

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112020\
 Data File : VX019475.D
 Acq On : 19 Nov 2020 18:55
 Operator : JC/MD
 Sample : VX1120WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/20/2020 12:25:13 PM

Quant Time: Nov 20 02:04:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X112020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 20 01:06:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	46411	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.82	114	256105	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	244254	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	101413	30.40	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.33%
60) 4-Bromofluorobenzene	11.12	95	118669	29.79	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.30%
63) Toluene-d8	8.70	98	320234	29.41	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.03%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	49913	19.348	ug/l 100
3) Chloromethane	1.31	50	57288	19.973	ug/l 99
4) Vinyl Chloride	1.39	62	60081	19.006	ug/l 99
5) Bromomethane	1.62	94	25408	21.107	ug/l 99
6) Chloroethane	1.70	64	23350	25.980	ug/l 99
7) Trichlorofluoromethane	1.90	101	83929	18.634	ug/l 99
8) Diethyl Ether	2.17	74	35292	19.208	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	47821	18.751	ug/l 99
10) 1,1-Dichloroethene	2.35	96	48152	18.740	ug/l 98
11) Methyl Iodide	2.48	142	52381	16.094	ug/l 98
12) Methyl Acetate	2.75	43	60173	19.531	ug/l 99
13) Acrolein	2.27	56	40165	87.187	ug/l 99
14) Acrylonitrile	3.12	53	147962	98.463	ug/l 99
15) Acetone	2.42	58	40732	93.347	ug/l 99
16) Carbon Disulfide	2.54	76	127610	18.763	ug/l 100
17) Allyl chloride	2.70	41	73443	19.013	ug/l 99
18) Methylene Chloride	2.83	84	58855	18.939	ug/l 99
19) trans-1,2-Dichloroethene	3.14	96	54819	19.102	ug/l 98
20) Diisopropyl ether	3.82	45	159950	19.285	ug/l 97
21) 1,1-Dichloroethane	3.67	63	96143	19.049	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	63129	19.007	ug/l 99
23) tert-Butyl Alcohol	3.04	59	71278	110.445	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	171352	19.396	ug/l 100
25) Chloroform	5.17	83	100075	18.879	ug/l 100
26) Cyclohexane	5.54	56	80377	18.604	ug/l # 100
29) 1,1-Dichloropropene	5.77	75	73183	18.598	ug/l 98
30) 2-Butanone	4.64	43	191998	96.588	ug/l 100
31) 2,2-Dichloropropane	4.55	77	79309	17.932	ug/l 100
32) 1,1,1-Trichloroethane	5.46	97	86142	18.660	ug/l 98
33) Carbon Tetrachloride	5.74	117	71018	18.127	ug/l 97
34) Benzene	6.11	78	228301	18.673	ug/l 97
35) Methacrylonitrile	5.01	41	39803	19.416	ug/l 97
36) 1,2-Dichloroethane	6.16	62	80052	18.917	ug/l 100
37) Trichloroethene	7.18	130	59895	18.479	ug/l 98
38) Methylcyclohexane	7.44	83	85352	17.948	ug/l 99
39) 1,2-Dichloropropane	7.49	63	57519	19.054	ug/l 99
40) Dibromomethane	7.63	93	39903	19.003	ug/l 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112020\
 Data File : VX019475.D
 Acq On : 19 Nov 2020 18:55
 Operator : JC/MD
 Sample : VX1120WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1120WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/20/2020 12:25:13 PM

Quant Time: Nov 20 02:04:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X112020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 20 01:06:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	75268	18.239	ug/l	98
42) Vinyl Acetate	3.78	43	673970	94.261	ug/l	99
43) Ethyl Acetate	4.79	43	73509	19.213	ug/l	98
44) Isopropyl Acetate	6.42	43	118057	19.012	ug/l	100
45) 1,4-Dioxane	7.72	88	26766	384.539	ug/l	98
46) Methyl methacrylate	7.74	41	57645	18.967	ug/l	96
47) n-amyl Acetate	10.88	43	97400	18.796	ug/l	98
48) t-1,3-Dichloropropene	9.02	75	81956	18.290	ug/l	100
49) cis-1,3-Dichloropropene	8.42	75	91902	18.567	ug/l	97
50) 1,1,2-Trichloroethane	9.20	97	59573	18.944	ug/l	95
51) Ethyl methacrylate	9.16	69	86227	19.161	ug/l	100
52) 1,3-Dichloropropane	9.35	76	101418	19.311	ug/l	100
53) Dibromochloromethane	9.56	129	57223	18.256	ug/l	99
54) 1,2-Dibromoethane	9.65	107	61556	18.933	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	229261	92.583	ug/l	99
56) Bromoform	10.84	173	41050	18.481	ug/l	97
58) 4-Methyl-2-Pentanone	8.62	43	376546	96.498	ug/l	100
59) 2-Hexanone	9.48	43	282138	93.744	ug/l	100
61) Tetrachloroethene	9.32	164	59533	18.704	ug/l	92
62) Toluene	8.76	91	250627	18.345	ug/l	99
64) Chlorobenzene	10.12	112	156552	18.814	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.20	131	55967	18.270	ug/l	98
66) Ethyl Benzene	10.23	91	276330	18.459	ug/l	100
67) m/p-Xylenes	10.34	106	207899	37.082	ug/l	99
68) o-Xylene	10.68	106	99489	18.721	ug/l	99
69) Styrene	10.70	104	166304	18.367	ug/l	99
70) Isopropylbenzene	11.00	105	268344	18.627	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	91179	18.539	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	84573m	19.128	ug/l	
73) Bromobenzene	11.24	156	66800	18.591	ug/l	99
74) n-propylbenzene	11.34	91	311867	18.618	ug/l	99
75) 2-Chlorotoluene	11.40	91	188717	18.789	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	227694	18.653	ug/l	99
77) t-1,4-Dichloro-2-butene	11.05	75	26695	17.616	ug/l	94
78) 4-Chlorotoluene	11.49	91	217861	18.557	ug/l	100
79) tert-butylbenzene	11.76	119	214561	18.325	ug/l	100
80) 1,2,4-Trimethylbenzene	11.79	105	225880	18.413	ug/l	99
81) sec-Butylbenzene	11.93	105	259969	18.497	ug/l	100
82) p-Isopropyltoluene	12.05	119	231435	18.107	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	122457	18.476	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	123370	18.395	ug/l	99
85) n-Butylbenzene	12.37	91	205304	17.603	ug/l	99
86) Hexachloroethane	12.58	117	36524	16.978	ug/l	98
87) 1,2-Dichlorobenzene	12.37	146	117949	17.998	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.98	75	18453	17.850	ug/l	97
89) 1,2,4-Trichlorobenzene	13.63	180	75488	17.259	ug/l	99
90) Hexachlorobutadiene	13.76	225	34710	17.654	ug/l	98
91) Naphthalene	13.82	128	249703	17.946	ug/l	100
92) 1,2,3-Trichlorobenzene	14.00	180	77597	17.745	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112020\
Data File : VX019475.D
Acq On : 19 Nov 2020 18:55
Operator : JC/MD
Sample : VX1120WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

Manual Integrations
APPROVED

MMDadoda
11/20/2020 12:25:13 PM

Quant Time: Nov 20 02:04:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X112020W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 20 01:06:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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

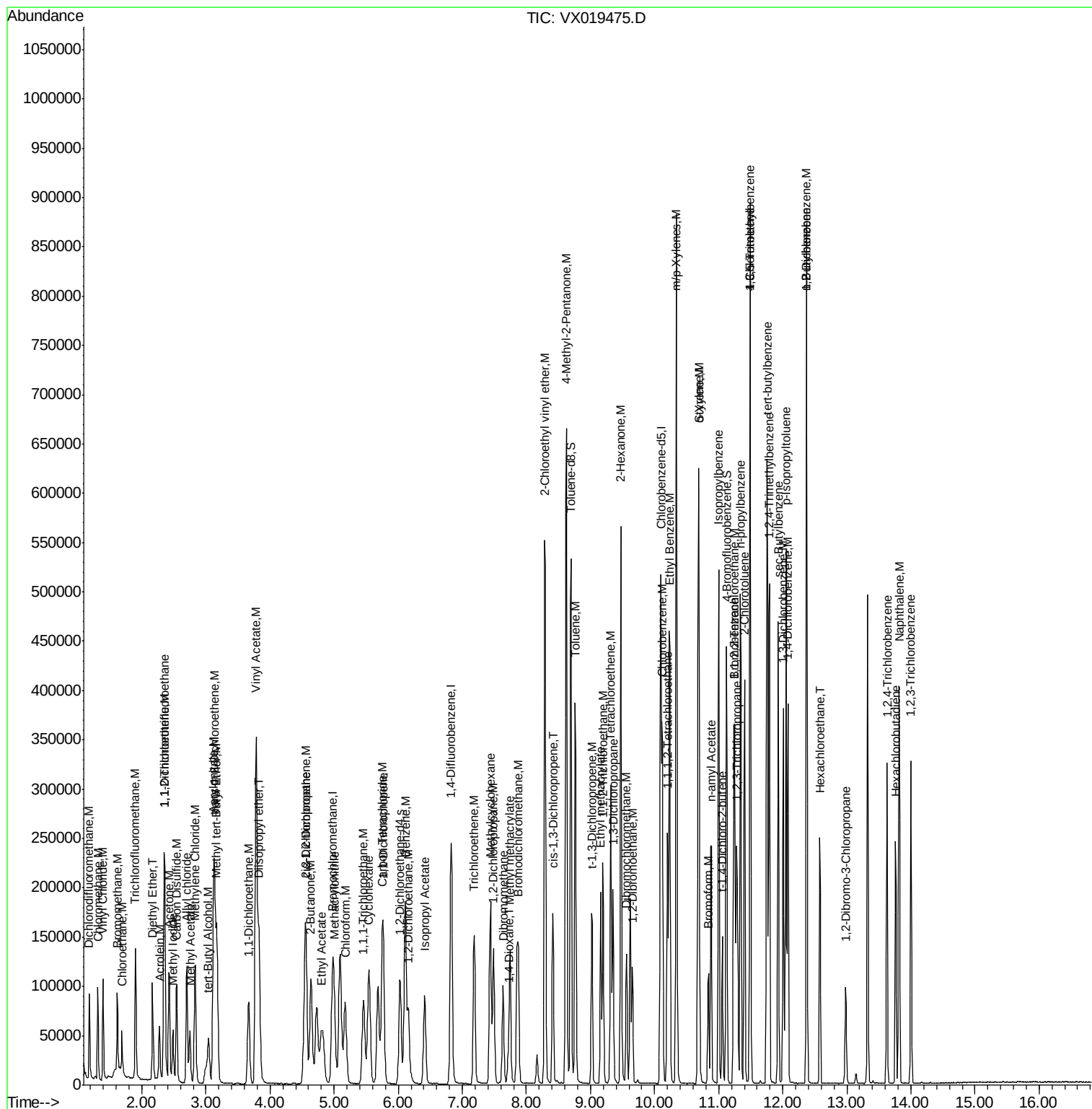
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112020\
 Data File : VX019475.D
 Acq On : 19 Nov 2020 18:55
 Operator : JC/MD
 Sample : VX1120WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

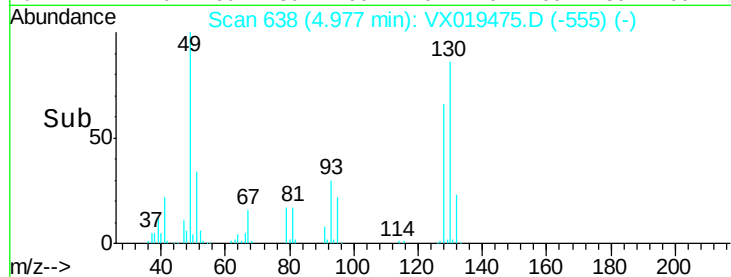
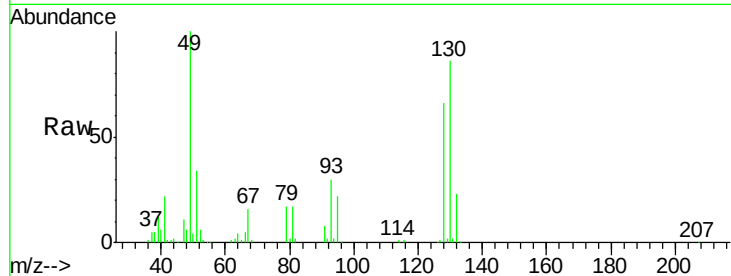
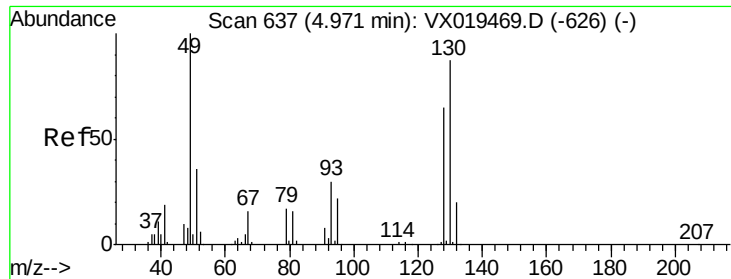
Instrument :
 MSVOA_X
 Client Sample ID :
 VX1120WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/20/2020 12:25:13 PM

Quant Time: Nov 20 02:04:30 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X112020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 20 01:06:02 2020
 Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 638

Delta R.T. 0.01 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Tot Ion:	128	Resp:	46411
Ion	Ratio	Lower	Upper
128	100		
49	149.0	0.0	377.8
130	128.2	0.0	324.0

Instrument :

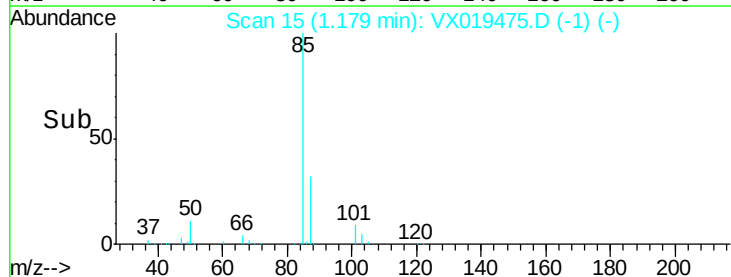
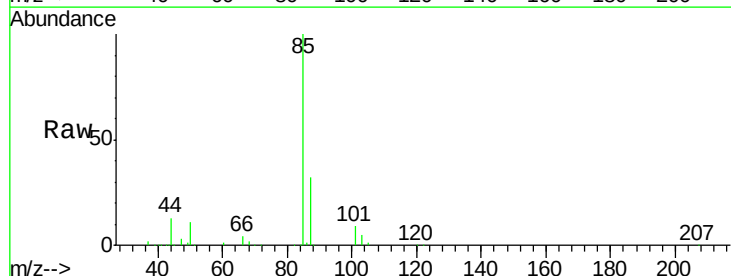
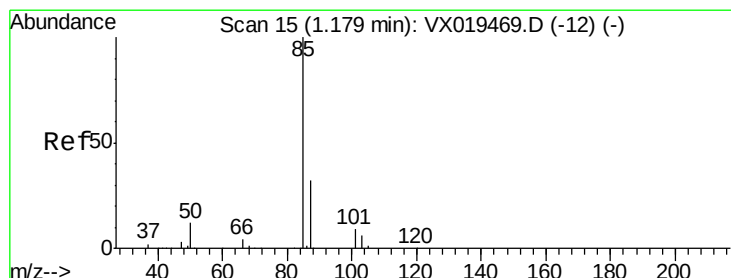
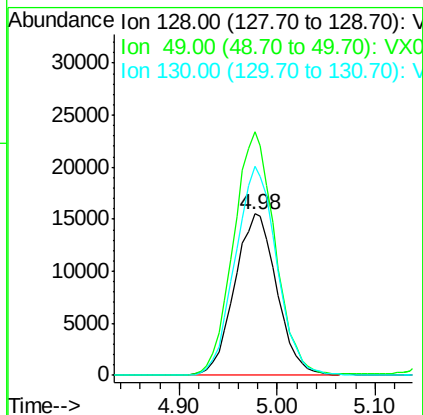
MSVOA_X

ClientSampleId :

VX1120WBS01

Manual Integrations
APPROVED

MMDadoda
11/20/2020 12:25:13 PM



#2

Dichlorodifluoromethane

Concen: 19.348 ug/l

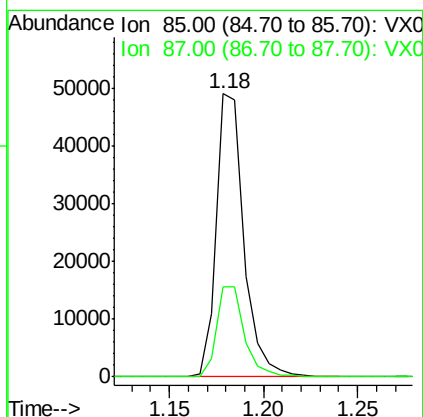
RT: 1.18 min Scan# 15

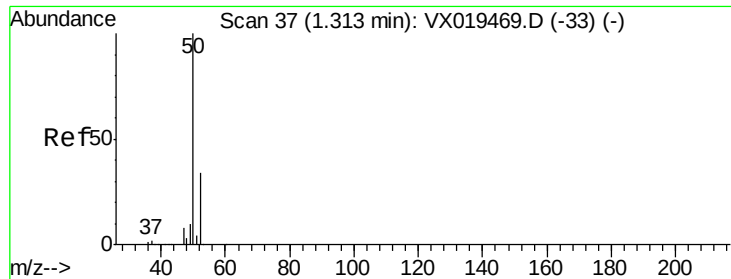
Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Tgt Ion:	85	Resp:	49913
Ion	Ratio	Lower	Upper
85	100		
87	31.7	16.0	47.9





#3

Chloromethane

Concen: 19.973 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBS01

Tot Ion: 50 Resp: 57288

Ion Ratio Lower Upper

50 100

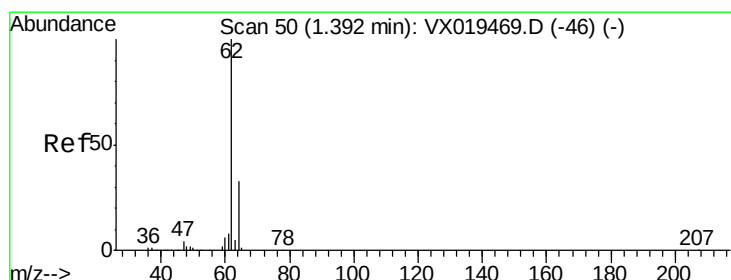
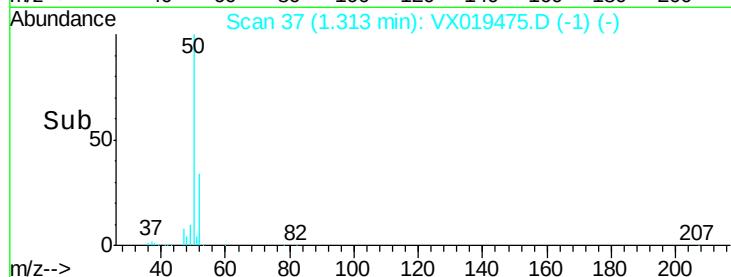
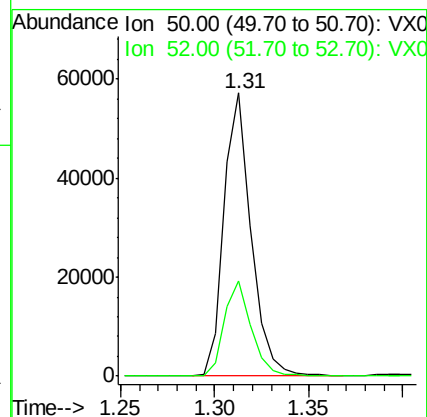
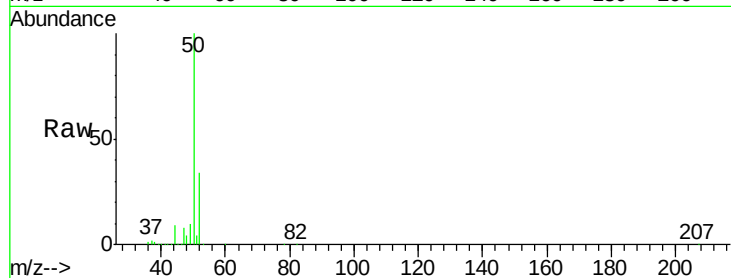
52 33.8 27.5 41.3

Manual Integrations

APPROVED

MMDadoda

11/20/2020 12:25:13 PM



#4

Vinyl Chloride

Concen: 19.006 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019475.D

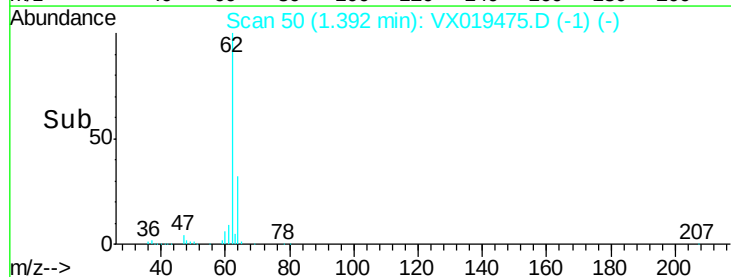
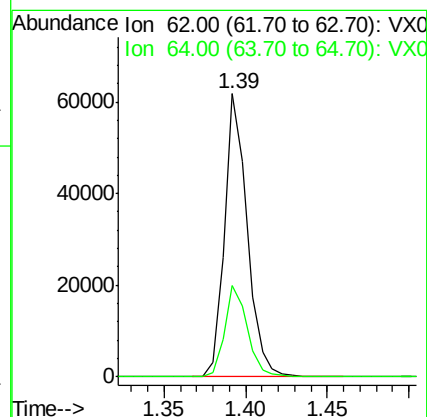
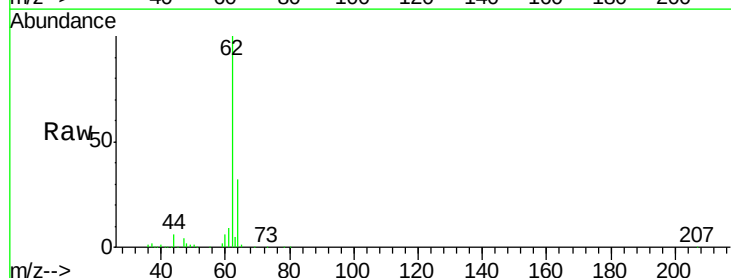
Acq: 19 Nov 2020 18:55

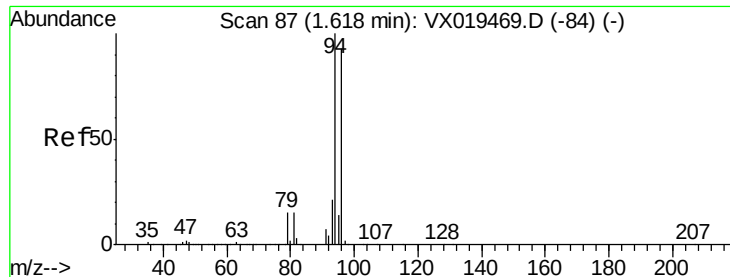
Tgt Ion: 62 Resp: 60081

Ion Ratio Lower Upper

62 100

64 32.5 26.4 39.6





#5

Bromomethane

Concen: 21.107 ug/l

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBS01

Tot Ion: 94 Resp: 25408

Ion Ratio Lower Upper

94 100

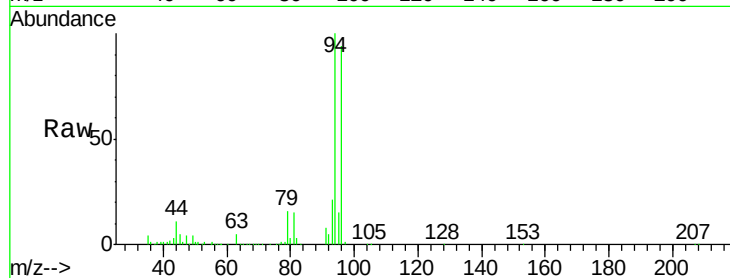
96 94.2 74.6 111.8

Manual Integrations

APPROVED

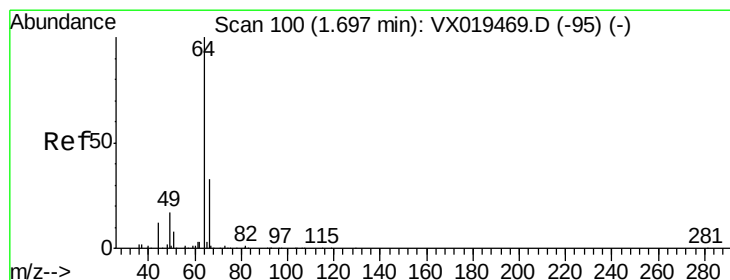
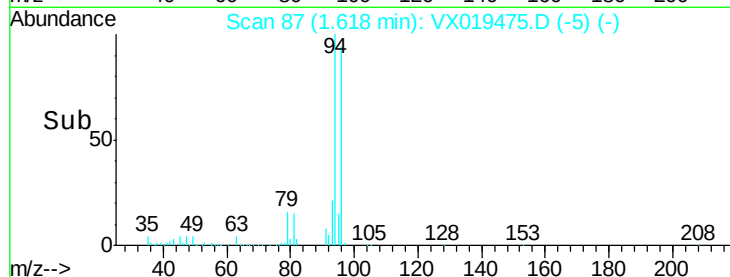
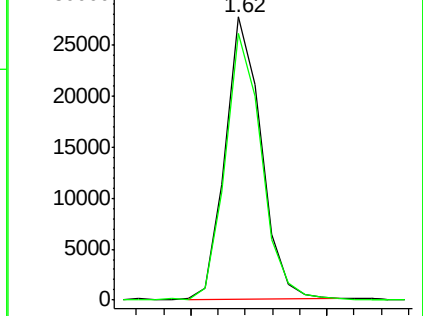
MMDadoda

11/20/2020 12:25:13 PM



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 25.980 ug/l

RT: 1.70 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX019475.D

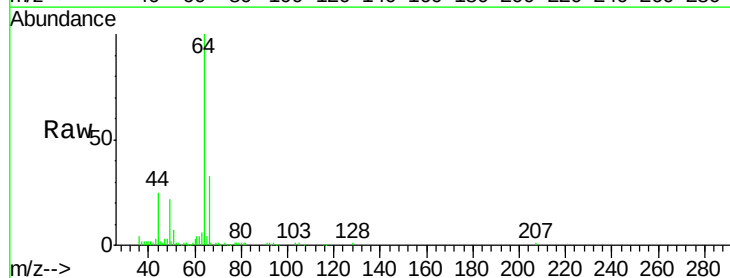
Acq: 19 Nov 2020 18:55

Tgt Ion: 64 Resp: 23350

Ion Ratio Lower Upper

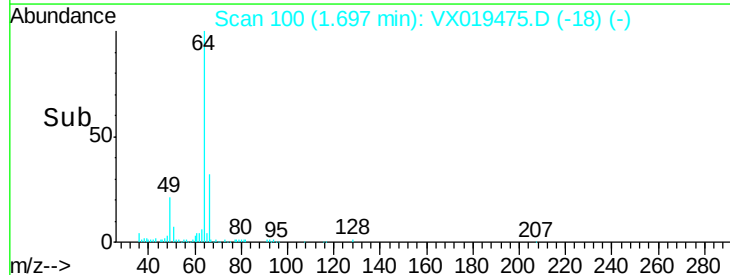
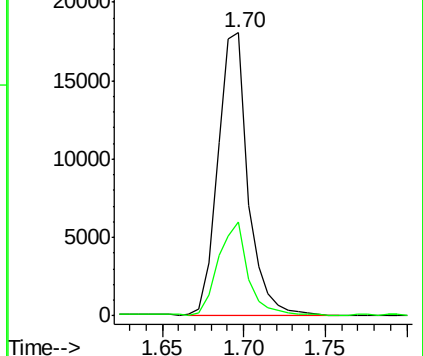
64 100

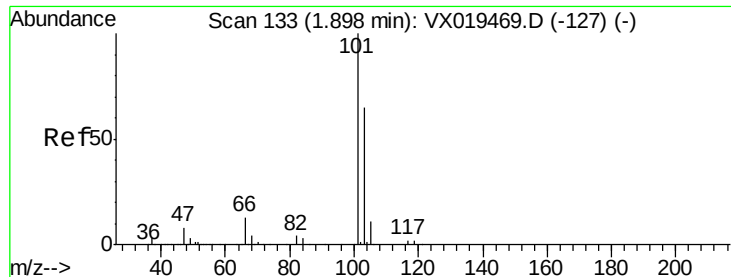
66 32.9 26.6 40.0



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

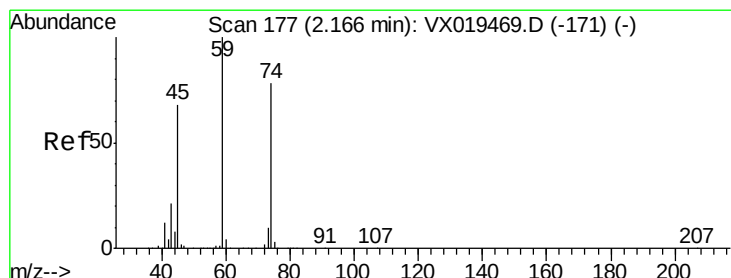
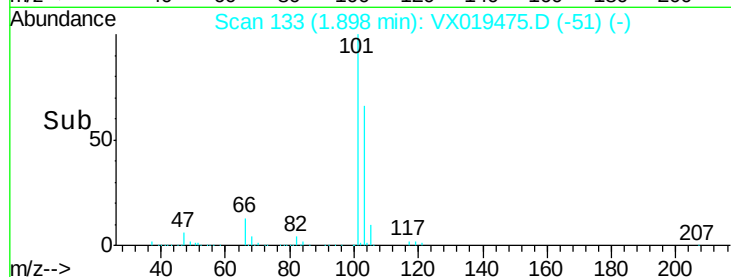
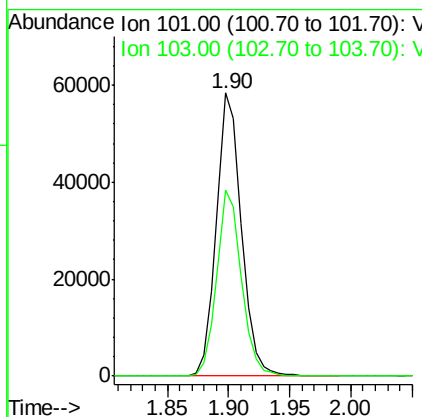
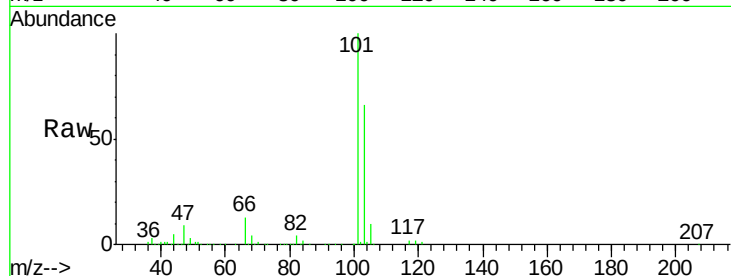
Trichlorofluoromethane
Concen: 18.634 ug/l
RT: 1.90 min Scan# 133
Delta R.T. -0.00 min
Lab File: VX019475.D
Acq: 19 Nov 2020 18:55

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.6	51.8	77.6

Manual Integrations
APPROVED

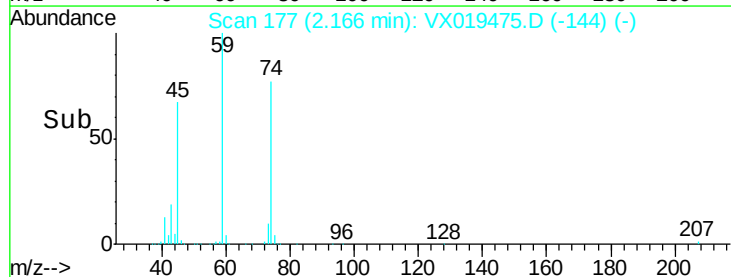
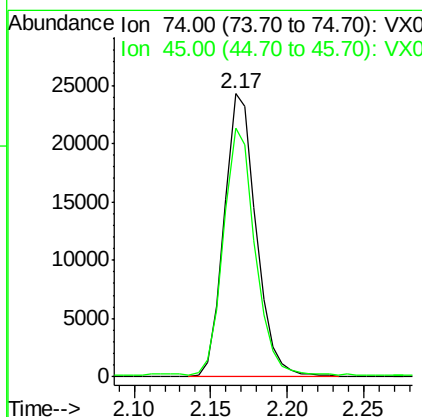
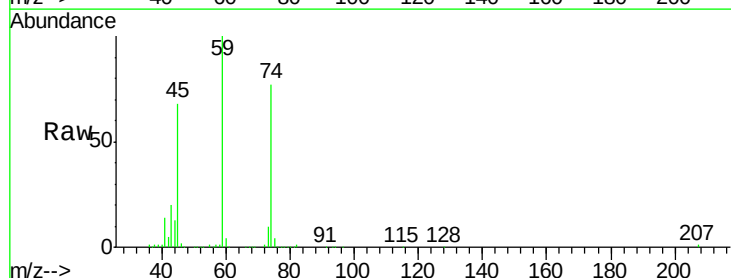
MMDadoda
11/20/2020 12:25:13 PM

