

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX090920\
 Data File : VX018313.D
 Acq On : 09 Sep 2020 11:35
 Operator : JC/SP
 Sample : VX0909WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0909WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/10/2020 4:03:14 PM

Quant Time: Sep 09 15:18:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	430943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	648391	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	613955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	331702	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	287852	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
35) Dibromofluoromethane	5.46	113	221994	50.27	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	100.54%	
50) Toluene-d8	8.70	98	781647	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	
62) 4-Bromofluorobenzene	11.12	95	296695	45.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	93633	17.846	ug/l	95
3) Chloromethane	1.31	50	84568	15.288	ug/l	98
4) Vinyl Chloride	1.39	62	90159	16.373	ug/l	100
5) Bromomethane	1.63	94	62781	23.638	ug/l	99
6) Chloroethane	1.72	64	52423	17.725	ug/l	100
7) Trichlorofluoromethane	1.92	101	152416	20.299	ug/l	96
8) Diethyl Ether	2.17	74	45979	18.057	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	77858	19.180	ug/l	97
10) Methyl Iodide	2.49	142	72257	20.165	ug/l	98
11) Tert butyl alcohol	3.01	59	92773	79.755	ug/l	100
12) 1,1-Dichloroethene	2.36	96	74846	17.772	ug/l	96
13) Acrolein	2.27	56	60435	125.299	ug/l	98
14) Allyl chloride	2.70	41	129635	17.133	ug/l	96
15) Acrylonitrile	3.11	53	215363	81.618	ug/l	98
16) Acetone	2.42	43	194474	83.423	ug/l	94
17) Carbon Disulfide	2.55	76	200370	15.739	ug/l	100
18) Methyl Acetate	2.75	43	104599	18.594	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	264100	18.286	ug/l	94
20) Methylene Chloride	2.83	84	85909	17.259	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	80391	17.230	ug/l	98
22) Diisopropyl ether	3.82	45	265929	17.808	ug/l	# 83
23) Vinyl Acetate	3.78	43	1140926	85.861	ug/l	100
24) 1,1-Dichloroethane	3.67	63	150037	17.650	ug/l	98
25) 2-Butanone	4.63	43	305081	79.631	ug/l	96
26) 2,2-Dichloropropane	4.54	77	140462	20.308	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	90931	16.915	ug/l	99
28) Bromochloromethane	4.98	49	74286	18.104	ug/l	98
29) Tetrahydrofuran	5.09	42	190985	78.309	ug/l	98
30) Chloroform	5.17	83	162859	18.502	ug/l	99
31) Cyclohexane	5.54	56	119685	16.714	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	152435	18.871	ug/l	100
36) 1,1-Dichloropropene	5.76	75	108592	18.158	ug/l	97
37) Ethyl Acetate	4.79	43	118535	17.065	ug/l	100
38) Carbon Tetrachloride	5.75	117	138793	20.593	ug/l	95

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 Data File : VX018313.D
 Acq On : 09 Sep 2020 11:35
 Operator : JC/SP
 Sample : VX0909WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0909WBS01

Manual Integrations
 APPROVED

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 9/10/2020 4:03:14 PM

Quant Time: Sep 09 15:18:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	124461	19.032	ug/l	96
40) Benzene	6.10	78	322363	18.344	ug/l	98
41) Methacrylonitrile	5.00	41	64342	16.871	ug/l	95
42) 1,2-Dichloroethane	6.16	62	135317	20.098	ug/l	97
43) Isopropyl Acetate	6.41	43	192965	17.200	ug/l	99
44) Trichloroethene	7.18	130	93865	18.904	ug/l	99
45) 1,2-Dichloropropane	7.49	63	86944	18.357	ug/l	100
46) Dibromomethane	7.63	93	60237	18.086	ug/l	97
47) Bromodichloromethane	7.87	83	130410	19.610	ug/l	97
48) Methyl methacrylate	7.74	41	93145	16.678	ug/l	96
49) 1,4-Dioxane	7.71	88	32953	325.736	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	600975	86.721	ug/l	99
52) Toluene	8.76	92	206623	18.543	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	137261	18.623	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	145077	18.582	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	87901	18.496	ug/l	97
56) Ethyl methacrylate	9.16	69	120206	17.015	ug/l	97
57) 1,3-Dichloropropane	9.35	76	142584	18.191	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	292902	92.162	ug/l	100
59) 2-Hexanone	9.47	43	449412	85.286	ug/l	99
60) Dibromochloromethane	9.56	129	105742	18.967	ug/l	99
61) 1,2-Dibromoethane	9.65	107	94666	18.348	ug/l	99
64) Tetrachloroethene	9.32	164	89887	19.923	ug/l	95
65) Chlorobenzene	10.12	112	226320	18.457	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	93938	19.437	ug/l	99
67) Ethyl Benzene	10.24	91	390088	18.707	ug/l	99
68) m/p-Xylenes	10.34	106	294510	37.839	ug/l	98
69) o-Xylene	10.68	106	139528	18.493	ug/l	97
70) Styrene	10.70	104	240075	18.684	ug/l	98
71) Bromoform	10.84	173	78822	19.121	ug/l #	96
73) Isopropylbenzene	11.00	105	386588	17.669	ug/l	99
74) N-amyl acetate	10.88	43	164805	15.876	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	126561	16.398	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	123890m	16.790	ug/l	
77) Bromobenzene	11.24	156	104939	17.351	ug/l	96
78) n-propylbenzene	11.34	91	442278	17.803	ug/l	99
79) 2-Chlorotoluene	11.40	91	271016	17.657	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	333735	18.562	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	44104	16.143	ug/l	95
82) 4-Chlorotoluene	11.49	91	325930	17.863	ug/l	100
83) tert-Butylbenzene	11.76	119	323975	18.259	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	342251	18.619	ug/l	100
85) sec-Butylbenzene	11.93	105	376811	18.675	ug/l	100
86) p-Isopropyltoluene	12.05	119	349420	18.852	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	189953	17.889	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	193855	18.233	ug/l	98
89) n-Butylbenzene	12.37	91	303292	17.928	ug/l	99
90) Hexachloroethane	12.58	117	69931	19.177	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	180364	18.045	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	31059	16.094	ug/l	96

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0909WBS01

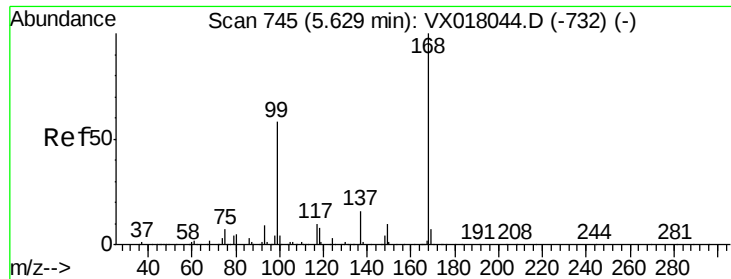
Manual Integrations
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9/10/2020 4:03:14 PM

Quant Time: Sep 09 15:18:30 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	113874	17.085	ug/l	99
94) Hexachlorobutadiene	13.76	225	52021	19.788	ug/l	93
95) Naphthalene	13.82	128	363653	16.578	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	120084	18.234	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

Instrument :

MSVOA_X

ClientSampleId :

VX0909WBS01

Tot Ion:168 Resp: 430943

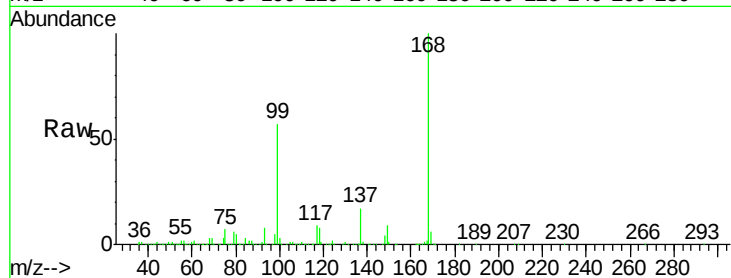
Ion Ratio Lower Upper

168 100

99 57.1 46.3 69.5

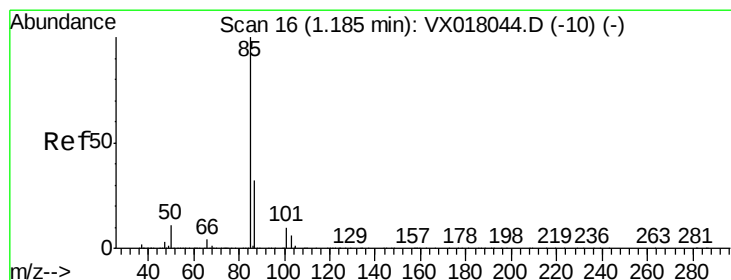
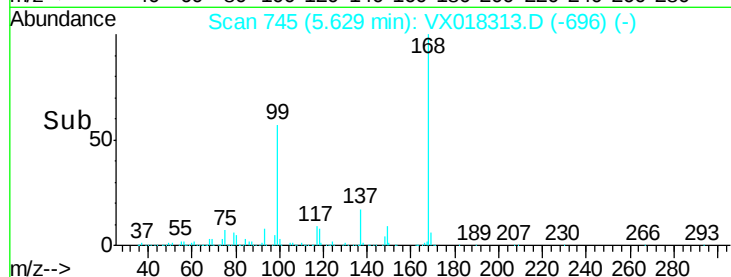
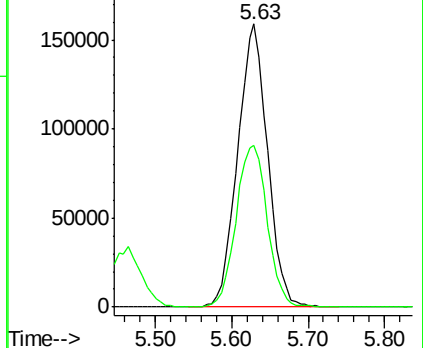
Manual Integrations
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.846 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018313.D

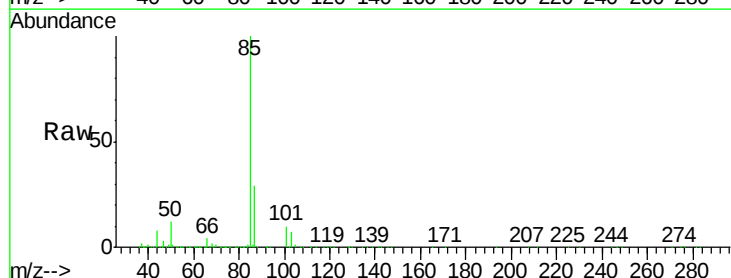
Acq: 09 Sep 2020 11:35

Tgt Ion: 85 Resp: 93633

Ion Ratio Lower Upper

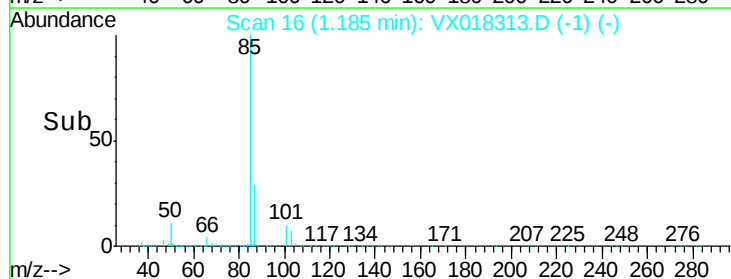
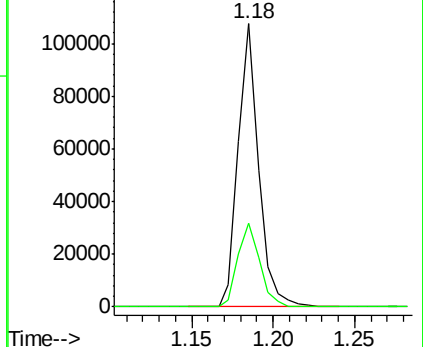
85 100

87 29.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 15.288 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

Instrument :

MSVOA_X

ClientSampleId :

VX0909WBS01

Tot Ion: 50 Resp: 84568

Ion Ratio Lower Upper

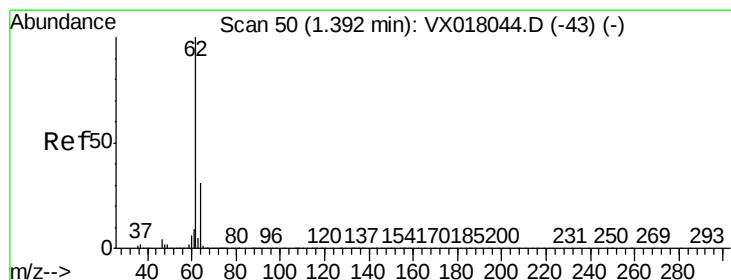
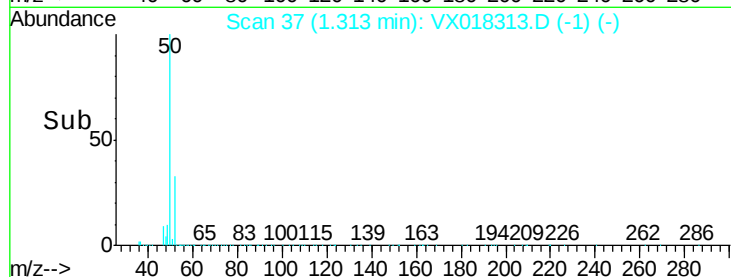
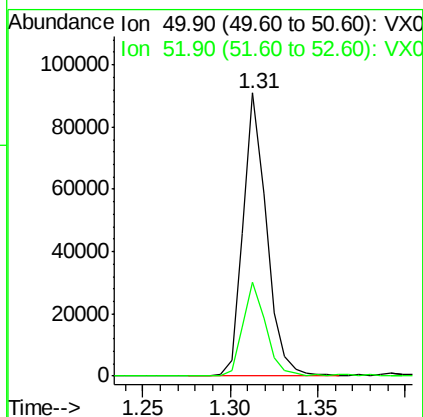
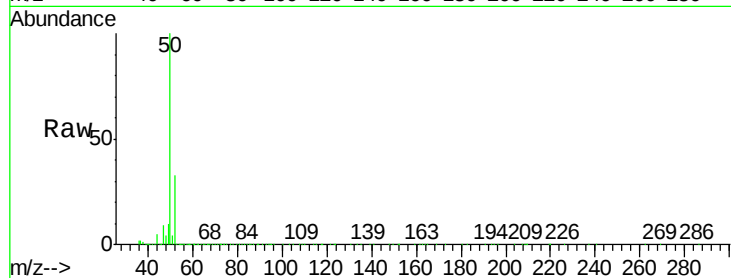
50 100

52 33.0 25.4 38.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 16.373 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018313.D

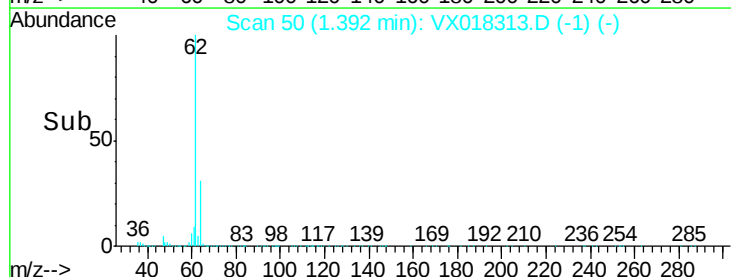
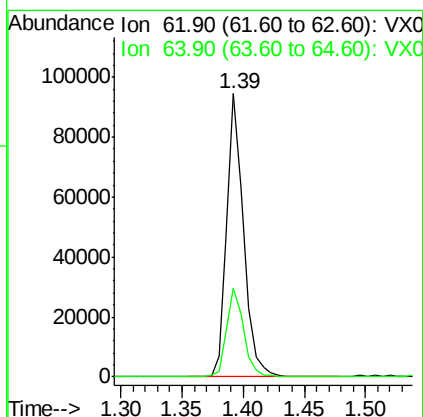
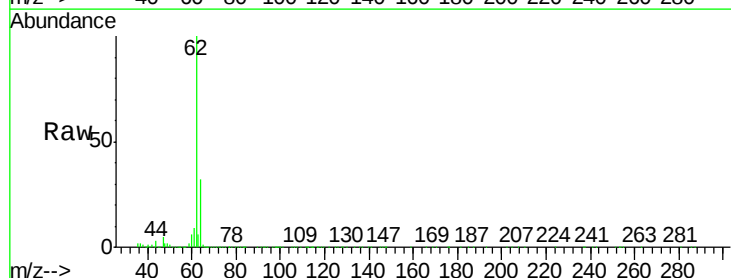
Acq: 09 Sep 2020 11:35

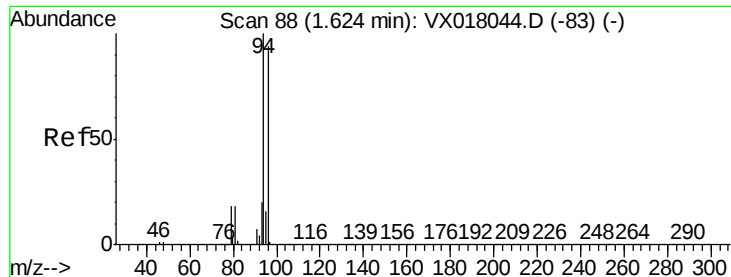
Tgt Ion: 62 Resp: 90159

Ion Ratio Lower Upper

62 100

64 31.5 25.1 37.7





#5

Bromomethane

Concen: 23.638 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

Instrument :

MSVOA_X

ClientSampleId :

VX0909WBS01

Tot Ion: 94 Resp: 62781

Ion Ratio Lower Upper

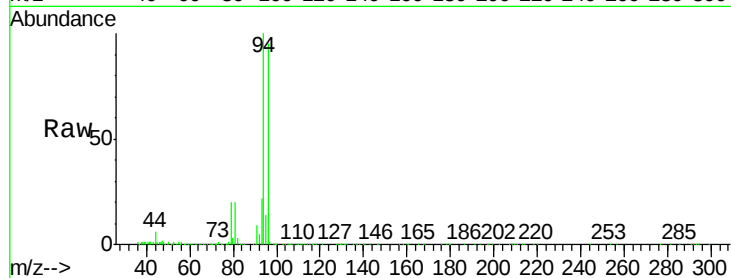
94 100

96 94.6 74.8 112.2

Manual Integrations
APPROVED

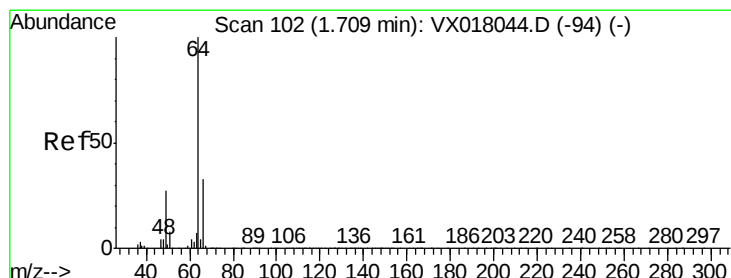
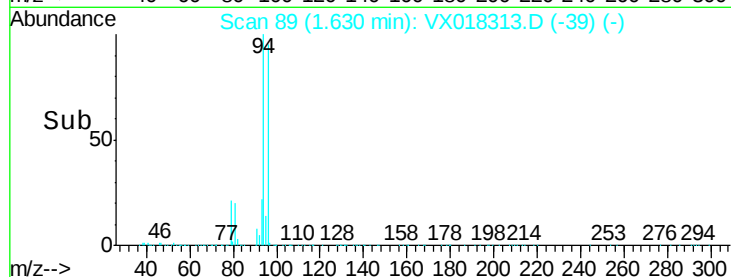
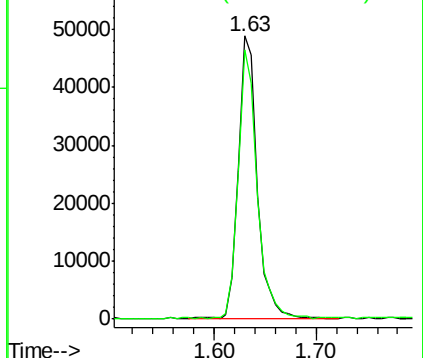
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.725 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018313.D

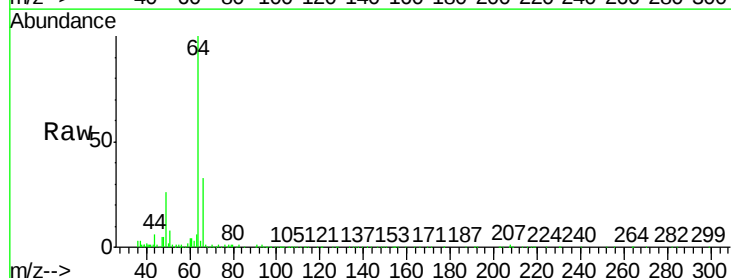
Acq: 09 Sep 2020 11:35

Tgt Ion: 64 Resp: 52423

Ion Ratio Lower Upper

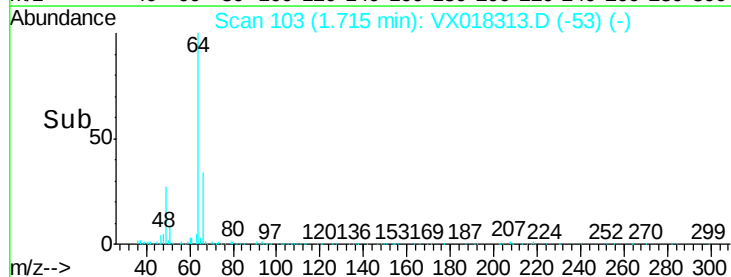
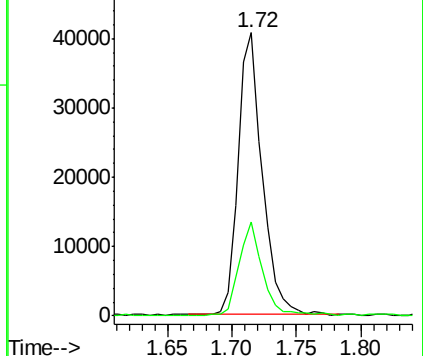
64 100

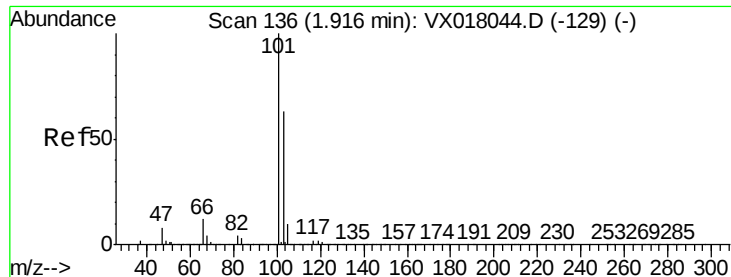
66 33.2 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

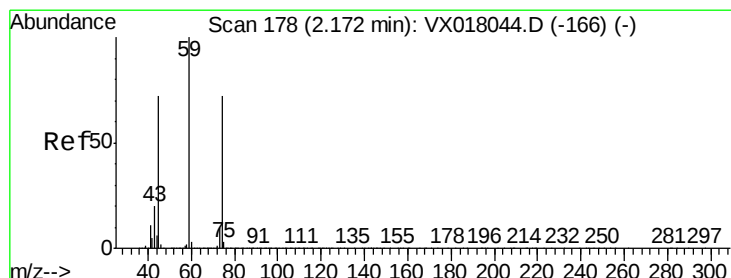
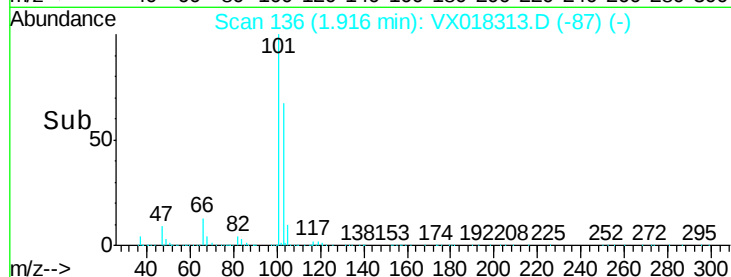
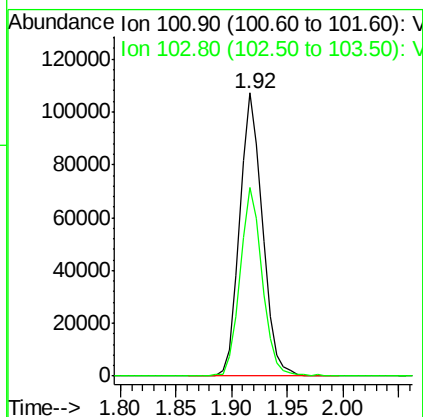
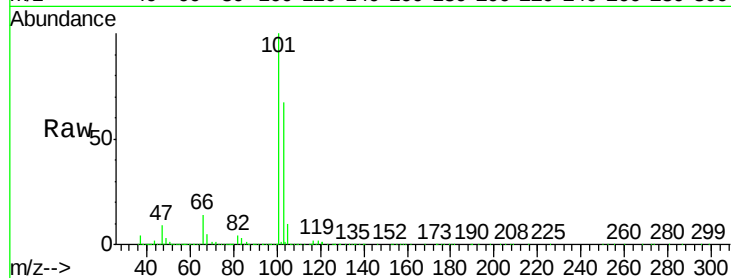
Trichlorofluoromethane
Concen: 20.299 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018313.D
Acq: 09 Sep 2020 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0909WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.7	50.7	76.1

Manual Integrations
APPROVED

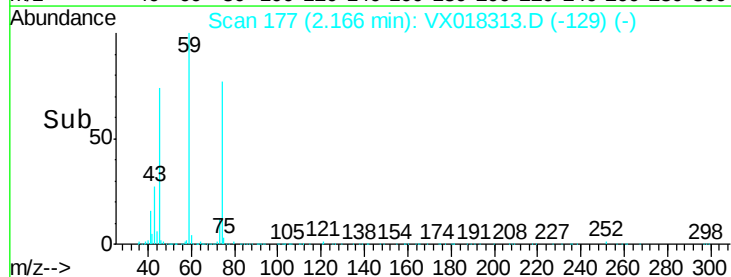
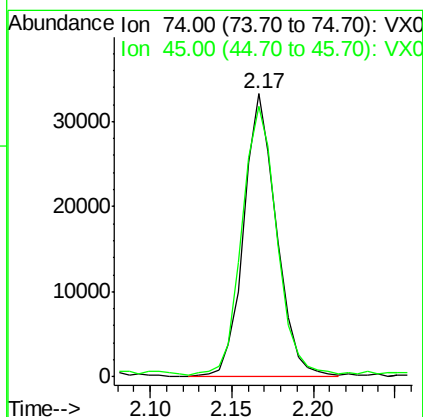
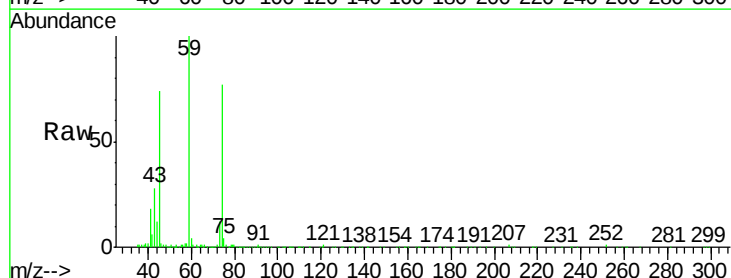
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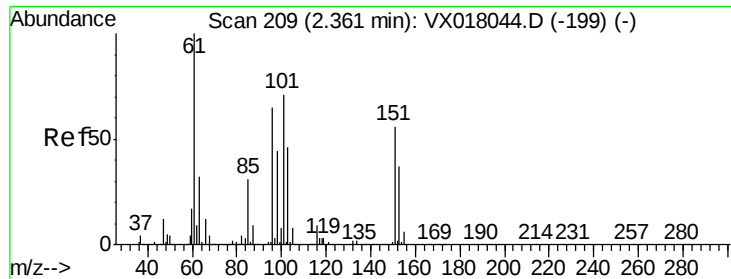


#8

Diethyl Ether
Concen: 18.057 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018313.D
Acq: 09 Sep 2020 11:35

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.6	50.7	152.3





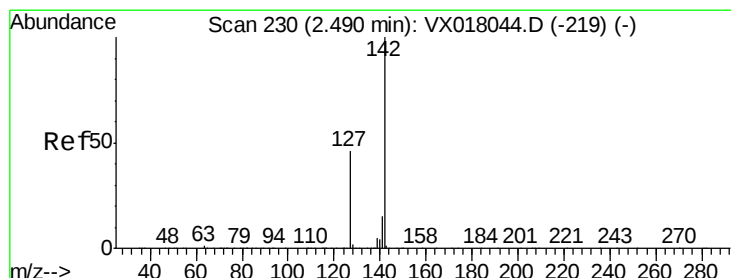
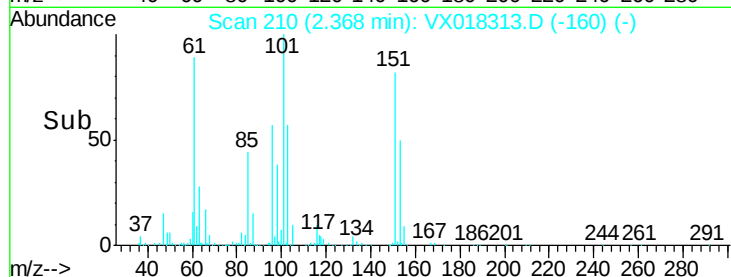
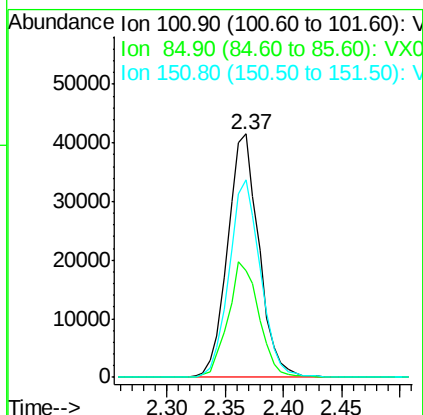
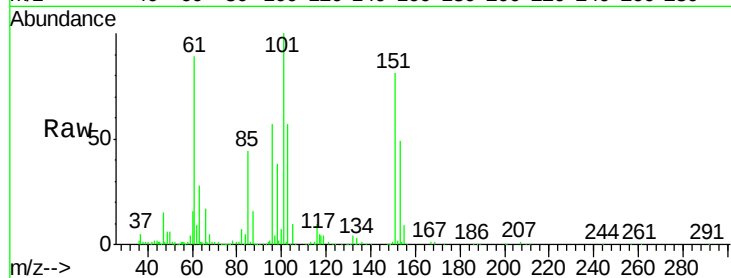
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.180 ug/l
RT: 2.37 min Scan# 210
Delta R.T. 0.01 min
Lab File: VX018313.D
Acq: 09 Sep 2020 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0909WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
85	47.2	34.0	51.0
151	81.4	65.2	97.8

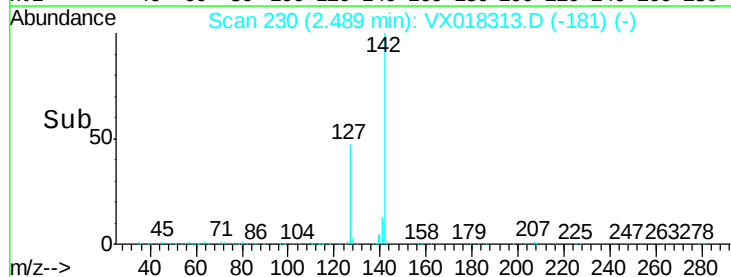
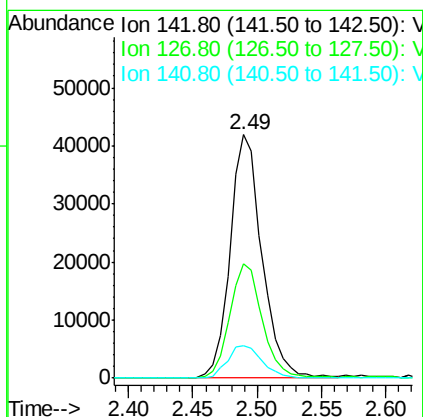
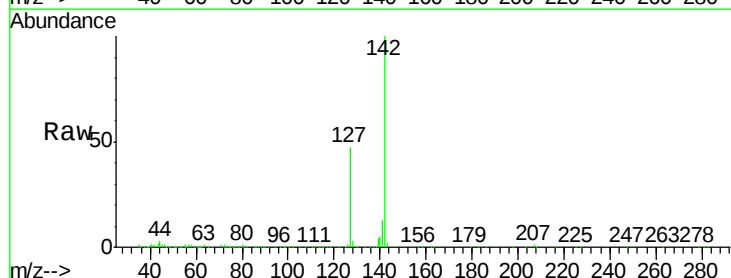
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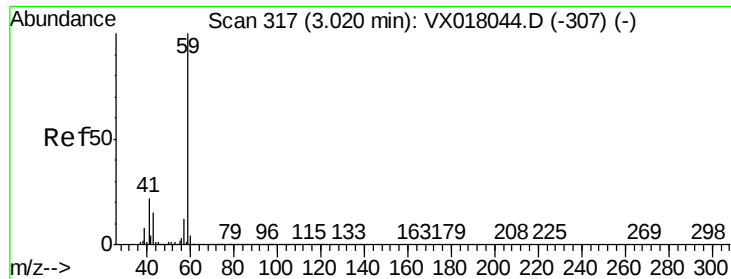
MMDadoda
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#10
Methyl Iodide
Concen: 20.165 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX018313.D
Acq: 09 Sep 2020 11:35

