

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091820\
 Data File : VX018480.D
 Acq On : 18 Sep 2020 09:53
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

MMDadoda
 9/21/2020 11:50:39 AM

Quant Time: Sep 21 01:14:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 12:13:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	78731	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.82	114	409390	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	384962	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	187738	30.22	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.73%
60) 4-Bromofluorobenzene	11.12	95	198812	29.80	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.33%
63) Toluene-d8	8.70	98	519607	30.62	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.07%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	77062	18.498 ug/l	93
3) Chloromethane	1.31	50	82441	18.630 ug/l	94
4) Vinyl Chloride	1.39	62	83322	17.881 ug/l	100
5) Bromomethane	1.64	94	63525	20.037 ug/l	99
6) Chloroethane	1.72	64	52555	18.557 ug/l	93
7) Trichlorofluoromethane	1.92	101	149691	18.956 ug/l	97
8) Diethyl Ether	2.17	74	45982	18.470 ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	78950	19.568 ug/l	99
10) 1,1-Dichloroethene	2.36	96	74953	18.925 ug/l	99
11) Methyl Iodide	2.49	142	63091	18.074 ug/l	98
12) Methyl Acetate	2.75	43	95931	18.401 ug/l	95
13) Acrolein	2.27	56	38371	91.198 ug/l	99
14) Acrylonitrile	3.11	53	208291	88.174 ug/l	99
15) Acetone	2.42	58	66694	103.841 ug/l	90
16) Carbon Disulfide	2.55	76	212404	18.419 ug/l	99
17) Allyl chloride	2.71	41	130153	18.386 ug/l	99
18) Methylene Chloride	2.83	84	84661	18.213 ug/l	89
19) trans-1,2-Dichloroethene	3.14	96	83956	19.093 ug/l	96
20) Diisopropyl ether	3.82	45	265319	18.932 ug/l #	85
21) 1,1-Dichloroethane	3.67	63	151057	18.779 ug/l	98
22) cis-1,2-Dichloroethene	4.56	96	89659	18.428 ug/l	94
23) tert-Butyl Alcohol	3.01	59	91417	89.303 ug/l #	99
24) Methyl tert-Butyl Ether	3.17	73	257937	18.319 ug/l	100
25) Chloroform	5.18	83	159771	18.611 ug/l	97
26) Cyclohexane	5.54	56	121764	18.754 ug/l #	50
29) 1,1-Dichloropropene	5.76	75	117159	18.748 ug/l	100
30) 2-Butanone	4.63	43	314276	91.847 ug/l	99
31) 2,2-Dichloropropane	4.55	77	148150	19.627 ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	153593	18.777 ug/l	99
33) Carbon Tetrachloride	5.75	117	141180	18.523 ug/l	97
34) Benzene	6.11	78	328906	18.438 ug/l	97
35) Methacrylonitrile	5.01	41	61916	17.170 ug/l	90
36) 1,2-Dichloroethane	6.16	62	137801	18.666 ug/l #	100
37) Trichloroethene	7.19	130	94924	18.402 ug/l	97
38) Methylcyclohexane	7.44	83	119790	17.996 ug/l	98
39) 1,2-Dichloropropane	7.49	63	83871	17.554 ug/l	98
40) Dibromomethane	7.63	93	61232	17.747 ug/l	98

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Manual Integrations
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MMDadoda
 9/21/2020 11:50:39 AM

Quant Time: Sep 21 01:14:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 12:13:41 2020
 Response via : Initial Calibration

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

41) Bromodichloromethane	7.87	83	130409	18.237	ug/l	92
42) Vinyl Acetate	3.78	43	1149642	90.055	ug/l	100
43) Ethyl Acetate	4.79	43	114522	16.832	ug/l	96
44) Isopropyl Acetate	6.41	43	191860	17.497	ug/l	99
45) 1,4-Dioxane	7.71	88	35614	388.779	ug/l #	90
46) Methyl methacrylate	7.74	41	92187	17.082	ug/l	90
47) n-amyl Acetate	10.88	43	157468	16.343	ug/l	98
48) t-1,3-Dichloropropene	9.02	75	141796	18.460	ug/l	99
49) cis-1,3-Dichloropropene	8.41	75	148359	18.386	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	86585	18.010	ug/l	98
51) Ethyl methacrylate	9.16	69	120564	17.311	ug/l	97
52) 1,3-Dichloropropane	9.35	76	141399	17.720	ug/l	98
53) Dibromochloromethane	9.57	129	102380	17.127	ug/l	97
54) 1,2-Dibromoethane	9.65	107	93575	17.742	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	337472	92.794	ug/l	99
56) Bromoform	10.84	173	74590	16.423	ug/l	98
58) 4-Methyl-2-Pentanone	8.62	43	588662	88.905	ug/l	99
59) 2-Hexanone	9.47	43	455427	90.809	ug/l	99
61) Tetrachloroethene	9.32	164	97608	20.330	ug/l	89
62) Toluene	8.76	91	362424	18.707	ug/l	98
64) Chlorobenzene	10.12	112	232015	18.636	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.20	131	91204	18.088	ug/l	97
66) Ethyl Benzene	10.23	91	386730	18.065	ug/l	99
67) m/p-Xylenes	10.34	106	304109	37.147	ug/l	99
68) o-Xylene	10.68	106	145001	18.745	ug/l	97
69) Styrene	10.70	104	249764	18.507	ug/l	99
70) Isopropylbenzene	11.00	105	398522	18.526	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	126159	17.946	ug/l	96
72) 1,2,3-Trichloropropane	11.28	75	120361m	17.820	ug/l	
73) Bromobenzene	11.24	156	106842	18.129	ug/l	100
74) n-propylbenzene	11.34	91	469270	18.526	ug/l	100
75) 2-Chlorotoluene	11.40	91	279903	18.232	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	342467	18.274	ug/l	98
77) t-1,4-Dichloro-2-butene	11.05	75	43939	16.741	ug/l	97
78) 4-Chlorotoluene	11.49	91	337883	18.450	ug/l	97
79) tert-butylbenzene	11.76	119	324042	17.950	ug/l	96
80) 1,2,4-Trimethylbenzene	11.79	105	349468	18.855	ug/l	99
81) sec-Butylbenzene	11.93	105	386804	18.344	ug/l	99
82) p-Isopropyltoluene	12.05	119	365728	18.602	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	195761	18.578	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	194772	18.486	ug/l	99
85) n-Butylbenzene	12.37	91	323845	18.709	ug/l	98
86) Hexachloroethane	12.58	117	70008	18.086	ug/l	99
87) 1,2-Dichlorobenzene	12.38	146	185632	18.813	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.98	75	30197	16.791	ug/l	95
89) 1,2,4-Trichlorobenzene	13.63	180	125059	18.734	ug/l	98
90) Hexachlorobutadiene	13.76	225	54733	19.384	ug/l	92
91) Naphthalene	13.82	128	362822	17.415	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	117654	17.815	ug/l	97

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

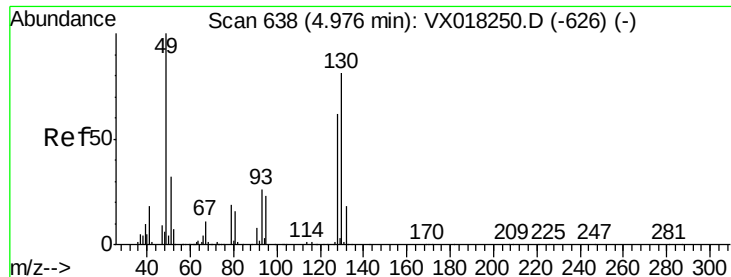
Manual Integrations
APPROVED

MMDadoda
9/21/2020 11:50:39 AM

Quant Time: Sep 21 01:14:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
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QLast Update : Fri Sep 04 12:13:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

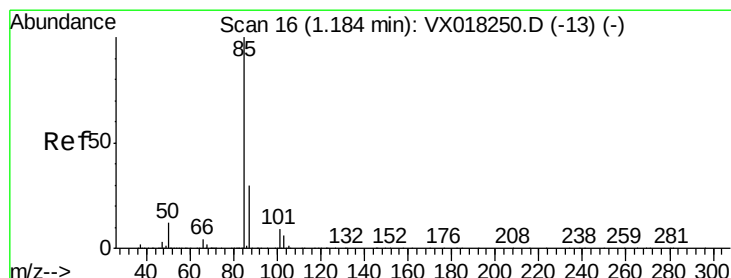
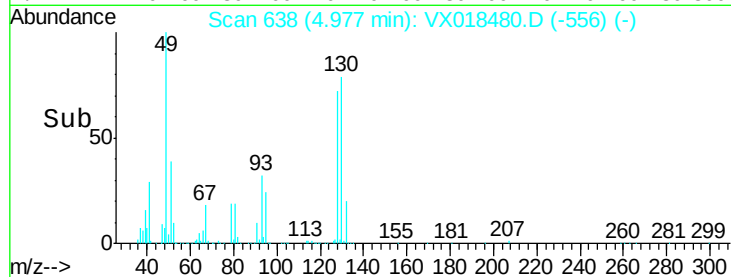
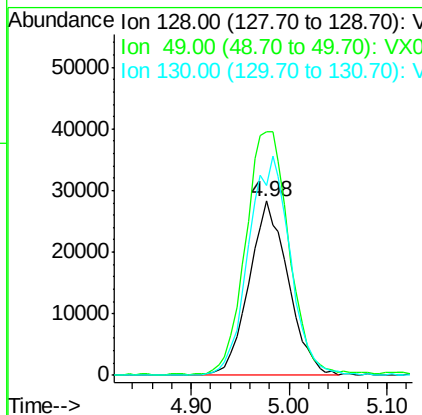
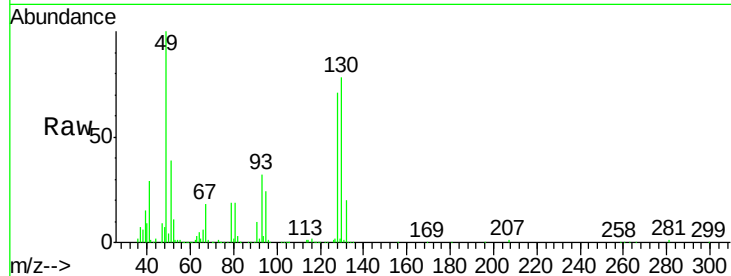
Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: VX018480.D
 Acq: 18 Sep 2020 09:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
128	100		
49	153.6	0.0	392.0
130	133.1	0.0	320.2

Manual Integrations
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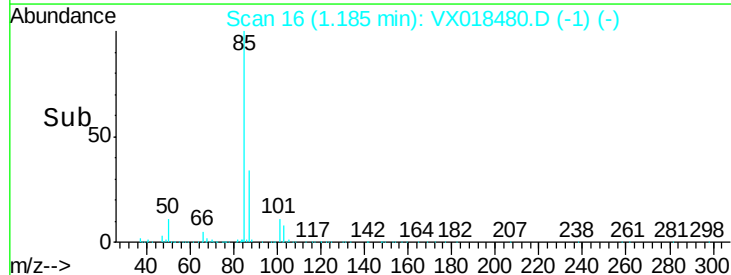
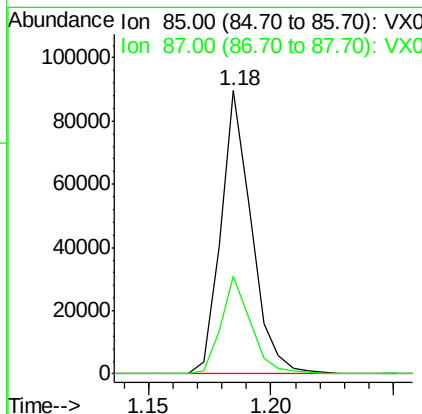
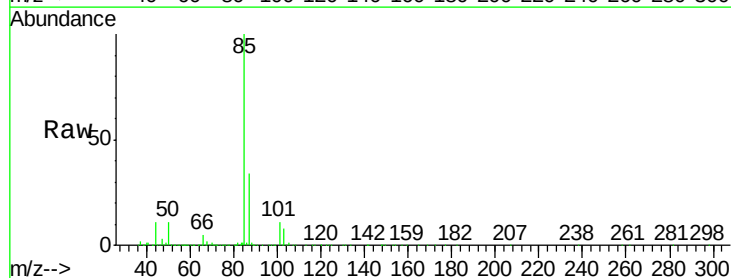
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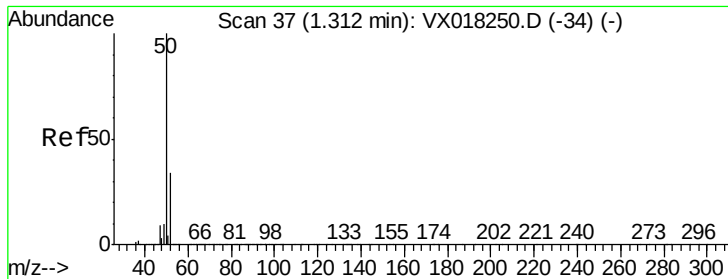


#2

Dichlorodifluoromethane
 Concen: 18.498 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. 0.00 min
 Lab File: VX018480.D
 Acq: 18 Sep 2020 09:53

Tgt Ion	Ratio	Lower	Upper
85	100		
87	34.3	15.1	45.3





#3

Chloromethane

Concen: 18.630 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 50 Resp: 82441

Ion Ratio Lower Upper

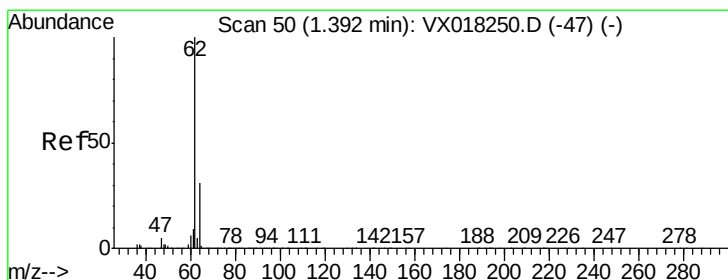
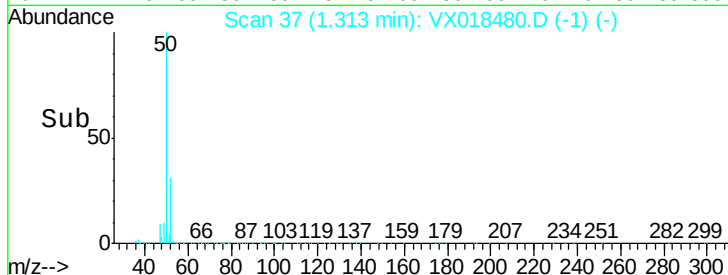
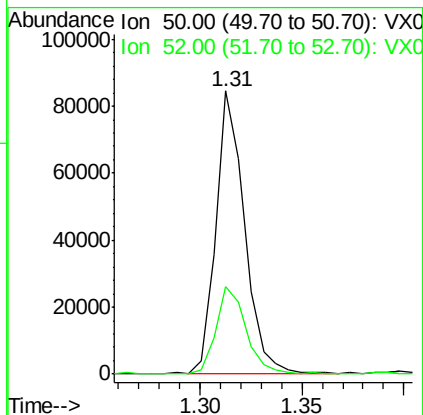
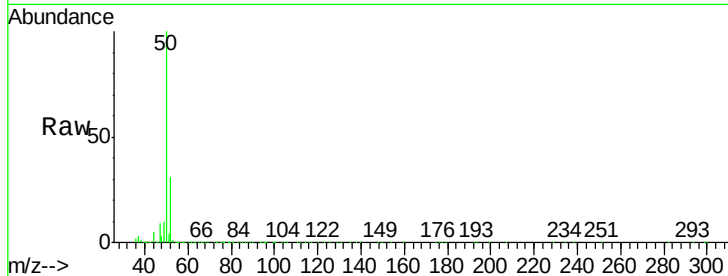
50 100

52 30.7 27.1 40.7

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#4

Vinyl Chloride

Concen: 17.881 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018480.D

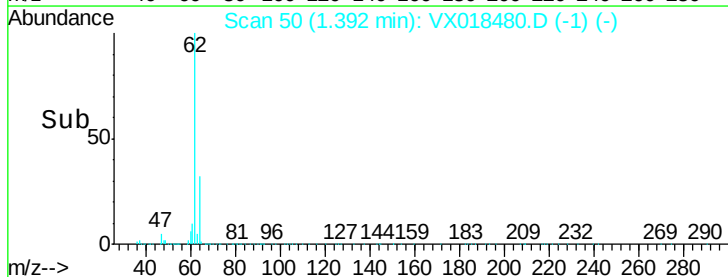
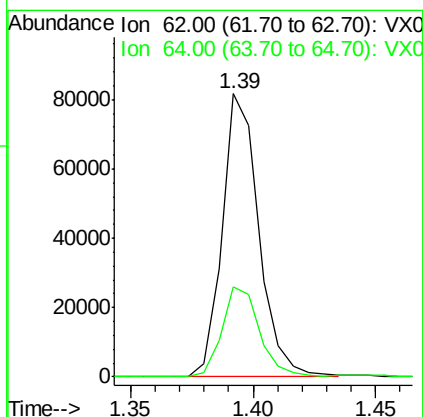
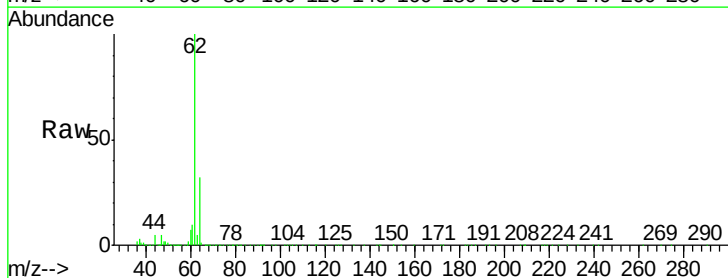
Acq: 18 Sep 2020 09:53

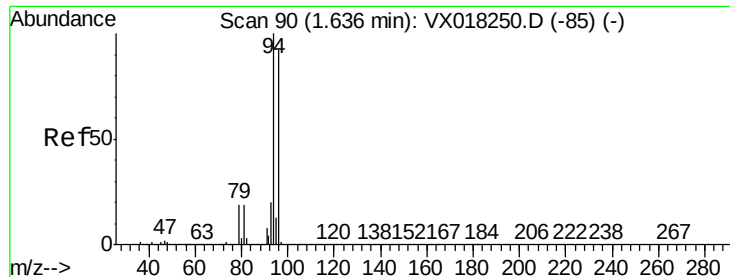
Tgt Ion: 62 Resp: 83322

Ion Ratio Lower Upper

62 100

64 31.7 25.2 37.8





#5

Bromomethane

Concen: 20.037 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 94 Resp: 63525

Ion Ratio Lower Upper

94 100

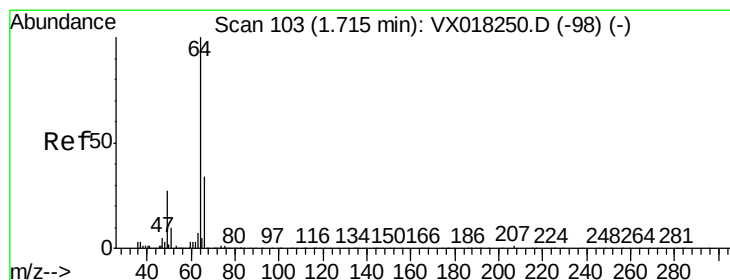
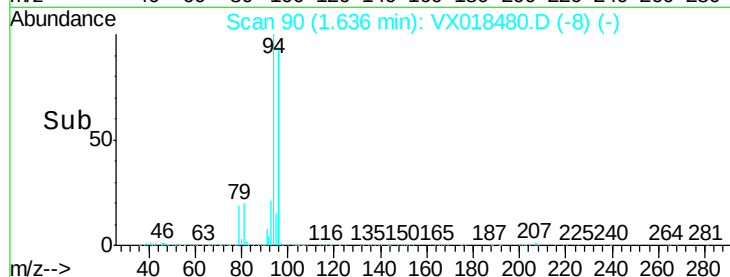
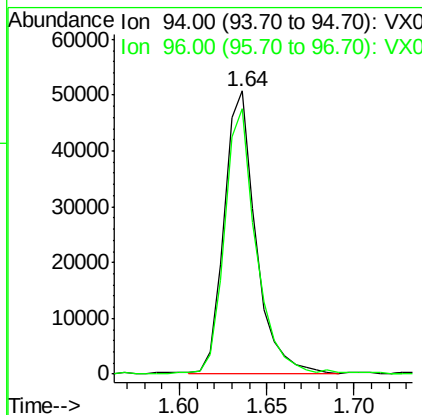
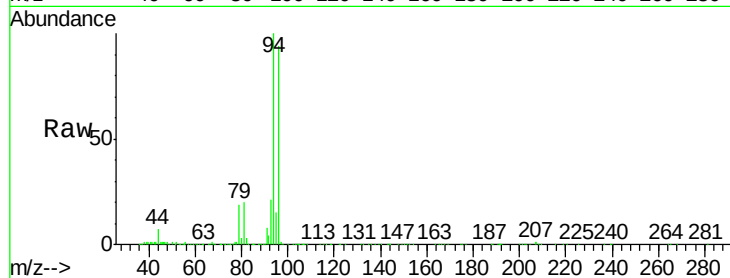
96 93.8 73.9 110.9

Manual Integrations

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#6

Chloroethane

Concen: 18.557 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018480.D

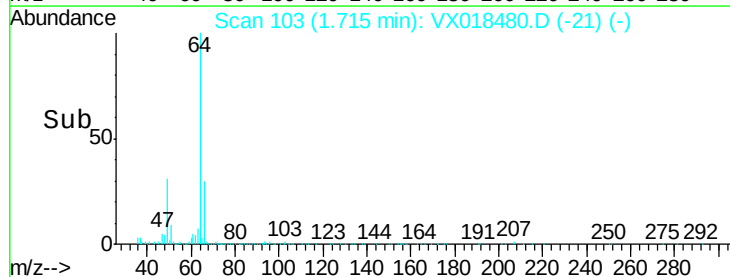
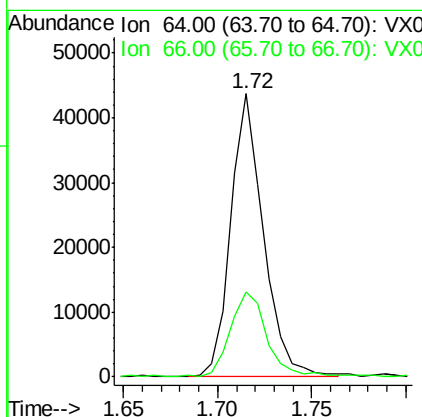
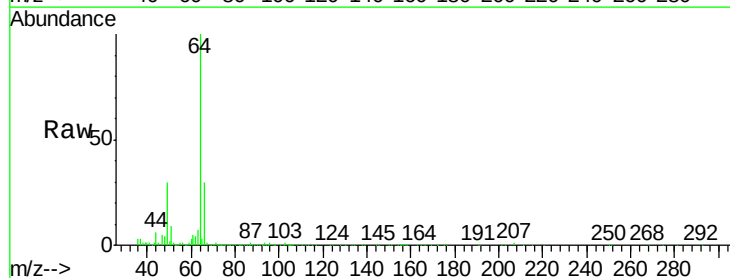
Acq: 18 Sep 2020 09:53

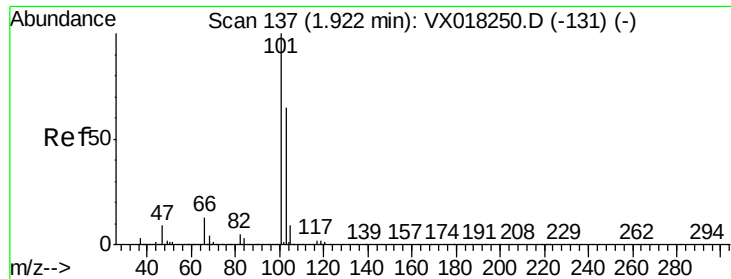
Tgt Ion: 64 Resp: 52555

Ion Ratio Lower Upper

64 100

66 29.7 27.0 40.4





#7

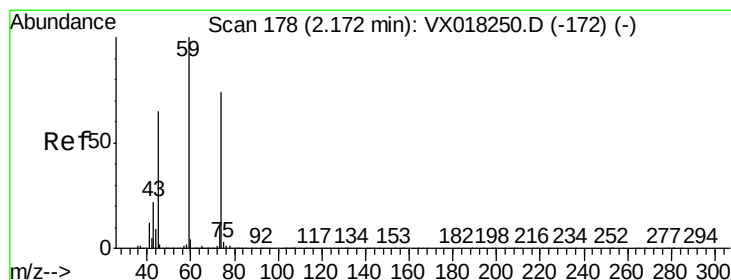
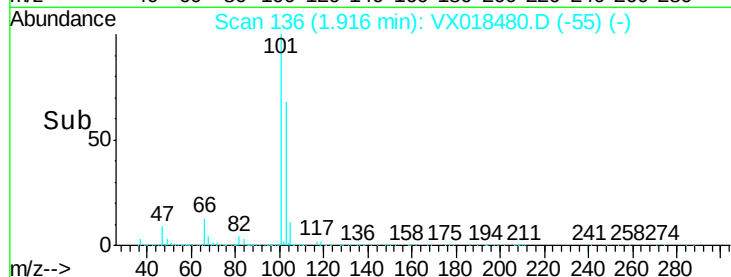
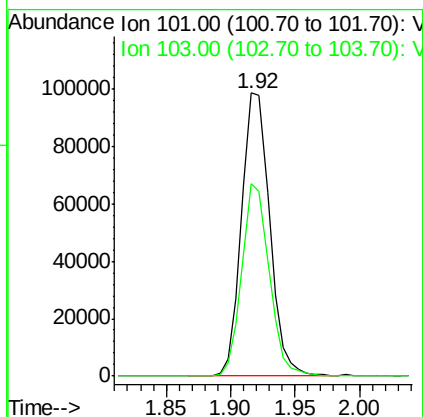
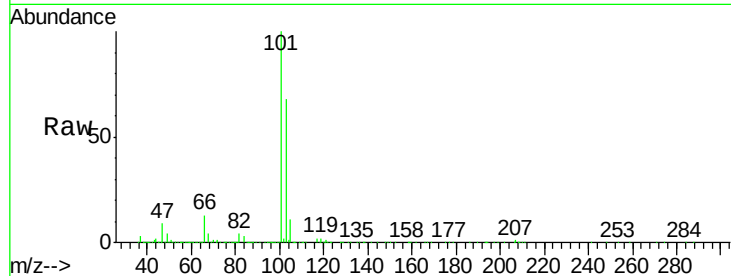
Trichlorofluoromethane
Concen: 18.956 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
101	100		
103	68.0	52.3	78.5

Manual Integrations
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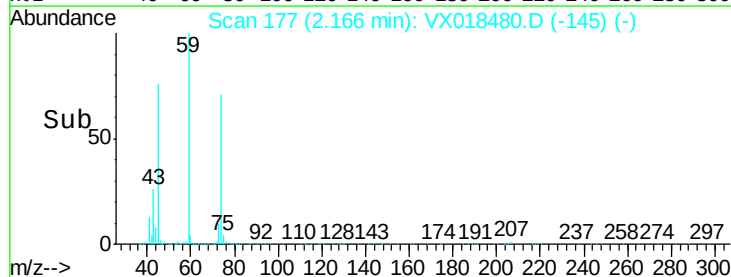
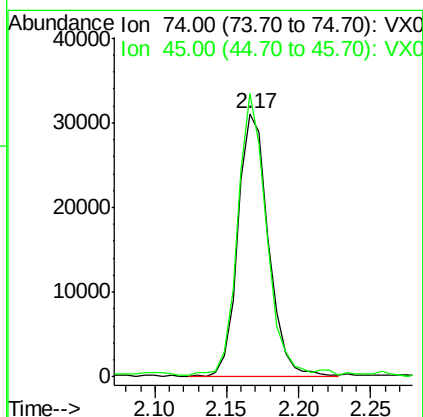
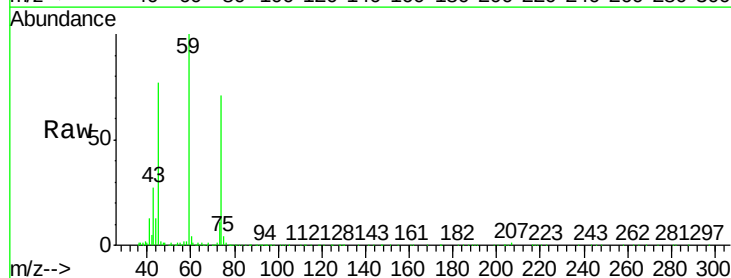
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9/21/2020 11:50:39 AM

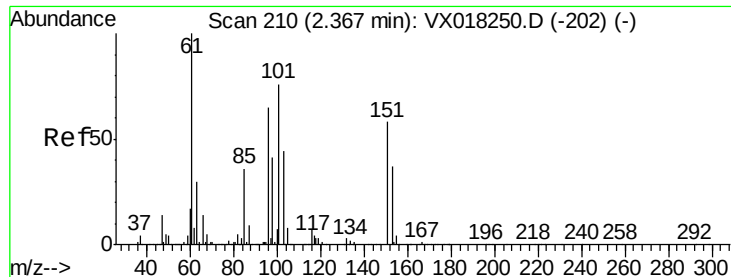


#8

Diethyl Ether
Concen: 18.470 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.6	20.5	184.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.568 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Instrument :

MSVOA_X

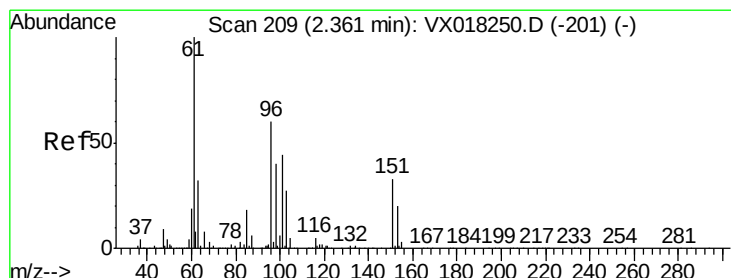
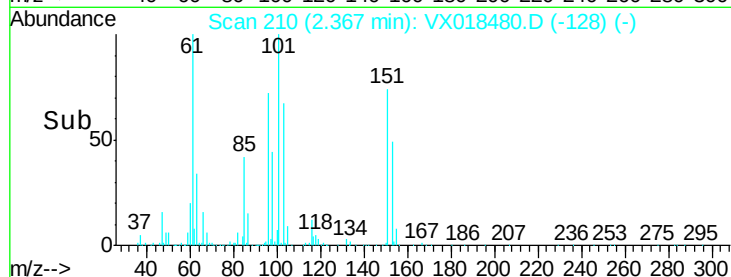
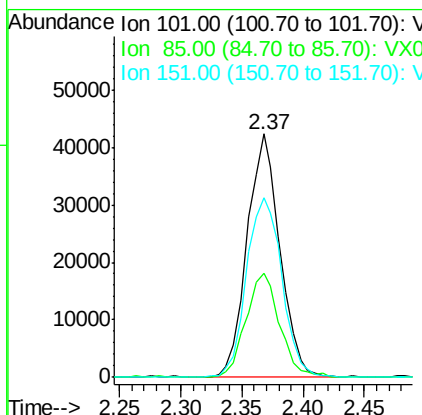
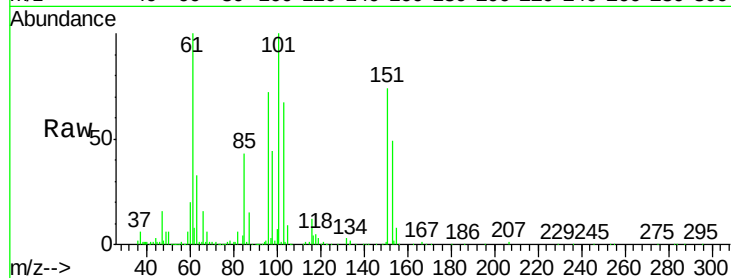
ClientSampled :

VSTDCCC020

Tot Ion:	101	Resp:	78950
Ion Ratio	Lower	Upper	
101	100		
85	44.4	0.0	87.8
151	80.0	0.0	161.4

Manual Integrations
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MMDadoda
9/21/2020 11:50:39 AM