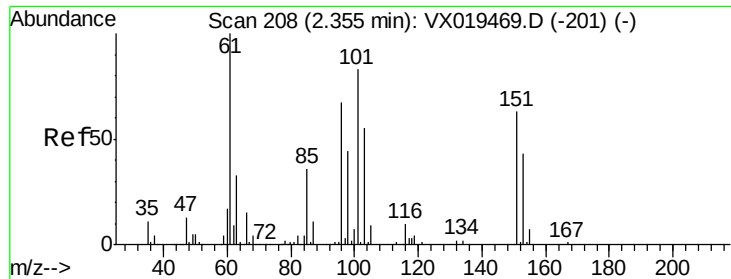


#8

Diethyl Ether
Concen: 19.208 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019475.D
Acq: 19 Nov 2020 18:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	85.3	17.2	155.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.751 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Instrument :

MSVOA_X

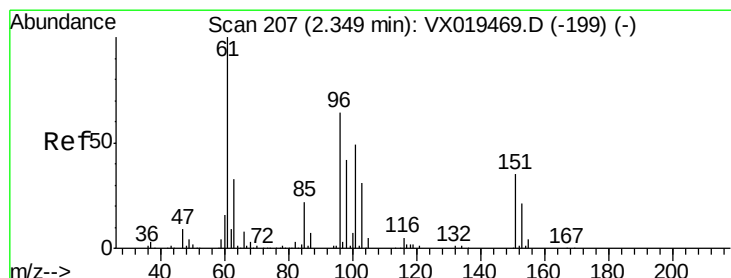
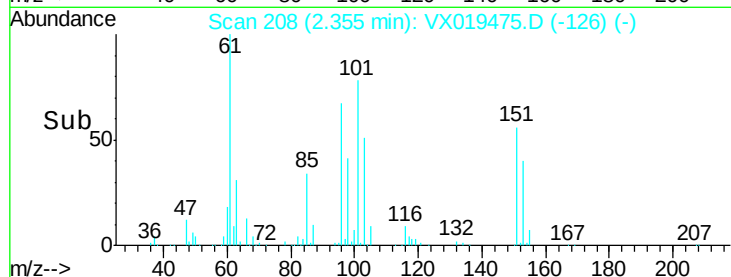
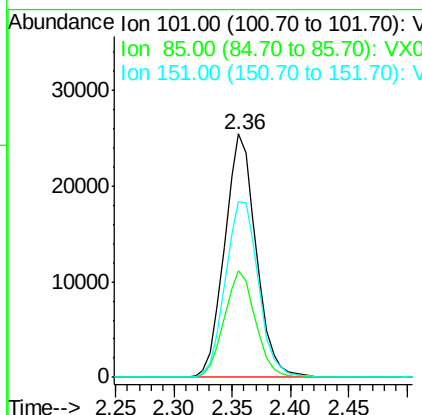
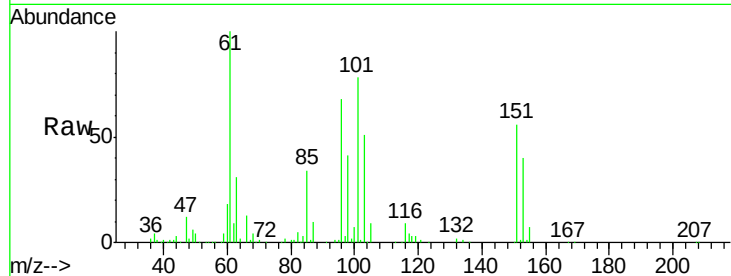
ClientSampleId :

VX1120WBS01

Tot Ion:	101	Resp:	47821
Ion Ratio	Lower	Upper	
101	100		
85	43.6	0.0	88.8
151	75.7	0.0	153.0

Manual Integrations
APPROVED

MMDadoda
11/20/2020 12:25:13 PM



#10

1,1-Dichloroethene

Concen: 18.740 ug/l

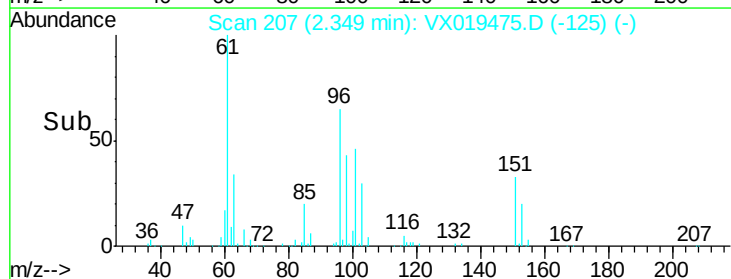
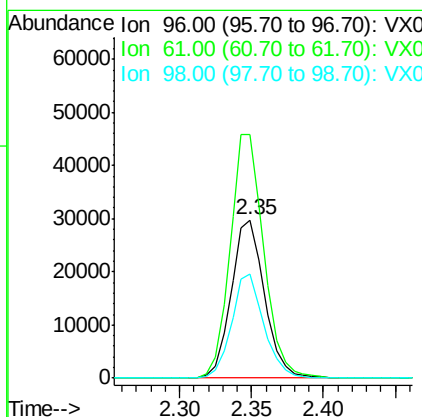
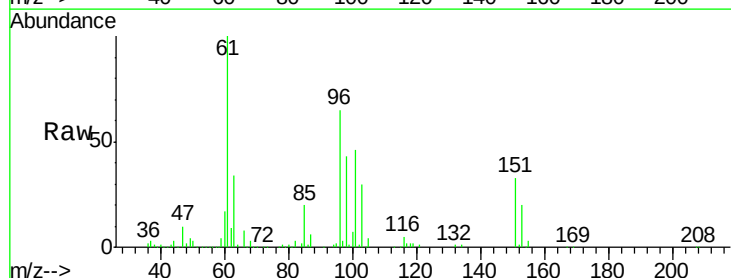
RT: 2.35 min Scan# 207

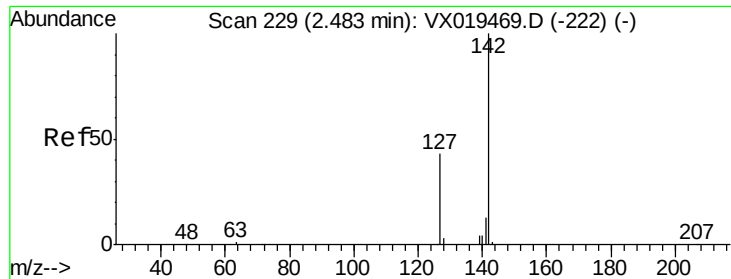
Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Tgt Ion:	96	Resp:	48152
Ion Ratio	Lower	Upper	
96	100		
61	153.6	125.4	188.2
98	66.2	52.4	78.6





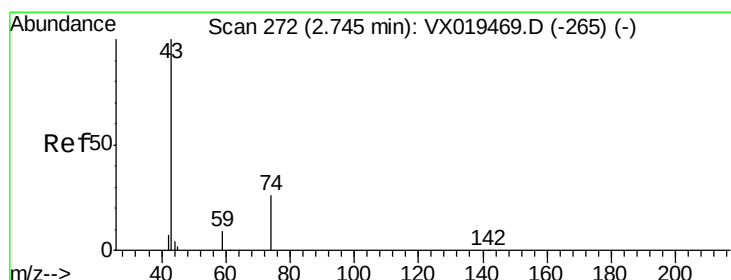
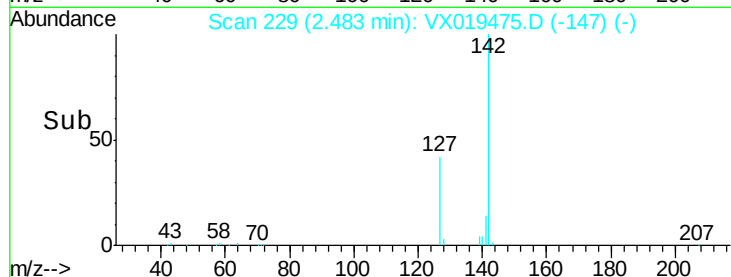
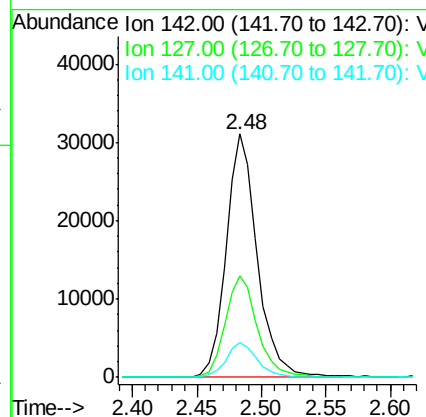
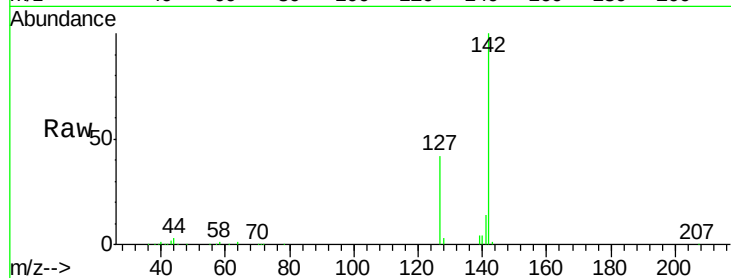
#11
Methyl Iodide
Concen: 16.094 ug/l
RT: 2.48 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX019475.D
Acq: 19 Nov 2020 18:55

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

Tot Ion	Ratio	Lower	Upper
142	100		
127	41.8	21.3	64.0
141	14.2	6.7	20.0

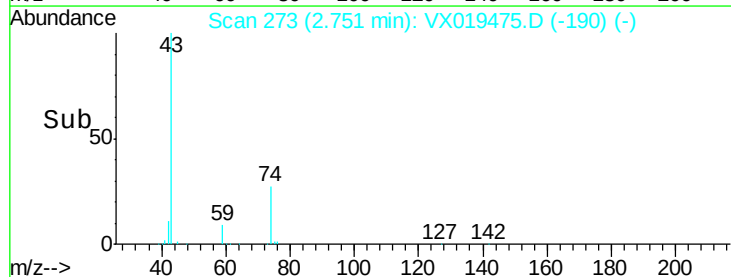
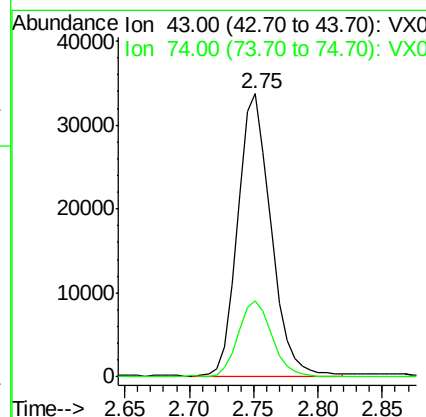
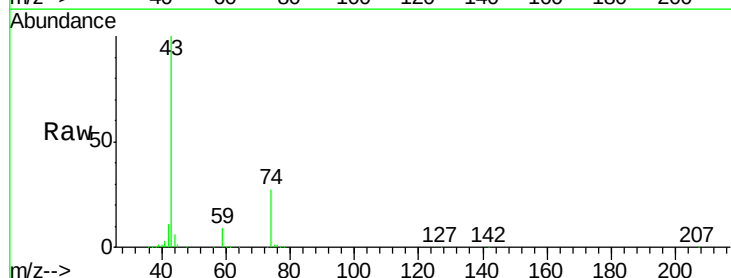
Manual Integrations
APPROVED

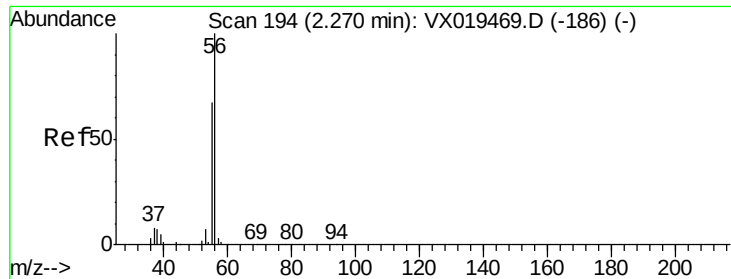
MMDadoda
11/20/2020 12:25:13 PM



#12
Methyl Acetate
Concen: 19.531 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX019475.D
Acq: 19 Nov 2020 18:55

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.6	20.7	31.1





#13

Acrolein

Concen: 87.187 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBS01

Tot Ion: 56 Resp: 40165

Ion Ratio Lower Upper

56 100

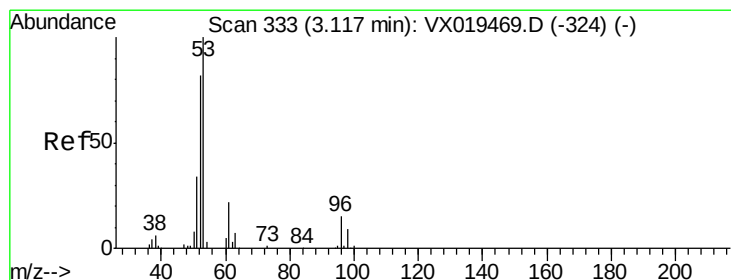
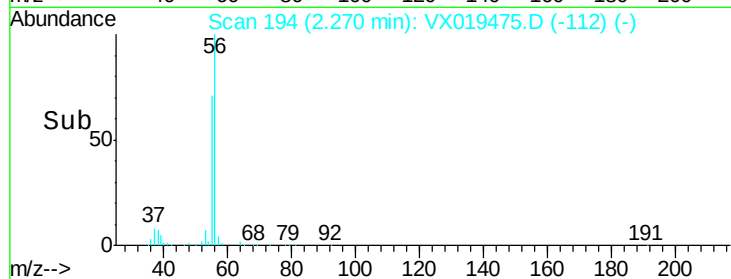
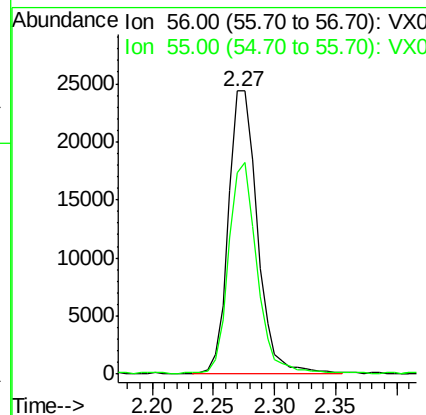
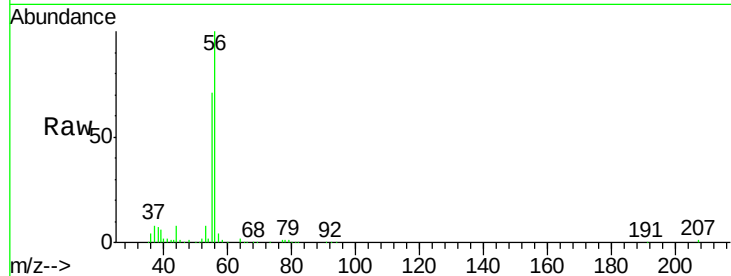
55 71.4 56.5 84.7

Manual Integrations

APPROVED

MMDadoda

11/20/2020 12:25:13 PM



#14

Acrylonitrile

Concen: 98.463 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

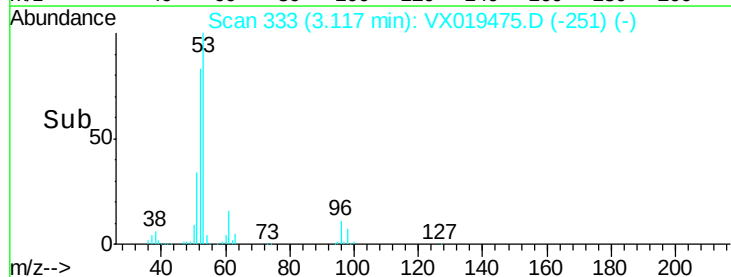
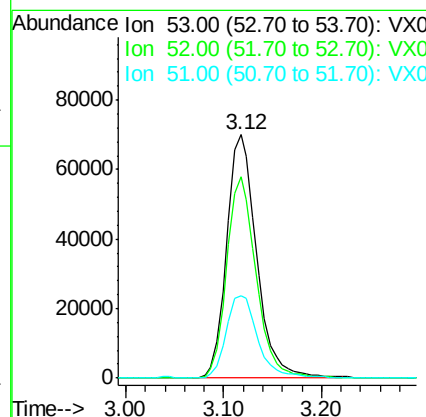
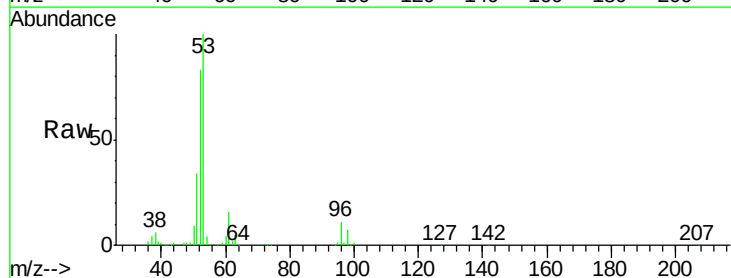
Tgt Ion: 53 Resp: 147962

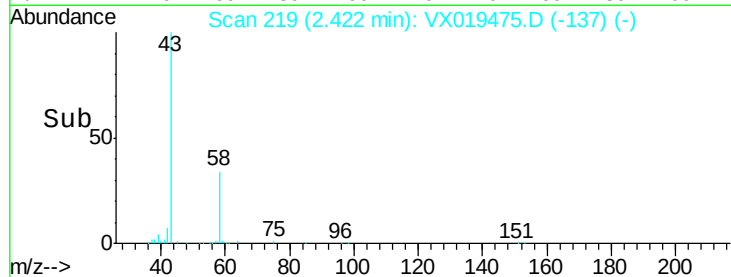
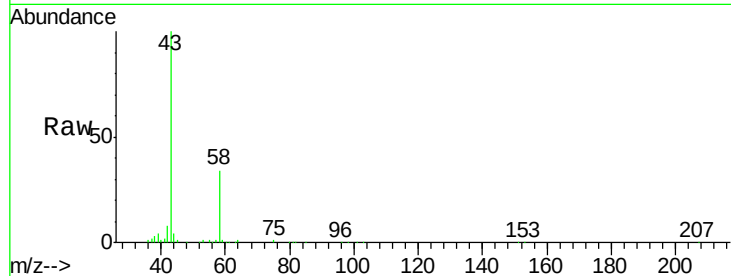
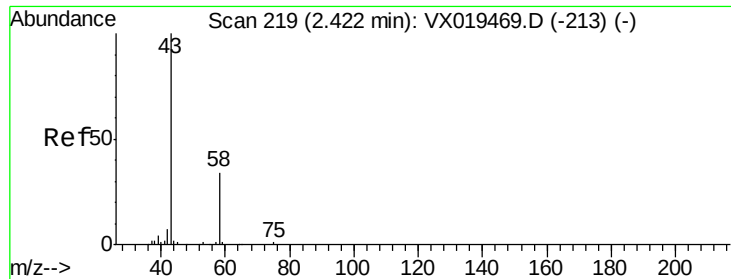
Ion Ratio Lower Upper

53 100

52 81.9 41.3 123.7

51 36.2 17.8 53.3





#15

Acetone

Concen: 93.347 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Tot Ion: 58 Resp: 40732

Ion Ratio Lower Upper

58 100

43 296.7 236.3 354.5

Instrument :

MSVOA_X

ClientSampleId :

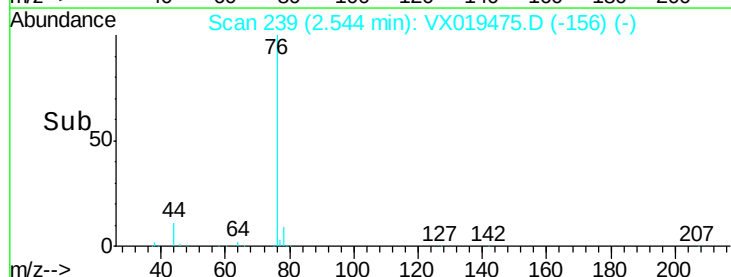
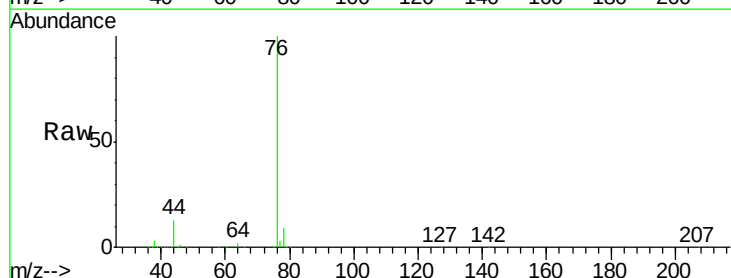
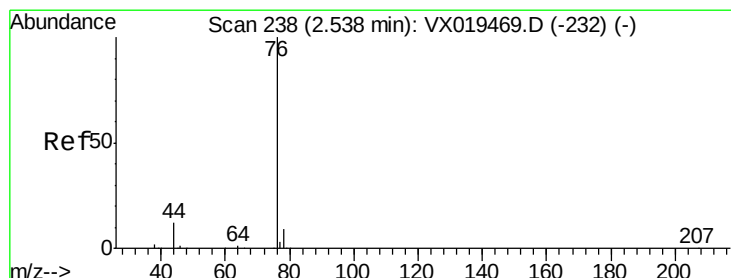
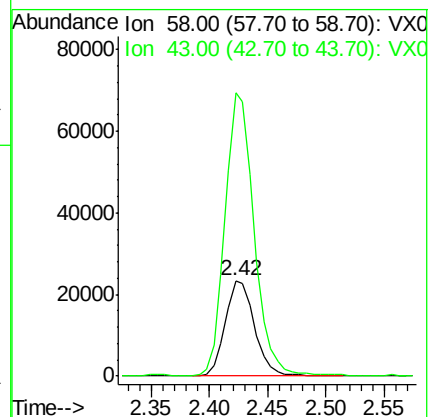
VX1120WBS01

Manual Integrations

APPROVED

MMDadoda

11/20/2020 12:25:13 PM



#16

Carbon Disulfide

Concen: 18.763 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.01 min

Lab File: VX019475.D

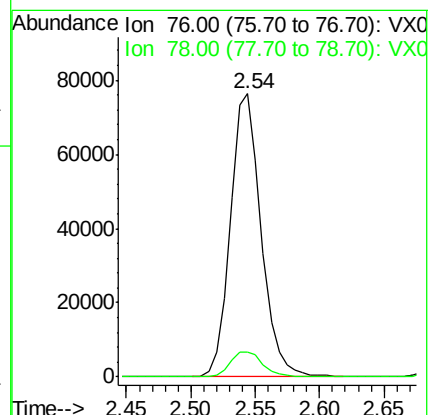
Acq: 19 Nov 2020 18:55

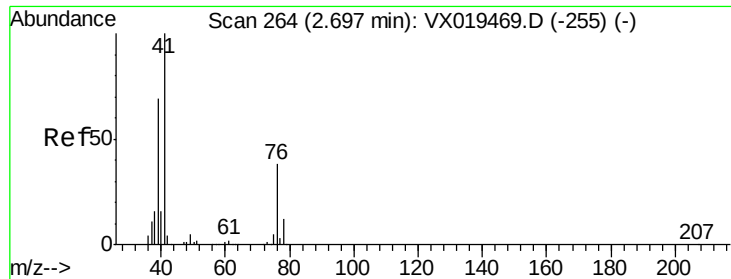
Tgt Ion: 76 Resp: 127610

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6





#17

Allvl chloride

Concen: 19.013 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Instrument :

MSVOA_X

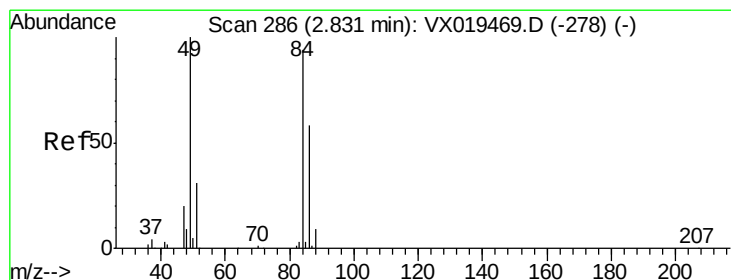
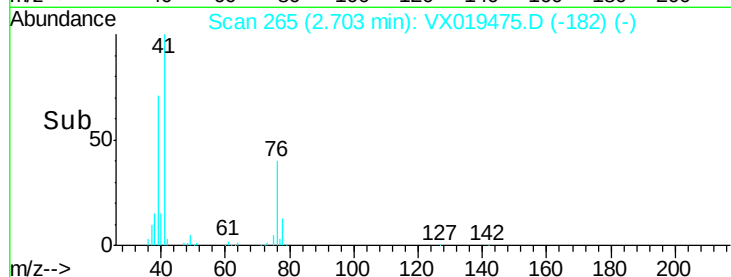
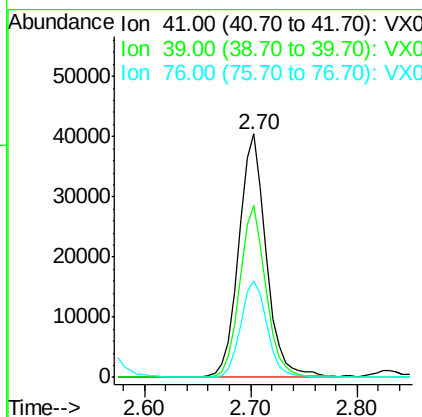
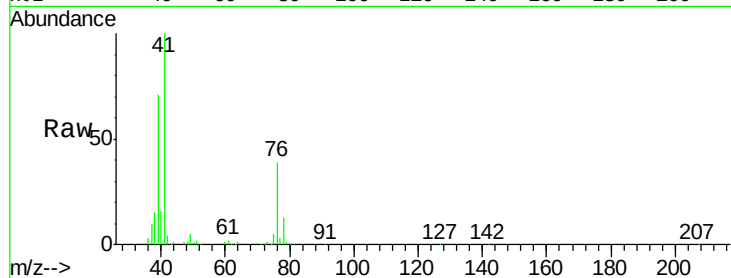
ClientSampleId :

VX1120WBS01

Tot Ion:	41	Resp:	73443
Ion	Ratio	Lower	Upper
41	100		
39	70.3	34.5	103.6
76	39.2	19.3	57.8

Manual Integrations
APPROVED

MMDadoda
11/20/2020 12:25:13 PM



#18

Methylene Chloride

Concen: 18.939 ug/l

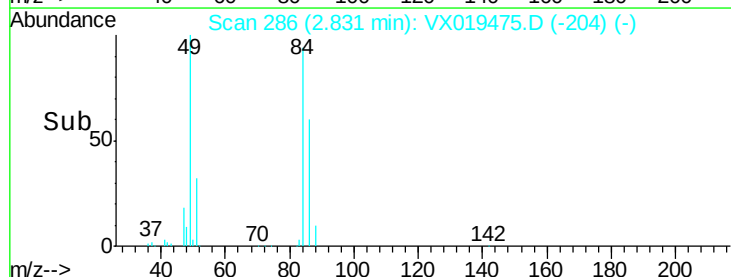
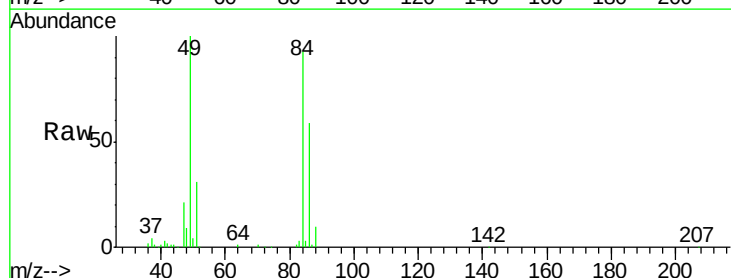
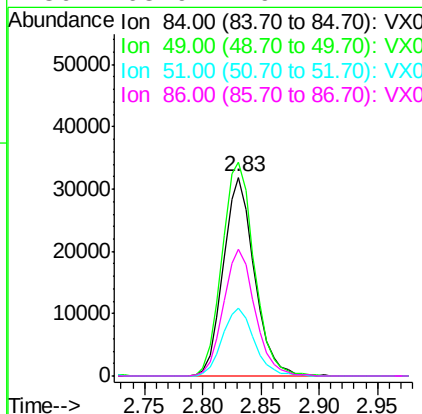
RT: 2.83 min Scan# 286

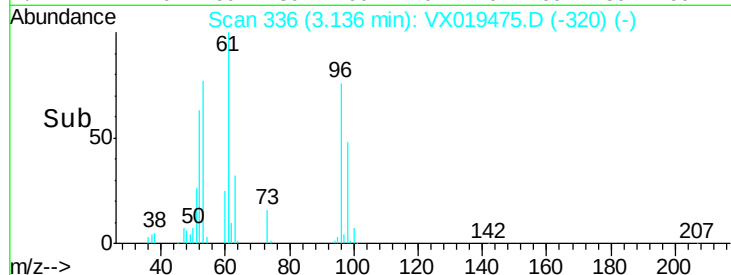
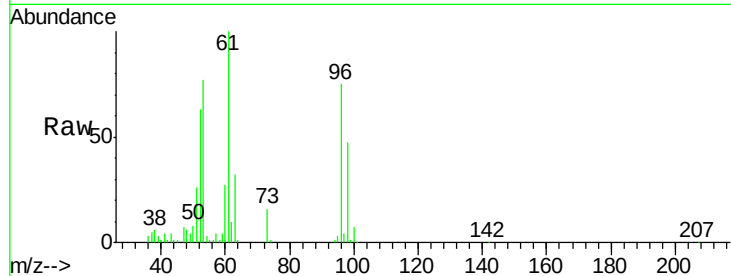
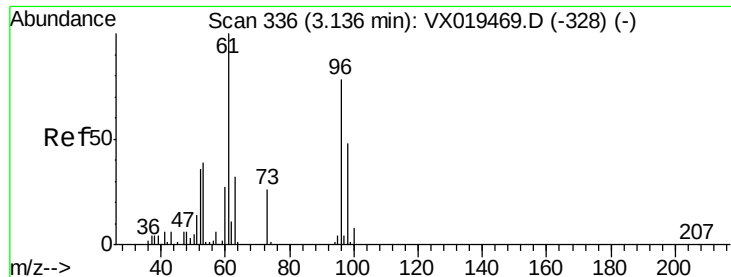
Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Tgt Ion:	84	Resp:	58855
Ion	Ratio	Lower	Upper
84	100		
49	107.6	85.4	128.0
51	33.7	26.7	40.1
86	63.9	49.4	74.2





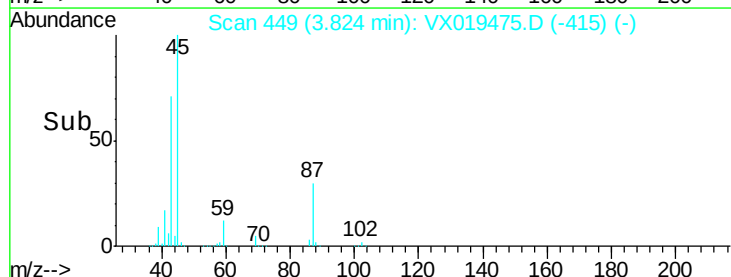
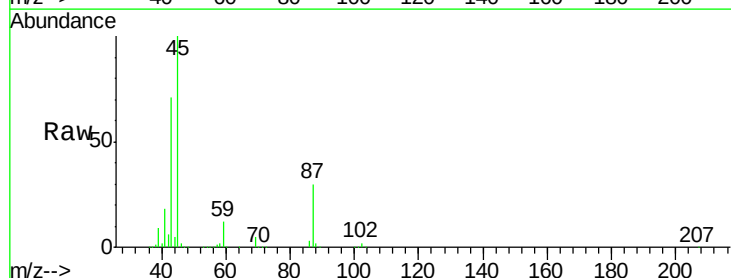
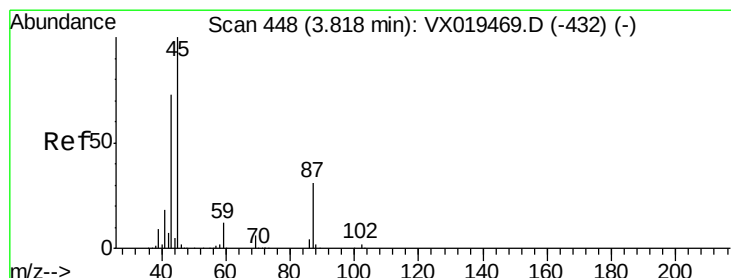
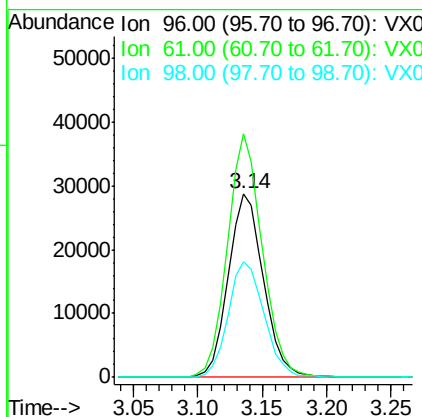
#19
trans-1,2-Dichloroethene
Concen: 19.102 ug/l
RT: 3.14 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX019475.D
Acq: 19 Nov 2020 18:55

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.3	103.2	154.8
98	62.9	49.2	73.8