Tgt Ion	Ratio	Lower	Upper
142	100		
127	47.8	37.0	55.6
141	14.6	11.5	17.3





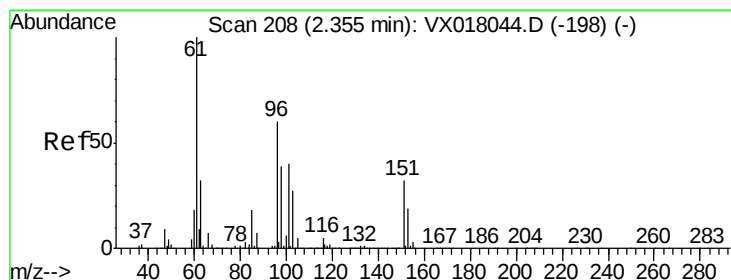
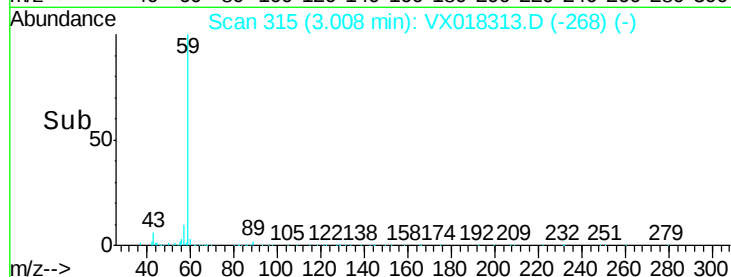
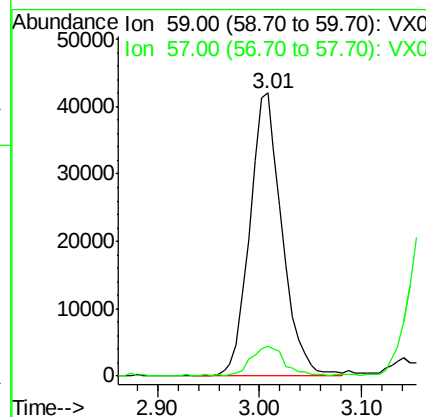
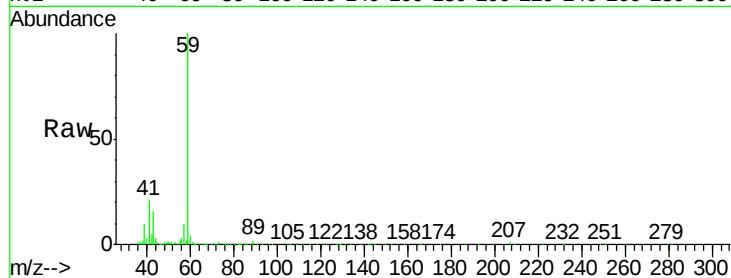
#11
Tert butyl alcohol
Concen: 79.755 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX018313.D
Acq: 09 Sep 2020 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0909WBS01

Tot Ion: 59 Resp: 92773
Ion Ratio Lower Upper
59 100
57 11.3 8.9 13.3

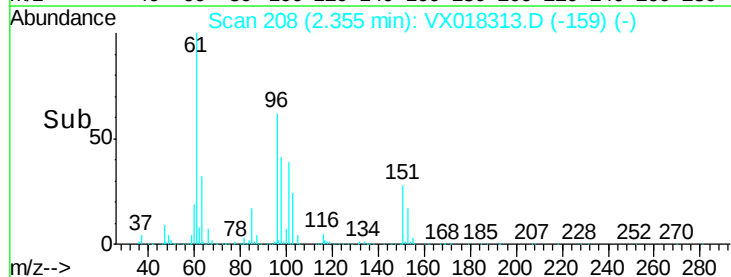
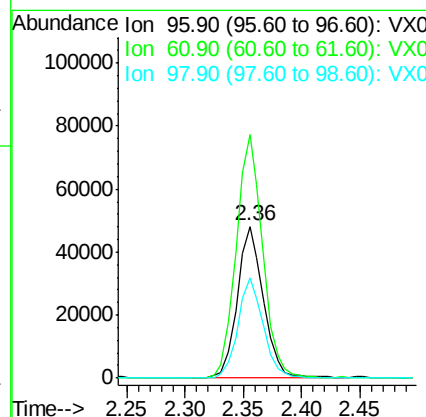
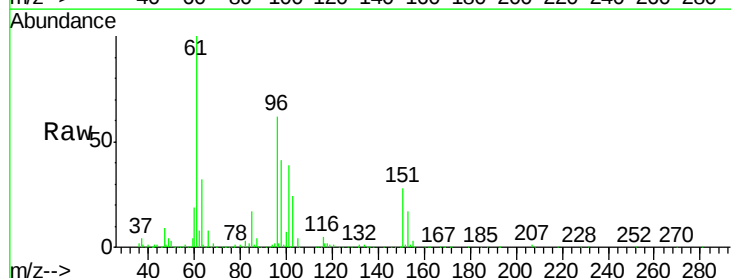
Manual Integrations
APPROVED

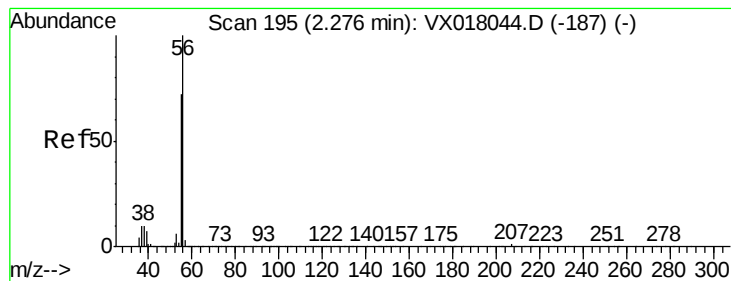
MMDadoda
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#12
1,1-Dichloroethene
Concen: 17.772 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018313.D
Acq: 09 Sep 2020 11:35

Tgt Ion: 96 Resp: 74846
Ion Ratio Lower Upper
96 100
61 160.2 133.0 199.4
98 65.6 51.6 77.4





#13

Acrolein

Concen: 125.299 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

Instrument :

MSVOA_X

ClientSampleId :

VX0909WBS01

Tot Ion: 56 Resp: 60435

Ion Ratio Lower Upper

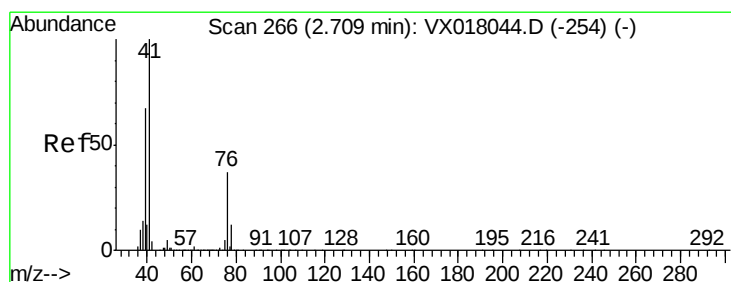
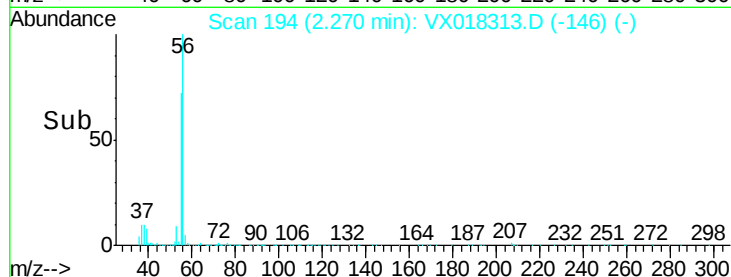
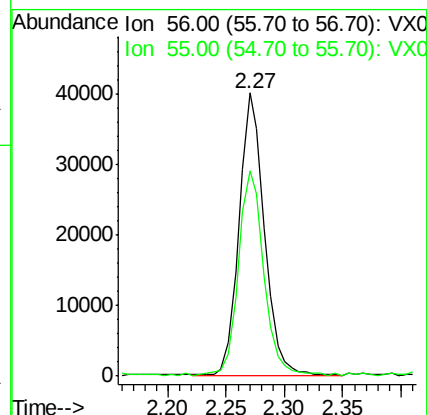
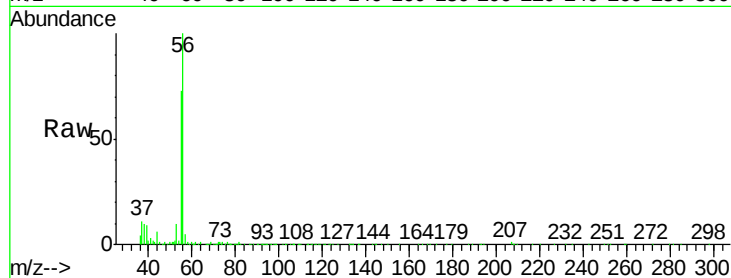
56 100

55 72.8 57.0 85.6

Manual Integrations
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#14

Allyl chloride

Concen: 17.133 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

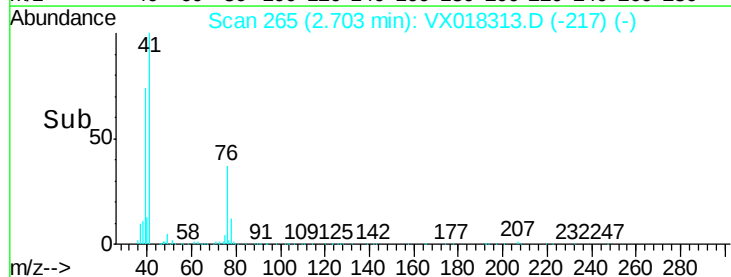
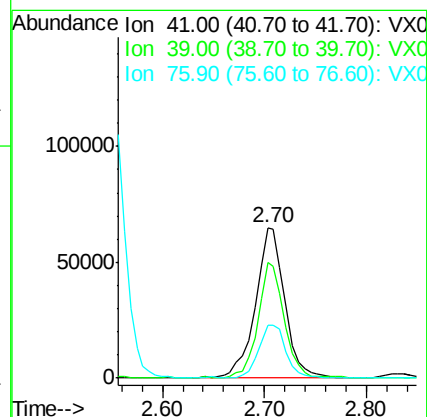
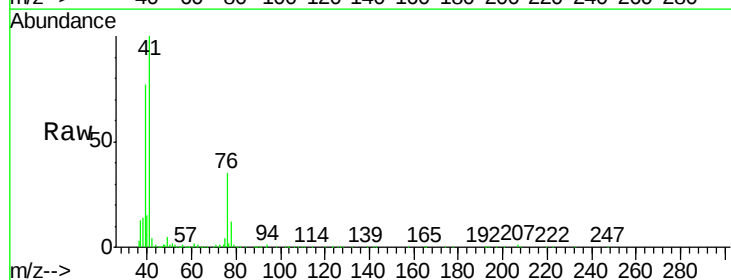
Tgt Ion: 41 Resp: 129635

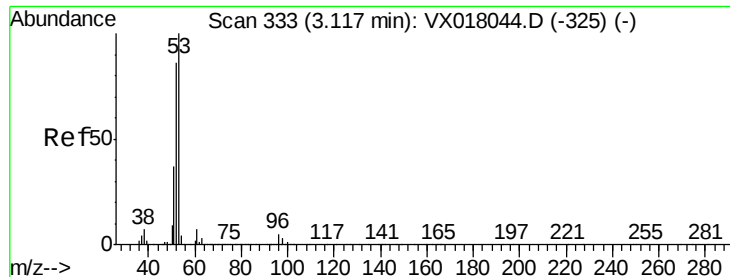
Ion Ratio Lower Upper

41 100

39 68.2 50.6 76.0

76 32.8 26.2 39.2





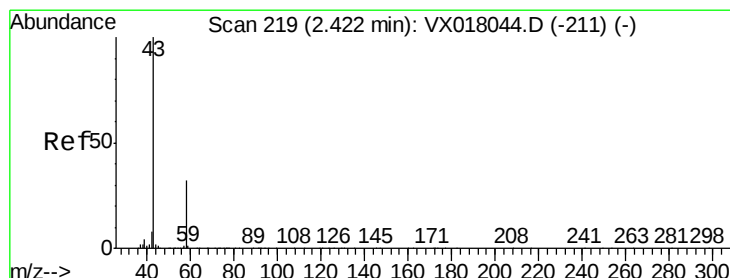
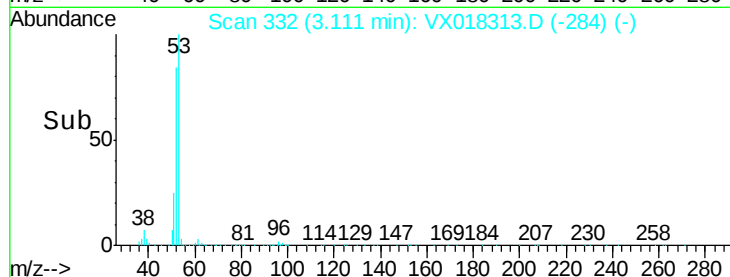
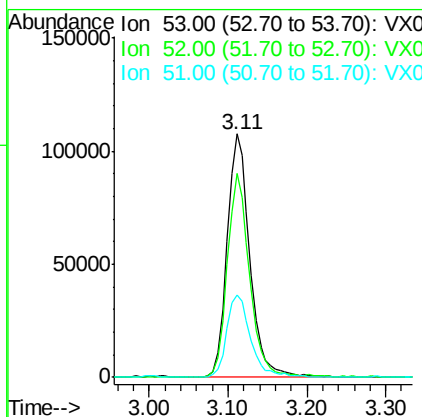
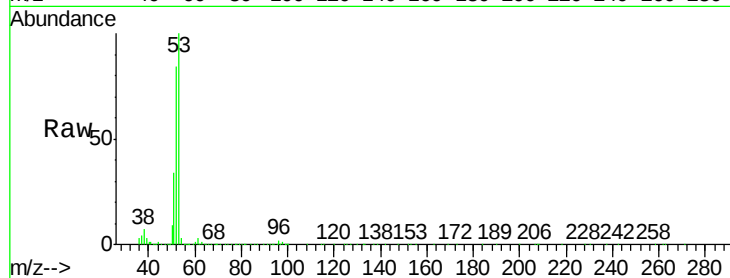
#15
Acrylonitrile
Concen: 81.618 ug/l
RT: 3.11 min Scan# 332
Delta R.T. -0.01 min
Lab File: VX018313.D
Acq: 09 Sep 2020 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0909WBS01

Tot Ion:	53	Resp:	215363
Ion Ratio	Lower	Upper	
53	100		
52	81.8	66.9	100.3
51	35.4	28.7	43.1

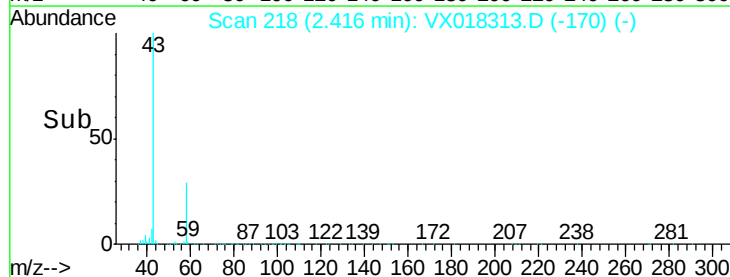
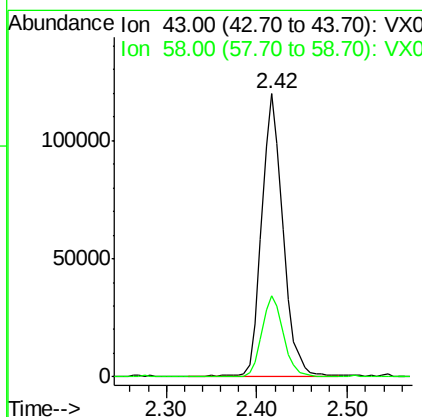
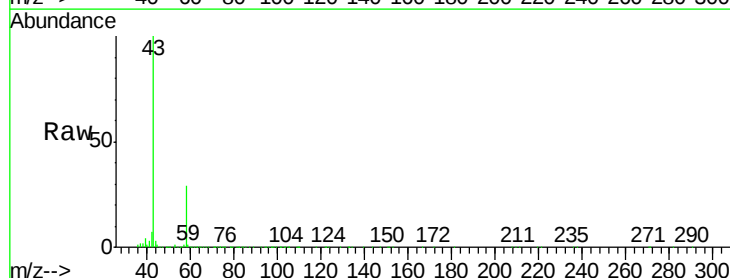
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#16
Acetone
Concen: 83.423 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX018313.D
Acq: 09 Sep 2020 11:35

Tgt Ion:	43	Resp:	194474
Ion Ratio	Lower	Upper	
43	100		
58	28.5	25.5	38.3





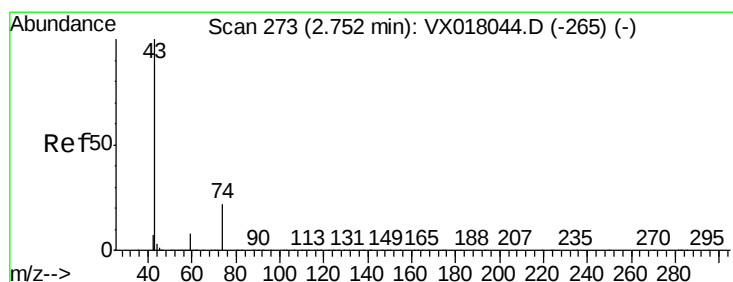
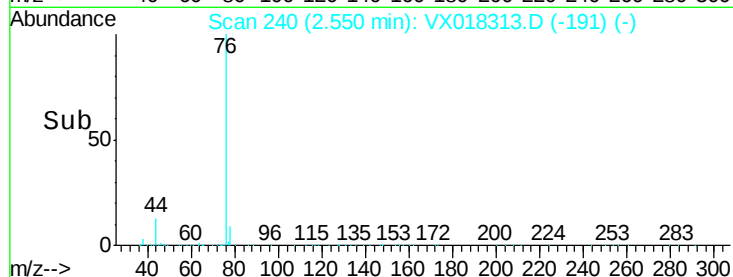
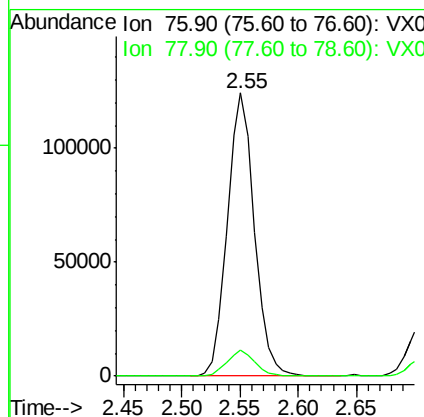
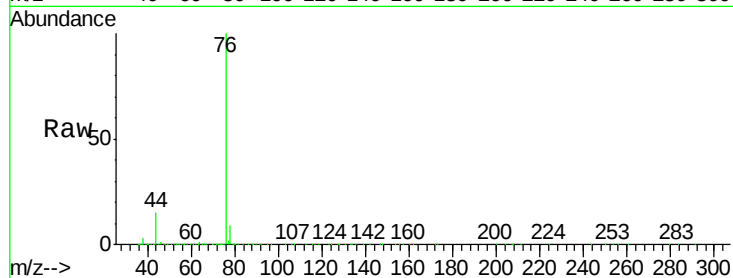
#17
Carbon Disulfide
Concen: 15.739 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018313.D
Acq: 09 Sep 2020 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0909WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.0

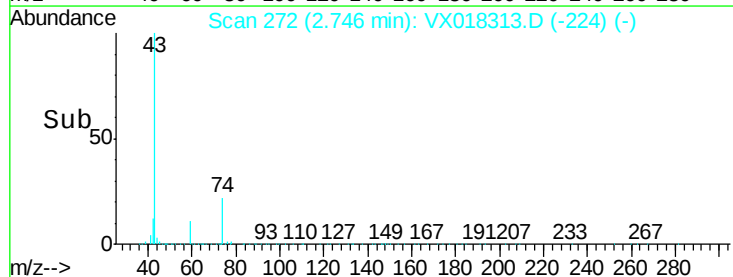
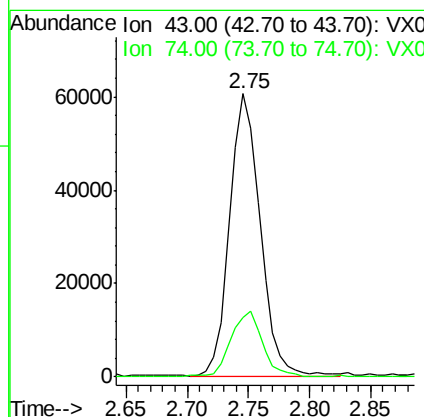
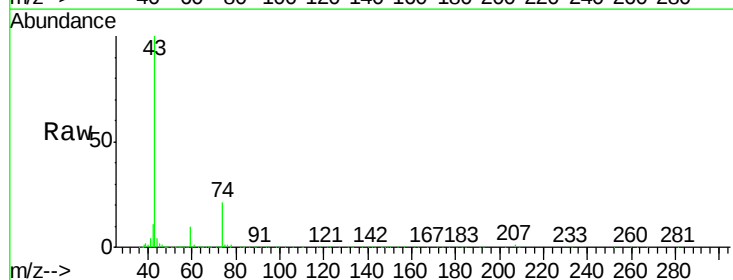
Manual Integrations
APPROVED

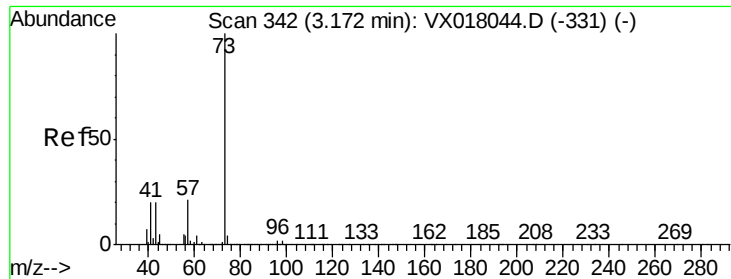
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#18
Methyl Acetate
Concen: 18.594 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX018313.D
Acq: 09 Sep 2020 11:35

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.3	18.2	27.4





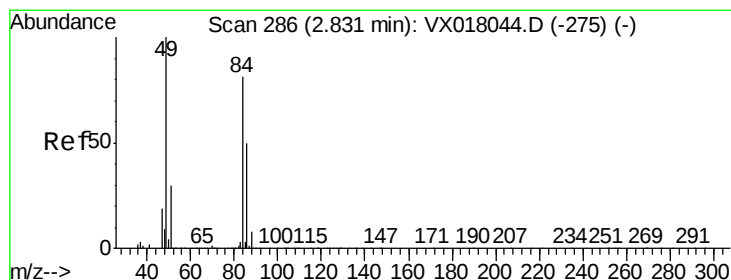
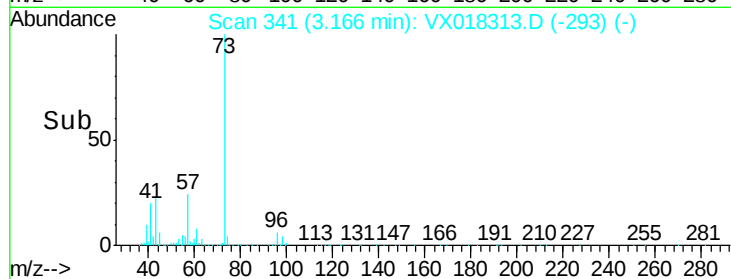
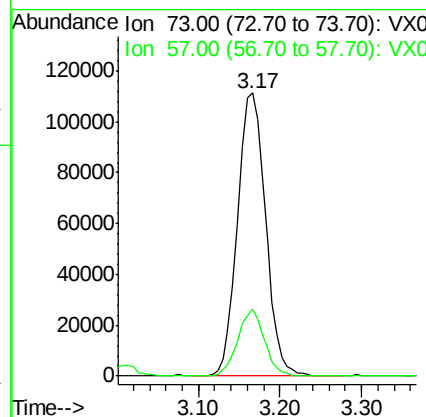
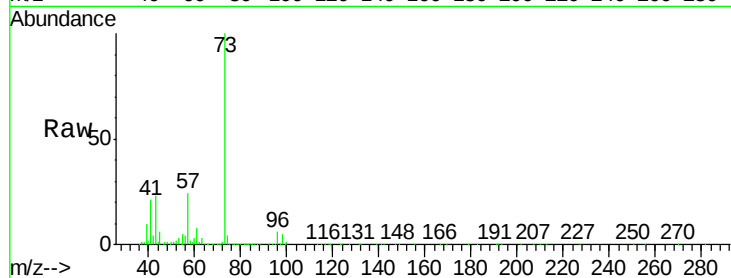
#19
Methvl tert-butvl Ether
Concen: 18.286 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018313.D
Acq: 09 Sep 2020 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0909WBS01

Tot Ion	73	Resp	264100
Ion Ratio	100	Lower	Upper
73	100		
57	23.7	16.8	25.2

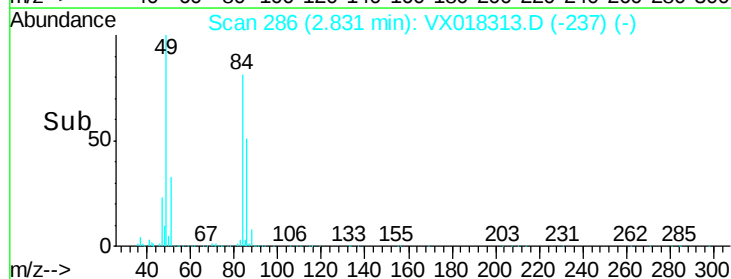
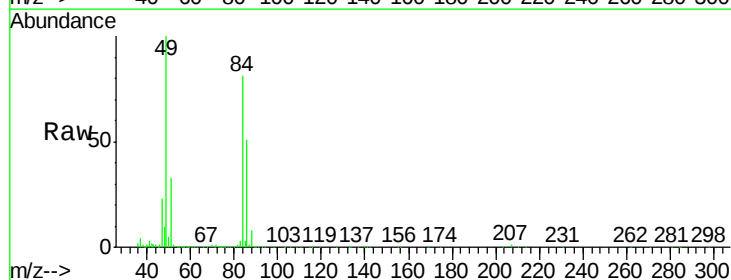
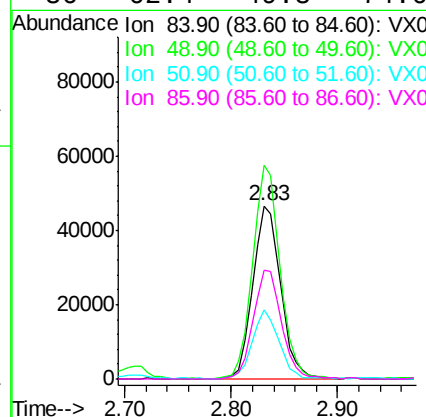
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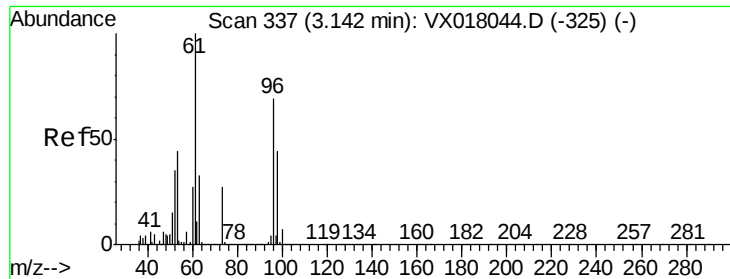
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#20
Methylene Chloride
Concen: 17.259 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018313.D
Acq: 09 Sep 2020 11:35

Tgt Ion	84	Resp	85909
Ion Ratio	100	Lower	Upper
84	100		
49	123.0	98.6	148.0
51	40.0	29.6	44.4
86	62.4	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 17.230 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

Instrument :

MSVOA_X

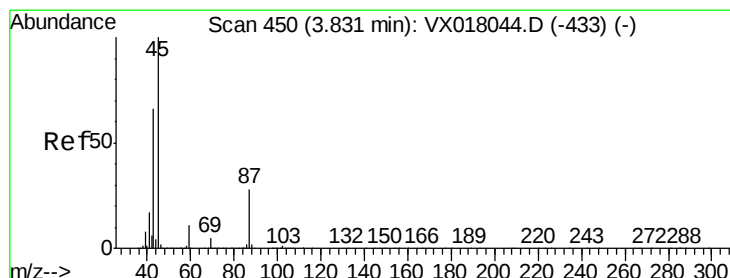
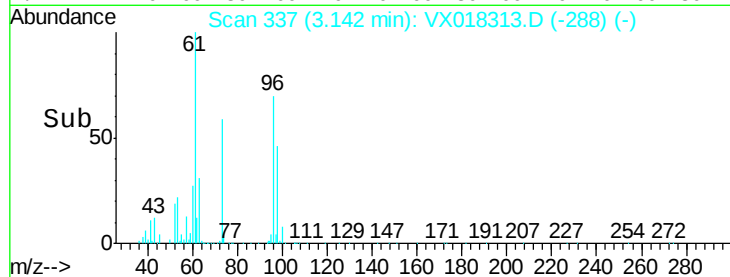
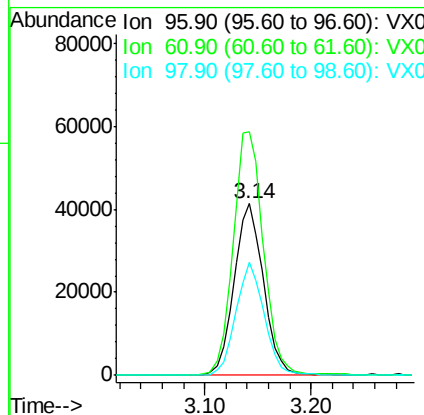
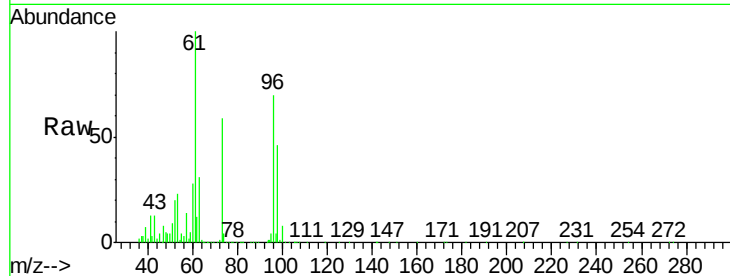
ClientSampleId :

VX0909WBS01

Tot Ion:	96	Resp:	80391
Ion Ratio	Lower	Upper	
96	100		
61	141.6	115.4	173.0
98	66.0	51.1	76.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 17.808 ug/l

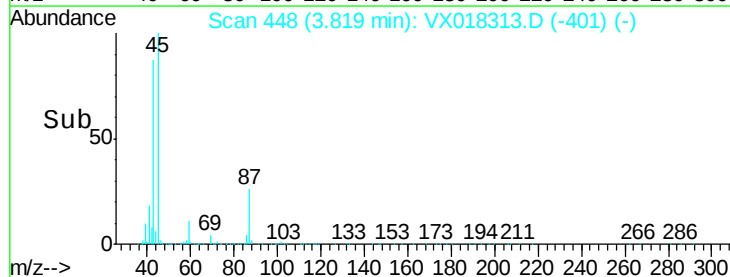
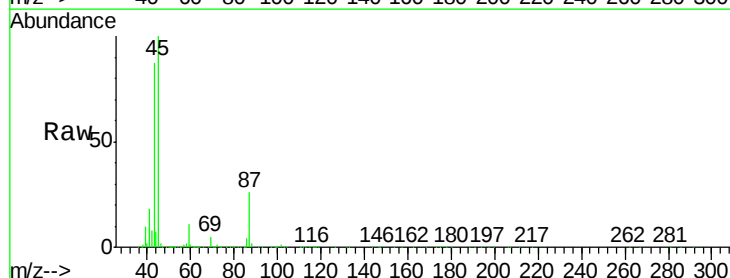
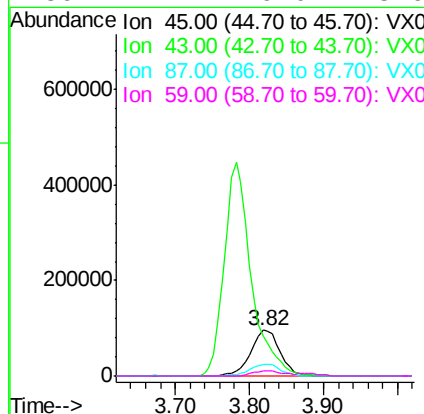
RT: 3.82 min Scan# 448

