

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100920\
 Data File : VX018853.D
 Acq On : 09 Oct 2020 12:48
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 10/12/2020 2:23:25 PM

Quant Time: Oct 09 13:44:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 09 13:36:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	206387	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	309107	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	294052	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	167332	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	298919	101.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.62%	
35) Dibromofluoromethane	5.46	113	218064	100.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.76%	
50) Toluene-d8	8.70	98	781547	100.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.90%	
62) 4-Bromofluorobenzene	11.12	95	328513	105.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	211.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	241220	119.205	ug/l	99
3) Chloromethane	1.31	50	181080	80.786	ug/l	97
4) Vinyl Chloride	1.39	62	216377	90.892	ug/l	97
5) Bromomethane	1.62	94	122950	87.107	ug/l	98
6) Chloroethane	1.70	64	134679	97.425	ug/l	99
7) Trichlorofluoromethane	1.92	101	415688	110.041	ug/l	99
8) Diethyl Ether	2.17	74	116055	90.378	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	194663	98.194	ug/l	97
10) Methyl Iodide	2.49	142	226655	109.768	ug/l	98
11) Tert butyl alcohol	3.02	59	241699	481.348	ug/l	98
12) 1,1-Dichloroethene	2.36	96	187885	94.817	ug/l	98
13) Acrolein	2.27	56	193634	580.055	ug/l	97
14) Allyl chloride	2.71	41	339553	89.412	ug/l	99
15) Acrylonitrile	3.12	53	498561	424.871	ug/l	99
16) Acetone	2.42	43	554347	489.118	ug/l	98
17) Carbon Disulfide	2.55	76	541264	91.760	ug/l	98
18) Methyl Acetate	2.75	43	240611	89.071	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	646556	93.615	ug/l	100
20) Methylene Chloride	2.83	84	212922	87.367	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	214645	93.044	ug/l	96
22) Diisopropyl ether	3.82	45	605499	85.593	ug/l	92
23) Vinyl Acetate	3.79	43	3075827	482.620	ug/l	98
24) 1,1-Dichloroethane	3.67	63	389191	93.418	ug/l	98
25) 2-Butanone	4.64	43	801878	466.058	ug/l	99
26) 2,2-Dichloropropane	4.55	77	377554	96.878	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	235202	91.356	ug/l	99
28) Bromochloromethane	4.98	49	181253	94.016	ug/l	98
29) Tetrahydrofuran	5.09	42	452225	428.450	ug/l	98
30) Chloroform	5.18	83	422750	98.758	ug/l	99
31) Cyclohexane	5.55	56	289115	85.098	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	411606	102.272	ug/l	99
36) 1,1-Dichloropropene	5.77	75	309094	102.558	ug/l	99
37) Ethyl Acetate	4.79	43	312109	97.771	ug/l	100
38) Carbon Tetrachloride	5.76	117	390842	114.341	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	308883	93.609	ug/l	98
40) Benzene	6.11	78	837654	97.541	ug/l	99
41) Methacrylonitrile	5.00	41	174037	97.947	ug/l	99
42) 1,2-Dichloroethane	6.16	62	379621	110.760	ug/l	99
43) Isopropyl Acetate	6.41	43	520514	98.643	ug/l	99
44) Trichloroethene	7.19	130	246903	99.022	ug/l	100
45) 1,2-Dichloropropane	7.49	63	218340	93.037	ug/l	97
46) Dibromomethane	7.63	93	162751	100.115	ug/l	99
47) Bromodichloromethane	7.87	83	353516	106.474	ug/l	96
48) Methyl methacrylate	7.74	41	265269	102.546	ug/l	100
49) 1,4-Dioxane	7.71	88	67483	1615.281	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1595592	505.577	ug/l	100
52) Toluene	8.77	92	558738	102.566	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	390968	104.506	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	393106	102.792	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	228216	101.120	ug/l	98
56) Ethyl methacrylate	9.16	69	350149	105.828	ug/l	99
57) 1,3-Dichloropropane	9.35	76	384910	101.480	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	900183	509.093	ug/l	99
59) 2-Hexanone	9.48	43	1247777	519.894	ug/l	99
60) Dibromochloromethane	9.57	129	297738	109.723	ug/l	99
61) 1,2-Dibromoethane	9.65	107	253870	105.502	ug/l	99
64) Tetrachloroethene	9.32	164	220406	95.582	ug/l	96
65) Chlorobenzene	10.12	112	631217	103.634	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	261383	106.872	ug/l	99
67) Ethyl Benzene	10.24	91	1110049	105.144	ug/l	95
68) m/p-Xylenes	10.34	106	850043	212.324	ug/l	99
69) o-Xylene	10.68	106	412273	109.098	ug/l	98
70) Styrene	10.70	104	710647	109.116	ug/l	99
71) Bromoform	10.84	173	234026	113.296	ug/l #	98
73) Isopropylbenzene	11.00	105	1146042	102.264	ug/l	100
74) N-amyl acetate	10.88	43	488162	98.542	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	346856	94.393	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	333409m	95.029	ug/l	
77) Bromobenzene	11.24	156	294292	95.252	ug/l	95
78) n-propylbenzene	11.34	91	1304294	100.044	ug/l	99
79) 2-Chlorotoluene	11.40	91	791071	99.947	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1012083	105.453	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	130622	96.891	ug/l	99
82) 4-Chlorotoluene	11.49	91	953047	101.089	ug/l	99
83) tert-Butylbenzene	11.76	119	1004431	107.685	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1010477	104.847	ug/l	100
85) sec-Butylbenzene	11.93	105	1139790	104.092	ug/l	99
86) p-Isopropyltoluene	12.05	119	1089925	107.732	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	539150	97.069	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	522857	93.232	ug/l	99
89) n-Butylbenzene	12.37	91	928264	100.222	ug/l	99
90) Hexachloroethane	12.58	117	187909	94.671	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	503122	96.501	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	93156	103.692	ug/l	94

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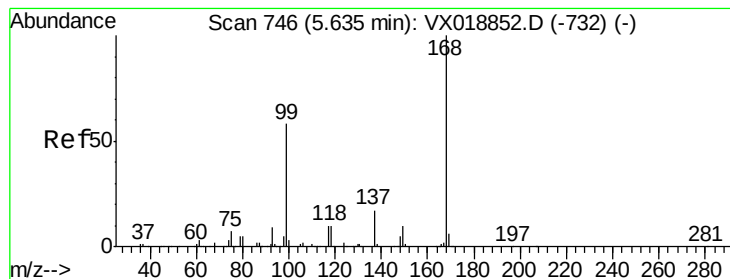
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	363858	101.219	ug/l	94
94) Hexachlorobutadiene	13.77	225	149271	98.814	ug/l	98
95) Naphthalene	13.82	128	1120085	103.257	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	345291	100.266	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX018853.D

Acq: 09 Oct 2020 12:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:168 Resp: 206387

Ion Ratio Lower Upper

168 100

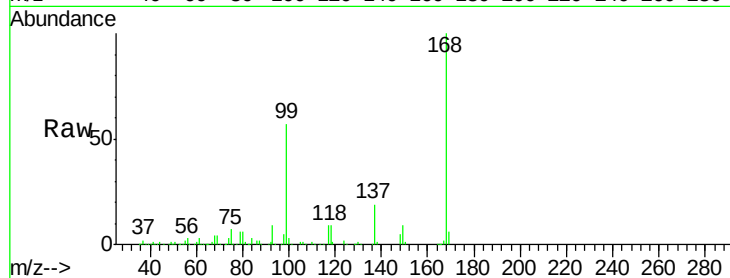
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Manual Integrations

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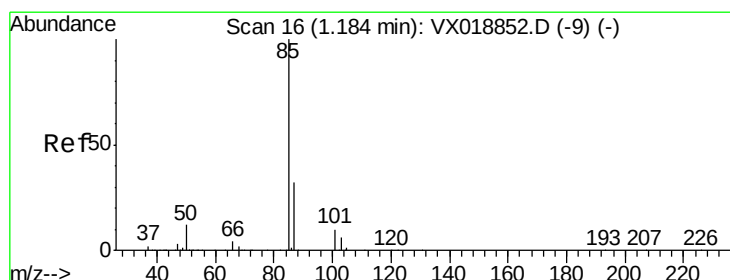
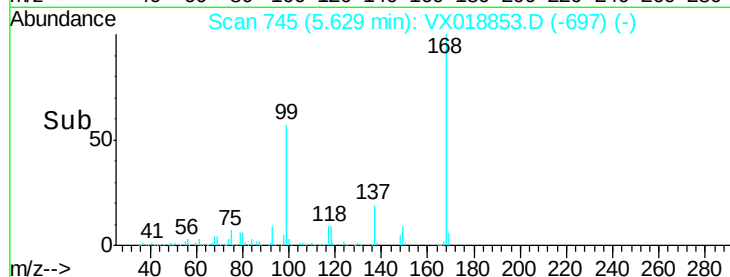
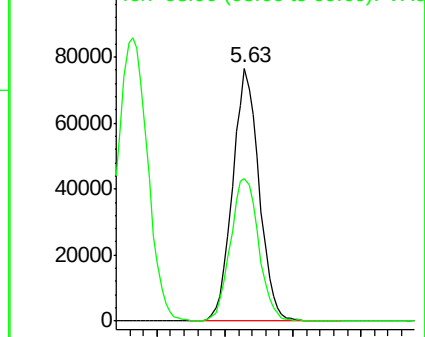
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 119.205 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018853.D

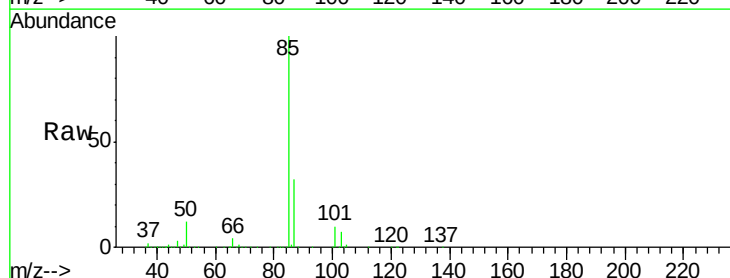
Acq: 09 Oct 2020 12:48

Tgt Ion: 85 Resp: 241220

Ion Ratio Lower Upper

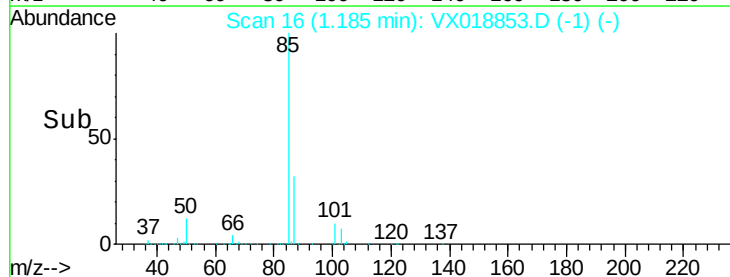
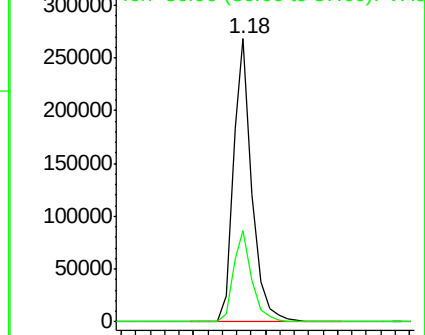
85 100

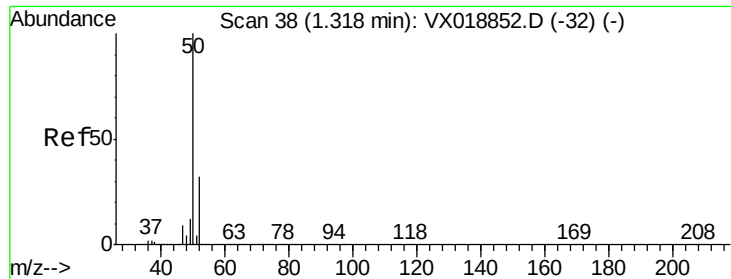
87 32.5 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 80.786 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX018853.D

Acq: 09 Oct 2020 12:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 181080

Ion Ratio Lower Upper

50 100

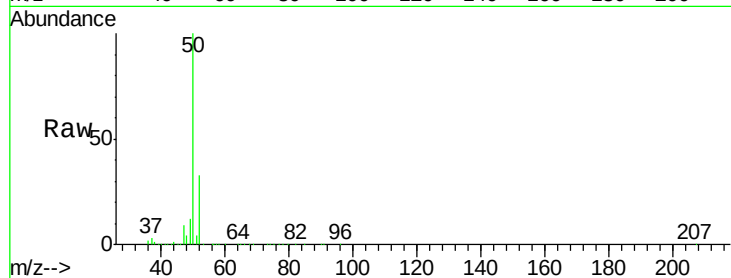
52 33.1 25.2 37.8

Manual Integrations

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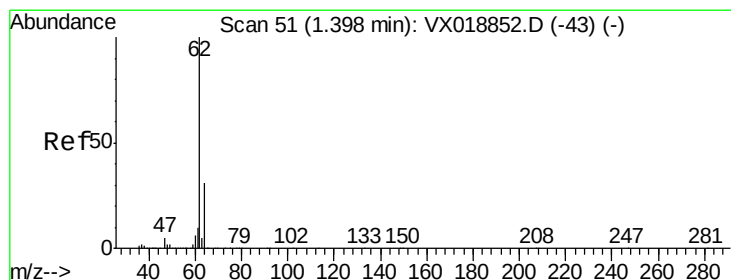
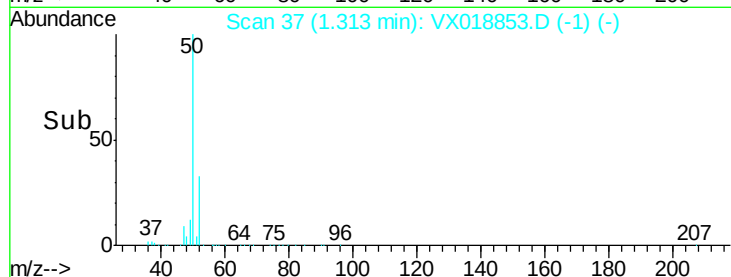
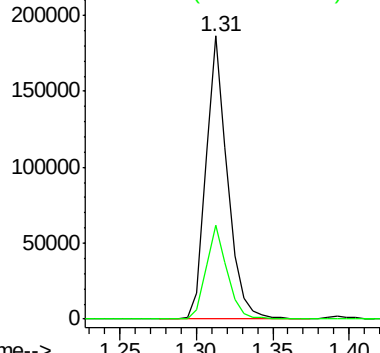
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 90.892 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.01 min

Lab File: VX018853.D

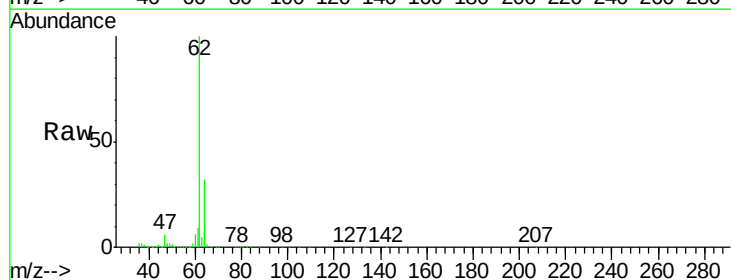
Acq: 09 Oct 2020 12:48

Tgt Ion: 62 Resp: 216377

Ion Ratio Lower Upper

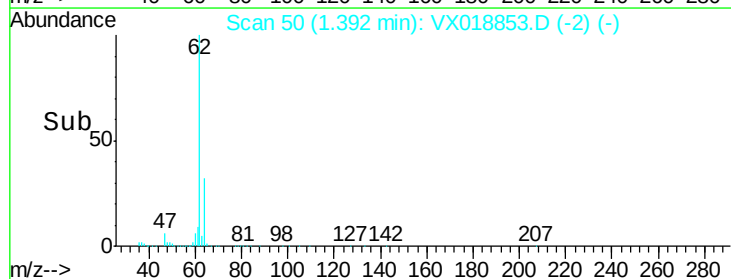
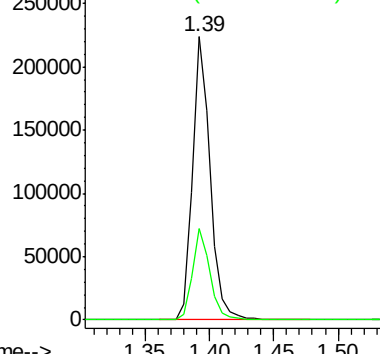
62 100

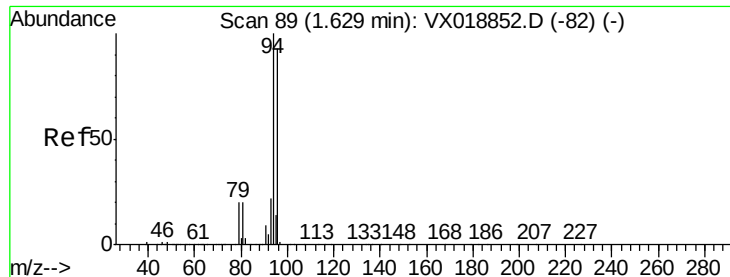
64 32.4 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 87.107 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX018853.D

Acq: 09 Oct 2020 12:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 94 Resp: 122950

Ion Ratio Lower Upper

94 100

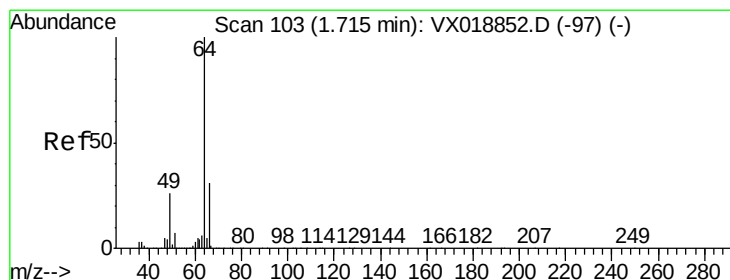
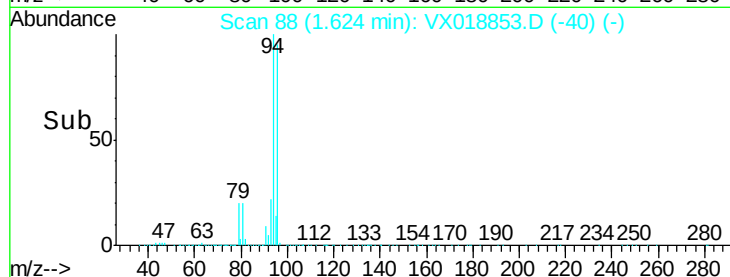
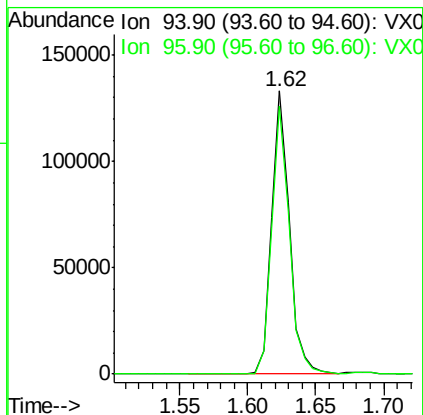
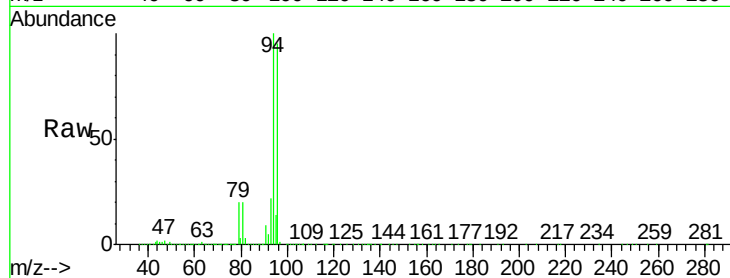
96 94.8 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 97.425 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX018853.D

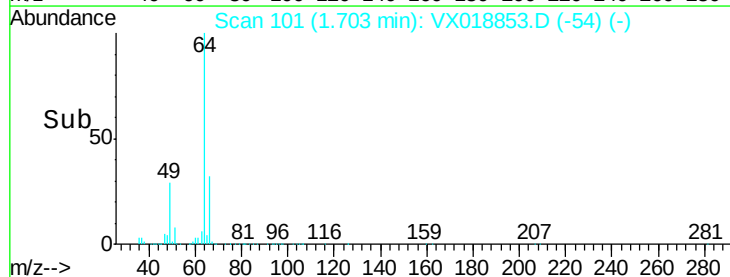
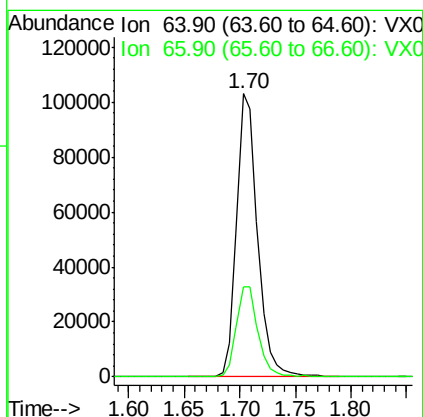
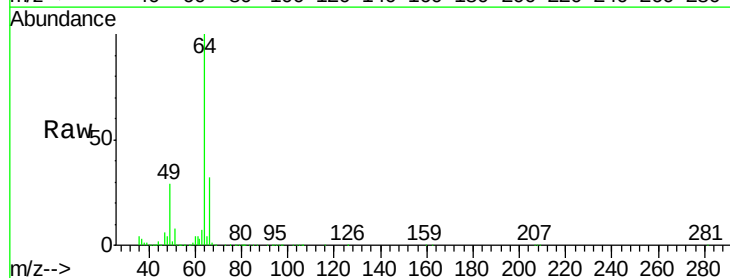
Acq: 09 Oct 2020 12:48

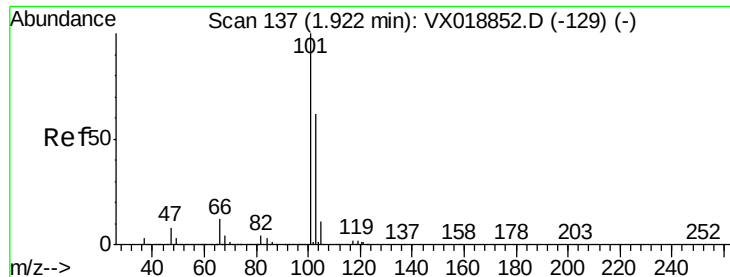
Tgt Ion: 64 Resp: 134679

Ion Ratio Lower Upper

64 100

66 31.7 24.7 37.1





#7

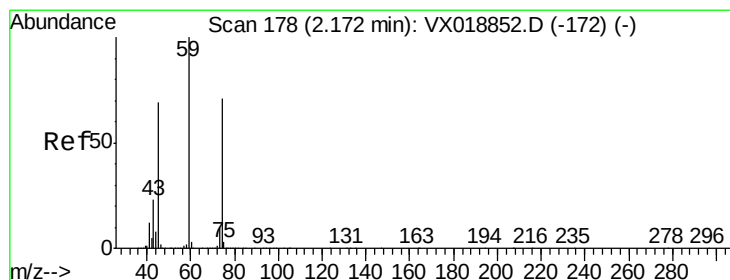
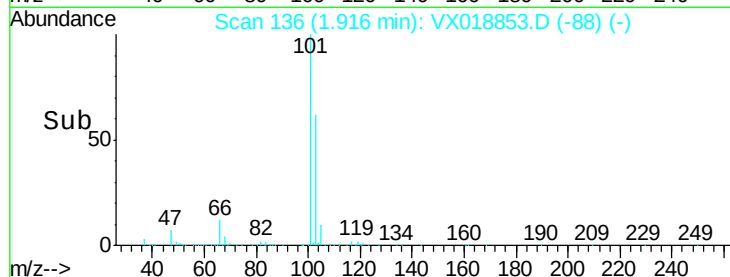
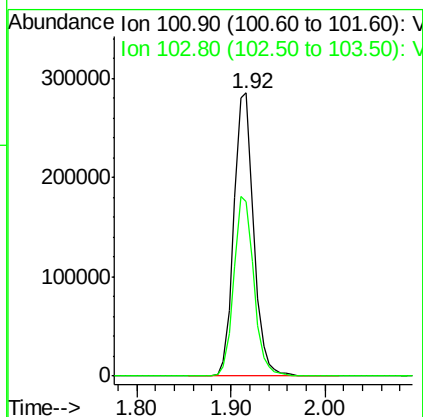
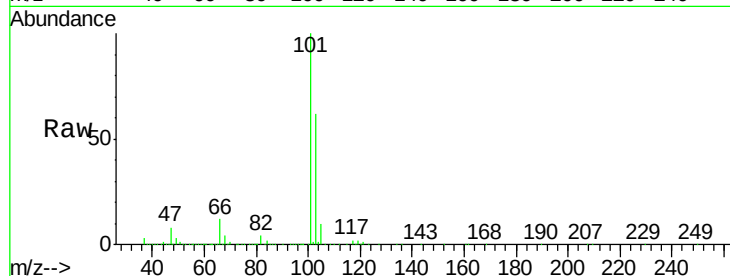
Trichlorofluoromethane
Concen: 110.041 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX018853.D
Acq: 09 Oct 2020 12:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.9	50.0	75.0

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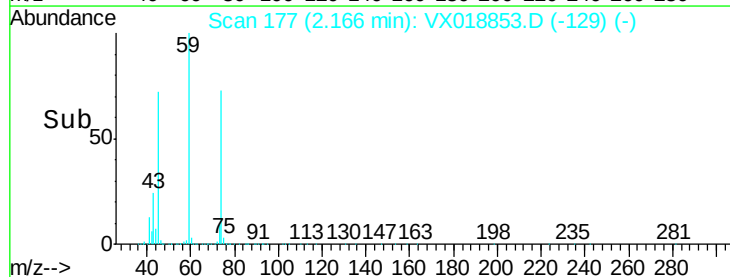
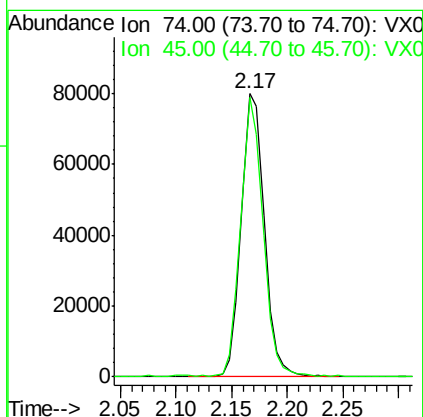
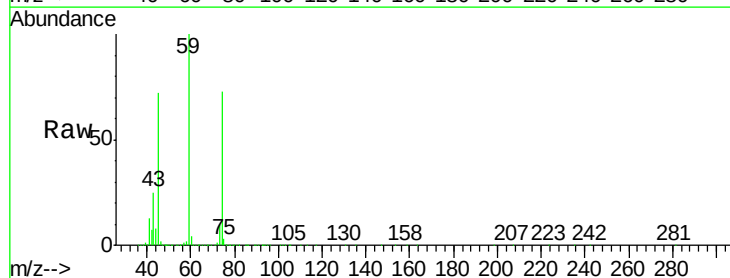
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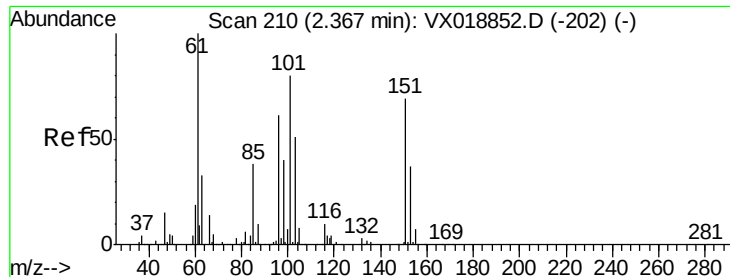


#8

Diethyl Ether
Concen: 90.378 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018853.D
Acq: 09 Oct 2020 12:48

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.9	47.0	141.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 98.194 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX018853.D

Acq: 09 Oct 2020 12:48

Instrument :

MSVOA_X

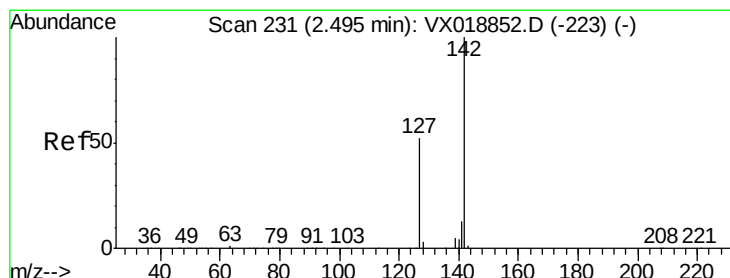
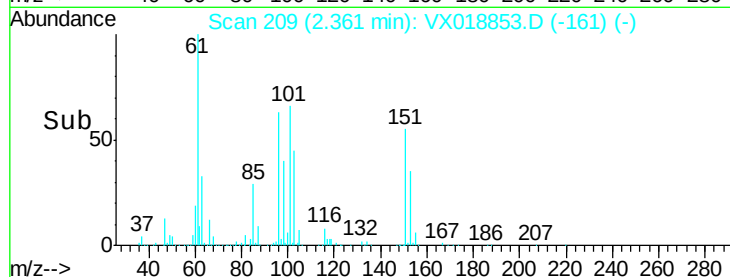
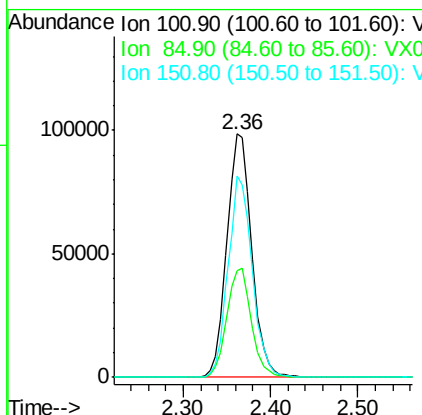
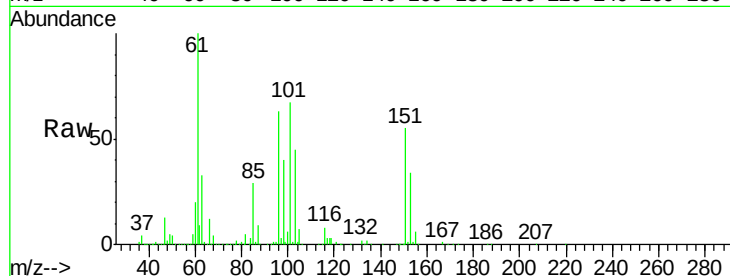
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	194663
Ion Ratio	Lower	Upper	
101	100		
85	44.0	36.6	55.0
151	80.8	67.2	100.8

Manual Integrations
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#10

Methyl Iodide

Concen: 109.768 ug/l

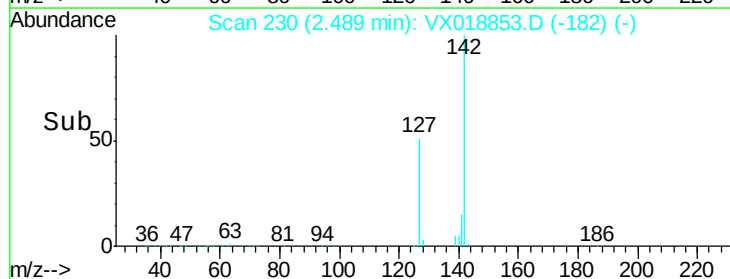
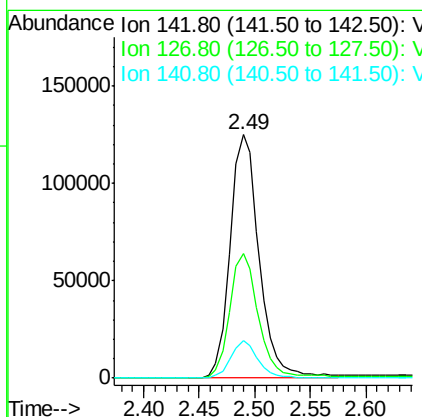
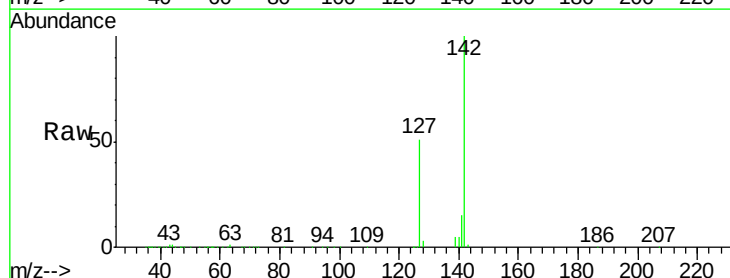
RT: 2.49 min Scan# 230

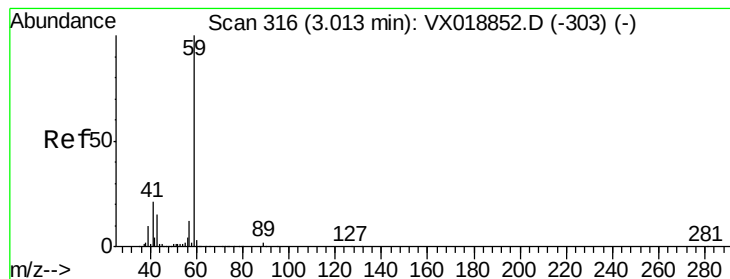
Delta R.T. -0.01 min

Lab File: VX018853.D

Acq: 09 Oct 2020 12:48

Tgt Ion:	142	Resp:	226655
Ion Ratio	Lower	Upper	
142	100		
127	50.8	42.0	63.0
141	14.6	11.8	17.6