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

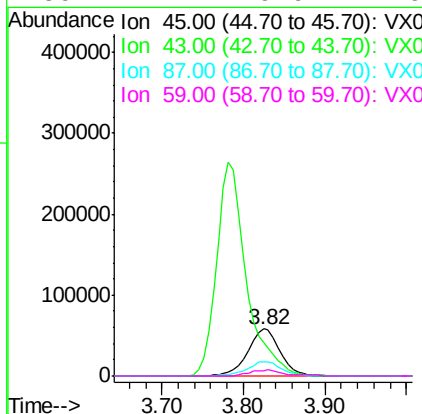
Manual Integrations
APPROVED

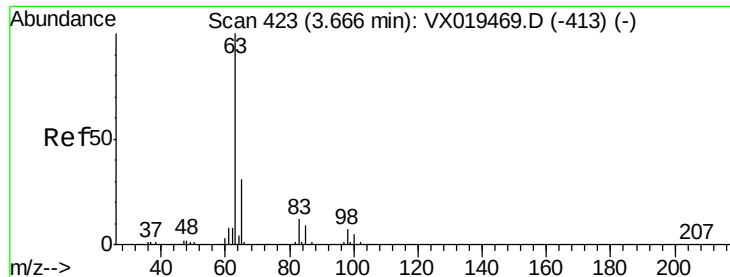
MMDadoda
11/20/2020 12:25:13 PM



#20
Diisopropyl ether
Concen: 19.285 ug/l
RT: 3.82 min Scan# 449
Delta R.T. 0.01 min
Lab File: VX019475.D
Acq: 19 Nov 2020 18:55

Tgt Ion	Ratio	Lower	Upper
45	100		
43	70.4	58.7	88.1
87	29.8	24.5	36.7
59	12.2	9.9	14.9





#21

1,1-Dichloroethane

Concen: 19.049 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Instrument :

MSVOA_X

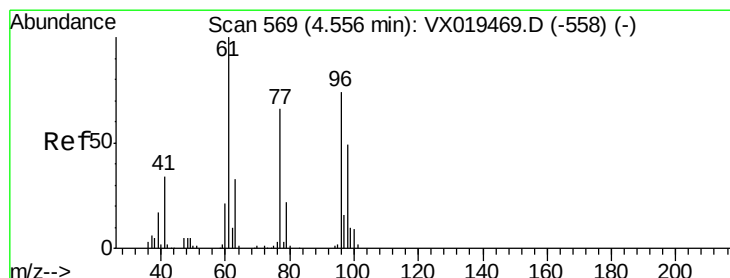
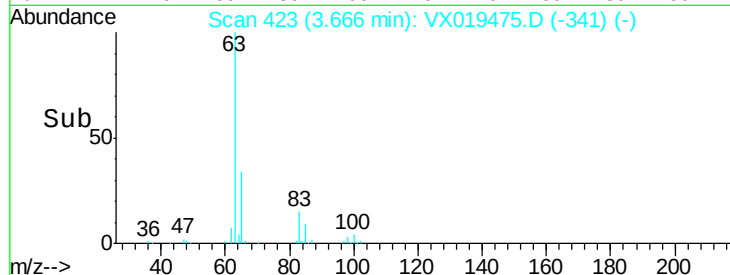
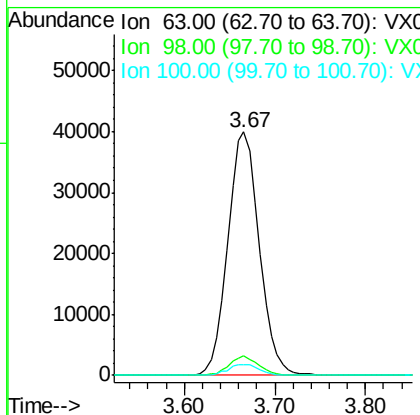
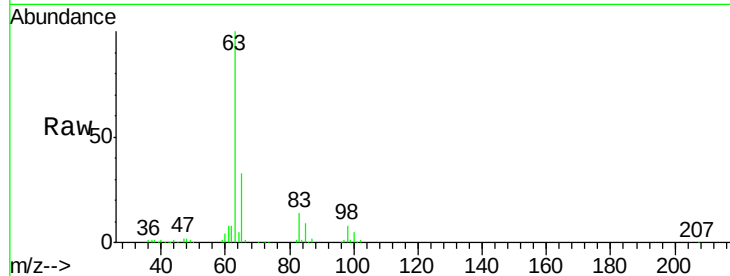
ClientSampleId :

VX1120WBS01

Tot Ion:	63	Resp:	96143
Ion Ratio	Lower	Upper	
63	100		
98	7.9	3.8	11.2
100	4.6	2.4	7.1

Manual Integrations
APPROVED

MMDadoda
11/20/2020 12:25:13 PM



#22

cis-1,2-Dichloroethene

Concen: 19.007 ug/l

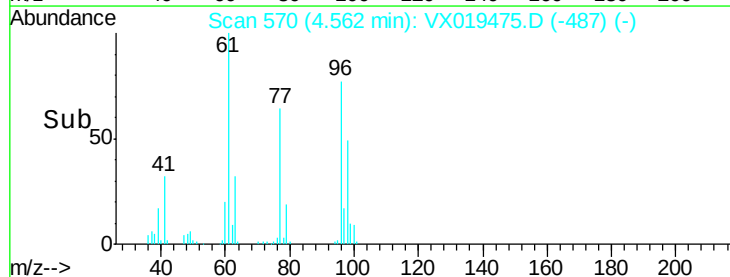
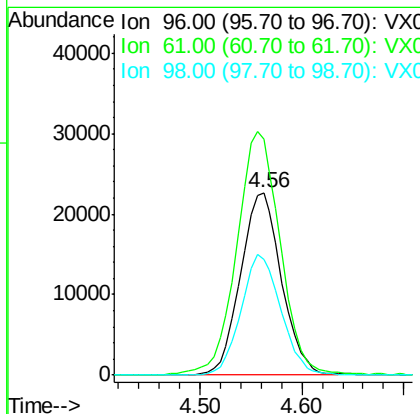
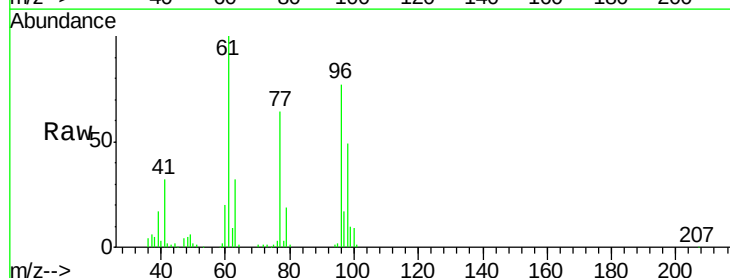
RT: 4.56 min Scan# 570

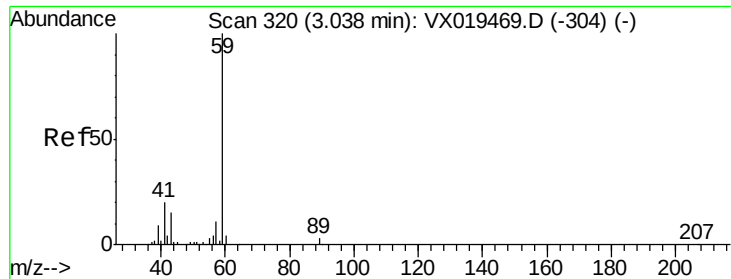
Delta R.T. 0.01 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Tgt Ion:	96	Resp:	63129
Ion Ratio	Lower	Upper	
96	100		
61	141.4	114.2	171.2
98	64.5	51.7	77.5





#23

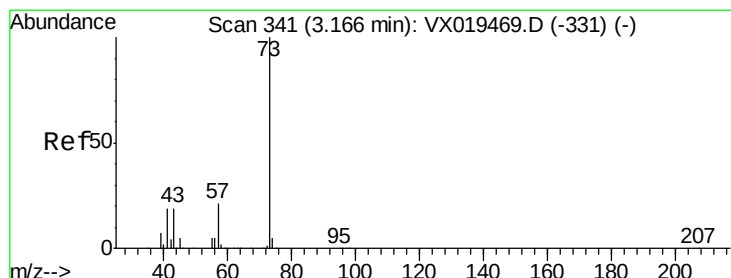
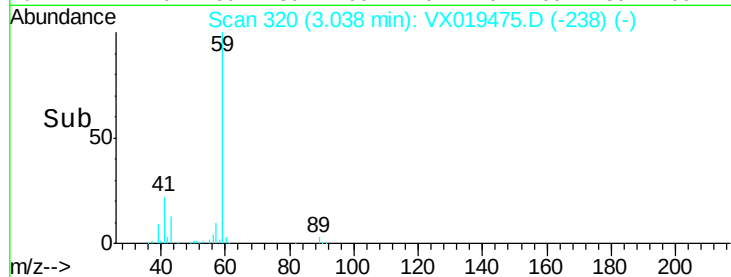
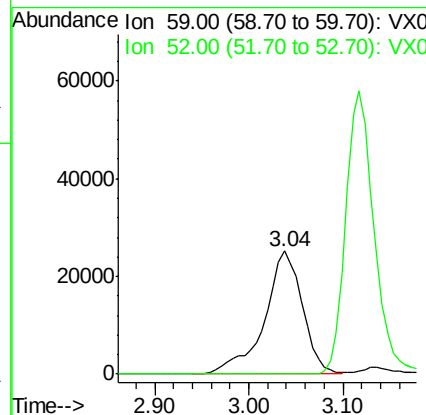
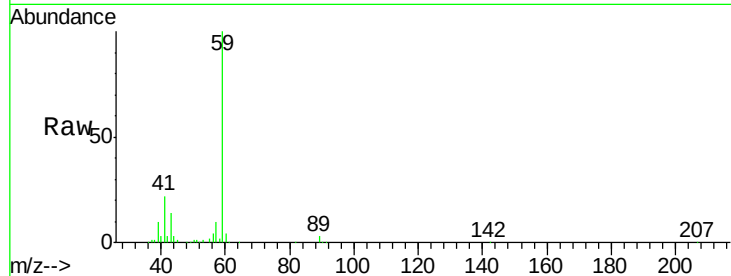
tert-Butyl Alcohol
 Concen: 110.445 ug/l
 RT: 3.04 min Scan# 320
 Delta R.T. -0.00 min
 Lab File: VX019475.D
 Acq: 19 Nov 2020 18:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBS01

Tot Ion	59	Ratio	Lower	Upper
59	100			
52	0.1	0.2	0.2	0.2

Manual Integrations
 APPROVED

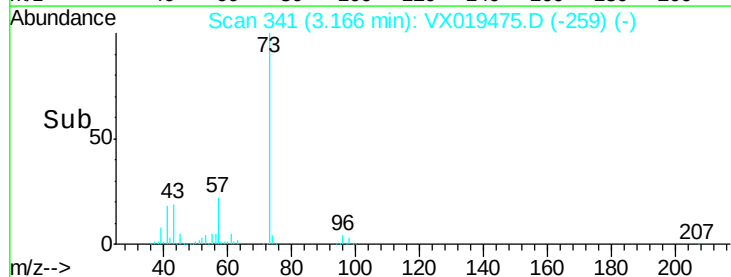
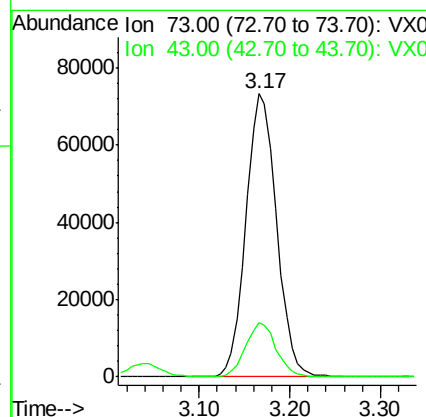
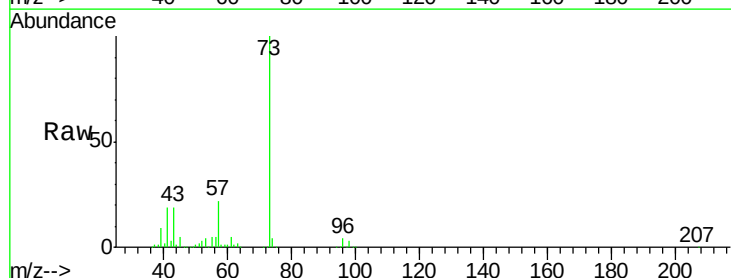
MMDadoda
 11/20/2020 12:25:13 PM

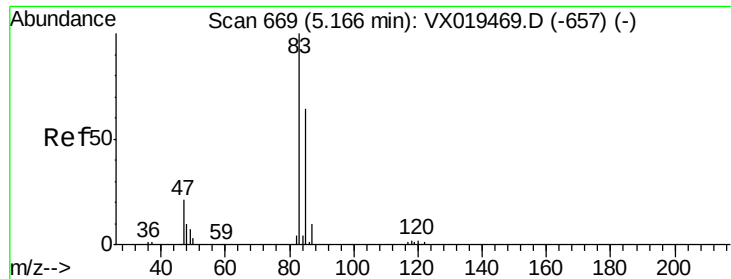


#24

Methyl tert-Butyl Ether
 Concen: 19.396 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX019475.D
 Acq: 19 Nov 2020 18:55

Tgt Ion	73	Ratio	Lower	Upper
73	100			
43	18.7	15.0	22.6	





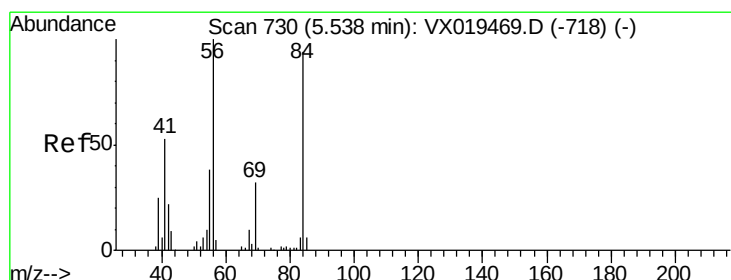
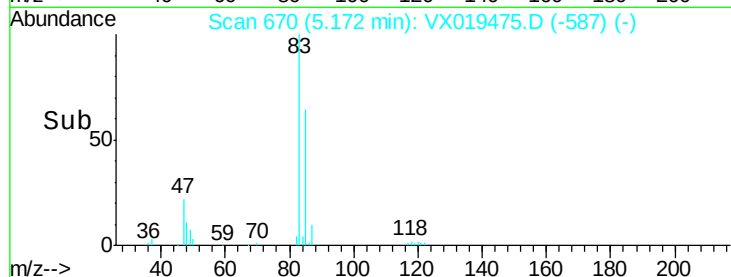
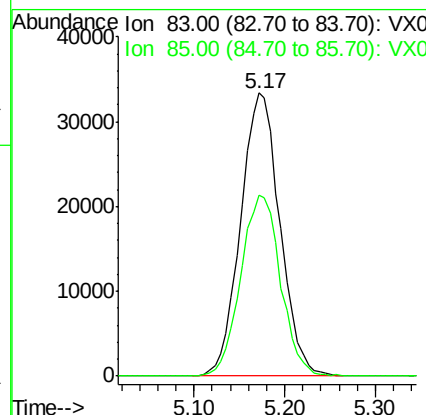
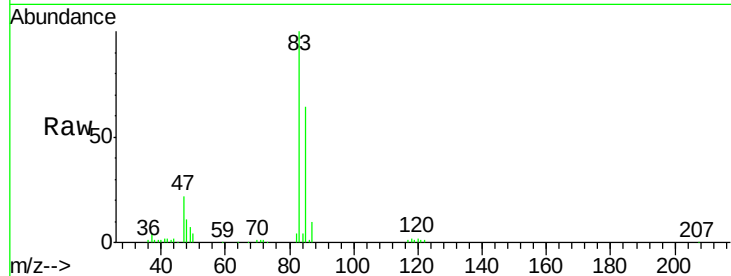
#25
Chloroform
Concen: 18.879 ug/l
RT: 5.17 min Scan# 670
Delta R.T. 0.01 min
Lab File: VX019475.D
Acq: 19 Nov 2020 18:55

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.4	77.0

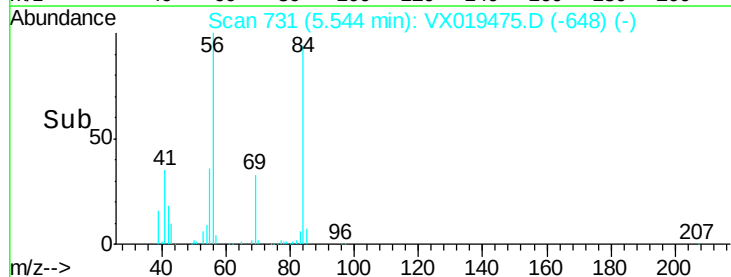
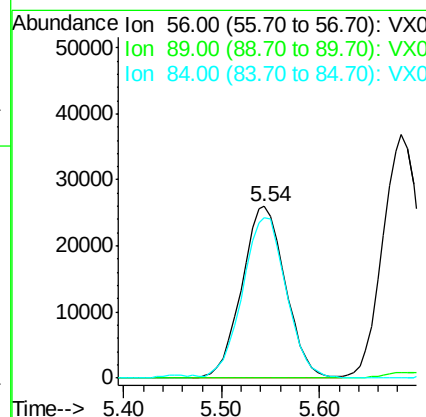
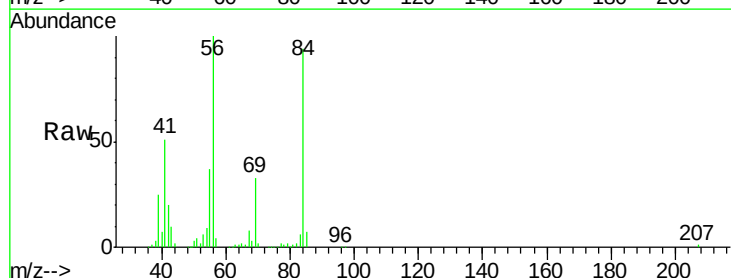
Manual Integrations
APPROVED

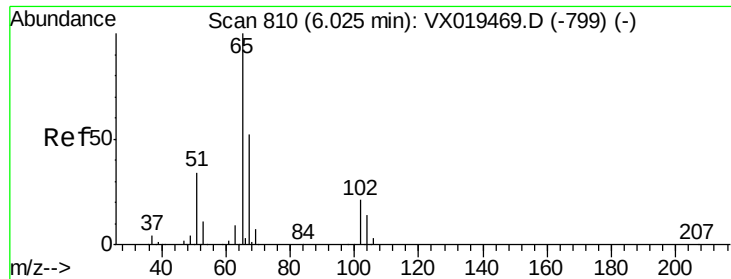
MMDadoda
11/20/2020 12:25:13 PM



#26
Cyclohexane
Concen: 18.604 ug/l
RT: 5.54 min Scan# 731
Delta R.T. 0.01 min
Lab File: VX019475.D
Acq: 19 Nov 2020 18:55

Tgt Ion	Ratio	Lower	Upper
56	100		
89	0.0	0.0	0.0
84	94.1	75.2	112.8





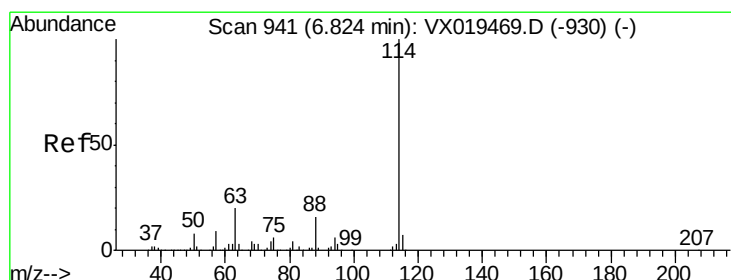
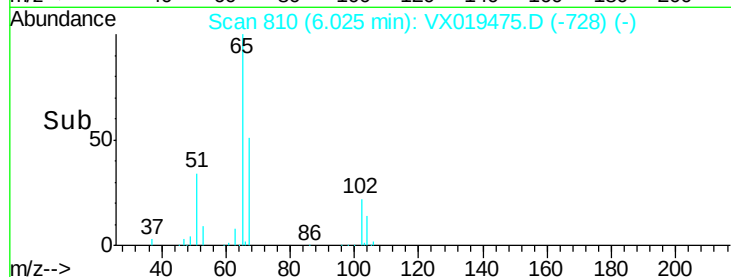
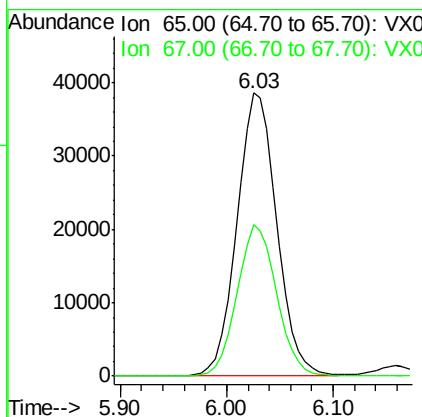
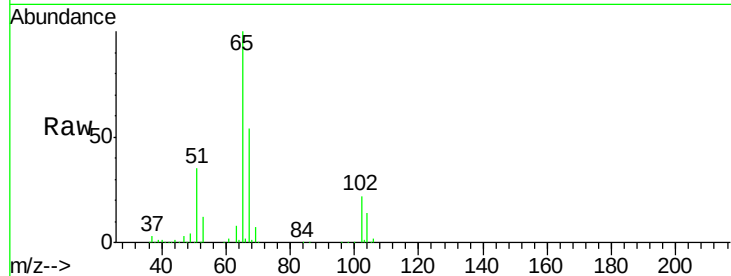
#27
 1,2-Dichloroethane-d4
 Concen: 30.403 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: VX019475.D
 Acq: 19 Nov 2020 18:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.2	42.2	63.2

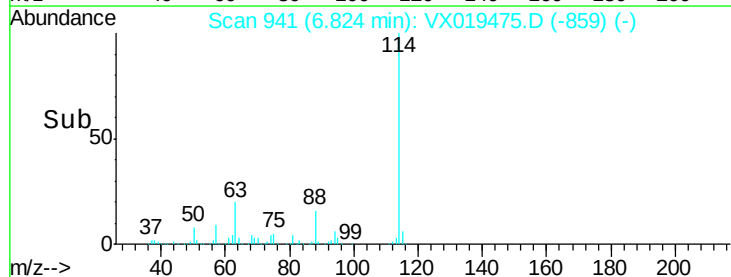
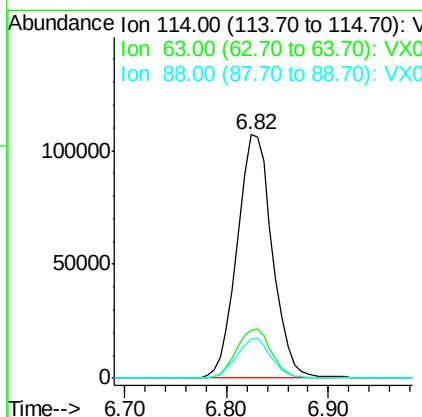
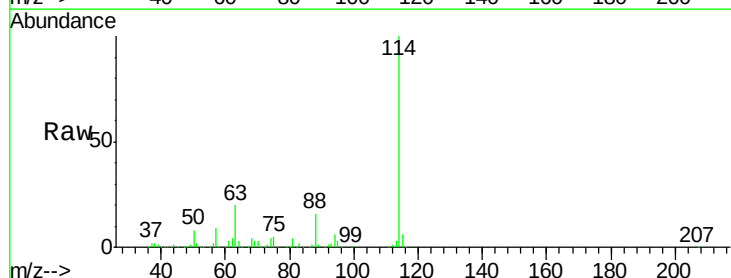
Manual Integrations
 APPROVED

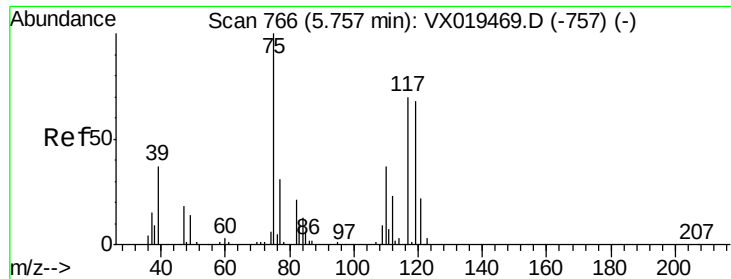
MMDadoda
 11/20/2020 12:25:13 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.00 min
 Lab File: VX019475.D
 Acq: 19 Nov 2020 18:55

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.2	16.2	24.2
88	16.1	12.9	19.3





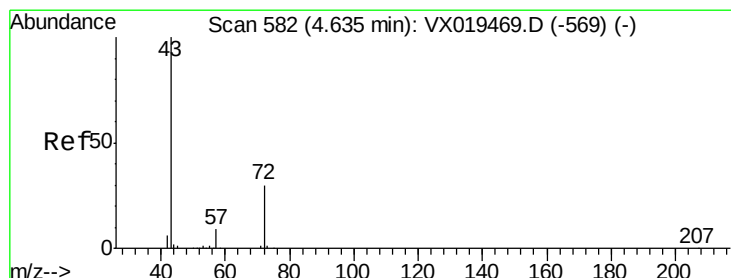
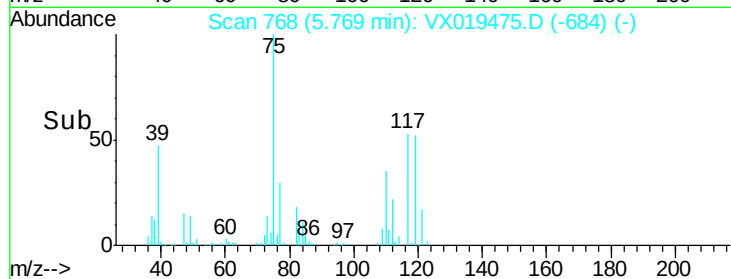
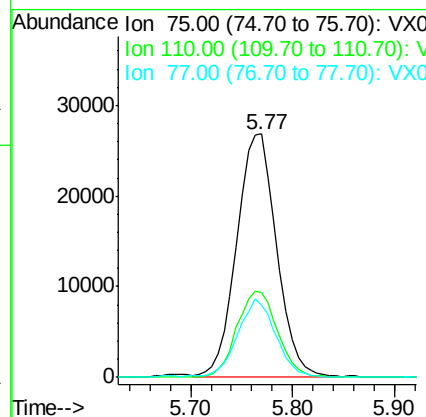
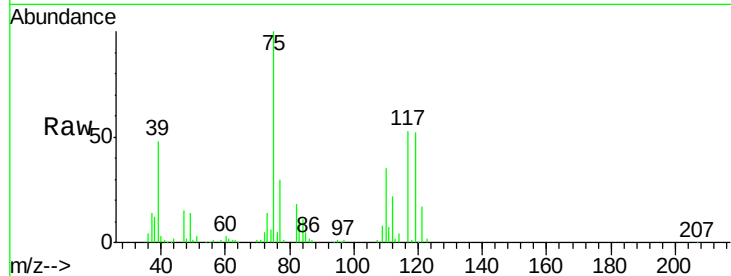
#29
 1,1-Dichloropropene
 Concen: 18.598 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.01 min
 Lab File: VX019475.D
 Acq: 19 Nov 2020 18:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
110	36.0	0.0	74.0
77	30.6	0.0	63.6

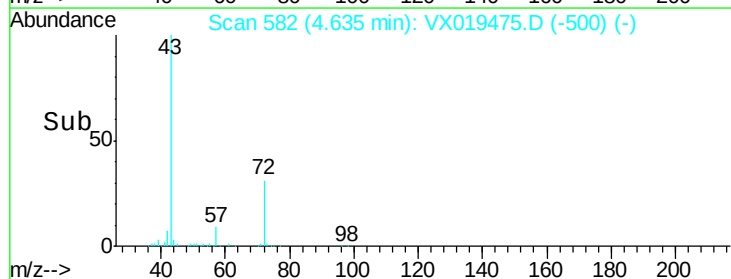
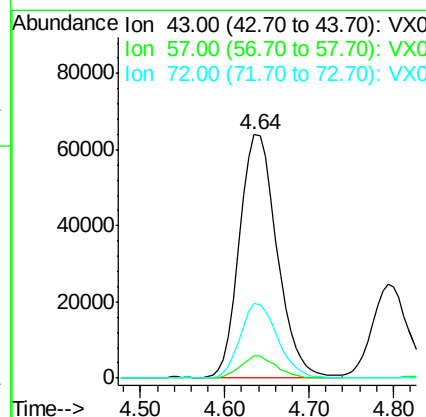
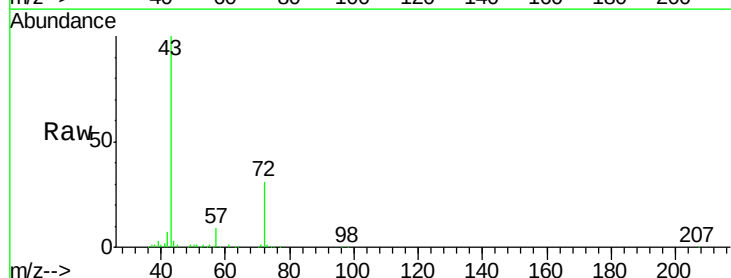
Manual Integrations
 APPROVED

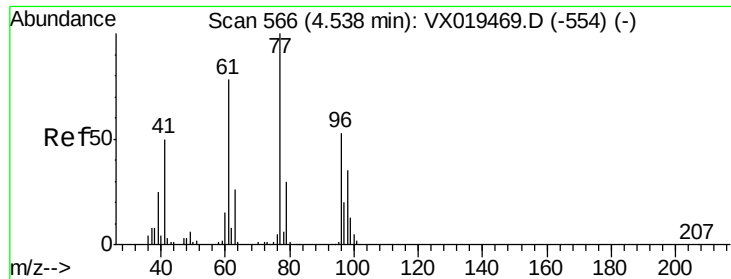
MMDadoda
 11/20/2020 12:25:13 PM



#30
 2-Butanone
 Concen: 96.588 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: VX019475.D
 Acq: 19 Nov 2020 18:55

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.8	7.4	11.0
72	30.3	24.2	36.2





#31

2,2-Dichloropropane

Concen: 17.932 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBS01

Tot Ion: 77 Resp: 79309

Ion Ratio Lower Upper

77 100

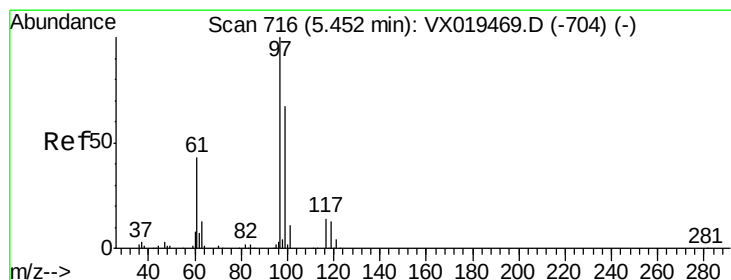
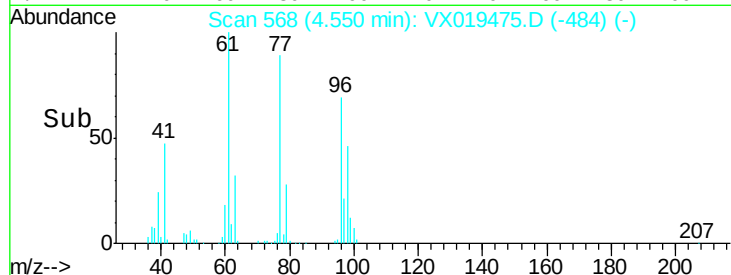
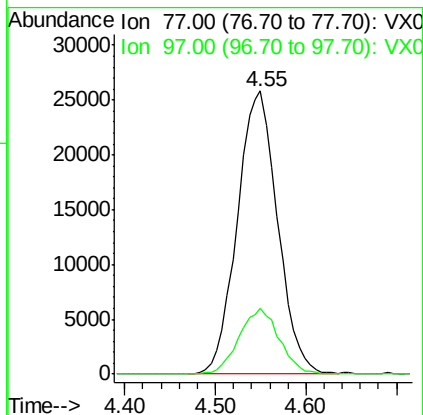
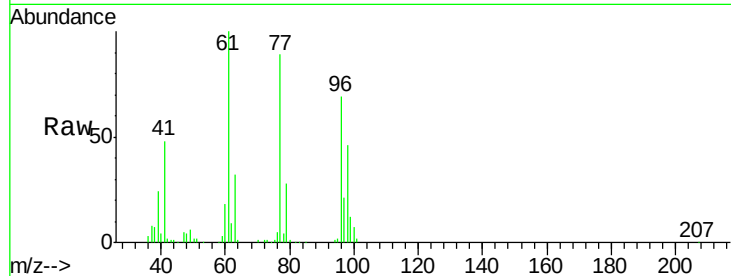
97 23.1 18.6 27.8