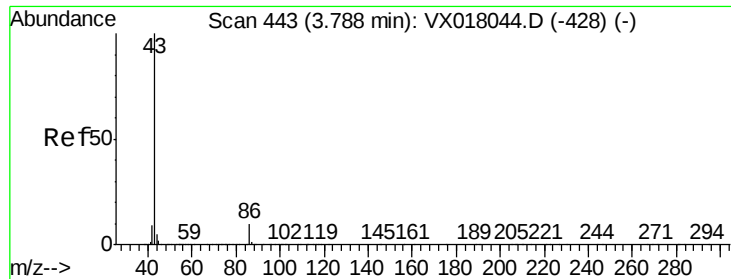
Delta R.T. -0.01 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

Tgt Ion:	45	Resp:	265929
Ion Ratio	Lower	Upper	
45	100		
43	86.5	52.8	79.2#
87	25.8	22.5	33.7
59	11.1	9.0	13.6





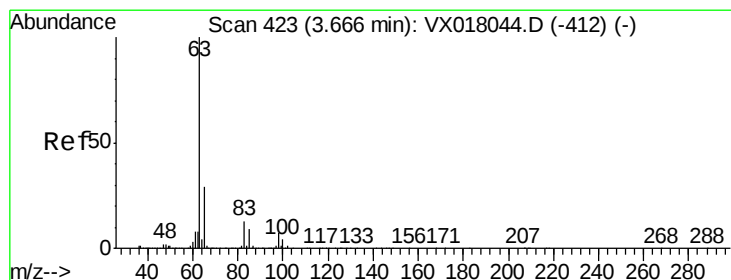
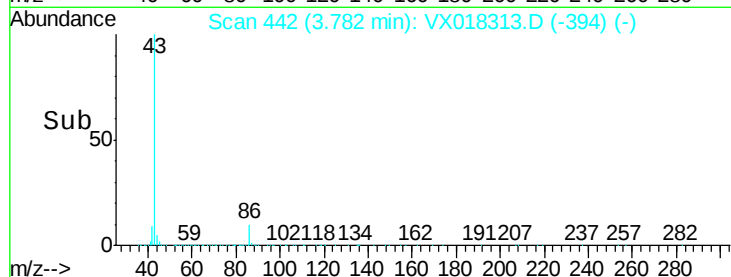
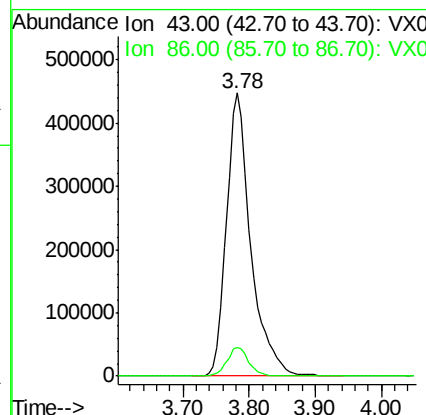
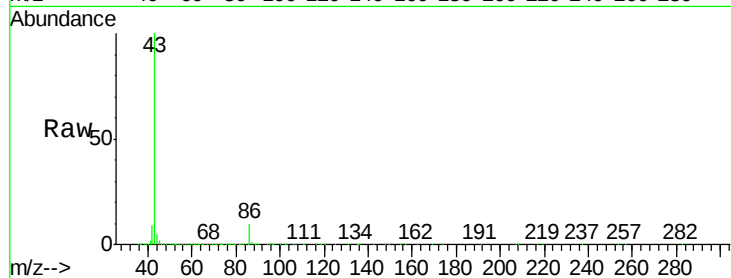
#23
 Vinyl Acetate
 Concen: 85.861 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. -0.01 min
 Lab File: VX018313.D
 Acq: 09 Sep 2020 11:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0909WBS01

Tot Ion: 43 Resp: 1140926
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.9 11.9

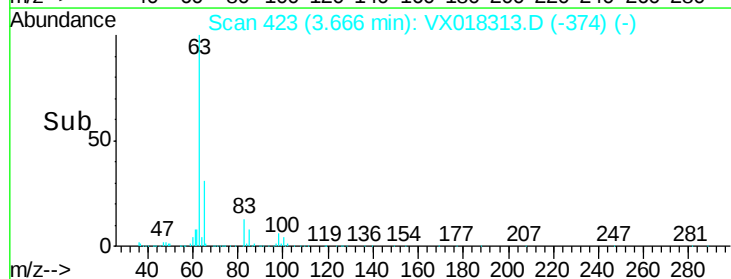
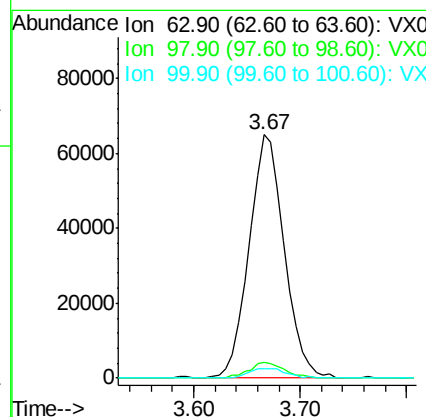
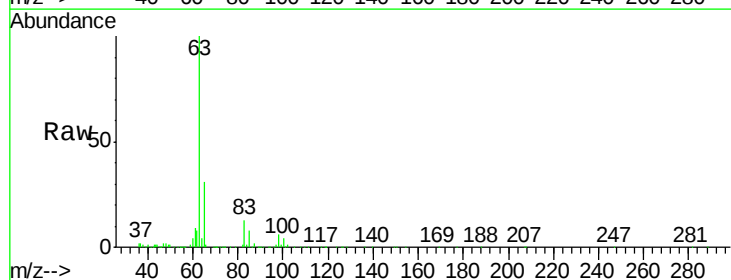
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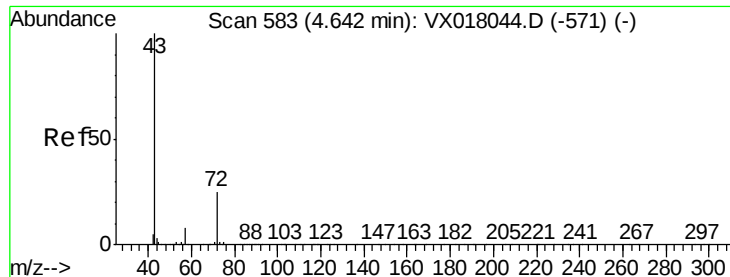
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#24
 1,1-Dichloroethane
 Concen: 17.650 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. -0.00 min
 Lab File: VX018313.D
 Acq: 09 Sep 2020 11:35

Tgt Ion: 63 Resp: 150037
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.6 10.8
 100 4.0 2.0 6.0





#25

2-Butanone

Concen: 79.631 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

Instrument :

MSVOA_X

ClientSampleId :

VX0909WBS01

Tot Ion: 43 Resp: 305081

Ion Ratio Lower Upper

43 100

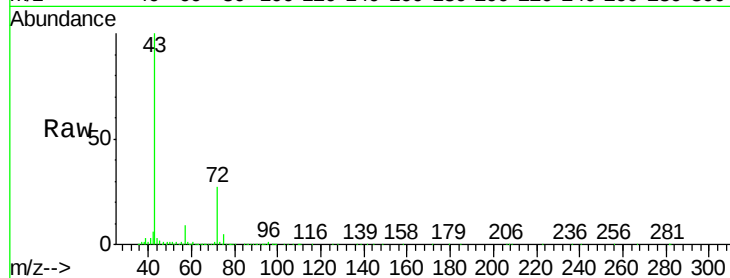
72 26.9 19.8 29.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

120000

100000

80000

60000

40000

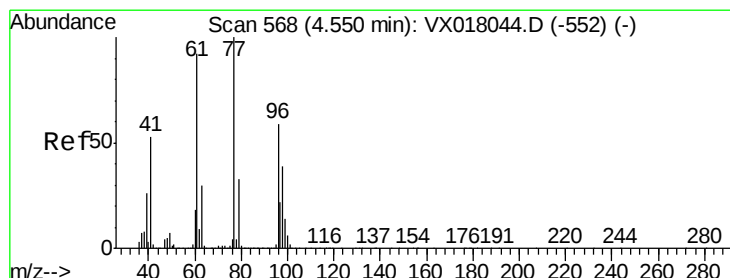
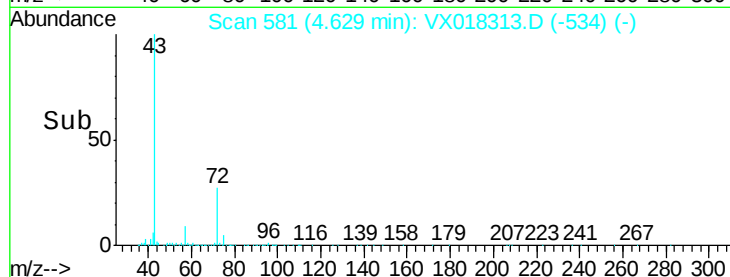
20000

0

4.63

4.50 4.60 4.70

Time-->



#26

2,2-Dichloropropane

Concen: 20.308 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX018313.D

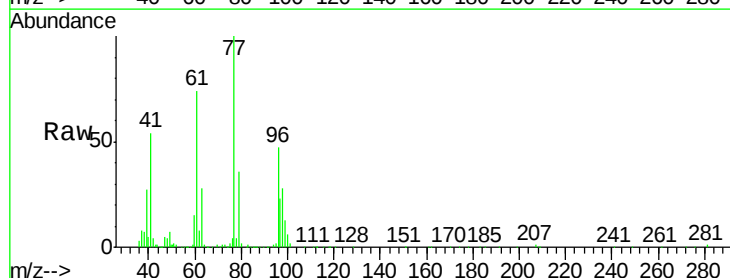
Acq: 09 Sep 2020 11:35

Tgt Ion: 77 Resp: 140462

Ion Ratio Lower Upper

77 100

97 22.9 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

20000

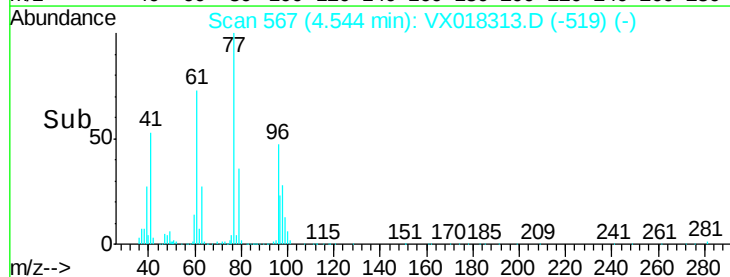
10000

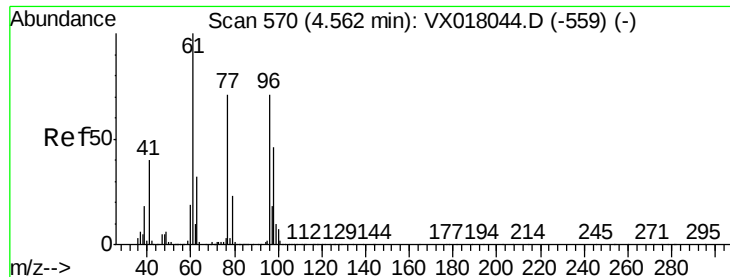
0

4.54

4.40 4.50 4.60

Time-->





#27

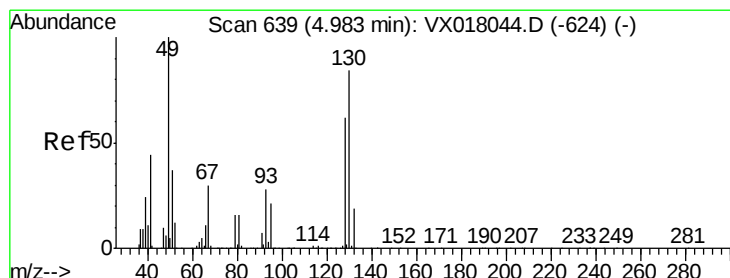
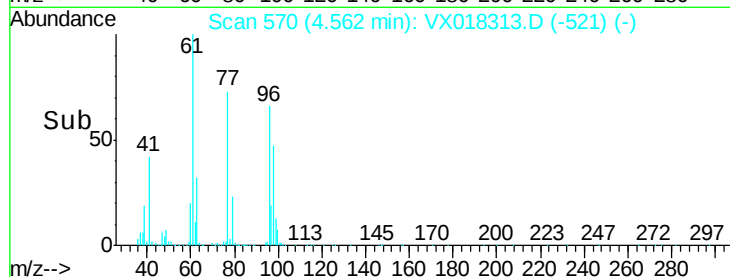
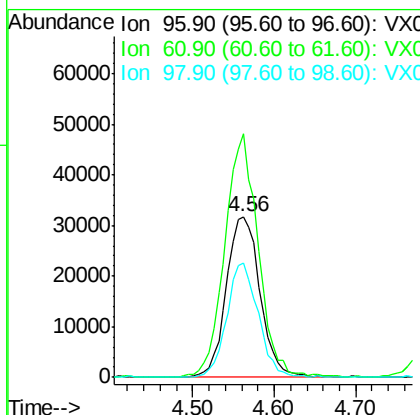
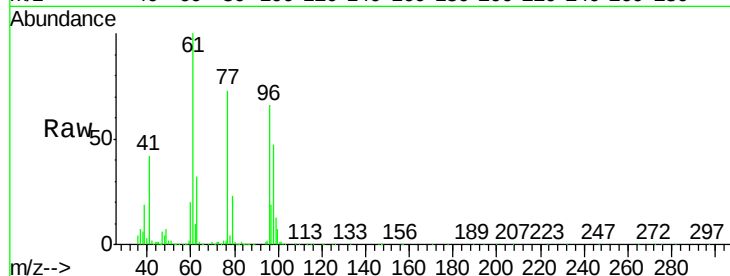
cis-1,2-Dichloroethene
 Concen: 16.915 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX018313.D
 Acq: 09 Sep 2020 11:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0909WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.9	0.0	296.6
98	65.9	0.0	130.2

Manual Integrations
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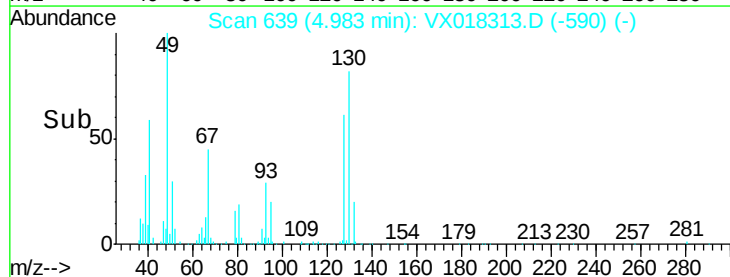
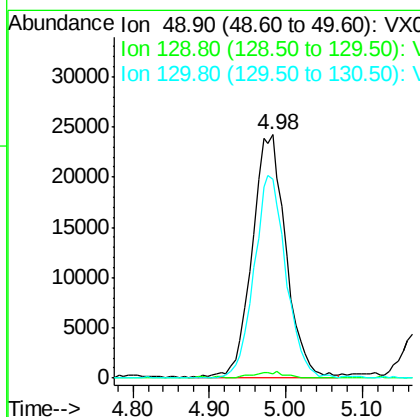
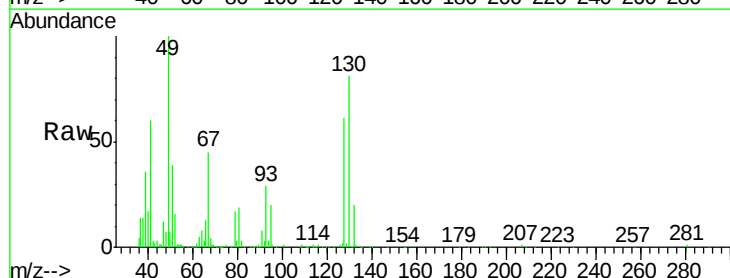
MMDadoda
 9/10/2020 4:03:14 PM



#28

Bromochloromethane
 Concen: 18.104 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX018313.D
 Acq: 09 Sep 2020 11:35

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.6
130	79.0	64.6	96.8





#29

Tetrahydrofuran

Concen: 78.309 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

Instrument :

MSVOA_X

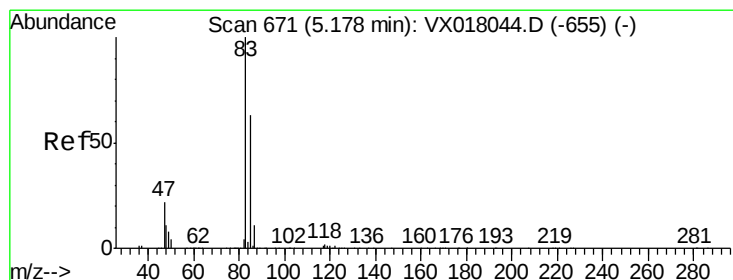
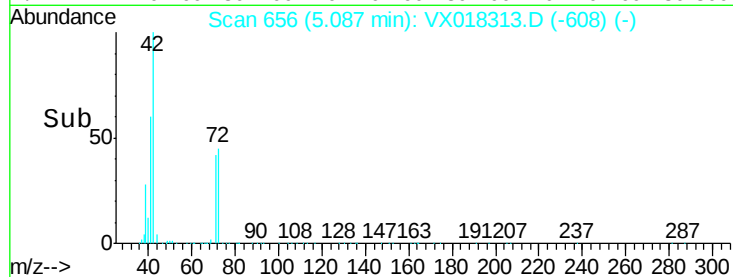
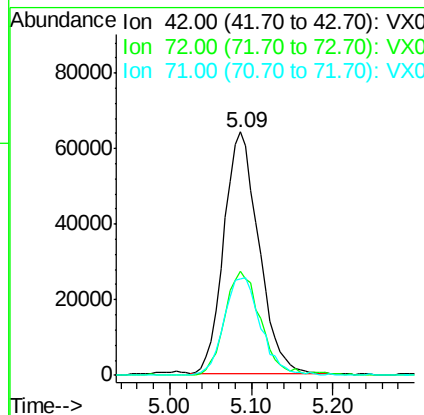
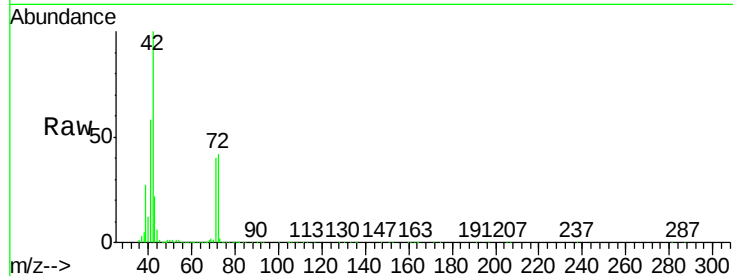
ClientSampleId :

VX0909WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.6	34.2	51.4
71	42.4	32.1	48.1

Manual Integrations
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#30

Chloroform

Concen: 18.502 ug/l

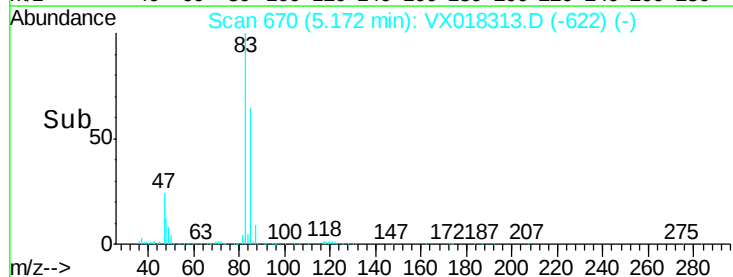
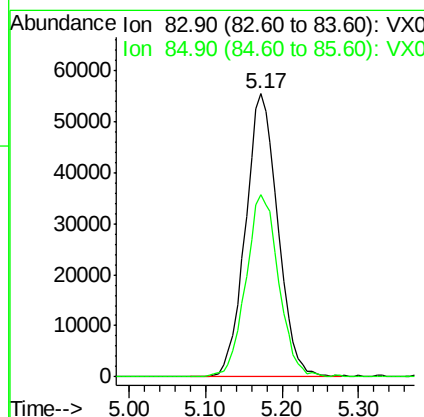
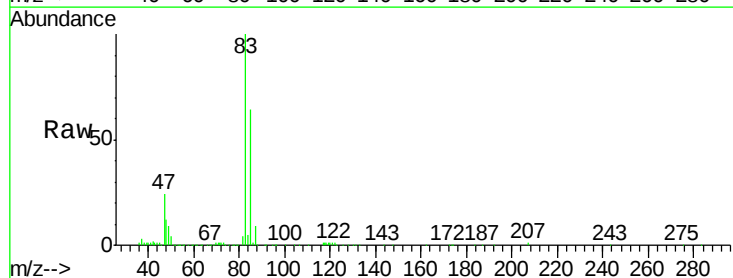
RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.7	76.1





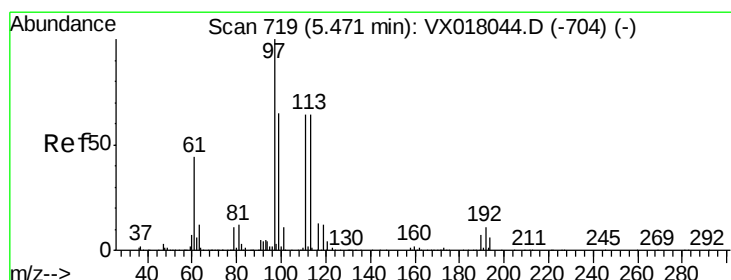
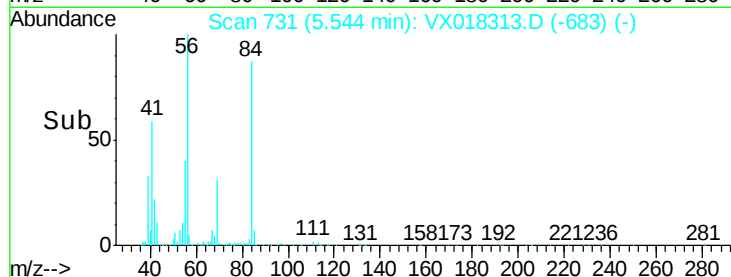
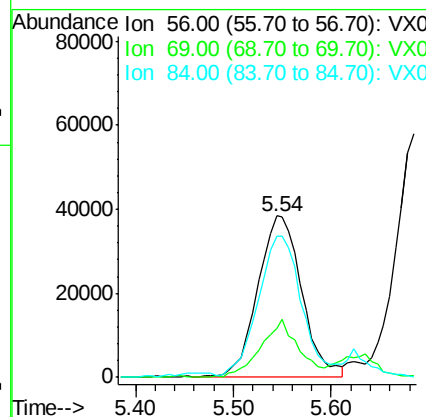
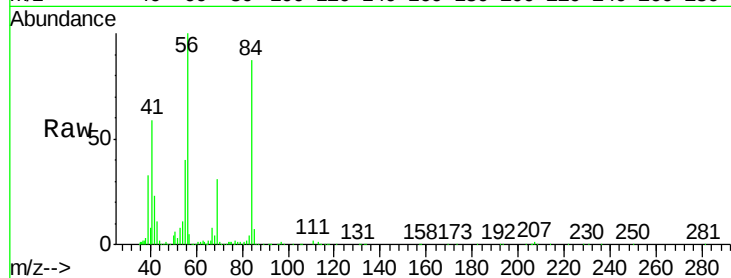
#31
Cyclohexane
Concen: 16.714 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX018313.D
Acq: 09 Sep 2020 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0909WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.2	23.9	35.9
84	84.8	67.0	100.4

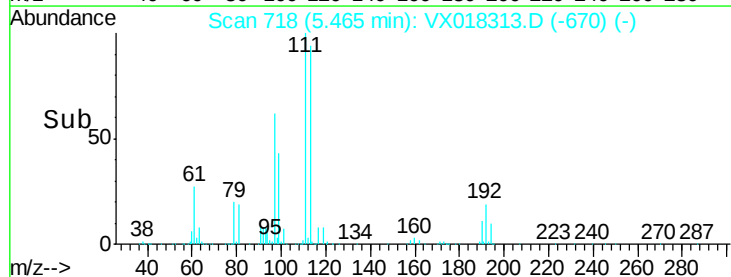
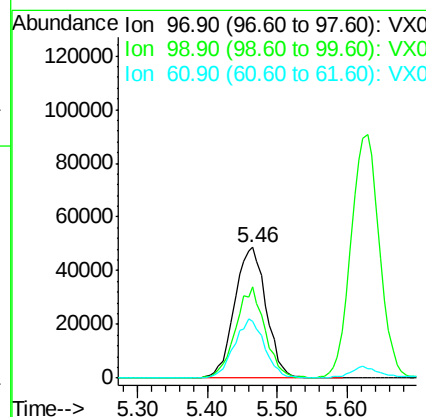
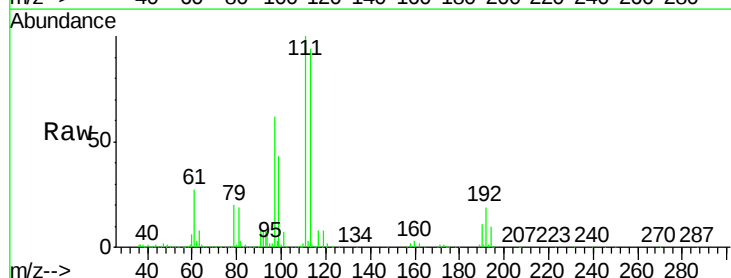
Manual Integrations
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#32
1,1,1-Trichloroethane
Concen: 18.871 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018313.D
Acq: 09 Sep 2020 11:35

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.4	77.0
61	43.1	34.2	51.4





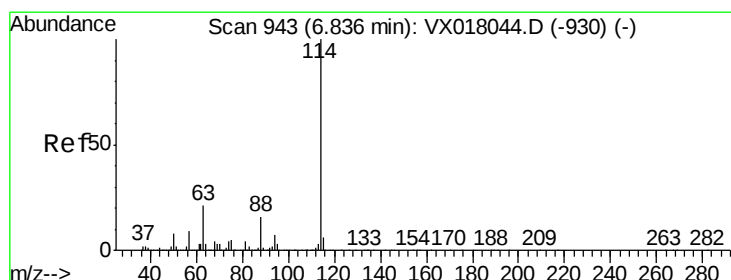
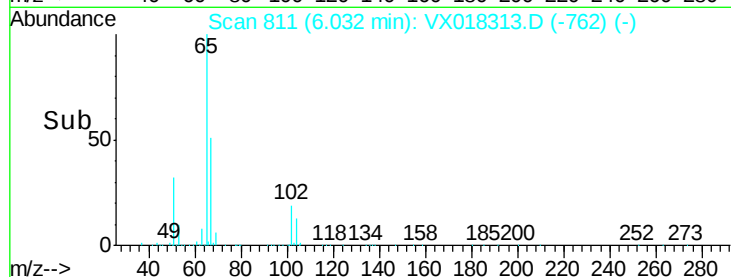
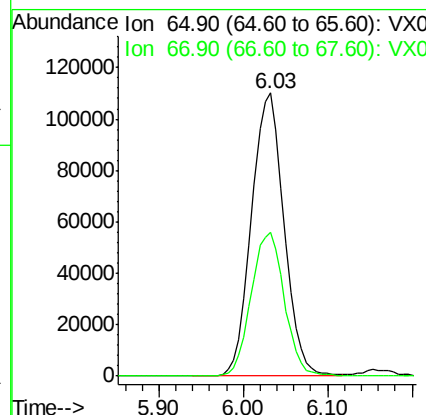
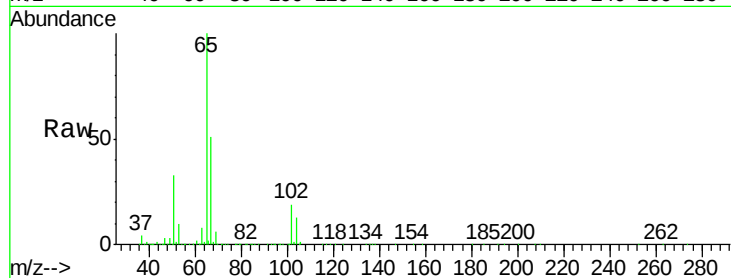
#33
 1,2-Dichloroethane-d4
 Concen: 48.115 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018313.D
 Acq: 09 Sep 2020 11:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0909WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	287852		
67	52.0	0.0	105.8	

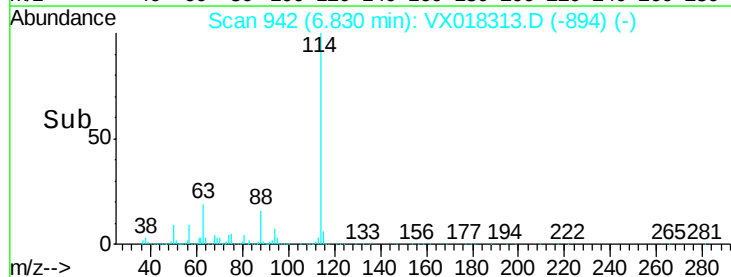
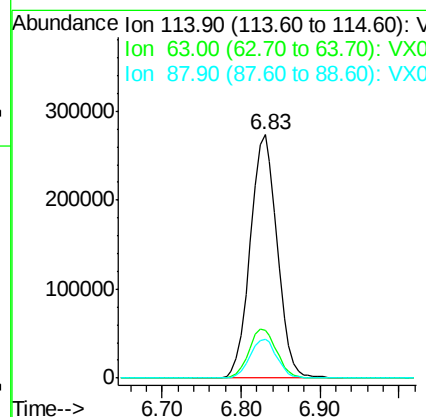
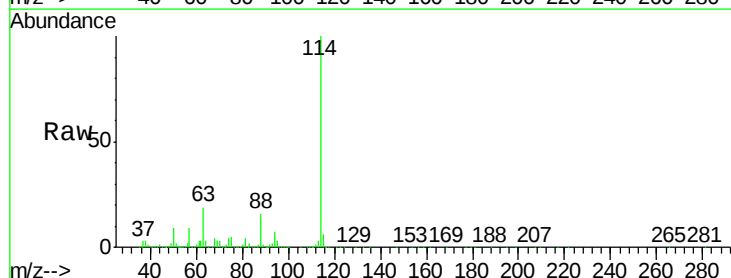
Manual Integrations
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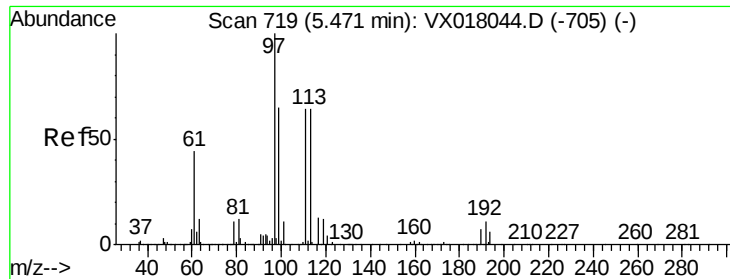
MMDadoda
 9/10/2020 4:03:14 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018313.D
 Acq: 09 Sep 2020 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	648391		
63	19.5	0.0	42.6	
88	16.2	0.0	31.8	





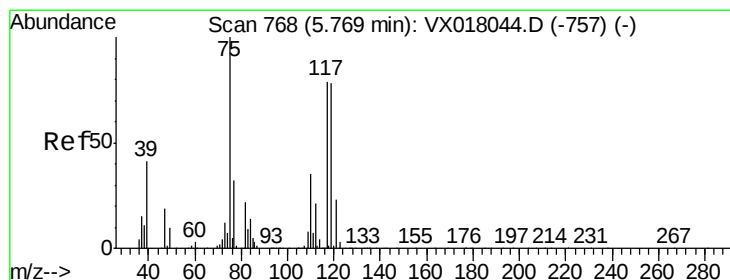
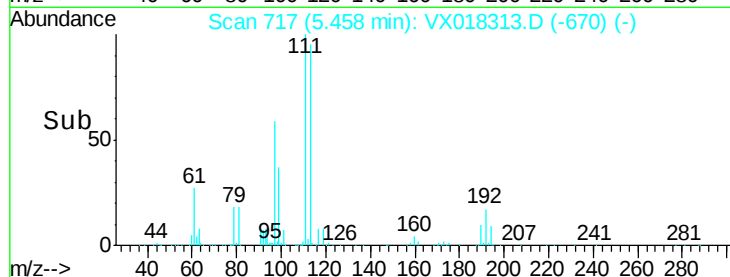
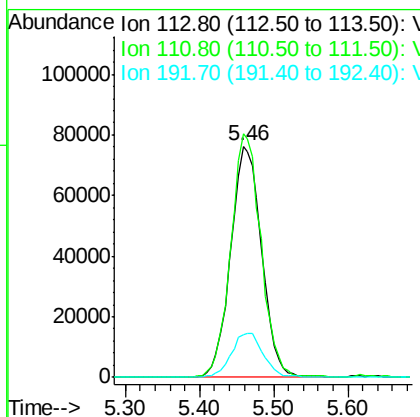
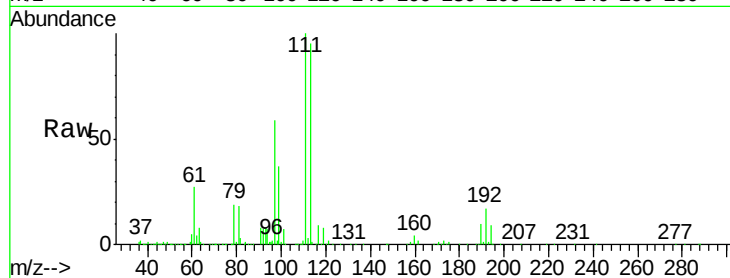
#35
Dibromofluoromethane
Concen: 50.272 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX018313.D
Acq: 09 Sep 2020 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0909WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	221994		
111	102.7		81.6	122.4
192	19.7		15.8	23.8