#11

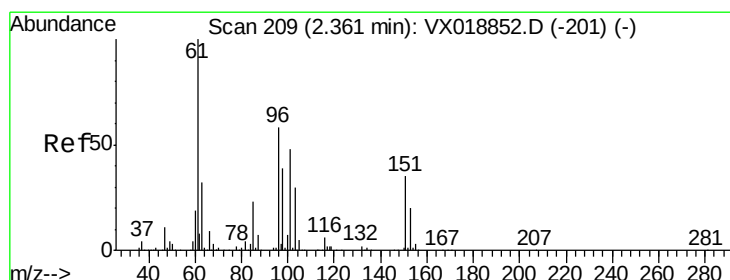
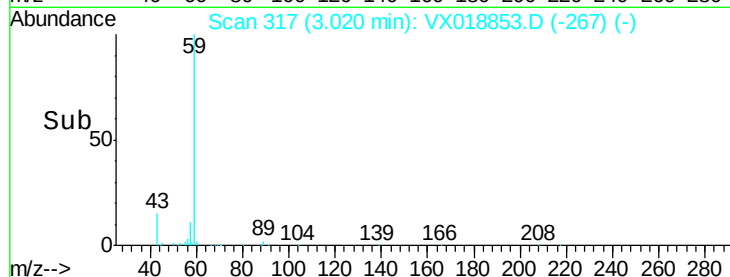
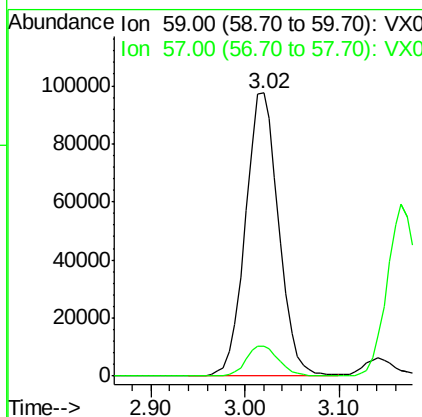
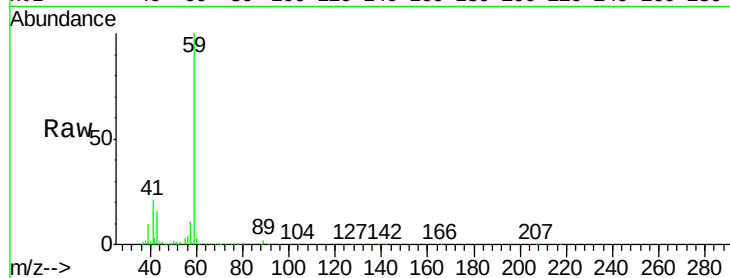
Tert butyl alcohol
 Concen: 481.348 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. 0.01 min
 Lab File: VX018853.D
 Acq: 09 Oct 2020 12:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	9.0	13.6

Manual Integrations
 APPROVED

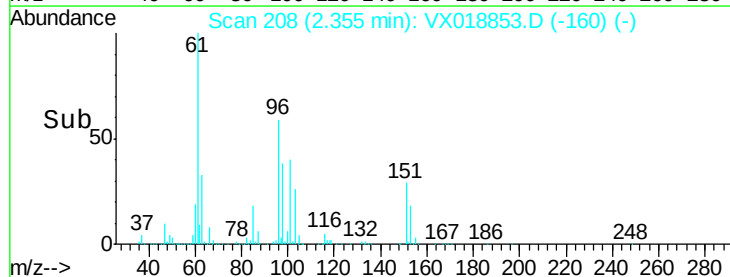
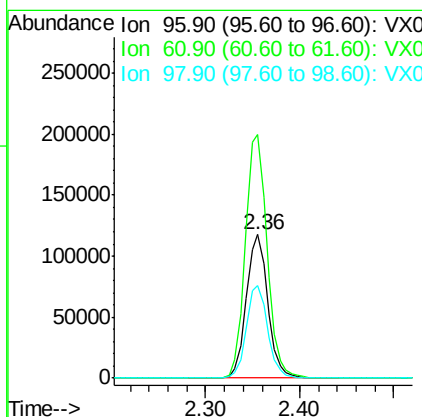
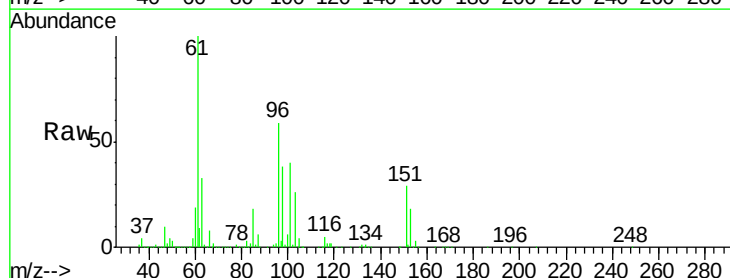
MMDadoda
 10/12/2020 2:23:25 PM

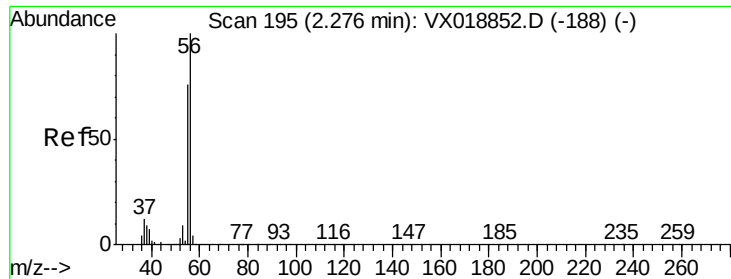


#12

1,1-Dichloroethene
 Concen: 94.817 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.01 min
 Lab File: VX018853.D
 Acq: 09 Oct 2020 12:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.8	137.0	205.6
98	64.8	53.9	80.9





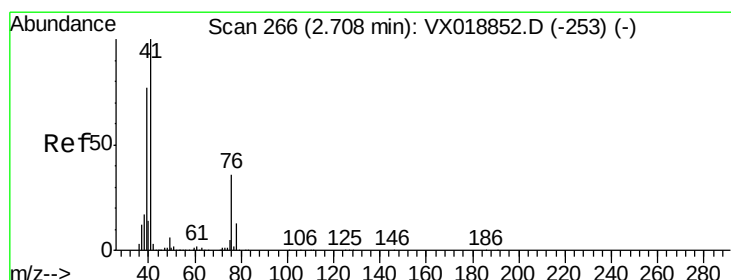
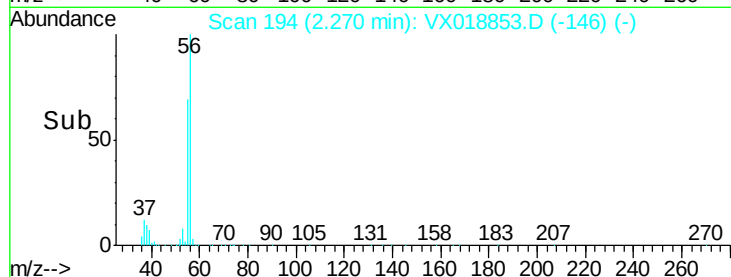
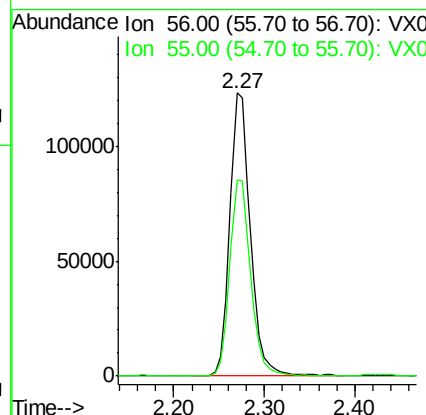
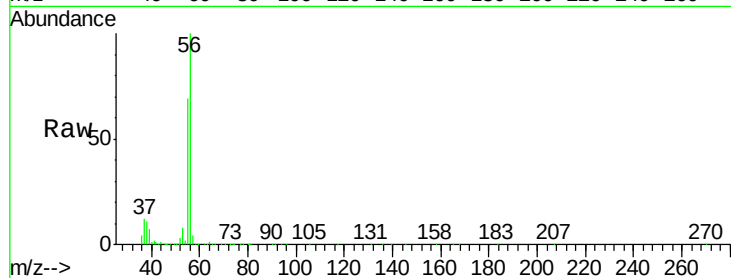
#13
Acrolein
Concen: 580.055 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX018853.D
Acq: 09 Oct 2020 12:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.8	58.6	87.8

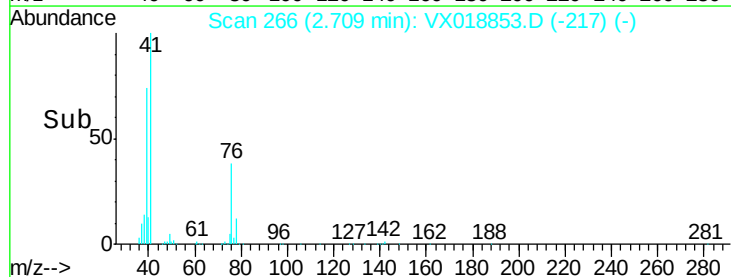
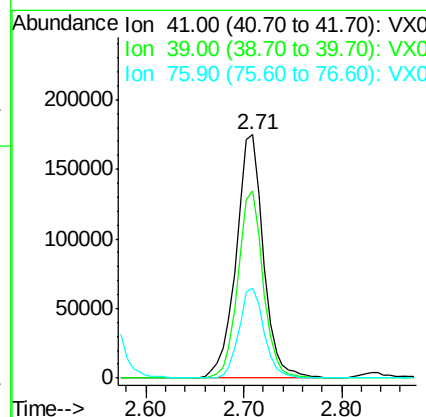
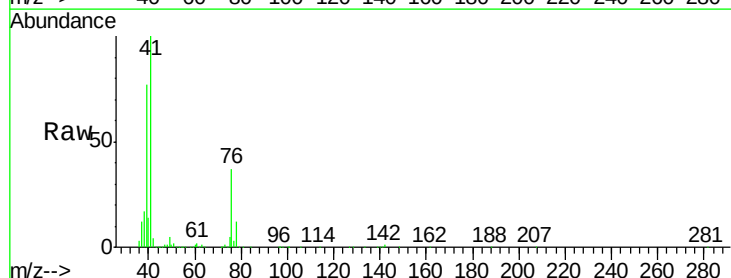
Manual Integrations
APPROVED

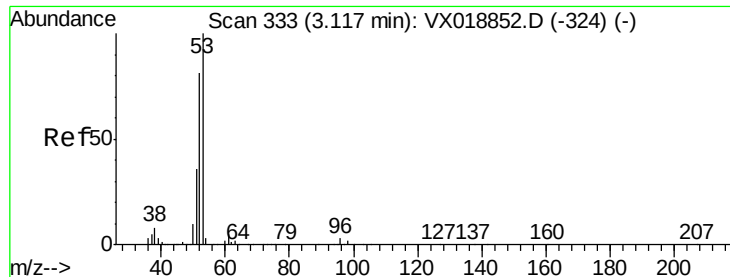
MMDadoda
10/12/2020 2:23:25 PM



#14
Allyl chloride
Concen: 89.412 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX018853.D
Acq: 09 Oct 2020 12:48

Tgt Ion	Ratio	Lower	Upper
41	100		
39	70.9	57.8	86.8
76	33.9	26.8	40.2





#15

Acrylonitrile

Concen: 424.871 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018853.D

Acq: 09 Oct 2020 12:48

Instrument :

MSVOA_X

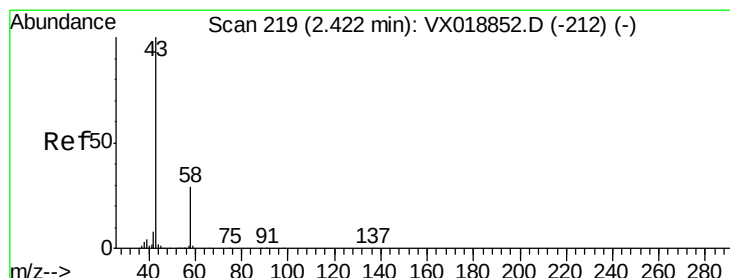
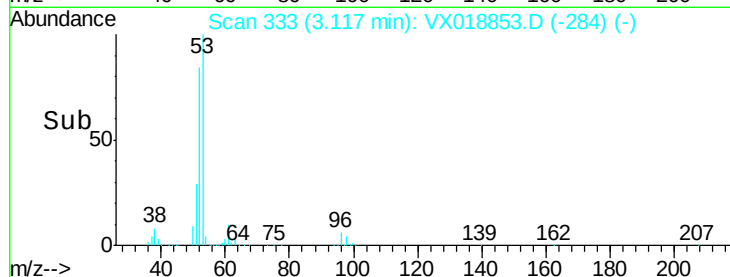
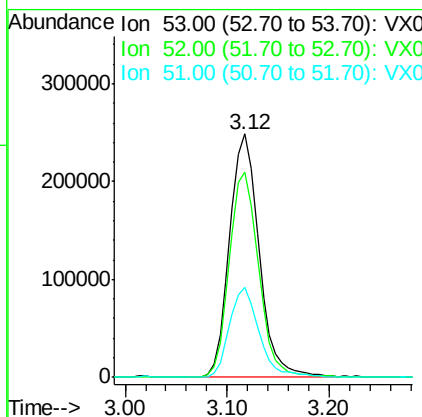
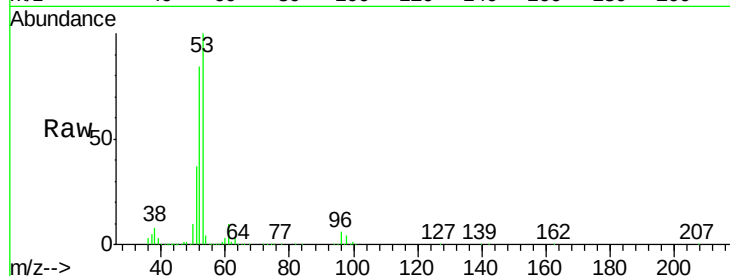
ClientSampleId :

VSTDICC100

Tot Ion:	53	Resp:	498561
Ion Ratio	Lower	Upper	
53	100		
52	84.2	66.7	100.1
51	37.4	30.3	45.5

Manual Integrations
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#16

Acetone

Concen: 489.118 ug/l

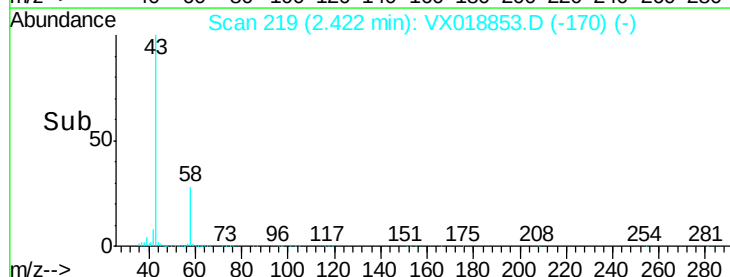
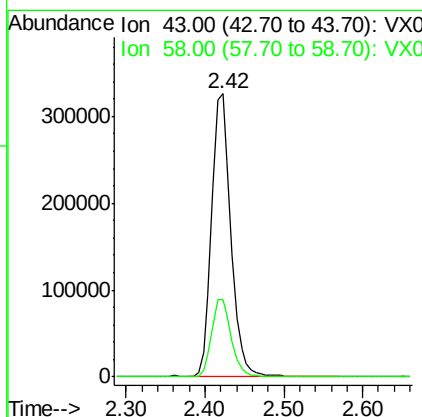
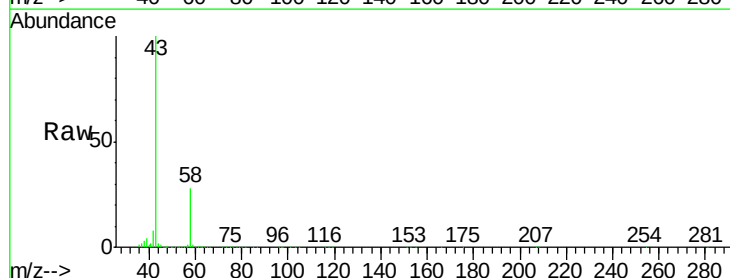
RT: 2.42 min Scan# 219

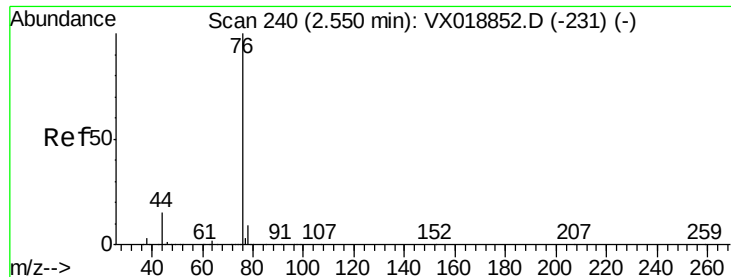
Delta R.T. 0.00 min

Lab File: VX018853.D

Acq: 09 Oct 2020 12:48

Tgt Ion:	43	Resp:	554347
Ion Ratio	Lower	Upper	
43	100		
58	27.5	23.0	34.4





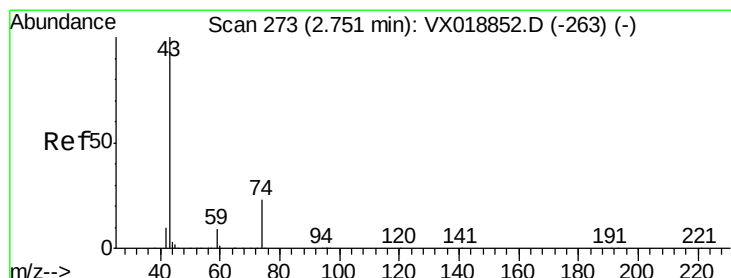
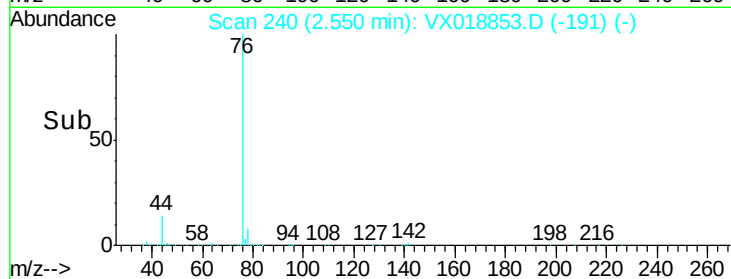
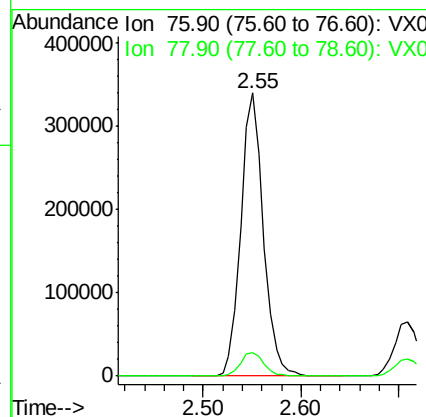
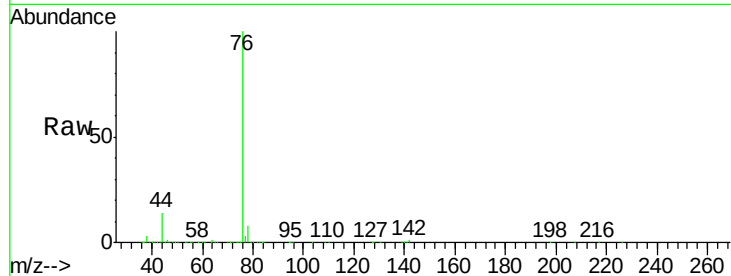
#17
Carbon Disulfide
Concen: 91.760 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX018853.D
Acq: 09 Oct 2020 12:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.3	10.9

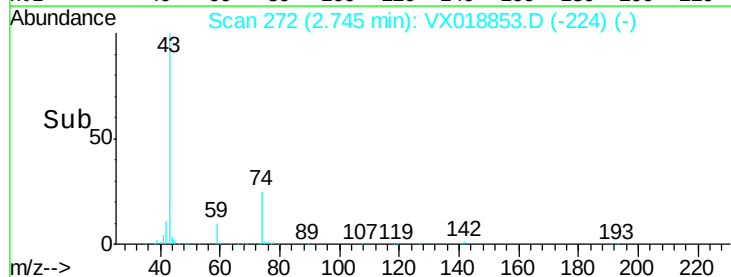
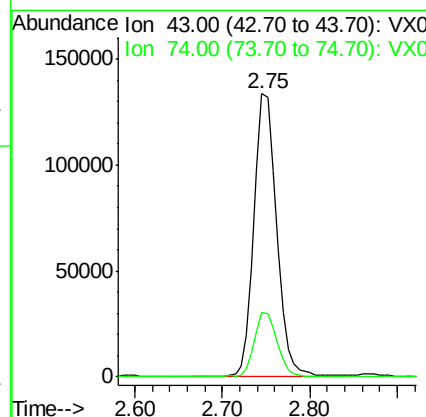
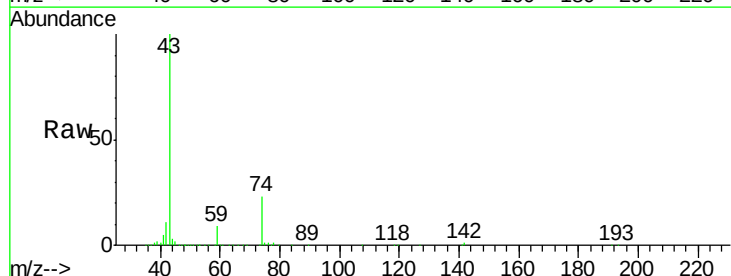
Manual Integrations
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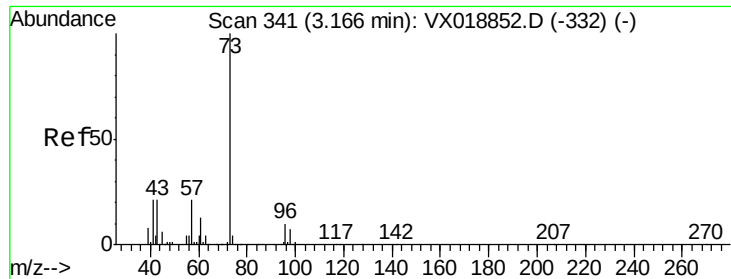
MMDadoda
10/12/2020 2:23:25 PM



#18
Methyl Acetate
Concen: 89.071 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX018853.D
Acq: 09 Oct 2020 12:48

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.3	18.9	28.3





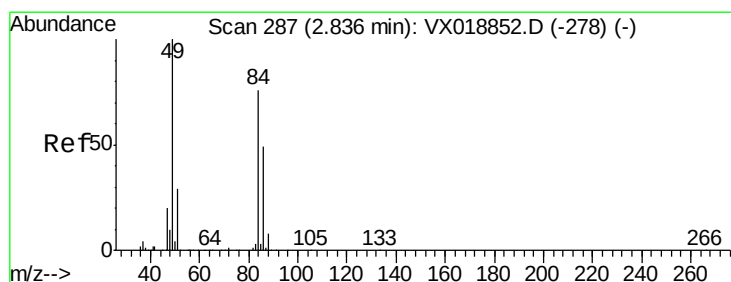
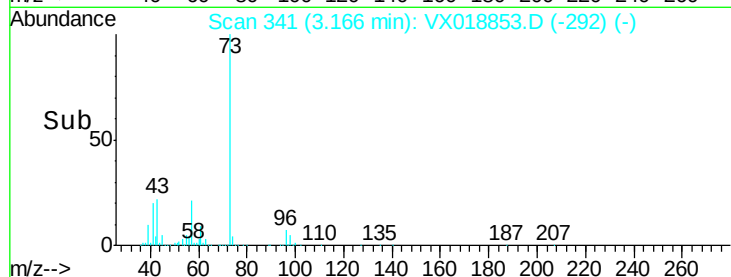
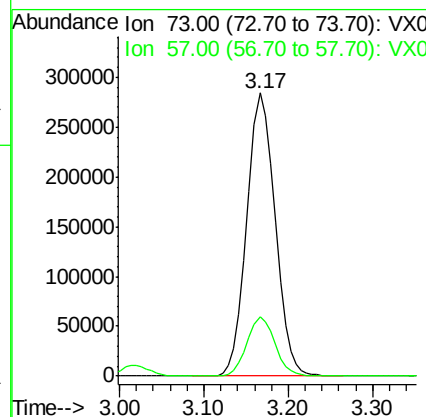
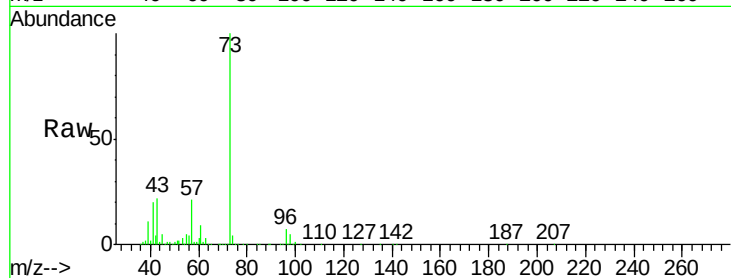
#19
Methyl tert-butyl Ether
Concen: 93.615 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX018853.D
Acq: 09 Oct 2020 12:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.9	16.7	25.1

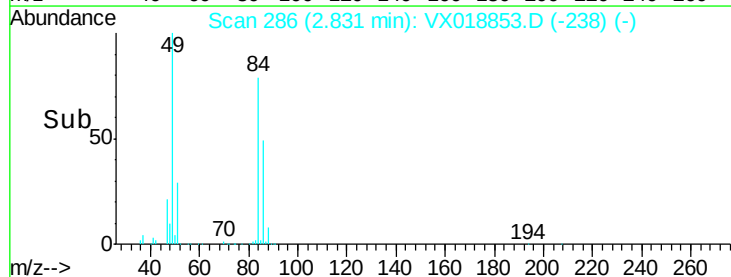
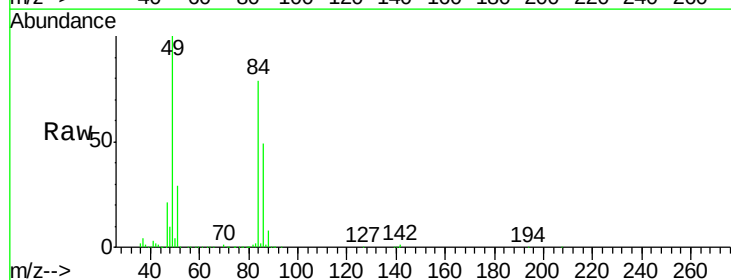
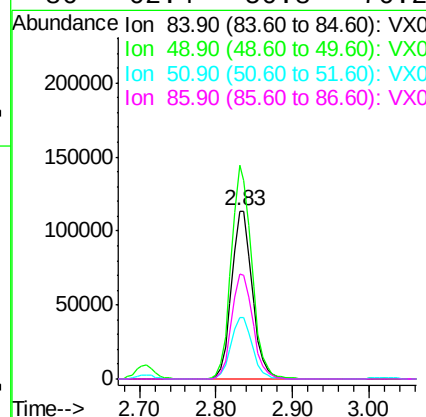
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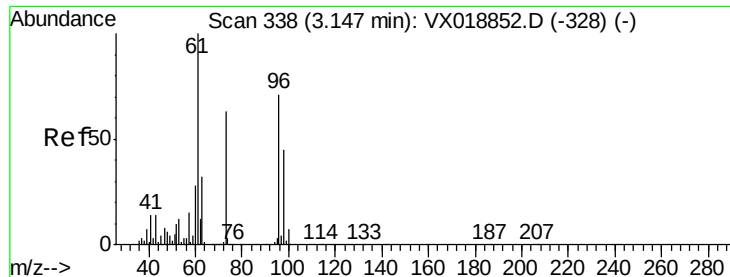
MMDadoda
10/12/2020 2:23:25 PM



#20
Methylene Chloride
Concen: 87.367 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX018853.D
Acq: 09 Oct 2020 12:48

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.0	104.8	157.2
51	36.8	30.6	46.0
86	62.4	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 93.044 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.01 min

Lab File: VX018853.D

Acq: 09 Oct 2020 12:48

Instrument :

MSVOA_X

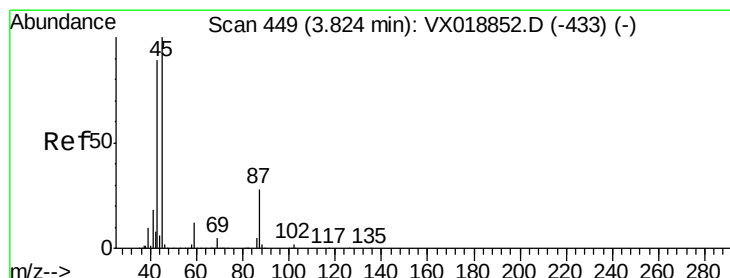
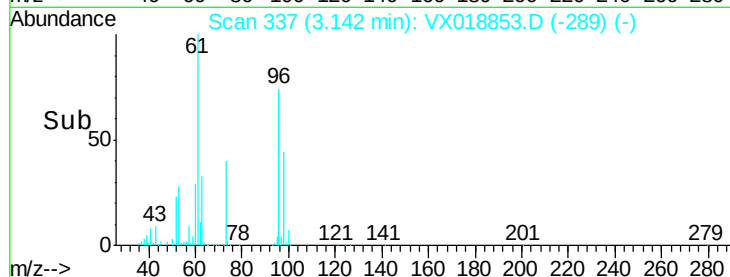
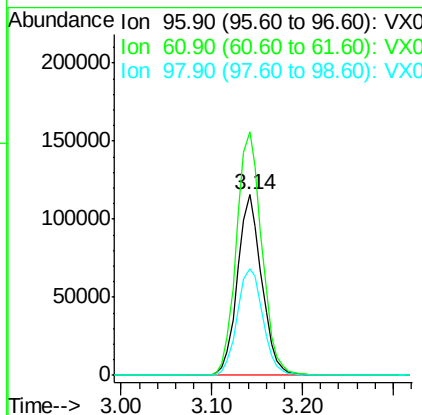
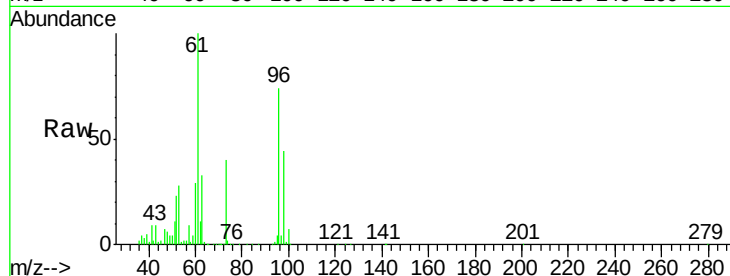
ClientSampleId :

VSTDIC100

Tot Ion:	96	Resp:	214645
Ion	Ratio	Lower	Upper
96	100		
61	135.0	112.0	168.0
98	59.2	50.2	75.2

Manual Integrations
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10/12/2020 2:23:25 PM



#22

Diisopropyl ether

Concen: 85.593 ug/l

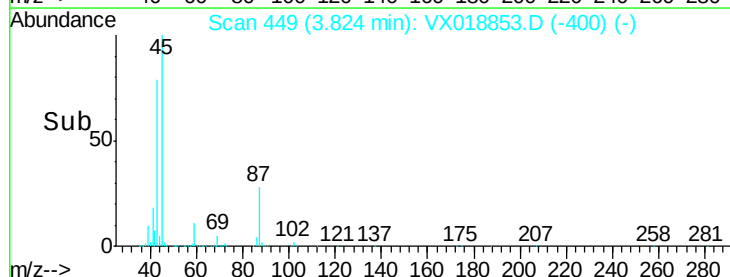
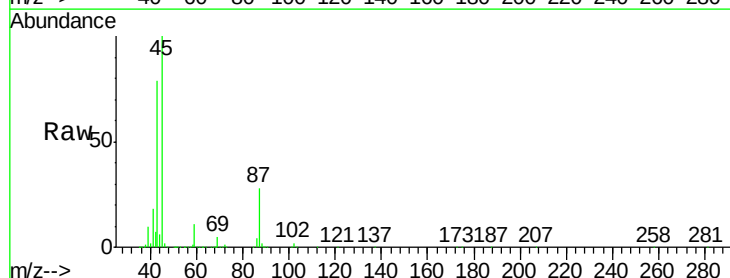
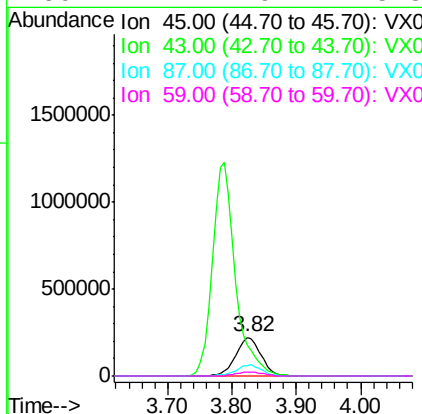
RT: 3.82 min Scan# 449

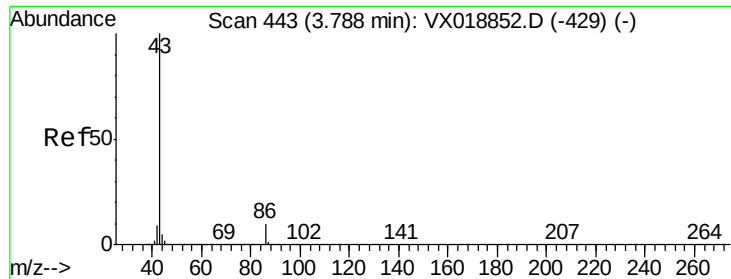
Delta R.T. 0.00 min

Lab File: VX018853.D

Acq: 09 Oct 2020 12:48

Tgt Ion:	45	Resp:	605499
Ion	Ratio	Lower	Upper
45	100		
43	78.7	71.2	106.8
87	27.9	22.5	33.7
59	11.1	9.2	13.8