#10

1,1-Dichloroethene

Concen: 18.925 ug/l

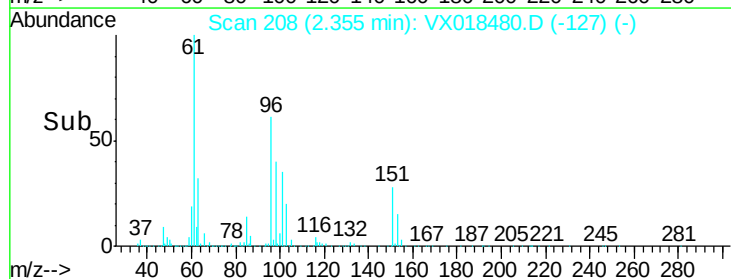
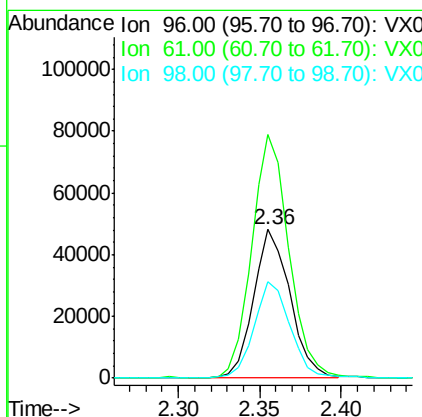
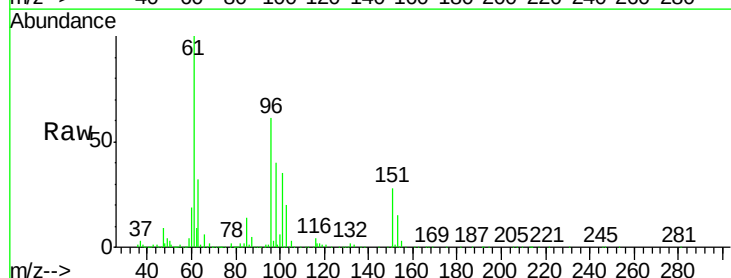
RT: 2.36 min Scan# 208

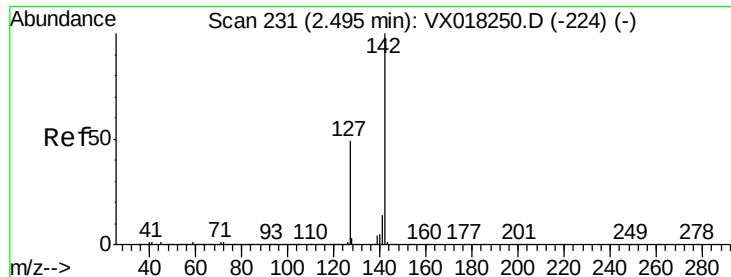
Delta R.T. -0.01 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Tgt Ion:	96	Resp:	74953
Ion Ratio	Lower	Upper	
96	100		
61	164.1	132.5	198.7
98	64.8	52.4	78.6





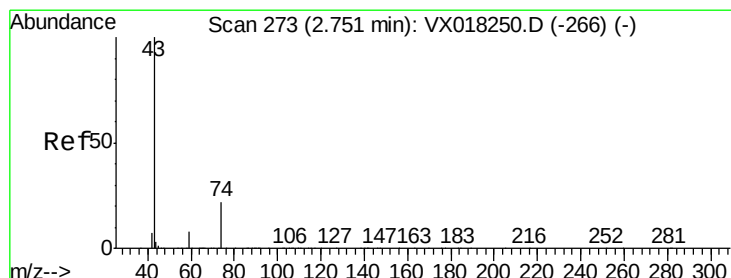
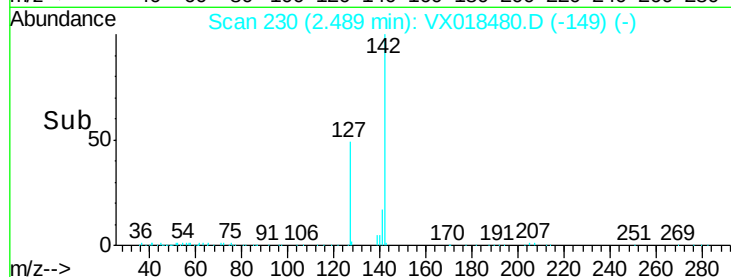
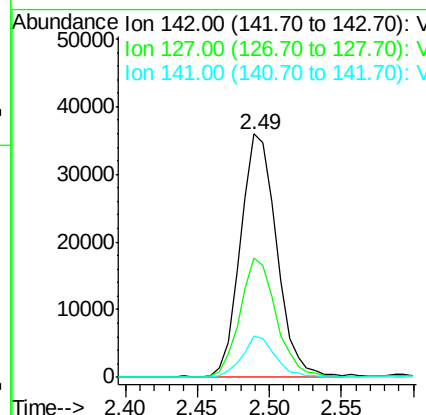
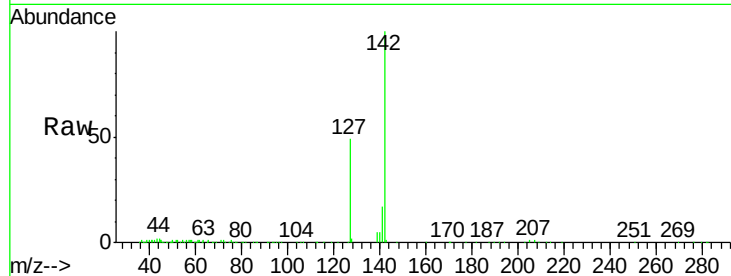
#11
Methvl Iodide
Concen: 18.074 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
142	100		
127	48.9	24.6	74.0
141	16.9	7.0	21.0

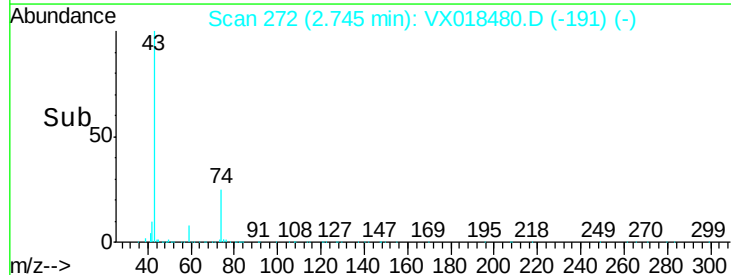
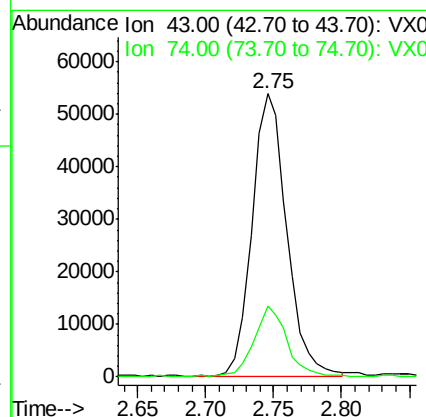
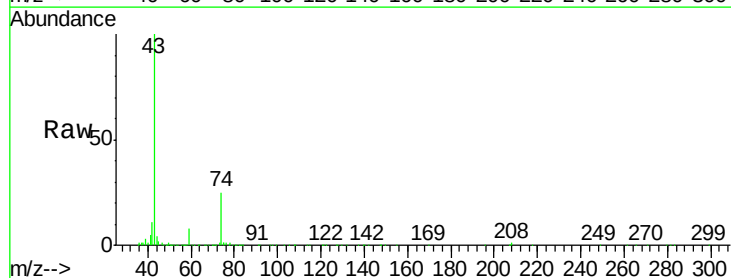
Manual Integrations
APPROVED

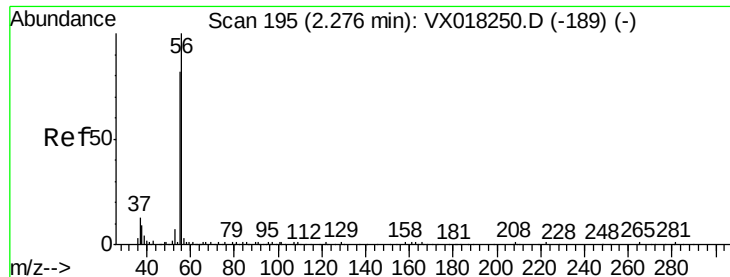
MMDadoda
9/21/2020 11:50:39 AM



#12
Methyl Acetate
Concen: 18.401 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.7	18.0	27.0





#13

Acrolein

Concen: 91.198 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 56 Resp: 38371

Ion Ratio Lower Upper

56 100

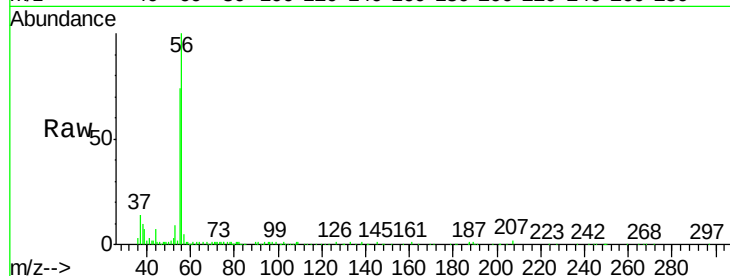
55 75.2 59.7 89.5

Manual Integrations

APPROVED

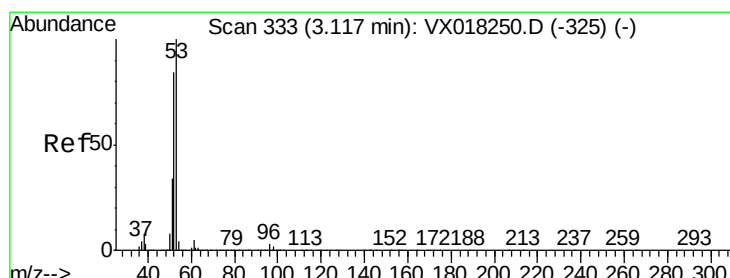
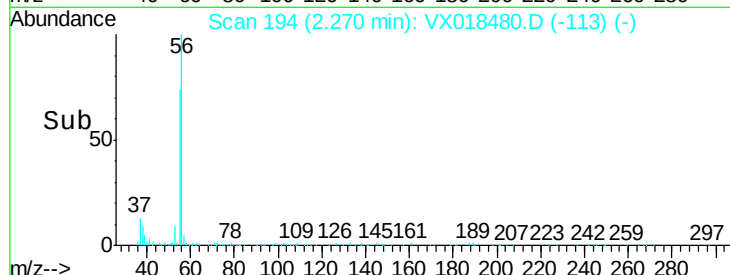
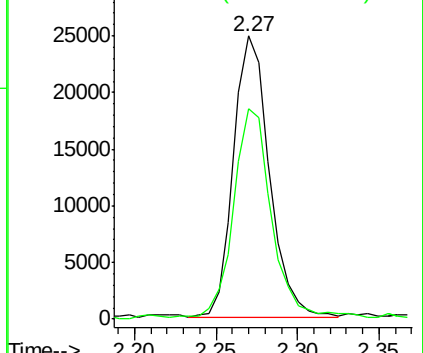
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 88.174 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

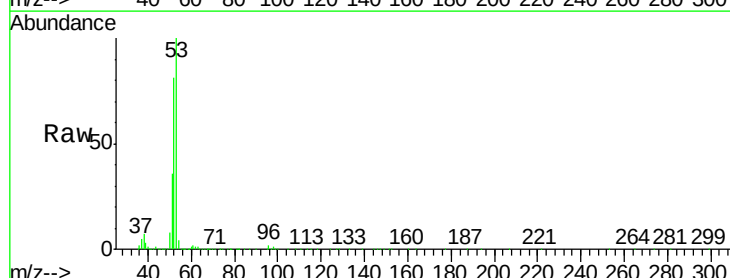
Tgt Ion: 53 Resp: 208291

Ion Ratio Lower Upper

53 100

52 82.1 41.9 125.7

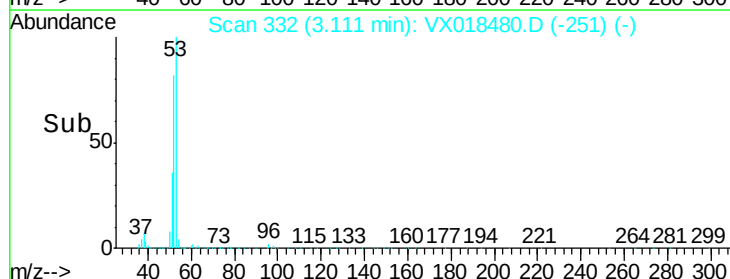
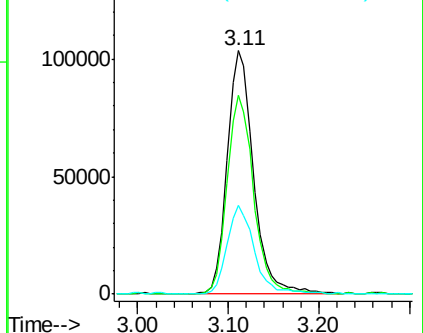
51 36.6 18.3 54.8

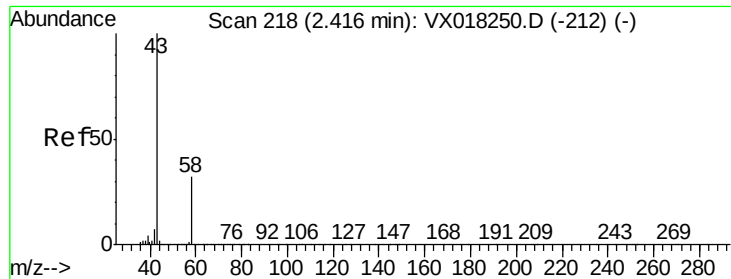


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 103.841 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Tot Ion: 58 Resp: 66694

Ion Ratio Lower Upper

58 100

43 331.2 248.2 372.2

Instrument :

MSVOA_X

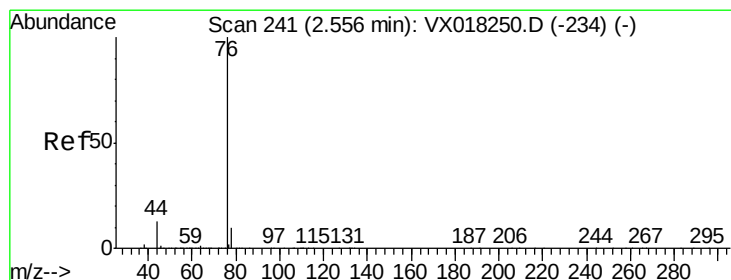
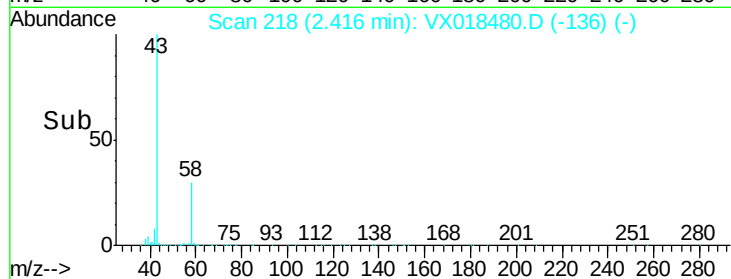
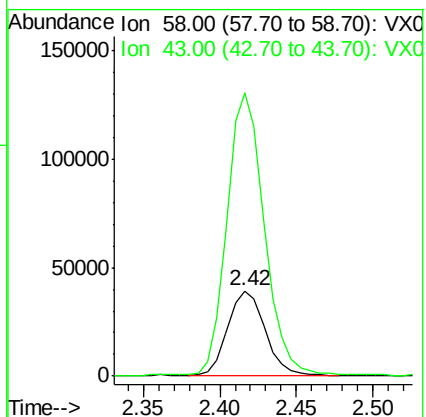
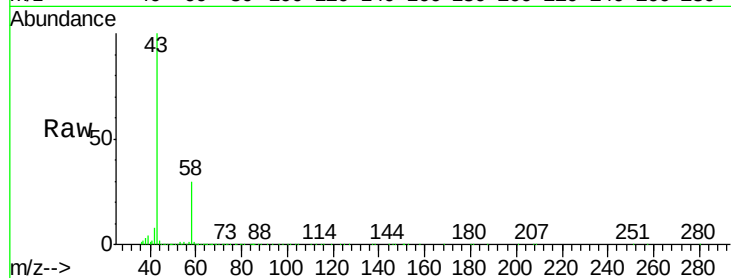
ClientSampled :

VSTDCCC020

Manual Integrations
APPROVED

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#16

Carbon Disulfide

Concen: 18.419 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.01 min

Lab File: VX018480.D

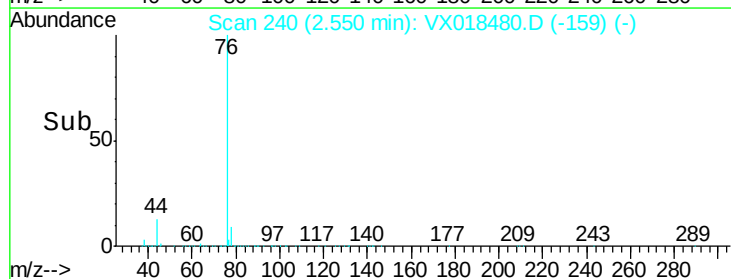
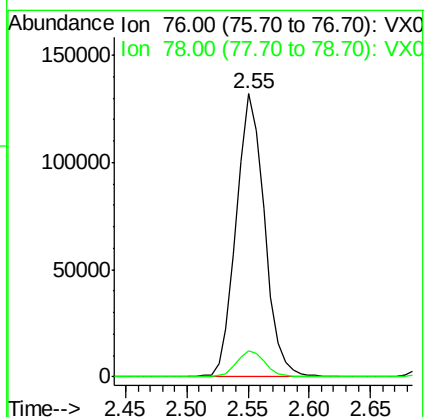
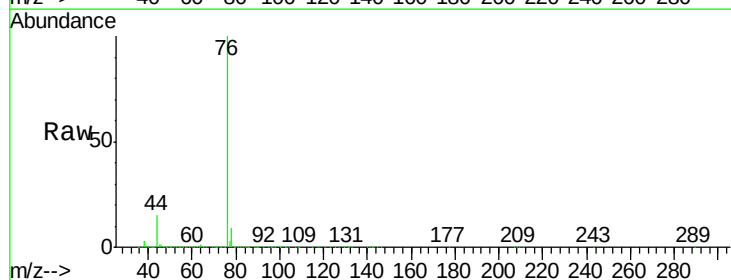
Acq: 18 Sep 2020 09:53

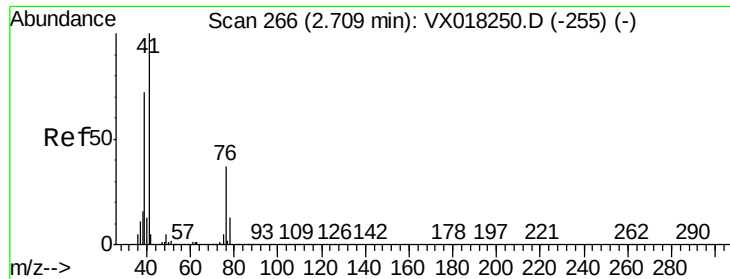
Tgt Ion: 76 Resp: 212404

Ion Ratio Lower Upper

76 100

78 9.4 7.8 11.6





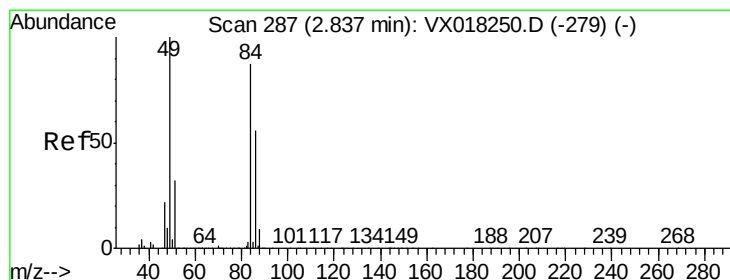
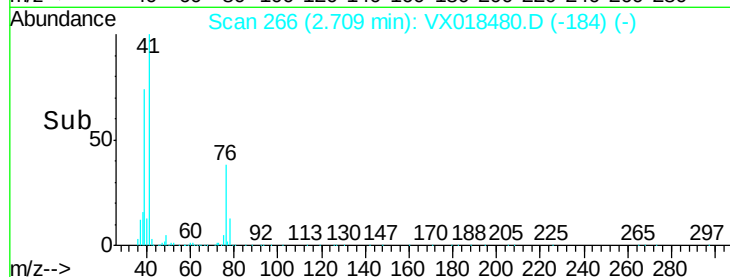
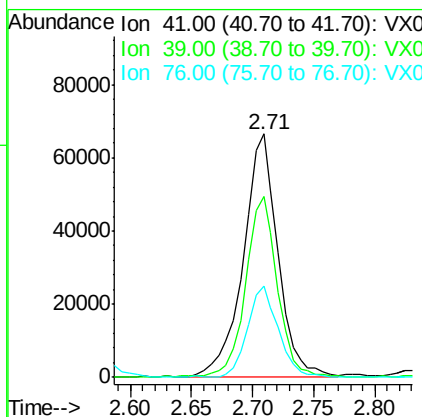
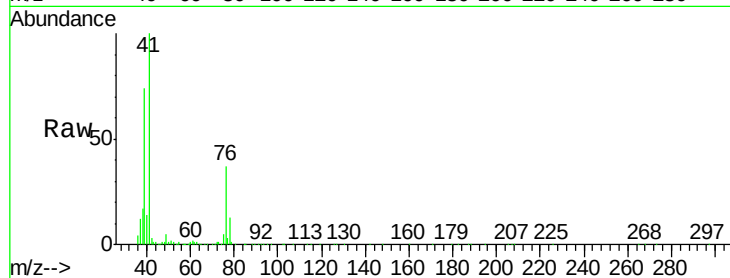
#17
Allvl chloride
Concen: 18.386 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		130153		
39	73.8	36.0	108.1		
76	37.3	18.6	55.6		

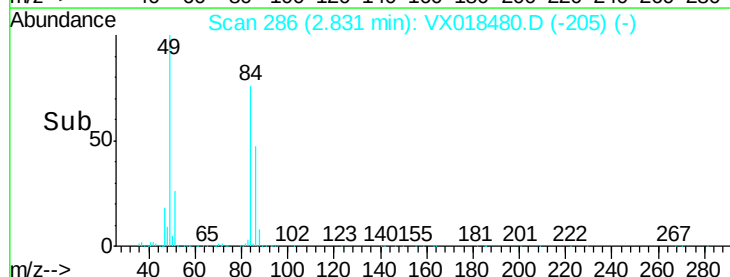
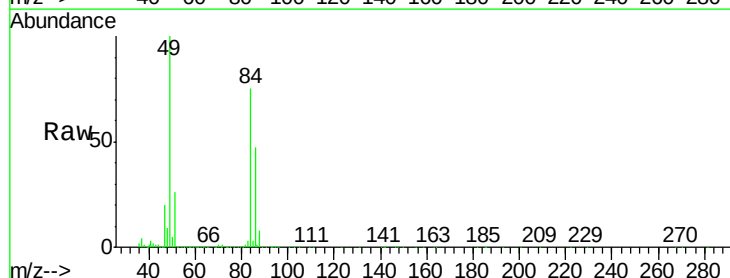
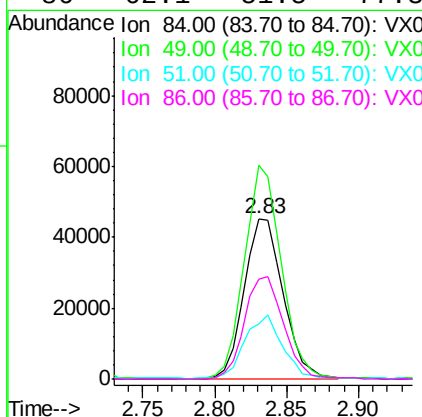
Manual Integrations
APPROVED

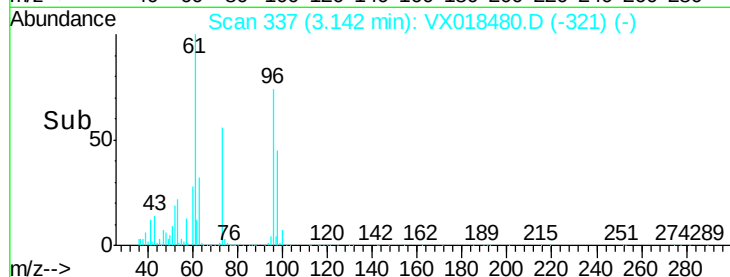
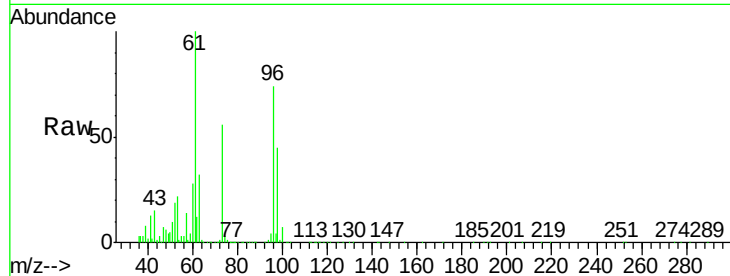
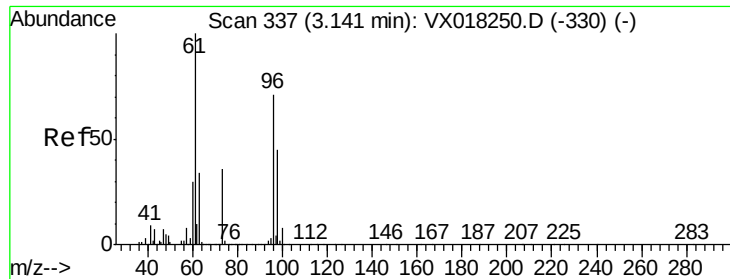
MMDadoda
9/21/2020 11:50:39 AM



#18
Methylene Chloride
Concen: 18.213 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
84	100		84661		
49	132.9	91.6	137.4		
51	33.4	29.4	44.0		
86	62.1	51.5	77.3		





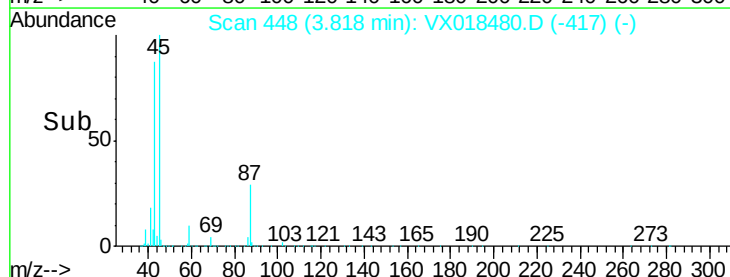
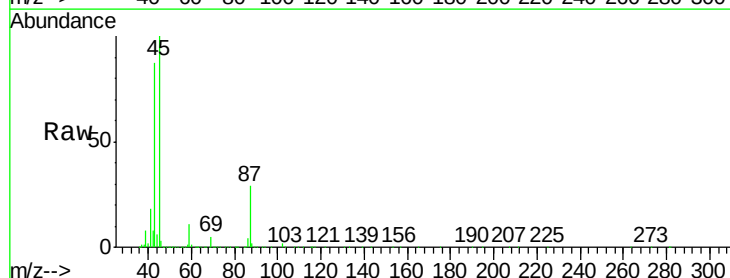
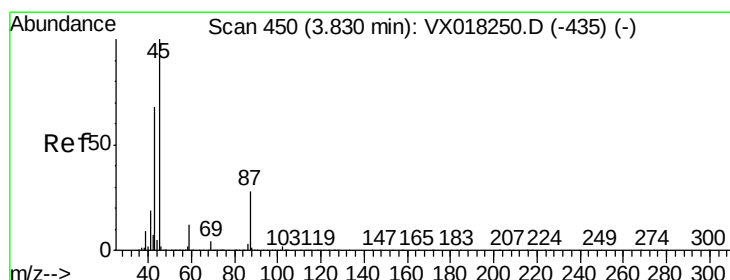
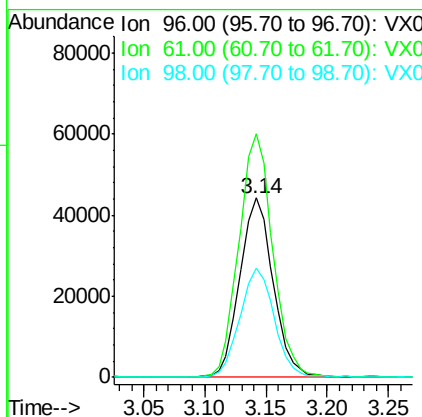
#19
trans-1,2-Dichloroethene
Concen: 19.093 ug/l
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.0	112.8	169.2
98	60.9	51.0	76.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

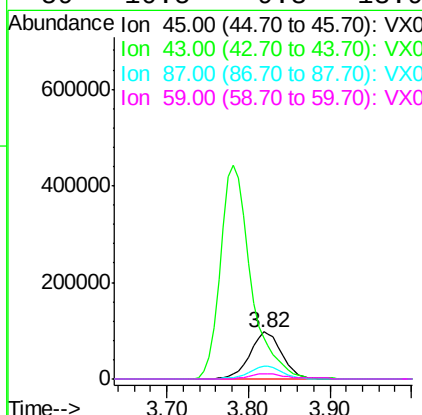
Manual Integrations
APPROVED

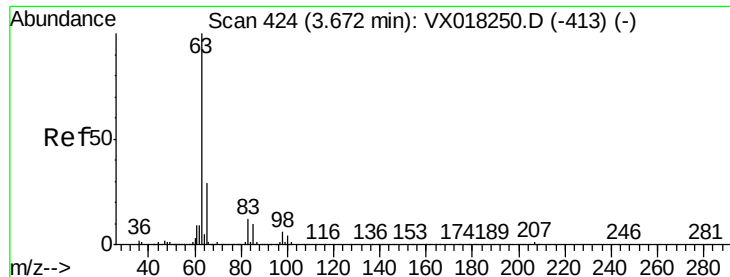
MMDadoda
9/21/2020 11:50:39 AM



#20
Diisopropyl ether
Concen: 18.932 ug/l
RT: 3.82 min Scan# 448
Delta R.T. -0.01 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

Tgt Ion	Ratio	Lower	Upper
45	100		
43	86.1	54.5	81.7#
87	28.6	22.2	33.2
59	10.5	9.3	13.9





#21

1,1-Dichloroethane

Concen: 18.779 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Instrument :

MSVOA_X

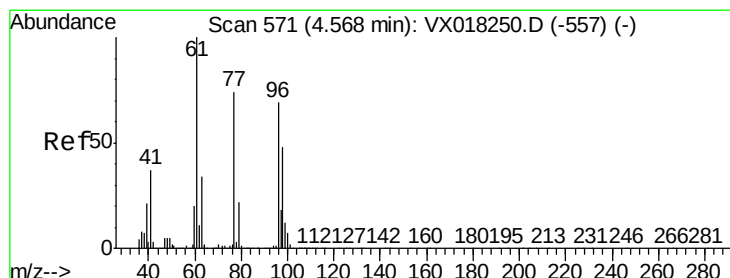
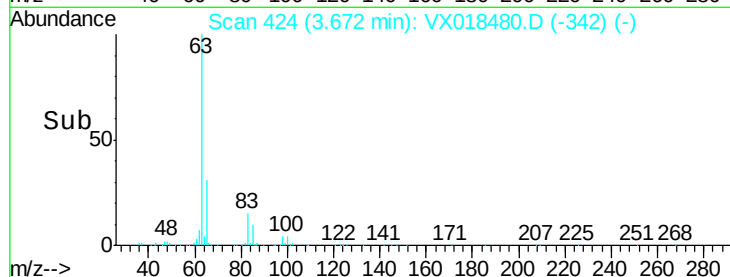
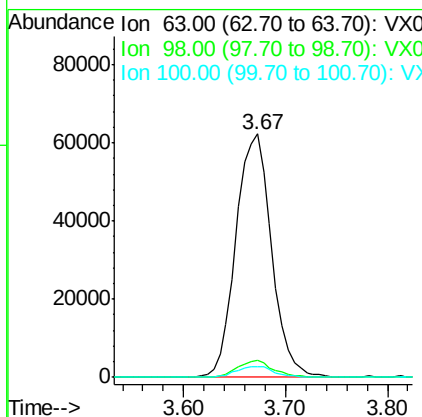
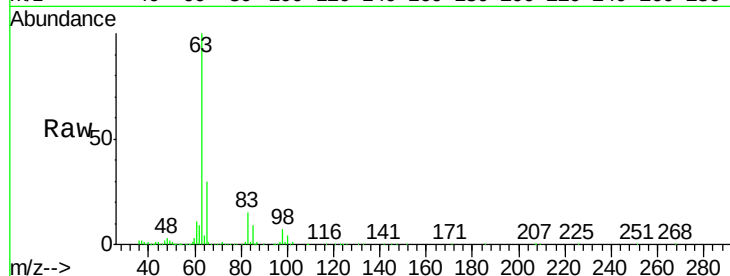
ClientSampleId :

VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
63	100	151057		
98	7.2	3.2	9.6	
100	4.3	2.1	6.3	

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 18.428 ug/l

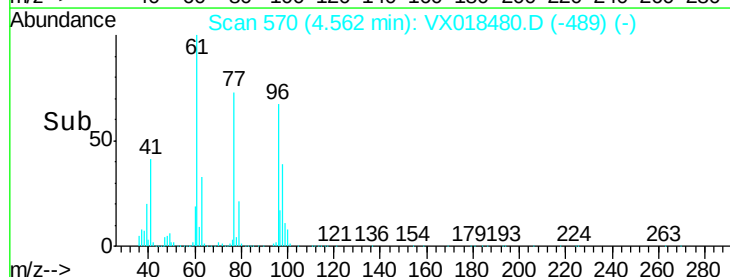
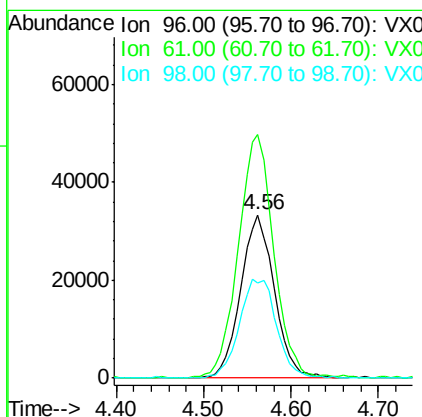
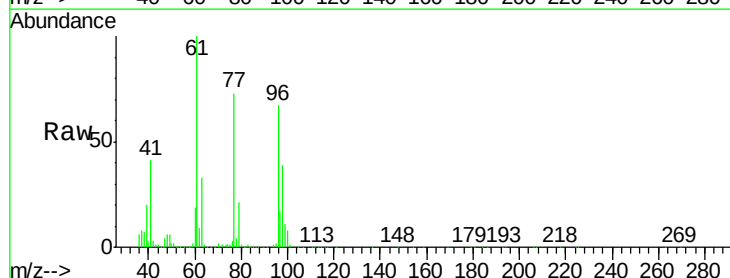
RT: 4.56 min Scan# 570

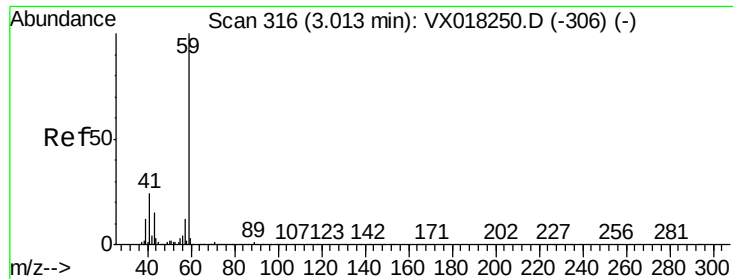
Delta R.T. -0.01 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	89659		
61	155.9	116.2	174.4	
98	66.5	52.5	78.7	





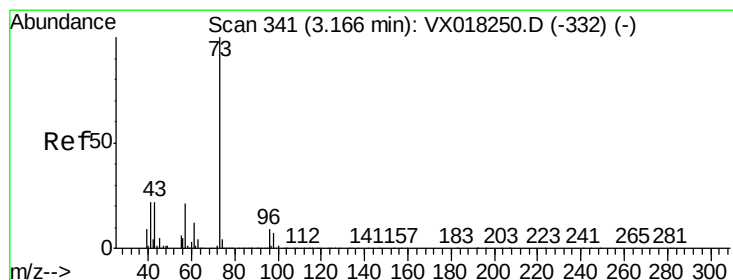
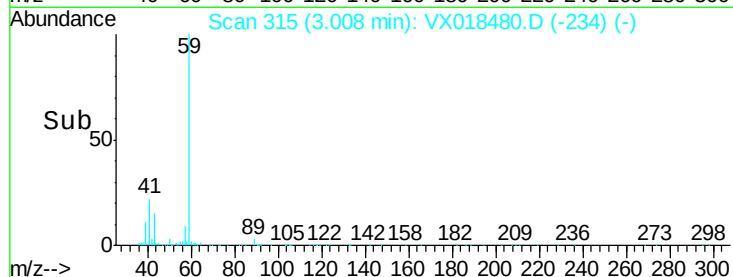
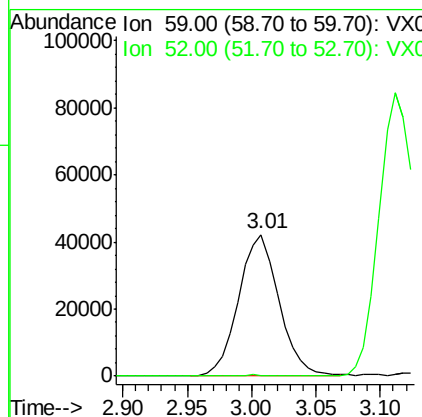
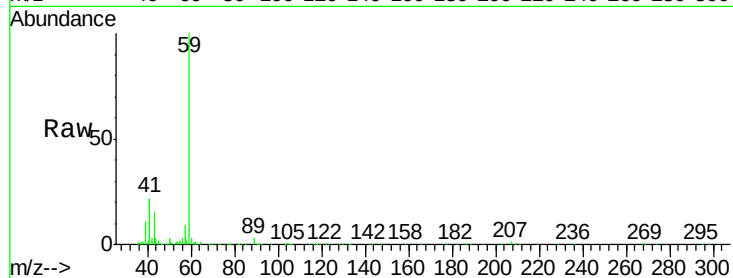
#23
 tert-Butyl Alcohol
 Concen: 89.303 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX018480.D
 Acq: 18 Sep 2020 09:53

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC020

Tot Ion	Ion	Ratio	Lower	Upper
59	100			
52	0.2	0.4	0.6#	

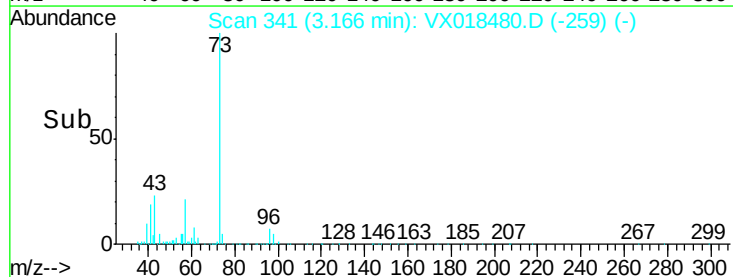
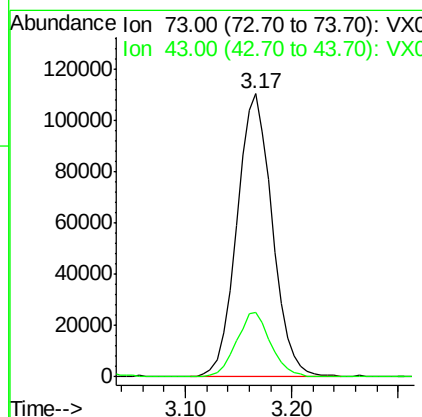
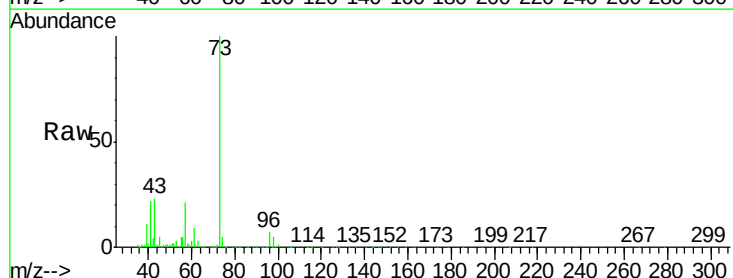
Manual Integrations
 APPROVED

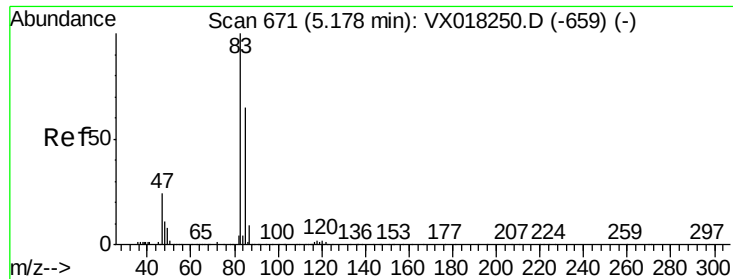
MMDadoda
 9/21/2020 11:50:39 AM



#24
 Methyl tert-Butyl Ether
 Concen: 18.319 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX018480.D
 Acq: 18 Sep 2020 09:53

Tgt Ion	Ion	Ratio	Lower	Upper
73	100			
43	22.3	17.8	26.6	





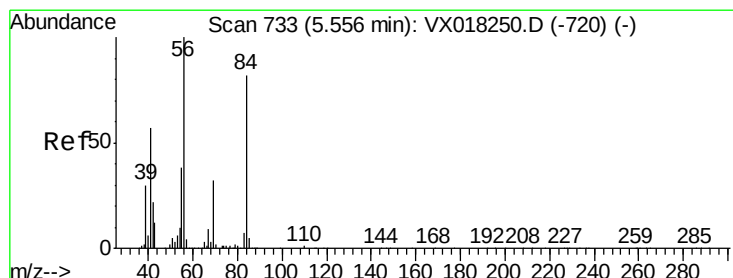
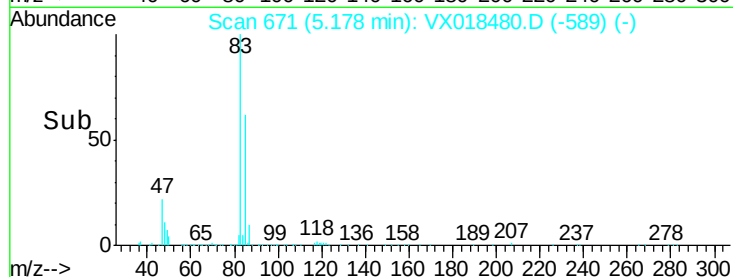
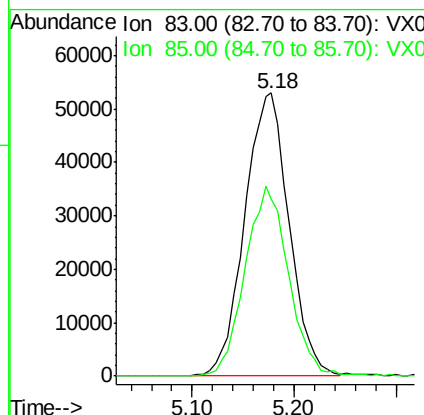
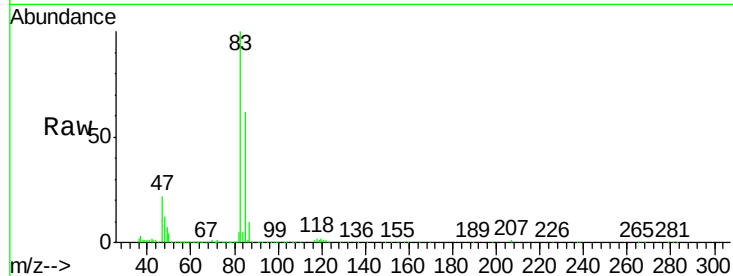
#25
Chloroform
Concen: 18.611 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	83	Resp	159771
Ion Ratio	100	Lower	Upper
83	100		
85	62.3	51.6	77.4

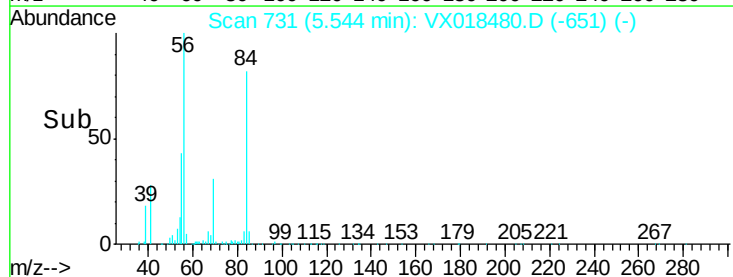
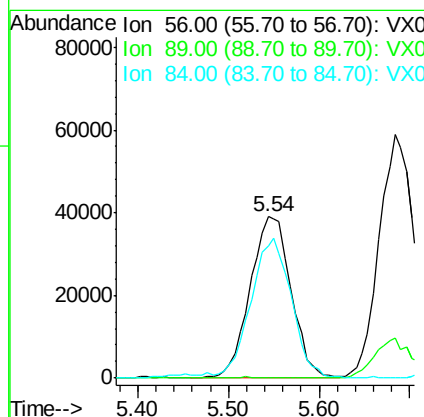
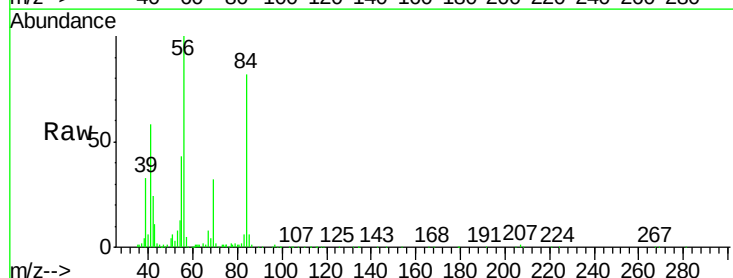
Manual Integrations
APPROVED

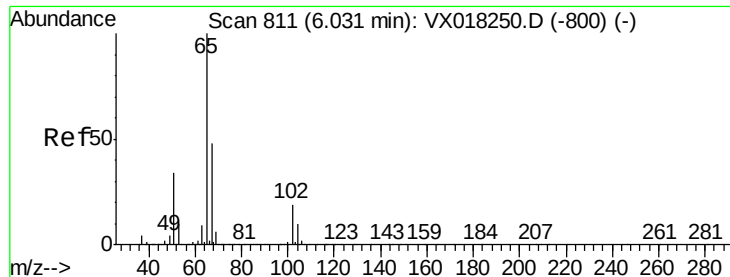
MMDadoda
9/21/2020 11:50:39 AM



#26
Cyclohexane
Concen: 18.754 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

Tgt Ion	56	Resp	121764
Ion Ratio	100	Lower	Upper
56	100		
89	0.1	0.1	0.1
84	86.0	41.0	61.4#





#27

1,2-Dichloroethane-d4

Concen: 30.225 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 65 Resp: 187738

Ion Ratio Lower Upper

65 100

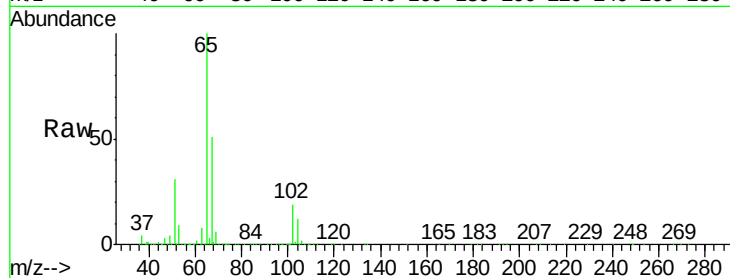
67 50.8 39.9 59.9

Manual Integrations

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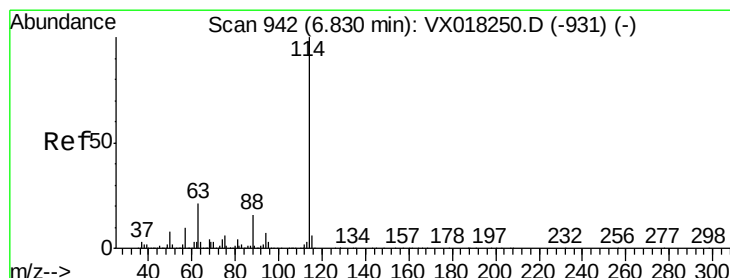
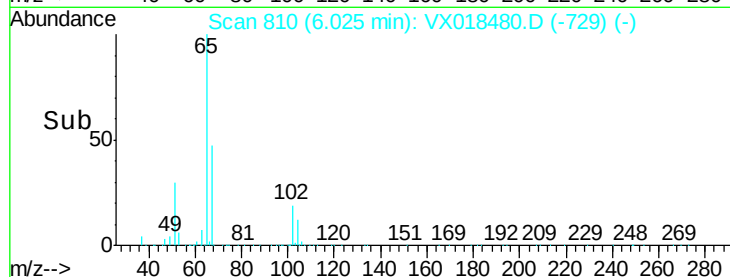
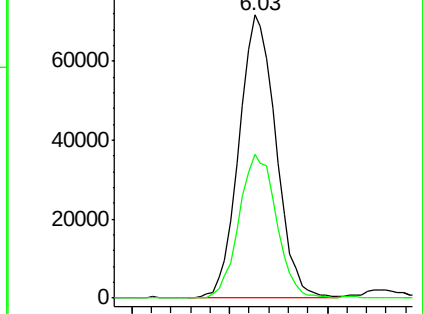
MMDadoda

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Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

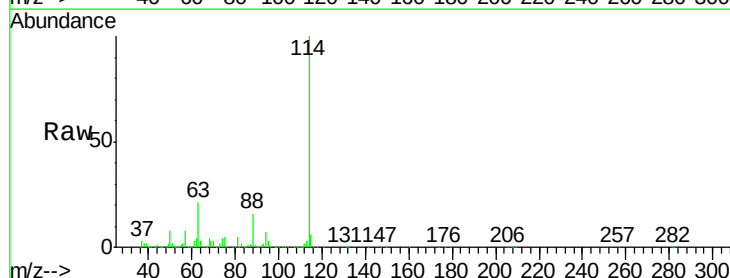
Tgt Ion: 114 Resp: 409390

Ion Ratio Lower Upper

114 100

63 20.9 16.7 25.1

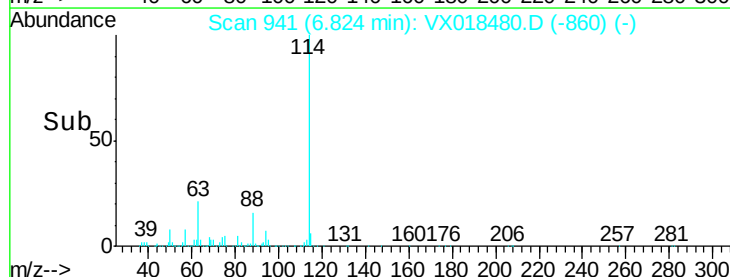
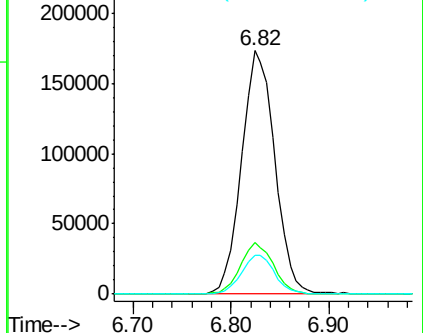
88 15.8 12.6 18.8

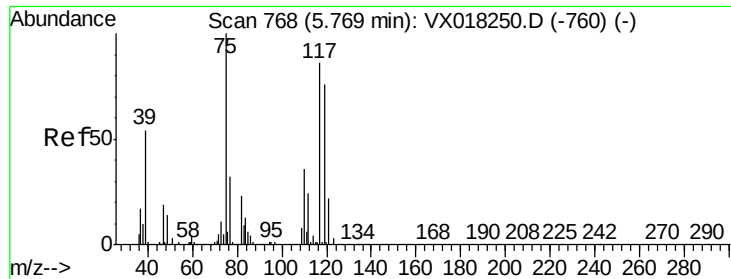


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 18.748 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Instrument :

MSVOA_X

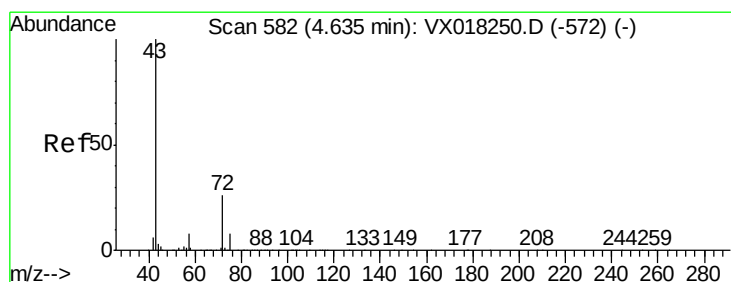
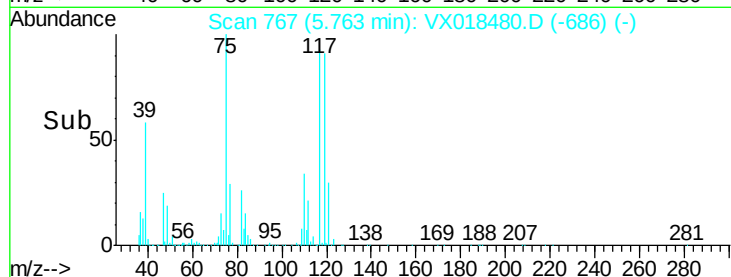
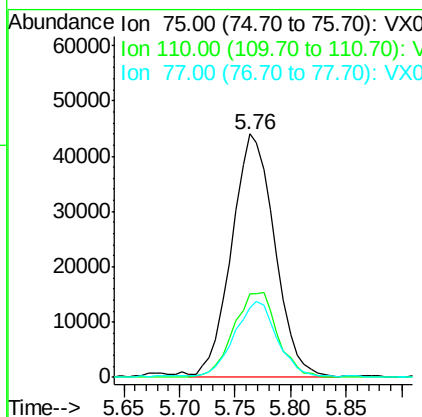
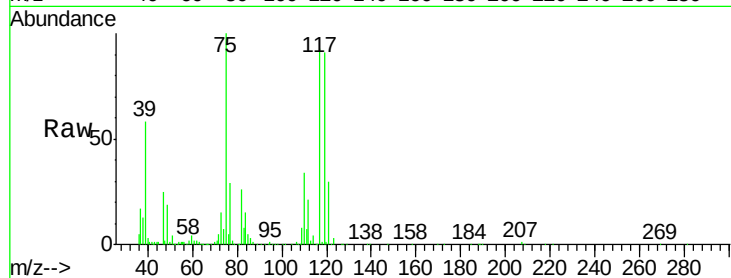
ClientSampleId :

VSTDCCC020

Tot Ion:	75	Resp:	117159
Ion Ratio	Lower	Upper	
75	100		
110	36.1	0.0	72.2
77	30.8	0.0	61.0

Manual Integrations
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#30

2-Butanone

Concen: 91.847 ug/l

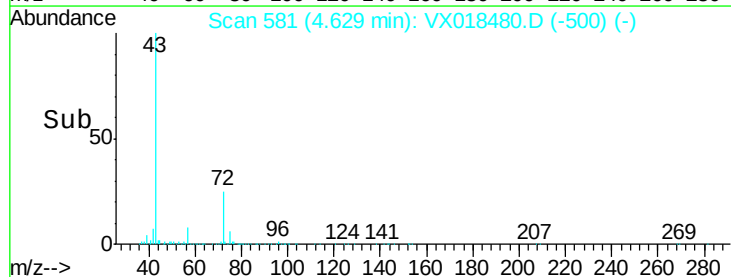
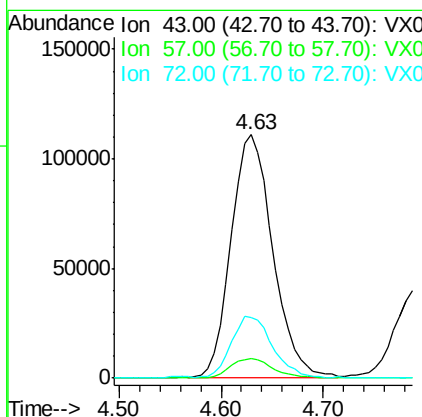
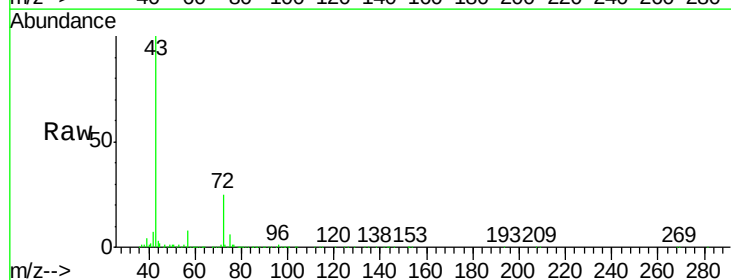
RT: 4.63 min Scan# 581

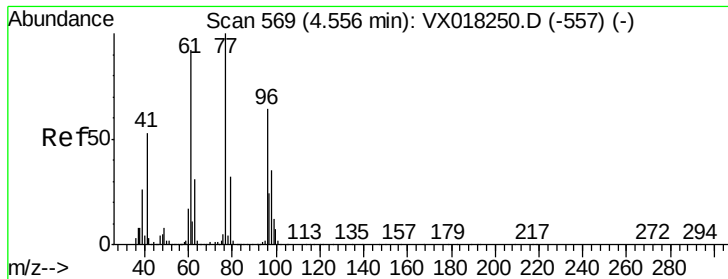
Delta R.T. -0.01 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Tgt Ion:	43	Resp:	314276
Ion Ratio	Lower	Upper	
43	100		
57	8.5	6.7	10.1
72	24.4	20.0	30.0





#31

2,2-Dichloropropane

Concen: 19.627 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 77 Resp: 148150

Ion Ratio Lower Upper

77 100

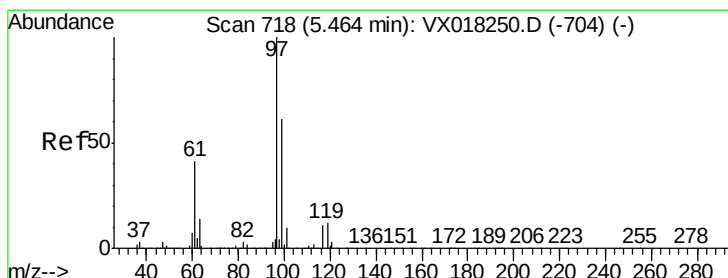
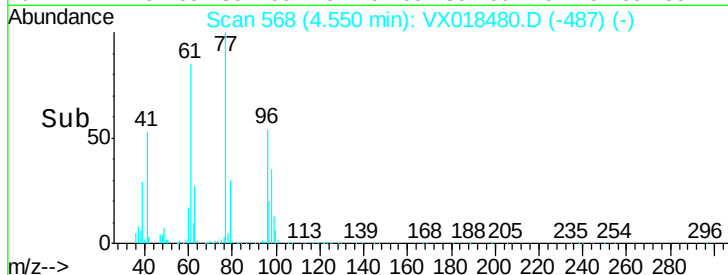
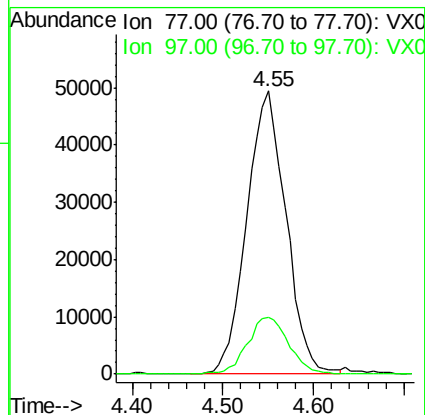
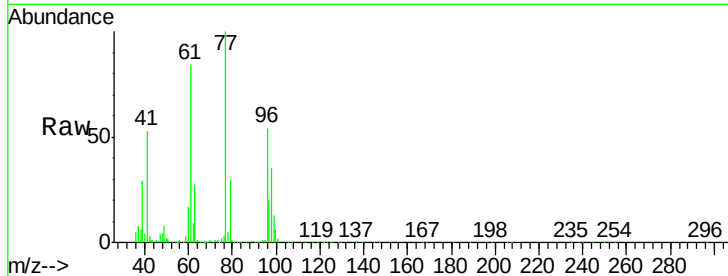
97 21.1 18.1 27.1

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 18.777 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

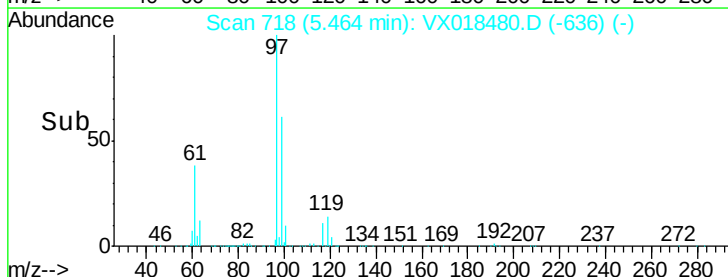
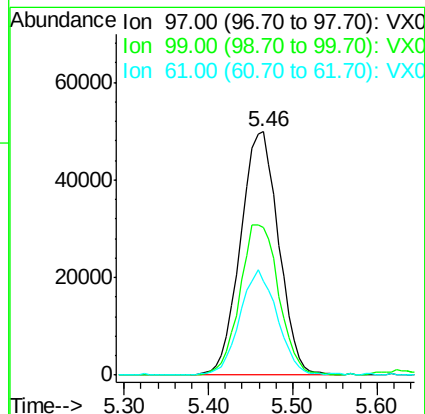
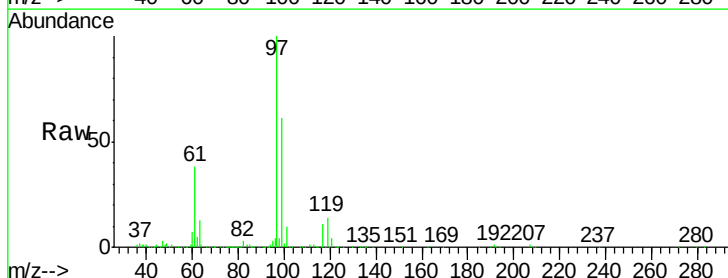
Tgt Ion: 97 Resp: 153593

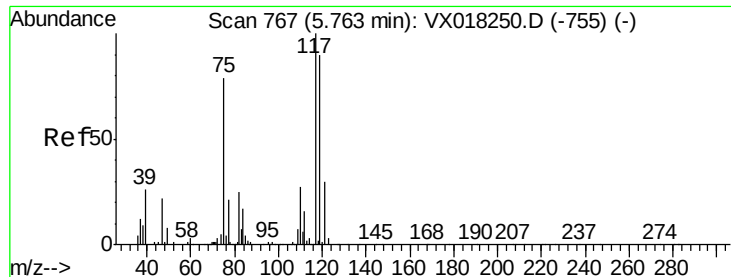
Ion Ratio Lower Upper

97 100

99 63.2 50.7 76.1

61 42.1 34.5 51.7





#33

Carbon Tetrachloride

Concen: 18.523 ug/l

RT: 5.75 min Scan# 765

Delta R.T. -0.01 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Instrument :

