

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061120\
 Data File : VX016717.D
 Acq On : 11 Jun 2020 20:06
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/12/2020 5:45:34 PM

Quant Time: Jun 12 08:04:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	219115	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	334532	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	319134	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	169224	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	133445	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	
35) Dibromofluoromethane	5.47	113	110107	53.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.90%	
50) Toluene-d8	8.70	98	405800	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	
62) 4-Bromofluorobenzene	11.12	95	160661	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	87307	40.489	ug/l	96
3) Chloromethane	1.31	50	94127	36.122	ug/l	99
4) Vinyl Chloride	1.39	62	114904	41.696	ug/l	99
5) Bromomethane	1.62	94	57680	43.048	ug/l	100
6) Chloroethane	1.70	64	74335	46.242	ug/l	100
7) Trichlorofluoromethane	1.91	101	182659	50.471	ug/l	97
8) Diethyl Ether	2.17	74	71794	47.574	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.36	101	99553	49.981	ug/l	98
10) Methyl Iodide	2.49	142	77015	33.441	ug/l	99
11) Tert butyl alcohol	3.02	59	162795	233.304	ug/l	100
12) 1,1-Dichloroethene	2.35	96	102947	48.828	ug/l	96
13) Acrolein	2.28	56	21648	72.931	ug/l	98
14) Allyl chloride	2.70	41	162456	41.898	ug/l	96
15) Acrylonitrile	3.12	53	327655	229.232	ug/l	99
16) Acetone	2.42	43	293887	246.511	ug/l	100
17) Carbon Disulfide	2.55	76	260372	41.586	ug/l	99
18) Methyl Acetate	2.75	43	152112	49.747	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	373951	49.393	ug/l	96
20) Methylene Chloride	2.83	84	116008	47.032	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	109439	46.928	ug/l	92
22) Diisopropyl ether	3.82	45	328945	44.162	ug/l	97
23) Vinyl Acetate	3.79	43	1453735	222.973	ug/l	96
24) 1,1-Dichloroethane	3.67	63	198164	47.136	ug/l	99
25) 2-Butanone	4.63	43	444515	220.045	ug/l	93
26) 2,2-Dichloropropane	4.55	77	166108	48.285	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	128702	47.704	ug/l	96
28) Bromochloromethane	4.98	49	86271	44.159	ug/l	86
29) Tetrahydrofuran	5.09	42	283732	217.404	ug/l	92
30) Chloroform	5.18	83	212367	50.133	ug/l	96
31) Cyclohexane	5.55	56	150590	39.816	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	194131	50.620	ug/l	99
36) 1,1-Dichloropropene	5.77	75	146973	46.402	ug/l	98
37) Ethyl Acetate	4.79	43	164620	43.290	ug/l	96
38) Carbon Tetrachloride	5.75	117	172783	51.909	ug/l	97

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Quant Time: Jun 12 08:04:45 2020
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	158890	46.185	ug/l	96
40) Benzene	6.11	78	448562	47.556	ug/l	100
41) Methacrylonitrile	5.01	41	91131	43.629	ug/l	96
42) 1,2-Dichloroethane	6.16	62	166707	49.698	ug/l	99
43) Isopropyl Acetate	6.42	43	264088	44.523	ug/l	97
44) Trichloroethene	7.19	130	131790	44.038	ug/l	97
45) 1,2-Dichloropropane	7.49	63	115248	47.995	ug/l	98
46) Dibromomethane	7.64	93	81862	50.756	ug/l	97
47) Bromodichloromethane	7.88	83	171476	51.347	ug/l	100
48) Methyl methacrylate	7.74	41	127797	44.998	ug/l	95
49) 1,4-Dioxane	7.71	88	60462	909.698	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	860312	232.936	ug/l	97
52) Toluene	8.77	92	294163	49.456	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	191925	50.541	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	198764	49.451	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	123483	52.215	ug/l	97
56) Ethyl methacrylate	9.16	69	191811	49.801	ug/l	95
57) 1,3-Dichloropropane	9.35	76	202553	49.899	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	485261	241.380	ug/l	95
59) 2-Hexanone	9.48	43	666152	231.935	ug/l	97
60) Dibromochloromethane	9.57	129	145863	54.807	ug/l	100
61) 1,2-Dibromoethane	9.65	107	132025	52.133	ug/l	100
64) Tetrachloroethene	9.32	164	123668	34.637	ug/l	98
65) Chlorobenzene	10.12	112	324975	49.948	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	132307	53.272	ug/l	98
67) Ethyl Benzene	10.24	91	562199	48.533	ug/l	100
68) m/p-Xylenes	10.34	106	429308	99.956	ug/l	99
69) o-Xylene	10.68	106	204509	49.167	ug/l	99
70) Styrene	10.69	104	367726	51.433	ug/l	100
71) Bromoform	10.84	173	117732	56.090	ug/l #	100
73) Isopropylbenzene	11.01	105	556174	47.434	ug/l	100
74) N-amyl acetate	10.88	43	226236	41.948	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	177804	60.507	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	174956m	47.036	ug/l	
77) Bromobenzene	11.24	156	150104	48.810	ug/l	94
78) n-propylbenzene	11.35	91	611864	46.709	ug/l	99
79) 2-Chlorotoluene	11.40	91	378345	47.317	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	480477	49.077	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	66948	44.274	ug/l	97
82) 4-Chlorotoluene	11.49	91	453336	48.011	ug/l	99
83) tert-Butylbenzene	11.76	119	455006	54.391	ug/l	94
84) 1,2,4-Trimethylbenzene	11.79	105	484397	48.923	ug/l	100
85) sec-Butylbenzene	11.93	105	515471	49.120	ug/l	100
86) p-Isopropyltoluene	12.05	119	493508	50.203	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	261853	49.147	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	269778	49.509	ug/l	99
89) n-Butylbenzene	12.37	91	401193	48.998	ug/l	99
90) Hexachloroethane	12.58	117	86396	50.882	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	252944	49.002	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	46444	48.795	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	182386	53.201	ug/l	98
94) Hexachlorobutadiene	13.77	225	74229	55.148	ug/l	99
95) Naphthalene	13.82	128	611996	52.074	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	180219	53.659	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 219115

Ion Ratio Lower Upper

168 100

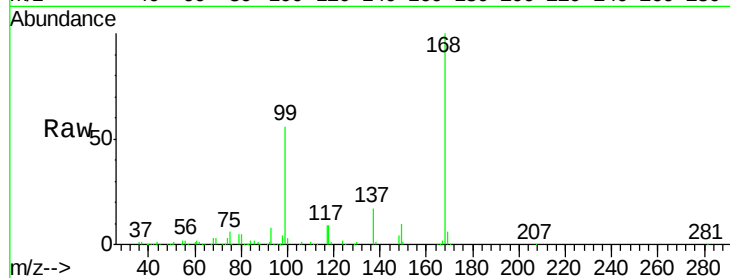
99 55.7 45.2 67.8

Manual Integrations

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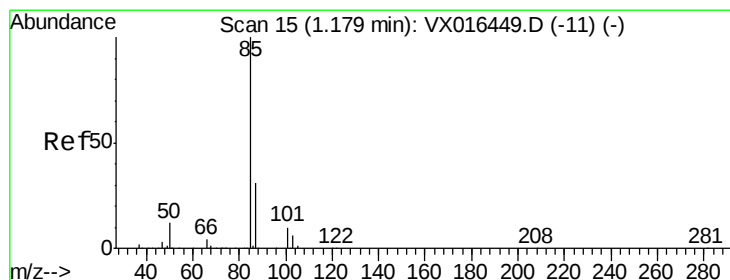
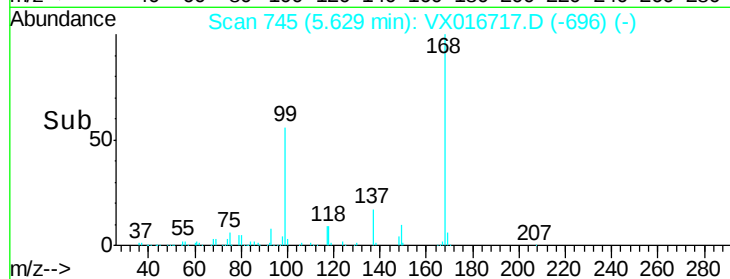
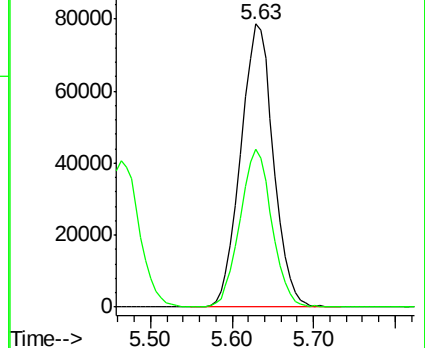
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 40.489 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.00 min