#23

Vinyl Acetate

Concen: 482.620 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX018853.D

Acq: 09 Oct 2020 12:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 43 Resp: 3075827

Ion Ratio Lower Upper

43 100

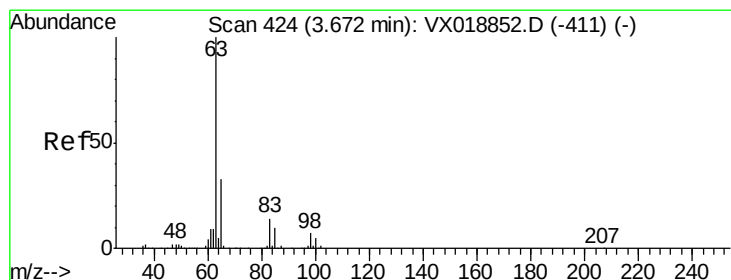
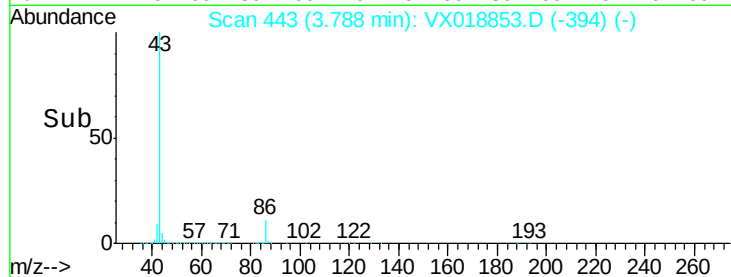
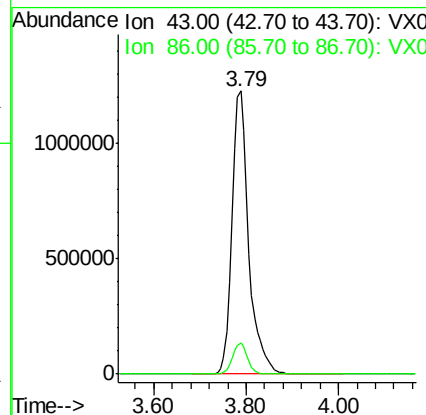
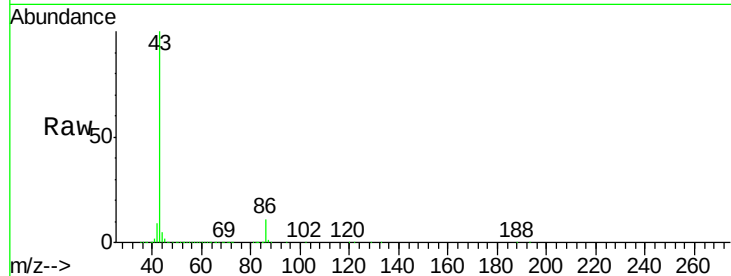
86 11.0 8.3 12.5

Manual Integrations

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MMDadoda

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#24

1,1-Dichloroethane

Concen: 93.418 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX018853.D

Acq: 09 Oct 2020 12:48

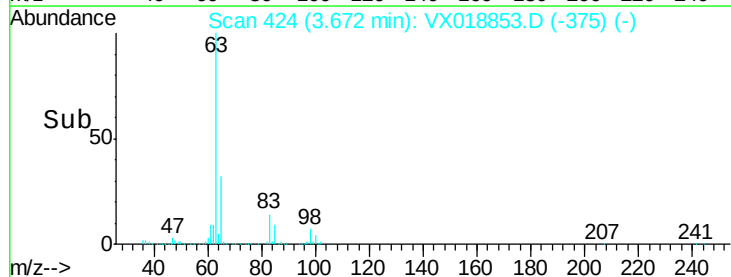
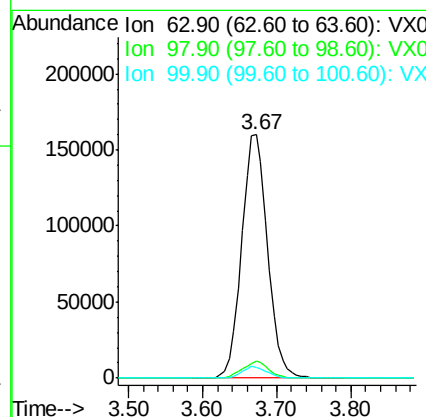
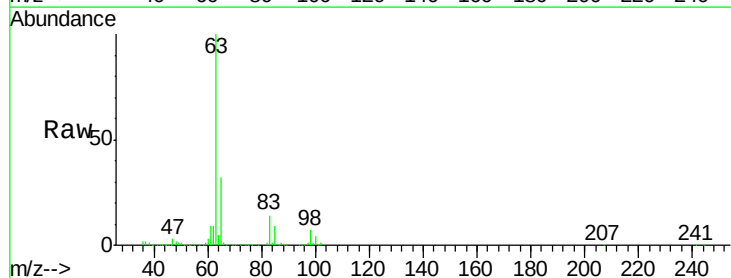
Tgt Ion: 63 Resp: 389191

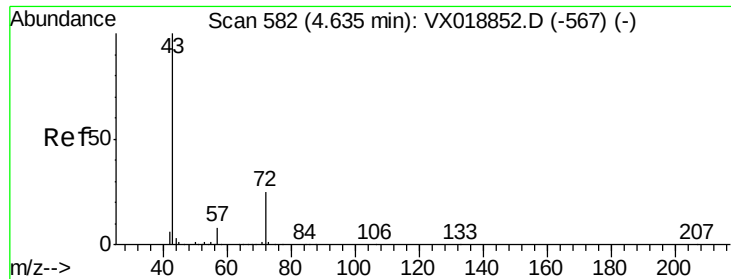
Ion Ratio Lower Upper

63 100

98 7.0 3.8 11.2

100 4.4 2.5 7.6





#25

2-Butanone

Concen: 466.058 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX018853.D

Acq: 09 Oct 2020 12:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 801878

Ion Ratio Lower Upper

43 100

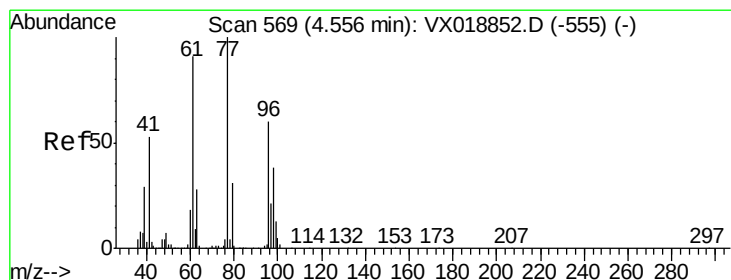
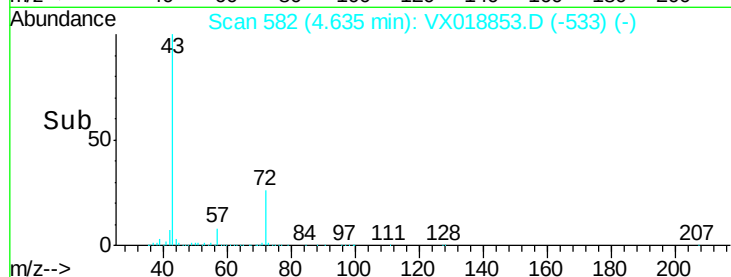
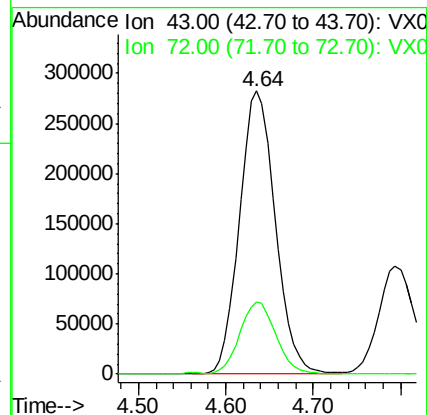
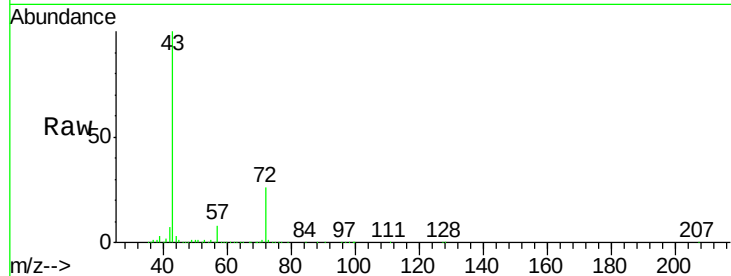
72 25.6 20.2 30.4

Manual Integrations

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MMDadoda

10/12/2020 2:23:25 PM



#26

2,2-Dichloropropane

Concen: 96.878 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX018853.D

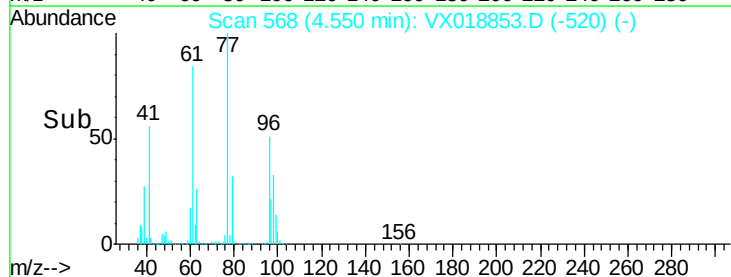
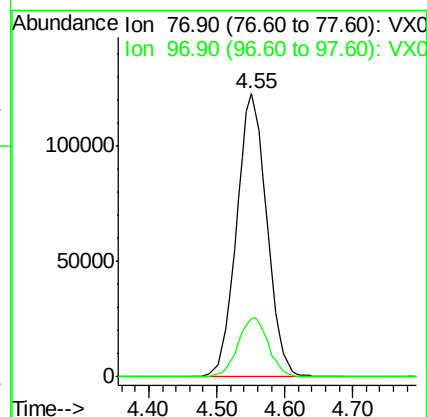
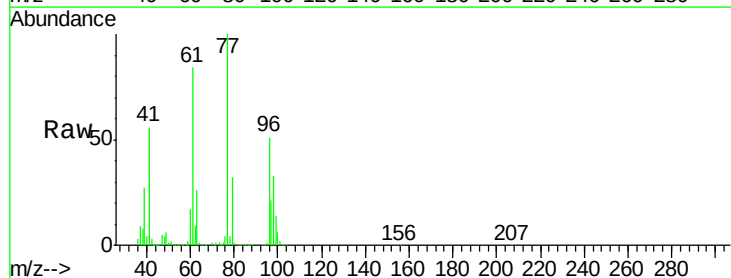
Acq: 09 Oct 2020 12:48

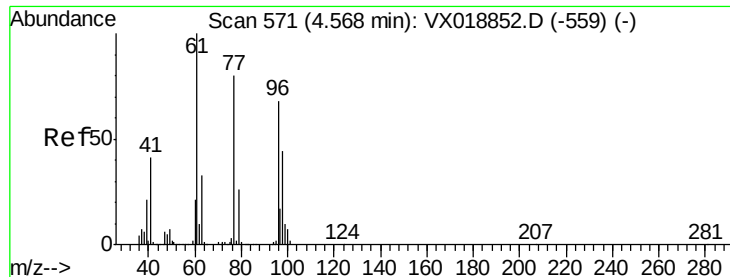
Tgt Ion: 77 Resp: 377554

Ion Ratio Lower Upper

77 100

97 21.2 10.4 31.4





#27

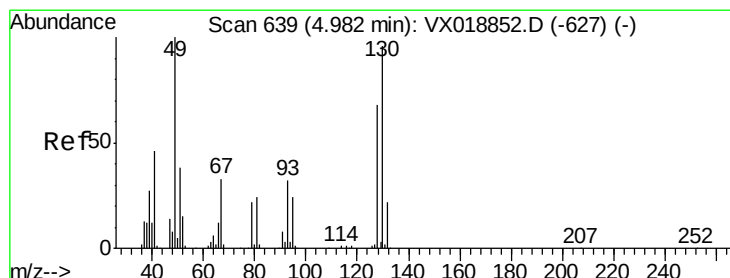
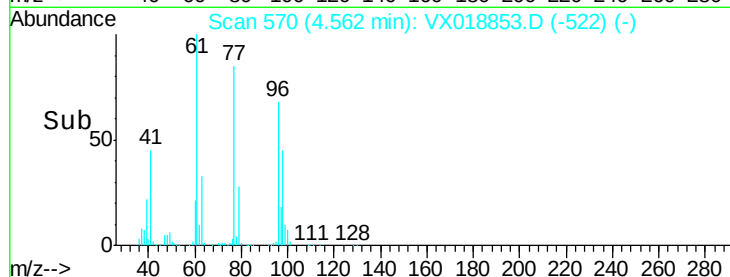
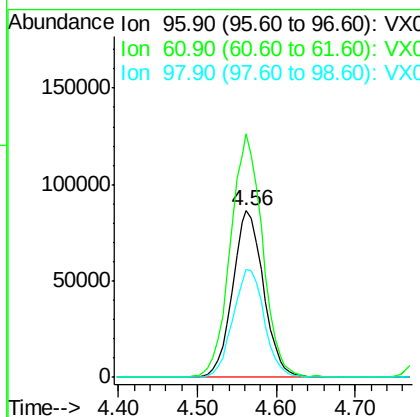
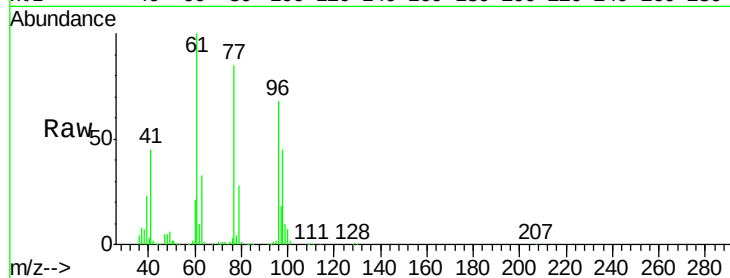
cis-1,2-Dichloroethene
Concen: 91.356 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX018853.D
Acq: 09 Oct 2020 12:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
96	100	235202		
61	151.6	0.0	306.8	
98	65.7	0.0	130.2	

Manual Integrations
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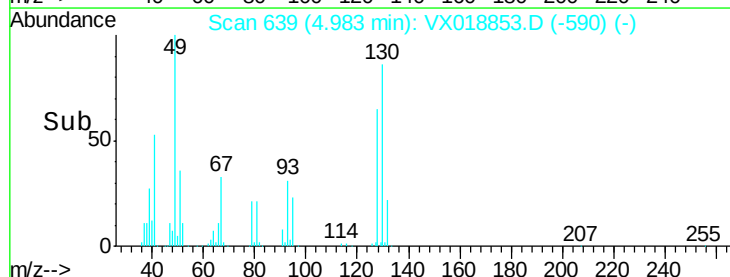
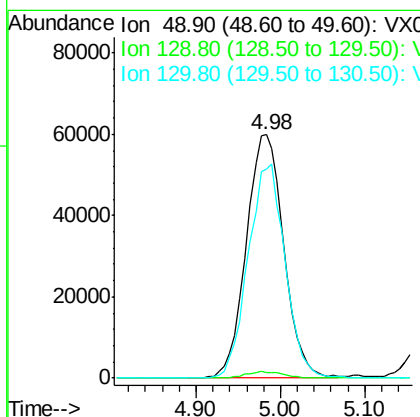
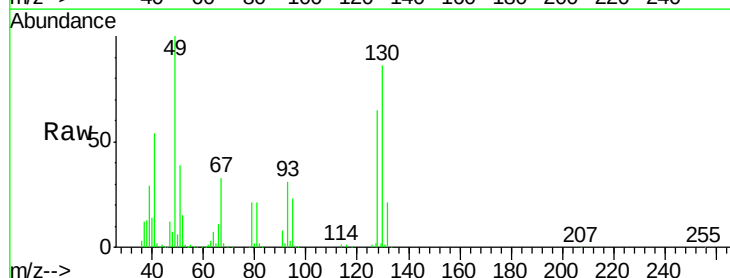
MMDadoda
10/12/2020 2:23:25 PM

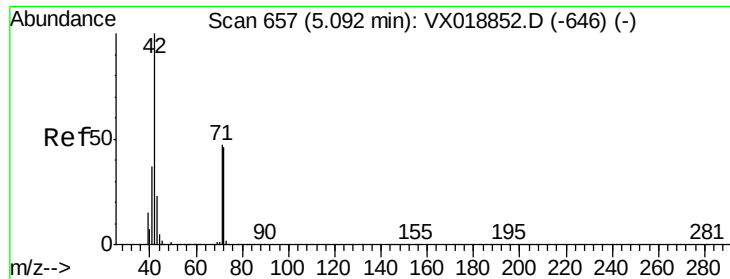


#28

Bromochloromethane
Concen: 94.016 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX018853.D
Acq: 09 Oct 2020 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	181253		
129	2.5	0.0	5.4	
130	87.0	71.2	106.8	





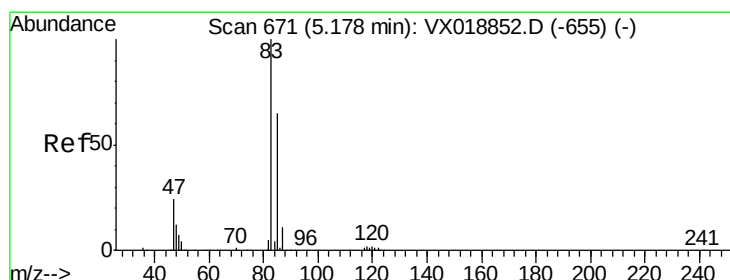
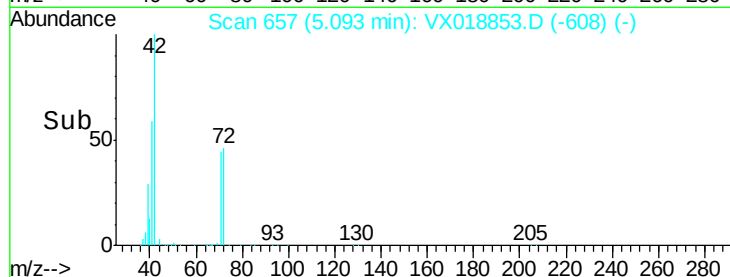
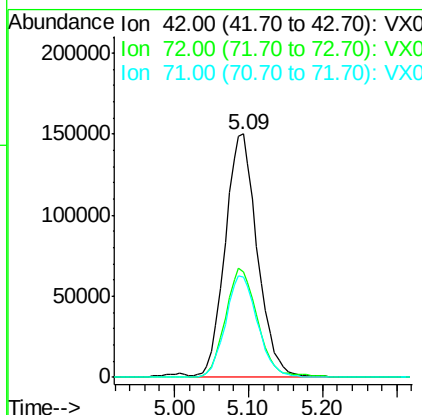
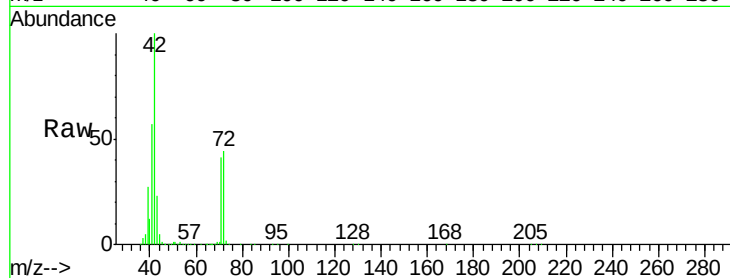
#29
Tetrahydrofuran
Concen: 428.450 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX018853.D
Acq: 09 Oct 2020 12:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:	42	Resp:	452225
Ion Ratio		Lower	Upper
42	100		
72	45.2	36.4	54.6
71	42.0	35.2	52.8

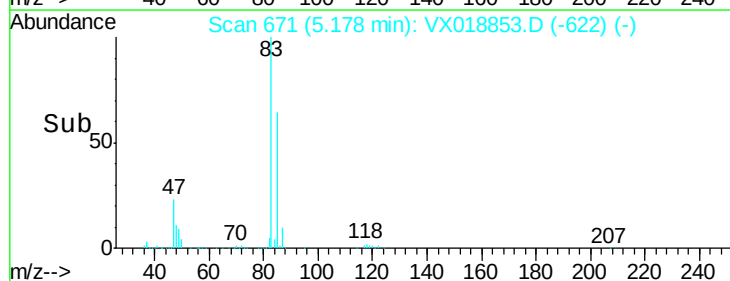
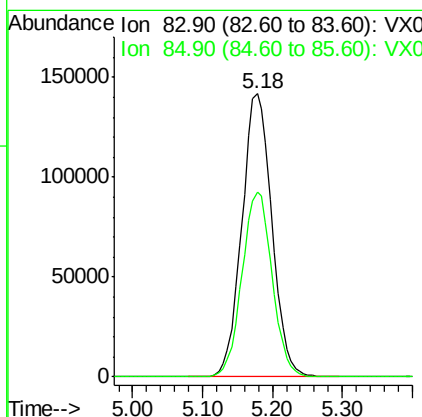
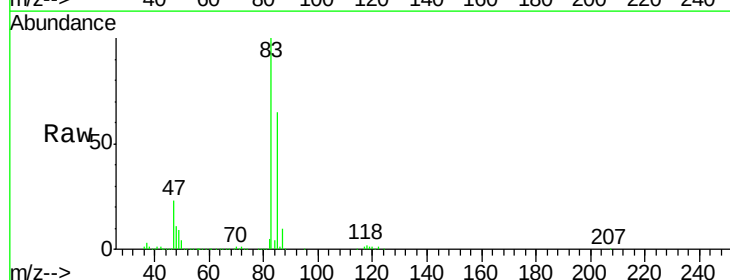
Manual Integrations
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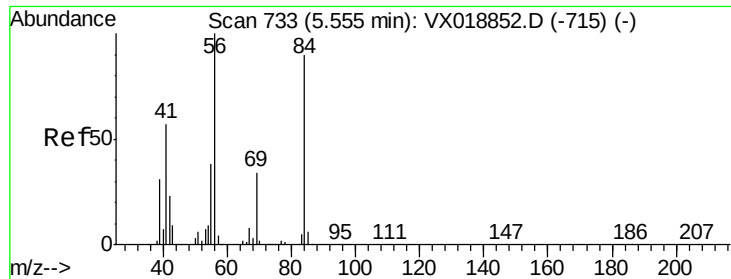
MMDadoda
10/12/2020 2:23:25 PM



#30
Chloroform
Concen: 98.758 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX018853.D
Acq: 09 Oct 2020 12:48

Tgt Ion:	83	Resp:	422750
Ion Ratio		Lower	Upper
83	100		
85	65.3	51.8	77.8





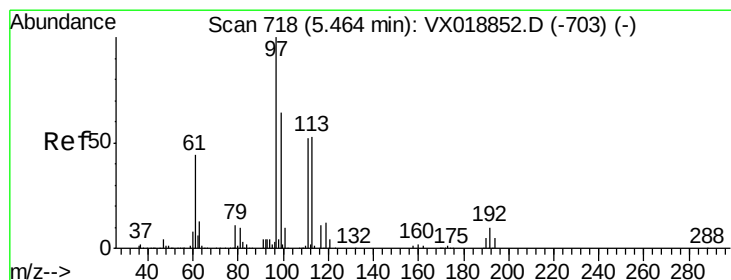
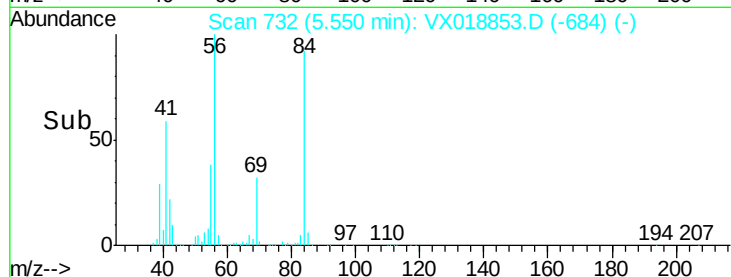
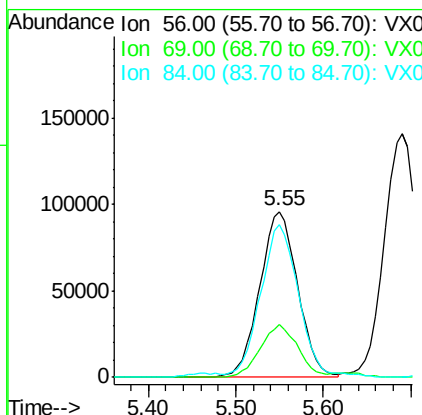
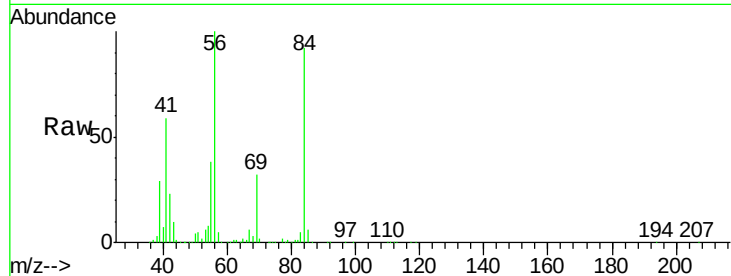
#31
Cyclohexane
Concen: 85.098 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX018853.D
Acq: 09 Oct 2020 12:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.2	27.1	40.7
84	90.4	71.7	107.5

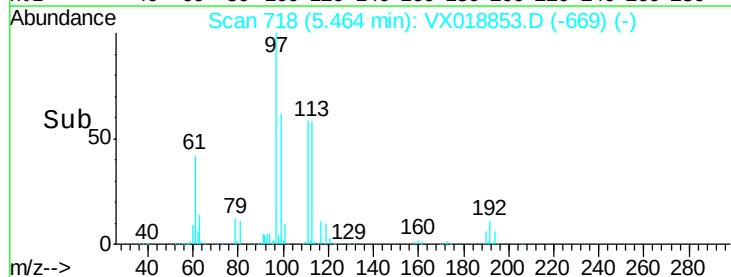
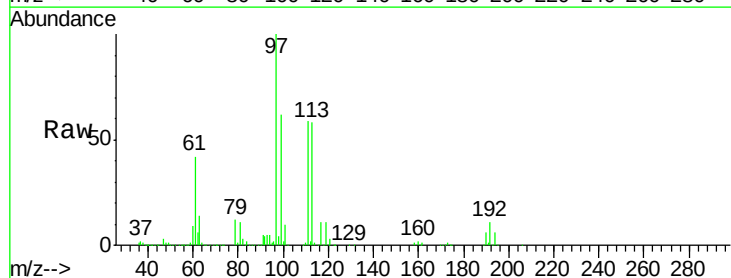
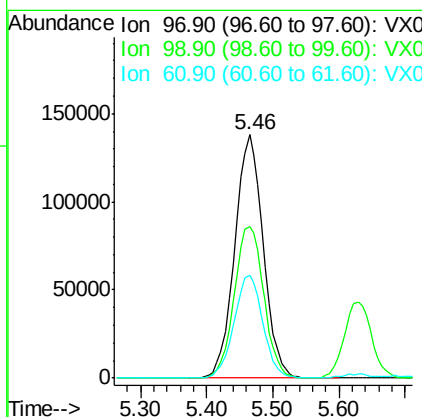
Manual Integrations
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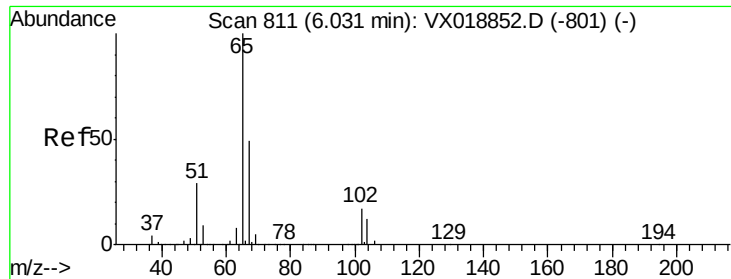
MMDadoda
10/12/2020 2:23:25 PM



#32
1,1,1-Trichloroethane
Concen: 102.272 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX018853.D
Acq: 09 Oct 2020 12:48

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.1	78.1
61	42.7	35.3	52.9





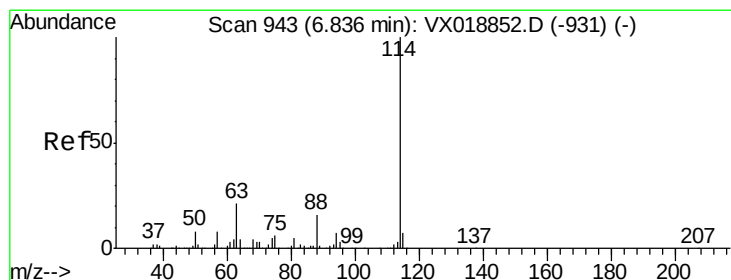
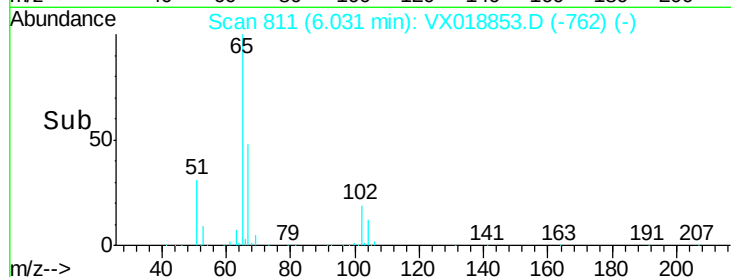
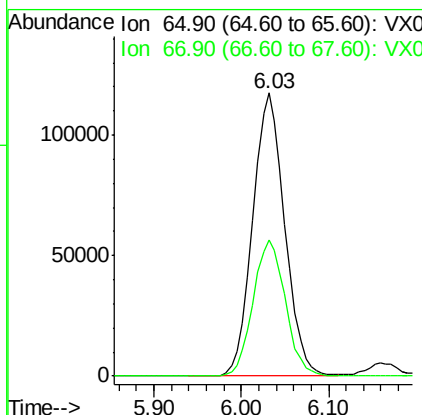
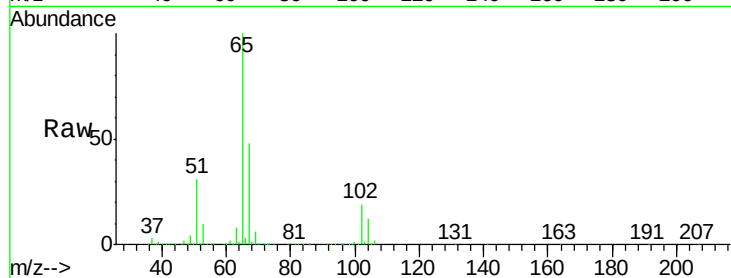
#33
 1,2-Dichloroethane-d4
 Concen: 101.312 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX018853.D
 Acq: 09 Oct 2020 12:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
65	100	298919		
67	48.7	0.0	97.0	

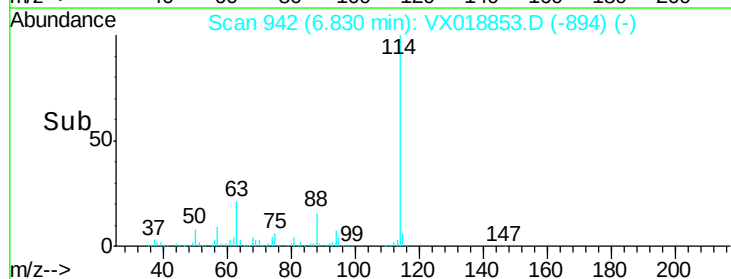
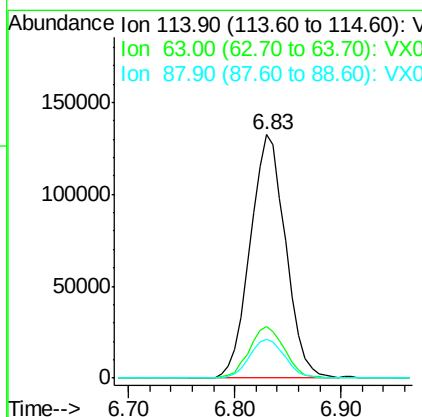
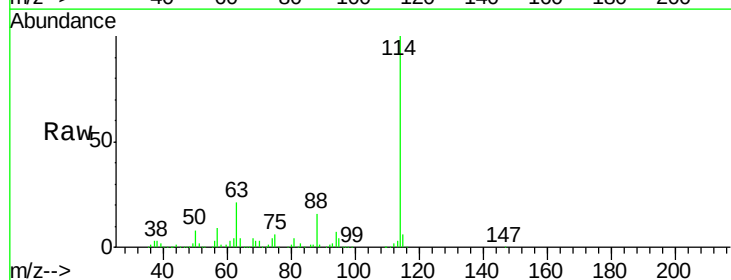
Manual Integrations
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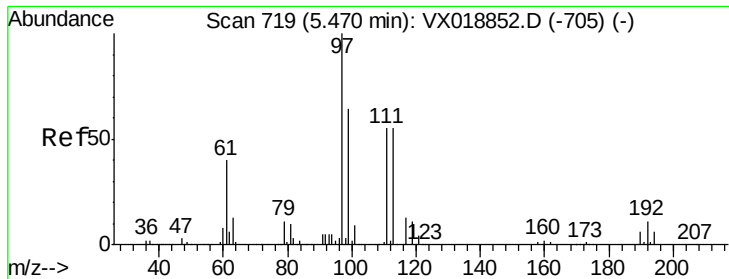
MMDadoda
 10/12/2020 2:23:25 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018853.D
 Acq: 09 Oct 2020 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	309107		
63	21.3	0.0	42.4	
88	15.8	0.0	32.6	





#35

Dibromofluoromethane

Concen: 100.875 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018853.D

Acq: 09 Oct 2020 12:48

Instrument :

