

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120420\
 Data File : VX019713.D
 Acq On : 04 Dec 2020 12:24
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 12/7/2020 10:56:23 AM

Quant Time: Dec 04 13:20:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 13:12:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	338377	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	553084	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	508281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	262798	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	211211	47.11	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.22%
35) Dibromofluoromethane	5.46	113	173168	47.80	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.60%
50) Toluene-d8	8.70	98	672250	48.44	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.88%
62) 4-Bromofluorobenzene	11.12	95	255832	48.70	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	165058	49.897	ug/l 100
3) Chloromethane	1.31	50	176935	38.939	ug/l 100
4) Vinyl Chloride	1.39	62	198157	48.467	ug/l 100
5) Bromomethane	1.62	94	65117	44.592	ug/l 100
6) Chloroethane	1.70	64	121293	23.321	ug/l 100
7) Trichlorofluoromethane	1.91	101	272404	48.219	ug/l 100
8) Diethyl Ether	2.17	74	112606	47.421	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	156598	46.710	ug/l 100
10) Methyl Iodide	2.49	142	230193	50.104	ug/l 100
11) Tert butyl alcohol	3.01	59	224805	226.070	ug/l 100
12) 1,1-Dichloroethene	2.36	96	158214	47.085	ug/l 100
13) Acrolein	2.27	56	116953	204.576	ug/l 100
14) Allyl chloride	2.70	41	262575	48.602	ug/l 100
15) Acrylonitrile	3.11	53	500992	241.053	ug/l 100
16) Acetone	2.42	43	422382	233.831	ug/l 100
17) Carbon Disulfide	2.55	76	443976	48.711	ug/l 100
18) Methyl Acetate	2.75	43	208022	45.844	ug/l 100
19) Methyl tert-butyl Ether	3.16	73	576635	48.675	ug/l 100
20) Methylene Chloride	2.83	84	197586	42.815	ug/l 100
21) trans-1,2-Dichloroethene	3.14	96	183954	48.449	ug/l 100
22) Diisopropyl ether	3.82	45	541751	48.429	ug/l 100
23) Vinyl Acetate	3.78	43	2337648	248.171	ug/l 100
24) 1,1-Dichloroethane	3.67	63	322292	47.557	ug/l 100
25) 2-Butanone	4.62	43	645351	241.729	ug/l 100
26) 2,2-Dichloropropane	4.54	77	279778	49.457	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	210800	47.657	ug/l 100
28) Bromochloromethane	4.97	49	153315	49.632	ug/l 100
29) Tetrahydrofuran	5.08	42	413225	242.023	ug/l 100
30) Chloroform	5.17	83	332439	47.754	ug/l 100
31) Cyclohexane	5.54	56	286664	48.384	ug/l 100
32) 1,1,1-Trichloroethane	5.46	97	290064	48.804	ug/l 100
36) 1,1-Dichloropropene	5.76	75	249647	48.820	ug/l 100
37) Ethyl Acetate	4.79	43	245895	48.015	ug/l 100
38) Carbon Tetrachloride	5.75	117	251115	49.453	ug/l 100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120420\
 Data File : VX019713.D
 Acq On : 04 Dec 2020 12:24
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 12/7/2020 10:56:23 AM

Quant Time: Dec 04 13:20:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 13:12:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	302764	50.376	ug/l	100
40) Benzene	6.10	78	764149	47.920	ug/l	100
41) Methacrylonitrile	5.00	41	137813	48.625	ug/l	100
42) 1,2-Dichloroethane	6.15	62	263285	48.061	ug/l	100
43) Isopropyl Acetate	6.40	43	405198	47.792	ug/l	100
44) Trichloroethene	7.18	130	201409	48.358	ug/l	100
45) 1,2-Dichloropropane	7.48	63	190816	47.577	ug/l	100
46) Dibromomethane	7.63	93	130130	48.372	ug/l	100
47) Bromodichloromethane	7.87	83	261865	49.108	ug/l	100
48) Methyl methacrylate	7.74	41	202355	48.288	ug/l	100
49) 1,4-Dioxane	7.71	88	97682	1014.070	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1256436	242.594	ug/l	100
52) Toluene	8.76	92	483095	48.658	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	296913	50.777	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	320380	50.126	ug/l	100
55) 1,1,2-Trichloroethane	9.19	97	193682	48.237	ug/l	100
56) Ethyl methacrylate	9.15	69	301359	49.967	ug/l	100
57) 1,3-Dichloropropane	9.35	76	327076	48.136	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	775046	245.284	ug/l	100
59) 2-Hexanone	9.47	43	981469	250.512	ug/l	100
60) Dibromochloromethane	9.56	129	203103	49.247	ug/l	100
61) 1,2-Dibromoethane	9.65	107	203813	48.324	ug/l	100
64) Tetrachloroethene	9.32	164	172505	49.148	ug/l	100
65) Chlorobenzene	10.12	112	511766	48.565	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	187694	49.015	ug/l	100
67) Ethyl Benzene	10.23	91	925420	49.793	ug/l	100
68) m/p-Xylenes	10.34	106	700411	100.775	ug/l	100
69) o-Xylene	10.68	106	336704	49.905	ug/l	100
70) Styrene	10.70	104	582034	51.433	ug/l	100
71) Bromoform	10.84	173	153728	51.879	ug/l #	100
73) Isopropylbenzene	11.00	105	901657	49.266	ug/l	100
74) N-amyl acetate	10.88	43	367128	49.963	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	314794	47.499	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	293841m	48.786	ug/l	
77) Bromobenzene	11.24	156	225051	47.451	ug/l	100
78) n-propylbenzene	11.34	91	1045725	49.561	ug/l	100
79) 2-Chlorotoluene	11.40	91	629619	49.061	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	782858	50.577	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	105818	49.142	ug/l	100
82) 4-Chlorotoluene	11.49	91	737521	49.300	ug/l	100
83) tert-Butylbenzene	11.76	119	760038	49.595	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	792048	50.636	ug/l	100
85) sec-Butylbenzene	11.93	105	876315	50.348	ug/l	100
86) p-Isopropyltoluene	12.05	119	812268	50.574	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	423887	49.120	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	425511	48.270	ug/l	100
89) n-Butylbenzene	12.37	91	717826	51.006	ug/l	100
90) Hexachloroethane	12.58	117	136485	49.977	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	415677	49.203	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	67280	48.062	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120420\
Data File : VX019713.D
Acq On : 04 Dec 2020 12:24
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

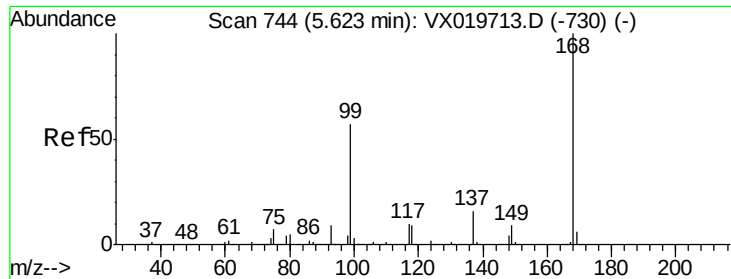
Manual Integrations
APPROVED

MMDadoda
12/7/2020 10:56:23 AM

Quant Time: Dec 04 13:20:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 13:12:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	275889	50.389	ug/l	100
94) Hexachlorobutadiene	13.76	225	116574	50.179	ug/l	100
95) Naphthalene	13.82	128	901104	50.719	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	269343	49.592	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 338377

Ion Ratio Lower Upper

168 100

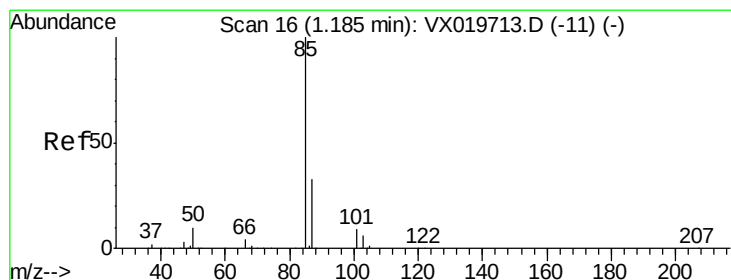
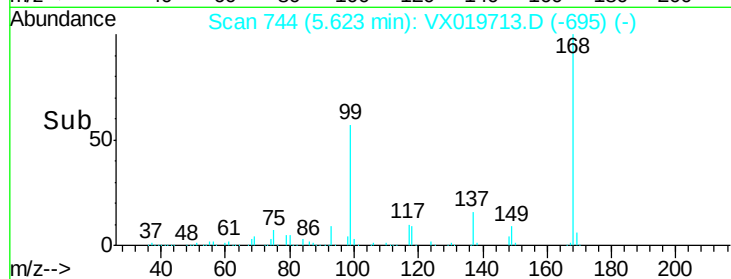
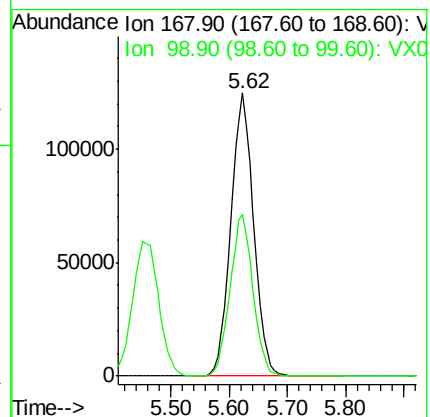
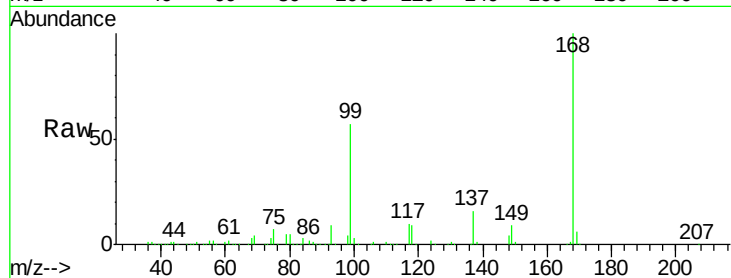
99 57.2 45.8 68.6

Manual Integrations

APPROVED

MMDadoda

12/7/2020 10:56:23 AM



#2

Dichlorodifluoromethane

Concen: 49.897 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019713.D

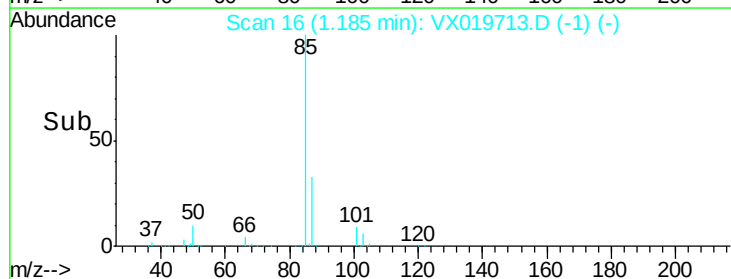
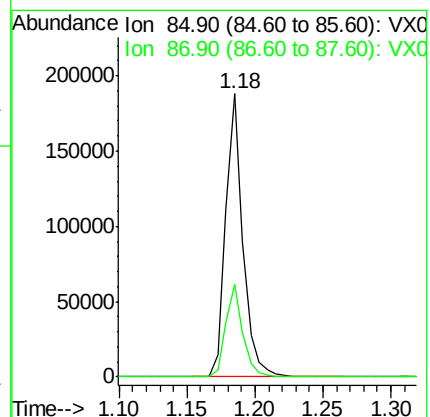
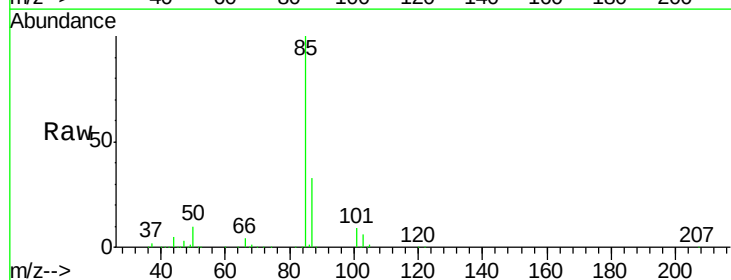
Acq: 04 Dec 2020 12:24

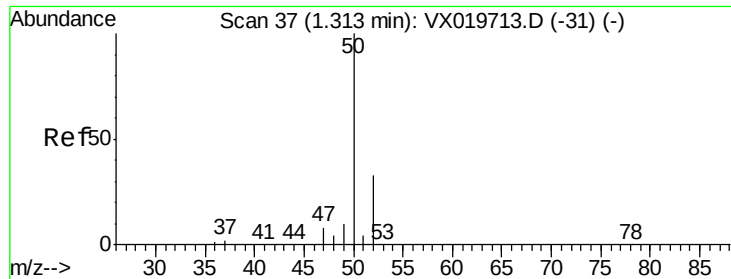
Tgt Ion: 85 Resp: 165058

Ion Ratio Lower Upper

85 100

87 32.8 16.4 49.2





#3

Chloromethane

Concen: 38.939 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 176935

Ion Ratio Lower Upper

50 100

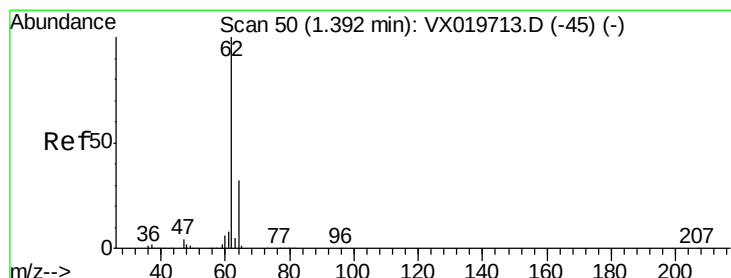
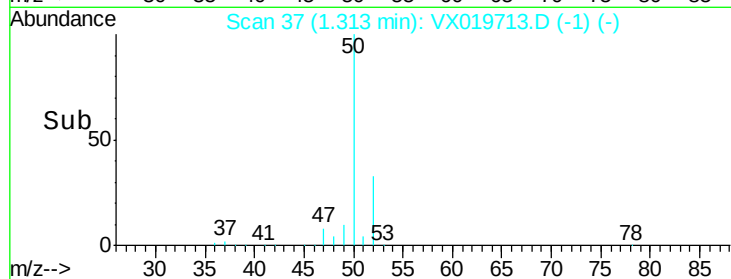
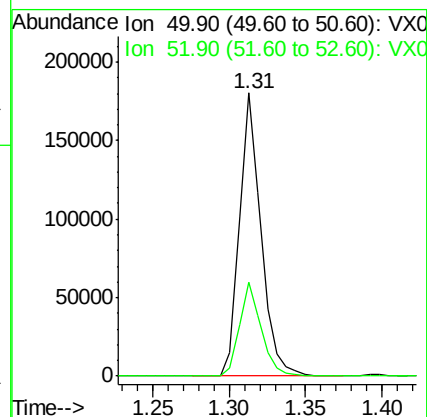
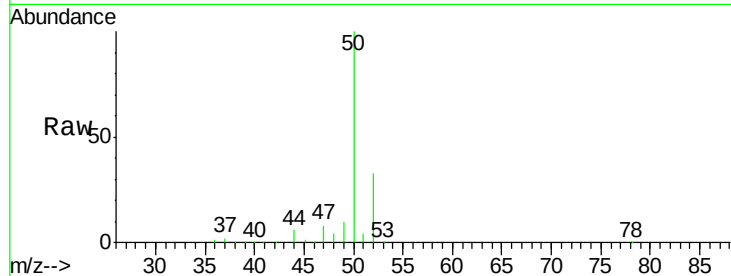
52 33.0 26.4 39.6

Manual Integrations

APPROVED

MMDadoda

12/7/2020 10:56:23 AM



#4

Vinyl Chloride

Concen: 48.467 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019713.D

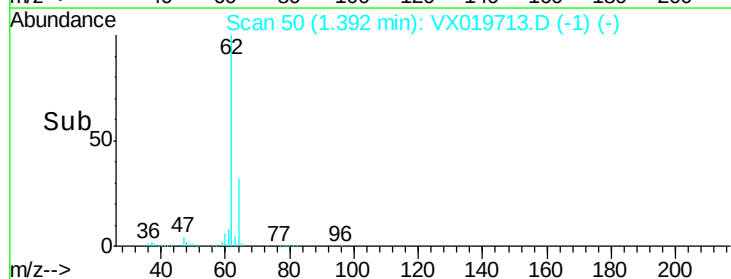
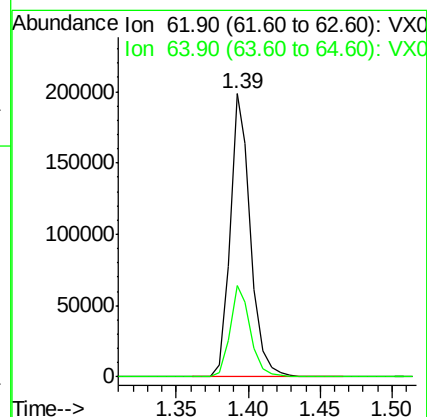
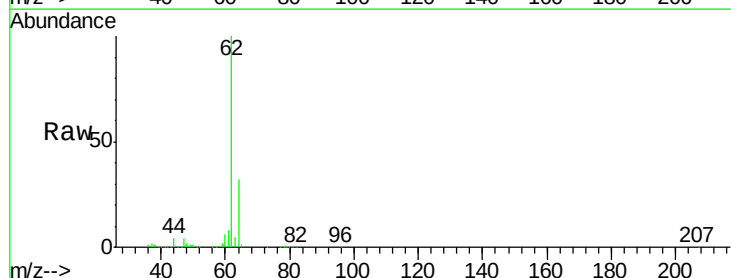
Acq: 04 Dec 2020 12:24

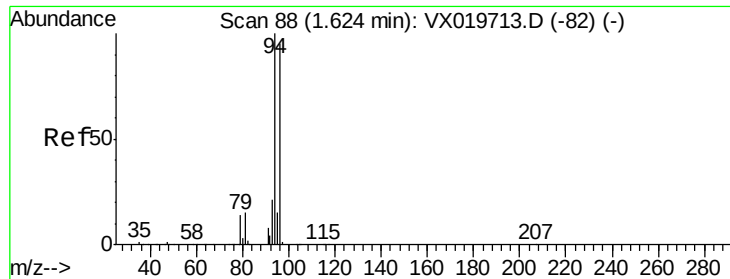
Tgt Ion: 62 Resp: 198157

Ion Ratio Lower Upper

62 100

64 32.1 25.7 38.5





#5

Bromomethane

Concen: 44.592 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 65117

Ion Ratio Lower Upper

94 100

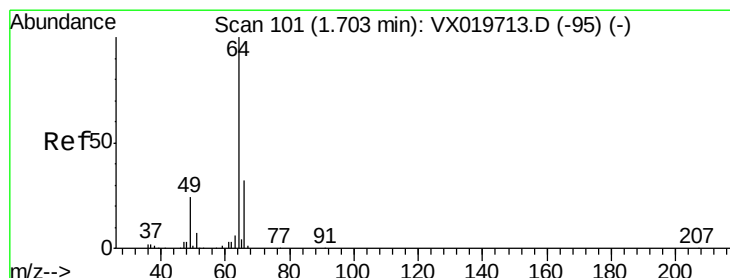
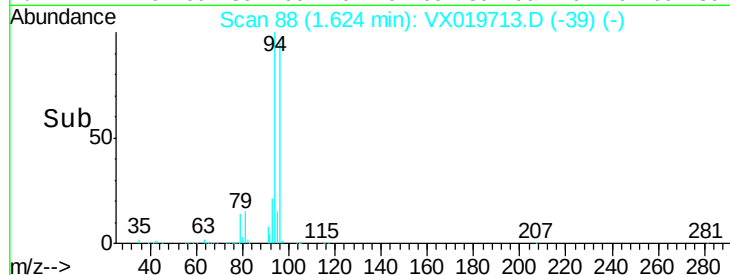
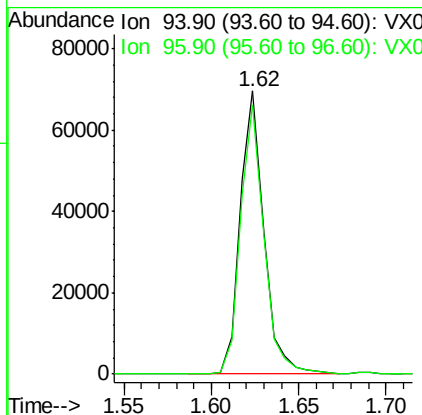
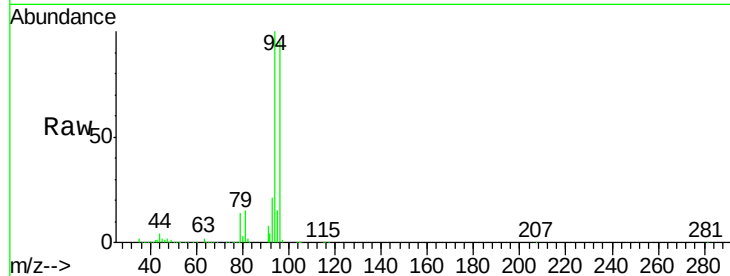
96 95.5 76.4 114.6

Manual Integrations

APPROVED

MMDadoda

12/7/2020 10:56:23 AM



#6

Chloroethane

Concen: 23.321 ug/l

RT: 1.70 min Scan# 101

Delta R.T. 0.00 min

Lab File: VX019713.D

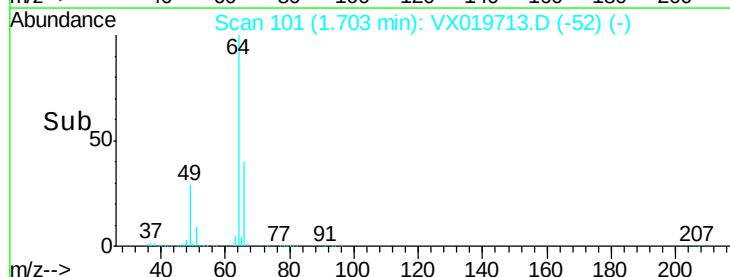
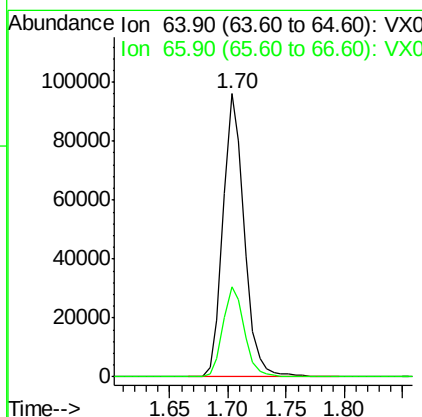
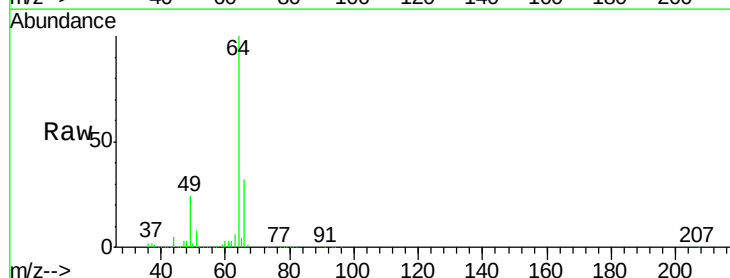
Acq: 04 Dec 2020 12:24

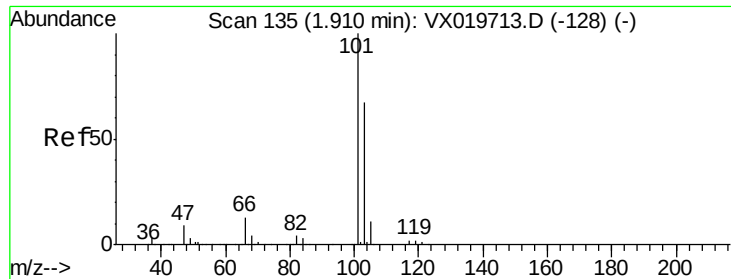
Tgt Ion: 64 Resp: 121293

Ion Ratio Lower Upper

64 100

66 31.7 25.4 38.0





#7

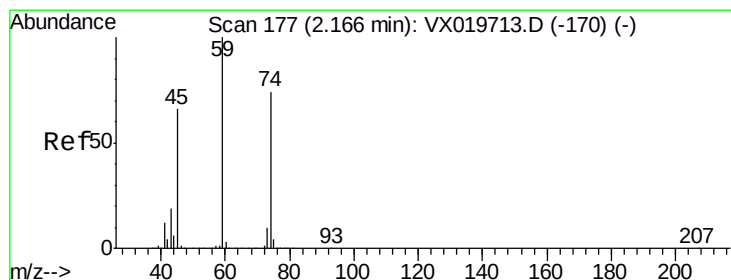
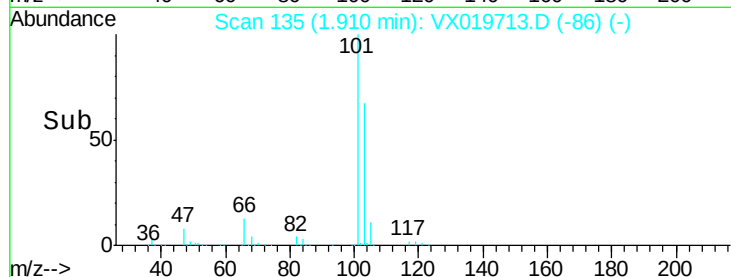
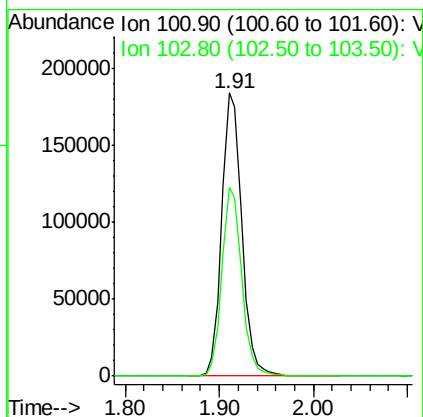
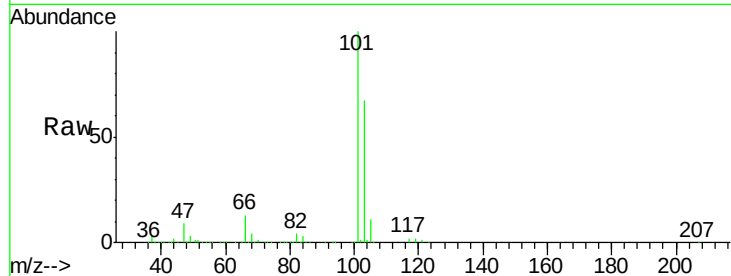
Trichlorofluoromethane
Concen: 48.219 ug/l
RT: 1.91 min Scan# 135
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.5	53.2	79.8

Manual Integrations
APPROVED

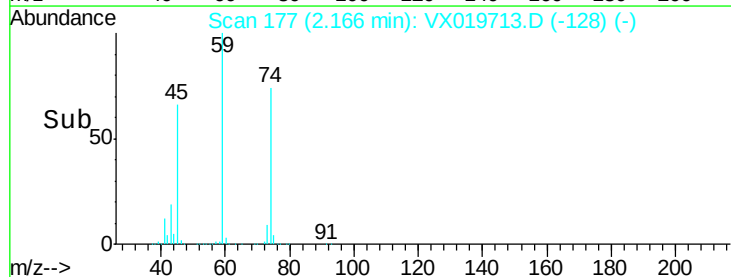
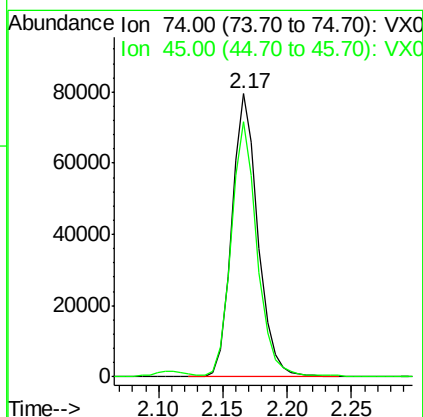
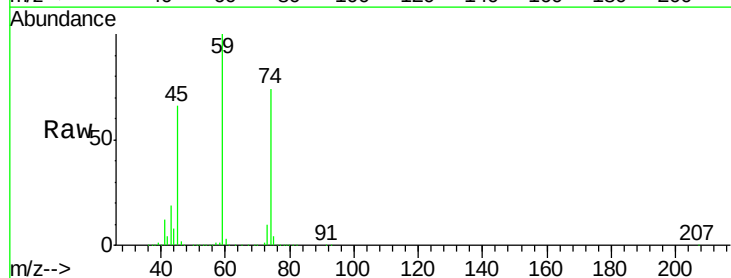
MMDadoda
12/7/2020 10:56:23 AM

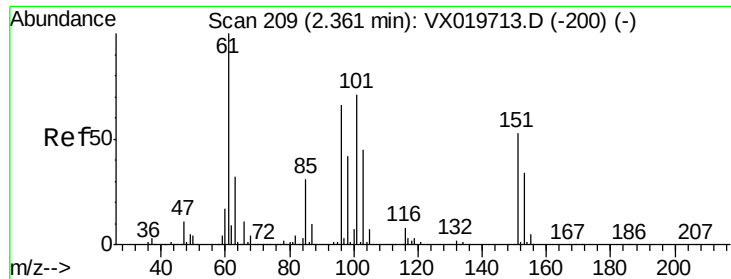


#8

Diethyl Ether
Concen: 47.421 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.0	44.5	133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.710 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

Instrument :

MSVOA_X

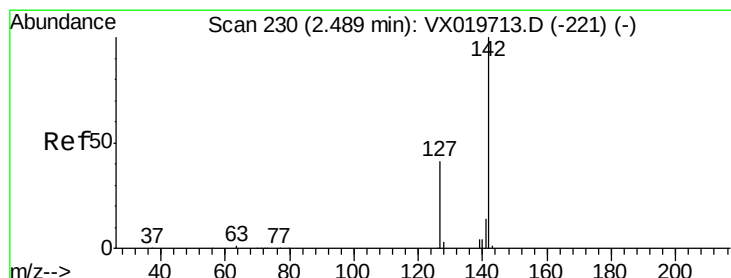
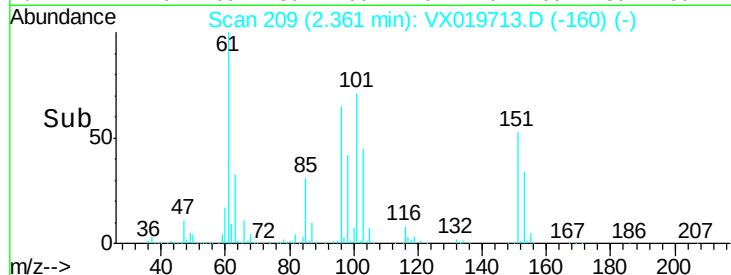
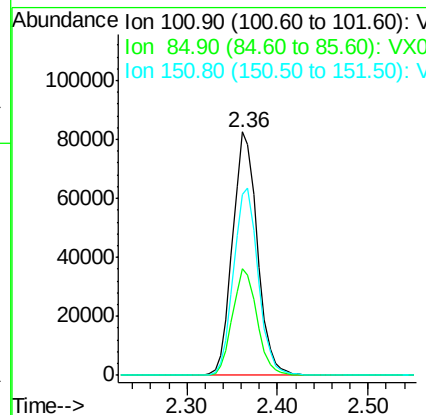
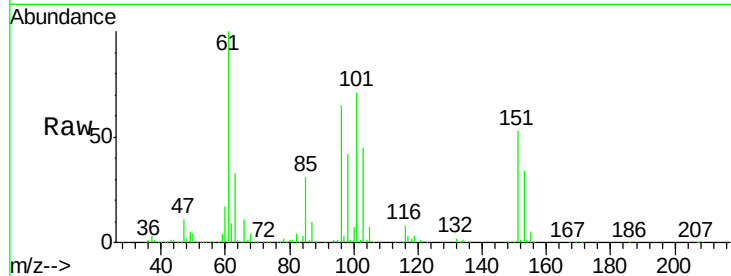
ClientSampled :

VSTDICCC050

Tot Ion:	101	Resp:	156598
Ion Ratio	Lower	Upper	
101	100		
85	43.6	34.9	52.3
151	76.8	61.4	92.2

Manual Integrations
APPROVED

MMDadoda
12/7/2020 10:56:23 AM



#10

Methyl Iodide

Concen: 50.104 ug/l

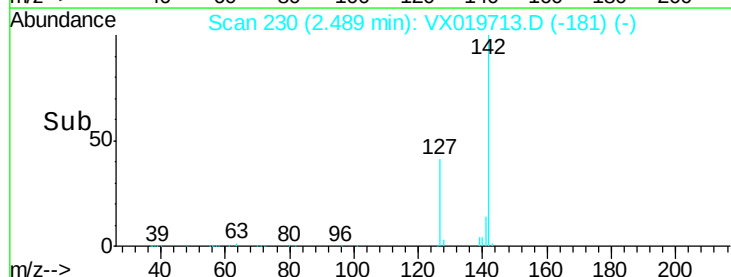
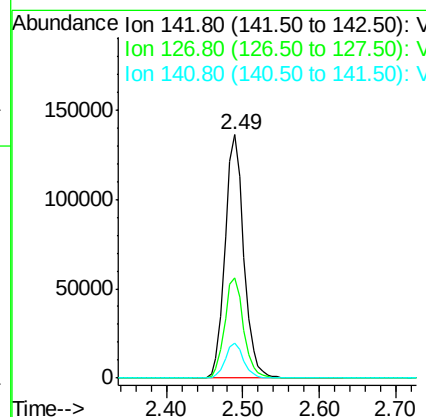
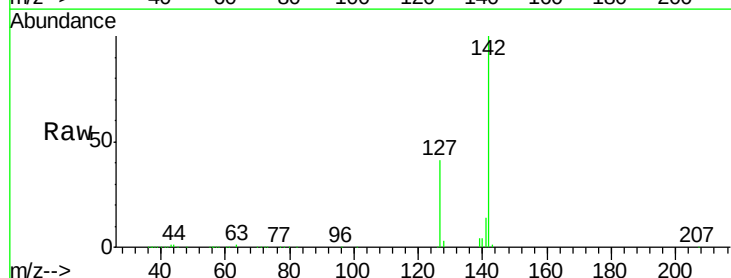
RT: 2.49 min Scan# 230

