

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120420\
 Data File : VX019742.D
 Acq On : 05 Dec 2020 01:06
 Operator : JC/MD
 Sample : L4953-09MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ID039-39MWE2S-120320MS

Manual Integrations
 APPROVED

MMDadoda
 12/7/2020 10:53:15 AM

Quant Time: Dec 05 06:46:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	319440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	523692	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	486975	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	247722	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	209541	49.91	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.82%
35) Dibromofluoromethane	5.46	113	170978	50.52	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.04%
50) Toluene-d8	8.70	98	657581	50.89	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.78%
62) 4-Bromofluorobenzene	11.12	95	252571	51.36	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.72%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	153898	52.622	ug/l	100
3) Chloromethane	1.31	50	158093	45.964	ug/l	99
4) Vinyl Chloride	1.39	62	187664	51.746	ug/l	99
5) Bromomethane	1.62	94	56076	46.567	ug/l	99
6) Chloroethane	1.70	64	117177	53.786	ug/l	99
7) Trichlorofluoromethane	1.91	101	259990	51.476	ug/l	96
8) Diethyl Ether	2.17	74	108853	50.858	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	153126	52.894	ug/l	99
10) Methyl Iodide	2.49	142	172309	40.380	ug/l	99
11) Tert butyl alcohol	3.01	59	202453	234.396	ug/l	99
12) 1,1-Dichloroethene	2.36	96	155202	53.029	ug/l	98
13) Acrolein	2.27	56	117061	252.602	ug/l	98
14) Allyl chloride	2.70	41	246953	49.960	ug/l	99
15) Acrylonitrile	3.11	53	495961	261.311	ug/l	100
16) Acetone	2.42	43	414917	262.928	ug/l	99
17) Carbon Disulfide	2.55	76	407624	48.539	ug/l	100
18) Methyl Acetate	2.75	43	264413	68.471	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	551520	51.743	ug/l	99
20) Methylene Chloride	2.83	84	187351	52.062	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	177232	51.941	ug/l	99
22) Diisopropyl ether	3.82	45	516810	51.712	ug/l	92
23) Vinyl Acetate	3.78	43	1922481	225.788	ug/l	100
24) 1,1-Dichloroethane	3.67	63	310968	51.598	ug/l	100
25) 2-Butanone	4.63	43	635285	261.989	ug/l	99
26) 2,2-Dichloropropane	4.55	77	222672	42.904	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	257060	64.375	ug/l	96
28) Bromochloromethane	4.98	49	147993	51.512	ug/l	99
29) Tetrahydrofuran	5.09	42	404166	258.698	ug/l	99
30) Chloroform	5.17	83	320226	51.675	ug/l	99
31) Cyclohexane	5.54	56	265869	50.909	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	273219	51.197	ug/l	100
36) 1,1-Dichloropropene	5.77	75	236735	50.026	ug/l	100
37) Ethyl Acetate	4.79	43	236469	49.491	ug/l	100
38) Carbon Tetrachloride	5.75	117	232463	50.164	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120420\
 Data File : VX019742.D
 Acq On : 05 Dec 2020 01:06
 Operator : JC/MD
 Sample : L4953-09MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ID039-39MWE2S-120320MS

Manual Integrations
 APPROVED

MMDadoda
 12/7/2020 10:53:15 AM

Quant Time: Dec 05 06:46:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	272823	49.070	ug/l	99
40) Benzene	6.11	78	726690	50.270	ug/l	99
41) Methacrylonitrile	5.00	41	136414	52.000	ug/l	99
42) 1,2-Dichloroethane	6.16	62	253030	51.231	ug/l	100
43) Isopropyl Acetate	6.41	43	386436	49.747	ug/l	100
44) Trichloroethene	7.18	130	191294	50.436	ug/l	99
45) 1,2-Dichloropropane	7.49	63	183304	50.736	ug/l	97
46) Dibromomethane	7.63	93	124804	51.153	ug/l	99
47) Bromodichloromethane	7.87	83	249439	51.522	ug/l	99
48) Methyl methacrylate	7.74	41	197196	51.616	ug/l	100
49) 1,4-Dioxane	7.71	88	86677	936.560	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1230636	259.483	ug/l	100
52) Toluene	8.76	92	459161	50.786	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	269506	50.165	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	293170	50.229	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	188133	51.636	ug/l	97
56) Ethyl methacrylate	9.16	69	287504	52.156	ug/l	99
57) 1,3-Dichloropropane	9.35	76	314799	50.601	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	738299	252.820	ug/l	99
59) 2-Hexanone	9.47	43	957735	260.524	ug/l	100
60) Dibromochloromethane	9.56	129	193590	52.298	ug/l	99
61) 1,2-Dibromoethane	9.65	107	198156	51.218	ug/l	99
64) Tetrachloroethene	9.32	164	170190	52.114	ug/l	98
65) Chlorobenzene	10.12	112	485514	50.043	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	179503	51.404	ug/l	100
67) Ethyl Benzene	10.23	91	883481	51.302	ug/l	98
68) m/p-Xylenes	10.34	106	667014	102.788	ug/l	99
69) o-Xylene	10.68	106	323477	51.820	ug/l	98
70) Styrene	10.70	104	550317	52.231	ug/l	100
71) Bromoform	10.84	173	146606	53.368	ug/l #	100
73) Isopropylbenzene	11.00	105	856494	50.607	ug/l	100
74) N-amyl acetate	10.88	43	319723	47.141	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	302924	50.768	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	280563m	50.497	ug/l	
77) Bromobenzene	11.24	156	218973	50.558	ug/l	98
78) n-propylbenzene	11.34	91	973404	50.357	ug/l	100
79) 2-Chlorotoluene	11.40	91	591042	49.652	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	722778	50.602	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	94540	49.190	ug/l	99
82) 4-Chlorotoluene	11.49	91	695016	49.852	ug/l	98
83) tert-Butylbenzene	11.76	119	698257	49.845	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	739672	51.409	ug/l	99
85) sec-Butylbenzene	11.93	105	799652	49.997	ug/l	100
86) p-Isopropyltoluene	12.05	119	735501	50.177	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	391598	49.263	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	393472	48.598	ug/l	100
89) n-Butylbenzene	12.37	91	635261	48.917	ug/l	100
90) Hexachloroethane	12.58	117	127832	50.513	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	443898	57.284	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	64354	50.170	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120420\
Data File : VX019742.D
Acq On : 05 Dec 2020 01:06
Operator : JC/MD
Sample : L4953-09MS
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ID039-39MWE2S-120320MS

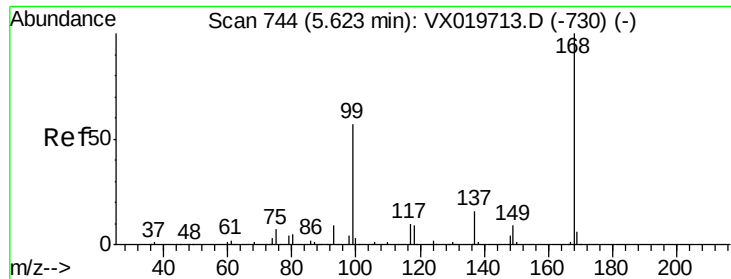
Manual Integrations
APPROVED

MMDadoda
12/7/2020 10:53:15 AM

Quant Time: Dec 05 06:46:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	237449	47.073	ug/l	98
94) Hexachlorobutadiene	13.76	225	97944	43.442	ug/l	98
95) Naphthalene	13.82	128	836930	51.177	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	244897	49.677	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019742.D

Acq: 05 Dec 2020 01:06

Instrument :

MSVOA_X

ClientSampleId :

ID039-39MWE2S-120320MS

Tot Ion:168 Resp: 319440

Ion Ratio Lower Upper

168 100

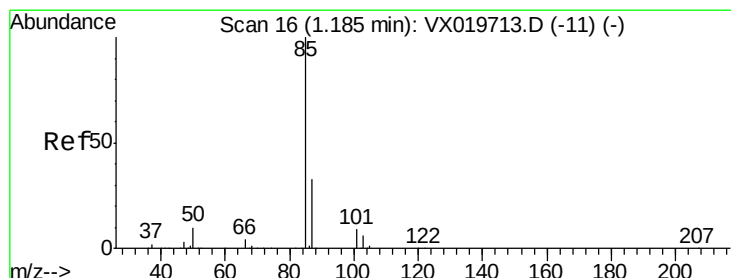
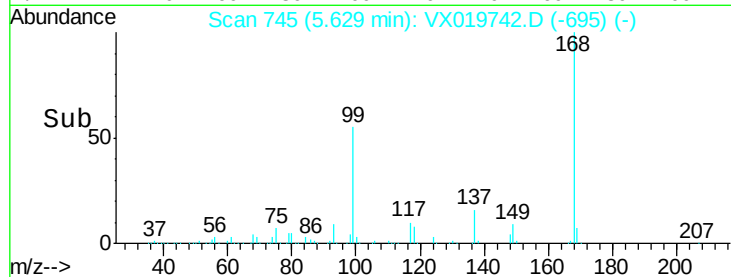
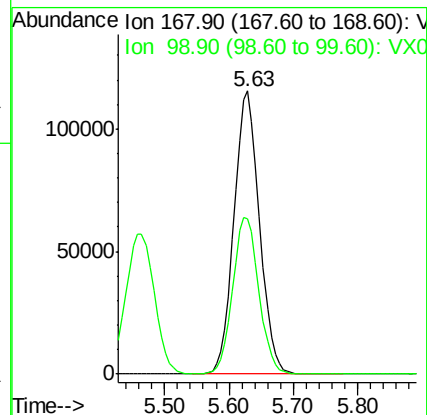
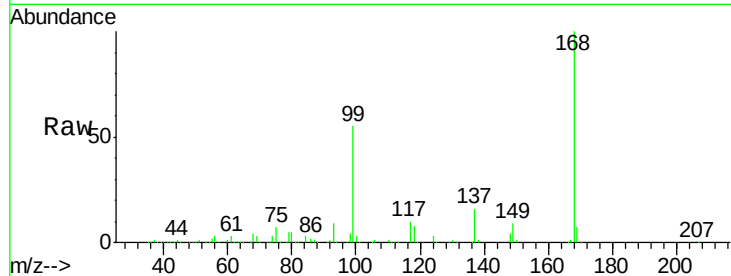
99 54.9 45.8 68.6

Manual Integrations

APPROVED

MMDadoda

12/7/2020 10:53:15 AM



#2

Dichlorodifluoromethane

Concen: 52.622 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019742.D

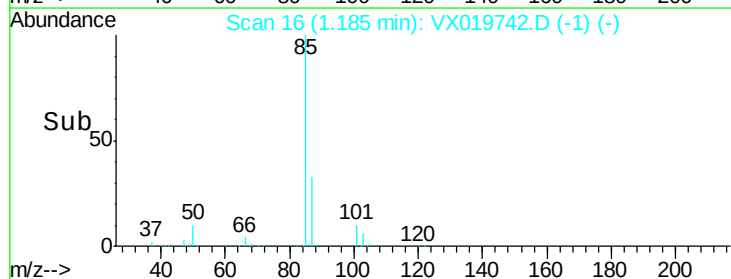
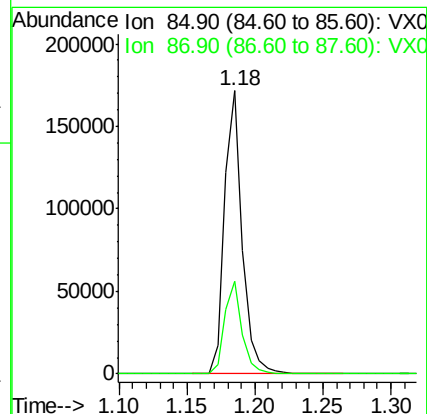
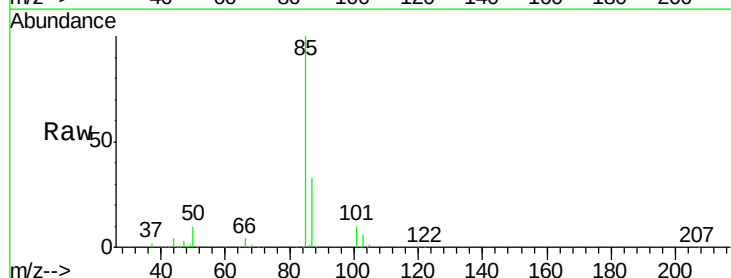
Acq: 05 Dec 2020 01:06

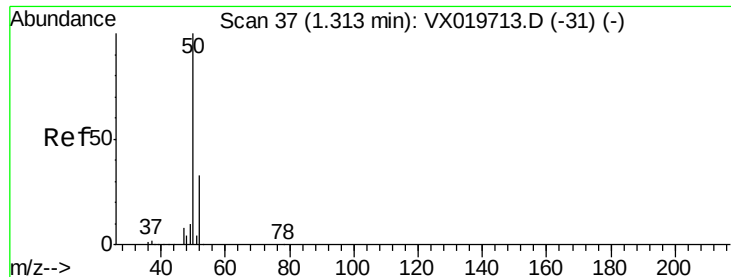
Tgt Ion: 85 Resp: 153898

Ion Ratio Lower Upper

85 100

87 32.6 16.4 49.2





#3

Chloromethane

Concen: 45.964 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019742.D

Acq: 05 Dec 2020 01:06

Instrument :

MSVOA_X

ClientSampleId :

ID039-39MWE2S-120320MS

Tot Ion: 50 Resp: 158093

Ion Ratio Lower Upper

50 100

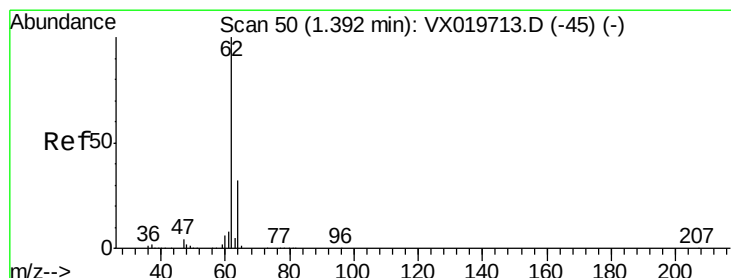
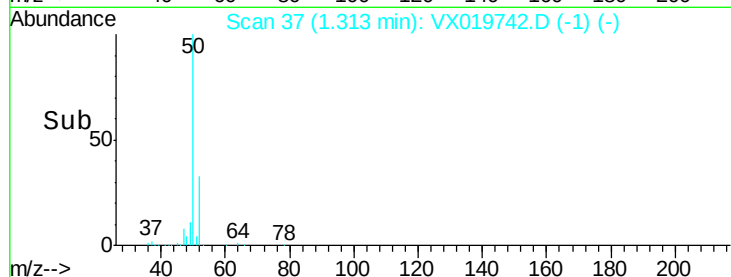
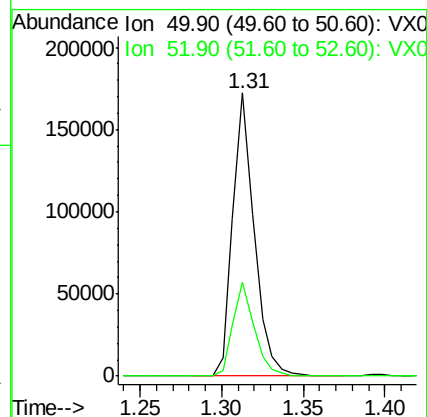
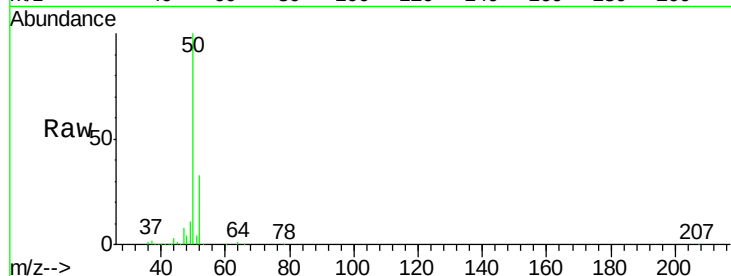
52 33.3 26.4 39.6

Manual Integrations

APPROVED

MMDadoda

12/7/2020 10:53:15 AM



#4

Vinyl Chloride

Concen: 51.746 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019742.D

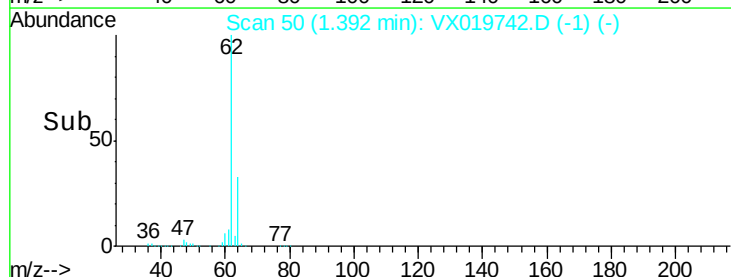
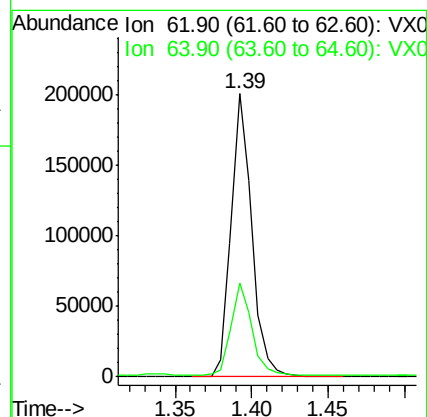
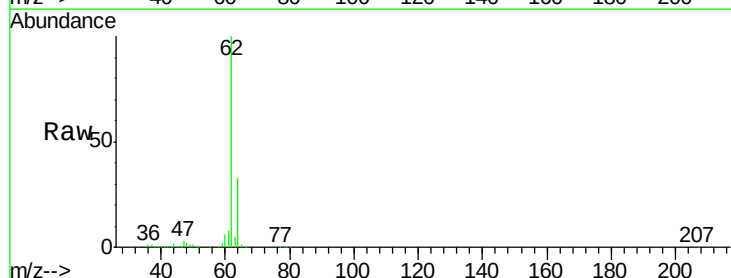
Acq: 05 Dec 2020 01:06

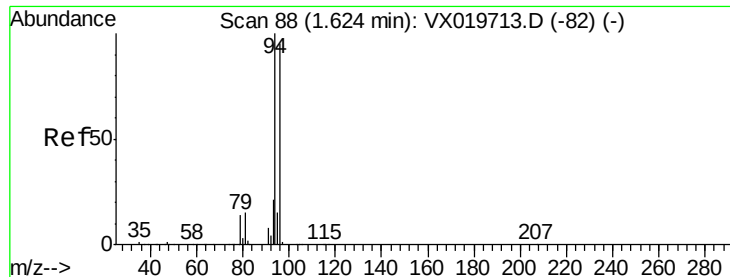
Tgt Ion: 62 Resp: 187664

Ion Ratio Lower Upper

62 100

64 32.9 25.7 38.5





#5

Bromomethane

Concen: 46.567 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019742.D

Acq: 05 Dec 2020 01:06

Instrument :

MSVOA_X

ClientSampleId :

ID039-39MWE2S-120320MS

Tot Ion: 94 Resp: 56076

Ion Ratio Lower Upper

94 100

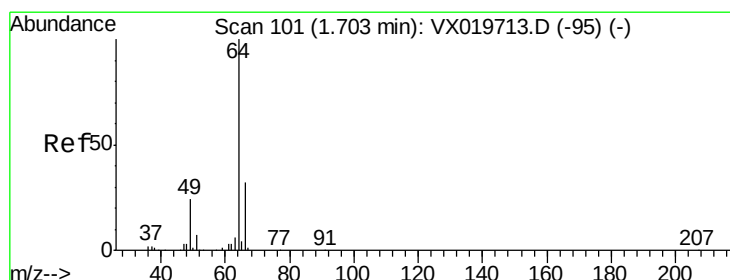
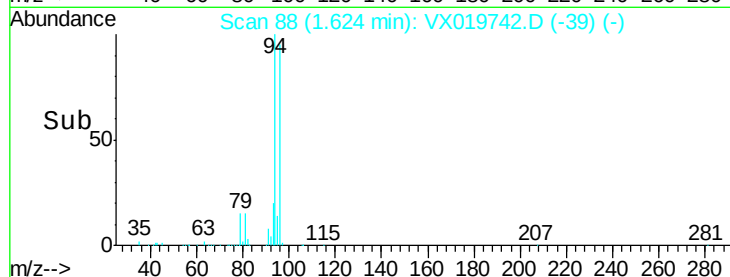
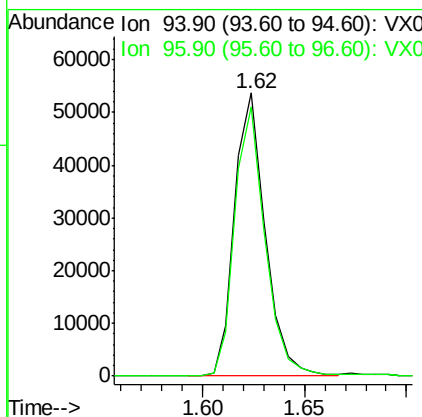
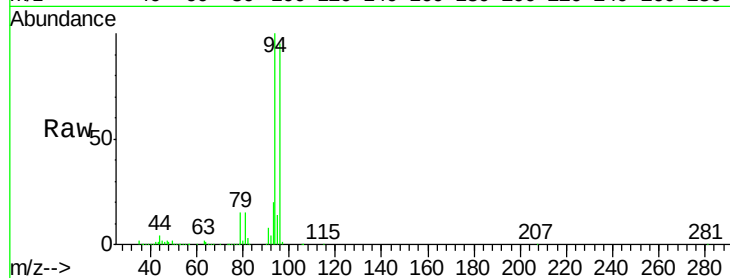
96 94.9 76.4 114.6

Manual Integrations

APPROVED

MMDadoda

12/7/2020 10:53:15 AM



#6

Chloroethane

Concen: 53.786 ug/l

RT: 1.70 min Scan# 101

Delta R.T. 0.00 min

Lab File: VX019742.D

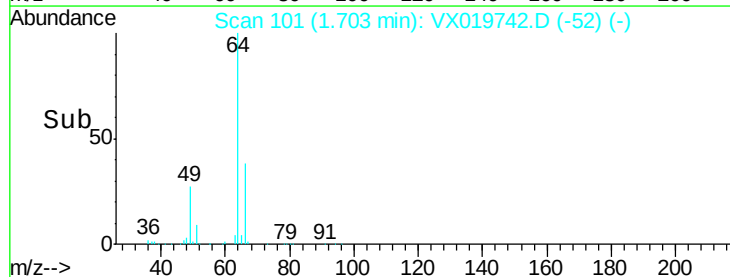
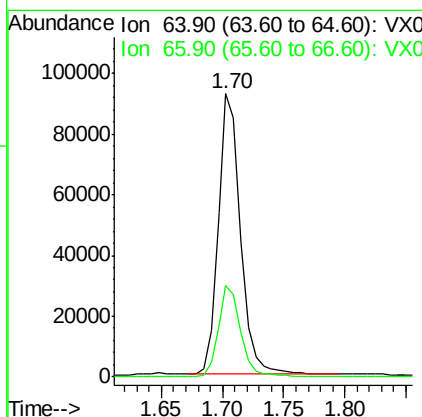
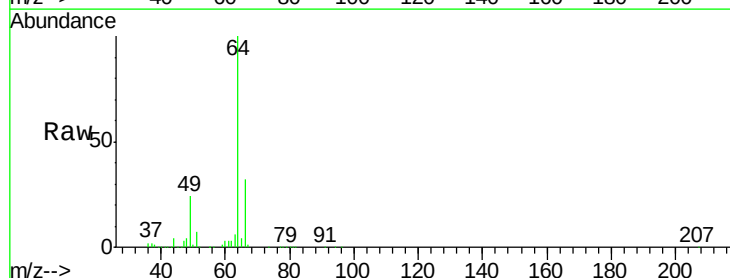
Acq: 05 Dec 2020 01:06

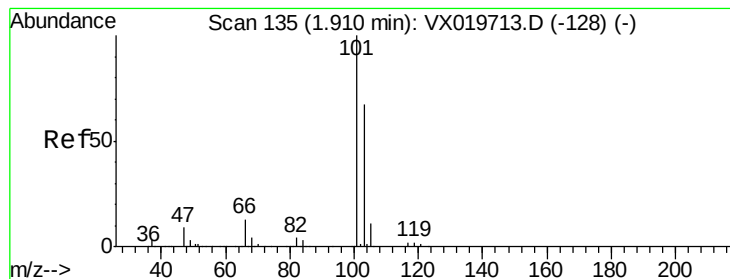
Tgt Ion: 64 Resp: 117177

Ion Ratio Lower Upper

64 100

66 32.4 25.4 38.0





#7

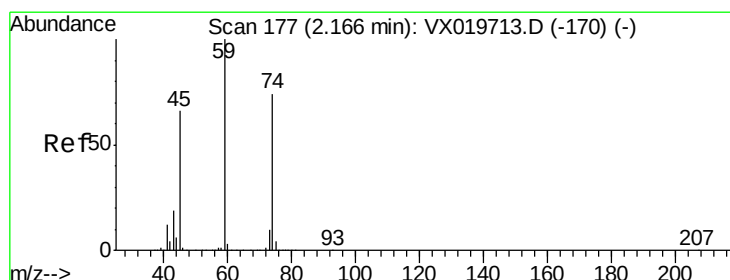
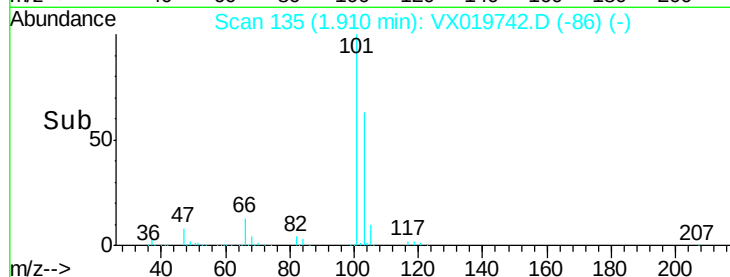
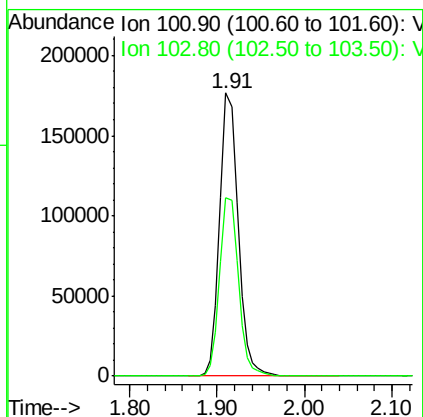
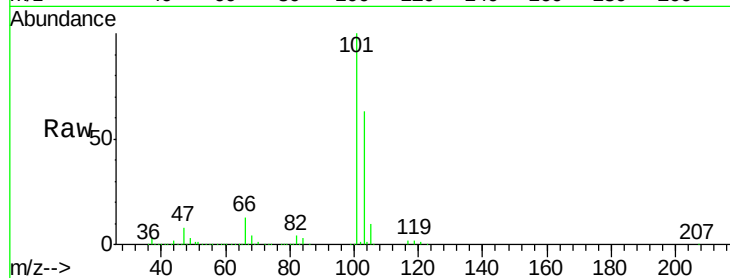
Trichlorofluoromethane
Concen: 51.476 ug/l
RT: 1.91 min Scan# 135
Delta R.T. 0.00 min
Lab File: VX019742.D
Acq: 05 Dec 2020 01:06

Instrument :
MSVOA_X
ClientSampleId :
ID039-39MWE2S-120320MS

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.2	53.2	79.8

Manual Integrations
APPROVED

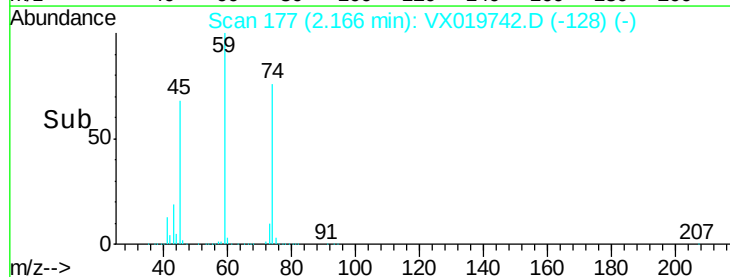
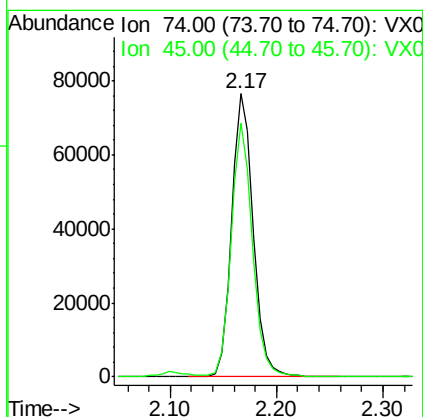
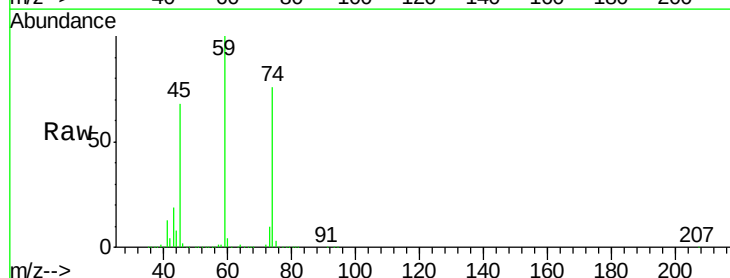
MMDadoda
12/7/2020 10:53:15 AM

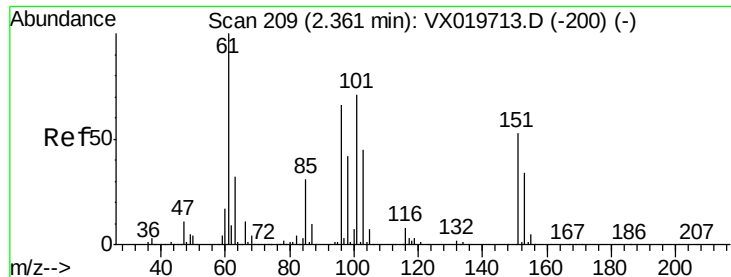


#8

Diethyl Ether
Concen: 50.858 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX019742.D
Acq: 05 Dec 2020 01:06

Tgt Ion	Ratio	Lower	Upper
74	100		
45	87.4	44.5	133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.894 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX019742.D

Acq: 05 Dec 2020 01:06

Instrument :

MSVOA_X

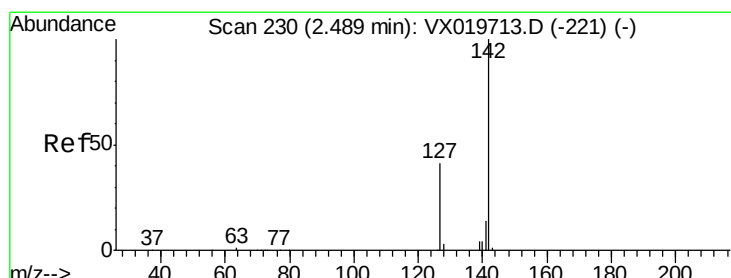
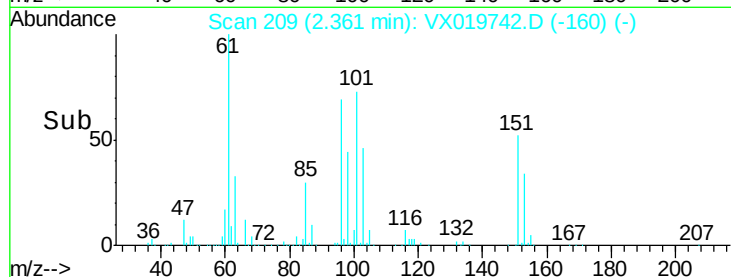
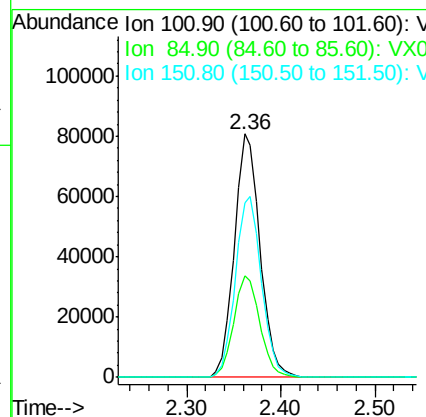
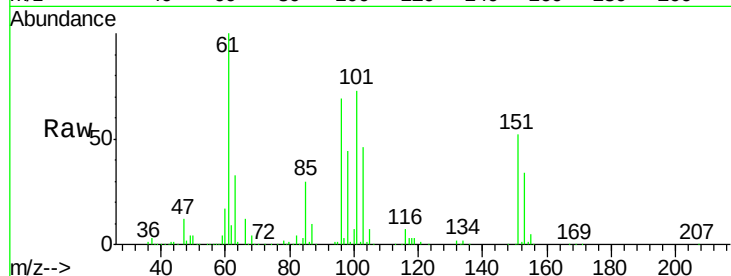
ClientSampleId :

ID039-39MWE2S-120320MS

Tot Ion:	101	Resp:	153126
Ion Ratio	Lower	Upper	
101	100		
85	42.5	34.9	52.3
151	75.9	61.4	92.2

Manual Integrations
APPROVED

MMDadoda
12/7/2020 10:53:15 AM



#10

Methyl Iodide

Concen: 40.380 ug/l

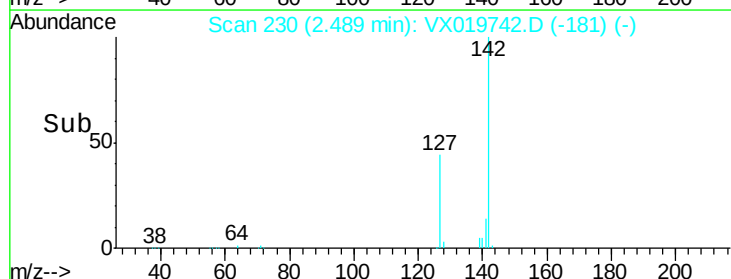
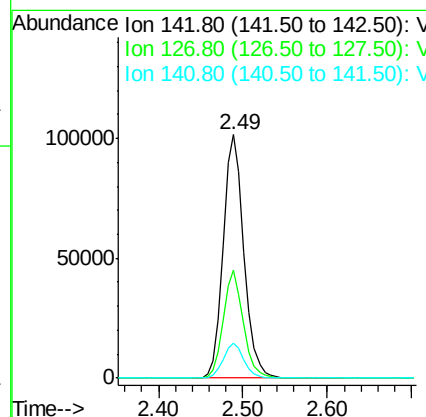
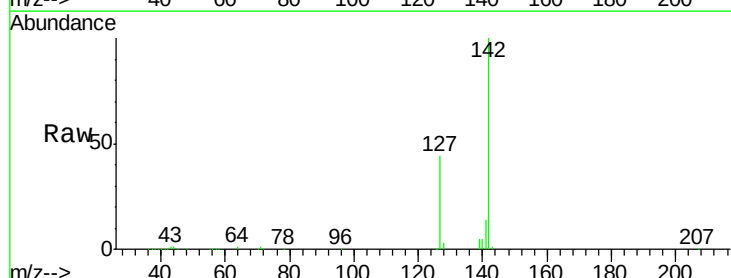
RT: 2.49 min Scan# 230