MSVOA_X

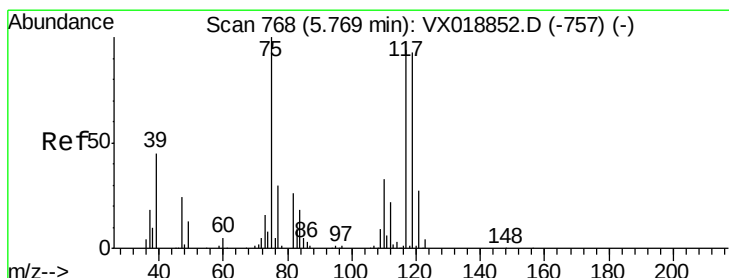
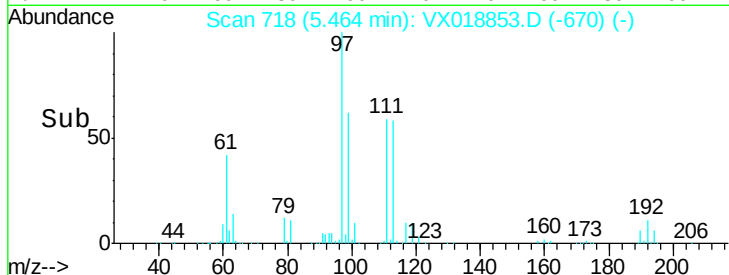
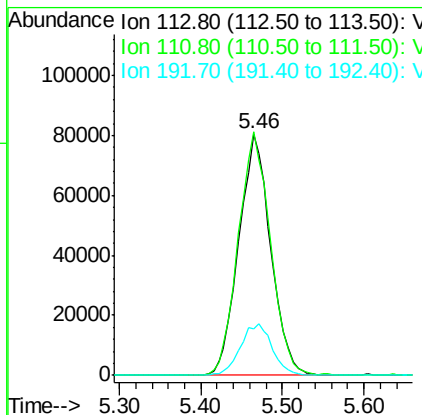
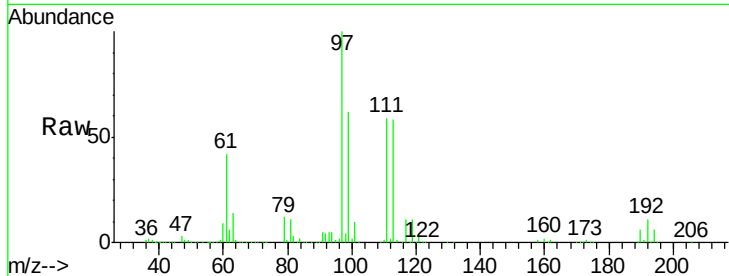
ClientSampleId :

VSTDIC100

Tot Ion:	113	Resp:	218064
Ion Ratio	Lower	Upper	
113	100		
111	102.1	80.1	120.1
192	21.4	16.0	24.0

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 102.558 ug/l

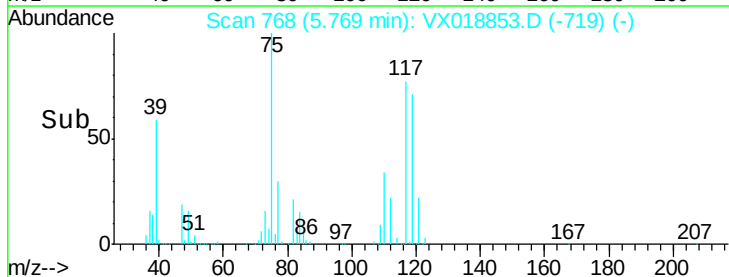
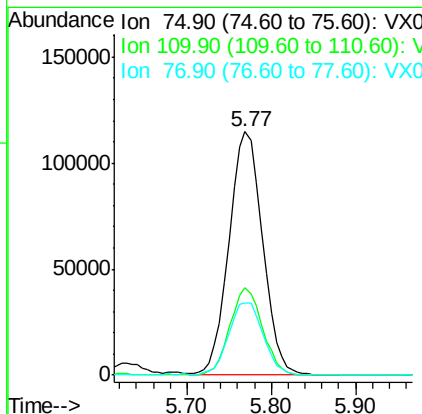
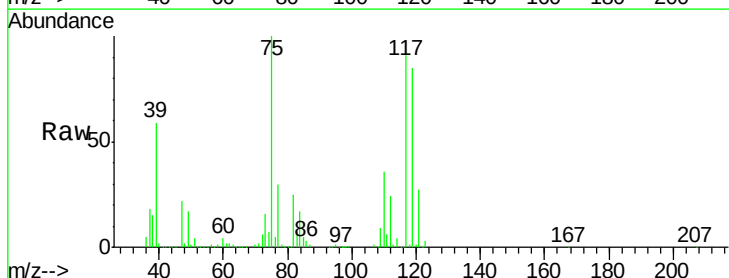
RT: 5.77 min Scan# 768

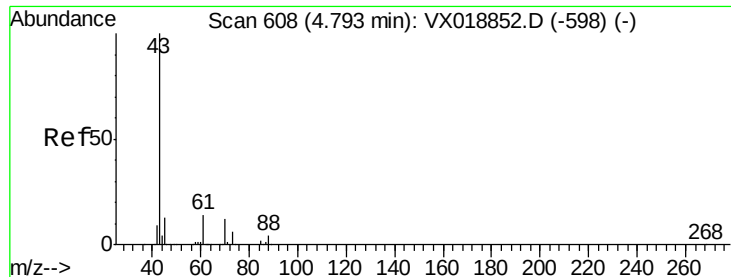
Delta R.T. 0.00 min

Lab File: VX018853.D

Acq: 09 Oct 2020 12:48

Tgt Ion:	75	Resp:	309094
Ion Ratio	Lower	Upper	
75	100		
110	34.9	17.8	53.5
77	30.8	24.2	36.4





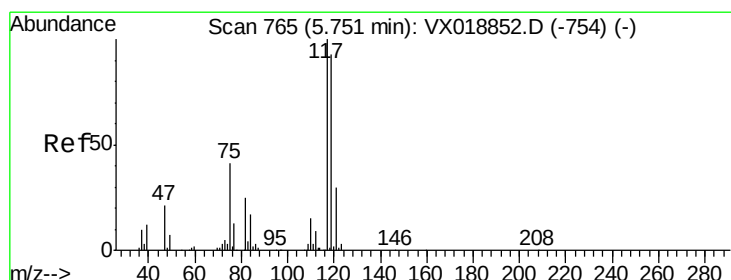
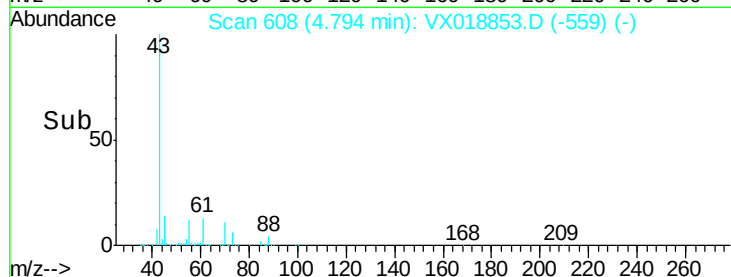
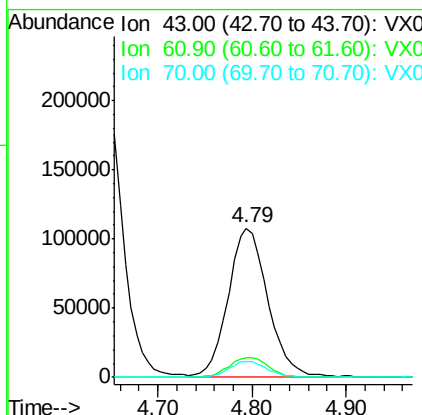
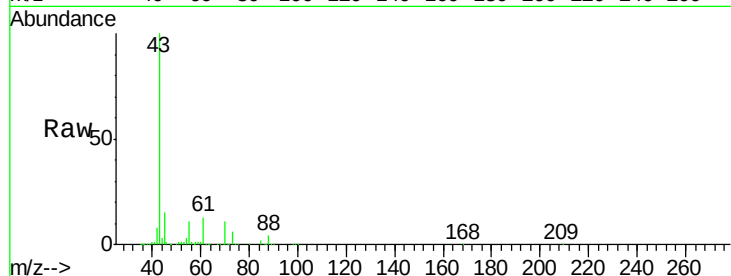
#37
Ethyl Acetate
Concen: 97.771 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018853.D
Acq: 09 Oct 2020 12:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:	43	Resp:	312109
Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.9	16.3
70	10.7	8.6	13.0

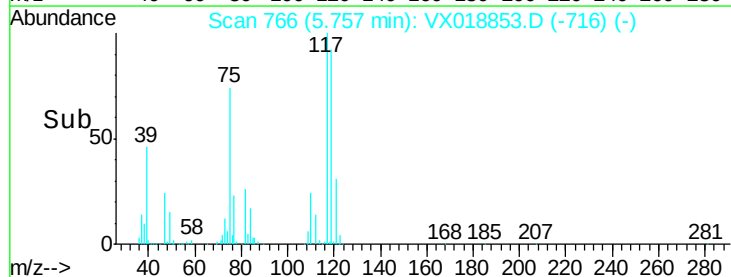
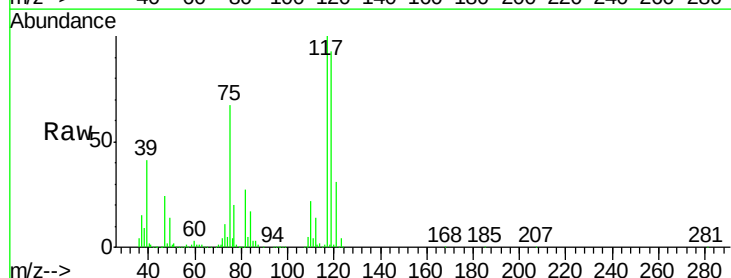
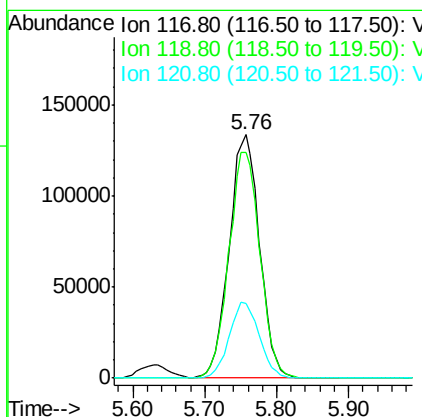
Manual Integrations
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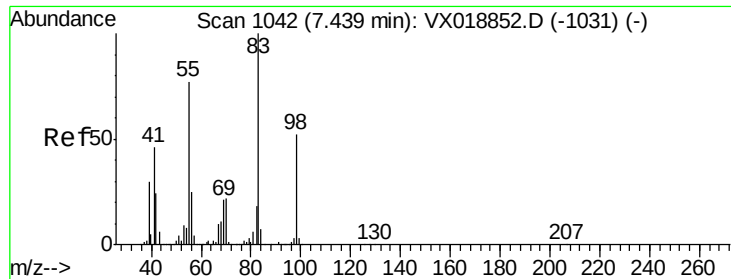
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#38
Carbon Tetrachloride
Concen: 114.341 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018853.D
Acq: 09 Oct 2020 12:48

Tgt Ion:	117	Resp:	390842
Ion	Ratio	Lower	Upper
117	100		
119	92.7	73.9	110.9
121	30.8	23.6	35.4





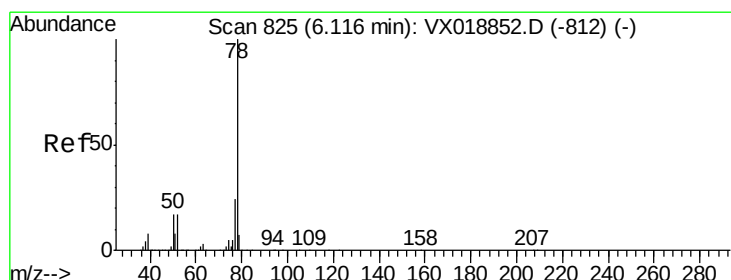
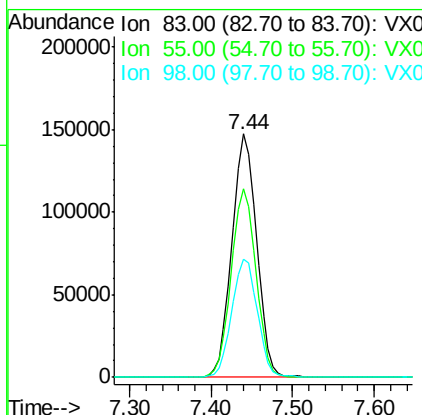
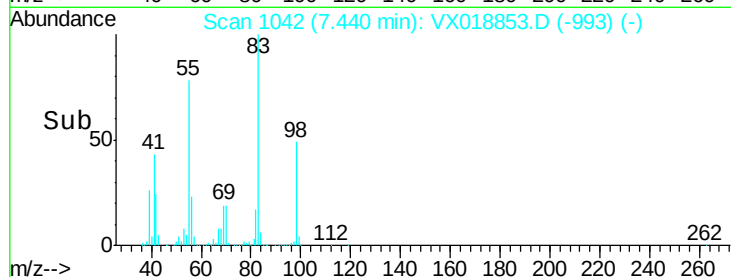
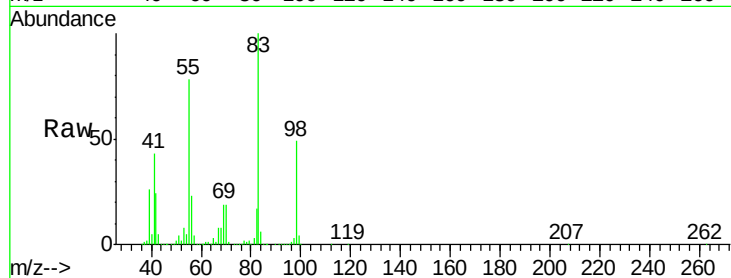
#39
Methylvlcyclohexane
Concen: 93.609 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018853.D
Acq: 09 Oct 2020 12:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
83	100	308883		
55	77.6		61.8	92.6
98	48.6		41.4	62.0

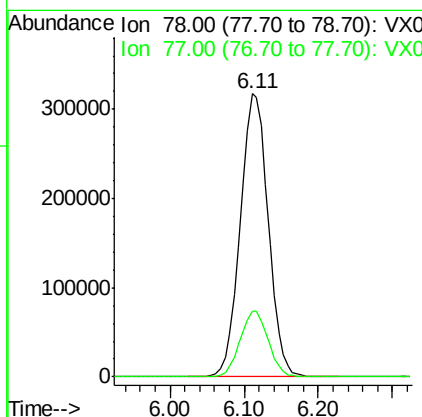
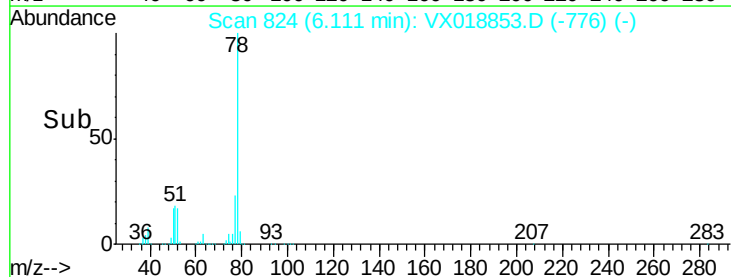
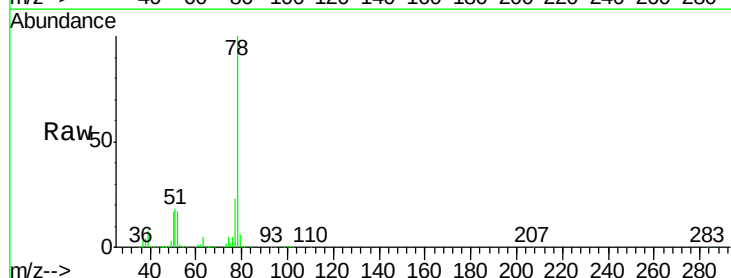
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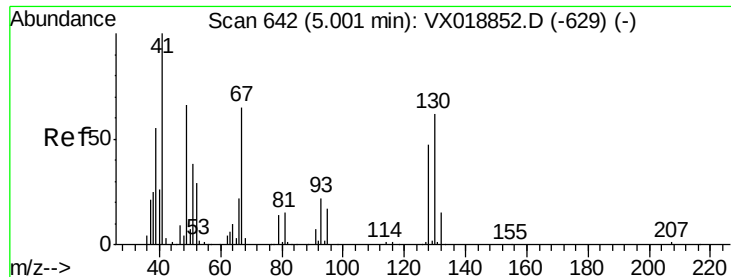
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#40
Benzene
Concen: 97.541 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX018853.D
Acq: 09 Oct 2020 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	837654		
77	23.4		19.1	28.7





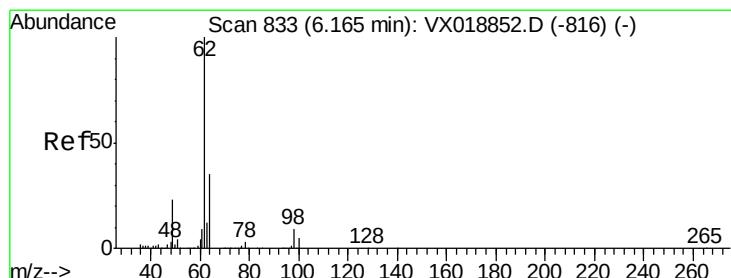
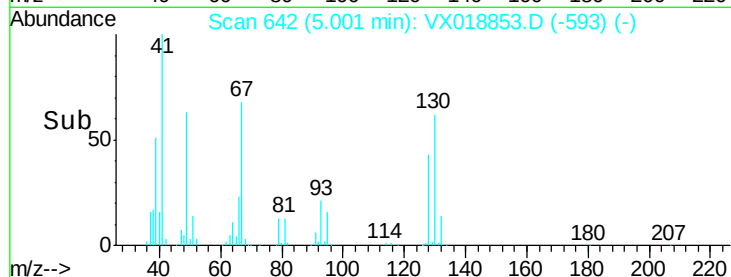
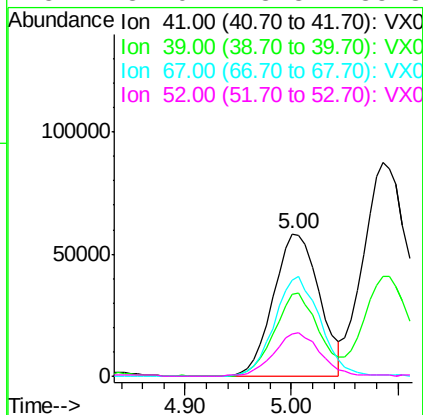
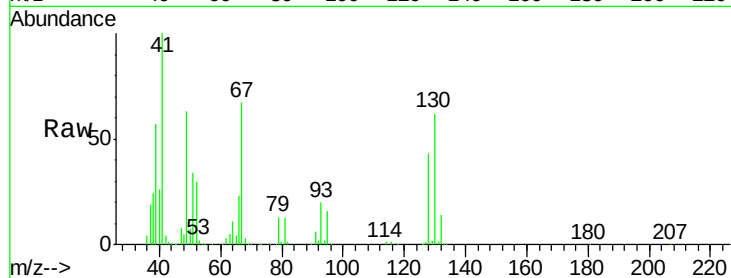
#41
Methacrylonitrile
Concen: 97.947 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX018853.D
Acq: 09 Oct 2020 12:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.3	45.4	68.2	
67	69.8	55.4	83.2	
52	31.0	23.8	35.8	

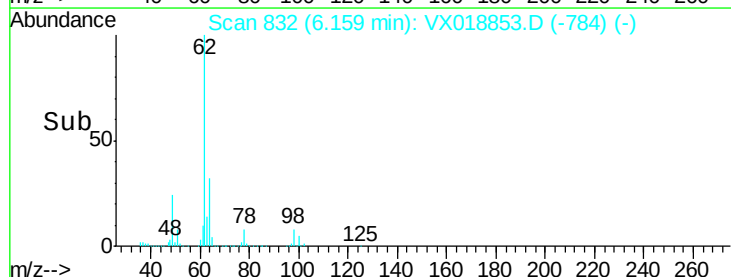
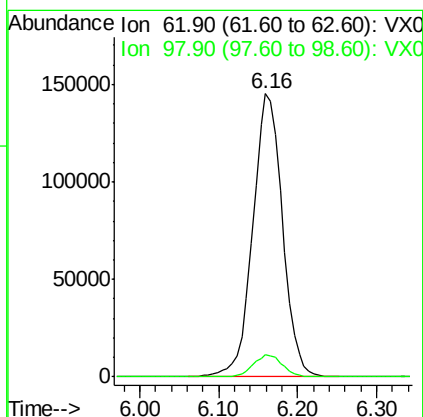
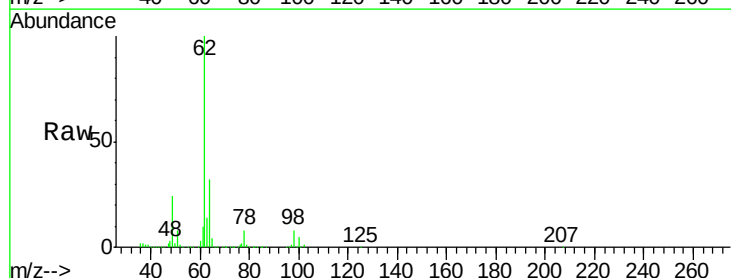
Manual Integrations
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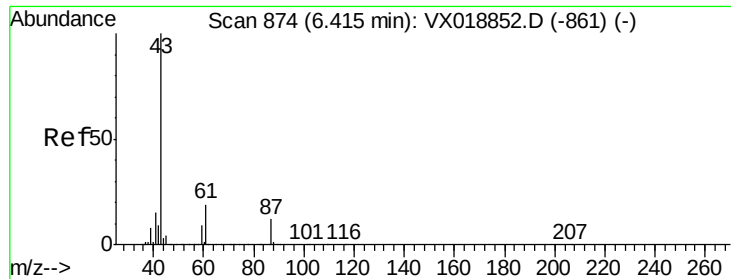
MMDadoda
10/12/2020 2:23:25 PM



#42
1,2-Dichloroethane
Concen: 110.760 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018853.D
Acq: 09 Oct 2020 12:48

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	7.8	0.0	16.4	





#43

Isopropyl Acetate

Concen: 98.643 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX018853.D

Acq: 09 Oct 2020 12:48

Instrument :

MSVOA_X

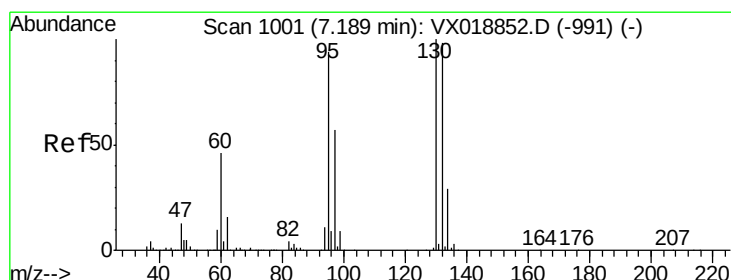
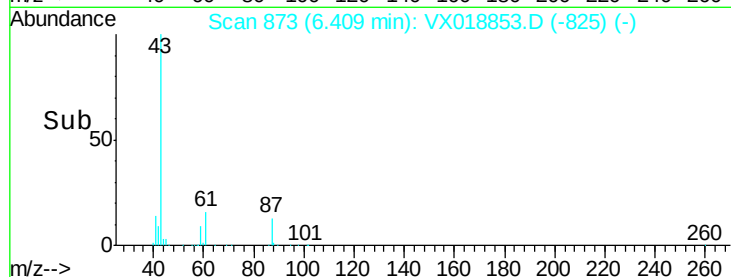
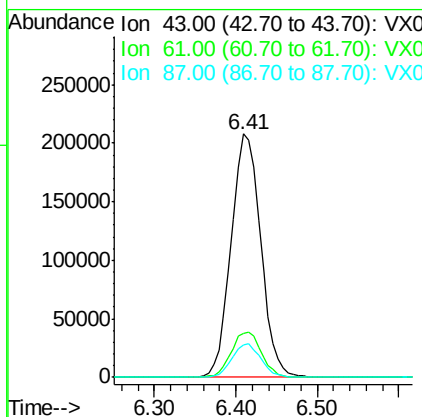
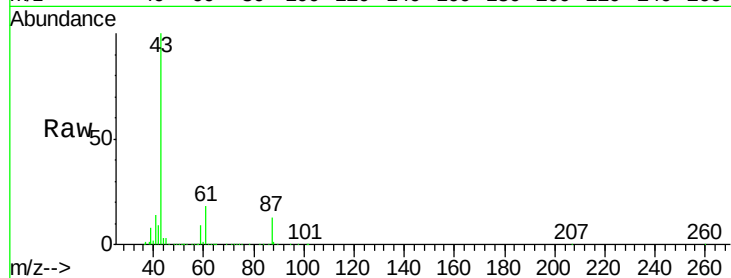
ClientSampleId :

VSTDICC100

Tot Ion:	43	Resp:	520514
Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.5	23.3
87	13.5	10.8	16.2

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#44

Trichloroethene

Concen: 99.022 ug/l

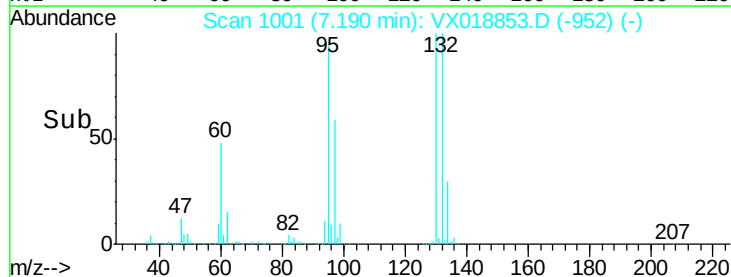
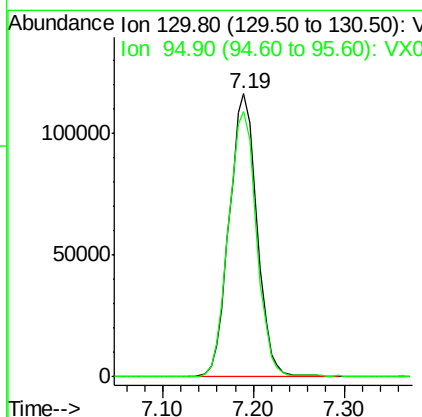
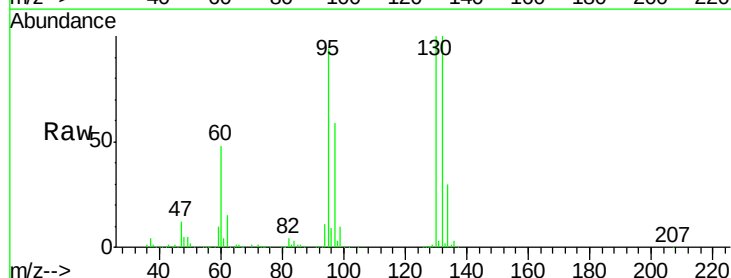
RT: 7.19 min Scan# 1001

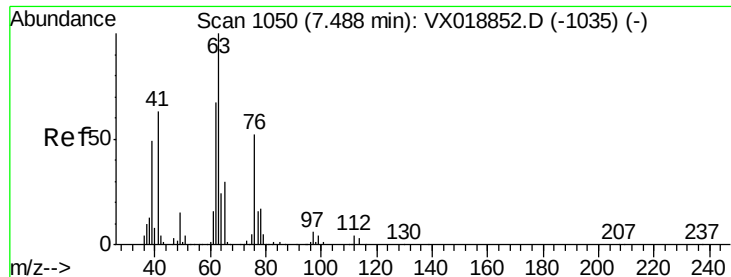
Delta R.T. 0.00 min

Lab File: VX018853.D

Acq: 09 Oct 2020 12:48

Tgt Ion:	130	Resp:	246903
Ion	Ratio	Lower	Upper
130	100		
95	93.7	0.0	188.4





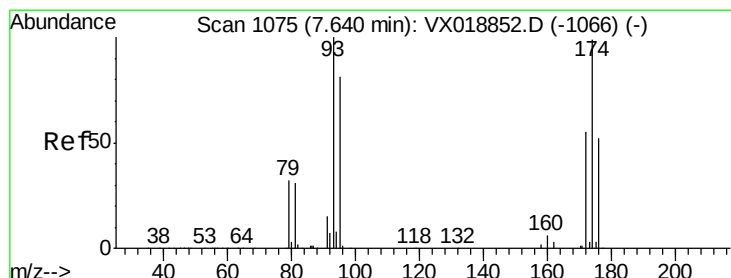
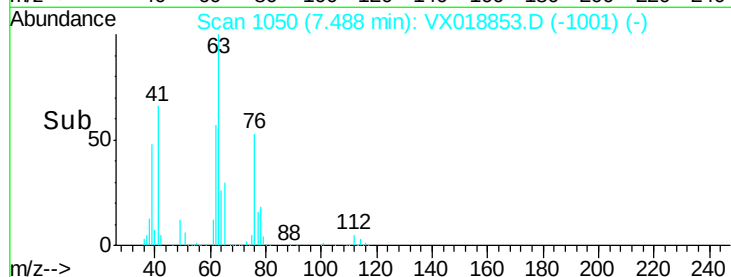
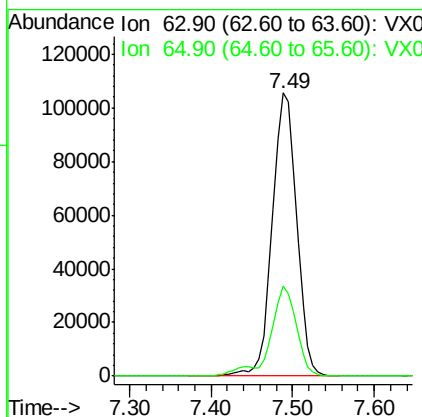
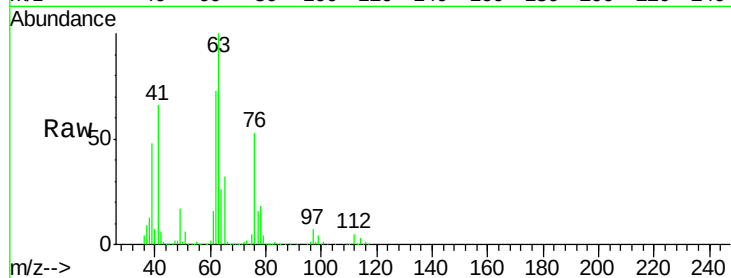
#45
 1,2-Dichloropropane
 Concen: 93.037 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX018853.D
 Acq: 09 Oct 2020 12:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion: 63 Resp: 218340
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.2 36.4

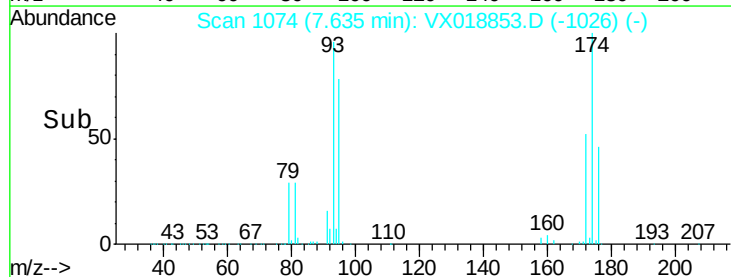
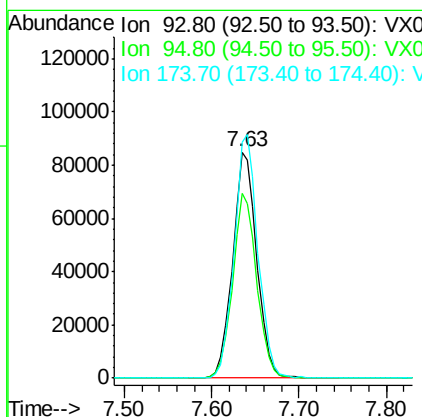
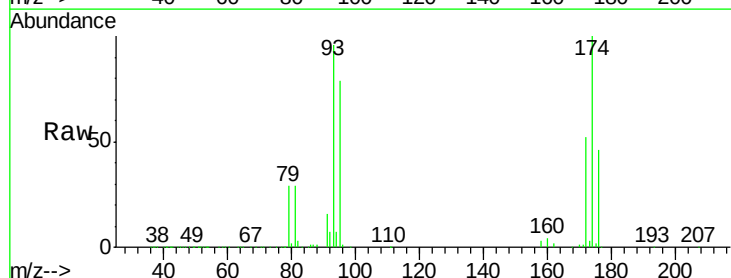
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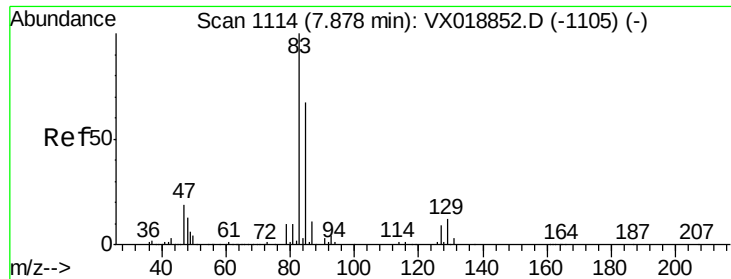
MMDadoda
 10/12/2020 2:23:25 PM



#46
 Dibromomethane
 Concen: 100.115 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX018853.D
 Acq: 09 Oct 2020 12:48

Tgt Ion: 93 Resp: 162751
 Ion Ratio Lower Upper
 93 100
 95 81.8 66.1 99.1
 174 106.4 84.6 127.0





#47

Bromodichloromethane

Concen: 106.474 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018853.D

Acq: 09 Oct 2020 12:48

Instrument :