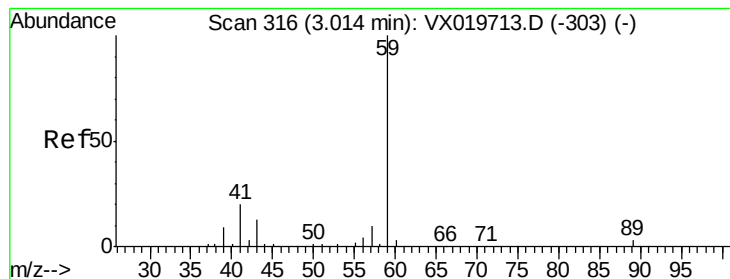
Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

Tgt Ion:	142	Resp:	230193
Ion Ratio	Lower	Upper	
142	100		
127	41.6	33.3	49.9
141	14.2	11.4	17.0





#11

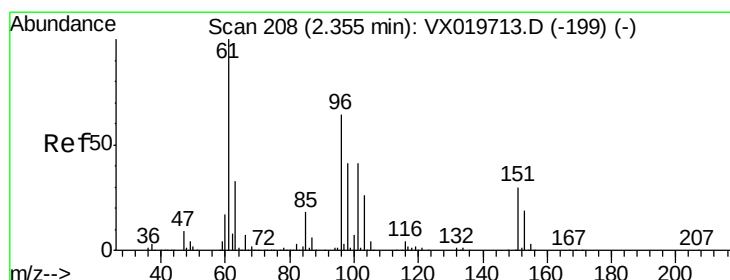
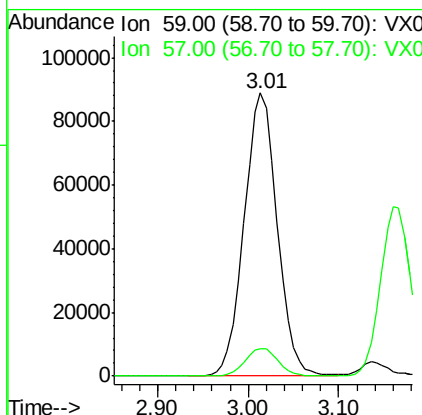
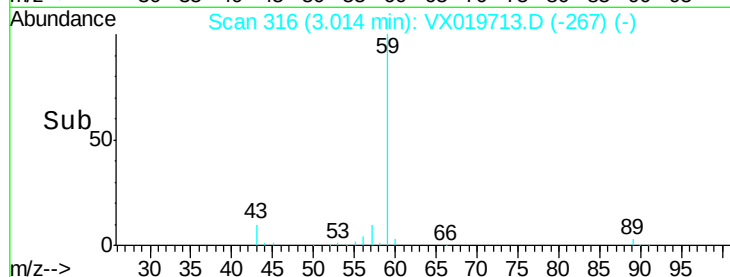
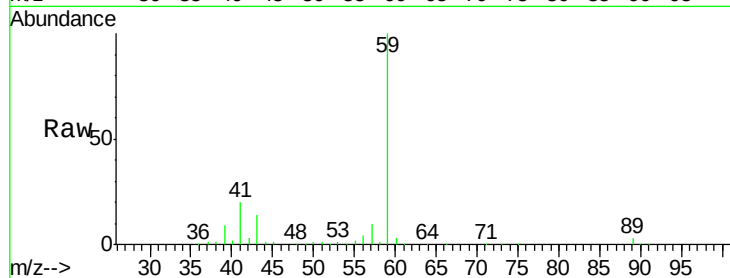
Tert butyl alcohol
Concen: 226.070 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
59	100	224805		
57	9.8		7.8	11.8

Manual Integrations
APPROVED

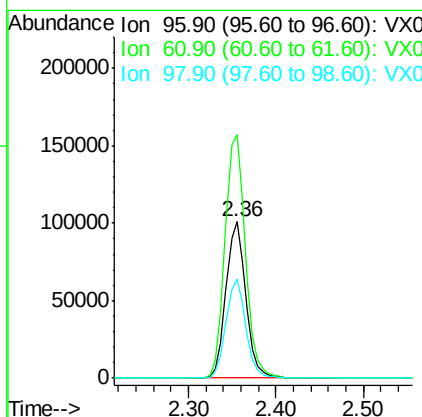
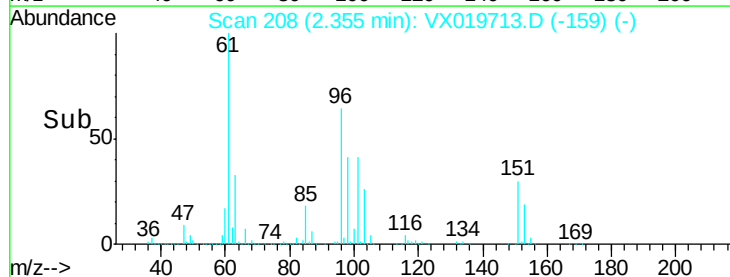
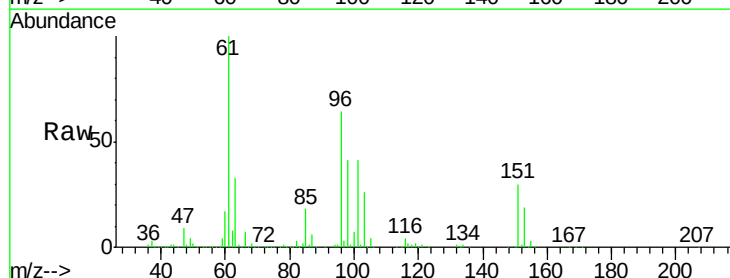
MMDadoda
12/7/2020 10:56:23 AM

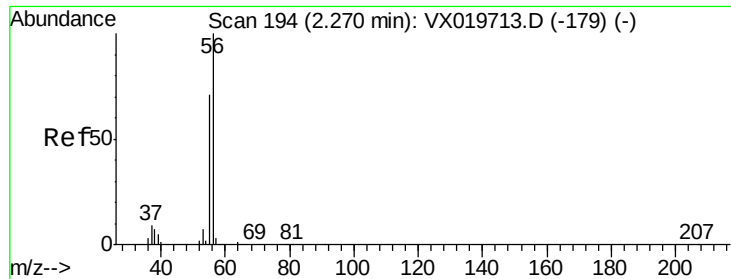


#12

1,1-Dichloroethene
Concen: 47.085 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	158214		
61	155.8		124.6	187.0
98	63.3		50.6	76.0





#13

Acrolein

Concen: 204.576 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 116953

Ion Ratio Lower Upper

56 100

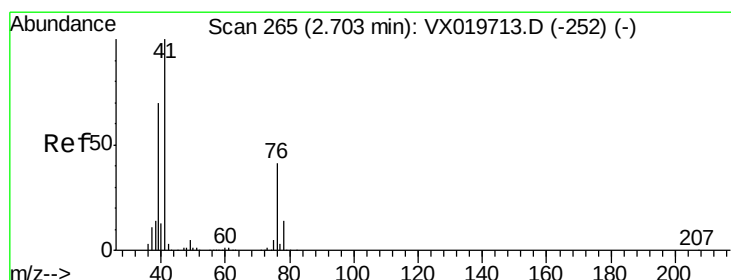
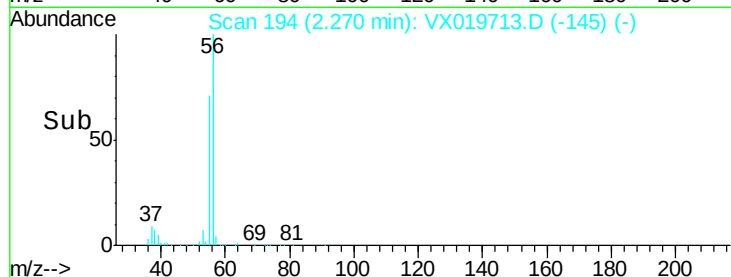
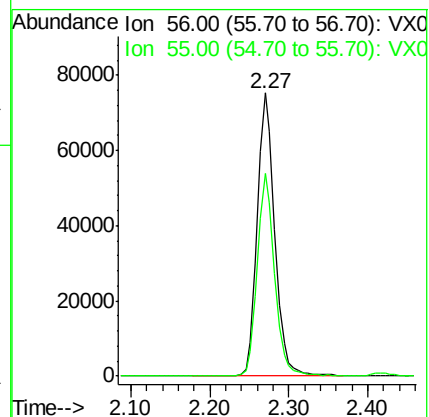
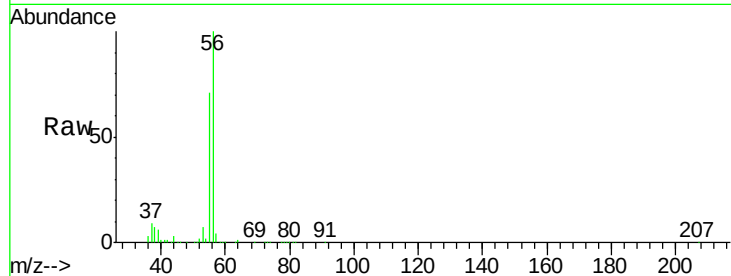
55 70.5 56.4 84.6

Manual Integrations

APPROVED

MMDadoda

12/7/2020 10:56:23 AM



#14

Allyl chloride

Concen: 48.602 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

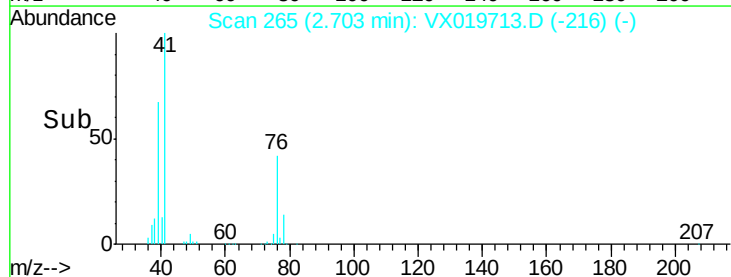
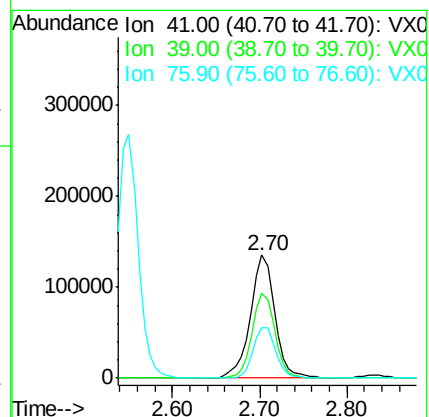
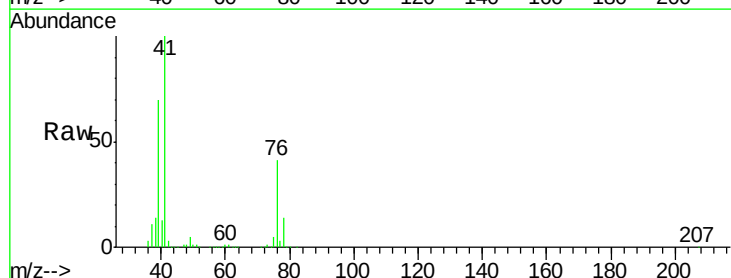
Tgt Ion: 41 Resp: 262575

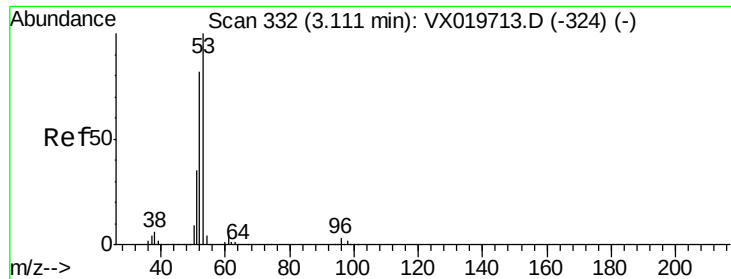
Ion Ratio Lower Upper

41 100

39 64.5 51.6 77.4

76 38.1 30.5 45.7





#15

Acrylonitrile

Concen: 241.053 ug/l

RT: 3.11 min Scan# 332

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

Instrument :

MSVOA_X

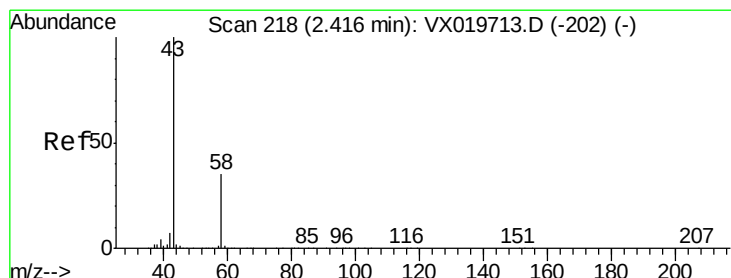
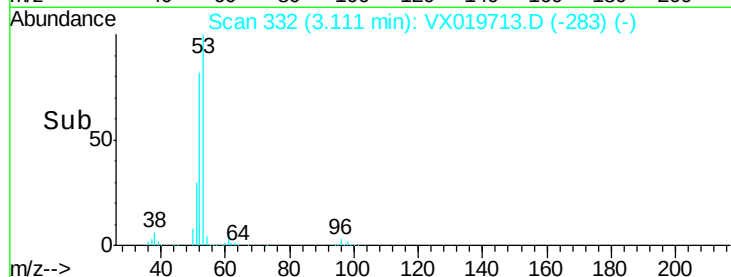
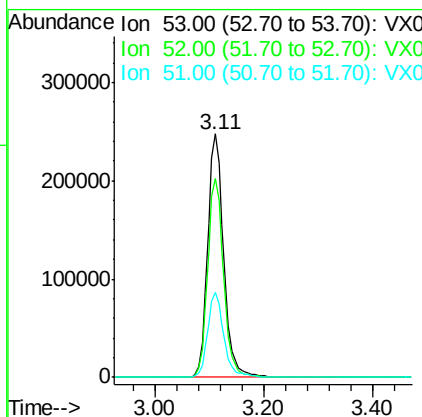
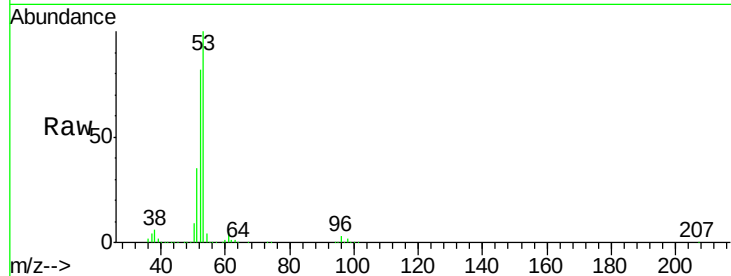
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	500992
Ion	Ratio	Lower	Upper
53	100		
52	81.6	65.3	97.9
51	35.2	28.2	42.2

Manual Integrations
APPROVED

MMDadoda
12/7/2020 10:56:23 AM



#16

Acetone

Concen: 233.831 ug/l

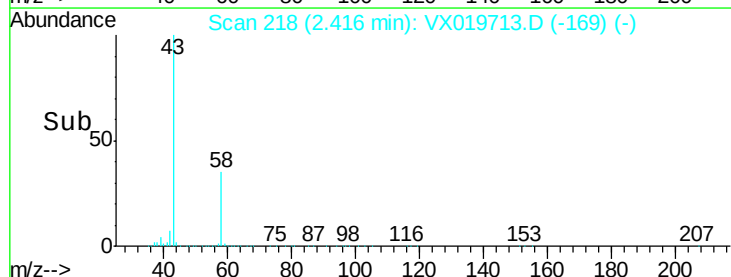
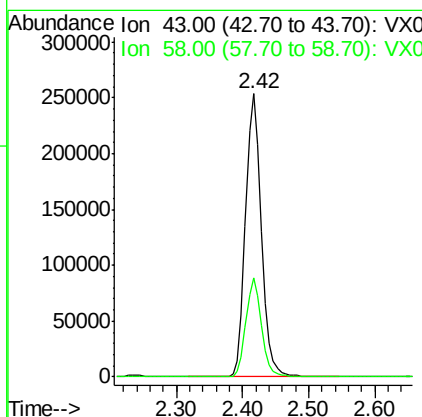
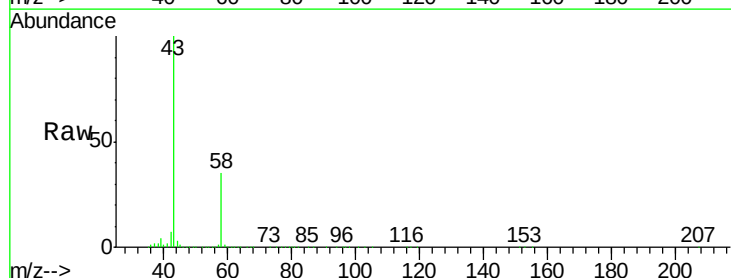
RT: 2.42 min Scan# 218

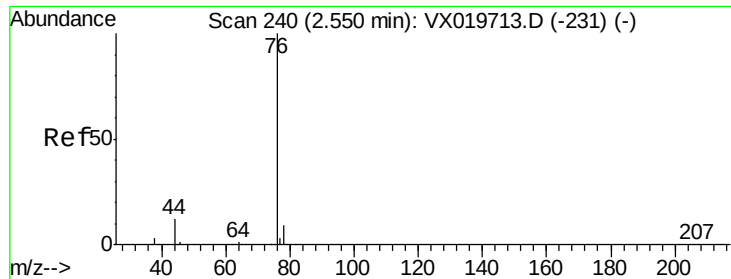
Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

Tgt Ion:	43	Resp:	422382
Ion	Ratio	Lower	Upper
43	100		
58	34.8	27.8	41.8





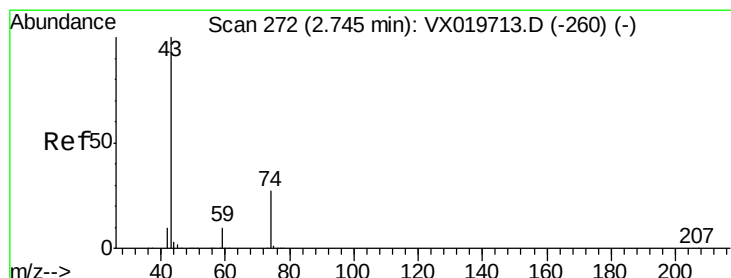
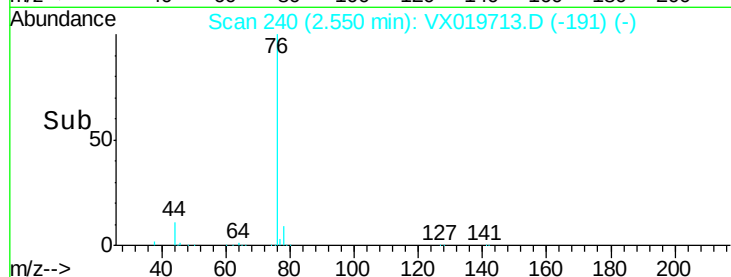
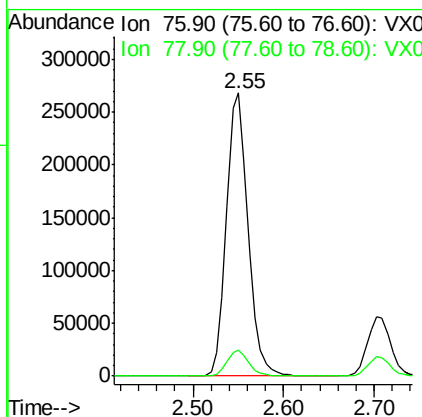
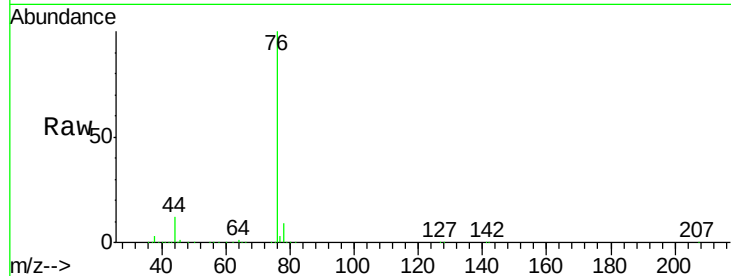
#17
Carbon Disulfide
Concen: 48.711 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8

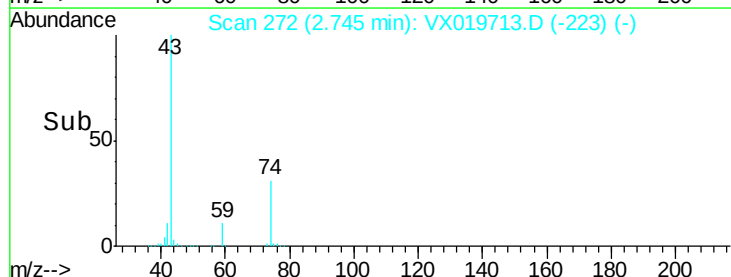
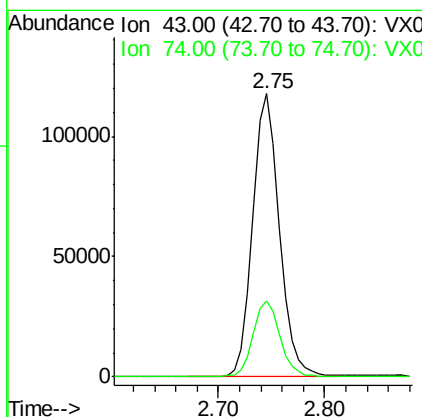
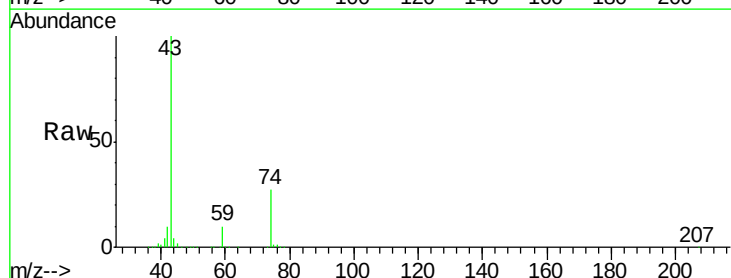
Manual Integrations
APPROVED

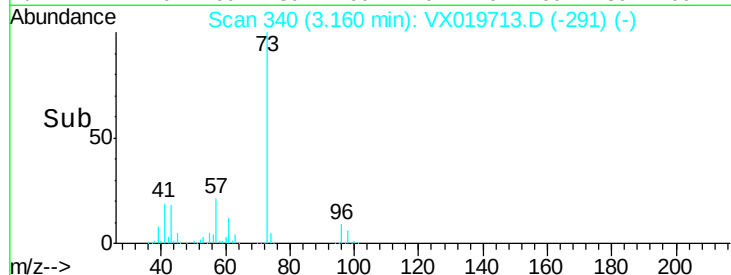
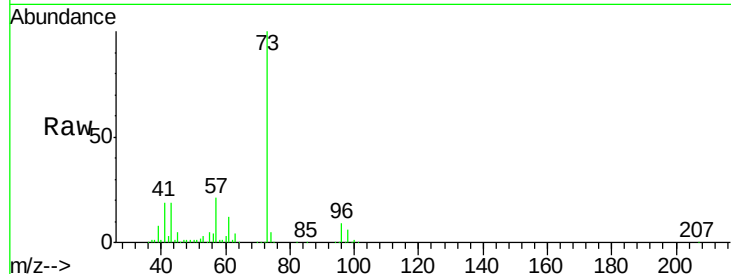
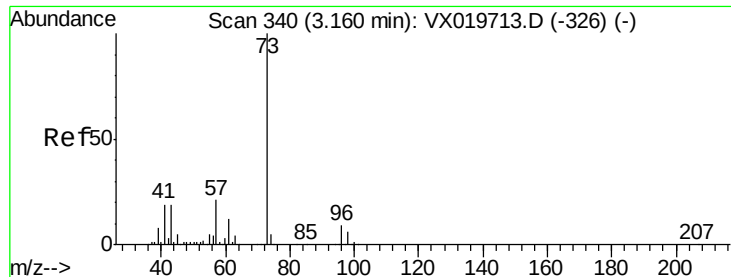
MMDadoda
12/7/2020 10:56:23 AM



#18
Methyl Acetate
Concen: 45.844 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.4	21.9	32.9





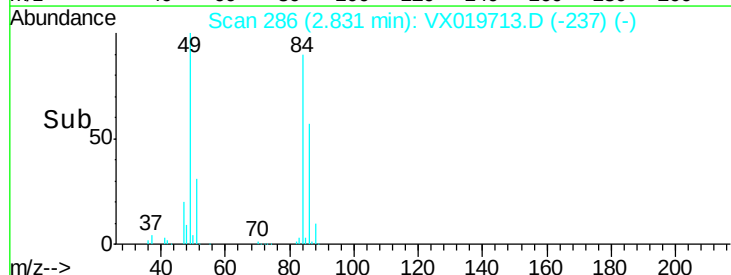
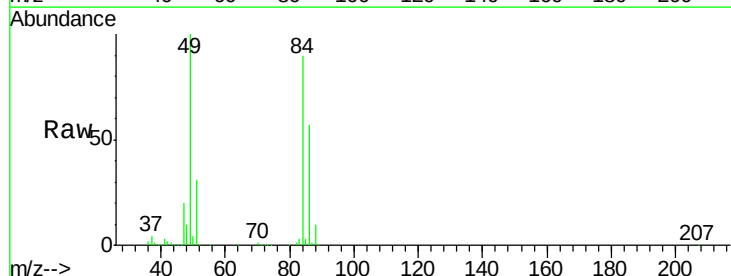
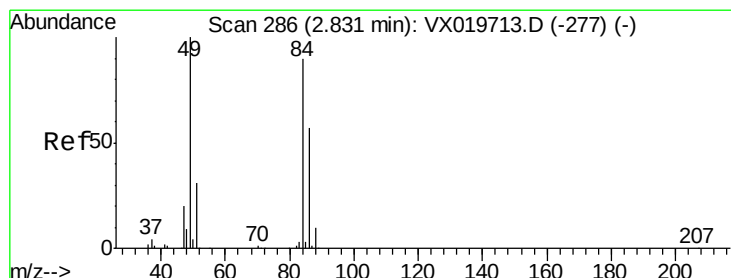
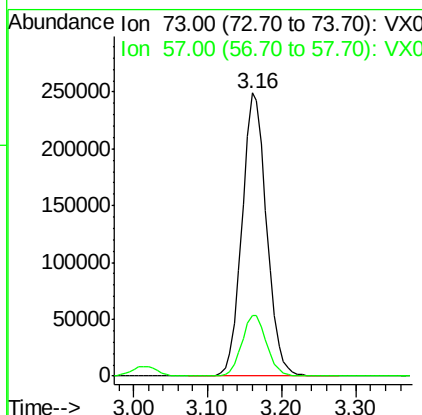
#19
Methyl tert-butyl Ether
Concen: 48.675 ug/l
RT: 3.16 min Scan# 340
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Tot Ion	73	Resp	576635
Ion Ratio	100	Lower	Upper
73	100	17.1	25.7
57	21.4		

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

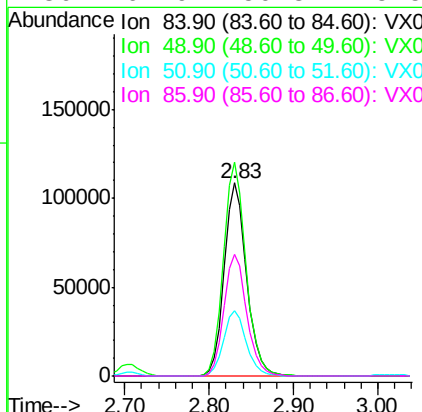
Manual Integrations
APPROVED

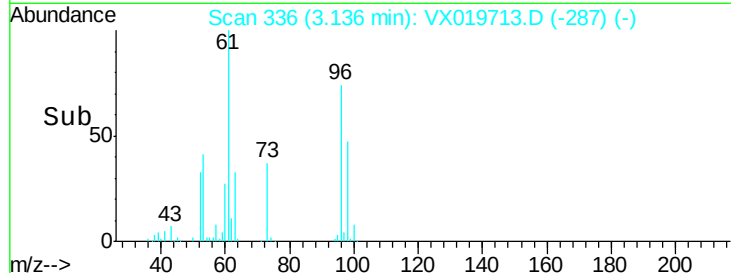
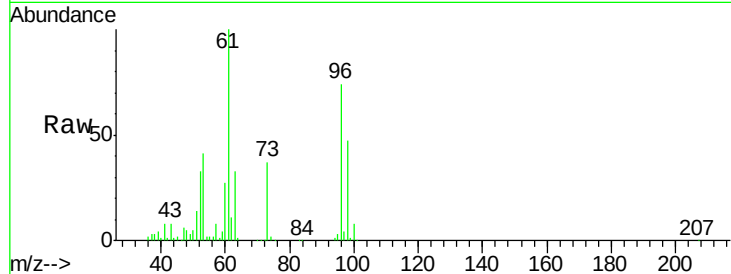
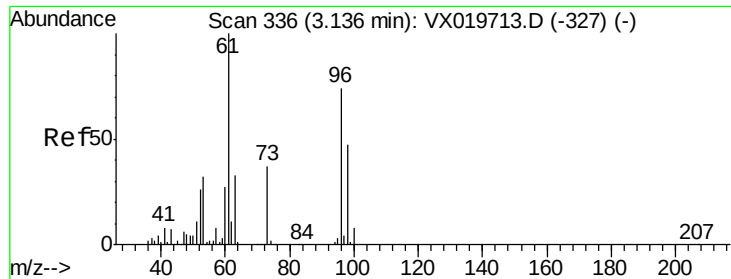
MMDadoda
12/7/2020 10:56:23 AM



#20
Methylene Chloride
Concen: 42.815 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Tgt Ion	84	Resp	197586
Ion Ratio	100	Lower	Upper
84	100	88.6	132.8
49	110.7	27.0	40.6
51	33.8	50.3	75.5
86	62.9		





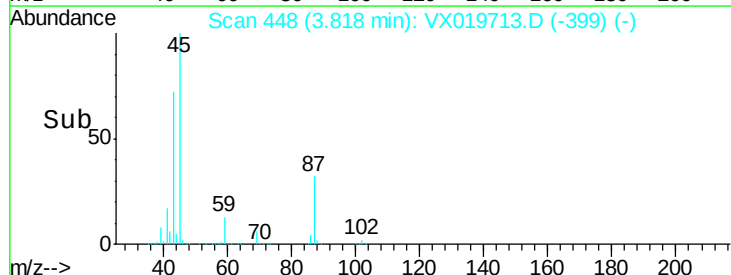
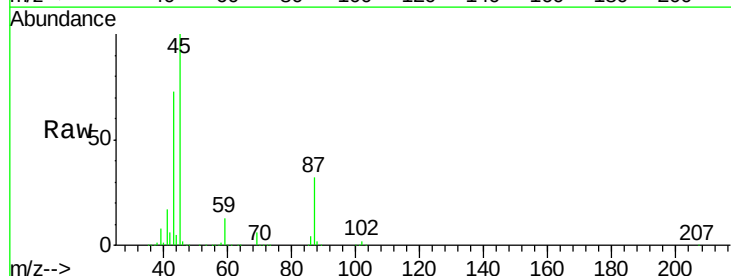
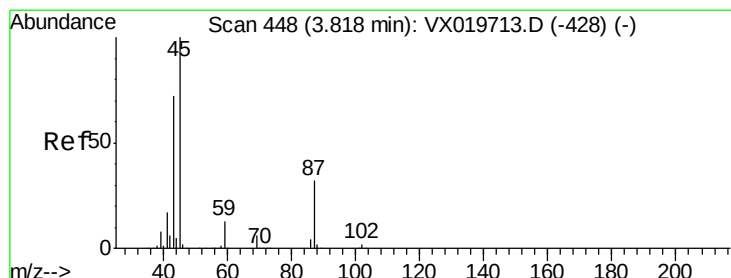
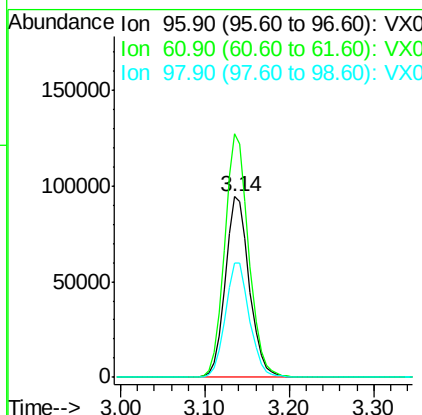
#21
trans-1,2-Dichloroethene
Concen: 48.449 ug/l
RT: 3.14 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.6	107.7	161.5
98	63.0	50.4	75.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