Lab File: VX016717.D

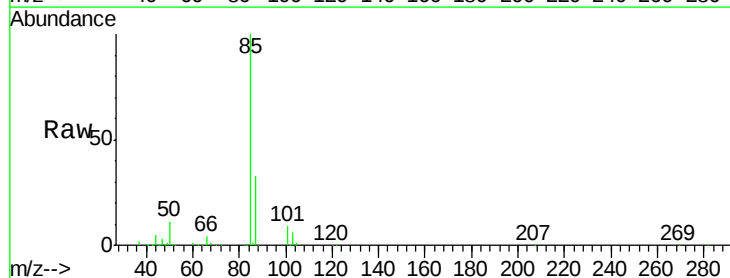
Acq: 11 Jun 2020 20:06

Tgt Ion: 85 Resp: 87307

Ion Ratio Lower Upper

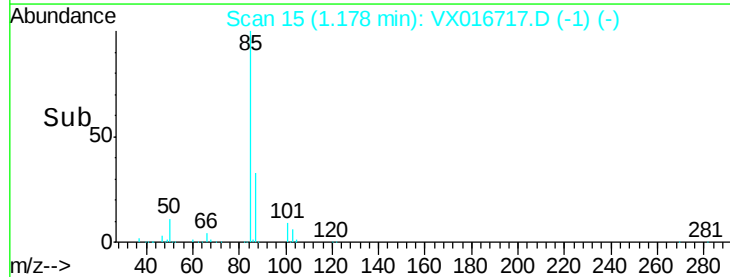
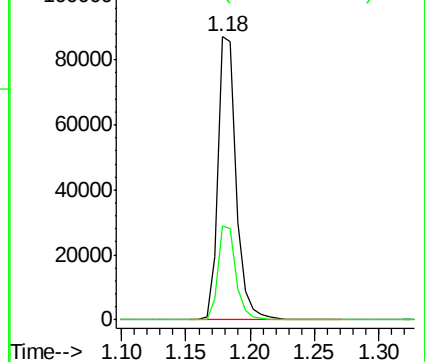
85 100

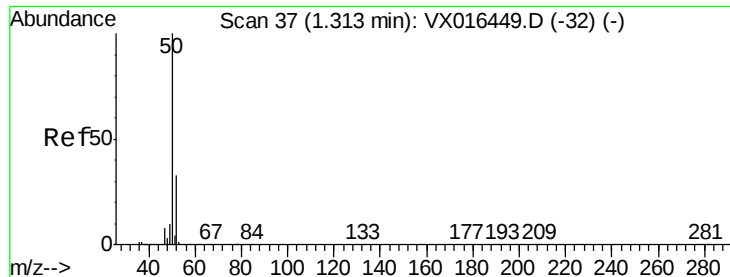
87 33.2 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 36.122 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 94127

Ion Ratio Lower Upper

50 100

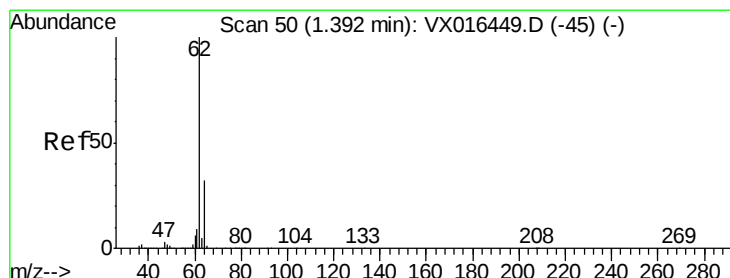
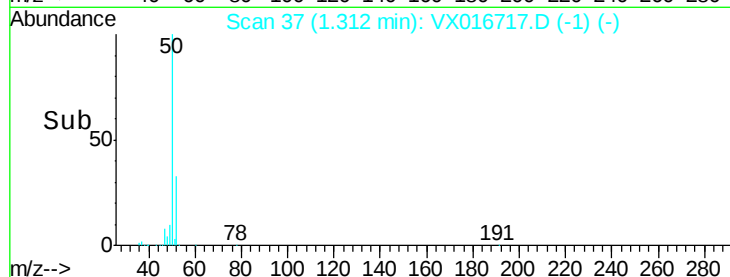
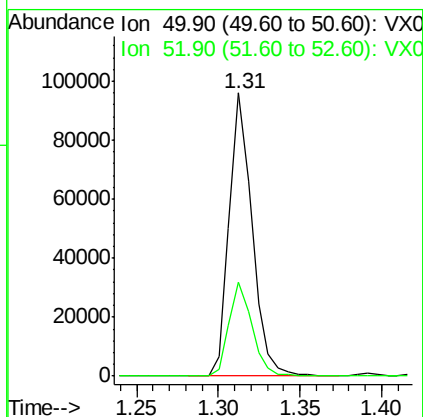
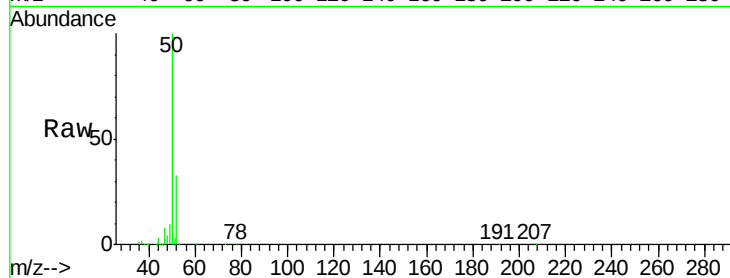
52 33.2 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 41.696 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016717.D

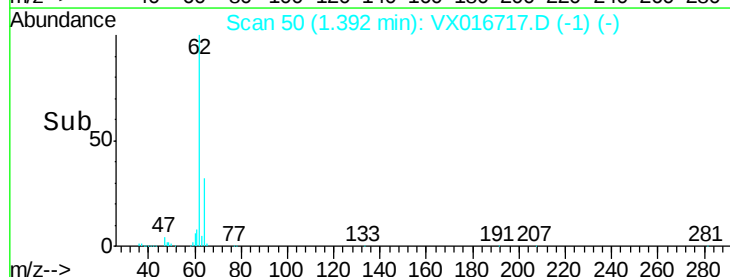
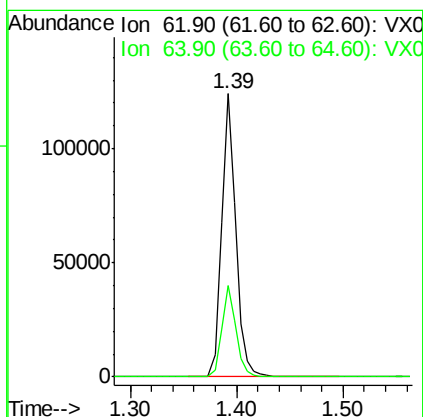
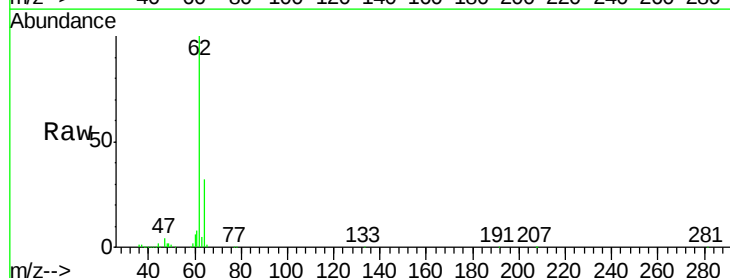
Acq: 11 Jun 2020 20:06