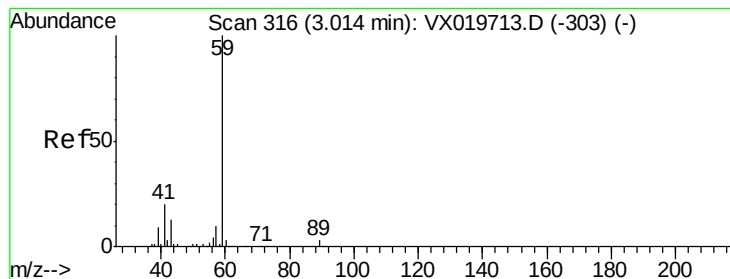
Delta R.T. 0.00 min

Lab File: VX019742.D

Acq: 05 Dec 2020 01:06

Tgt Ion:	142	Resp:	172309
Ion Ratio	Lower	Upper	
142	100		
127	42.7	33.3	49.9
141	14.2	11.4	17.0





#11

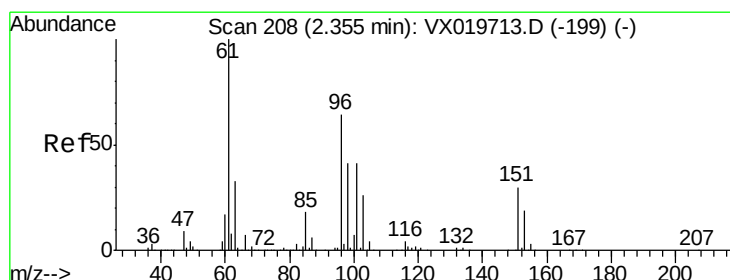
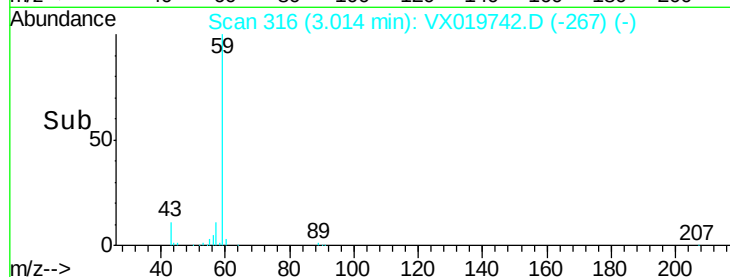
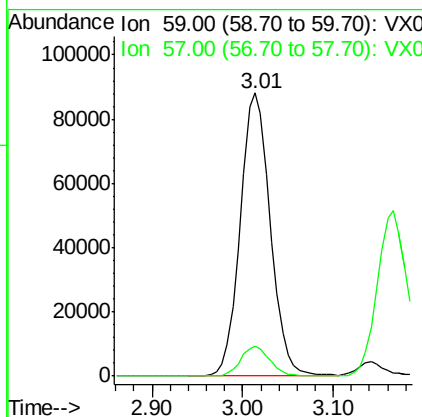
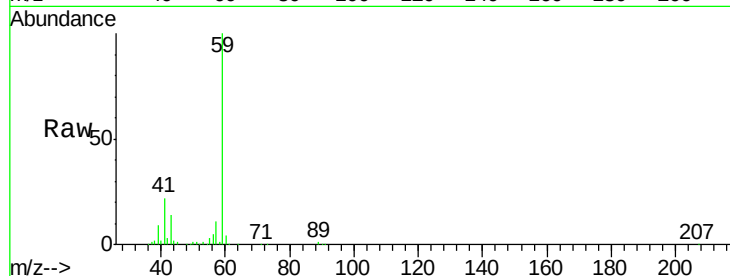
Tert butyl alcohol
Concen: 234.396 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX019742.D
Acq: 05 Dec 2020 01:06

Instrument :
MSVOA_X
ClientSampleId :
ID039-39MWE2S-120320MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	7.8	11.8

Manual Integrations
APPROVED

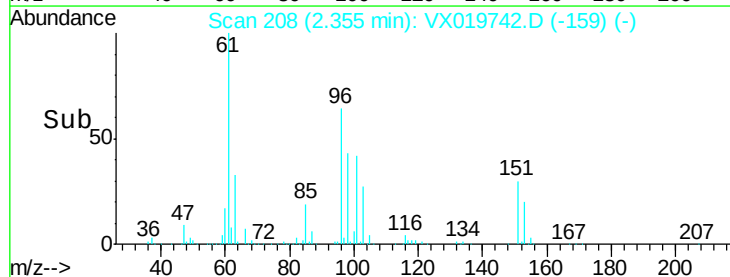
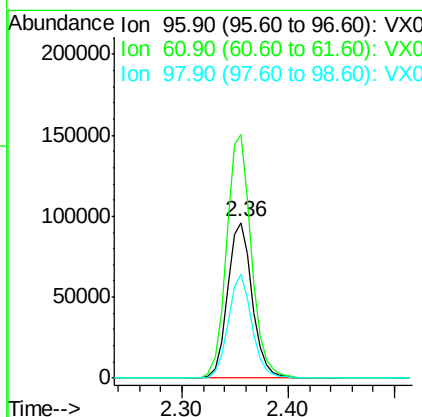
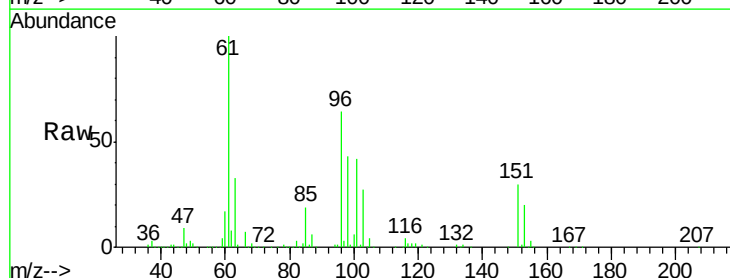
MMDadoda
12/7/2020 10:53:15 AM

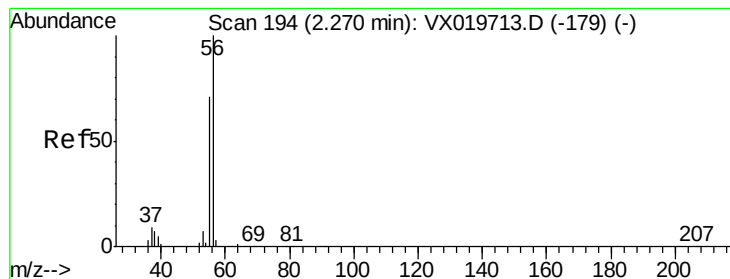


#12

1,1-Dichloroethene
Concen: 53.029 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX019742.D
Acq: 05 Dec 2020 01:06

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.6	124.6	187.0
98	67.0	50.6	76.0





#13

Acrolein

Concen: 252.602 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019742.D

Acq: 05 Dec 2020 01:06

Instrument :

MSVOA_X

ClientSampleId :

ID039-39MWE2S-120320MS

Tot Ion: 56 Resp: 117061

Ion Ratio Lower Upper

56 100

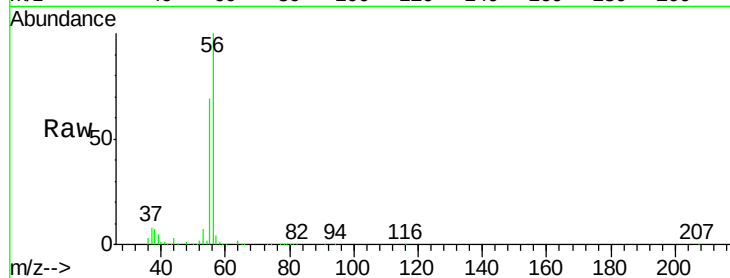
55 68.4 56.4 84.6

Manual Integrations

APPROVED

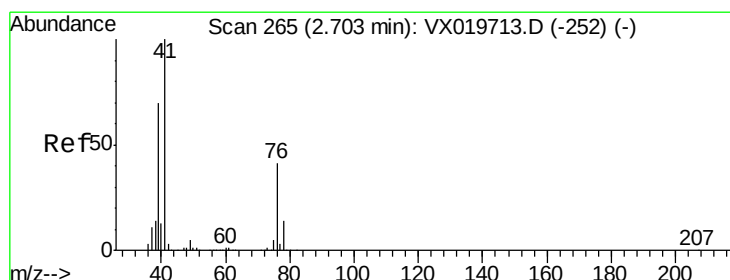
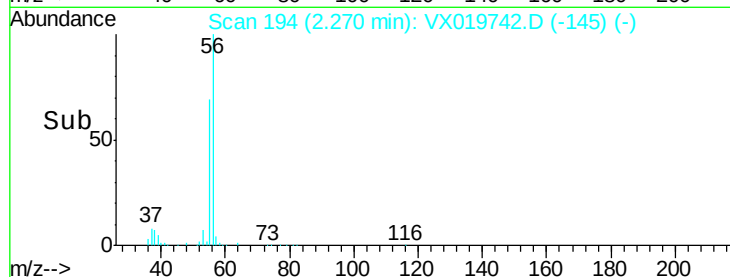
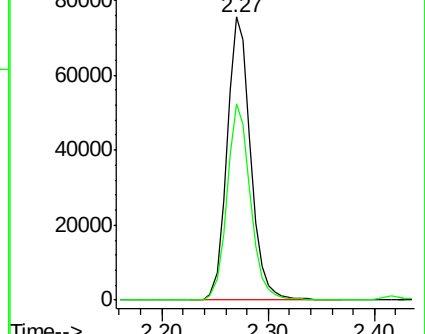
MMDadoda

12/7/2020 10:53:15 AM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 49.960 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX019742.D

Acq: 05 Dec 2020 01:06

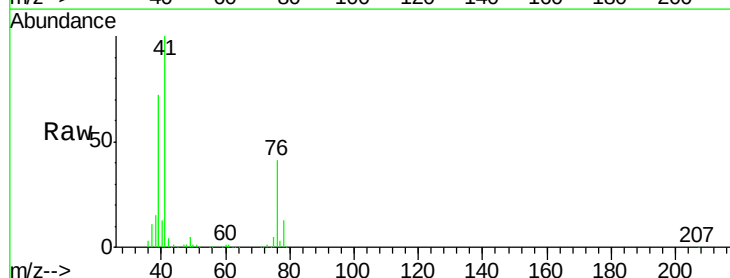
Tgt Ion: 41 Resp: 246953

Ion Ratio Lower Upper

41 100

39 64.0 51.6 77.4

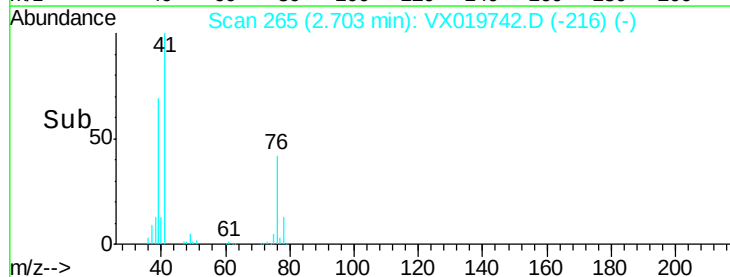
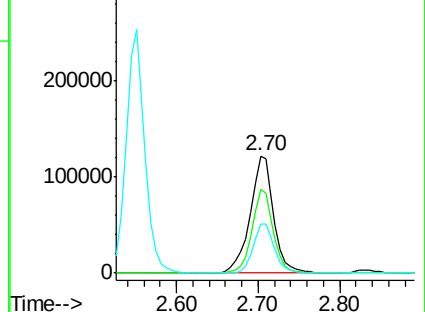
76 37.3 30.5 45.7

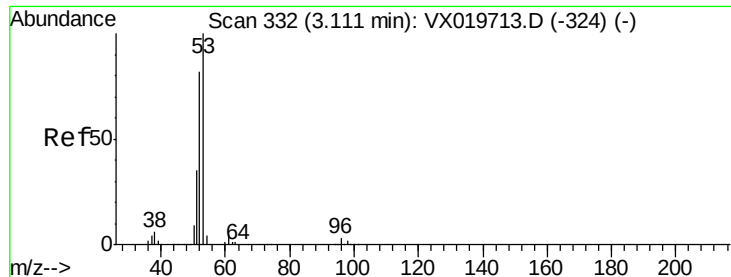


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 261.311 ug/l

RT: 3.11 min Scan# 332

Delta R.T. 0.00 min

Lab File: VX019742.D

Acq: 05 Dec 2020 01:06

Instrument :

MSVOA_X

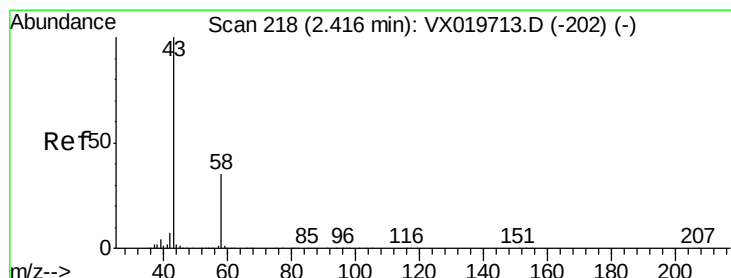
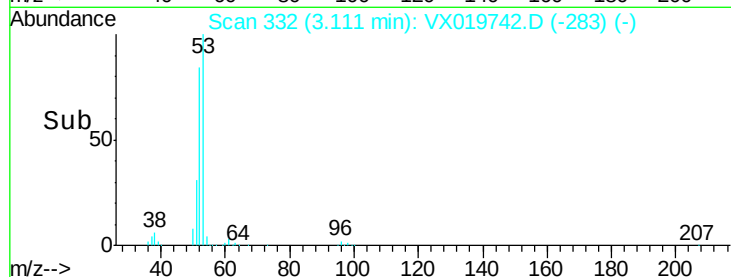
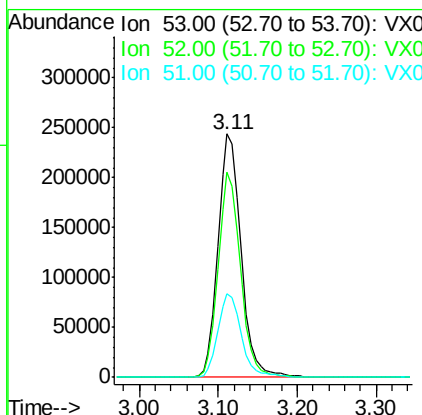
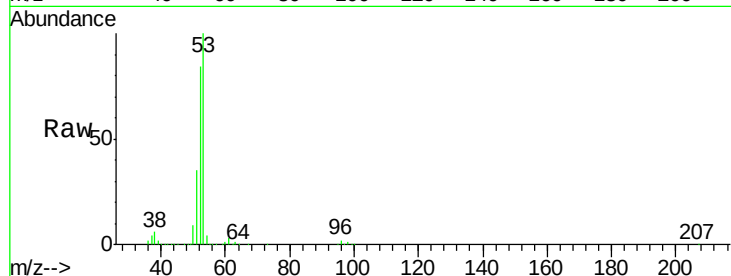
ClientSampleId :

ID039-39MWE2S-120320MS

Tot Ion:	53	Resp:	495961
Ion Ratio		Lower	Upper
53	100		
52	82.0	65.3	97.9
51	35.3	28.2	42.2

Manual Integrations
APPROVED

MMDadoda
12/7/2020 10:53:15 AM



#16

Acetone

Concen: 262.928 ug/l

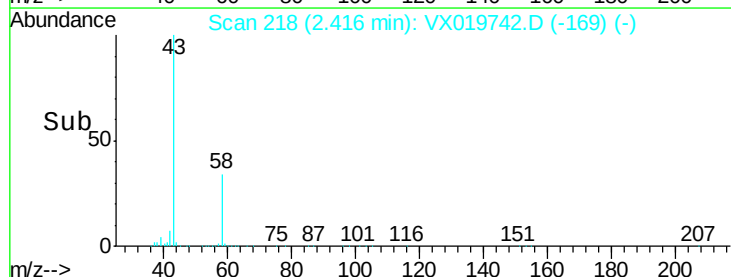
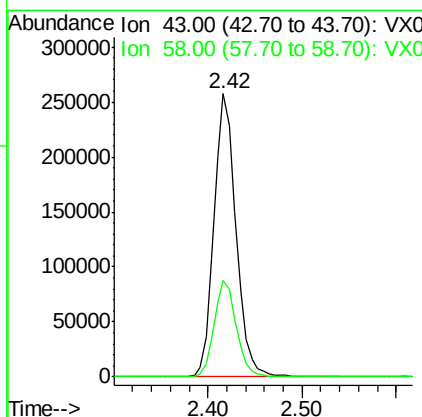
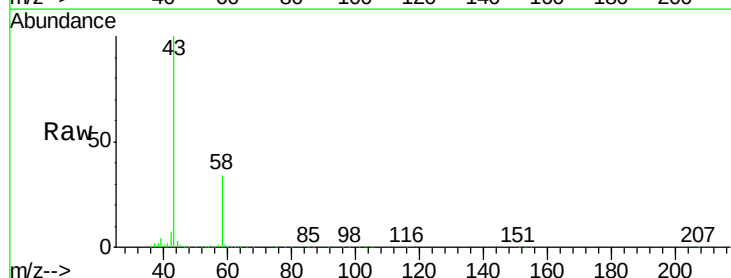
RT: 2.42 min Scan# 218

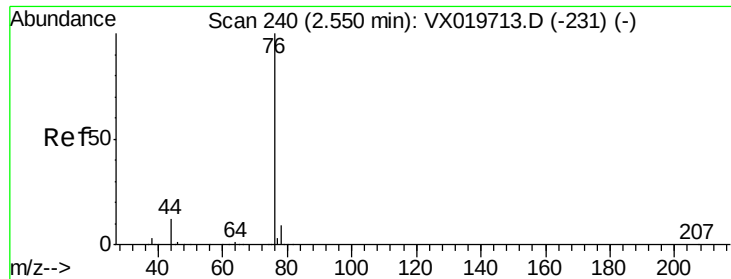
Delta R.T. 0.00 min

Lab File: VX019742.D

Acq: 05 Dec 2020 01:06

Tgt Ion:	43	Resp:	414917
Ion Ratio		Lower	Upper
43	100		
58	34.0	27.8	41.8





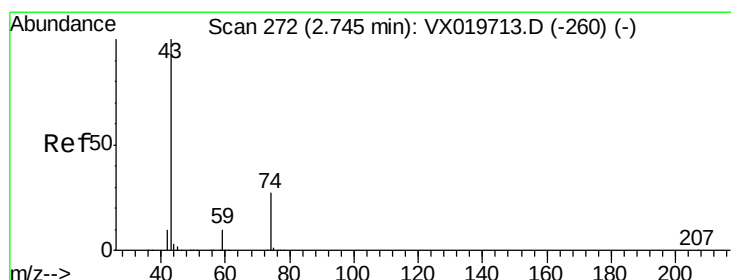
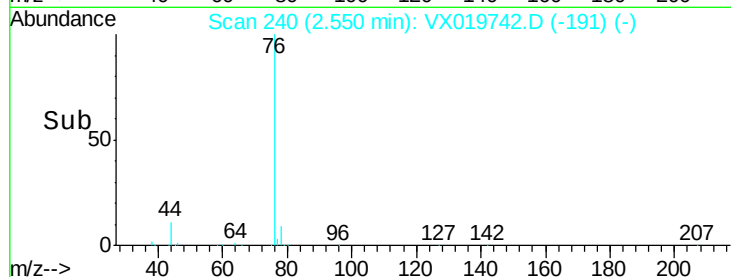
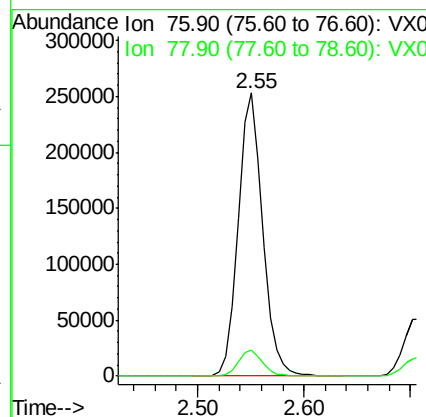
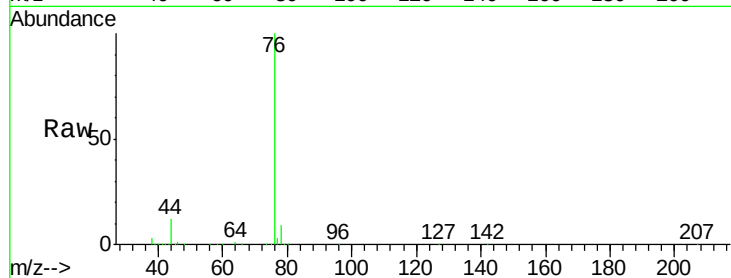
#17
Carbon Disulfide
Concen: 48.539 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019742.D
Acq: 05 Dec 2020 01:06

Instrument :
MSVOA_X
ClientSampleId :
ID039-39MWE2S-120320MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.2	10.8

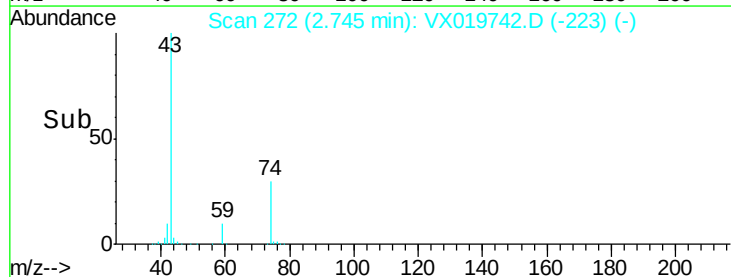
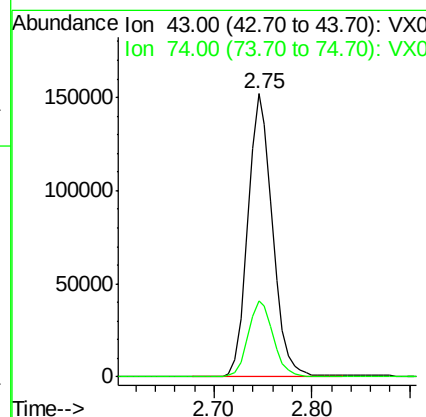
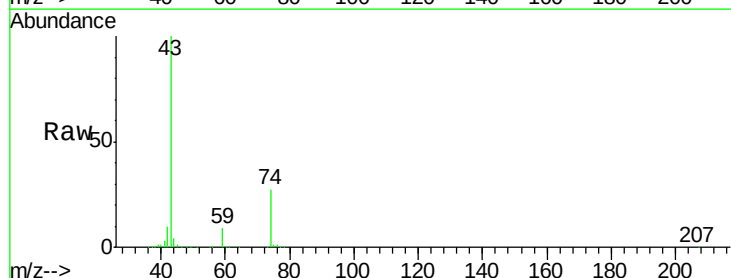
Manual Integrations
APPROVED

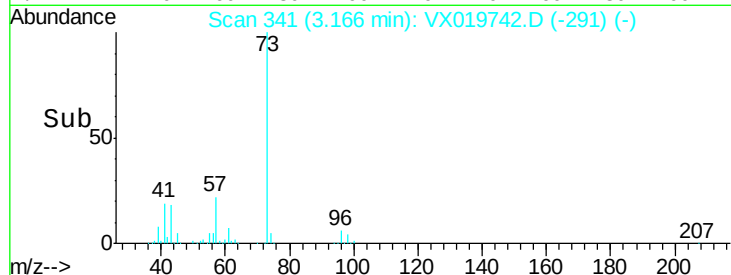
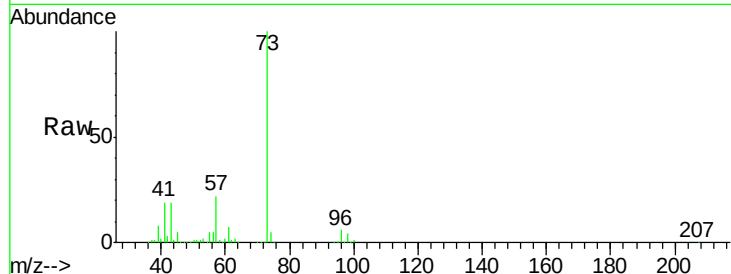
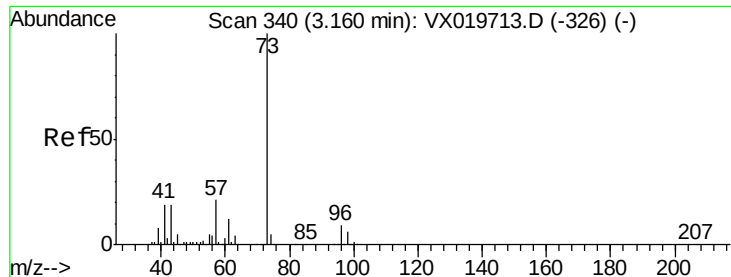
MMDadoda
12/7/2020 10:53:15 AM



#18
Methyl Acetate
Concen: 68.471 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX019742.D
Acq: 05 Dec 2020 01:06

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.4	21.9	32.9





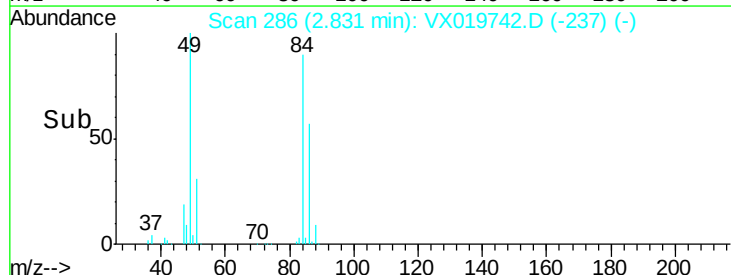
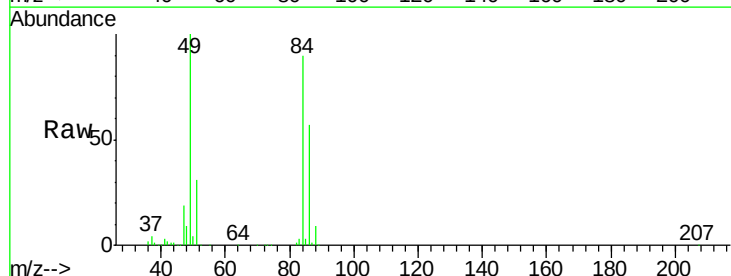
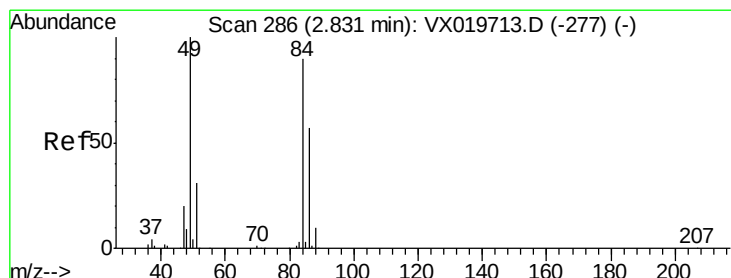
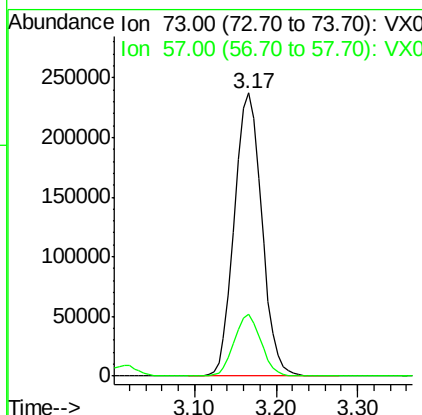
#19
Methyl tert-butyl Ether
Concen: 51.743 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.01 min
Lab File: VX019742.D
Acq: 05 Dec 2020 01:06

Tot Ion	73	Resp	551520
Ion Ratio	100	Lower	Upper
73	100		
57	21.7	17.1	25.7

Instrument :
MSVOA_X
ClientSampleId :
ID039-39MWE2S-120320MS

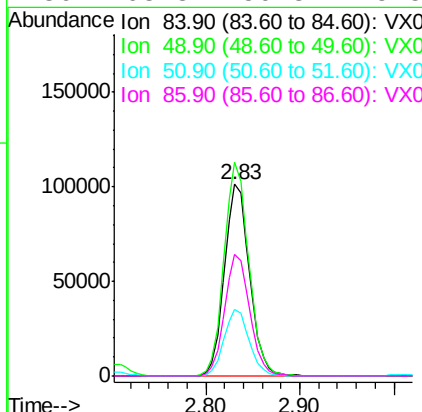
Manual Integrations
APPROVED

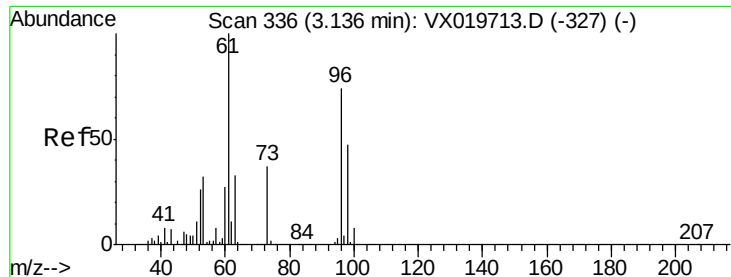
MMDadoda
12/7/2020 10:53:15 AM



#20
Methylene Chloride
Concen: 52.062 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019742.D
Acq: 05 Dec 2020 01:06

Tgt Ion	84	Resp	187351
Ion Ratio	100	Lower	Upper
84	100		
49	111.4	88.6	132.8
51	34.4	27.0	40.6
86	63.3	50.3	75.5





#21

trans-1,2-Dichloroethene

Concen: 51.941 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX019742.D

Acq: 05 Dec 2020 01:06

Instrument :

MSVOA_X

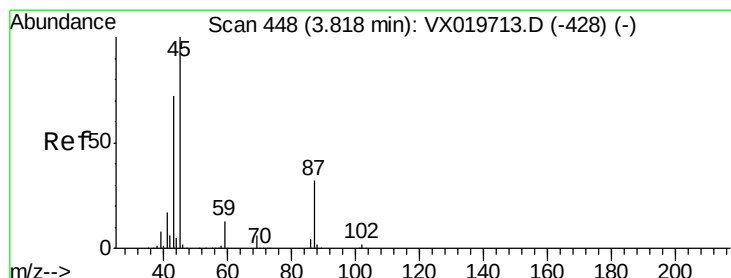
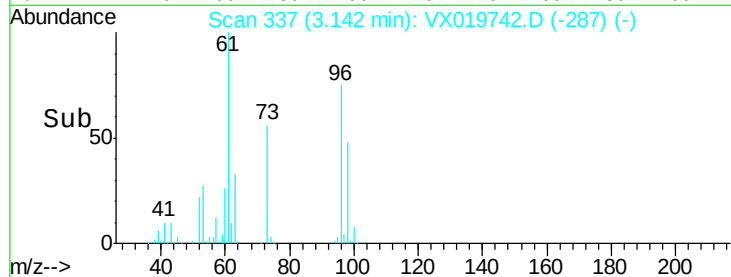
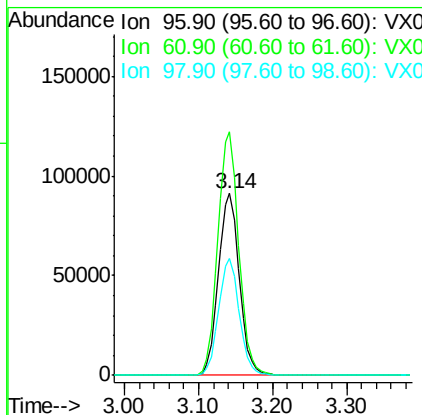
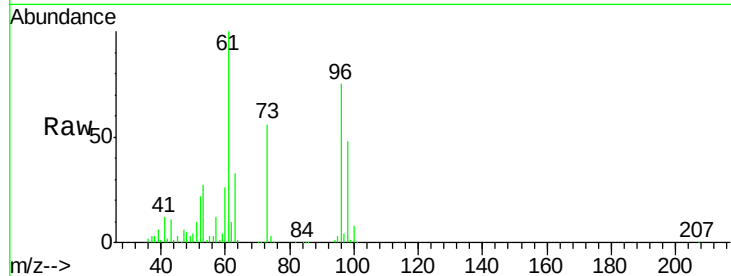
ClientSampleId :

ID039-39MWE2S-120320MS

Tot Ion:	96	Resp:	177232
Ion	Ratio	Lower	Upper
96	100		
61	134.1	107.7	161.5
98	64.1	50.4	75.6

Manual Integrations
APPROVED

MMDadoda
12/7/2020 10:53:15 AM



#22

Diisopropyl ether

Concen: 51.712 ug/l

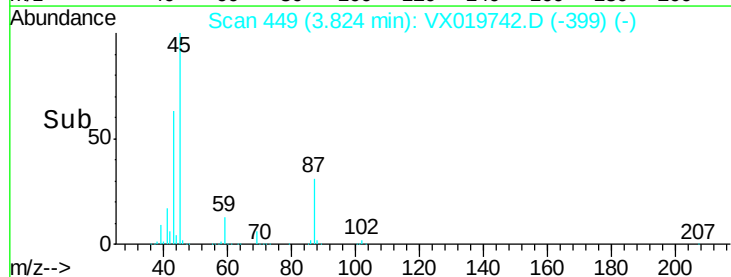
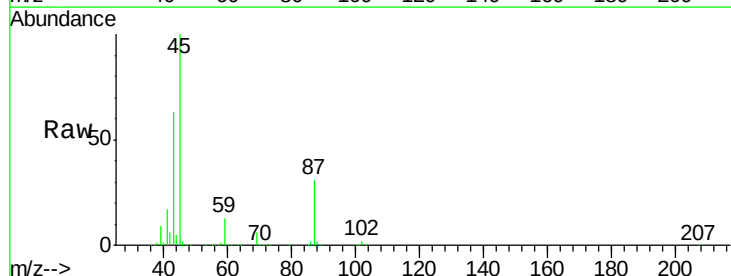
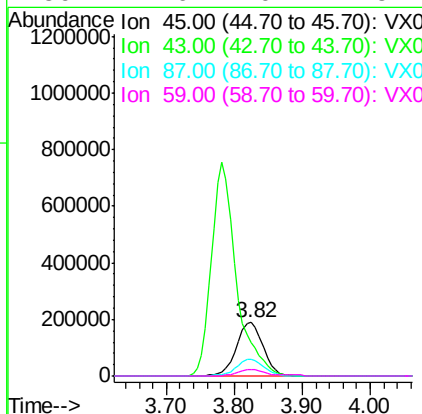
RT: 3.82 min Scan# 449