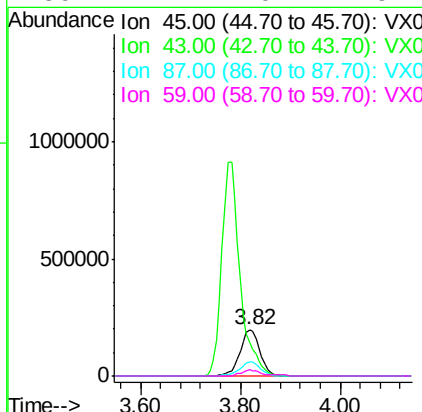
Manual Integrations
APPROVED

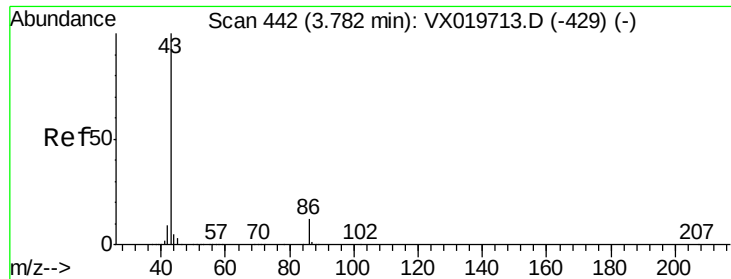
MMDadoda
12/7/2020 10:56:23 AM



#22
Diisopropyl ether
Concen: 48.429 ug/l
RT: 3.82 min Scan# 448
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Tgt Ion	Ratio	Lower	Upper
45	100		
43	72.5	58.0	87.0
87	31.7	25.4	38.0
59	12.7	10.2	15.2





#23

Vinyl Acetate

Concen: 248.171 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion: 43 Resp: 2337648

Ion Ratio Lower Upper

43 100

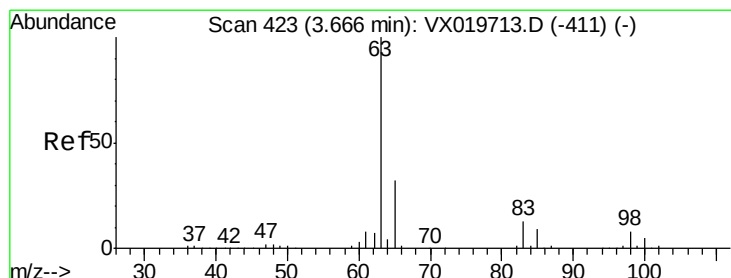
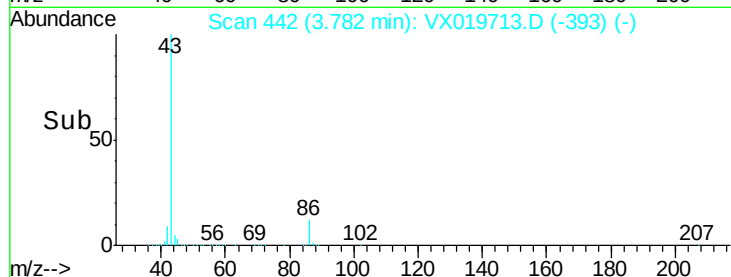
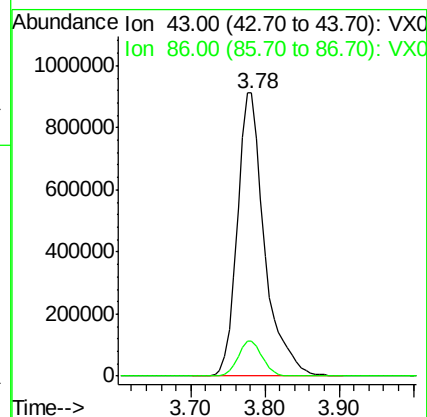
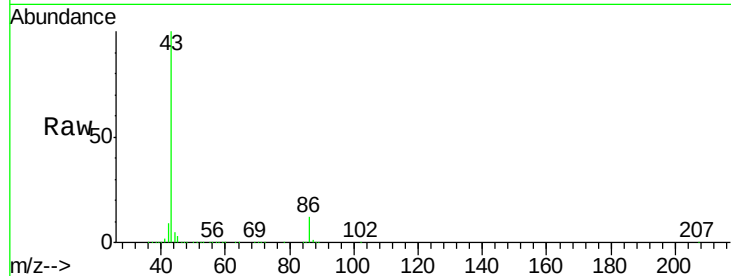
86 12.4 9.9 14.9

Manual Integrations

APPROVED

MMDadoda

12/7/2020 10:56:23 AM



#24

1,1-Dichloroethane

Concen: 47.557 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

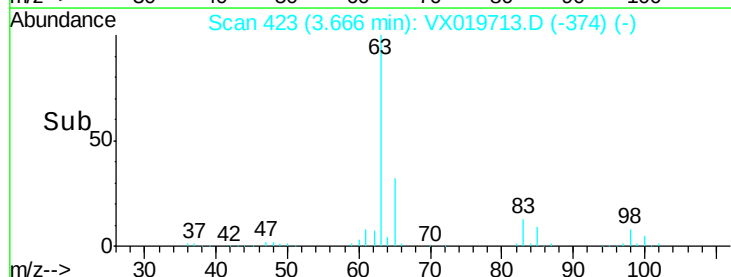
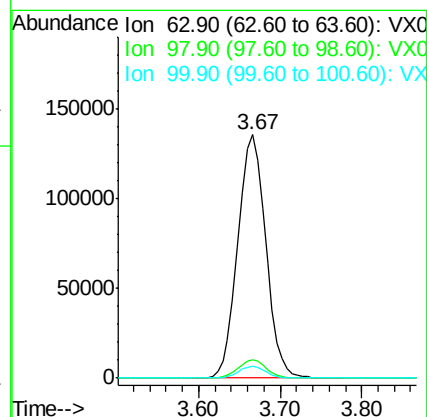
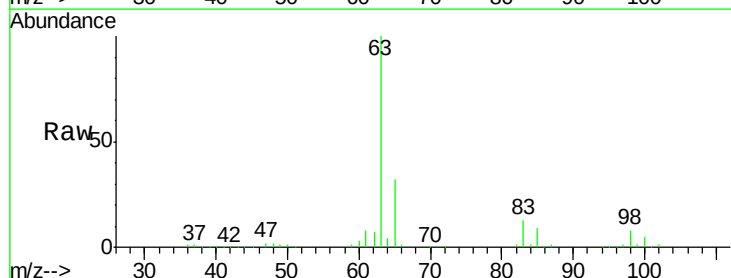
Tgt Ion: 63 Resp: 322292

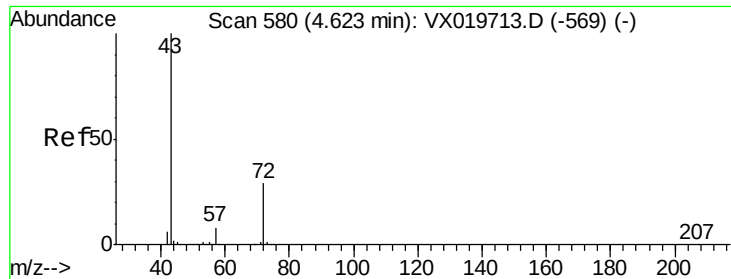
Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.2

100 5.0 2.5 7.5





#25

2-Butanone

Concen: 241.729 ug/l

RT: 4.62 min Scan# 580

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 645351

Ion Ratio Lower Upper

43 100

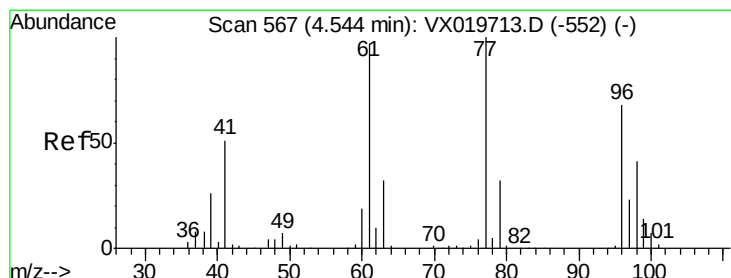
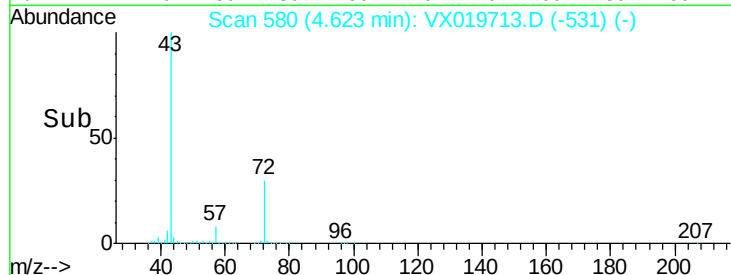
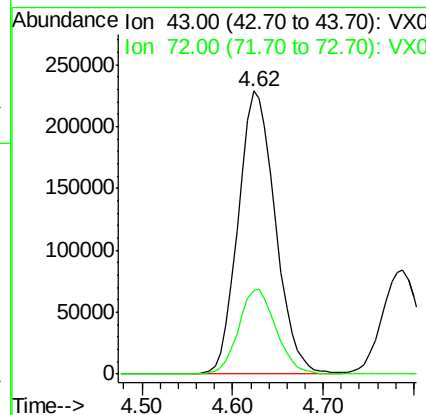
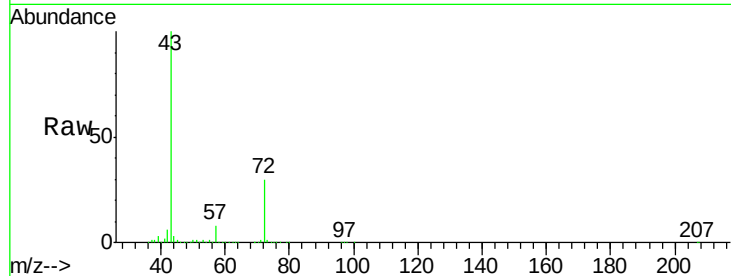
72 29.6 23.7 35.5

Manual Integrations

APPROVED

MMDadoda

12/7/2020 10:56:23 AM



#26

2,2-Dichloropropane

Concen: 49.457 ug/l

RT: 4.54 min Scan# 567

Delta R.T. 0.00 min

Lab File: VX019713.D

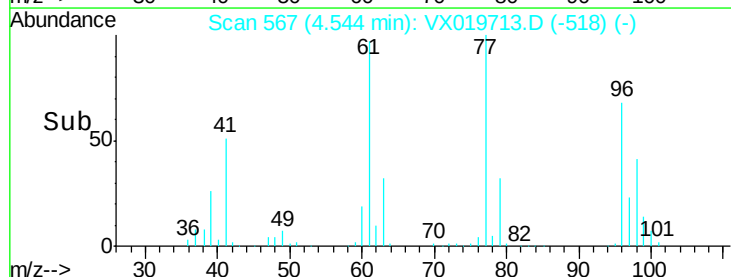
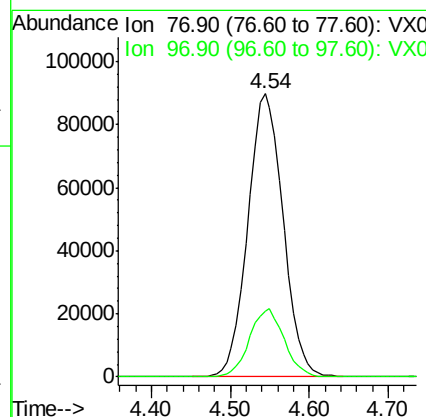
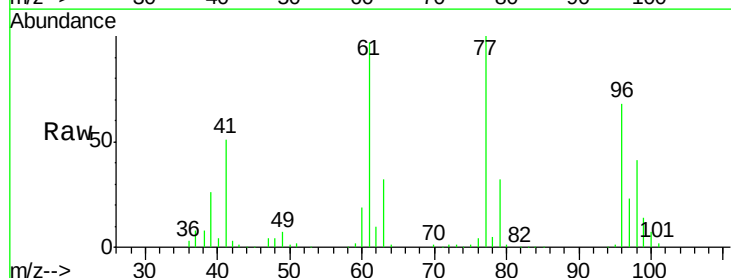
Acq: 04 Dec 2020 12:24

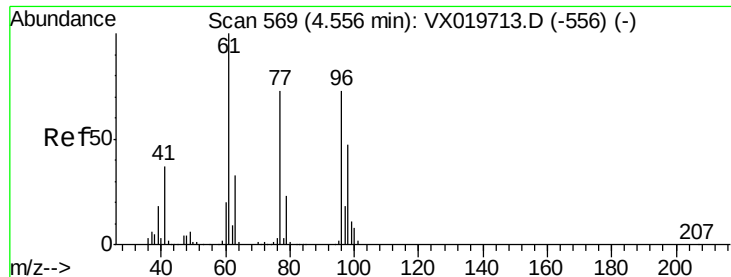
Tgt Ion: 77 Resp: 279778

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.1





#27

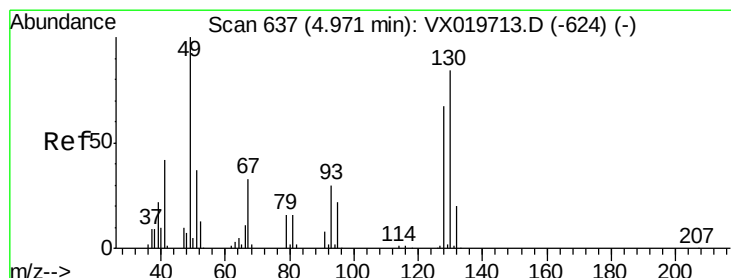
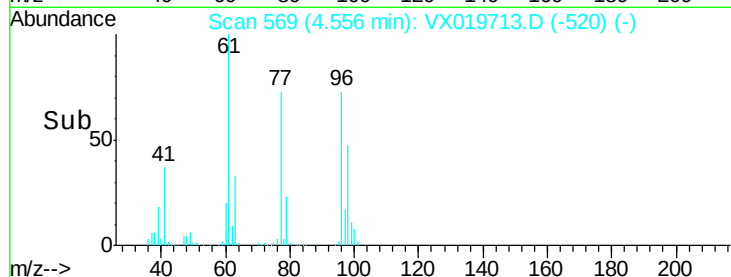
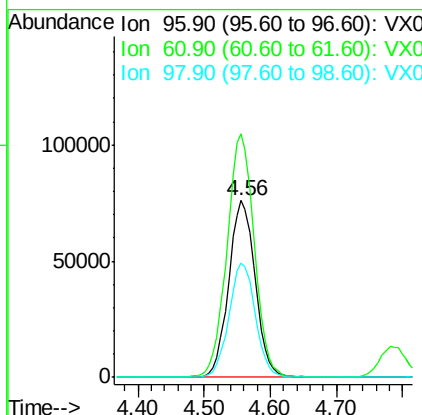
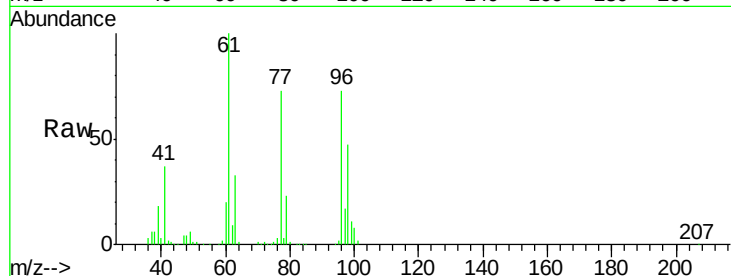
cis-1,2-Dichloroethene
Concen: 47.657 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	142.8	0.0	285.6	
98	64.8	0.0	129.6	

Manual Integrations
APPROVED

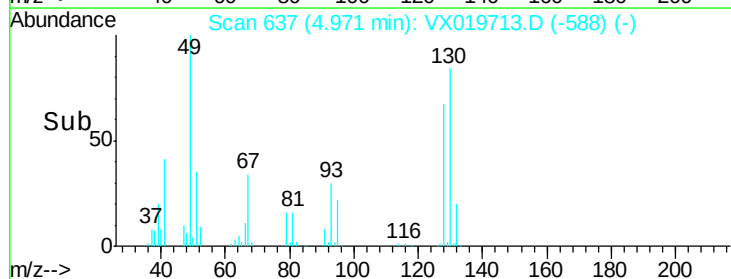
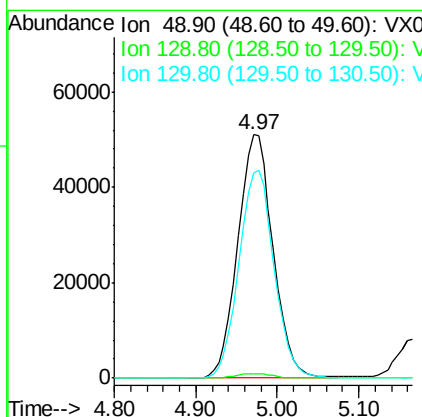
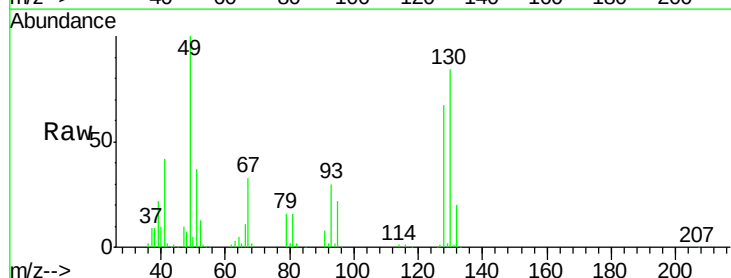
MMDadoda
12/7/2020 10:56:23 AM

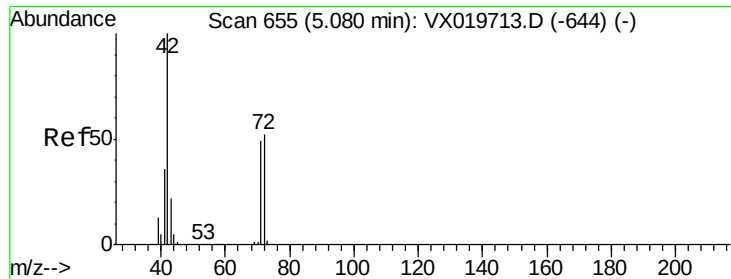


#28

Bromochloromethane
Concen: 49.632 ug/l
RT: 4.97 min Scan# 637
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.0	0.0	4.0	
130	85.2	68.2	102.2	





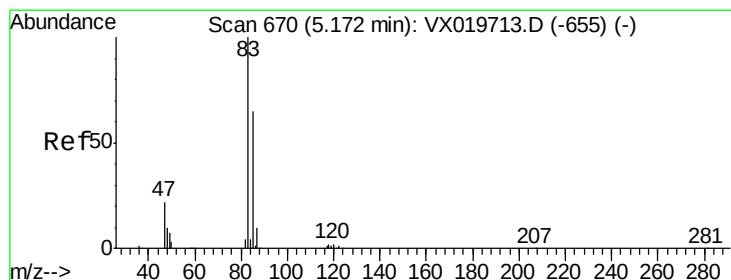
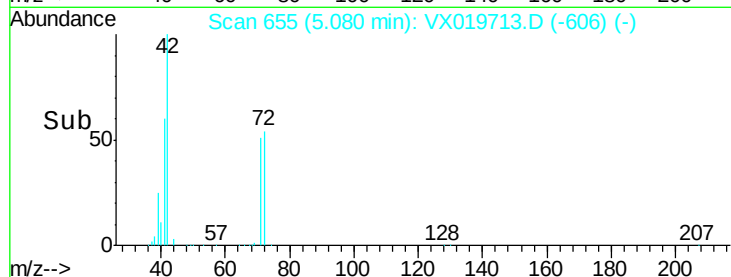
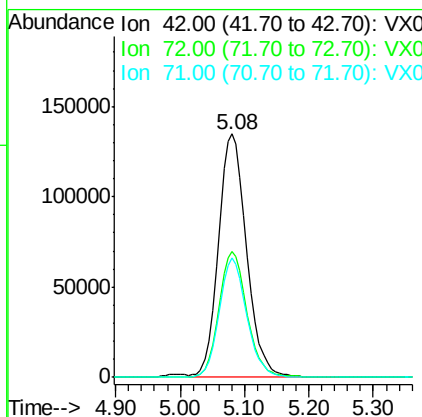
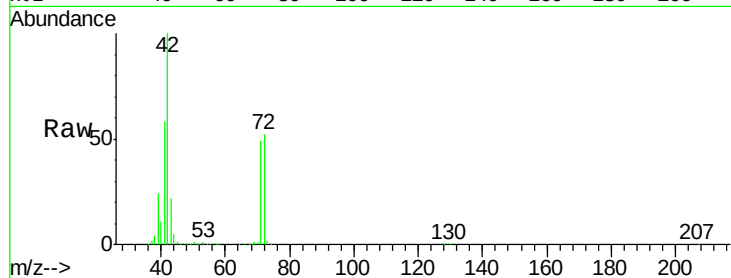
#29
Tetrahydrofuran
Concen: 242.023 ug/l
RT: 5.08 min Scan# 655
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.1	41.7	62.5
71	48.0	38.4	57.6

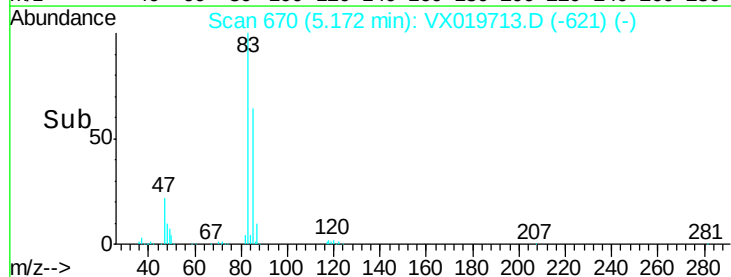
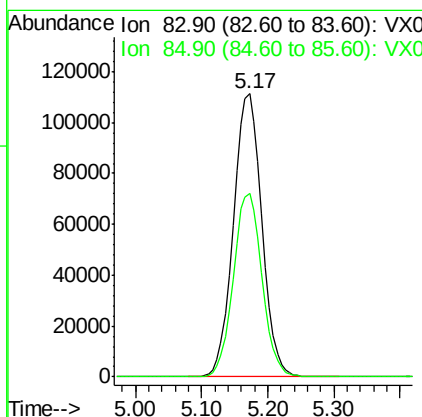
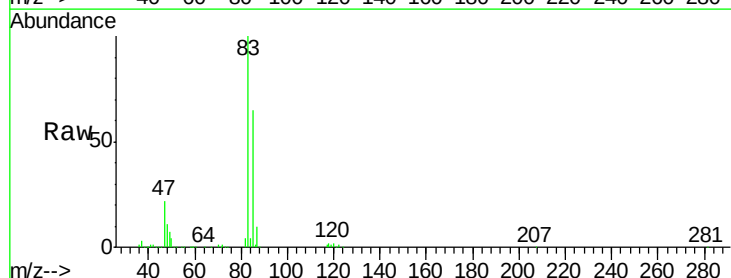
Manual Integrations
APPROVED

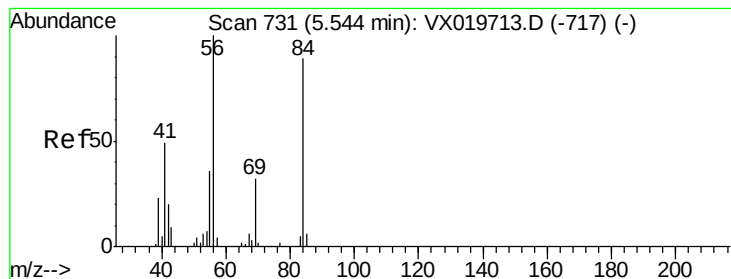
MMDadoda
12/7/2020 10:56:23 AM



#30
Chloroform
Concen: 47.754 ug/l
RT: 5.17 min Scan# 670
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.0	78.0





#31

Cyclohexane

Concen: 48.384 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

Instrument :

MSVOA_X

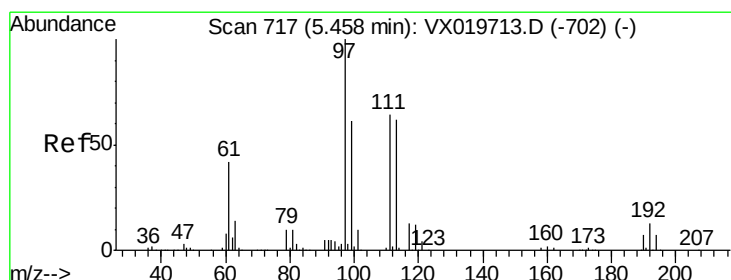
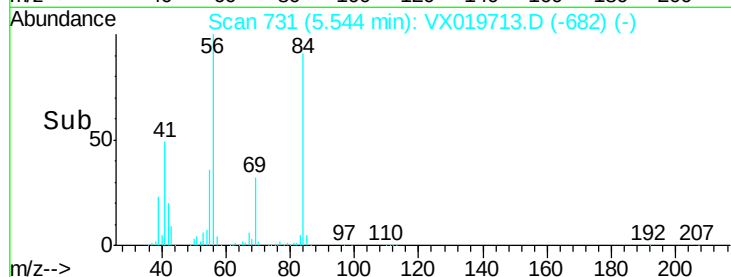
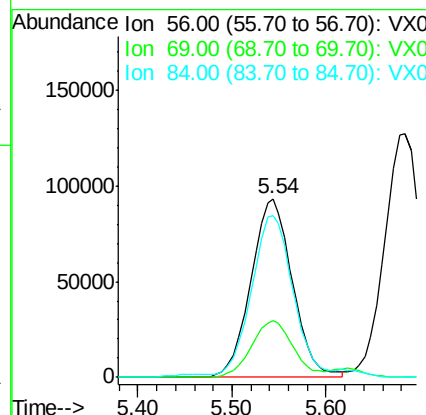
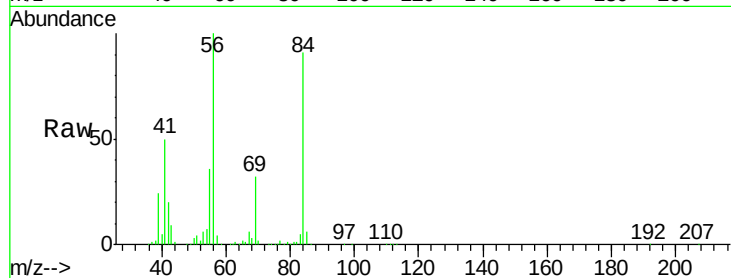
ClientSampled :

VSTDICCC050

Tot Ion:	56	Resp:	286664
Ion	Ratio	Lower	Upper
56	100		
69	31.6	25.3	37.9
84	89.2	71.4	107.0

Manual Integrations
APPROVED

MMDadoda
12/7/2020 10:56:23 AM



#32

1,1,1-Trichloroethane

Concen: 48.804 ug/l

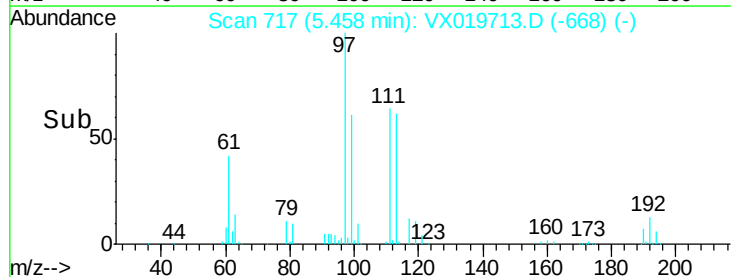
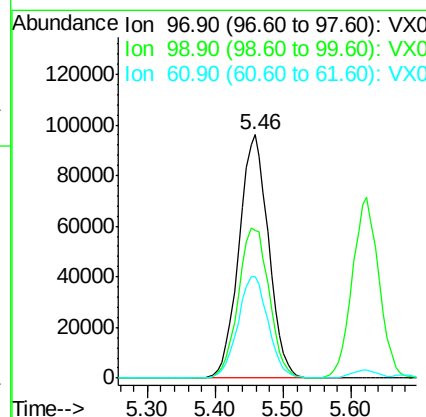
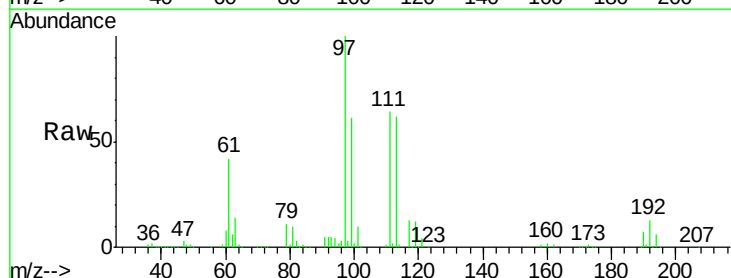
RT: 5.46 min Scan# 717

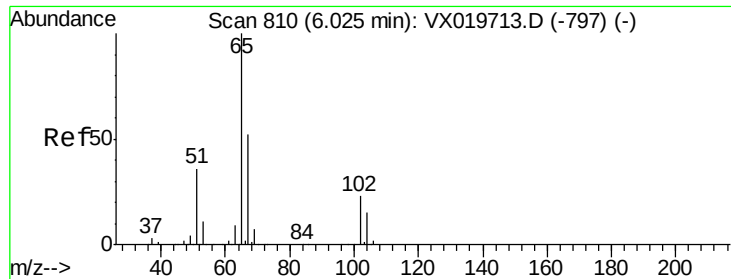
Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

Tgt Ion:	97	Resp:	290064
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.5	77.3
61	42.8	34.2	51.4





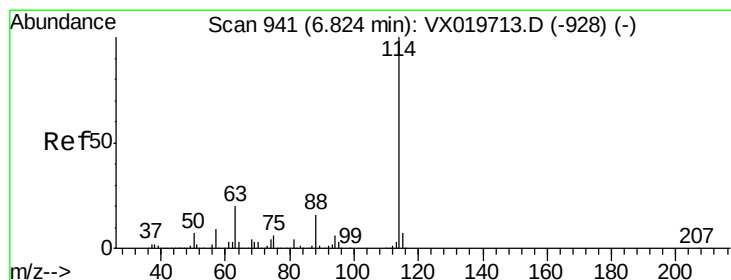
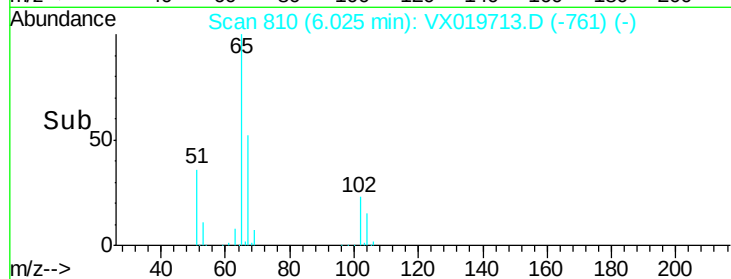
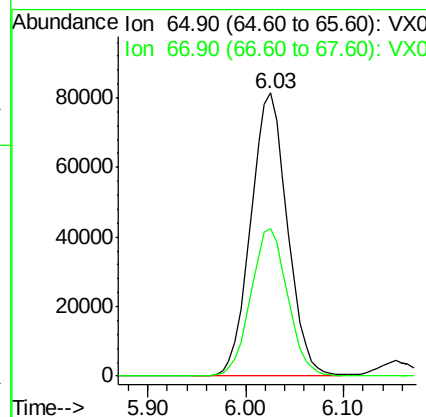
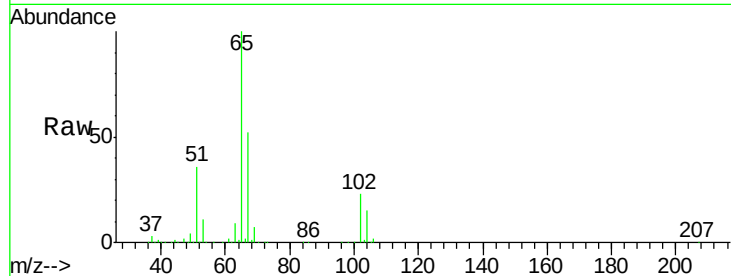
#33
 1,2-Dichloroethane-d4
 Concen: 47.108 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	105.4

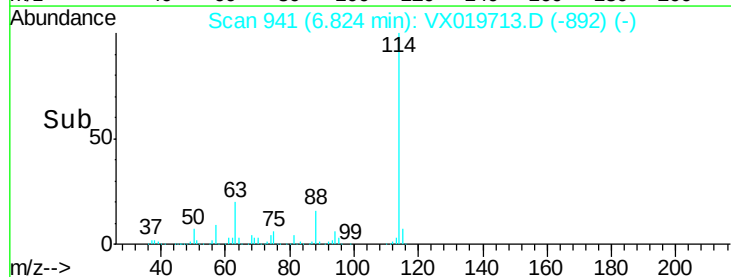
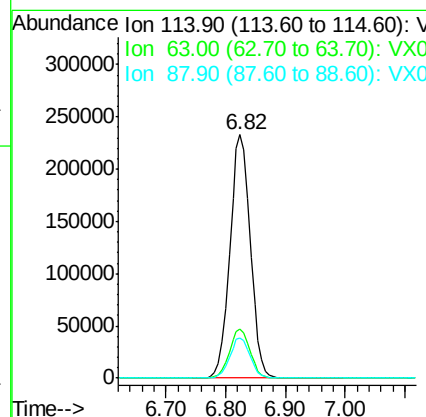
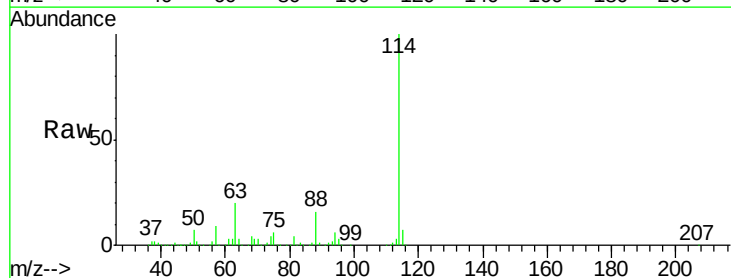
Manual Integrations
 APPROVED