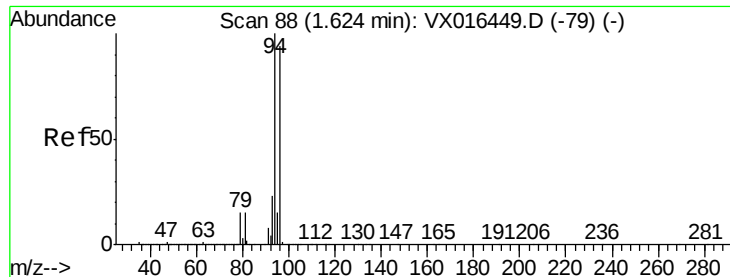
Tgt Ion: 62 Resp: 114904

Ion Ratio Lower Upper

62 100

64 32.1 25.9 38.9





#5

Bromomethane

Concen: 43.048 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 57680

Ion Ratio Lower Upper

94 100

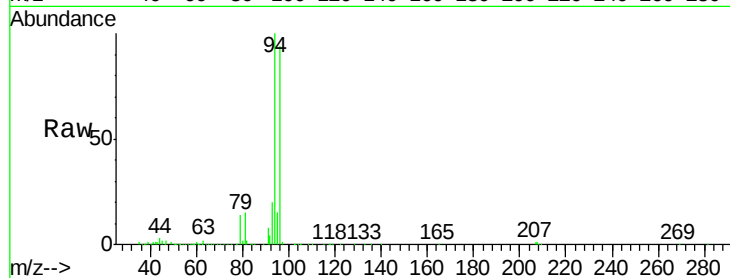
96 93.6 75.1 112.7

Manual Integrations

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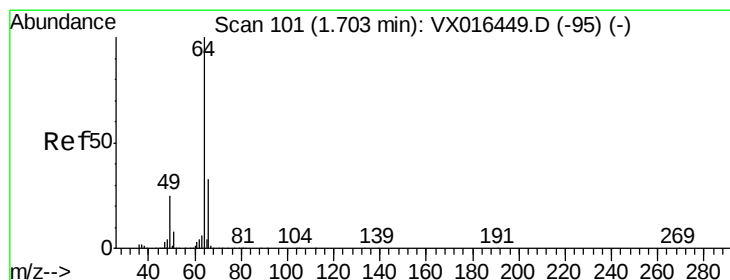
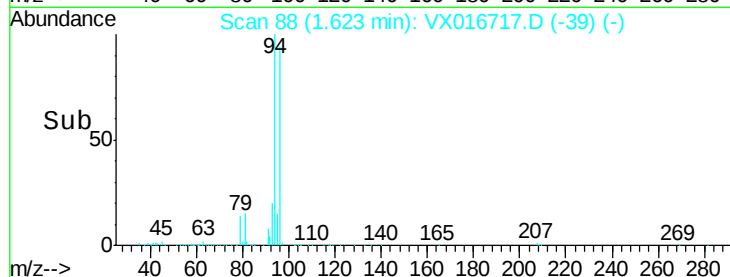
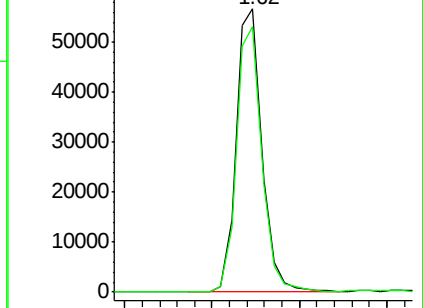
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 46.242 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016717.D

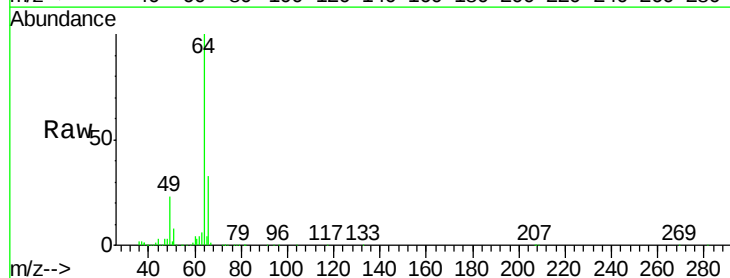
Acq: 11 Jun 2020 20:06

Tgt Ion: 64 Resp: 74335

Ion Ratio Lower Upper

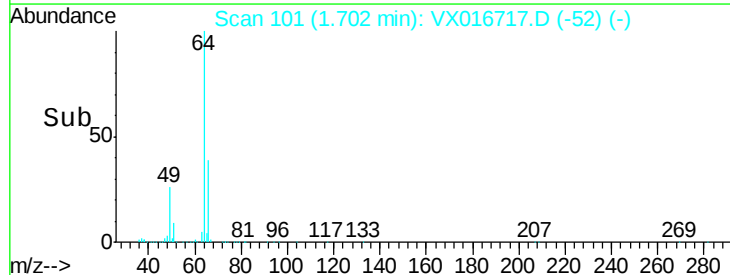
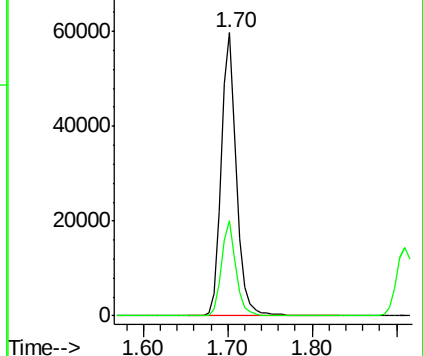
64 100

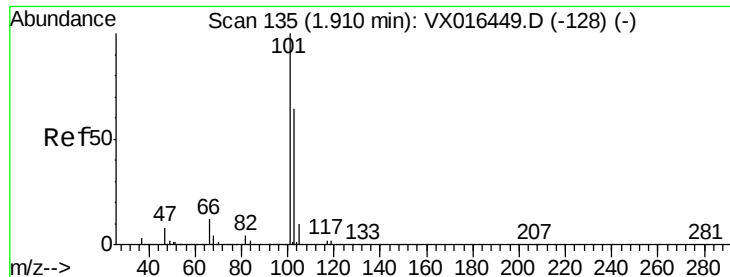
66 33.5 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

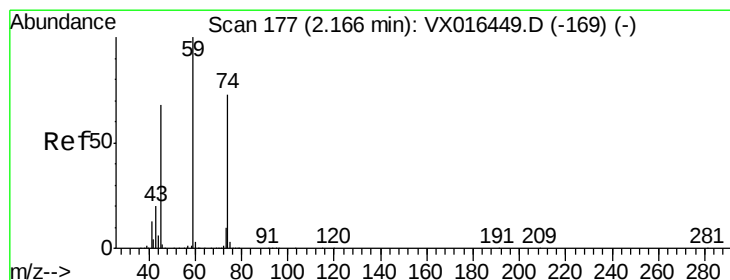
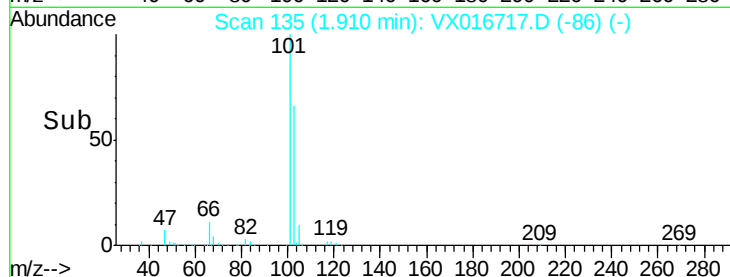
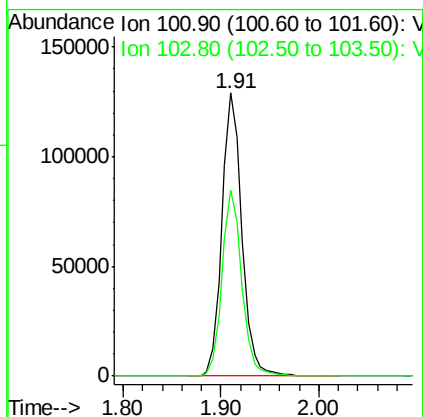
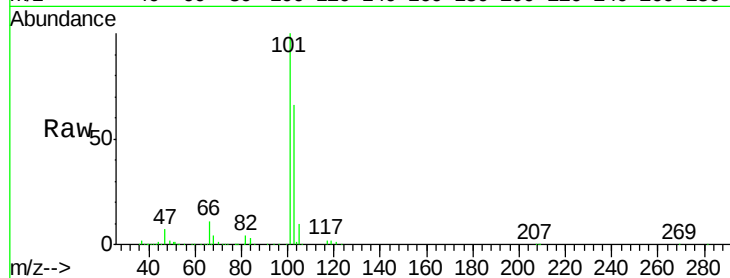
Trichlorofluoromethane
Concen: 50.471 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