MSVOA_X

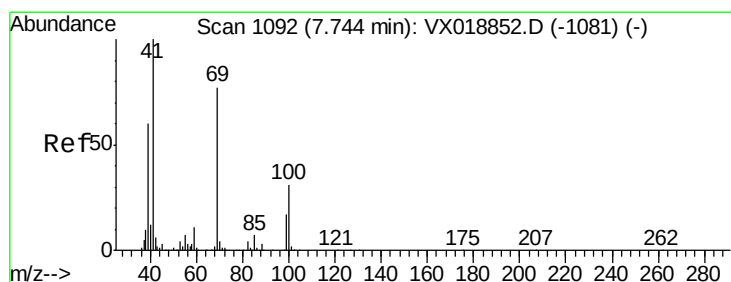
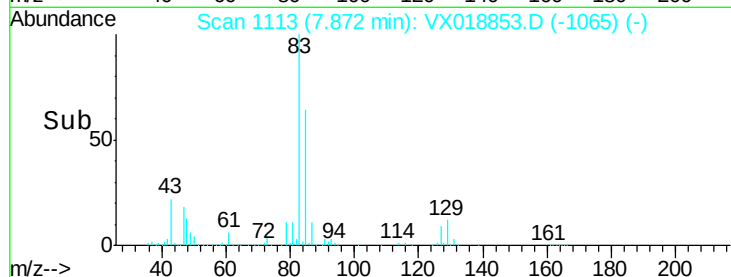
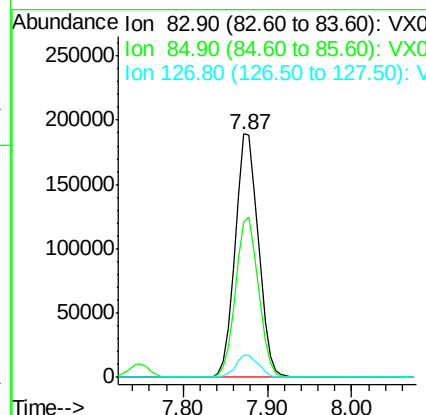
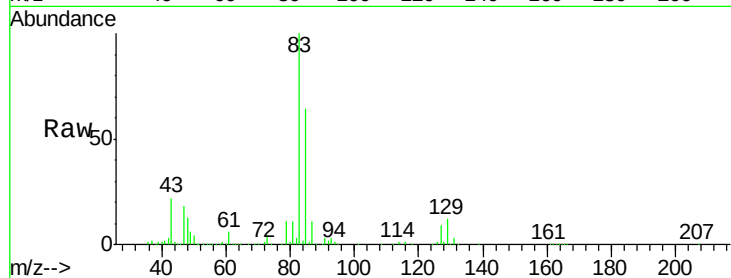
ClientSampleId :

VSTDICC100

Tot Ion:	83	Resp:	353516
Ion Ratio	Lower	Upper	
83	100		
85	63.9	53.8	80.6
127	8.9	7.5	11.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 102.546 ug/l

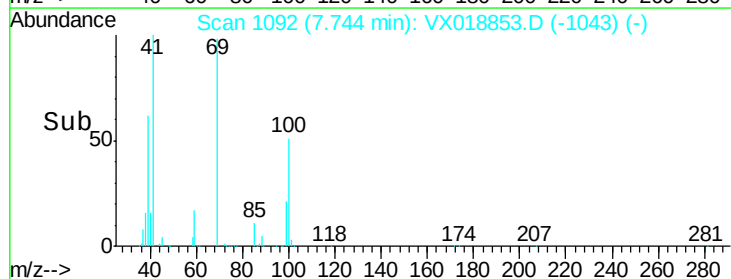
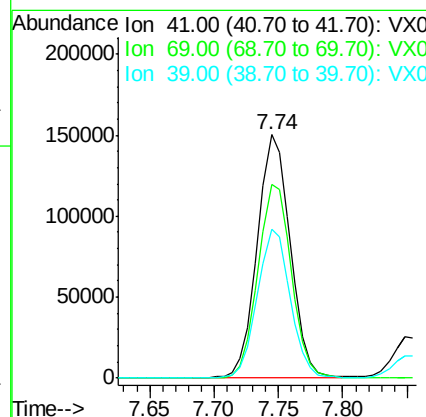
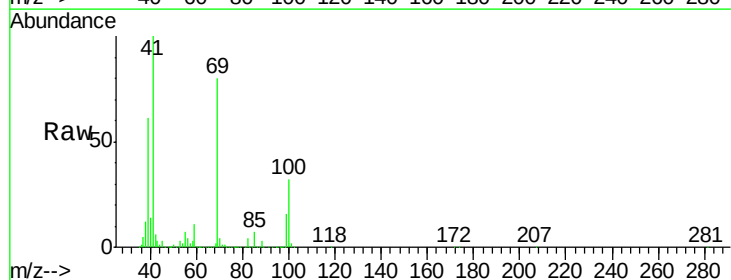
RT: 7.74 min Scan# 1092

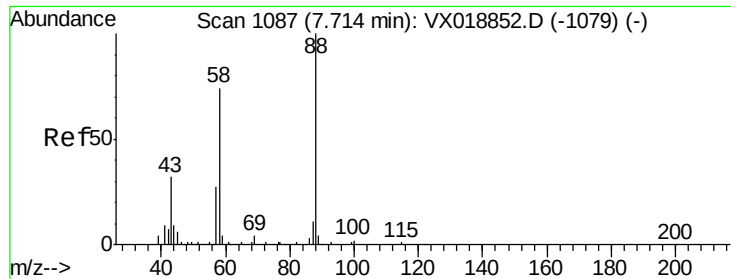
Delta R.T. 0.00 min

Lab File: VX018853.D

Acq: 09 Oct 2020 12:48

Tgt Ion:	41	Resp:	265269
Ion Ratio	Lower	Upper	
41	100		
69	81.4	64.6	97.0
39	60.9	48.6	73.0





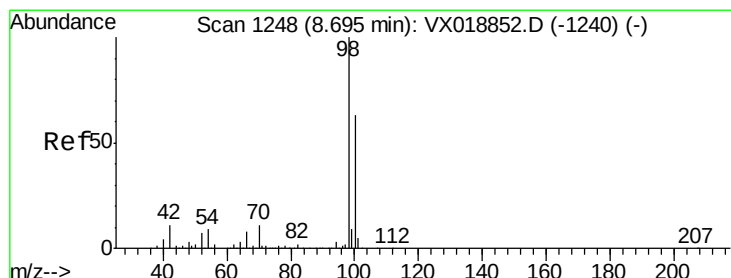
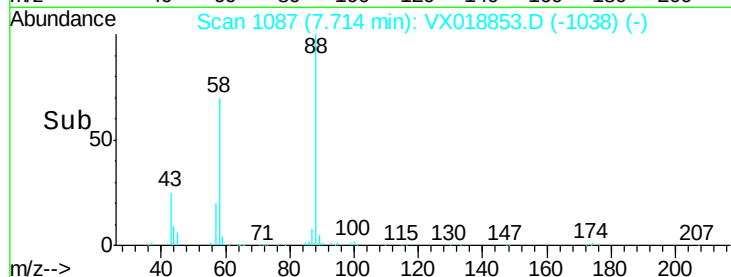
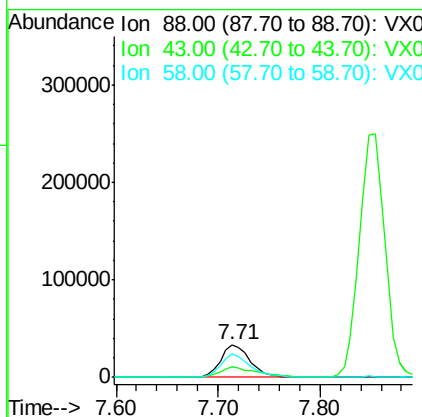
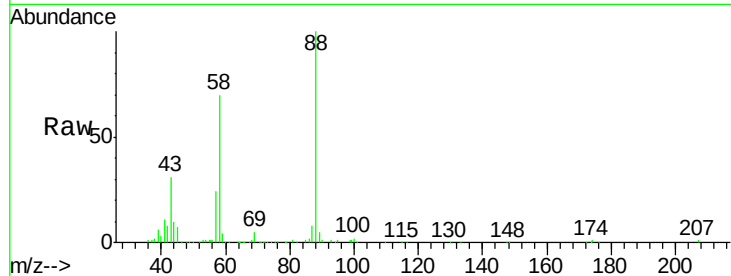
#49
1,4-Dioxane
Concen: 1615.281 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX018853.D
Acq: 09 Oct 2020 12:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	88	Resp	67483
Ion	Ratio	Lower	Upper
88	100		
43	38.9	31.0	46.6
58	72.7	59.3	88.9

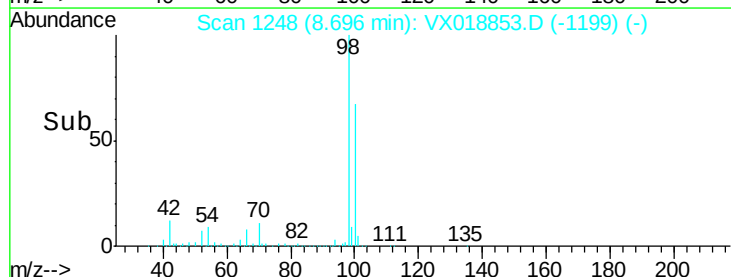
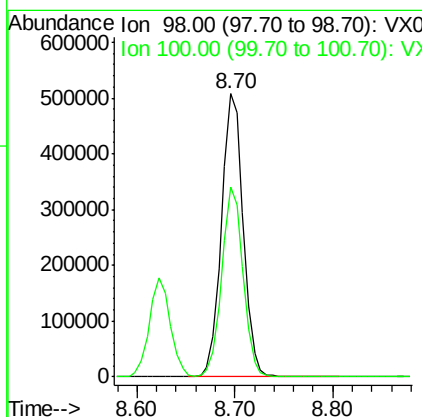
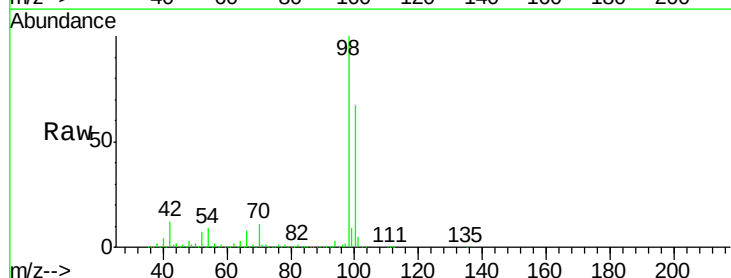
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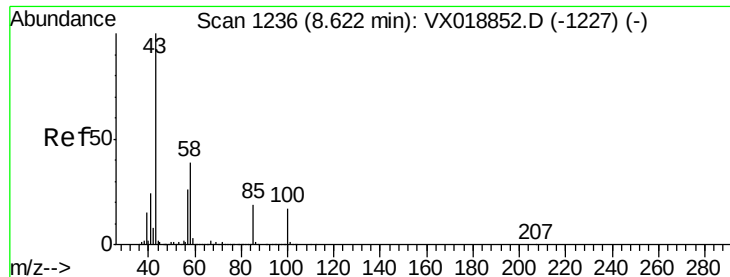
MMDadoda
10/12/2020 2:23:25 PM



#50
Toluene-d8
Concen: 100.452 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018853.D
Acq: 09 Oct 2020 12:48

Tgt Ion	98	Resp	781547
Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.1	79.7





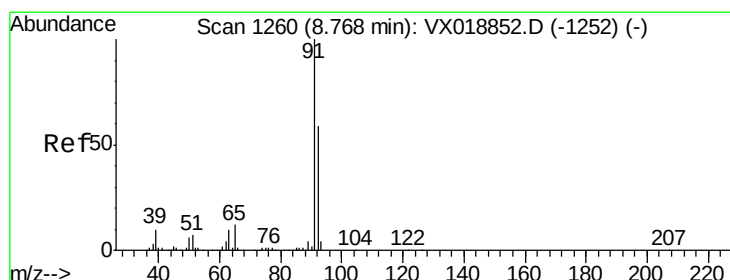
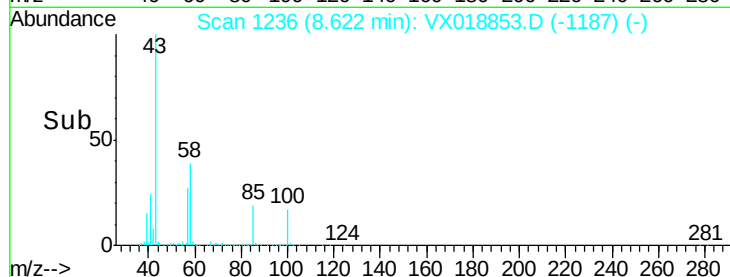
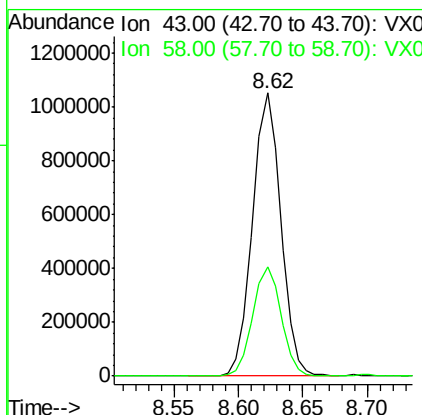
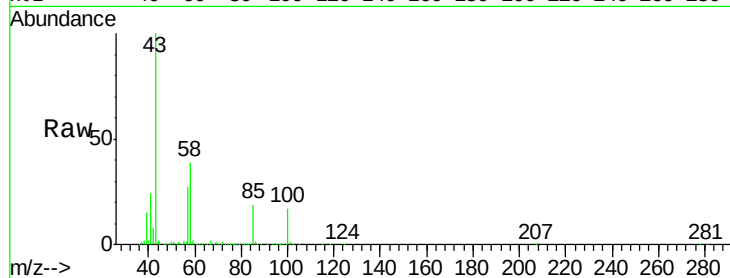
#51
 4-Methyl-2-Pentanone
 Concen: 505.577 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX018853.D
 Acq: 09 Oct 2020 12:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion: 43 Resp: 1595592
 Ion Ratio Lower Upper
 43 100
 58 38.8 30.9 46.3

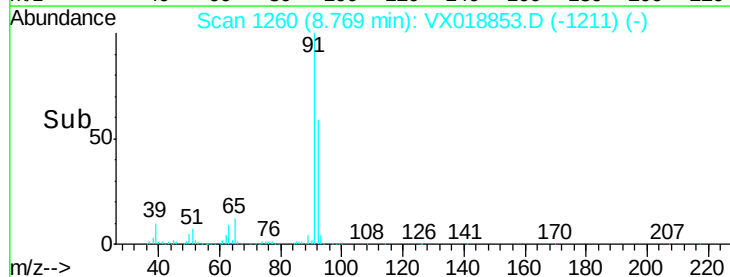
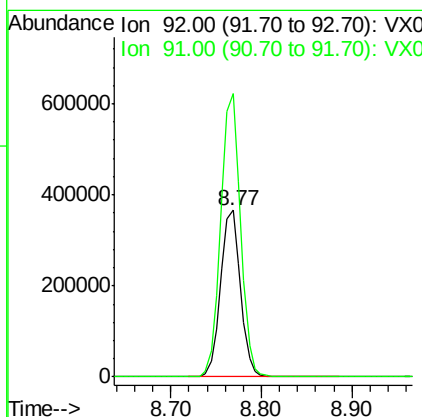
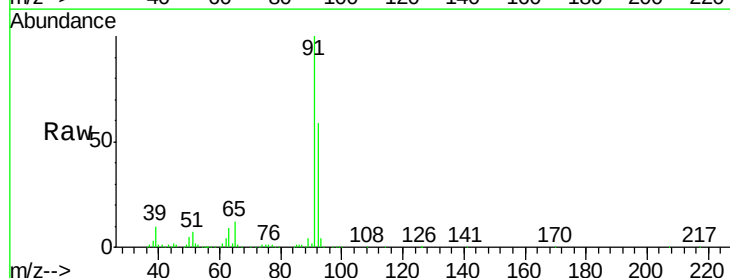
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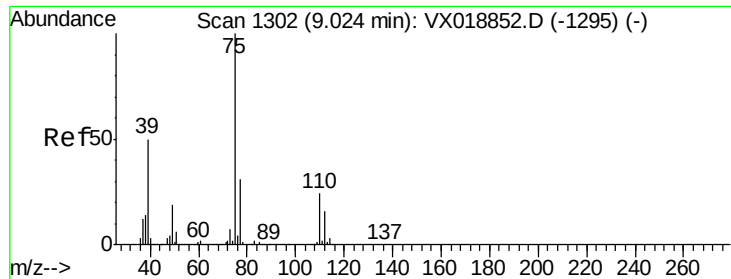
MMDadoda
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#52
 Toluene
 Concen: 102.566 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: VX018853.D
 Acq: 09 Oct 2020 12:48

Tgt Ion: 92 Resp: 558738
 Ion Ratio Lower Upper
 92 100
 91 169.6 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 104.506 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX018853.D

Acq: 09 Oct 2020 12:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 75 Resp: 390968

Ion Ratio Lower Upper

75 100

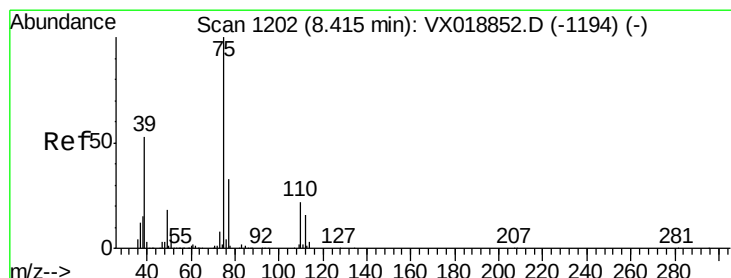
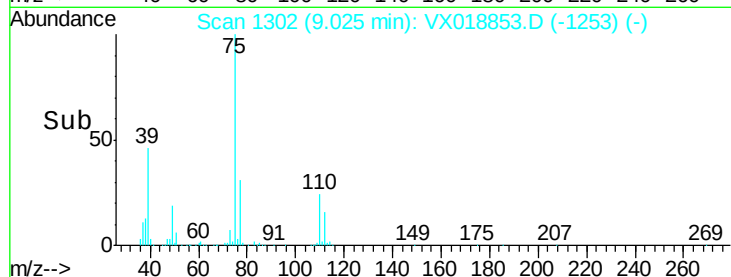
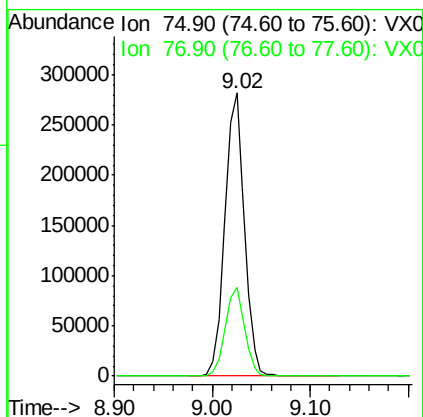
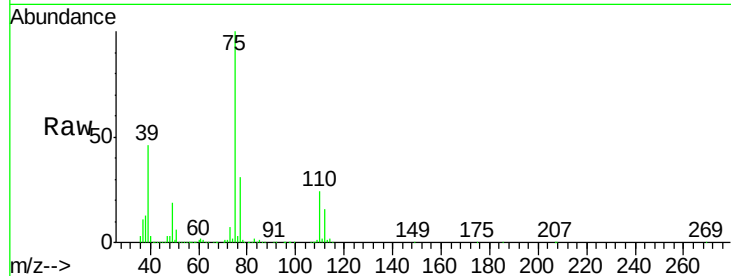
77 31.4 25.1 37.7

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 102.792 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018853.D

Acq: 09 Oct 2020 12:48

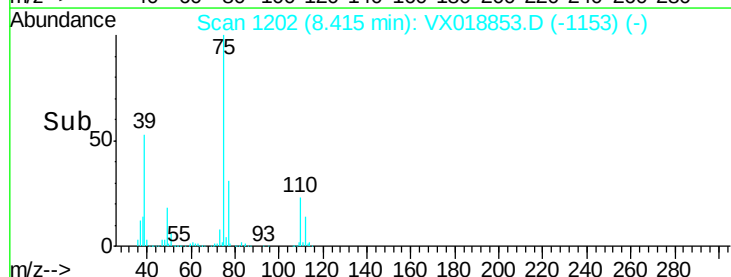
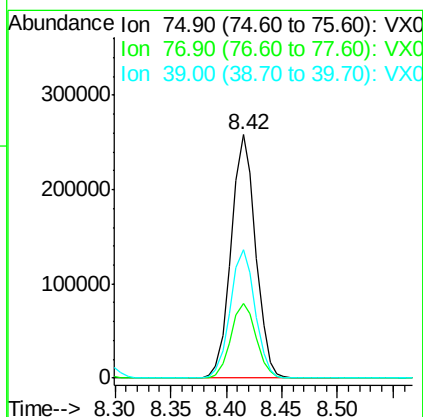
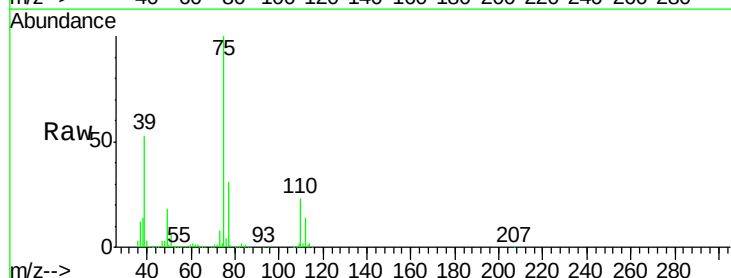
Tgt Ion: 75 Resp: 393106

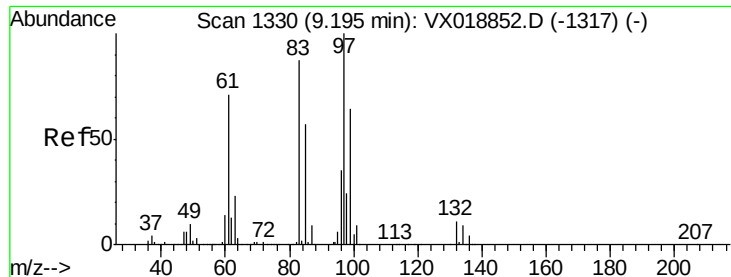
Ion Ratio Lower Upper

75 100

77 30.5 26.6 39.8

39 52.8 42.6 64.0





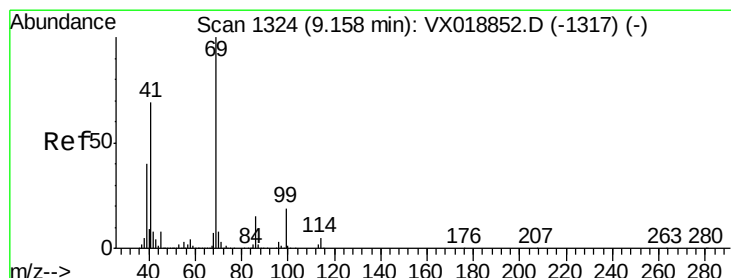
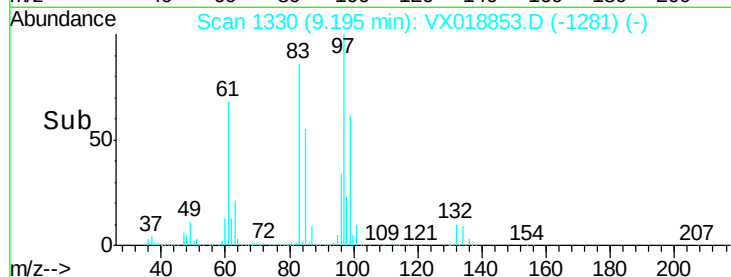
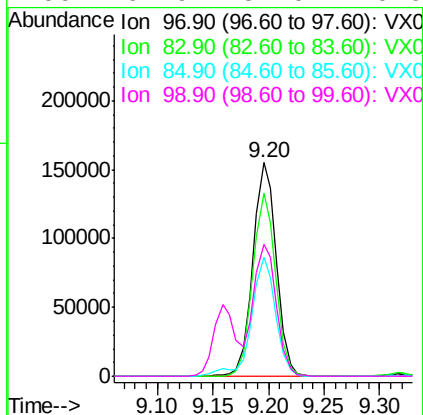
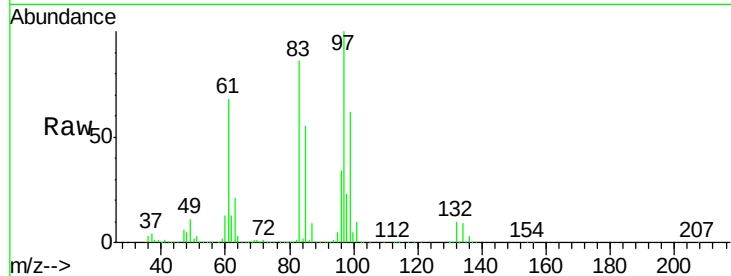
#55
 1,1,2-Trichloroethane
 Concen: 101.120 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018853.D
 Acq: 09 Oct 2020 12:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		228216		
83	85.6	69.3	103.9		
85	55.4	45.3	67.9		
99	61.9	51.0	76.6		

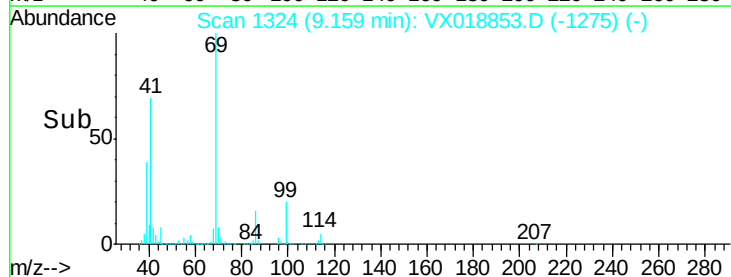
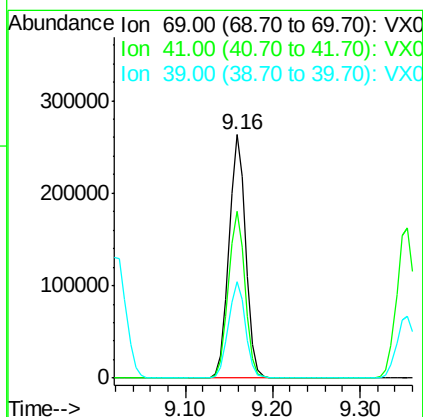
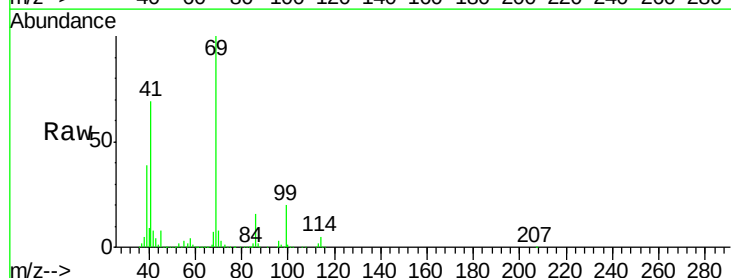
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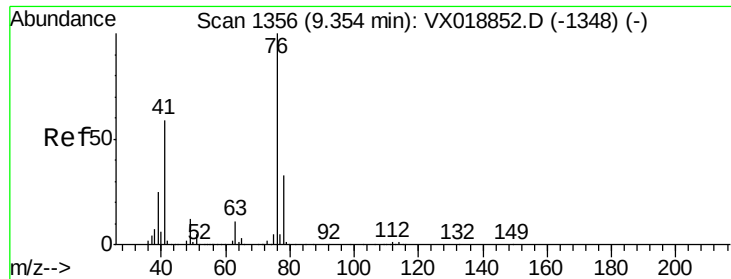
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#56
 Ethyl methacrylate
 Concen: 105.828 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX018853.D
 Acq: 09 Oct 2020 12:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		350149		
41	68.4	54.6	81.8		
39	40.3	31.5	47.3		





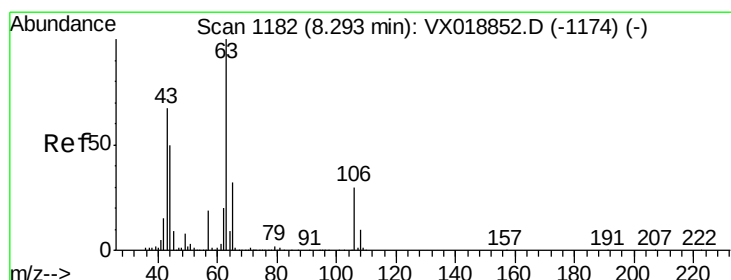
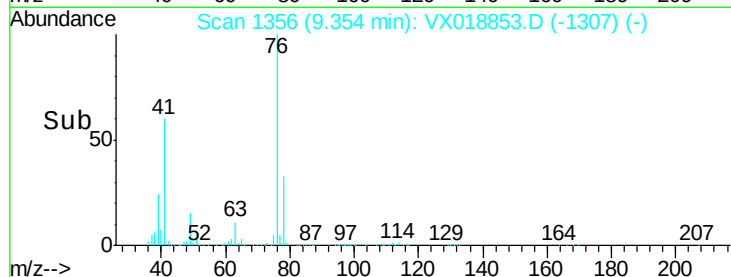
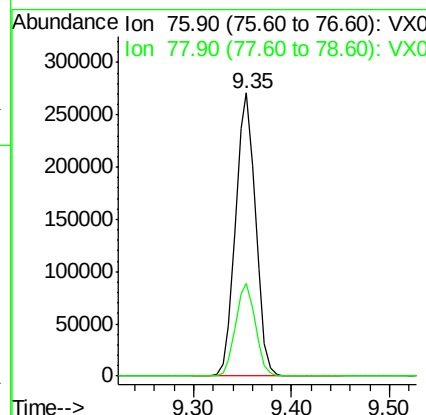
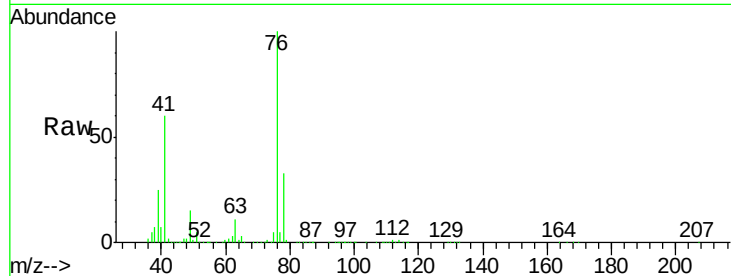
#57
 1,3-Dichloropropane
 Concen: 101.480 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX018853.D
 Acq: 09 Oct 2020 12:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion: 76 Resp: 384910
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.2 39.2

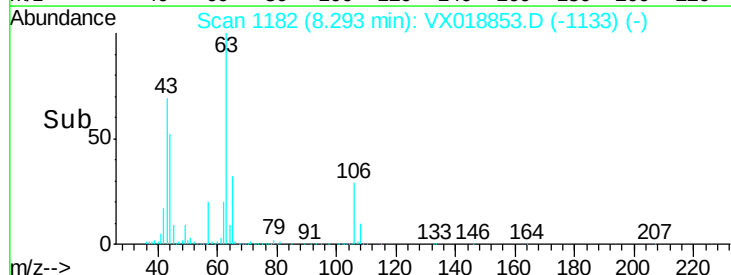
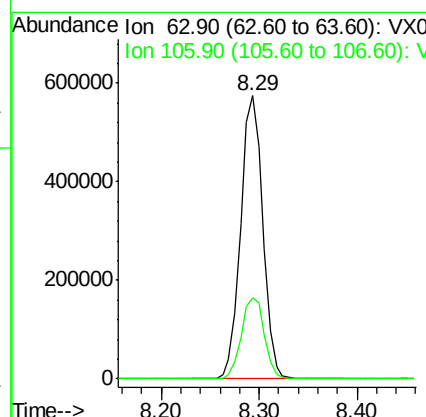
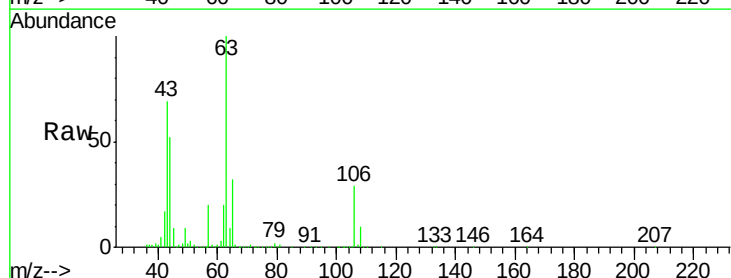
Manual Integrations
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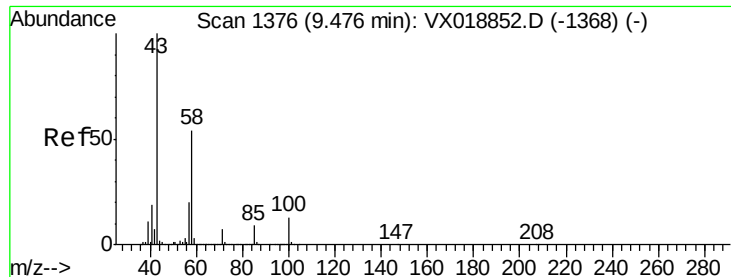
MMDadoda
 10/12/2020 2:23:25 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 509.093 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX018853.D
 Acq: 09 Oct 2020 12:48