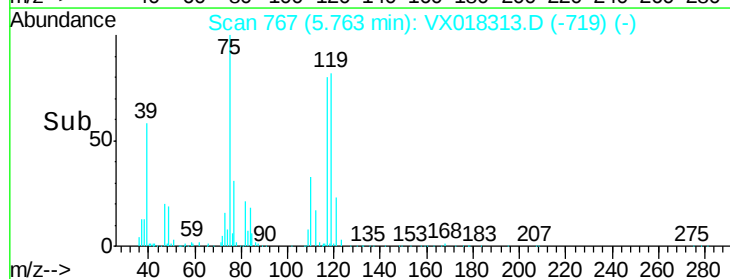
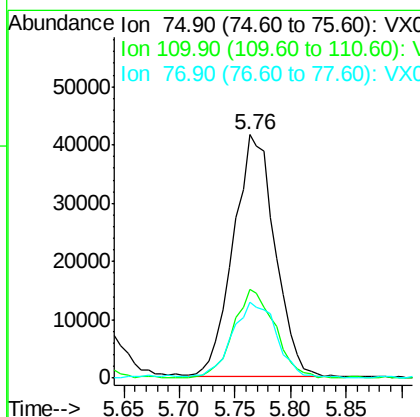
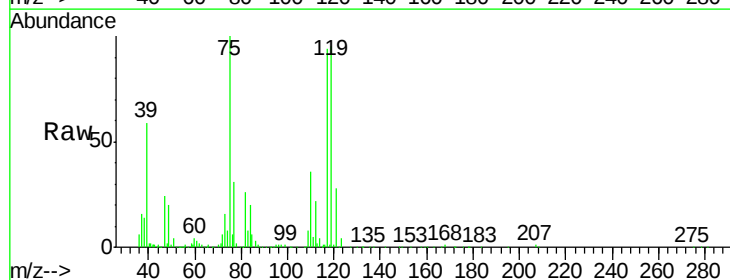
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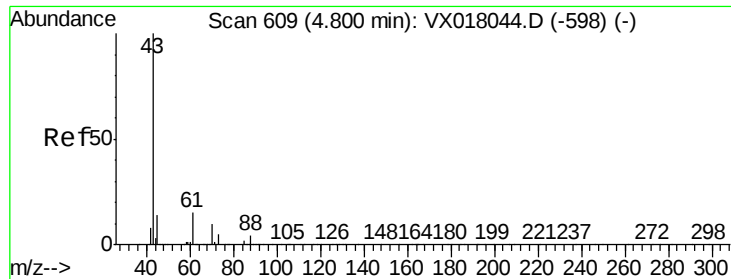
MMDadoda
9/10/2020 4:03:14 PM



#36
1,1-Dichloropropene
Concen: 18.158 ug/l
RT: 5.76 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX018313.D
Acq: 09 Sep 2020 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	108592		
110	36.8		18.0	54.0
77	33.8		24.4	36.6





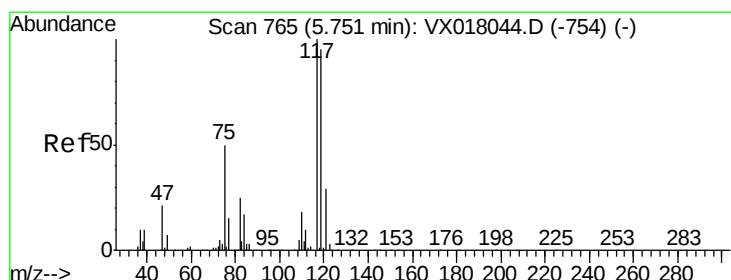
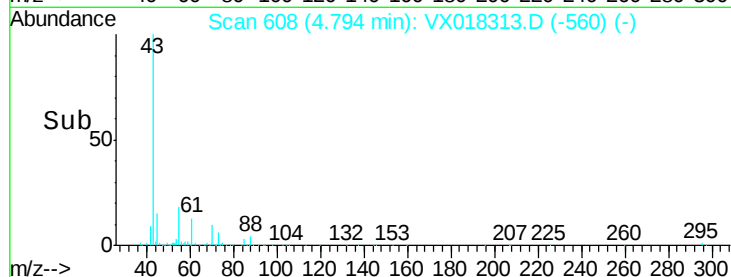
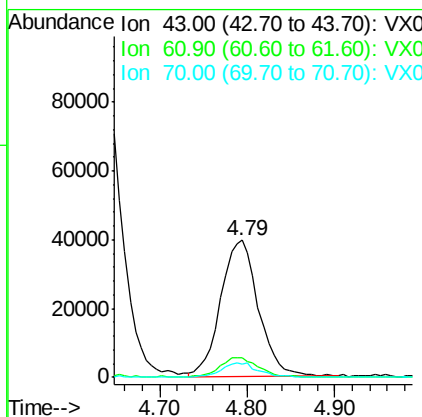
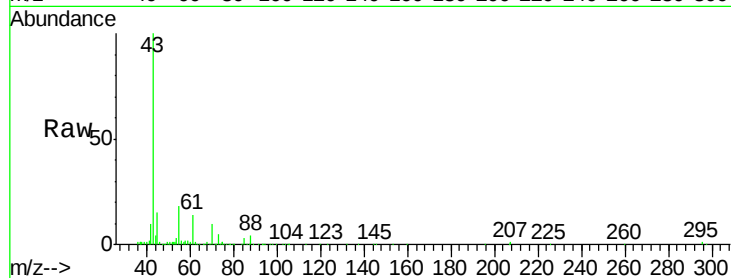
#37
Ethyl Acetate
Concen: 17.065 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018313.D
Acq: 09 Sep 2020 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0909WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.3	16.9
70	10.1	8.2	12.4

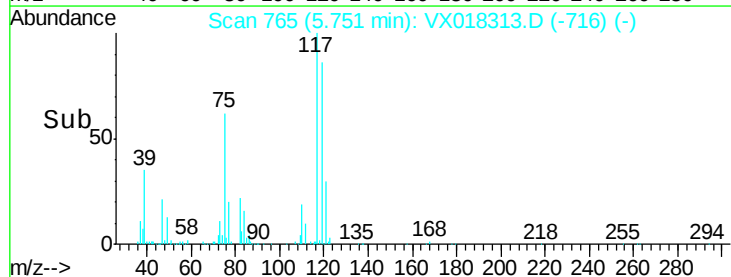
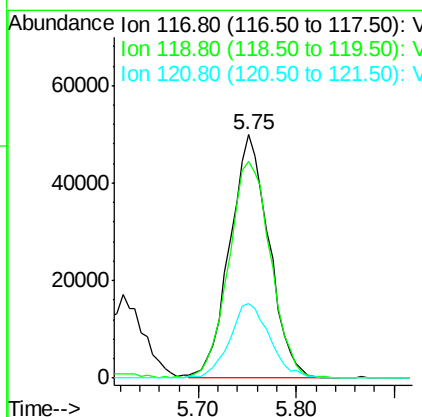
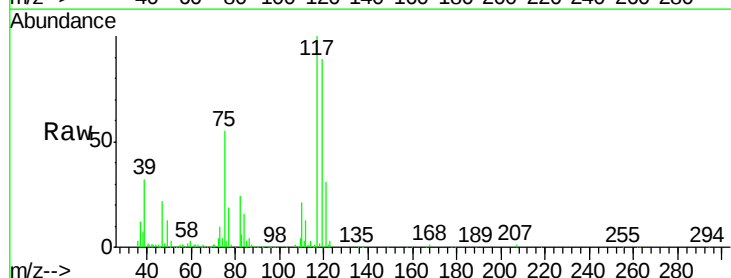
Manual Integrations
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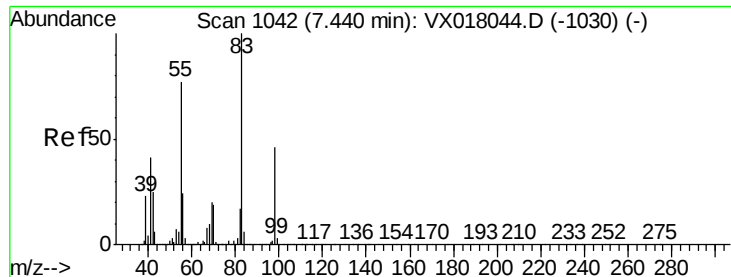
MMDadoda
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#38
Carbon Tetrachloride
Concen: 20.593 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX018313.D
Acq: 09 Sep 2020 11:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	88.6	75.8	113.6
121	30.5	23.4	35.0





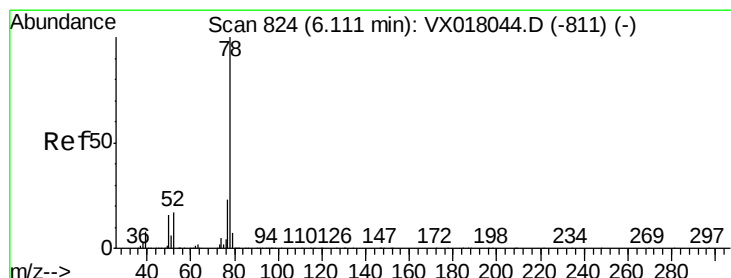
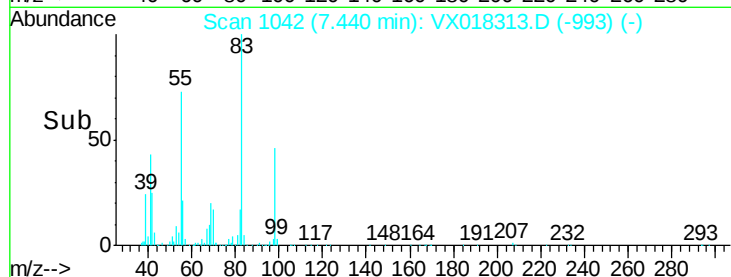
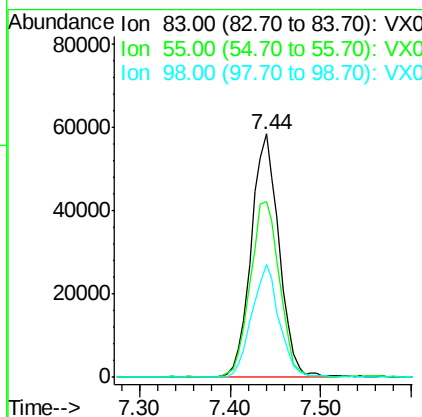
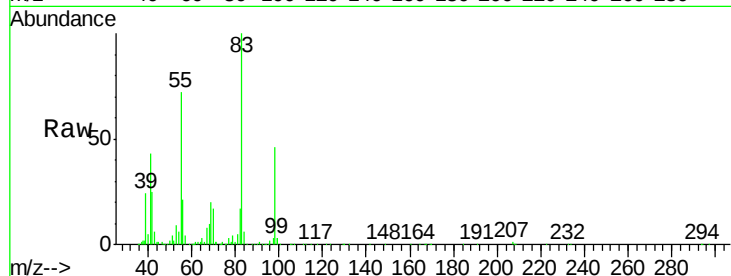
#39
Methvlcvclohexane
Concen: 19.032 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018313.D
Acq: 09 Sep 2020 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0909WBS01

Tot Ion:	83	Resp:	124461
Ion Ratio	Lower	Upper	
83	100		
55	72.1	61.8	92.6
98	45.9	36.6	55.0

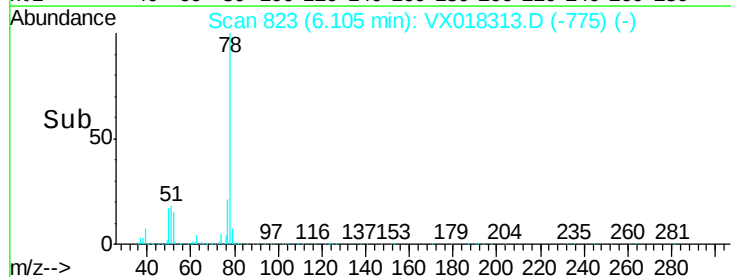
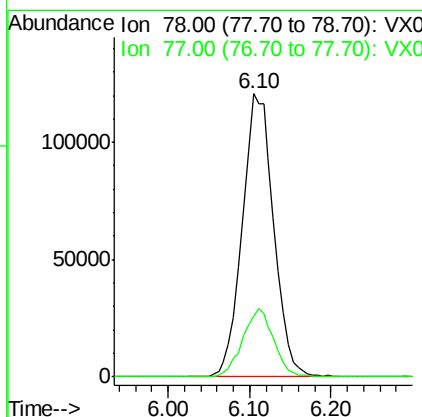
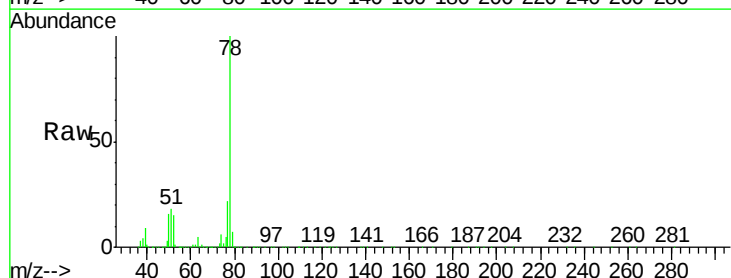
Manual Integrations
APPROVED

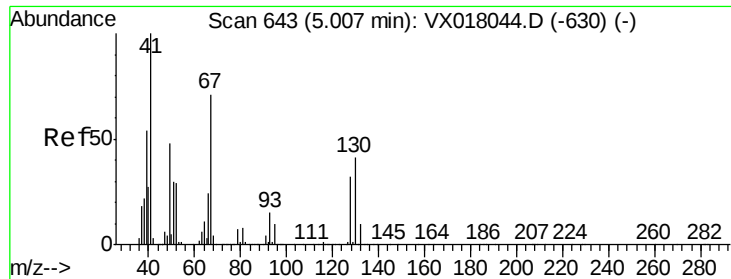
MMDadoda
9/10/2020 4:03:14 PM



#40
Benzene
Concen: 18.344 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX018313.D
Acq: 09 Sep 2020 11:35

Tgt Ion:	78	Resp:	322363
Ion Ratio	Lower	Upper	
78	100		
77	21.6	18.2	27.2





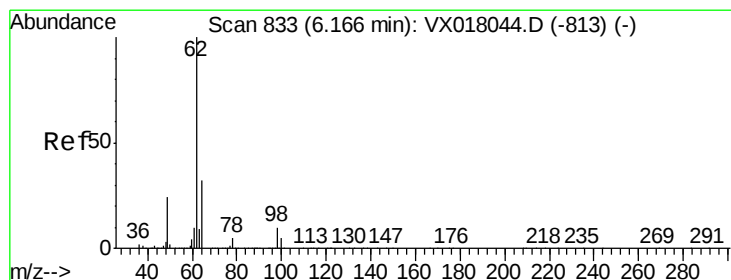
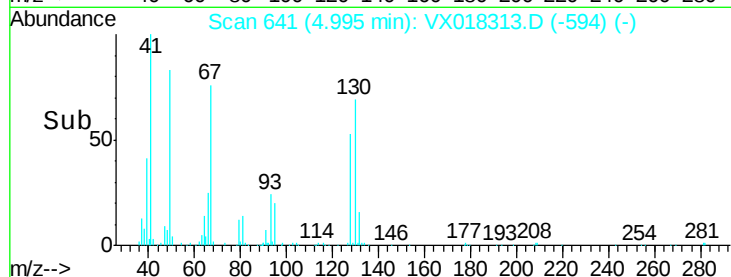
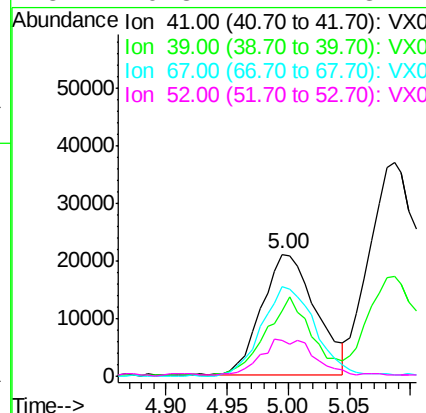
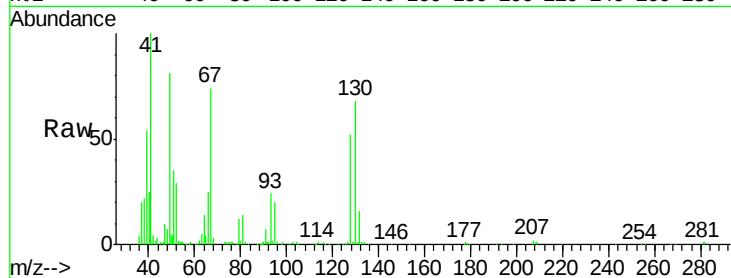
#41
Methacrylonitrile
Concen: 16.871 ug/l
RT: 5.00 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX018313.D
Acq: 09 Sep 2020 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0909WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	57.9	43.1	64.7
67	74.2	56.0	84.0
52	29.3	22.7	34.1

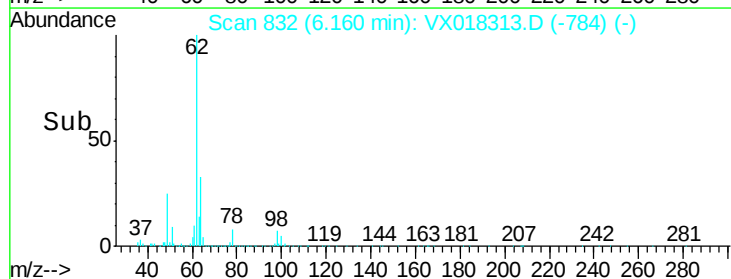
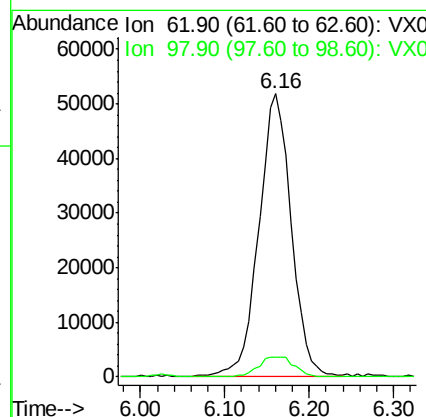
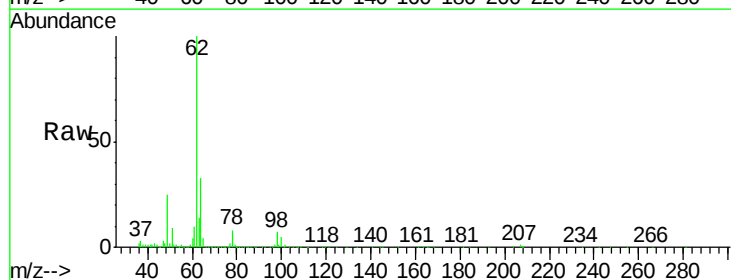
Manual Integrations
APPROVED

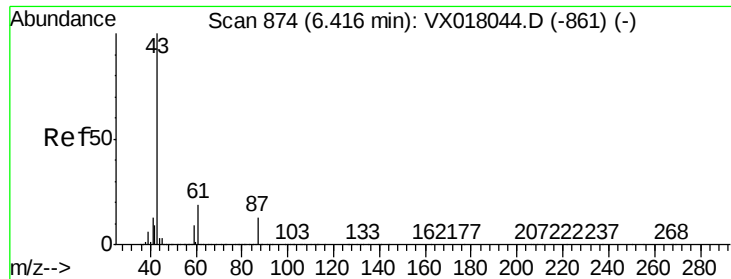
MMDadoda
9/10/2020 4:03:14 PM



#42
1,2-Dichloroethane
Concen: 20.098 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018313.D
Acq: 09 Sep 2020 11:35

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	18.2





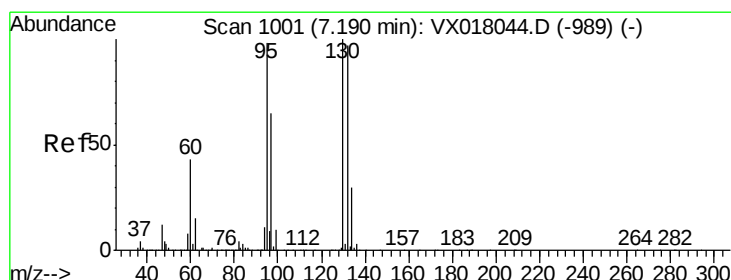
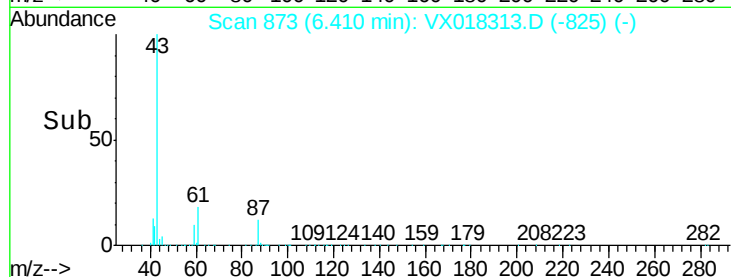
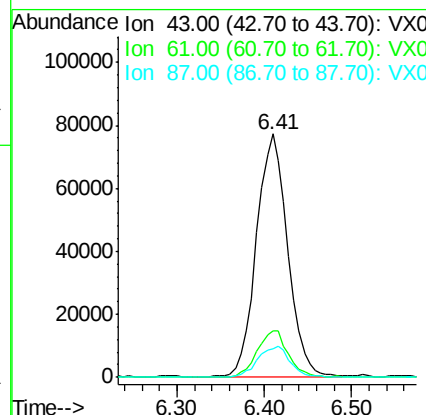
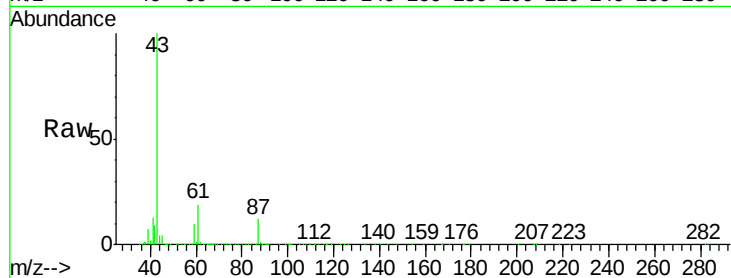
#43
Isopropyl Acetate
Concen: 17.200 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX018313.D
Acq: 09 Sep 2020 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0909WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.7	23.5
87	13.3	10.3	15.5

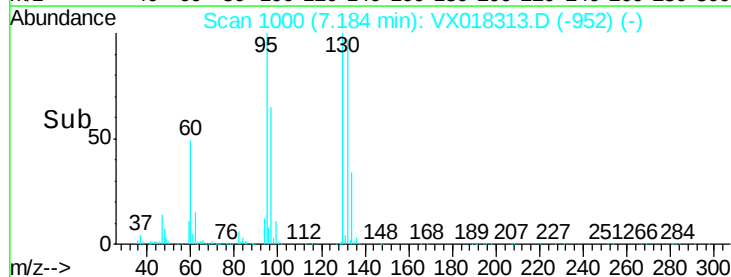
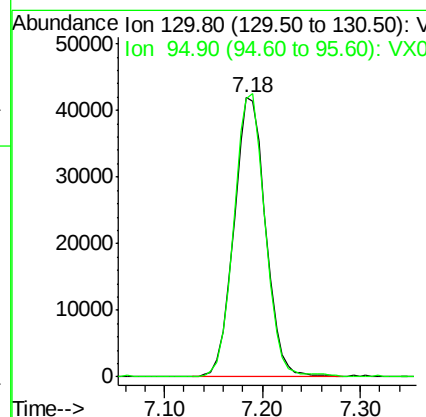
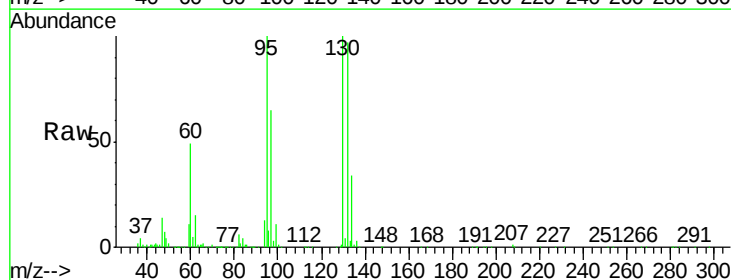
Manual Integrations
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#44
Trichloroethene
Concen: 18.904 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.01 min
Lab File: VX018313.D
Acq: 09 Sep 2020 11:35

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.4	0.0	196.4





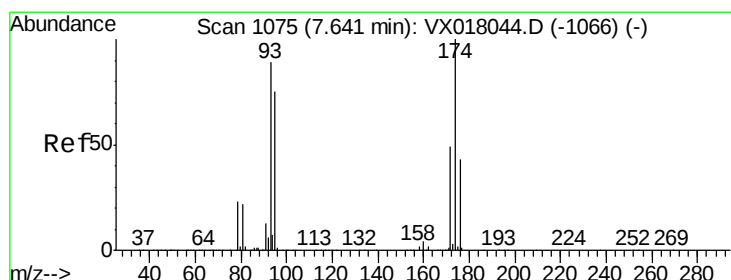
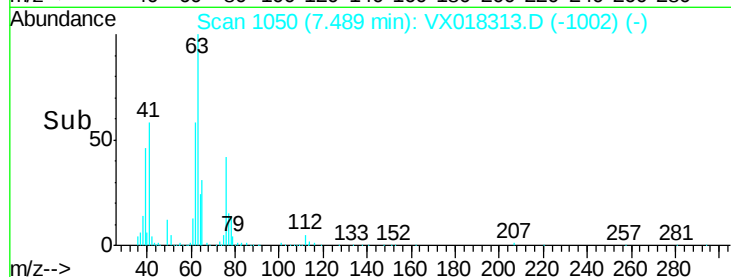
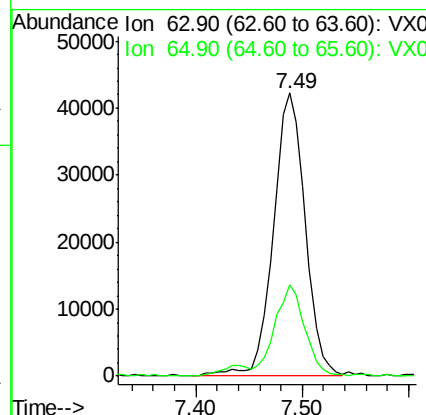
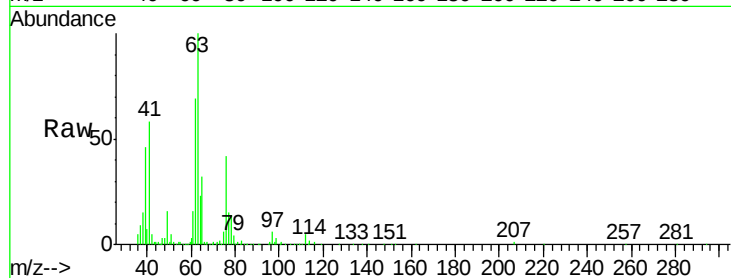
#45
 1,2-Dichloropropane
 Concen: 18.357 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX018313.D
 Acq: 09 Sep 2020 11:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0909WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.7	38.5

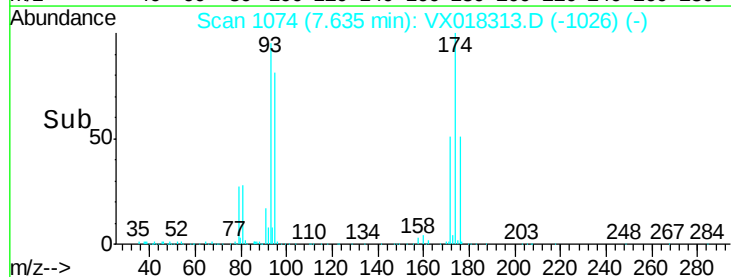
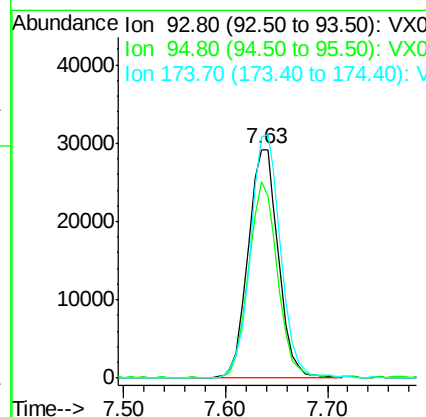
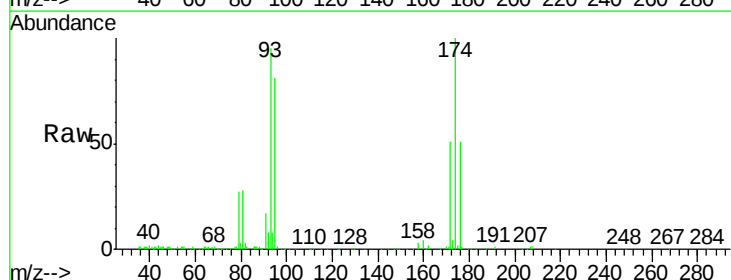
Manual Integrations
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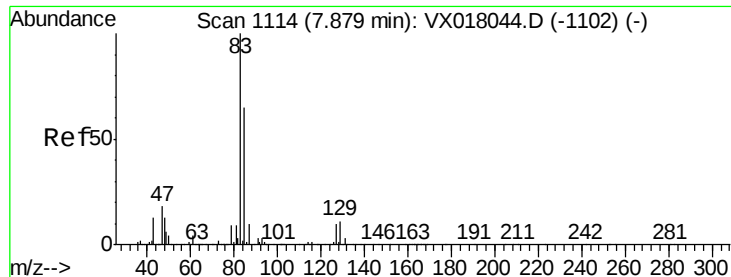
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#46
 Dibromomethane
 Concen: 18.086 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX018313.D
 Acq: 09 Sep 2020 11:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.5	67.3	100.9
174	106.7	82.2	123.2





#47

Bromodichloromethane

Concen: 19.610 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

Instrument :

MSVOA_X

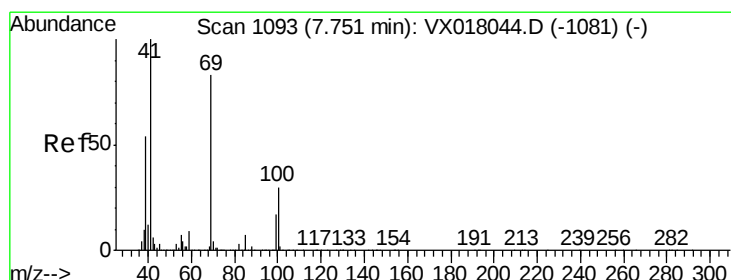
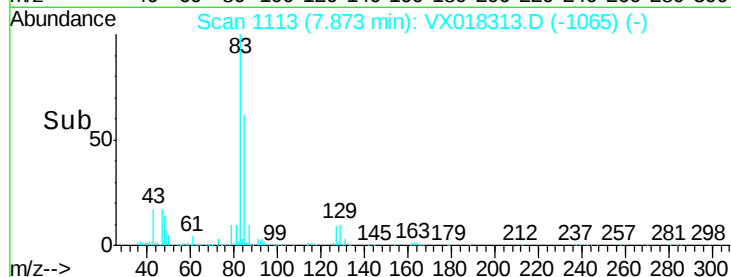
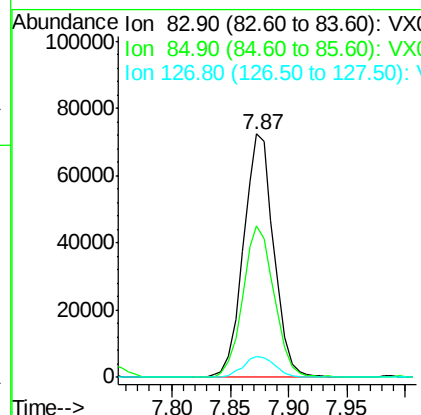
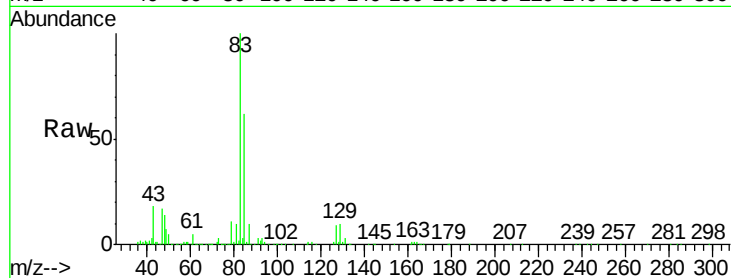
ClientSampleId :