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VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.9	50.9	76.3

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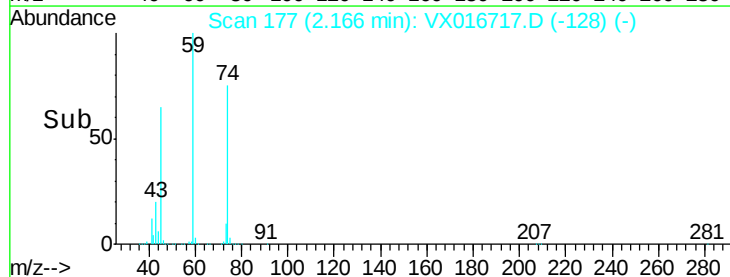
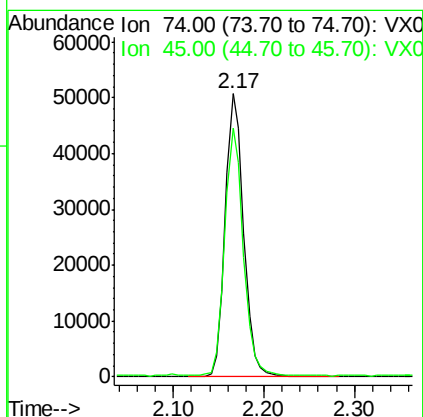
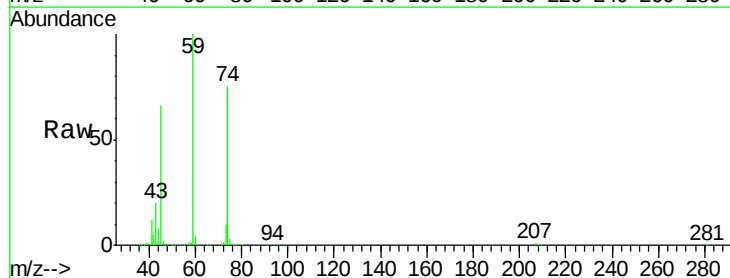
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6/12/2020 5:45:34 PM



#8

Diethyl Ether
Concen: 47.574 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.2	47.5	142.5





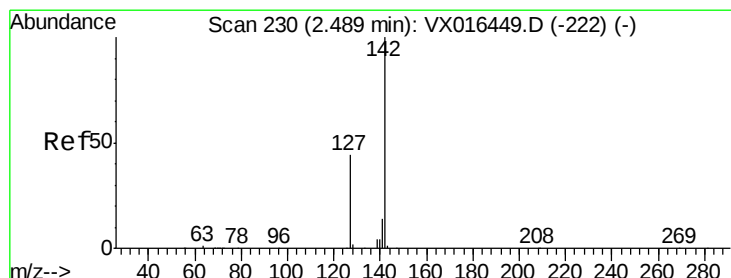
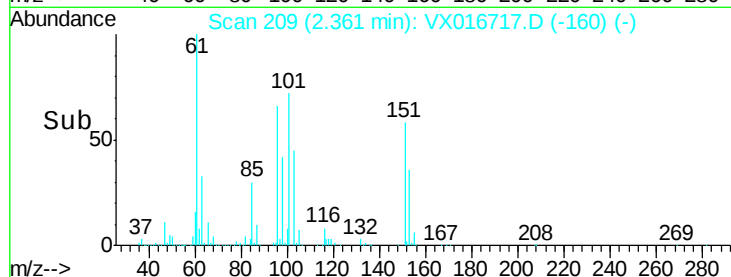
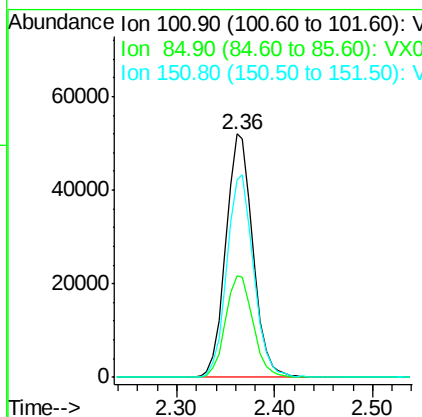
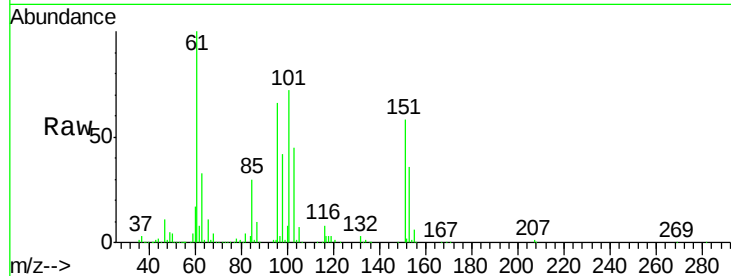
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.981 ug/l
 RT: 2.36 min Scan# 209
 Delta R.T. -0.00 min
 Lab File: VX016717.D
 Acq: 11 Jun 2020 20:06

Instrument :
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 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
101	100	99553		
85	42.4		34.4	51.6
151	82.4		63.8	95.6

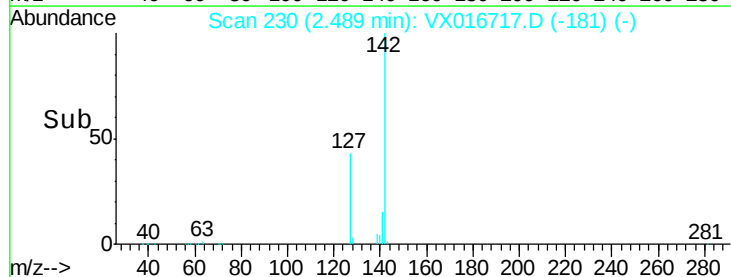
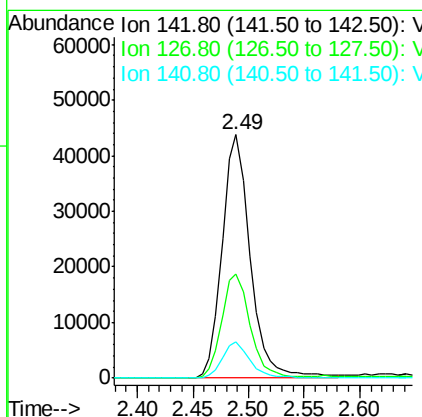
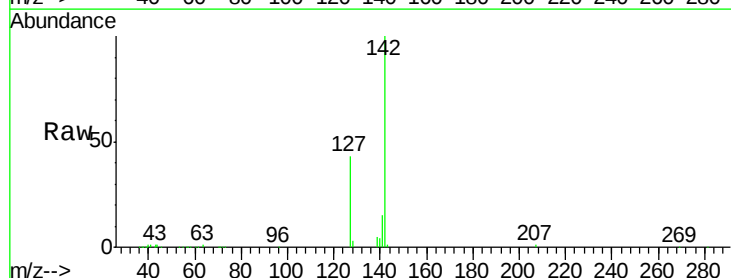
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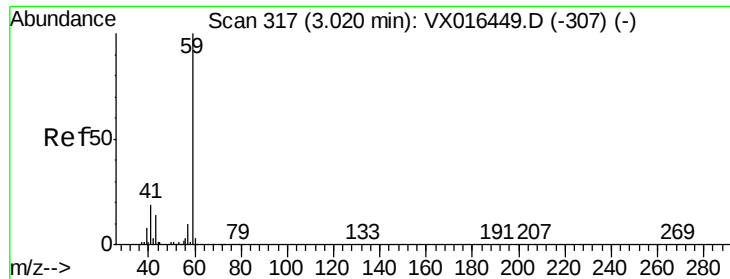
MMDadoda
 6/12/2020 5:45:34 PM



