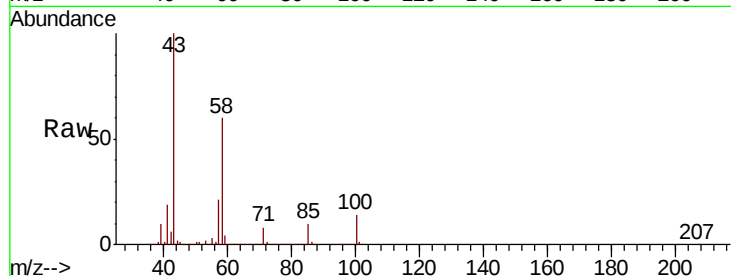
#59
2-Hexanone
Concen: 289.420 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019327.D
Acq: 05 Nov 2020 20:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	797818
Ion Ratio	100	Lower	Upper
43	100		
58	60.6	30.5	91.5

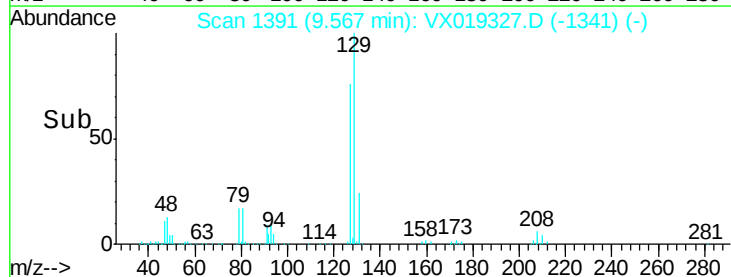
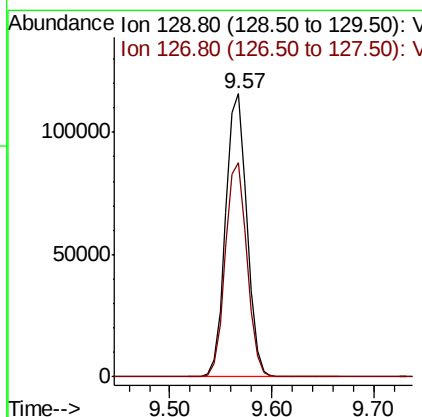
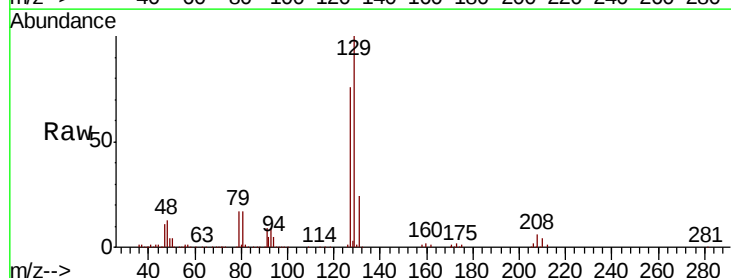
Manual Integrations
APPROVED

MMDadoda
11/6/2020 9:23:27 AM



#60
Dibromochloromethane
Concen: 52.581 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.01 min
Lab File: VX019327.D
Acq: 05 Nov 2020 20:10

Tgt Ion	129	Resp	166866
Ion Ratio	100	Lower	Upper
129	100		
127	77.0	38.6	115.8





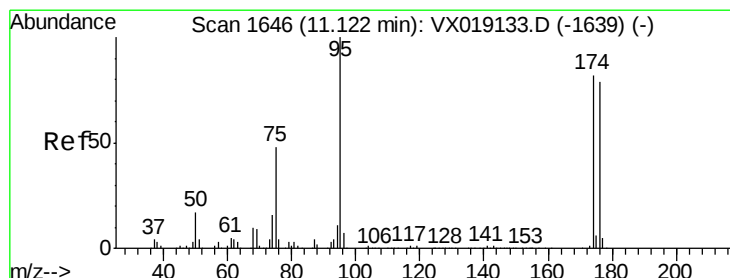
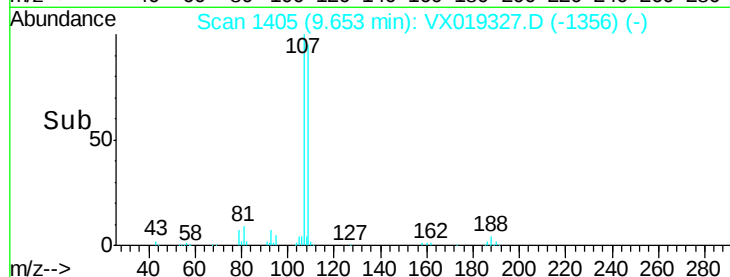
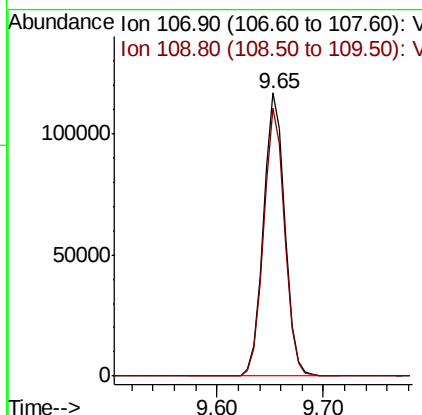
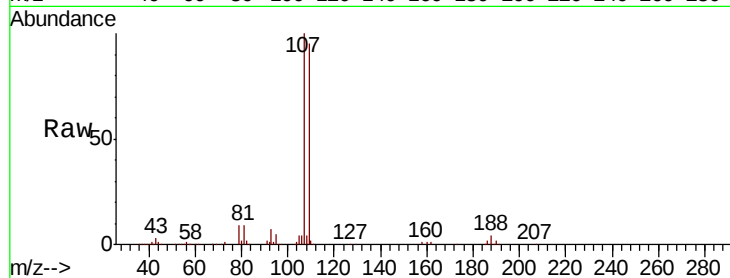
#61
 1,2-Dibromoethane
 Concen: 52.561 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX019327.D
 Acq: 05 Nov 2020 20:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.4	75.9	113.9

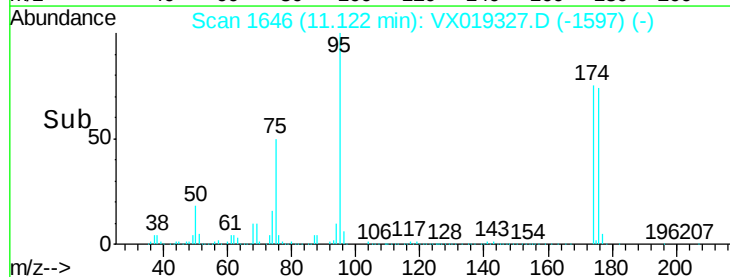
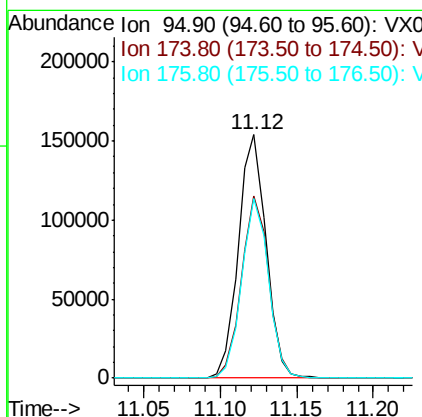
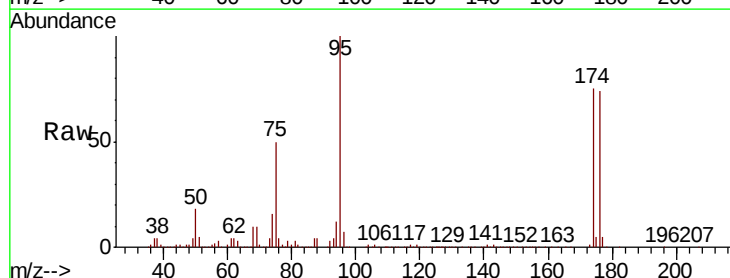
Manual Integrations
 APPROVED

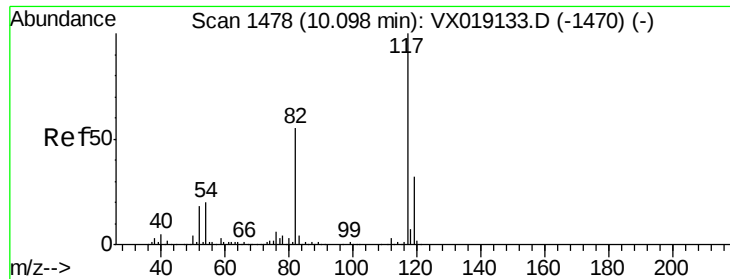
MMDadoda
 11/6/2020 9:23:27 AM



#62
 4-Bromofluorobenzene
 Concen: 48.785 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX019327.D
 Acq: 05 Nov 2020 20:10

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.0	0.0	156.0
176	72.3	0.0	149.8





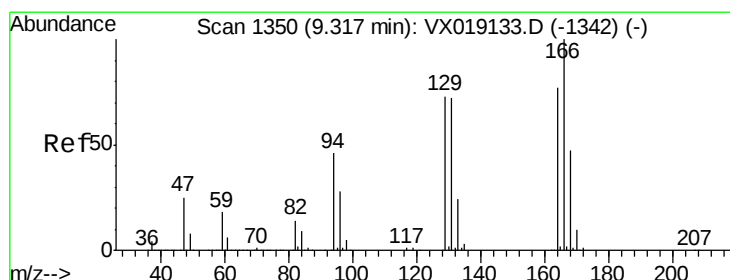
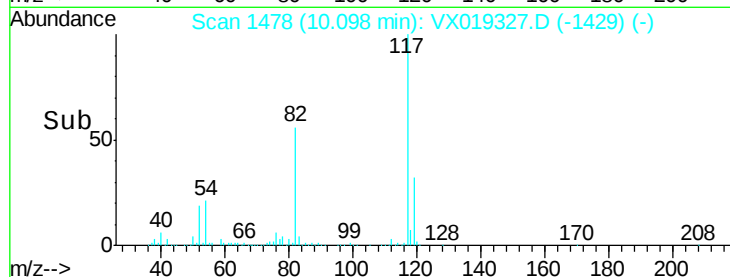
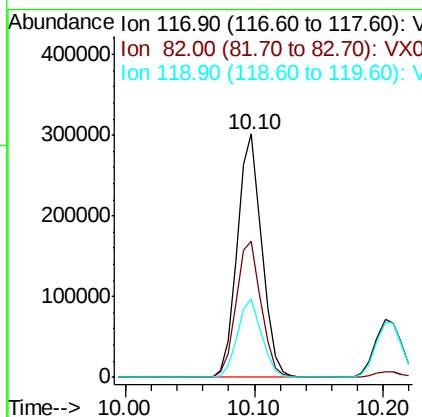
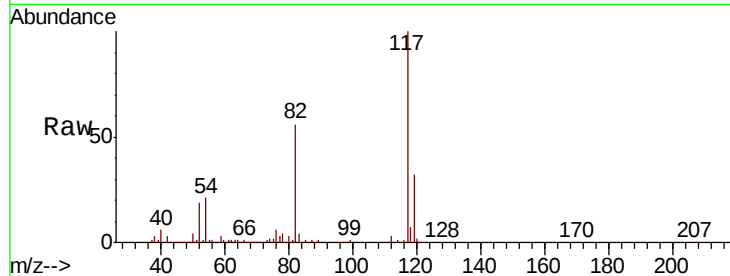
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019327.D
Acq: 05 Nov 2020 20:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	398246		
82	56.1	43.6	65.4	
119	32.2	25.5	38.3	

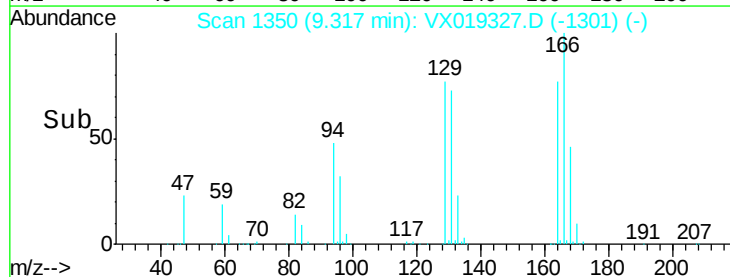
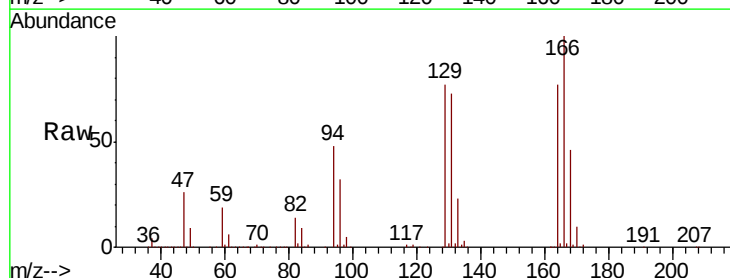
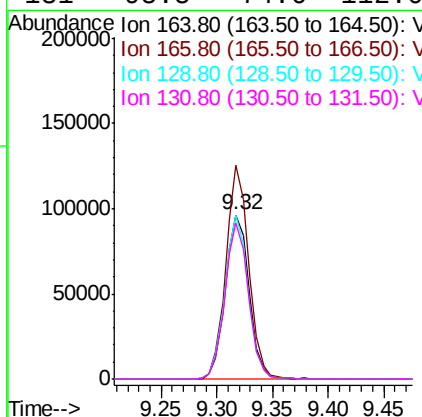
Manual Integrations
APPROVED