VX0909WBS01

Tot Ion:	83	Resp:	130410
Ion Ratio	Lower	Upper	
83	100		
85	62.0	51.8	77.6
127	8.8	7.7	11.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 16.678 ug/l

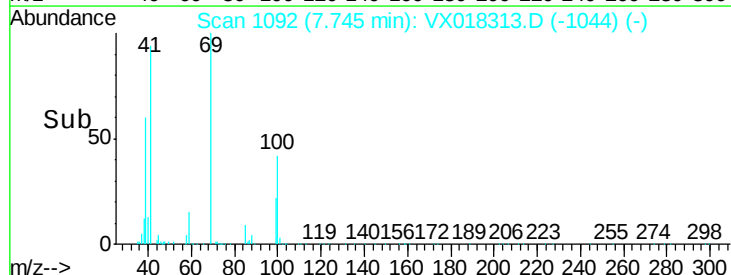
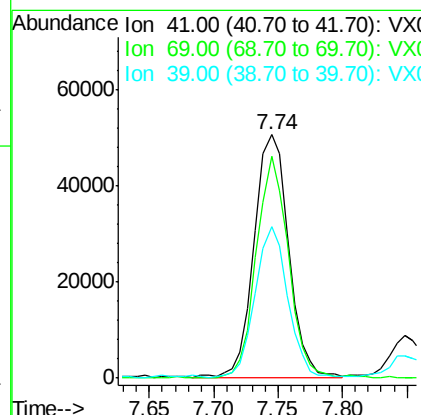
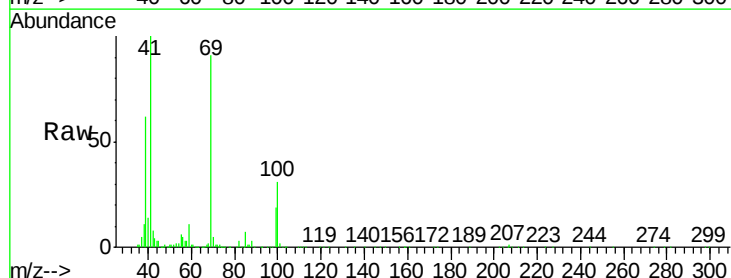
RT: 7.74 min Scan# 1092

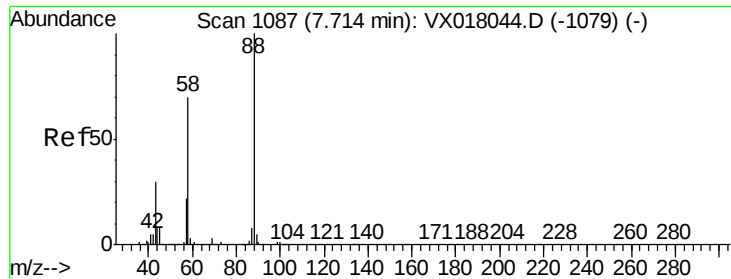
Delta R.T. -0.01 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

Tgt Ion:	41	Resp:	93145
Ion Ratio	Lower	Upper	
41	100		
69	84.7	65.5	98.3
39	59.1	44.5	66.7





#49

1,4-Dioxane

Concen: 325.736 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

Instrument :

MSVOA_X

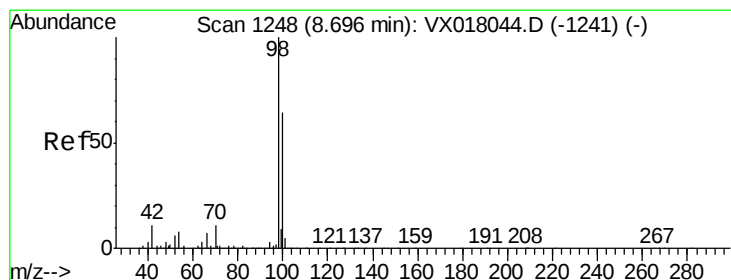
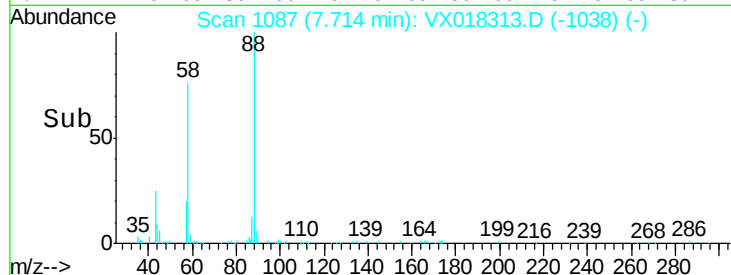
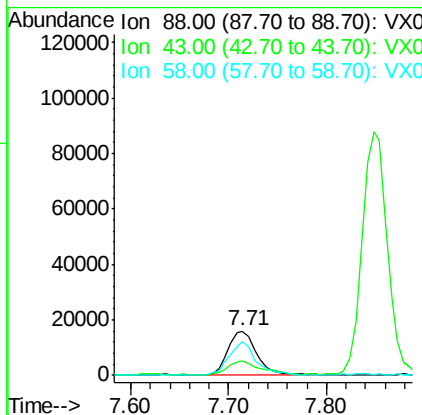
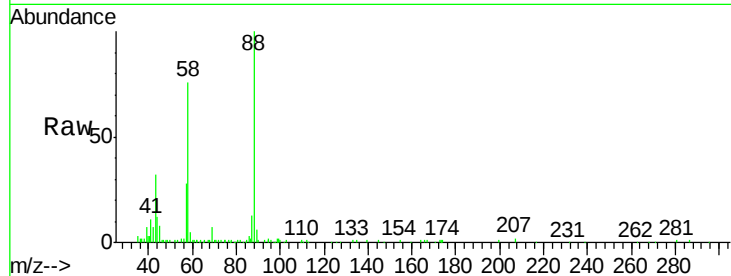
ClientSampleId :

VX0909WBS01

Tot Ion:	88	Resp:	32953
Ion	Ratio	Lower	Upper
88	100		
43	35.7	27.4	41.0
58	72.4	56.4	84.6

Manual Integrations
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#50

Toluene-d8

Concen: 47.525 ug/l

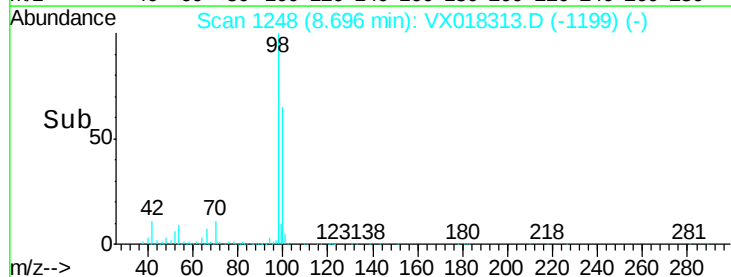
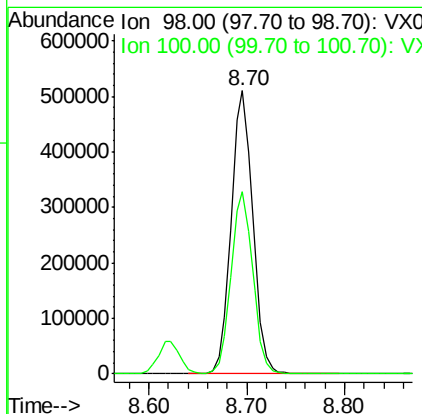
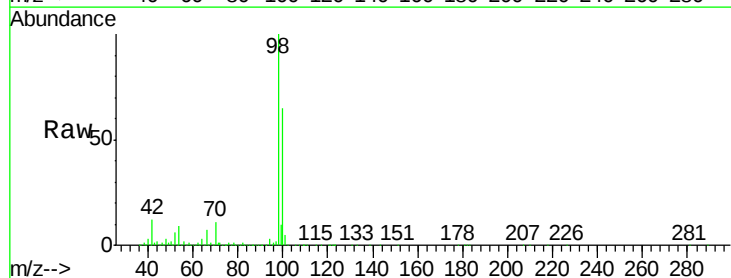
RT: 8.70 min Scan# 1248

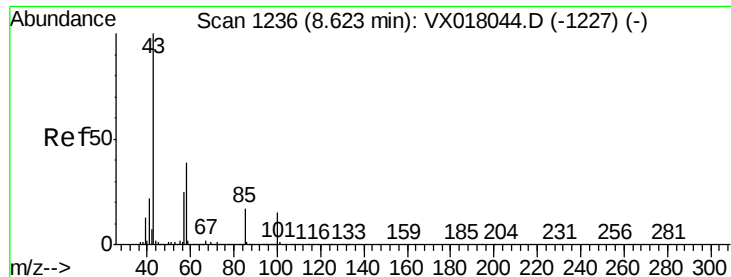
Delta R.T. -0.00 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

Tgt Ion:	98	Resp:	781647
Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.2	78.4





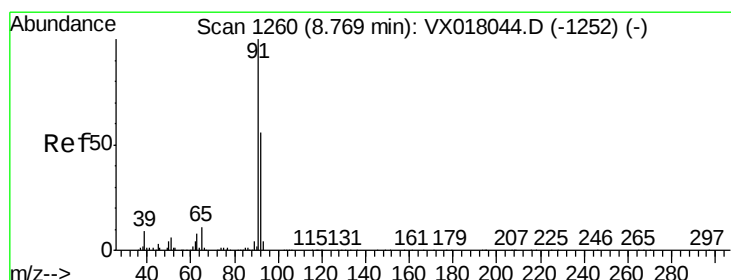
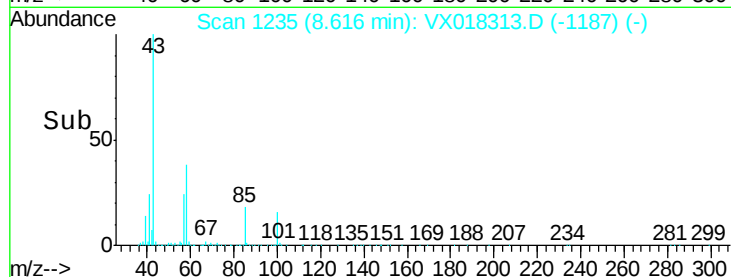
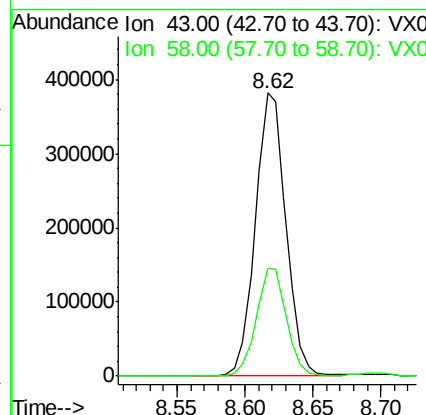
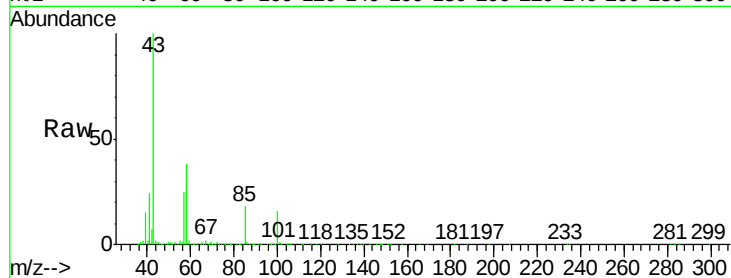
#51
4-Methyl-2-Pentanone
Concen: 86.721 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX018313.D
Acq: 09 Sep 2020 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0909WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	37.9	30.7	46.1

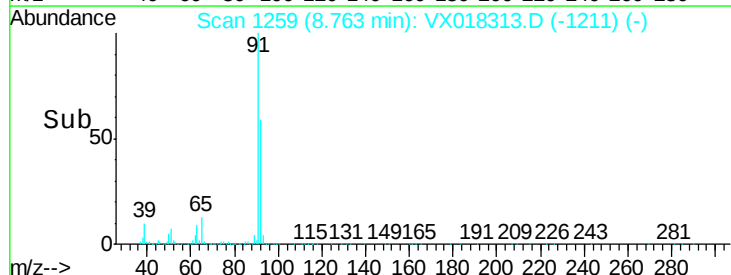
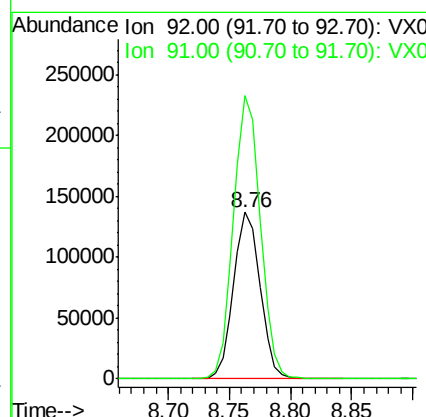
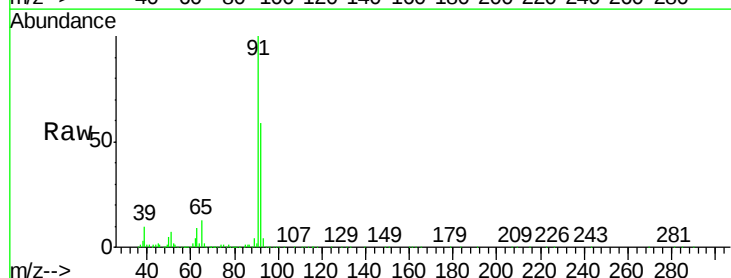
Manual Integrations
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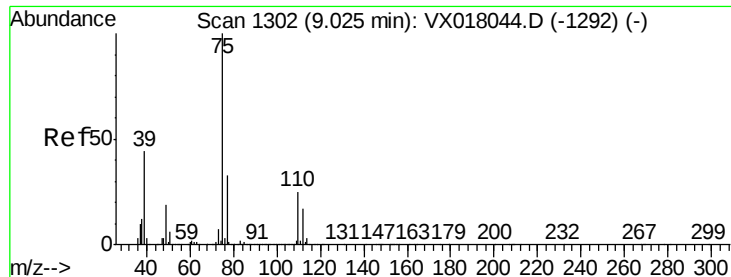
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#52
Toluene
Concen: 18.543 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX018313.D
Acq: 09 Sep 2020 11:35

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.7	140.3	210.5





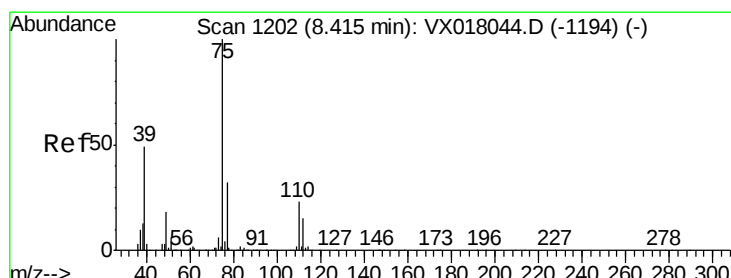
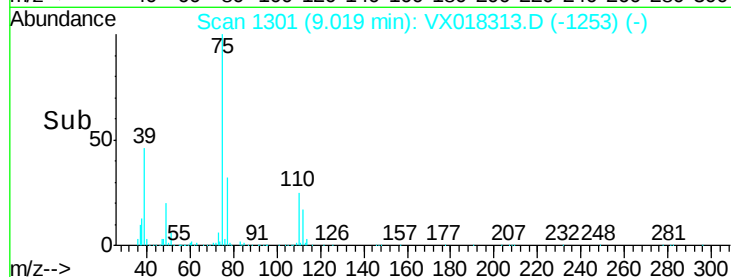
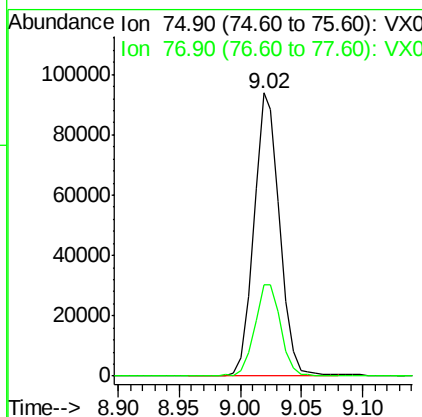
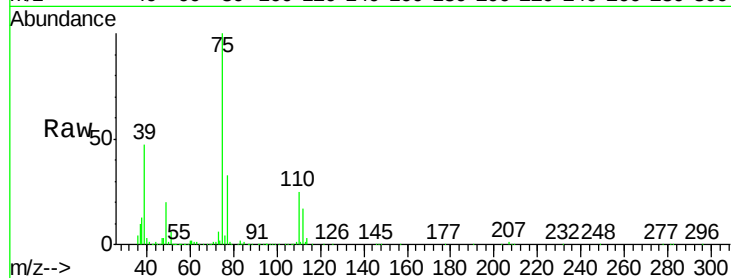
#53
t-1,3-Dichloropropene
Concen: 18.623 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX018313.D
Acq: 09 Sep 2020 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0909WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.3	26.6	39.8

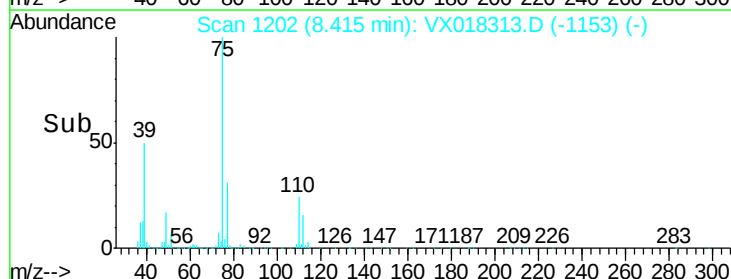
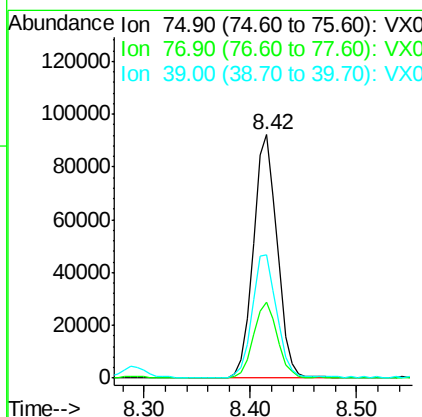
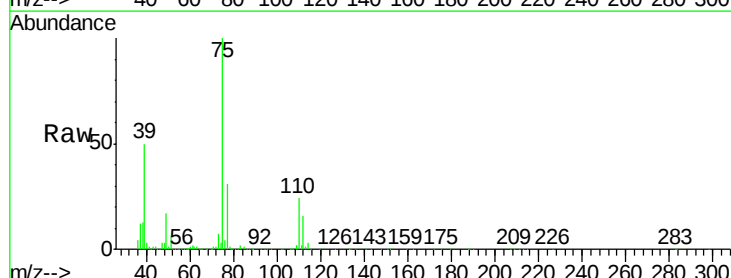
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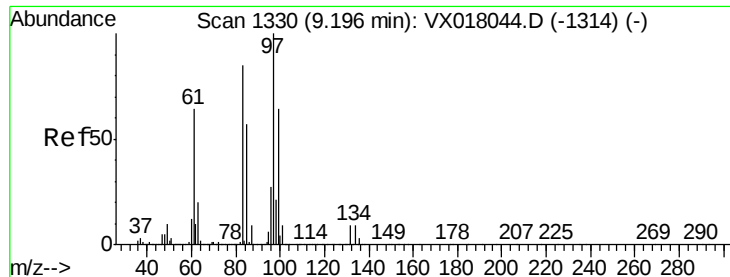
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#54
cis-1,3-Dichloropropene
Concen: 18.582 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018313.D
Acq: 09 Sep 2020 11:35

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.8	38.8
39	50.4	38.8	58.2





#55

1,1,2-Trichloroethane

Concen: 18.496 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

Instrument :

MSVOA_X

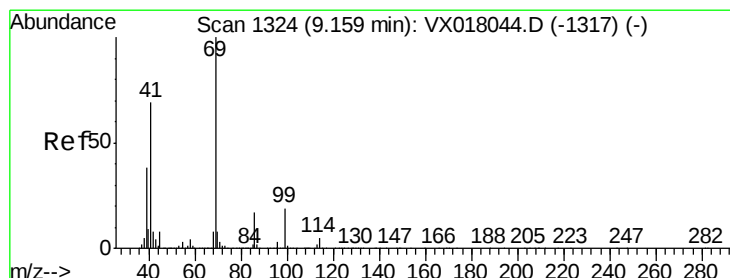
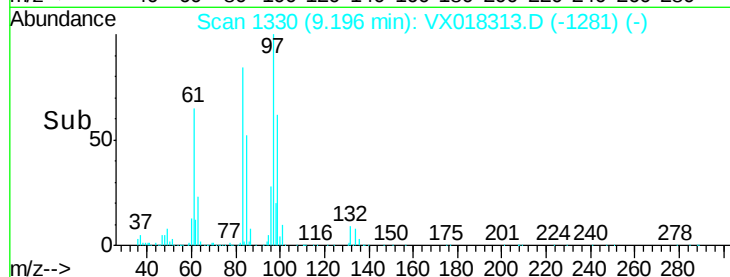
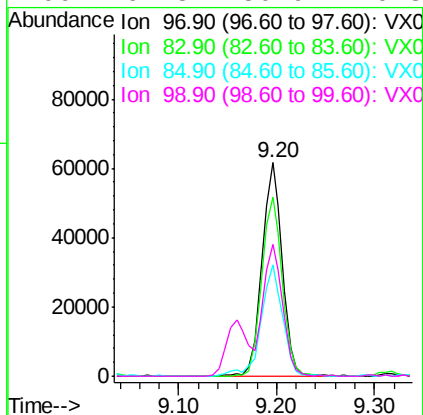
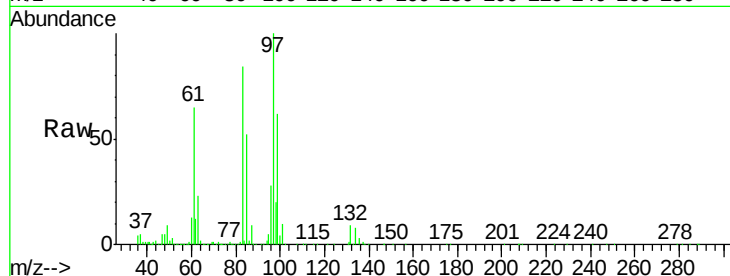
ClientSampleId :

VX0909WBS01

Tot Ion:	97	Resp:	87901
Ion	Ratio	Lower	Upper
97	100		
83	83.8	67.8	101.6
85	52.0	45.3	67.9
99	61.8	50.9	76.3

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#56

Ethyl methacrylate

Concen: 17.015 ug/l

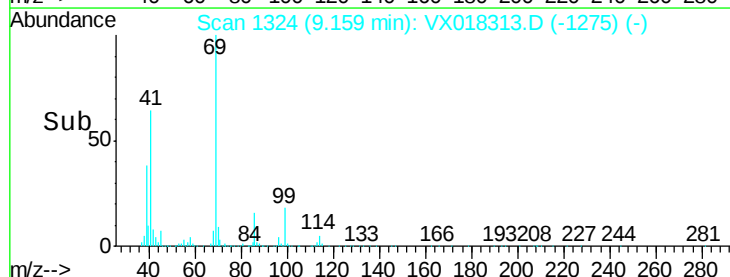
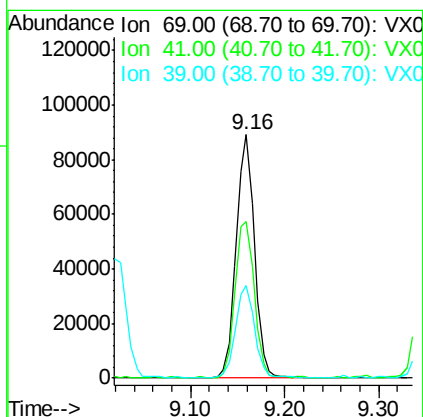
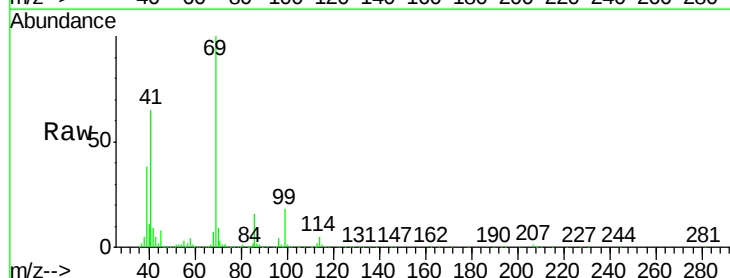
RT: 9.16 min Scan# 1324

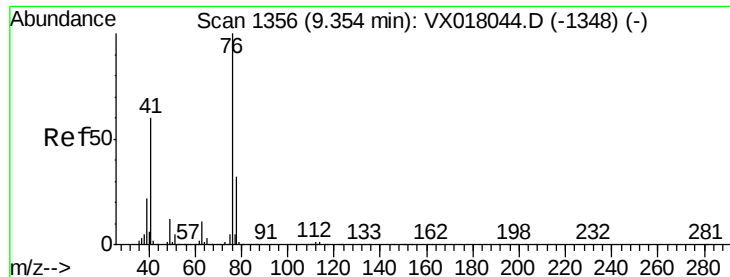
Delta R.T. -0.00 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

Tgt Ion:	69	Resp:	120206
Ion	Ratio	Lower	Upper
69	100		
41	67.2	54.6	81.8
39	39.4	29.1	43.7





#57

1,3-Dichloropropane

Concen: 18.191 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

Instrument :

MSVOA_X

ClientSampleId :

VX0909WBS01

Tot Ion: 76 Resp: 142584

Ion Ratio Lower Upper

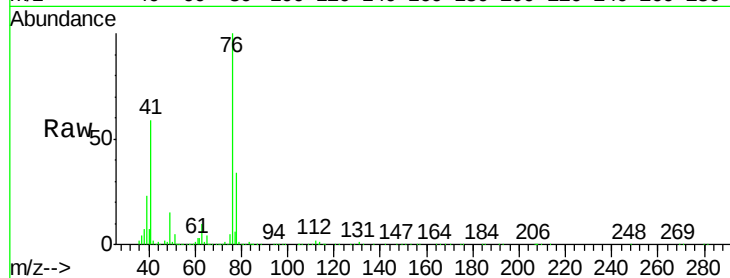
76 100

78 32.7 25.8 38.6

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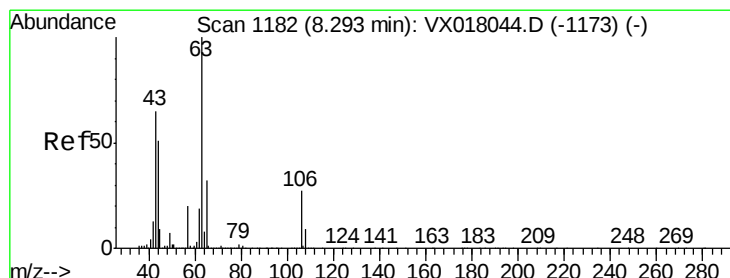
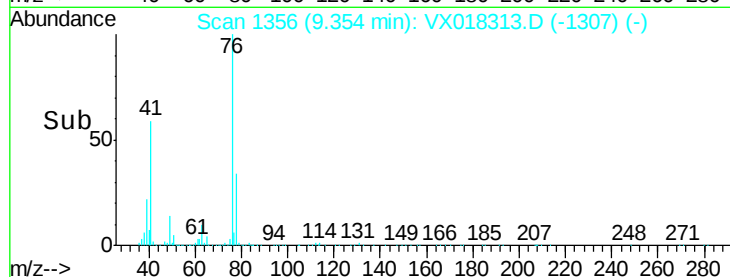
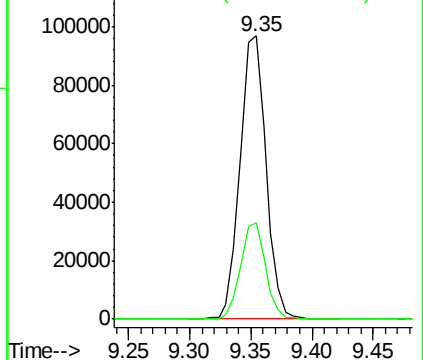
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 92.162 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018313.D

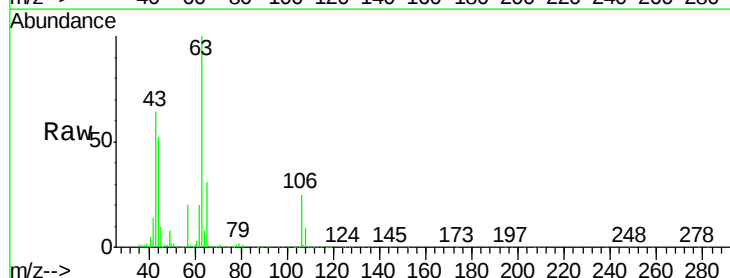
Acq: 09 Sep 2020 11:35

Tgt Ion: 63 Resp: 292902

Ion Ratio Lower Upper

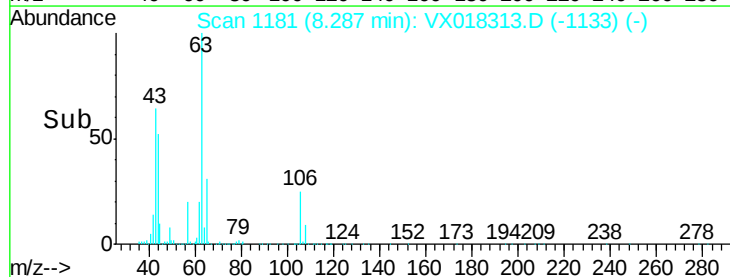
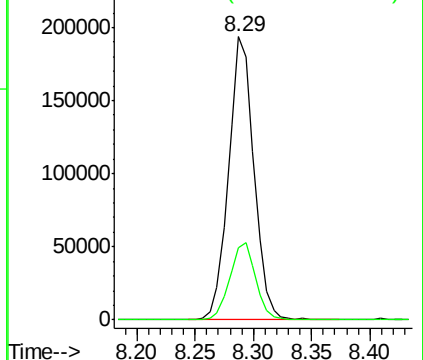
63 100

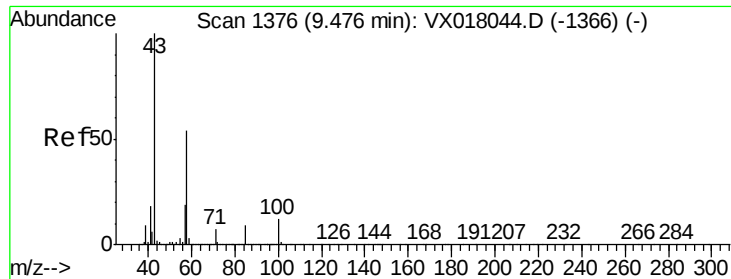
106 27.7 22.1 33.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





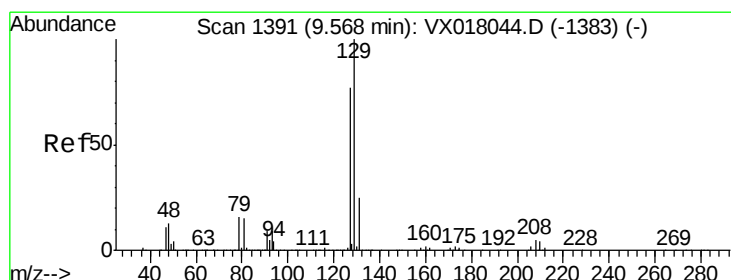
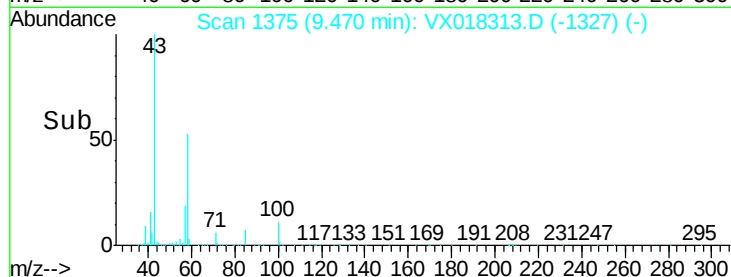
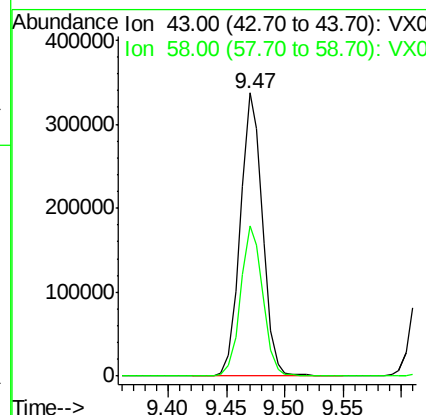
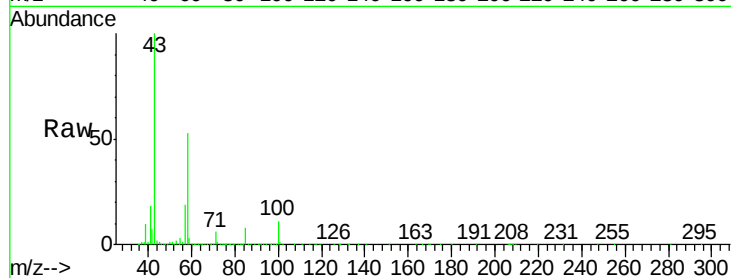
#59
2-Hexanone
Concen: 85.286 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018313.D
Acq: 09 Sep 2020 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0909WBS01