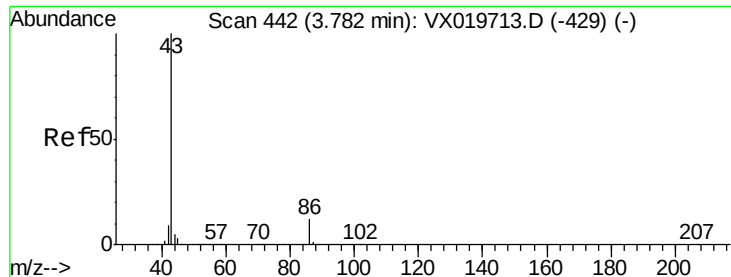
Delta R.T. 0.01 min

Lab File: VX019742.D

Acq: 05 Dec 2020 01:06

Tgt Ion:	45	Resp:	516810
Ion	Ratio	Lower	Upper
45	100		
43	62.7	58.0	87.0
87	31.1	25.4	38.0
59	12.6	10.2	15.2





#23

Vinyl Acetate

Concen: 225.788 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019742.D

Acq: 05 Dec 2020 01:06

Instrument :

MSVOA_X

ClientSampleId :

ID039-39MWE2S-120320MS

Tot Ion: 43 Resp: 1922481

Ion Ratio Lower Upper

43 100

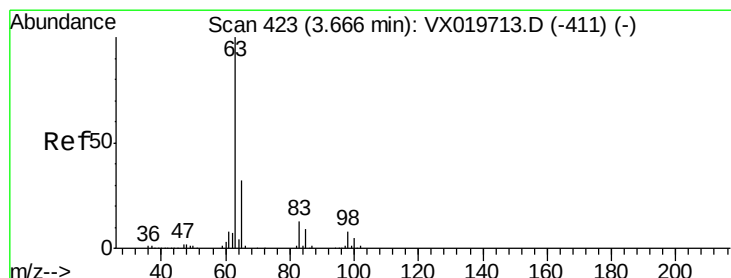
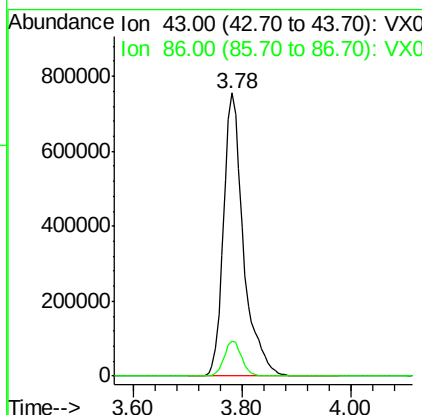
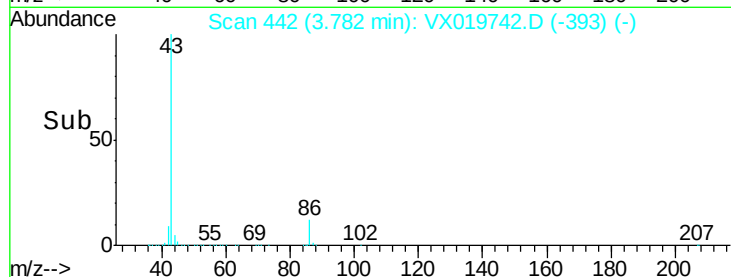
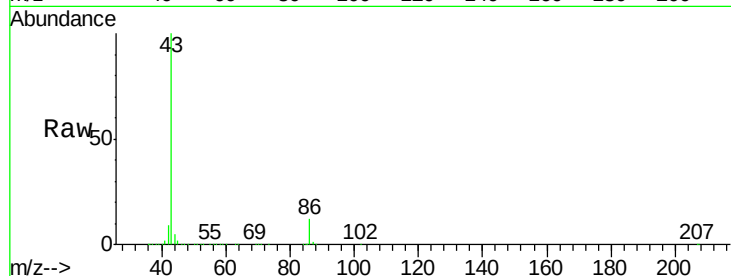
86 12.5 9.9 14.9

Manual Integrations

APPROVED

MMDadoda

12/7/2020 10:53:15 AM



#24

1,1-Dichloroethane

Concen: 51.598 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX019742.D

Acq: 05 Dec 2020 01:06

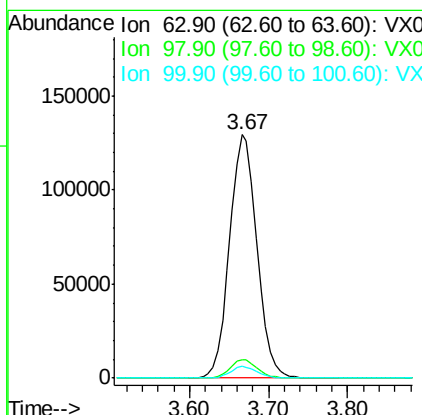
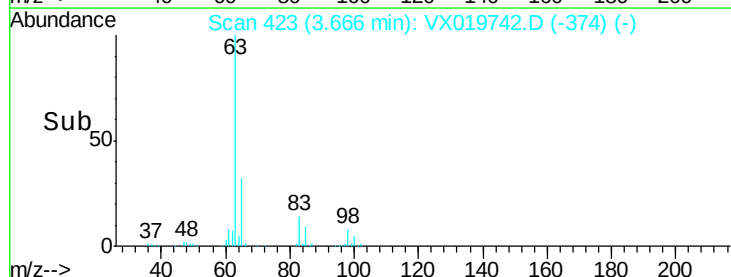
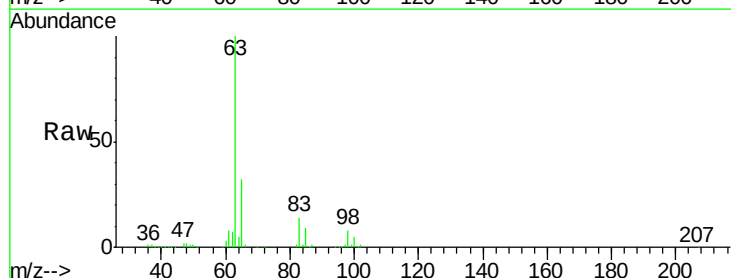
Tgt Ion: 63 Resp: 310968

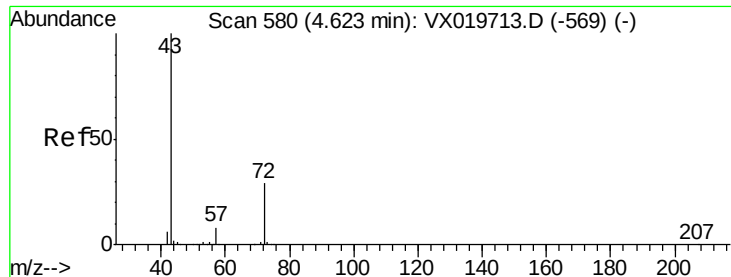
Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.2

100 4.8 2.5 7.5





#25

2-Butanone

Concen: 261.989 ug/l

RT: 4.63 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX019742.D

Acq: 05 Dec 2020 01:06

Instrument :

MSVOA_X

ClientSampleId :

ID039-39MWE2S-120320MS

Tot Ion: 43 Resp: 635285

Ion Ratio Lower Upper

43 100

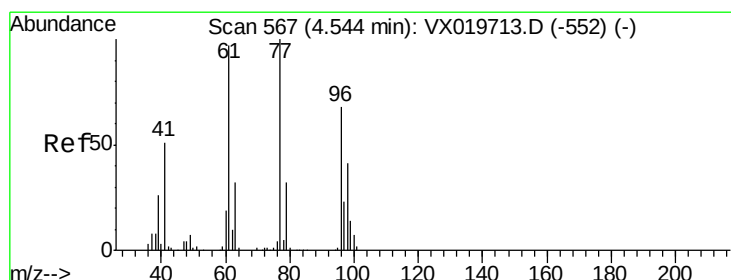
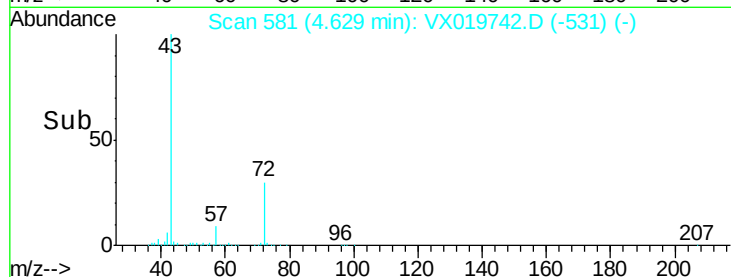
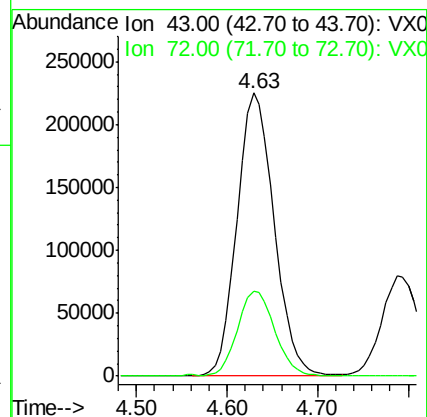
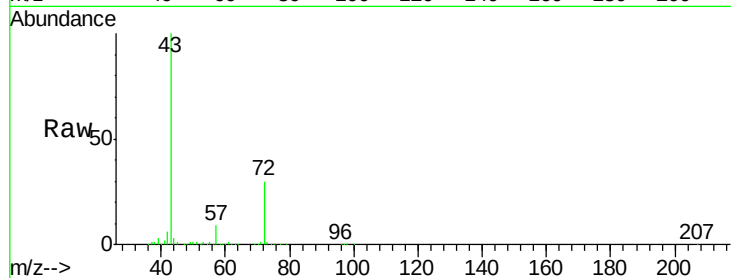
72 29.9 23.7 35.5

Manual Integrations

APPROVED

MMDadoda

12/7/2020 10:53:15 AM



#26

2,2-Dichloropropane

Concen: 42.904 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019742.D

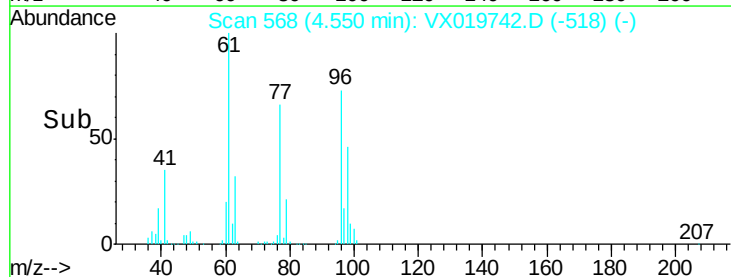
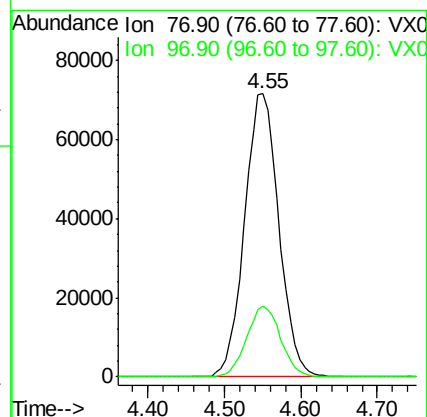
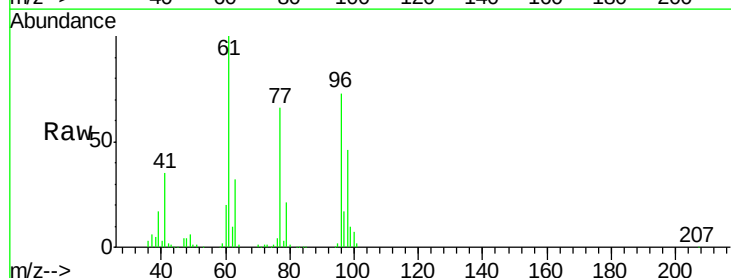
Acq: 05 Dec 2020 01:06

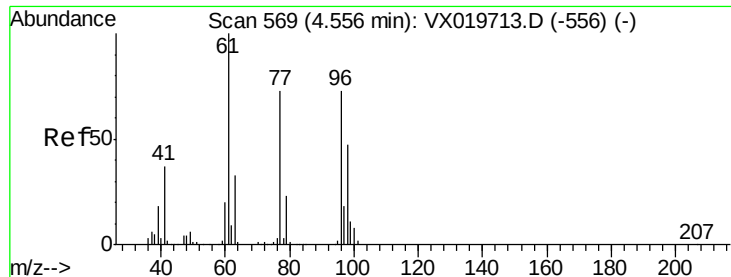
Tgt Ion: 77 Resp: 222672

Ion Ratio Lower Upper

77 100

97 24.8 11.7 35.1





#27

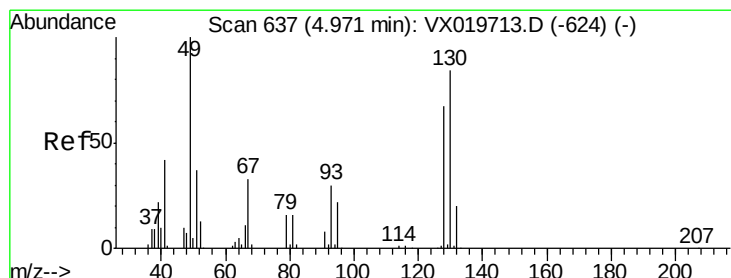
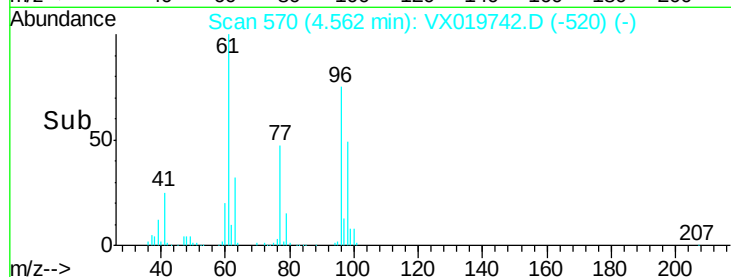
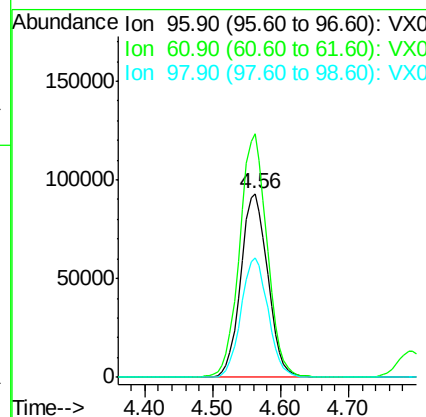
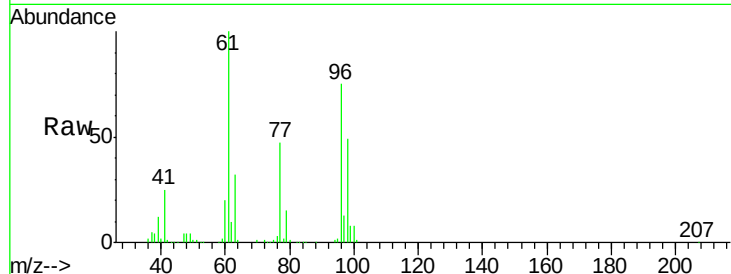
cis-1,2-Dichloroethene
 Concen: 64.375 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. 0.01 min
 Lab File: VX019742.D
 Acq: 05 Dec 2020 01:06

Instrument :
 MSVOA_X
 ClientSampleId :
 ID039-39MWE2S-120320MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	257060		
61	135.5	0.0	285.6	
98	65.0	0.0	129.6	

Manual Integrations
 APPROVED

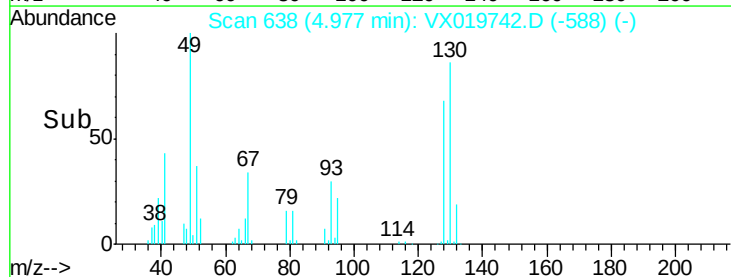
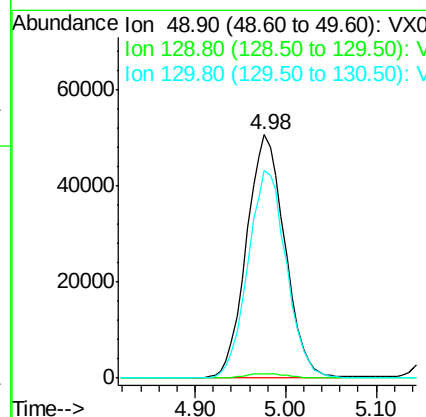
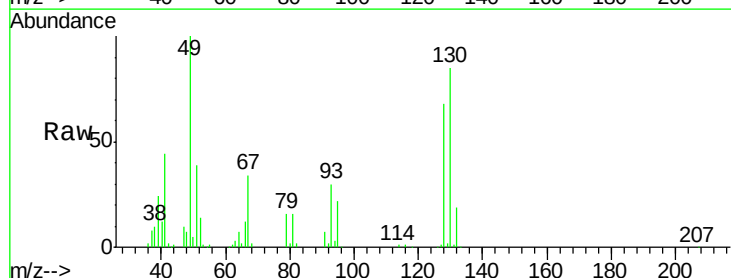
MMDadoda
 12/7/2020 10:53:15 AM

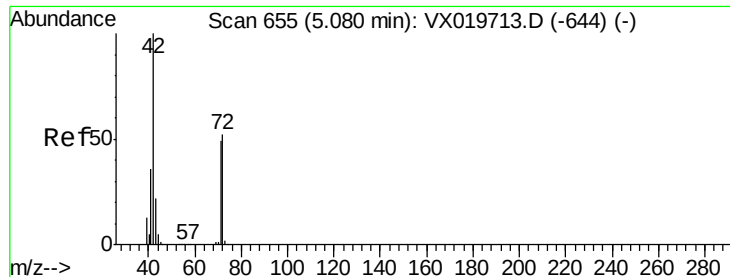


#28

Bromochloromethane
 Concen: 51.512 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. 0.01 min
 Lab File: VX019742.D
 Acq: 05 Dec 2020 01:06

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	147993		
129	2.0	0.0	4.0	
130	85.7	68.2	102.2	





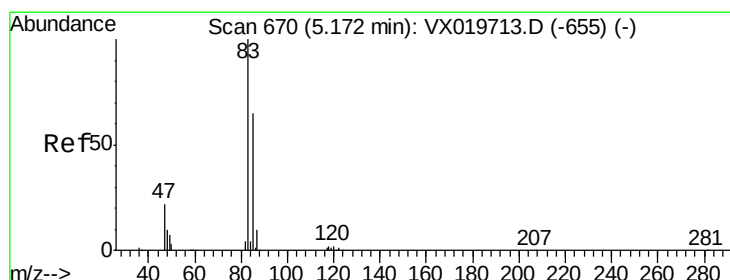
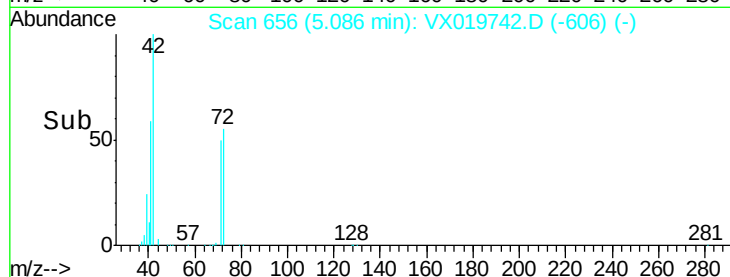
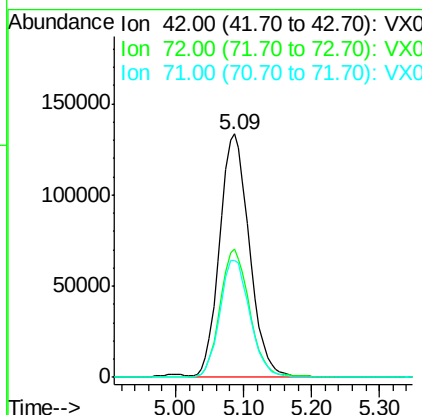
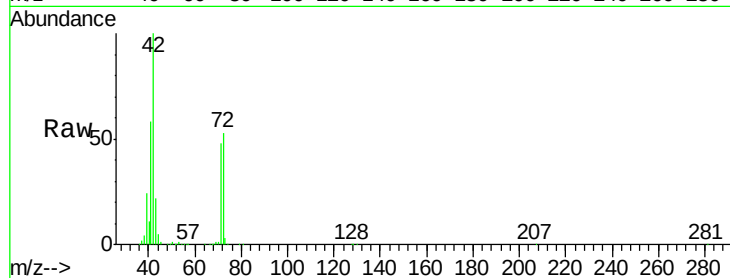
#29
Tetrahydrofuran
Concen: 258.698 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX019742.D
Acq: 05 Dec 2020 01:06

Instrument :
MSVOA_X
ClientSampleId :
ID039-39MWE2S-120320MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.7	41.7	62.5
71	48.8	38.4	57.6

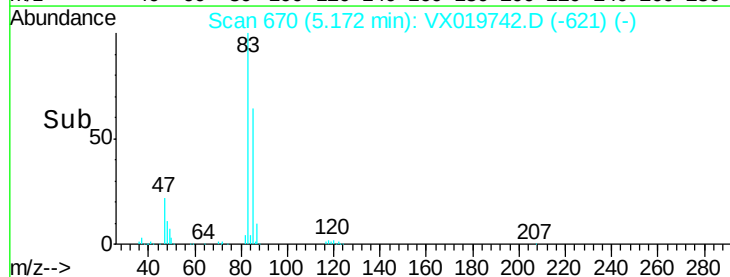
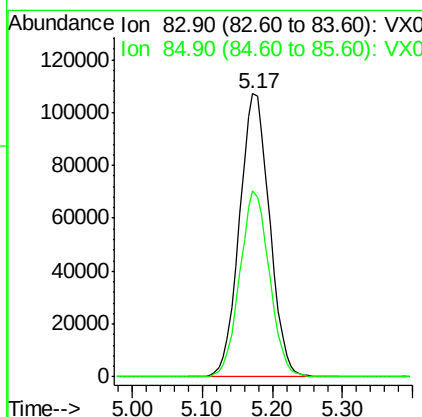
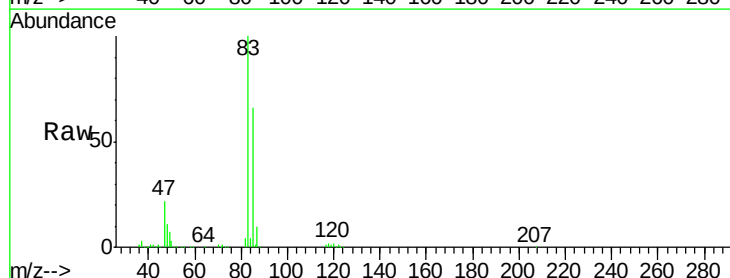
Manual Integrations
APPROVED

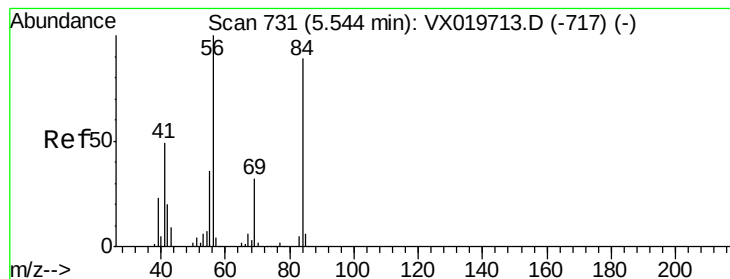
MMDadoda
12/7/2020 10:53:15 AM



#30
Chloroform
Concen: 51.675 ug/l
RT: 5.17 min Scan# 670
Delta R.T. 0.00 min
Lab File: VX019742.D
Acq: 05 Dec 2020 01:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.0	78.0





#31

Cyclohexane

Concen: 50.909 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.00 min

Lab File: VX019742.D

Acq: 05 Dec 2020 01:06

Instrument :

MSVOA_X

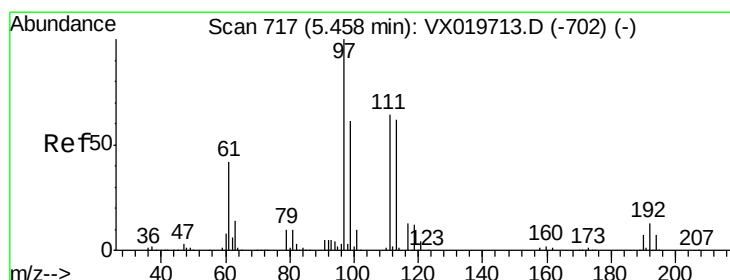
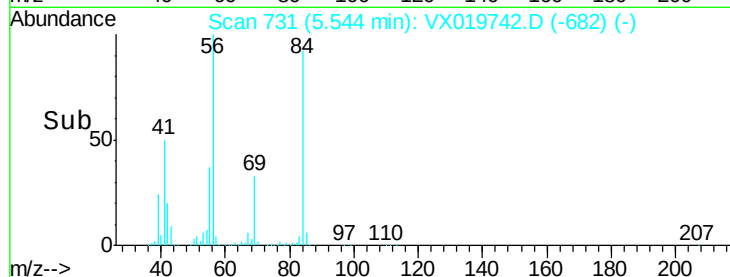
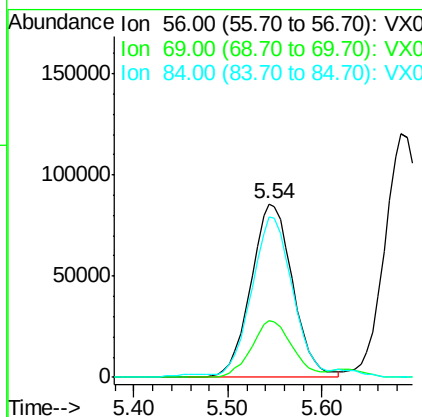
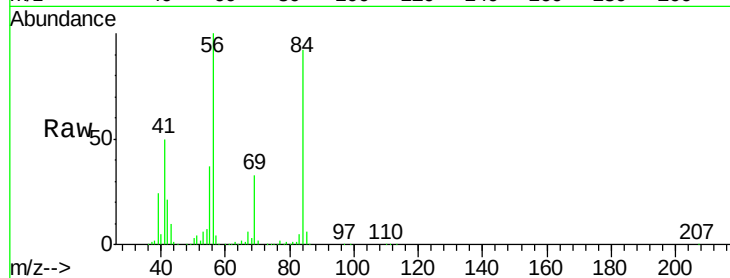
ClientSampleId :

ID039-39MWE2S-120320MS

Tot Ion:	56	Resp:	265869
Ion	Ratio	Lower	Upper
56	100		
69	32.9	25.3	37.9
84	90.5	71.4	107.0

Manual Integrations
APPROVED

MMDadoda
12/7/2020 10:53:15 AM



#32

1,1,1-Trichloroethane

Concen: 51.197 ug/l

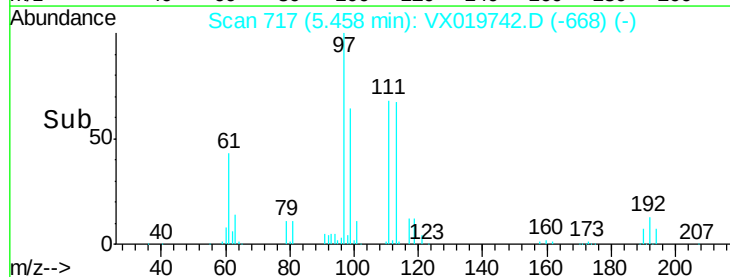
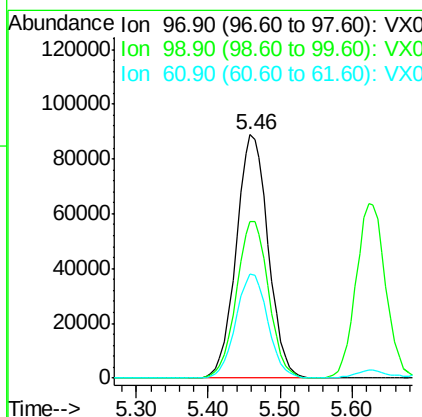
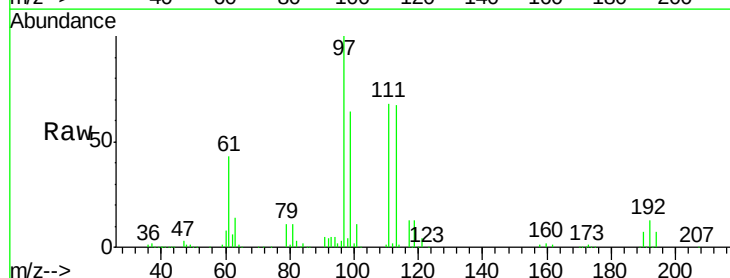
RT: 5.46 min Scan# 717

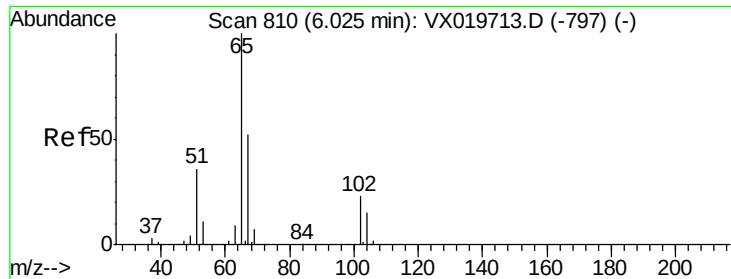
Delta R.T. 0.00 min

Lab File: VX019742.D

Acq: 05 Dec 2020 01:06

Tgt Ion:	97	Resp:	273219
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.5	77.3
61	43.2	34.2	51.4





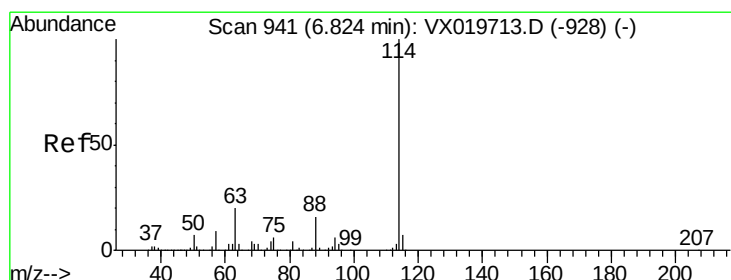
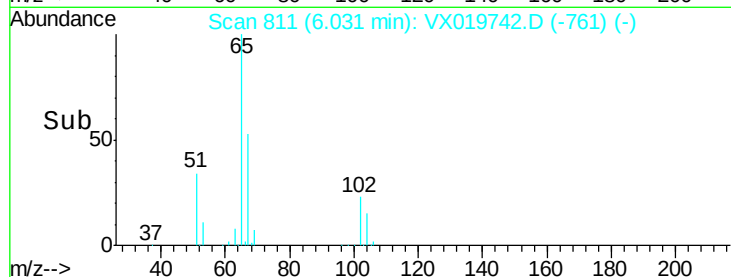
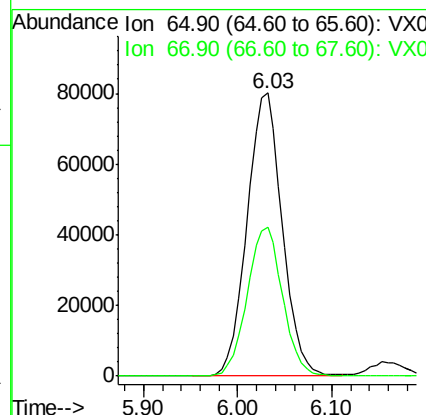
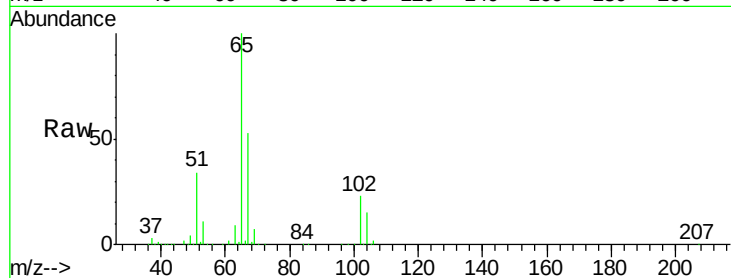
#33
 1,2-Dichloroethane-d4
 Concen: 49.910 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.01 min
 Lab File: VX019742.D
 Acq: 05 Dec 2020 01:06

Instrument :
 MSVOA_X
 ClientSampleId :
 ID039-39MWE2S-120320MS

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	105.4

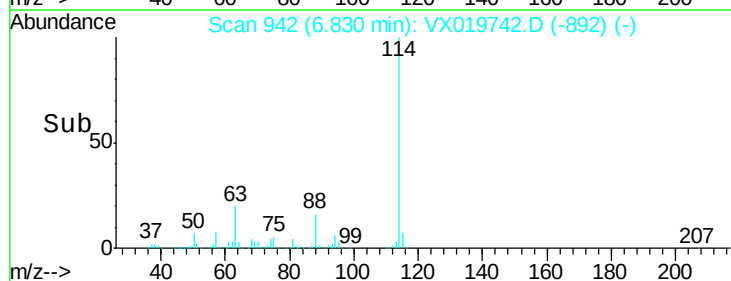
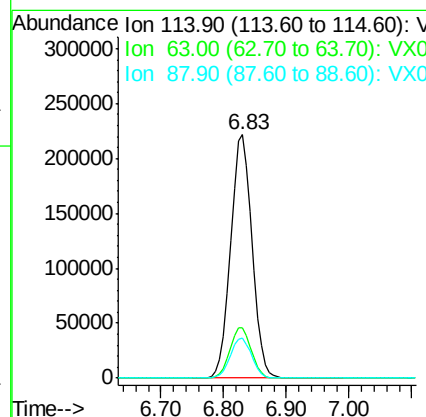
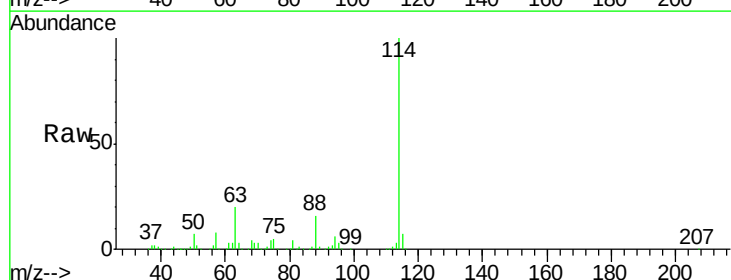
Manual Integrations
 APPROVED