MSVOA_X

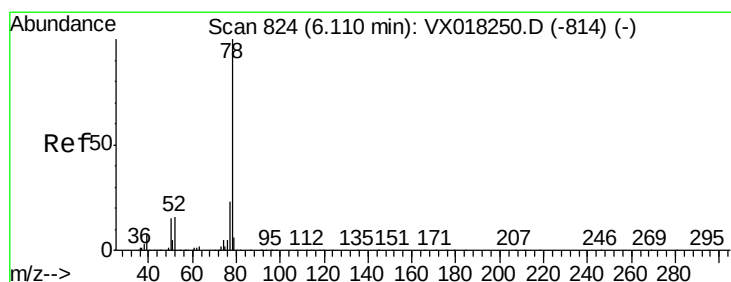
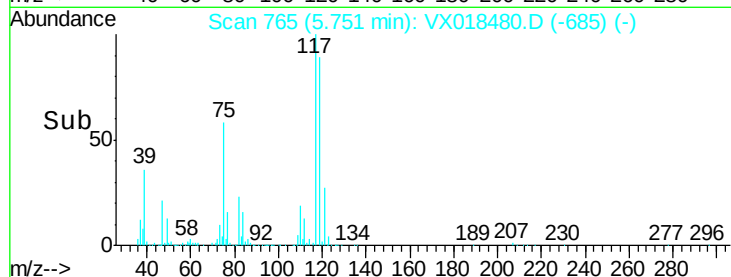
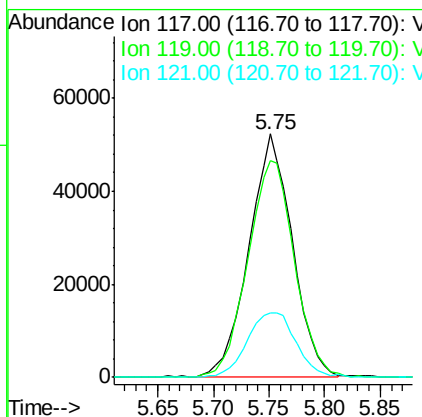
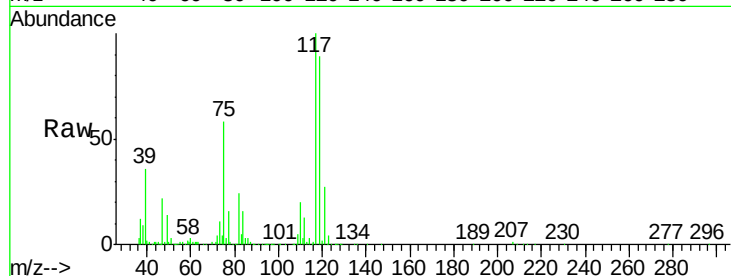
ClientSampleId :

VSTDCCC020

Tot Ion:	117	Resp:	141180
Ion Ratio	Lower	Upper	
117	100		
119	89.0	72.3	108.5
121	26.7	24.1	36.1

Manual Integrations
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#34

Benzene

Concen: 18.438 ug/l

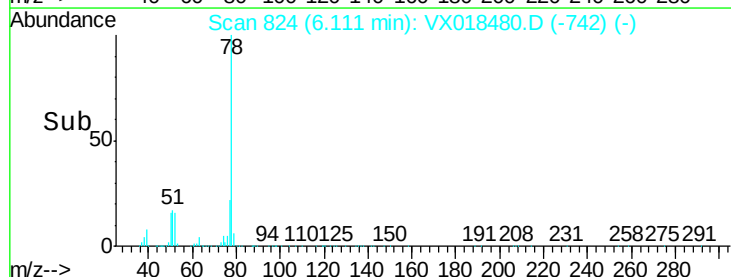
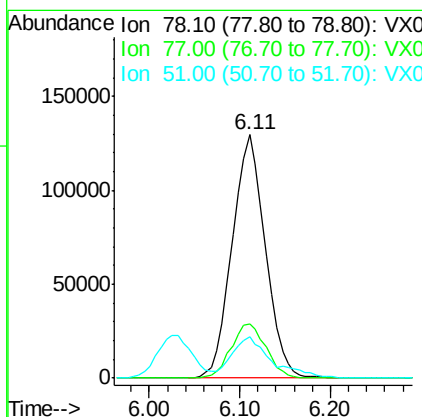
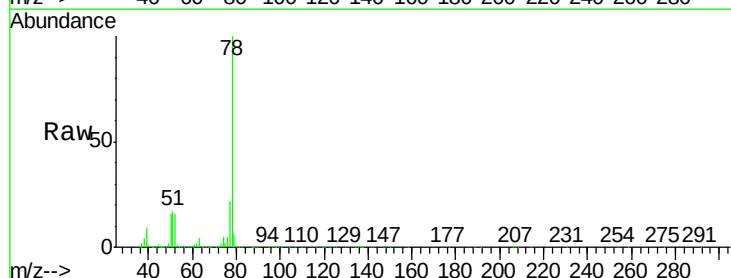
RT: 6.11 min Scan# 824

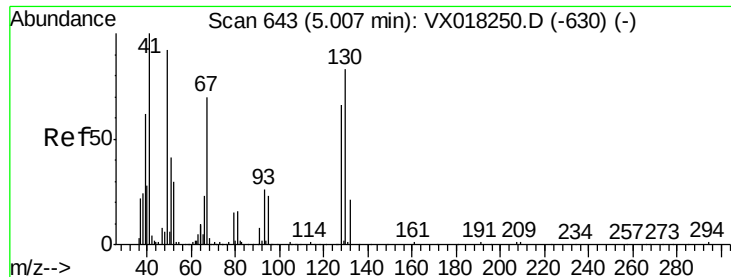
Delta R.T. 0.00 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Tgt Ion:	78	Resp:	328906
Ion Ratio	Lower	Upper	
78	100		
77	22.3	18.3	27.5
51	16.7	11.3	16.9





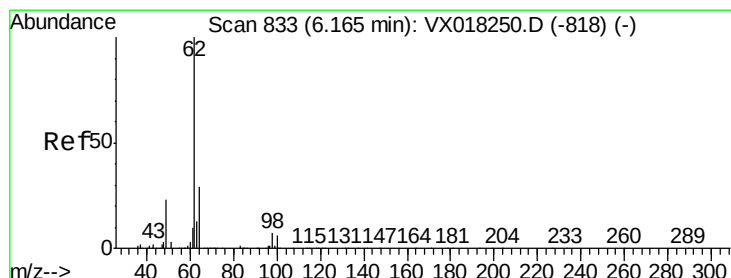
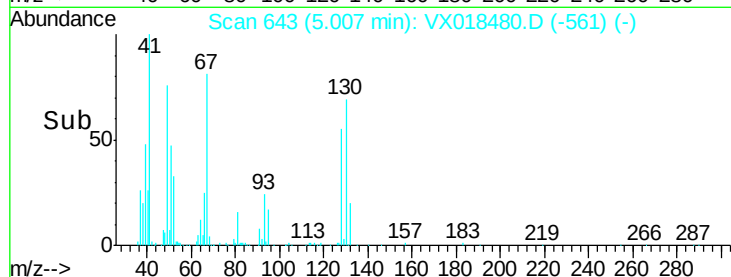
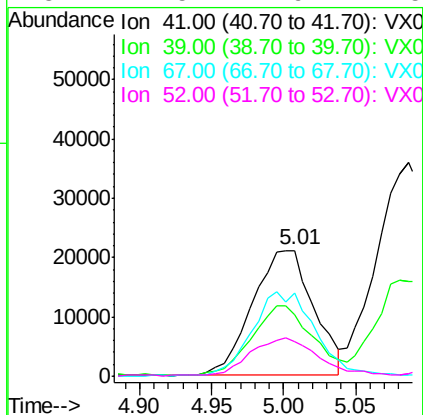
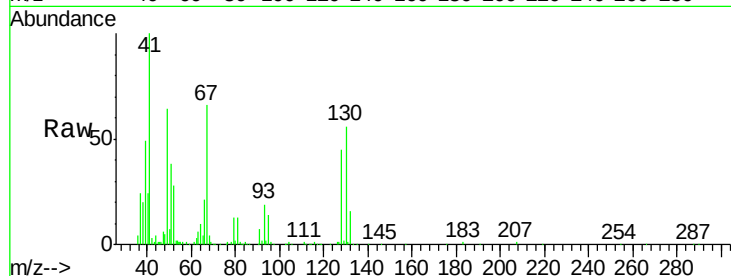
#35
Methacrylonitrile
Concen: 17.170 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	48.5	31.3	93.9	
67	66.7	35.4	106.2	
52	27.5	14.9	44.5	

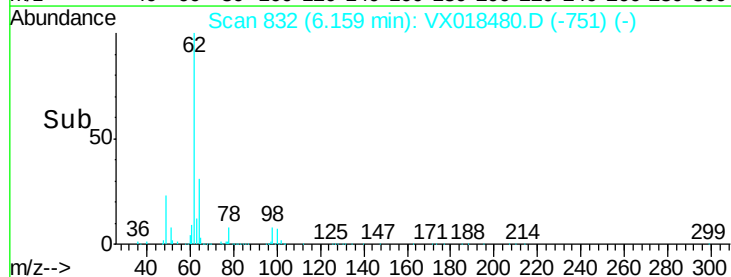
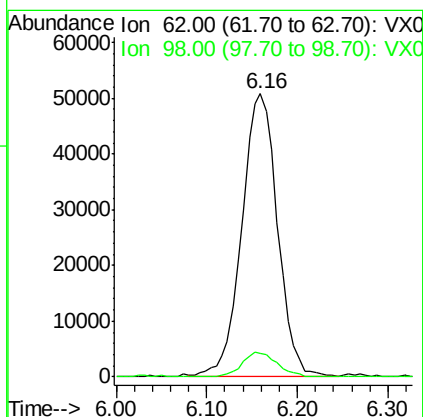
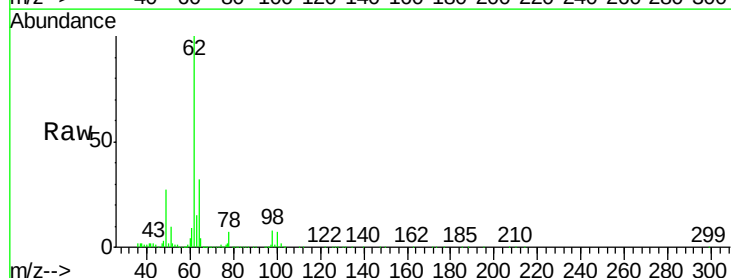
Manual Integrations
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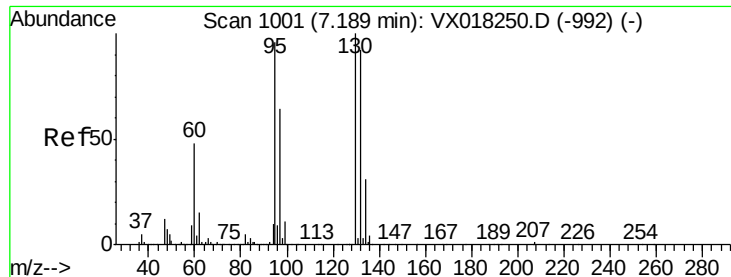
MMDadoda
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#36
1,2-Dichloroethane
Concen: 18.666 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.6	0.0	0.0#	





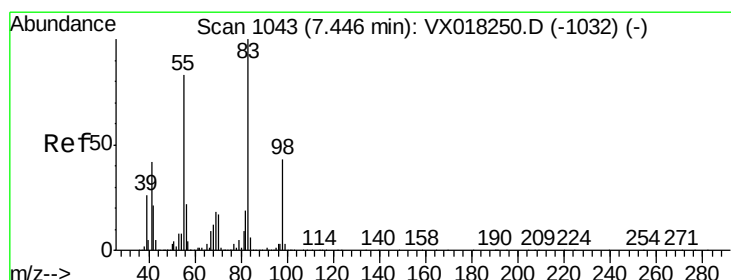
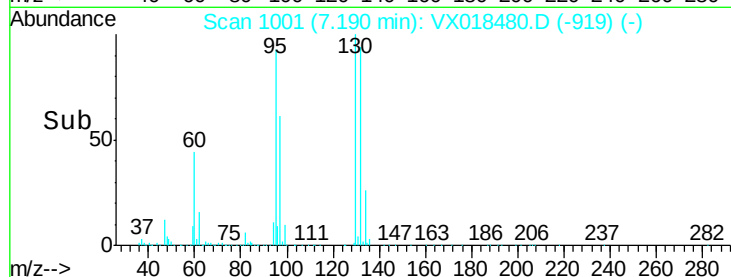
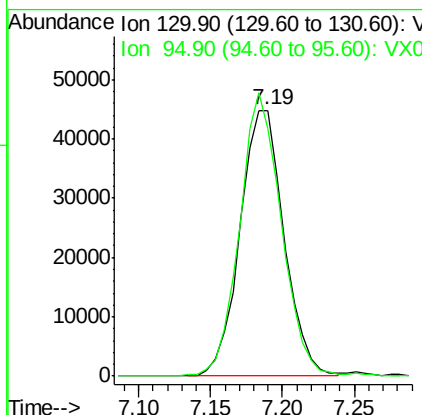
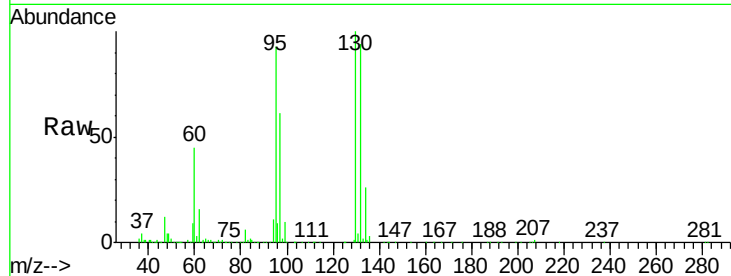
#37
 Trichloroethene
 Concen: 18.402 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX018480.D
 Acq: 18 Sep 2020 09:53

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC020

Tot Ion:130 Resp: 94924
 Ion Ratio Lower Upper
 130 100
 95 92.8 76.9 115.3

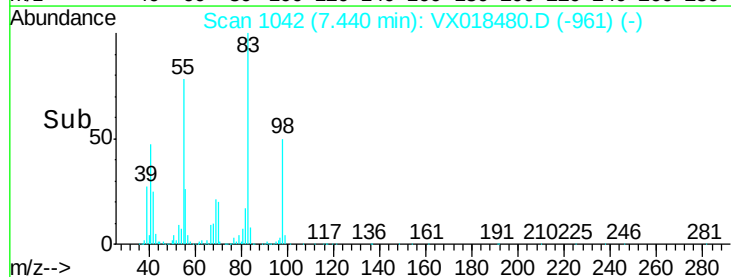
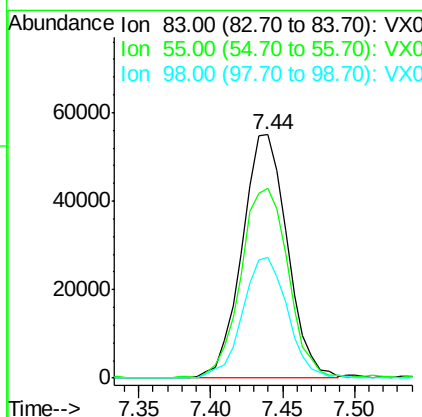
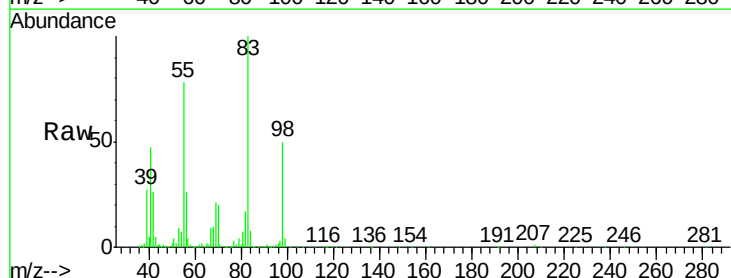
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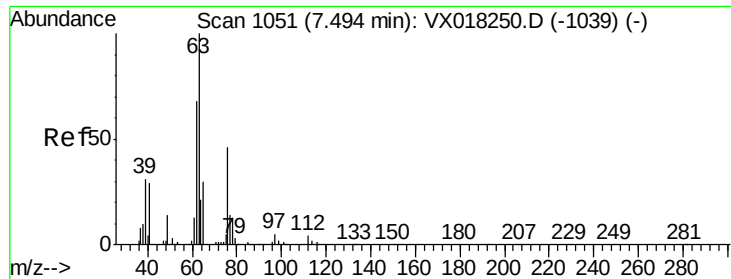
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 9/21/2020 11:50:39 AM



#38
 Methylcyclohexane
 Concen: 17.996 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX018480.D
 Acq: 18 Sep 2020 09:53

Tgt Ion: 83 Resp: 119790
 Ion Ratio Lower Upper
 83 100
 55 80.2 41.1 123.4
 98 49.0 24.0 72.0





#39

1,2-Dichloropropane

Concen: 17.554 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 63 Resp: 83871

Ion Ratio Lower Upper

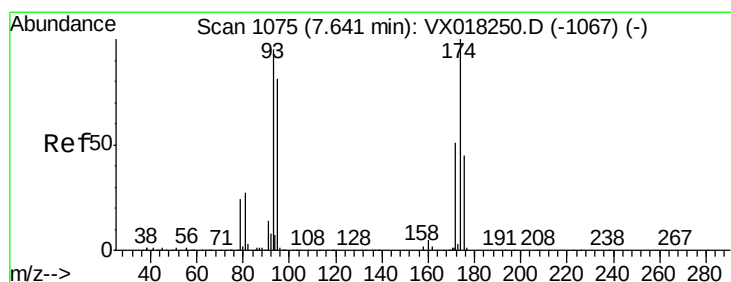
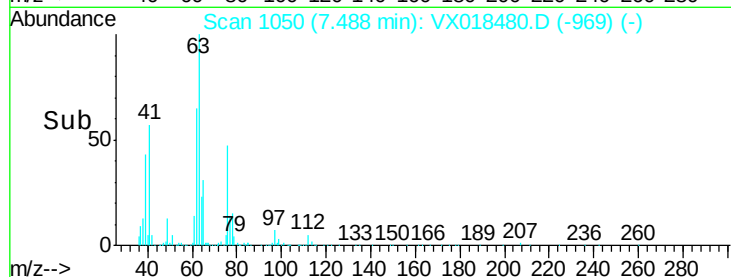
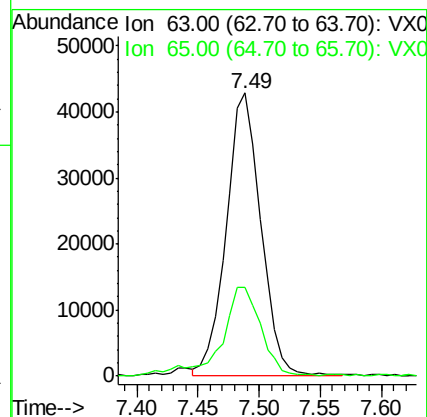
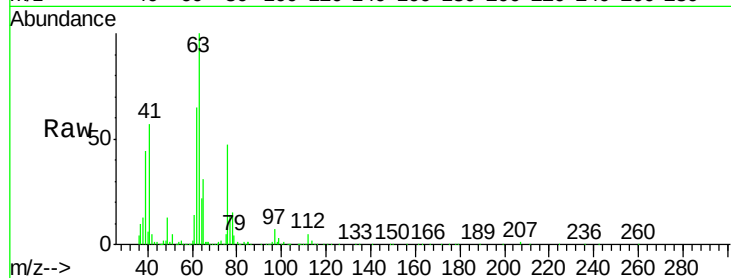
63 100

65 30.9 25.7 38.5

Manual Integrations
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#40

Dibromomethane

Concen: 17.747 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

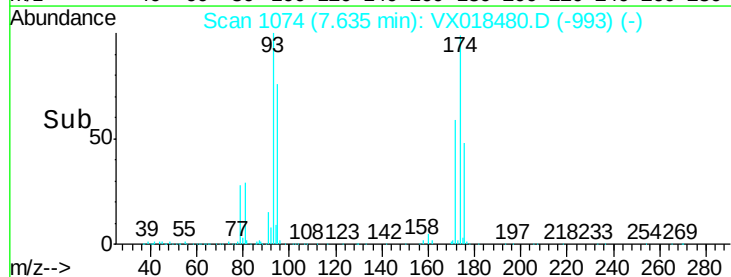
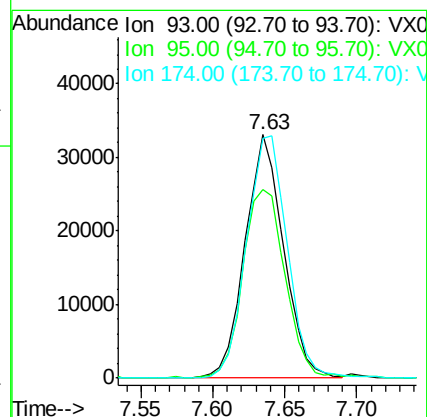
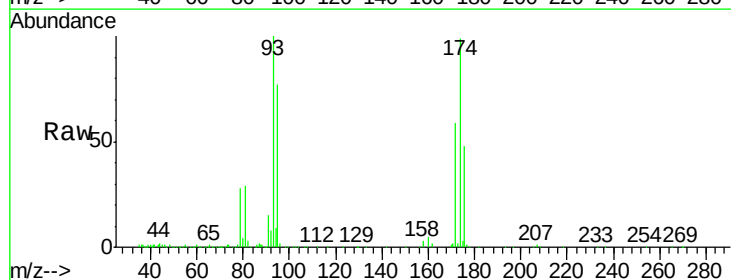
Tgt Ion: 93 Resp: 61232

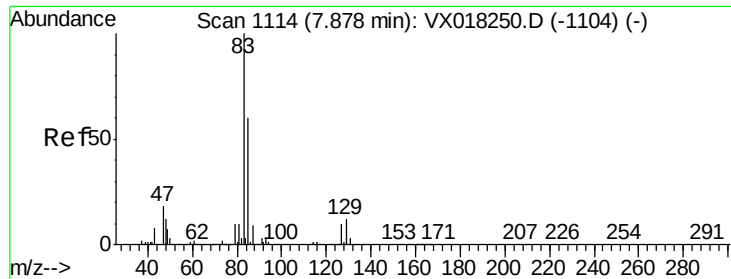
Ion Ratio Lower Upper

93 100

95 83.6 0.0 167.0

174 105.2 0.0 202.0





#41

Bromodichloromethane

Concen: 18.237 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Instrument :

MSVOA_X

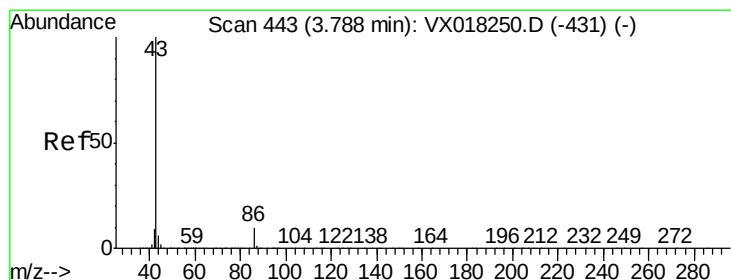
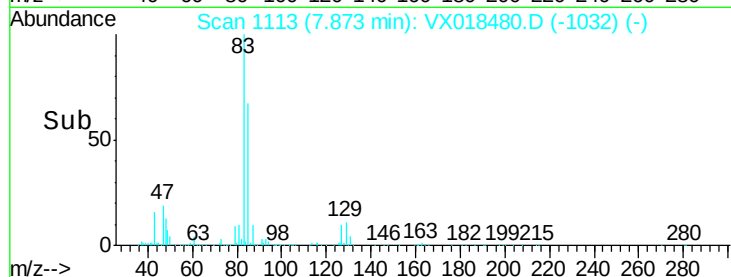
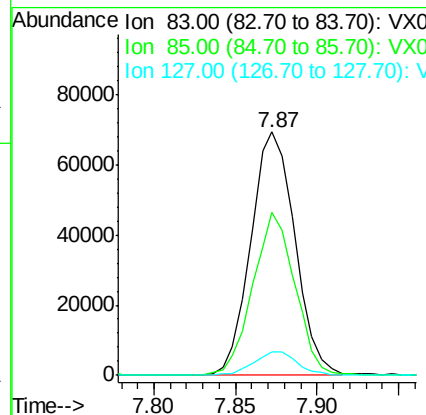
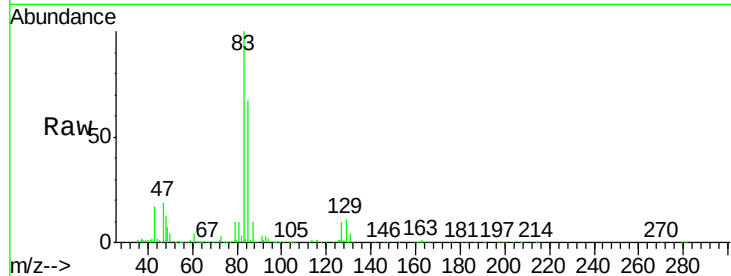
ClientSampleId :

VSTDCCC020

Tot Ion:	83	Resp:	130409
Ion Ratio	Lower	Upper	
83	100		
85	66.9	48.2	72.2
127	9.7	8.0	12.0

Manual Integrations
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#42

Vinyl Acetate

Concen: 90.055 ug/l

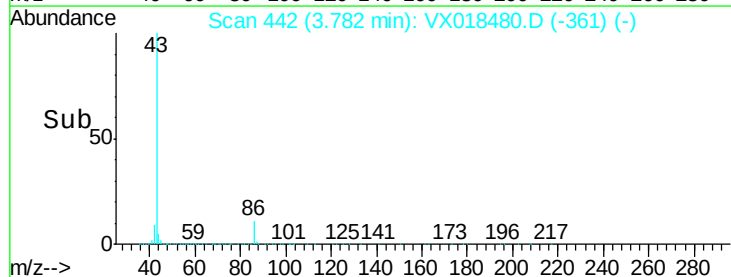
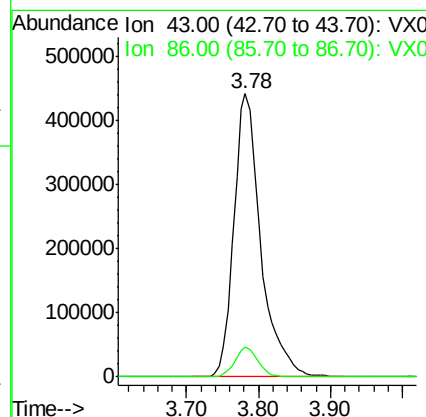
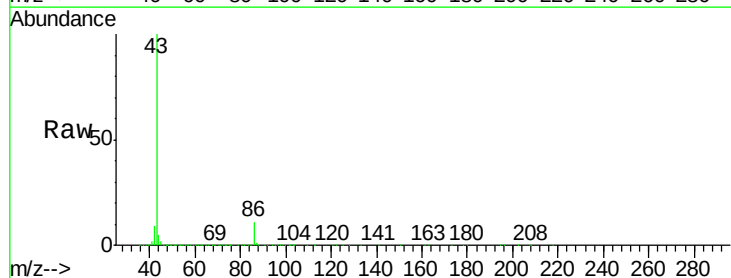
RT: 3.78 min Scan# 442

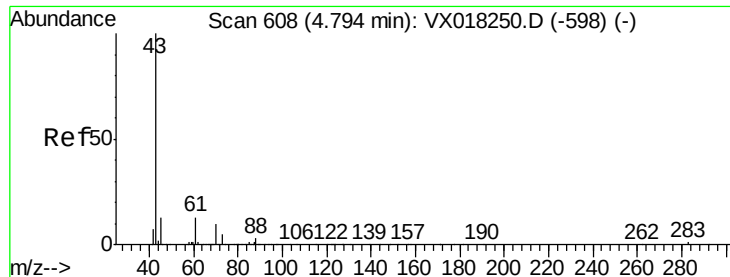
Delta R.T. -0.01 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Tgt Ion:	43	Resp:	1149642
Ion Ratio	Lower	Upper	
43	100		
86	9.0	7.2	10.8





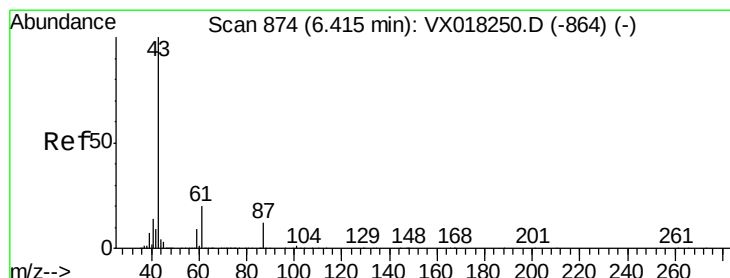
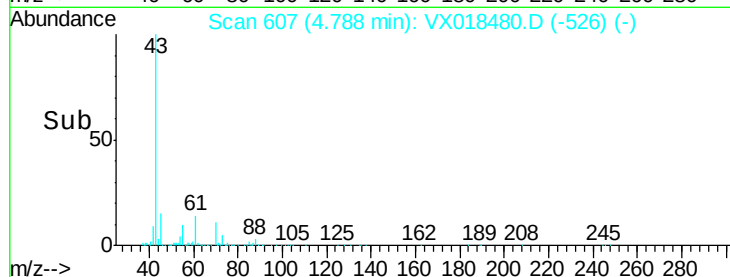
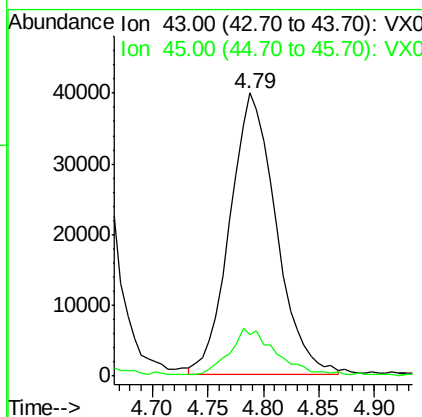
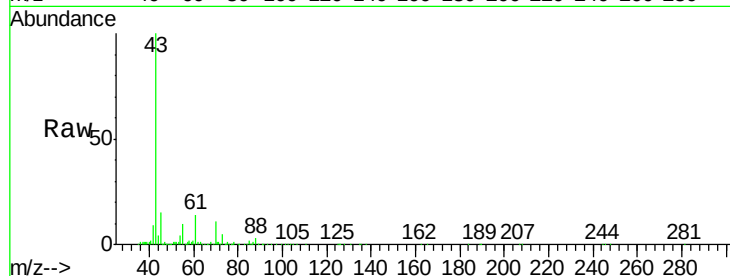
#43
Ethyl Acetate
Concen: 16.832 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	43	Ratio	Lower	Upper
114522	100			
45	15.5	11.2	16.8	

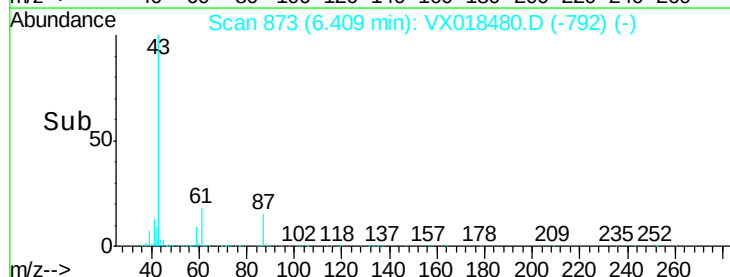
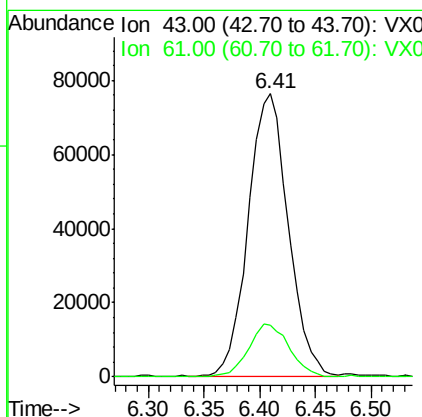
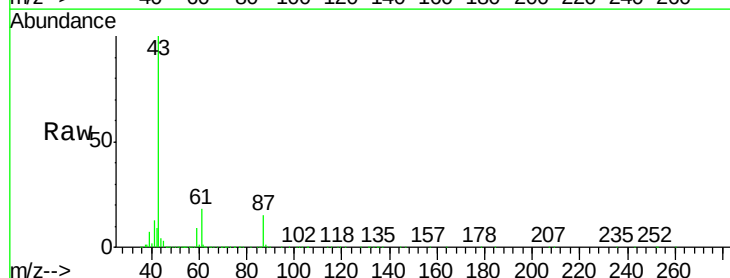
Manual Integrations
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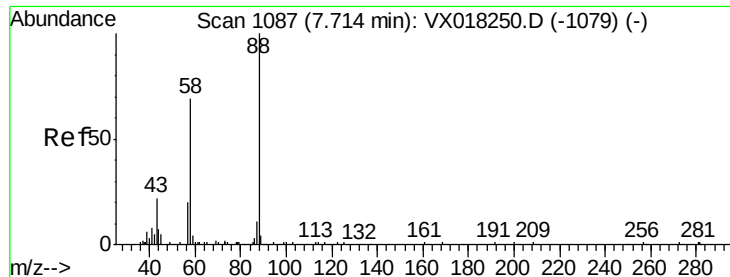
MMDadoda
9/21/2020 11:50:39 AM



#44
Isopropyl Acetate
Concen: 17.497 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

Tgt Ion	43	Ratio	Lower	Upper
191860	100			
61	18.9	14.6	22.0	





#45

1,4-Dioxane

Concen: 388.779 ug/l

RT: 7.71 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Instrument :