#10
 Methyl Iodide
 Concen: 33.441 ug/l
 RT: 2.49 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VX016717.D
 Acq: 11 Jun 2020 20:06

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	77015		
127	43.8		35.3	52.9
141	14.9		11.4	17.2





#11

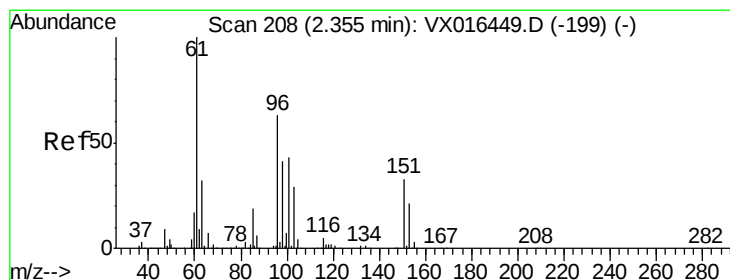
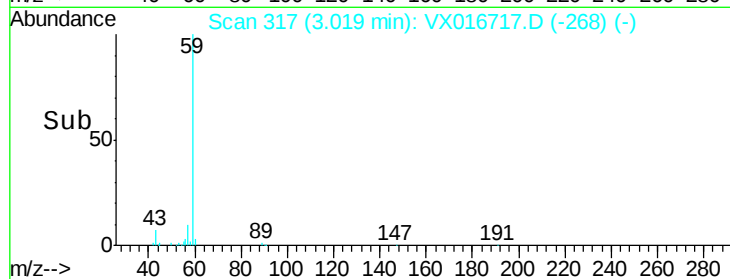
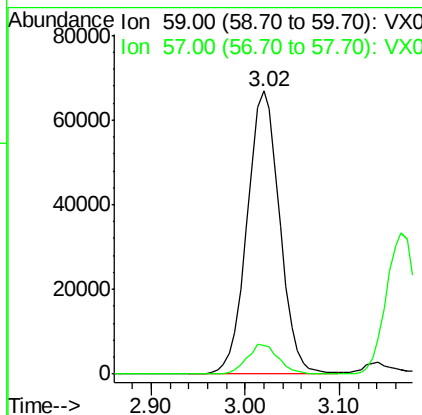
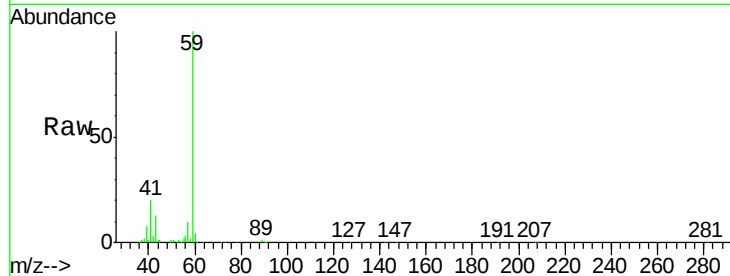
Tert butyl alcohol
Concen: 233.304 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.4

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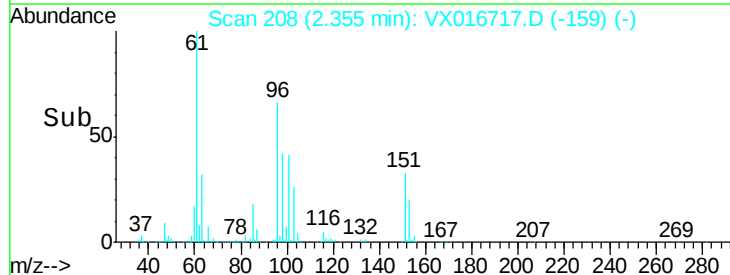
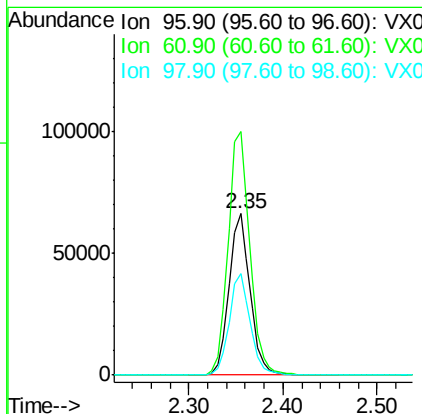
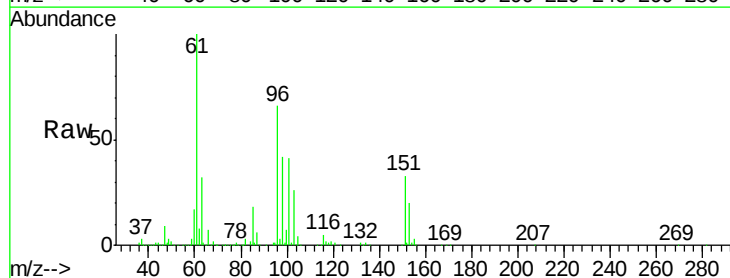
MMDadoda
6/12/2020 5:45:34 PM

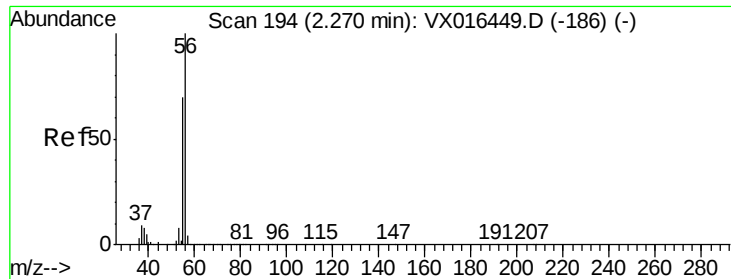


#12

1,1-Dichloroethene
Concen: 48.828 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.0	126.6	189.8
98	62.9	51.3	76.9