Tgt Ion: 63 Resp: 900183
 Ion Ratio Lower Upper
 63 100
 106 29.9 24.2 36.4





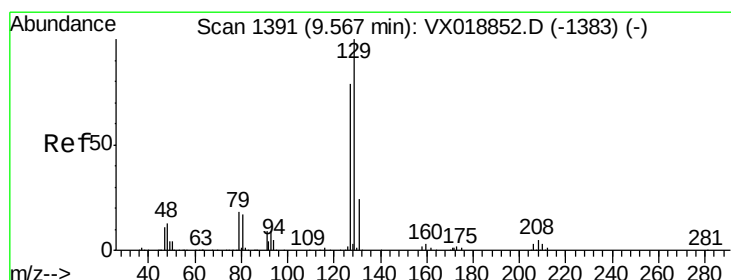
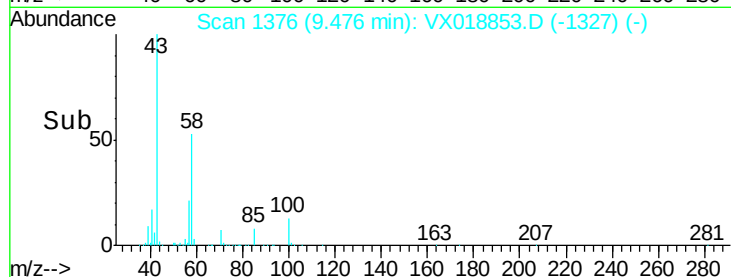
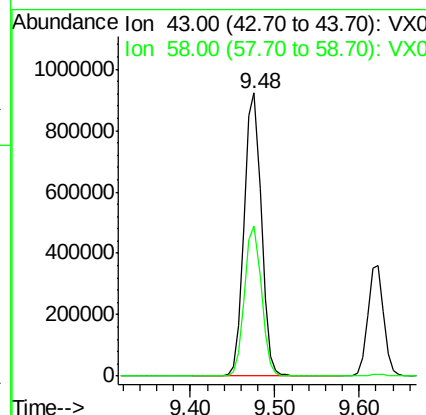
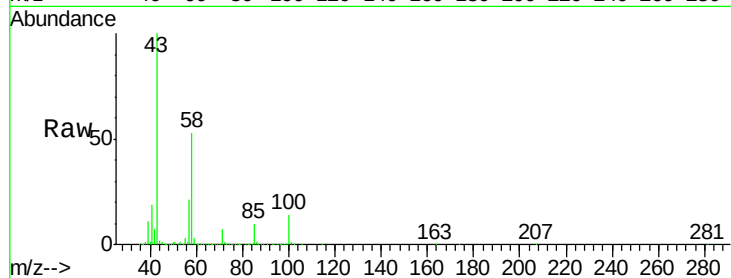
#59
2-Hexanone
Concen: 519.894 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX018853.D
Acq: 09 Oct 2020 12:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 1247777
Ion Ratio Lower Upper
43 100
58 52.5 26.7 80.1

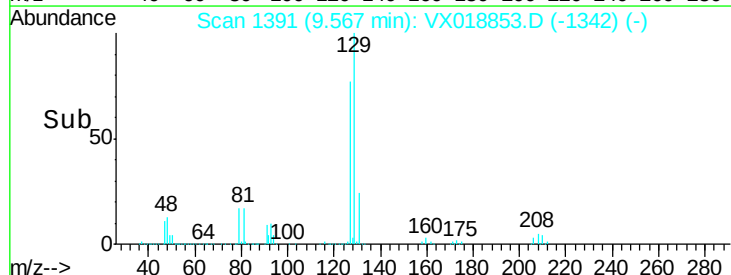
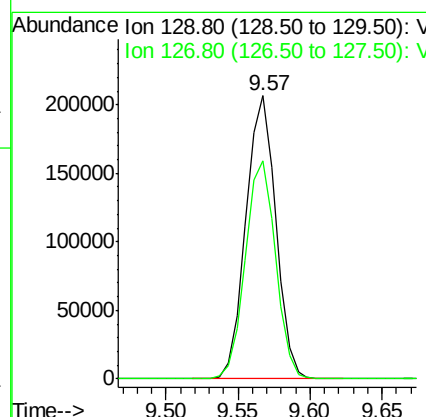
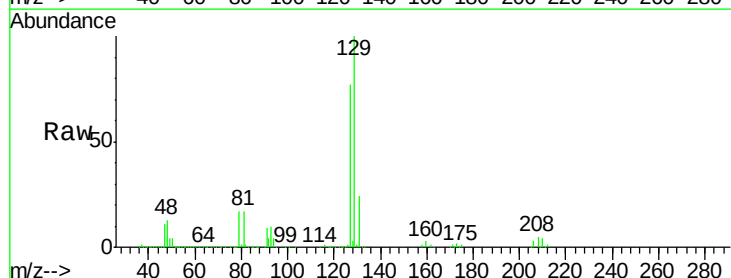
Manual Integrations
APPROVED

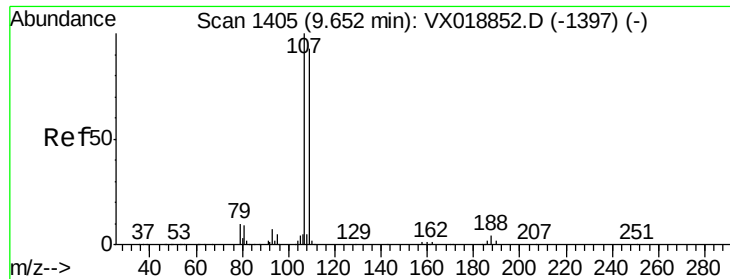
MMDadoda
10/12/2020 2:23:25 PM



#60
Dibromochloromethane
Concen: 109.723 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018853.D
Acq: 09 Oct 2020 12:48

Tgt Ion: 129 Resp: 297738
Ion Ratio Lower Upper
129 100
127 77.8 39.5 118.5





#61

1,2-Dibromoethane

Concen: 105.502 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018853.D

Acq: 09 Oct 2020 12:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 107 Resp: 253870

Ion Ratio Lower Upper

107 100

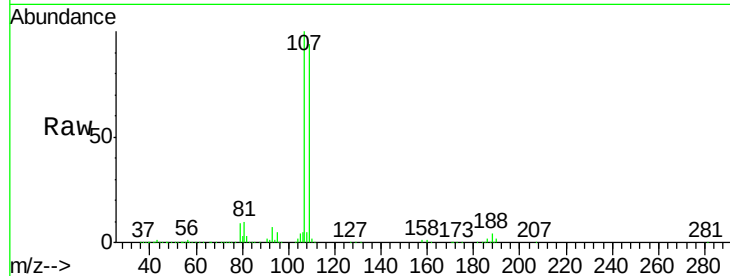
109 94.6 75.2 112.8

Manual Integrations

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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

200000

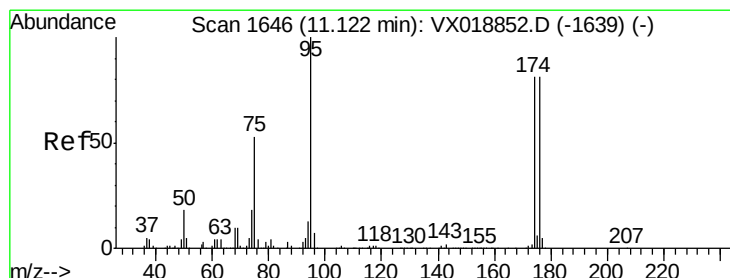
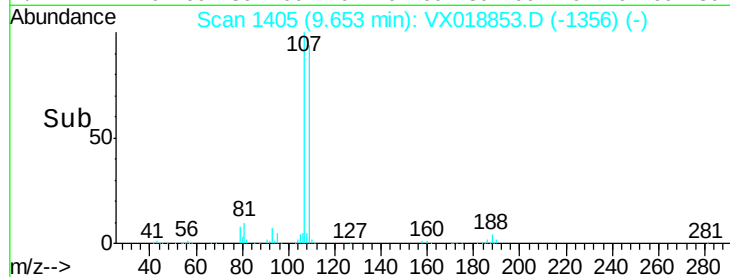
150000

100000

50000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 105.559 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018853.D

Acq: 09 Oct 2020 12:48

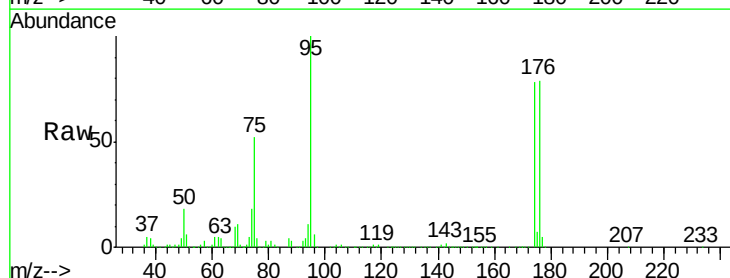
Tgt Ion: 95 Resp: 328513

Ion Ratio Lower Upper

95 100

174 77.4 0.0 160.0

176 79.3 0.0 161.2



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

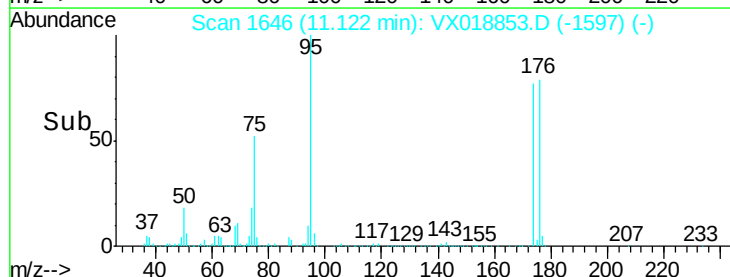
300000

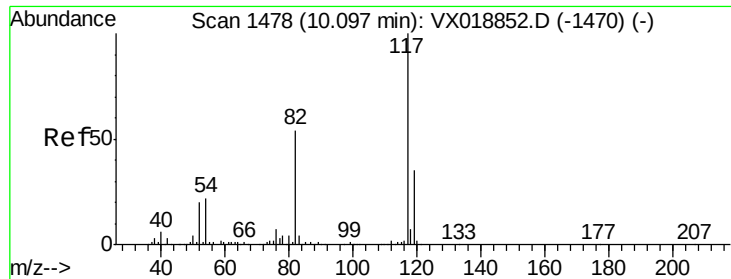
200000

100000

0

Time--> 11.00 11.10 11.20





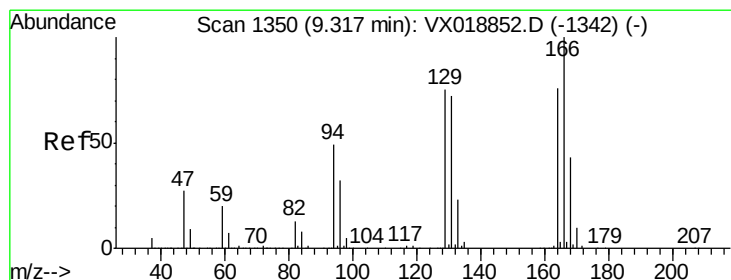
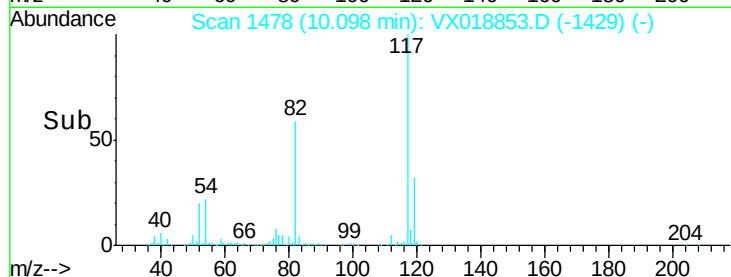
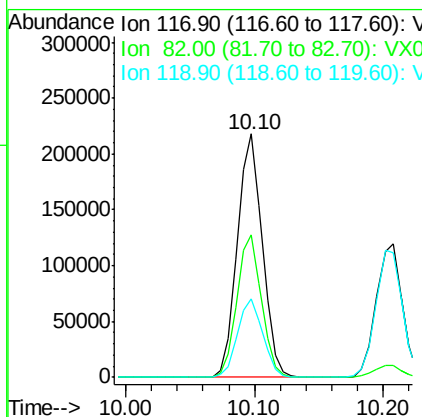
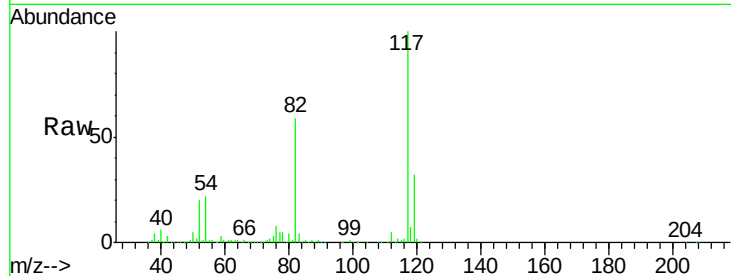
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018853.D
Acq: 09 Oct 2020 12:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
117	100	294052		
82	58.7	43.4	65.2	
119	32.2	28.3	42.5	

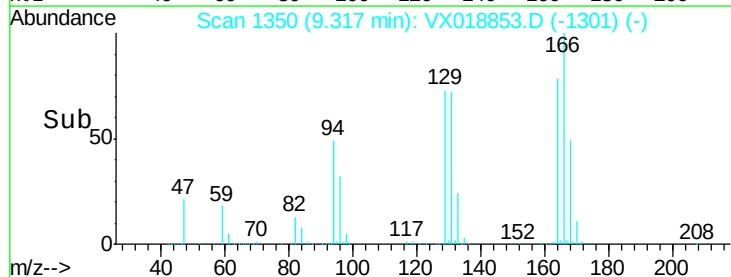
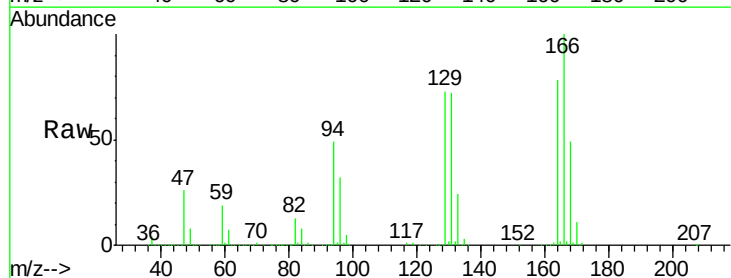
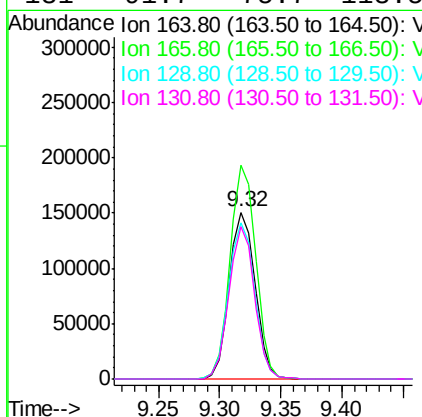
Manual Integrations
APPROVED

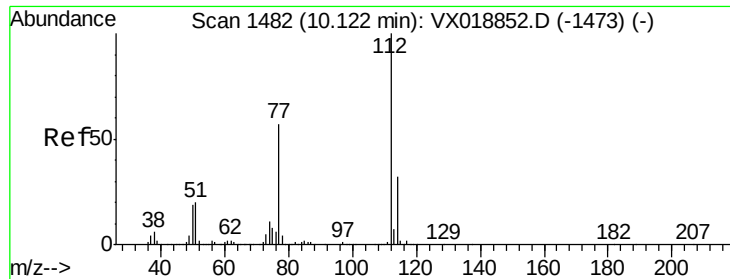
MMDadoda
10/12/2020 2:23:25 PM



#64
Tetrachloroethene
Concen: 95.582 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018853.D
Acq: 09 Oct 2020 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	220406		
166	128.1	105.4	158.0	
129	93.2	79.0	118.6	
131	91.7	75.7	113.5	





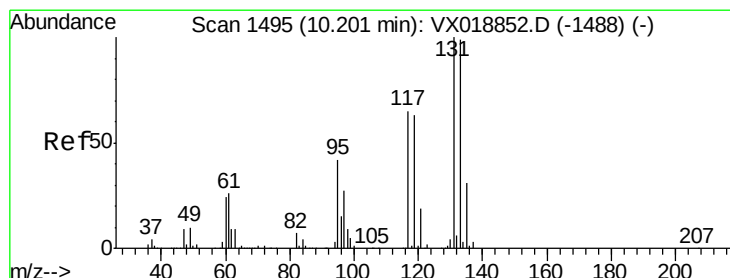
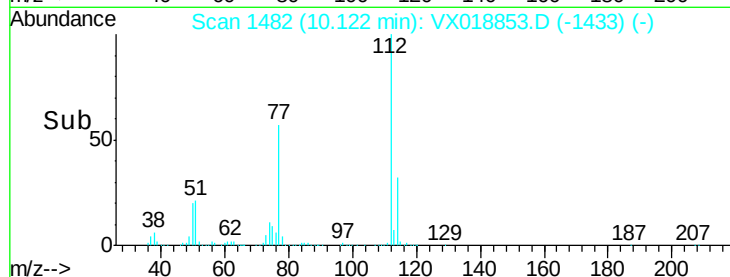
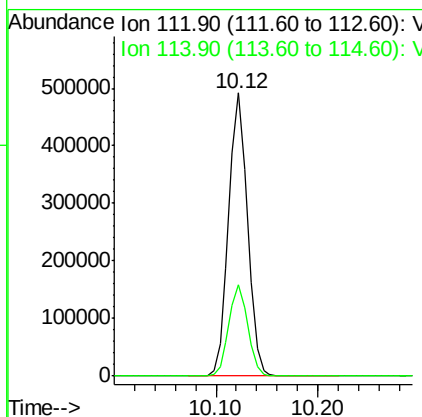
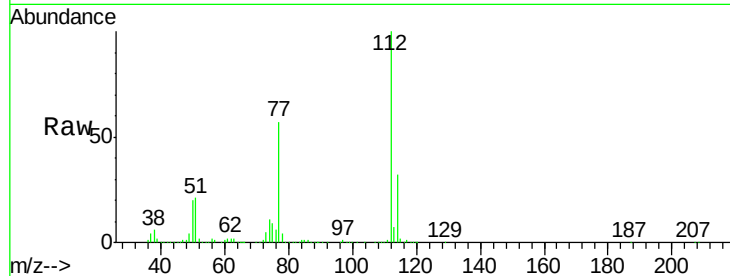
#65
Chlorobenzene
Concen: 103.634 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018853.D
Acq: 09 Oct 2020 12:48

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tot Ion:112 Resp: 631217
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5

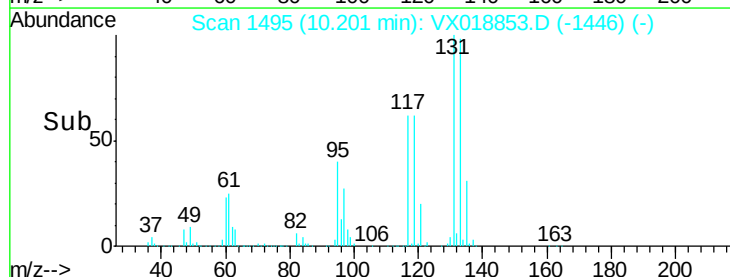
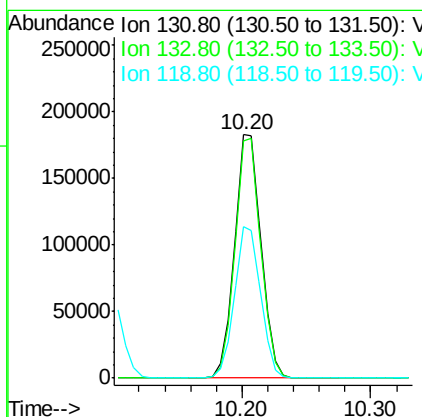
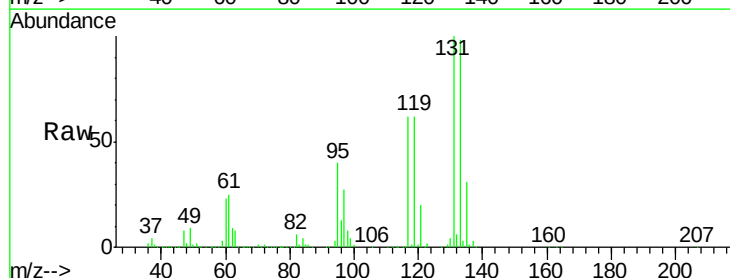
Manual Integrations
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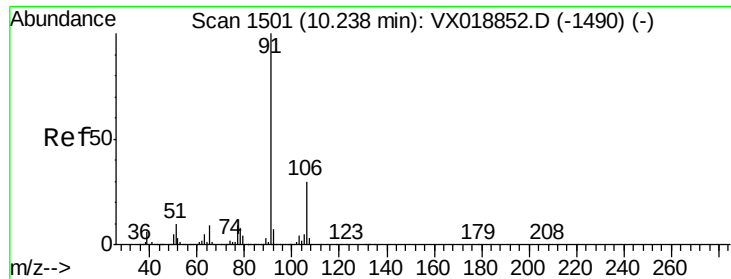
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 106.872 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX018853.D
Acq: 09 Oct 2020 12:48

Tgt Ion:131 Resp: 261383
Ion Ratio Lower Upper
131 100
133 96.3 48.6 145.8
119 61.4 31.1 93.3





#67

Ethyl Benzene

Concen: 105.144 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX018853.D

Acq: 09 Oct 2020 12:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 1110049

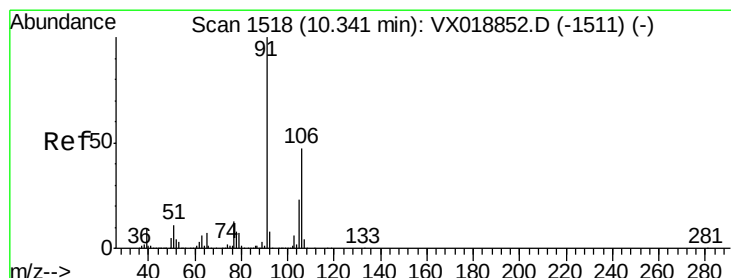
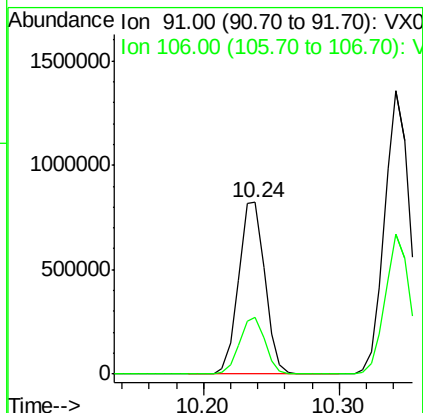
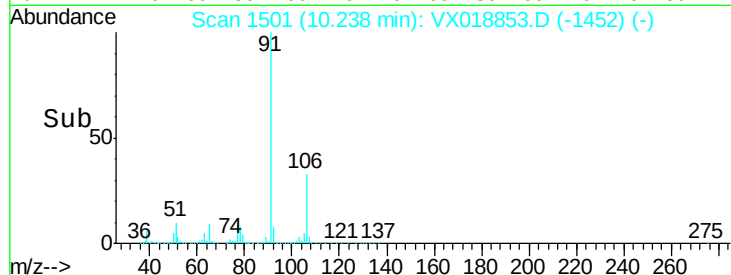
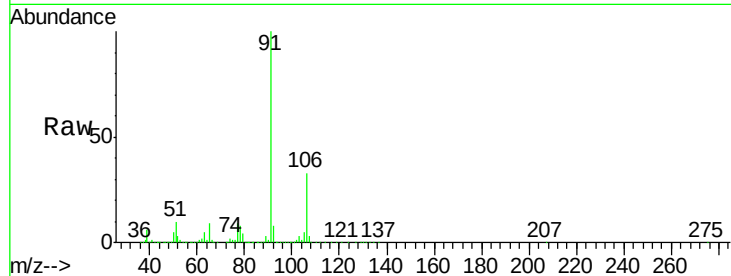
Ion Ratio Lower Upper

91 100

106 32.8 24.0 36.0

Manual Integrations
APPROVED

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#68

m/p-Xylenes

Concen: 212.324 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018853.D

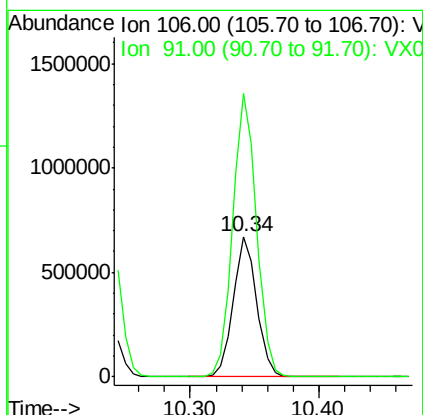
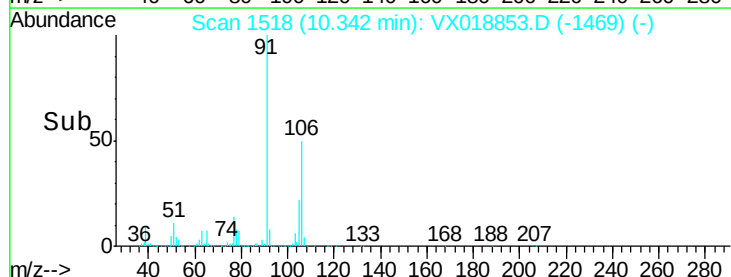
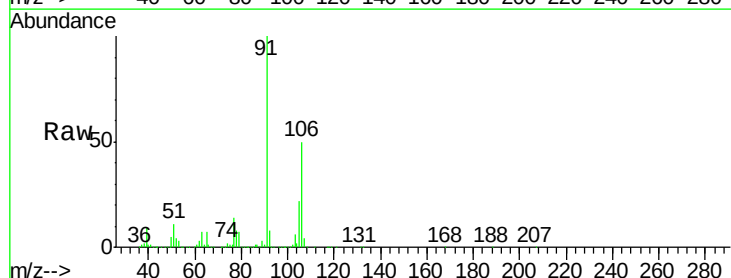
Acq: 09 Oct 2020 12:48

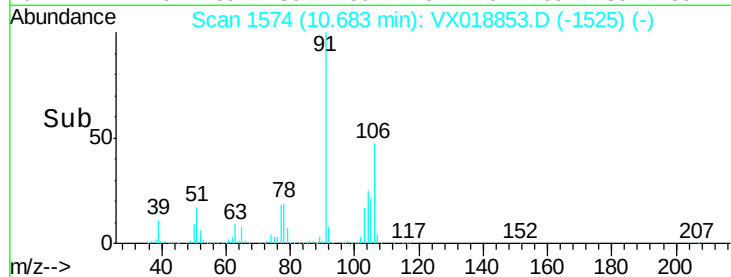
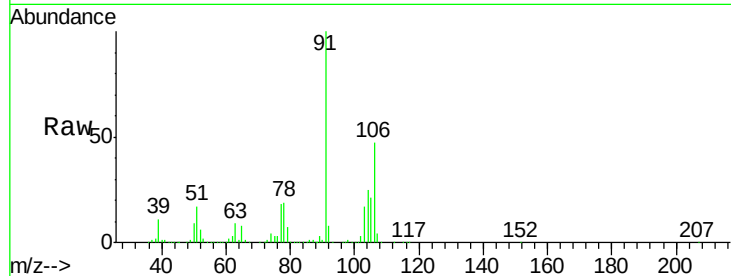
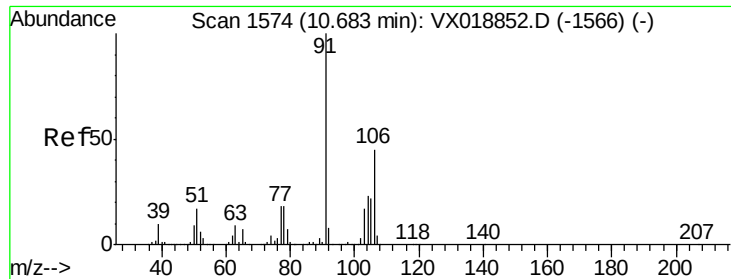
Tgt Ion: 106 Resp: 850043

Ion Ratio Lower Upper

106 100

91 205.7 165.6 248.4





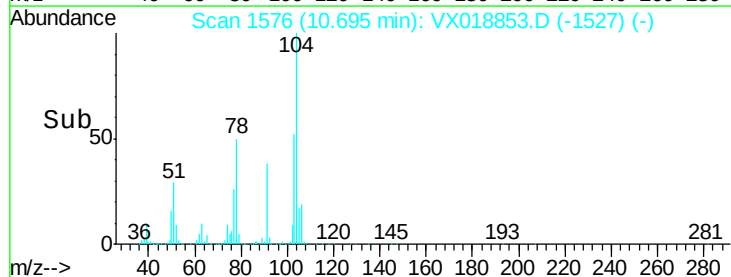
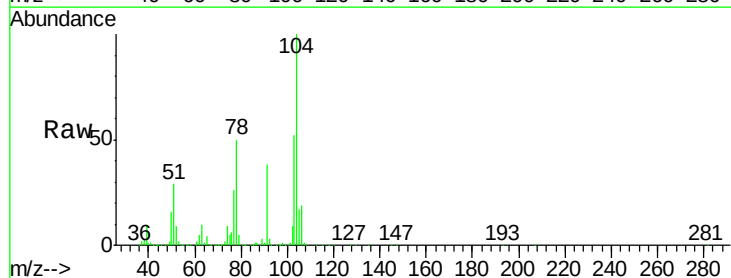
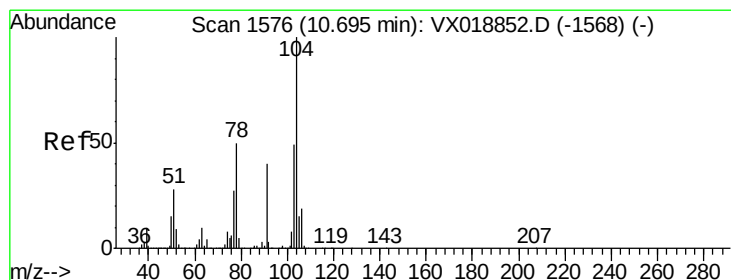
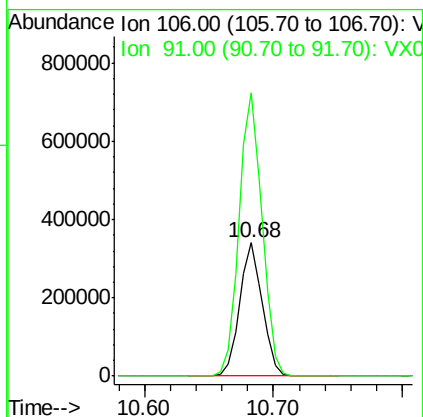
#69
o-Xylene
Concen: 109.098 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018853.D
Acq: 09 Oct 2020 12:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
106	100	412273		
91	216.7	109.9	329.6	

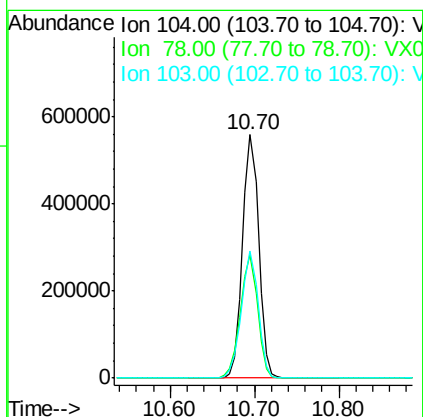
Manual Integrations
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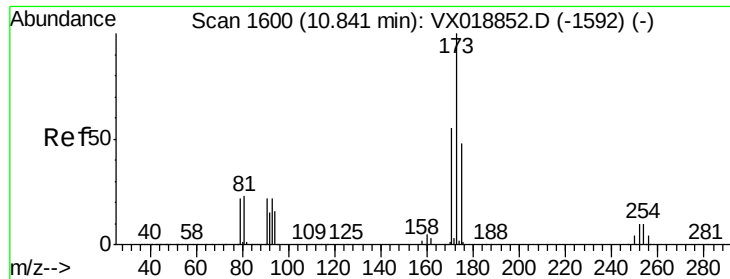
MMDadoda
10/12/2020 2:23:25 PM



#70
Styrene
Concen: 109.116 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018853.D
Acq: 09 Oct 2020 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	710647		
78	54.1	43.5	65.3	
103	55.0	43.3	64.9	





#71

Bromoform

Concen: 113.296 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018853.D

Acq: 09 Oct 2020 12:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:173 Resp: 234026

Ion Ratio Lower Upper

173 100

175 48.1 23.4 70.0

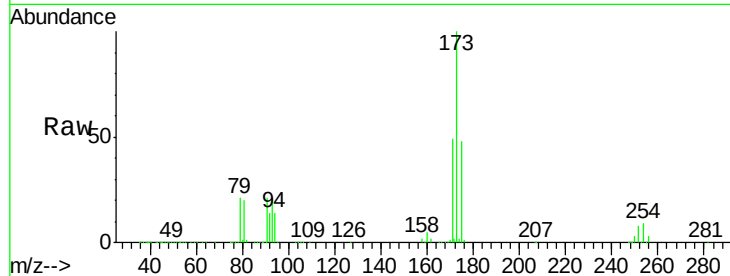
254 0.2 0.0 0.0#

Manual Integrations

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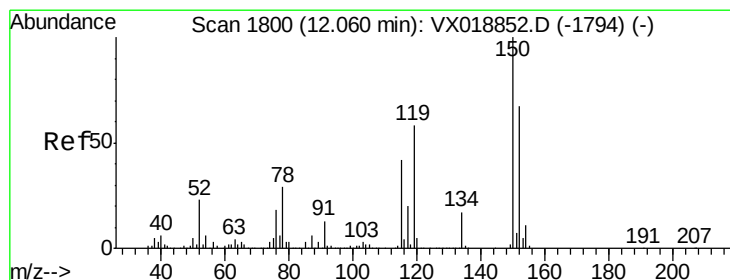
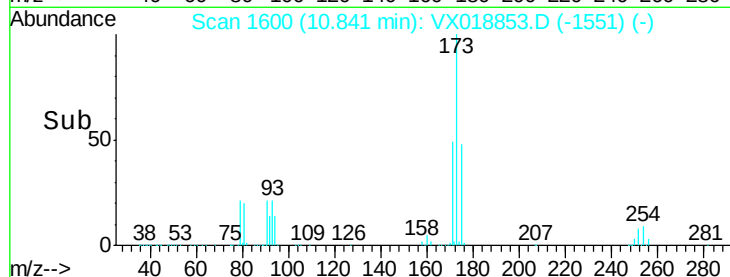
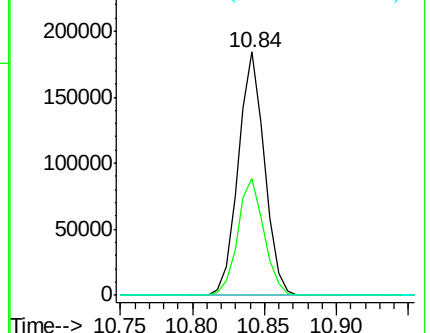
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018853.D