Tot Ion: 43 Resp: 449412
Ion Ratio Lower Upper
43 100
58 52.6 26.6 79.7

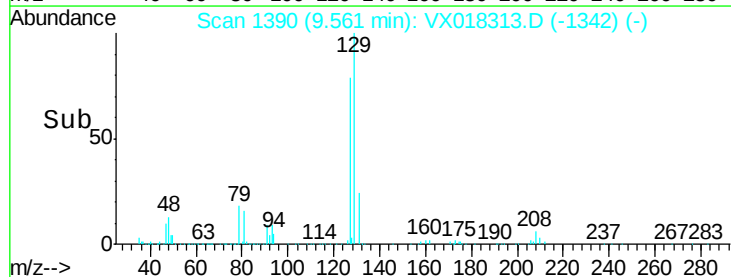
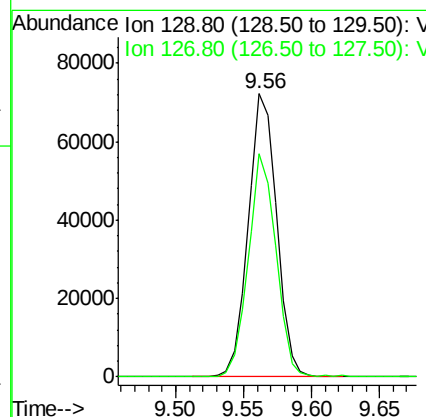
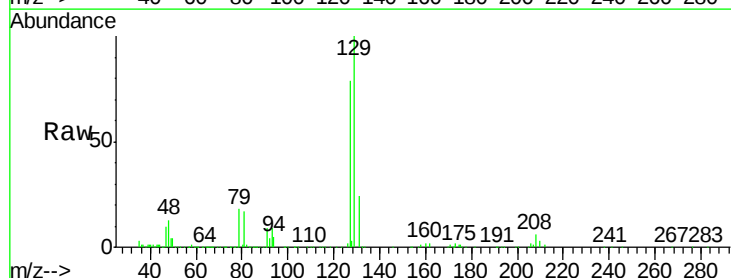
Manual Integrations
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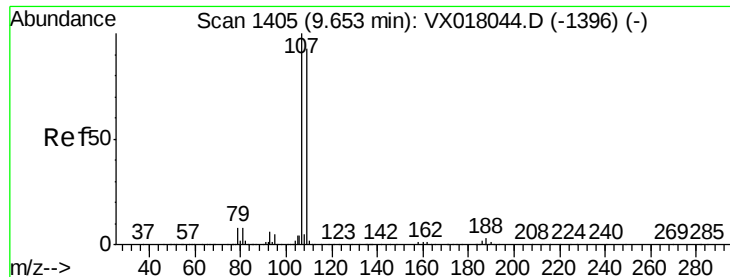
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#60
Dibromochloromethane
Concen: 18.967 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018313.D
Acq: 09 Sep 2020 11:35

Tgt Ion: 129 Resp: 105742
Ion Ratio Lower Upper
129 100
127 77.1 38.9 116.6





#61

1,2-Dibromoethane

Concen: 18.348 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

Instrument :

MSVOA_X

ClientSampleId :

VX0909WBS01

Tot Ion: 107 Resp: 94666

Ion Ratio Lower Upper

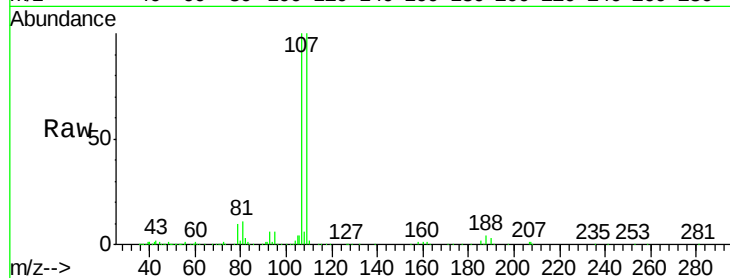
107 100

109 94.1 75.9 113.9

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

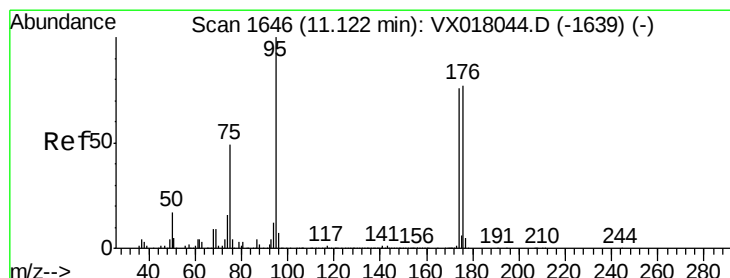
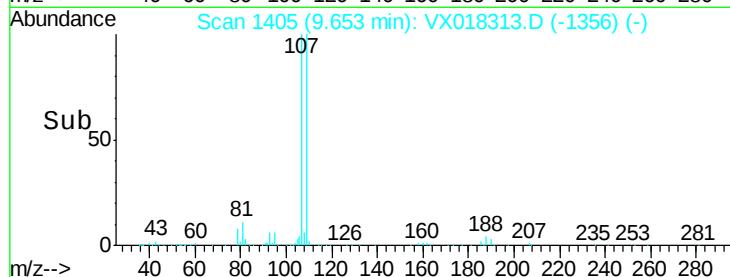
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.850 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

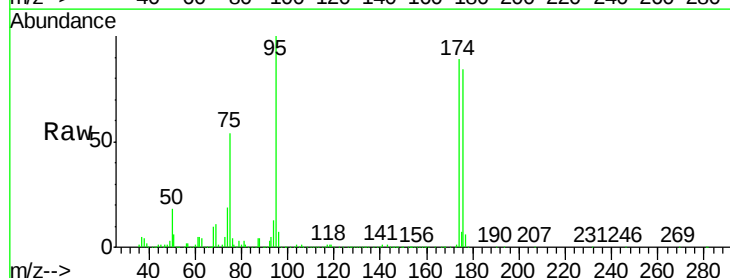
Tgt Ion: 95 Resp: 296695

Ion Ratio Lower Upper

95 100

174 84.9 0.0 160.2

176 81.0 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

300000

250000

200000

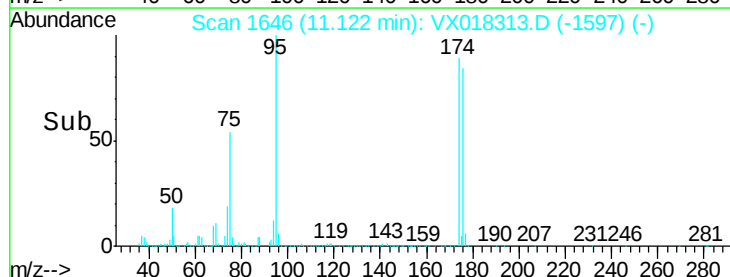
150000

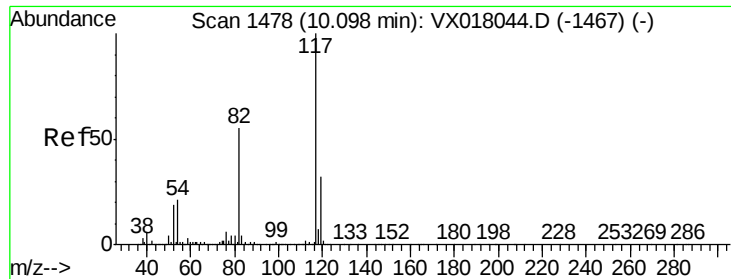
100000

50000

0

Time-->





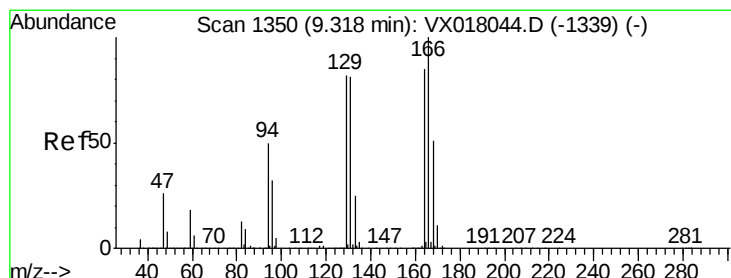
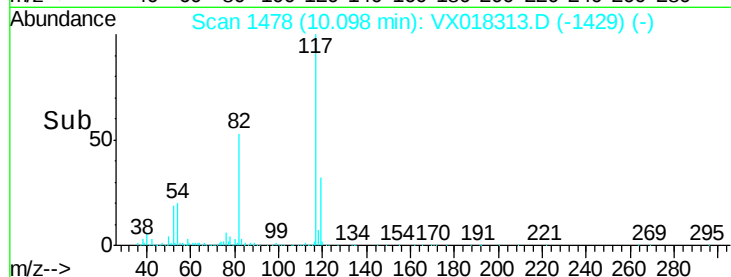
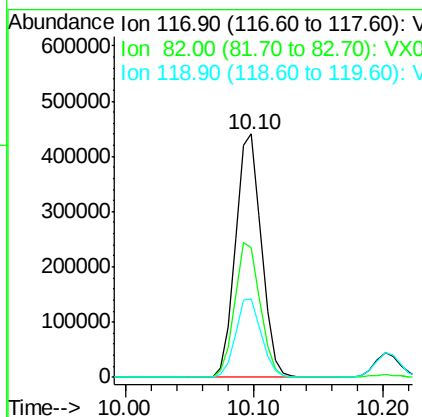
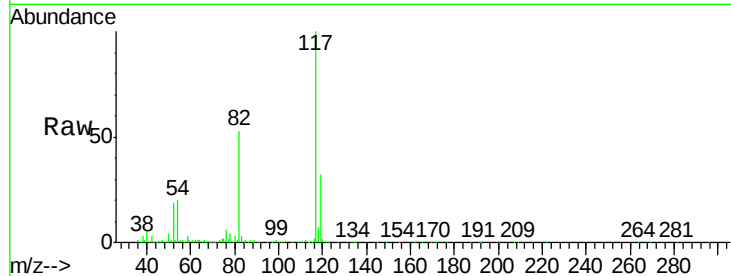
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018313.D
Acq: 09 Sep 2020 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0909WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	613955		
82	53.2		44.2	66.2
119	32.5		25.7	38.5

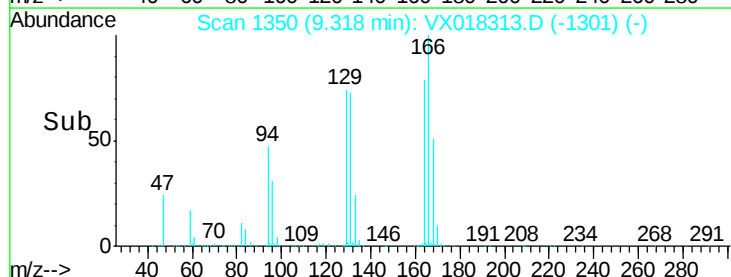
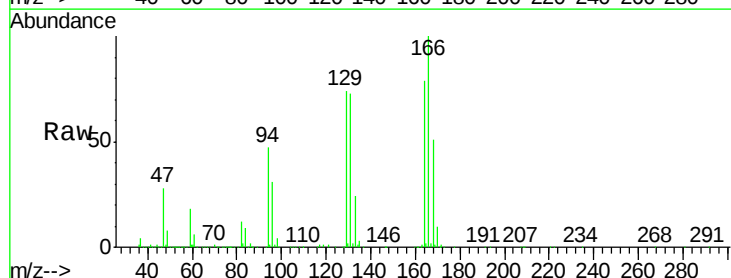
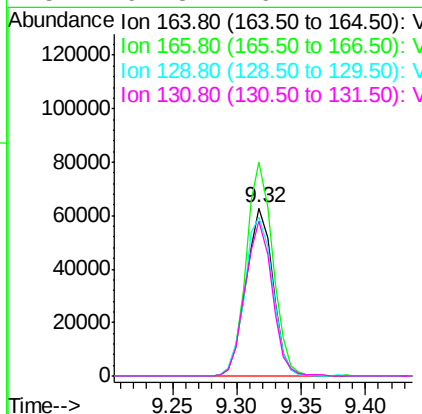
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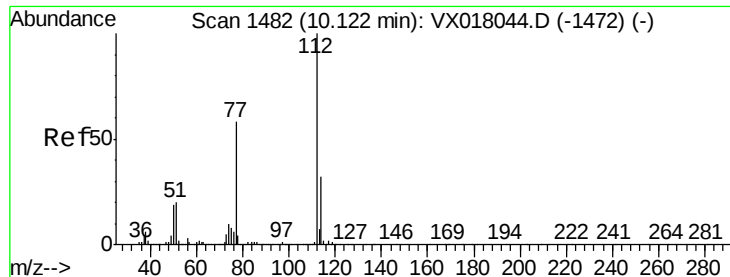
MMDadoda
9/10/2020 4:03:14 PM



#64
Tetrachloroethene
Concen: 19.923 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018313.D
Acq: 09 Sep 2020 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	89887		
166	127.1		94.2	141.2
129	94.3		76.9	115.3
131	92.3		76.1	114.1





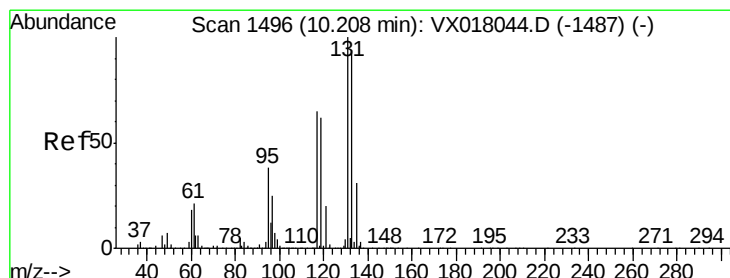
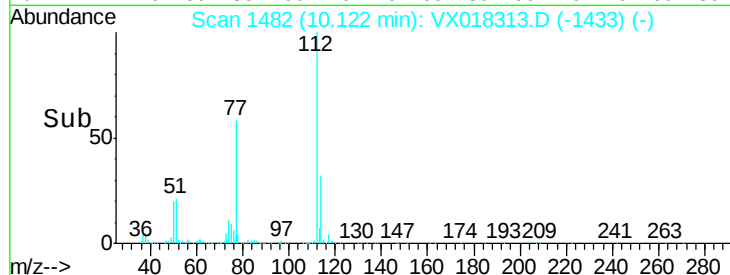
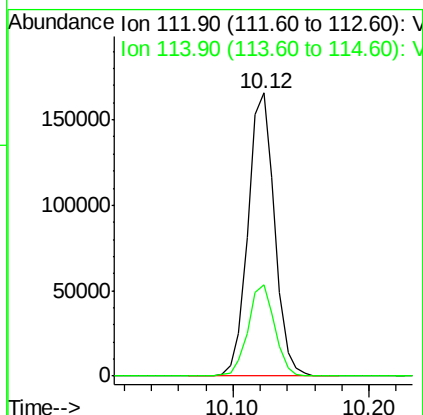
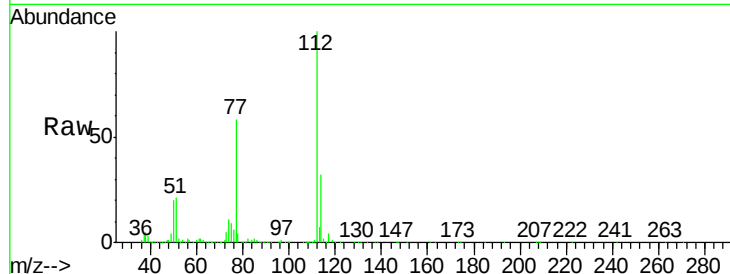
#65
Chlorobenzene
Concen: 18.457 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018313.D
Acq: 09 Sep 2020 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0909WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.7	38.5

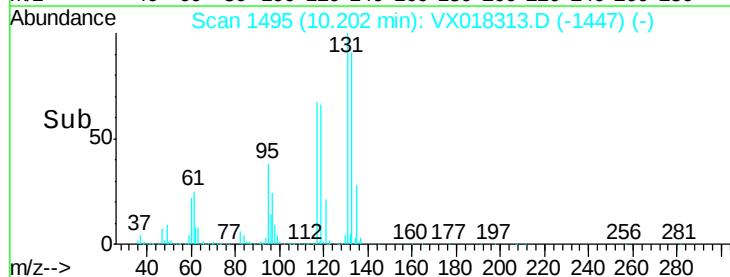
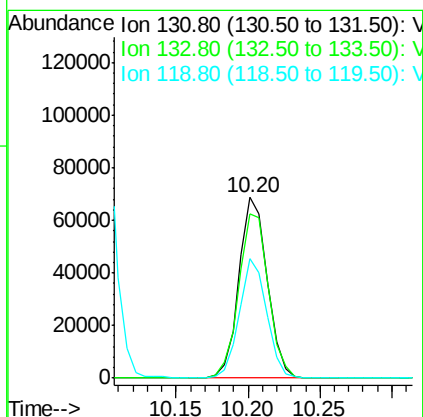
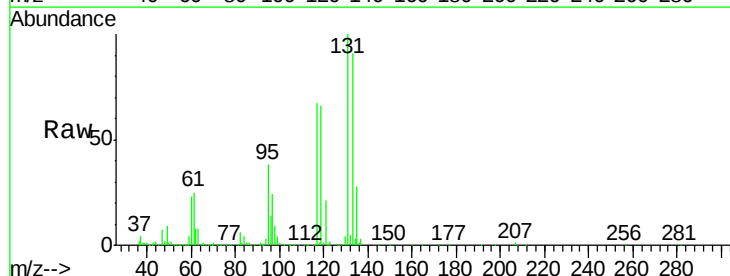
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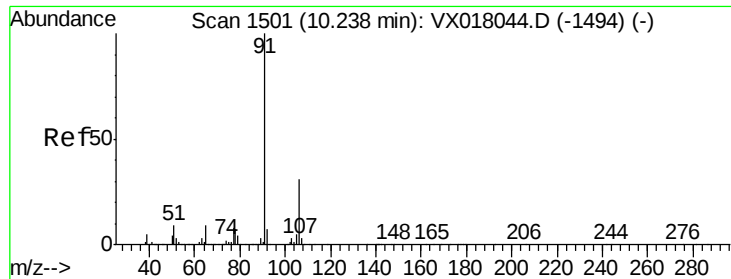
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.437 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX018313.D
Acq: 09 Sep 2020 11:35

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.9	46.7	140.1
119	63.9	31.8	95.4





#67

Ethyl Benzene

Concen: 18.707 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

Instrument :

MSVOA_X

ClientSampleId :

VX0909WBS01

Tot Ion: 91 Resp: 390088

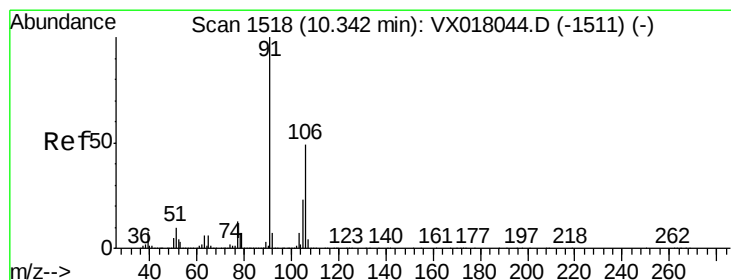
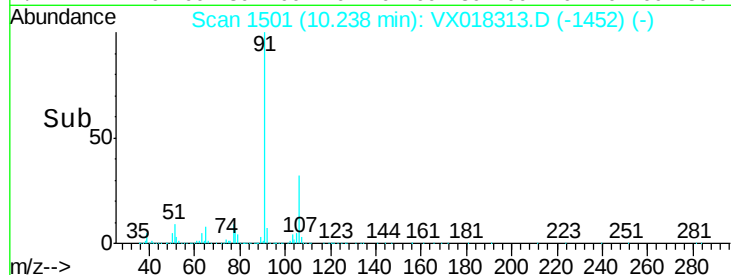
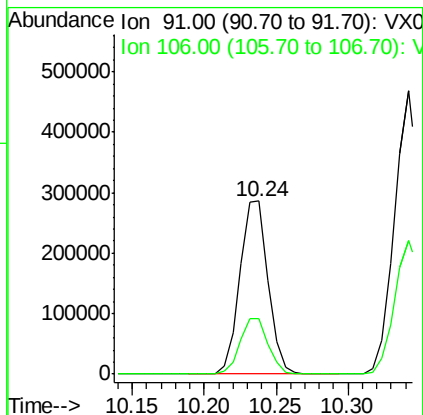
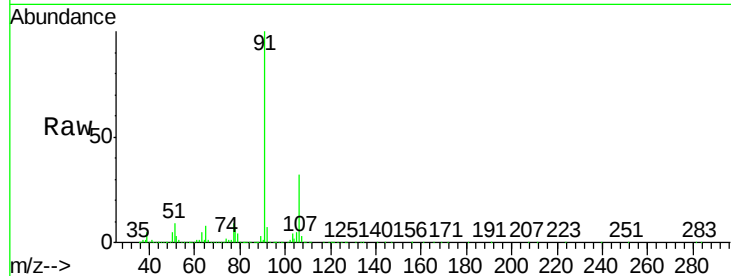
Ion Ratio Lower Upper

91 100

106 31.8 24.9 37.3

Manual Integrations
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#68

m/p-Xylenes

Concen: 37.839 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018313.D

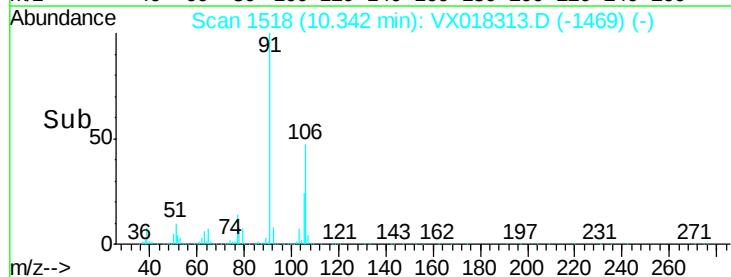
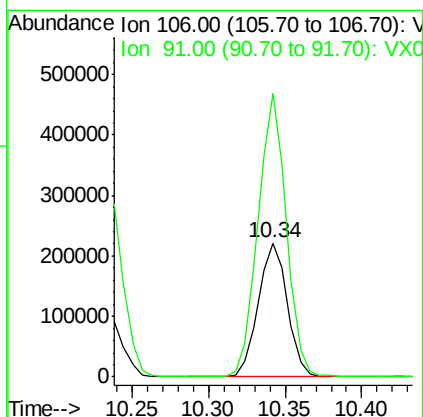
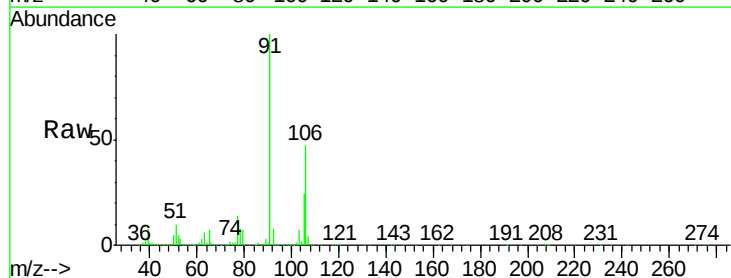
Acq: 09 Sep 2020 11:35

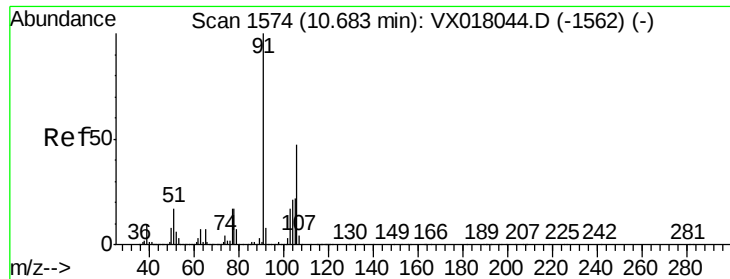
Tgt Ion: 106 Resp: 294510

Ion Ratio Lower Upper

106 100

91 205.6 162.2 243.2





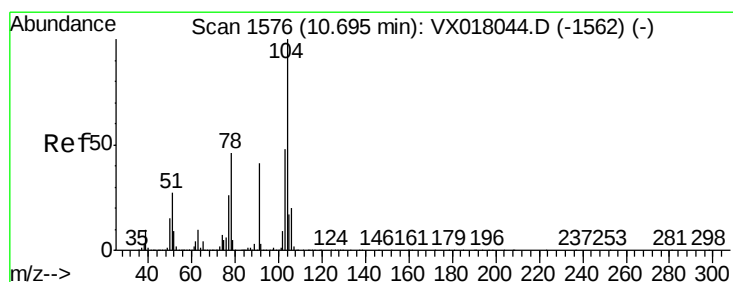
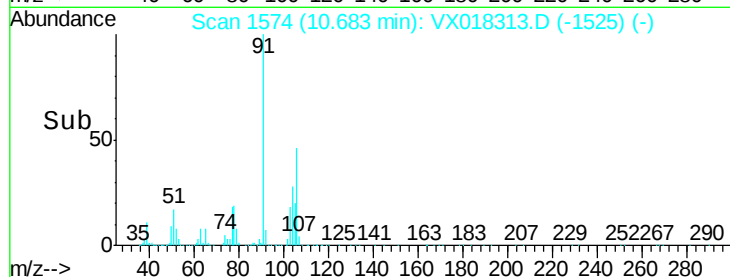
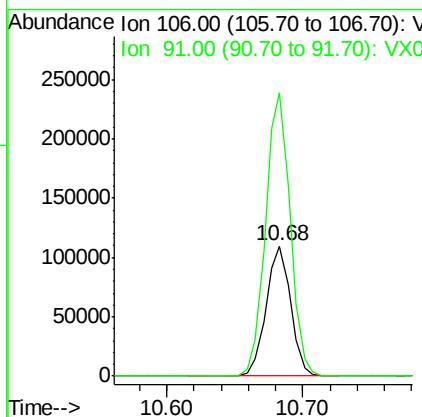
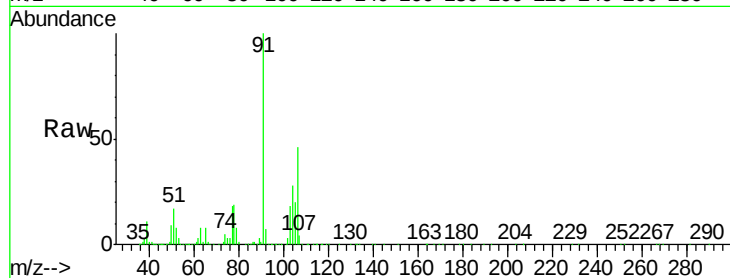
#69
o-Xylene
Concen: 18.493 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018313.D
Acq: 09 Sep 2020 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0909WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	218.7	107.1	321.3

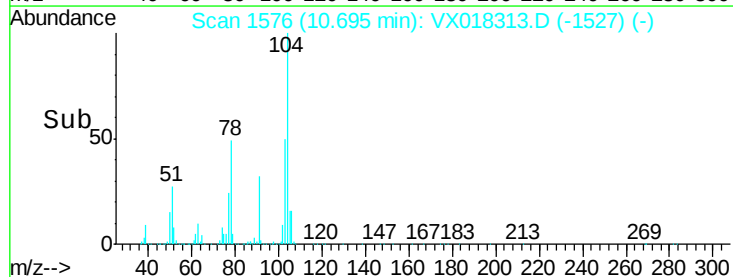
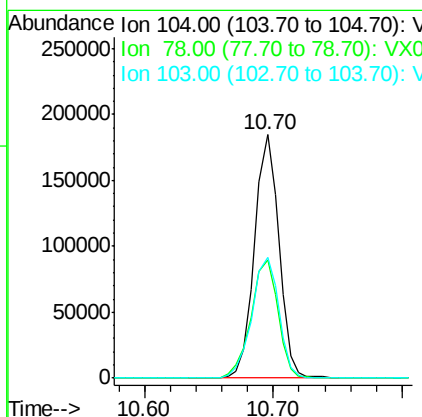
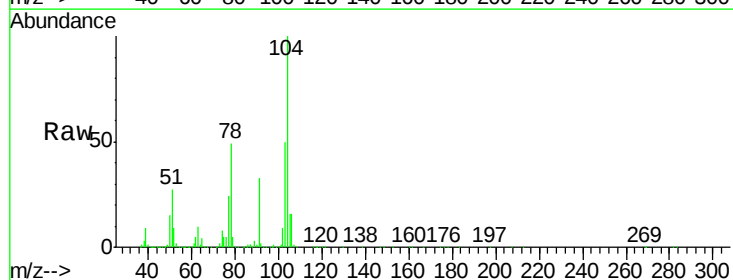
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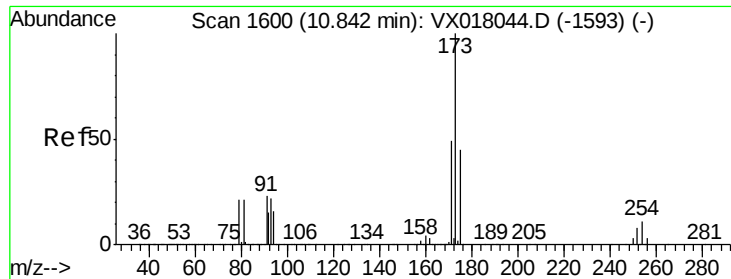
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#70
Styrene
Concen: 18.684 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018313.D
Acq: 09 Sep 2020 11:35

Tgt Ion	Ratio	Lower	Upper
104	100		
78	53.8	40.9	61.3
103	55.0	43.6	65.4





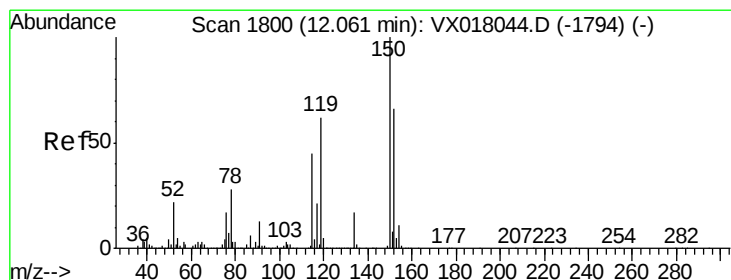
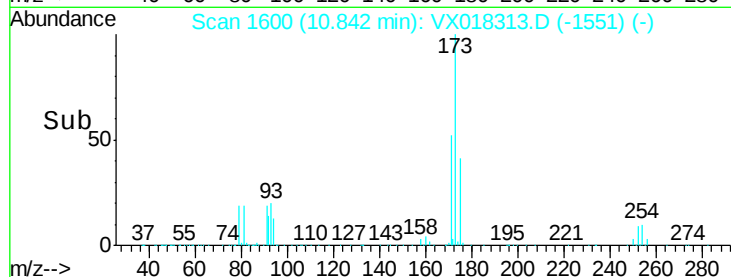
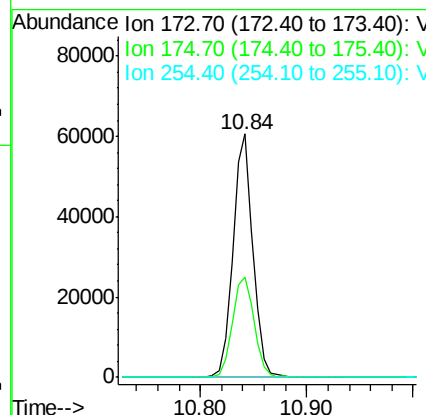
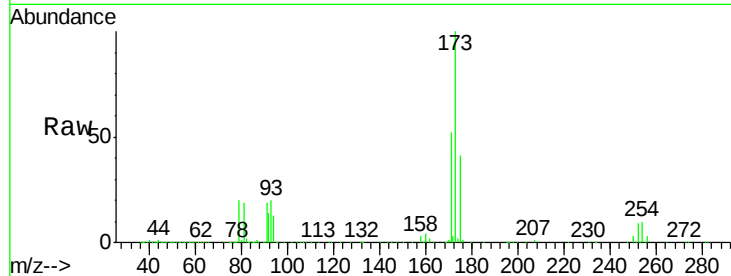
#71
Bromoform
Concen: 19.121 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX018313.D
Acq: 09 Sep 2020 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0909WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	45.4	23.9	71.8
254	0.0	0.2	0.2