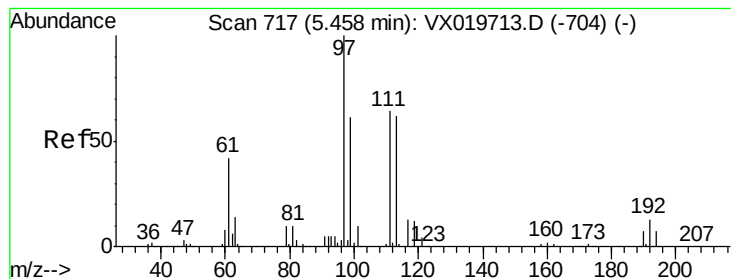
MMDadoda
 12/7/2020 10:56:23 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.8
88	16.4	0.0	32.8





#35

Dibromofluoromethane

Concen: 47.796 ug/l

RT: 5.46 min Scan# 717

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

Instrument :

MSVOA_X

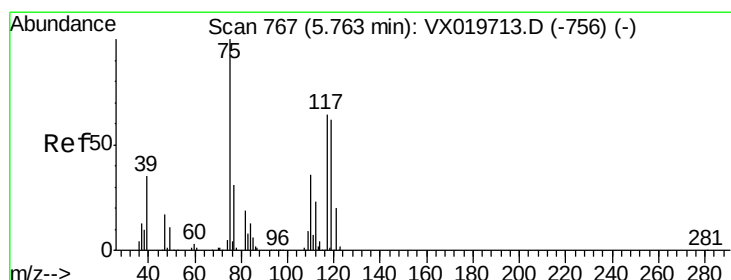
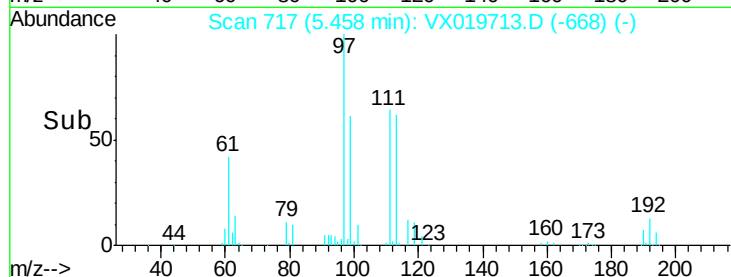
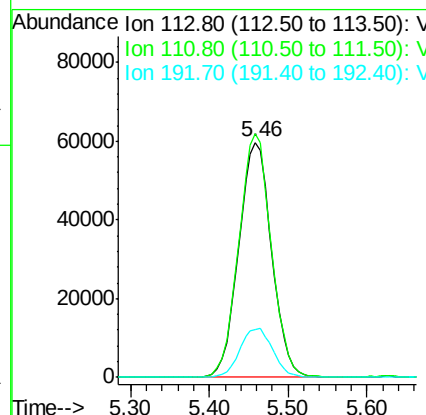
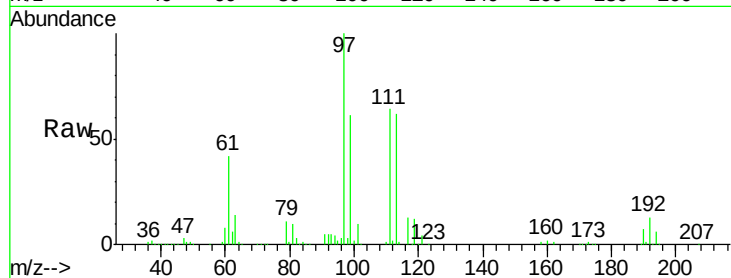
ClientSampleId :

VSTDICCC050

Tot Ion:	113	Resp:	173168
Ion Ratio	Lower	Upper	
113	100		
111	102.4	81.9	122.9
192	20.9	16.7	25.1

Manual Integrations
APPROVED

MMDadoda
12/7/2020 10:56:23 AM



#36

1,1-Dichloropropene

Concen: 48.820 ug/l

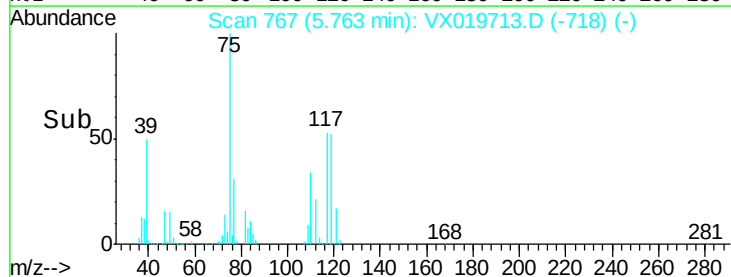
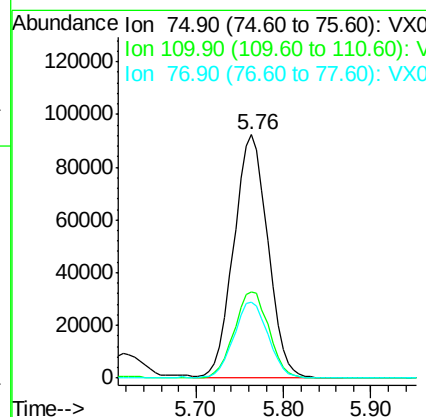
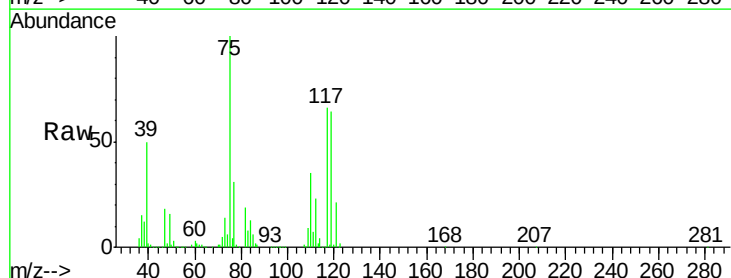
RT: 5.76 min Scan# 767

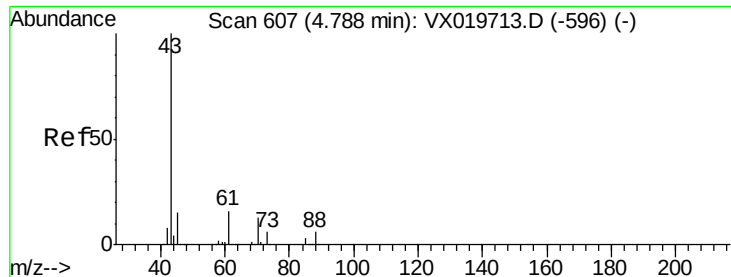
Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

Tgt Ion:	75	Resp:	249647
Ion Ratio	Lower	Upper	
75	100		
110	36.3	18.1	54.4
77	31.6	25.3	37.9





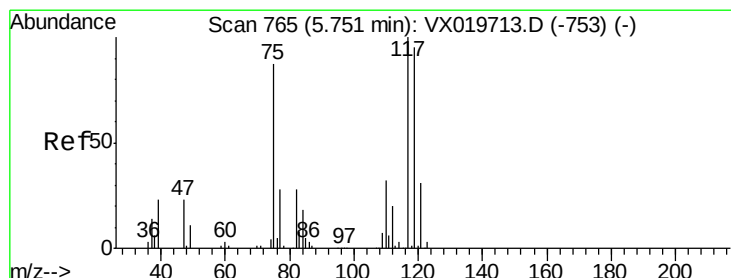
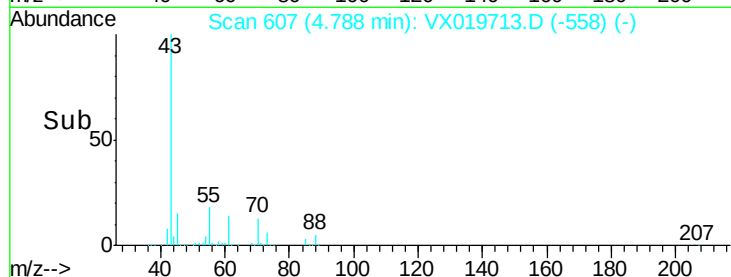
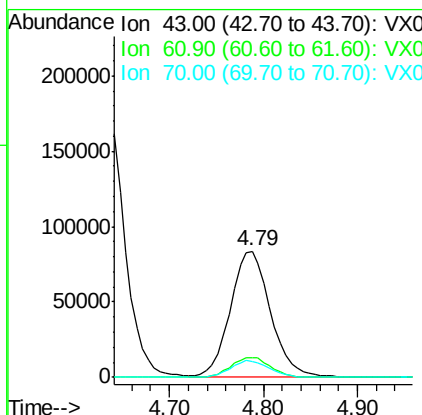
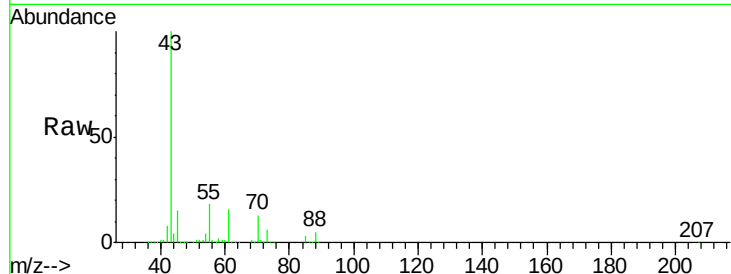
#37
Ethyl Acetate
Concen: 48.015 ug/l
RT: 4.79 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.0	12.8	19.2
70	13.1	10.5	15.7

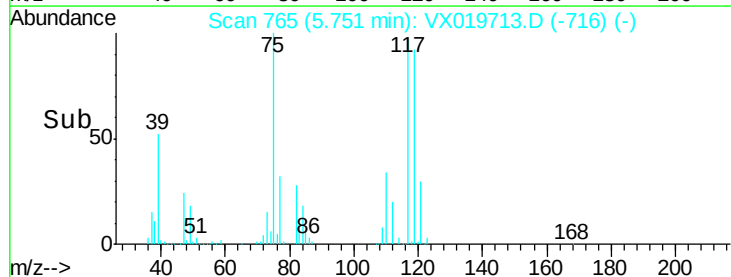
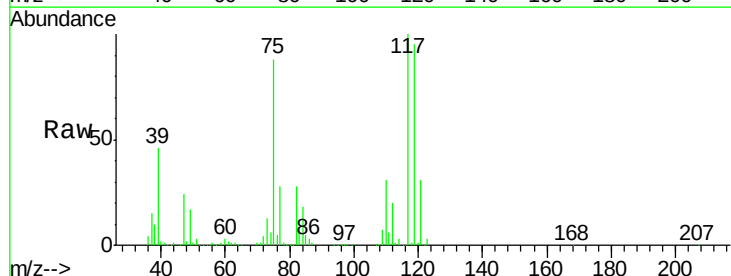
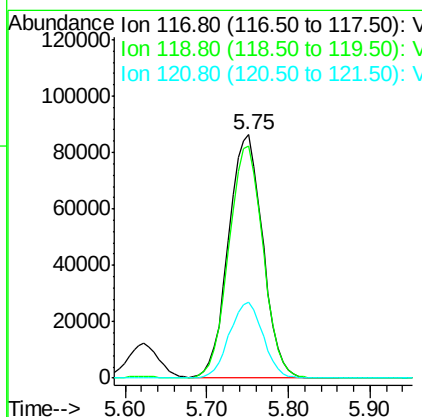
Manual Integrations
APPROVED

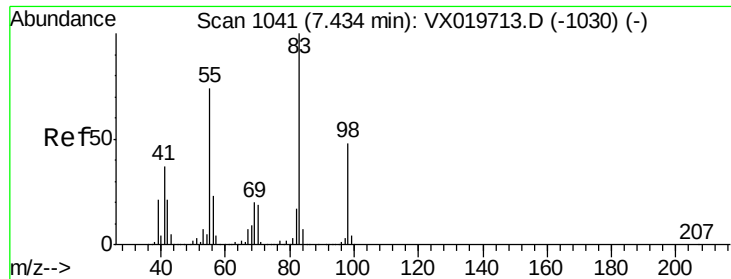
MMDadoda
12/7/2020 10:56:23 AM



#38
Carbon Tetrachloride
Concen: 49.453 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.2	114.2
121	31.0	24.8	37.2





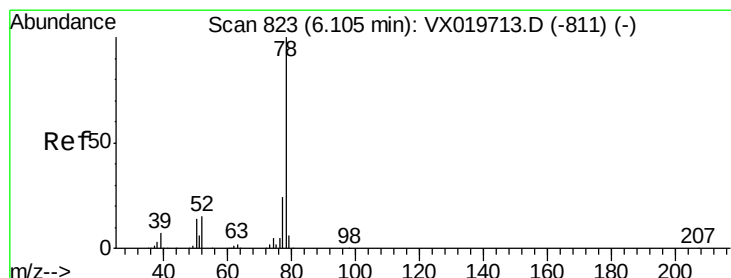
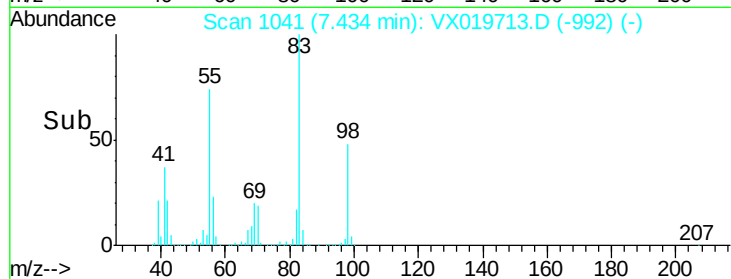
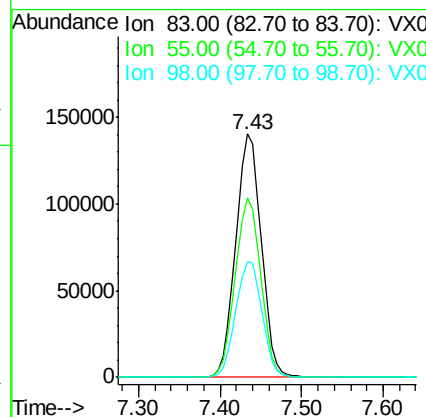
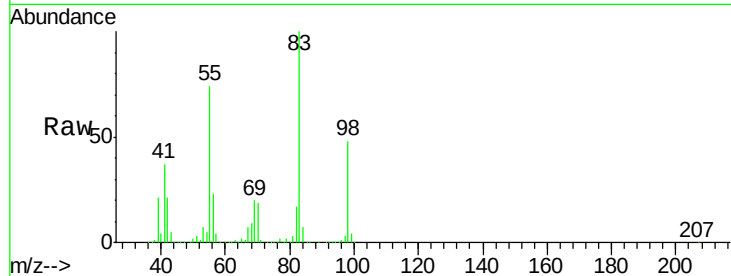
#39
Methylvlcyclohexane
Concen: 50.376 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	302764		
55	73.6		58.9	88.3
98	47.6		38.1	57.1

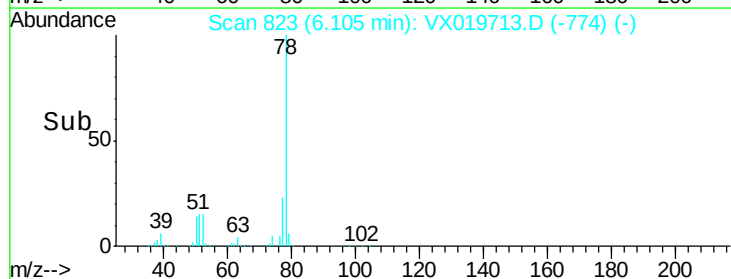
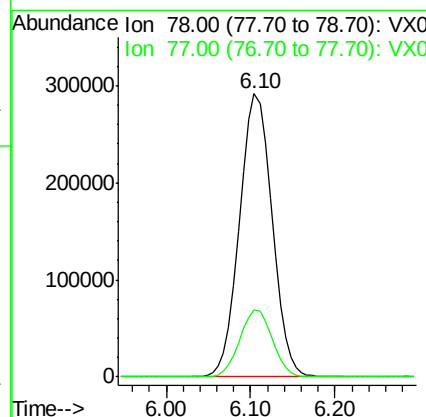
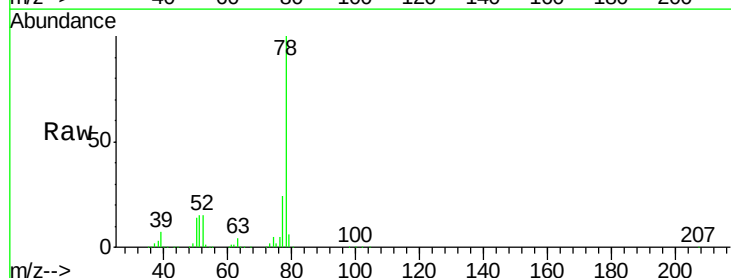
Manual Integrations
APPROVED

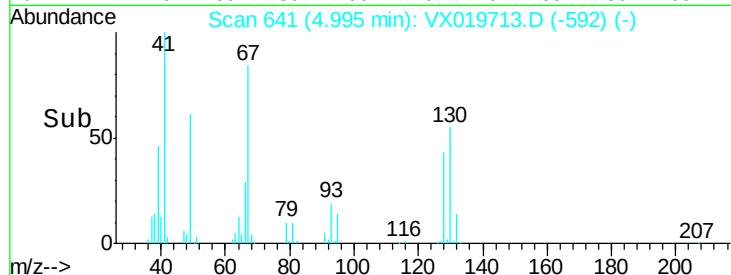
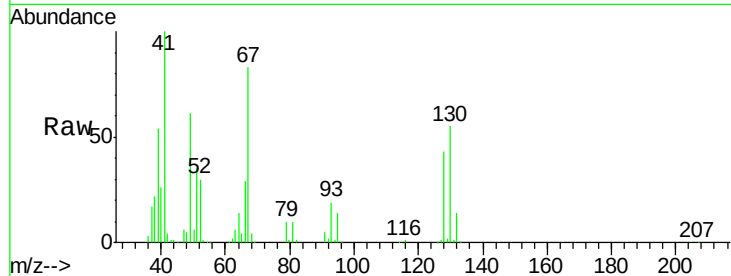
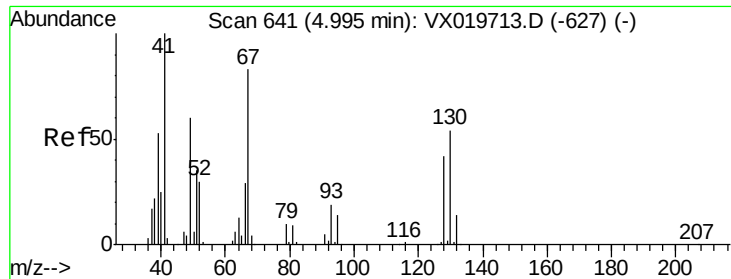
MMDadoda
12/7/2020 10:56:23 AM



#40
Benzene
Concen: 47.920 ug/l
RT: 6.10 min Scan# 823
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

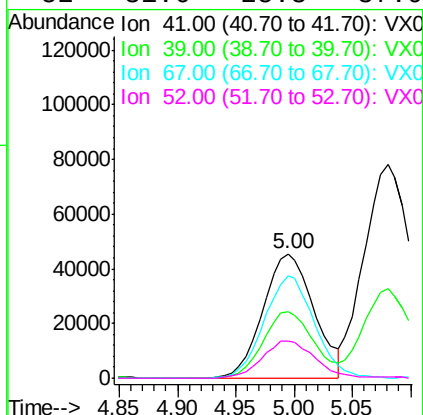
Tgt Ion	Ratio	Resp	Lower	Upper
78	100	764149		
77	23.6		18.9	28.3





#41
Methacrylonitrile
Concen: 48.625 ug/l
RT: 5.00 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

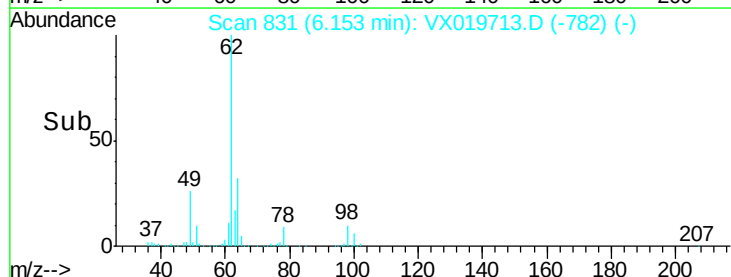
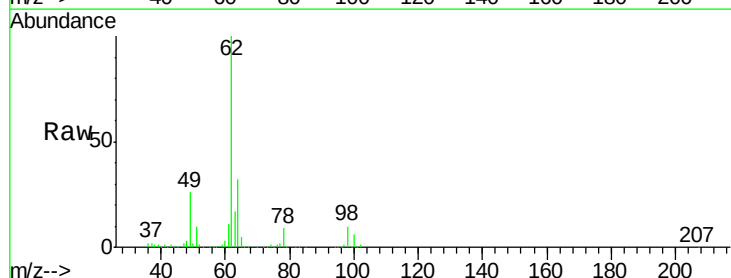
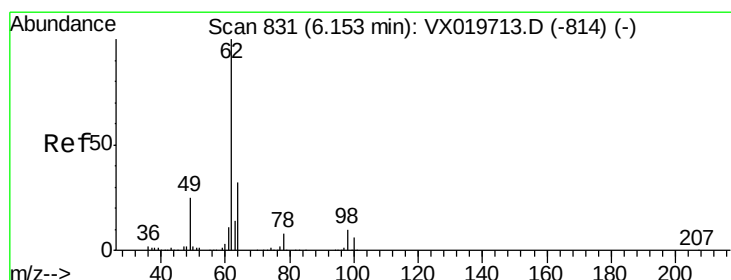
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.1	42.5	63.7	
67	81.3	65.0	97.6	
52	31.6	25.3	37.9	



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

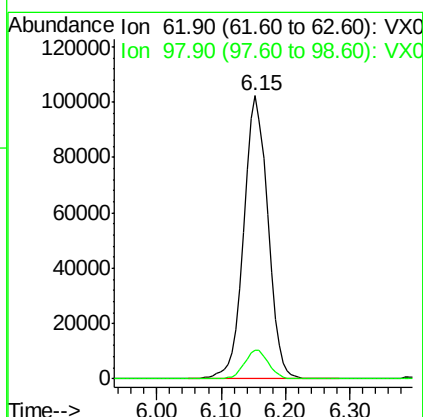
Manual Integrations
APPROVED

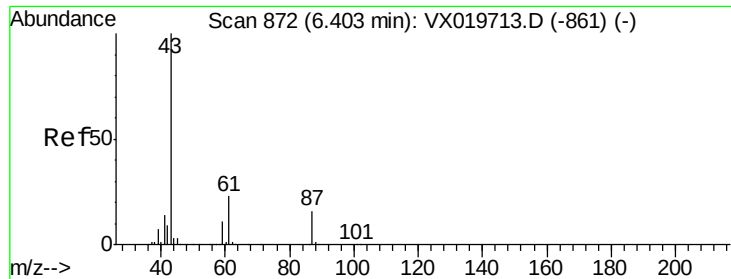
MMDadoda
12/7/2020 10:56:23 AM



#42
1,2-Dichloroethane
Concen: 48.061 ug/l
RT: 6.15 min Scan# 831
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	0.0	20.2	





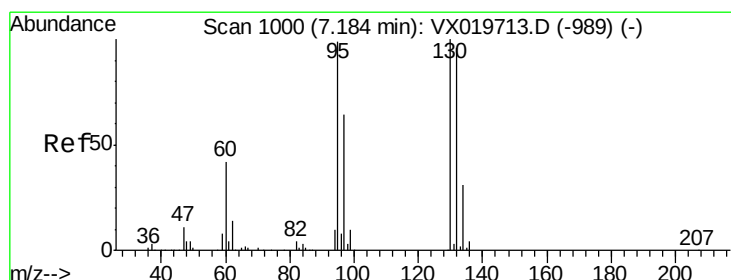
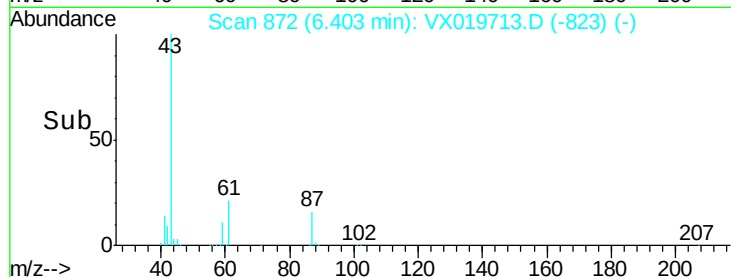
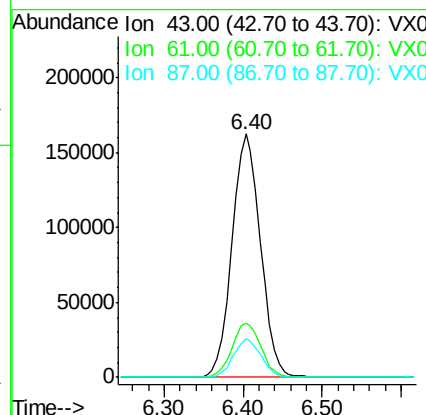
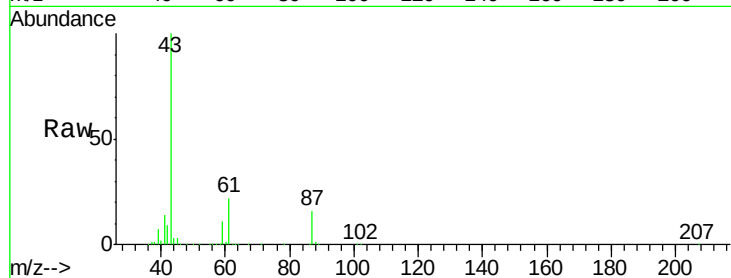
#43
Isopropyl Acetate
Concen: 47.792 ug/l
RT: 6.40 min Scan# 872
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.8	18.2	27.4
87	15.6	12.5	18.7

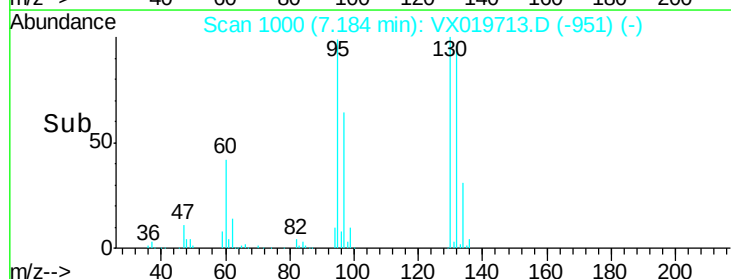
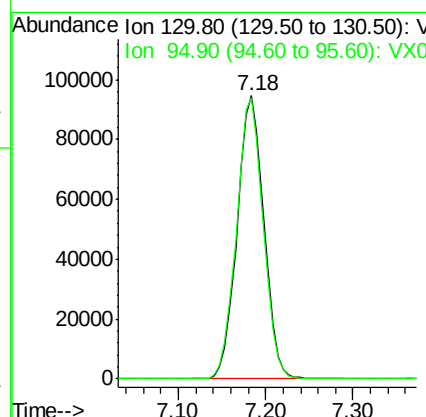
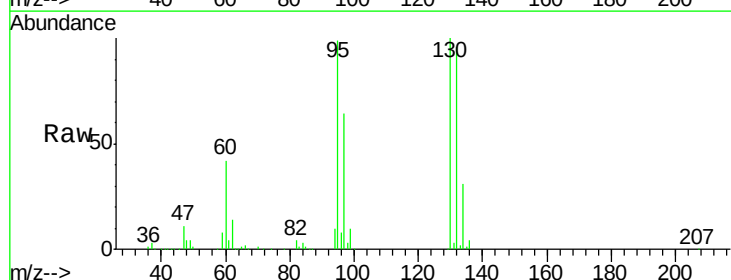
Manual Integrations
APPROVED

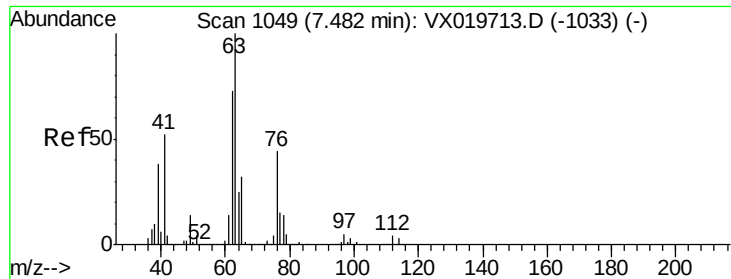
MMDadoda
12/7/2020 10:56:23 AM



#44
Trichloroethene
Concen: 48.358 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.0	0.0	198.0





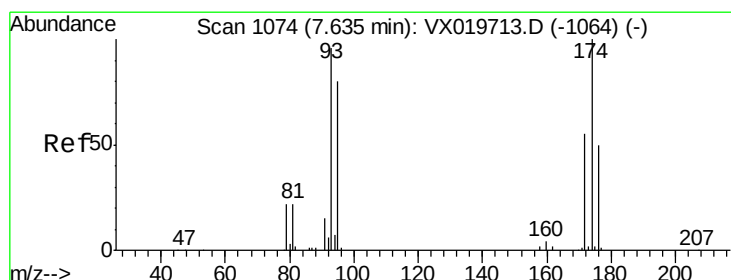
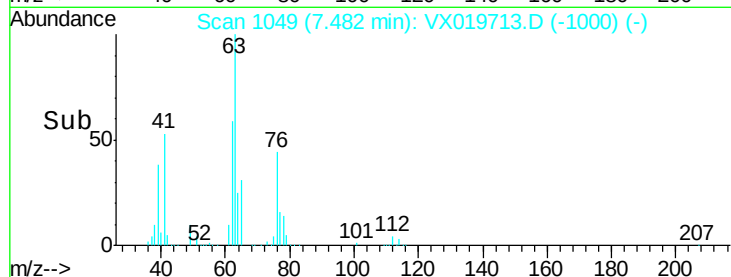
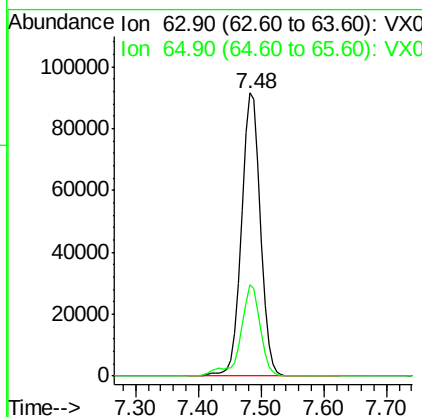
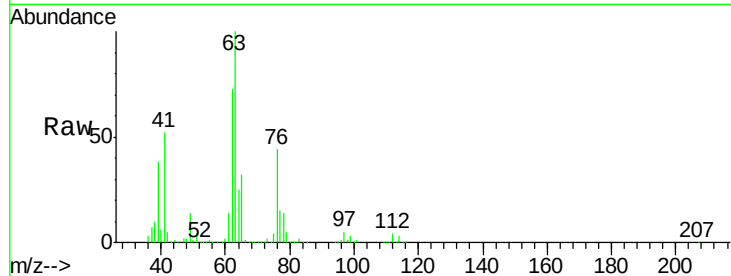
#45
 1,2-Dichloropropane
 Concen: 47.577 ug/l
 RT: 7.48 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICCC050

Tot Ion: 63 Resp: 190816
 Ion Ratio Lower Upper
 63 100
 65 32.1 25.7 38.5

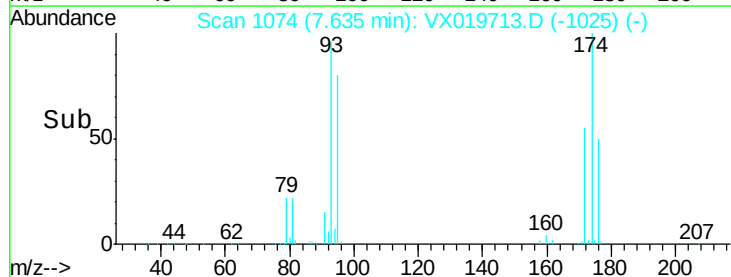
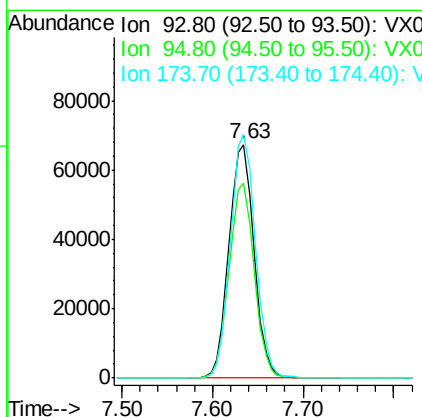
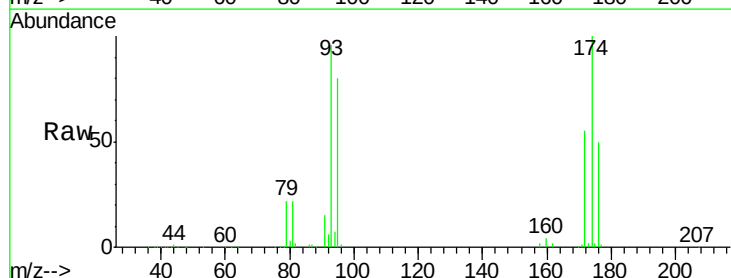
Manual Integrations
 APPROVED