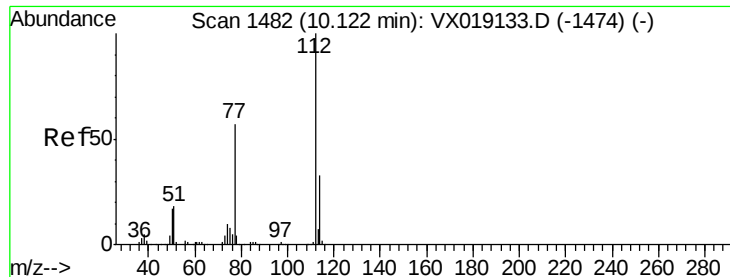
MMDadoda
11/6/2020 9:23:27 AM



#64
Tetrachloroethene
Concen: 46.838 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019327.D
Acq: 05 Nov 2020 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	142117		
166	130.2	104.1	156.1	
129	99.7	76.2	114.4	
131	95.5	74.6	112.0	





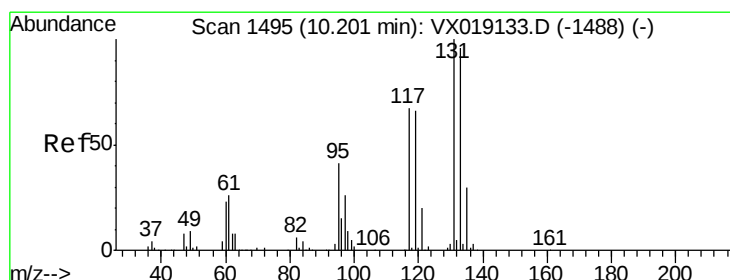
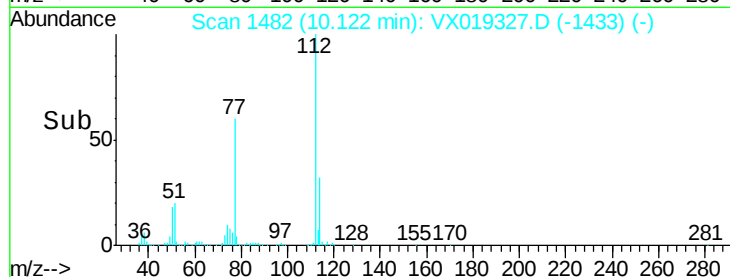
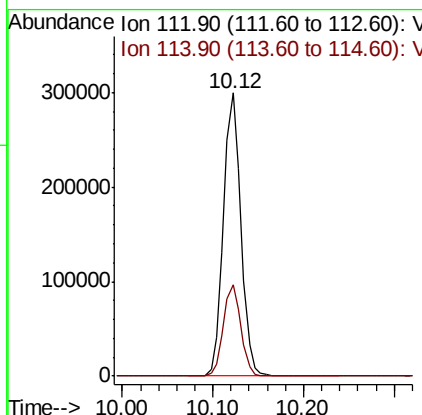
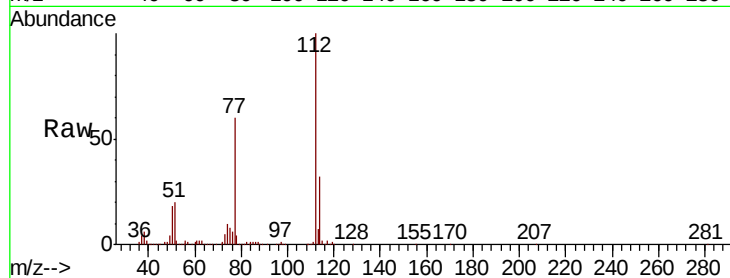
#65
Chlorobenzene
Concen: 49.402 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019327.D
Acq: 05 Nov 2020 20:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	26.1	39.1

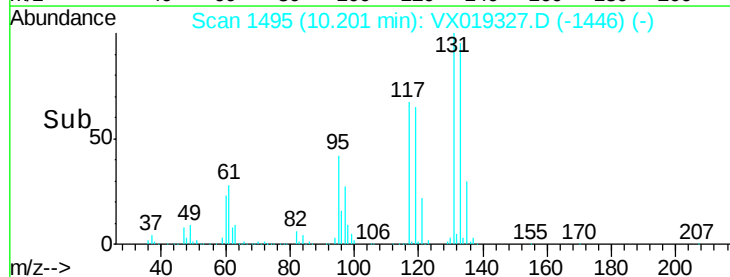
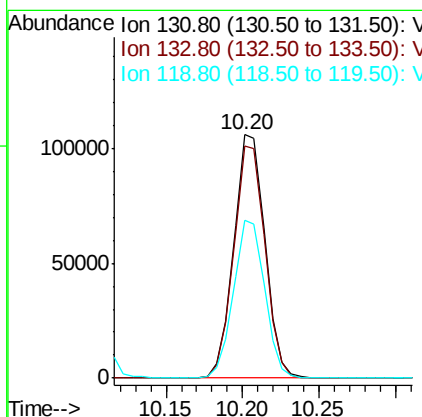
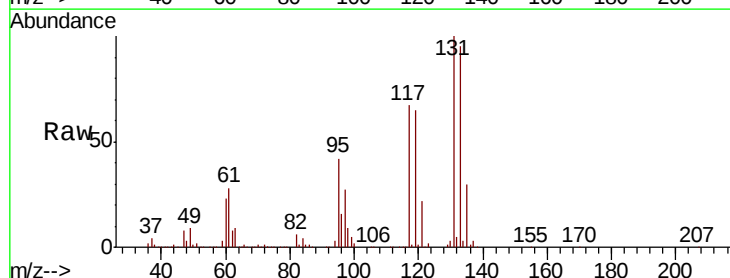
Manual Integrations
APPROVED

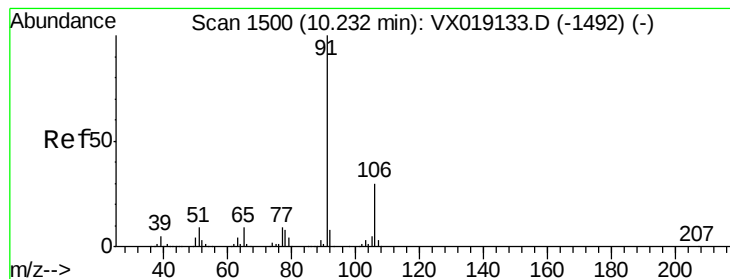
MMDadoda
11/6/2020 9:23:27 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.122 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019327.D
Acq: 05 Nov 2020 20:10

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.8	47.3	141.8
119	64.8	32.3	96.9





#67

Ethyl Benzene

Concen: 51.276 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX019327.D

Acq: 05 Nov 2020 20:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 743729

Ion Ratio Lower Upper

91 100

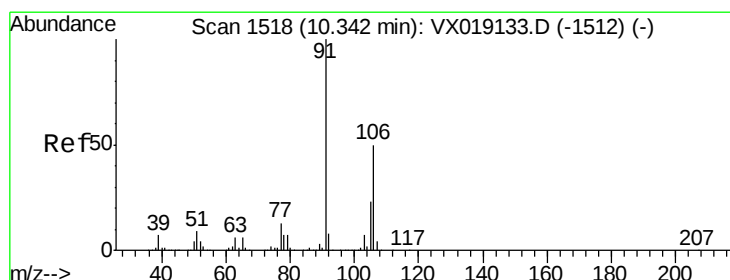
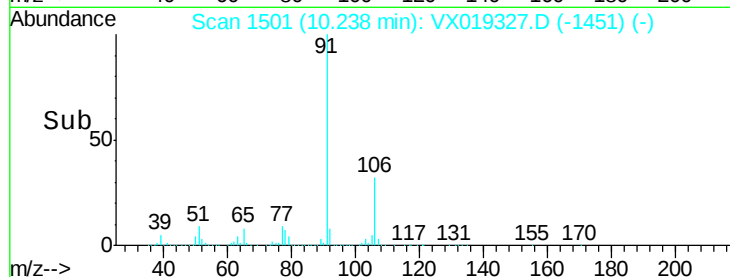
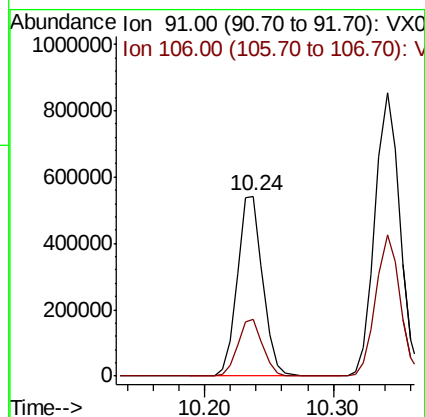
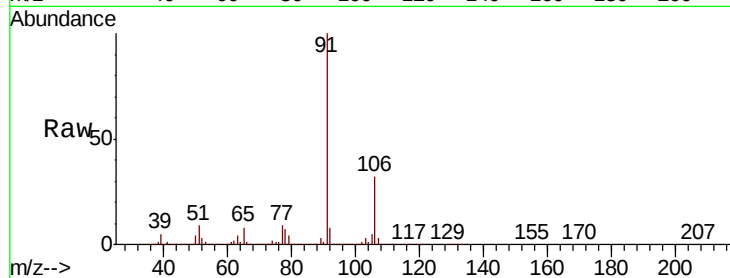
106 31.7 24.3 36.5

Manual Integrations

APPROVED

MMDadoda

11/6/2020 9:23:27 AM



#68

m/p-Xylenes

Concen: 101.889 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019327.D

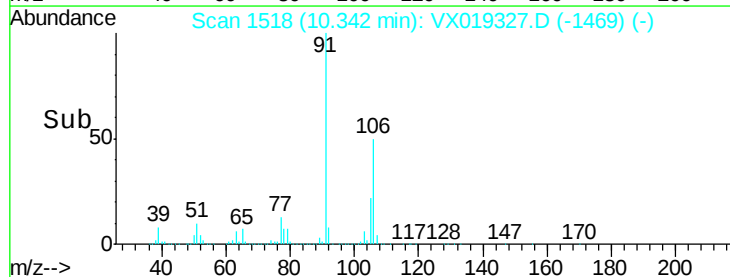
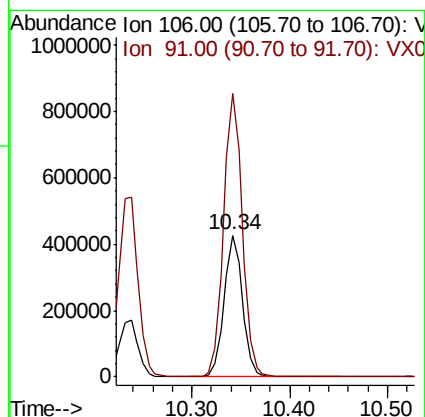
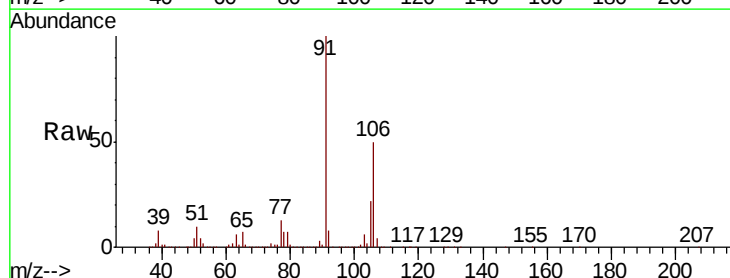
Acq: 05 Nov 2020 20:10