Acq: 09 Oct 2020 12:48

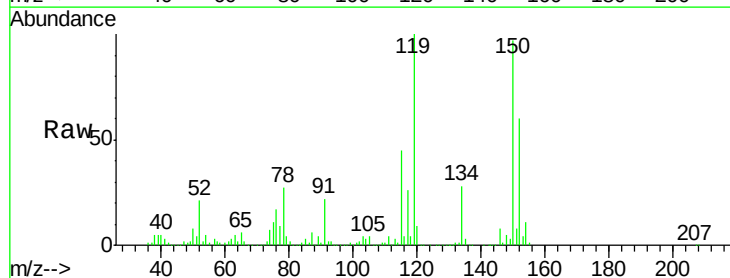
Tgt Ion:152 Resp: 167332

Ion Ratio Lower Upper

152 100

115 110.5 41.8 125.4

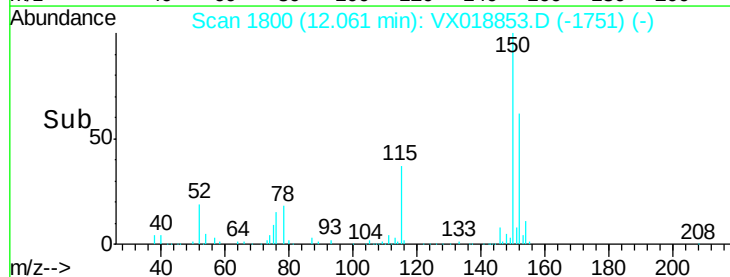
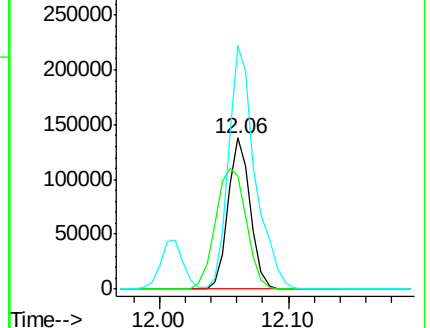
150 191.3 0.0 347.6

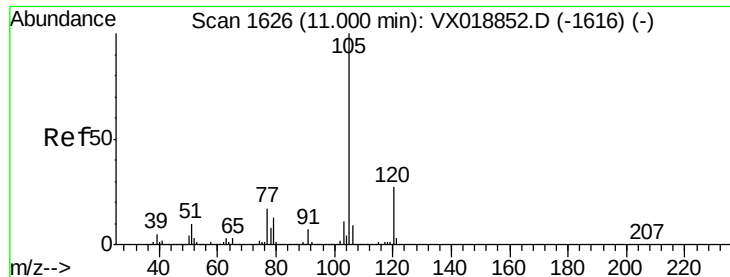


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 102.264 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018853.D

Acq: 09 Oct 2020 12:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 1146042

Ion Ratio Lower Upper

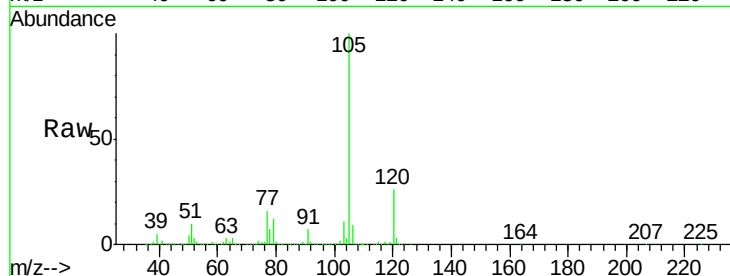
105 100

120 26.3 13.3 39.8

Manual Integrations
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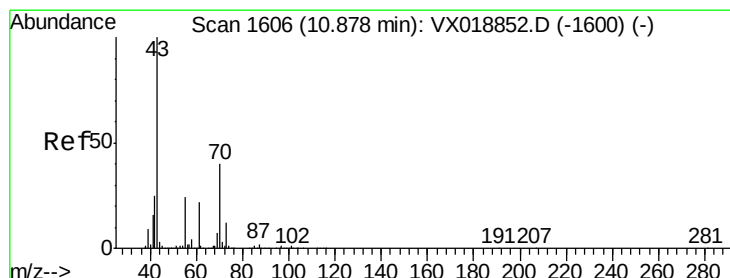
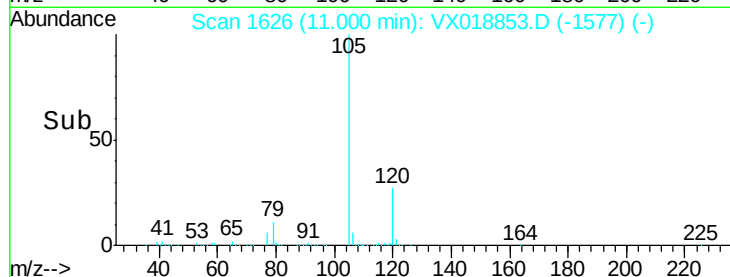
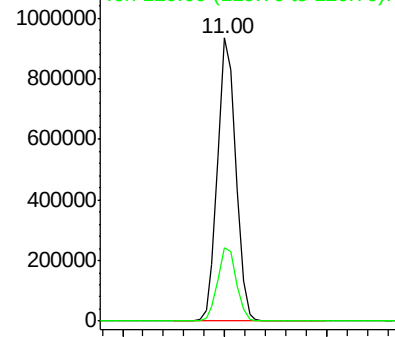
MMDadoda

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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: 98.542 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018853.D

Acq: 09 Oct 2020 12:48

Tgt Ion: 43 Resp: 488162

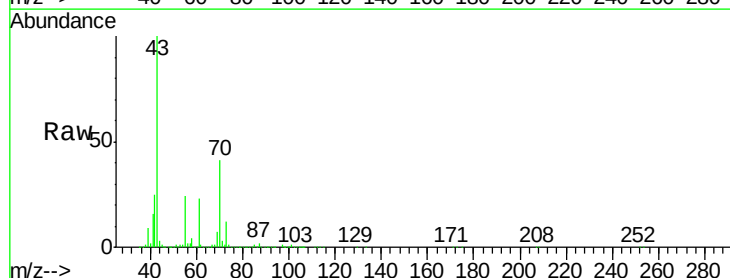
Ion Ratio Lower Upper

43 100

70 42.5 33.7 50.5

55 24.0 19.8 29.8

61 23.8 18.6 28.0

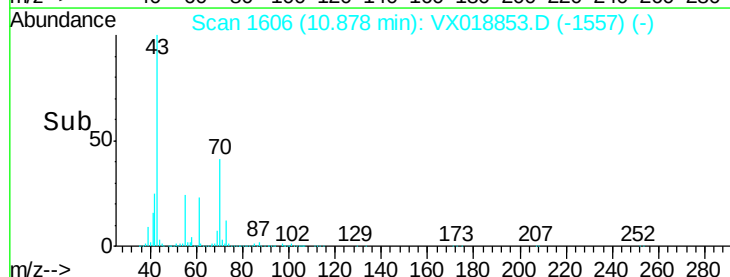
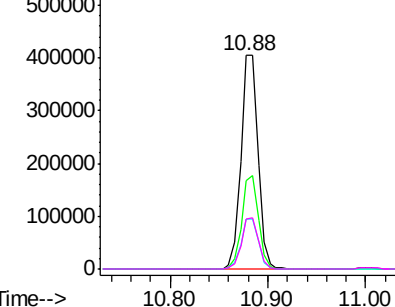


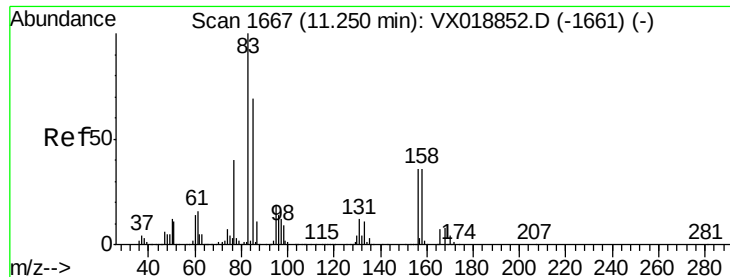
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 94.393 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018853.D

Acq: 09 Oct 2020 12:48

Instrument :

MSVOA_X

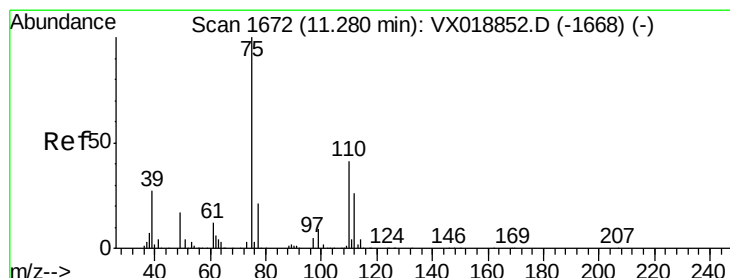
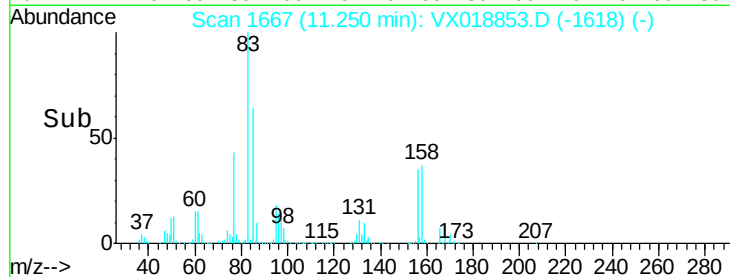
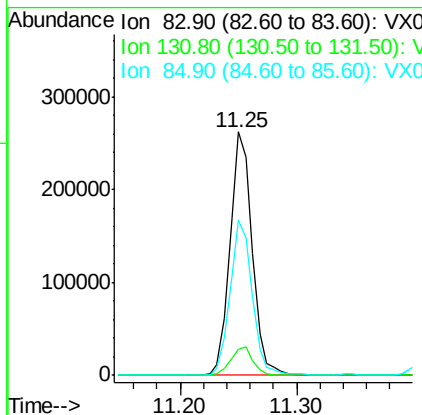
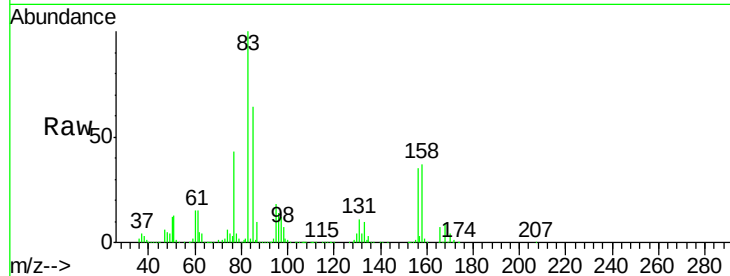
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	346856
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.9	17.8
85	63.9	33.0	98.9

Manual Integrations
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10/12/2020 2:23:25 PM



#76

1,2,3-Trichloropropane

Concen: 95.029 ug/l m

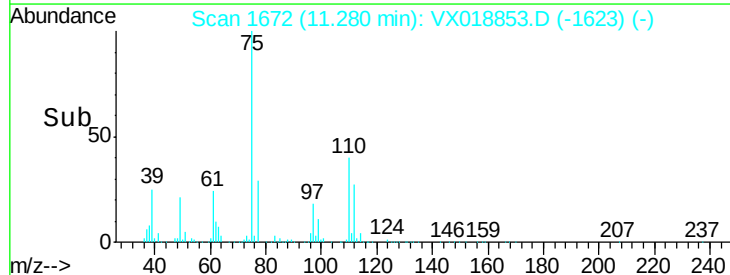
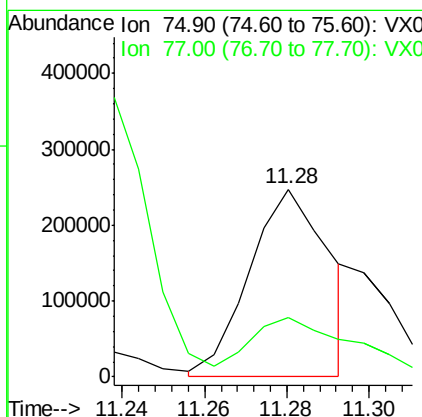
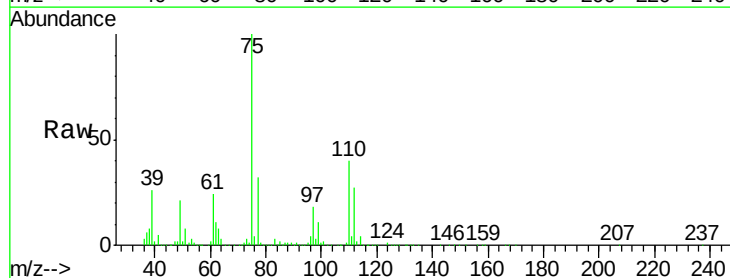
RT: 11.28 min Scan# 1672

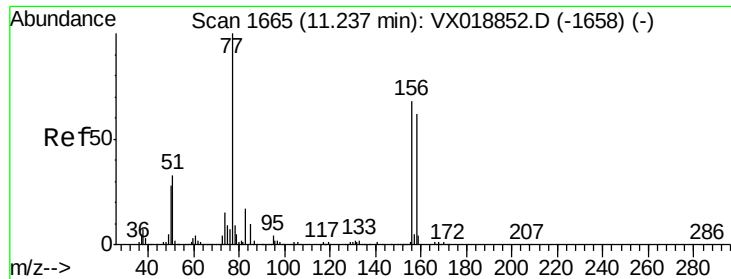
Delta R.T. 0.00 min

Lab File: VX018853.D

Acq: 09 Oct 2020 12:48

Tgt Ion:	75	Resp:	333409
Ion Ratio	Lower	Upper	
75	100		
77	41.7	20.2	60.6





#77

Bromobenzene

Concen: 95.252 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018853.D

Acq: 09 Oct 2020 12:48

Instrument :

MSVOA_X

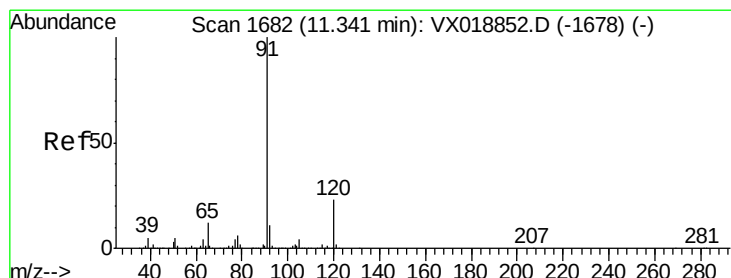
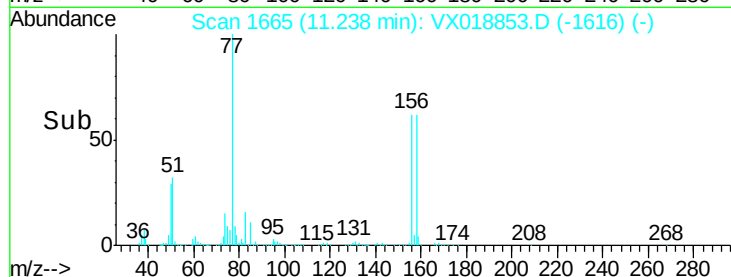
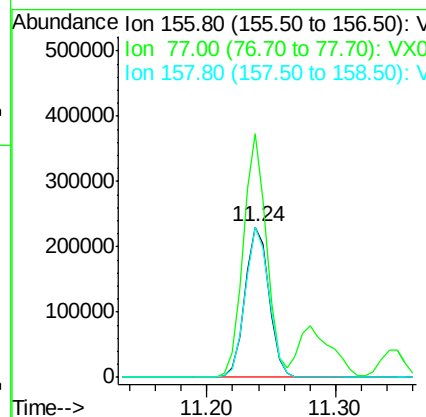
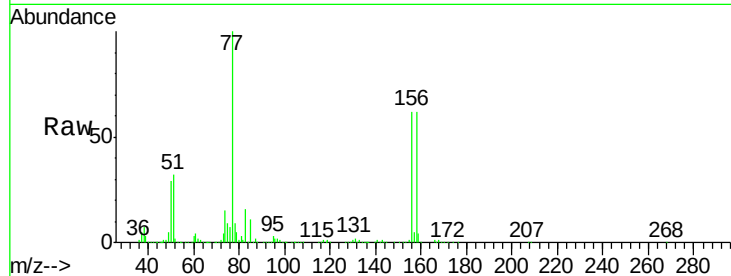
ClientSampleId :

VSTDIC100

Tot Ion	Ratio	Lower	Upper
156	100		
77	158.4	76.0	228.1
158	99.7	47.2	141.6

Manual Integrations
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#78

n-propylbenzene

Concen: 100.044 ug/l

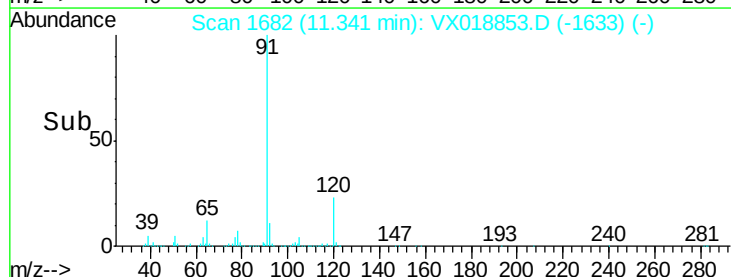
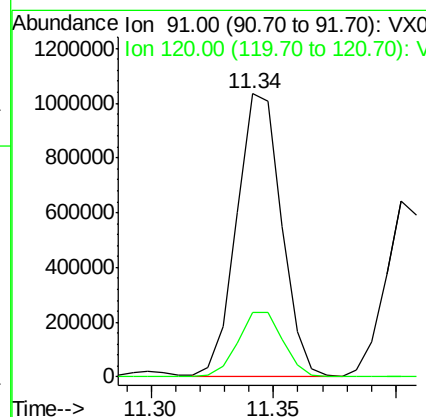
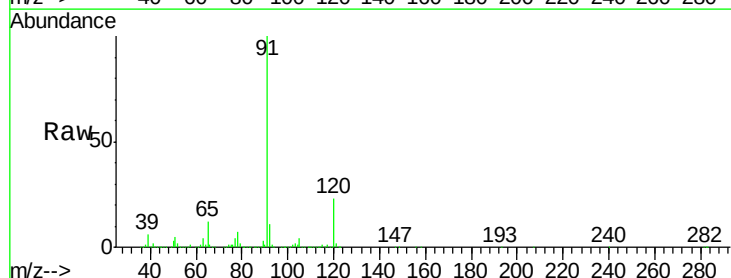
RT: 11.34 min Scan# 1682

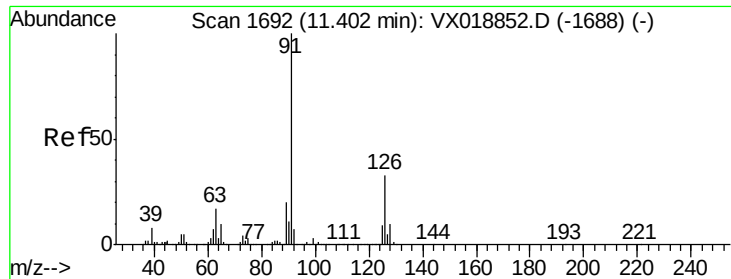
Delta R.T. 0.00 min

Lab File: VX018853.D

Acq: 09 Oct 2020 12:48

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.5	12.0	36.0





#79

2-Chlorotoluene

Concen: 99.947 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018853.D

Acq: 09 Oct 2020 12:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 791071

Ion Ratio Lower Upper

91 100

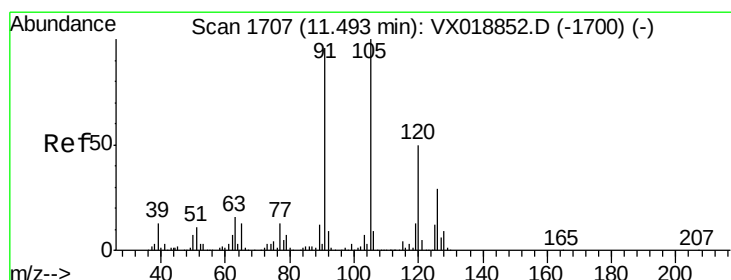
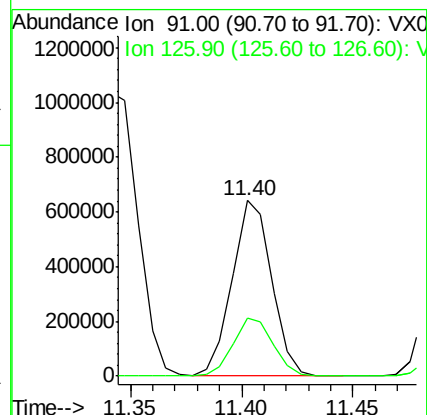
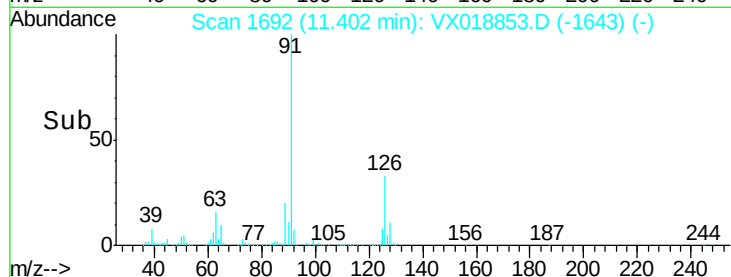
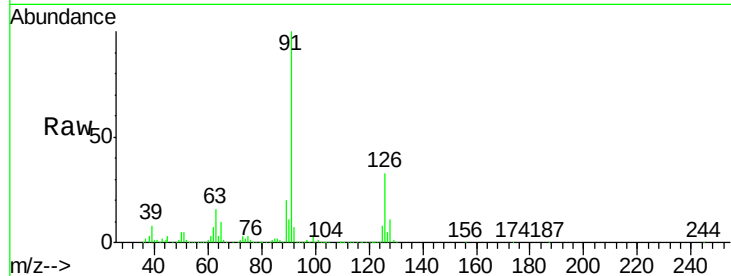
126 33.8 17.1 51.3

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 105.453 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018853.D

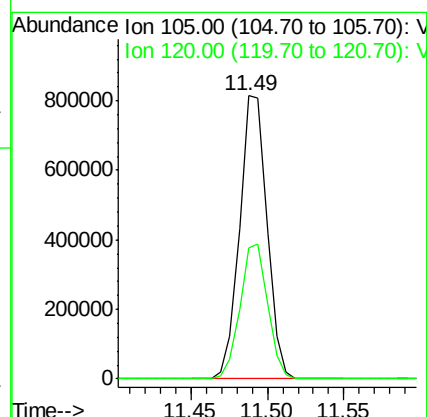
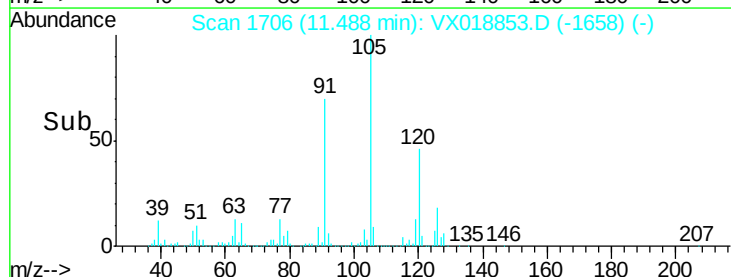
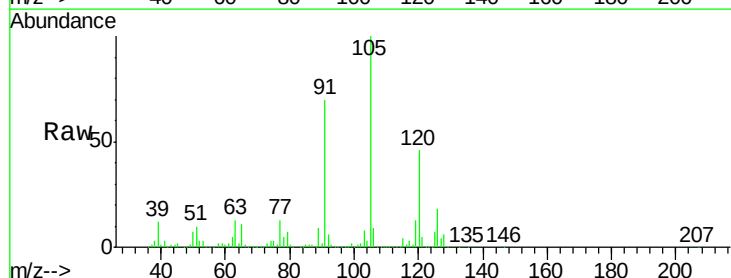
Acq: 09 Oct 2020 12:48

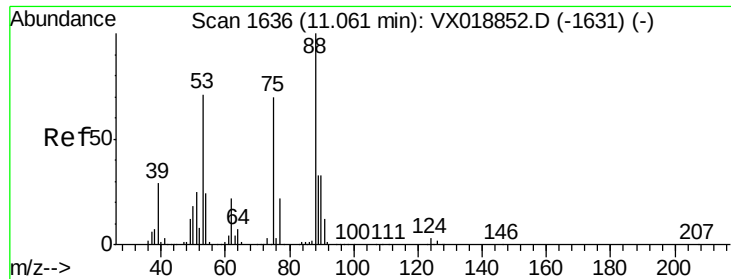
Tgt Ion: 105 Resp: 1012083

Ion Ratio Lower Upper

105 100

120 47.8 23.9 71.8





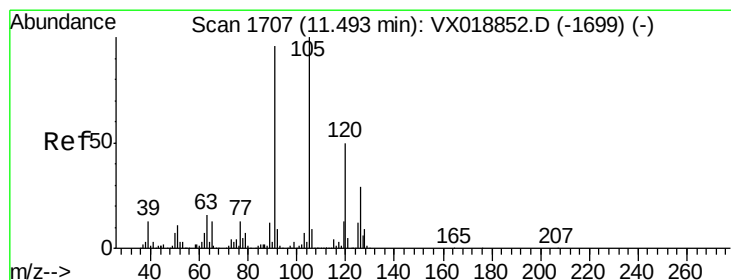
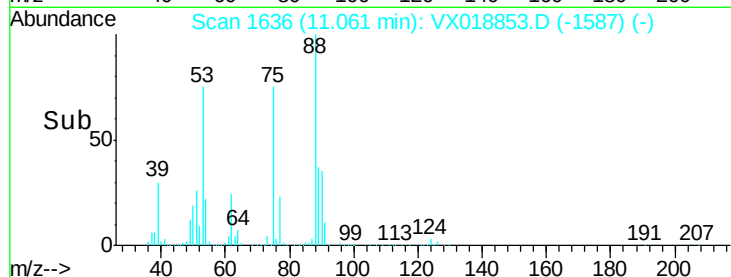
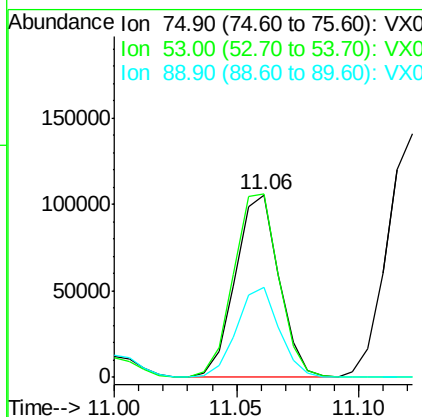
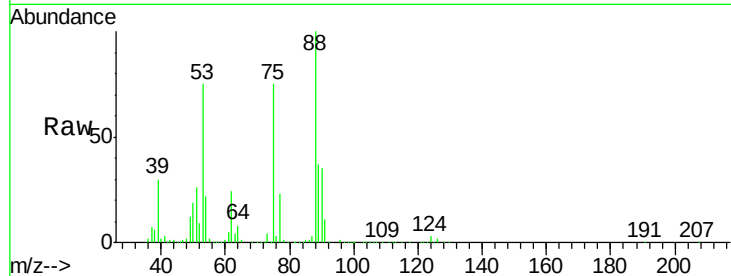
#81
trans-1,4-Dichloro-2-butene
Concen: 96.891 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VX018853.D
Acq: 09 Oct 2020 12:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.2	85.0	127.4
89	48.8	39.0	58.4

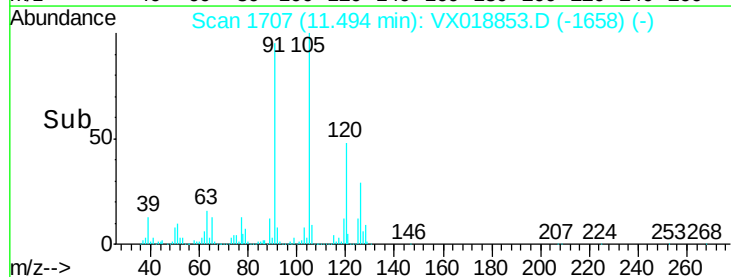
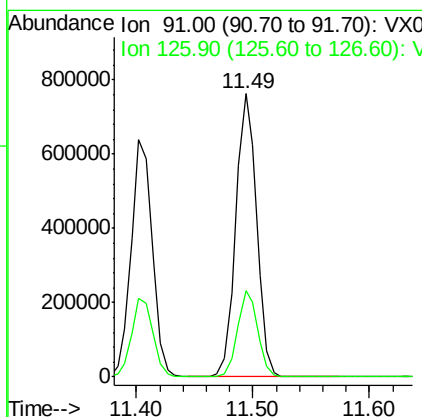
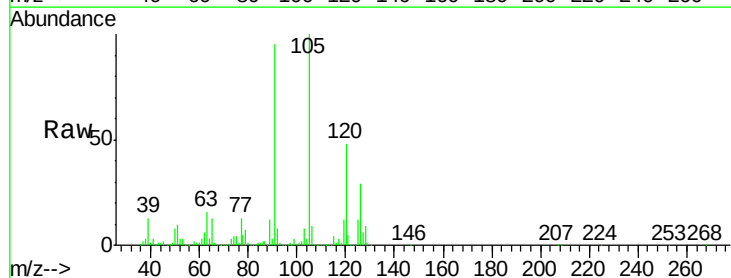
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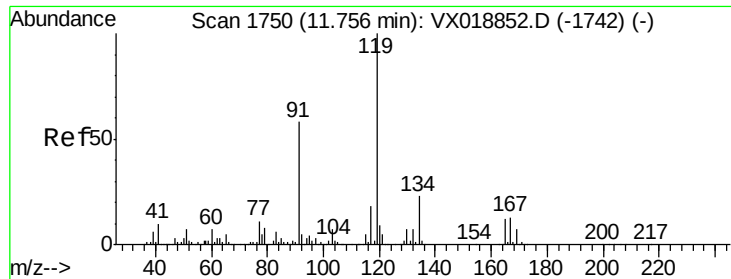
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#82
4-Chlorotoluene
Concen: 101.089 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018853.D
Acq: 09 Oct 2020 12:48

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.4	14.9	44.7





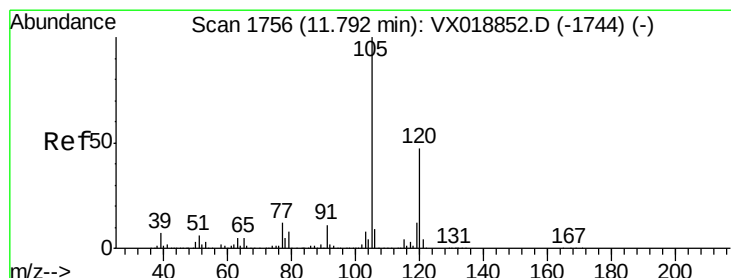
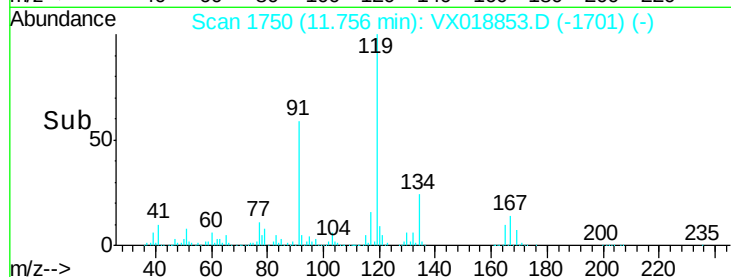
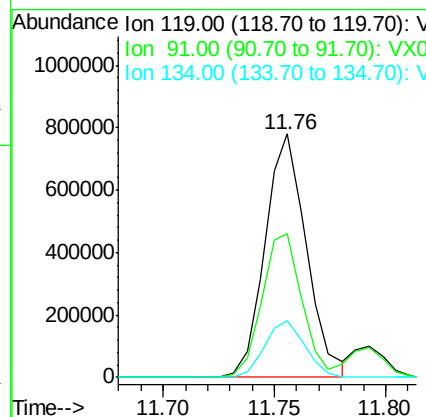
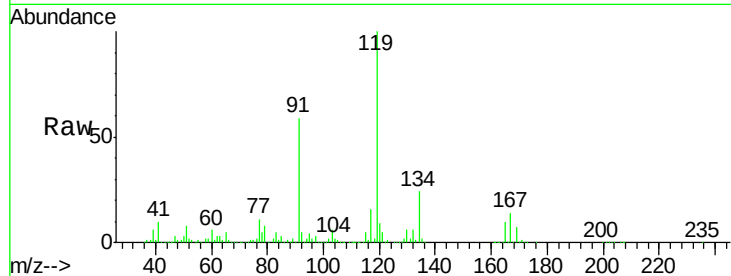
#83
tert-Butylbenzene
Concen: 107.685 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018853.D
Acq: 09 Oct 2020 12:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.0	28.6	85.9
134	22.8	11.7	35.0