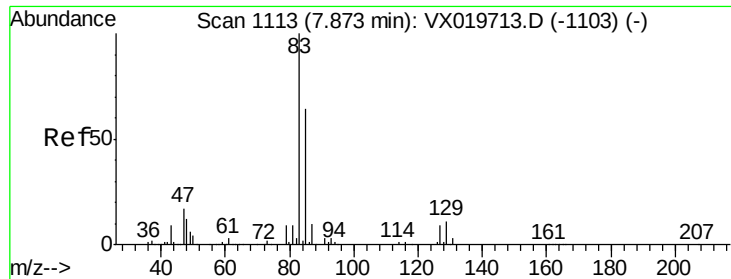
MMDadoda
 12/7/2020 10:56:23 AM



#46
 Dibromomethane
 Concen: 48.372 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

Tgt Ion: 93 Resp: 130130
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.8 100.2
 174 103.9 83.1 124.7





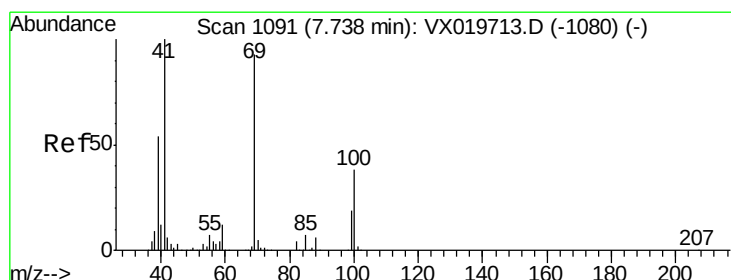
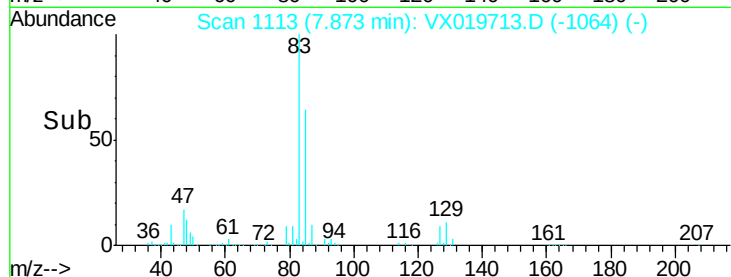
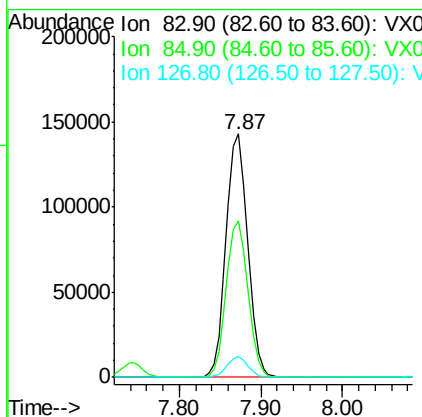
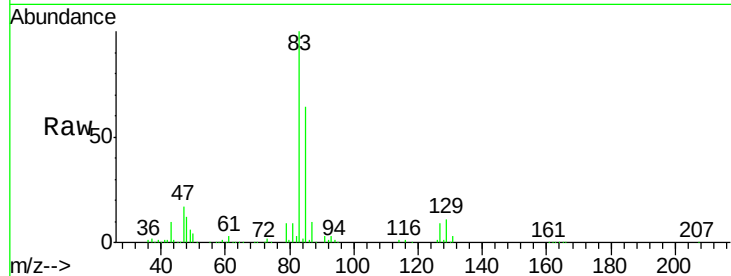
#47
Bromodichloromethane
Concen: 49.108 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	261865		
85	64.2		51.4	77.0
127	8.5		6.8	10.2

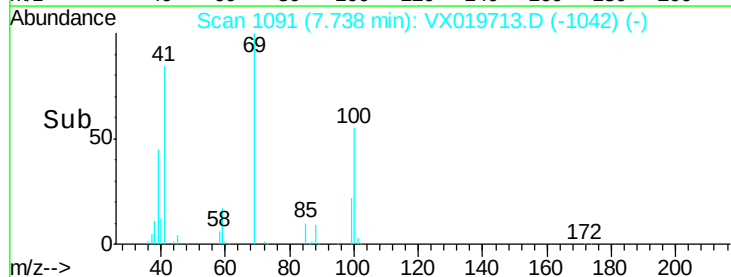
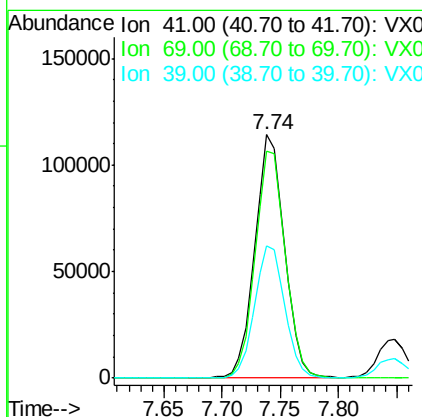
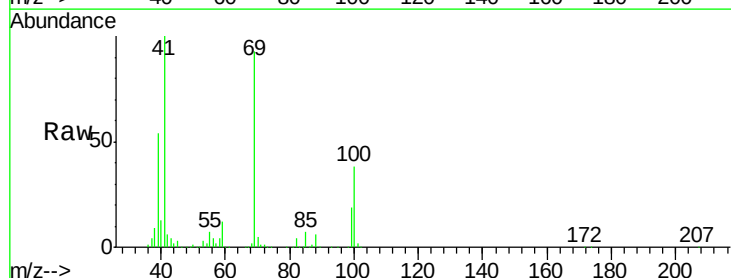
Manual Integrations
APPROVED

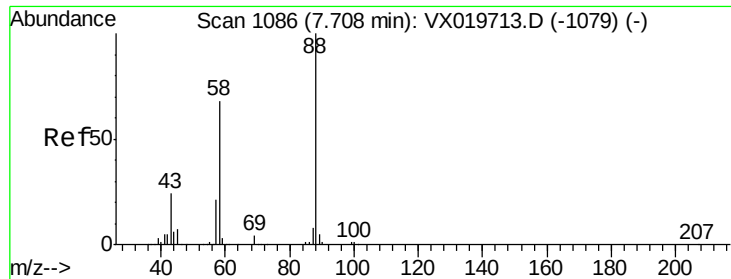
MMDadoda
12/7/2020 10:56:23 AM



#48
Methyl methacrylate
Concen: 48.288 ug/l
RT: 7.74 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	202355		
69	95.0		76.0	114.0
39	55.8		44.6	67.0





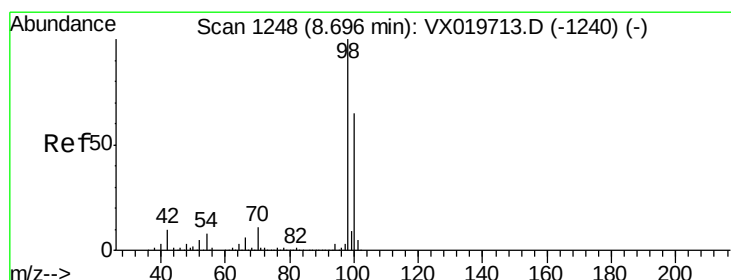
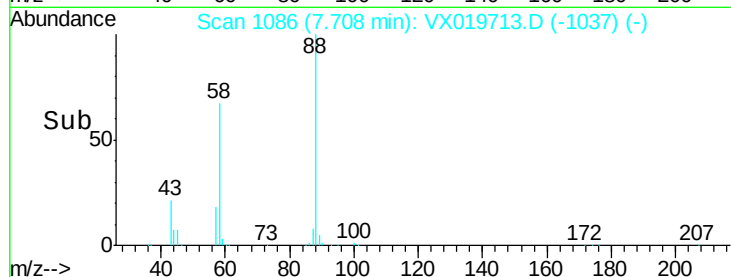
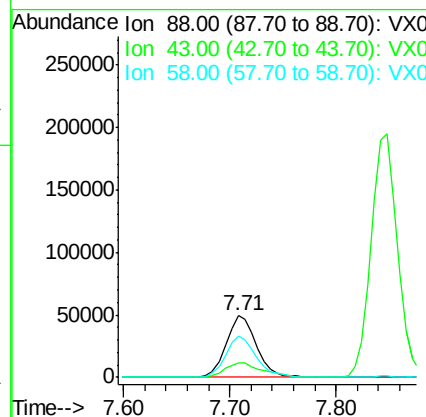
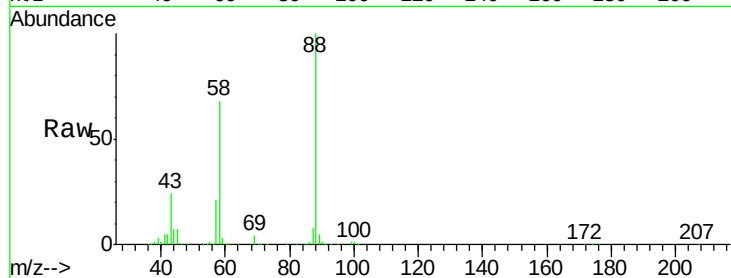
#49
1,4-Dioxane
Concen: 1014.070 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.0	23.2	34.8
58	68.7	55.0	82.4

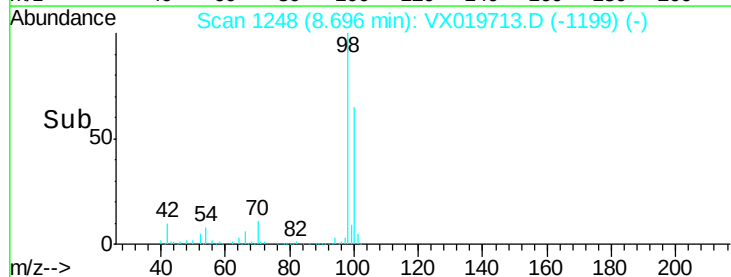
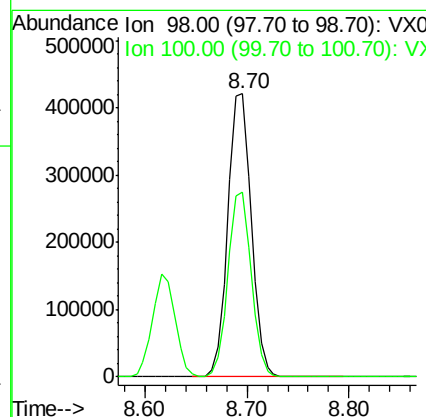
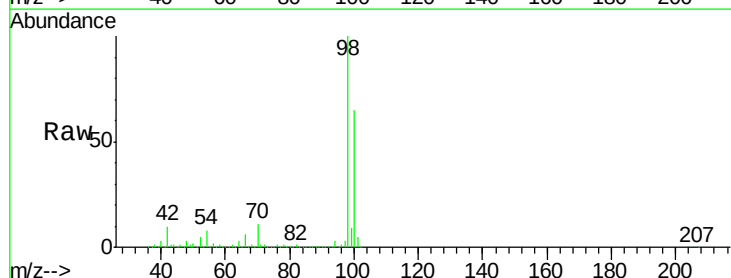
Manual Integrations
APPROVED

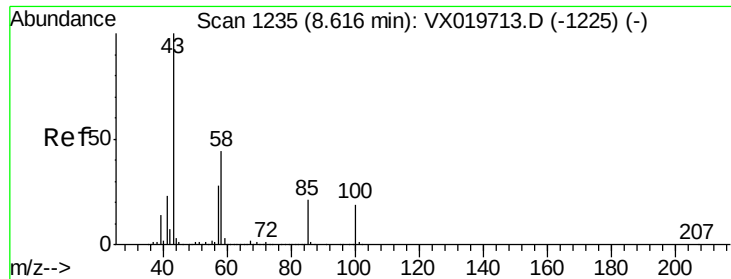
MMDadoda
12/7/2020 10:56:23 AM



#50
Toluene-d8
Concen: 48.438 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.9	77.9





#51

4-Methyl-2-Pentanone

Concen: 242.594 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion: 43 Resp: 1256436

Ion Ratio Lower Upper

43 100

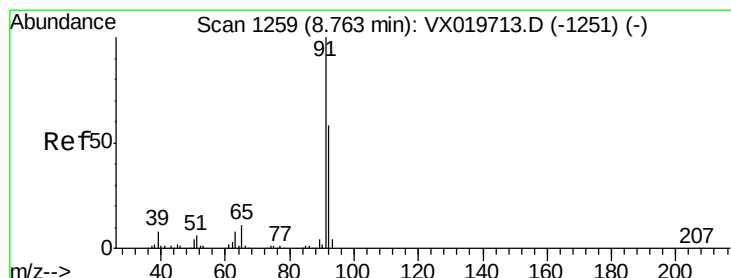
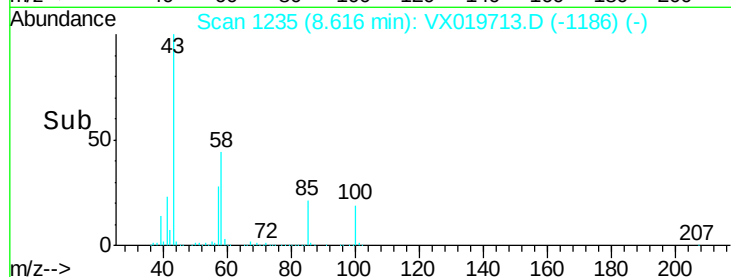
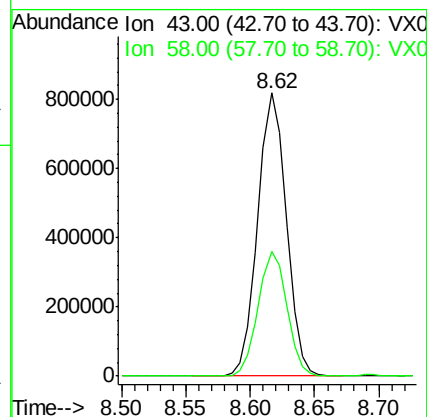
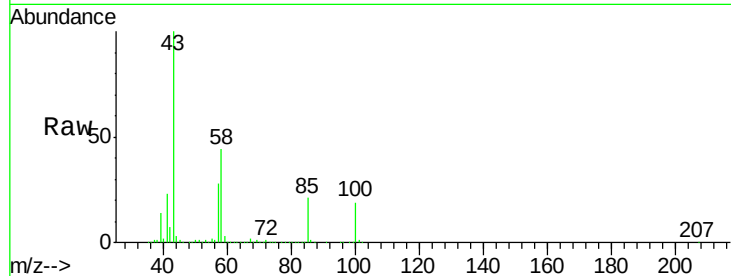
58 44.2 35.4 53.0

Manual Integrations

APPROVED

MMDadoda

12/7/2020 10:56:23 AM



#52

Toluene

Concen: 48.658 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019713.D

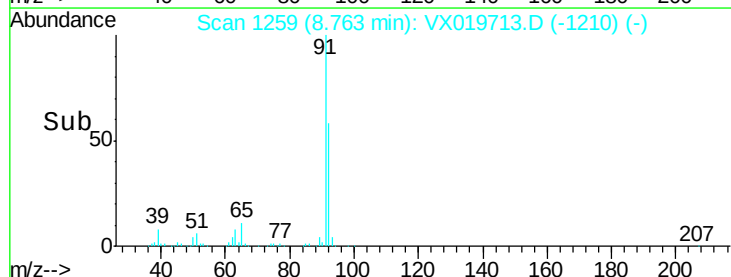
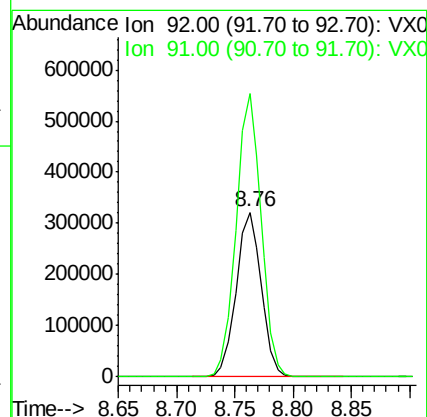
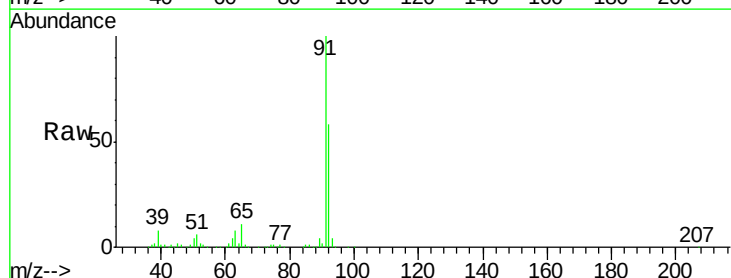
Acq: 04 Dec 2020 12:24

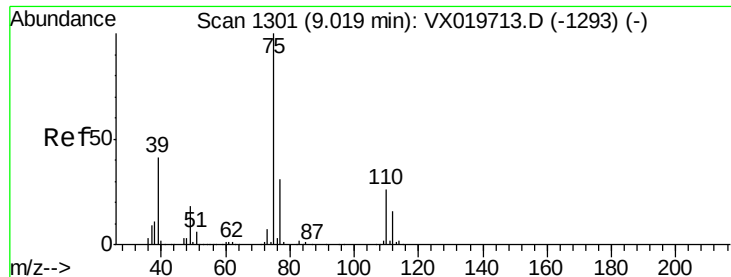
Tgt Ion: 92 Resp: 483095

Ion Ratio Lower Upper

92 100

91 171.4 137.1 205.7





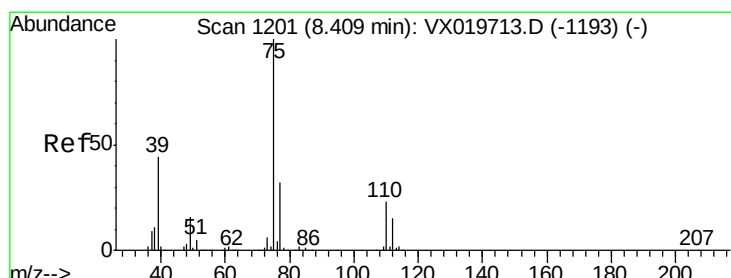
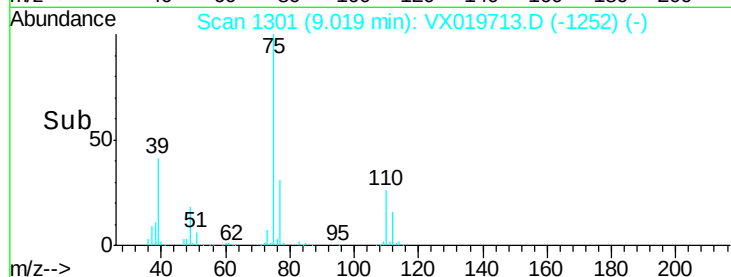
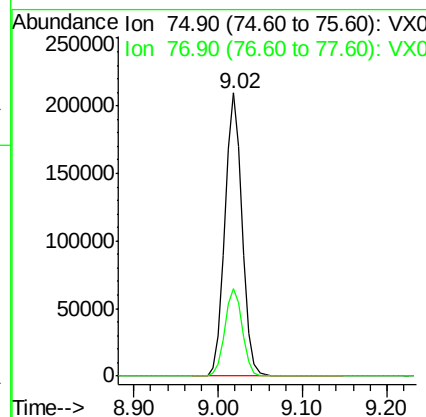
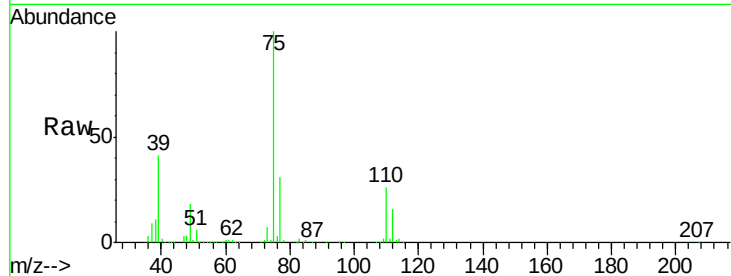
#53
 t-1,3-Dichloropropene
 Concen: 50.777 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion: 75 Resp: 296913
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.9 37.3

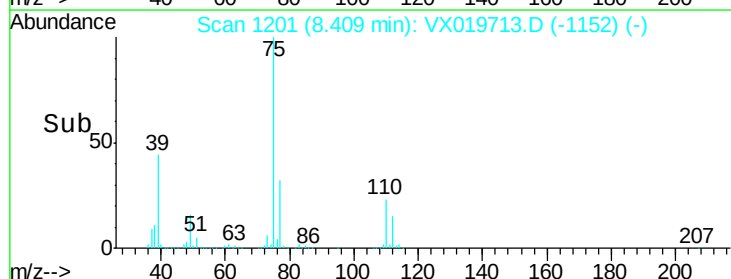
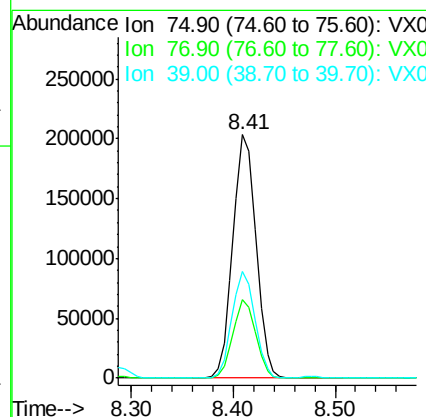
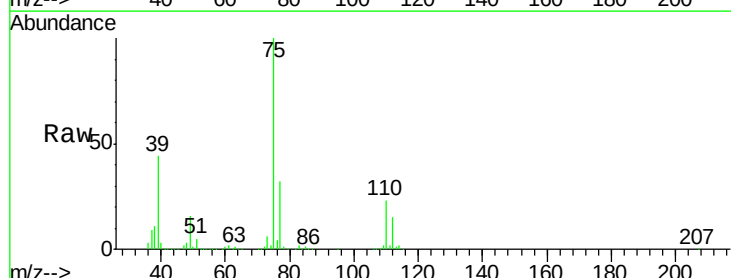
Manual Integrations
 APPROVED

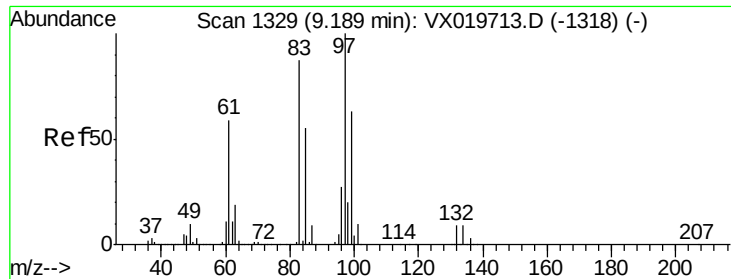
MMDadoda
 12/7/2020 10:56:23 AM



#54
 cis-1,3-Dichloropropene
 Concen: 50.126 ug/l
 RT: 8.41 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

Tgt Ion: 75 Resp: 320380
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.7 38.5
 39 43.9 35.1 52.7





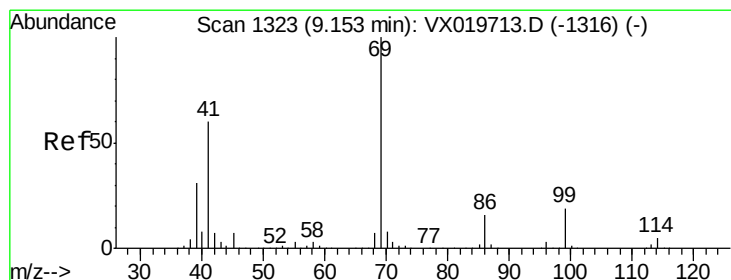
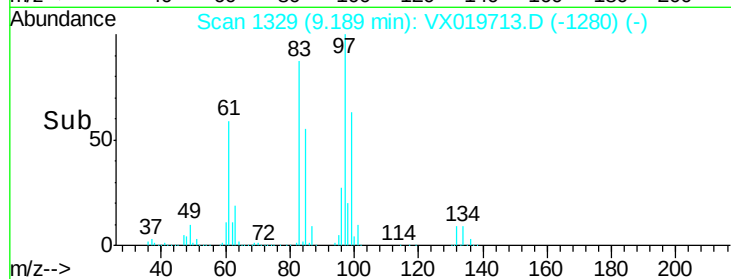
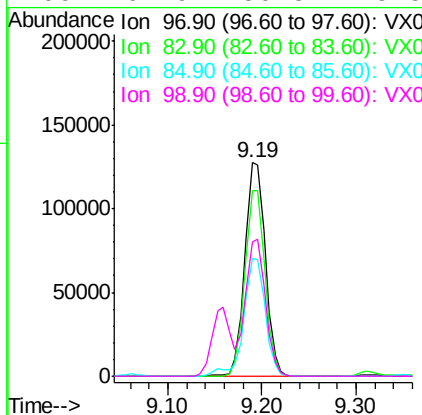
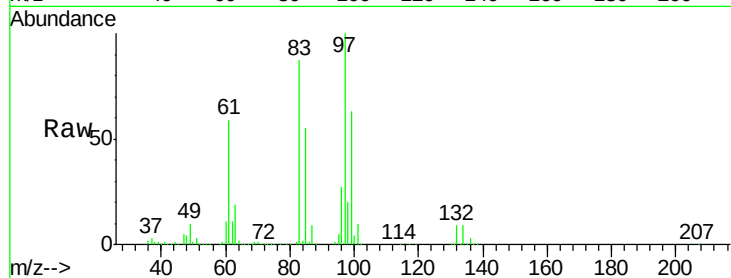
#55
 1,1,2-Trichloroethane
 Concen: 48.237 ug/l
 RT: 9.19 min Scan# 1329
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		193682		
83	86.6	69.3	103.9		
85	55.4	44.3	66.5		
99	62.9	50.3	75.5		

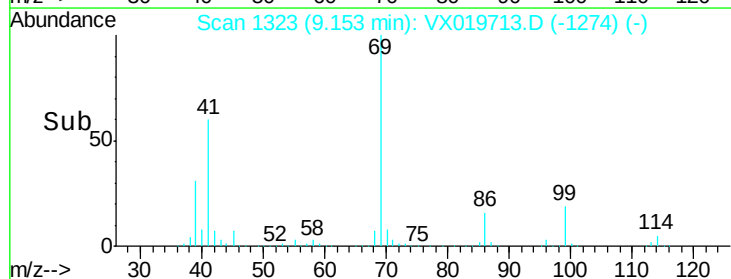
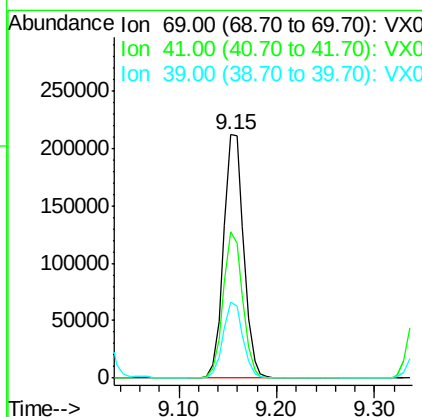
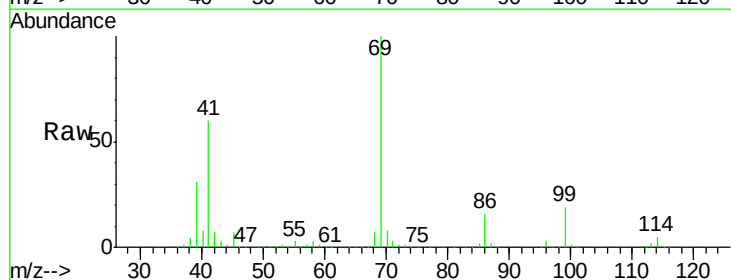
Manual Integrations
 APPROVED

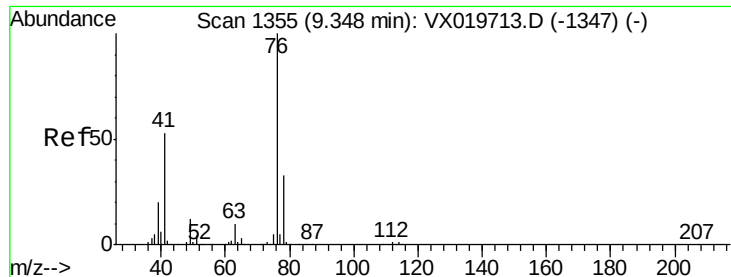
MMDadoda
 12/7/2020 10:56:23 AM



#56
 Ethyl methacrylate
 Concen: 49.967 ug/l
 RT: 9.15 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		301359		
41	58.5	46.8	70.2		
39	30.9	24.7	37.1		





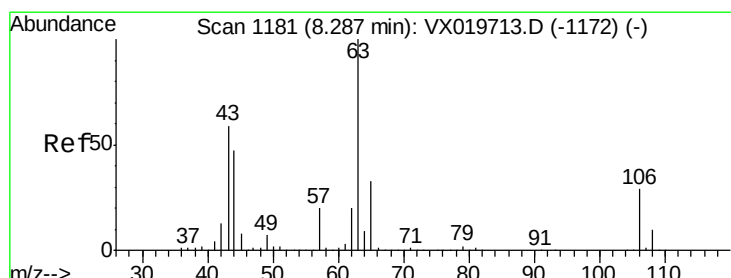
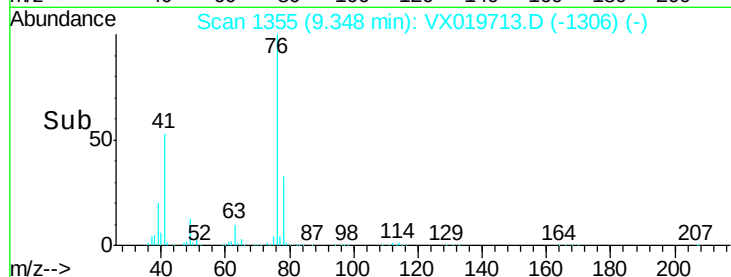
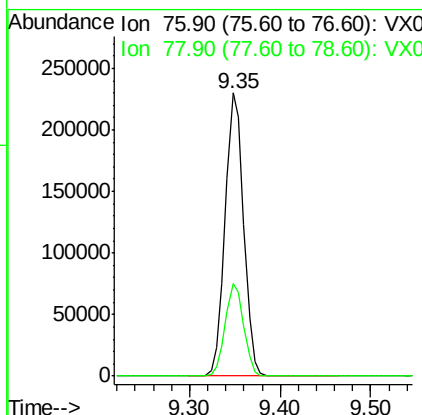
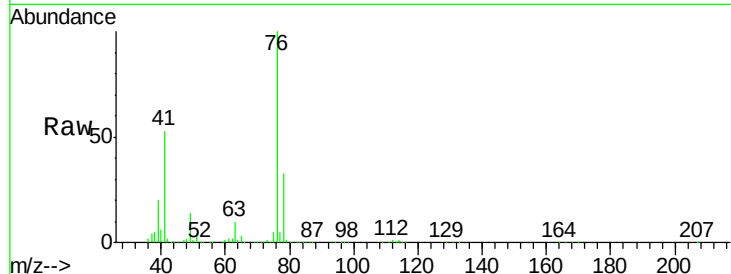
#57
 1,3-Dichloropropane
 Concen: 48.136 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICCC050

Tot Ion: 76 Resp: 327076
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.2 39.2

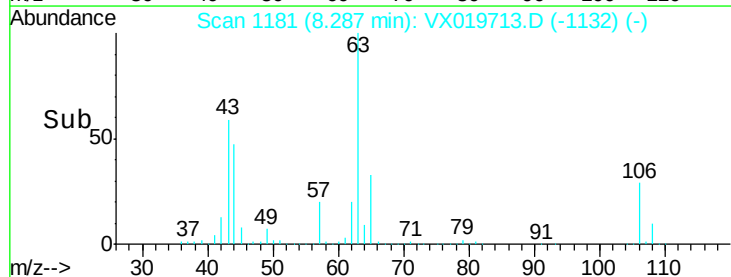
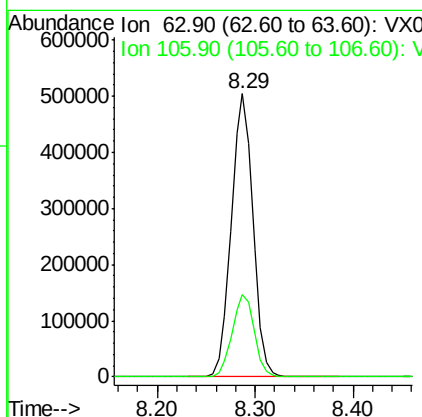
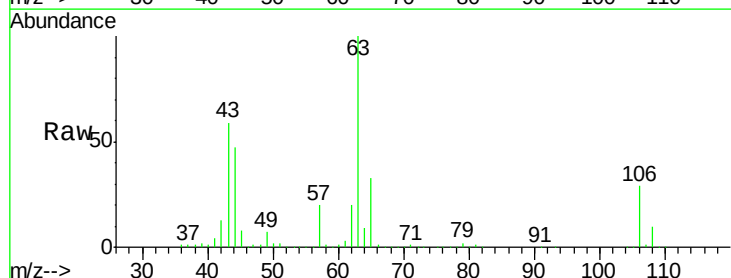
Manual Integrations
 APPROVED

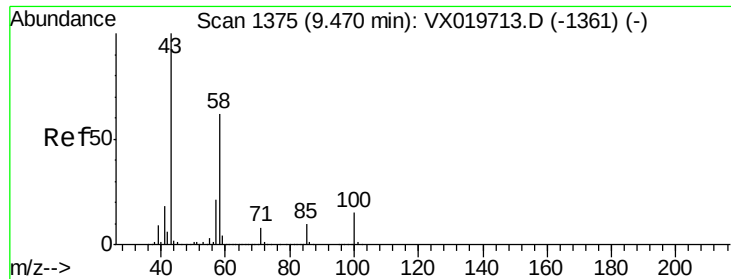
MMDadoda
 12/7/2020 10:56:23 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 245.284 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