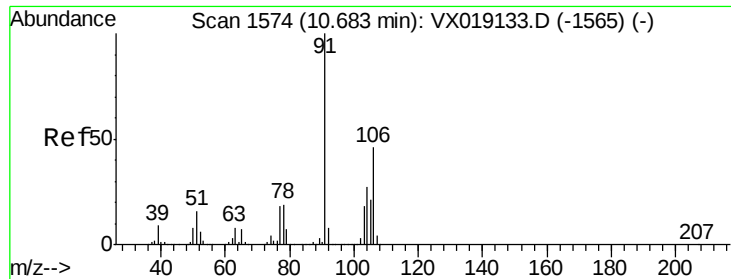
Tgt Ion: 106 Resp: 554655

Ion Ratio Lower Upper

106 100

91 204.2 161.0 241.4





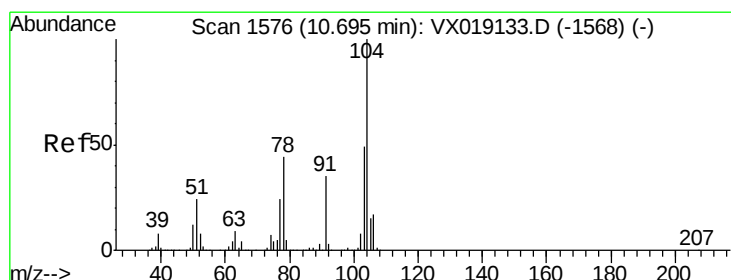
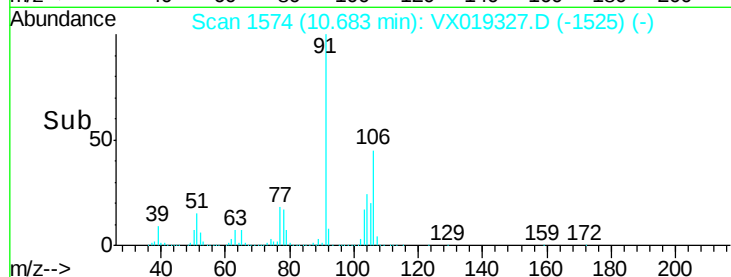
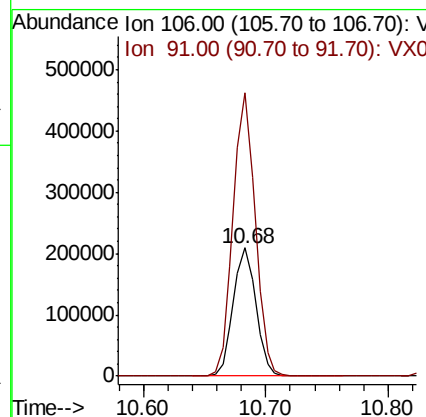
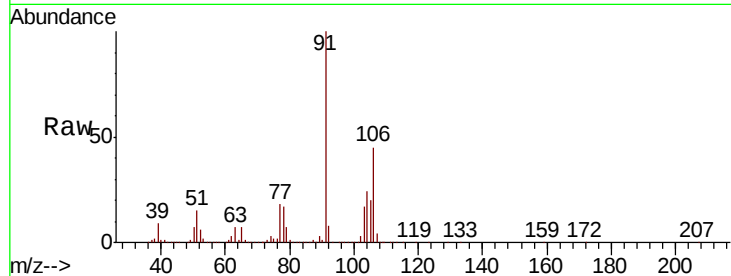
#69
o-Xylene
Concen: 51.681 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019327.D
Acq: 05 Nov 2020 20:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		266847		
91	217.6	108.3	324.8		

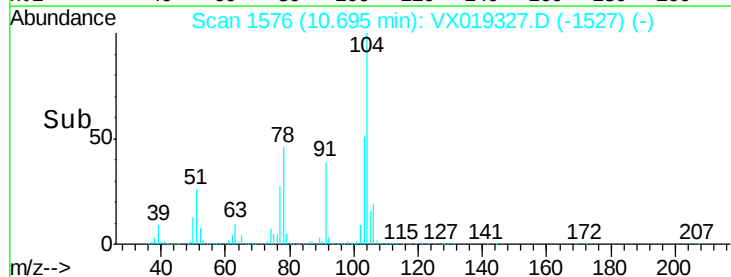
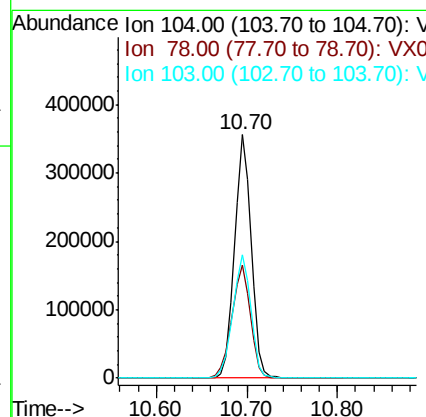
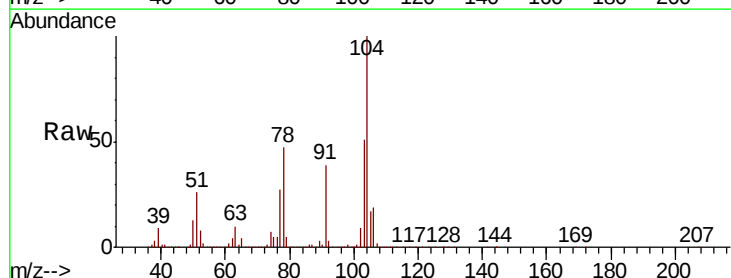
Manual Integrations
APPROVED

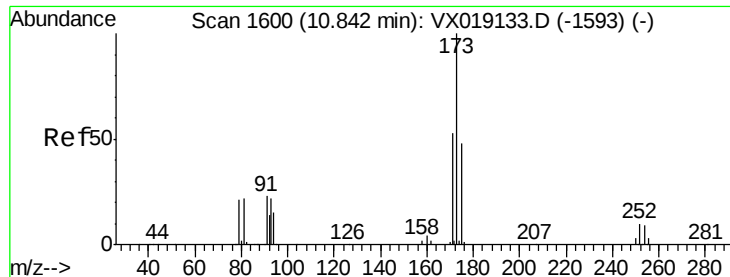
MMDadoda
11/6/2020 9:23:27 AM



#70
Styrene
Concen: 51.741 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019327.D
Acq: 05 Nov 2020 20:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		455832		
78	51.6	40.0	60.0		
103	54.9	43.5	65.3		





#71

Bromoform

Concen: 50.493 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019327.D

Acq: 05 Nov 2020 20:10

Instrument :

MSVOA_X

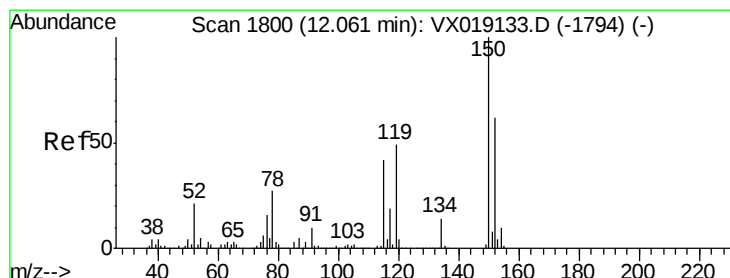
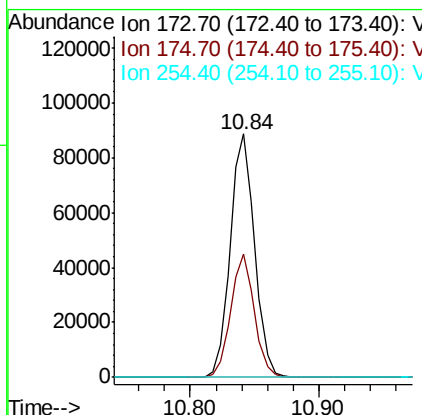
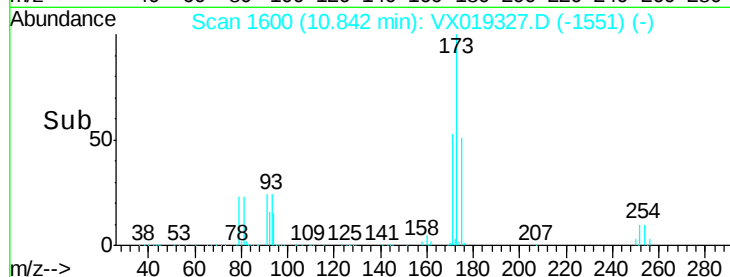
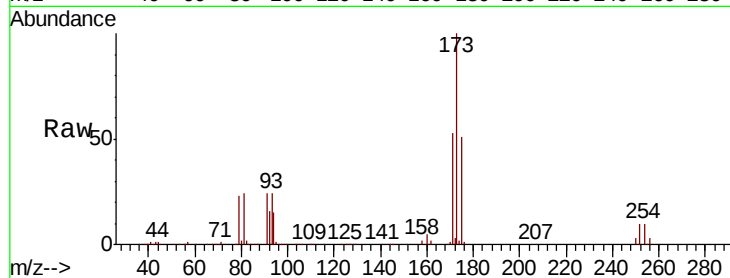
ClientSampleId :

VSTDCCC050EC

Tot Ion:	173	Resp:	117312
Ion Ratio	Lower	Upper	
173	100		
175	48.9	24.4	73.4
254	0.1	0.1	0.1

Manual Integrations
APPROVED

MMDadoda
11/6/2020 9:23:27 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

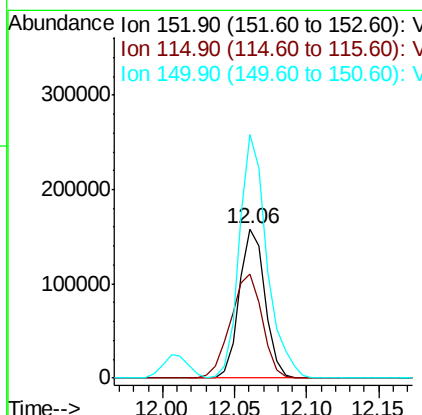
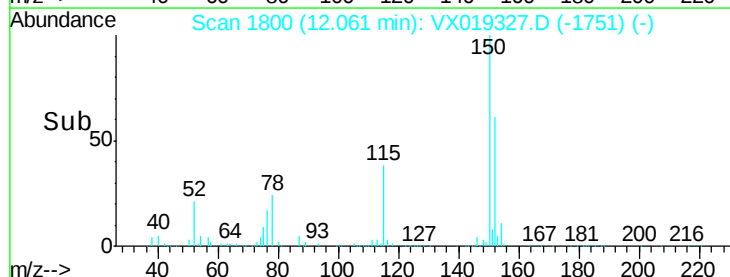
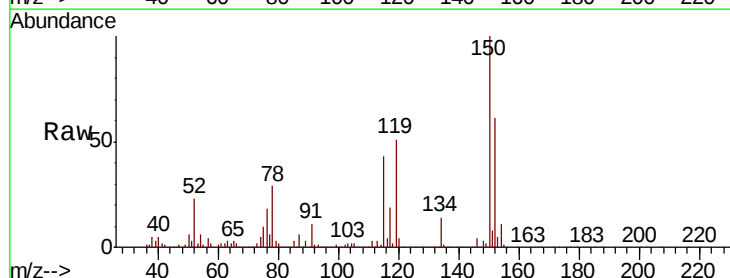
RT: 12.06 min Scan# 1800

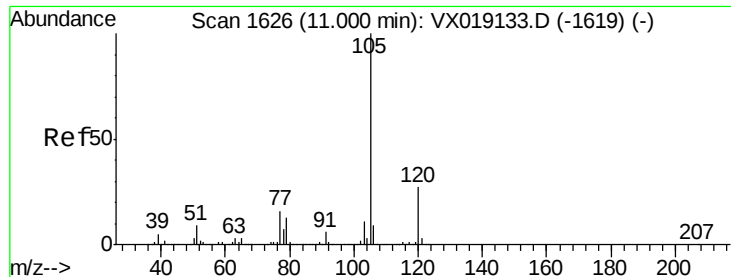
Delta R.T. -0.00 min

Lab File: VX019327.D

Acq: 05 Nov 2020 20:10

Tgt Ion:	152	Resp:	196251
Ion Ratio	Lower	Upper	
152	100		
115	86.0	41.9	125.7
150	174.3	0.0	347.8