MSVOA_X

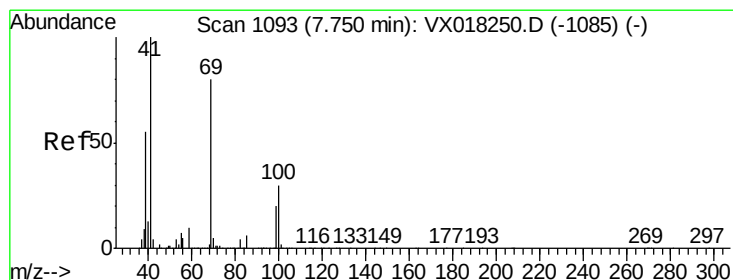
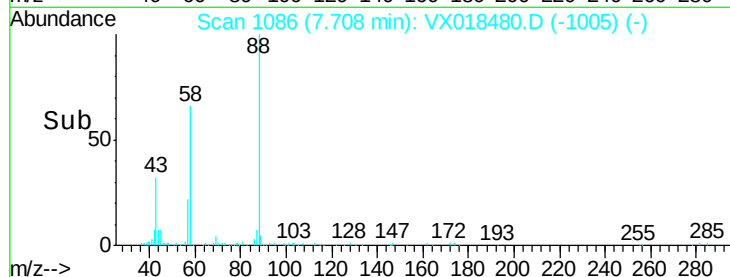
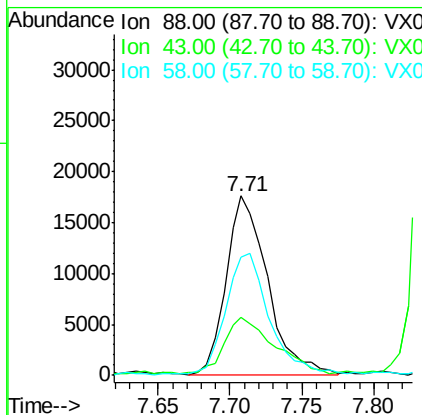
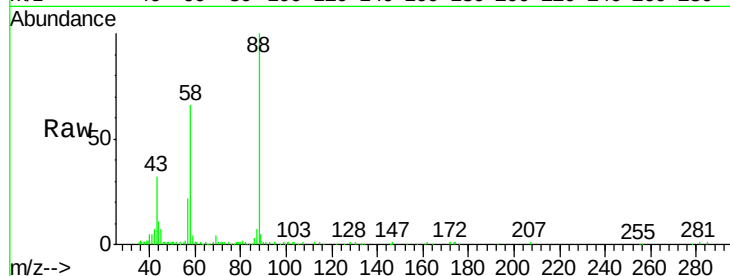
ClientSampleId :

VSTDCCC020

Tot Ion:	88	Resp:	35614
Ion	Ratio	Lower	Upper
88	100		
43	37.4	13.6	20.4#
58	71.5	58.2	87.4

Manual Integrations
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9/21/2020 11:50:39 AM



#46

Methyl methacrylate

Concen: 17.082 ug/l

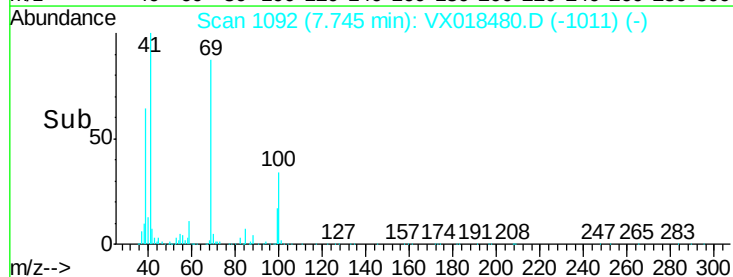
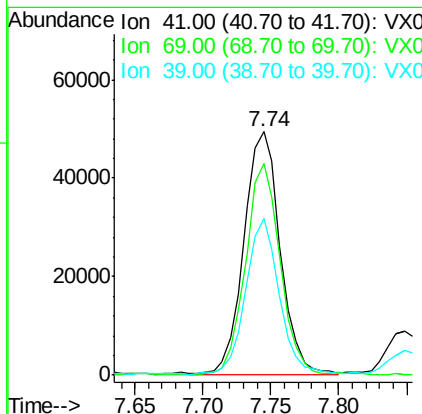
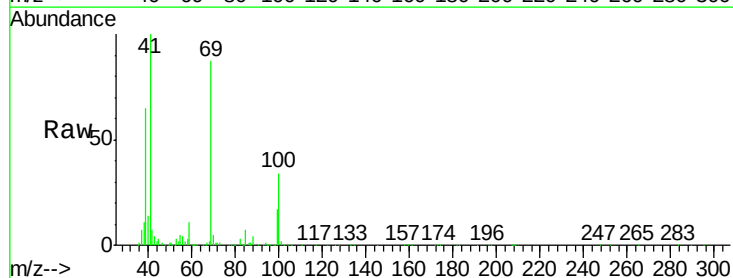
RT: 7.74 min Scan# 1092

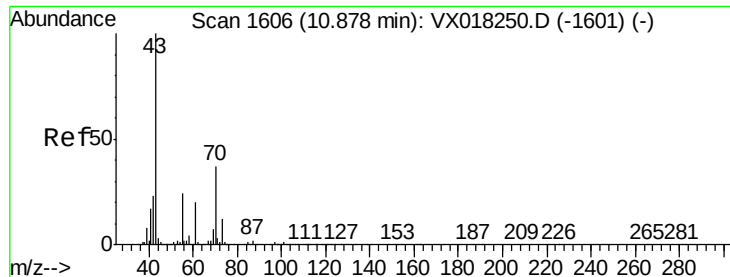
Delta R.T. -0.01 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Tgt Ion:	41	Resp:	92187
Ion	Ratio	Lower	Upper
41	100		
69	87.1	40.3	120.8
39	64.6	27.3	81.9





#47

n-amvl Acetate

Concen: 16.343 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

Tot Ion: 43 Resp: 157468

Ion Ratio Lower Upper

43 100

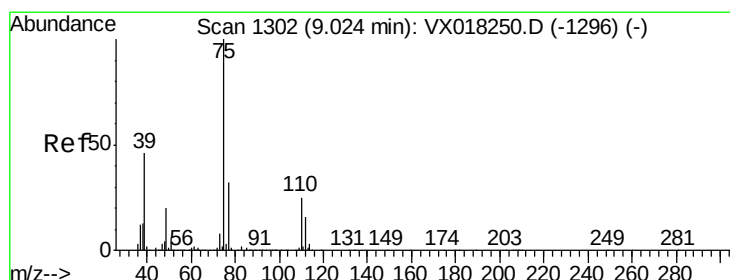
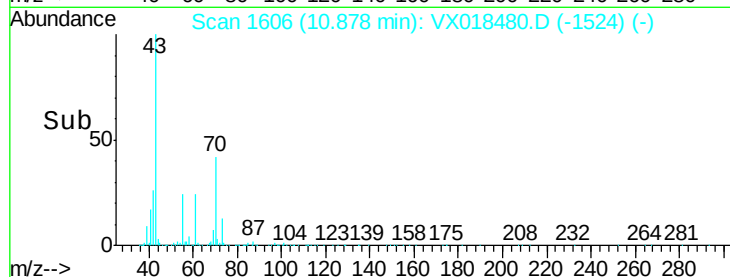
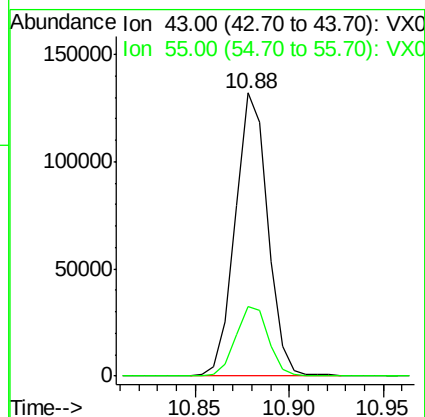
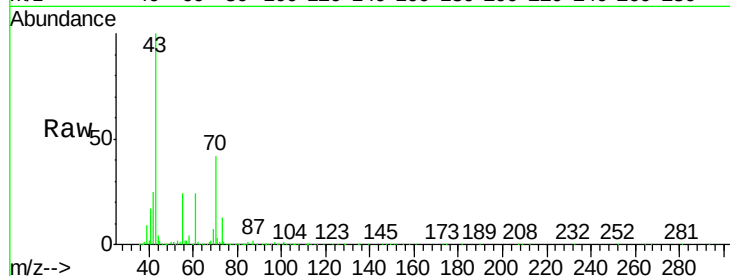
55 24.8 18.9 28.3

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 18.460 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX018480.D

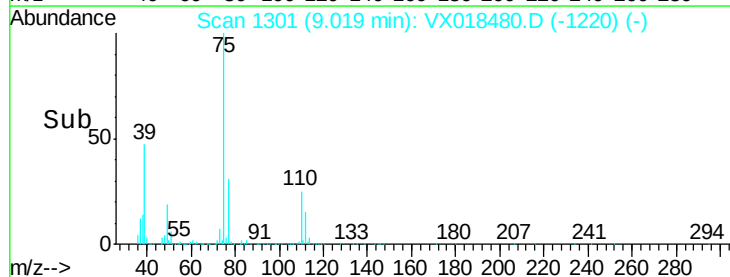
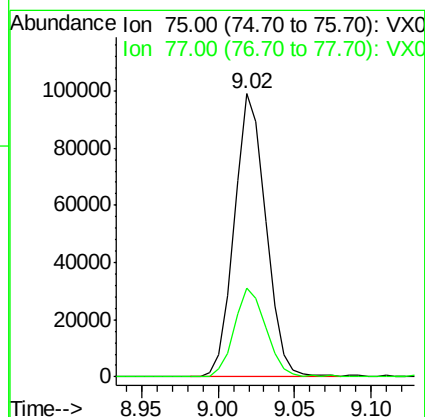
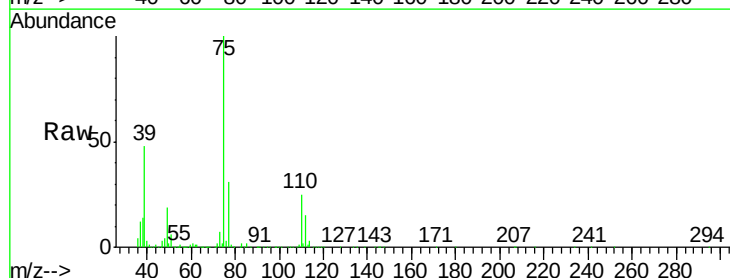
Acq: 18 Sep 2020 09:53

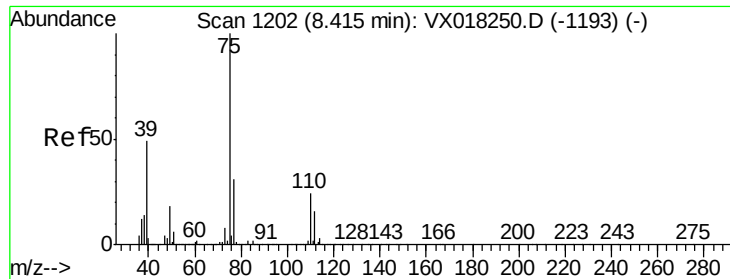
Tgt Ion: 75 Resp: 141796

Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.2





#49

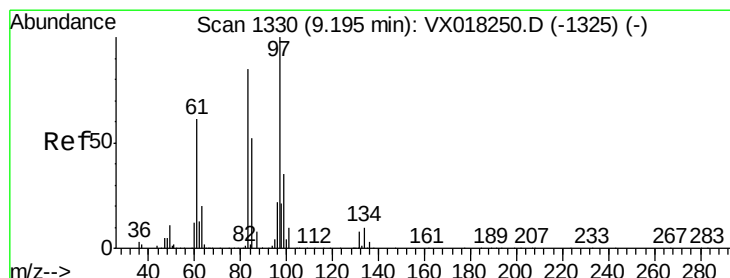
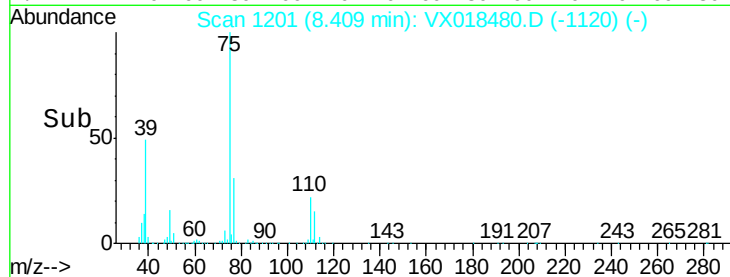
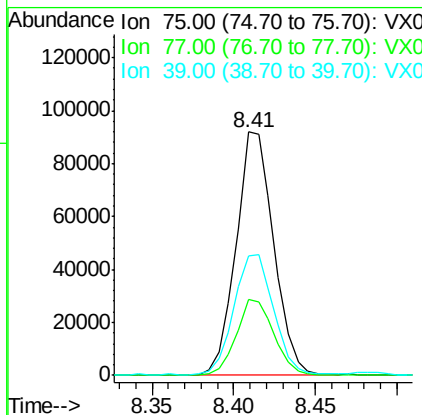
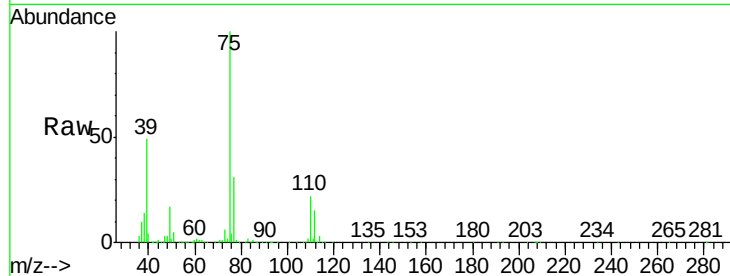
cis-1,3-Dichloropropene
 Concen: 18.386 ug/l
 RT: 8.41 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: VX018480.D
 Acq: 18 Sep 2020 09:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.9	24.7	37.1
39	48.7	39.6	59.4

Manual Integrations
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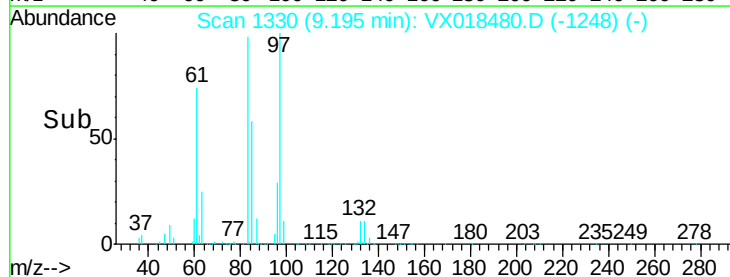
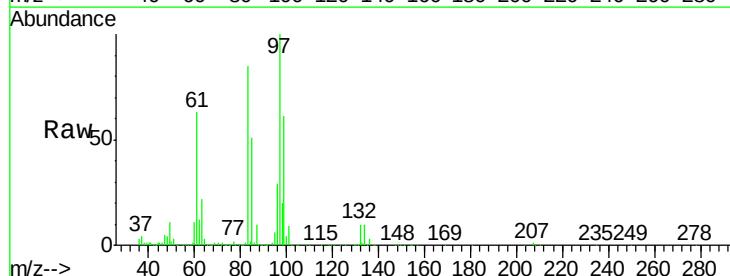
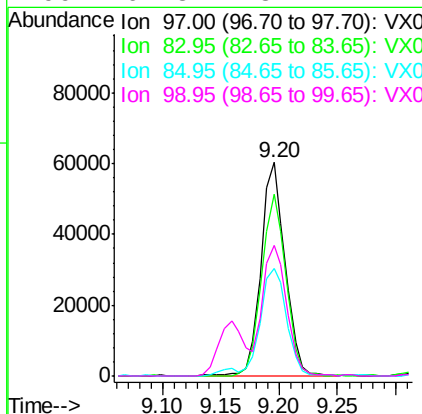
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 9/21/2020 11:50:39 AM

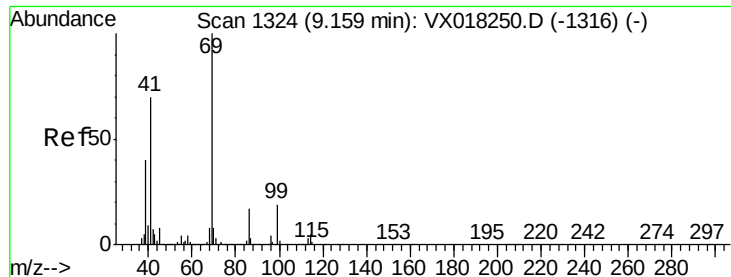


#50

1,1,2-Trichloroethane
 Concen: 18.010 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018480.D
 Acq: 18 Sep 2020 09:53

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.3	68.1	102.1
85	50.5	42.6	64.0
99	61.3	48.2	72.2





#51

Ethyl methacrylate

Concen: 17.311 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Instrument :

MSVOA_X

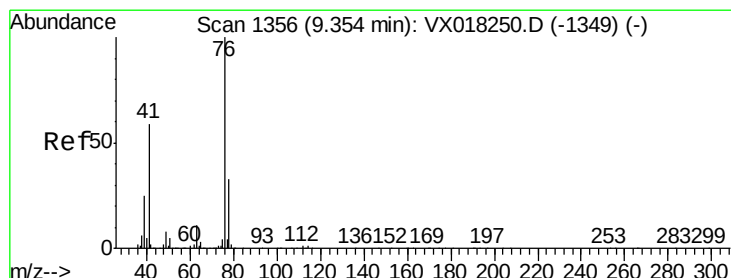
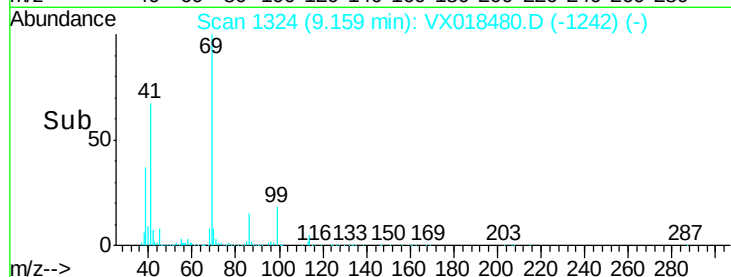
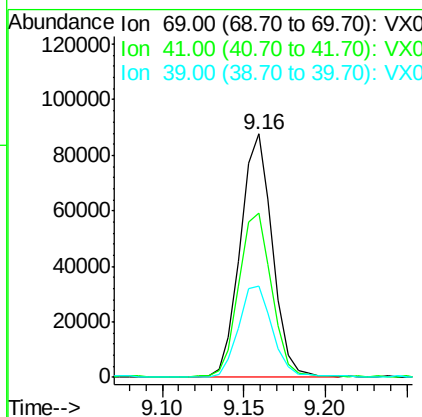
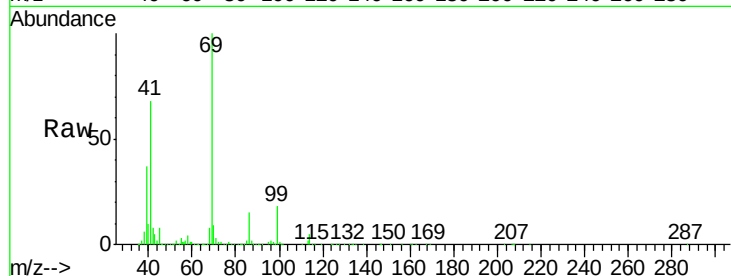
ClientSampleId :

VSTDCCC020

Tot Ion:	69	Resp:	120564
Ion	Ratio	Lower	Upper
69	100		
41	67.5	34.9	104.7
39	37.1	19.8	59.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 17.720 ug/l

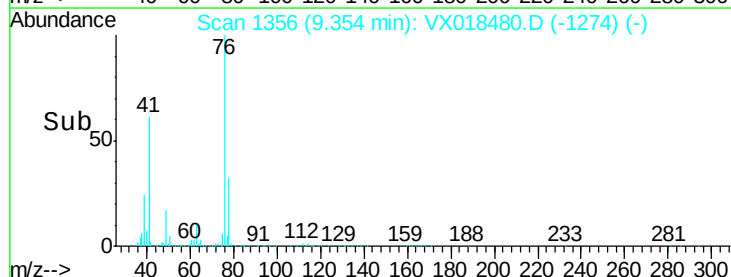
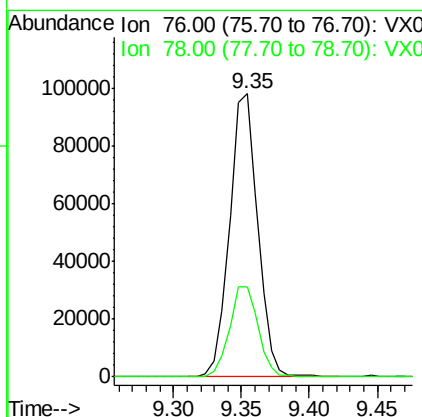
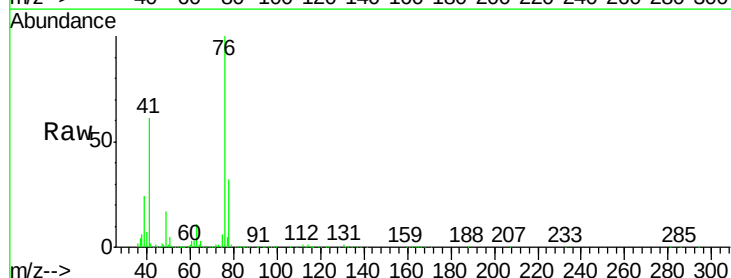
RT: 9.35 min Scan# 1356

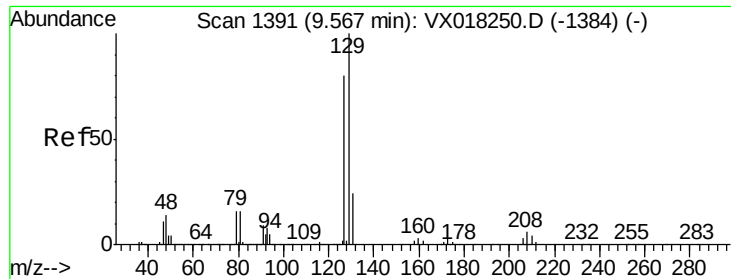
Delta R.T. 0.00 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Tgt Ion:	76	Resp:	141399
Ion	Ratio	Lower	Upper
76	100		
78	32.4	0.0	62.2





#53

Dibromochloromethane

Concen: 17.127 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:129 Resp: 102380

Ion Ratio Lower Upper

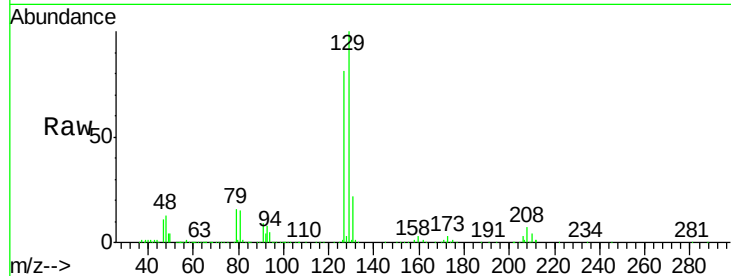
129 100

127 80.5 38.9 116.6

Manual Integrations
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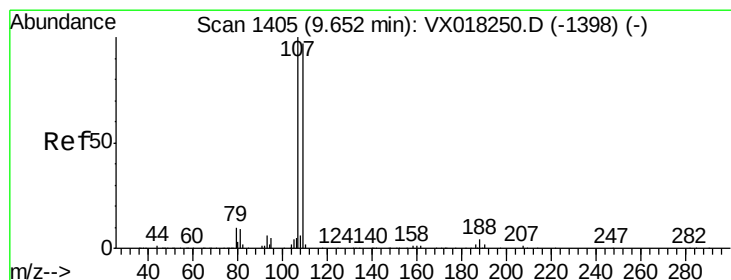
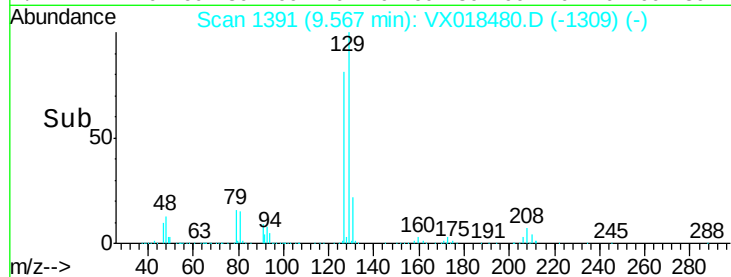
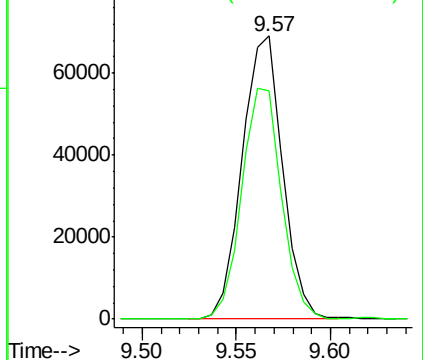
MMDadoda

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 17.742 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018480.D

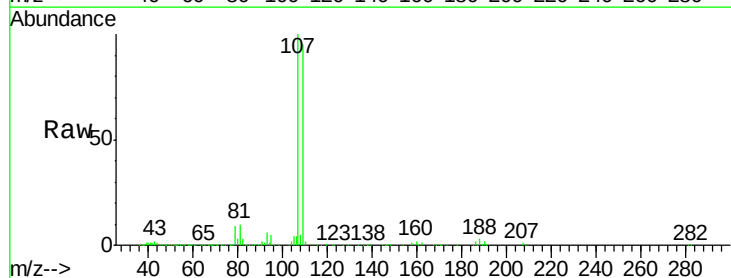
Acq: 18 Sep 2020 09:53

Tgt Ion:107 Resp: 93575

Ion Ratio Lower Upper

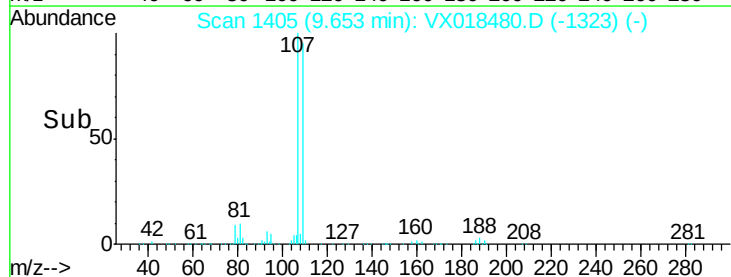
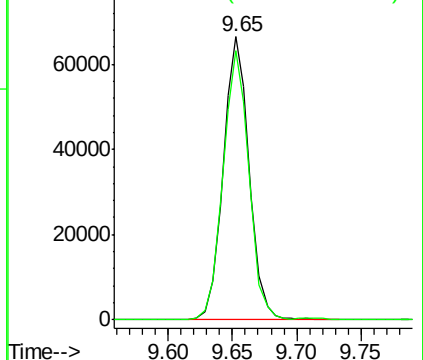
107 100

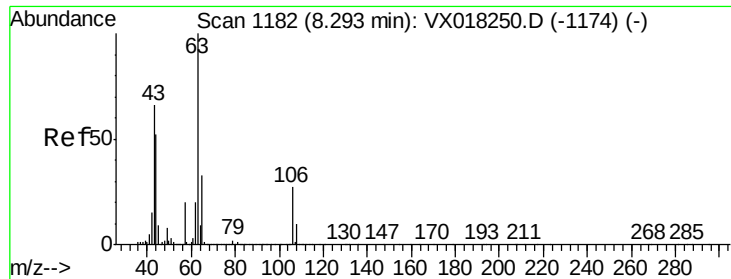
109 95.3 77.8 116.6



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: 92.794 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Instrument :

MSVOA_X

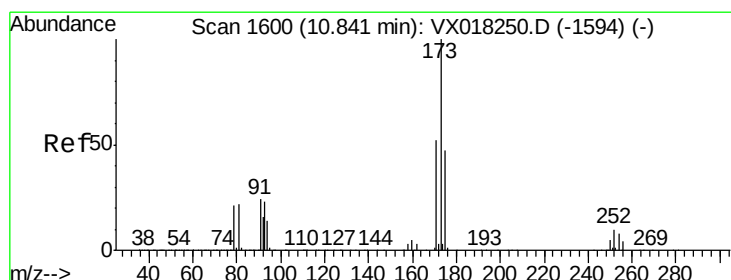
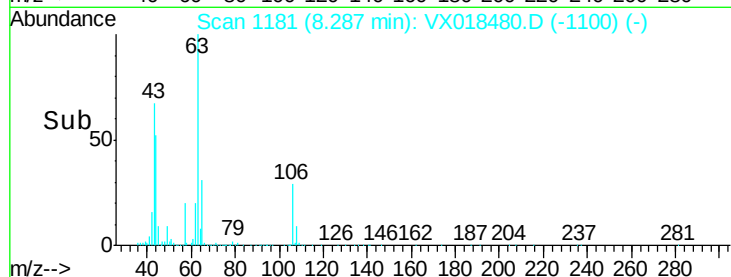
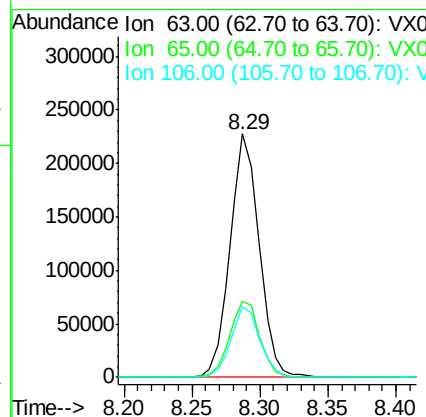
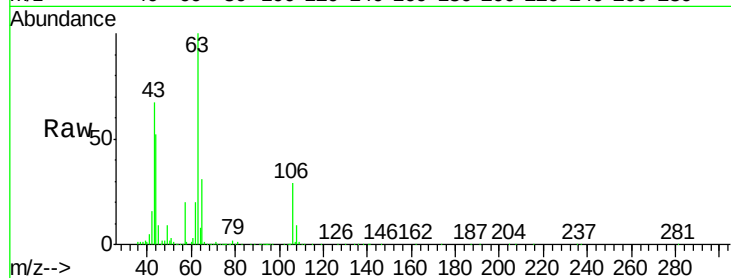
ClientSampleId :

VSTDCCC020

Tot Ion:	63	Resp:	337472
Ion Ratio	Lower	Upper	
63	100		
65	32.3	26.0	39.0
106	28.8	22.3	33.5

Manual Integrations
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#56

Bromoform

Concen: 16.423 ug/l

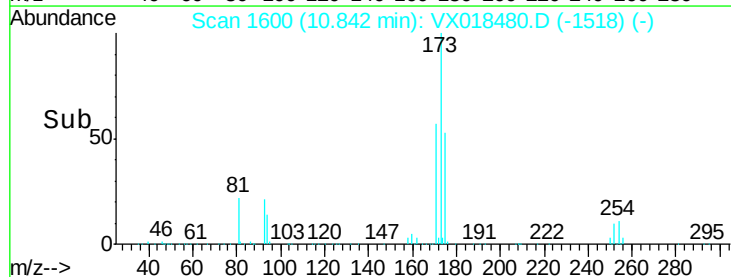
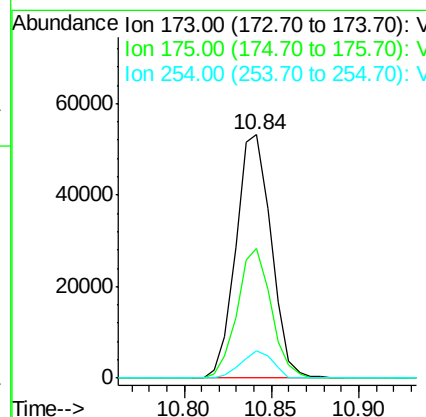
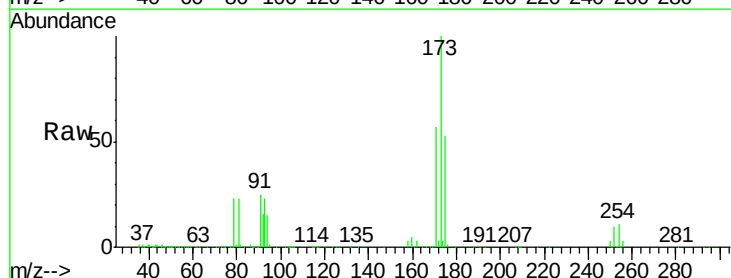
RT: 10.84 min Scan# 1600