Tgt Ion: 63 Resp: 775046
 Ion Ratio Lower Upper
 63 100
 106 29.4 23.5 35.3





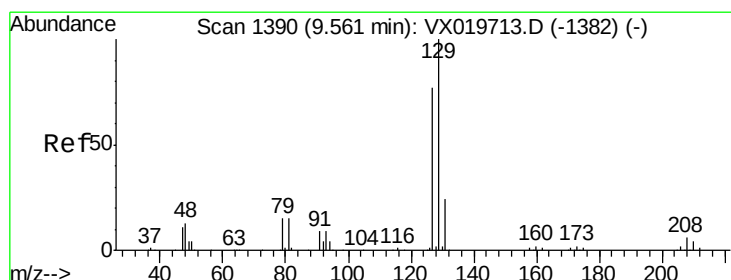
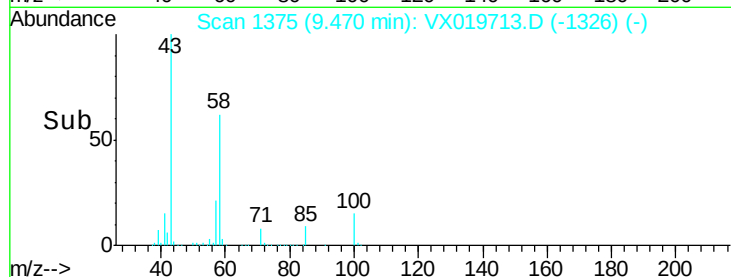
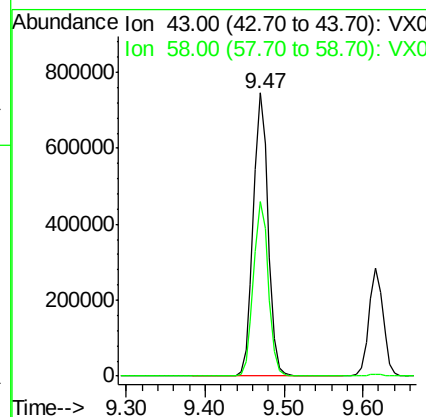
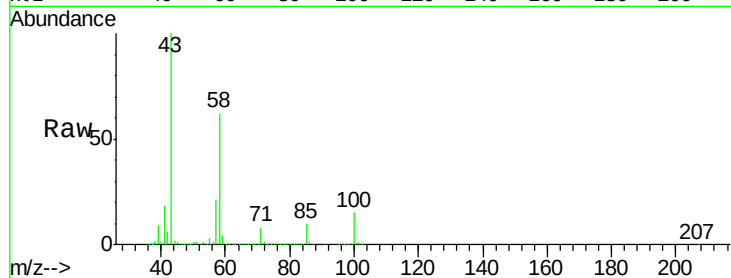
#59
2-Hexanone
Concen: 250.512 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	61.9	30.9	92.8

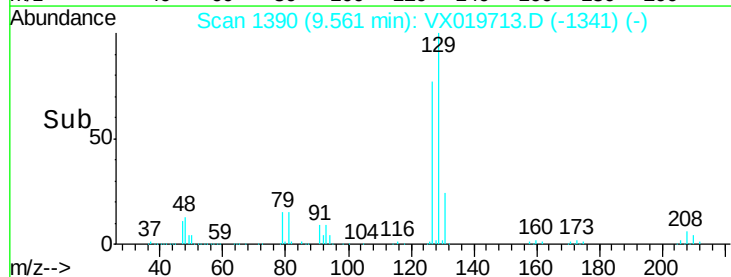
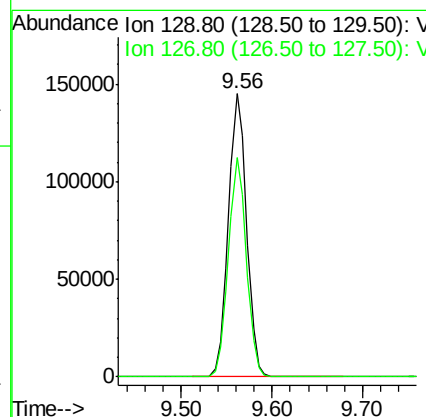
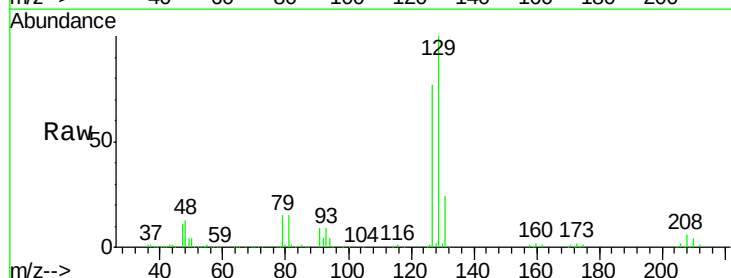
Manual Integrations
APPROVED

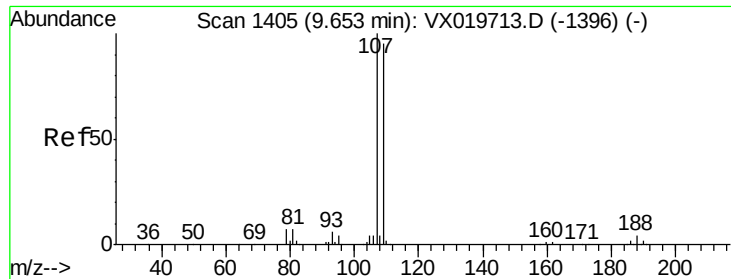
MMDadoda
12/7/2020 10:56:23 AM



#60
Dibromochloromethane
Concen: 49.247 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.8	38.4	115.2





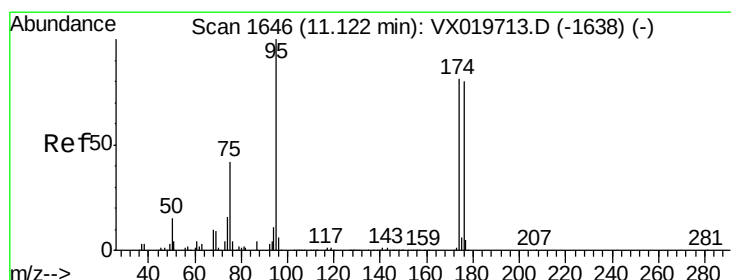
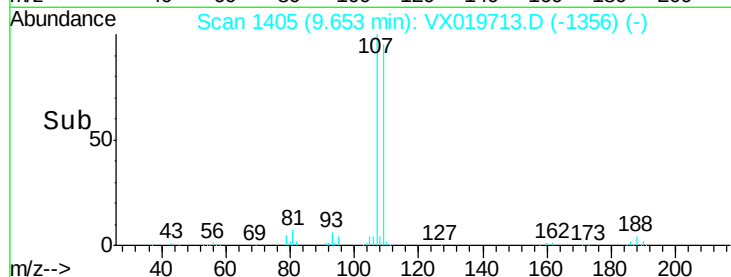
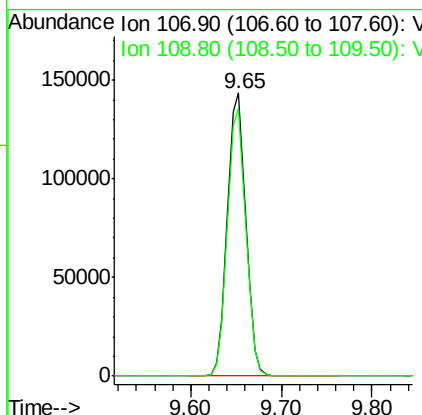
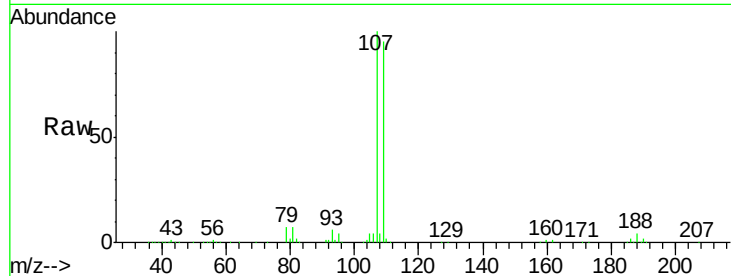
#61
 1,2-Dibromoethane
 Concen: 48.324 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.7	75.8	113.6

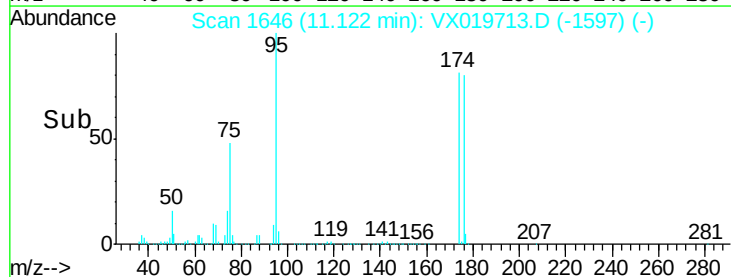
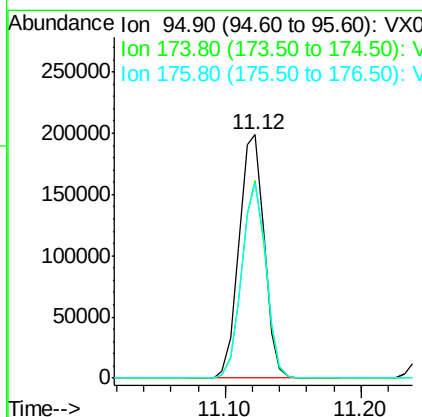
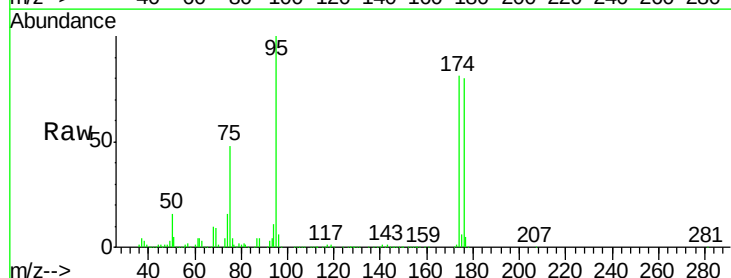
Manual Integrations
 APPROVED

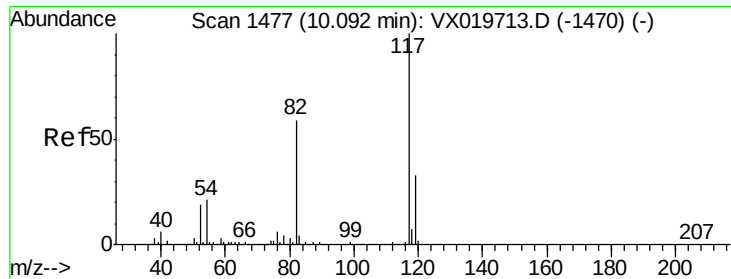
MMDadoda
 12/7/2020 10:56:23 AM



#62
 4-Bromofluorobenzene
 Concen: 48.699 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.3	0.0	154.6
176	77.9	0.0	155.8





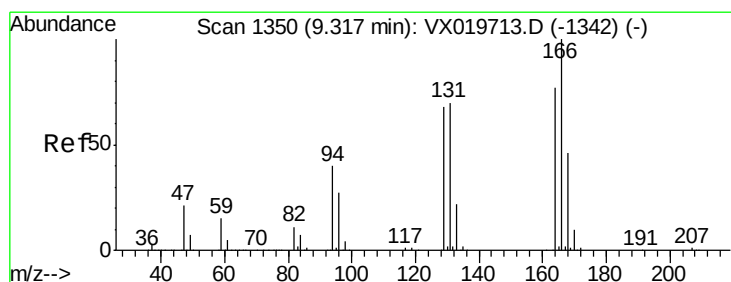
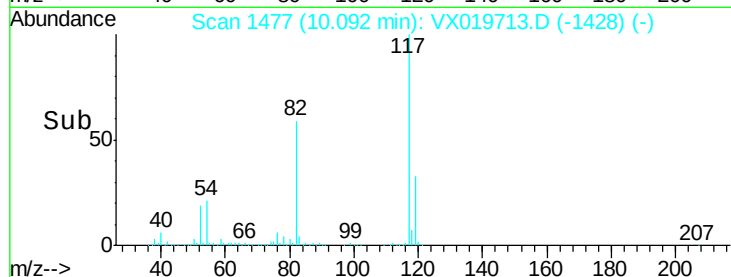
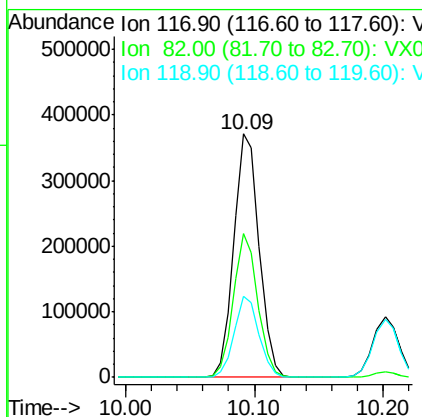
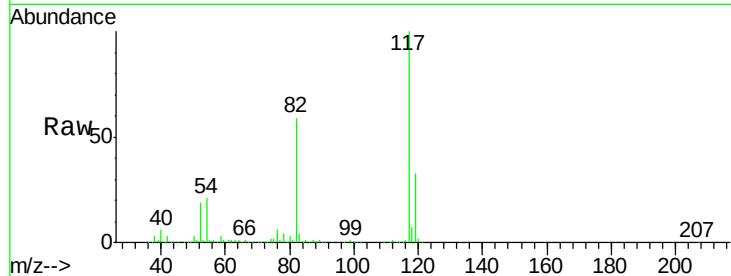
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	508281		
82	59.3		47.4	71.2
119	33.2		26.6	39.8

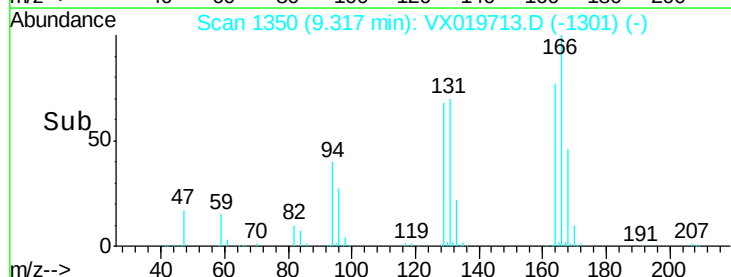
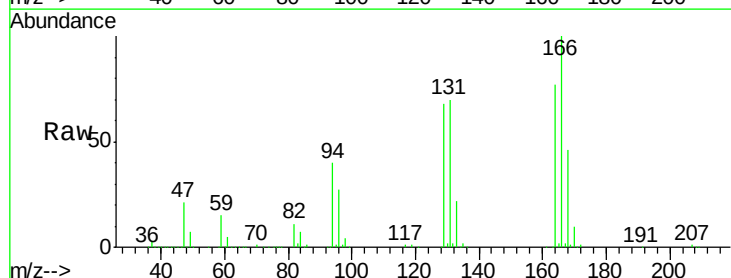
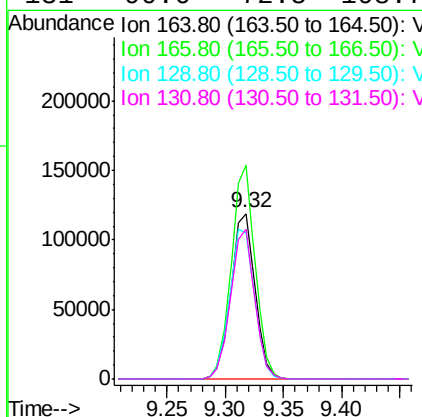
Manual Integrations
APPROVED

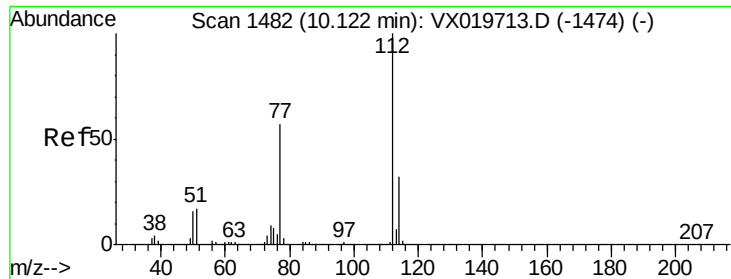
MMDadoda
12/7/2020 10:56:23 AM



#64
Tetrachloroethene
Concen: 49.148 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	172505		
166	129.3		103.4	155.2
129	88.5		70.8	106.2
131	90.6		72.5	108.7





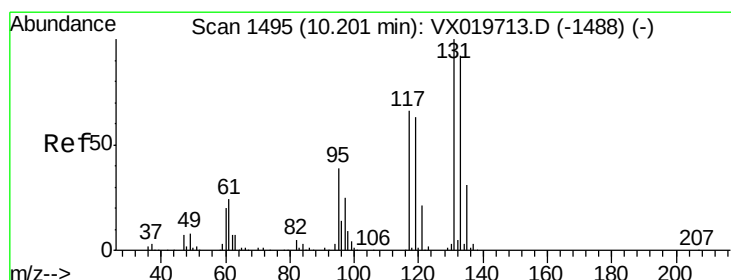
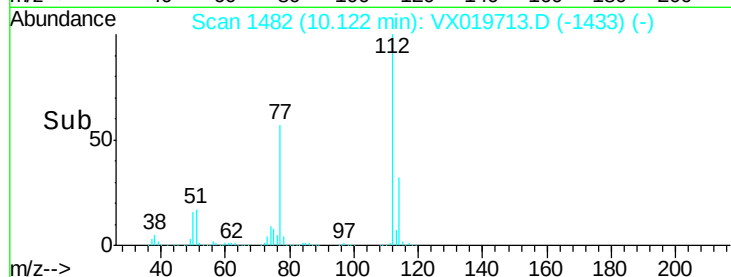
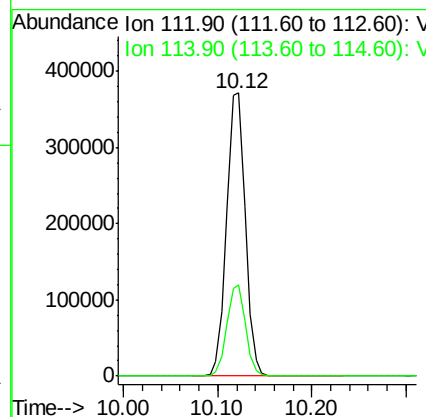
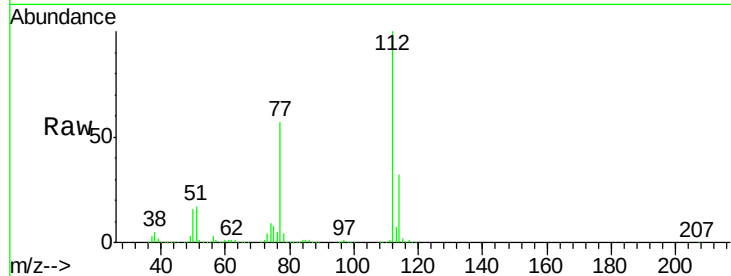
#65
Chlorobenzene
Concen: 48.565 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.8	38.6

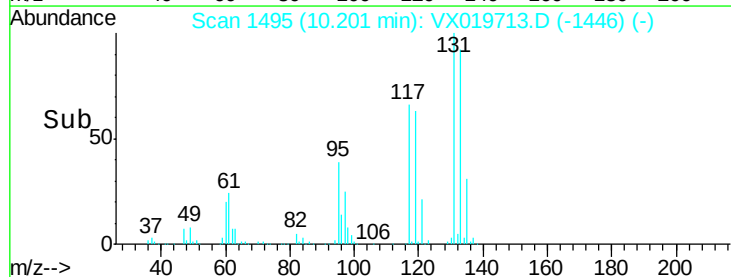
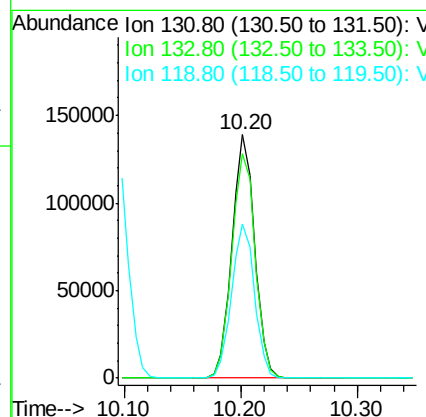
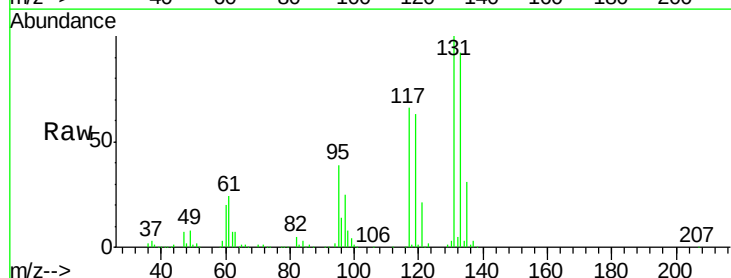
Manual Integrations
APPROVED

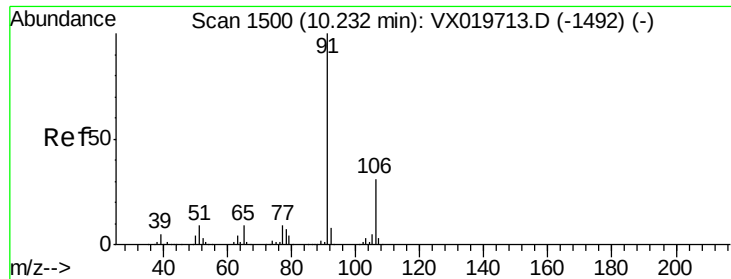
MMDadoda
12/7/2020 10:56:23 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.015 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.4	47.7	143.1
119	64.3	32.1	96.5





#67

Ethyl Benzene

Concen: 49.793 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion: 91 Resp: 925420

Ion Ratio Lower Upper

91 100

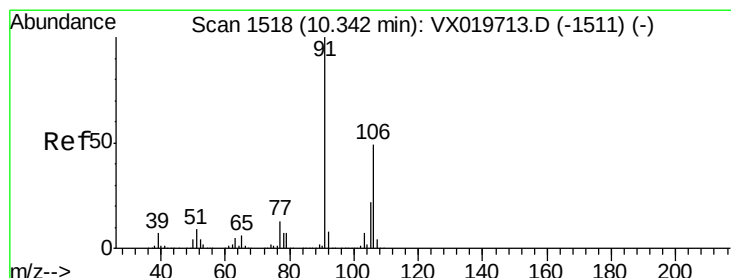
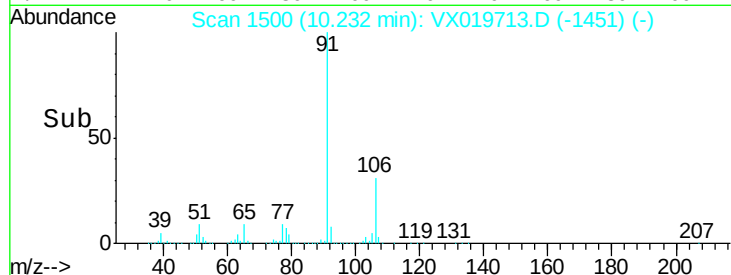
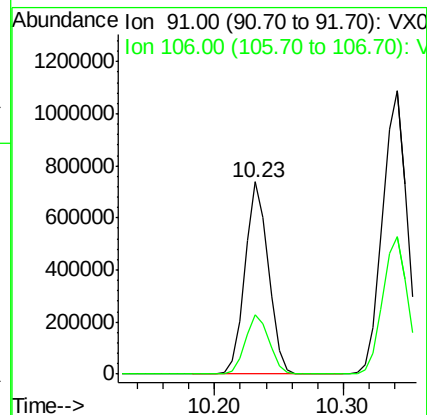
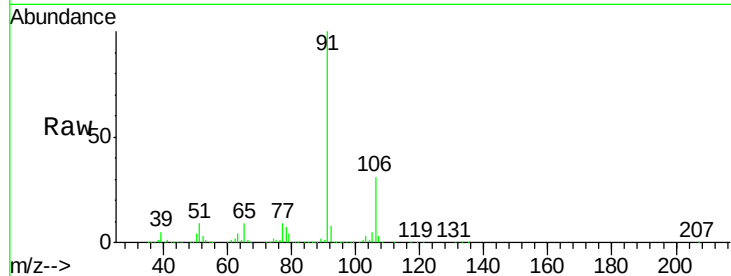
106 30.8 24.6 37.0

Manual Integrations

APPROVED

MMDadoda

12/7/2020 10:56:23 AM



#68

m/p-Xylenes

Concen: 100.775 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX019713.D

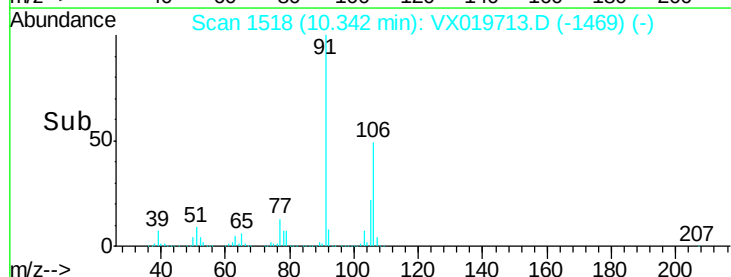
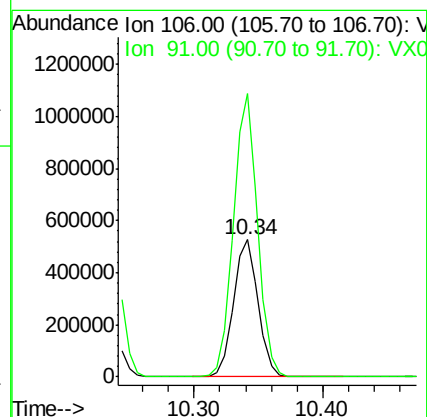
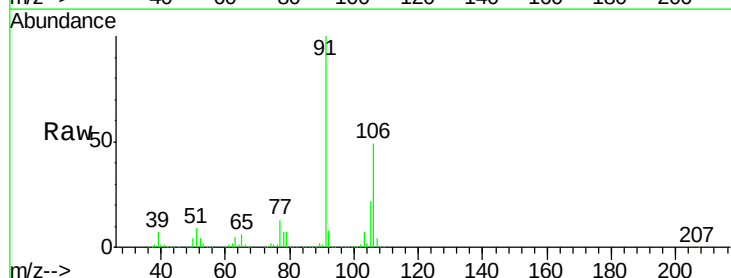
Acq: 04 Dec 2020 12:24

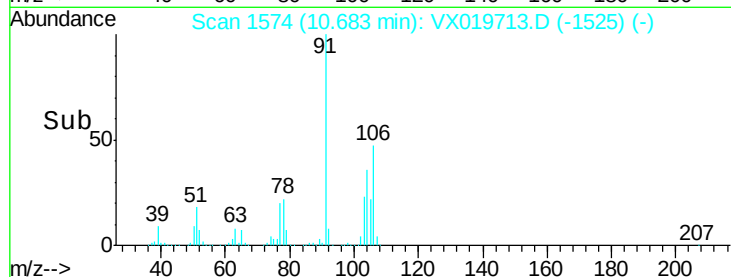
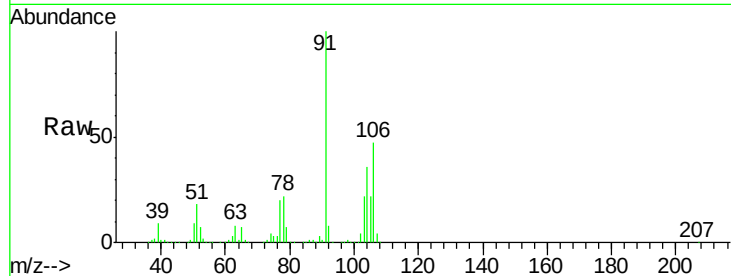
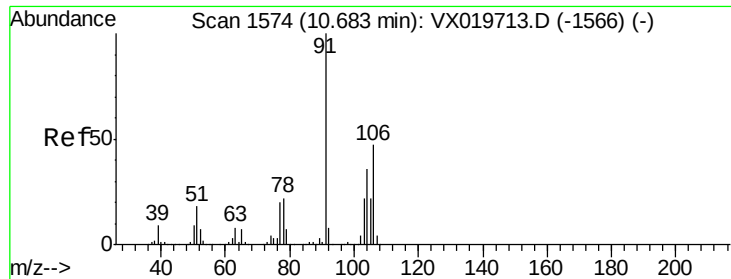
Tgt Ion: 106 Resp: 700411

Ion Ratio Lower Upper

106 100

91 203.5 162.8 244.2





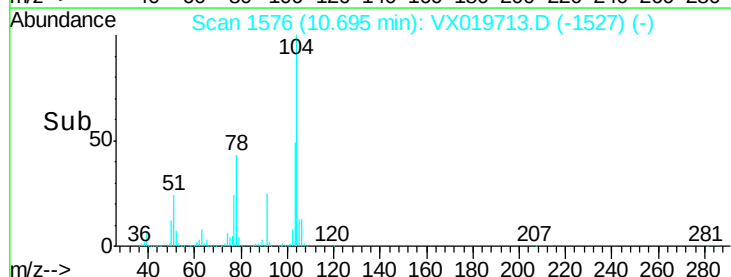
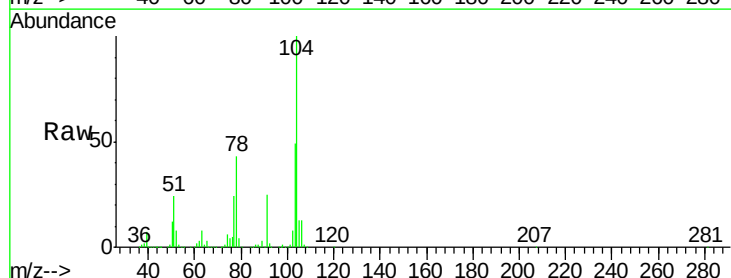
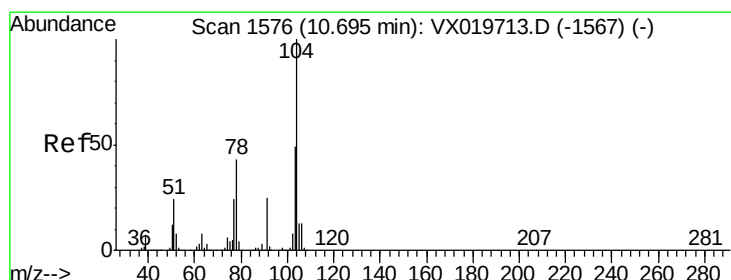
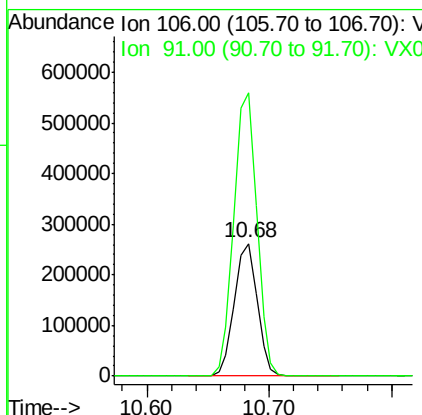
#69
o-Xylene
Concen: 49.905 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	336704		
91	91	216.1	108.1	324.2	

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

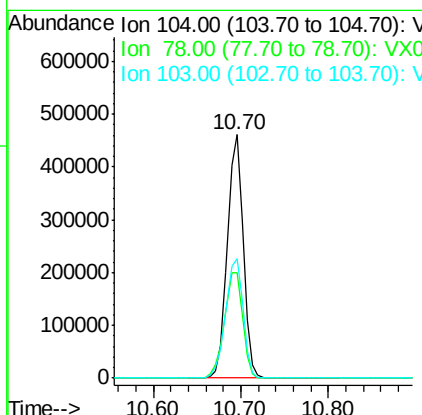
Manual Integrations
APPROVED

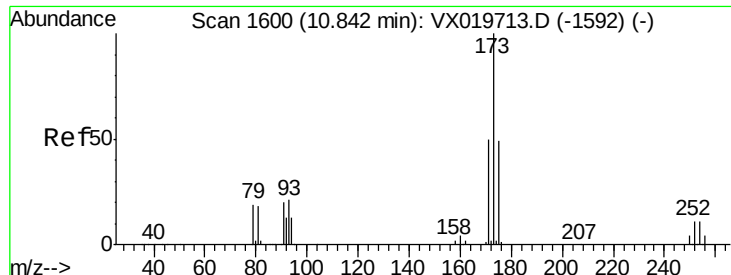
MMDadoda
12/7/2020 10:56:23 AM



#70
Styrene
Concen: 51.433 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	582034		
78	78	50.0	40.0	60.0	
103	103	54.2	43.4	65.0	





#71

Bromoform

Concen: 51.879 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:173 Resp: 153728