#73

Isopropylbenzene

Concen: 51.038 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019327.D

Acq: 05 Nov 2020 20:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 709005

Ion Ratio Lower Upper

105 100

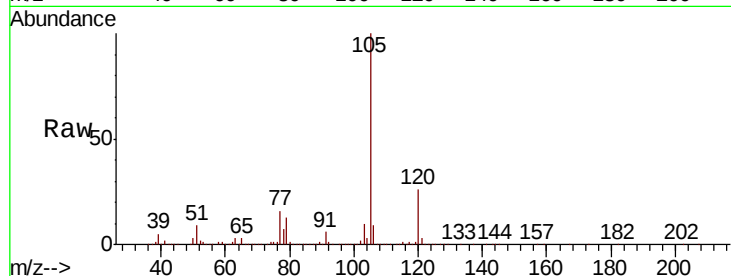
120 26.4 13.3 39.8

Manual Integrations

APPROVED

MMDadoda

11/6/2020 9:23:27 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

100000

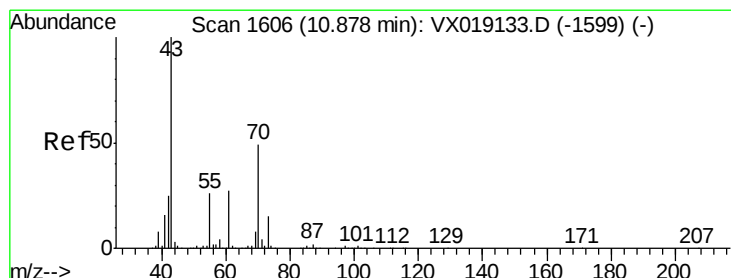
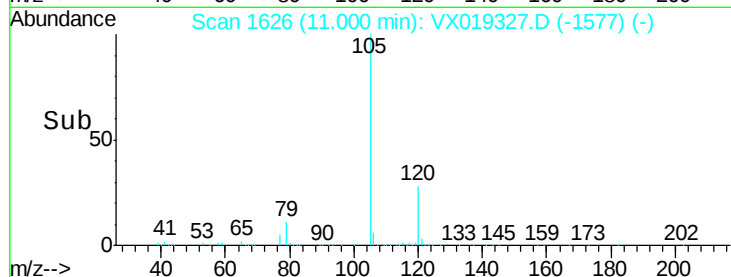
0

11.00

10.90

11.10

Time-->



#74

N-ethyl acetate

Concen: 59.668 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019327.D

Acq: 05 Nov 2020 20:10

Tgt Ion: 43 Resp: 303066

Ion Ratio Lower Upper

43 100

70 48.7 39.6 59.4

55 25.5 20.7 31.1

61 27.0 21.9 32.9

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

300000

200000

100000

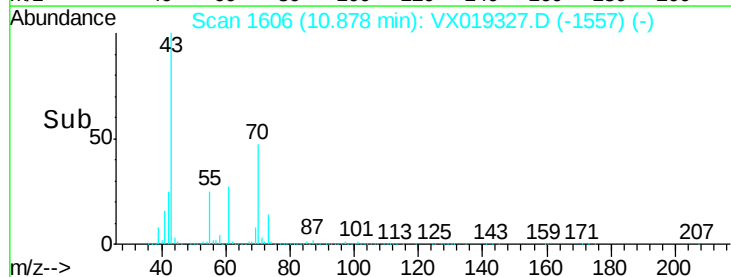
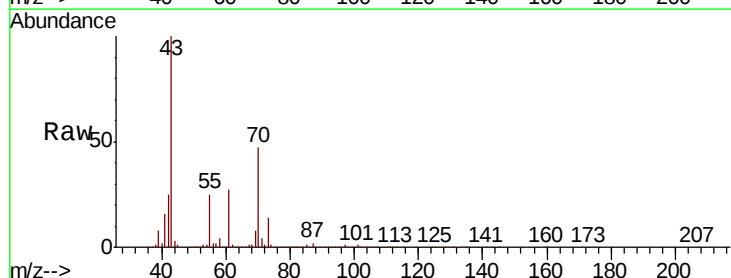
0

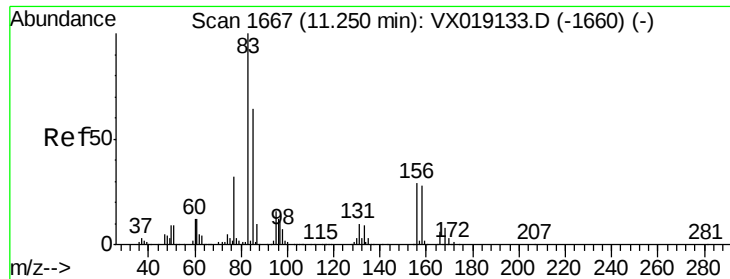
10.88

10.80

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 55.126 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019327.D

Acq: 05 Nov 2020 20:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 239328

Ion Ratio Lower Upper

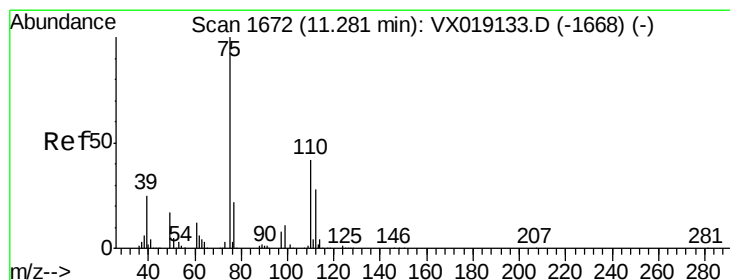
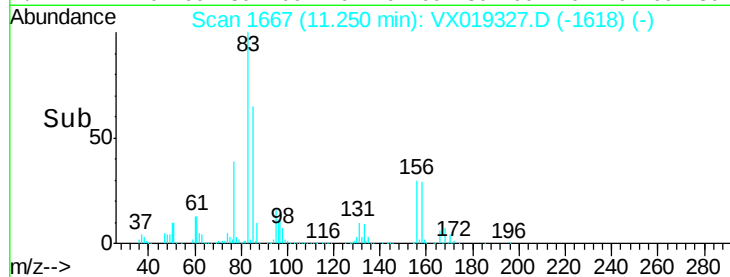
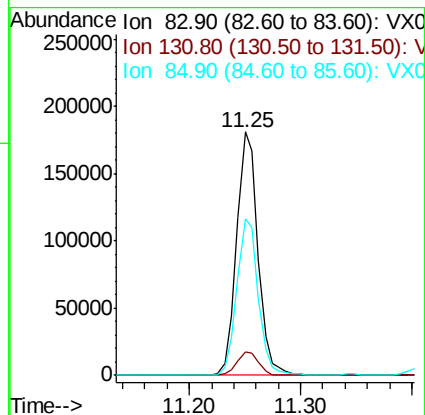
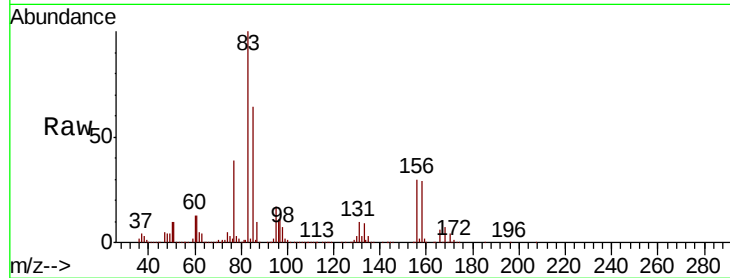
83 100

131 10.1 5.2 15.6

85 64.8 32.1 96.3

Manual Integrations
APPROVED

MMDadoda
11/6/2020 9:23:27 AM



#76

1,2,3-Trichloropropane

Concen: 54.842 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019327.D

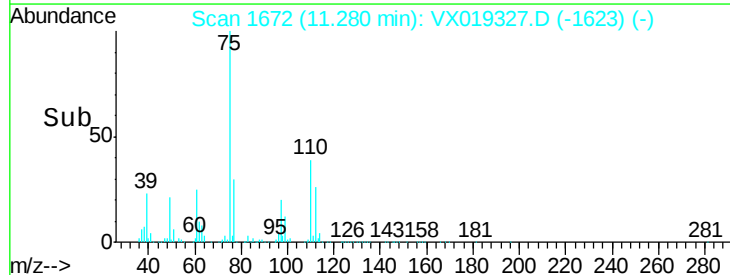
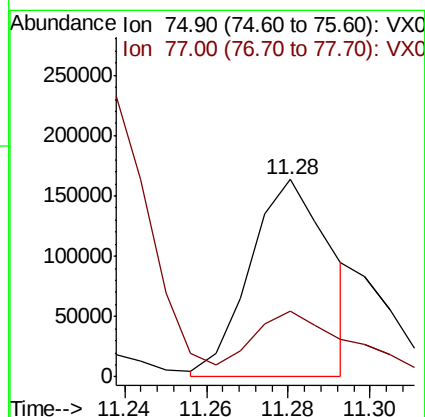
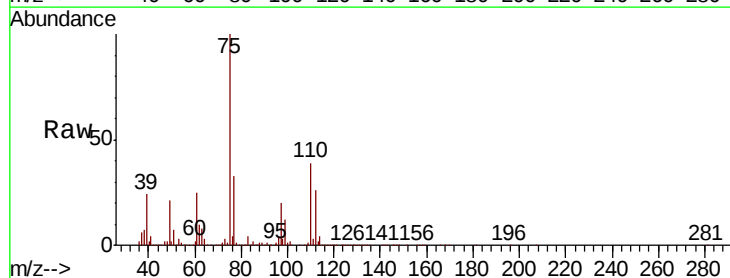
Acq: 05 Nov 2020 20:10

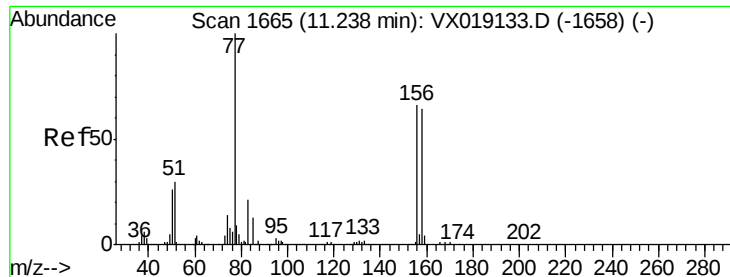
Tgt Ion: 75 Resp: 222228

Ion Ratio Lower Upper

75 100

77 41.1 20.3 60.9





#77

Bromobenzene

Concen: 50.512 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019327.D

Acq: 05 Nov 2020 20:10

Instrument :

MSVOA_X

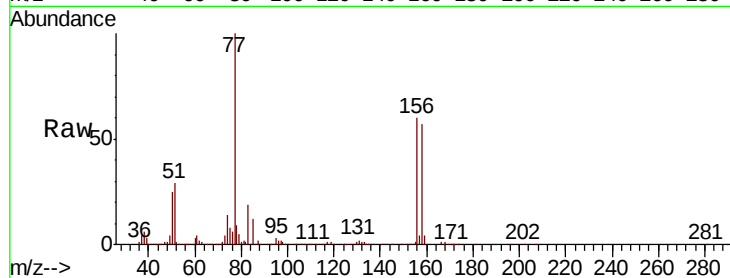
ClientSampleId :

VSTDCCC050EC

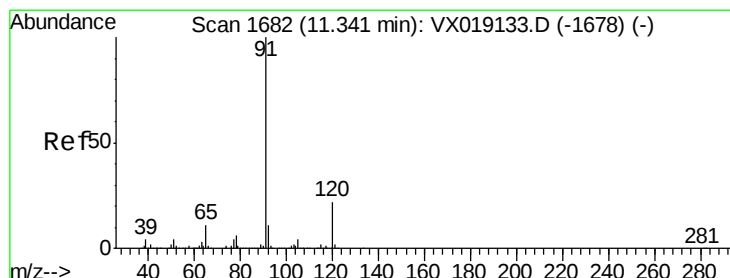
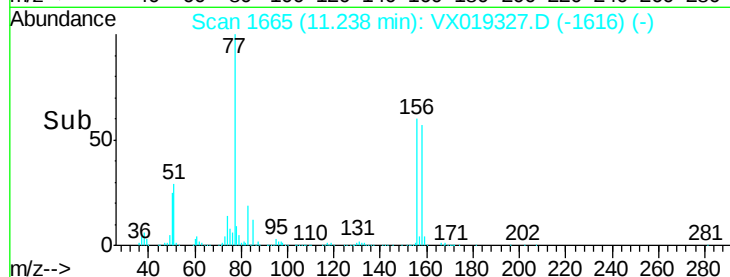
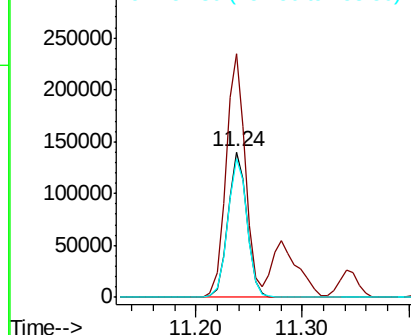
Tot Ion:	156	Resp:	174151
Ion Ratio	Lower	Upper	
156	100		
77	170.1	77.7	233.1
158	97.4	48.3	144.8