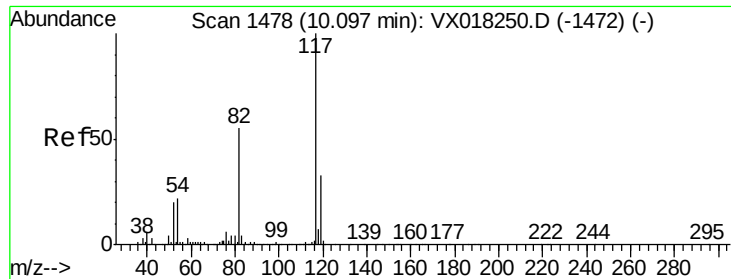
Delta R.T. 0.00 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Tgt Ion:	173	Resp:	74590
Ion Ratio	Lower	Upper	
173	100		
175	51.2	40.2	60.2
254	9.9	7.3	10.9





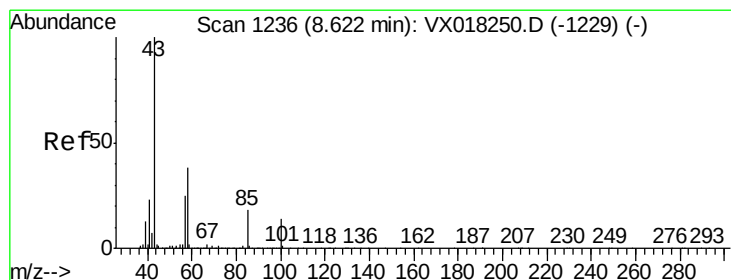
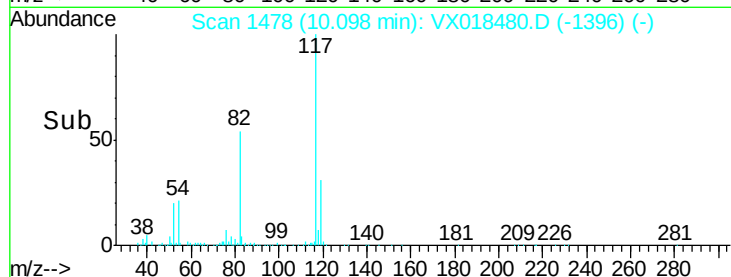
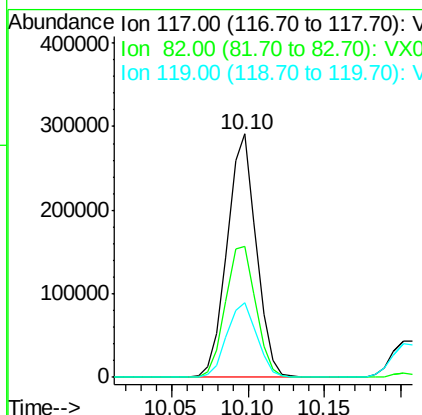
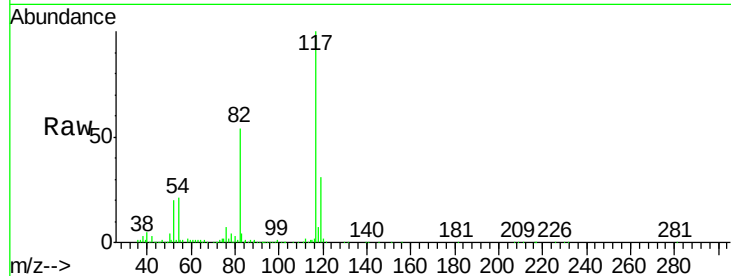
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
117	100	384962		
82	56.2		44.2	66.4
119	31.7		26.1	39.1

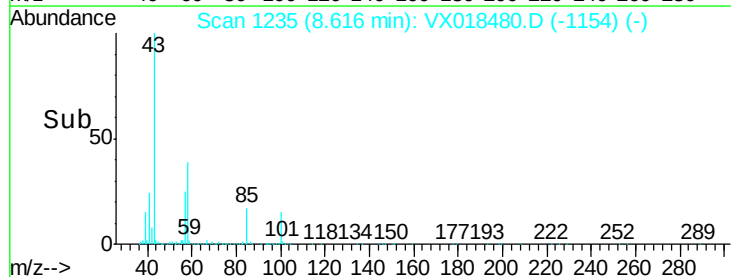
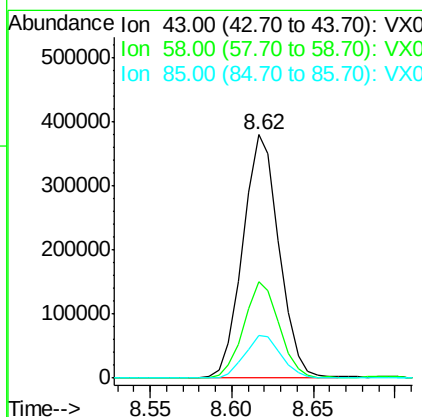
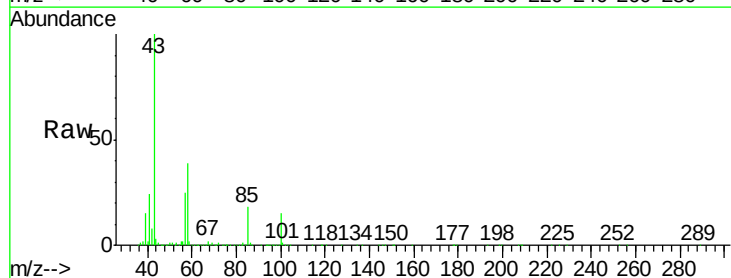
Manual Integrations
APPROVED

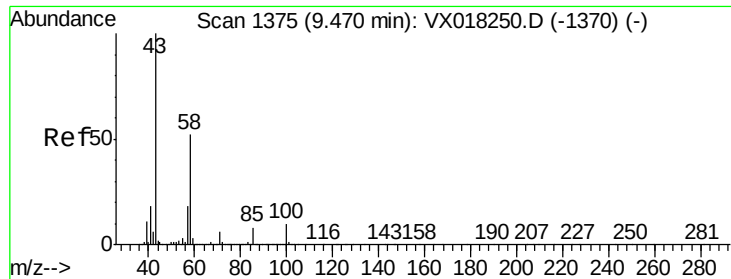
MMDadoda
9/21/2020 11:50:39 AM



#58
4-Methyl-2-Pentanone
Concen: 88.905 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	588662		
58	38.8		30.0	45.0
85	17.8		14.2	21.4





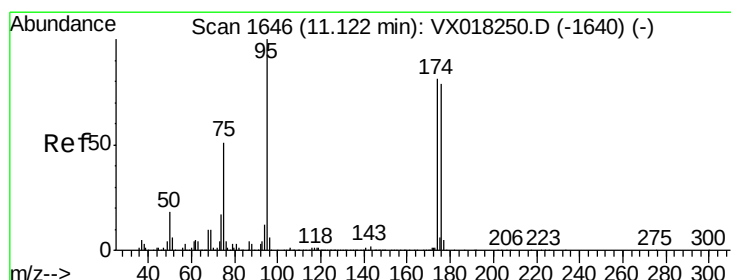
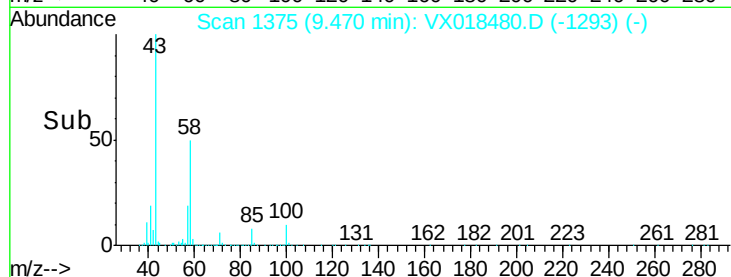
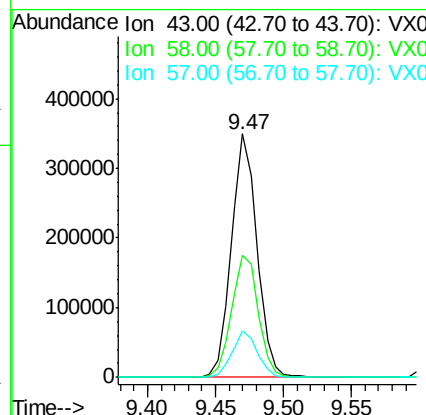
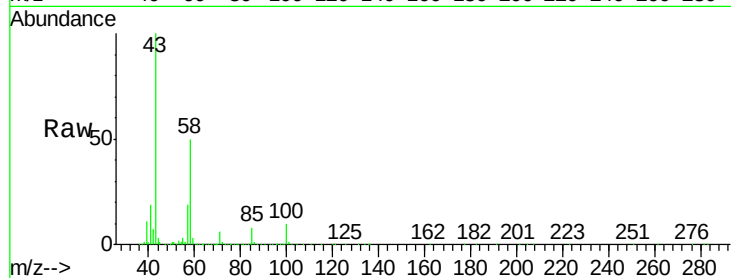
#59
2-Hexanone
Concen: 90.809 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.3	42.5	63.7
57	19.1	14.8	22.2

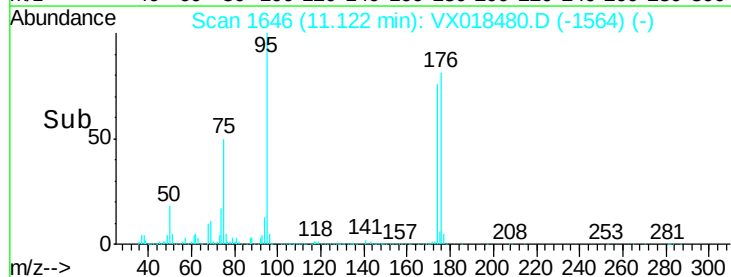
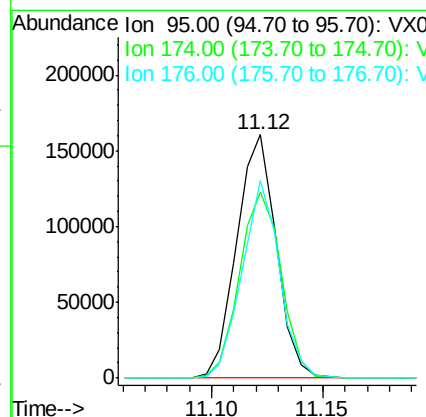
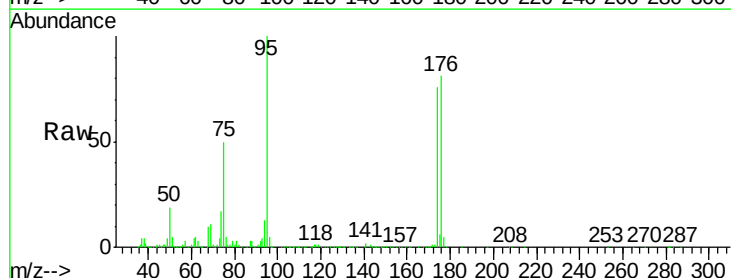
Manual Integrations
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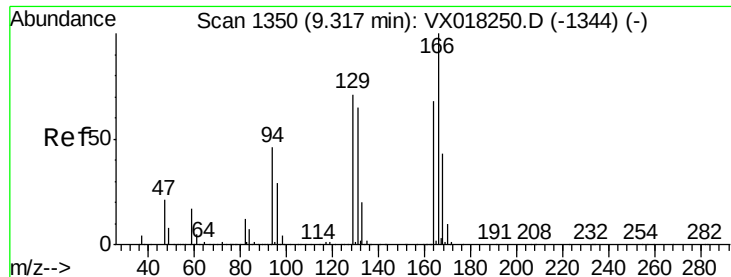
MMDadoda
9/21/2020 11:50:39 AM



#60
4-Bromofluorobenzene
Concen: 29.796 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.4	64.2	96.4
176	77.5	62.2	93.4





#61

Tetrachloroethene

Concen: 20.330 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:164 Resp: 97608

Ion Ratio Lower Upper

164 100

166 124.3 117.4 176.0

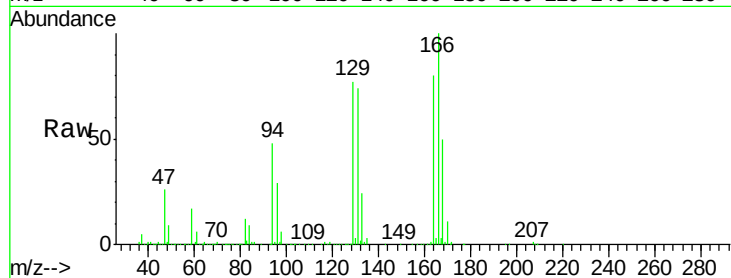
129 96.1 82.7 124.1

131 92.0 76.7 115.1

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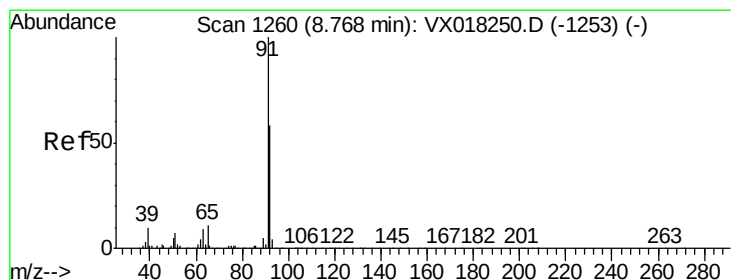
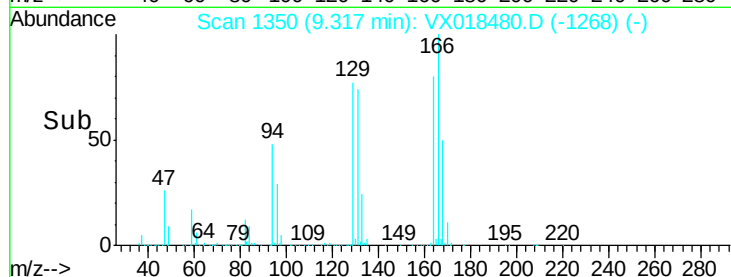
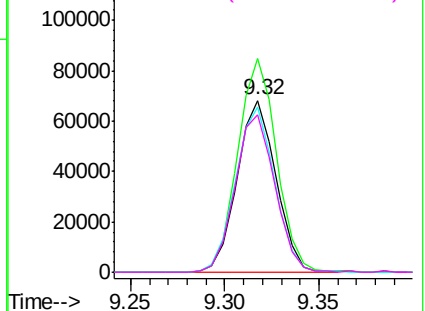


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 18.707 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018480.D

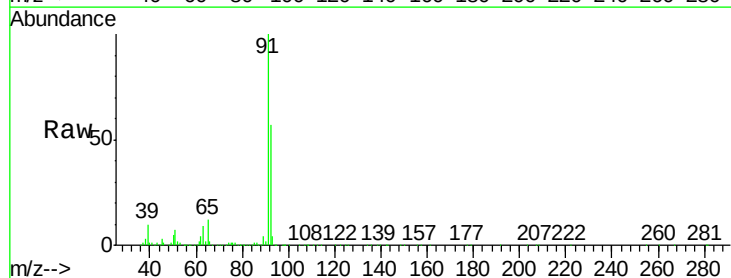
Acq: 18 Sep 2020 09:53

Tgt Ion: 91 Resp: 362424

Ion Ratio Lower Upper

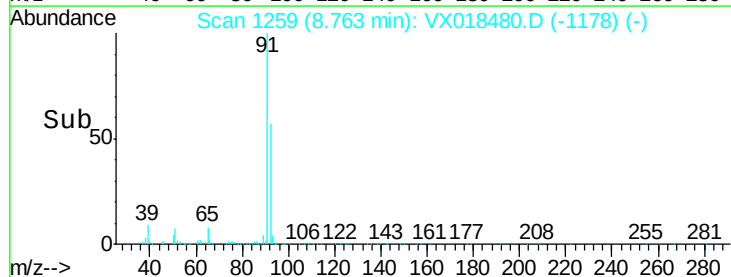
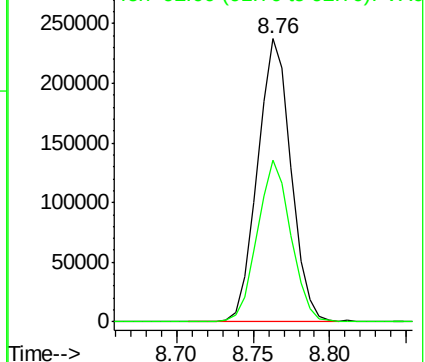
91 100

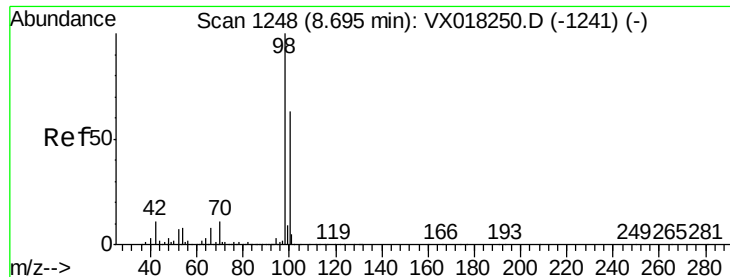
92 57.2 46.9 70.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.623 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 98 Resp: 519607

Ion Ratio Lower Upper

98 100

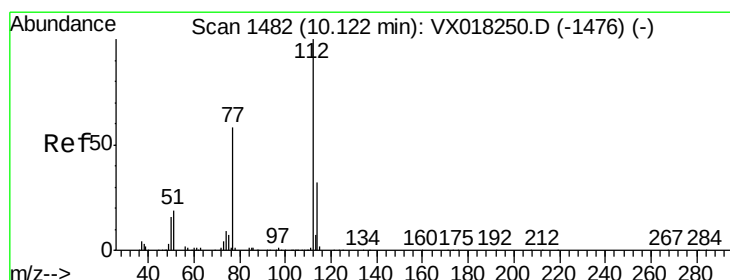
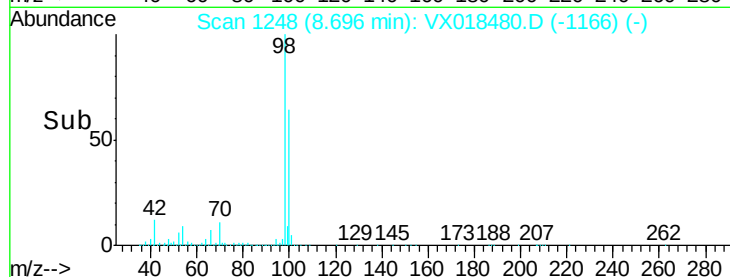
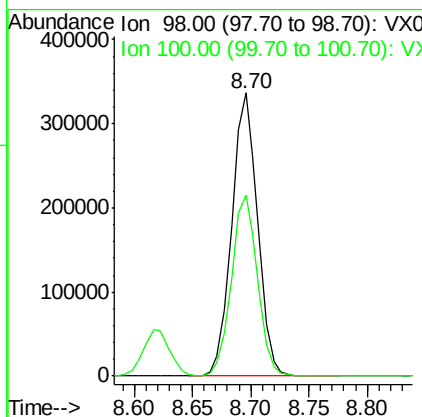
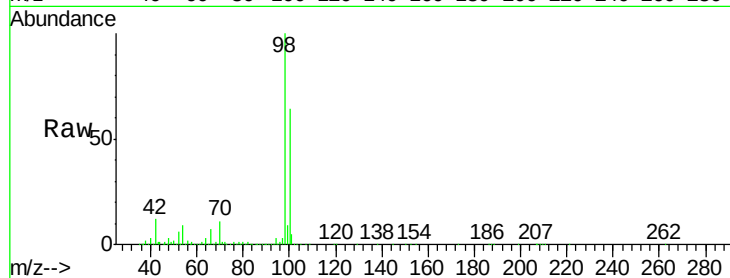
100 64.2 51.4 77.0

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#64

Chlorobenzene

Concen: 18.636 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018480.D

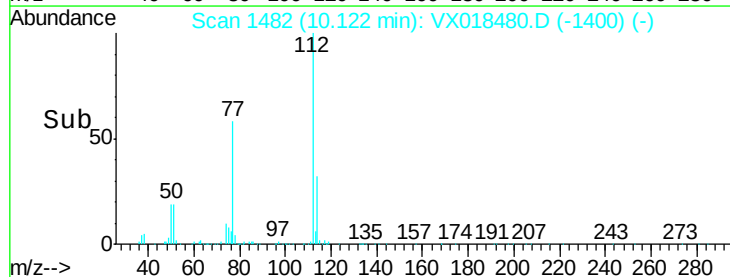
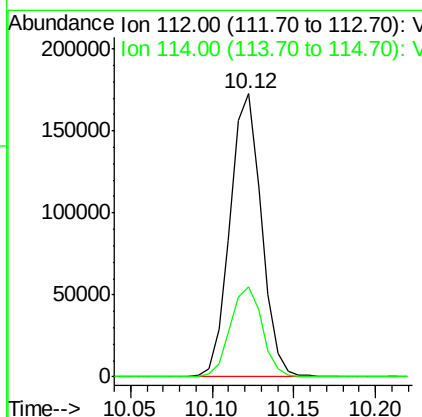
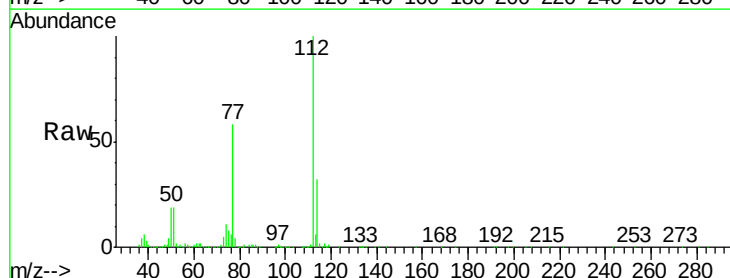
Acq: 18 Sep 2020 09:53

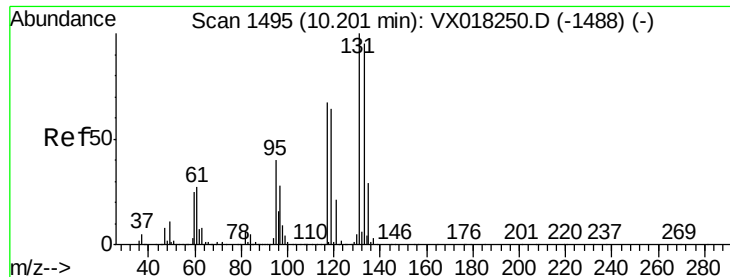
Tgt Ion: 112 Resp: 232015

Ion Ratio Lower Upper

112 100

114 31.9 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 18.088 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Instrument :

MSVOA_X

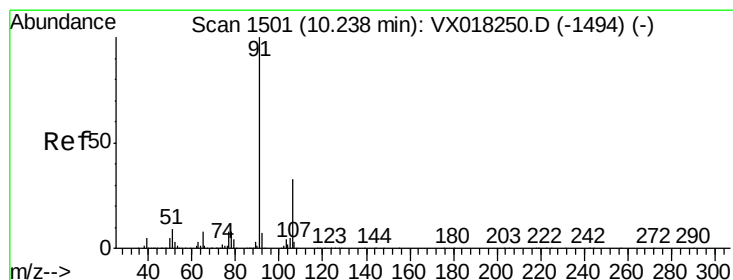
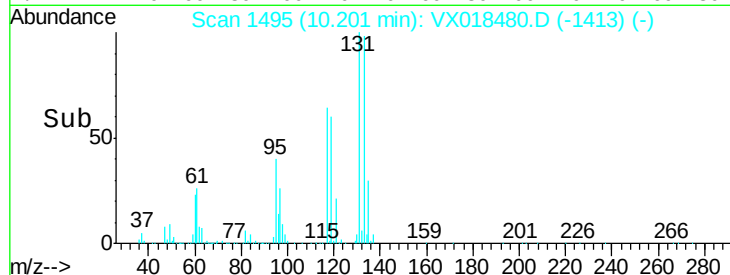
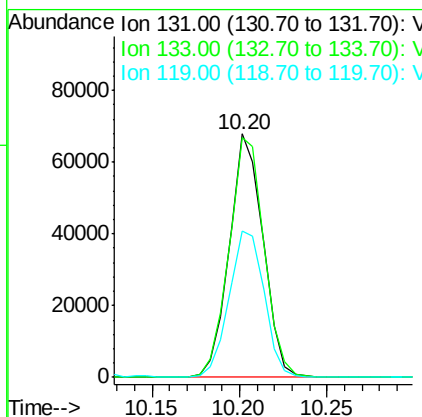
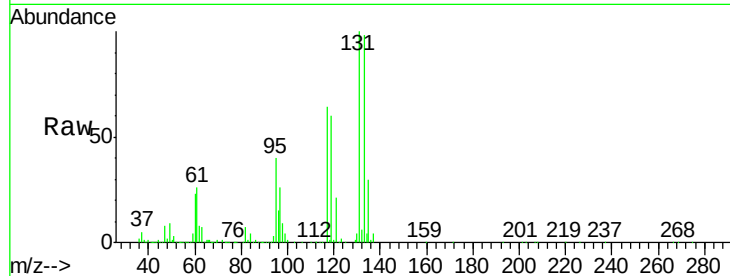
ClientSampleId :

VSTDCCC020

Tot Ion:	131	Resp:	91204
Ion Ratio	Lower	Upper	
131	100		
133	101.8	0.0	197.2
119	62.4	0.0	129.8

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#66

Ethyl Benzene

Concen: 18.065 ug/l

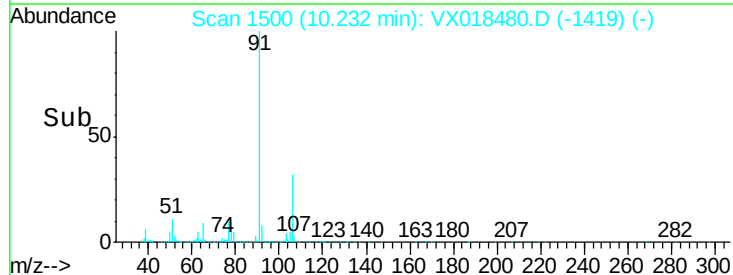
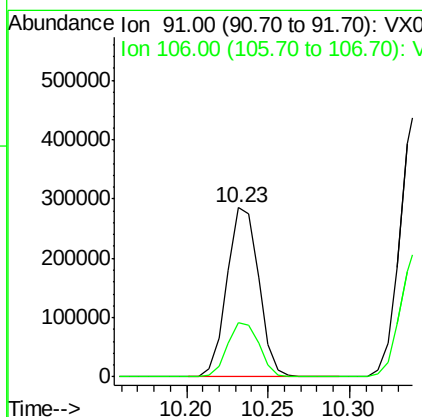
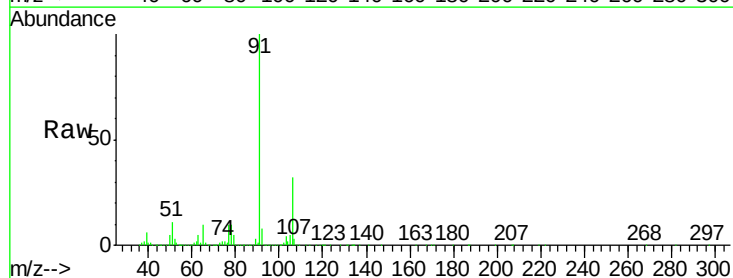
RT: 10.23 min Scan# 1500

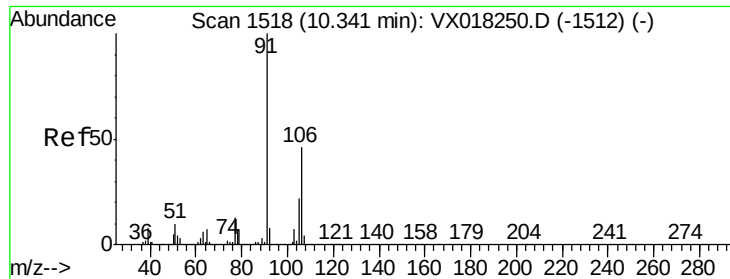
Delta R.T. -0.01 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Tgt Ion:	91	Resp:	386730
Ion Ratio	Lower	Upper	
91	100		
106	32.4	26.3	39.5





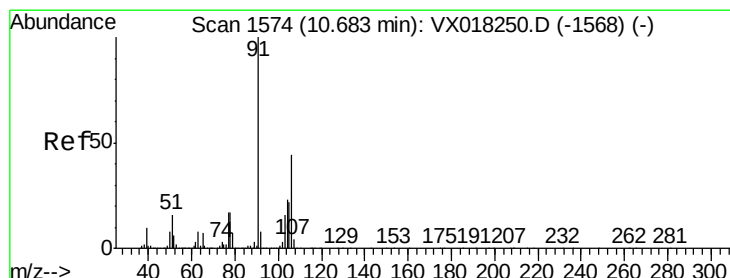
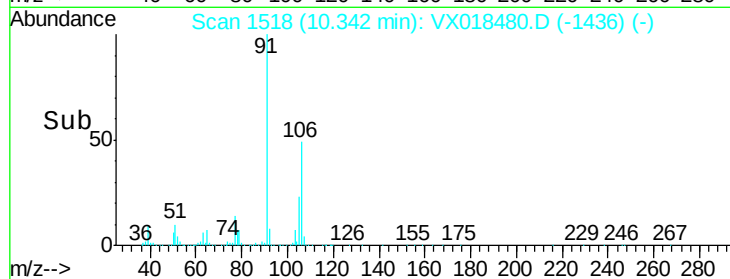
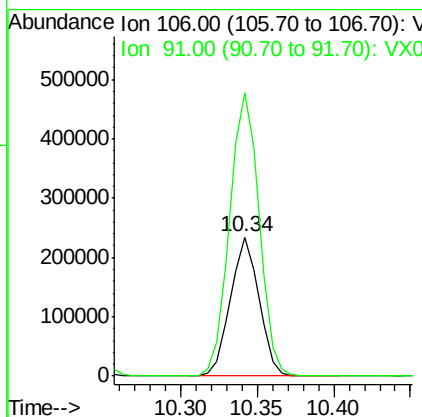
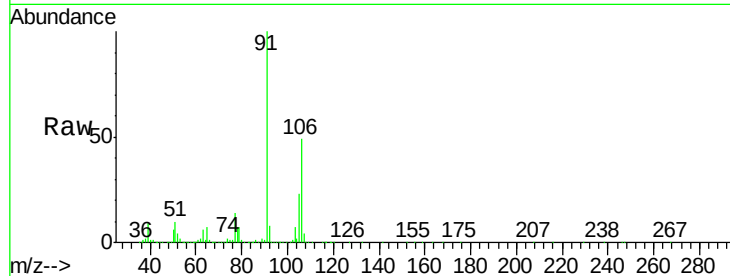
#67
m/p-Xylenes
Concen: 37.147 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
106	100		
91	209.8	166.2	249.2

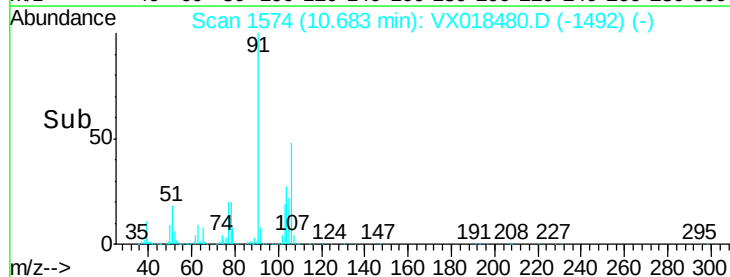
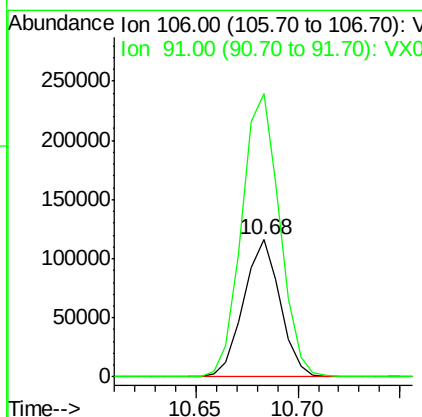
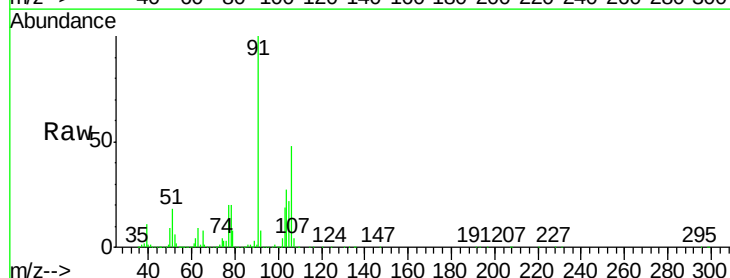
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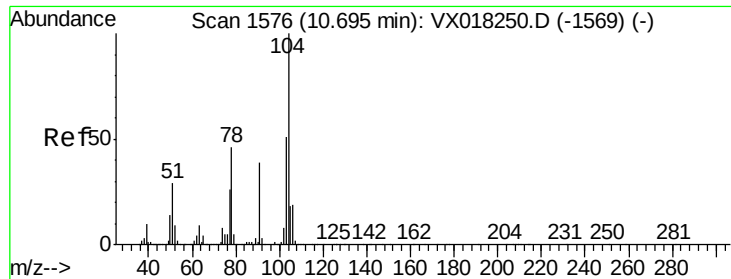
MMDadoda
9/21/2020 11:50:39 AM