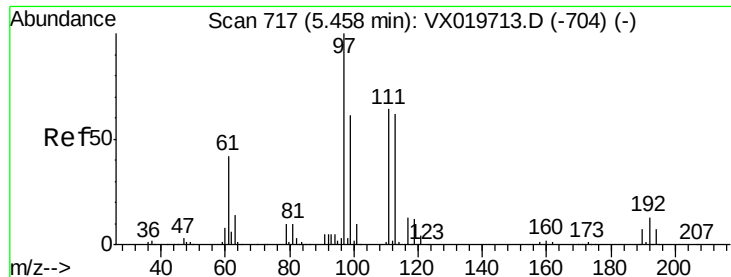
MMDadoda
 12/7/2020 10:53:15 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX019742.D
 Acq: 05 Dec 2020 01:06

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	40.8
88	16.3	0.0	32.8





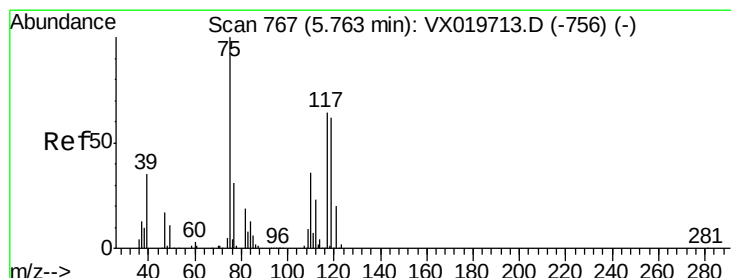
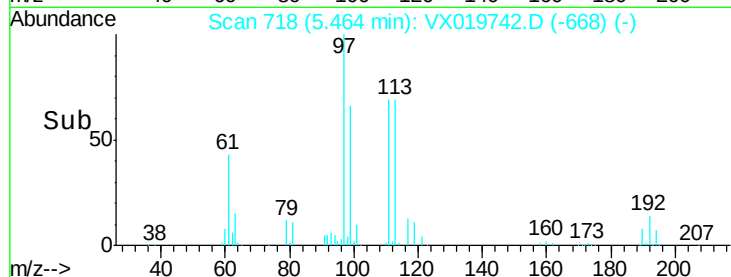
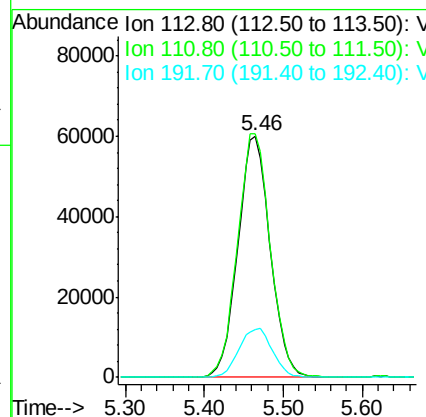
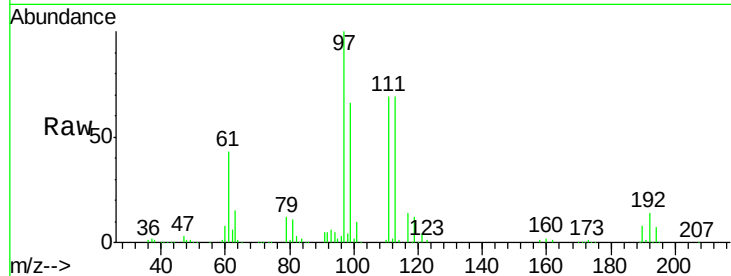
#35
 Dibromofluoromethane
 Concen: 50.517 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VX019742.D
 Acq: 05 Dec 2020 01:06

Instrument :
 MSVOA_X
 ClientSampleId :
 ID039-39MWE2S-120320MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	170978		
111	102.5	81.9	122.9	
192	21.0	16.7	25.1	

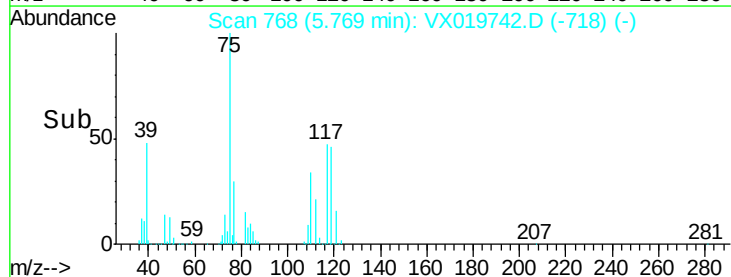
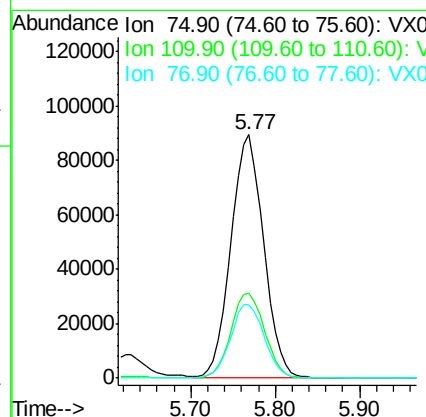
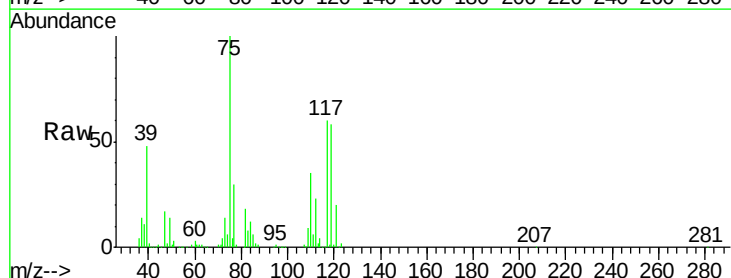
Manual Integrations
 APPROVED

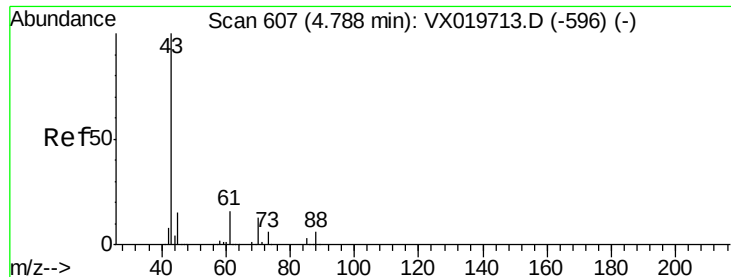
MMDadoda
 12/7/2020 10:53:15 AM



#36
 1,1-Dichloropropene
 Concen: 50.026 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.01 min
 Lab File: VX019742.D
 Acq: 05 Dec 2020 01:06

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	236735		
110	35.9	18.1	54.4	
77	31.5	25.3	37.9	





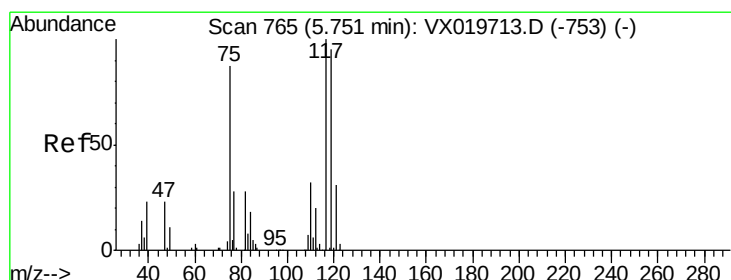
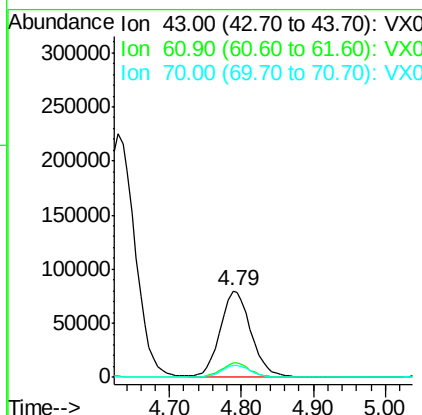
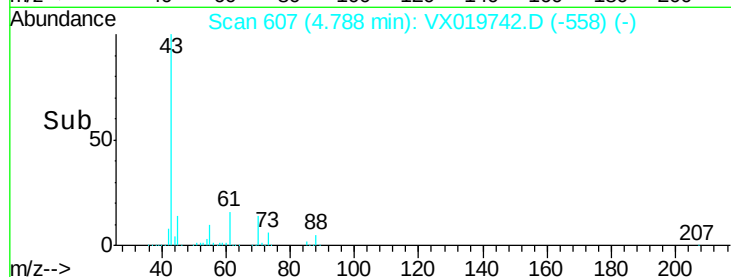
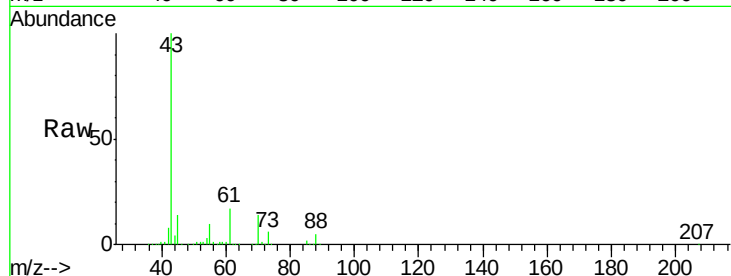
#37
Ethyl Acetate
Concen: 49.491 ug/l
RT: 4.79 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX019742.D
Acq: 05 Dec 2020 01:06

Instrument :
MSVOA_X
ClientSampleId :
ID039-39MWE2S-120320MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.8	12.8	19.2
70	13.0	10.5	15.7

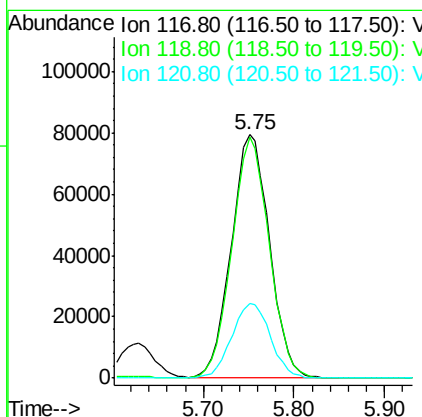
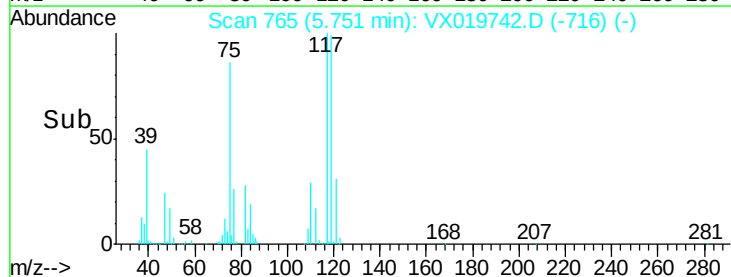
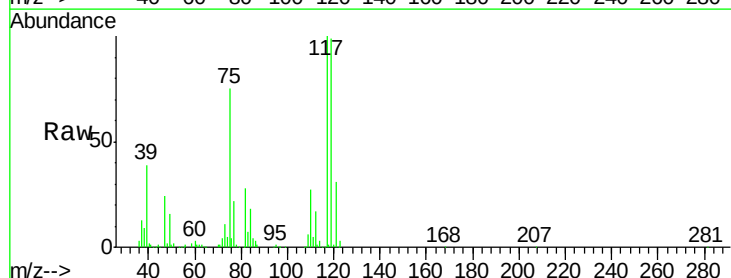
Manual Integrations
APPROVED

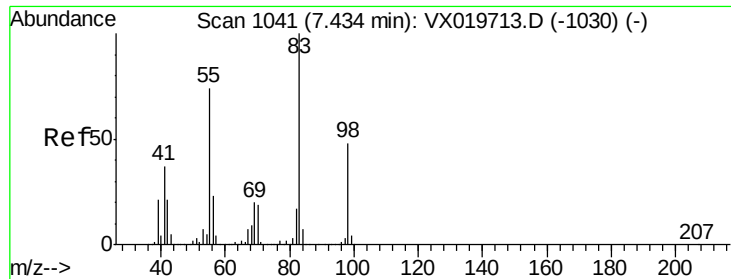
MMDadoda
12/7/2020 10:53:15 AM



#38
Carbon Tetrachloride
Concen: 50.164 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX019742.D
Acq: 05 Dec 2020 01:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.8	76.2	114.2
121	30.6	24.8	37.2





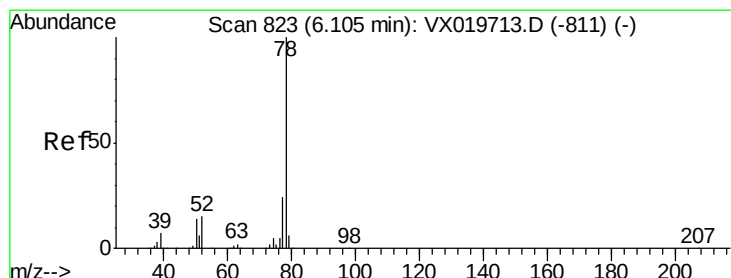
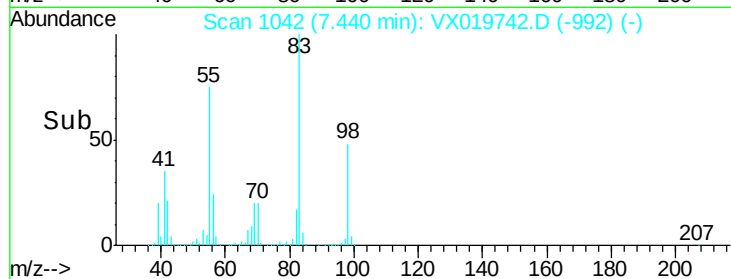
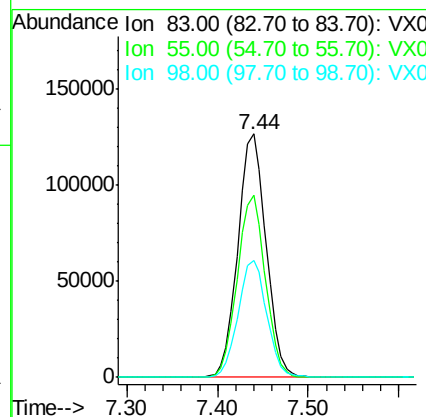
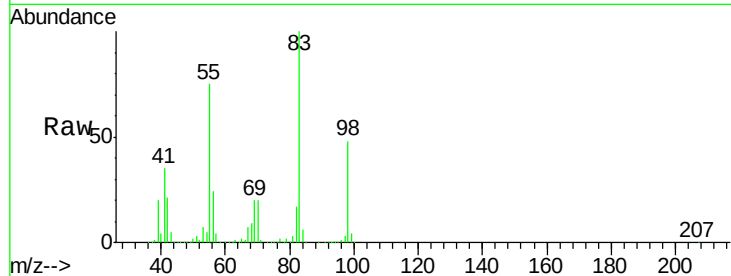
#39
Methylvlcyclohexane
Concen: 49.070 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VX019742.D
Acq: 05 Dec 2020 01:06

Instrument :
MSVOA_X
ClientSampleId :
ID039-39MWE2S-120320MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.0	58.9	88.3
98	48.3	38.1	57.1

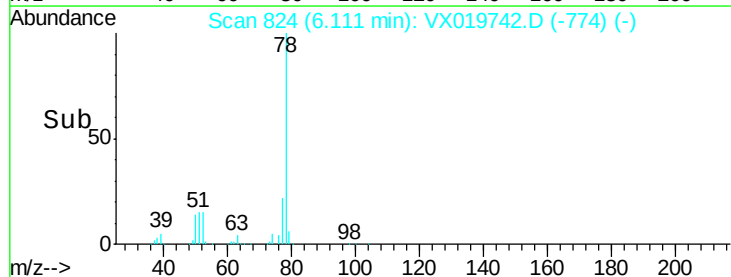
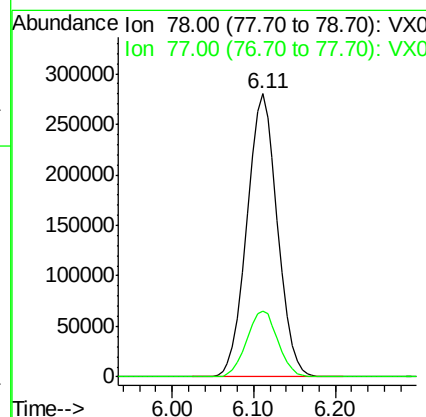
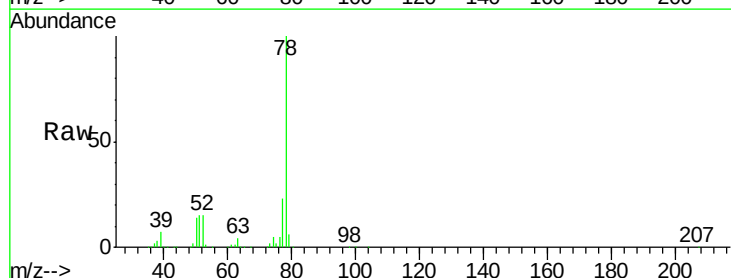
Manual Integrations
APPROVED

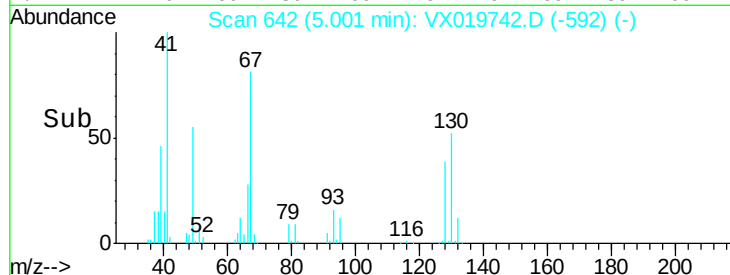
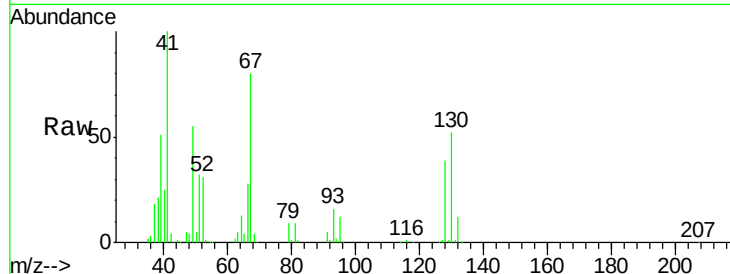
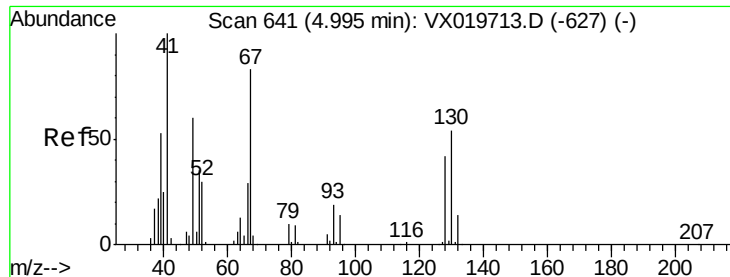
MMDadoda
12/7/2020 10:53:15 AM



#40
Benzene
Concen: 50.270 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX019742.D
Acq: 05 Dec 2020 01:06

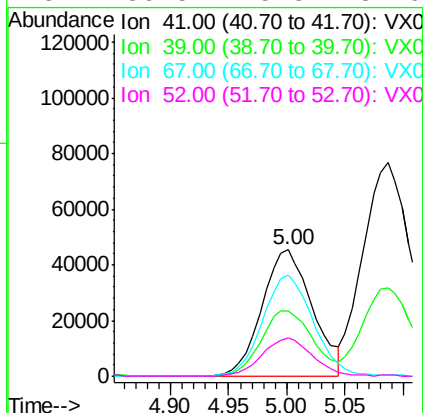
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.9	28.3





#41
Methacrylonitrile
Concen: 52.000 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX019742.D
Acq: 05 Dec 2020 01:06

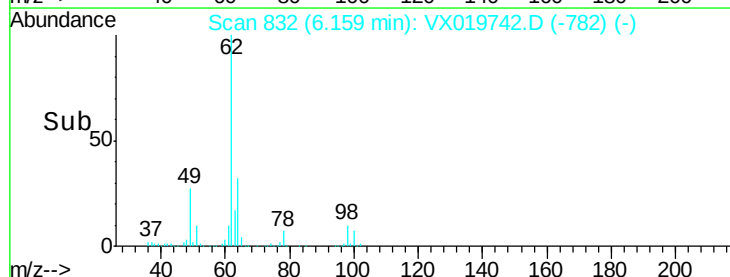
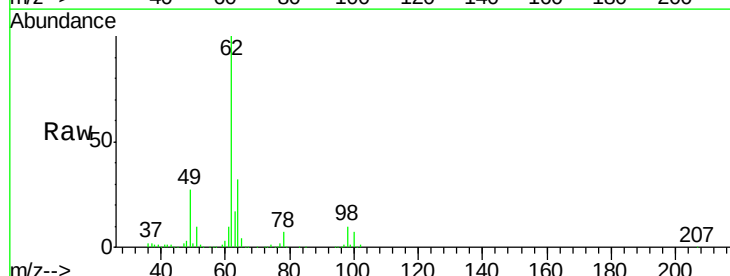
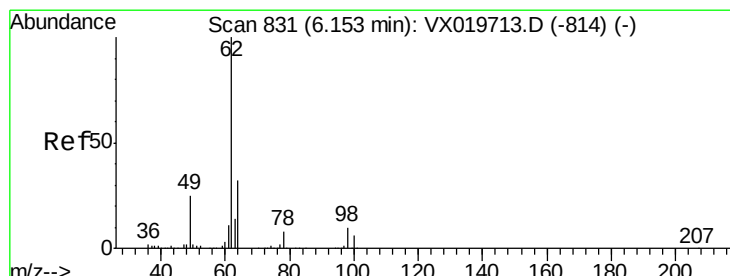
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.1	42.5	63.7	
67	80.5	65.0	97.6	
52	30.5	25.3	37.9	



Instrument :
MSVOA_X
ClientSampleId :
ID039-39MWE2S-120320MS

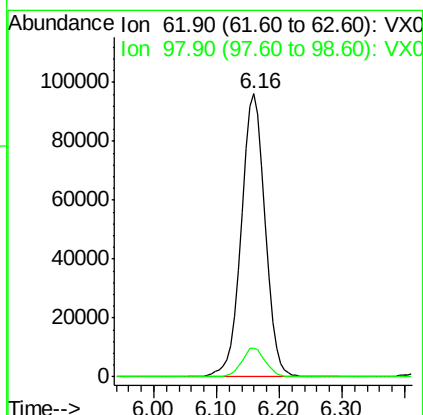
Manual Integrations
APPROVED

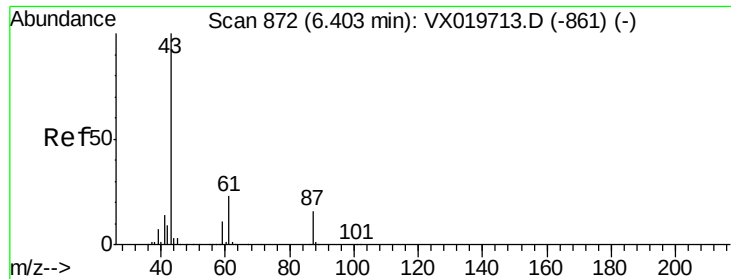
MMDadoda
12/7/2020 10:53:15 AM



#42
1,2-Dichloroethane
Concen: 51.231 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.01 min
Lab File: VX019742.D
Acq: 05 Dec 2020 01:06

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.0	0.0	20.2	





#43

Isopropyl Acetate

Concen: 49.747 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.01 min

Lab File: VX019742.D

Acq: 05 Dec 2020 01:06

Instrument :

MSVOA_X

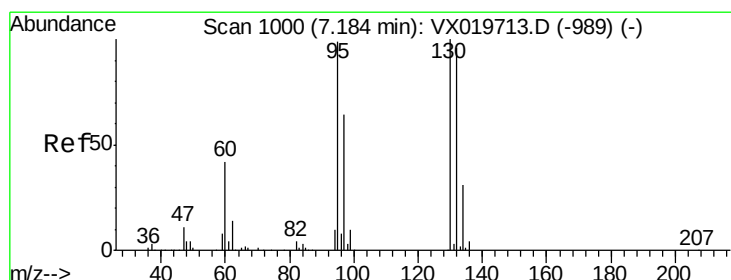
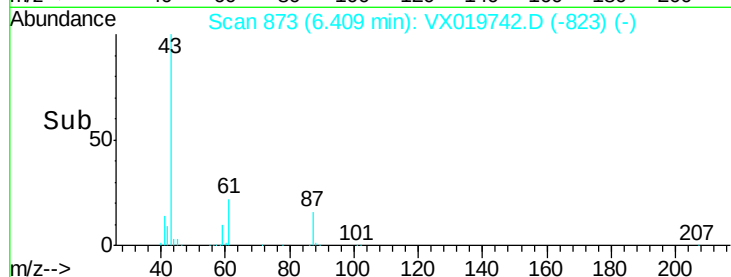
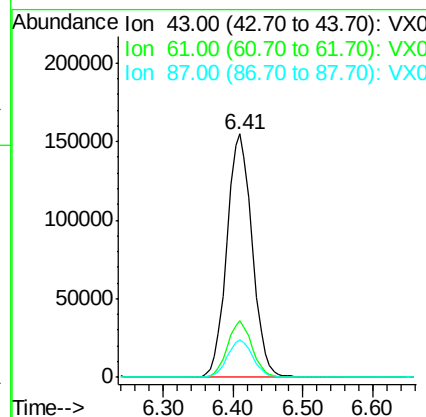
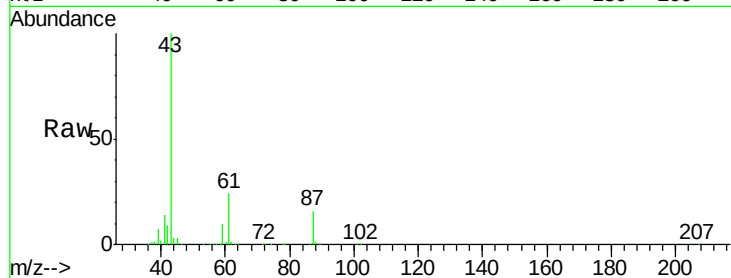
ClientSampleId :

ID039-39MWE2S-120320MS

Tot Ion:	43	Resp:	386436
Ion	Ratio	Lower	Upper
43	100		
61	22.8	18.2	27.4
87	15.5	12.5	18.7

Manual Integrations
APPROVED

MMDadoda
12/7/2020 10:53:15 AM



#44

Trichloroethene

Concen: 50.436 ug/l

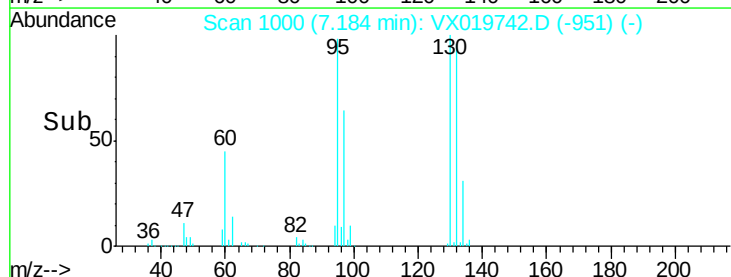
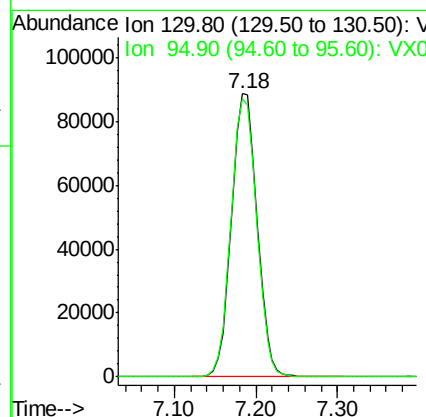
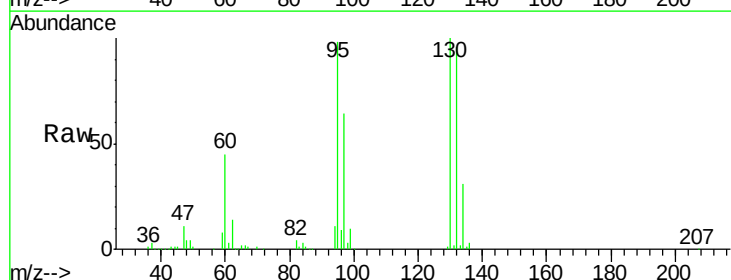
RT: 7.18 min Scan# 1000

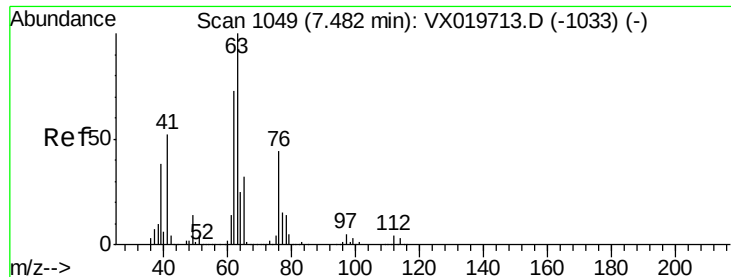
Delta R.T. 0.00 min

Lab File: VX019742.D

Acq: 05 Dec 2020 01:06

Tgt Ion:	130	Resp:	191294
Ion	Ratio	Lower	Upper
130	100		
95	98.2	0.0	198.0





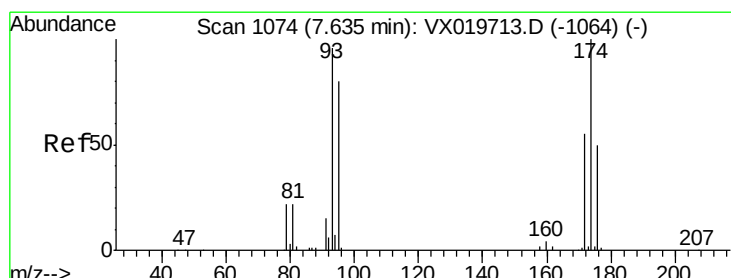
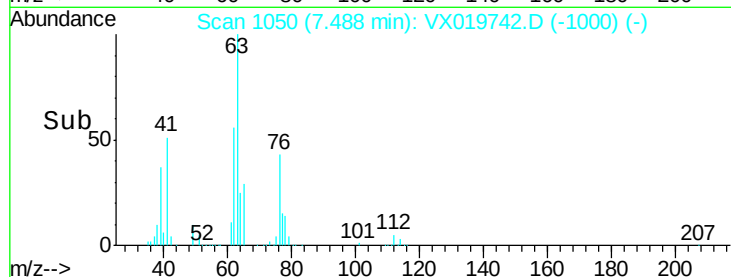
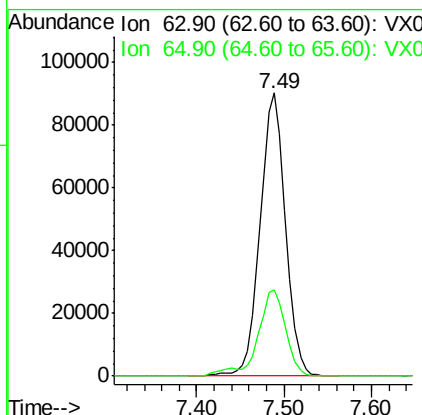
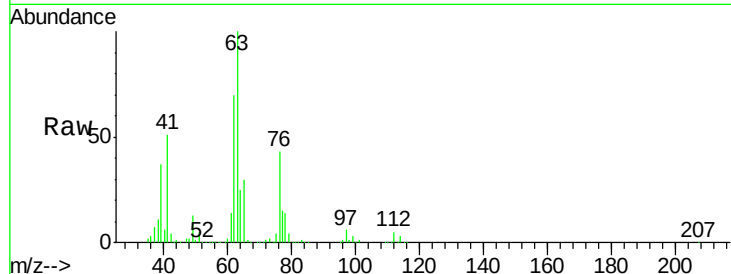
#45
 1,2-Dichloropropane
 Concen: 50.736 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: VX019742.D
 Acq: 05 Dec 2020 01:06

Instrument :
 MSVOA_X
 ClientSampleId :
 ID039-39MWE2S-120320MS

Tot Ion: 63 Resp: 183304
 Ion Ratio Lower Upper
 63 100
 65 30.4 25.7 38.5

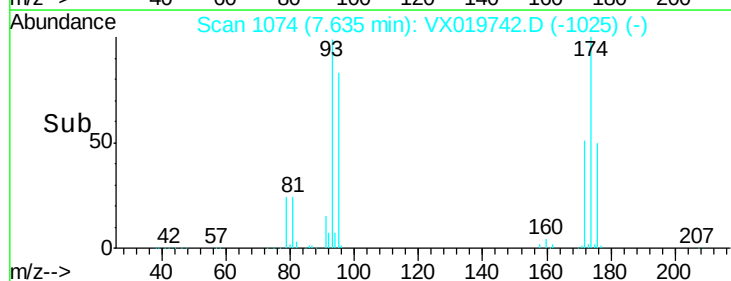
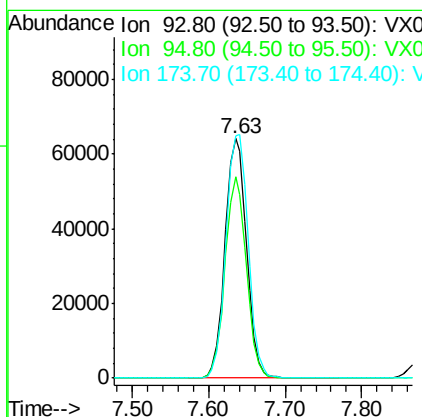
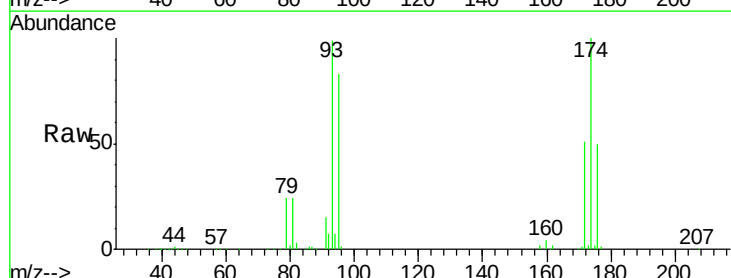
Manual Integrations
 APPROVED