Manual Integrations

APPROVED

MMDadoda

11/20/2020 12:25:13 PM



#32

1,1,1-Trichloroethane

Concen: 18.660 ug/l

RT: 5.46 min Scan# 717

Delta R.T. 0.01 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

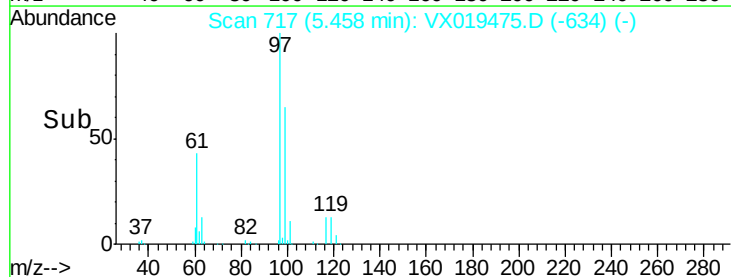
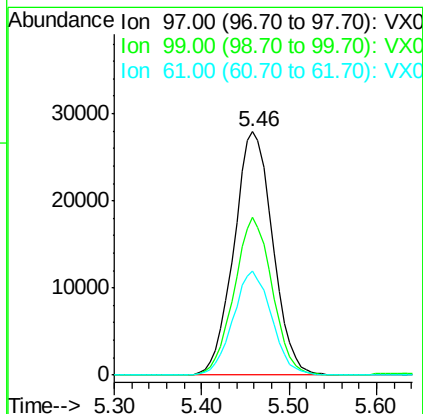
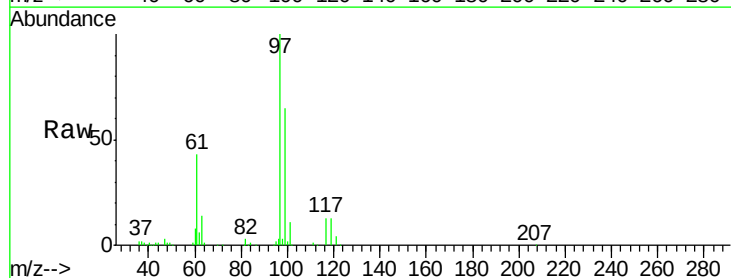
Tgt Ion: 97 Resp: 86142

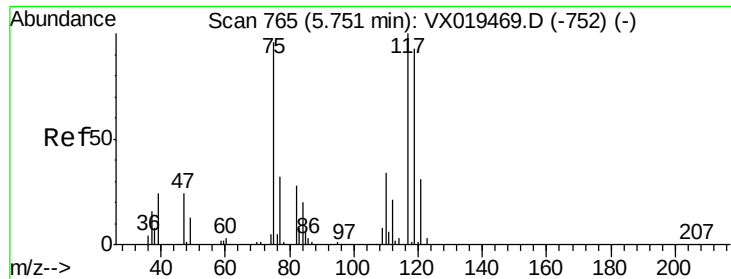
Ion Ratio Lower Upper

97 100

99 63.3 52.3 78.5

61 42.4 34.9 52.3





#33

Carbon Tetrachloride

Concen: 18.127 ug/l

RT: 5.74 min Scan# 764

Delta R.T. -0.01 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Instrument :

MSVOA_X

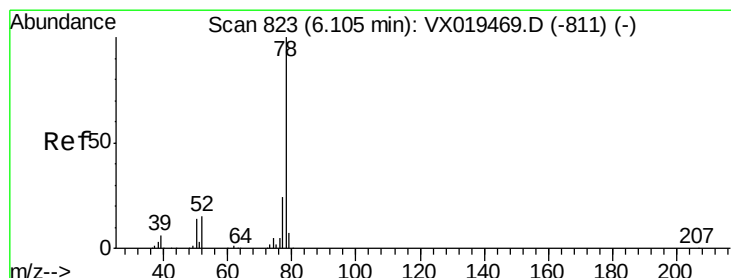
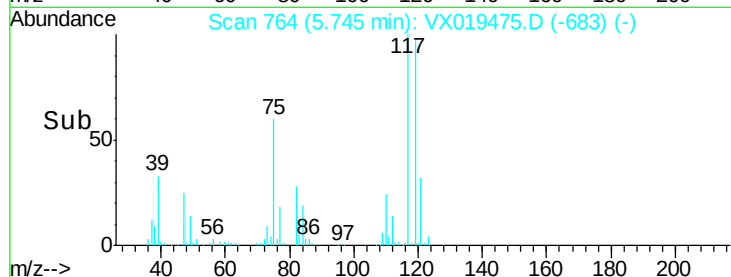
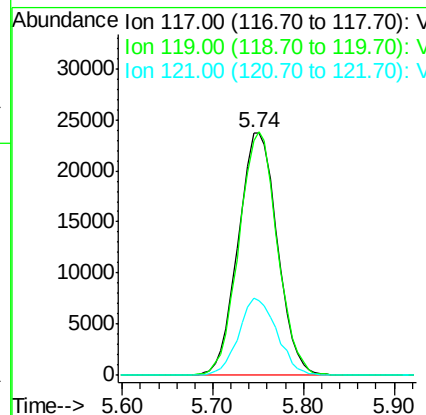
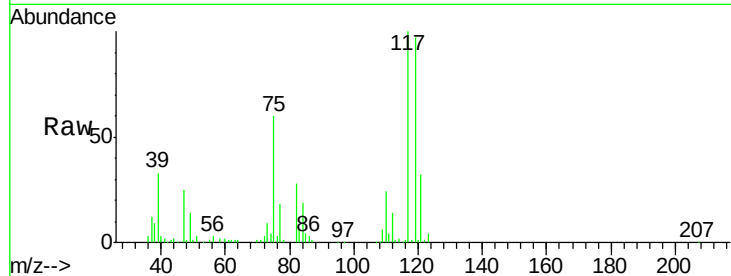
ClientSampleId :

VX1120WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
119	96.7	74.2	111.4
121	31.8	25.0	37.4

Manual Integrations
APPROVED

MMDadoda
11/20/2020 12:25:13 PM



#34

Benzene

Concen: 18.673 ug/l

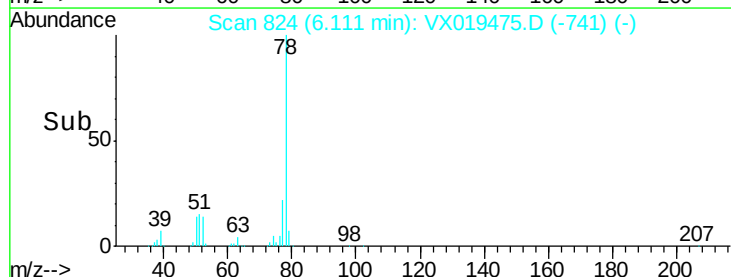
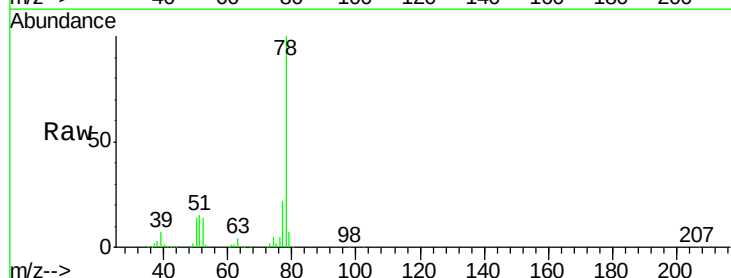
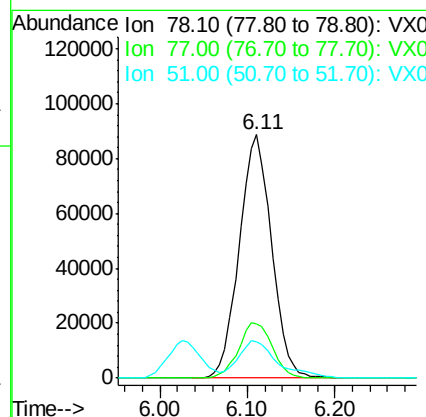
RT: 6.11 min Scan# 824

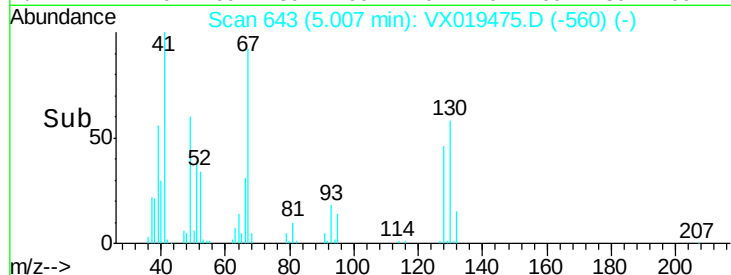
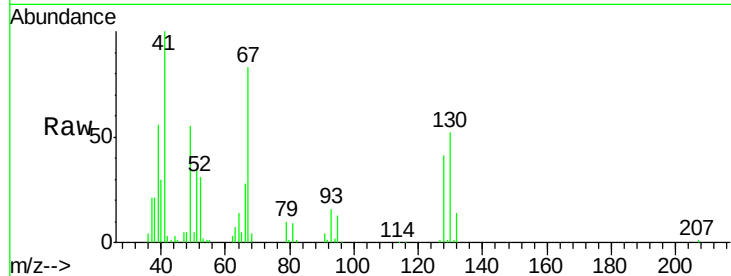
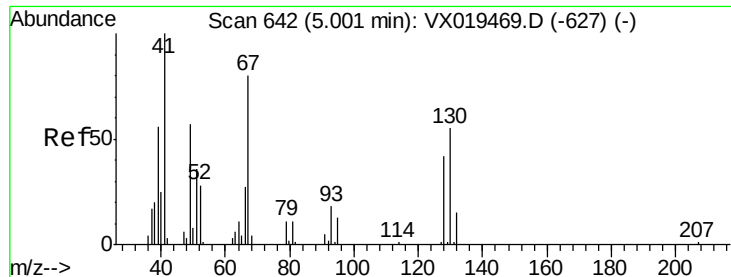
Delta R.T. 0.01 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.4	19.0	28.6
51	14.8	12.7	19.1





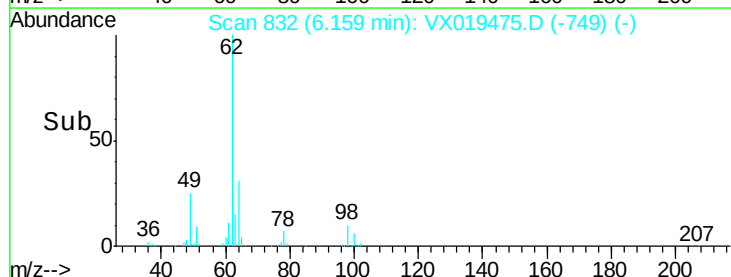
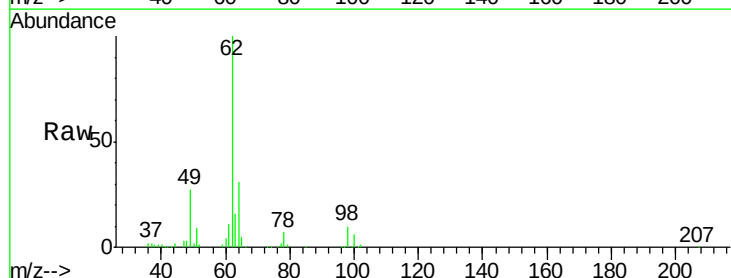
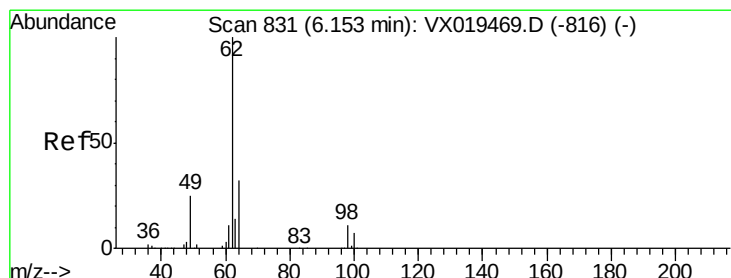
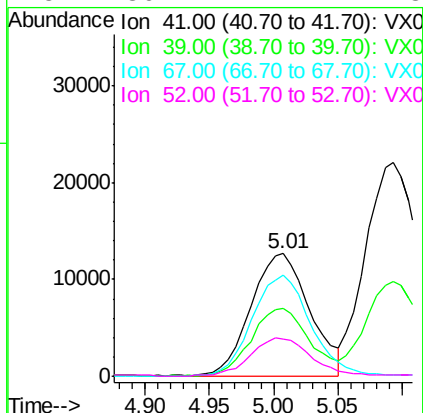
#35
Methacrylonitrile
Concen: 19.416 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX019475.D
Acq: 19 Nov 2020 18:55

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.6	28.0	84.0	
67	83.0	40.0	119.9	
52	30.7	14.2	42.8	

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

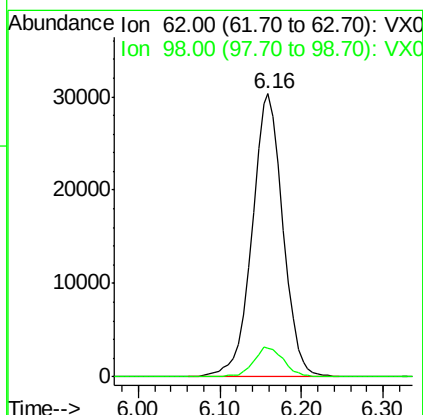
Manual Integrations
APPROVED

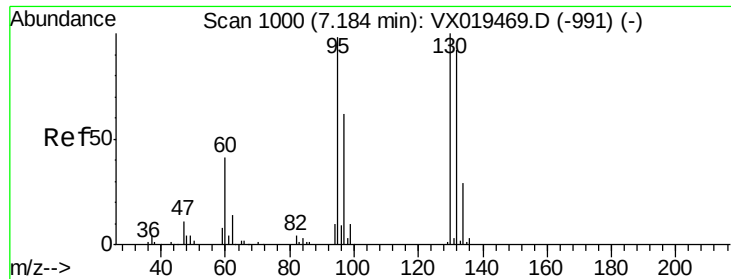
MMDadoda
11/20/2020 12:25:13 PM



#36
1,2-Dichloroethane
Concen: 18.917 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.01 min
Lab File: VX019475.D
Acq: 19 Nov 2020 18:55

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.2	8.1	12.1	





#37

Trichloroethene

Concen: 18.479 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBS01

Tot Ion:130 Resp: 59895

Ion Ratio Lower Upper

130 100

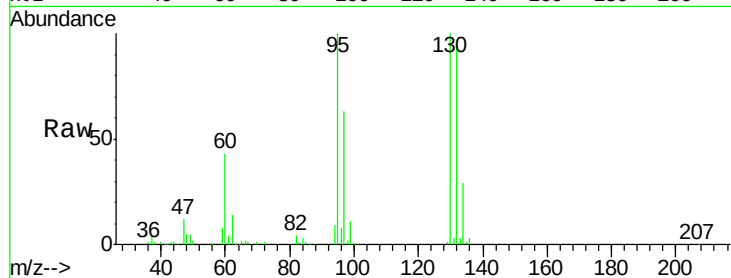
95 100.4 78.8 118.2

Manual Integrations

APPROVED

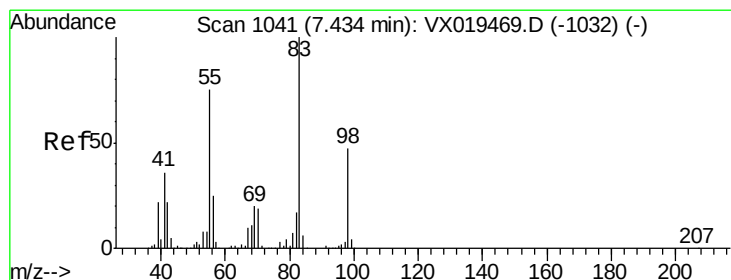
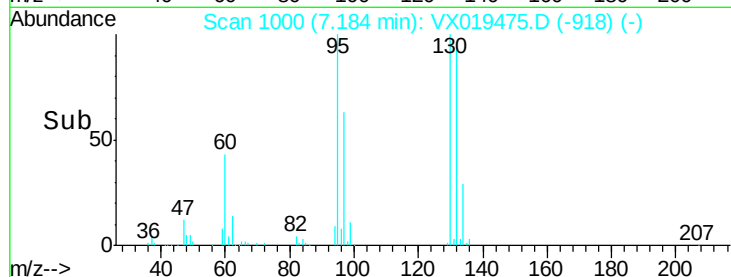
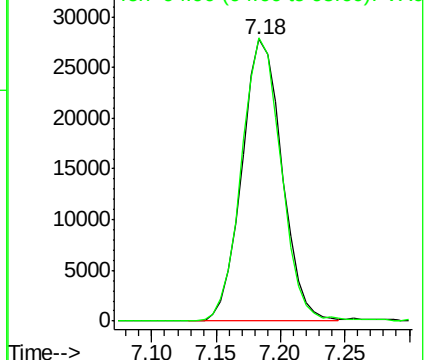
MMDadoda

11/20/2020 12:25:13 PM



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 17.948 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. 0.01 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

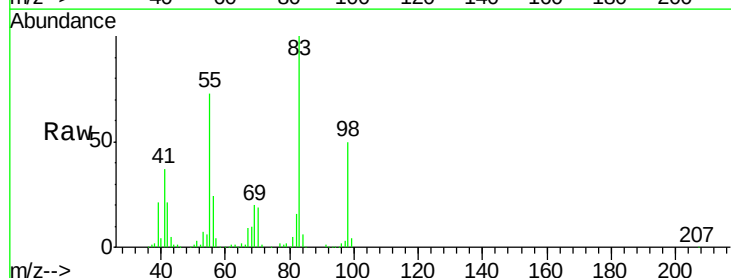
Tgt Ion: 83 Resp: 85352

Ion Ratio Lower Upper

83 100

55 74.7 37.7 113.1

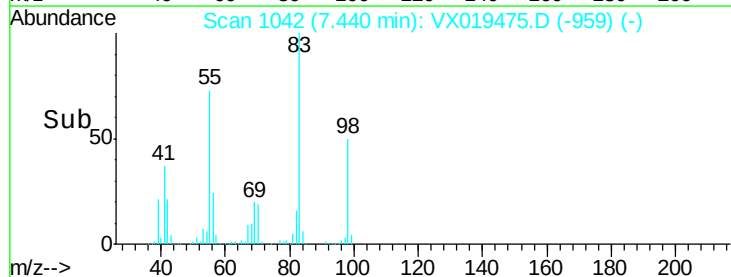
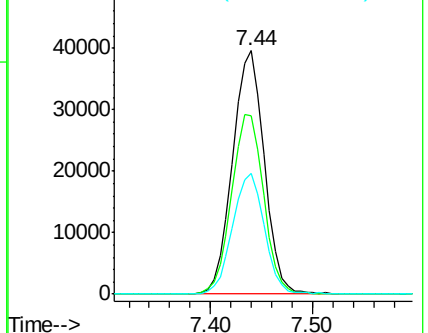
98 49.8 24.7 74.1

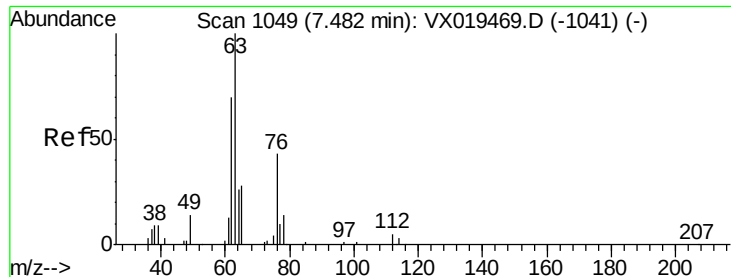


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





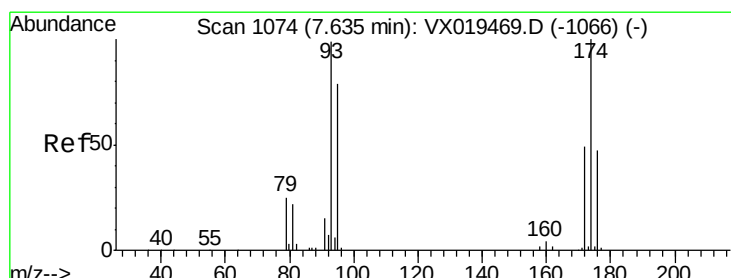
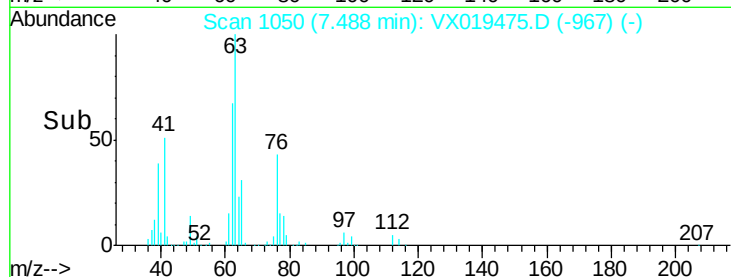
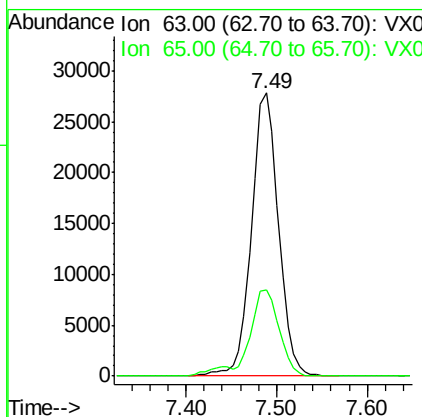
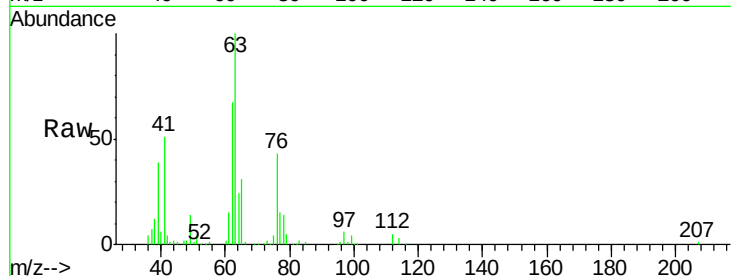
#39
 1,2-Dichloropropane
 Concen: 19.054 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: VX019475.D
 Acq: 19 Nov 2020 18:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBS01

Tot Ion: 63 Resp: 57519
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.8 37.2

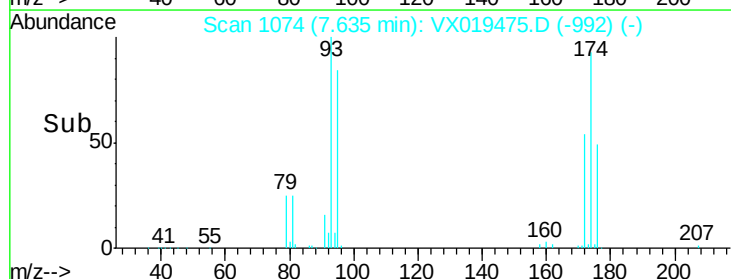
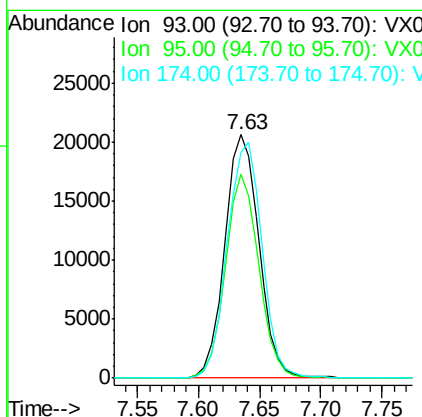
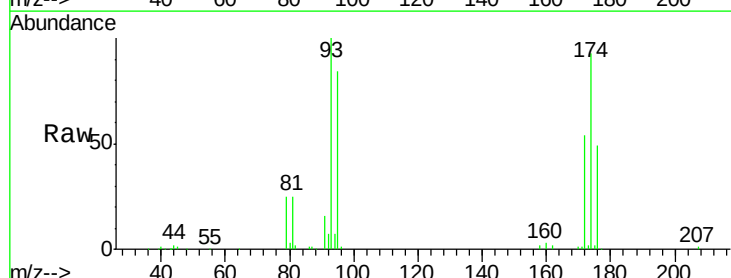
Manual Integrations
 APPROVED

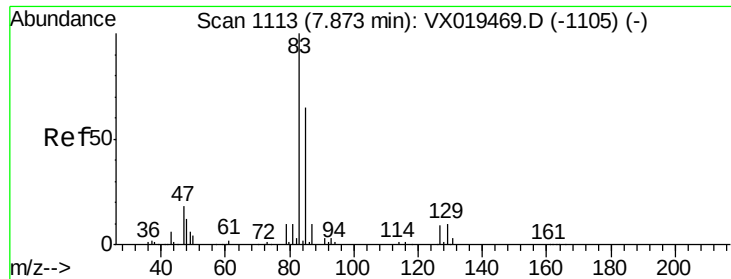
MMDadoda
 11/20/2020 12:25:13 PM



#40
 Dibromomethane
 Concen: 19.003 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VX019475.D
 Acq: 19 Nov 2020 18:55

Tgt Ion: 93 Resp: 39903
 Ion Ratio Lower Upper
 93 100
 95 81.9 0.0 162.4
 174 98.7 0.0 198.8





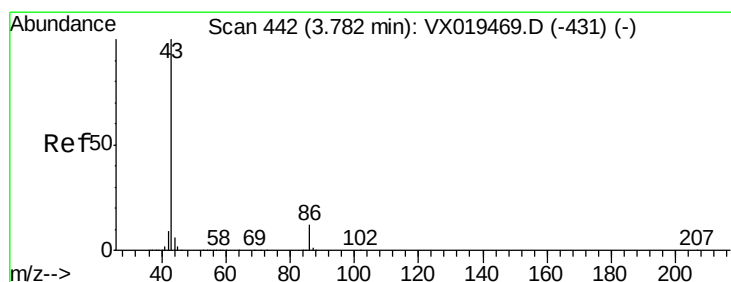
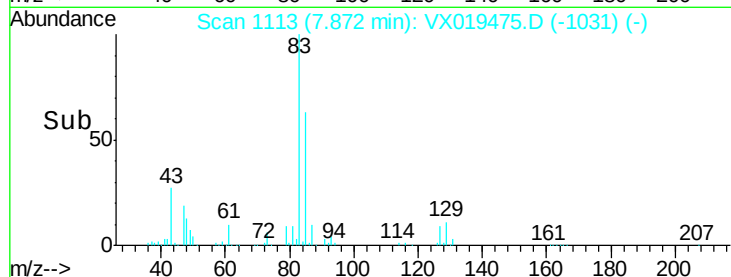
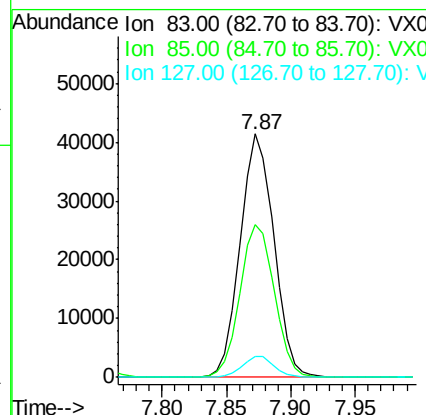
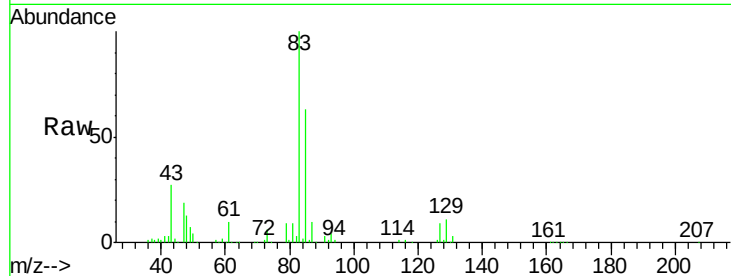
#41
Bromodichloromethane
Concen: 18.239 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VX019475.D
Acq: 19 Nov 2020 18:55

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

Tot Ion	83	Resp	75268
Ion Ratio	100	Lower	Upper
83	100		
85	62.6	51.7	77.5
127	8.8	7.0	10.6

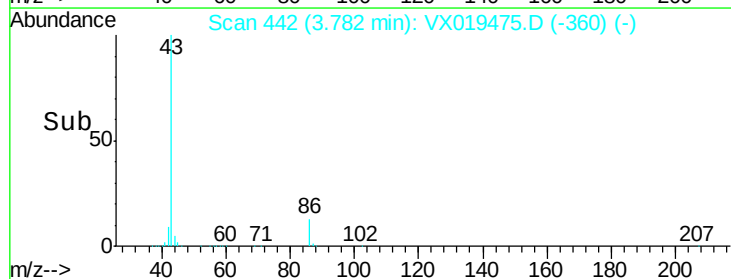
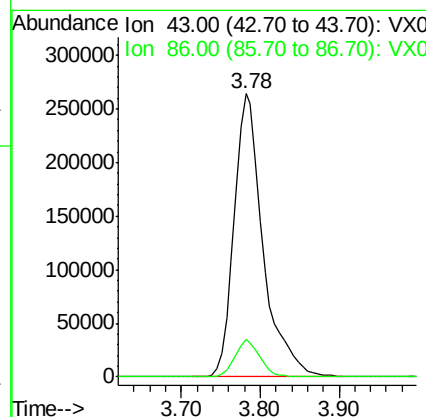
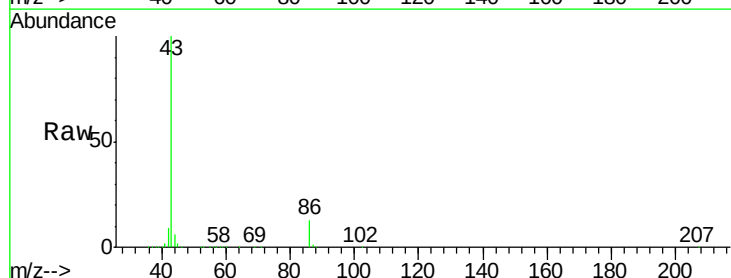
Manual Integrations
APPROVED

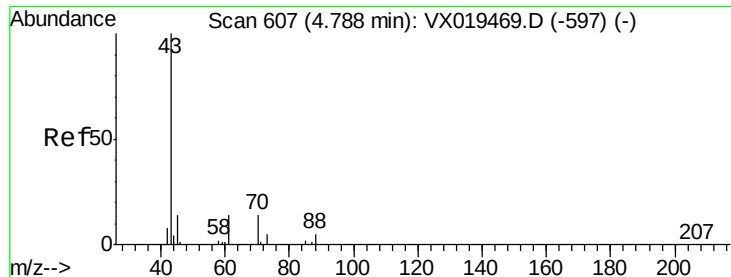
MMDadoda
11/20/2020 12:25:13 PM



#42
Vinyl Acetate
Concen: 94.261 ug/l
RT: 3.78 min Scan# 442
Delta R.T. -0.00 min
Lab File: VX019475.D
Acq: 19 Nov 2020 18:55

Tgt Ion	43	Resp	673970
Ion Ratio	100	Lower	Upper
43	100		
86	11.3	8.8	13.2





#43

Ethyl Acetate

Concen: 19.213 ug/l

RT: 4.79 min Scan# 608

Delta R.T. 0.01 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBS01

Tot Ion: 43 Resp: 73509

Ion Ratio Lower Upper

43 100

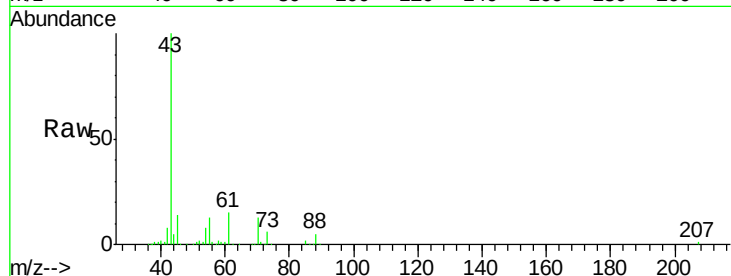
45 15.1 12.9 19.3

Manual Integrations

APPROVED

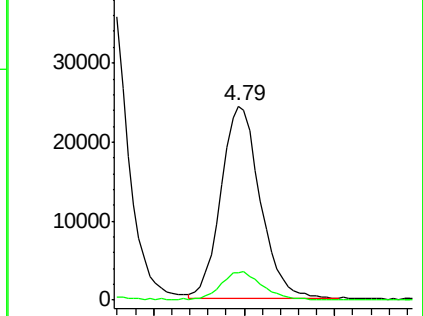
MMDadoda

11/20/2020 12:25:13 PM

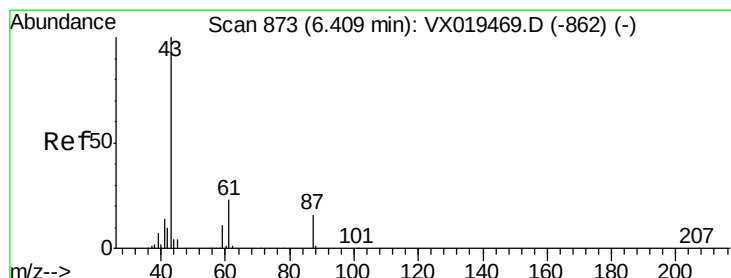
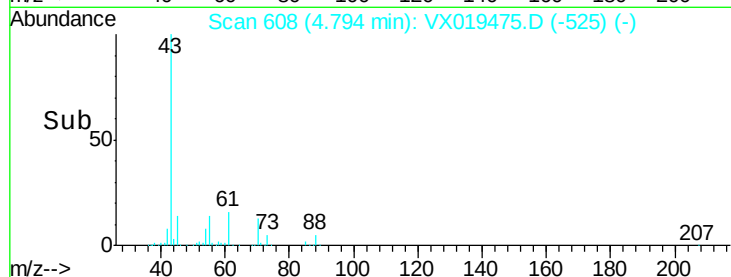