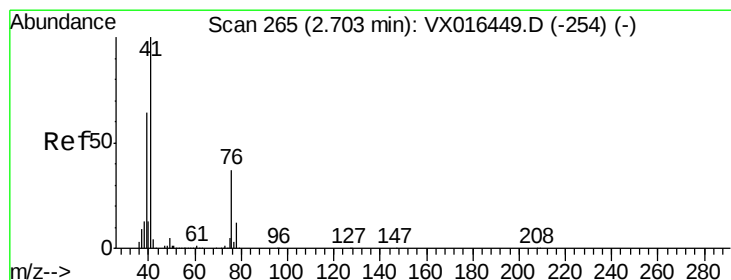
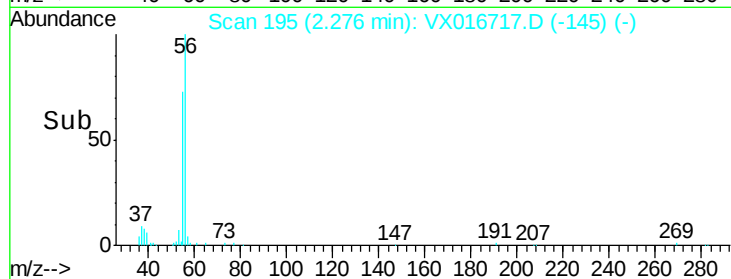
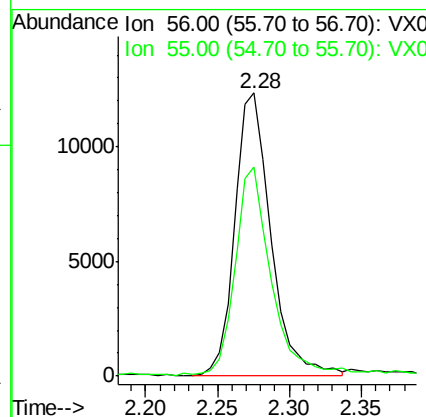
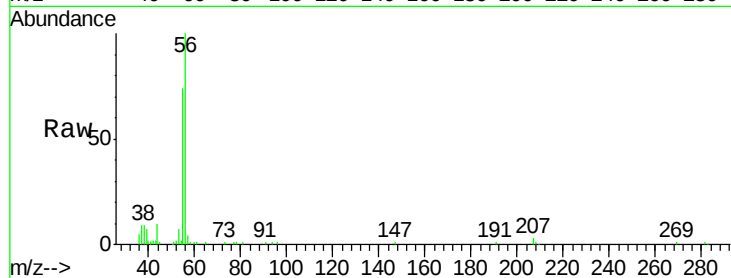
#13
Acrolein
Concen: 72.931 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	74.8	58.3	87.5

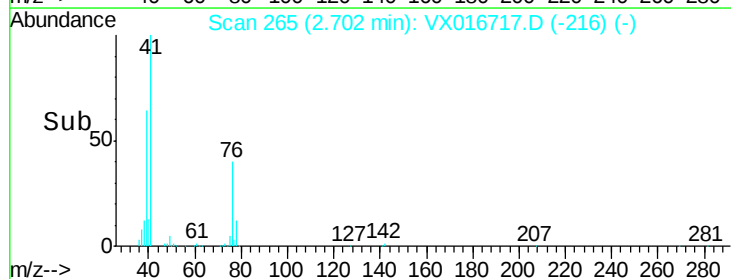
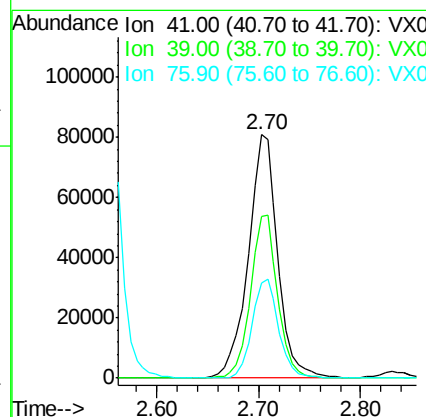
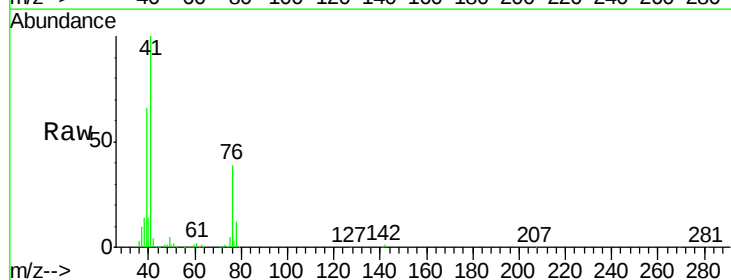
Manual Integrations
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#14
Allyl chloride
Concen: 41.898 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Tgt Ion	Ratio	Lower	Upper
41	100		
39	61.9	47.7	71.5
76	36.8	26.6	40.0





#15

Acrylonitrile

Concen: 229.232 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

Instrument :

MSVOA_X

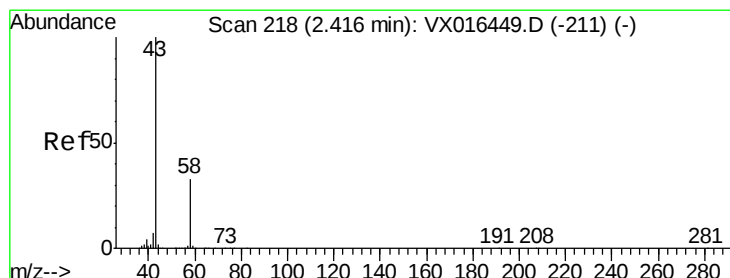
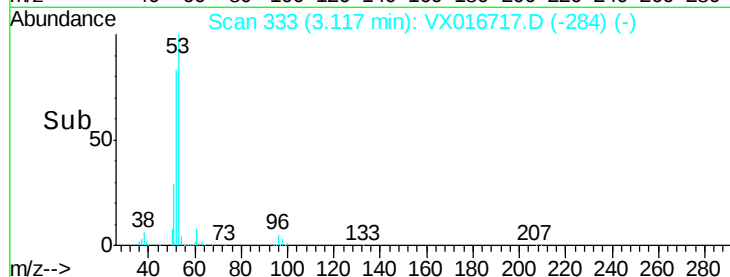
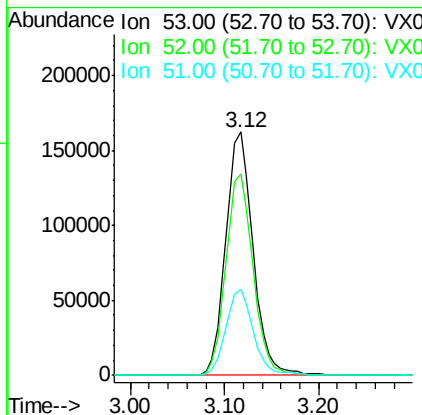
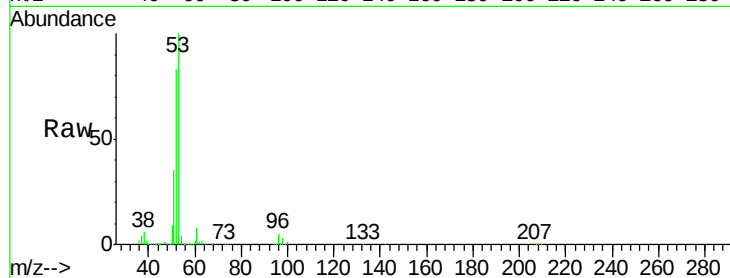
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	327655
Ion Ratio	Lower	Upper	
53	100		
52	82.6	66.7	100.1
51	35.8	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 246.511 ug/l

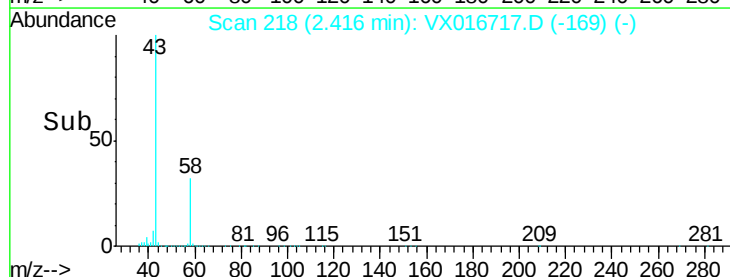
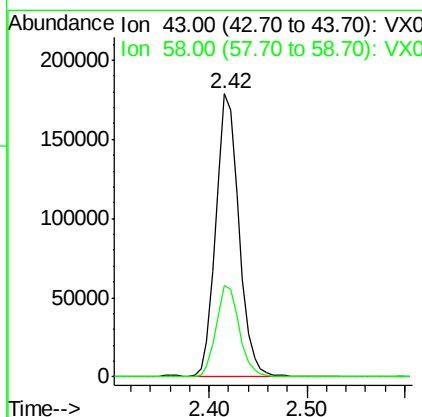
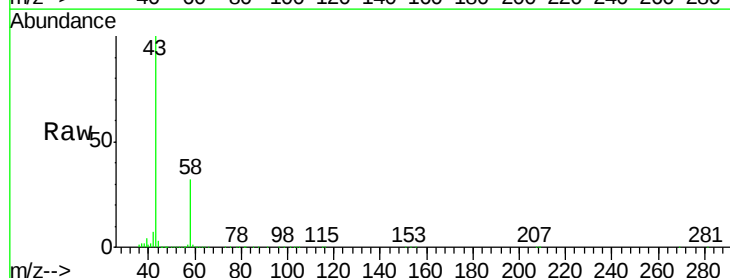
RT: 2.42 min Scan# 218