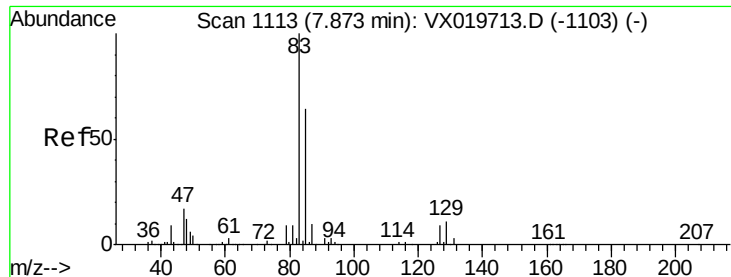
MMDadoda
 12/7/2020 10:53:15 AM



#46
 Dibromomethane
 Concen: 51.153 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VX019742.D
 Acq: 05 Dec 2020 01:06

Tgt Ion: 93 Resp: 124804
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.8 100.2
 174 104.9 83.1 124.7





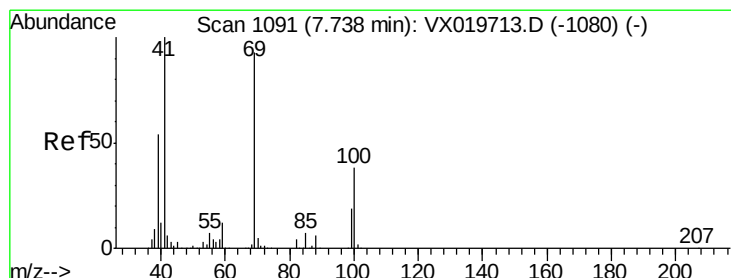
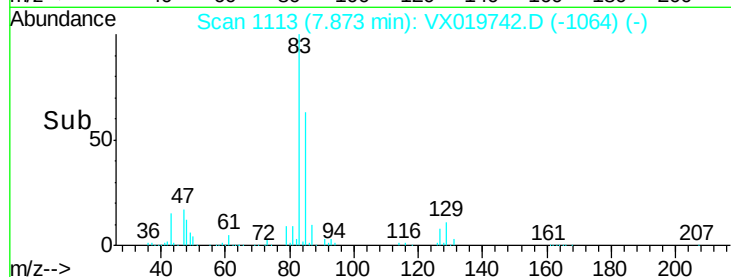
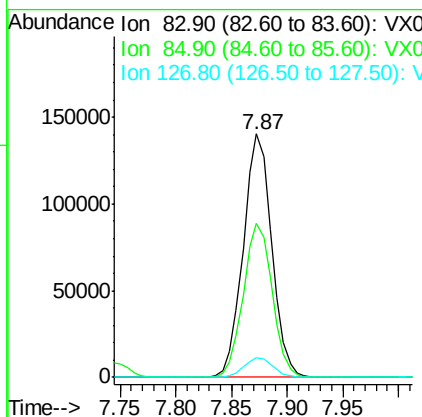
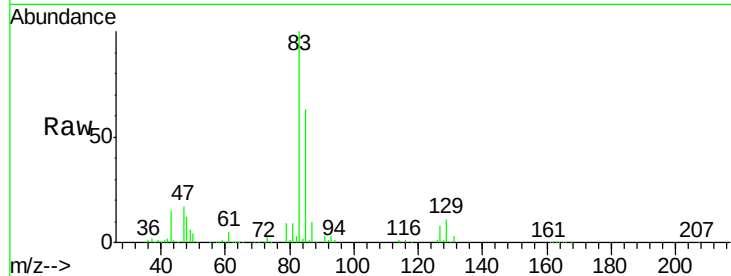
#47
Bromodichloromethane
Concen: 51.522 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VX019742.D
Acq: 05 Dec 2020 01:06

Instrument :
MSVOA_X
ClientSampleId :
ID039-39MWE2S-120320MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	249439		
85	63.5		51.4	77.0
127	7.9		6.8	10.2

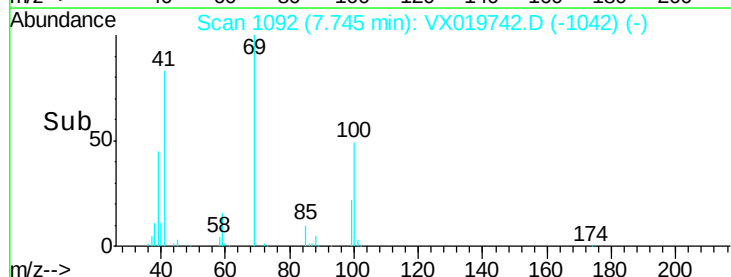
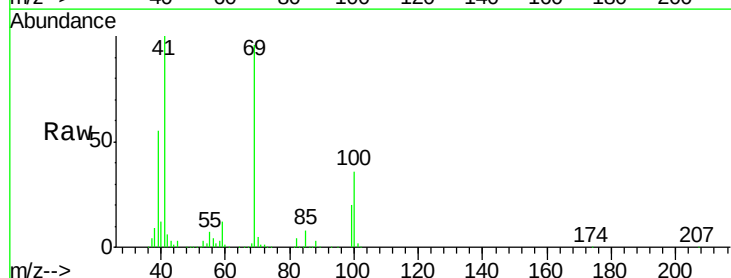
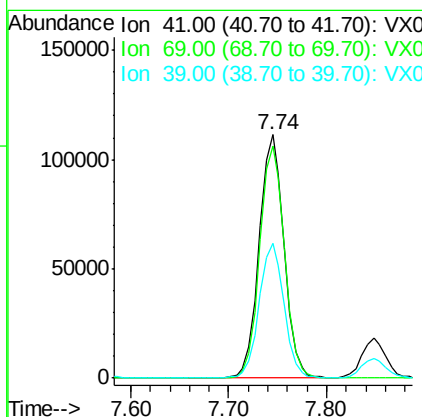
Manual Integrations
APPROVED

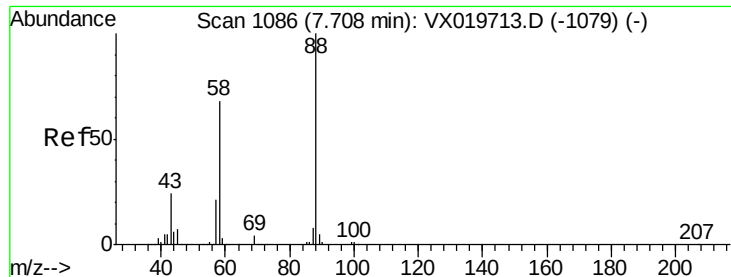
MMDadoda
12/7/2020 10:53:15 AM



#48
Methyl methacrylate
Concen: 51.616 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.01 min
Lab File: VX019742.D
Acq: 05 Dec 2020 01:06

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	197196		
69	95.6		76.0	114.0
39	55.8		44.6	67.0





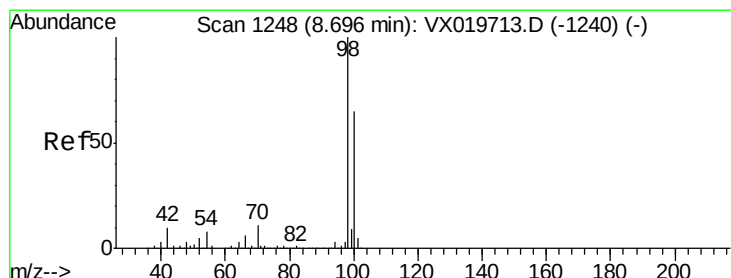
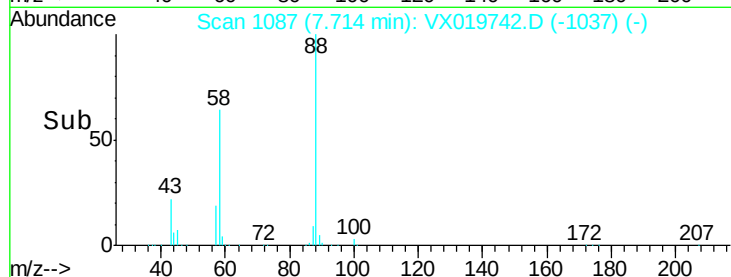
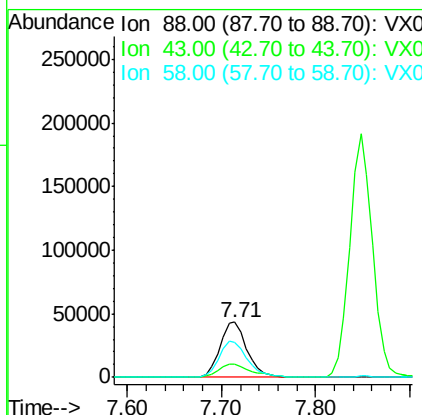
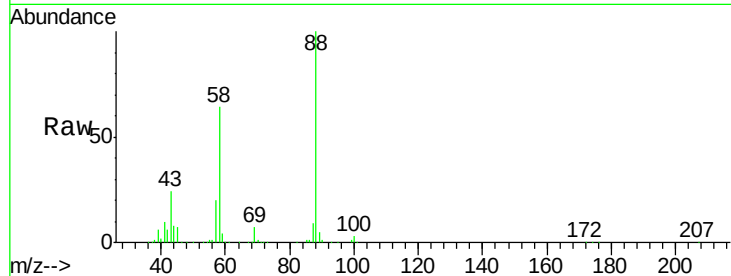
#49
1,4-Dioxane
Concen: 936.560 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.01 min
Lab File: VX019742.D
Acq: 05 Dec 2020 01:06

Instrument :
MSVOA_X
ClientSampleId :
ID039-39MWE2S-120320MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.1	23.2	34.8
58	68.7	55.0	82.4

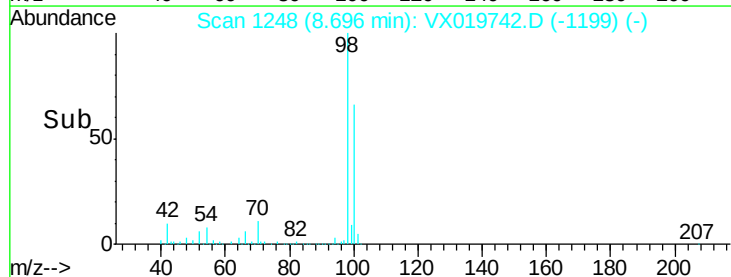
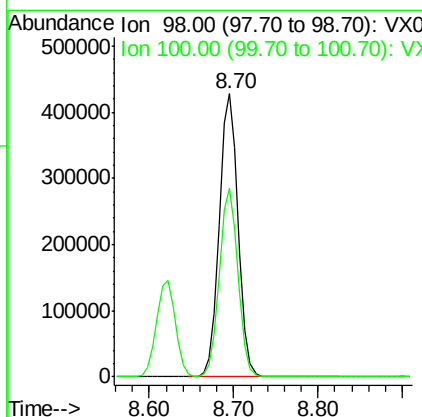
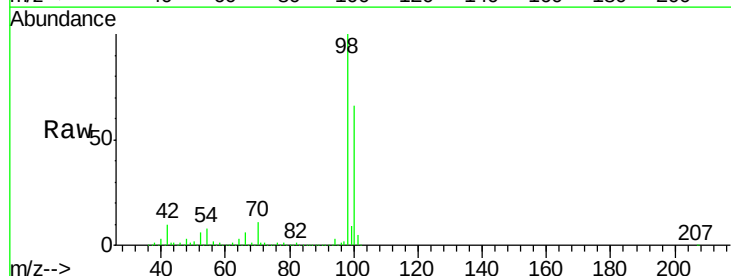
Manual Integrations
APPROVED

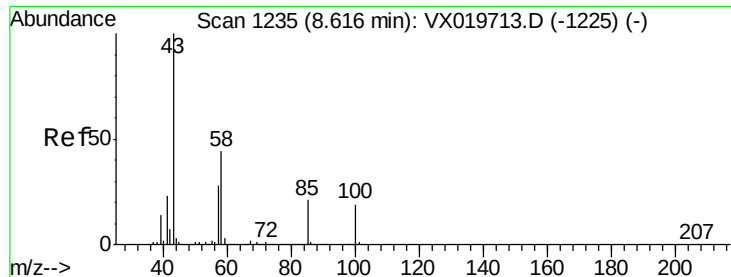
MMDadoda
12/7/2020 10:53:15 AM



#50
Toluene-d8
Concen: 50.891 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019742.D
Acq: 05 Dec 2020 01:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	51.9	77.9





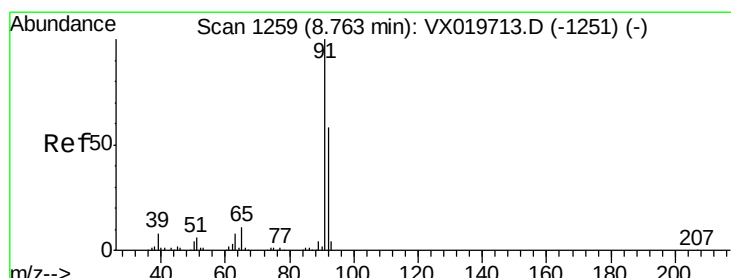
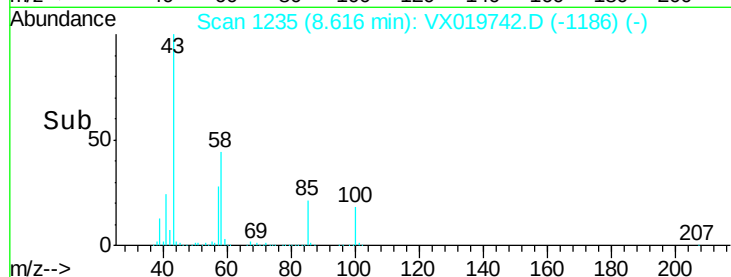
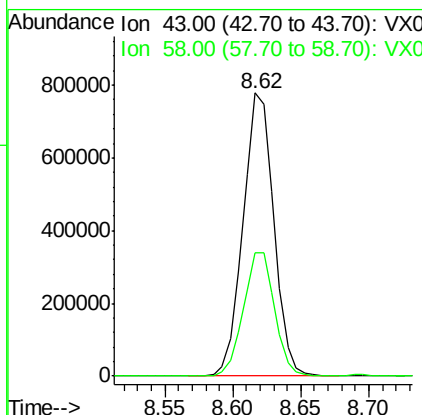
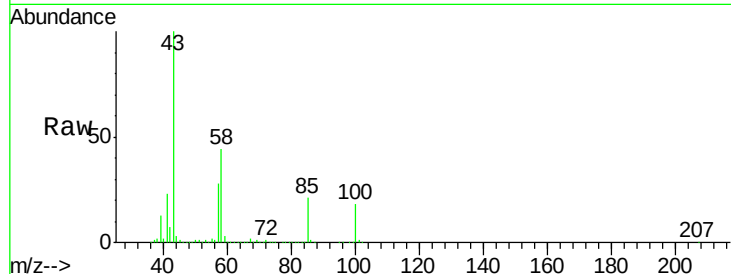
#51
 4-Methyl-2-Pentanone
 Concen: 259.483 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VX019742.D
 Acq: 05 Dec 2020 01:06

Instrument :
 MSVOA_X
 ClientSampleId :
 ID039-39MWE2S-120320MS

Tot Ion: 43 Resp: 1230636
 Ion Ratio Lower Upper
 43 100
 58 44.4 35.4 53.0

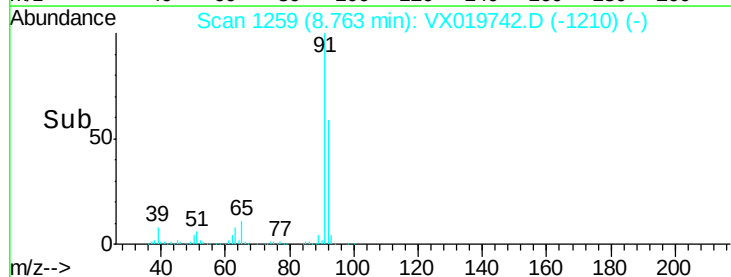
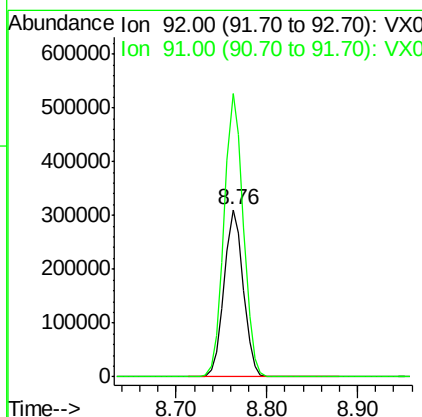
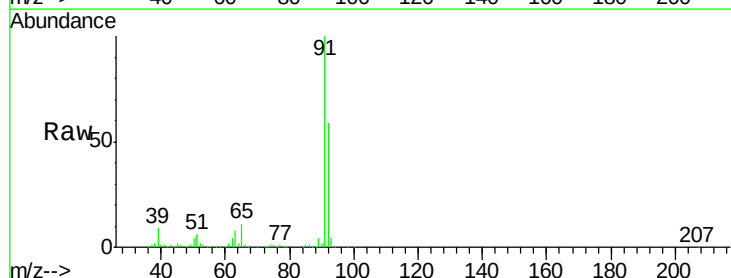
Manual Integrations
 APPROVED

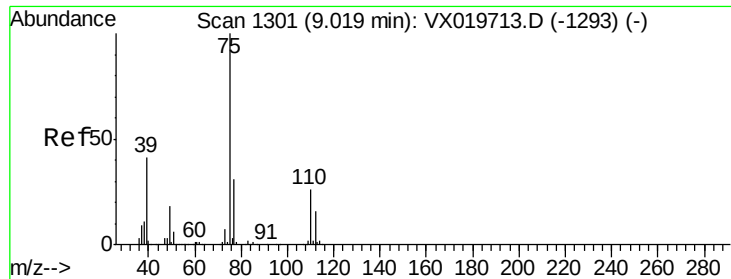
MMDadoda
 12/7/2020 10:53:15 AM



#52
 Toluene
 Concen: 50.786 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VX019742.D
 Acq: 05 Dec 2020 01:06

Tgt Ion: 92 Resp: 459161
 Ion Ratio Lower Upper
 92 100
 91 170.1 137.1 205.7





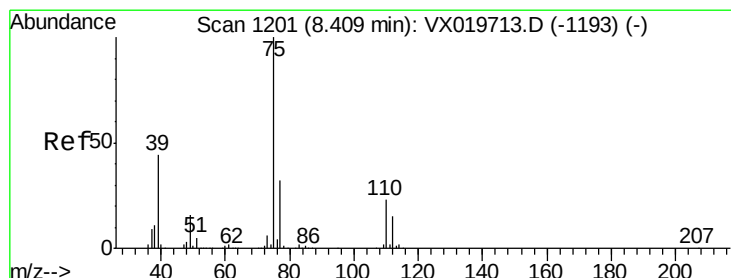
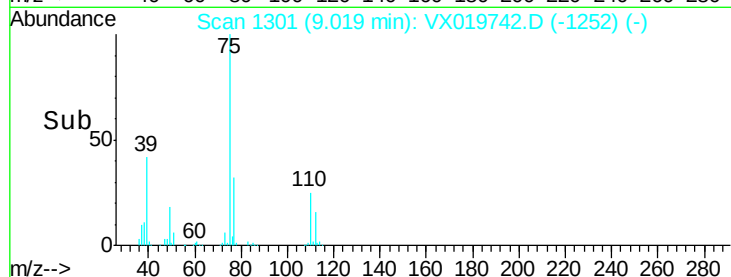
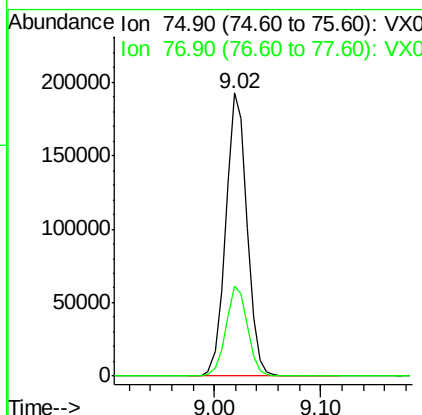
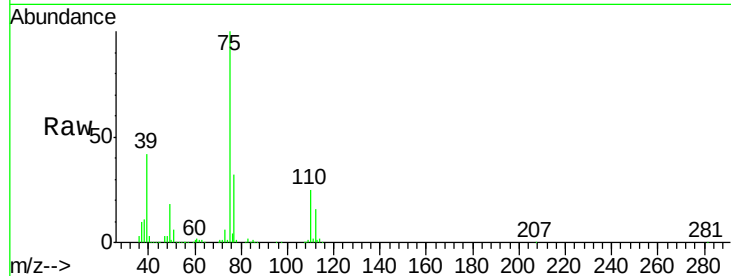
#53
 t-1,3-Dichloropropene
 Concen: 50.165 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: VX019742.D
 Acq: 05 Dec 2020 01:06

Instrument :
 MSVOA_X
 ClientSampleId :
 ID039-39MWE2S-120320MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.9	37.3

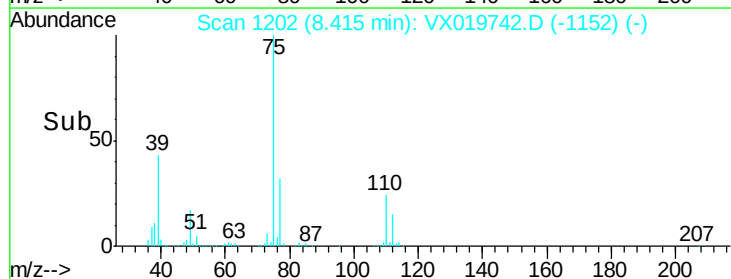
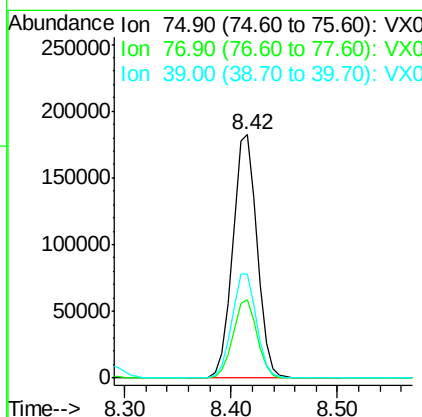
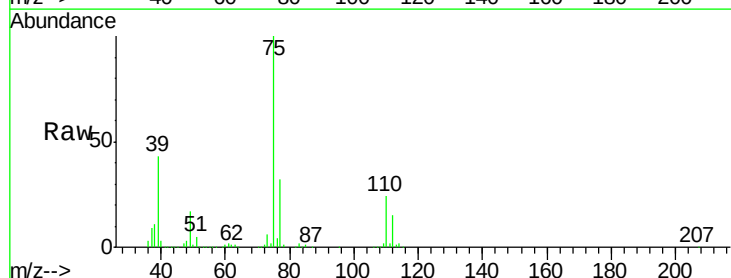
Manual Integrations
 APPROVED

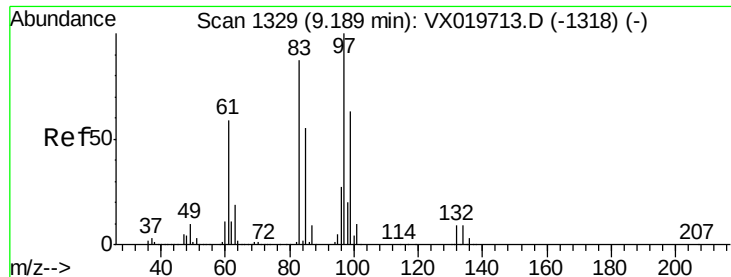
MMDadoda
 12/7/2020 10:53:15 AM



#54
 cis-1,3-Dichloropropene
 Concen: 50.229 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: VX019742.D
 Acq: 05 Dec 2020 01:06

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.7	38.5
39	42.7	35.1	52.7





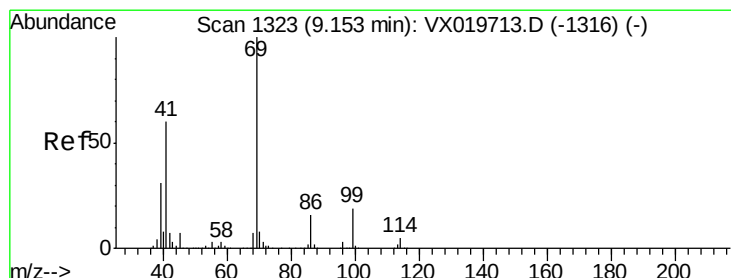
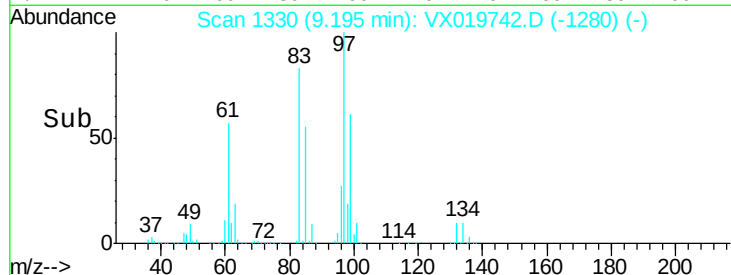
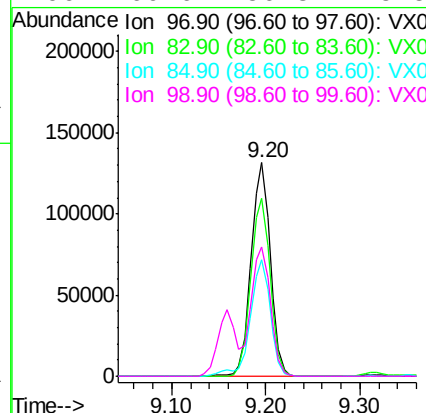
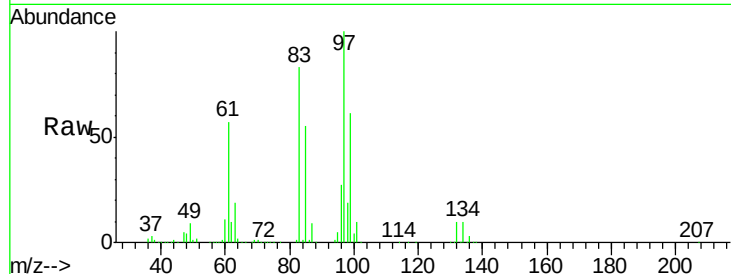
#55
 1,1,2-Trichloroethane
 Concen: 51.636 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX019742.D
 Acq: 05 Dec 2020 01:06

Instrument :
 MSVOA_X
 ClientSampleId :
 ID039-39MWE2S-120320MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		188133		
83	83.3	69.3	103.9		
85	54.7	44.3	66.5		
99	60.6	50.3	75.5		

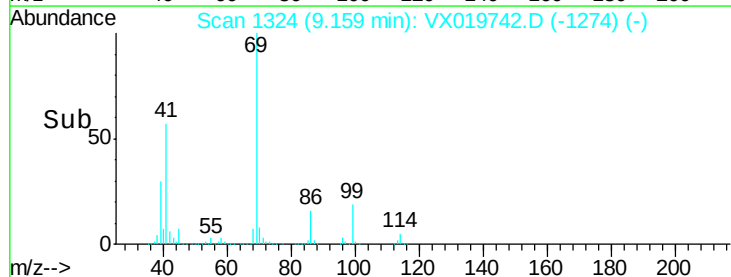
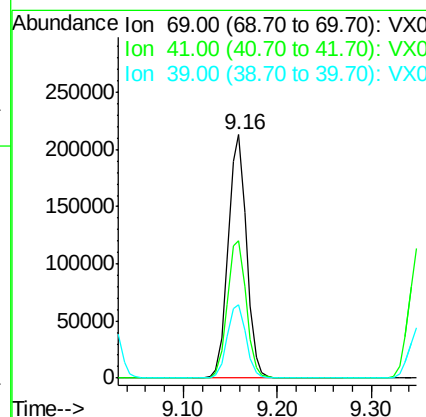
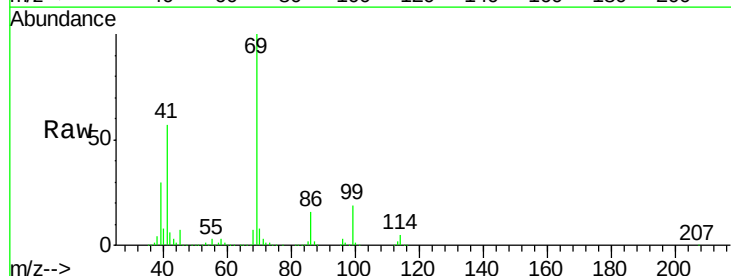
Manual Integrations
 APPROVED

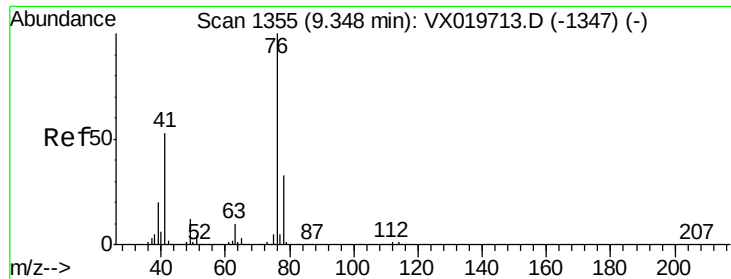
MMDadoda
 12/7/2020 10:53:15 AM



#56
 Ethyl methacrylate
 Concen: 52.156 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX019742.D
 Acq: 05 Dec 2020 01:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		287504		
41	58.0	46.8	70.2		
39	31.1	24.7	37.1		





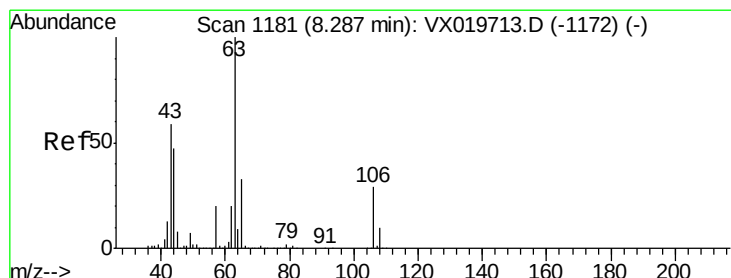
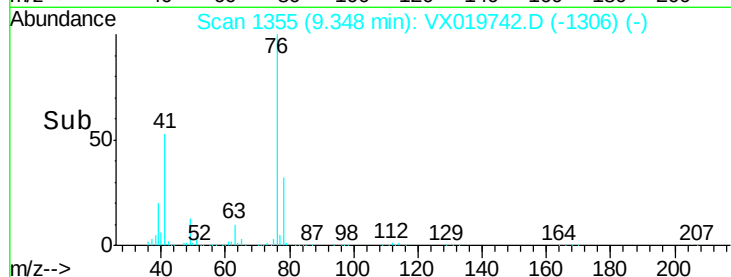
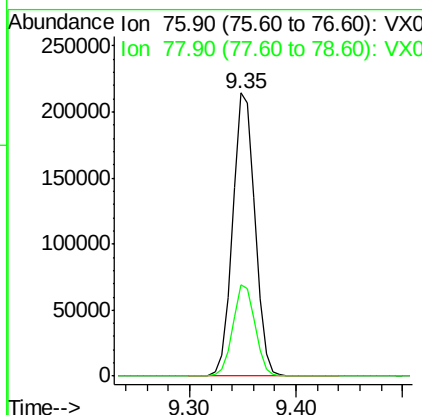
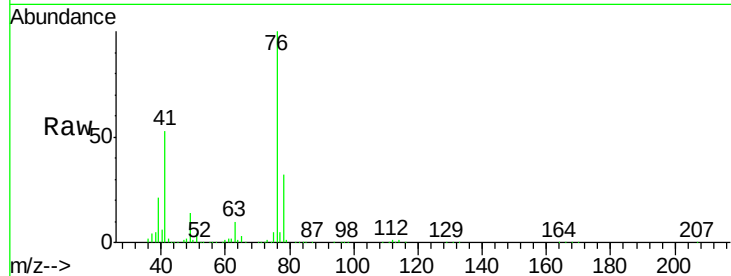
#57
 1,3-Dichloropropane
 Concen: 50.601 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: VX019742.D
 Acq: 05 Dec 2020 01:06

Instrument :
 MSVOA_X
 ClientSampleId :
 ID039-39MWE2S-120320MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.2	39.2

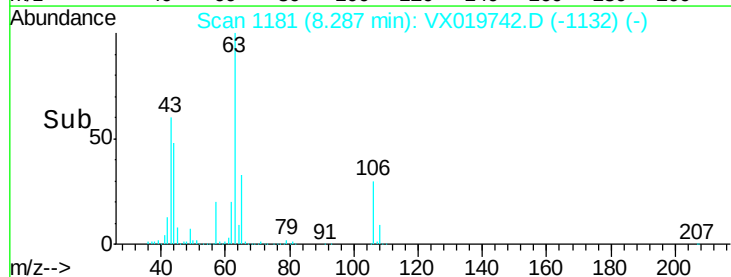
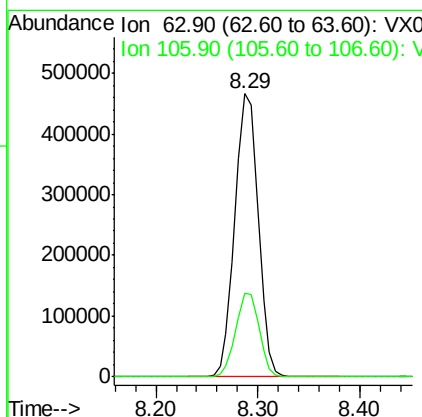
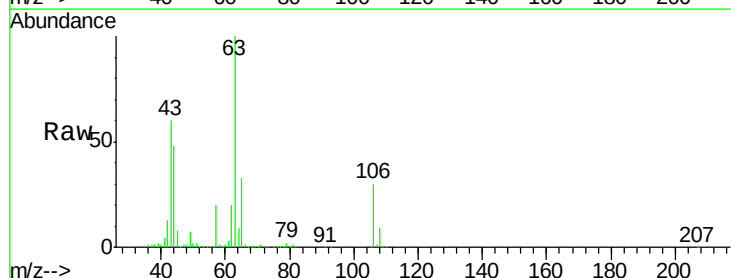
Manual Integrations
 APPROVED

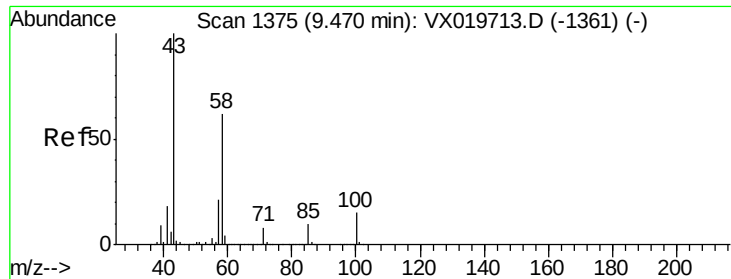
MMDadoda
 12/7/2020 10:53:15 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 252.820 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VX019742.D
 Acq: 05 Dec 2020 01:06