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



Time-->



#44

Isopropyl Acetate

Concen: 19.012 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX019475.D

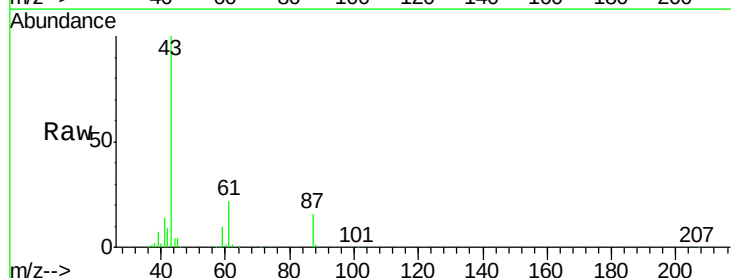
Acq: 19 Nov 2020 18:55

Tgt Ion: 43 Resp: 118057

Ion Ratio Lower Upper

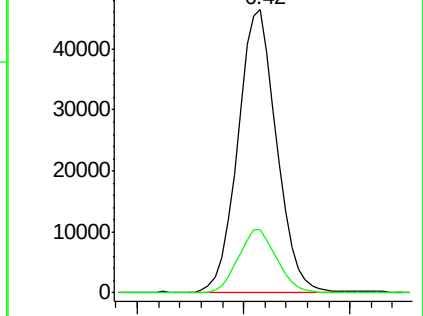
43 100

61 22.5 18.1 27.1

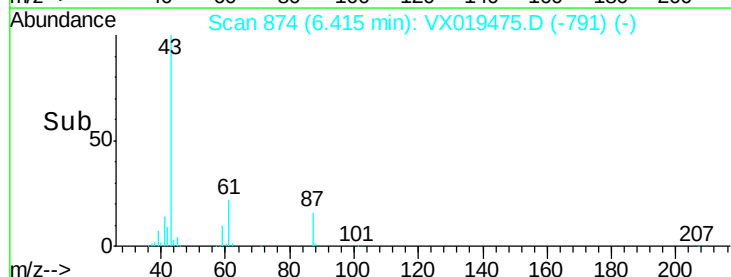


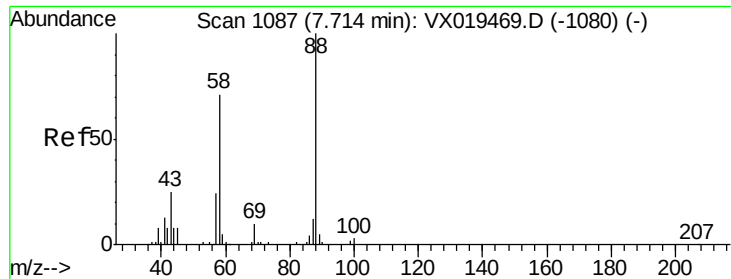
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



Time-->





#45

1,4-Dioxane

Concen: 384.539 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Instrument :

MSVOA_X

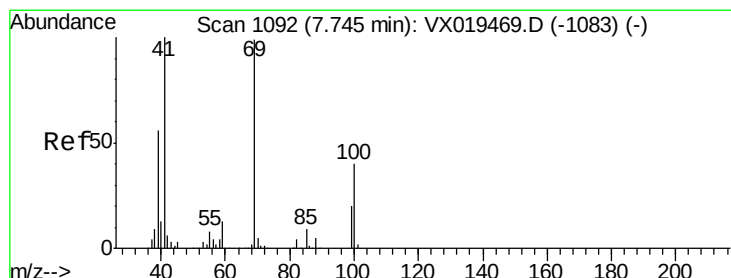
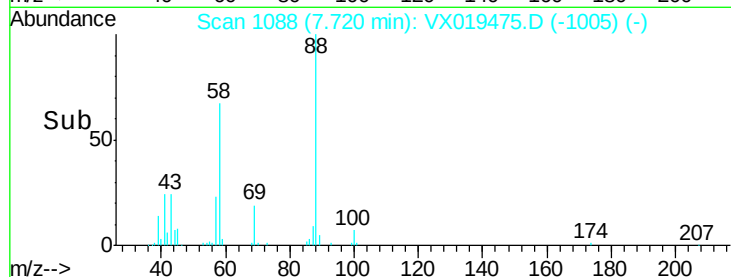
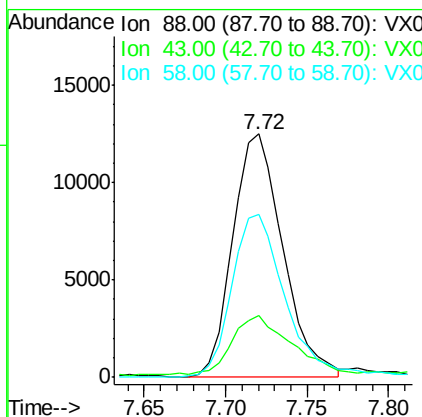
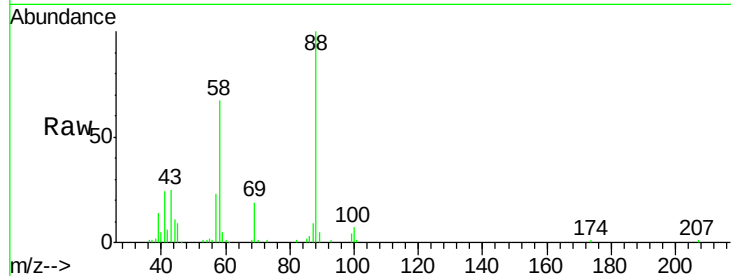
ClientSampleId :

VX1120WBS01

Tot Ion:	88	Resp:	26766
Ion	Ratio	Lower	Upper
88	100		
43	28.0	24.2	36.4
58	72.1	56.6	84.8

Manual Integrations
APPROVED

MMDadoda
11/20/2020 12:25:13 PM



#46

Methyl methacrylate

Concen: 18.967 ug/l

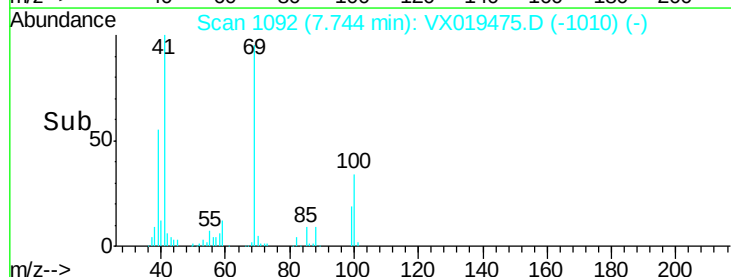
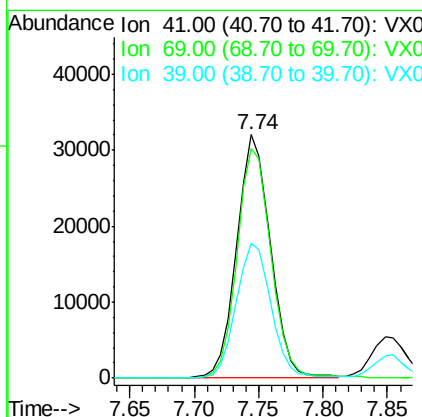
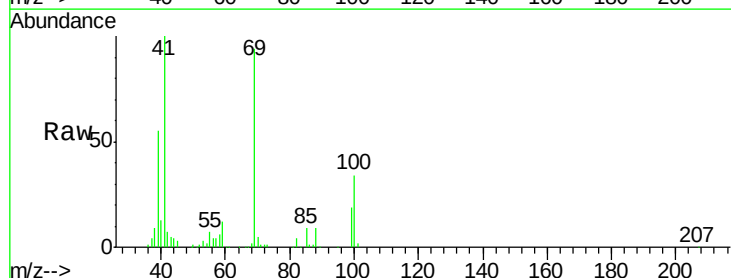
RT: 7.74 min Scan# 1092

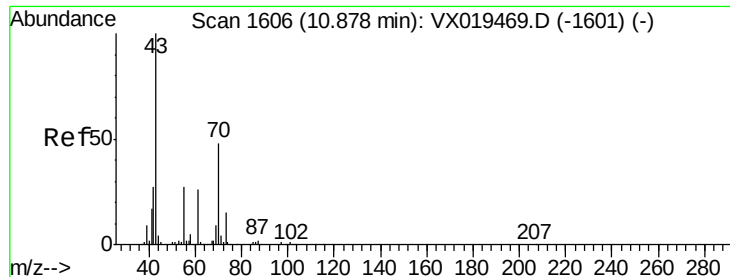
Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Tgt Ion:	41	Resp:	57645
Ion	Ratio	Lower	Upper
41	100		
69	94.7	49.7	149.1
39	55.0	28.1	84.4





#47

n-amvl Acetate

Concen: 18.796 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBS01

Tot Ion: 43 Resp: 97400

Ion Ratio Lower Upper

43 100

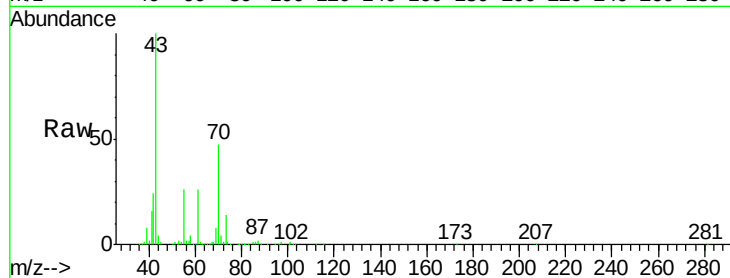
55 27.4 22.8 34.2

Manual Integrations

APPROVED

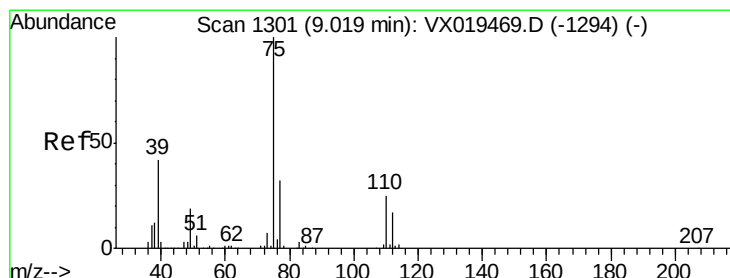
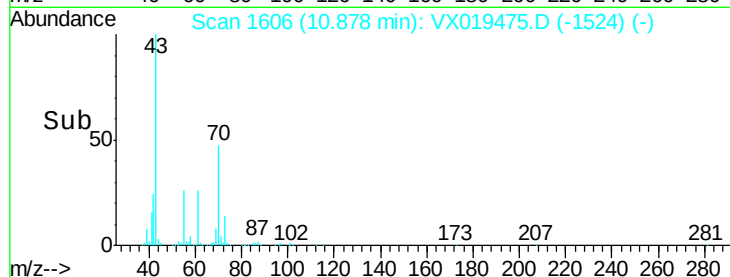
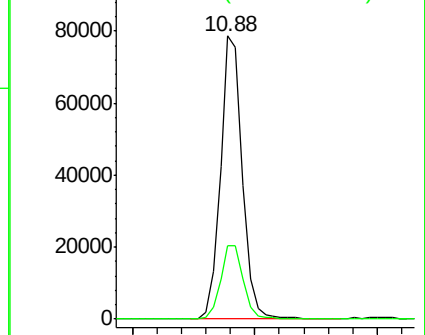
MMDadoda

11/20/2020 12:25:13 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 18.290 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VX019475.D

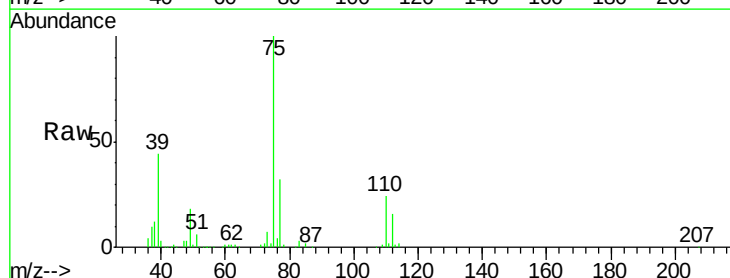
Acq: 19 Nov 2020 18:55

Tgt Ion: 75 Resp: 81956

Ion Ratio Lower Upper

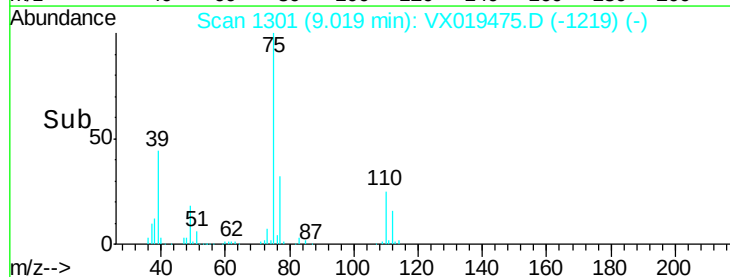
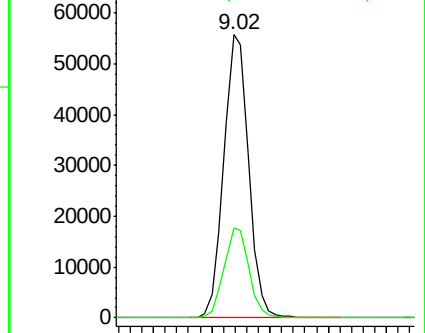
75 100

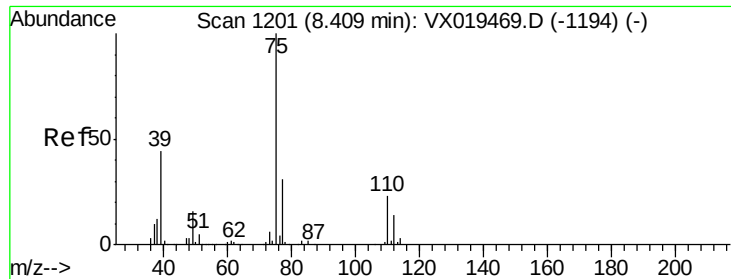
77 32.0 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#49

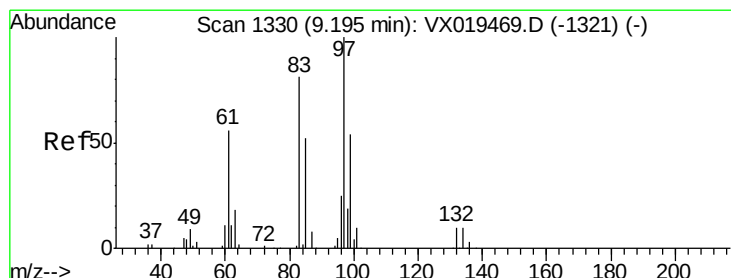
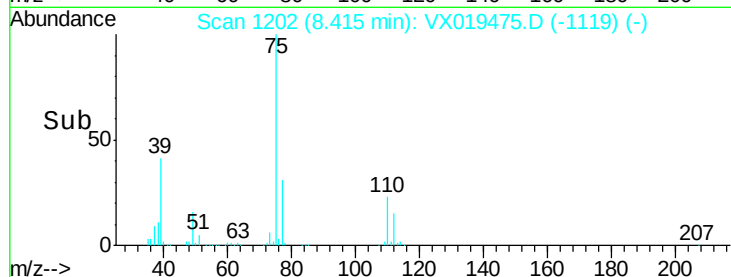
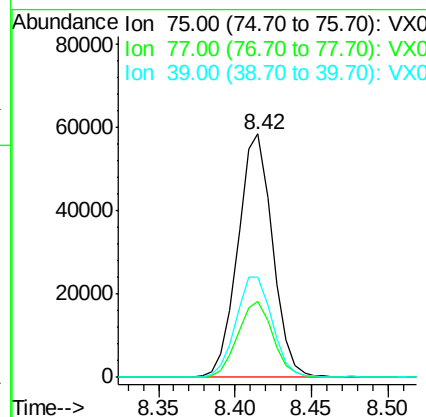
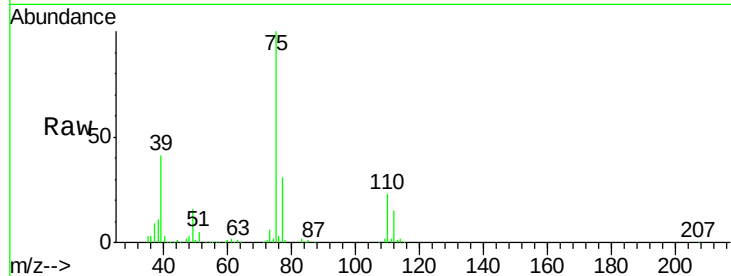
cis-1,3-Dichloropropene
 Concen: 18.567 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: VX019475.D
 Acq: 19 Nov 2020 18:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	24.7	37.1
39	41.2	35.3	52.9

Manual Integrations
 APPROVED

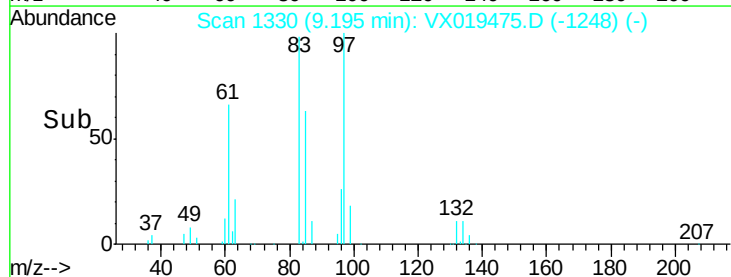
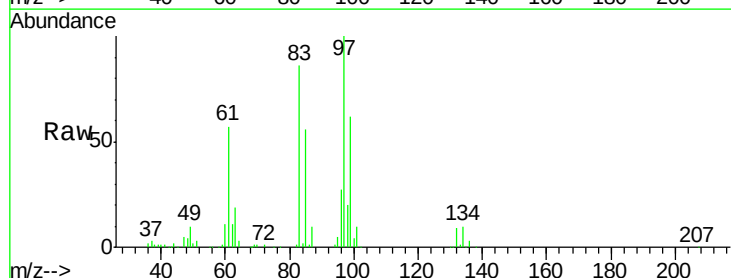
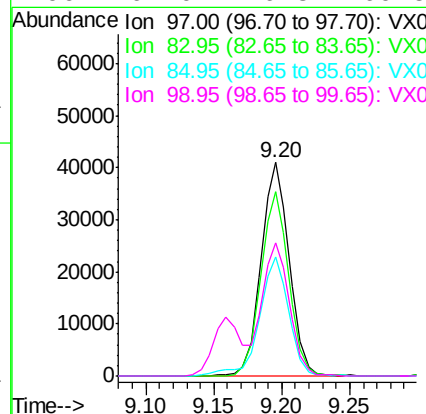
MMDadoda
 11/20/2020 12:25:13 PM

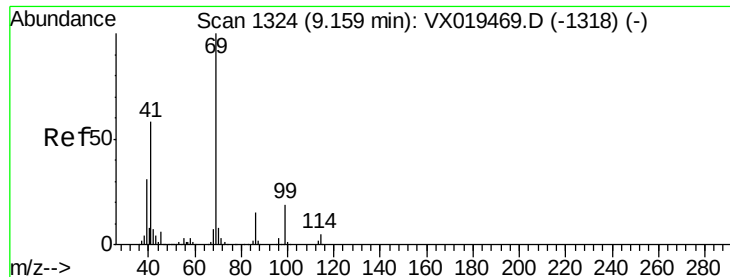


#50

1,1,2-Trichloroethane
 Concen: 18.944 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019475.D
 Acq: 19 Nov 2020 18:55

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.3	64.8	97.2
85	55.4	41.8	62.8
99	62.0	46.3	69.5





#51

Ethyl methacrylate

Concen: 19.161 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Instrument :

MSVOA_X

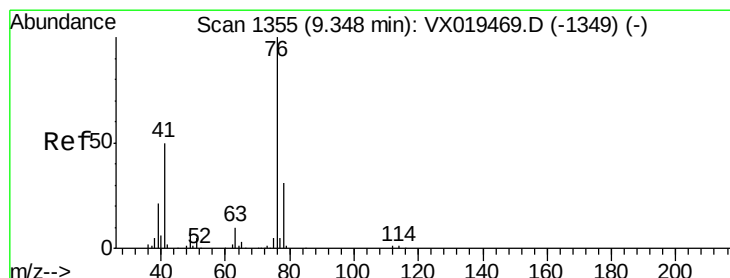
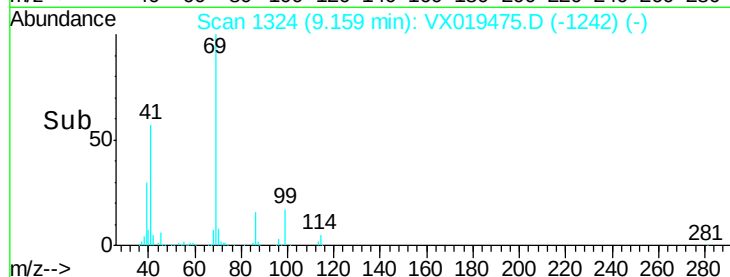
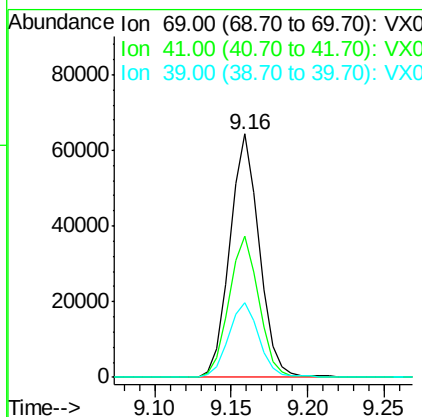
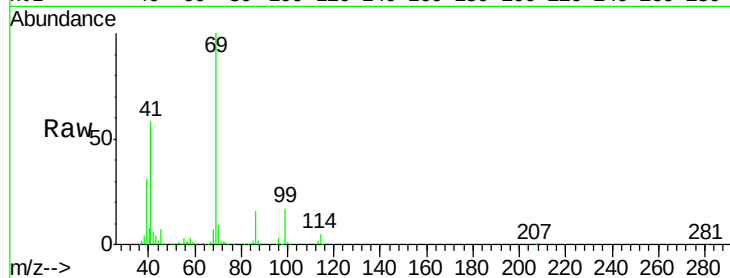
ClientSampleId :

VX1120WBS01

Tot Ion:	69	Resp:	86227
Ion	Ratio	Lower	Upper
69	100		
41	58.1	29.0	87.1
39	30.6	15.4	46.4

Manual Integrations
APPROVED

MMDadoda
11/20/2020 12:25:13 PM



#52

1,3-Dichloropropane

Concen: 19.311 ug/l

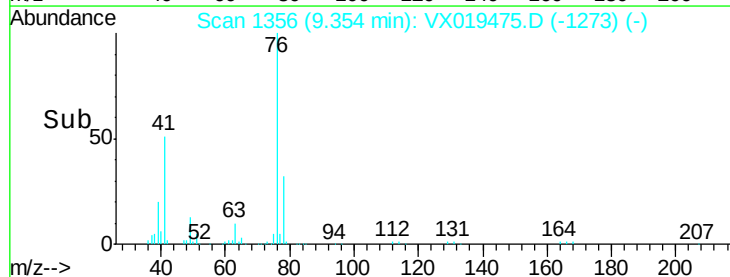
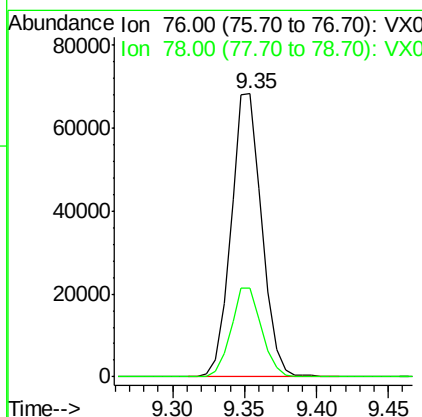
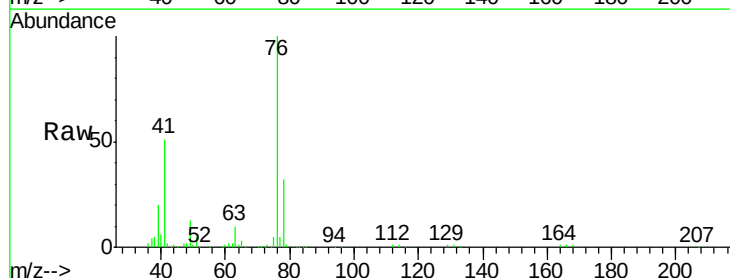
RT: 9.35 min Scan# 1356

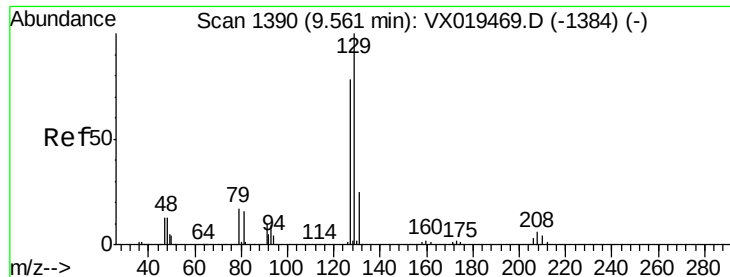
Delta R.T. 0.01 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Tgt Ion:	76	Resp:	101418
Ion	Ratio	Lower	Upper
76	100		
78	31.5	0.0	63.4





#53

Dibromochloromethane

Concen: 18.256 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBS01

Tot Ion:129 Resp: 57223

Ion Ratio Lower Upper

129 100

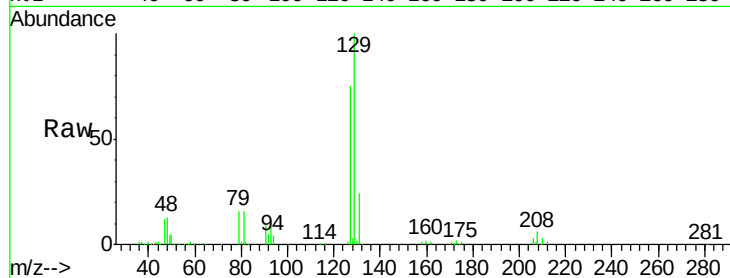
127 76.8 38.0 114.1

Manual Integrations

APPROVED

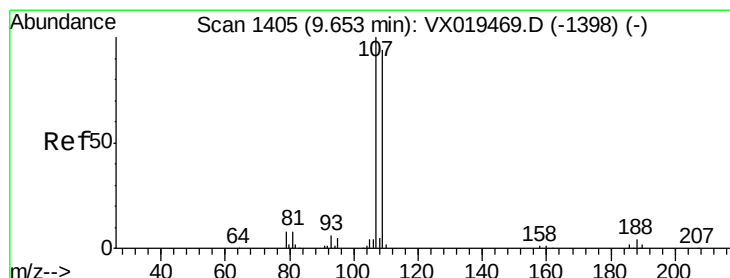
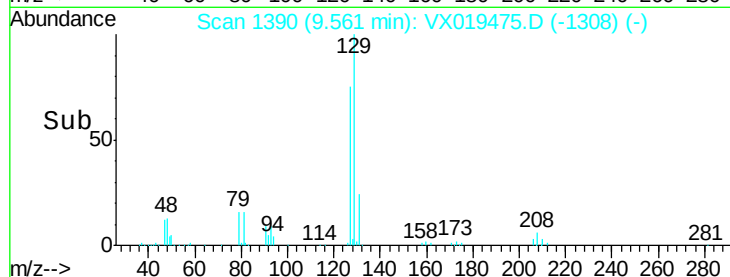
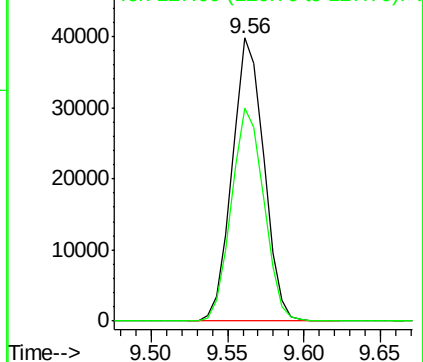
MMDadoda

11/20/2020 12:25:13 PM



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 18.933 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019475.D

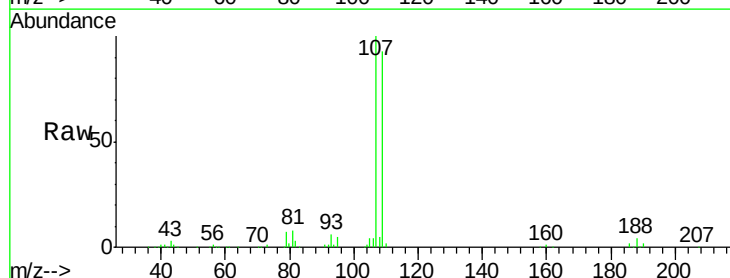
Acq: 19 Nov 2020 18:55

Tgt Ion:107 Resp: 61556

Ion Ratio Lower Upper

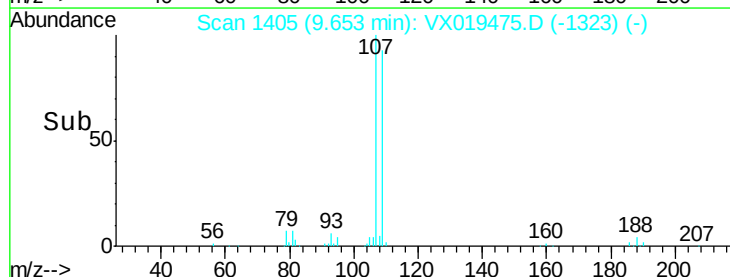
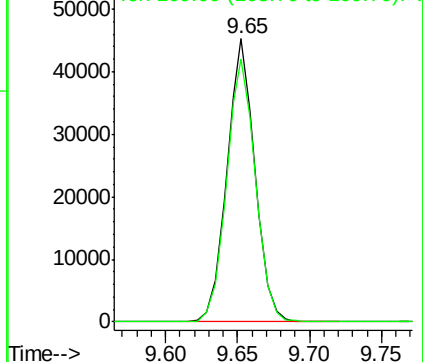
107 100

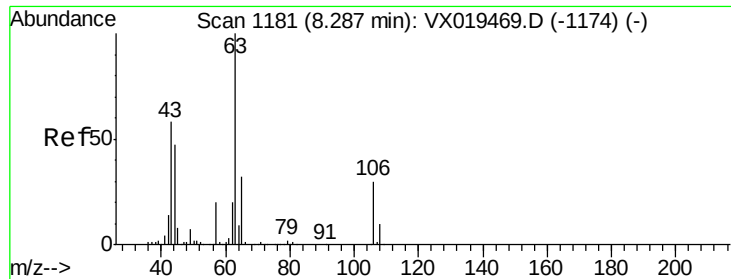
109 95.0 74.2 111.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





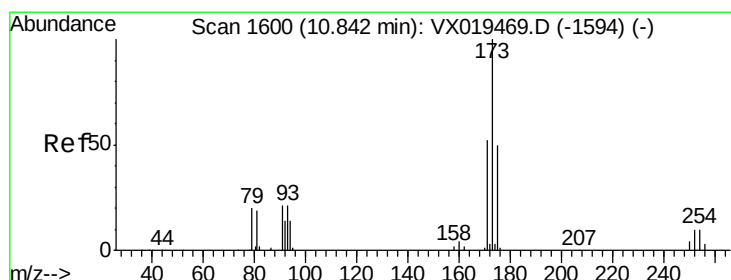
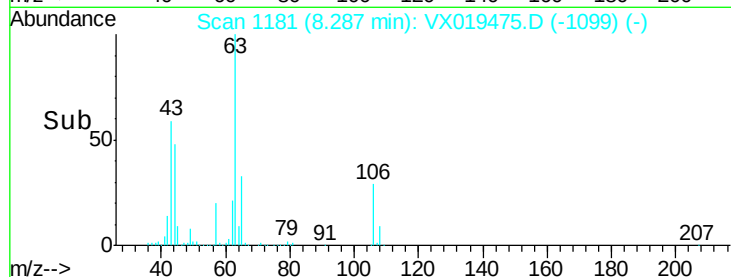
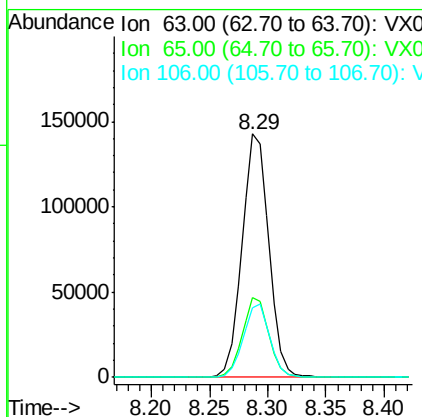
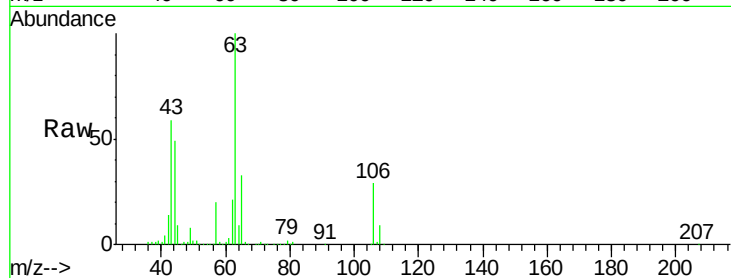
#55
2-Chloroethyl vinyl ether
Concen: 92.583 ug/l
RT: 8.29 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VX019475.D
Acq: 19 Nov 2020 18:55