Manual Integrations
APPROVED

MMDadoda
11/6/2020 9:23:27 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: 51.574 ug/l

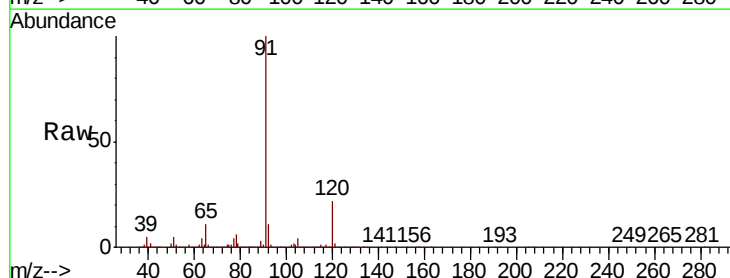
RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

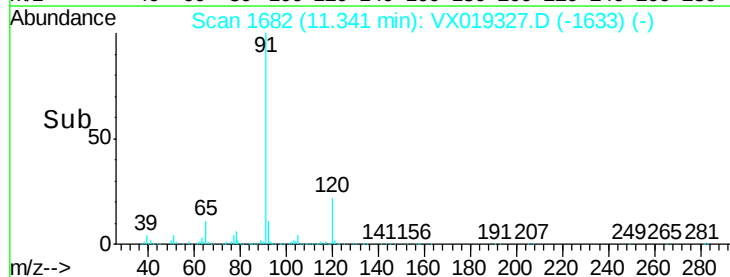
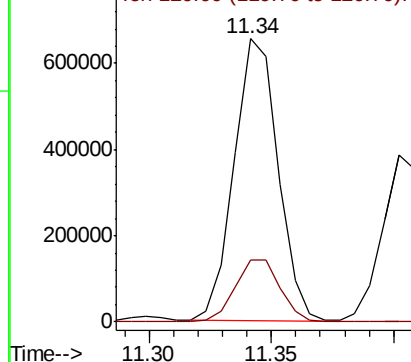
Lab File: VX019327.D

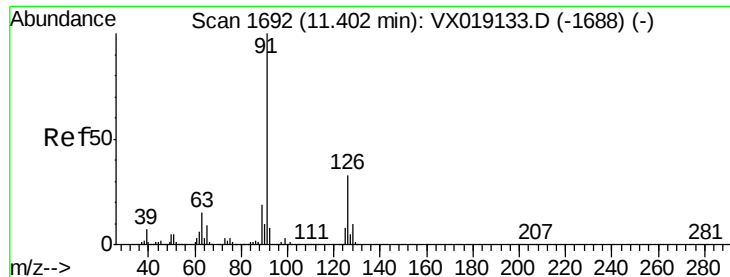
Acq: 05 Nov 2020 20:10

Tgt Ion:	91	Resp:	817857
Ion Ratio	Lower	Upper	
91	100		
120	22.8	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: 52.343 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019327.D

Acq: 05 Nov 2020 20:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 488676

Ion Ratio Lower Upper

91 100

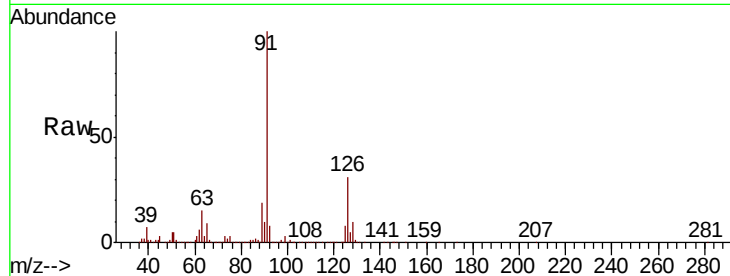
126 32.8 16.9 50.7

Manual Integrations

APPROVED

MMDadoda

11/6/2020 9:23:27 AM



Abundance Ion 91.00 (90.70 to 91.70): VX019133.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX019133.D (-1688) (-)

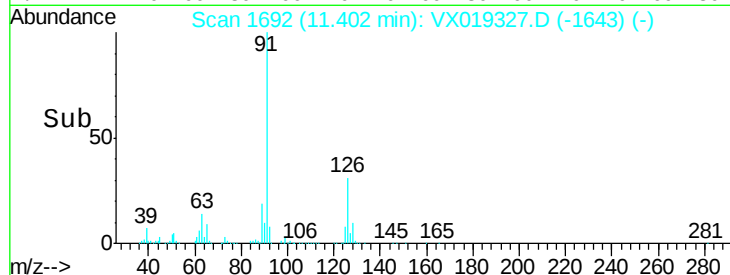
600000

400000

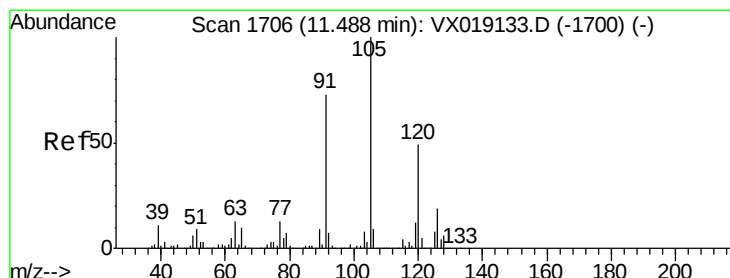
200000

0

11.35 11.40 11.45



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 51.008 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019327.D

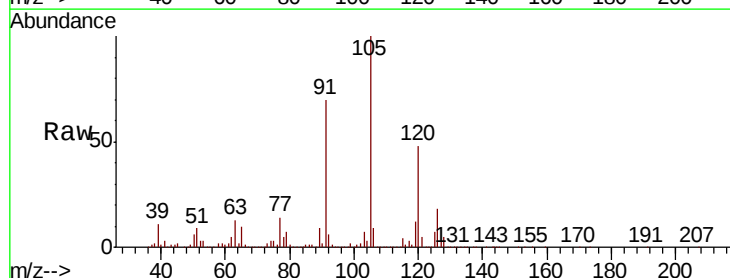
Acq: 05 Nov 2020 20:10

Tgt Ion:105 Resp: 598609

Ion Ratio Lower Upper

105 100

120 48.8 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX019133.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX019133.D (-1700) (-)

500000

400000

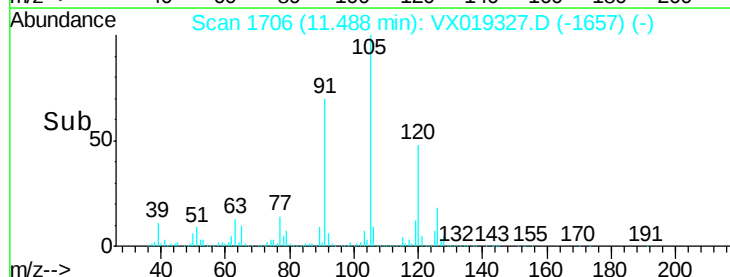
300000

200000

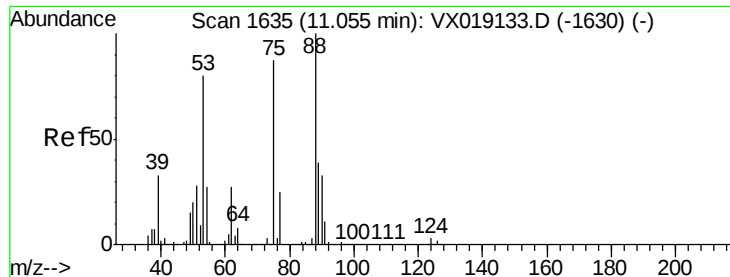
100000

0

11.45 11.50 11.55



Time-->



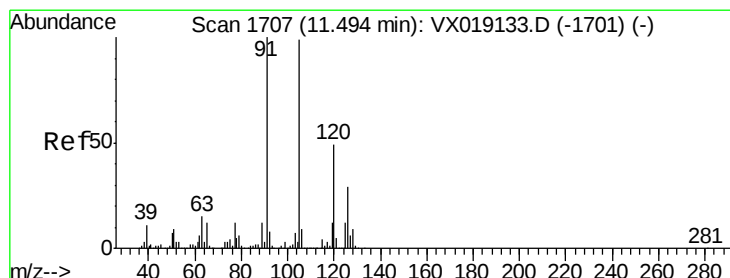
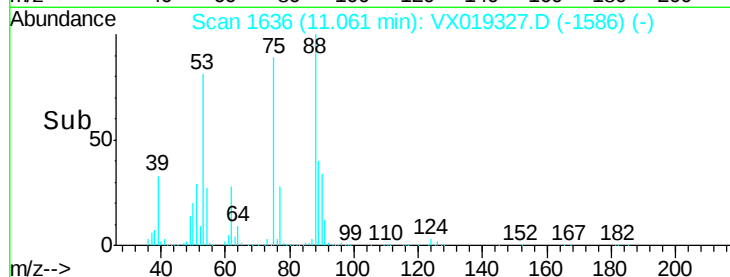
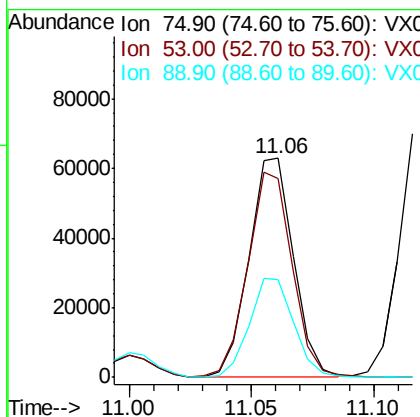
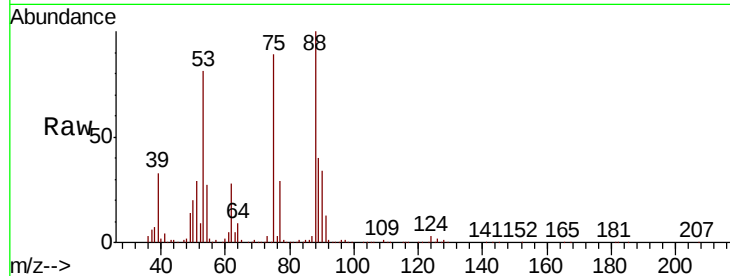
#81
trans-1,4-Dichloro-2-butene
Concen: 51.531 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX019327.D
Acq: 05 Nov 2020 20:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	94.0	73.3	109.9
89	45.6	38.2	57.2

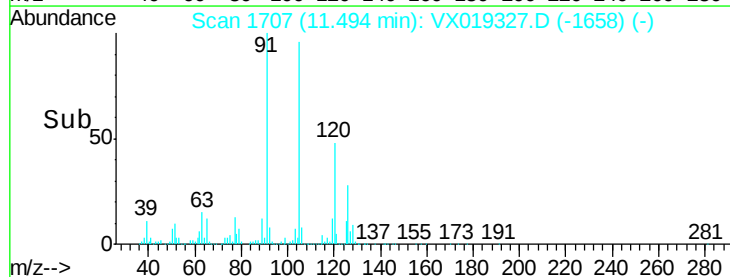
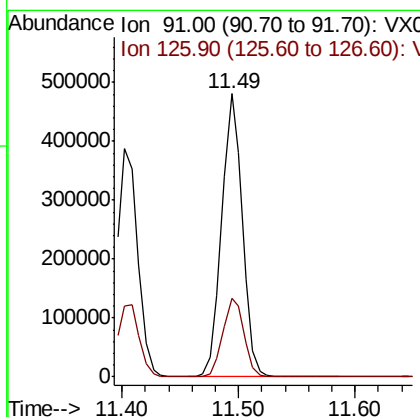
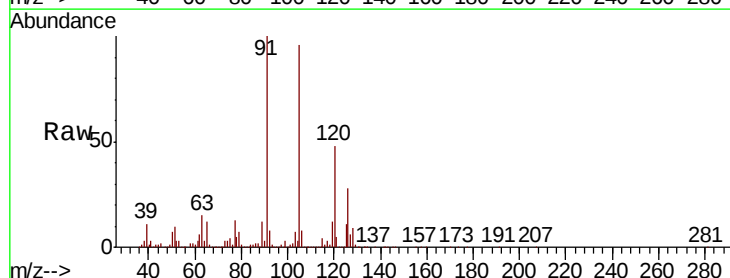
Manual Integrations
APPROVED