#68
o-Xylene
Concen: 18.745 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

Tgt Ion	Ratio	Lower	Upper
106	100		
91	212.9	109.2	327.6





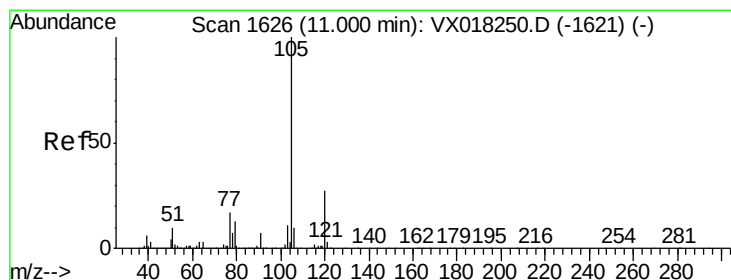
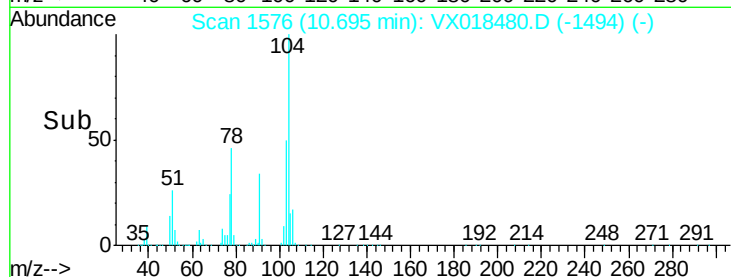
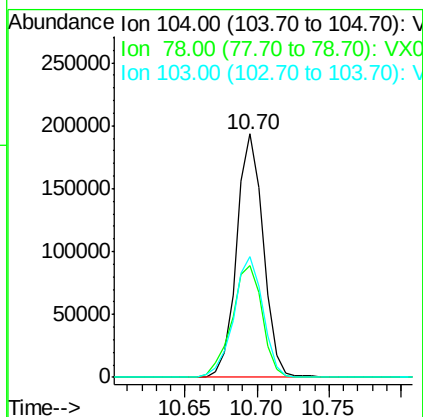
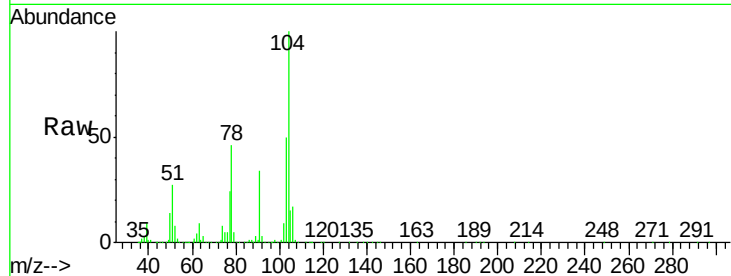
#69
Stvrene
Concen: 18.507 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
104	100		
78	52.6	41.7	62.5
103	54.5	44.2	66.2

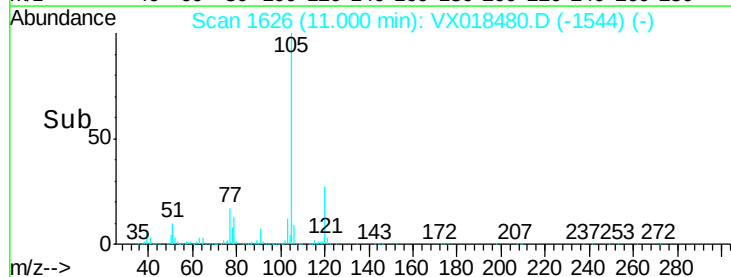
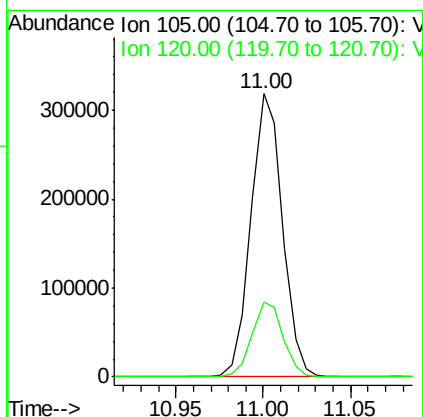
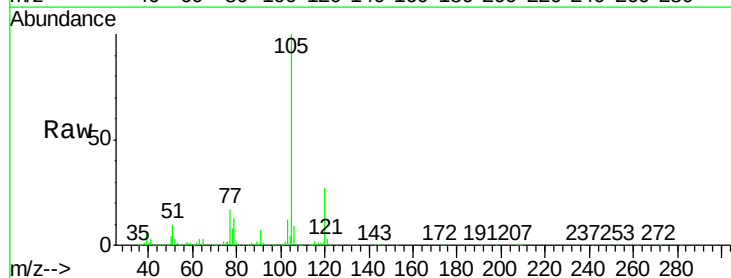
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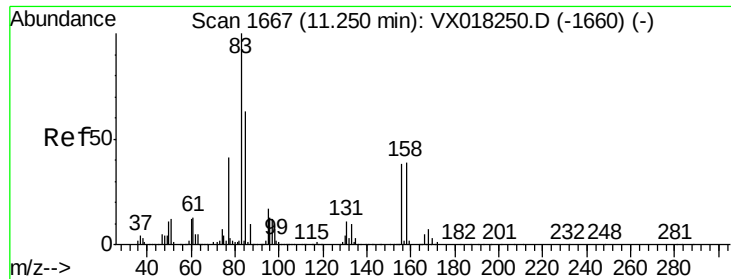
MMDadoda
9/21/2020 11:50:39 AM



#70
Isopropylbenzene
Concen: 18.526 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.3	18.7	34.7





#71

1,1,2,2-Tetrachloroethane

Concen: 17.946 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Instrument :

MSVOA_X

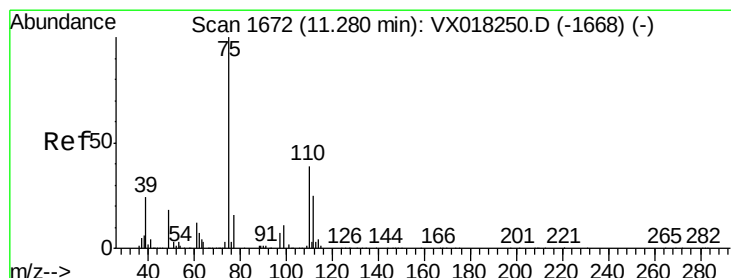
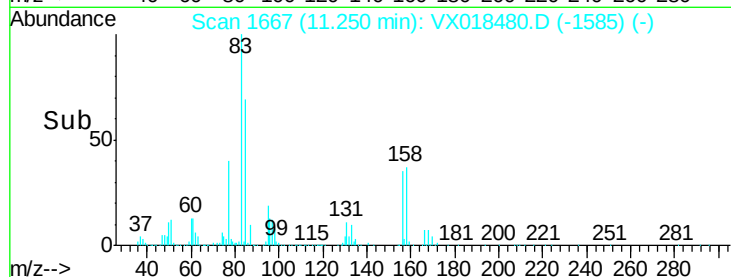
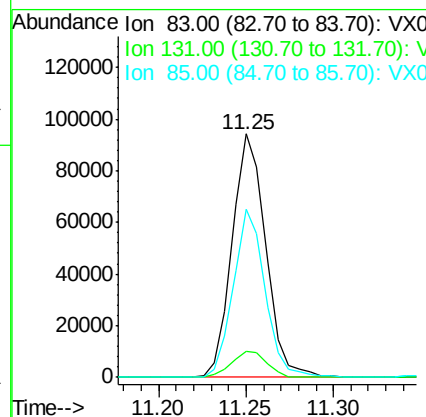
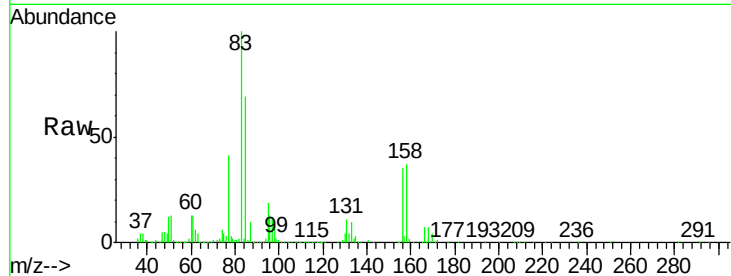
ClientSampleId :

VSTDCCC020

Tot Ion:	83	Resp:	126159
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.8	17.3
85	65.9	31.3	93.9

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9/21/2020 11:50:39 AM



#72

1,2,3-Trichloropropane

Concen: 17.820 ug/l m

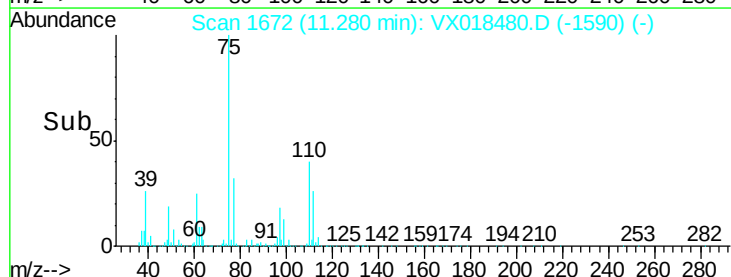
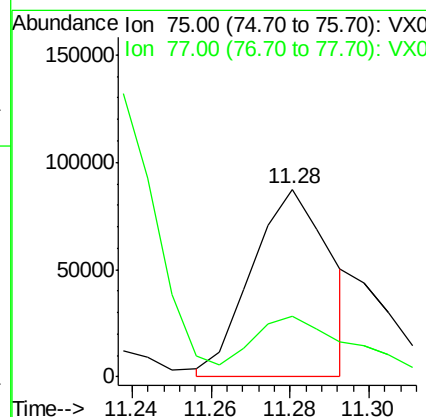
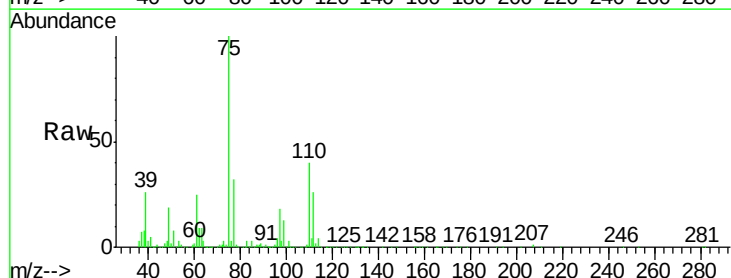
RT: 11.28 min Scan# 1672

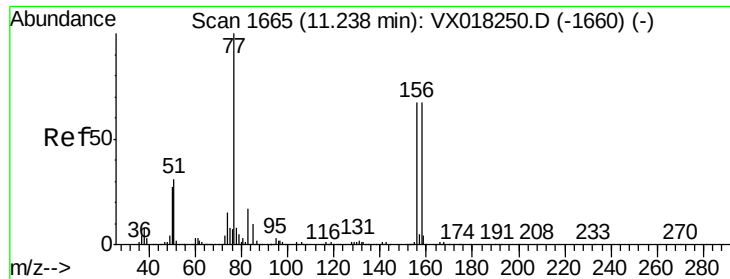
Delta R.T. 0.00 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Tgt Ion:	75	Resp:	120361
Ion Ratio	Lower	Upper	
75	100		
77	41.0	0.0	74.8





#73

Bromobenzene

Concen: 18.129 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Instrument :

MSVOA_X

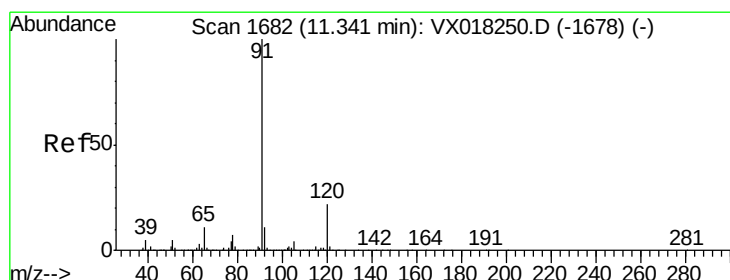
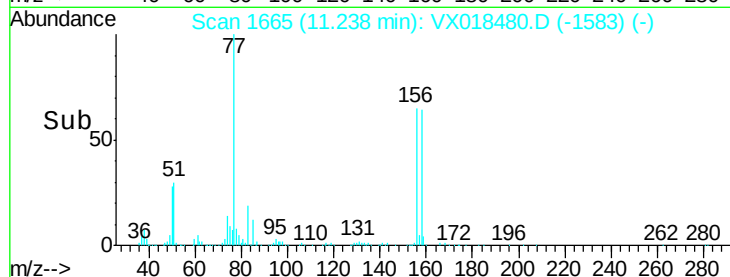
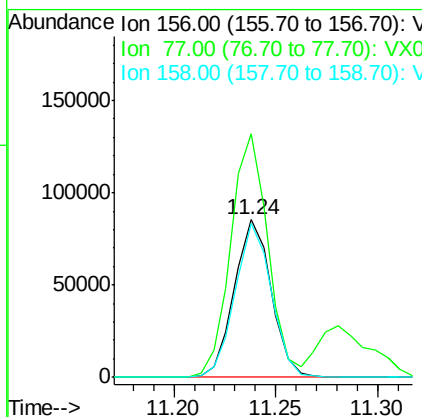
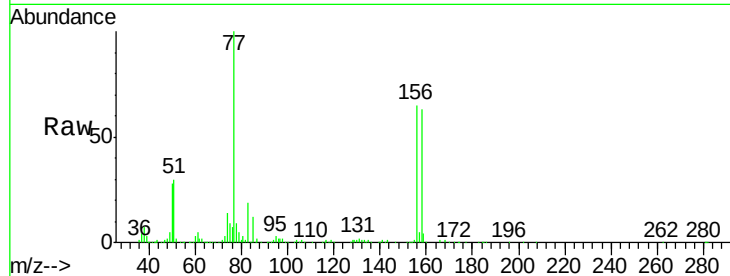
ClientSampleId :

VSTDCCC020

Tot Ion:	156	Resp:	106842
Ion Ratio	Lower	Upper	
156	100		
77	155.2	0.0	311.0
158	96.9	0.0	194.4

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#74

n-propylbenzene

Concen: 18.526 ug/l

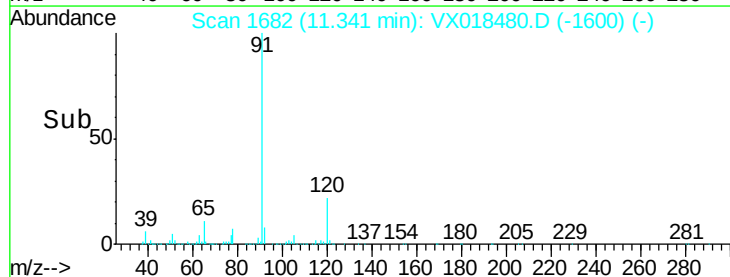
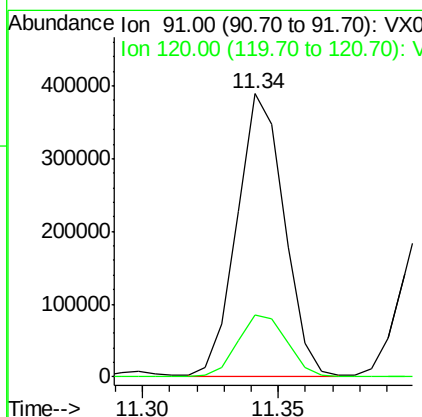
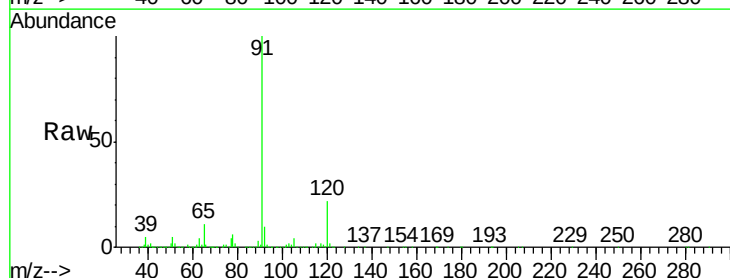
RT: 11.34 min Scan# 1682

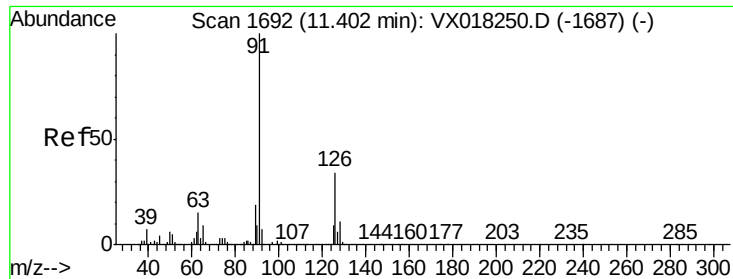
Delta R.T. 0.00 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Tgt Ion:	91	Resp:	469270
Ion Ratio	Lower	Upper	
91	100		
120	22.9	0.0	45.4





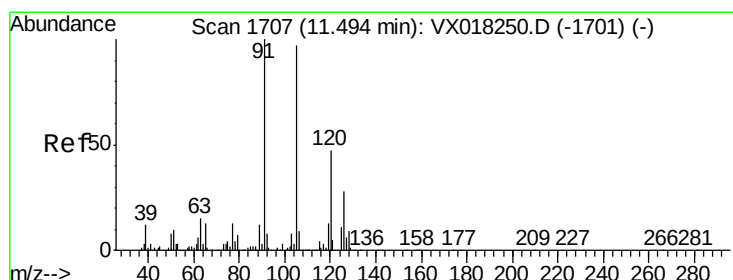
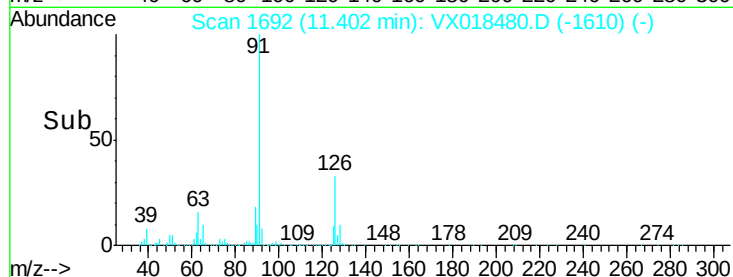
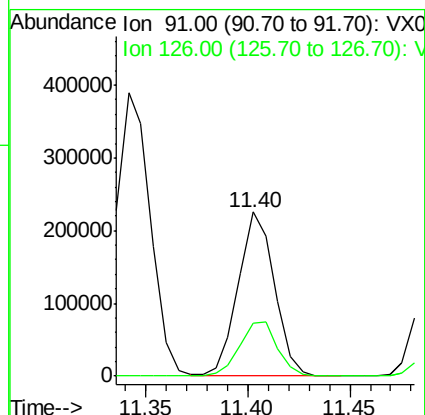
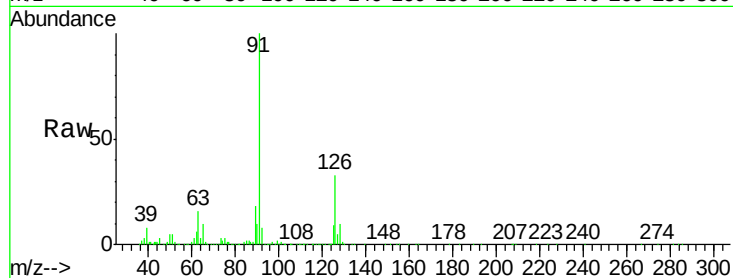
#75
2-Chlorotoluene
Concen: 18.232 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		279903		
126	34.2	0.0	68.4		

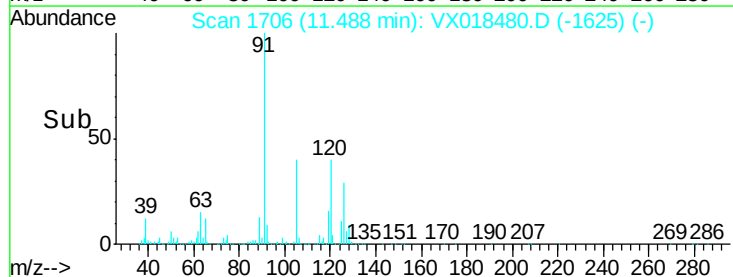
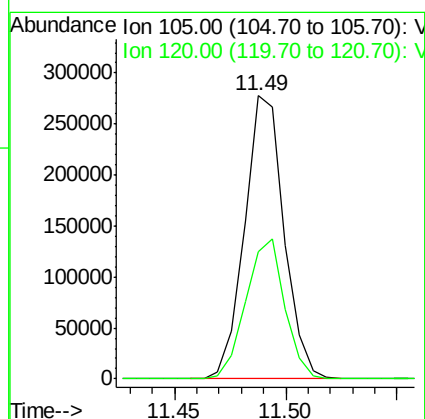
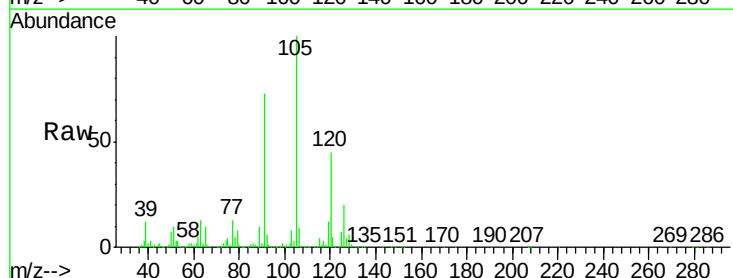
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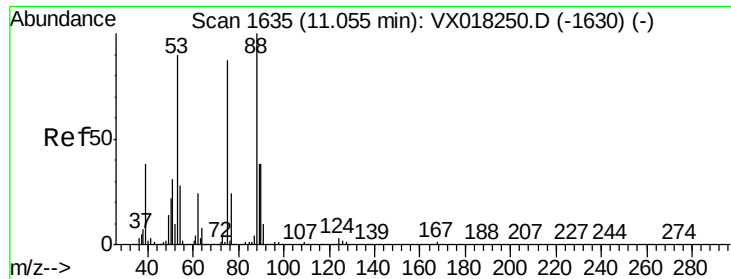
MMDadoda
9/21/2020 11:50:39 AM



#76
1,3,5-Trimethylbenzene
Concen: 18.274 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		342467		
120	48.6	0.0	95.0		





#77

t-1,4-Dichloro-2-butene

Concen: 16.741 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Instrument :

MSVOA_X

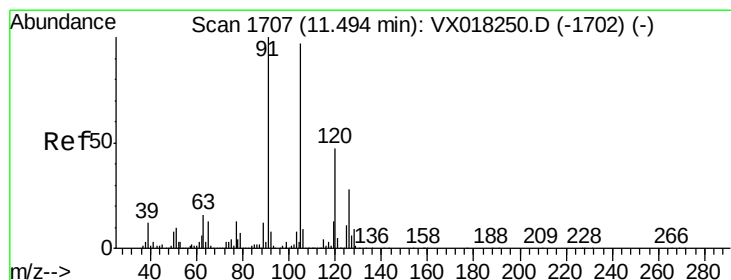
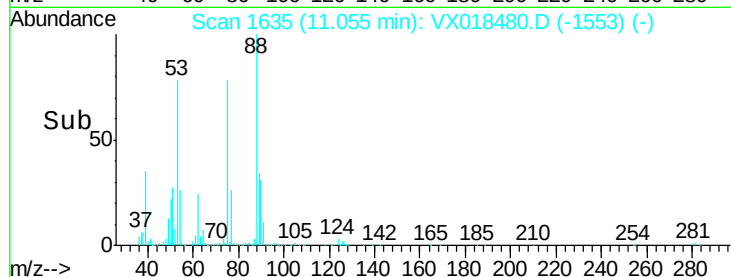
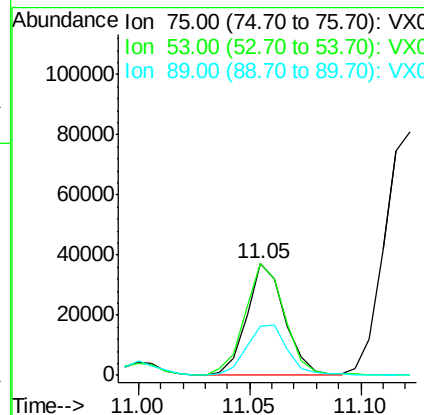
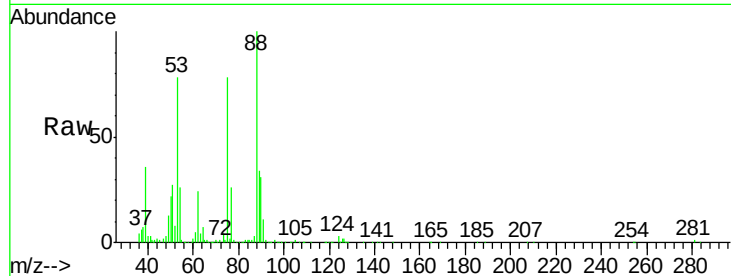
ClientSampleId :

VSTDCCC020

Tot Ion:	75	Resp:	43939
Ion	Ratio	Lower	Upper
75	100		
53	100.0	52.1	156.4
89	43.5	22.1	66.3

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#78

4-Chlorotoluene

Concen: 18.450 ug/l

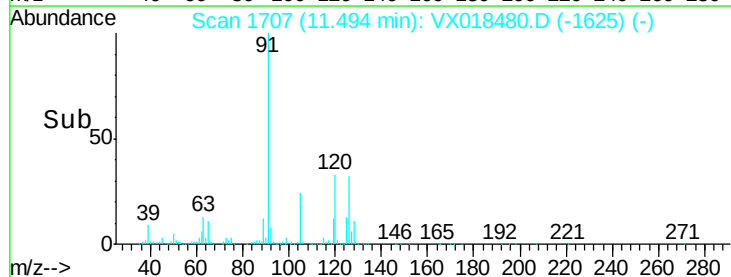
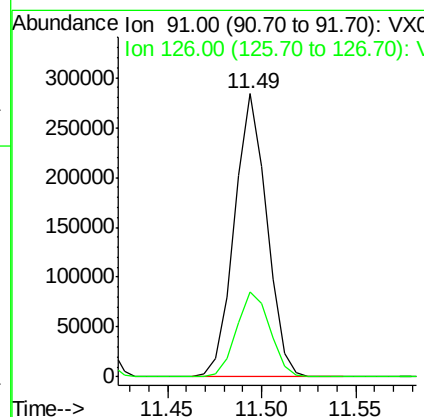
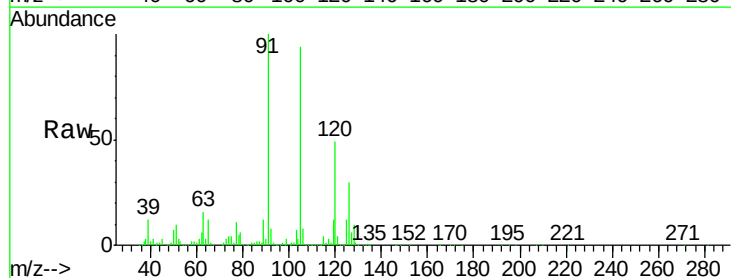
RT: 11.49 min Scan# 1707

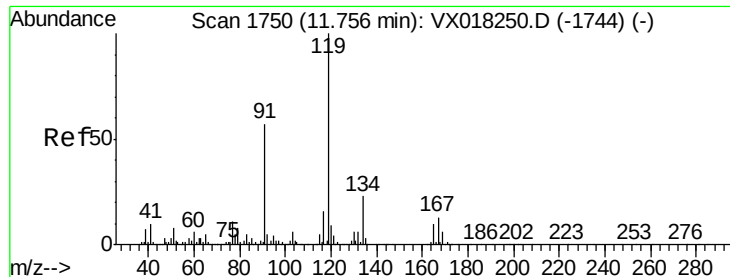
Delta R.T. 0.00 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Tgt Ion:	91	Resp:	337883
Ion	Ratio	Lower	Upper
91	100		
126	31.2	0.0	59.2





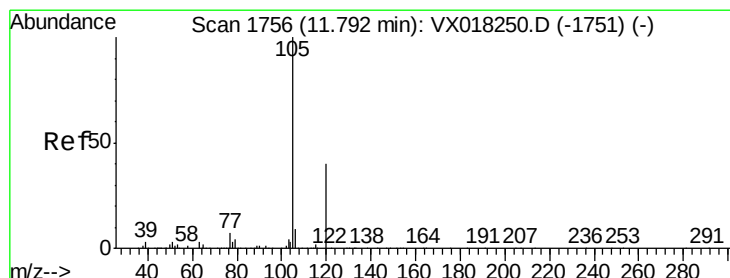
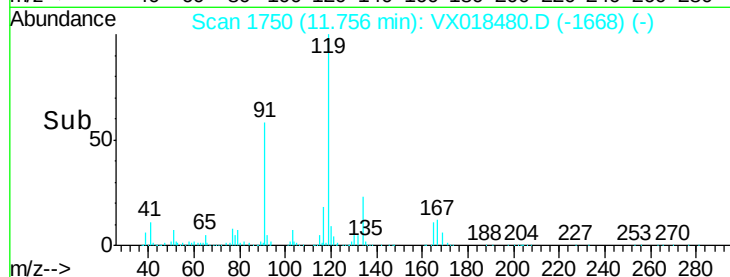
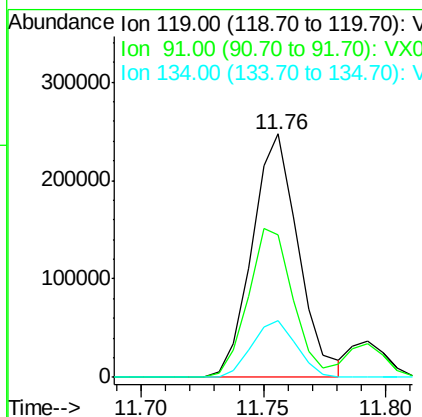
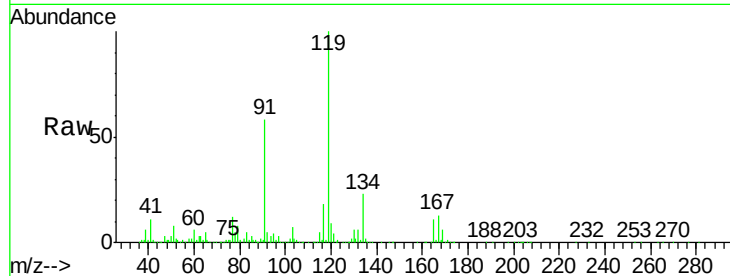
#79
tert-butylbenzene
Concen: 17.950 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	324042		
91	59.2	0.0	111.8	
134	22.6	0.0	42.4	