Ion Ratio Lower Upper

173 100

175 47.9 23.9 71.8

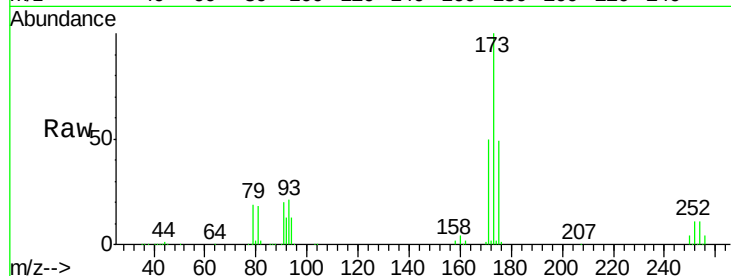
254 0.1 0.1 0.1#

Manual Integrations

APPROVED

MMDadoda

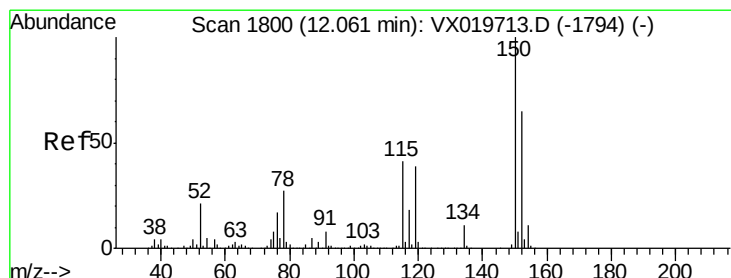
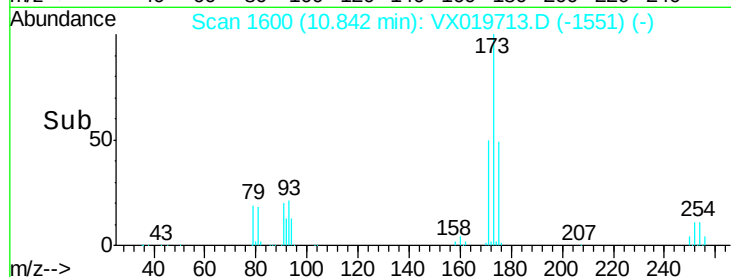
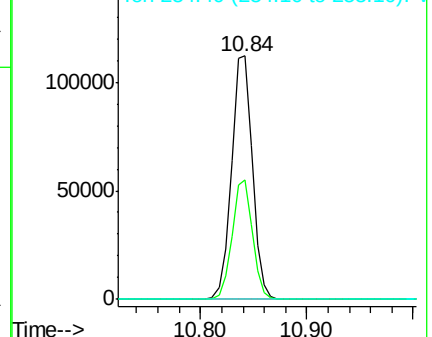
12/7/2020 10:56:23 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

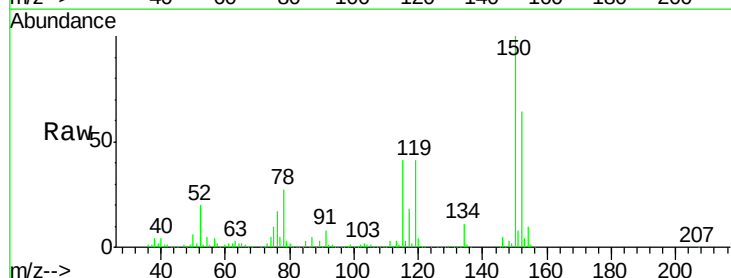
Tgt Ion:152 Resp: 262798

Ion Ratio Lower Upper

152 100

115 82.2 41.1 123.3

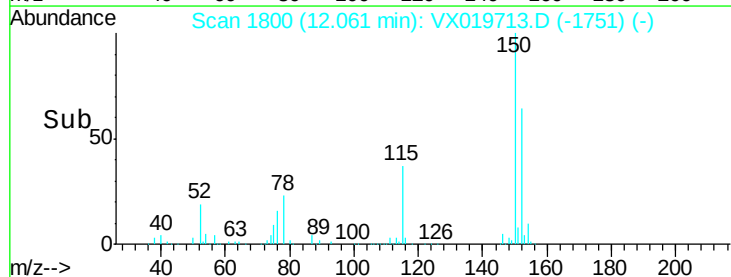
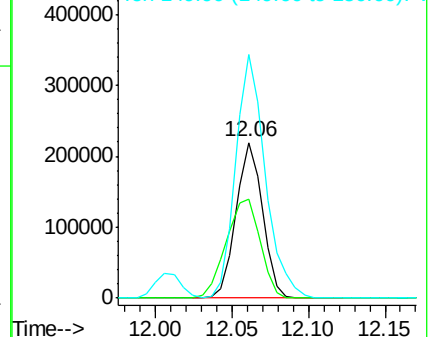
150 174.5 0.0 349.0

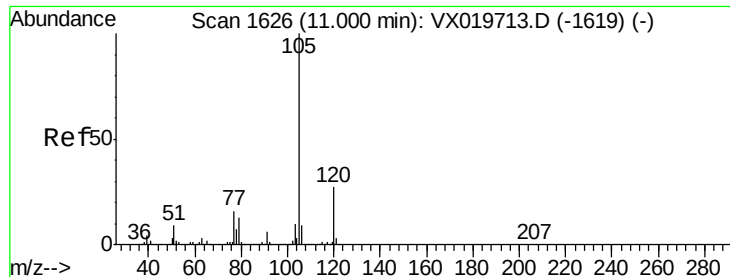


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.266 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 105 Resp: 901657

Ion Ratio Lower Upper

105 100

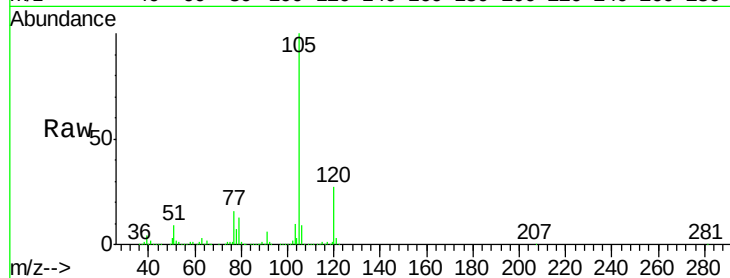
120 26.4 13.2 39.6

Manual Integrations

APPROVED

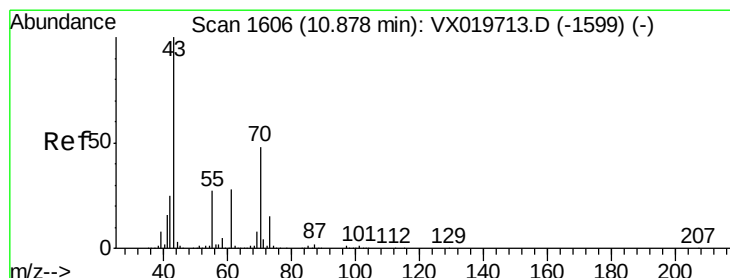
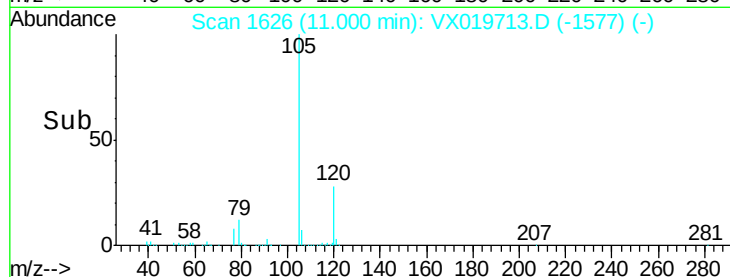
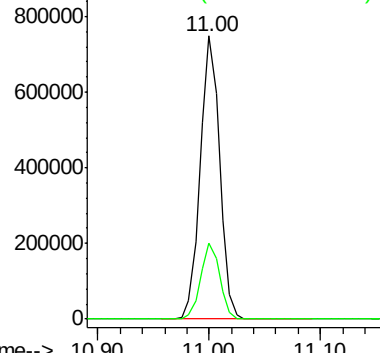
MMDadoda

12/7/2020 10:56:23 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.963 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

Tgt Ion: 43 Resp: 367128

Ion Ratio Lower Upper

43 100

70 48.8 39.0 58.6

55 26.9 21.5 32.3

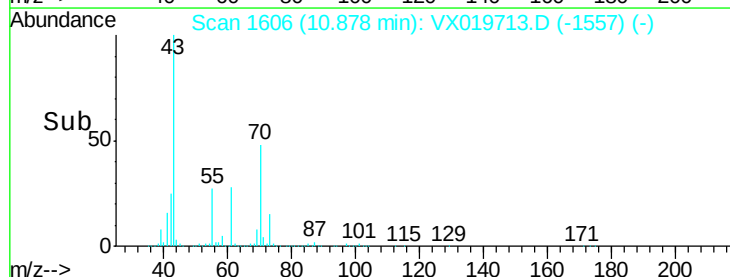
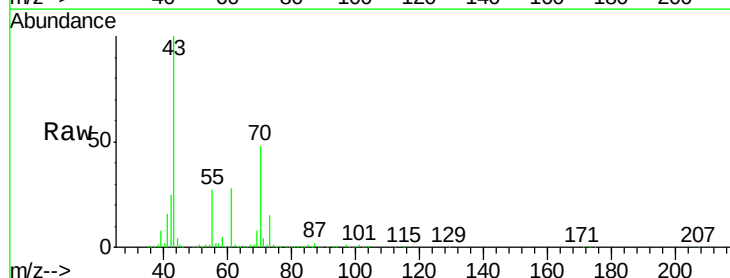
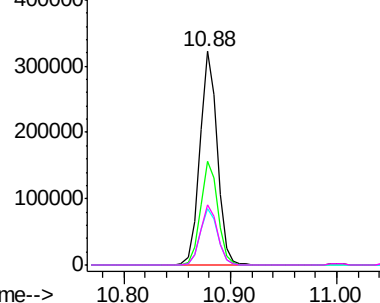
61 27.6 22.1 33.1

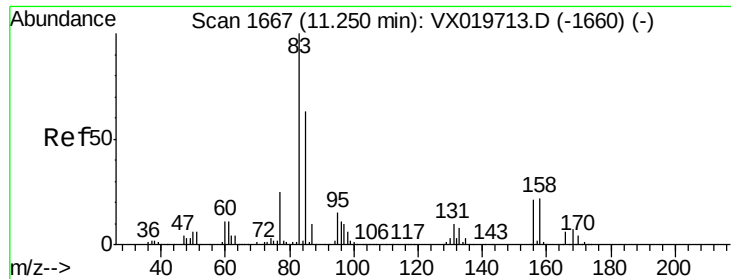
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 47.499 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

Instrument :

MSVOA_X

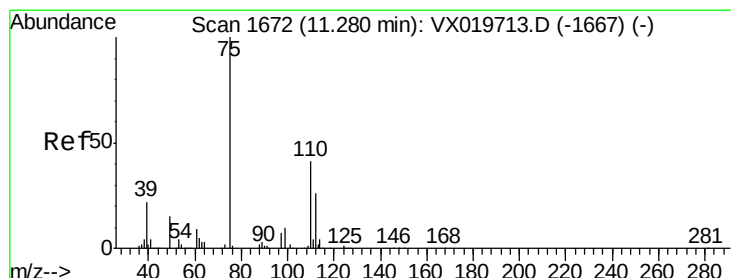
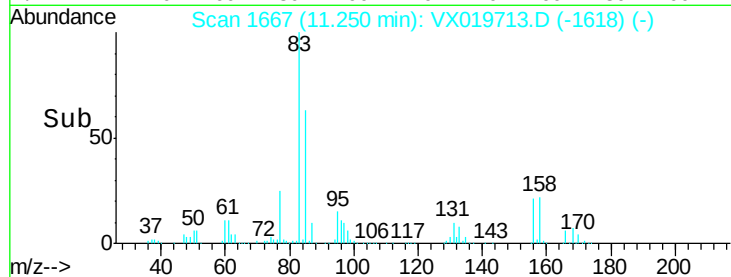
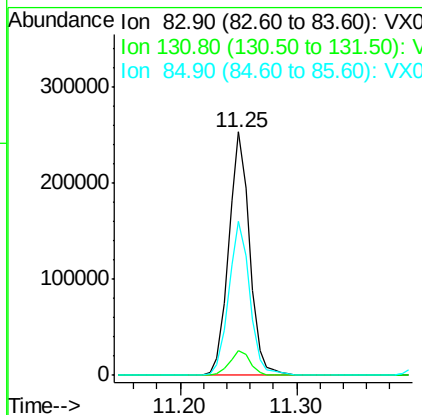
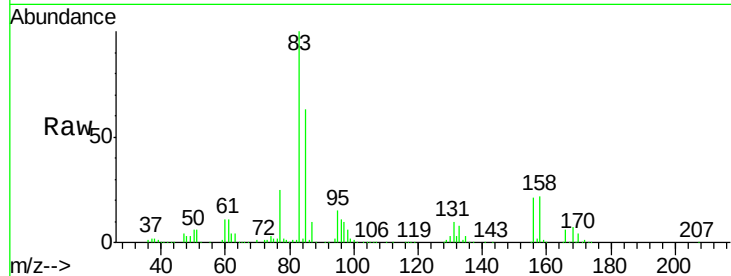
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	314794
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.1	15.2
85	63.6	31.8	95.4

Manual Integrations
APPROVED

MMDadoda
12/7/2020 10:56:23 AM



#76

1,2,3-Trichloropropane

Concen: 48.786 ug/l m

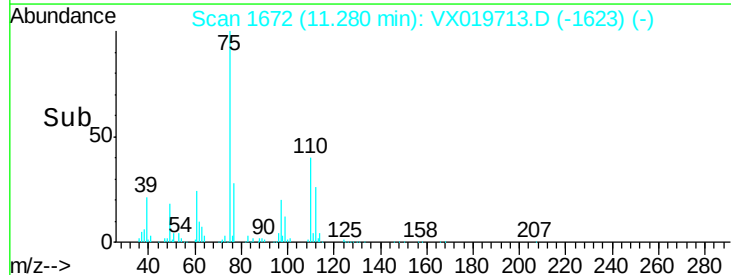
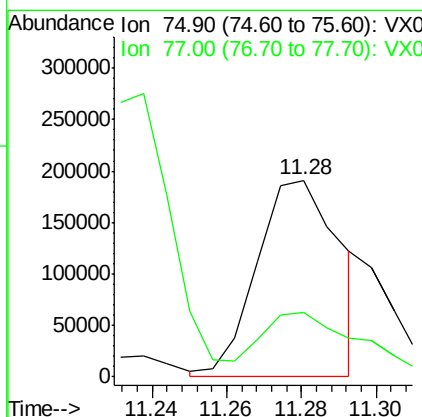
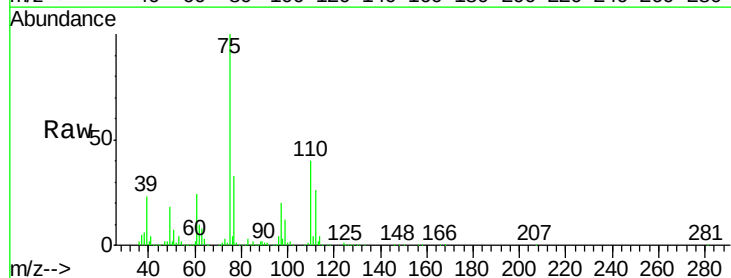
RT: 11.28 min Scan# 1672

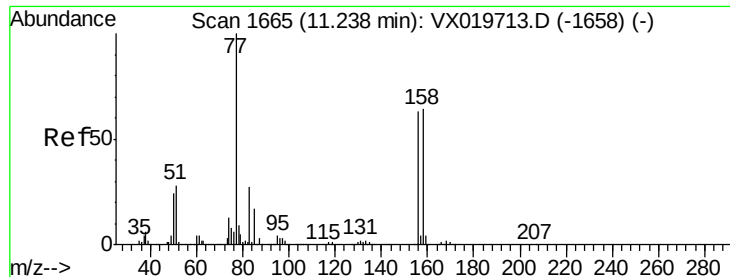
Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

Tgt Ion:	75	Resp:	293841
Ion Ratio	Lower	Upper	
75	100		
77	38.3	19.1	57.5





#77

Bromobenzene

Concen: 47.451 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019713.D

Acq: 04 Dec 2020 12:24

Instrument :

MSVOA_X

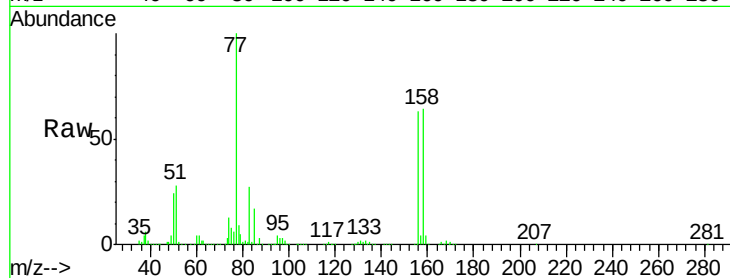
ClientSampleId :

VSTDICCC050

Tot Ion:	156	Resp:	225051
Ion Ratio	Lower	Upper	
156	100		
77	165.7	82.8	248.6
158	98.3	49.1	147.4

Manual Integrations
APPROVED

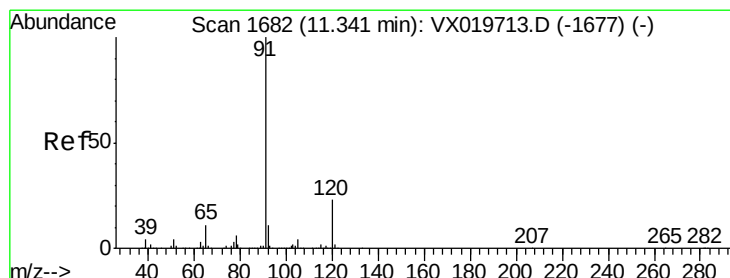
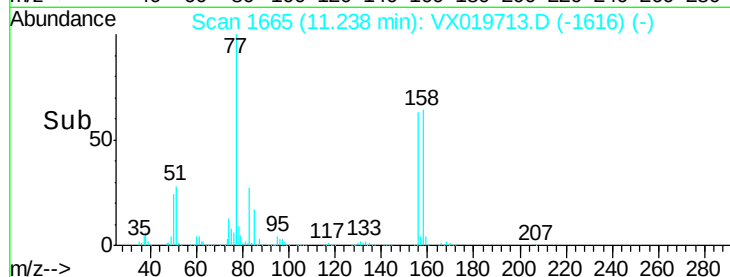
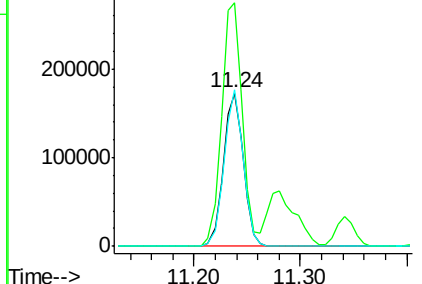
MMDadoda
12/7/2020 10:56:23 AM



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: 49.561 ug/l

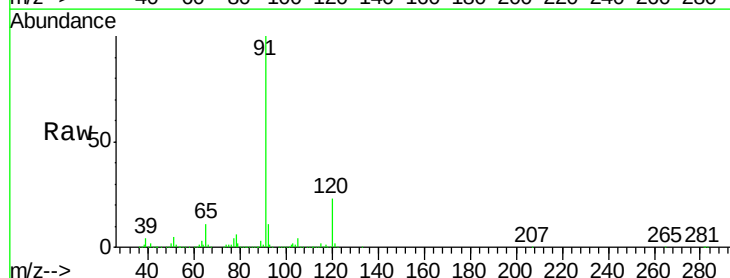
RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019713.D

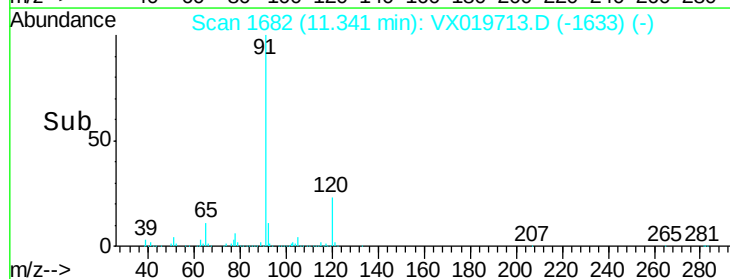
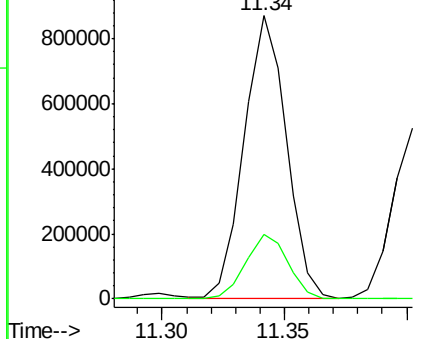
Acq: 04 Dec 2020 12:24

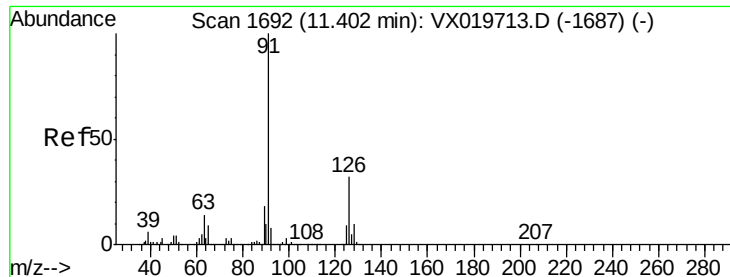
Tgt Ion:	91	Resp:	1045725
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.5	34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





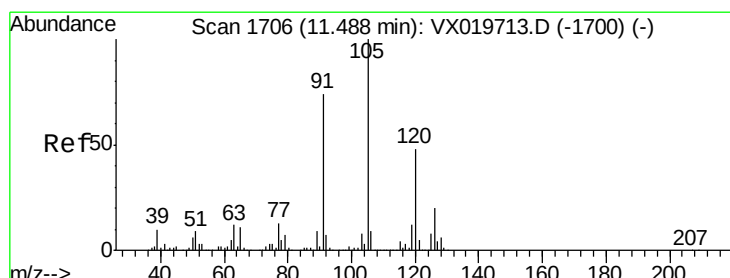
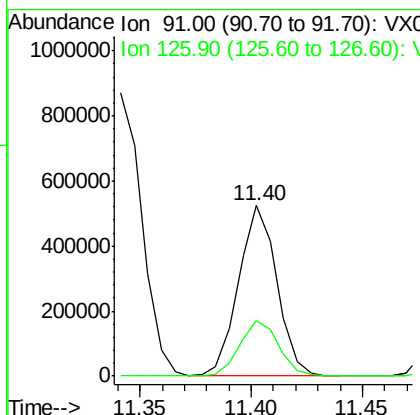
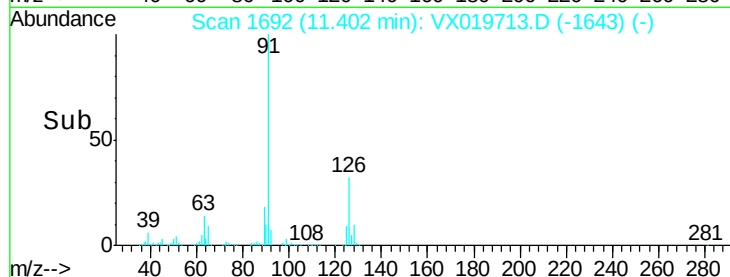
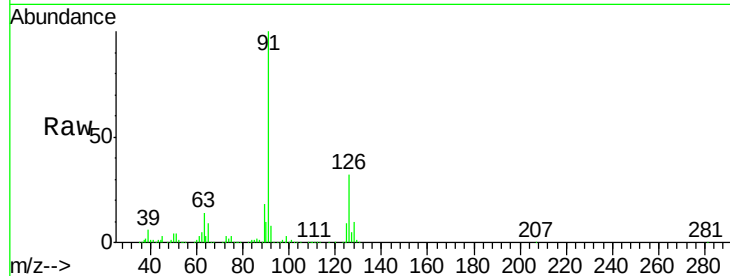
#79
 2-Chlorotoluene
 Concen: 49.061 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion: 91 Resp: 629619
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.6 49.8

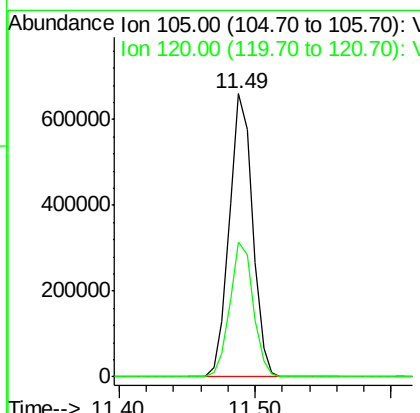
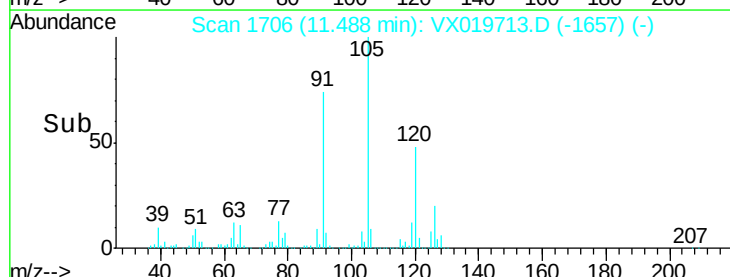
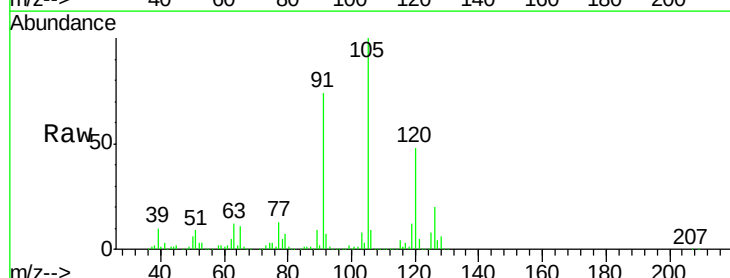
Manual Integrations
 APPROVED

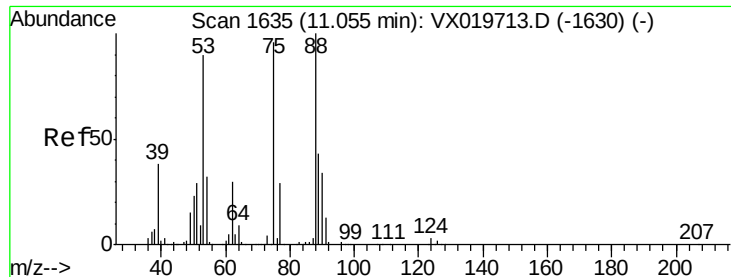
MMDadoda
 12/7/2020 10:56:23 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 50.577 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

Tgt Ion: 105 Resp: 782858
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.8 71.5





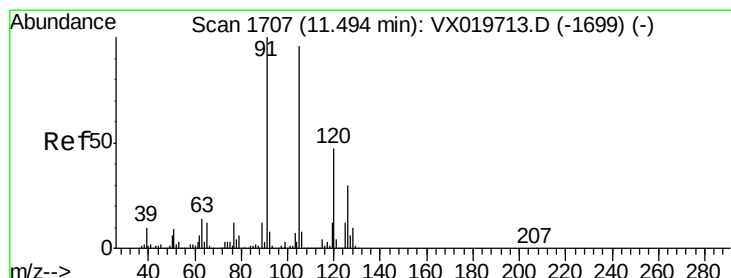
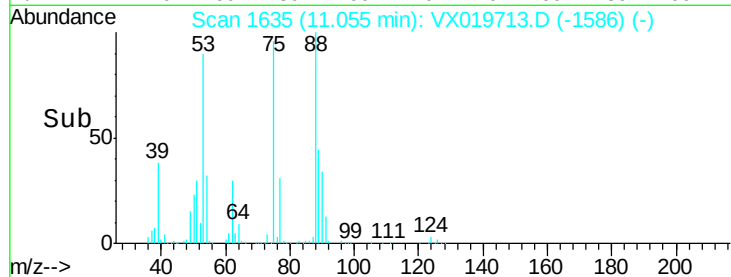
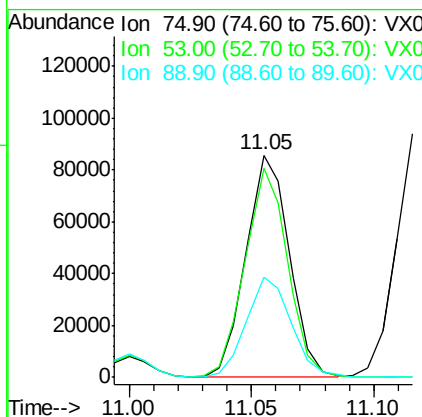
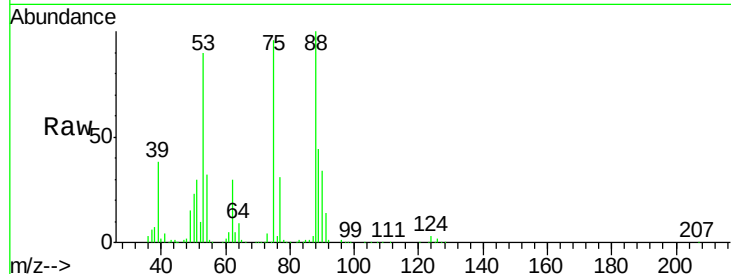
#81
trans-1,4-Dichloro-2-butene
Concen: 49.142 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.1	74.5	111.7
89	47.4	37.9	56.9

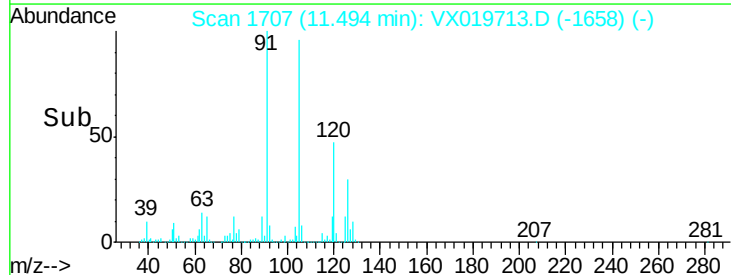
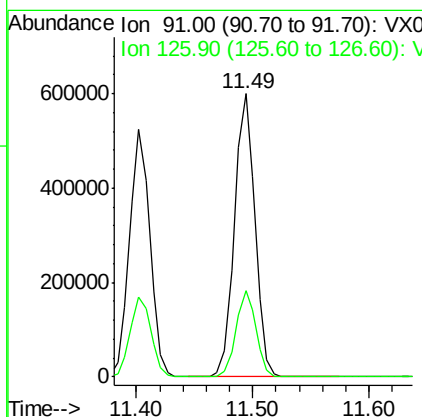
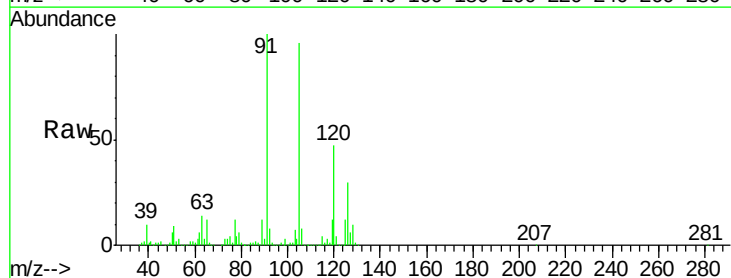
Manual Integrations
APPROVED

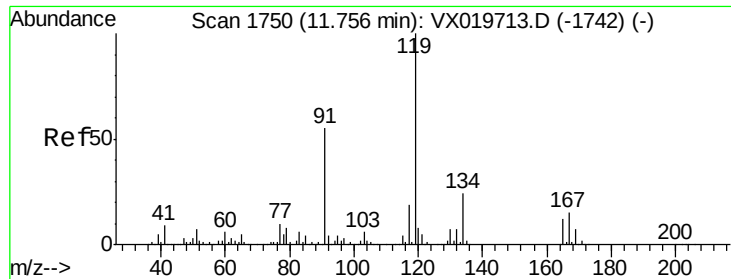
MMDadoda
12/7/2020 10:56:23 AM



#82
4-Chlorotoluene
Concen: 49.300 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.7	14.9	44.5





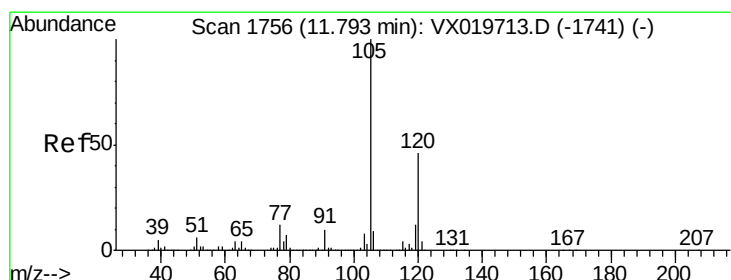
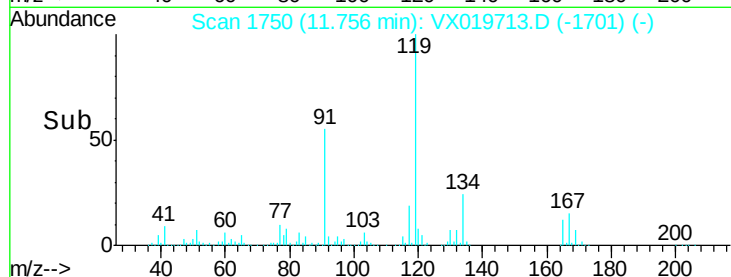
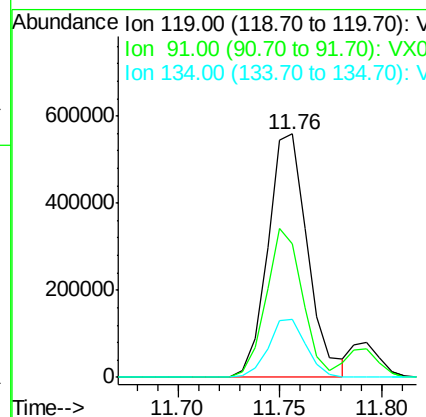
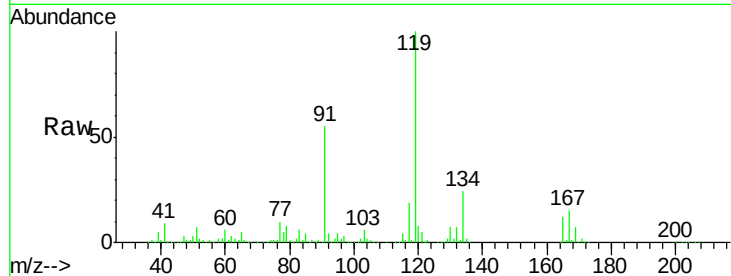
#83
tert-Butylbenzene
Concen: 49.595 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.8	27.9	83.7
134	22.6	11.3	33.9