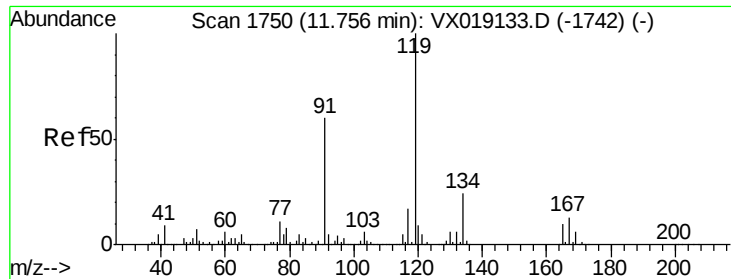
MMDadoda
11/6/2020 9:23:27 AM



#82
4-Chlorotoluene
Concen: 51.291 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019327.D
Acq: 05 Nov 2020 20:10

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.6	14.8	44.4





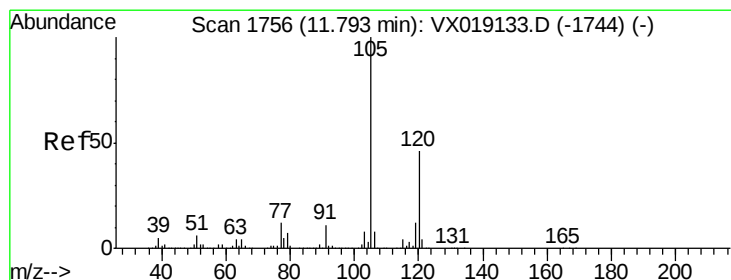
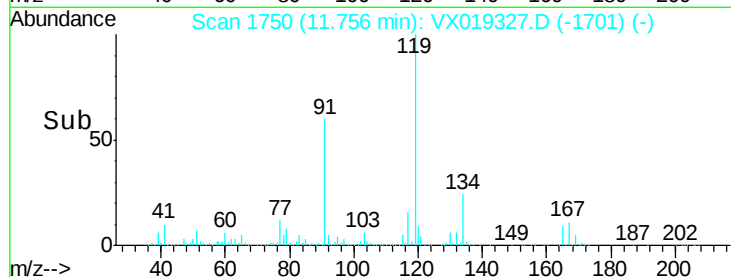
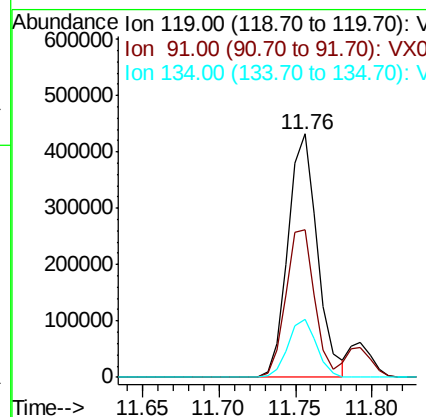
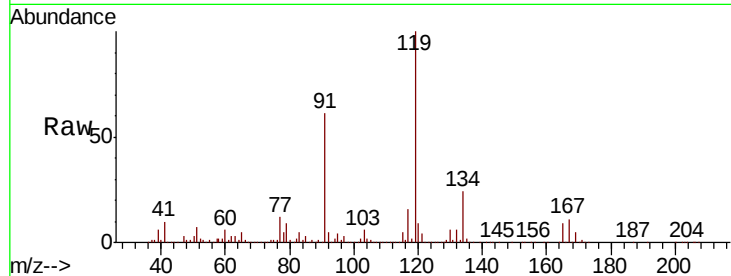
#83
 tert-Butylbenzene
 Concen: 51.176 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019327.D
 Acq: 05 Nov 2020 20:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.0	29.0	87.1
134	23.2	11.7	35.0

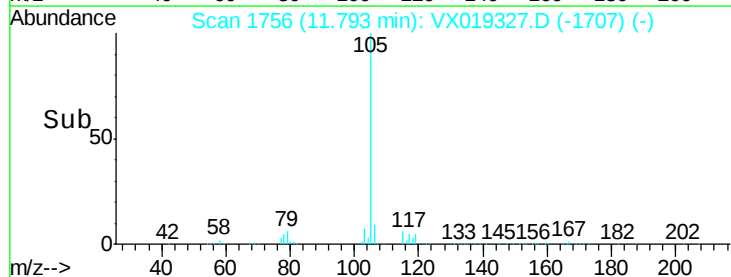
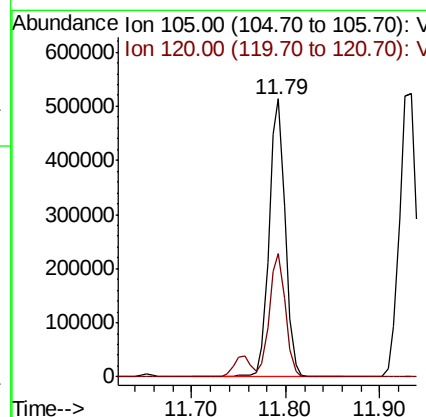
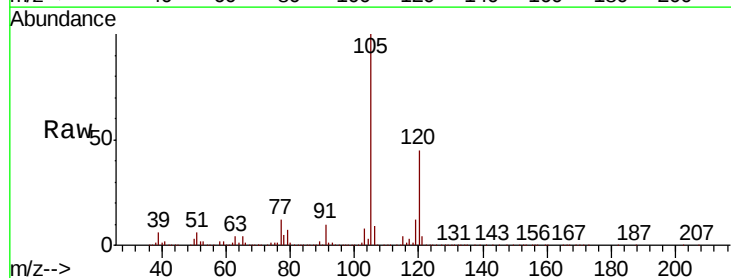
Manual Integrations
 APPROVED

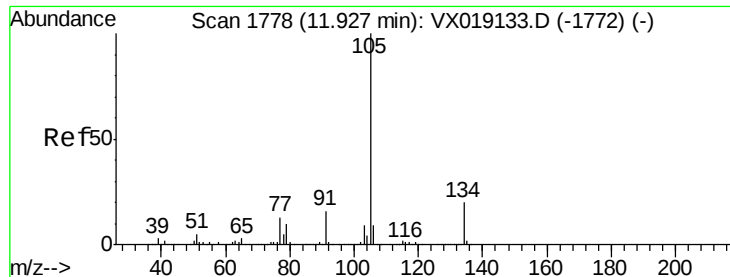
MMDadoda
 11/6/2020 9:23:27 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 52.357 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019327.D
 Acq: 05 Nov 2020 20:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.4	67.3





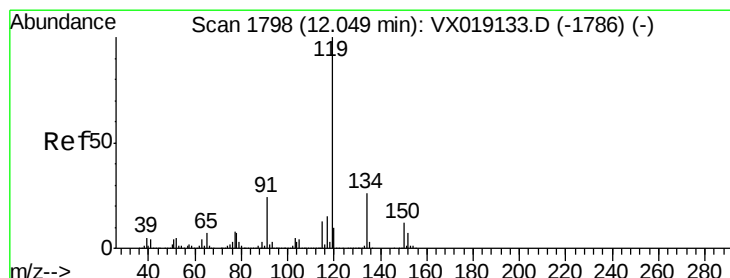
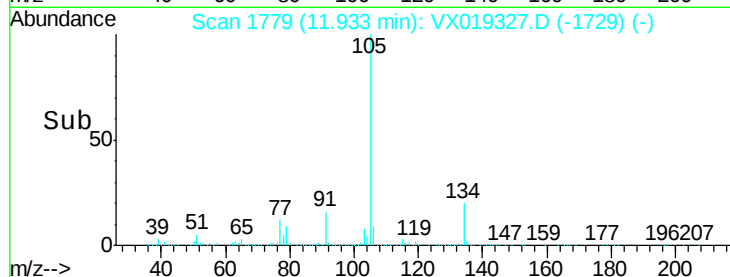
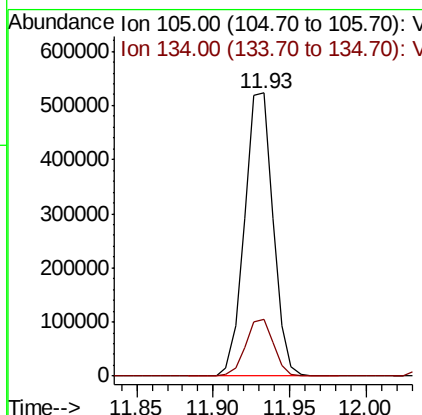
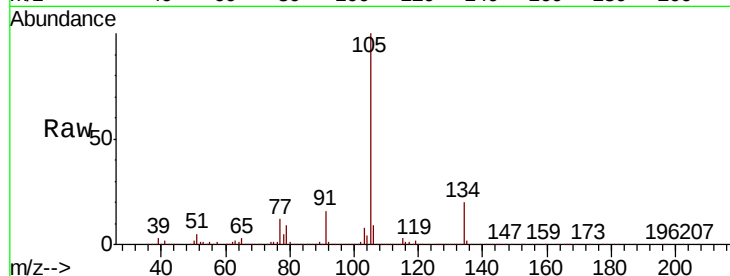
#85
 sec-Butylbenzene
 Concen: 50.245 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX019327.D
 Acq: 05 Nov 2020 20:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.7	10.1	30.1

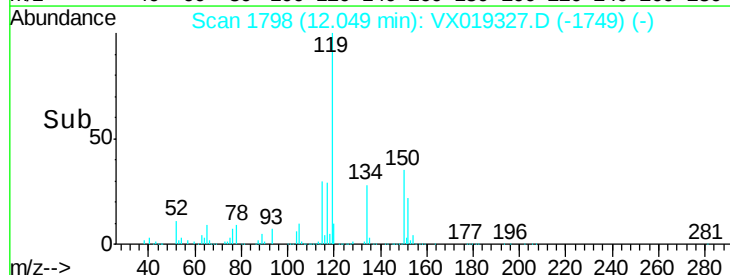
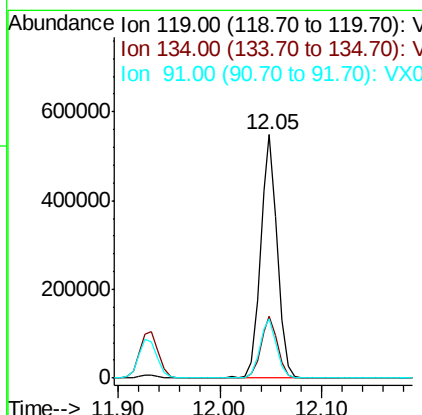
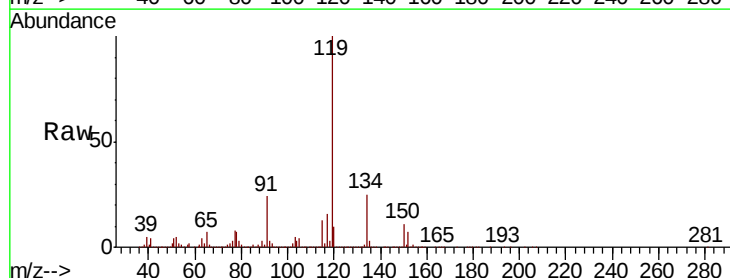
Manual Integrations
 APPROVED

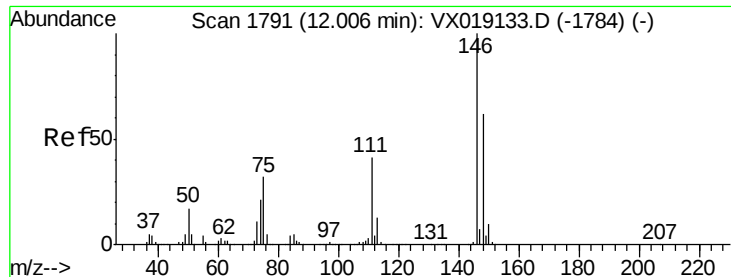
MMDadoda
 11/6/2020 9:23:27 AM



#86
 p-Isopropyltoluene
 Concen: 50.609 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019327.D
 Acq: 05 Nov 2020 20:10

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.4	12.9	38.7
91	24.3	12.0	36.0