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.7	38.5
106	29.7	24.2	36.4

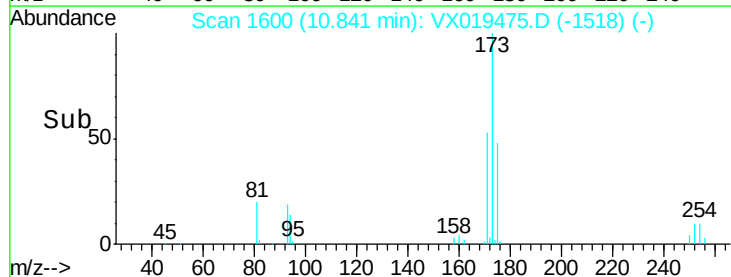
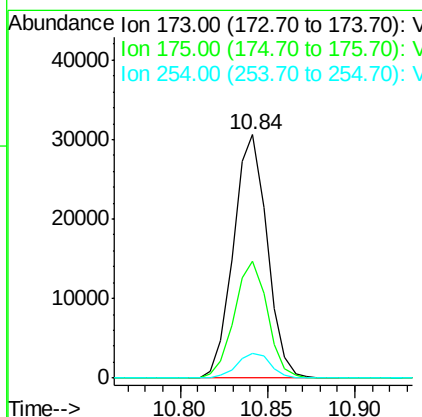
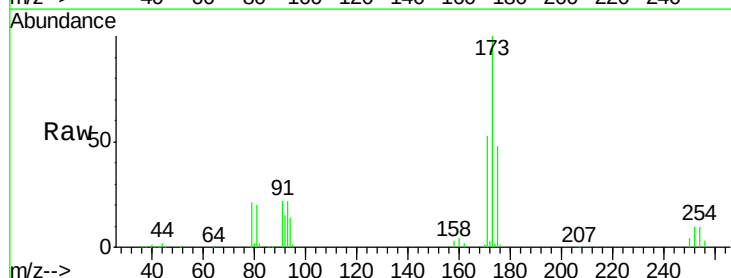
Manual Integrations
APPROVED

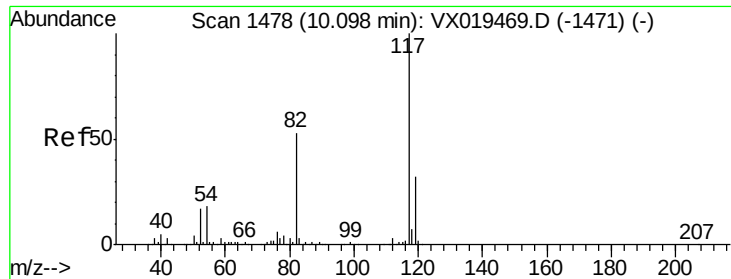
MMDadoda
11/20/2020 12:25:13 PM



#56
Bromoform
Concen: 18.481 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX019475.D
Acq: 19 Nov 2020 18:55

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.2	39.7	59.5
254	10.2	8.0	12.0





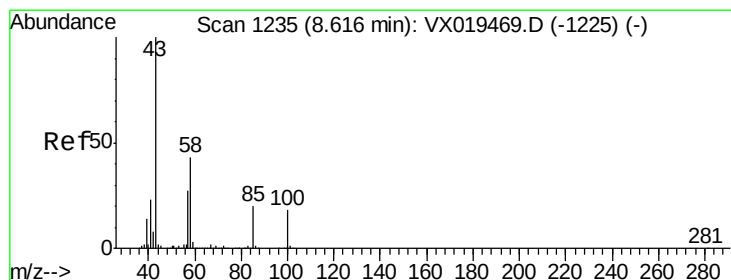
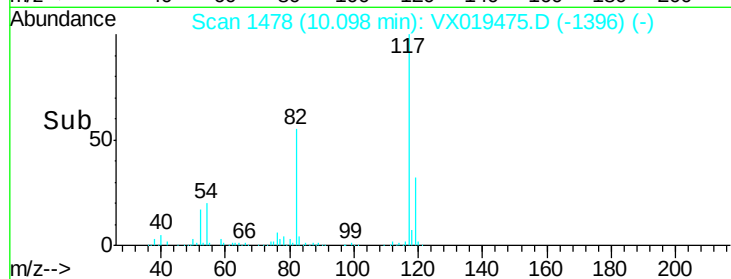
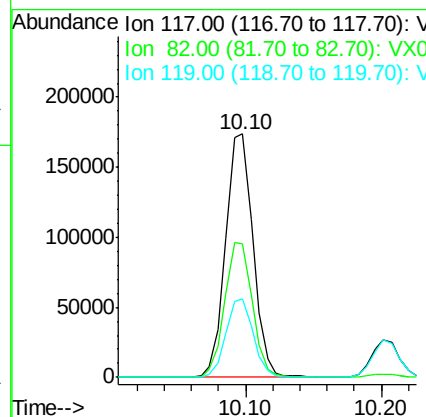
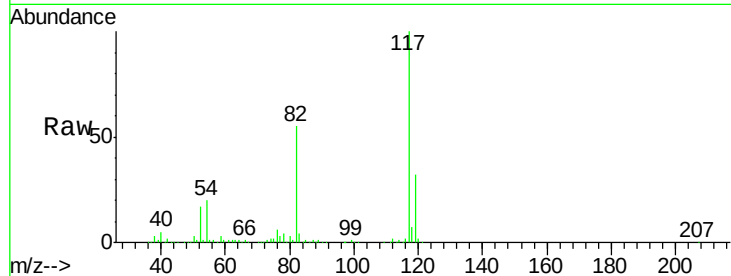
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019475.D
Acq: 19 Nov 2020 18:55

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	244254		
82	55.7	44.5	66.7	
119	32.0	25.9	38.9	

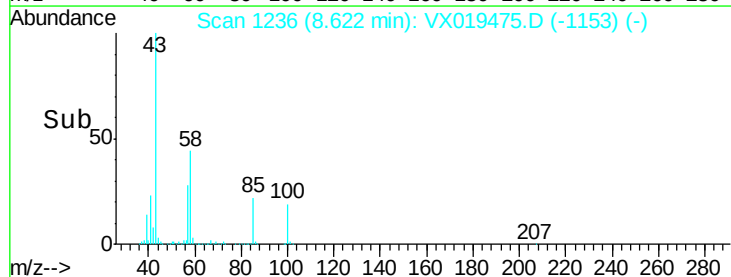
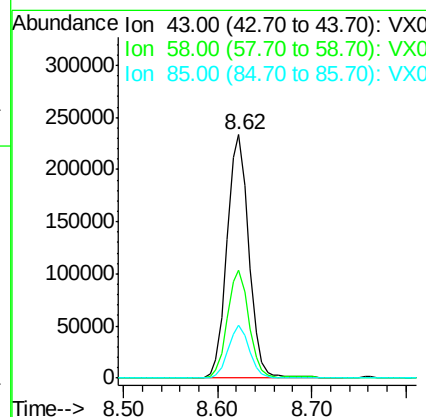
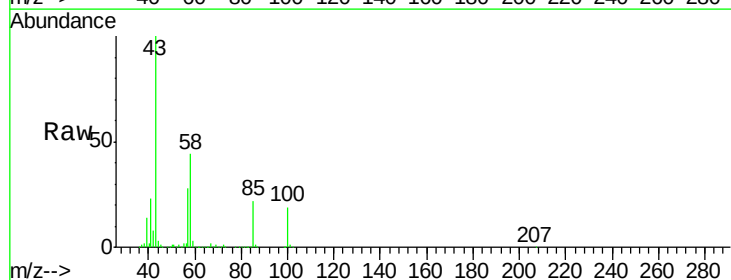
Manual Integrations
APPROVED

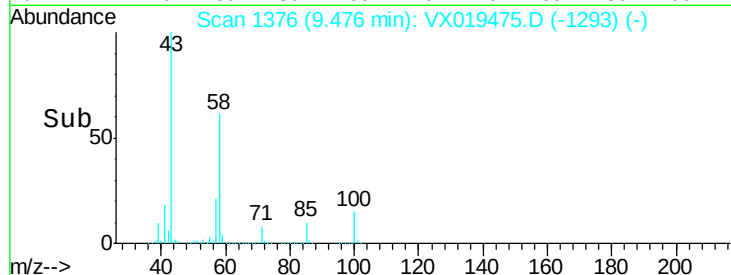
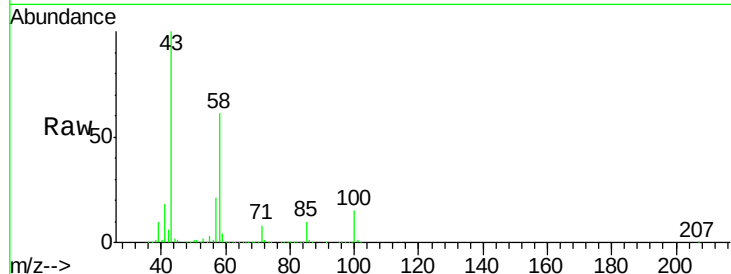
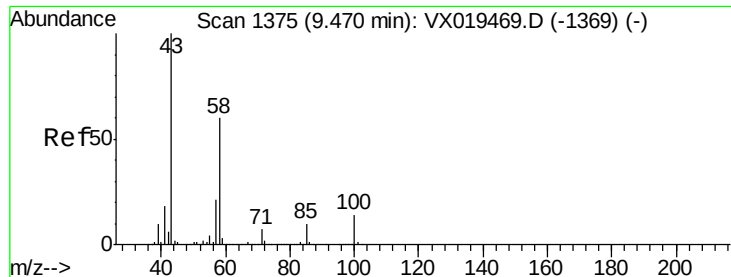
MMDadoda
11/20/2020 12:25:13 PM



#58
4-Methyl-2-Pentanone
Concen: 96.498 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VX019475.D
Acq: 19 Nov 2020 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	376546		
58	43.6	35.1	52.7	
85	21.0	16.7	25.1	





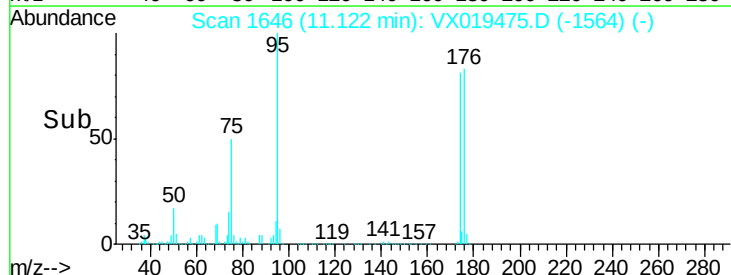
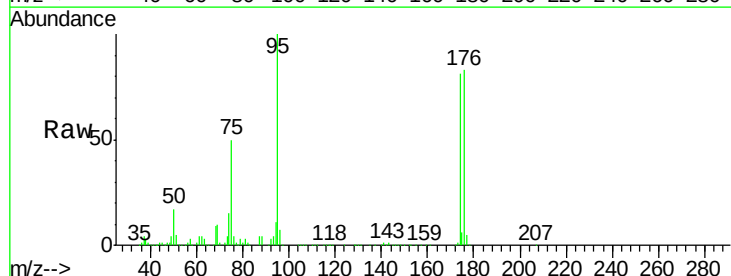
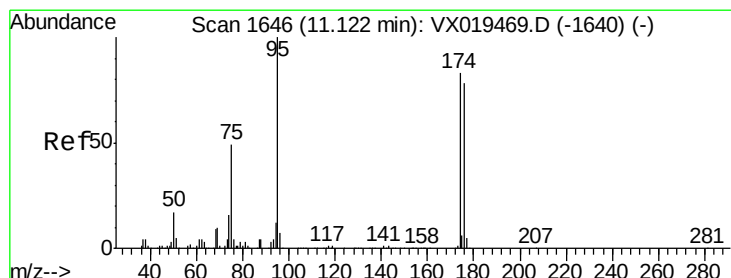
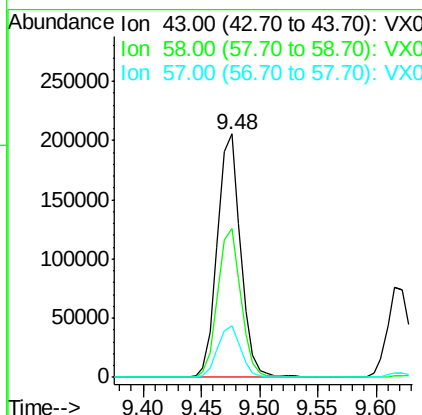
#59
2-Hexanone
Concen: 93.744 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX019475.D
Acq: 19 Nov 2020 18:55

Tot Ion	Ratio	Lower	Upper
43	100		
58	61.4	49.0	73.6
57	21.4	17.0	25.4

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

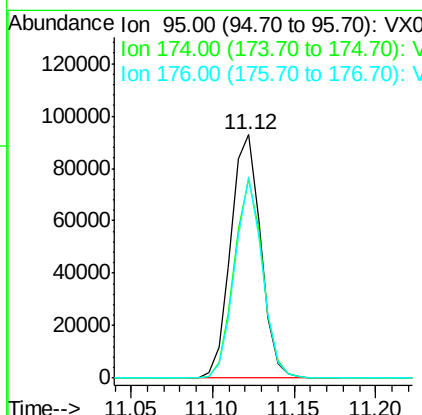
Manual Integrations
APPROVED

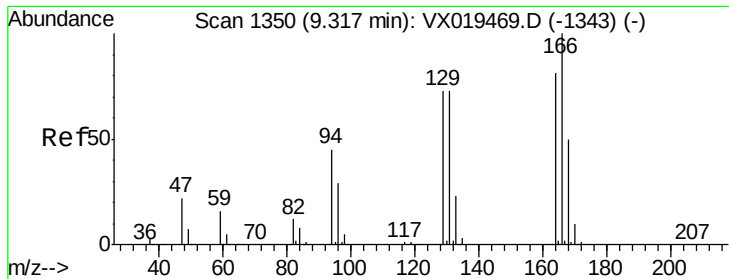
MMDadoda
11/20/2020 12:25:13 PM



#60
4-Bromofluorobenzene
Concen: 29.791 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019475.D
Acq: 19 Nov 2020 18:55

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.4	63.5	95.3
176	76.4	59.8	89.6





#61

Tetrachloroethene

Concen: 18.704 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBS01

Tot Ion:164 Resp: 59533

Ion Ratio Lower Upper

164 100

166 136.5 99.4 149.0

129 98.6 72.6 108.8

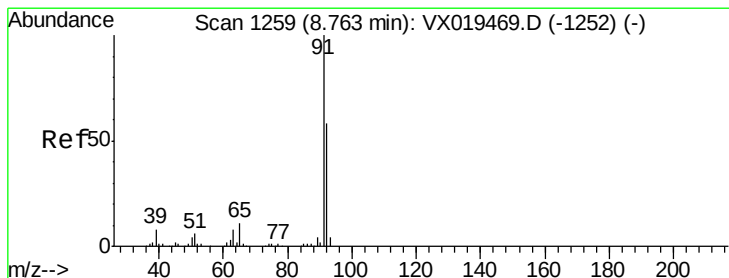
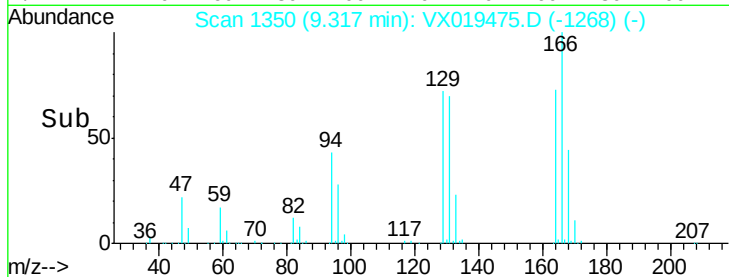
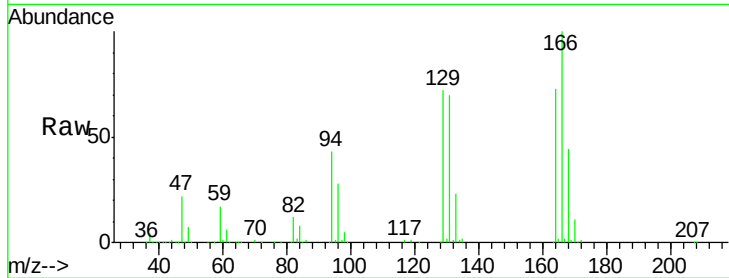
131 95.6 72.6 108.8

Manual Integrations

APPROVED

MMDadoda

11/20/2020 12:25:13 PM



#62

Toluene

Concen: 18.345 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019475.D

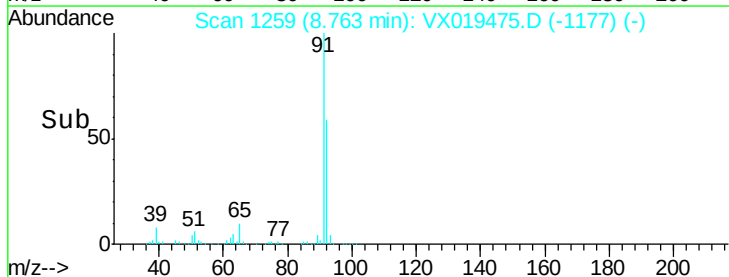
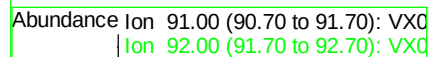
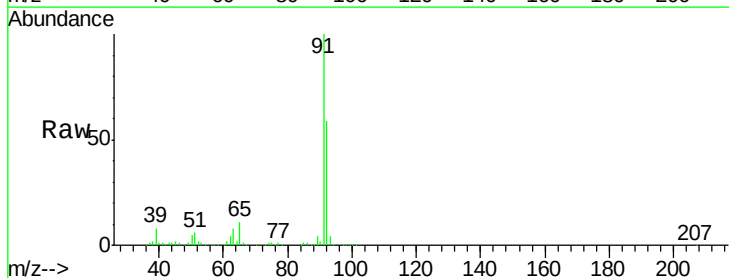
Acq: 19 Nov 2020 18:55

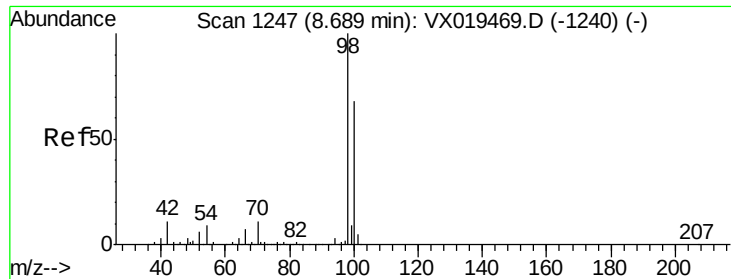
Tgt Ion: 91 Resp: 250627

Ion Ratio Lower Upper

91 100

92 58.3 47.4 71.2





#63

Toluene-d8

Concen: 29.413 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.01 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBS01

Tot Ion: 98 Resp: 320234

Ion Ratio Lower Upper

98 100

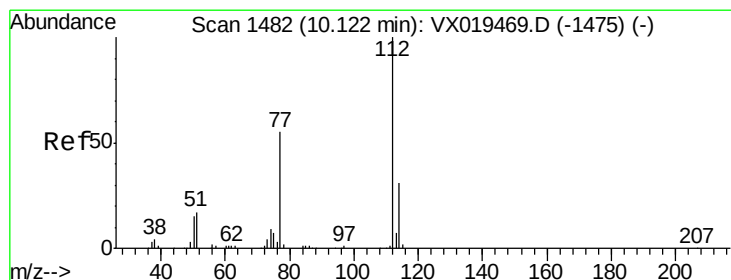
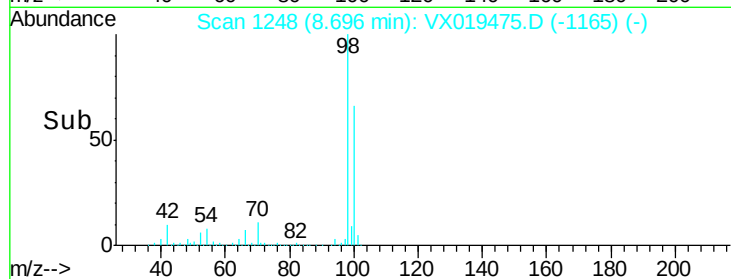
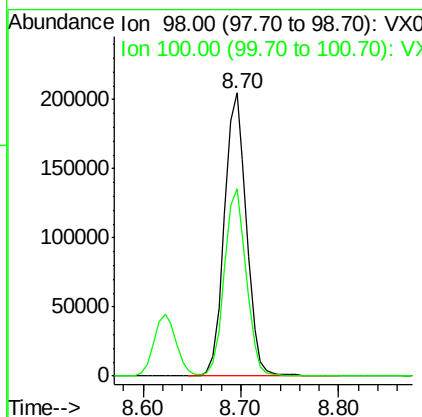
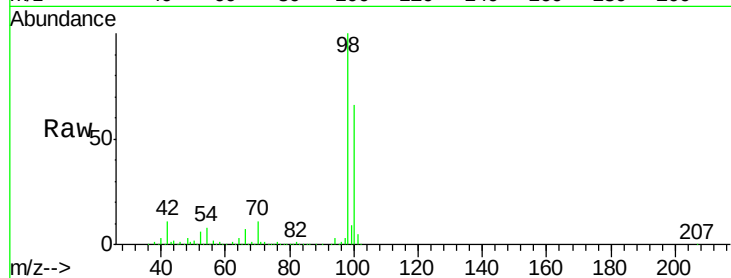
100 66.3 53.6 80.4

Manual Integrations

APPROVED

MMDadoda

11/20/2020 12:25:13 PM



#64

Chlorobenzene

Concen: 18.814 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX019475.D

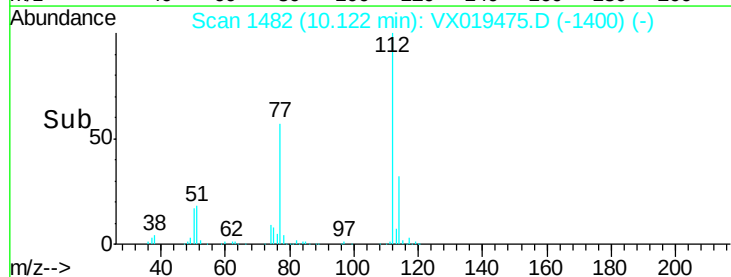
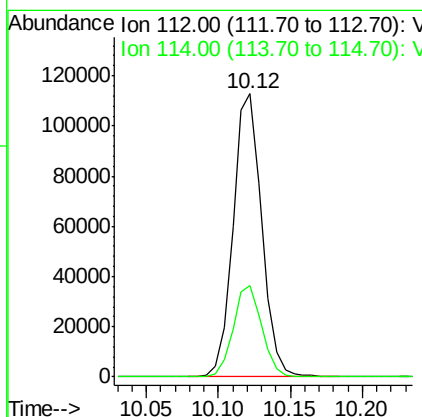
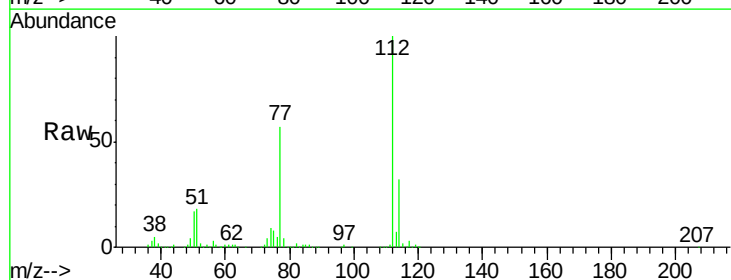
Acq: 19 Nov 2020 18:55

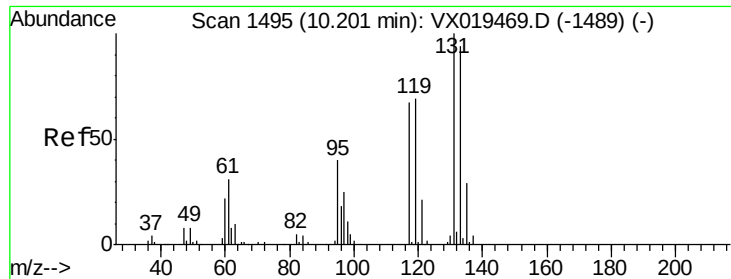
Tgt Ion: 112 Resp: 156552

Ion Ratio Lower Upper

112 100

114 32.1 24.8 37.2





#65

1,1,1,2-Tetrachloroethane

Concen: 18.270 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Instrument :

MSVOA_X

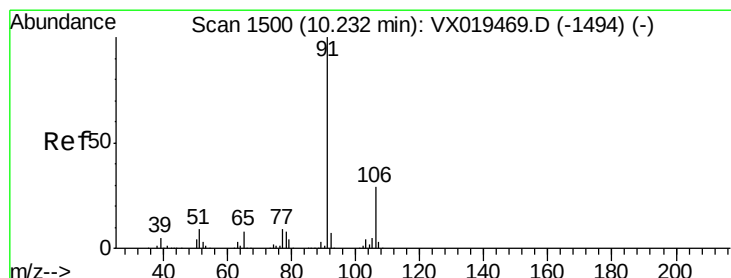
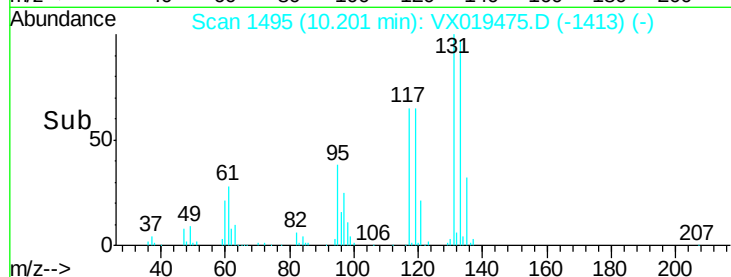
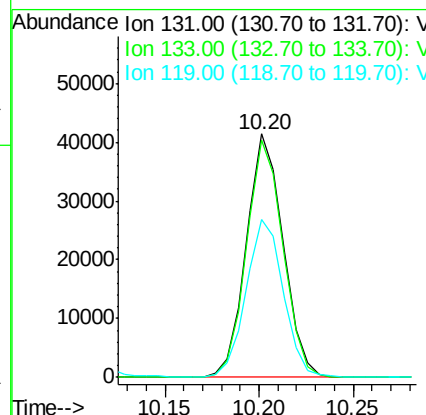
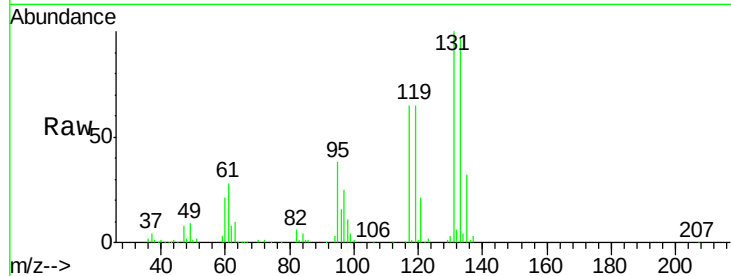
ClientSampleId :

VX1120WBS01

Tot Ion:	131	Resp:	55967
Ion	Ratio	Lower	Upper
131	100		
133	96.7	0.0	189.4
119	65.8	0.0	130.4

Manual Integrations
APPROVED

MMDadoda
11/20/2020 12:25:13 PM



#66

Ethyl Benzene

Concen: 18.459 ug/l

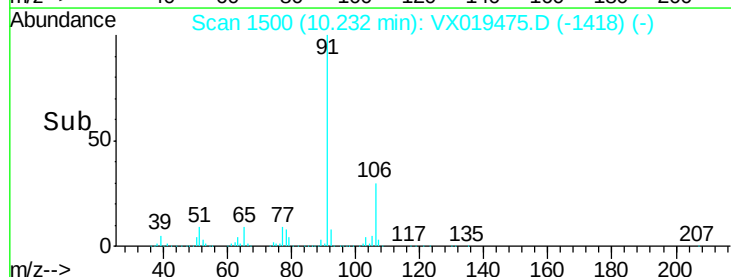
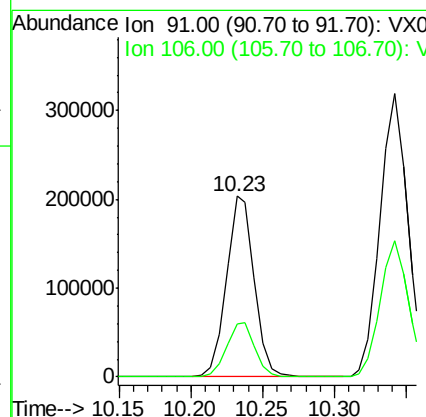
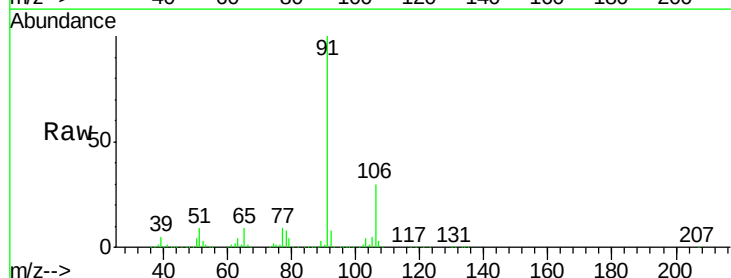
RT: 10.23 min Scan# 1500

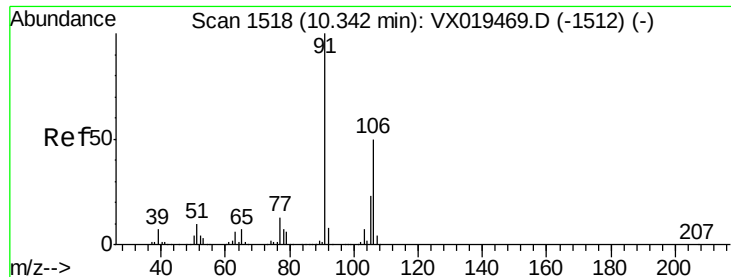
Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Tgt Ion:	91	Resp:	276330
Ion	Ratio	Lower	Upper
91	100		
106	29.6	23.5	35.3





#67

m/p-Xylenes

Concen: 37.082 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBS01

Tot Ion:106 Resp: 207899

Ion Ratio Lower Upper

106 100

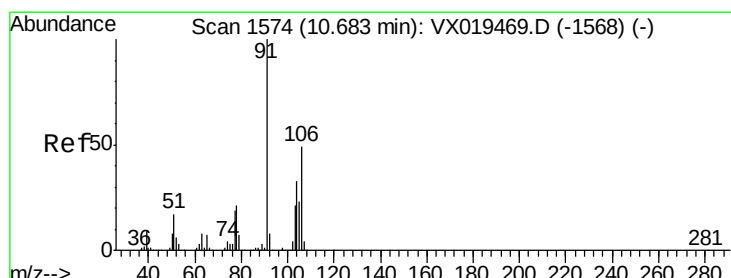
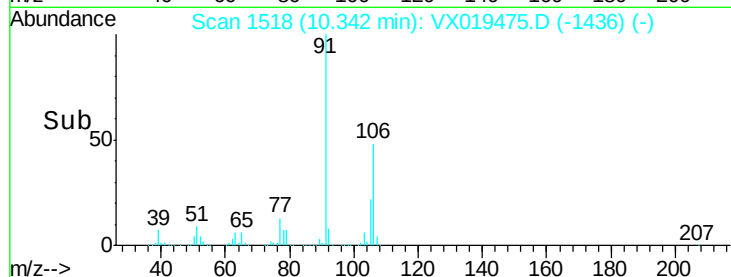
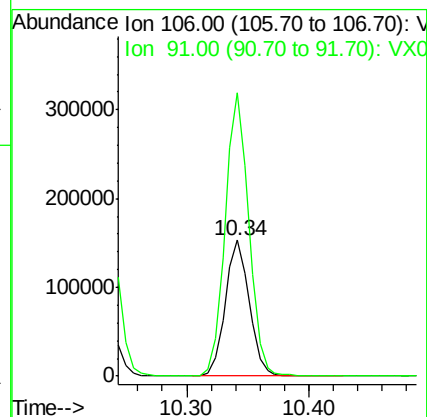
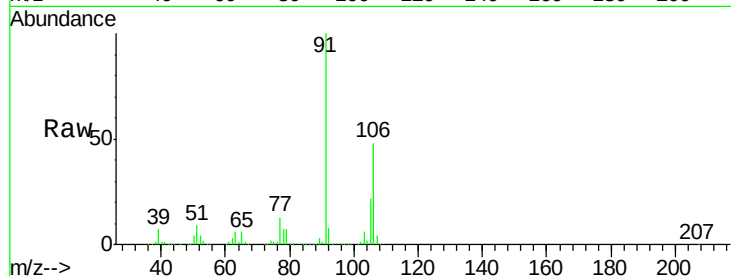
91 205.1 162.7 244.1