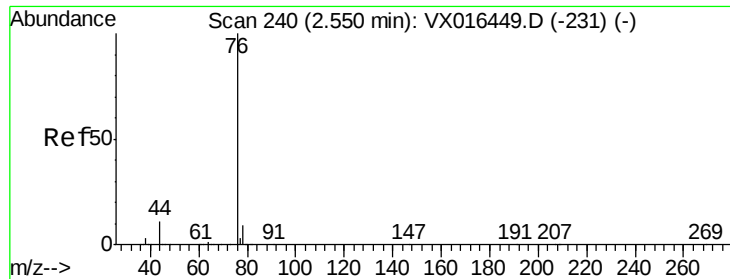
Delta R.T. -0.00 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

Tgt Ion:	43	Resp:	293887
Ion Ratio	Lower	Upper	
43	100		
58	32.4	26.1	39.1





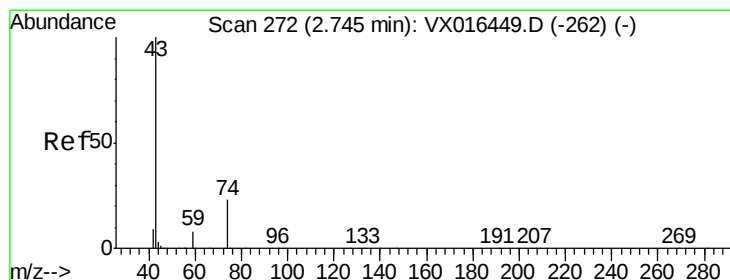
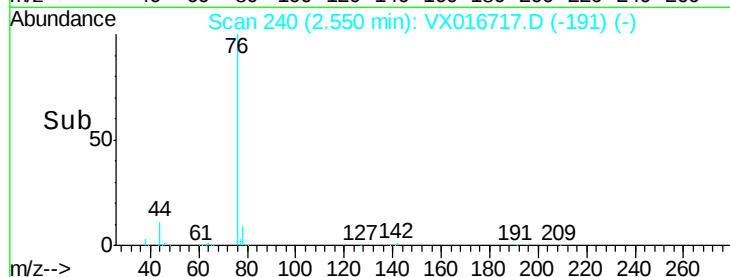
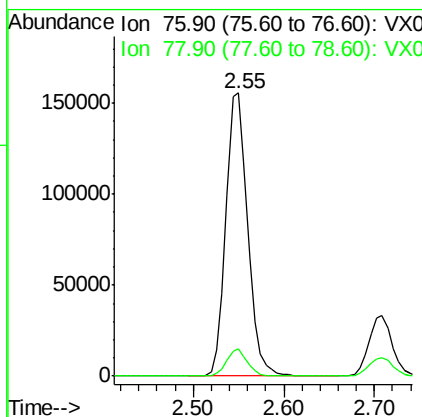
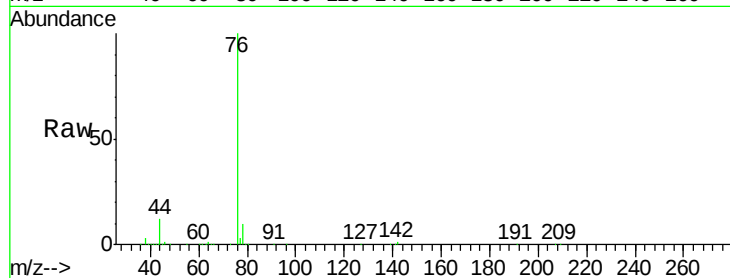
#17
Carbon Disulfide
Concen: 41.586 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.4	11.0

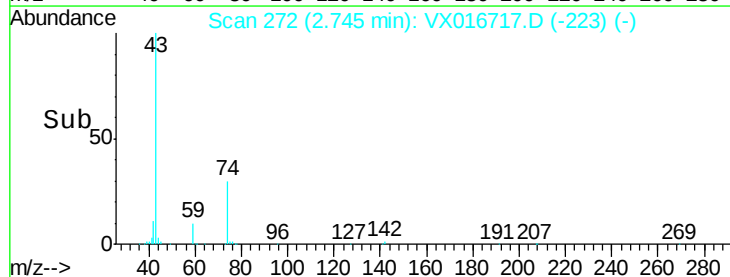
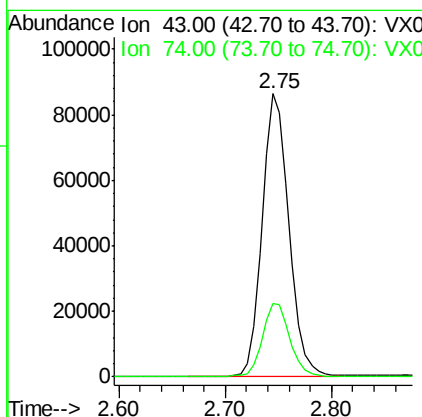
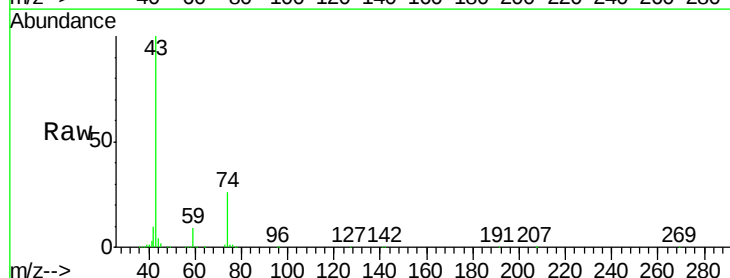
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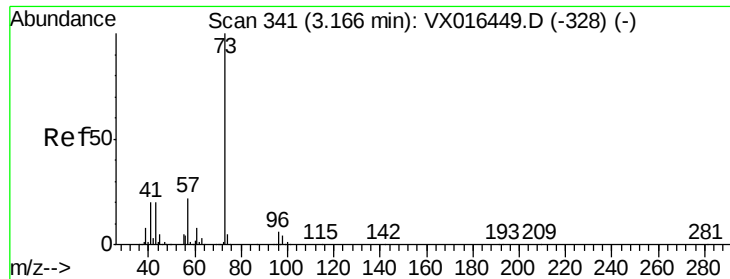
MMDadoda
6/12/2020 5:45:34 PM



#18
Methyl Acetate
Concen: 49.747 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.0	19.7	29.5