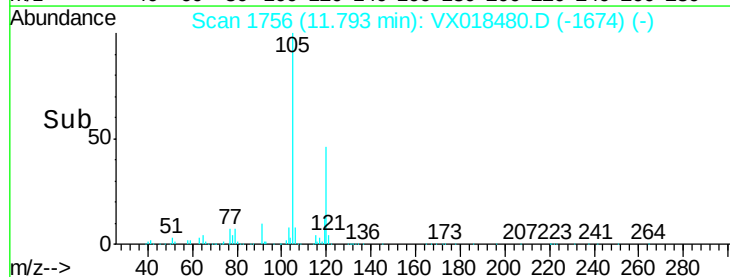
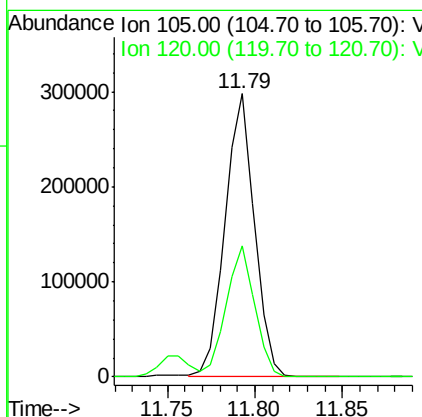
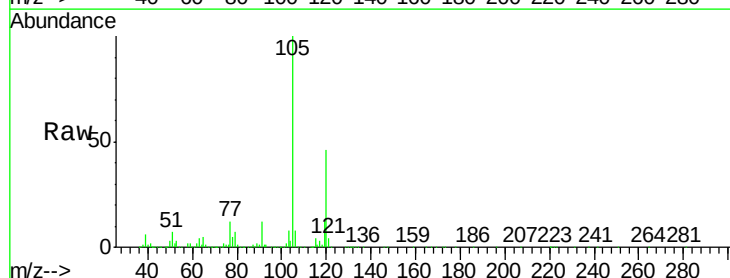
Manual Integrations
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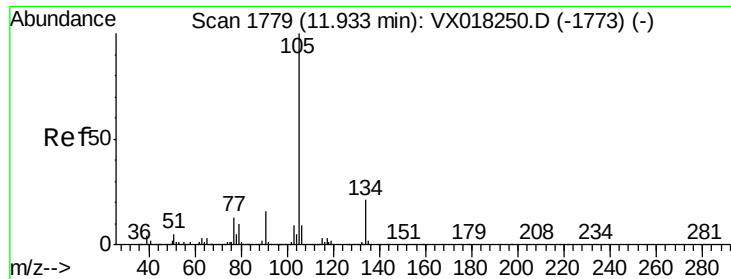
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9/21/2020 11:50:39 AM



#80
1,2,4-Trimethylbenzene
Concen: 18.855 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	349468		
120	44.9	0.0	89.2	





#81

sec-Butylbenzene

Concen: 18.344 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:105 Resp: 386804

Ion Ratio Lower Upper

105 100

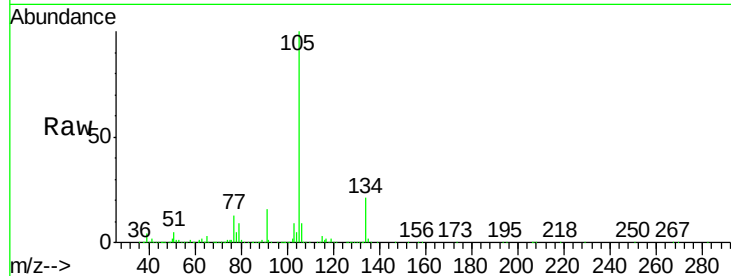
134 20.4 0.0 40.0

Manual Integrations

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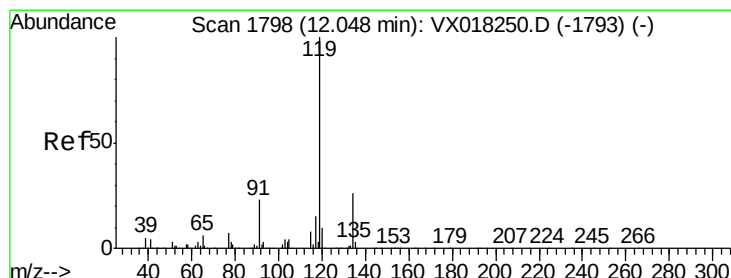
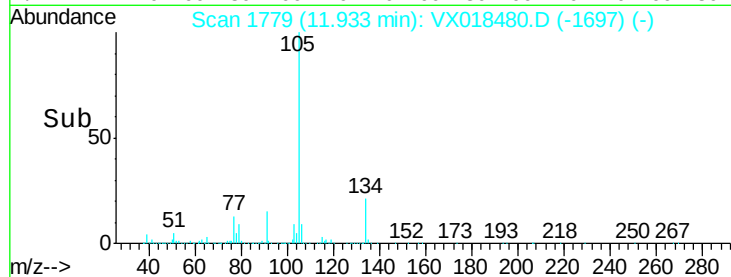
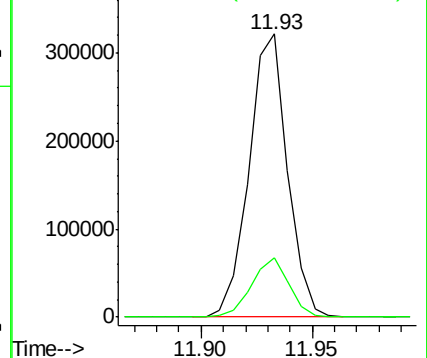
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 18.602 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

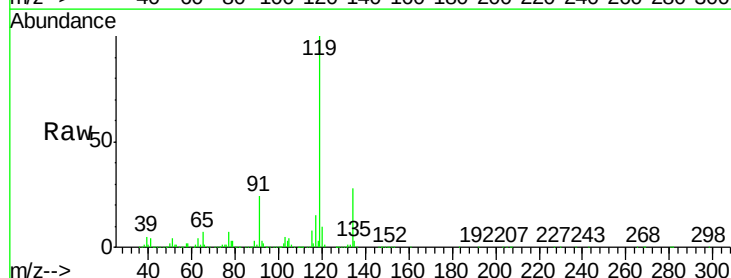
Tgt Ion:119 Resp: 365728

Ion Ratio Lower Upper

119 100

134 26.1 0.0 53.0

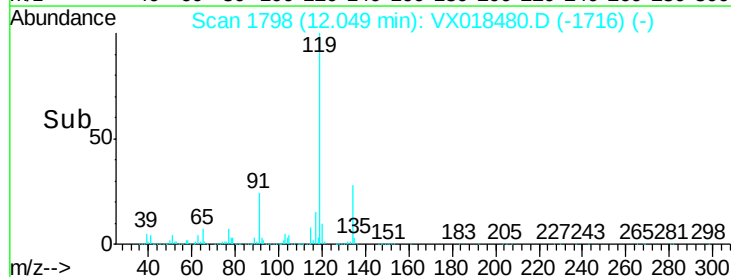
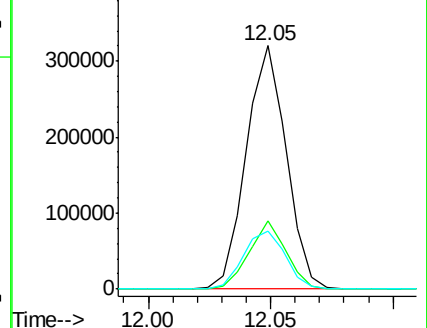
91 25.4 0.0 49.8

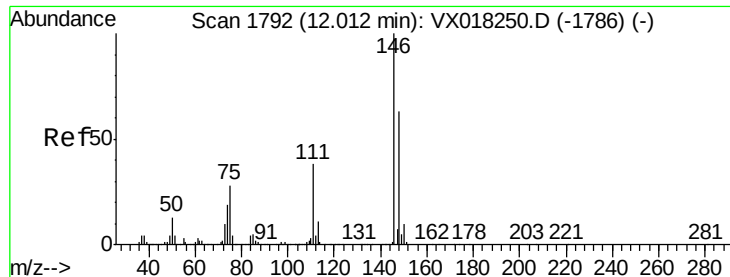


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





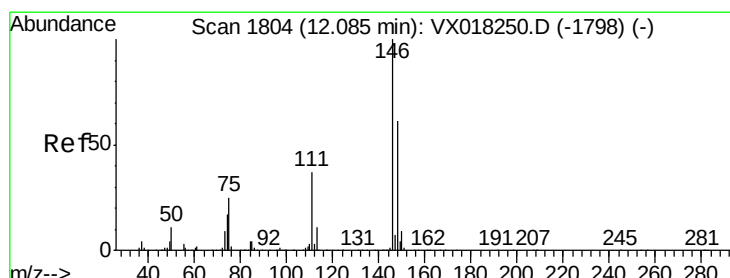
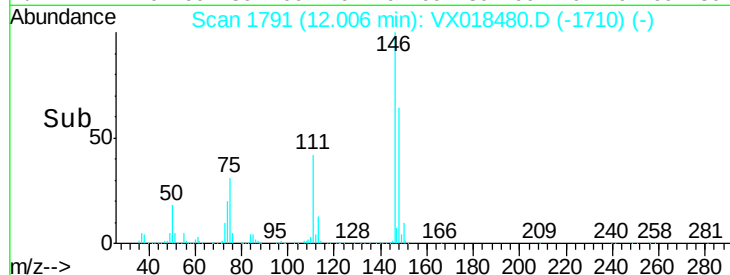
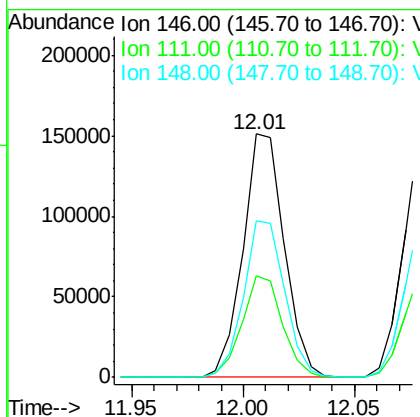
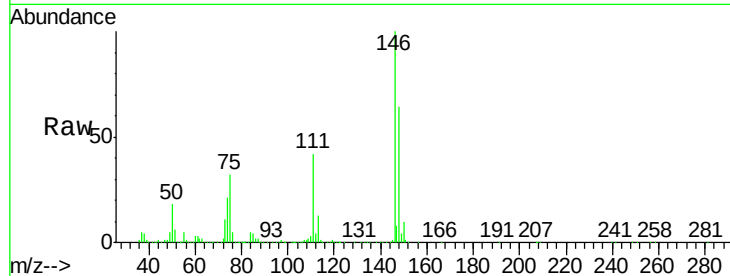
#83
 1,3-Dichlorobenzene
 Concen: 18.578 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX018480.D
 Acq: 18 Sep 2020 09:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.0	59.9
148	63.9	32.1	96.3

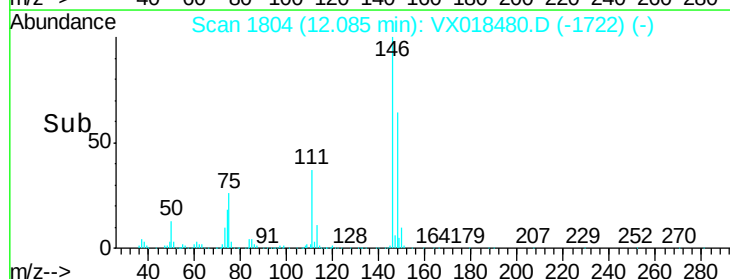
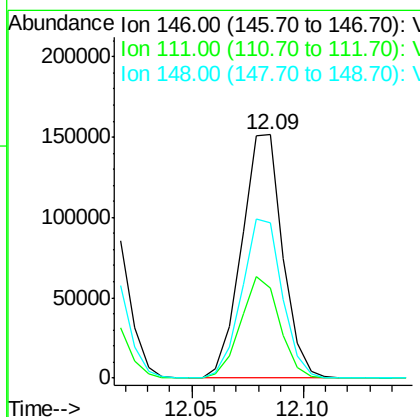
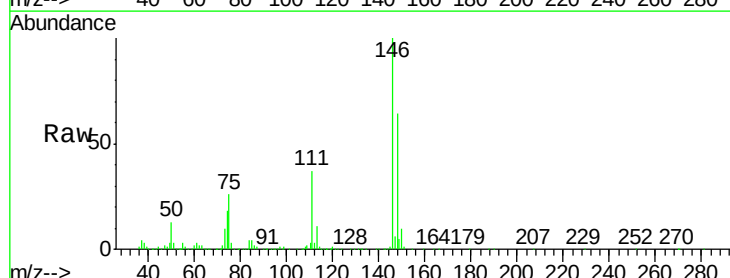
Manual Integrations
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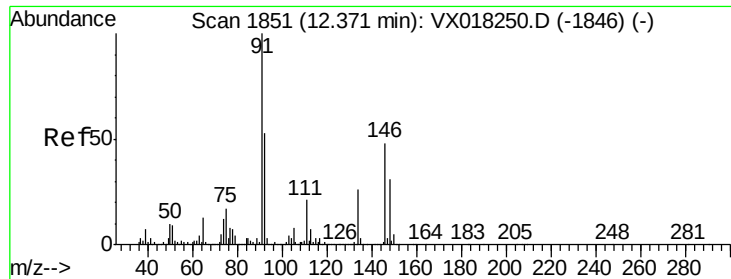
MMDadoda
 9/21/2020 11:50:39 AM



#84
 1,4-Dichlorobenzene
 Concen: 18.486 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VX018480.D
 Acq: 18 Sep 2020 09:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.3	57.8
148	64.3	31.7	95.1





#85

n-Butylbenzene

Concen: 18.709 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Instrument :

MSVOA_X

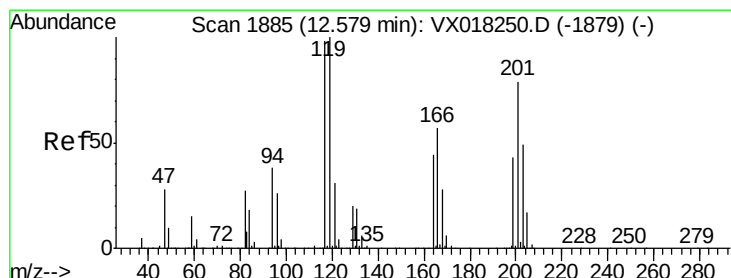
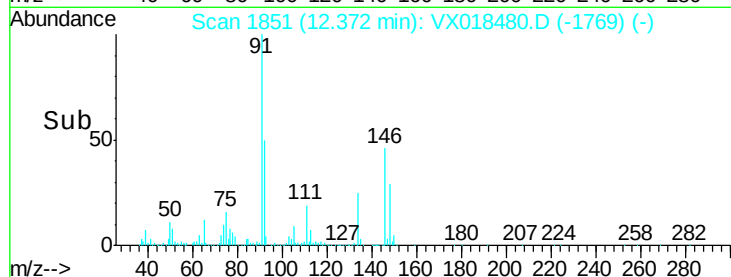
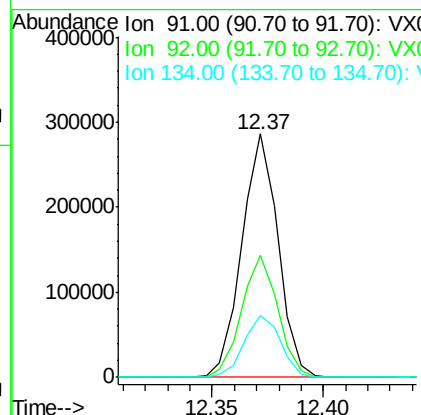
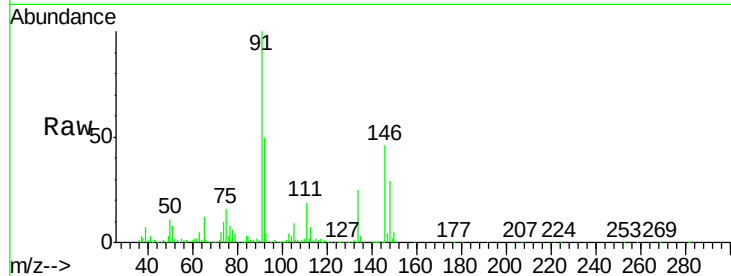
ClientSampleId :

VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
91	100	323845		
92	50.4	0.0	105.0	
134	26.0	0.0	51.0	

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#86

Hexachloroethane

Concen: 18.086 ug/l

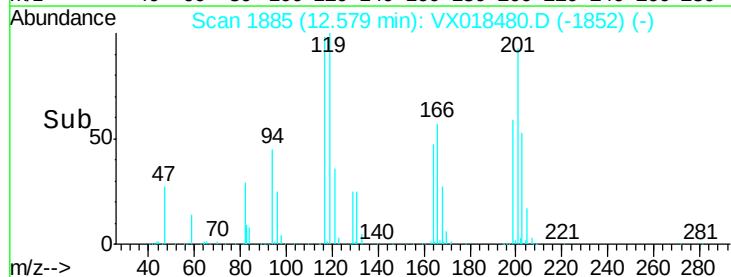
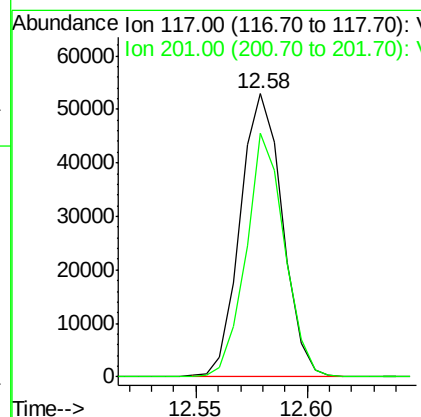
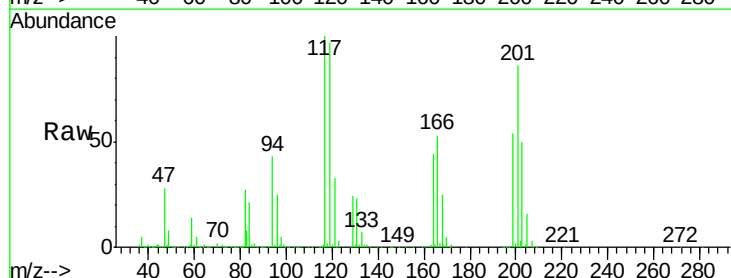
RT: 12.58 min Scan# 1885

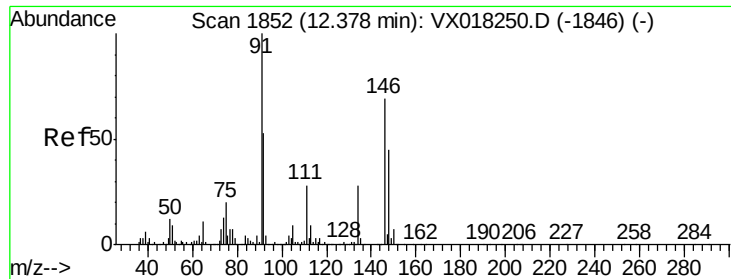
Delta R.T. 0.00 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	70008		
201	78.5	39.6	118.8	





#87

1,2-Dichlorobenzene

Concen: 18.813 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

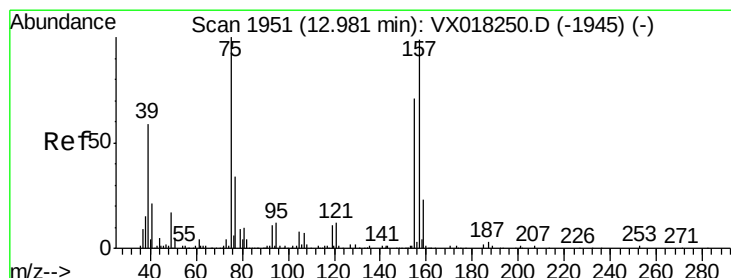
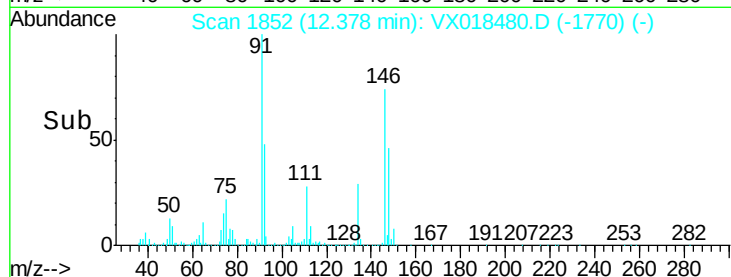
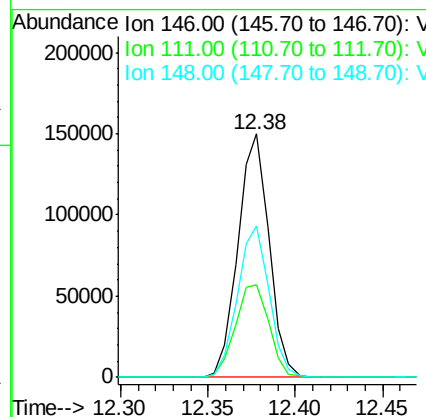
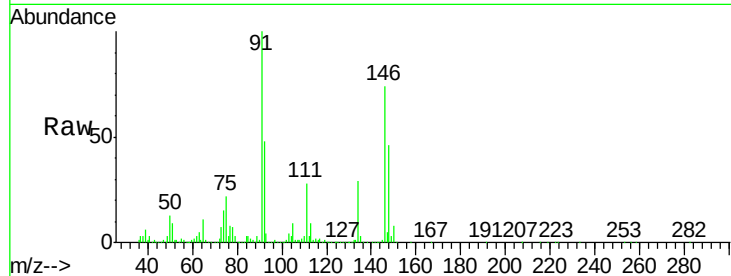
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	21.4	64.3
148	63.1	32.0	96.2

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#88

1,2-Dibromo-3-Chloropropane

Concen: 16.791 ug/l

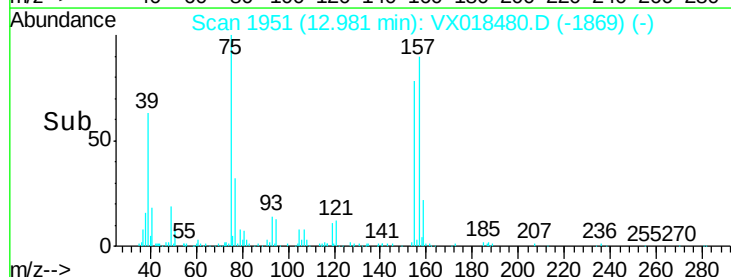
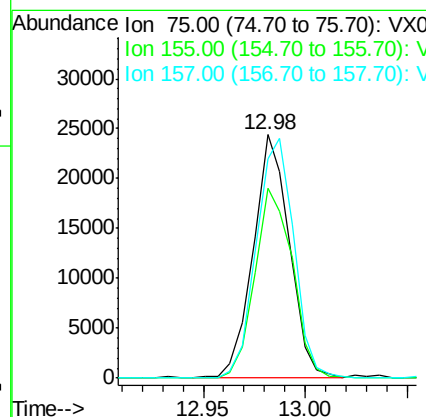
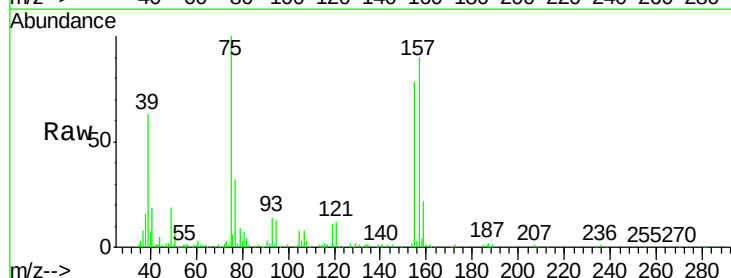
RT: 12.98 min Scan# 1951

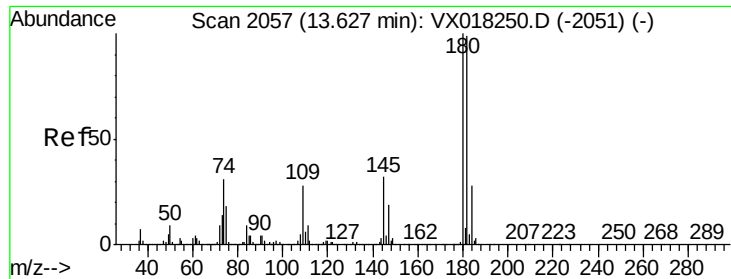
Delta R.T. 0.00 min

Lab File: VX018480.D

Acq: 18 Sep 2020 09:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.9	63.4	95.2
157	101.9	87.0	130.6





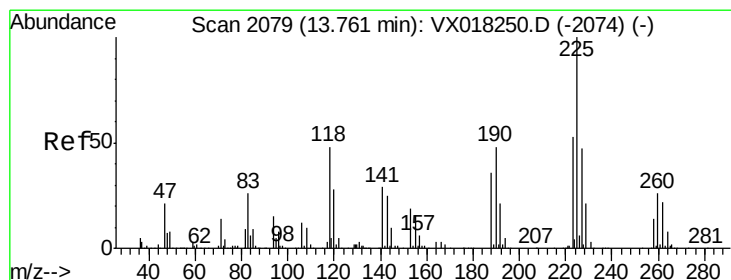
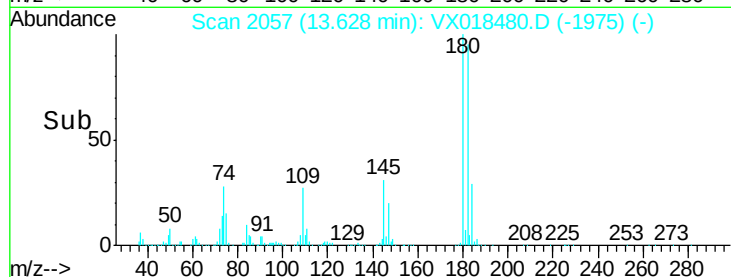
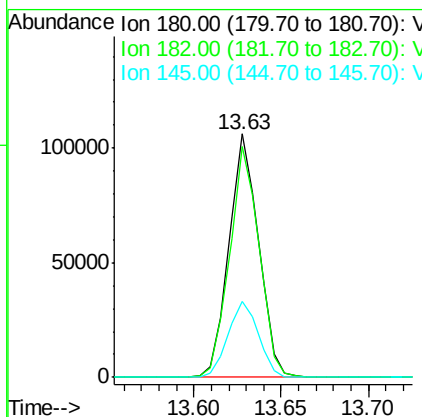
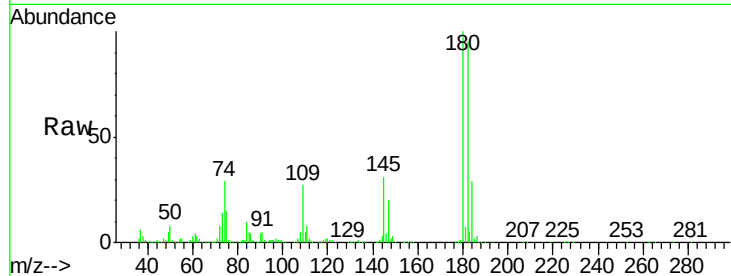
#89
1,2,4-Trichlorobenzene
Concen: 18.734 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
180	100	125059		
182	94.7	77.1	115.7	
145	32.1	25.0	37.6	

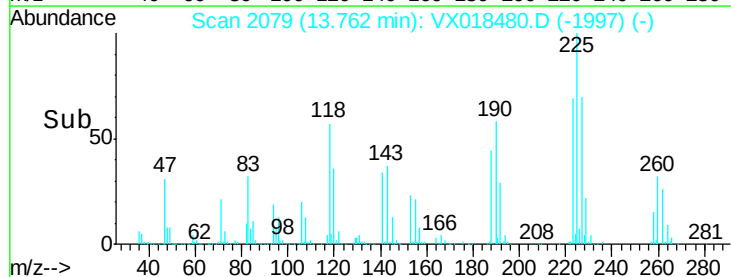
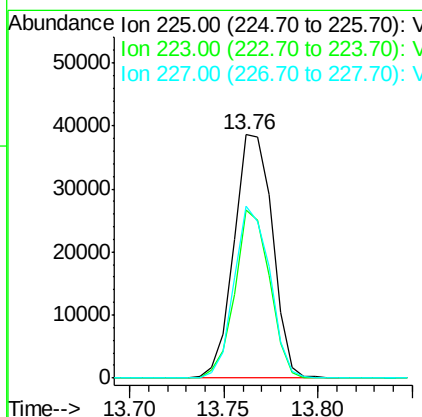
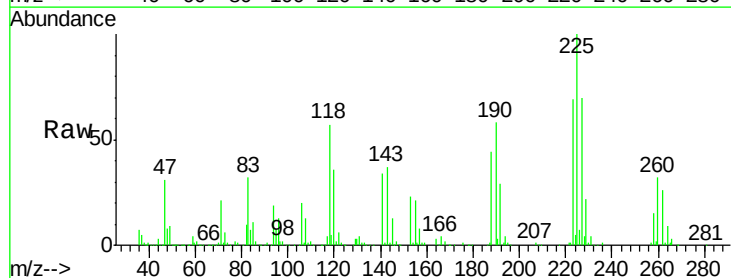
Manual Integrations
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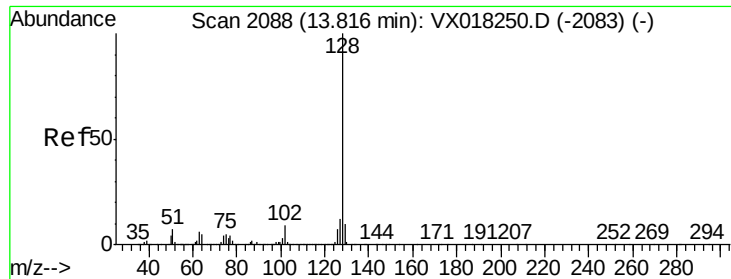
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#90
Hexachlorobutadiene
Concen: 19.384 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	54733		
223	62.5	0.0	115.8	
227	65.4	0.0	117.0	





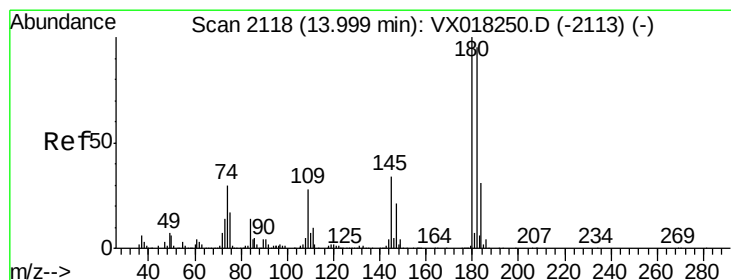
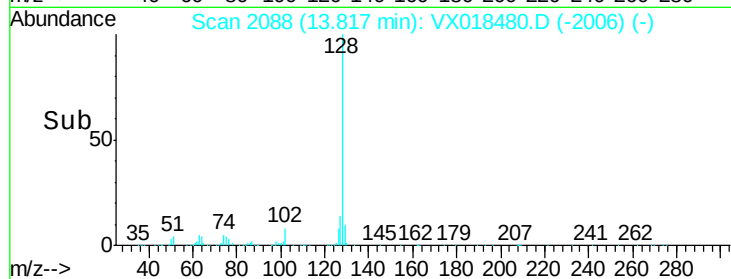
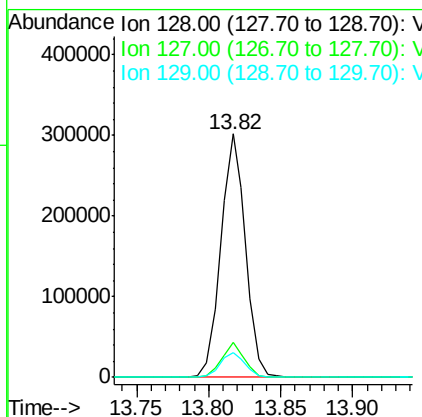
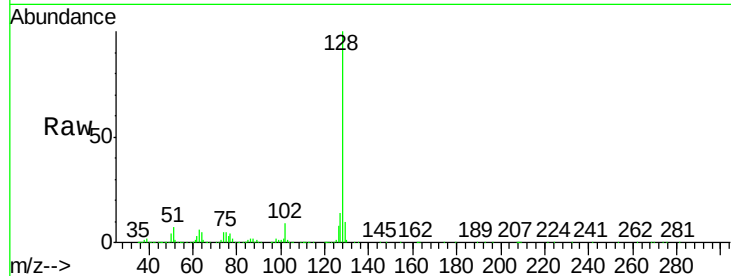
#91
Naphthalene
Concen: 17.415 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	10.5	8.7	13.1

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#92
1,2,3-Trichlorobenzene
Concen: 17.815 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018480.D
Acq: 18 Sep 2020 09:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.0	0.0	191.6
145	34.2	0.0	67.4