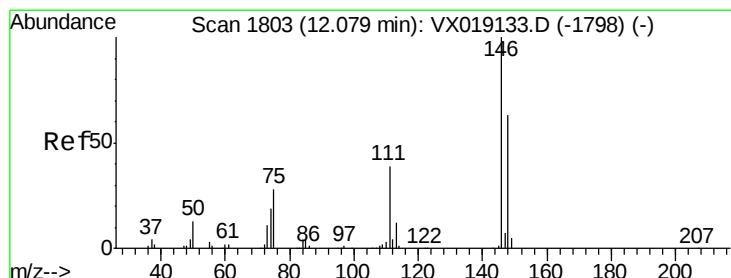
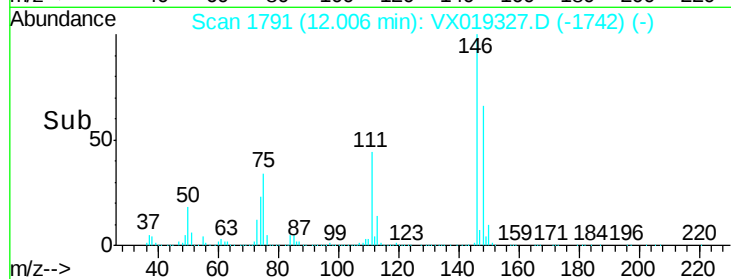
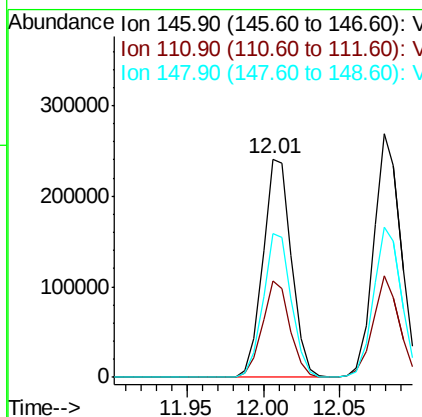
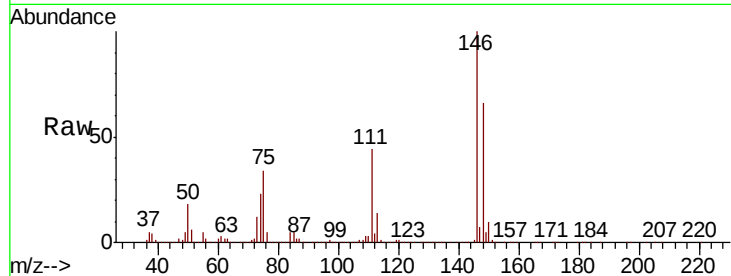
#87
 1,3-Dichlorobenzene
 Concen: 48.855 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019327.D
 Acq: 05 Nov 2020 20:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.4	61.2
148	65.2	31.6	94.8

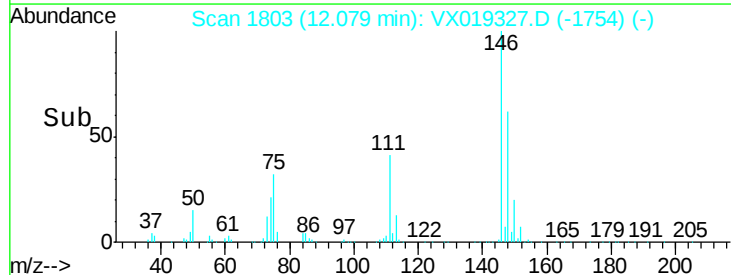
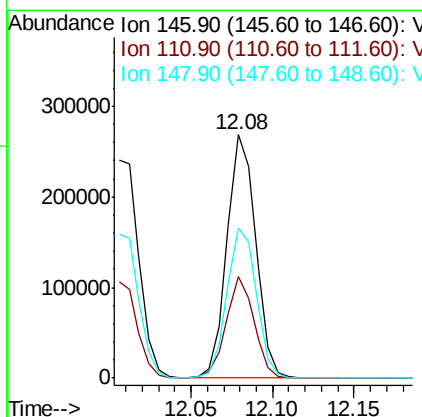
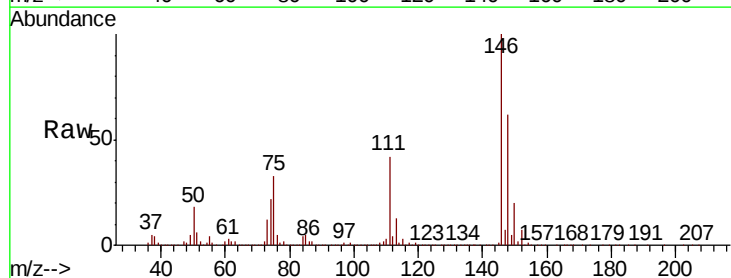
Manual Integrations
 APPROVED

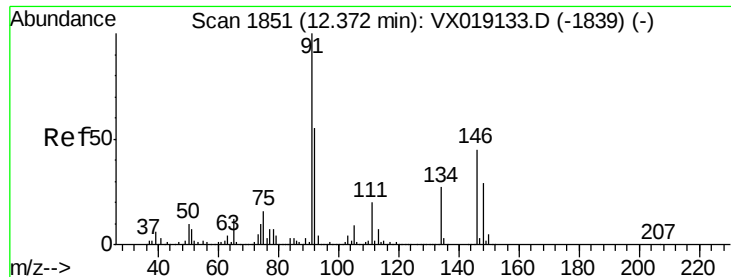
MMDadoda
 11/6/2020 9:23:27 AM



#88
 1,4-Dichlorobenzene
 Concen: 49.319 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019327.D
 Acq: 05 Nov 2020 20:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.2	60.5
148	63.3	31.3	93.8





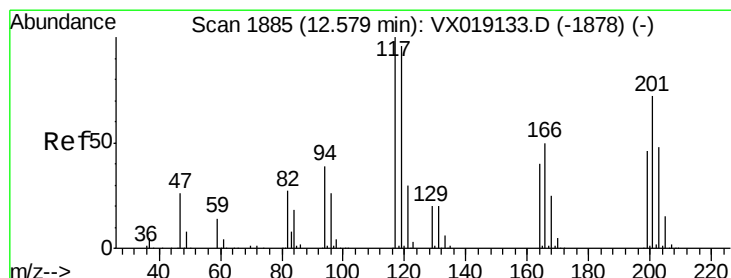
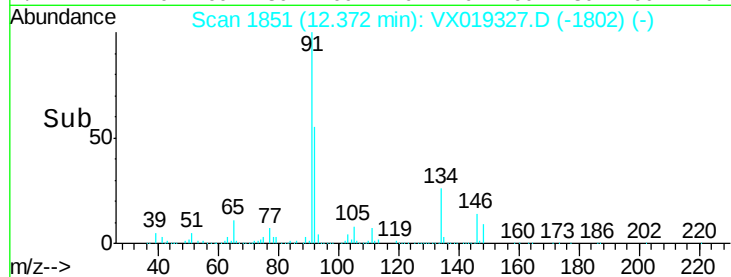
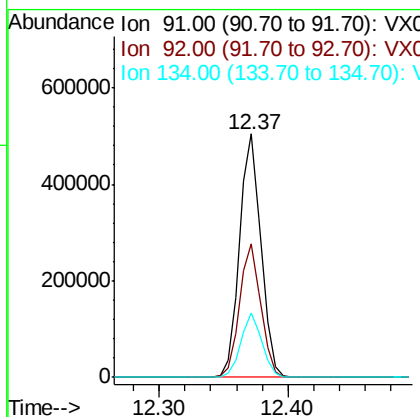
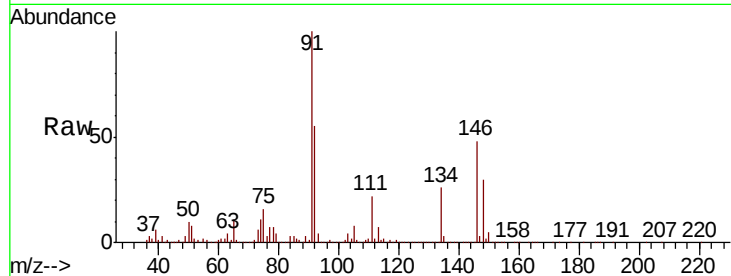
#89
n-Butylbenzene
Concen: 49.664 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019327.D
Acq: 05 Nov 2020 20:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.5	82.4
134	25.9	13.2	39.6

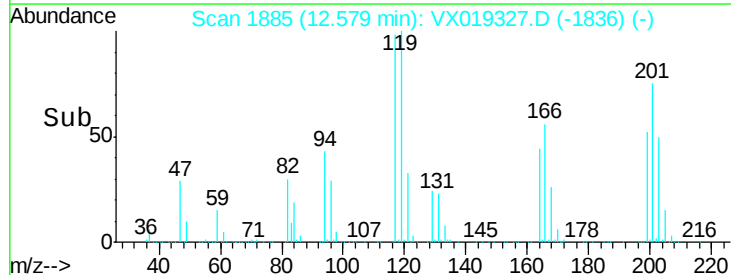
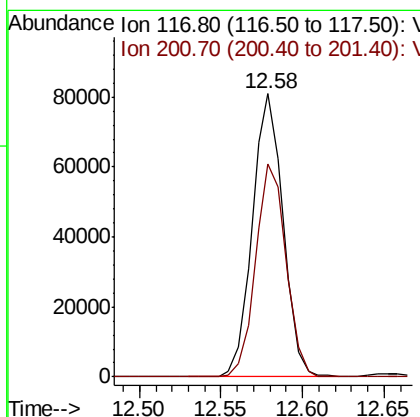
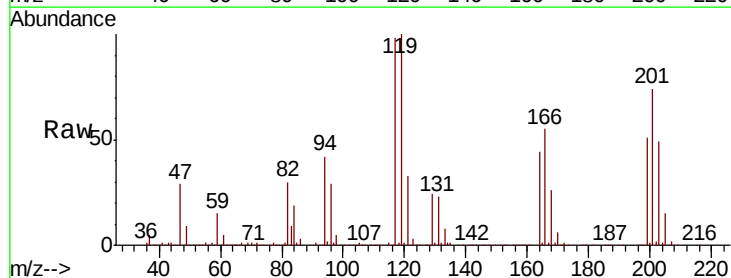
Manual Integrations
APPROVED

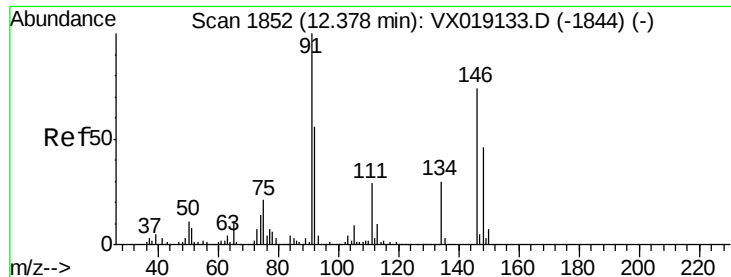
MMDadoda
11/6/2020 9:23:27 AM



#90
Hexachloroethane
Concen: 49.771 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019327.D
Acq: 05 Nov 2020 20:10

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.8	38.5	115.3





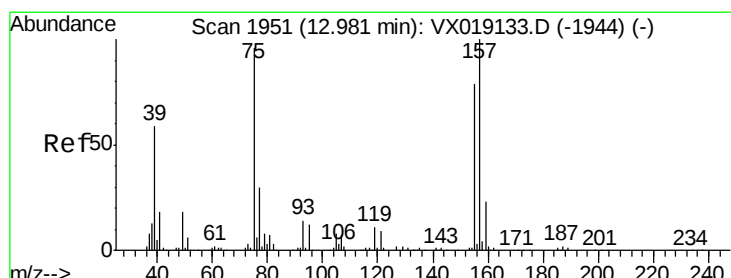
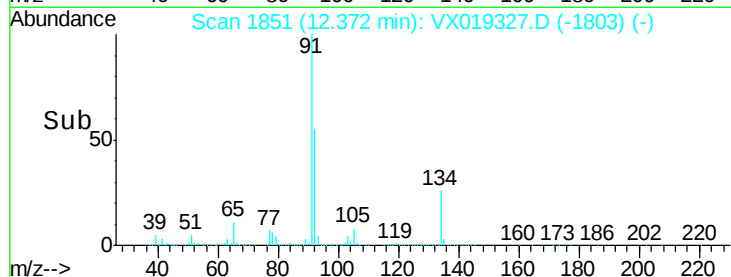
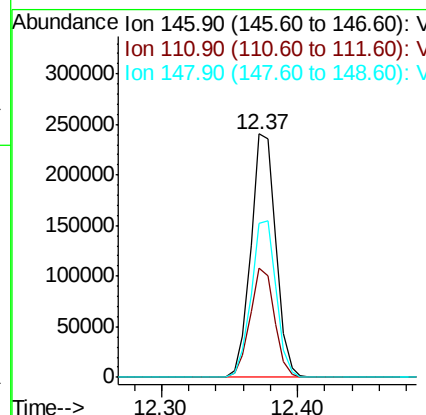
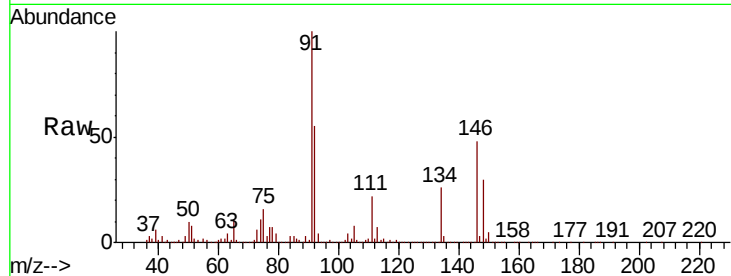
#91
 1,2-Dichlorobenzene
 Concen: 50.191 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX019327.D
 Acq: 05 Nov 2020 20:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.2	63.6
148	64.6	31.6	94.7