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.7	23.5	35.3





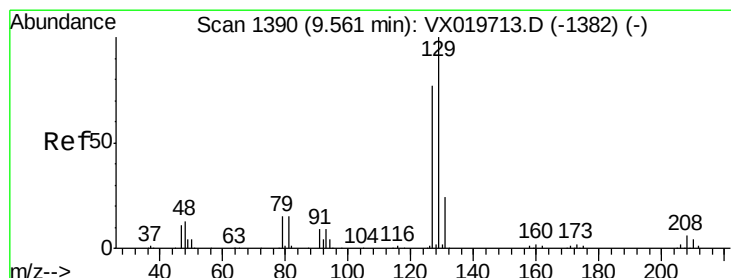
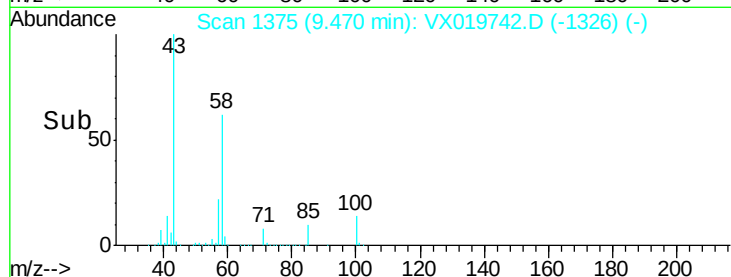
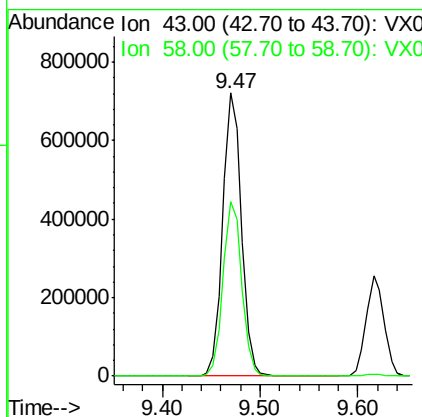
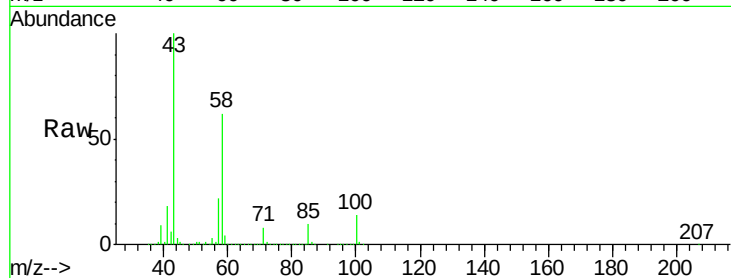
#59
2-Hexanone
Concen: 260.524 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019742.D
Acq: 05 Dec 2020 01:06

Instrument :
MSVOA_X
ClientSampleId :
ID039-39MWE2S-120320MS

Tot Ion	Ratio	Lower	Upper
43	100		
58	61.8	30.9	92.8

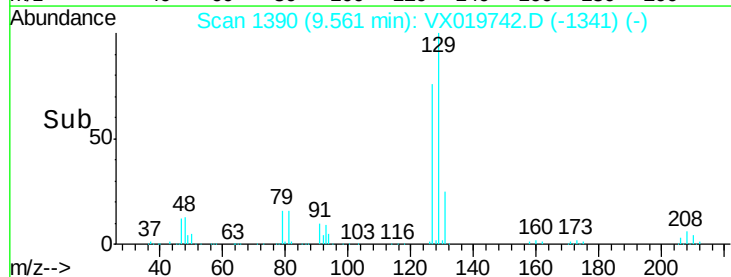
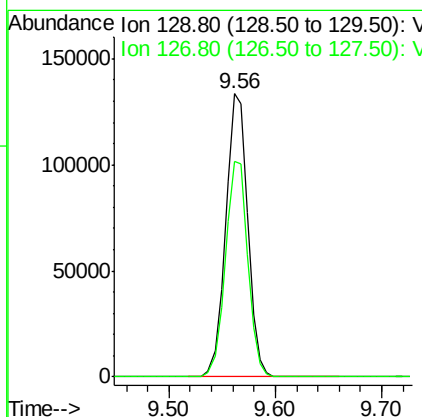
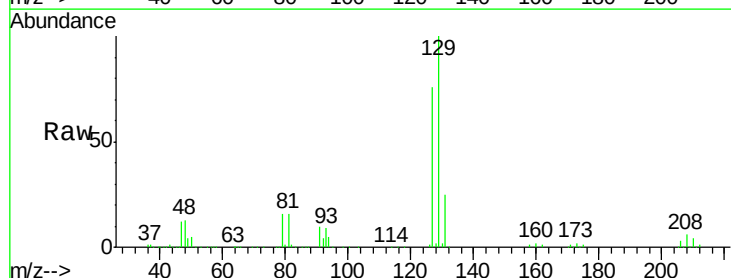
Manual Integrations
APPROVED

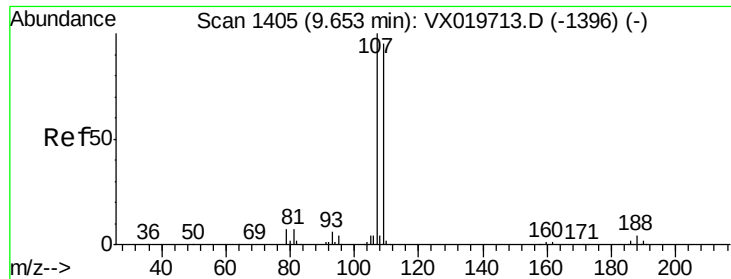
MMDadoda
12/7/2020 10:53:15 AM



#60
Dibromochloromethane
Concen: 52.298 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX019742.D
Acq: 05 Dec 2020 01:06

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.5	38.4	115.2





#61

1,2-Dibromoethane

Concen: 51.218 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019742.D

Acq: 05 Dec 2020 01:06

Instrument :

MSVOA_X

ClientSampleId :

ID039-39MWE2S-120320MS

Tot Ion: 107 Resp: 198156

Ion Ratio Lower Upper

107 100

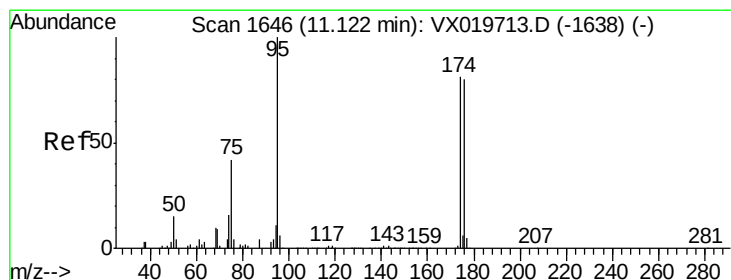
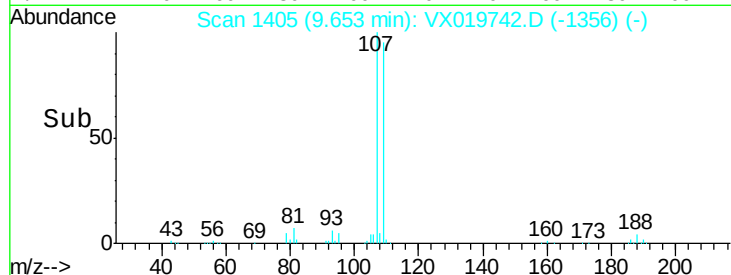
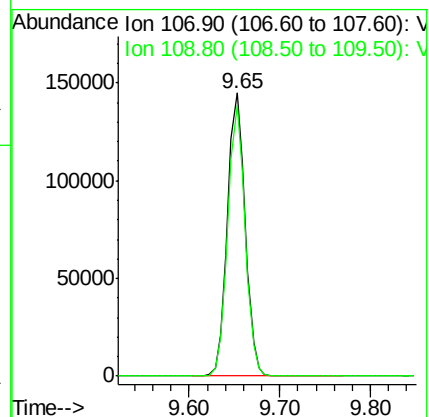
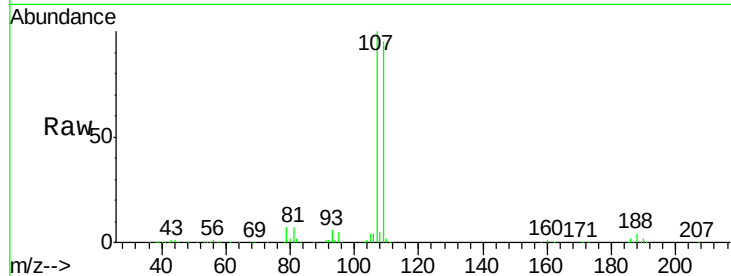
109 93.9 75.8 113.6

Manual Integrations

APPROVED

MMDadoda

12/7/2020 10:53:15 AM



#62

4-Bromofluorobenzene

Concen: 51.356 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019742.D

Acq: 05 Dec 2020 01:06

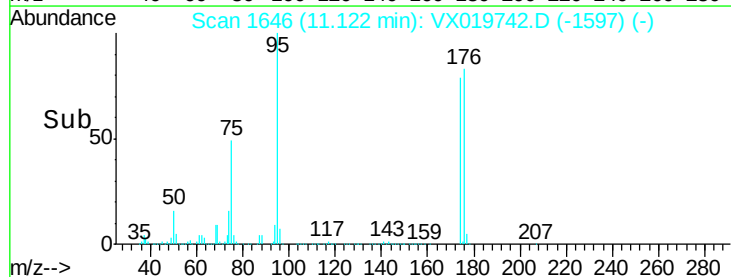
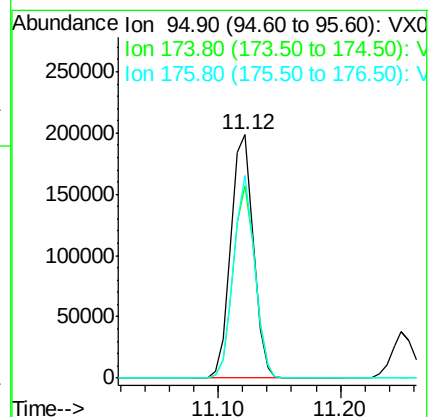
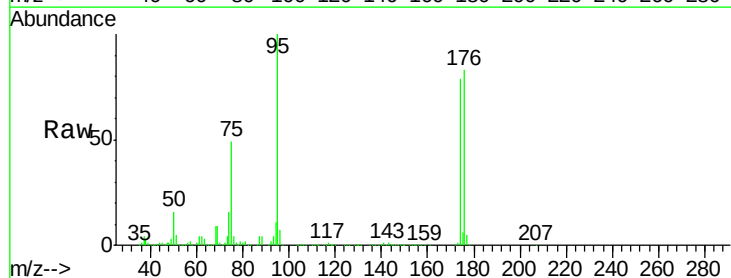
Tgt Ion: 95 Resp: 252571

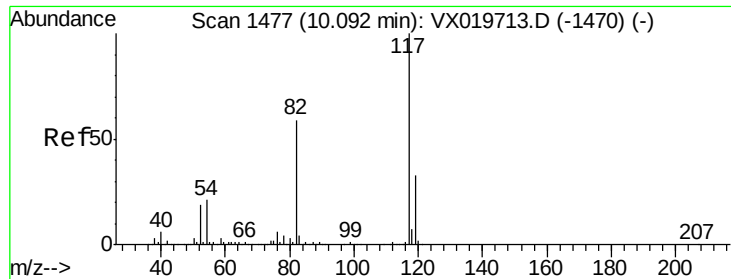
Ion Ratio Lower Upper

95 100

174 76.8 0.0 154.6

176 77.6 0.0 155.8





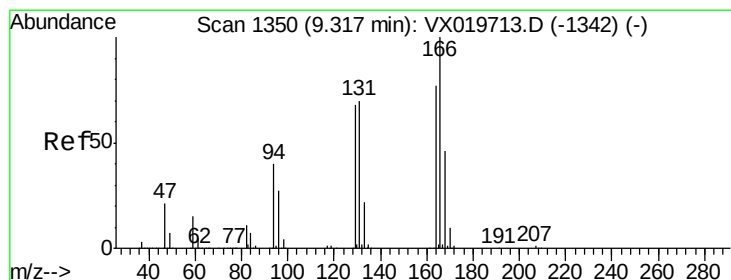
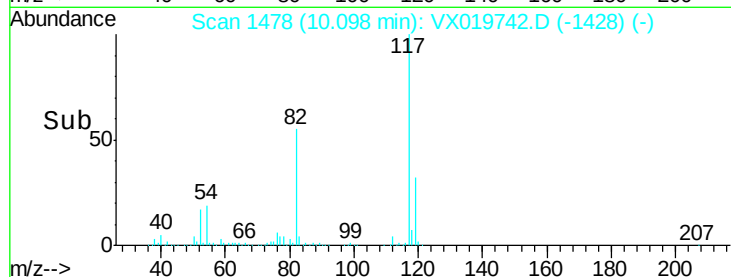
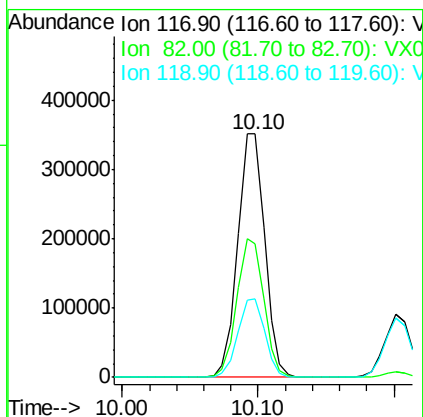
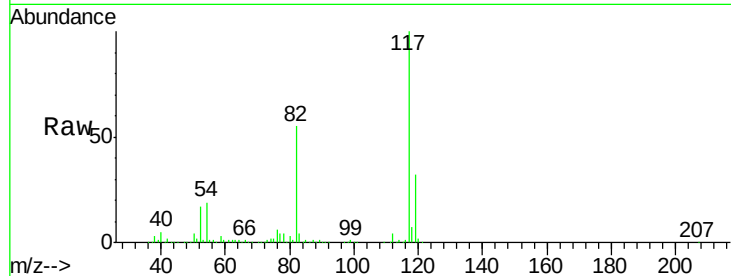
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX019742.D
Acq: 05 Dec 2020 01:06

Instrument :
MSVOA_X
ClientSampleId :
ID039-39MWE2S-120320MS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	486975		
82	54.8		47.4	71.2
119	32.4		26.6	39.8

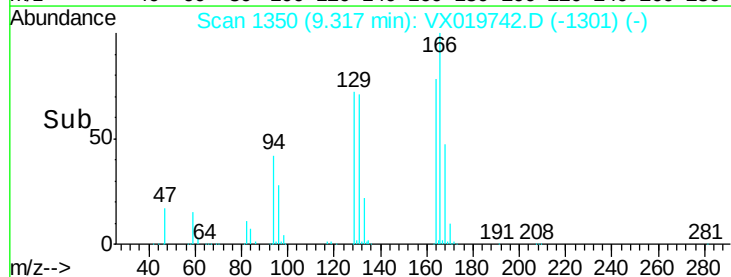
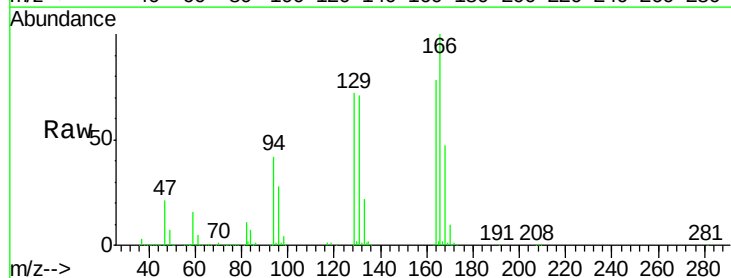
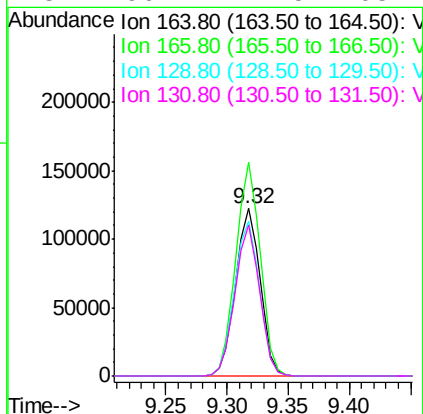
Manual Integrations
APPROVED

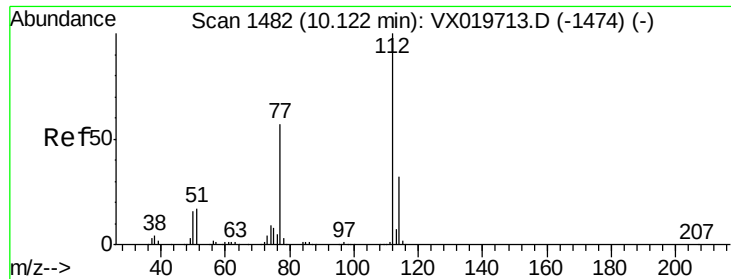
MMDadoda
12/7/2020 10:53:15 AM



#64
Tetrachloroethene
Concen: 52.114 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019742.D
Acq: 05 Dec 2020 01:06

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	170190		
166	127.8		103.4	155.2
129	92.3		70.8	106.2
131	90.4		72.5	108.7





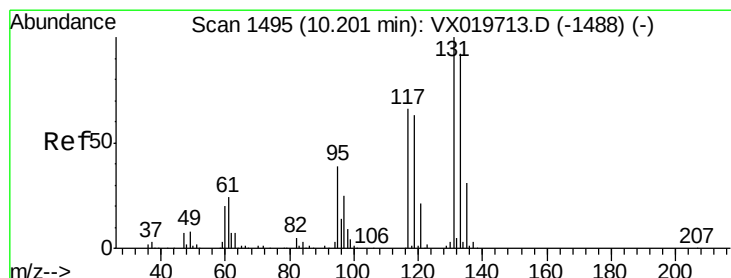
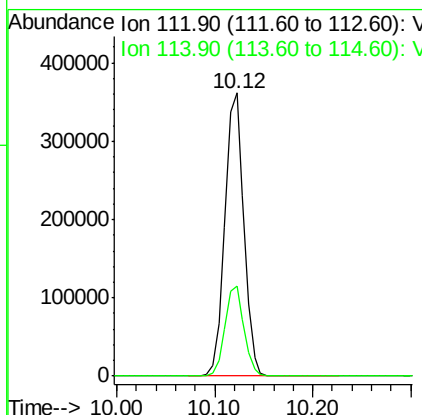
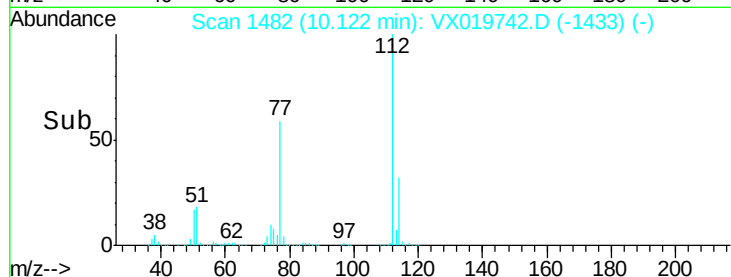
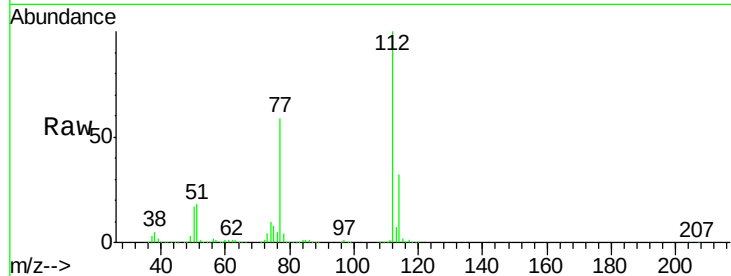
#65
Chlorobenzene
Concen: 50.043 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019742.D
Acq: 05 Dec 2020 01:06

Instrument :
MSVOA_X
ClientSampleId :
ID039-39MWE2S-120320MS

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.8	38.6

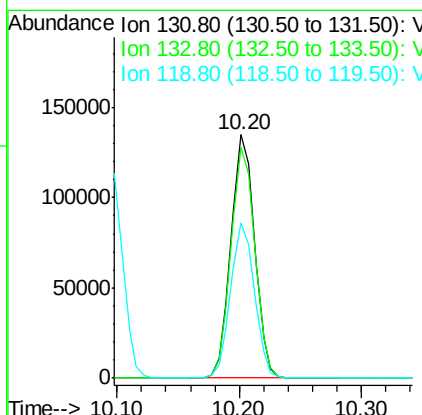
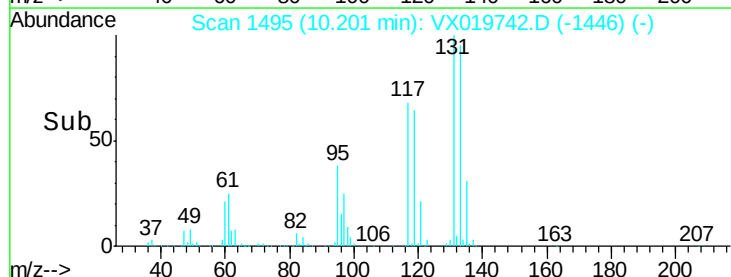
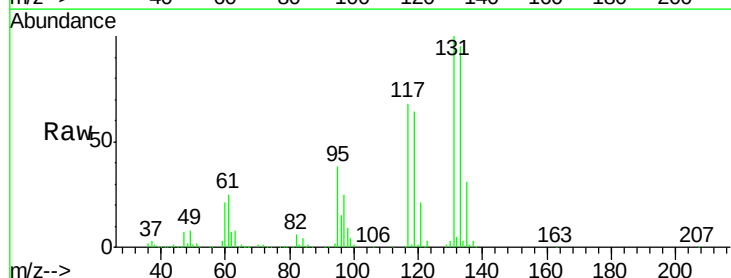
Manual Integrations
APPROVED

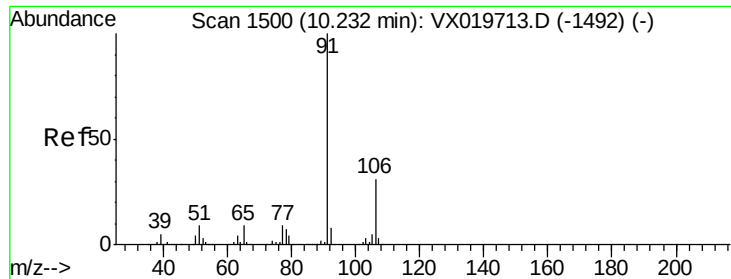
MMDadoda
12/7/2020 10:53:15 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.404 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019742.D
Acq: 05 Dec 2020 01:06

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.1	47.7	143.1
119	64.3	32.1	96.5





#67

Ethyl Benzene

Concen: 51.302 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX019742.D

Acq: 05 Dec 2020 01:06

Instrument :

MSVOA_X

ClientSampleId :

ID039-39MWE2S-120320MS

Tot Ion: 91 Resp: 883481

Ion Ratio Lower Upper

91 100

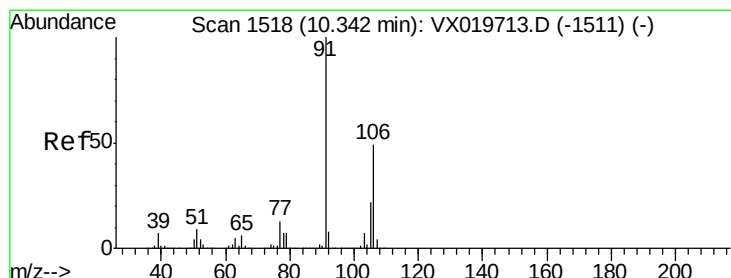
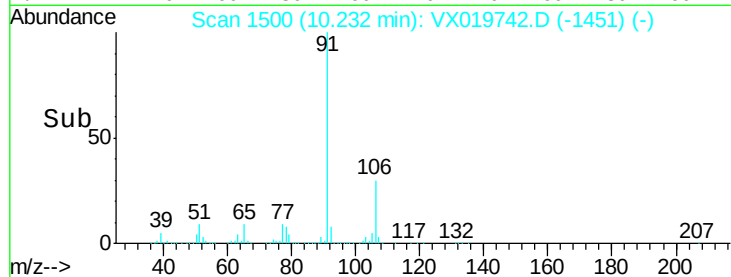
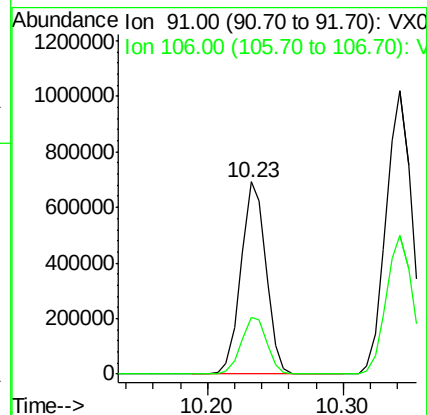
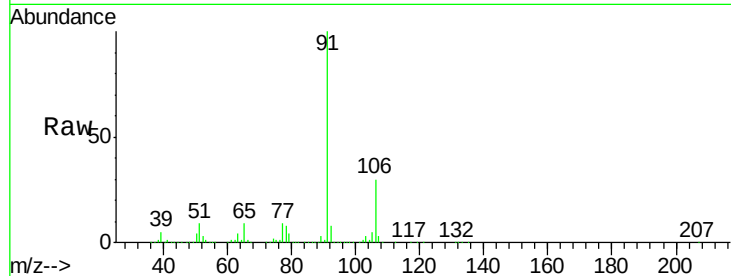
106 29.8 24.6 37.0

Manual Integrations

APPROVED

MMDadoda

12/7/2020 10:53:15 AM



#68

m/p-Xylenes

Concen: 102.788 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX019742.D

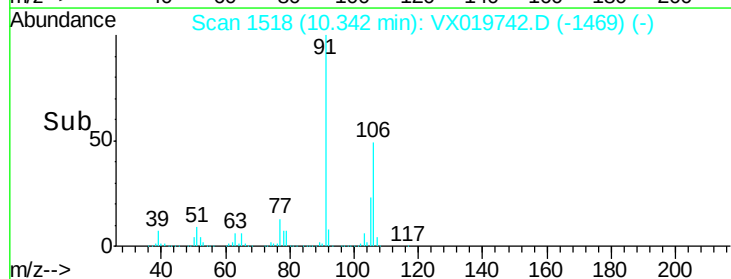
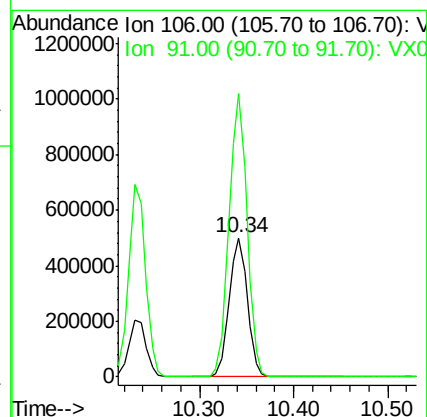
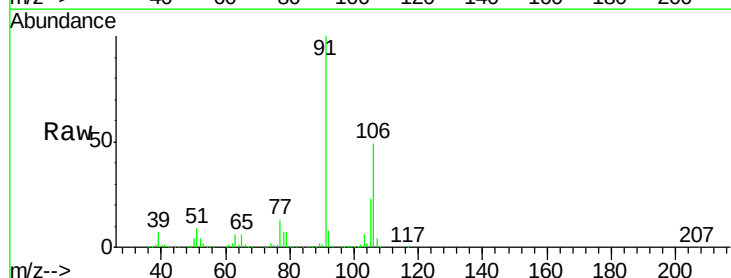
Acq: 05 Dec 2020 01:06

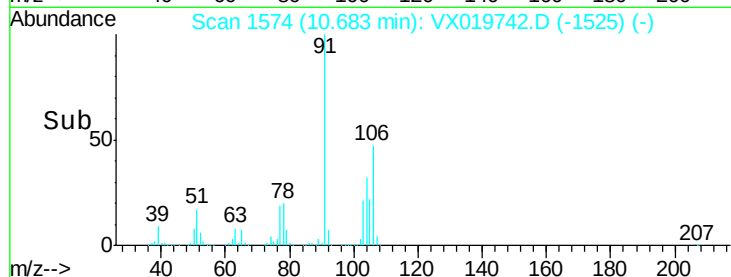
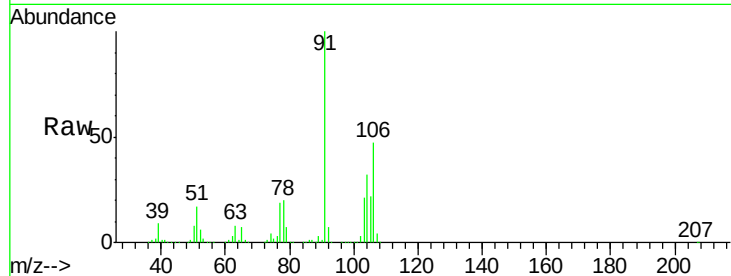
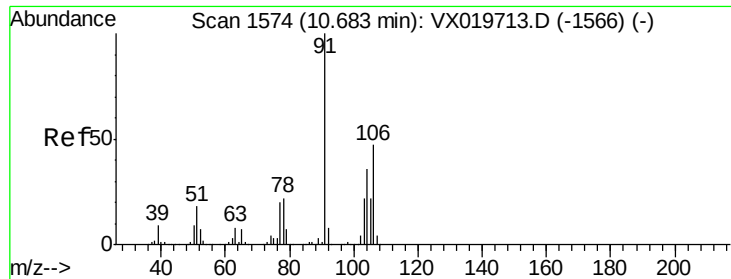
Tgt Ion: 106 Resp: 667014

Ion Ratio Lower Upper

106 100

91 202.3 162.8 244.2





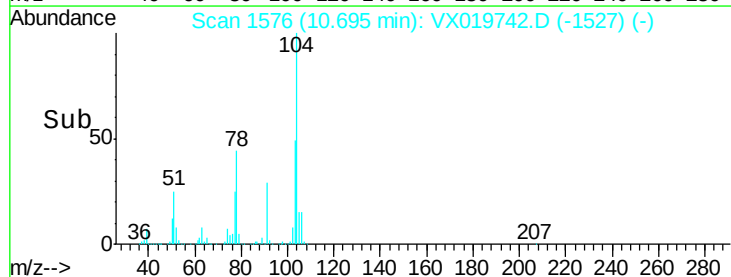
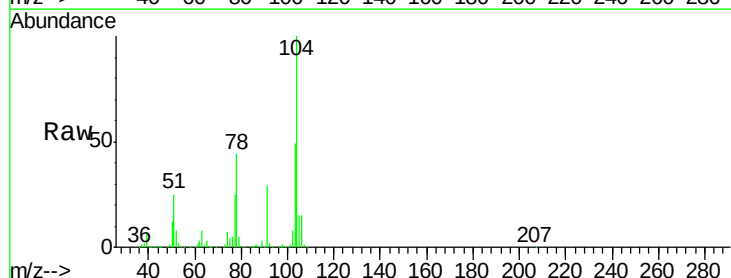
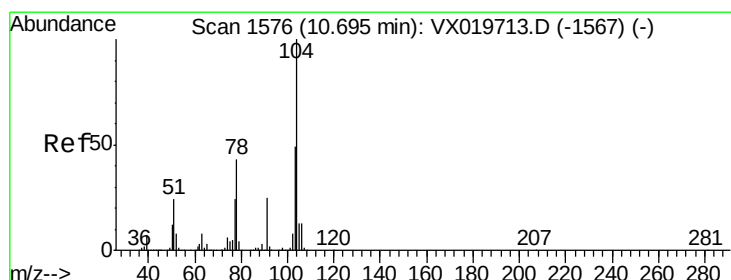
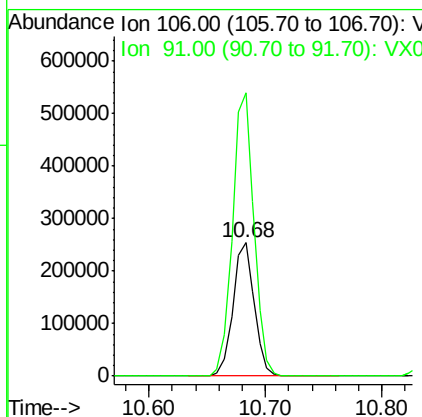
#69
o-Xylene
Concen: 51.820 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019742.D
Acq: 05 Dec 2020 01:06

Tot Ion:106 Resp: 323477
Ion Ratio Lower Upper
106 100
91 213.6 108.1 324.2

Instrument :
MSVOA_X
ClientSampleId :
ID039-39MWE2S-120320MS

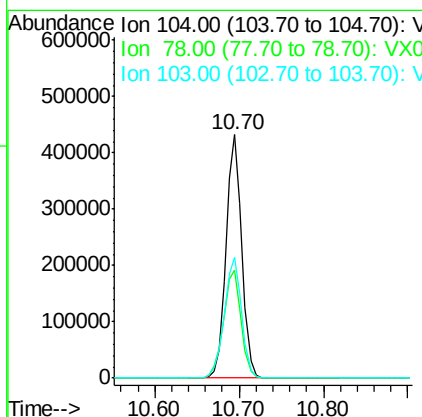
Manual Integrations
APPROVED

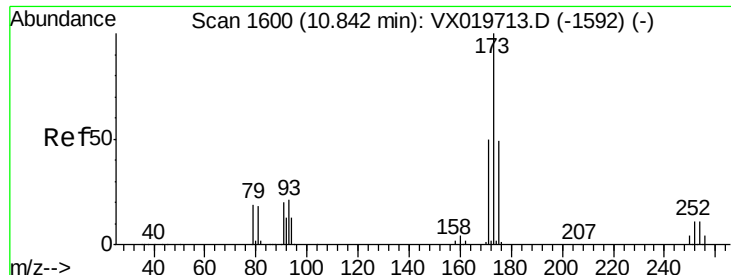
MMDadoda
12/7/2020 10:53:15 AM



#70
Styrene
Concen: 52.231 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019742.D
Acq: 05 Dec 2020 01:06

Tgt Ion:104 Resp: 550317
Ion Ratio Lower Upper
104 100
78 49.6 40.0 60.0
103 54.4 43.4 65.0