Manual Integrations

APPROVED

MMDadoda

11/20/2020 12:25:13 PM



#68

o-Xylene

Concen: 18.721 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX019475.D

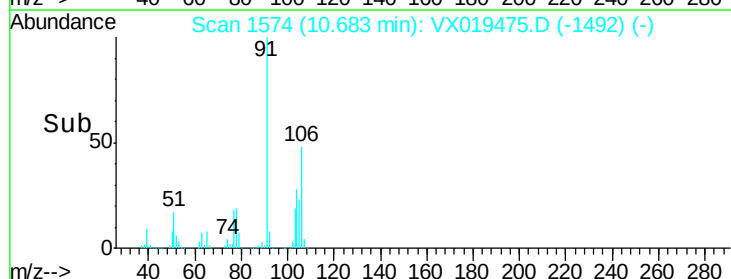
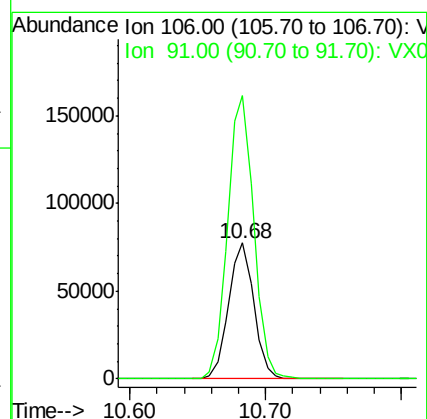
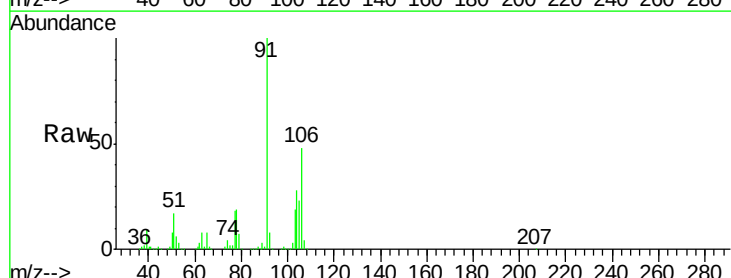
Acq: 19 Nov 2020 18:55

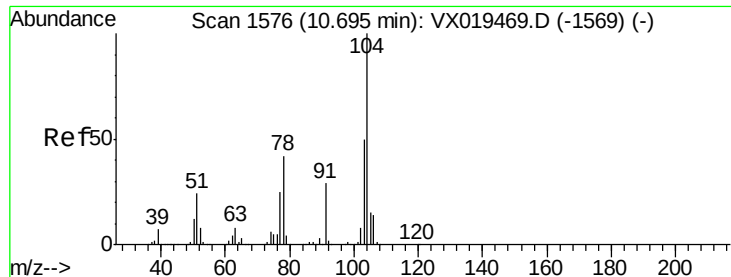
Tgt Ion:106 Resp: 99489

Ion Ratio Lower Upper

106 100

91 215.2 108.3 324.9





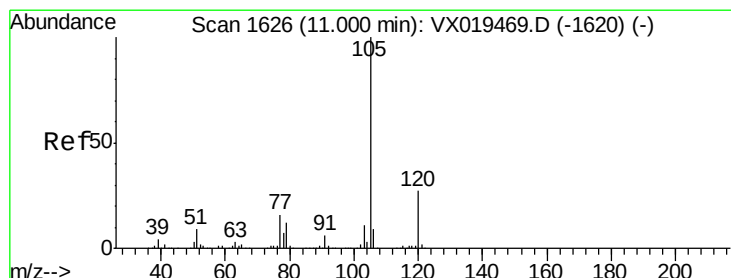
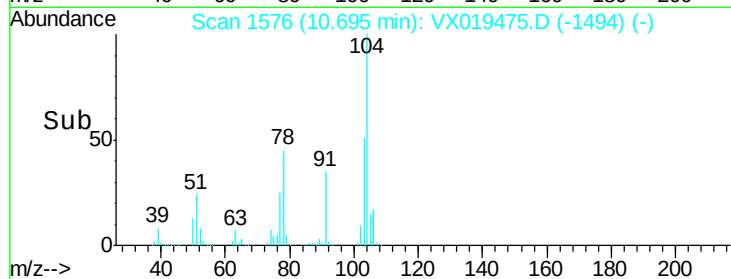
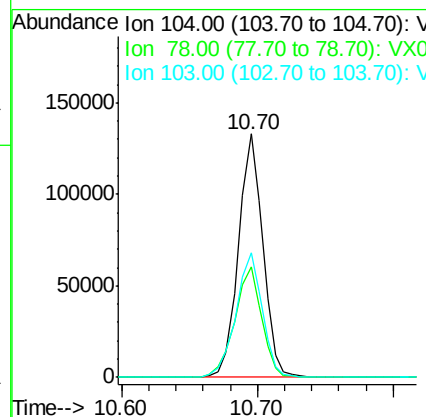
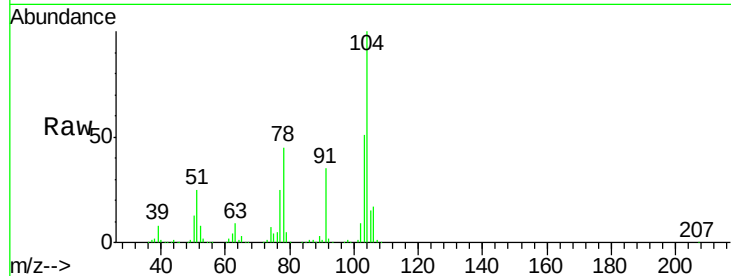
#69
Stvrene
Concen: 18.367 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019475.D
Acq: 19 Nov 2020 18:55

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.1	39.2	58.8
103	55.1	43.8	65.8

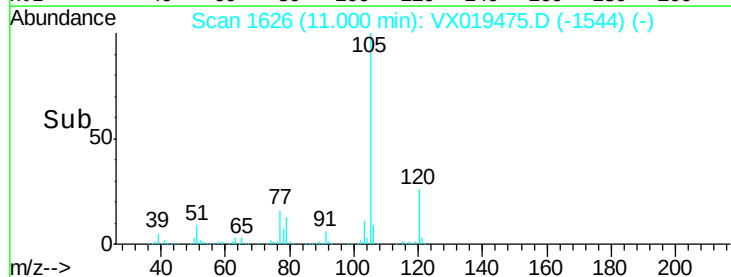
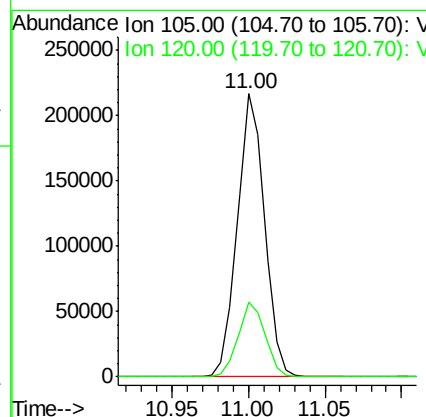
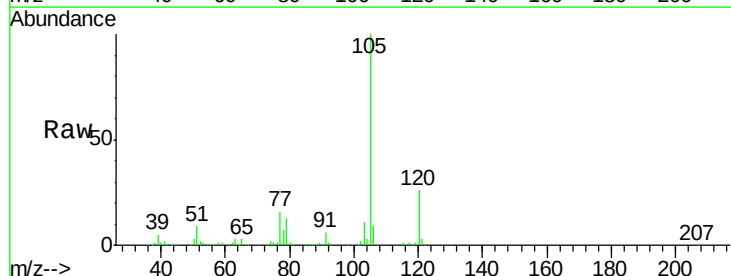
Manual Integrations
APPROVED

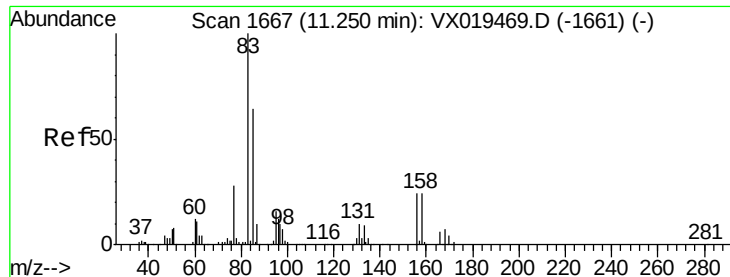
MMDadoda
11/20/2020 12:25:13 PM



#70
Isopropylbenzene
Concen: 18.627 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX019475.D
Acq: 19 Nov 2020 18:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.1	18.5	34.3





#71

1,1,2,2-Tetrachloroethane

Concen: 18.539 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Instrument :

MSVOA_X

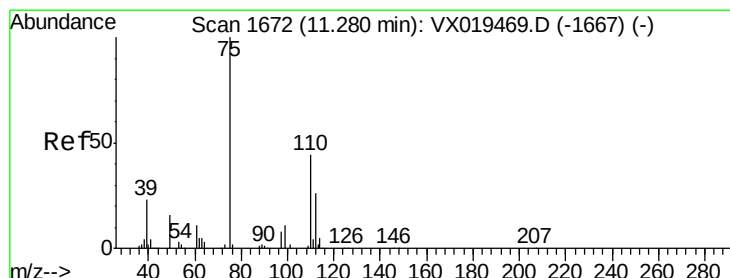
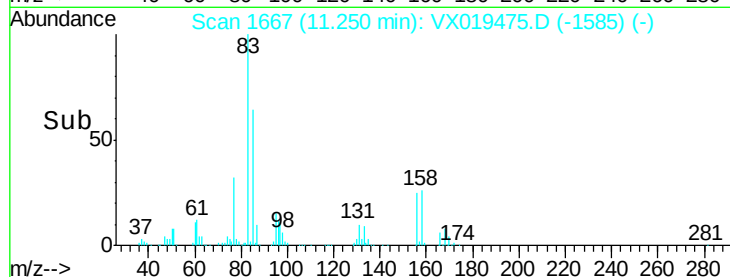
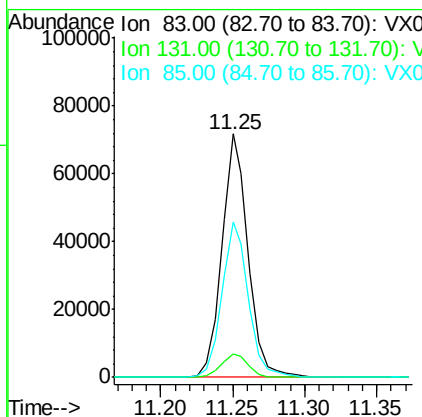
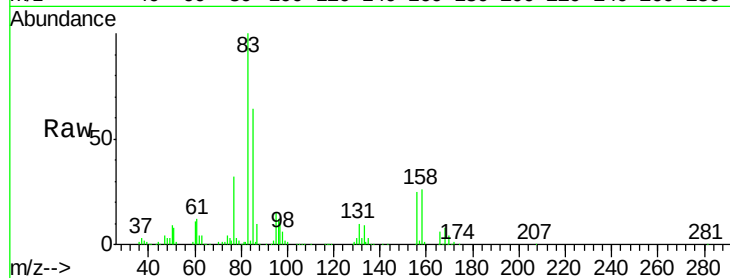
ClientSampleId :

VX1120WBS01

Tot Ion:	83	Resp:	91179
Ion Ratio	Lower	Upper	
83	100		
131	10.0	4.9	14.7
85	64.7	31.6	94.8

Manual Integrations
APPROVED

MMDadoda
11/20/2020 12:25:13 PM



#72

1,2,3-Trichloropropane

Concen: 19.128 ug/l m

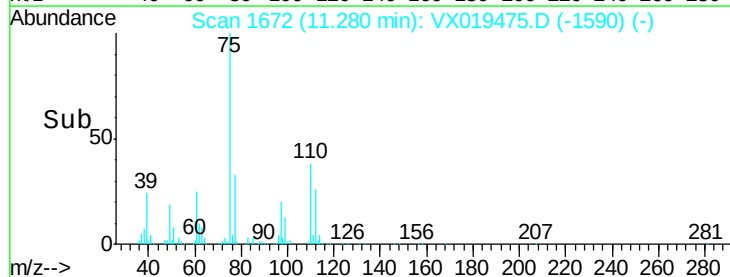
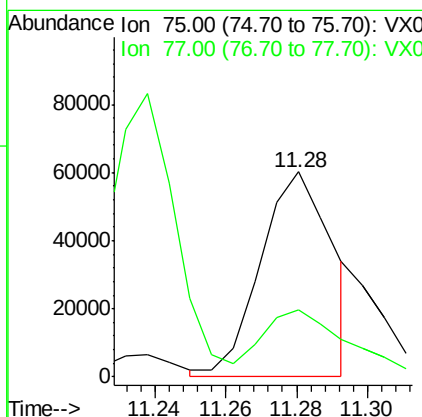
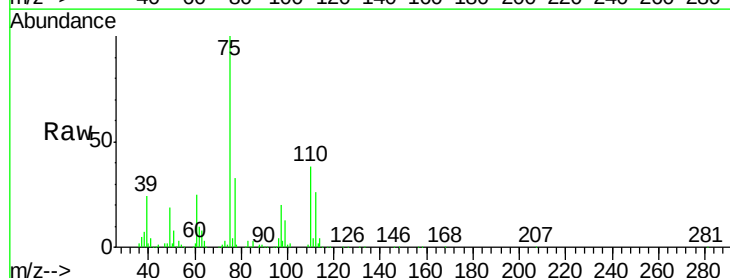
RT: 11.28 min Scan# 1672

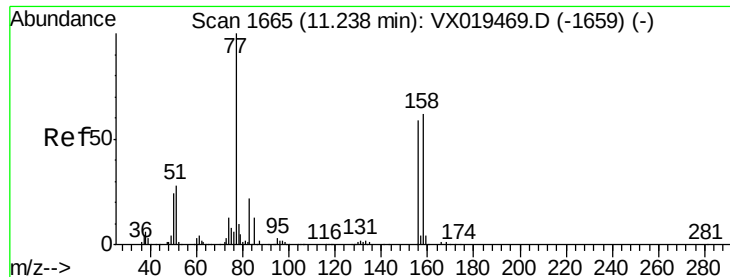
Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Tgt Ion:	75	Resp:	84573
Ion Ratio	Lower	Upper	
75	100		
77	39.0	0.0	78.4





#73

Bromobenzene

Concen: 18.591 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Instrument :

MSVOA_X

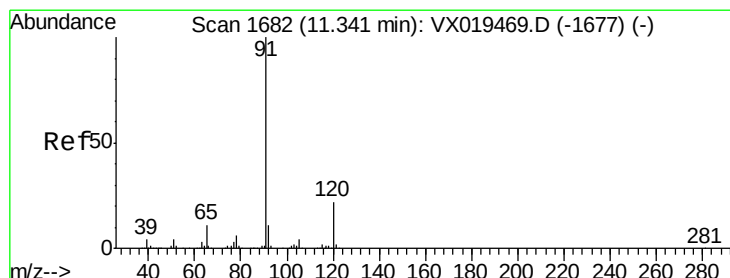
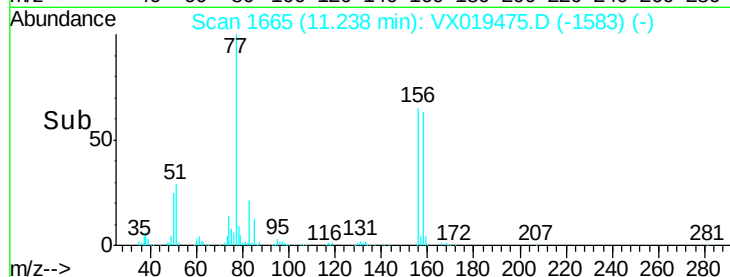
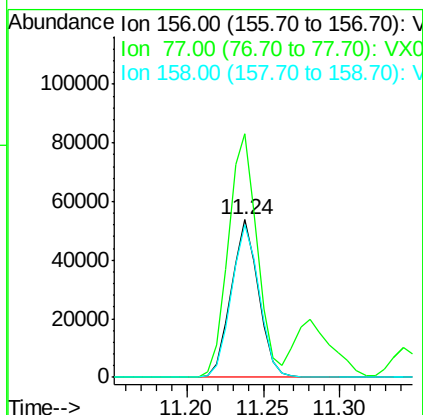
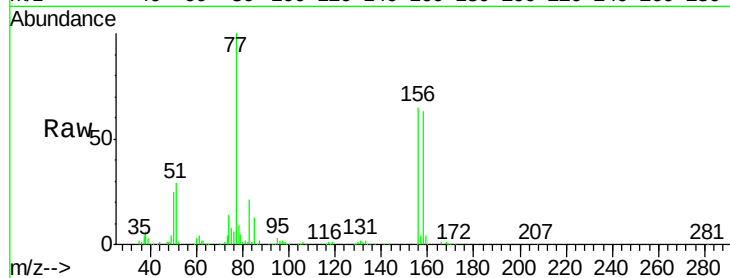
ClientSampleId :

VX1120WBS01

Tot Ion:	156	Resp:	66800
Ion Ratio	Lower	Upper	
156	100		
77	162.4	0.0	329.0
158	98.6	0.0	197.0

Manual Integrations
APPROVED

MMDadoda
11/20/2020 12:25:13 PM



#74

n-propylbenzene

Concen: 18.618 ug/l

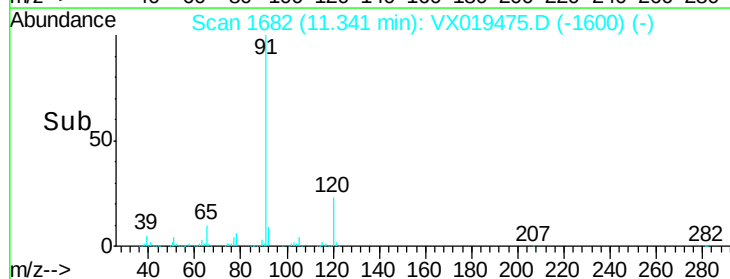
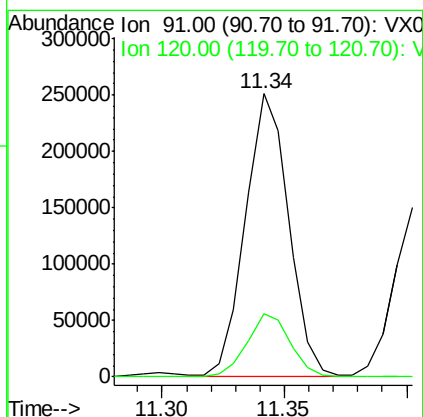
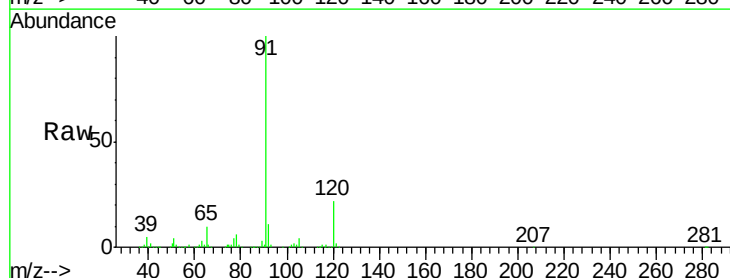
RT: 11.34 min Scan# 1682

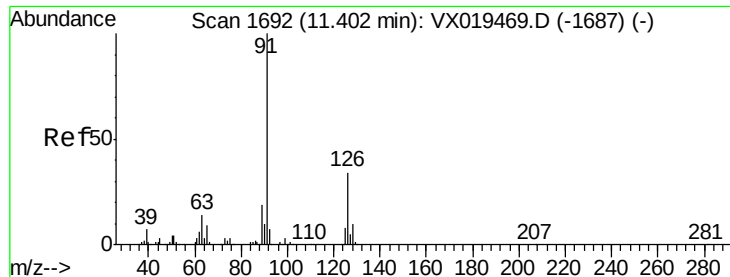
Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Tgt Ion:	91	Resp:	311867
Ion Ratio	Lower	Upper	
91	100		
120	22.3	0.0	45.6





#75

2-Chlorotoluene

Concen: 18.789 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBS01

Tot Ion: 91 Resp: 188717

Ion Ratio Lower Upper

91 100

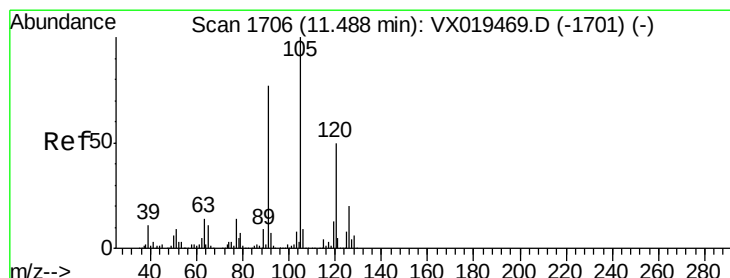
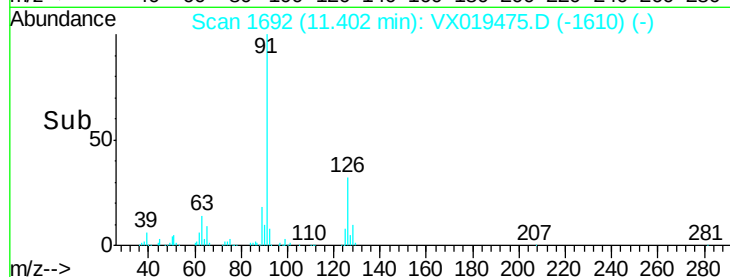
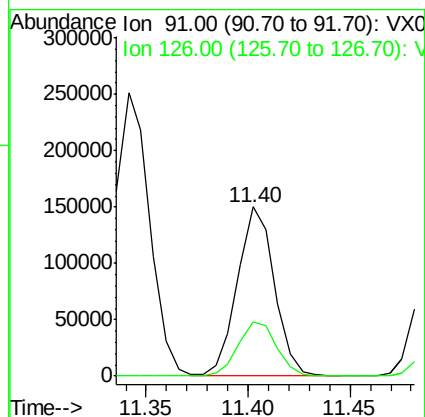
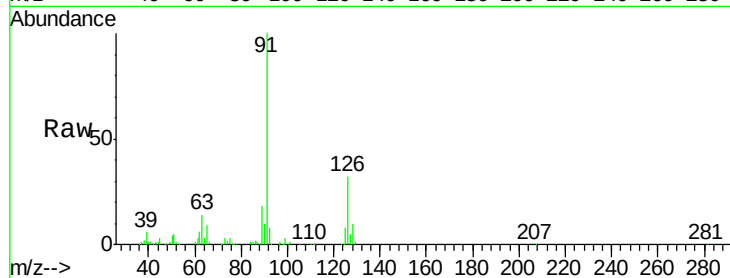
126 33.1 0.0 66.4

Manual Integrations

APPROVED

MMDadoda

11/20/2020 12:25:13 PM



#76

1,3,5-Trimethylbenzene

Concen: 18.653 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019475.D

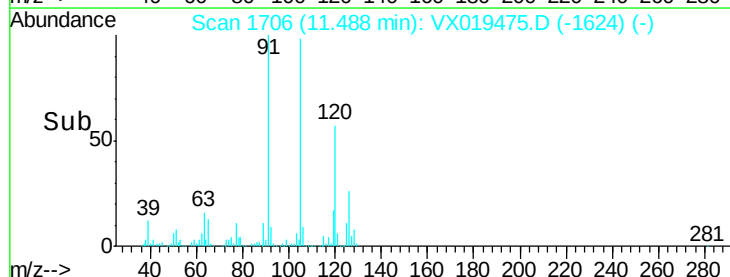
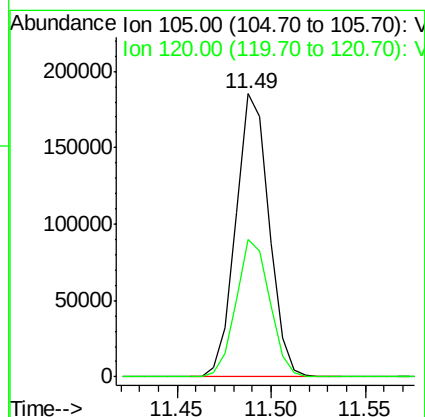
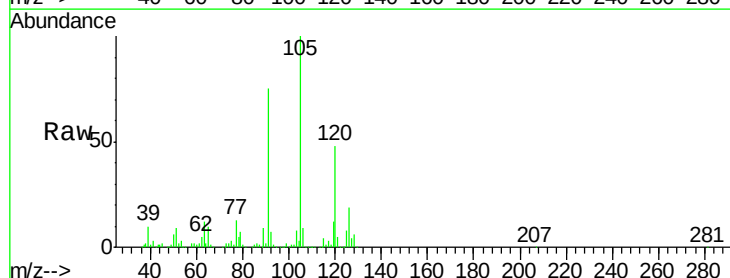
Acq: 19 Nov 2020 18:55

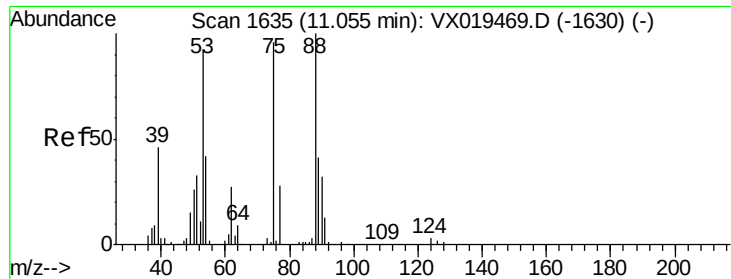
Tgt Ion: 105 Resp: 227694

Ion Ratio Lower Upper

105 100

120 48.9 0.0 99.4





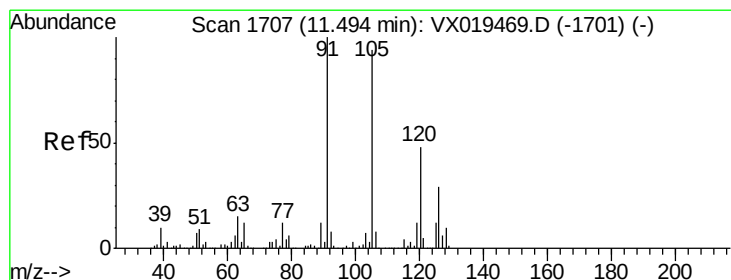
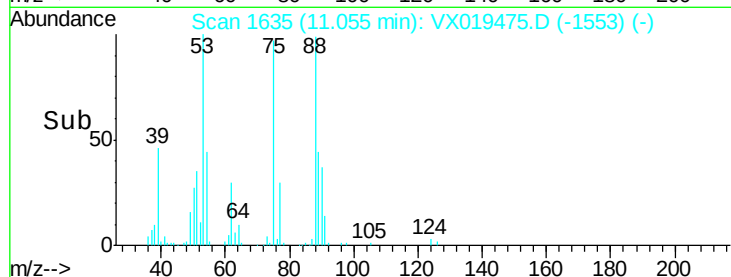
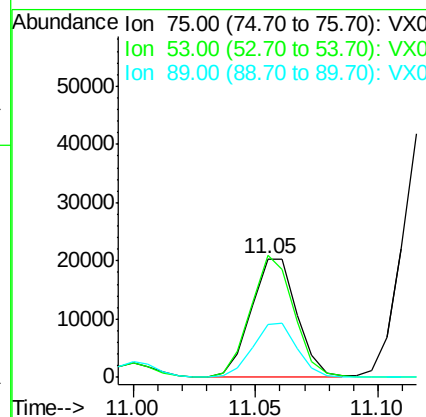
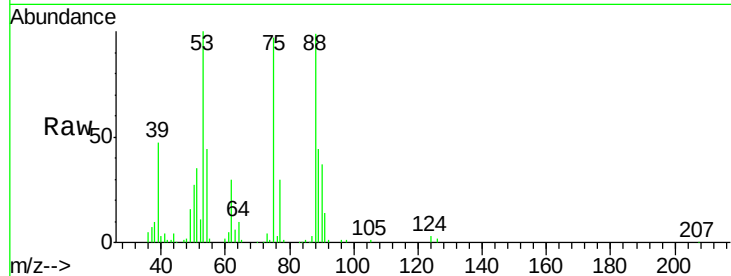
#77
t-1,4-Dichloro-2-butene
Concen: 17.616 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX019475.D
Acq: 19 Nov 2020 18:55

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

Tot Ion	Ratio	Resp	Lower	Upper
75	100			
53	102.9	47.9	143.6	
89	44.9	21.4	64.2	

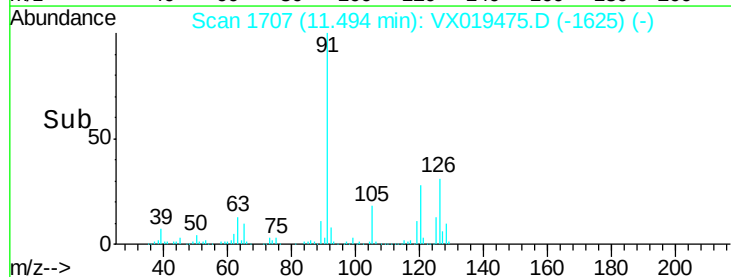
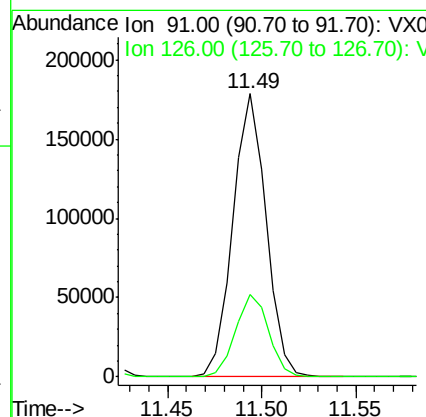
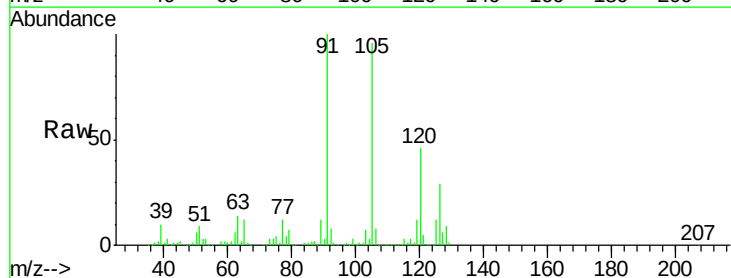
Manual Integrations
APPROVED

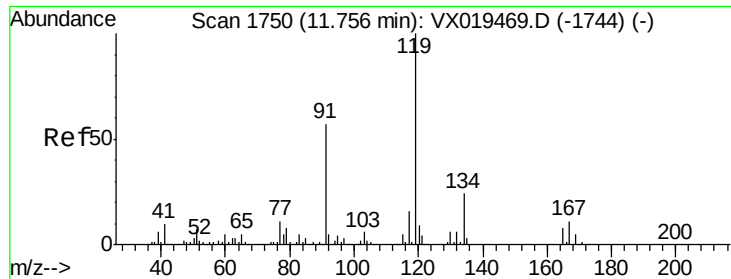
MMDadoda
11/20/2020 12:25:13 PM



#78
4-Chlorotoluene
Concen: 18.557 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019475.D
Acq: 19 Nov 2020 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
91	100			
126	29.4	0.0	58.6	





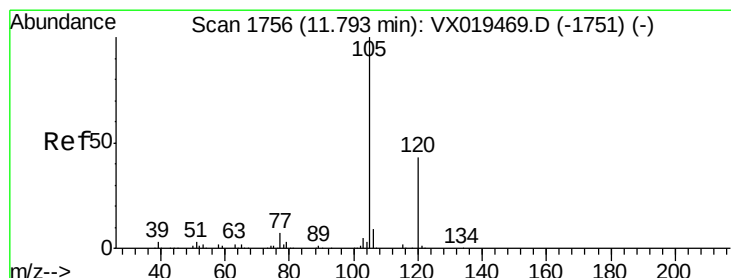
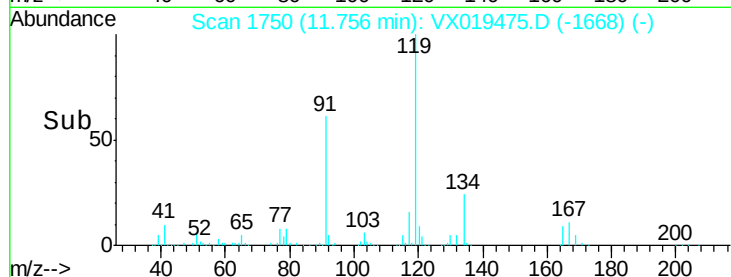
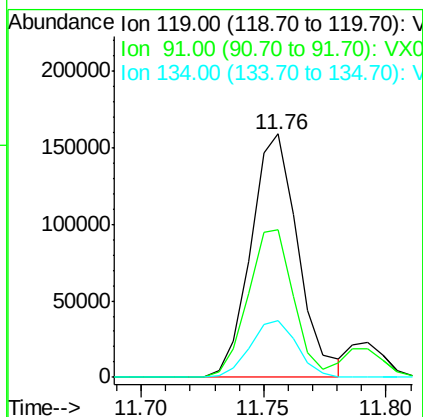
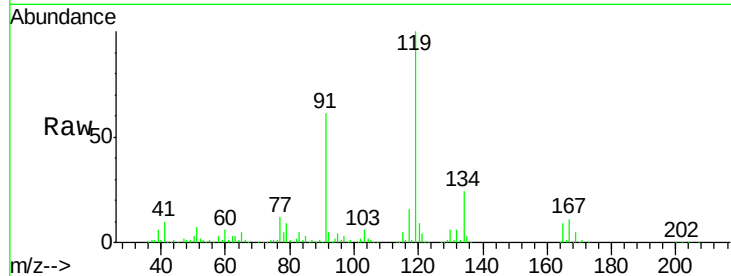
#79
tert-butylbenzene
Concen: 18.325 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019475.D
Acq: 19 Nov 2020 18:55

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	214561		
91	58.3		0.0	117.0
134	23.2		0.0	47.2