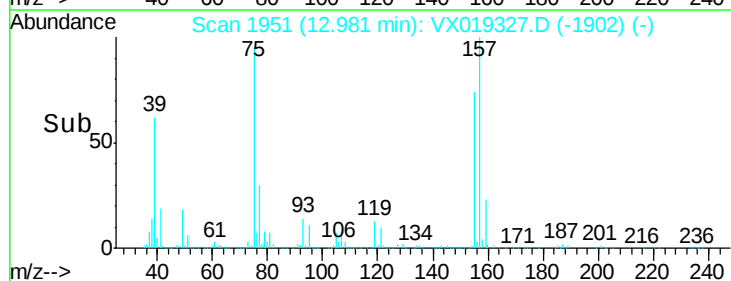
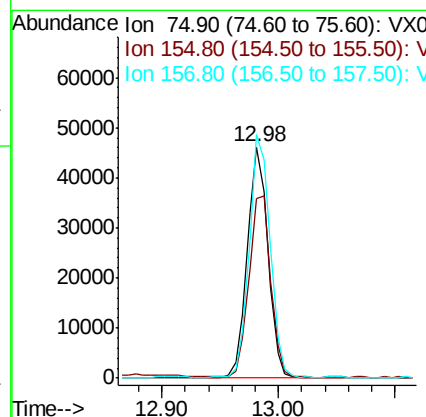
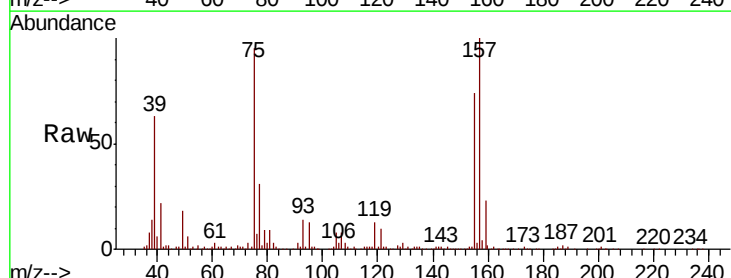
Manual Integrations
 APPROVED

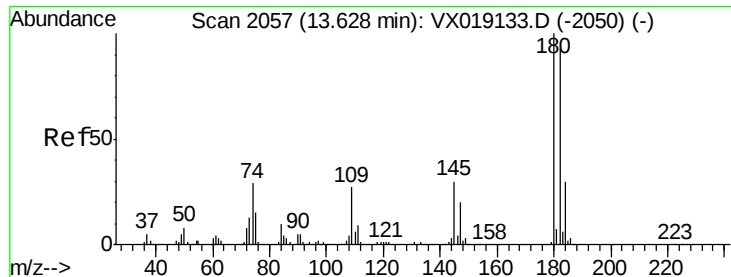
MMDadoda
 11/6/2020 9:23:27 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.336 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019327.D
 Acq: 05 Nov 2020 20:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.9	42.8	128.4
157	105.7	54.8	164.4





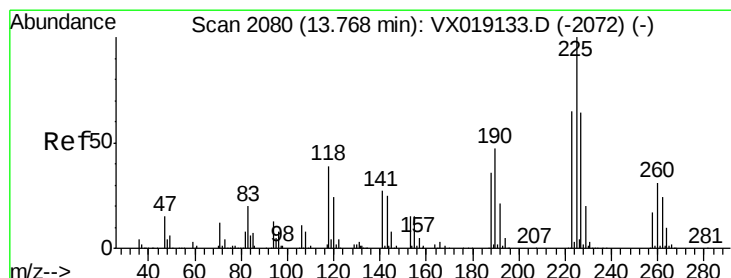
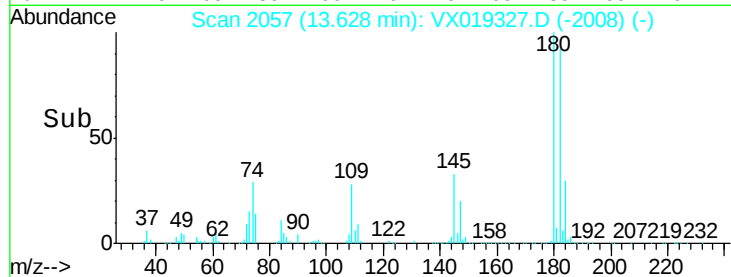
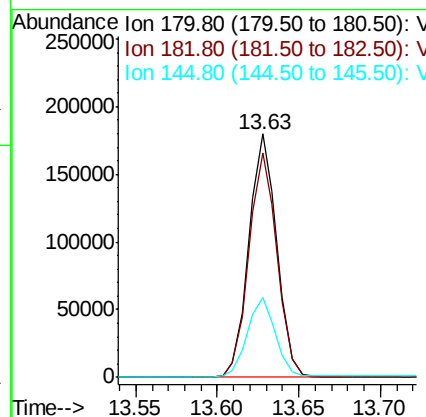
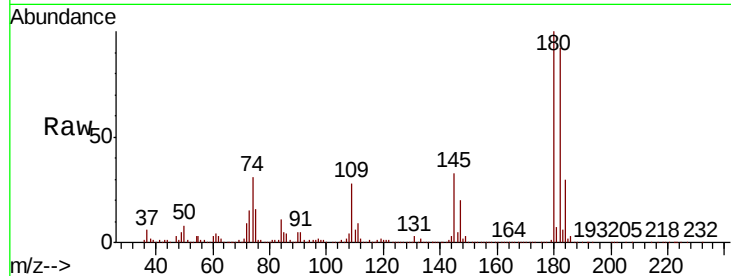
#93
 1,2,4-Trichlorobenzene
 Concen: 46.287 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019327.D
 Acq: 05 Nov 2020 20:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	214351		
182	94.1	46.8	140.3	
145	32.7	15.5	46.5	

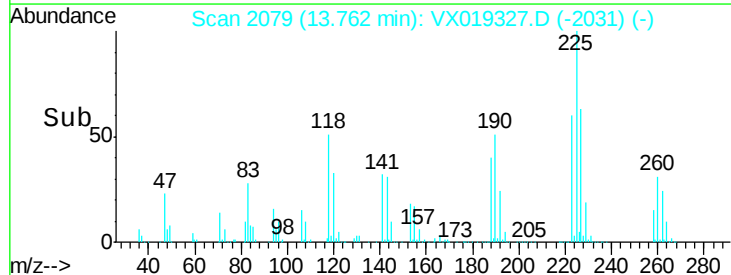
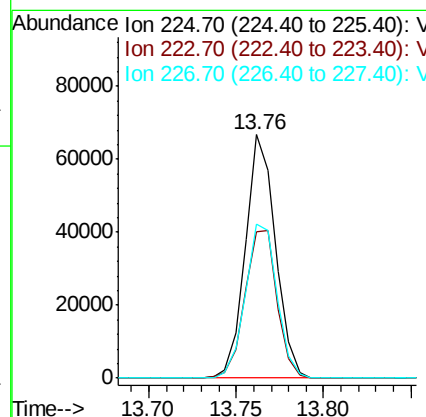
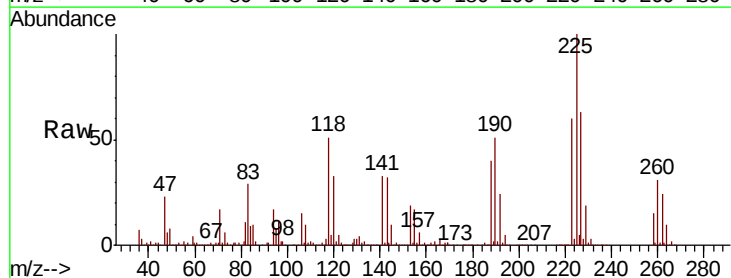
Manual Integrations
 APPROVED

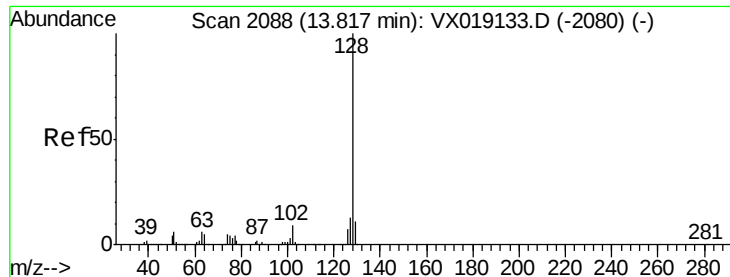
MMDadoda
 11/6/2020 9:23:27 AM



#94
 Hexachlorobutadiene
 Concen: 39.118 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX019327.D
 Acq: 05 Nov 2020 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	79745		
223	64.7	32.4	97.2	
227	66.3	31.6	94.7	





#95

Naphthalene

Concen: 52.207 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019327.D

Acq: 05 Nov 2020 20:10

Instrument :

MSVOA_X

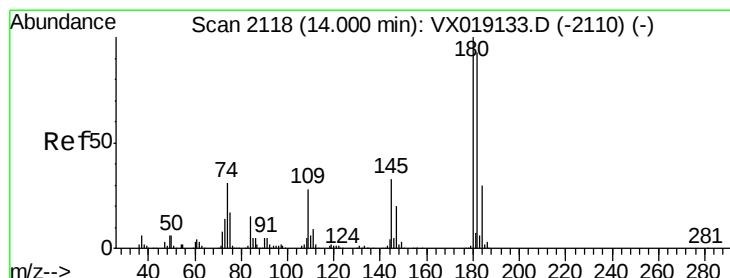
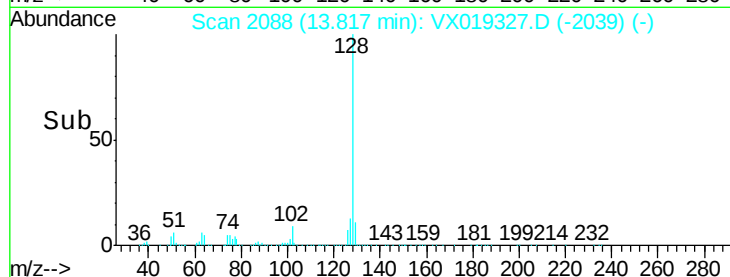
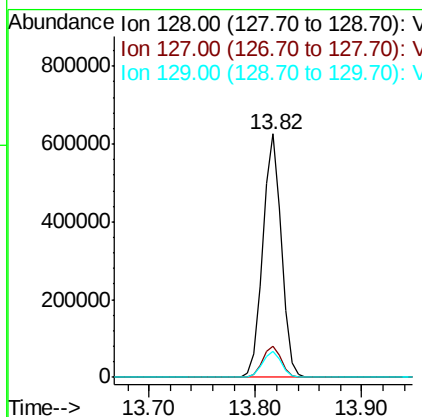
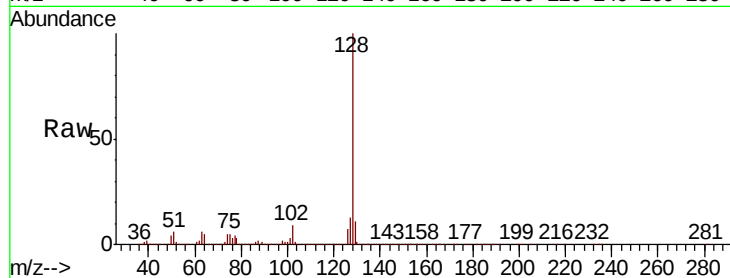
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	761451
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.3	15.5
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
11/6/2020 9:23:27 AM



#96

1,2,3-Trichlorobenzene

Concen: 45.710 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019327.D

Acq: 05 Nov 2020 20:10

Tgt Ion:	180	Resp:	205354
Ion Ratio	Lower	Upper	
180	100		
182	97.1	47.8	143.3
145	35.4	16.5	49.5