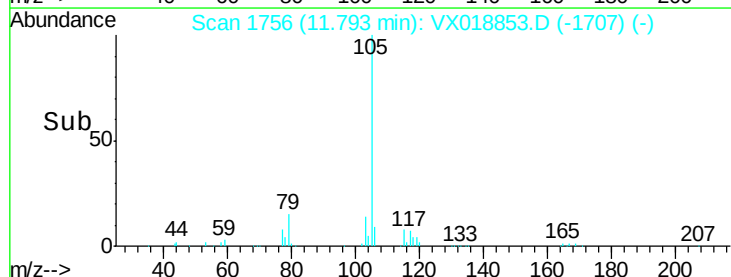
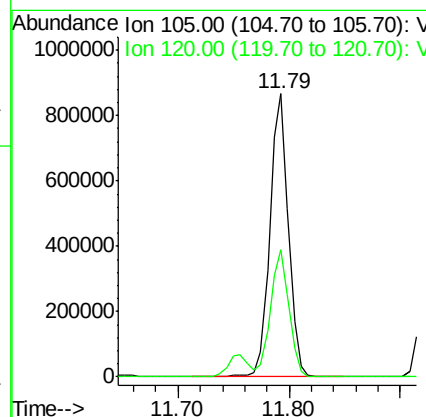
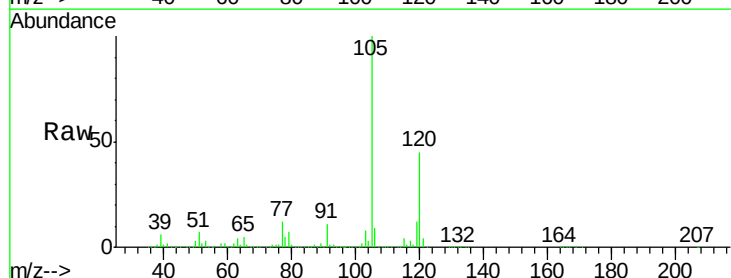
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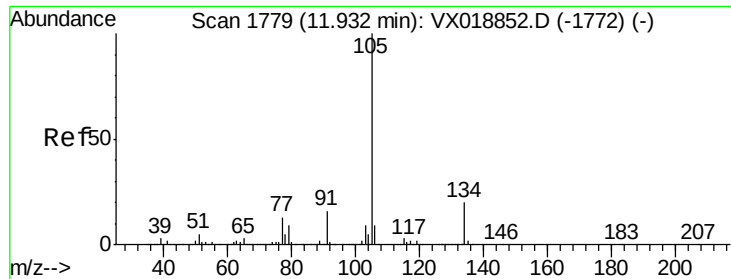
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#84
1,2,4-Trimethylbenzene
Concen: 104.847 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018853.D
Acq: 09 Oct 2020 12:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.6	67.8





#85

sec-Butylbenzene

Concen: 104.092 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX018853.D

Acq: 09 Oct 2020 12:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 1139790

Ion Ratio Lower Upper

105 100

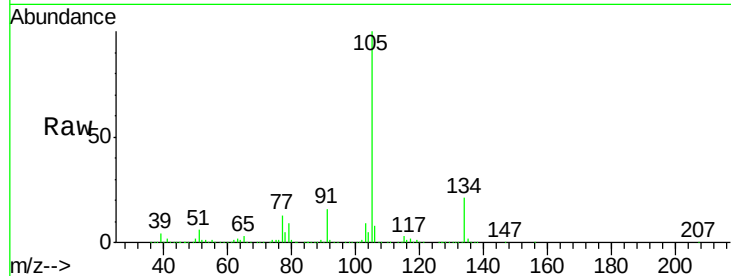
134 20.6 10.2 30.4

Manual Integrations

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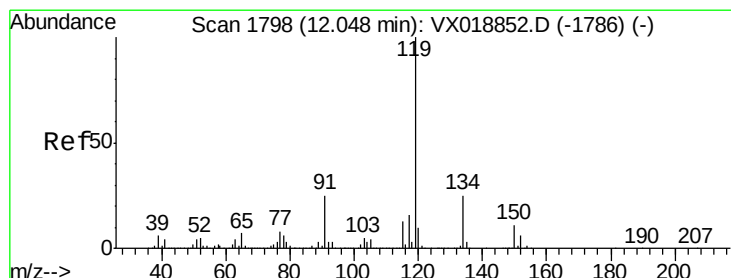
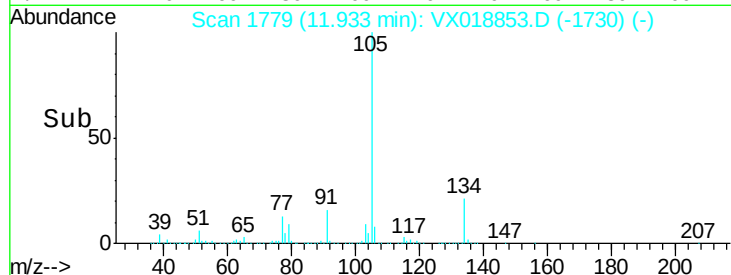
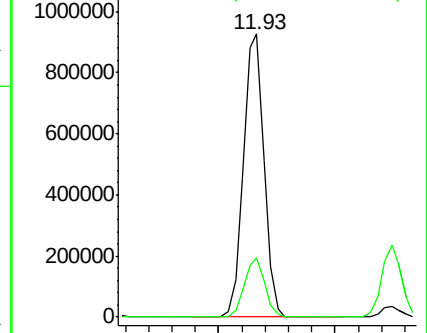
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 107.732 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018853.D

Acq: 09 Oct 2020 12:48

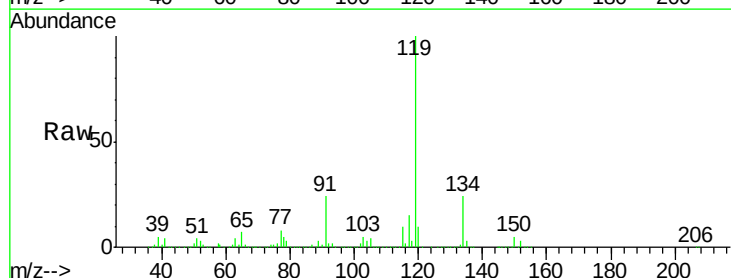
Tgt Ion:119 Resp: 1089925

Ion Ratio Lower Upper

119 100

134 25.2 12.8 38.4

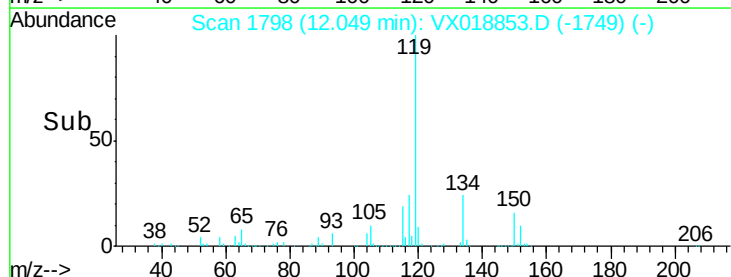
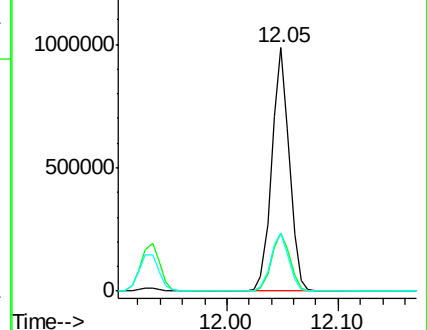
91 24.7 12.3 36.9

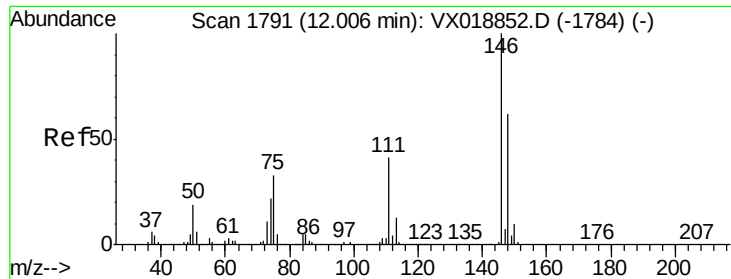


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





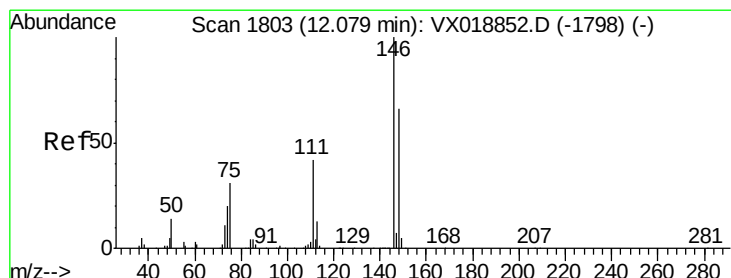
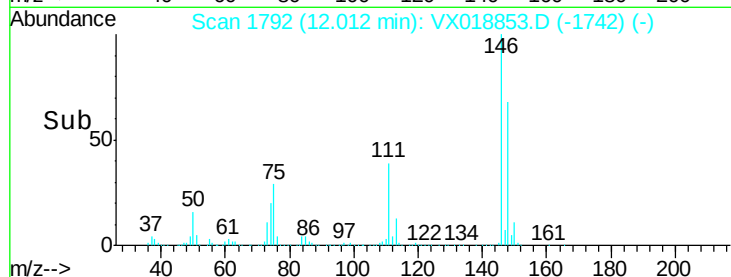
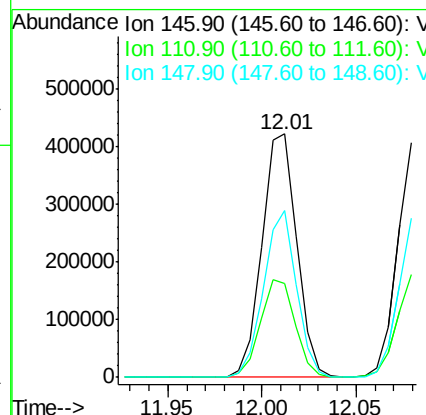
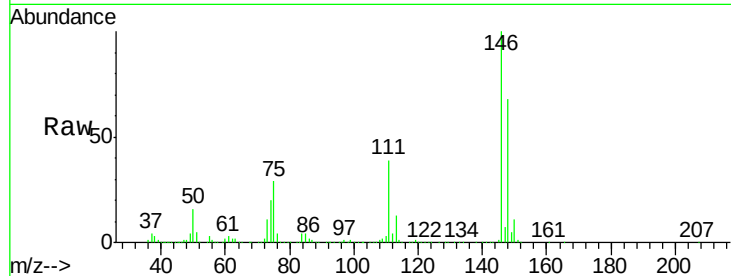
#87
 1,3-Dichlorobenzene
 Concen: 97.069 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX018853.D
 Acq: 09 Oct 2020 12:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.0	59.9
148	64.8	31.4	94.3

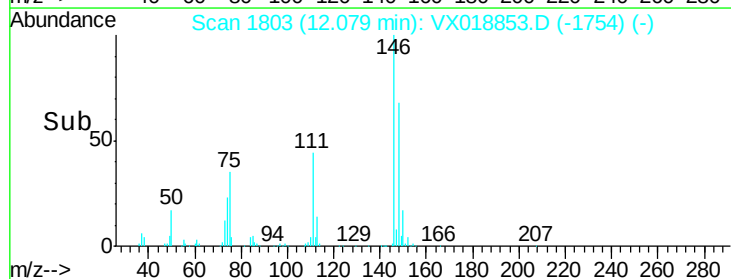
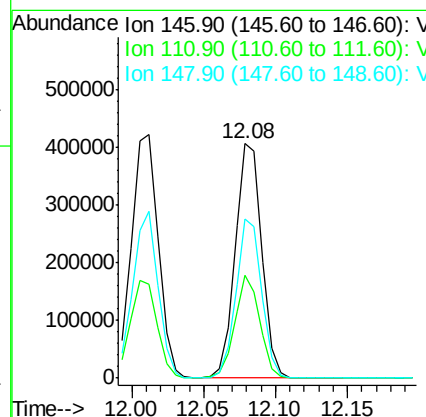
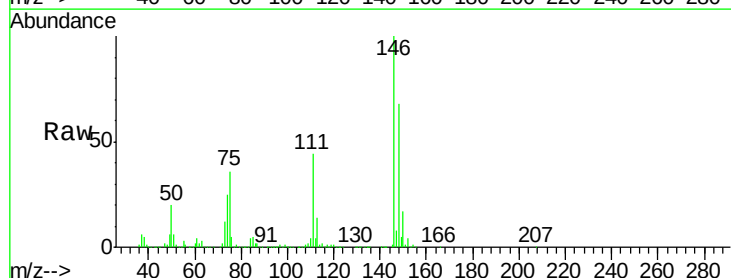
Manual Integrations
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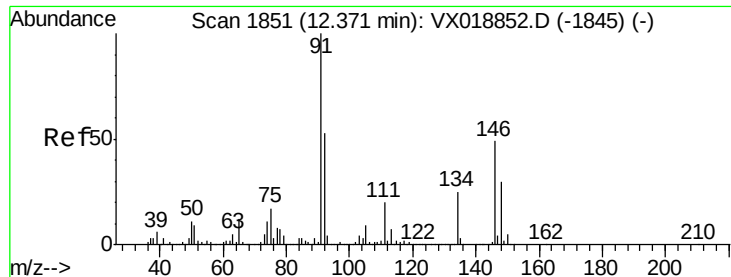
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#88
 1,4-Dichlorobenzene
 Concen: 93.232 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018853.D
 Acq: 09 Oct 2020 12:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.5	61.5
148	65.9	32.2	96.6





#89

n-Butylbenzene

Concen: 100.222 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX018853.D

Acq: 09 Oct 2020 12:48

Instrument :

MSVOA_X

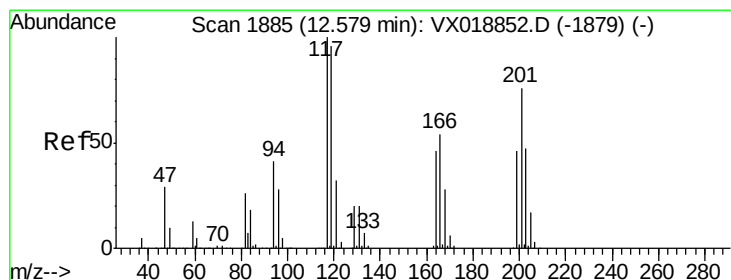
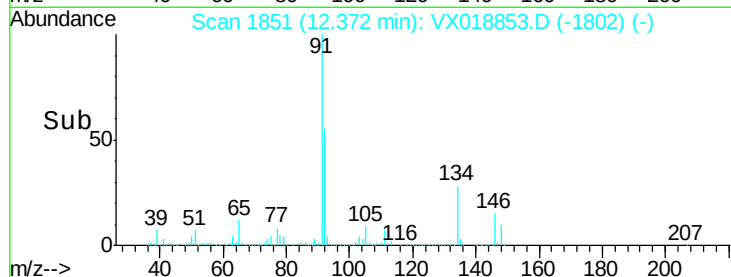
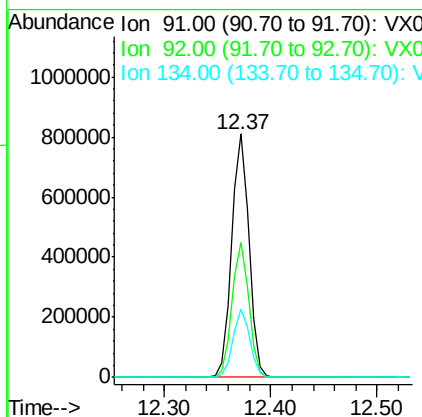
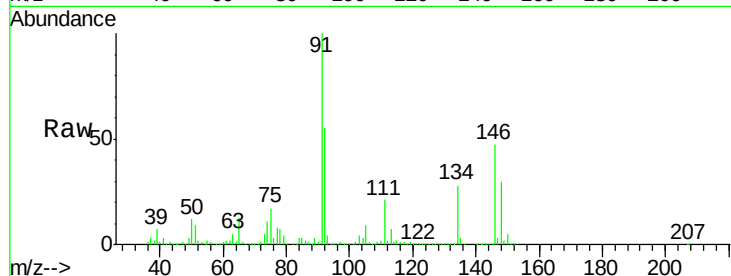
ClientSampleId :

VSTDICC100

Tot Ion:	91	Resp:	928264
Ion	Ratio	Lower	Upper
91	100		
92	54.2	26.7	80.0
134	27.2	13.5	40.4

Manual Integrations
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#90

Hexachloroethane

Concen: 94.671 ug/l

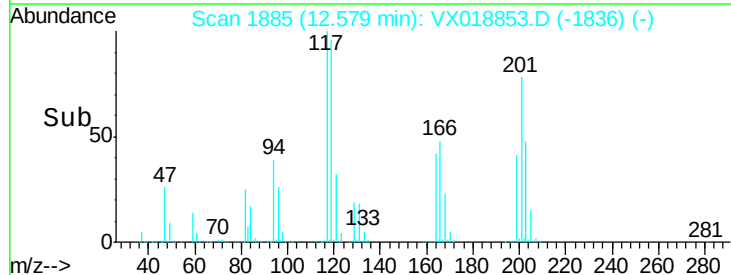
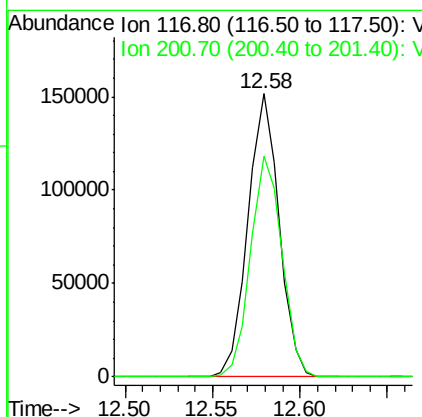
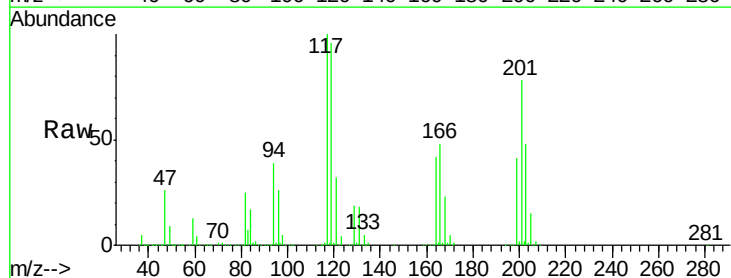
RT: 12.58 min Scan# 1885

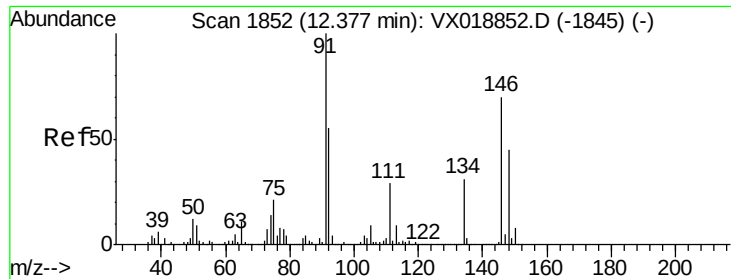
Delta R.T. 0.00 min

Lab File: VX018853.D

Acq: 09 Oct 2020 12:48

Tgt Ion:	117	Resp:	187909
Ion	Ratio	Lower	Upper
117	100		
201	78.7	37.4	112.2





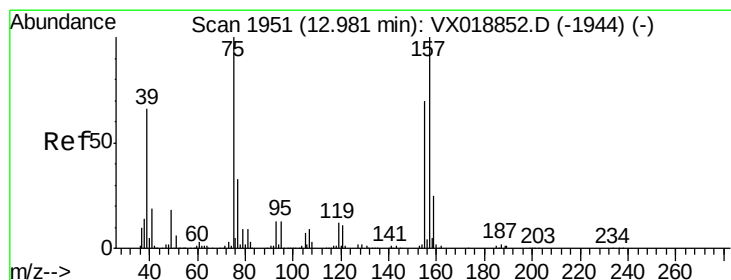
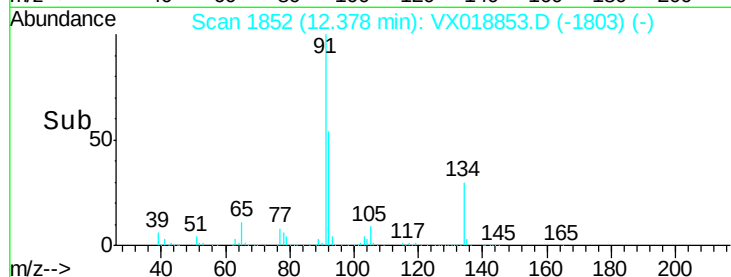
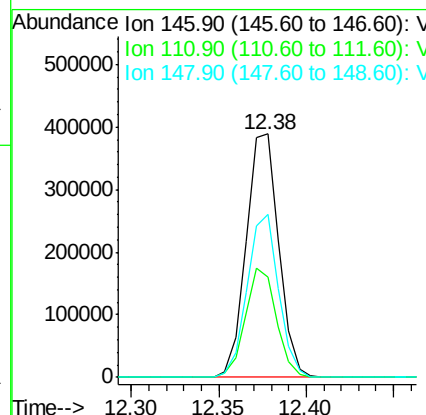
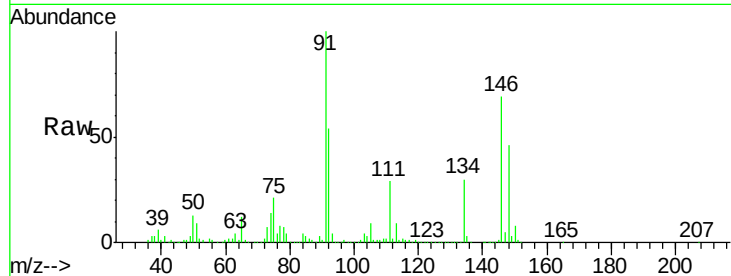
#91
 1,2-Dichlorobenzene
 Concen: 96.501 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018853.D
 Acq: 09 Oct 2020 12:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
146	100	503122		
111	42.8	20.6	61.9	
148	64.7	31.1	93.2	

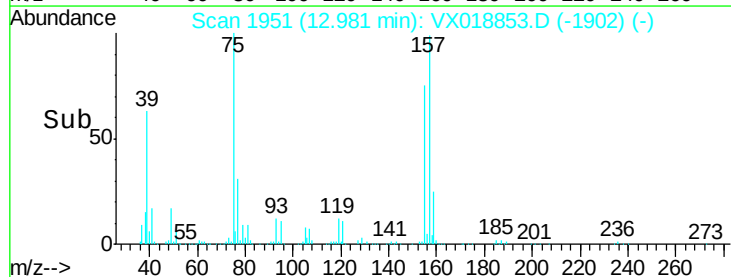
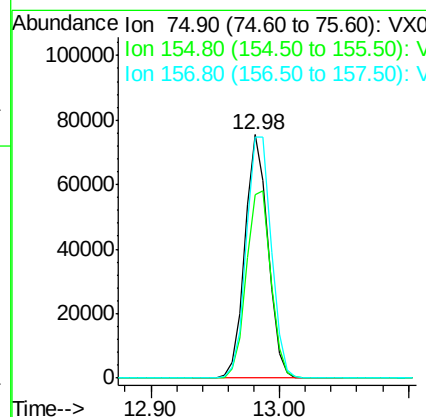
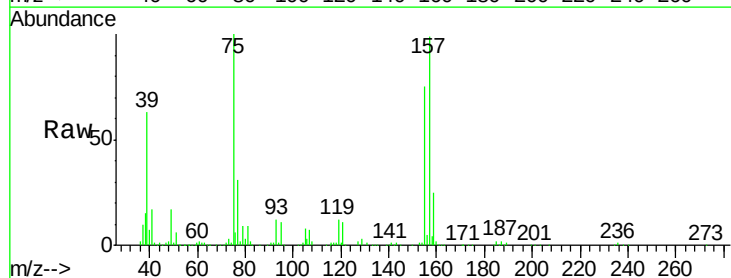
Manual Integrations
 APPROVED

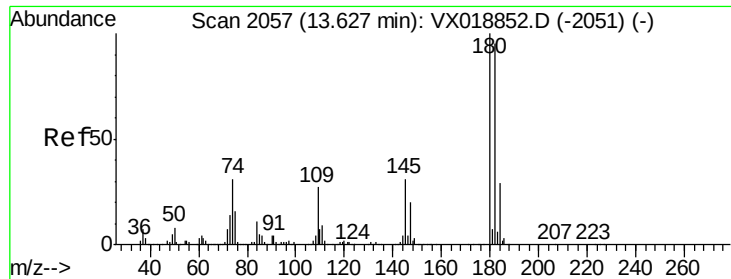
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 103.692 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018853.D
 Acq: 09 Oct 2020 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	93156		
155	81.9	38.0	113.9	
157	106.7	50.9	152.7	





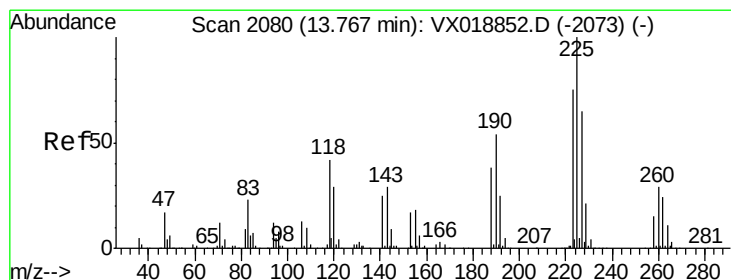
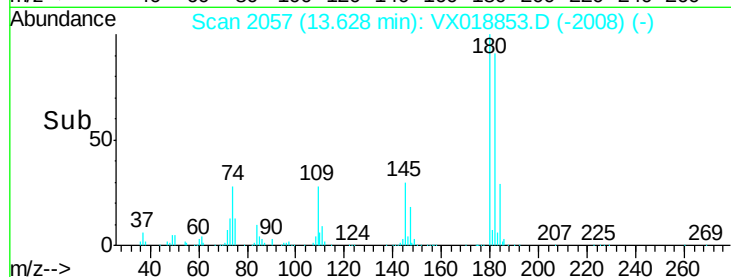
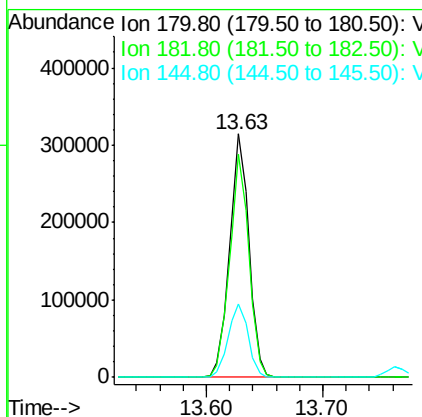
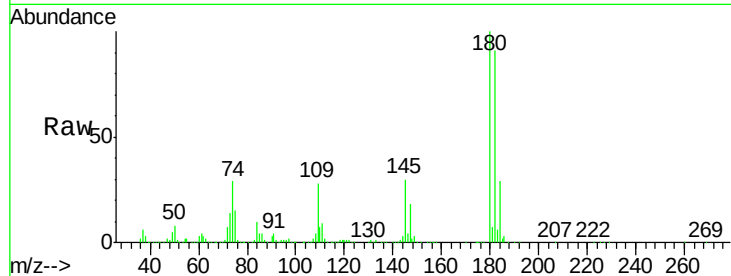
#93
 1,2,4-Trichlorobenzene
 Concen: 101.219 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018853.D
 Acq: 09 Oct 2020 12:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100	363858		
182	91.1	49.1	147.3	
145	31.3	16.0	48.0	

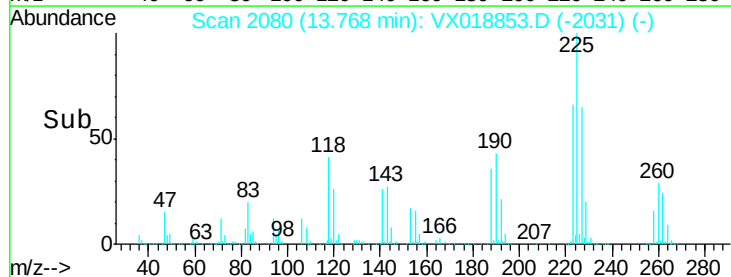
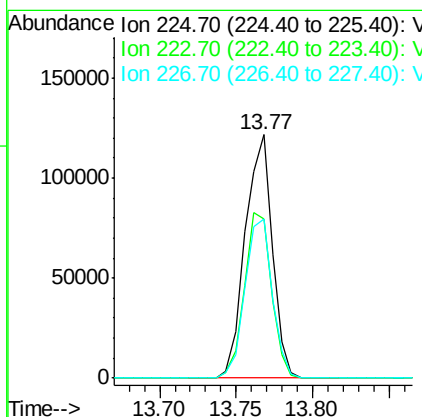
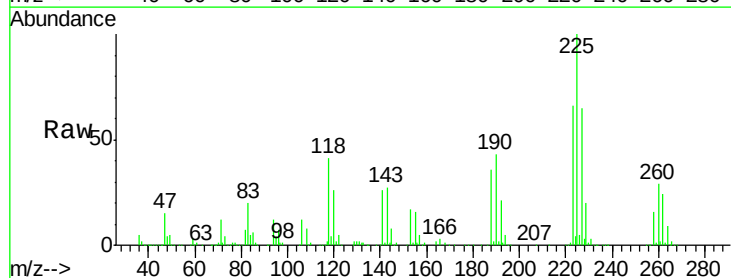
Manual Integrations
 APPROVED

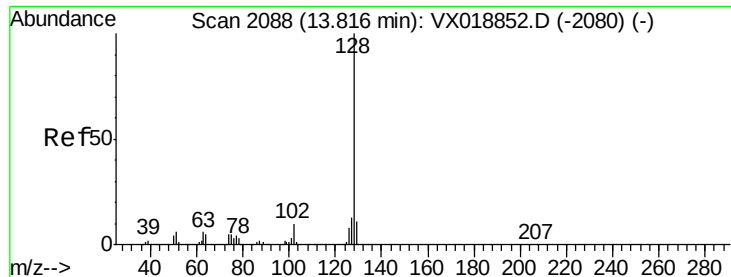
MMDadoda
 10/12/2020 2:23:25 PM



#94
 Hexachlorobutadiene
 Concen: 98.814 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX018853.D
 Acq: 09 Oct 2020 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	149271		
223	67.9	32.1	96.3	
227	66.0	33.0	98.9	





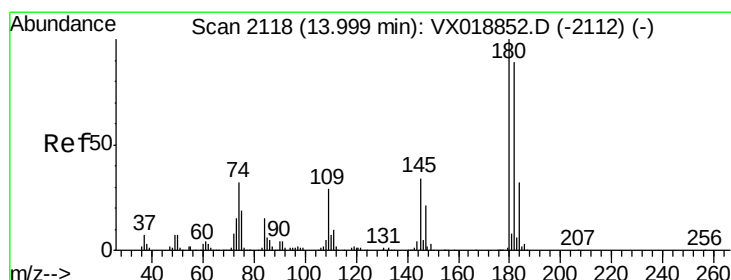
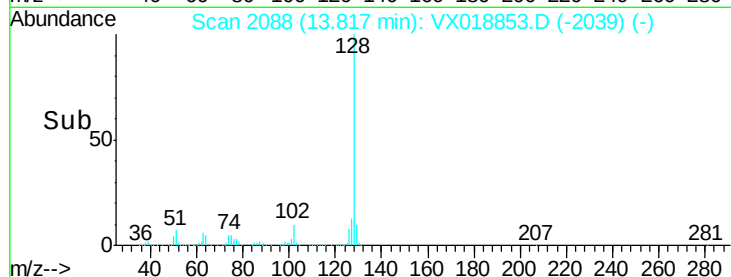
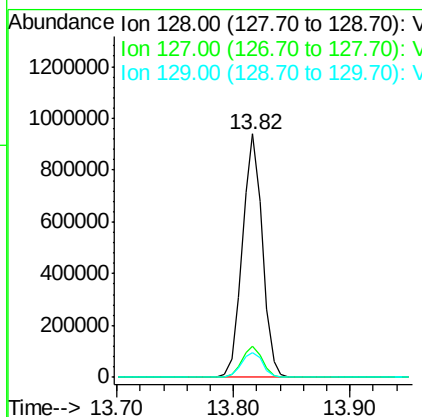
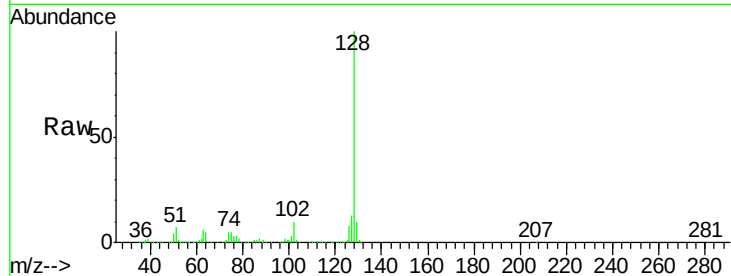
#95
Naphthalene
Concen: 103.257 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018853.D
Acq: 09 Oct 2020 12:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:128 Resp: 1120085
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 11.0 8.6 13.0

Manual Integrations
APPROVED

MMDadoda
10/12/2020 2:23:25 PM



#96
1,2,3-Trichlorobenzene
Concen: 100.266 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX018853.D
Acq: 09 Oct 2020 12:48

Tgt Ion:180 Resp: 345291
Ion Ratio Lower Upper
180 100
182 95.4 47.7 143.1
145 34.3 16.7 50.0