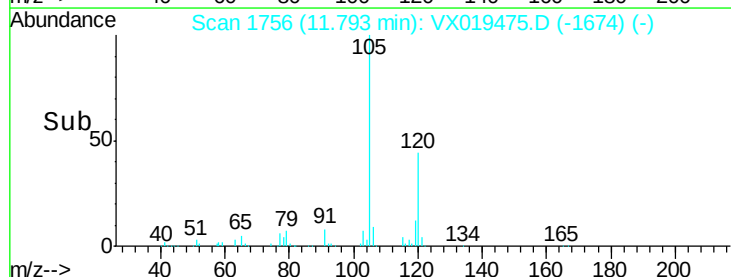
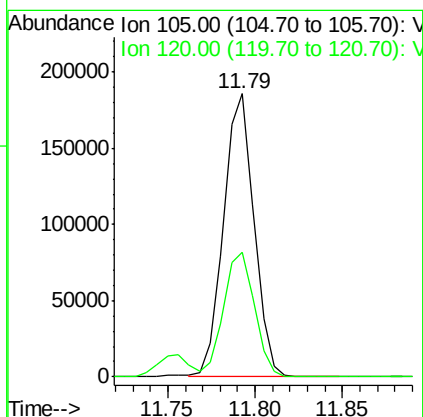
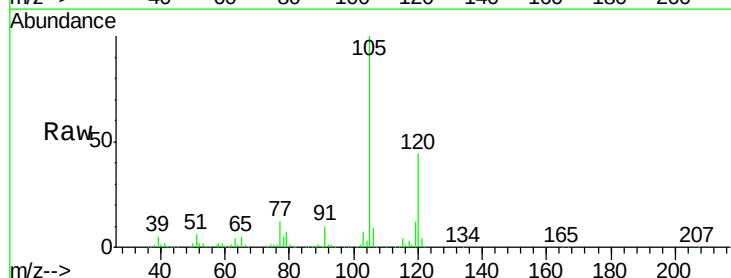
Manual Integrations
APPROVED

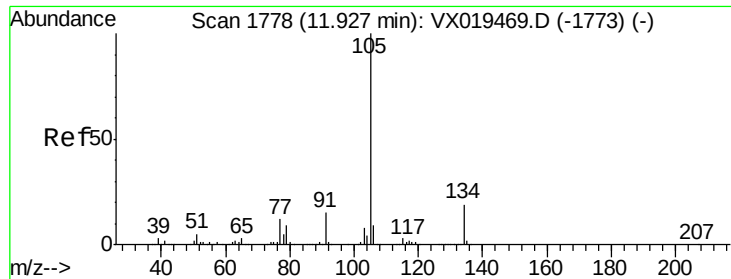
MMDadoda
11/20/2020 12:25:13 PM



#80
1,2,4-Trimethylbenzene
Concen: 18.413 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019475.D
Acq: 19 Nov 2020 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	225880		
120	44.8		0.0	91.2





#81

sec-Butylbenzene

Concen: 18.497 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Instrument :

MSVOA_X

ClientSampleId :

VX1120WBS01

Tot Ion:105 Resp: 259969

Ion Ratio Lower Upper

105 100

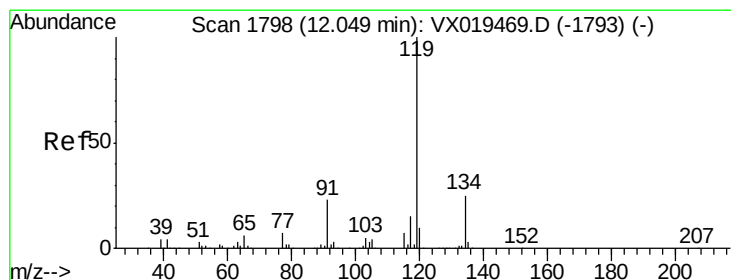
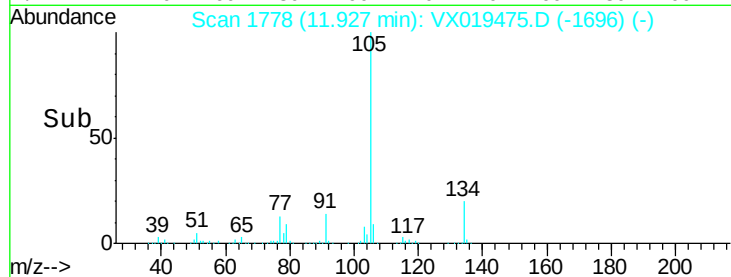
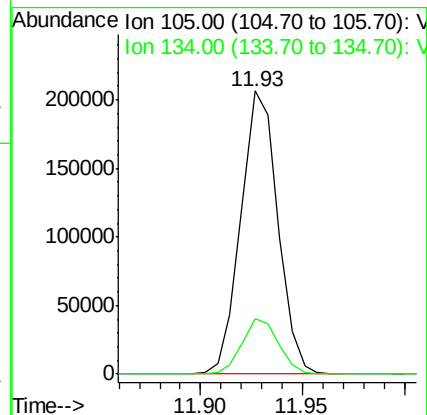
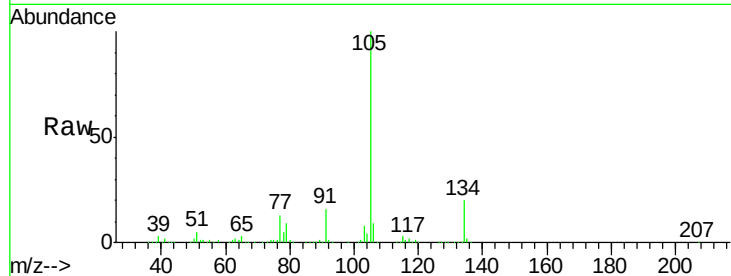
134 19.4 0.0 39.2

Manual Integrations

APPROVED

MMDadoda

11/20/2020 12:25:13 PM



#82

p-Isopropyltoluene

Concen: 18.107 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

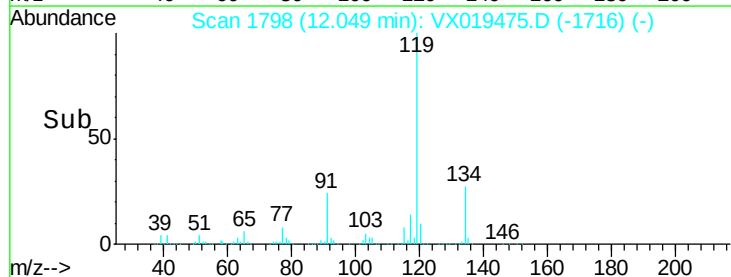
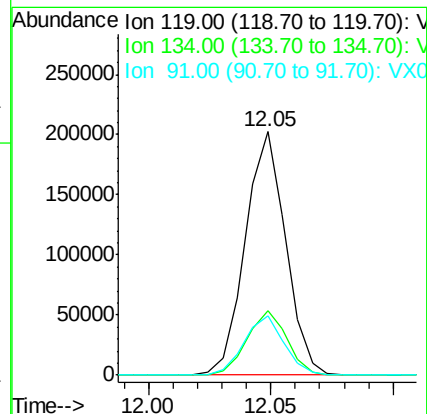
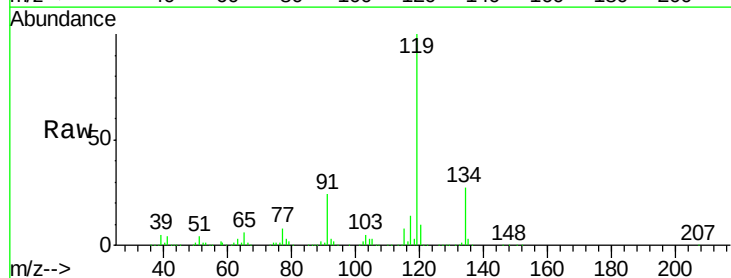
Tgt Ion:119 Resp: 231435

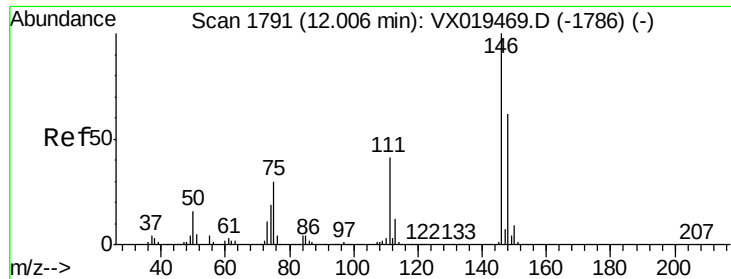
Ion Ratio Lower Upper

119 100

134 26.2 0.0 51.8

91 24.1 0.0 47.6





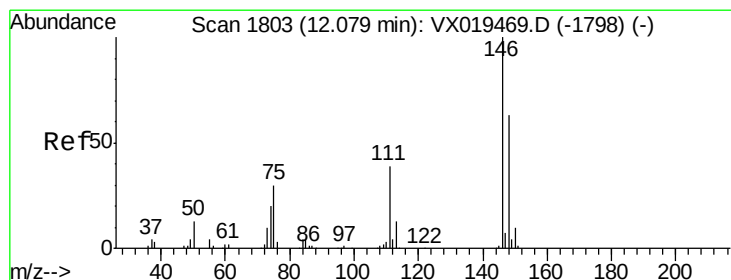
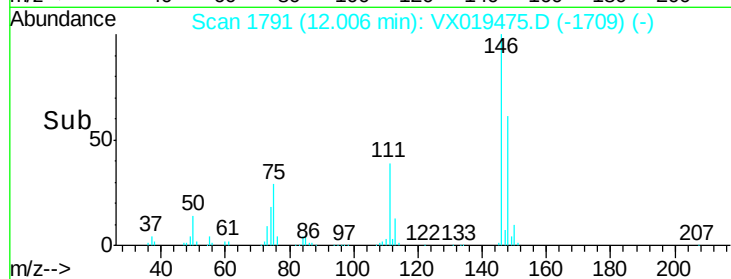
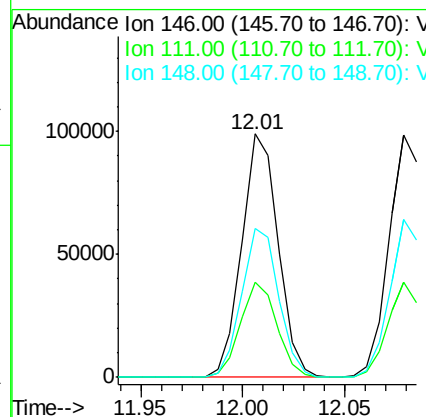
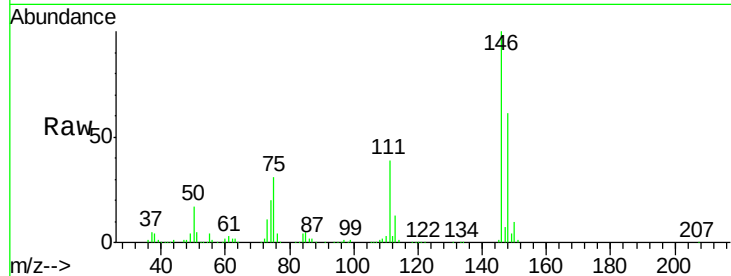
#83
 1,3-Dichlorobenzene
 Concen: 18.476 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019475.D
 Acq: 19 Nov 2020 18:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	20.0	60.0
148	62.7	31.4	94.0

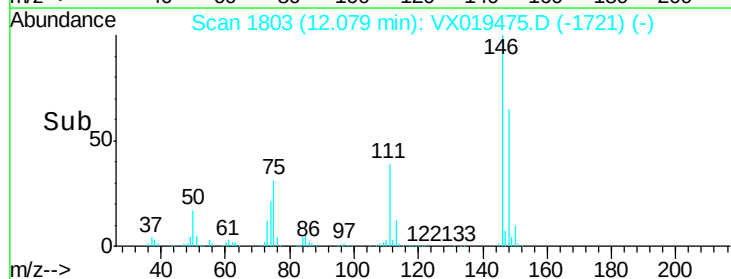
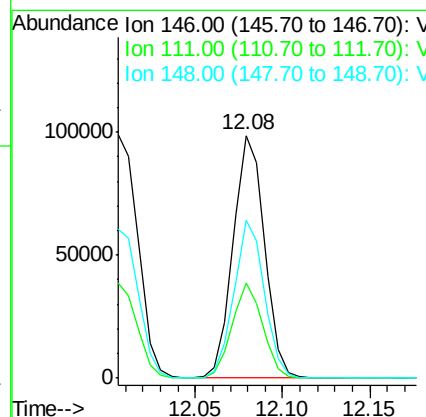
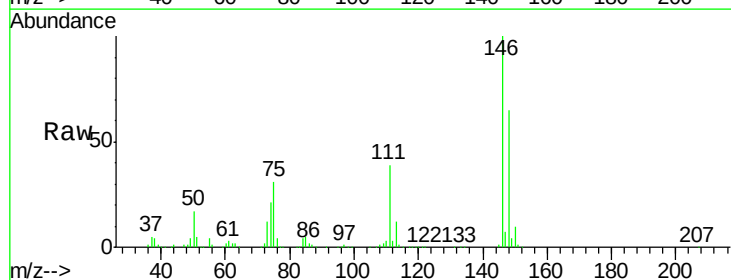
Manual Integrations
 APPROVED

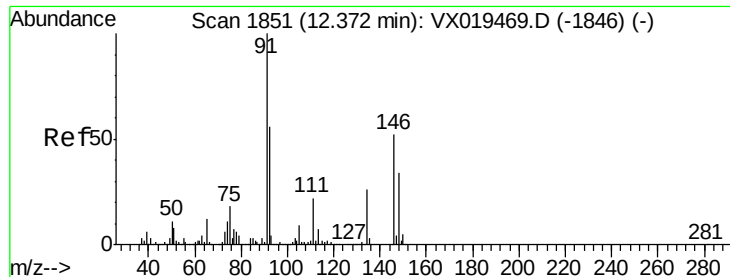
MMDadoda
 11/20/2020 12:25:13 PM



#84
 1,4-Dichlorobenzene
 Concen: 18.395 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019475.D
 Acq: 19 Nov 2020 18:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.3	57.9
148	63.2	31.4	94.2





#85

n-Butylbenzene

Concen: 17.603 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Instrument :

MSVOA_X

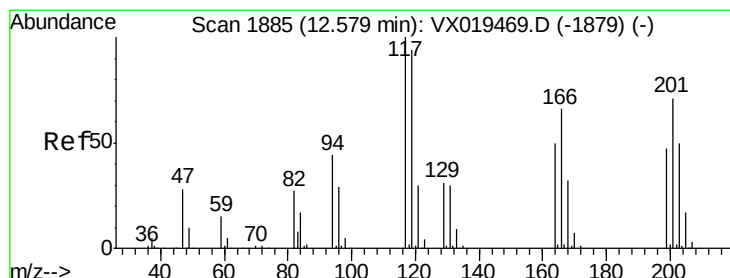
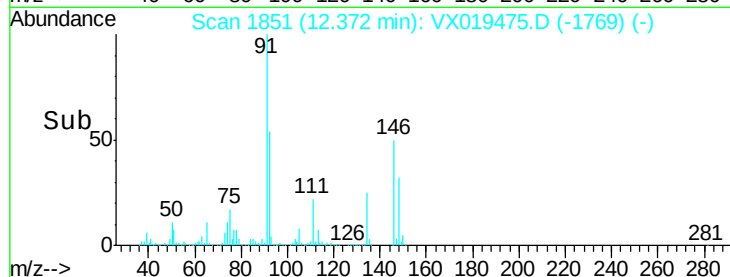
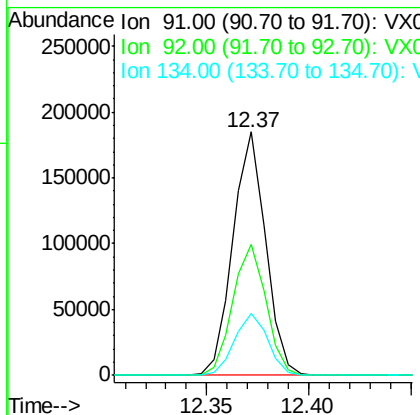
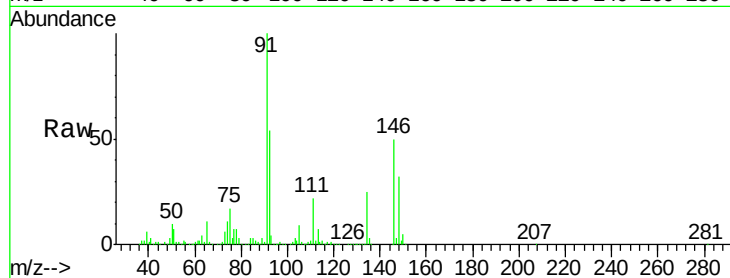
ClientSampleId :

VX1120WBS01

Tot Ion:	91	Resp:	205304
Ion	Ratio	Lower	Upper
91	100		
92	54.5	0.0	111.2
134	25.8	0.0	51.2

Manual Integrations
APPROVED

MMDadoda
11/20/2020 12:25:13 PM



#86

Hexachloroethane

Concen: 16.978 ug/l

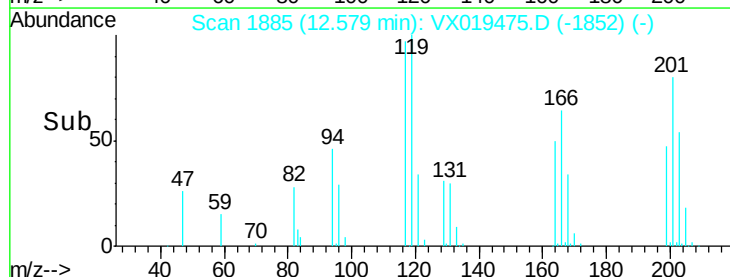
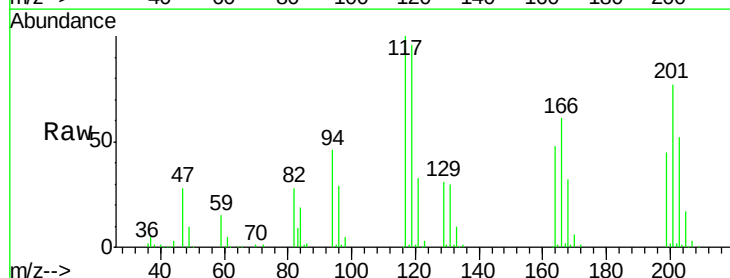
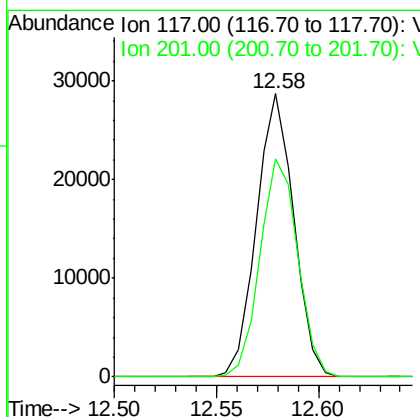
RT: 12.58 min Scan# 1885

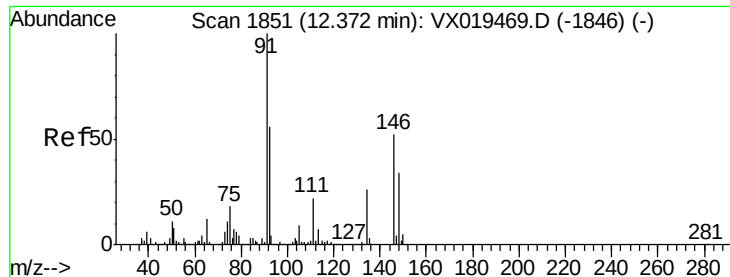
Delta R.T. -0.00 min

Lab File: VX019475.D

Acq: 19 Nov 2020 18:55

Tgt Ion:	117	Resp:	36524
Ion	Ratio	Lower	Upper
117	100		
201	78.0	38.4	115.1





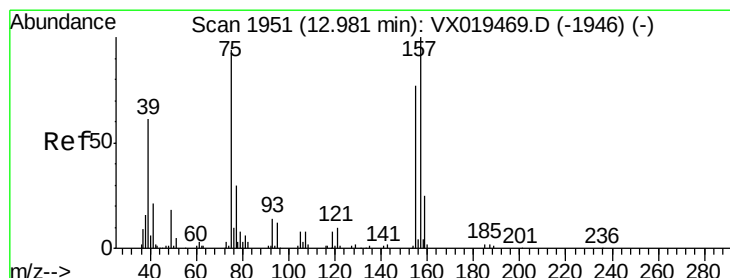
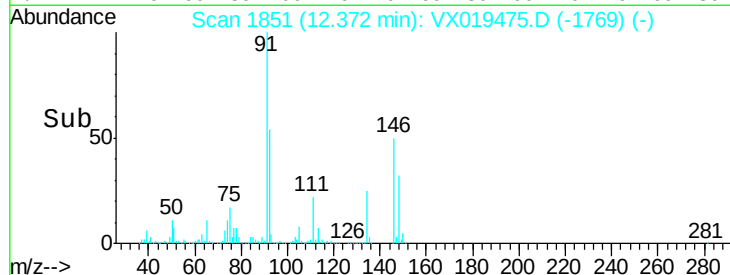
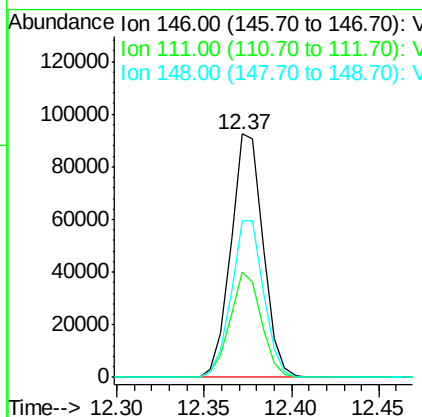
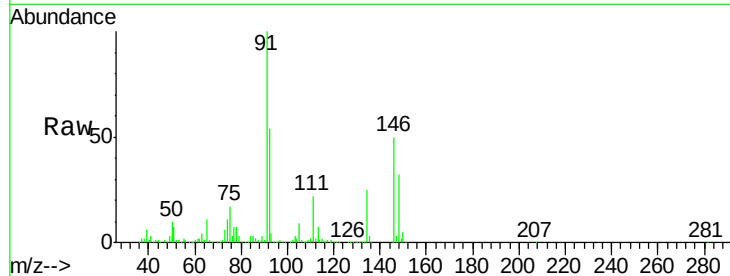
#87
 1,2-Dichlorobenzene
 Concen: 17.998 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019475.D
 Acq: 19 Nov 2020 18:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1120WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	117949		
111	42.0	20.5	61.6	
148	64.9	31.5	94.5	

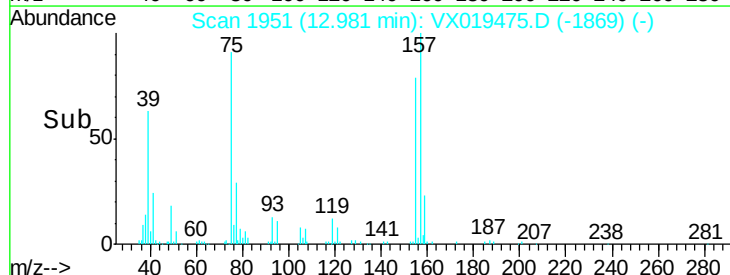
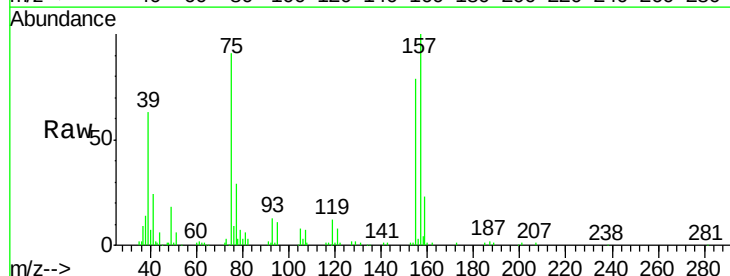
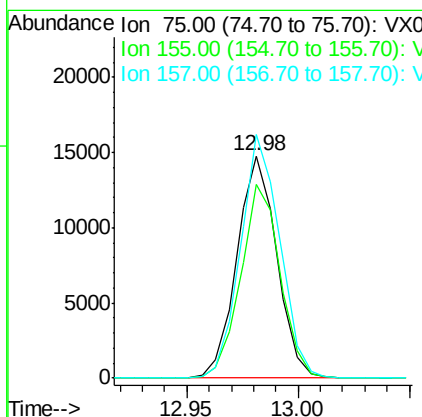
Manual Integrations
 APPROVED

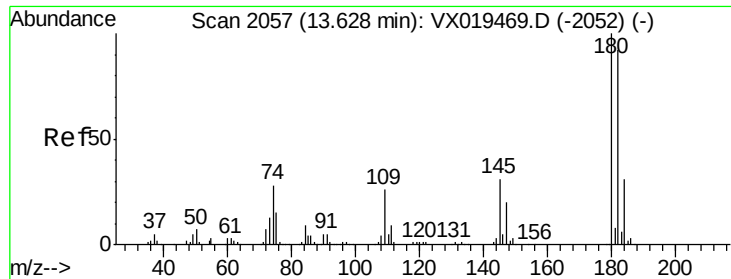
MMDadoda
 11/20/2020 12:25:13 PM



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.850 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019475.D
 Acq: 19 Nov 2020 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	18453		
155	86.3	68.6	103.0	
157	108.0	90.0	135.0	





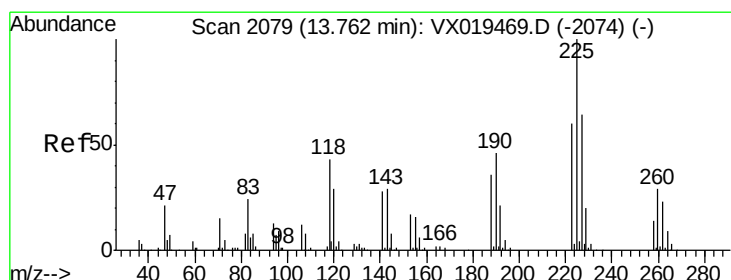
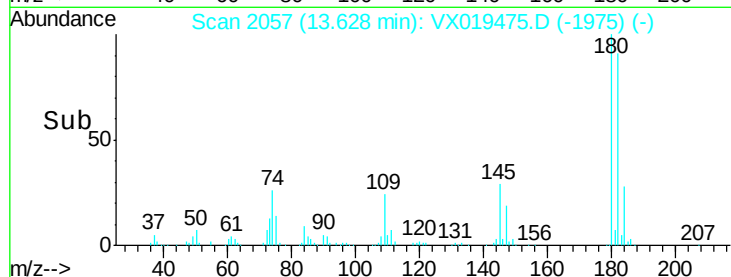
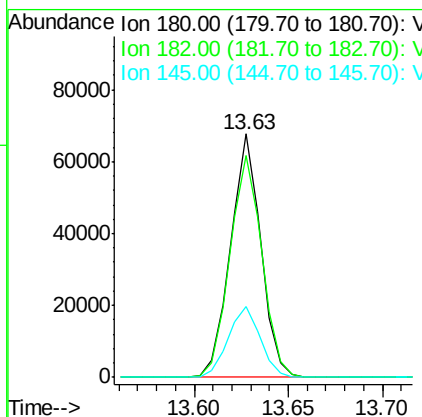
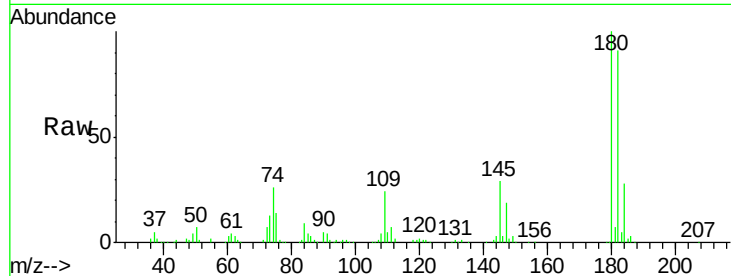
#89
1,2,4-Trichlorobenzene
Concen: 17.259 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX019475.D
Acq: 19 Nov 2020 18:55

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.1	114.1
145	30.6	24.7	37.1

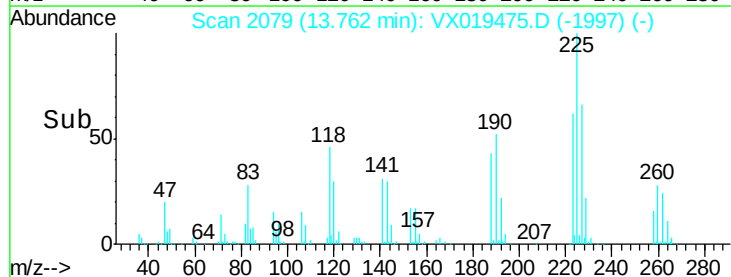
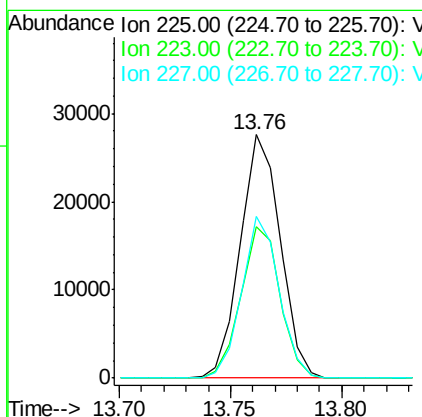
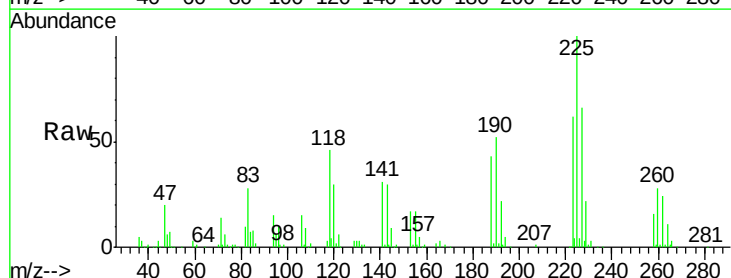
Manual Integrations
APPROVED

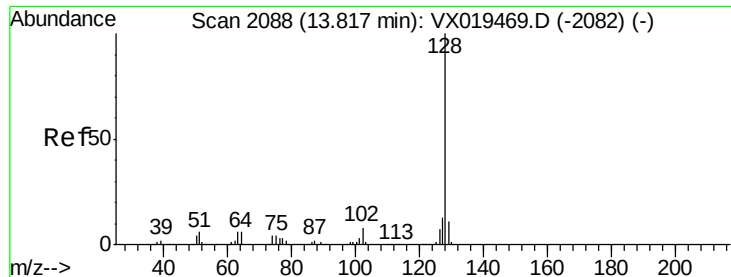
MMDadoda
11/20/2020 12:25:13 PM



#90
Hexachlorobutadiene
Concen: 17.654 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.00 min
Lab File: VX019475.D
Acq: 19 Nov 2020 18:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	0.0	119.2
227	61.8	0.0	126.4





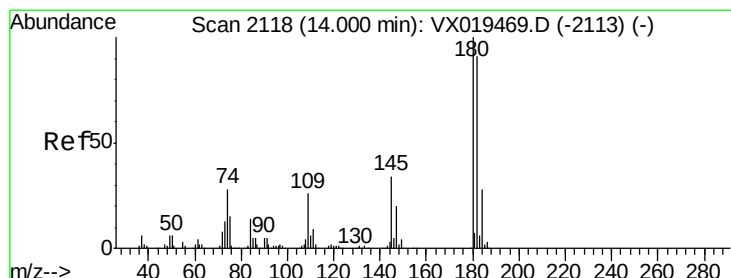
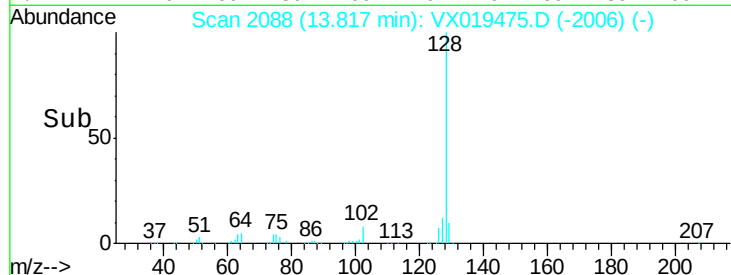
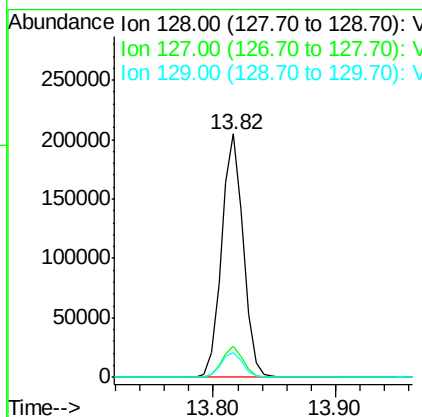
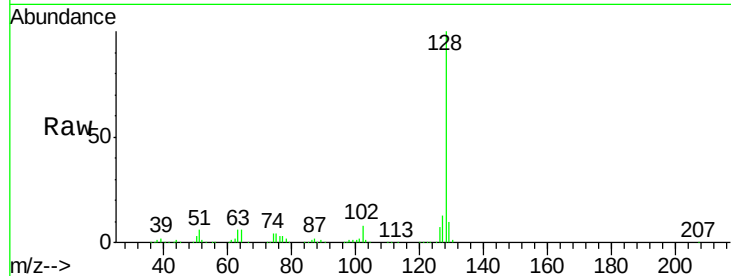
#91
Naphthalene
Concen: 17.946 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019475.D
Acq: 19 Nov 2020 18:55

Instrument :
MSVOA_X
ClientSampleId :
VX1120WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.1	15.1
129	10.5	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
11/20/2020 12:25:13 PM



#92
1,2,3-Trichlorobenzene
Concen: 17.745 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019475.D
Acq: 19 Nov 2020 18:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	0.0	192.2
145	32.2	0.0	63.6