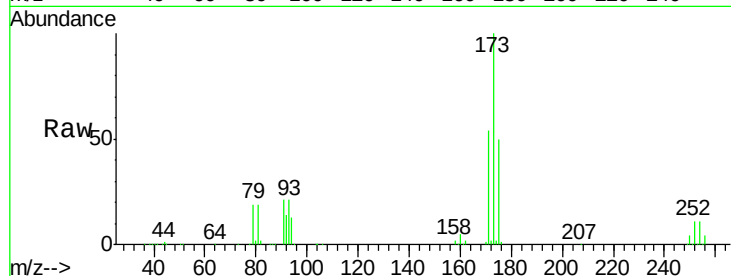
#71
Bromoform
Concen: 53.368 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX019742.D
Acq: 05 Dec 2020 01:06

Instrument :
MSVOA_X
ClientSampleId :
ID039-39MWE2S-120320MS

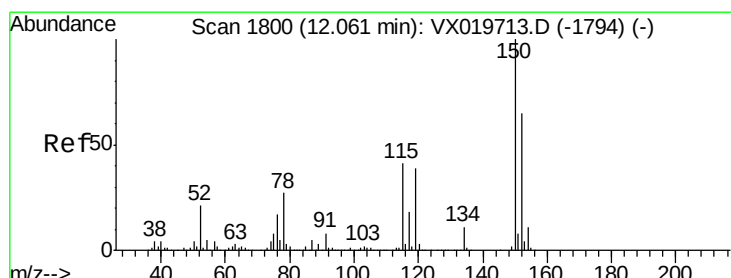
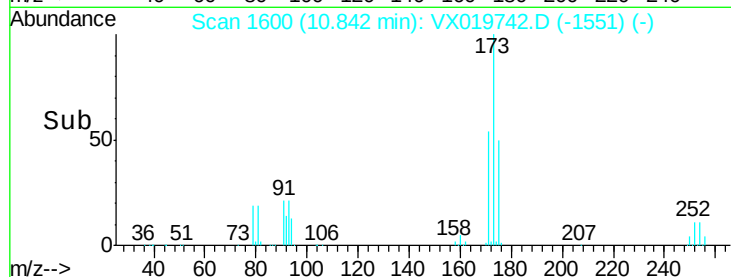
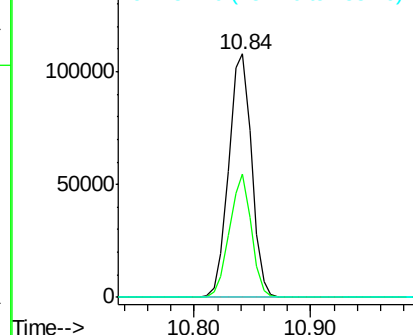
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	23.9	71.8
254	0.2	0.1	0.1#

Manual Integrations
APPROVED

MMDadoda
12/7/2020 10:53:15 AM

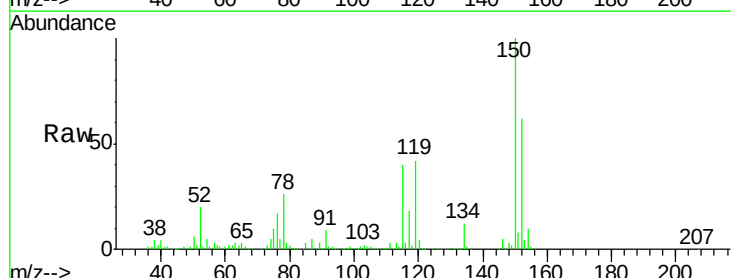


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

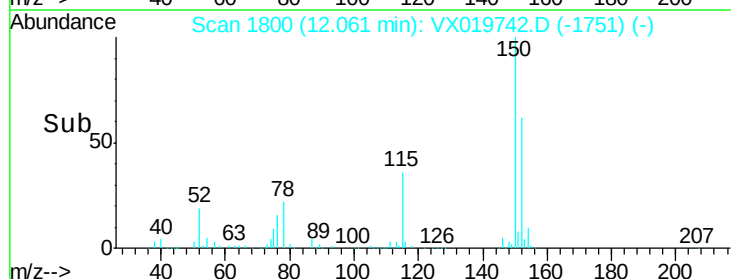
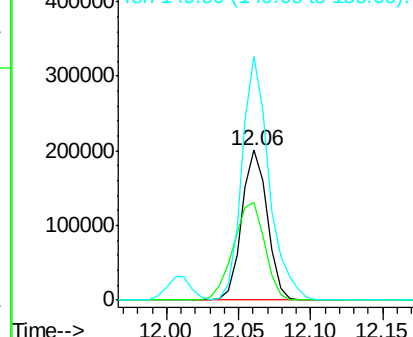


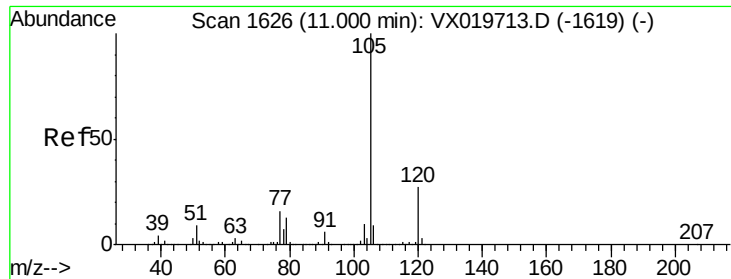
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019742.D
Acq: 05 Dec 2020 01:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	81.3	41.1	123.3
150	172.7	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: 50.607 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019742.D

Acq: 05 Dec 2020 01:06

Instrument :

MSVOA_X

ClientSampleId :

ID039-39MWE2S-120320MS

Tot Ion: 105 Resp: 856494

Ion Ratio Lower Upper

105 100

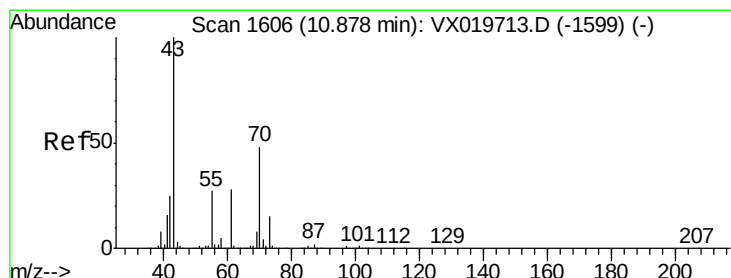
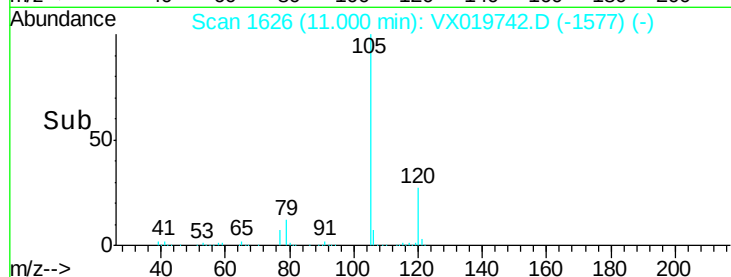
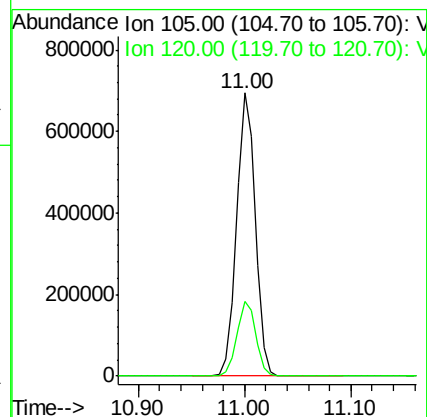
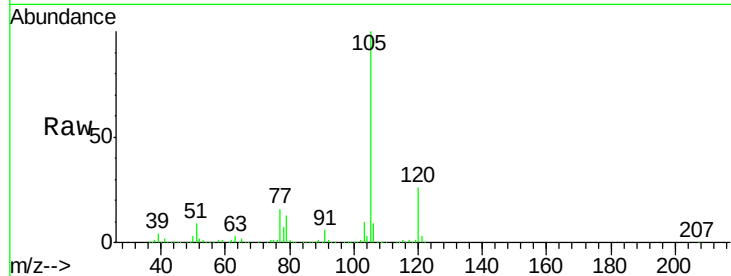
120 26.5 13.2 39.6

Manual Integrations

APPROVED

MMDadoda

12/7/2020 10:53:15 AM



#74

N-ethyl acetate

Concen: 47.141 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019742.D

Acq: 05 Dec 2020 01:06

Tgt Ion: 43 Resp: 319723

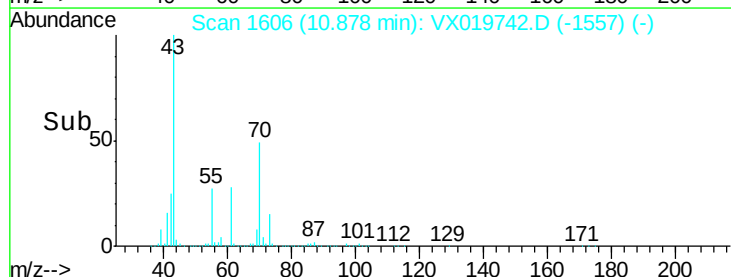
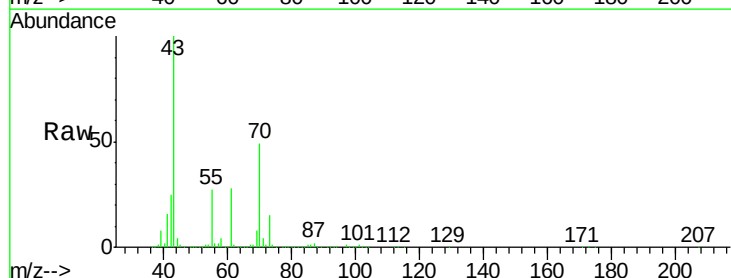
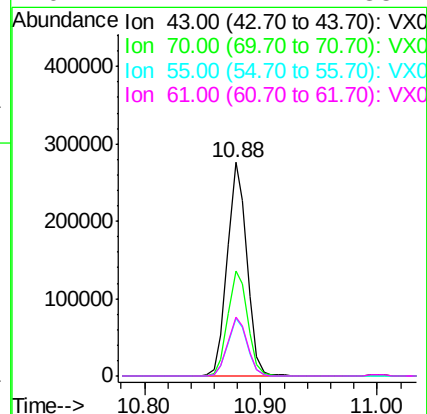
Ion Ratio Lower Upper

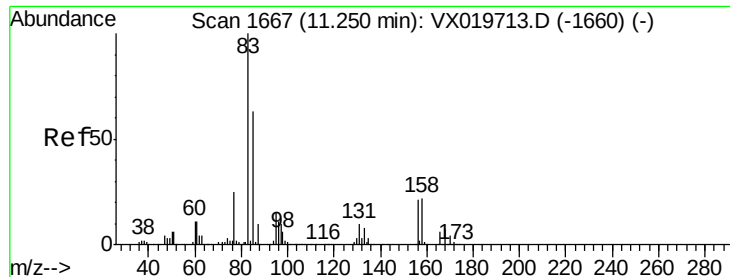
43 100

70 50.2 39.0 58.6

55 27.3 21.5 32.3

61 27.7 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 50.768 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019742.D

Acq: 05 Dec 2020 01:06

Instrument :

MSVOA_X

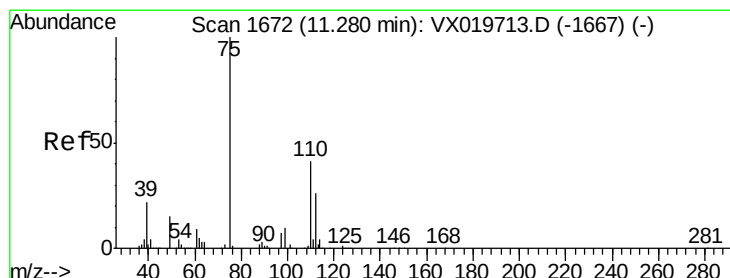
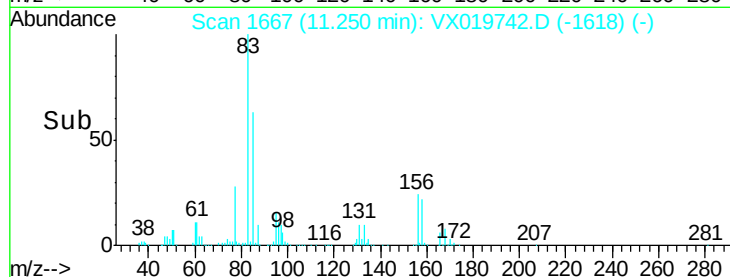
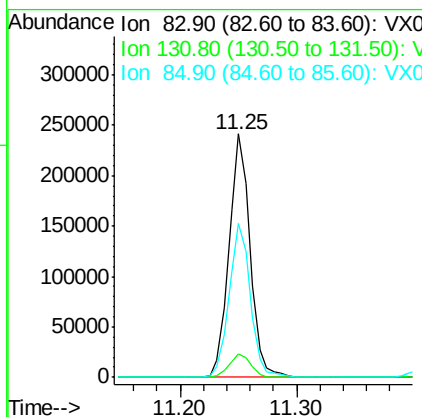
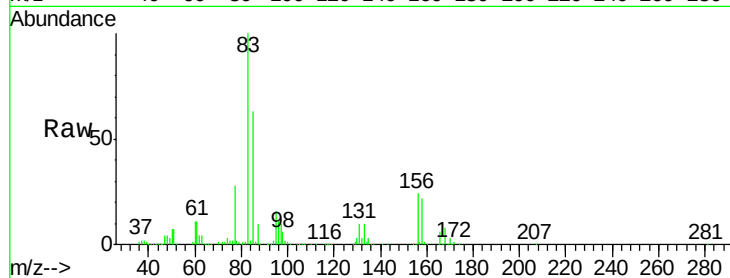
ClientSampleId :

ID039-39MWE2S-120320MS

Tot Ion:	83	Resp:	302924
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.1	15.2
85	64.2	31.8	95.4

Manual Integrations
APPROVED

MMDadoda
12/7/2020 10:53:15 AM



#76

1,2,3-Trichloropropane

Concen: 50.497 ug/l m

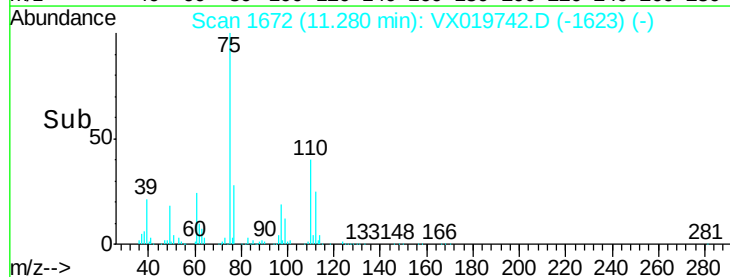
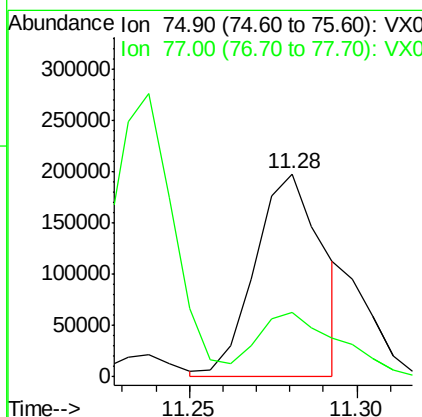
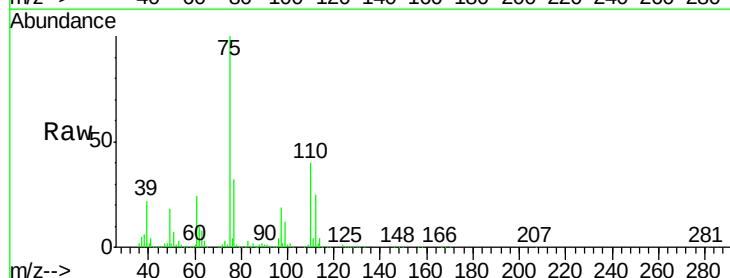
RT: 11.28 min Scan# 1672

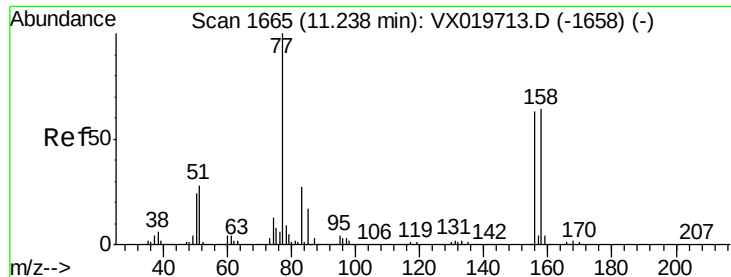
Delta R.T. 0.00 min

Lab File: VX019742.D

Acq: 05 Dec 2020 01:06

Tgt Ion:	75	Resp:	280563
Ion Ratio	Lower	Upper	
75	100		
77	38.3	19.1	57.5





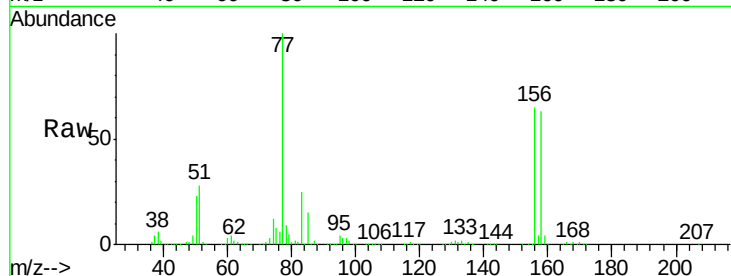
#77
Bromobenzene
Concen: 50.558 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VX019742.D
Acq: 05 Dec 2020 01:06

Instrument :
MSVOA_X
ClientSampleId :
ID039-39MWE2S-120320MS

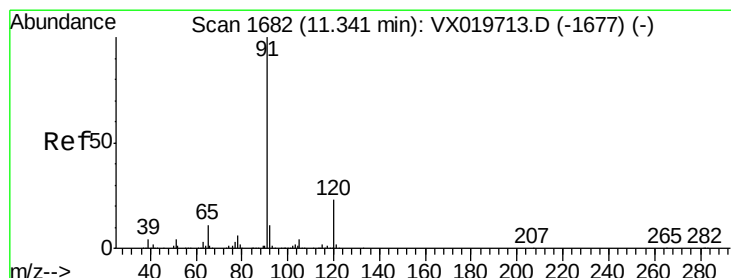
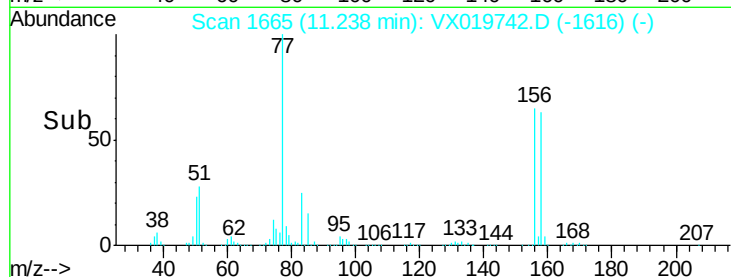
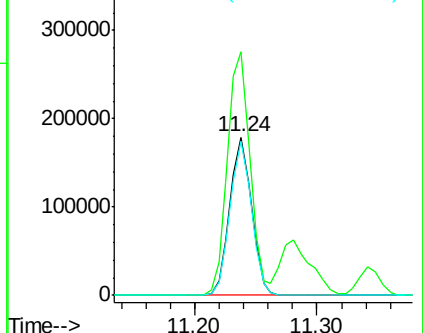
Tot Ion	Ratio	Lower	Upper
156	100		
77	162.0	82.8	248.6
158	96.8	49.1	147.4

Manual Integrations
APPROVED

MMDadoda
12/7/2020 10:53:15 AM

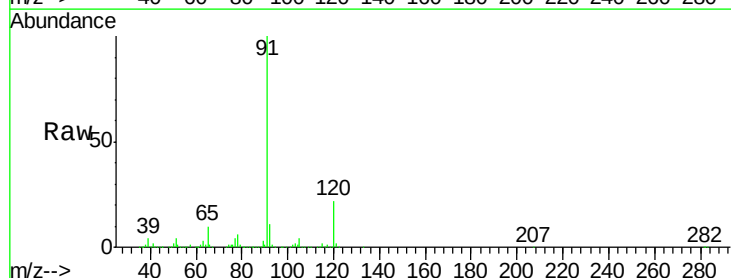


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V

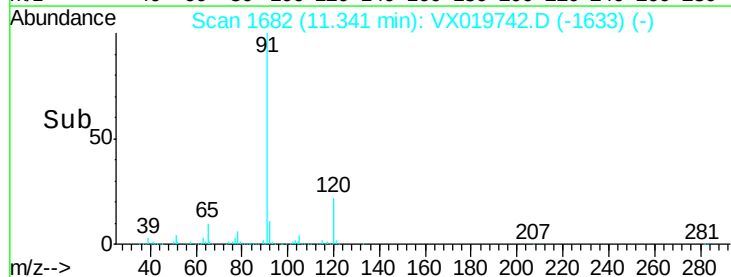
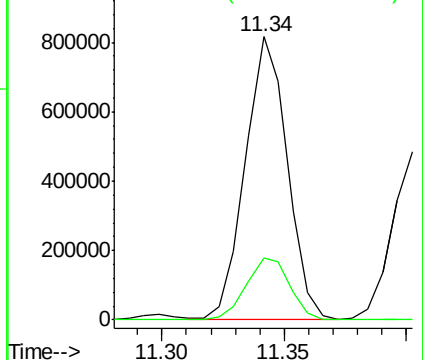


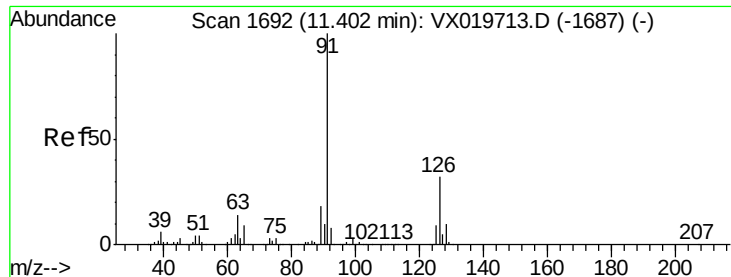
#78
n-propylbenzene
Concen: 50.357 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VX019742.D
Acq: 05 Dec 2020 01:06

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.8	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: 49.652 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019742.D

Acq: 05 Dec 2020 01:06

Instrument :

MSVOA_X

ClientSampleId :

ID039-39MWE2S-120320MS

Tot Ion: 91 Resp: 591042

Ion Ratio Lower Upper

91 100

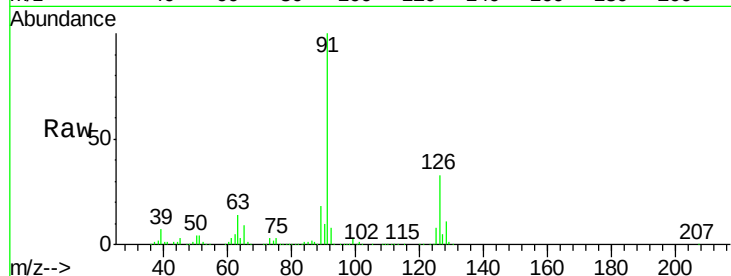
126 33.1 16.6 49.8

Manual Integrations

APPROVED

MMDadoda

12/7/2020 10:53:15 AM



Abundance Ion 91.00 (90.70 to 91.70): VX019713.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX019713.D (-1687) (-)

800000

600000

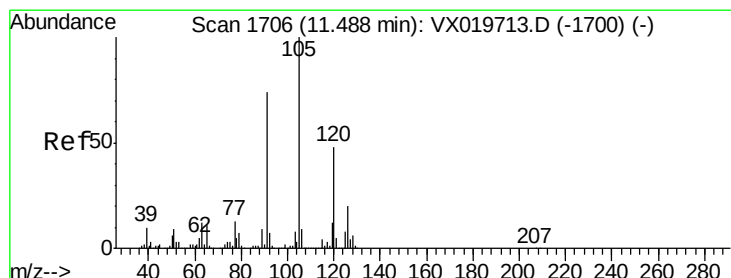
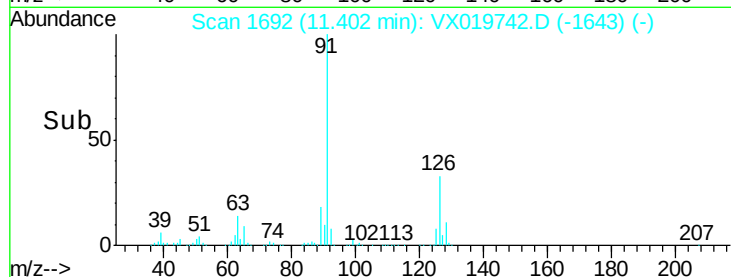
400000

200000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.602 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019742.D

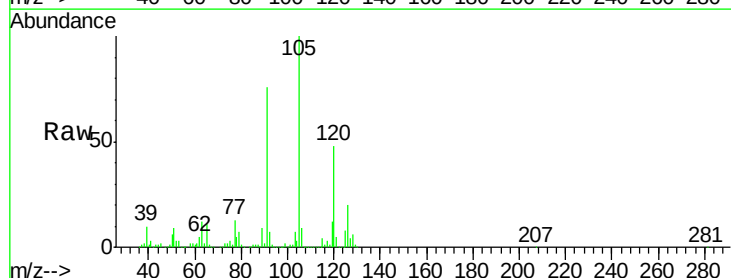
Acq: 05 Dec 2020 01:06

Tgt Ion: 105 Resp: 722778

Ion Ratio Lower Upper

105 100

120 48.3 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): VX019713.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX019713.D (-1700) (-)

600000

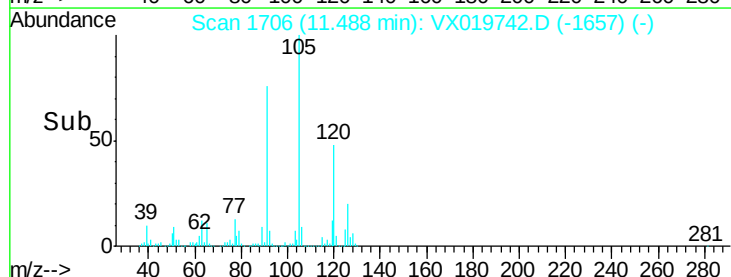
400000

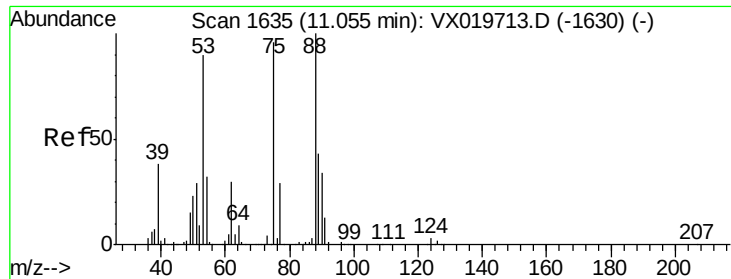
200000

0

11.40 11.50

Time-->





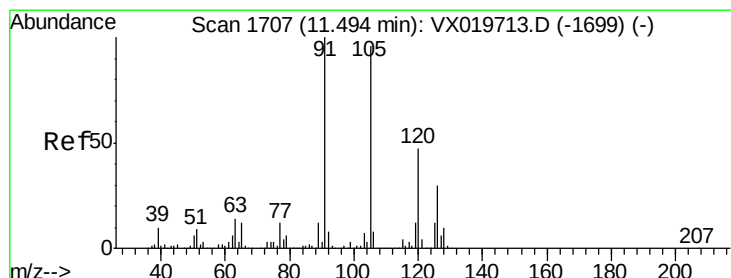
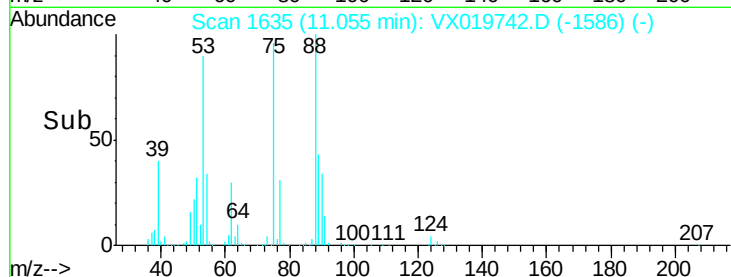
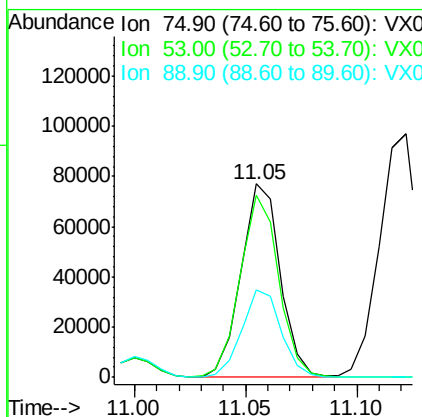
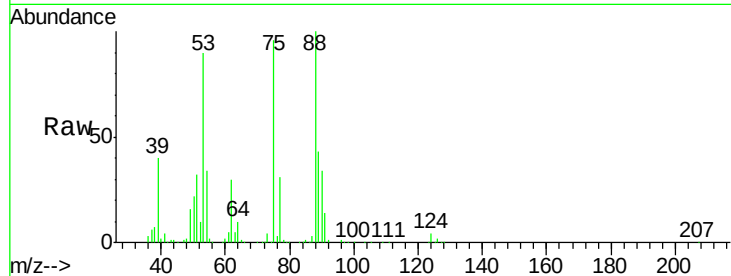
#81
trans-1,4-Dichloro-2-butene
Concen: 49.190 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX019742.D
Acq: 05 Dec 2020 01:06

Instrument :
MSVOA_X
ClientSampleId :
ID039-39MWE2S-120320MS

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.7	74.5	111.7
89	45.7	37.9	56.9

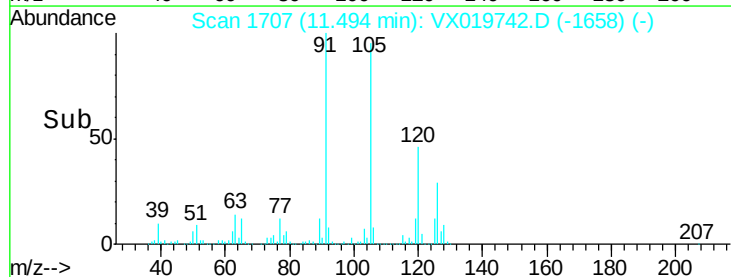
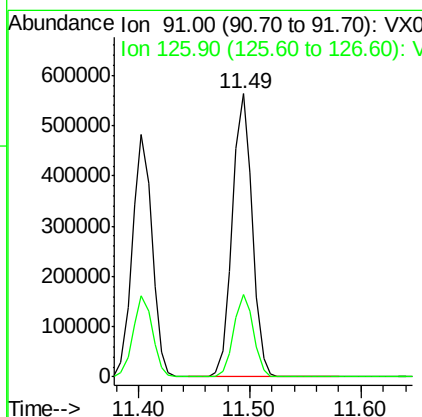
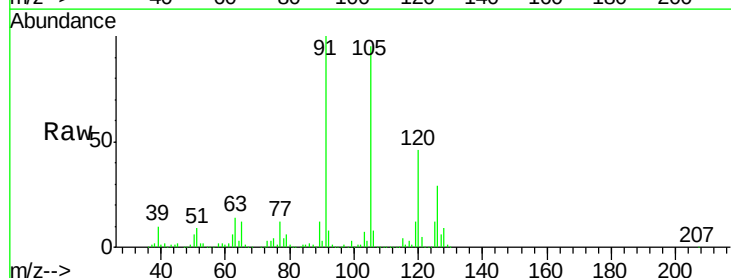
Manual Integrations
APPROVED

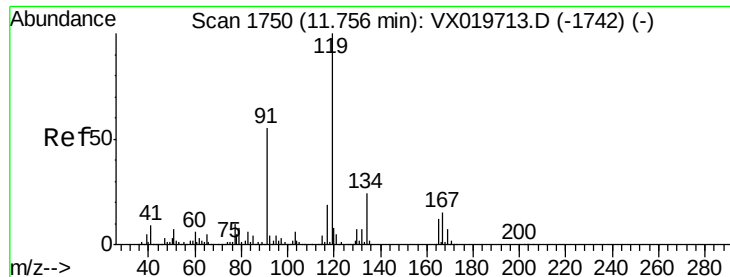
MMDadoda
12/7/2020 10:53:15 AM



#82
4-Chlorotoluene
Concen: 49.852 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX019742.D
Acq: 05 Dec 2020 01:06

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.9	14.9	44.5





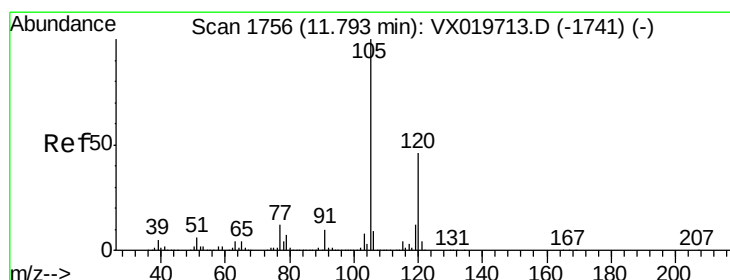
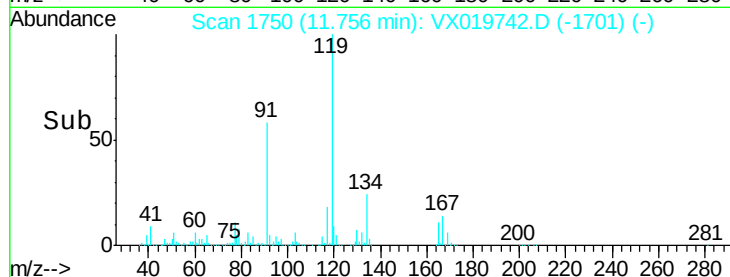
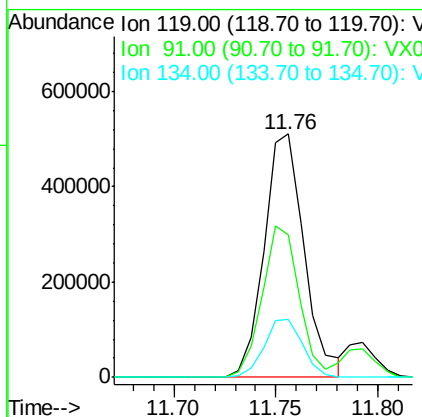
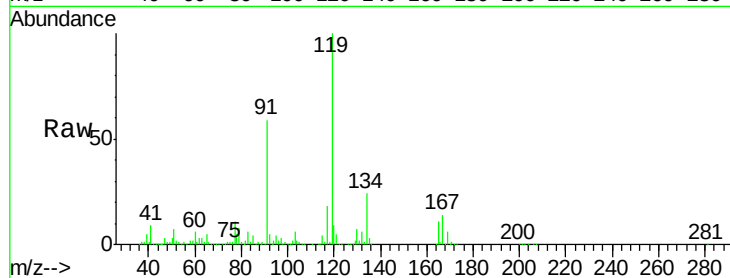
#83
 tert-Butylbenzene
 Concen: 49.845 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX019742.D
 Acq: 05 Dec 2020 01:06