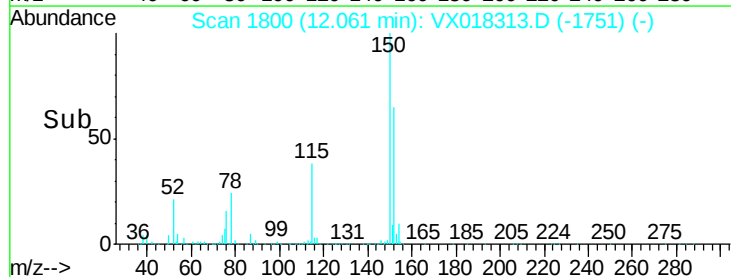
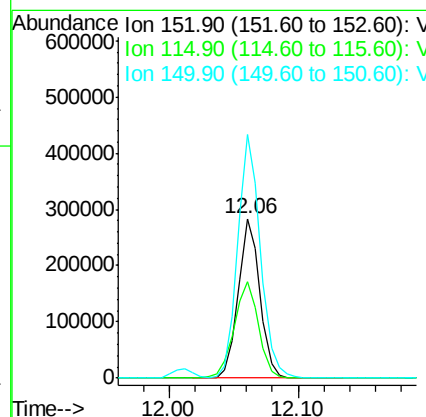
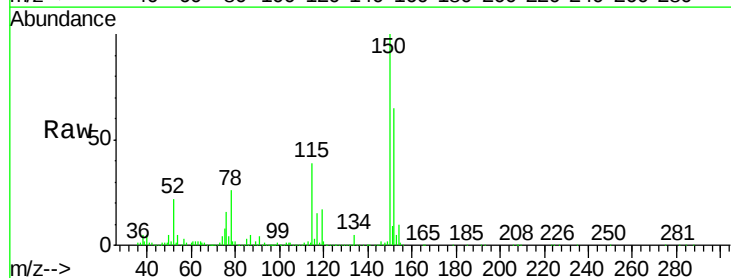
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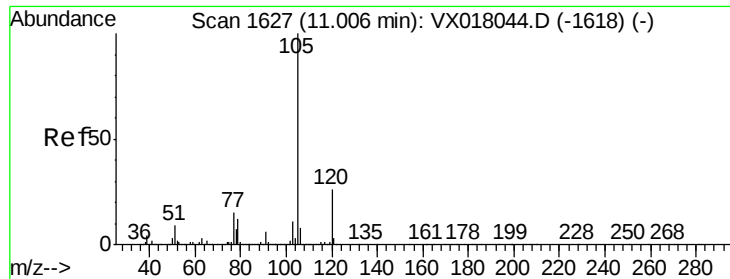
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018313.D
Acq: 09 Sep 2020 11:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	67.9	41.5	124.5
150	160.8	0.0	343.8





#73

Isopropylbenzene

Concen: 17.669 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

Instrument :

MSVOA_X

ClientSampleId :

VX0909WBS01

Tot Ion: 105 Resp: 386588

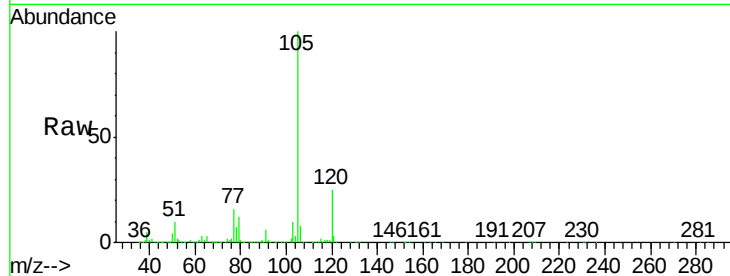
Ion Ratio Lower Upper

105 100

120 26.7 13.2 39.5

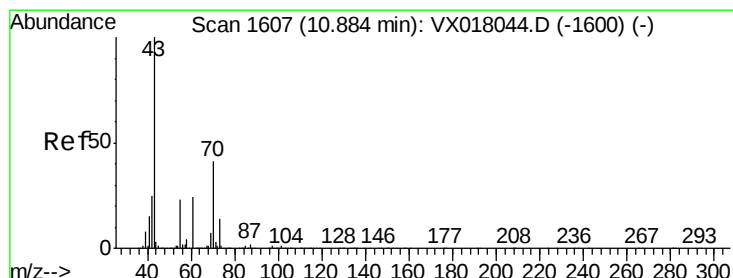
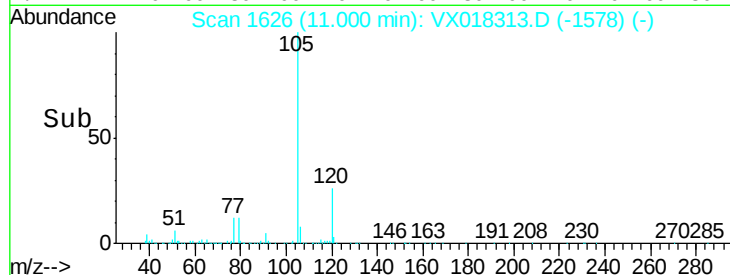
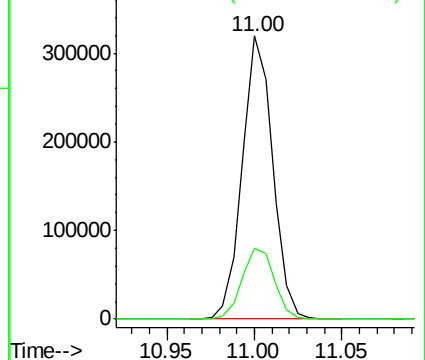
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 15.876 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

Tgt Ion: 43 Resp: 164805

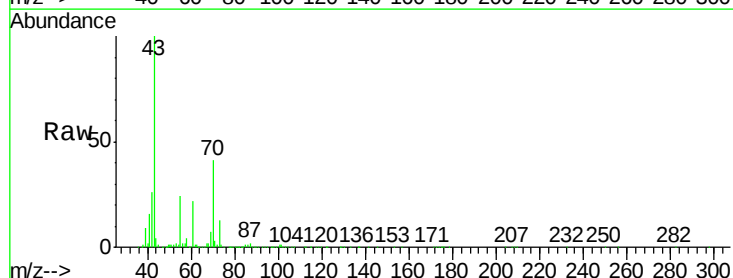
Ion Ratio Lower Upper

43 100

70 40.6 32.3 48.5

55 23.7 18.2 27.2

61 23.4 18.9 28.3

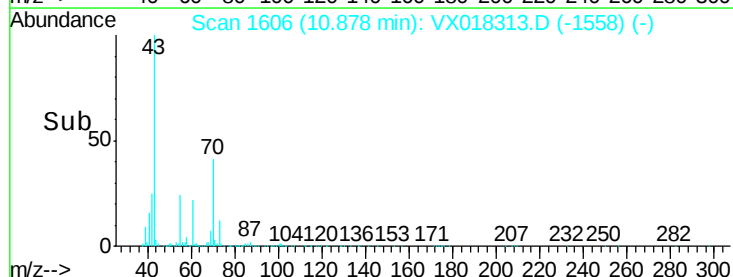
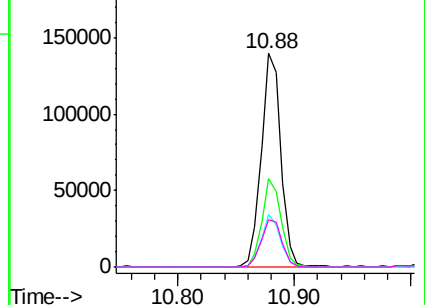


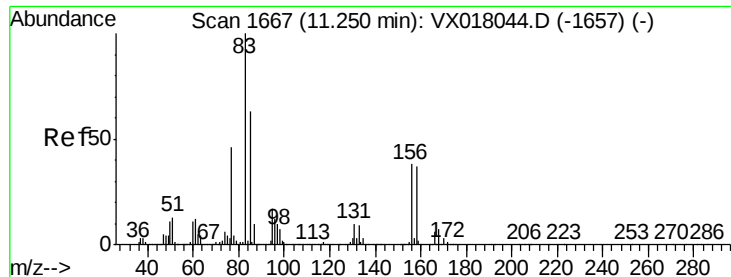
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 16.398 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

Instrument :

MSVOA_X

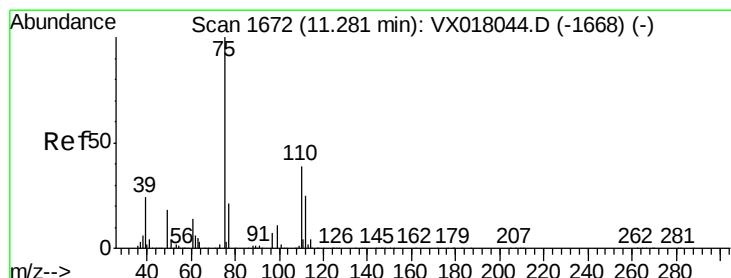
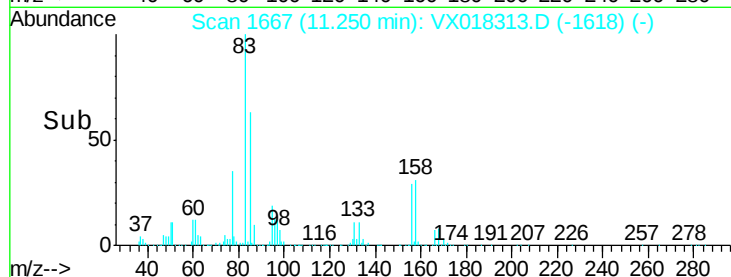
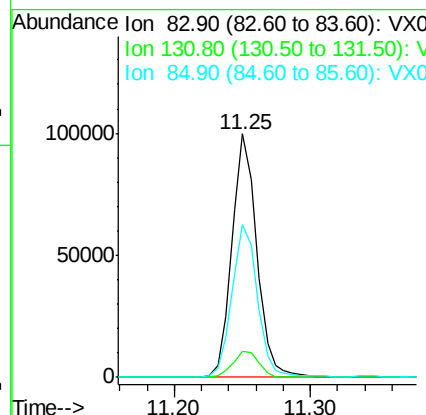
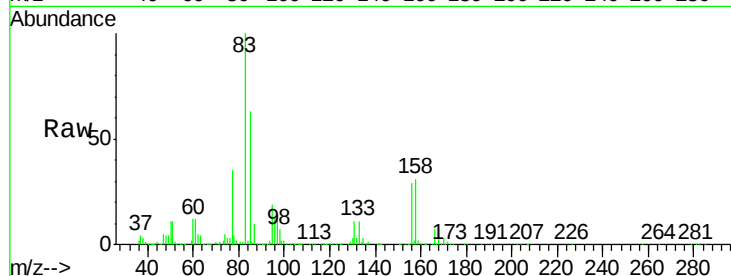
ClientSampleId :

VX0909WBS01

Tot Ion:	83	Resp:	126561
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.1	15.4
85	65.2	32.2	96.6

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#76

1,2,3-Trichloropropane

Concen: 16.790 ug/l m

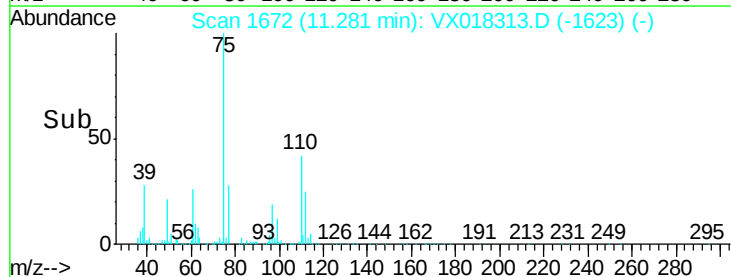
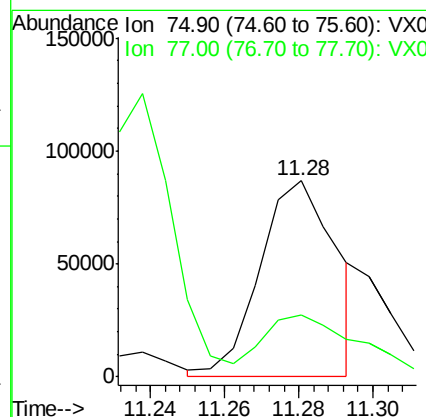
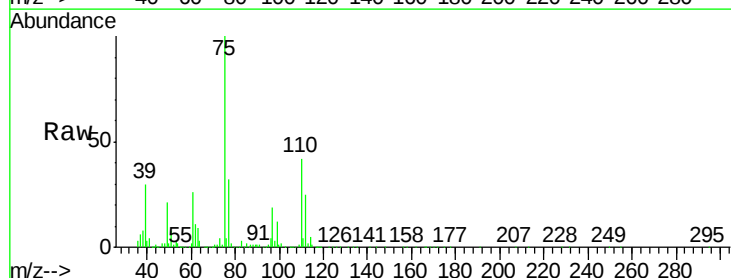
RT: 11.28 min Scan# 1672

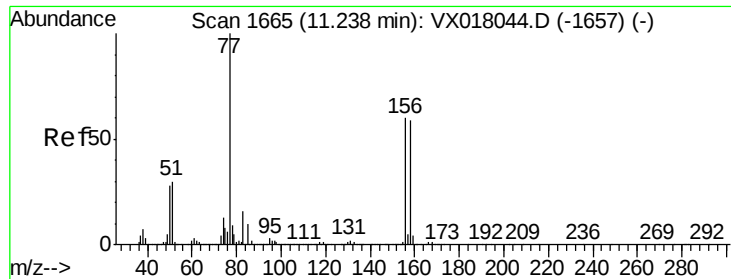
Delta R.T. -0.00 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

Tgt Ion:	75	Resp:	123890
Ion Ratio	Lower	Upper	
75	100		
77	39.6	20.8	62.2





#77

Bromobenzene

Concen: 17.351 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

Instrument :

MSVOA_X

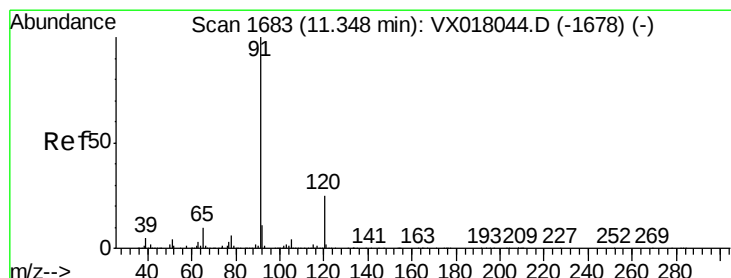
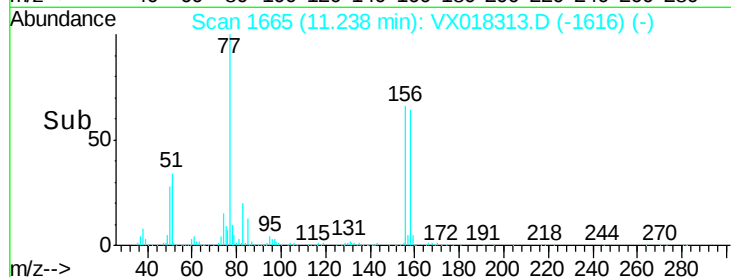
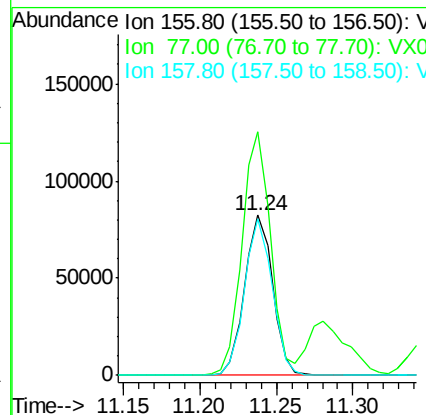
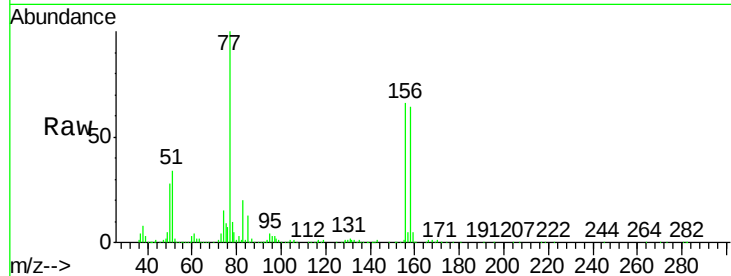
ClientSampleId :

VX0909WBS01

Tot Ion:	156	Resp:	104939
Ion Ratio	Lower	Upper	
156	100		
77	154.0	80.0	240.2
158	96.9	49.5	148.7

Manual Integrations
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#78

n-propylbenzene

Concen: 17.803 ug/l

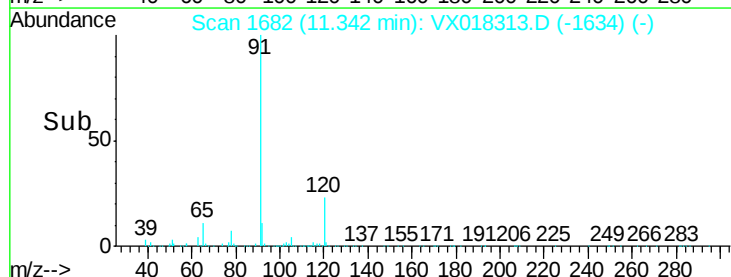
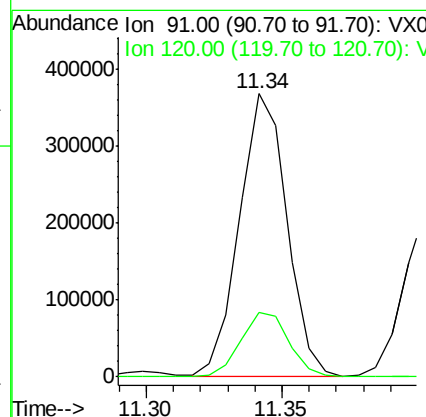
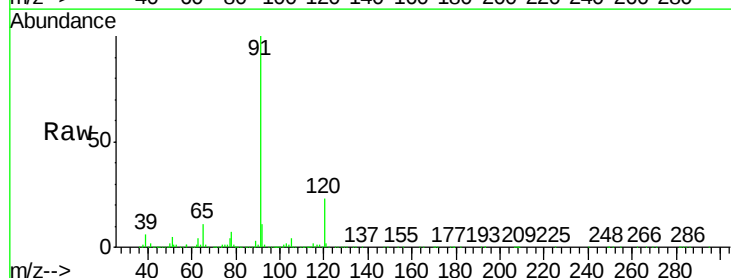
RT: 11.34 min Scan# 1682

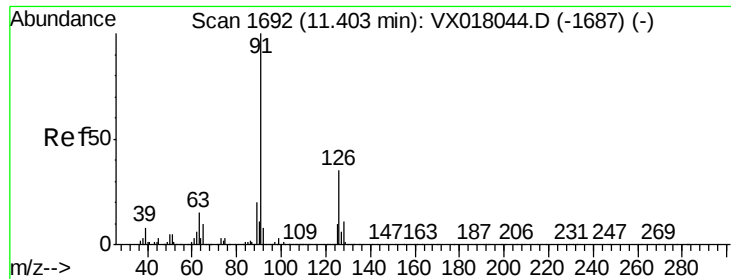
Delta R.T. -0.01 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

Tgt Ion:	91	Resp:	442278
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.9	35.9





#79

2-Chlorotoluene

Concen: 17.657 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

Instrument :

MSVOA_X

ClientSampleId :

VX0909WBS01

Tot Ion: 91 Resp: 271016

Ion Ratio Lower Upper

91 100

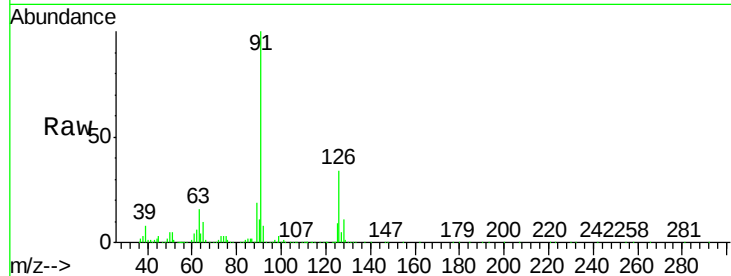
126 34.2 17.4 52.2

Manual Integrations

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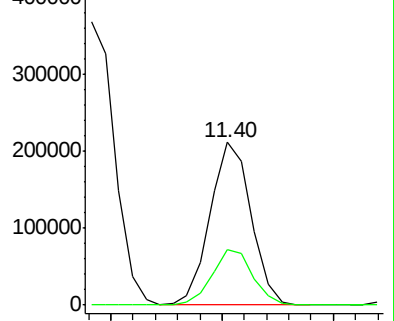
MMDadoda

9/10/2020 4:03:14 PM

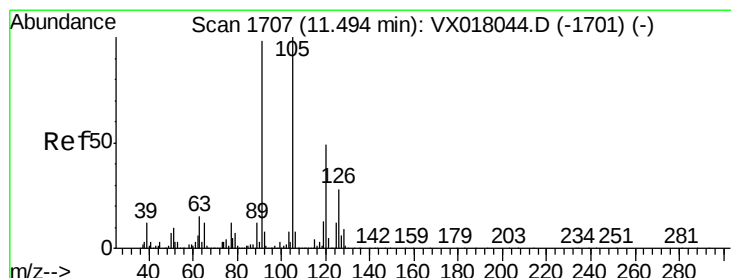
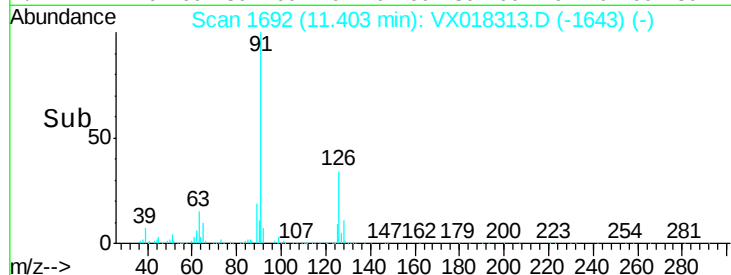


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.562 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018313.D

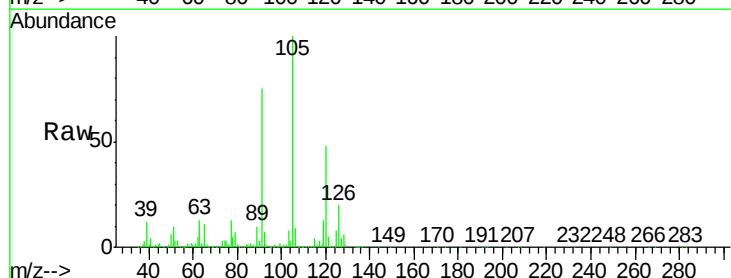
Acq: 09 Sep 2020 11:35

Tgt Ion:105 Resp: 333735

Ion Ratio Lower Upper

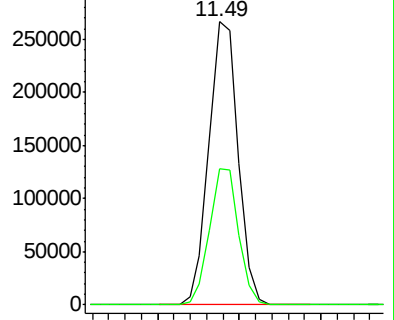
105 100

120 48.0 24.1 72.2

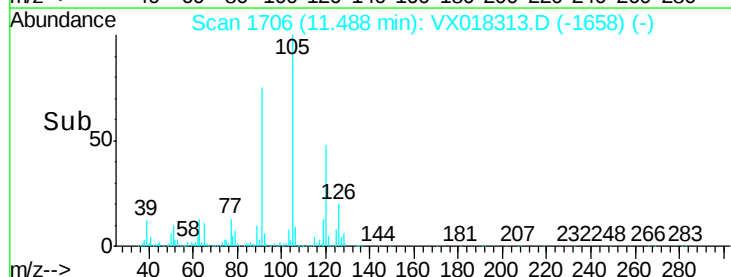


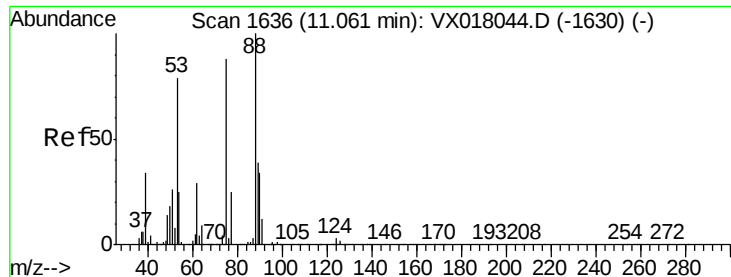
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





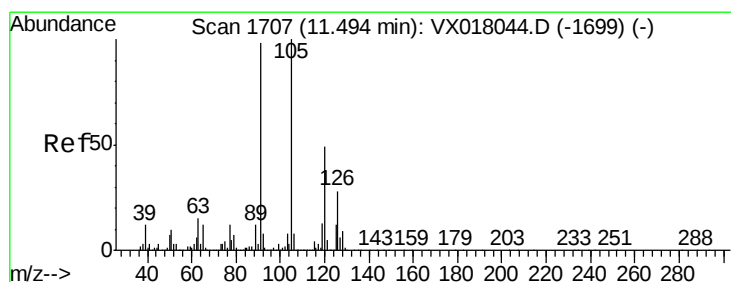
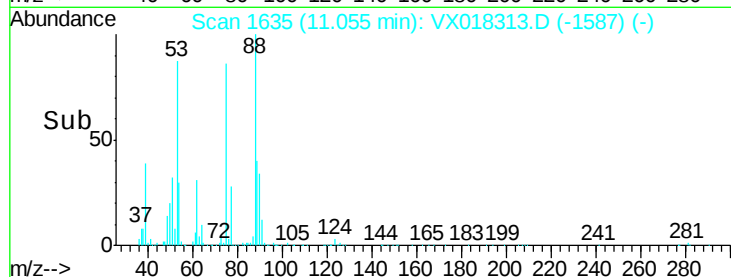
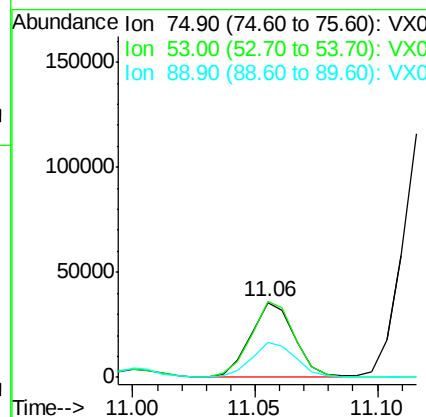
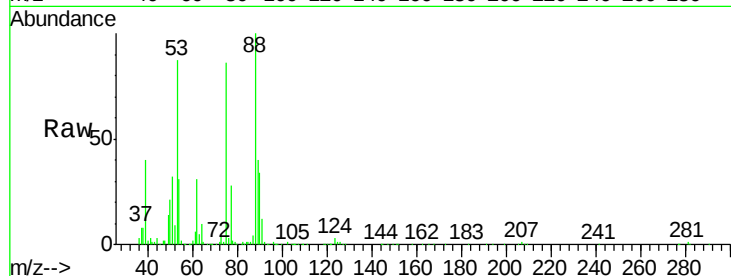
#81
trans-1,4-Dichloro-2-butene
Concen: 16.143 ug/l
RT: 11.06 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VX018313.D
Acq: 09 Sep 2020 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0909WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.4	74.7	112.1
89	46.7	36.6	54.8

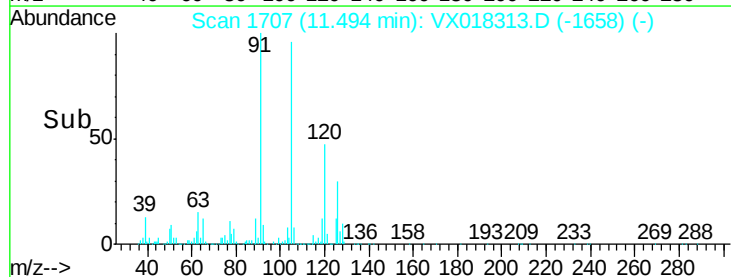
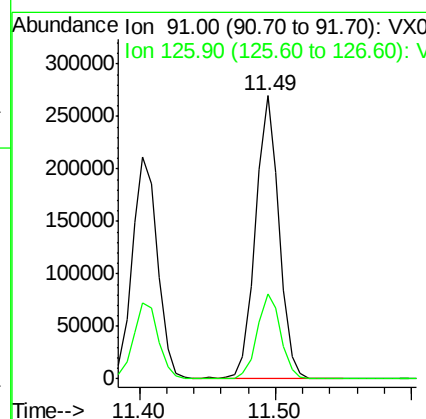
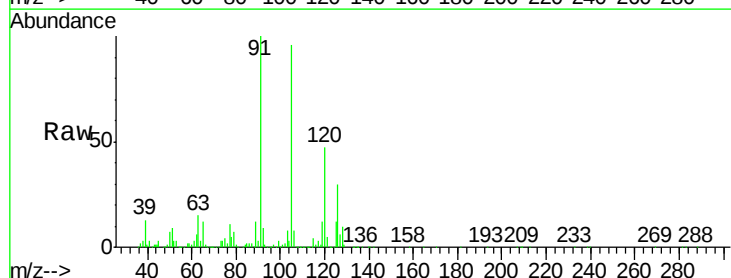
Manual Integrations
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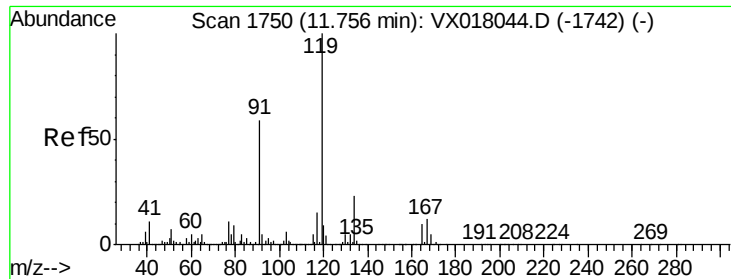
MMDadoda
9/10/2020 4:03:14 PM



#82
4-Chlorotoluene
Concen: 17.863 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018313.D
Acq: 09 Sep 2020 11:35

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.0	15.1	45.3





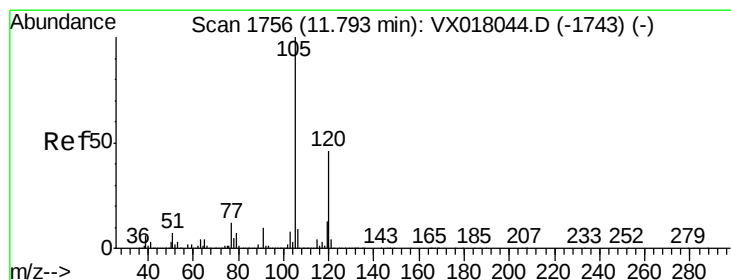
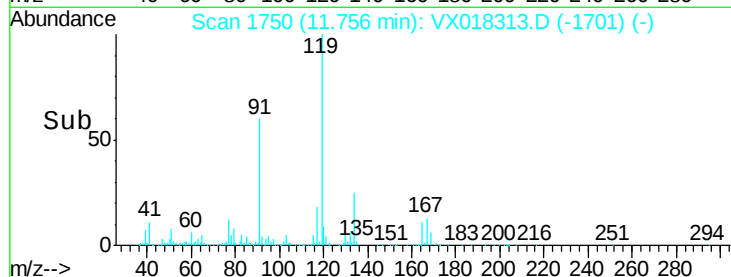
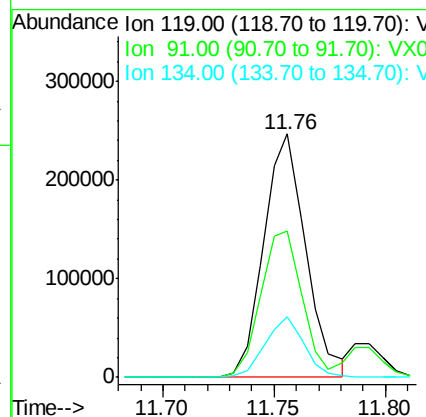
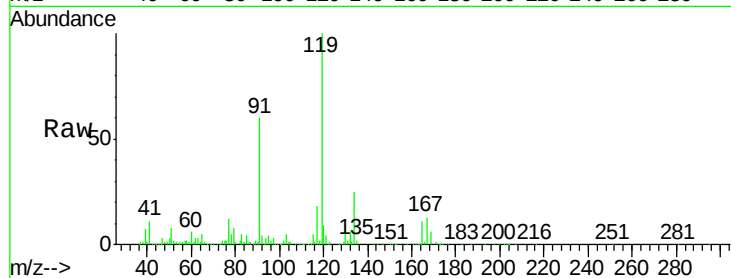
#83
tert-Butylbenzene
Concen: 18.259 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX018313.D
Acq: 09 Sep 2020 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0909WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	323975		
91	59.3		28.2	84.7
134	23.0		11.3	33.8