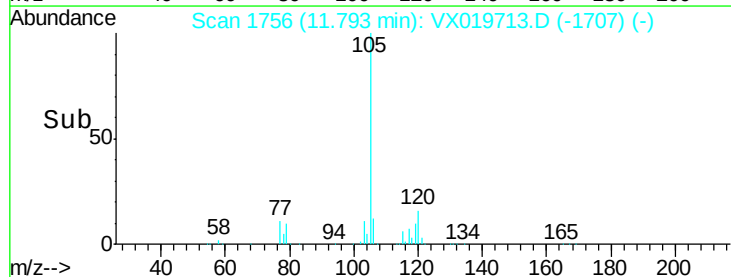
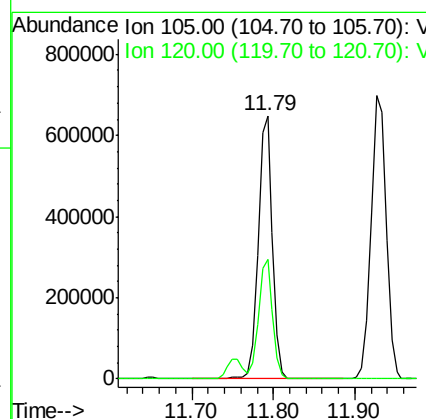
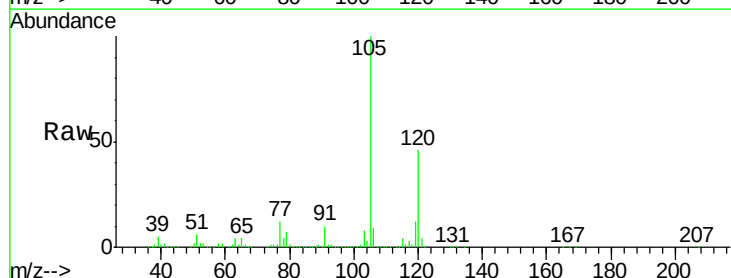
Manual Integrations
APPROVED

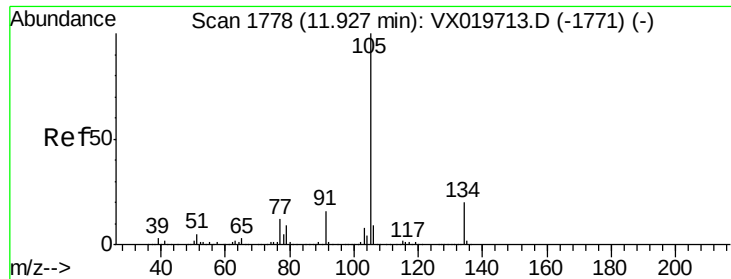
MMDadoda
12/7/2020 10:56:23 AM



#84
1,2,4-Trimethylbenzene
Concen: 50.636 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.4	67.3





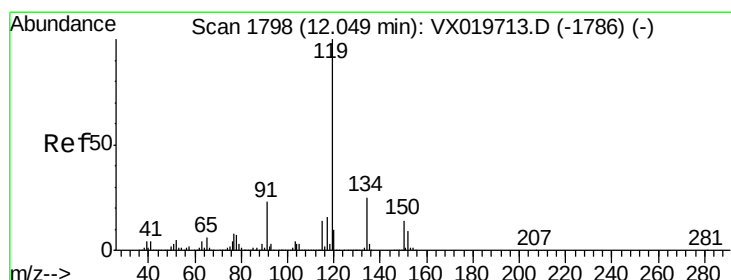
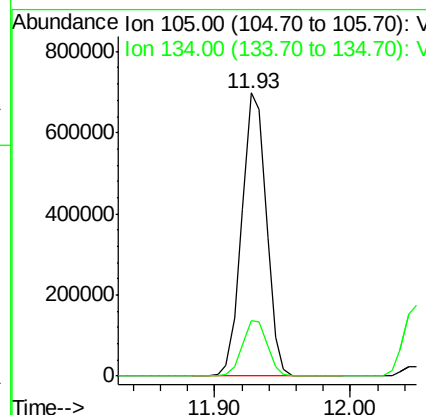
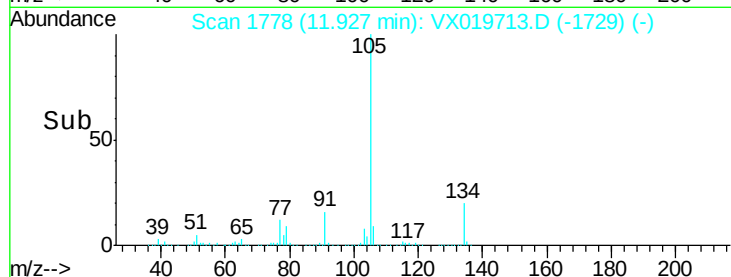
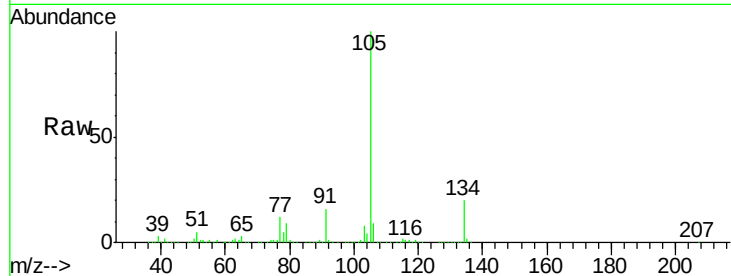
#85
 sec-Butylbenzene
 Concen: 50.348 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.9	10.0	29.8

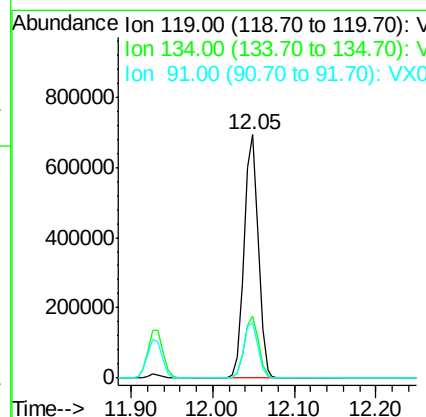
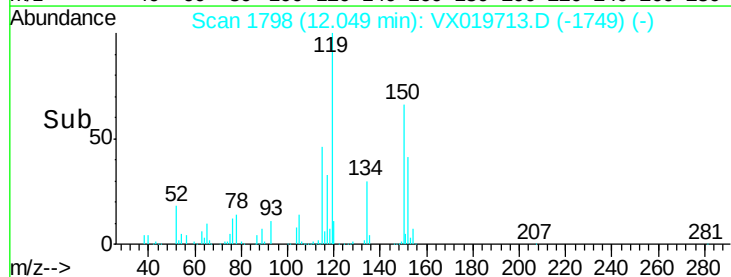
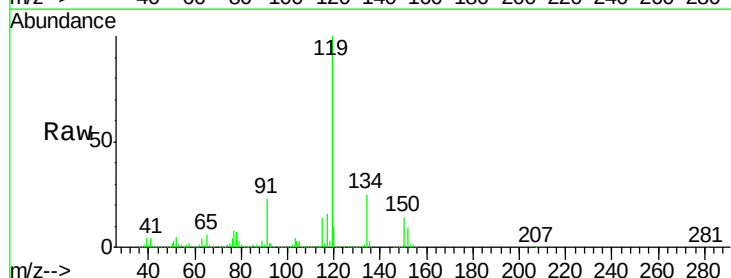
Manual Integrations
 APPROVED

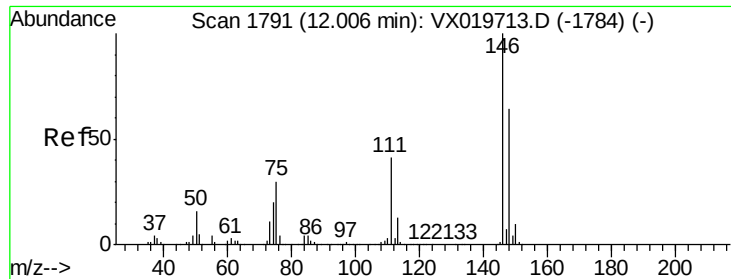
MMDadoda
 12/7/2020 10:56:23 AM



#86
 p-Isopropyltoluene
 Concen: 50.574 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.9	38.7
91	23.3	11.7	35.0





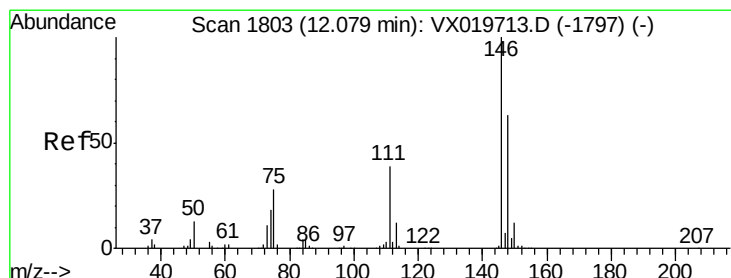
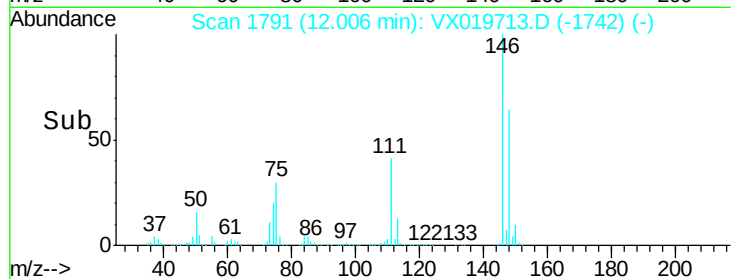
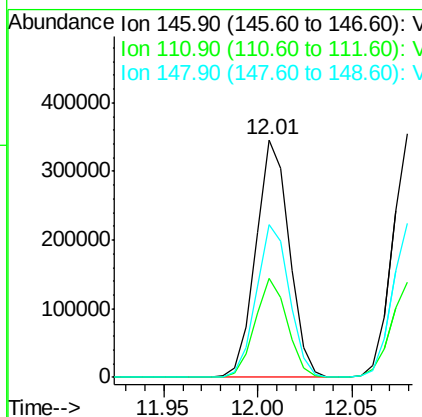
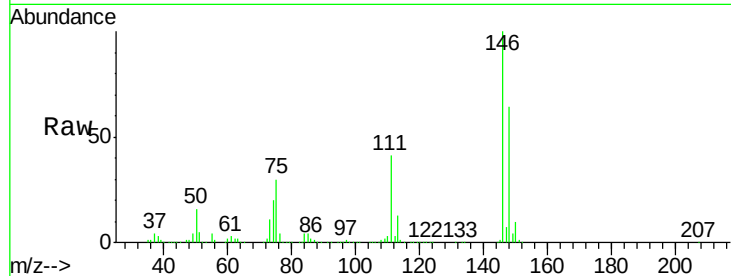
#87
 1,3-Dichlorobenzene
 Concen: 49.120 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.2	60.5
148	63.8	31.9	95.7

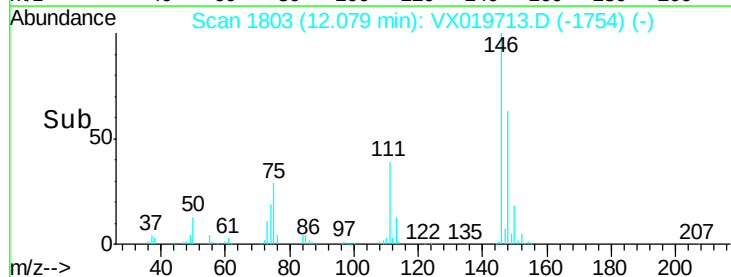
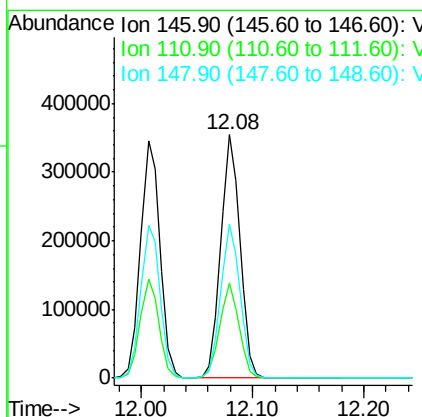
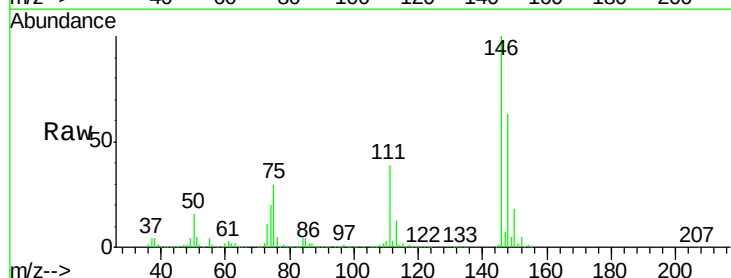
Manual Integrations
 APPROVED

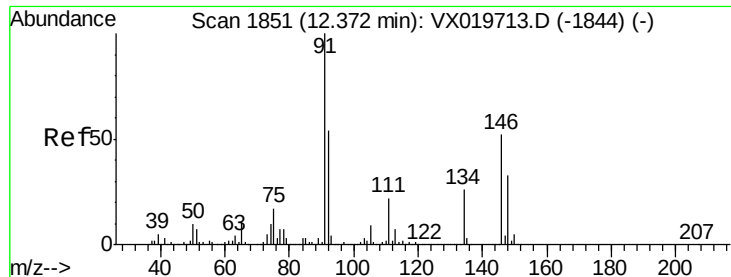
MMDadoda
 12/7/2020 10:56:23 AM



#88
 1,4-Dichlorobenzene
 Concen: 48.270 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.6	58.8
148	63.3	31.6	95.0





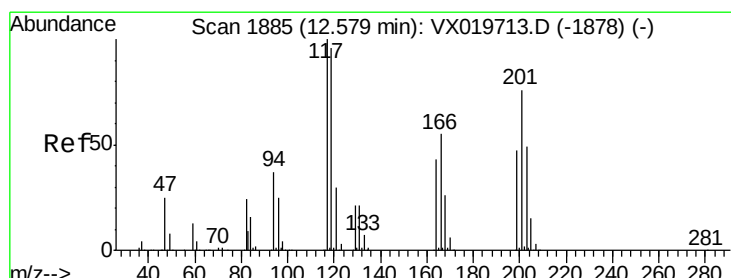
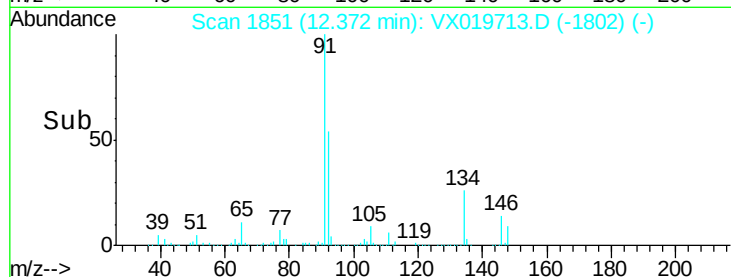
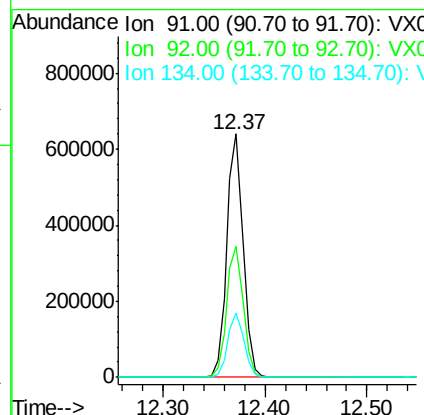
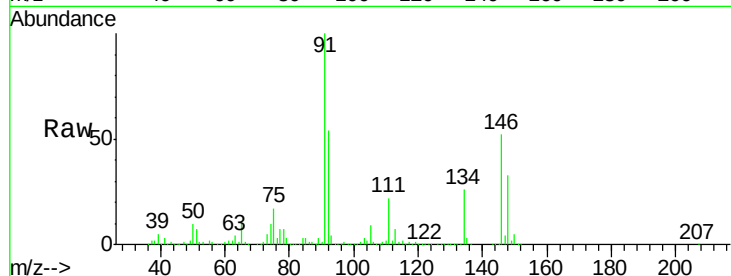
#89
n-Butylbenzene
Concen: 51.006 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.4	82.0
134	26.3	13.2	39.5

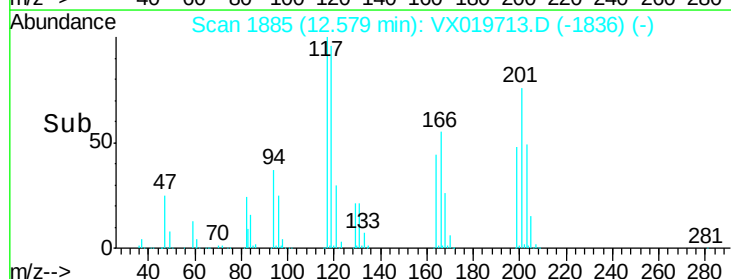
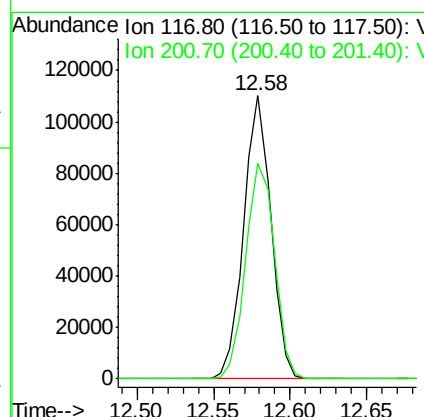
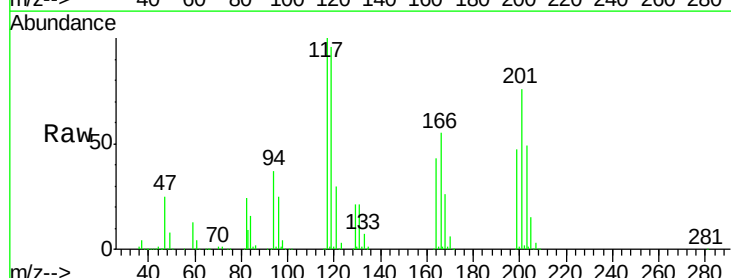
Manual Integrations
APPROVED

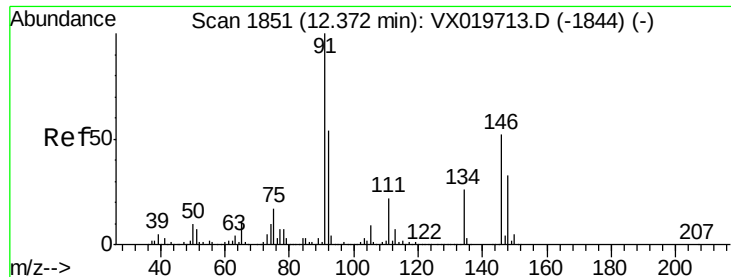
MMDadoda
12/7/2020 10:56:23 AM



#90
Hexachloroethane
Concen: 49.977 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.8	40.4	121.2





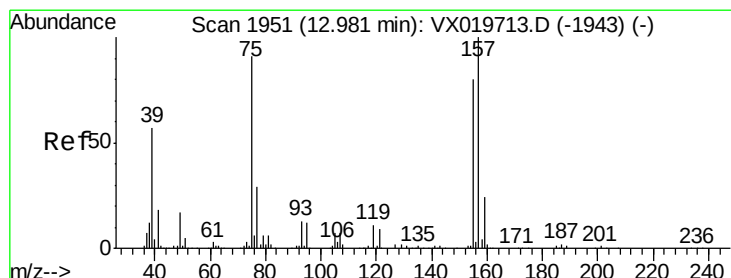
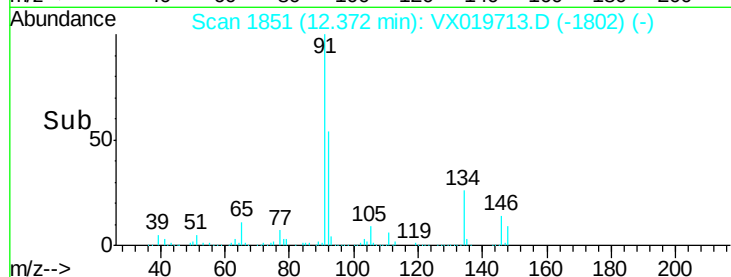
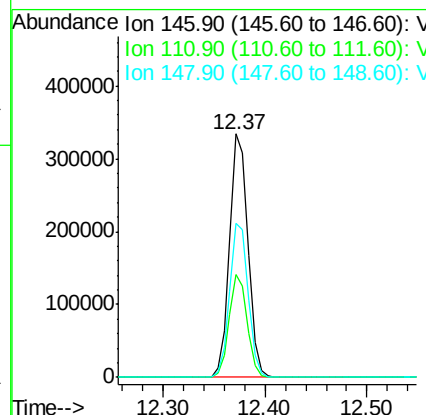
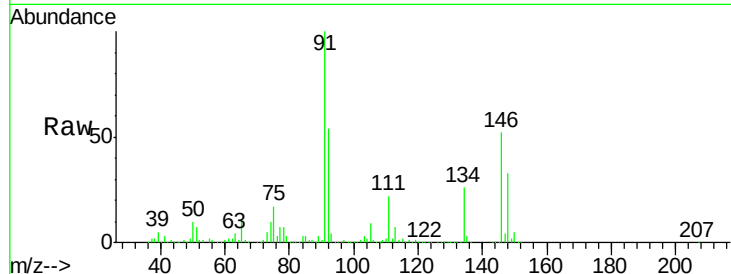
#91
 1,2-Dichlorobenzene
 Concen: 49.203 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.8	62.2
148	63.7	31.9	95.5

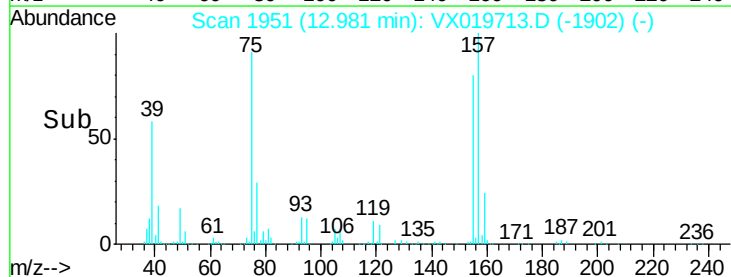
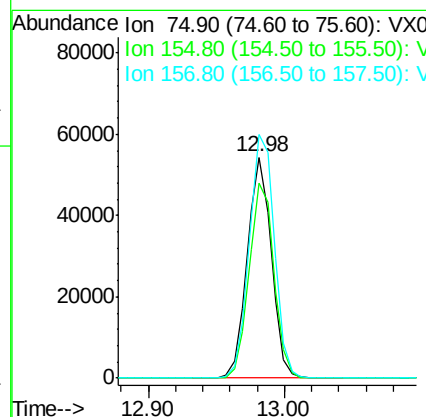
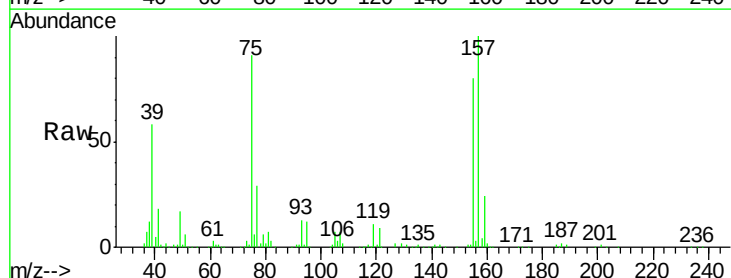
Manual Integrations
 APPROVED

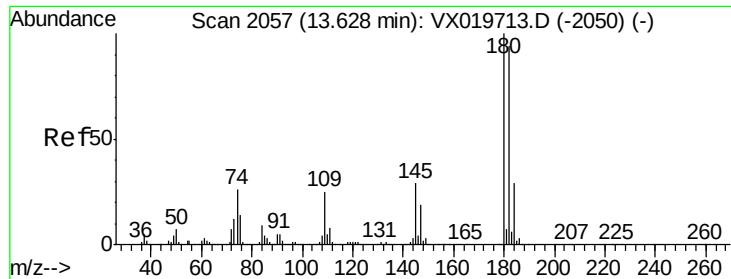
MMDadoda
 12/7/2020 10:56:23 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.062 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.6	45.3	135.9
157	115.4	57.7	173.1





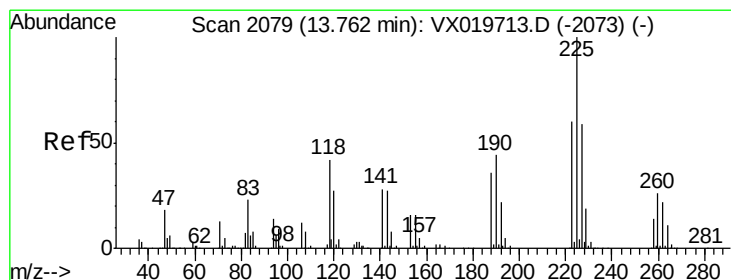
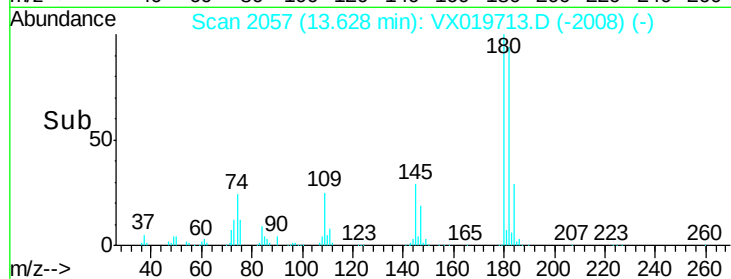
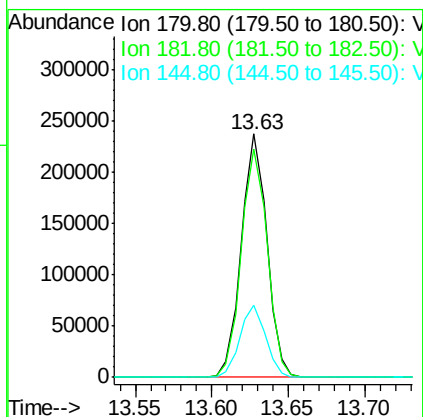
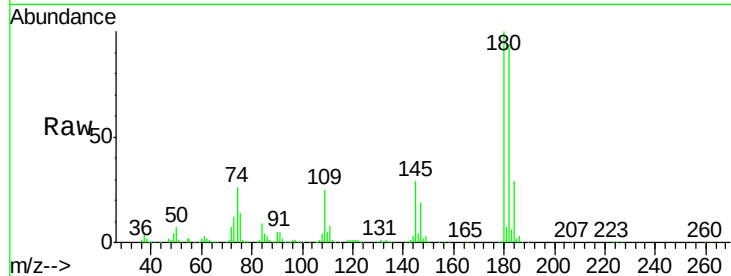
#93
 1,2,4-Trichlorobenzene
 Concen: 50.389 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	275889		
182	95.4	47.7	143.1	
145	30.0	15.0	45.0	

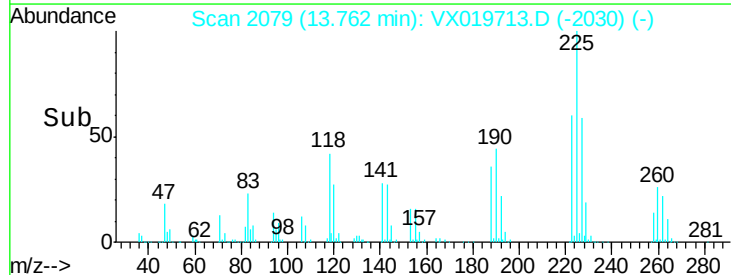
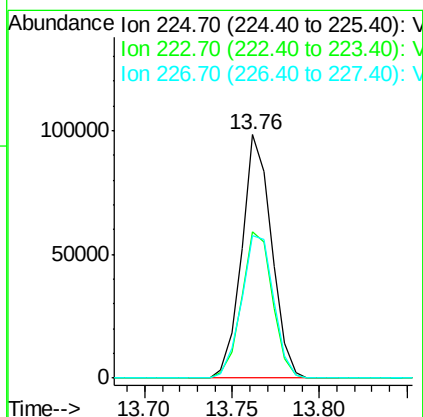
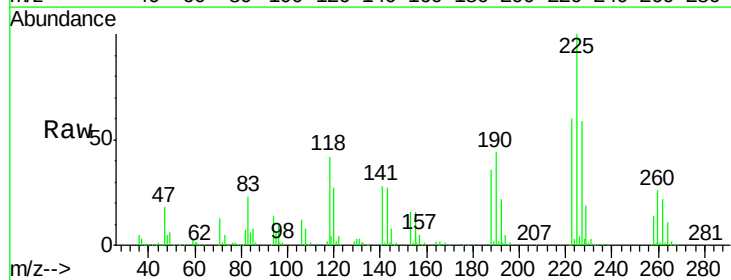
Manual Integrations
 APPROVED

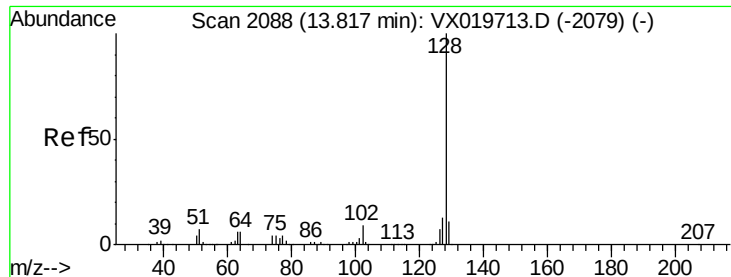
MMDadoda
 12/7/2020 10:56:23 AM



#94
 Hexachlorobutadiene
 Concen: 50.179 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX019713.D
 Acq: 04 Dec 2020 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	116574		
223	62.1	31.1	93.2	
227	63.3	31.6	95.0	





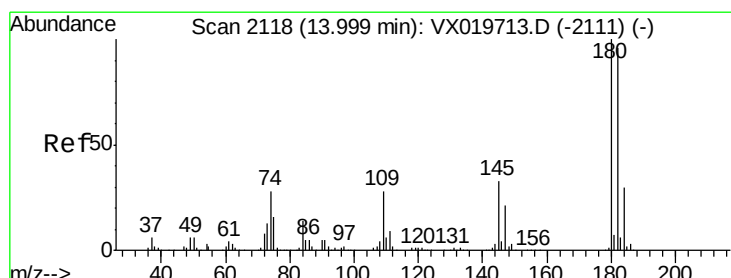
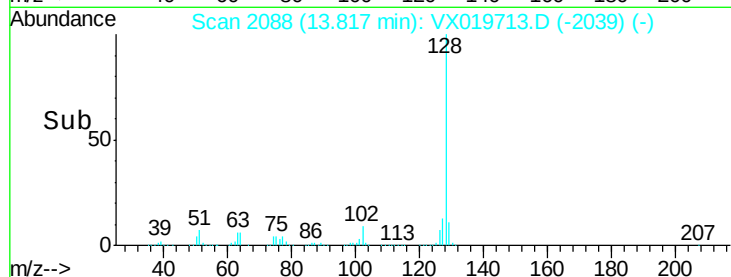
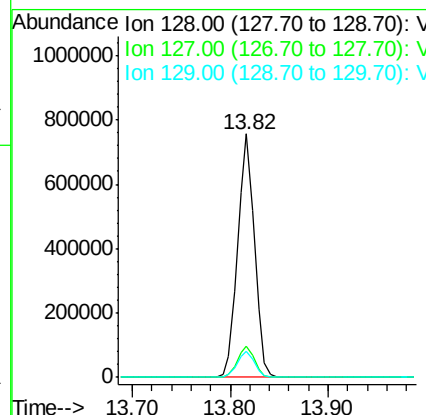
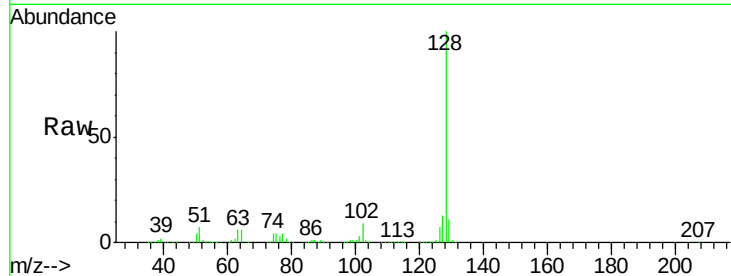
#95
Naphthalene
Concen: 50.719 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
12/7/2020 10:56:23 AM



#96
1,2,3-Trichlorobenzene
Concen: 49.592 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019713.D
Acq: 04 Dec 2020 12:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.6	142.9
145	32.2	16.1	48.3