Instrument :
 MSVOA_X
 ClientSampleId :
 ID039-39MWE2S-120320MS

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.5	27.9	83.7
134	23.1	11.3	33.9

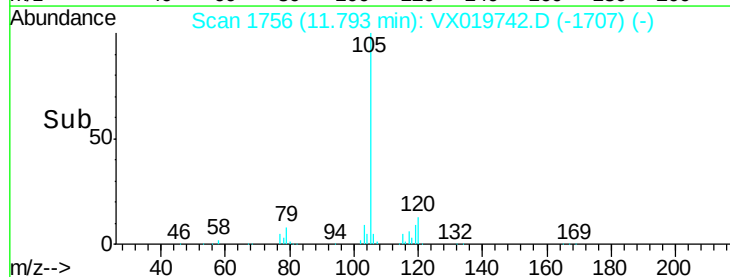
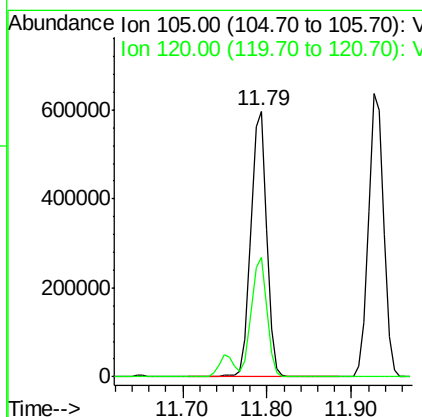
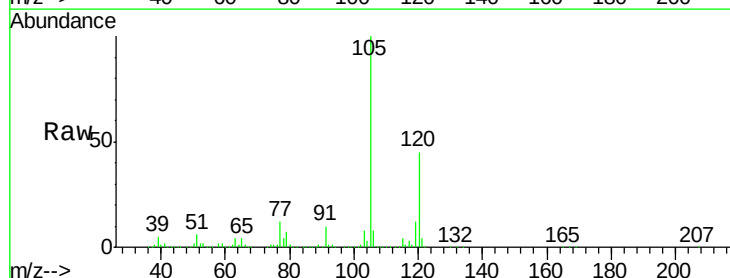
Manual Integrations
 APPROVED

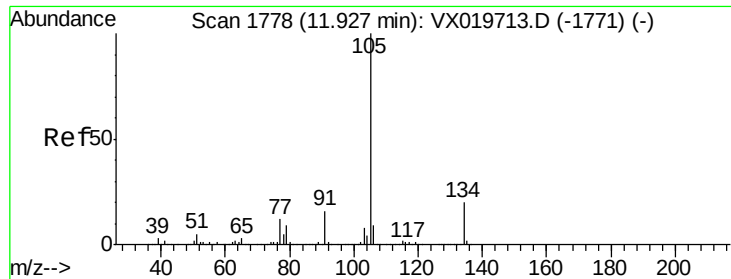
MMDadoda
 12/7/2020 10:53:15 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 51.409 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX019742.D
 Acq: 05 Dec 2020 01:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.4	67.3





#85

sec-Butylbenzene

Concen: 49.997 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX019742.D

Acq: 05 Dec 2020 01:06

Instrument :

MSVOA_X

ClientSampleId :

ID039-39MWE2S-120320MS

Tot Ion:105 Resp: 799652

Ion Ratio Lower Upper

105 100

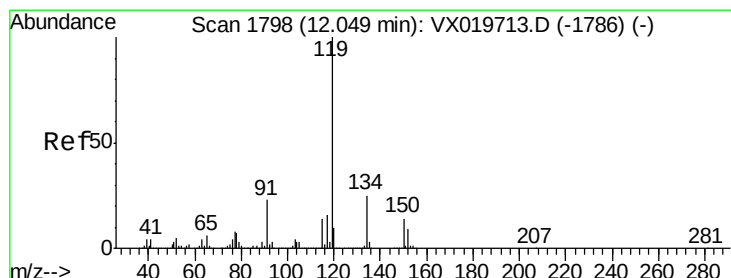
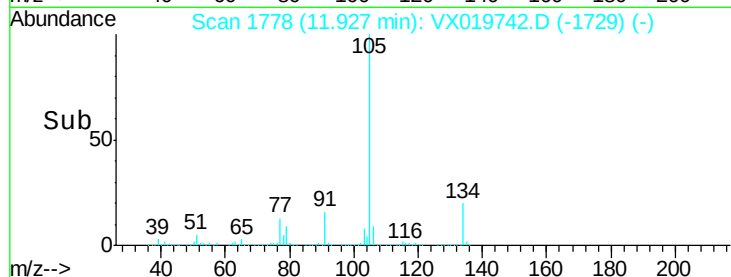
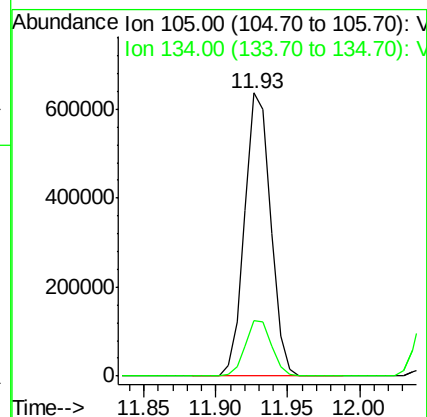
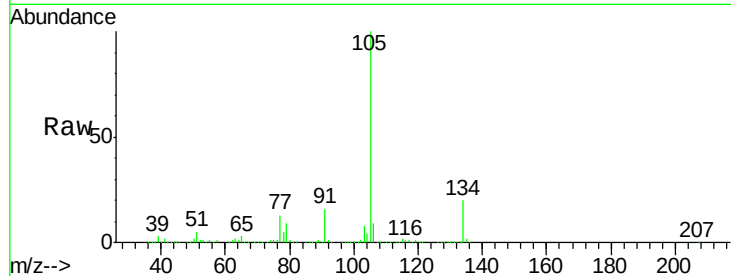
134 19.9 10.0 29.8

Manual Integrations

APPROVED

MMDadoda

12/7/2020 10:53:15 AM



#86

p-Isopropyltoluene

Concen: 50.177 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX019742.D

Acq: 05 Dec 2020 01:06

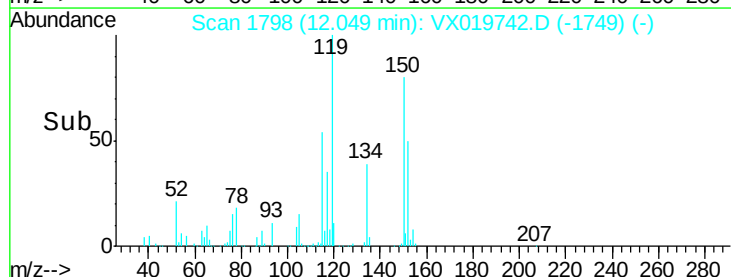
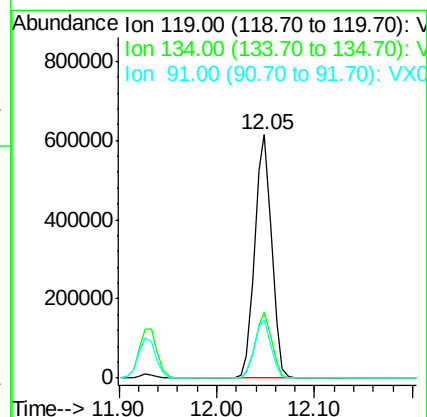
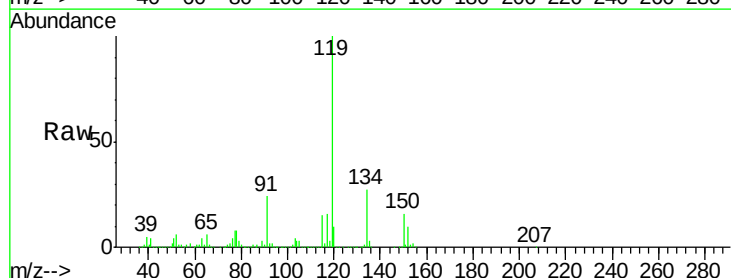
Tgt Ion:119 Resp: 735501

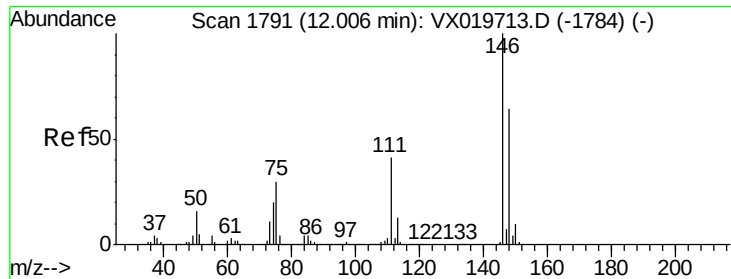
Ion Ratio Lower Upper

119 100

134 26.4 12.9 38.7

91 23.9 11.7 35.0





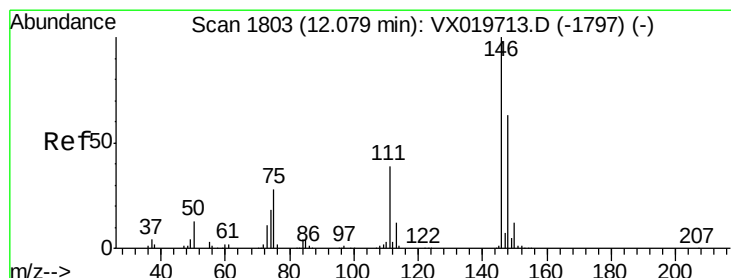
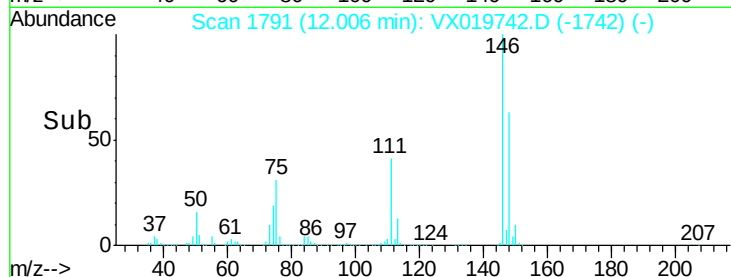
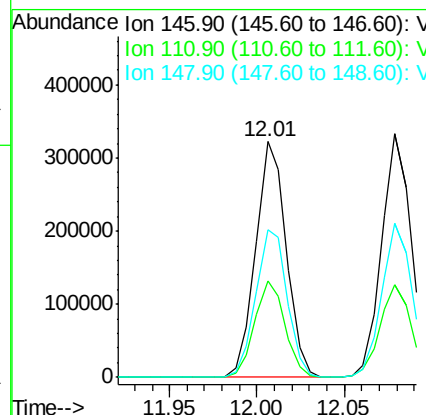
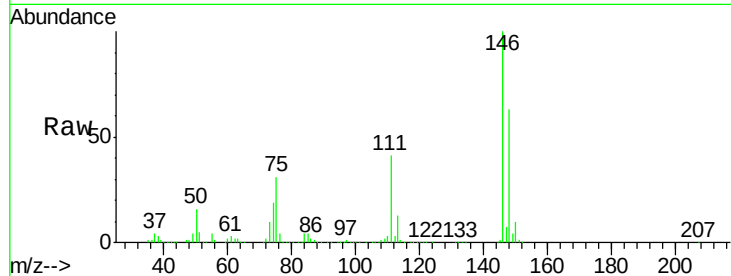
#87
 1,3-Dichlorobenzene
 Concen: 49.263 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019742.D
 Acq: 05 Dec 2020 01:06

Instrument :
 MSVOA_X
 ClientSampleId :
 ID039-39MWE2S-120320MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.2	60.5
148	64.6	31.9	95.7

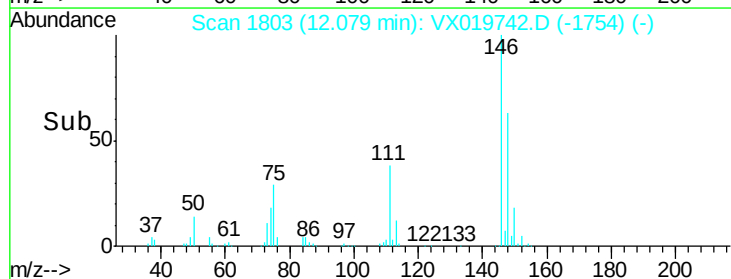
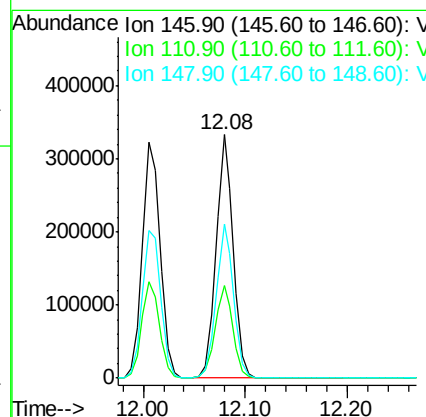
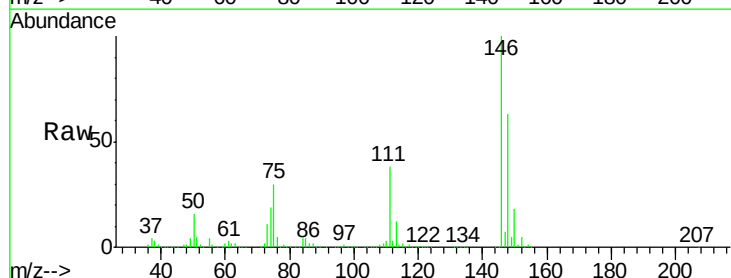
Manual Integrations
 APPROVED

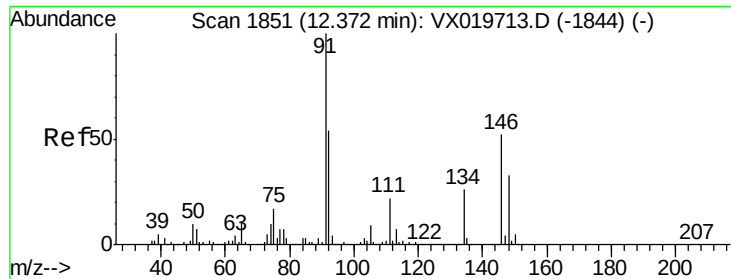
MMDadoda
 12/7/2020 10:53:15 AM



#88
 1,4-Dichlorobenzene
 Concen: 48.598 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019742.D
 Acq: 05 Dec 2020 01:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.6	58.8
148	63.9	31.6	95.0





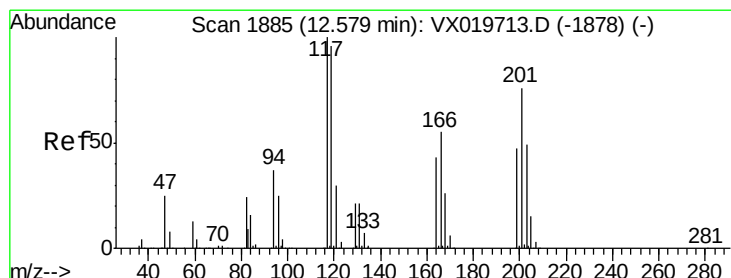
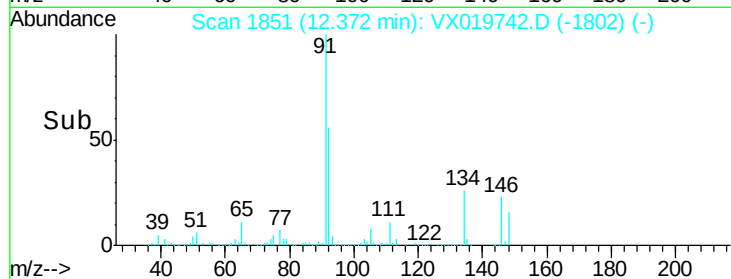
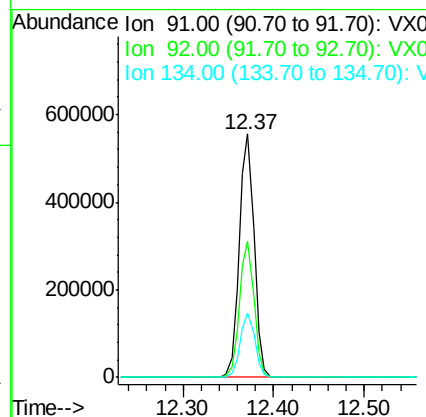
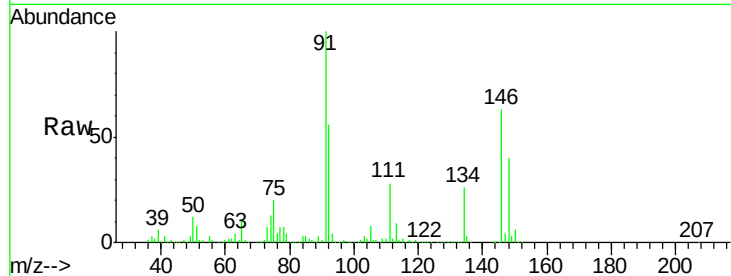
#89
n-Butylbenzene
Concen: 48.917 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019742.D
Acq: 05 Dec 2020 01:06

Instrument :
MSVOA_X
ClientSampleId :
ID039-39MWE2S-120320MS

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.0	27.4	82.0
134	26.0	13.2	39.5

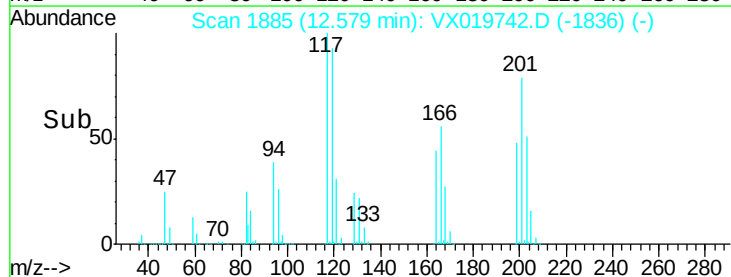
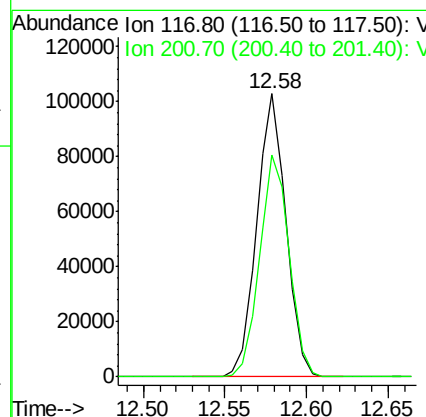
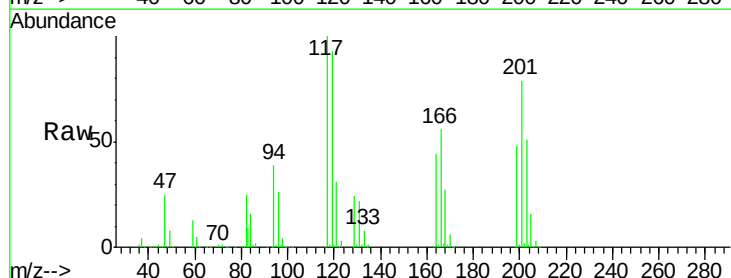
Manual Integrations
APPROVED

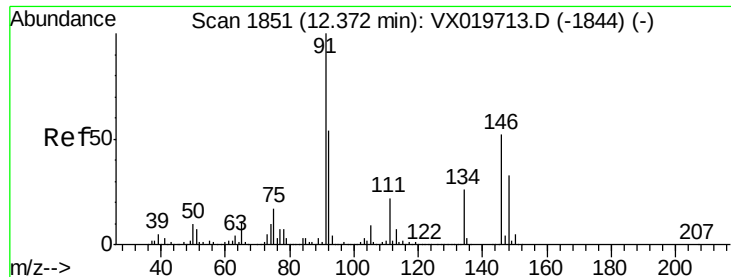
MMDadoda
12/7/2020 10:53:15 AM



#90
Hexachloroethane
Concen: 50.513 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019742.D
Acq: 05 Dec 2020 01:06

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.5	40.4	121.2





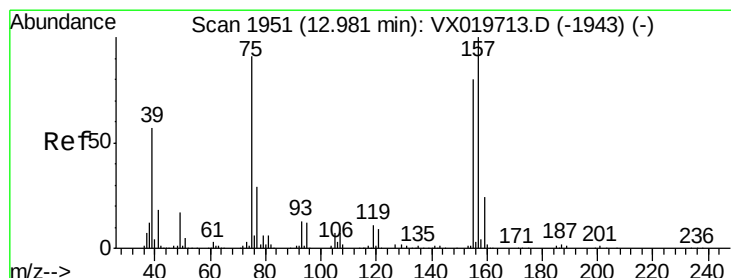
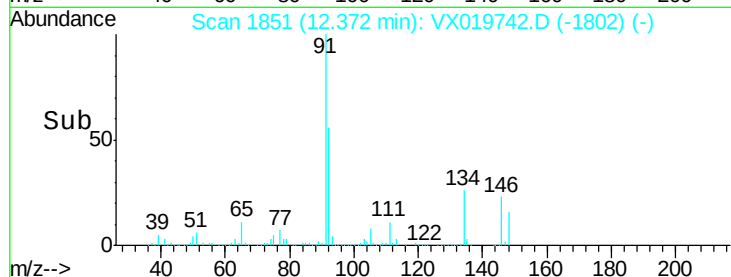
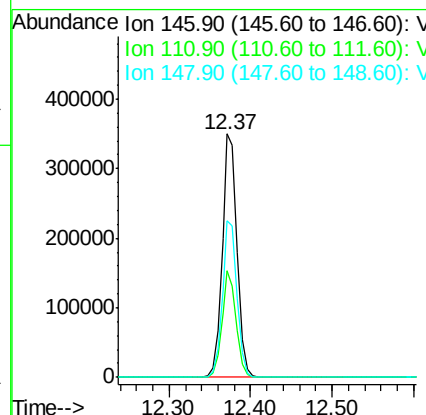
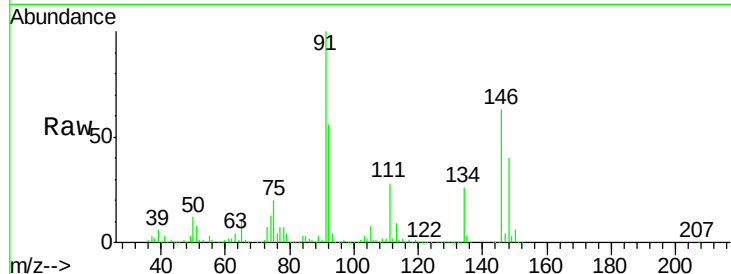
#91
 1,2-Dichlorobenzene
 Concen: 57.284 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX019742.D
 Acq: 05 Dec 2020 01:06

Instrument :
 MSVOA_X
 ClientSampleId :
 ID039-39MWE2S-120320MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.8	62.2
148	64.0	31.9	95.5

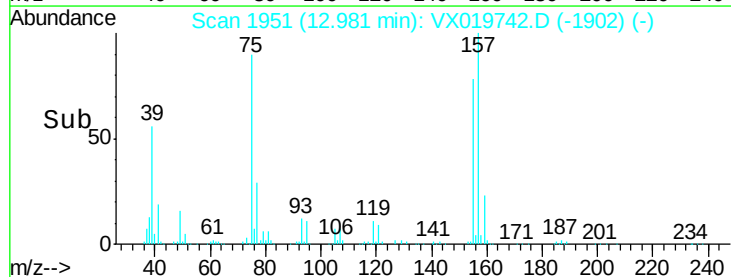
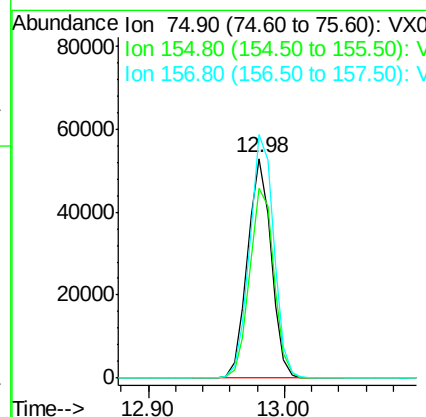
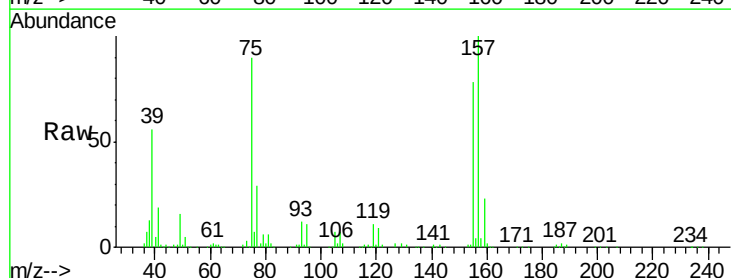
Manual Integrations
 APPROVED

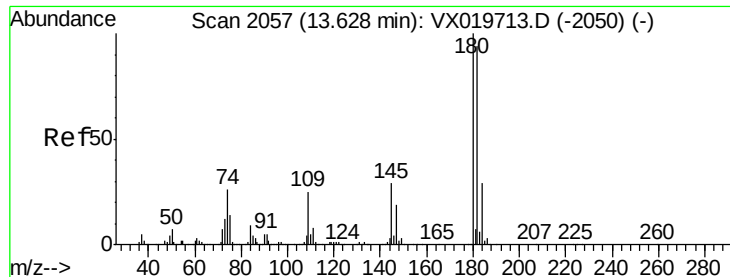
MMDadoda
 12/7/2020 10:53:15 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.170 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019742.D
 Acq: 05 Dec 2020 01:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.9	45.3	135.9
157	113.6	57.7	173.1





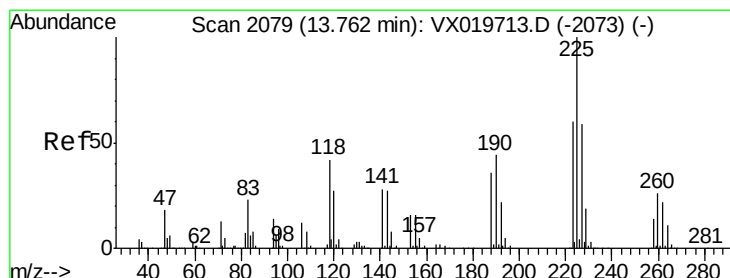
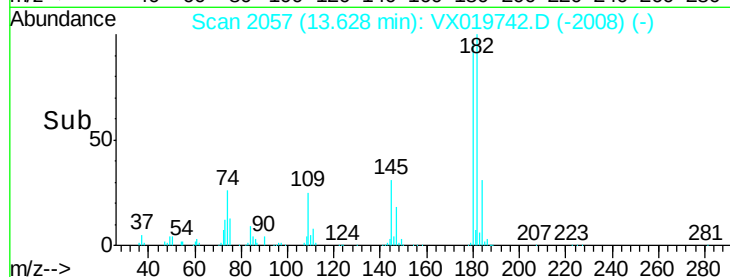
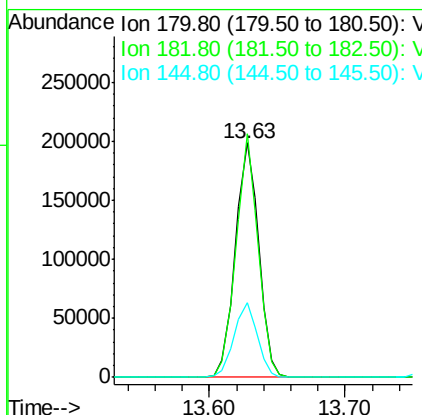
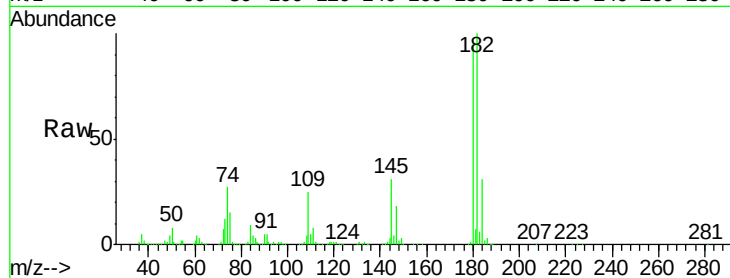
#93
 1,2,4-Trichlorobenzene
 Concen: 47.073 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019742.D
 Acq: 05 Dec 2020 01:06

Instrument :
 MSVOA_X
 ClientSampleId :
 ID039-39MWE2S-120320MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	237449		
182	97.5	47.7	143.1	
145	31.7	15.0	45.0	

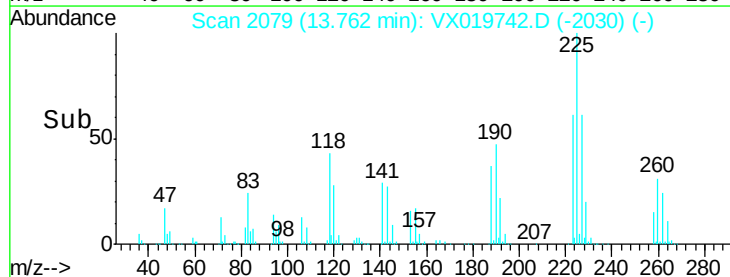
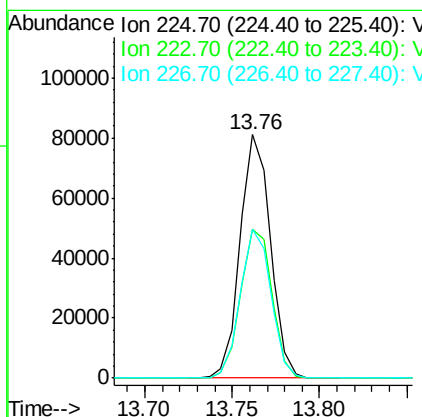
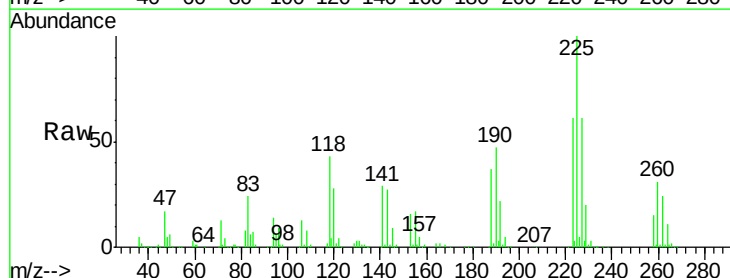
Manual Integrations
 APPROVED

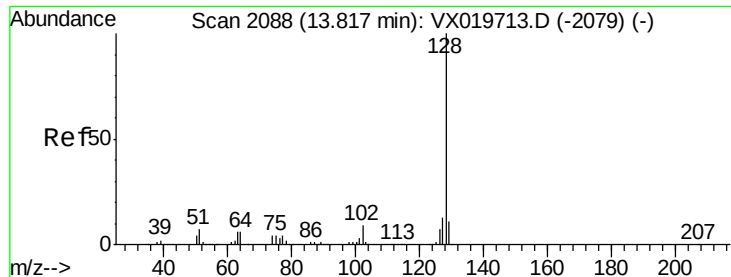
MMDadoda
 12/7/2020 10:53:15 AM



#94
 Hexachlorobutadiene
 Concen: 43.442 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX019742.D
 Acq: 05 Dec 2020 01:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	97944		
223	63.5	31.1	93.2	
227	61.9	31.6	95.0	





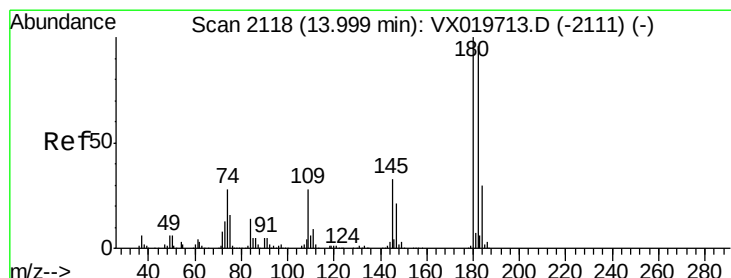
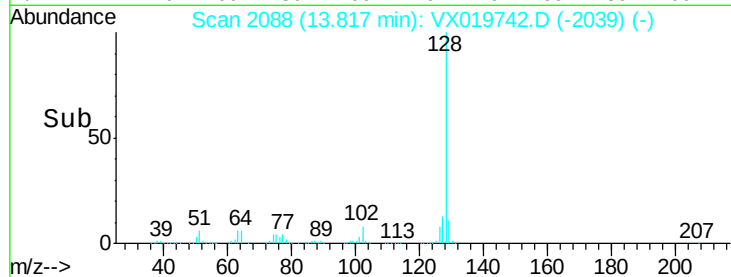
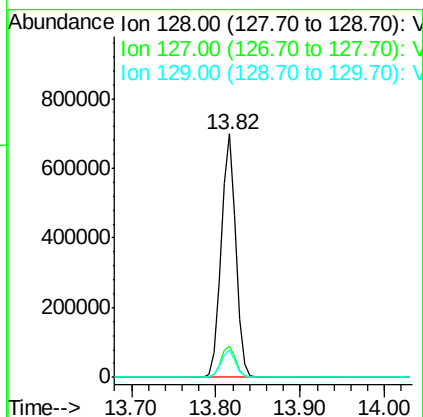
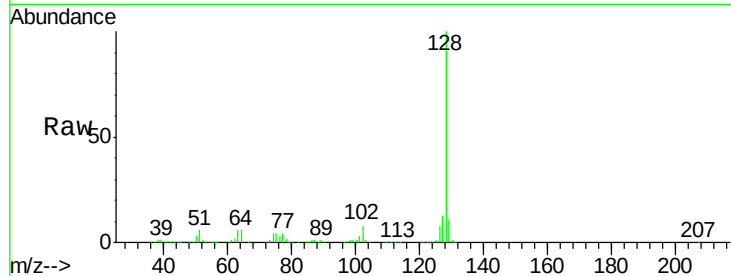
#95
Naphthalene
Concen: 51.177 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019742.D
Acq: 05 Dec 2020 01:06

Instrument :
MSVOA_X
ClientSampleId :
ID039-39MWE2S-120320MS

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
12/7/2020 10:53:15 AM



#96
1,2,3-Trichlorobenzene
Concen: 49.677 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019742.D
Acq: 05 Dec 2020 01:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.6	142.9
145	32.2	16.1	48.3