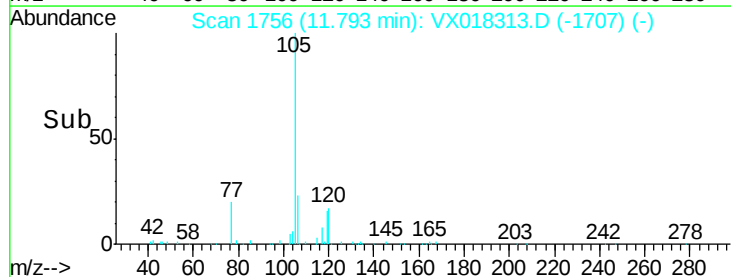
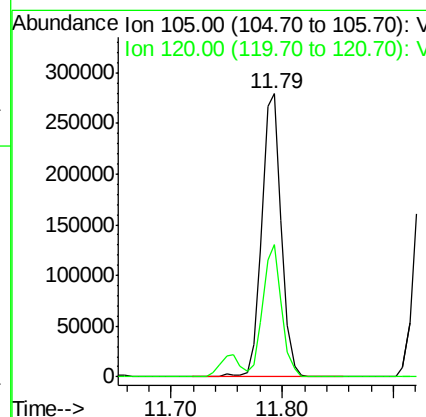
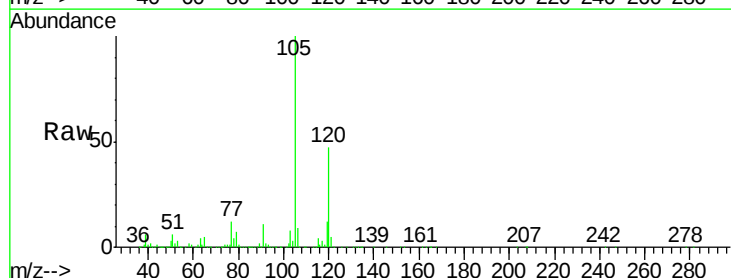
Manual Integrations
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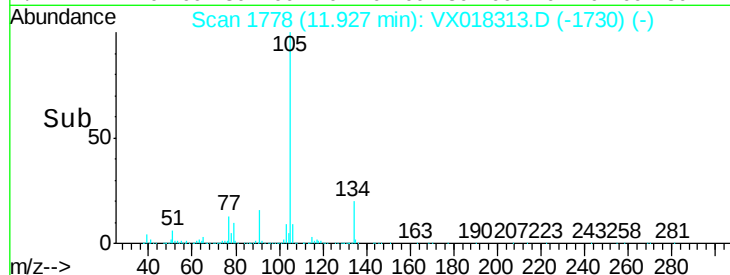
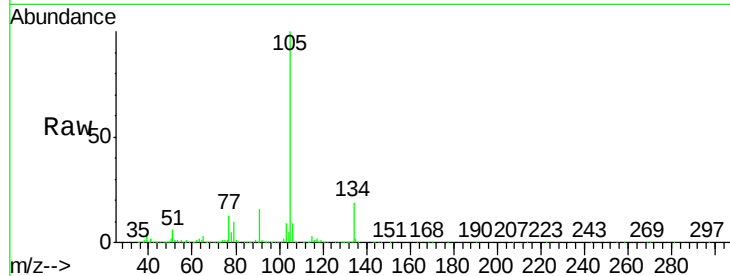
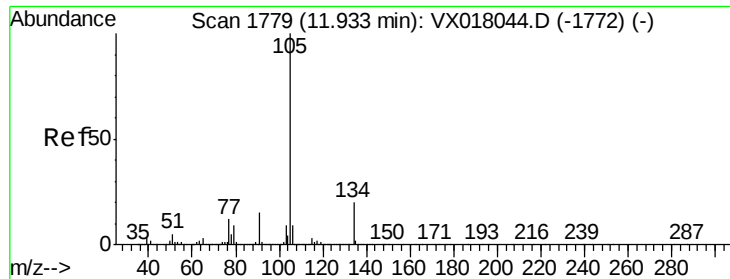
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#84
1,2,4-Trimethylbenzene
Concen: 18.619 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX018313.D
Acq: 09 Sep 2020 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	342251		
120	44.7		22.3	66.9





#85

sec-Butylbenzene

Concen: 18.675 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

Tot Ion:105 Resp: 376811

Ion Ratio Lower Upper

105 100

134 20.1 10.1 30.3

Instrument :

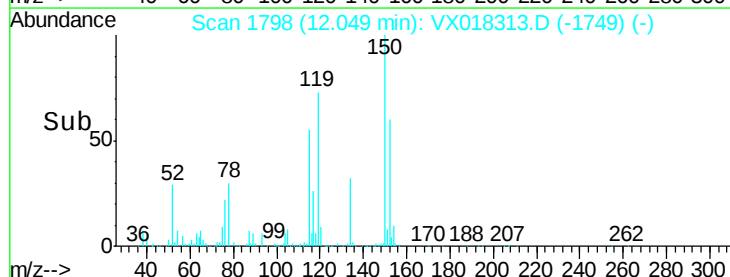
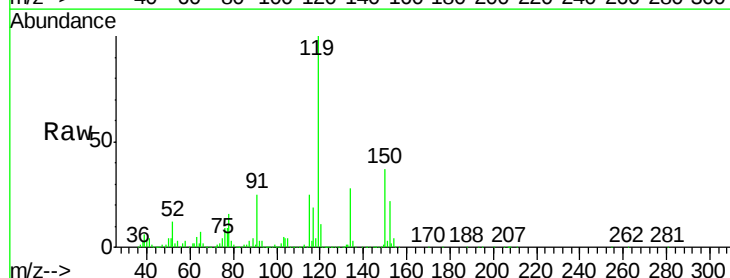
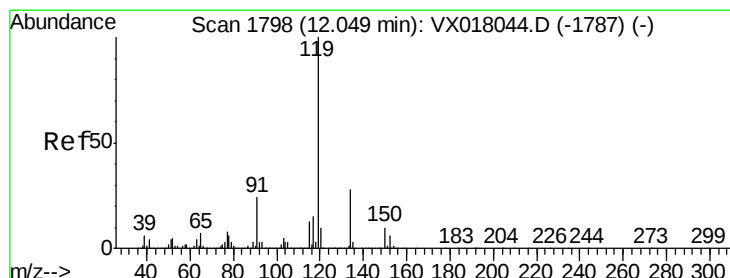
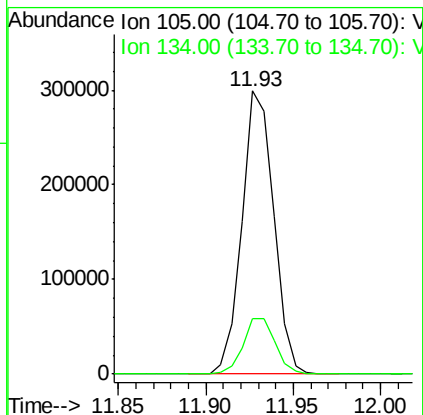
MSVOA_X

ClientSampleId :

VX0909WBS01

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 18.852 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018313.D

Acq: 09 Sep 2020 11:35

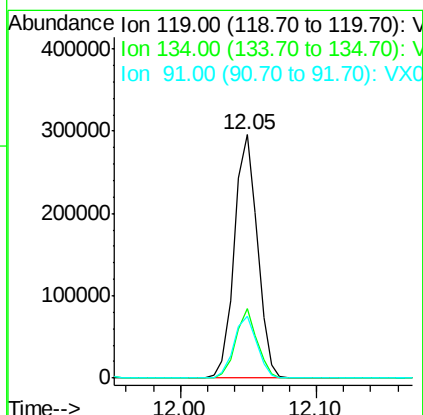
Tgt Ion:119 Resp: 349420

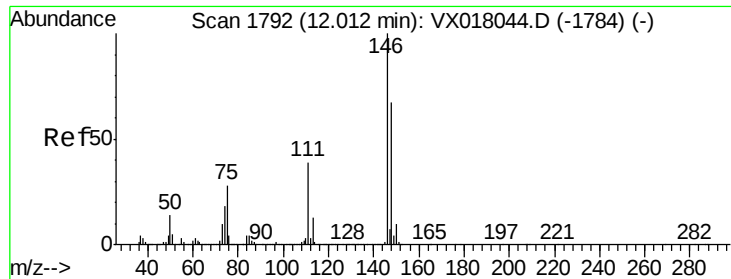
Ion Ratio Lower Upper

119 100

134 26.7 13.2 39.5

91 25.5 11.8 35.4





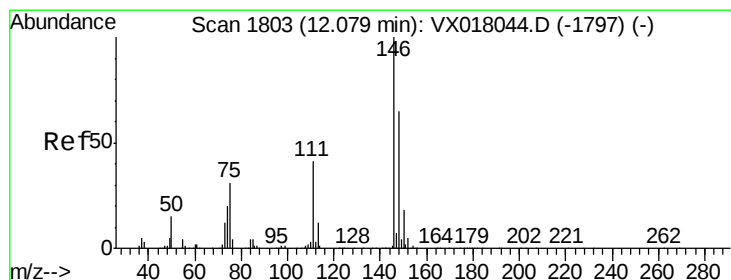
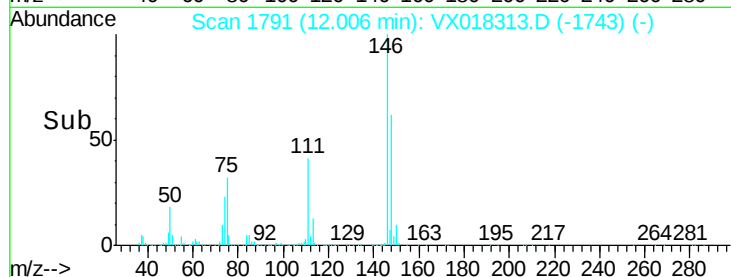
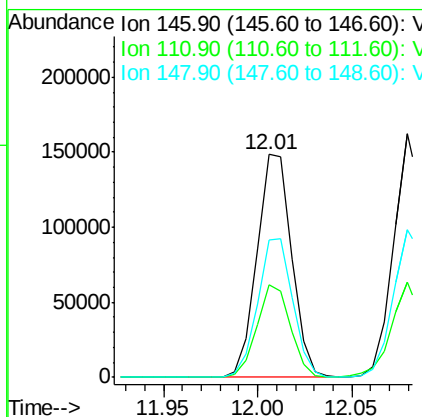
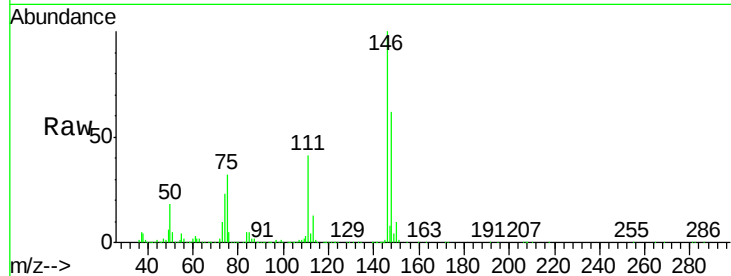
#87
 1,3-Dichlorobenzene
 Concen: 17.889 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX018313.D
 Acq: 09 Sep 2020 11:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0909WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.6	61.8
148	63.0	33.1	99.2

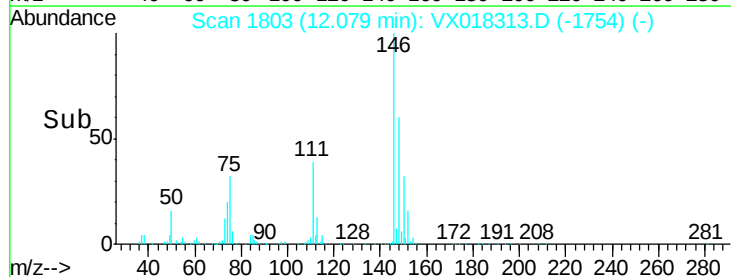
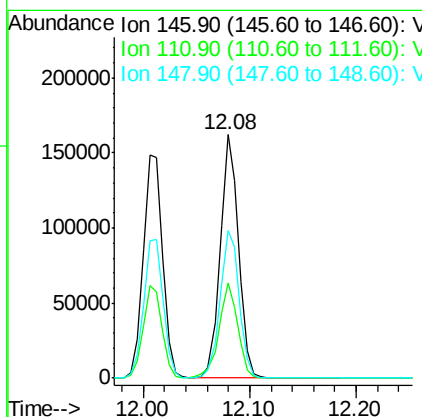
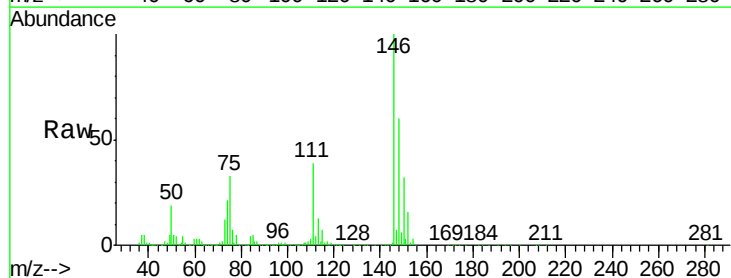
Manual Integrations
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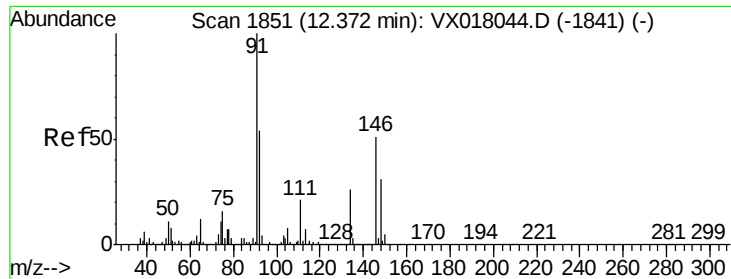
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#88
 1,4-Dichlorobenzene
 Concen: 18.233 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018313.D
 Acq: 09 Sep 2020 11:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.3	60.8
148	63.4	33.1	99.2





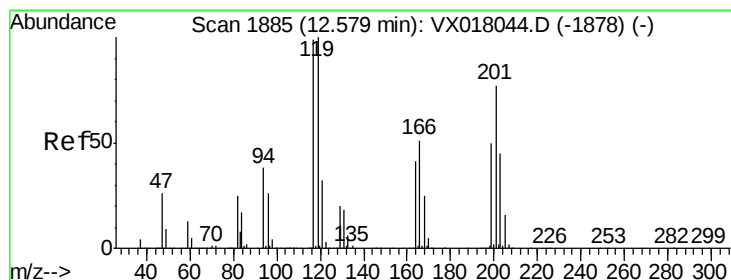
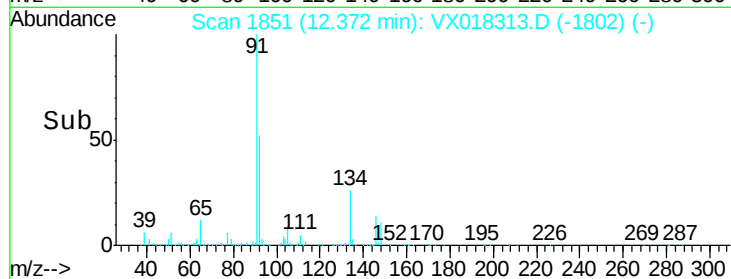
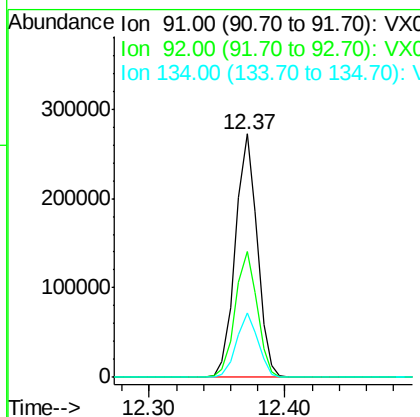
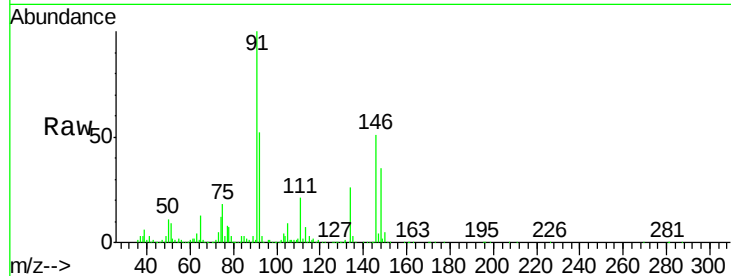
#89
n-Butylbenzene
Concen: 17.928 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018313.D
Acq: 09 Sep 2020 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0909WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.4	79.2
134	26.2	12.9	38.7

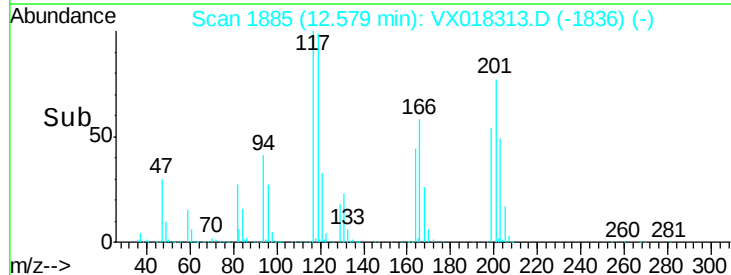
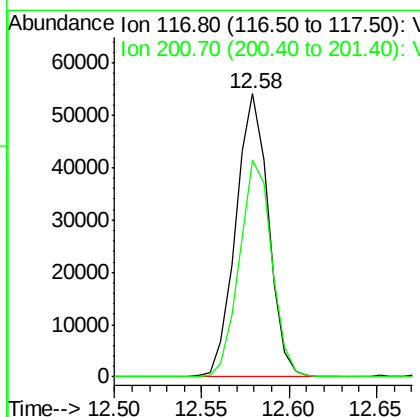
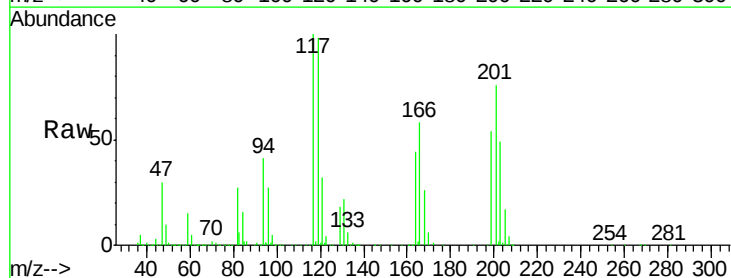
Manual Integrations
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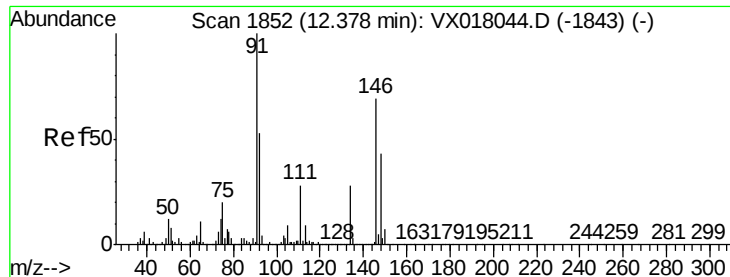
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9/10/2020 4:03:14 PM



#90
Hexachloroethane
Concen: 19.177 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018313.D
Acq: 09 Sep 2020 11:35

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.3	38.5	115.3





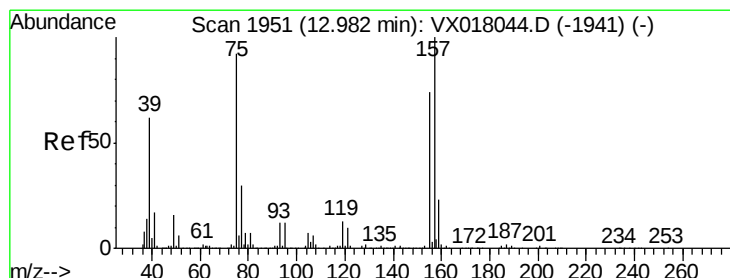
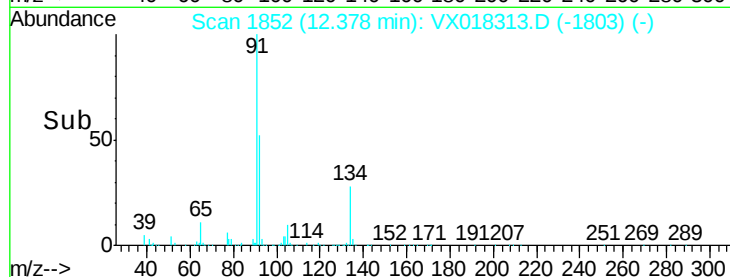
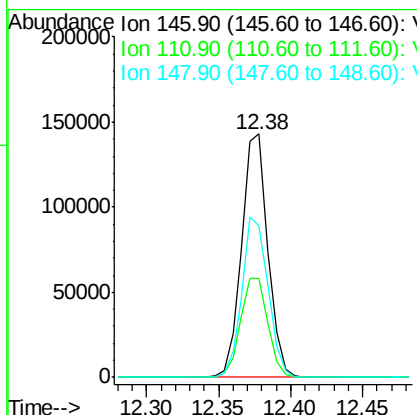
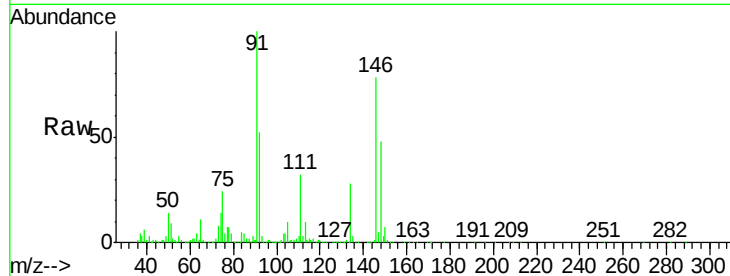
#91
 1,2-Dichlorobenzene
 Concen: 18.045 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018313.D
 Acq: 09 Sep 2020 11:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0909WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	180364		
111	42.4	20.8	62.5	
148	65.8	31.6	95.0	

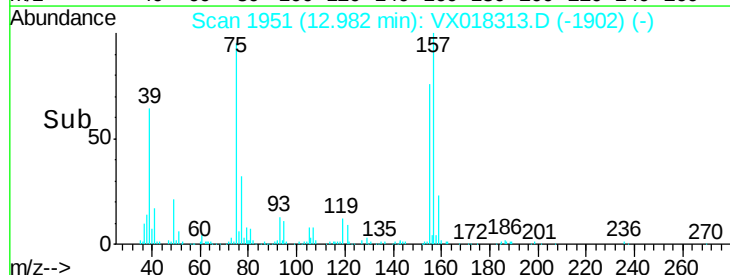
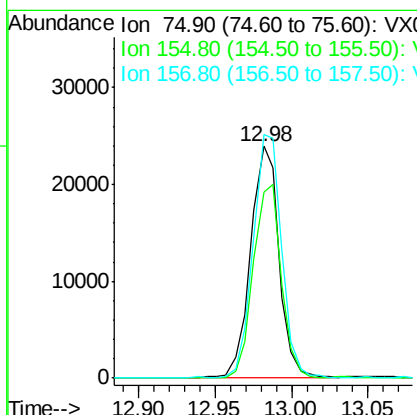
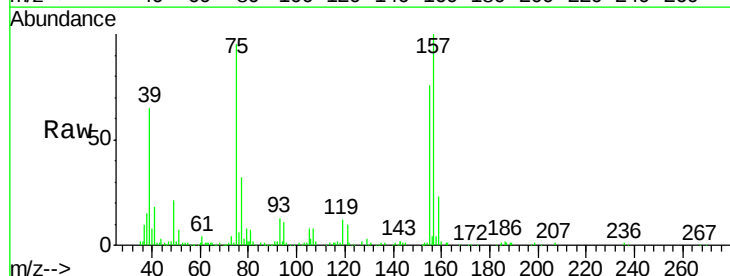
Manual Integrations
 APPROVED

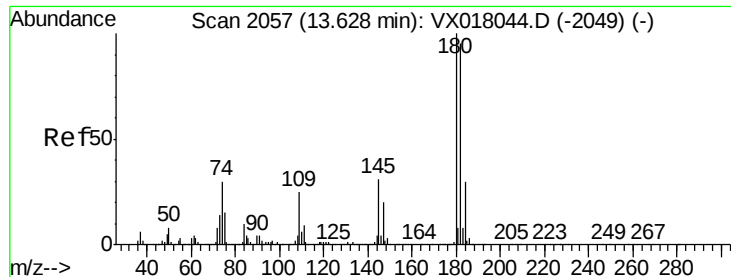
MMDadoda
 9/10/2020 4:03:14 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.094 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018313.D
 Acq: 09 Sep 2020 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	31059		
155	82.1	40.2	120.6	
157	105.1	55.0	165.2	





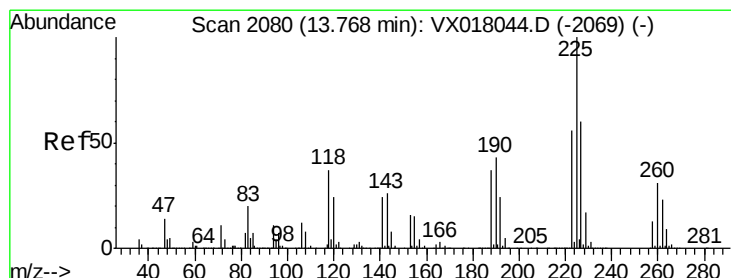
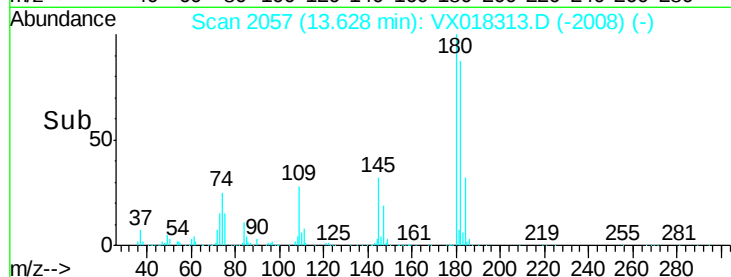
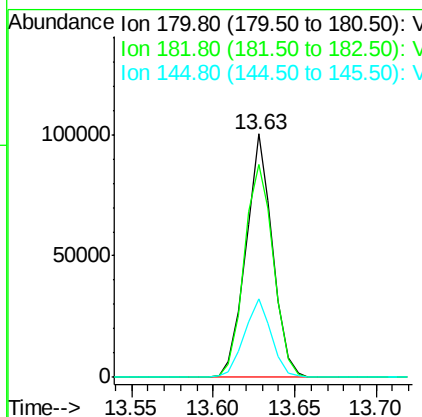
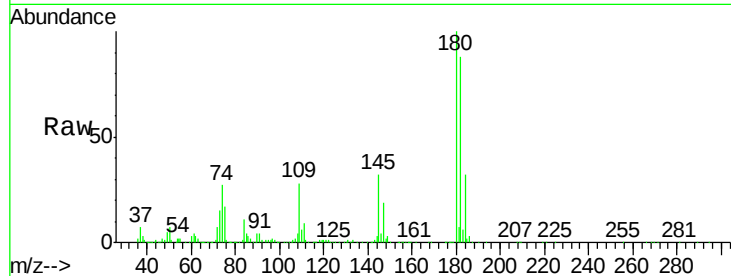
#93
 1,2,4-Trichlorobenzene
 Concen: 17.085 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018313.D
 Acq: 09 Sep 2020 11:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0909WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	113874		
182	95.8	47.5	142.6	
145	33.1	15.7	47.1	

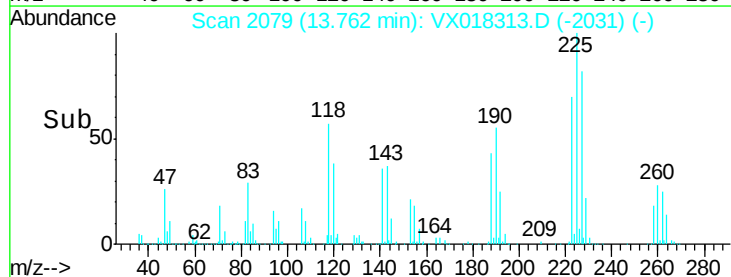
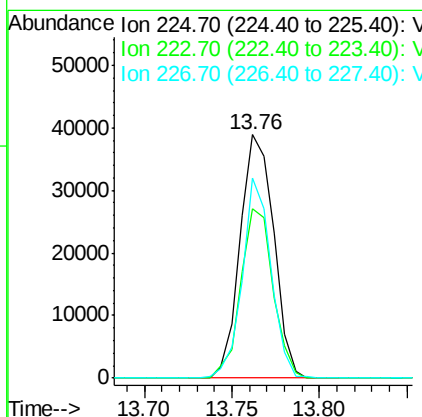
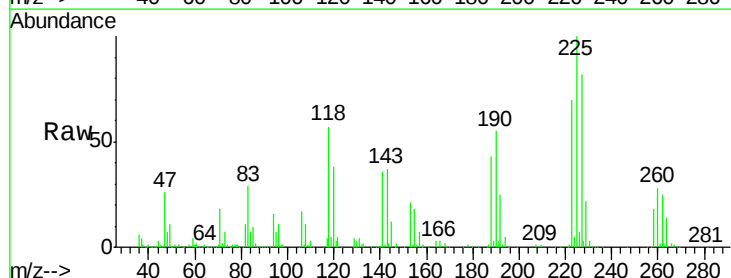
Manual Integrations
 APPROVED

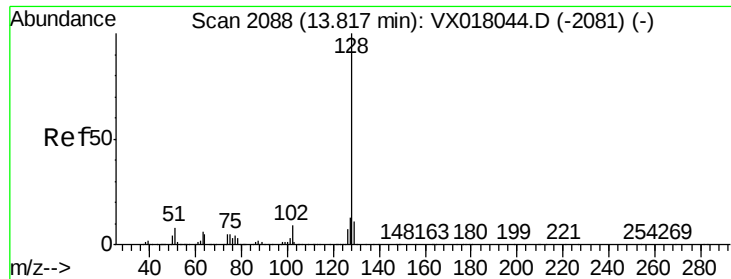
MMDadoda
 9/10/2020 4:03:14 PM



#94
 Hexachlorobutadiene
 Concen: 19.788 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX018313.D
 Acq: 09 Sep 2020 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	52021		
223	67.0	30.7	92.1	
227	69.9	32.6	97.8	





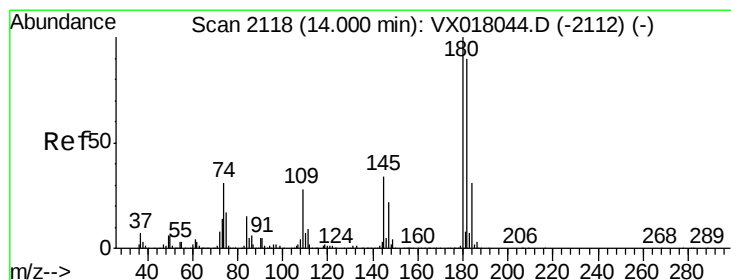
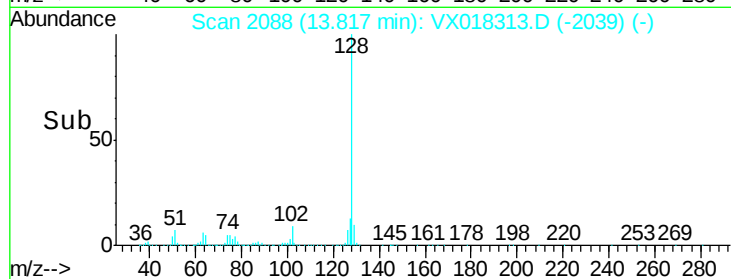
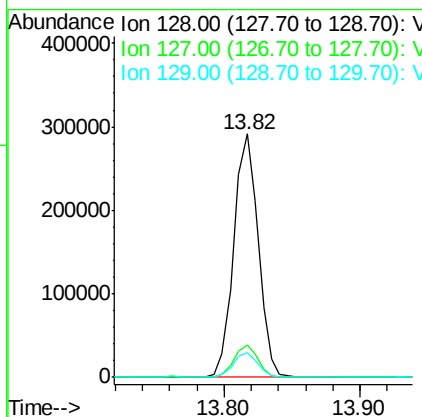
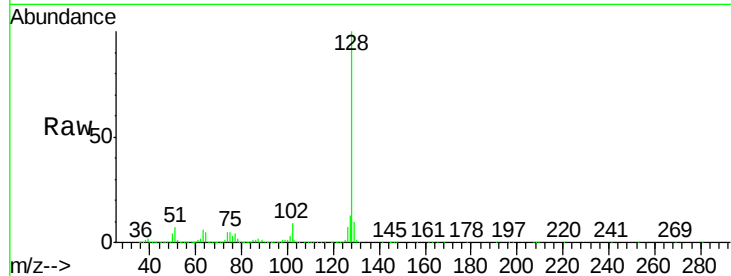
#95
Naphthalene
Concen: 16.578 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018313.D
Acq: 09 Sep 2020 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0909WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	363653		
127	13.2	10.2	15.2	
129	10.5	8.7	13.1	

Manual Integrations
APPROVED

MMDadoda
9/10/2020 4:03:14 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.234 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX018313.D
Acq: 09 Sep 2020 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	120084		
182	94.2	47.3	142.0	
145	32.4	17.5	52.6	