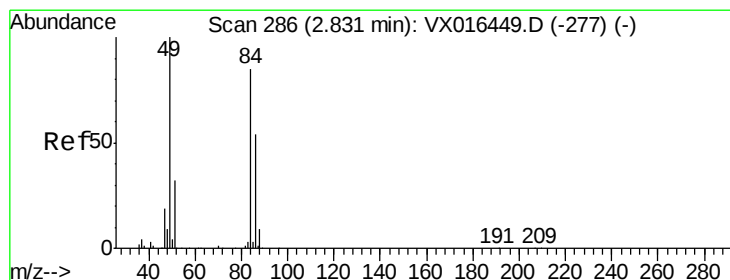
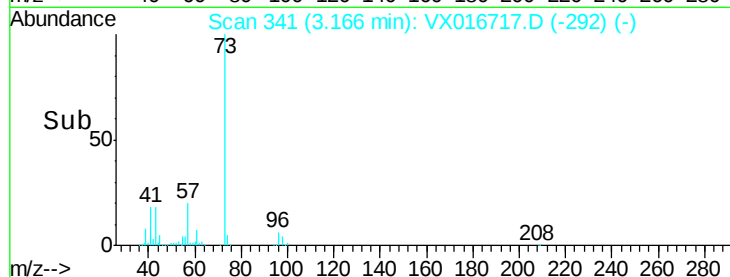
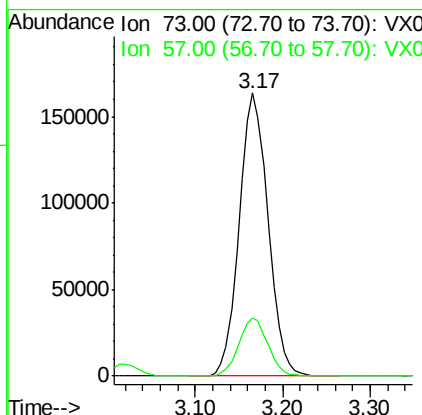
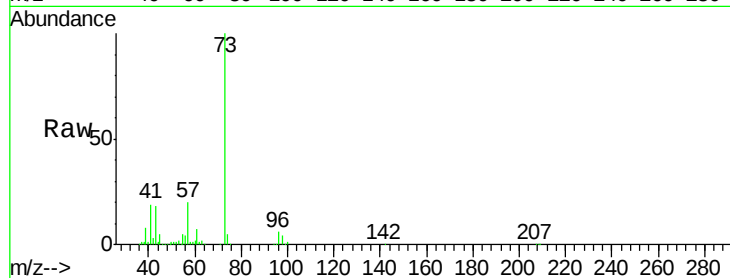
#19
Methyl tert-butyl Ether
Concen: 49.393 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.4	17.8	26.6

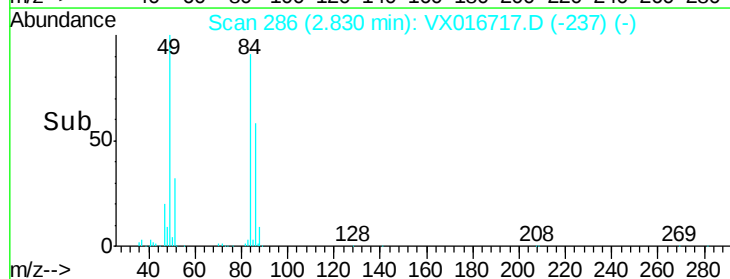
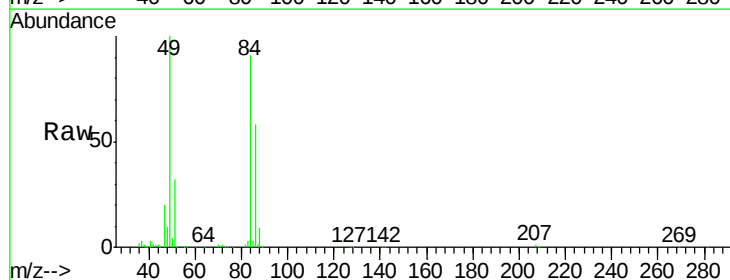
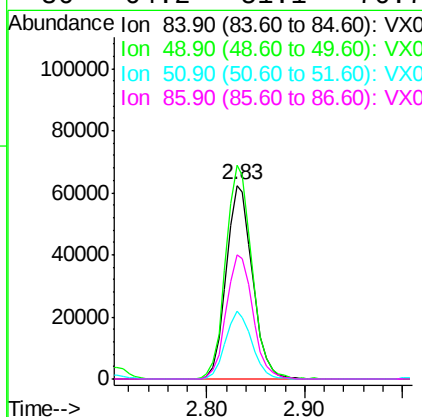
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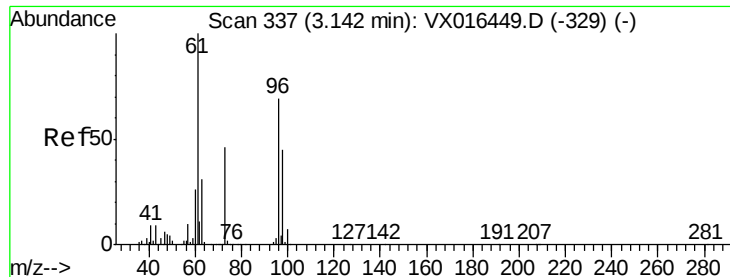
MMDadoda
6/12/2020 5:45:34 PM



#20
Methylene Chloride
Concen: 47.032 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Tgt Ion	Ratio	Lower	Upper
84	100		
49	110.2	94.5	141.7
51	34.8	30.2	45.4
86	64.2	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 46.928 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

Instrument :

MSVOA_X

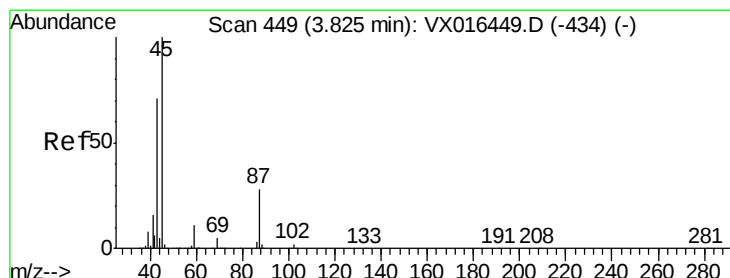
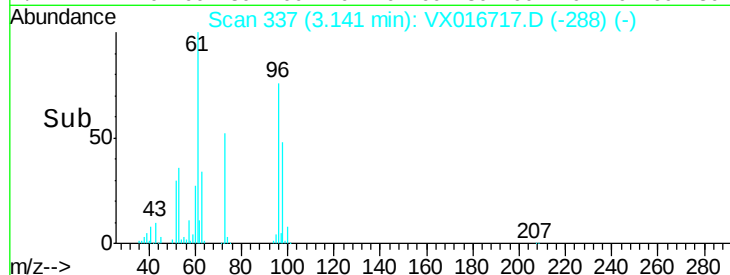
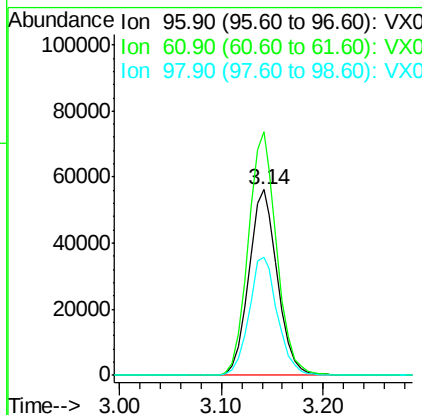
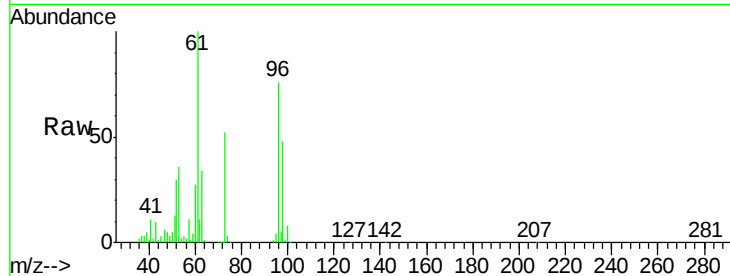
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	109439
Ion	Ratio	Lower	Upper
96	100		
61	131.0	115.3	172.9
98	63.4	51.9	77.9

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#22

Diisopropyl ether

Concen: 44.162 ug/l

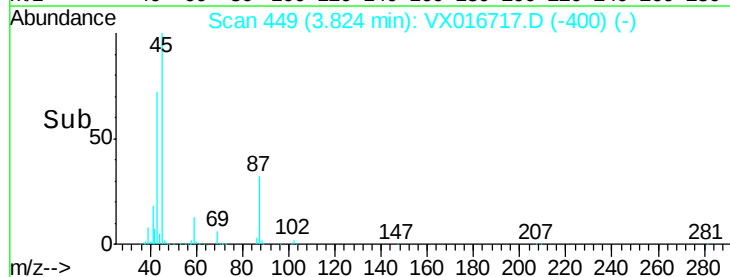
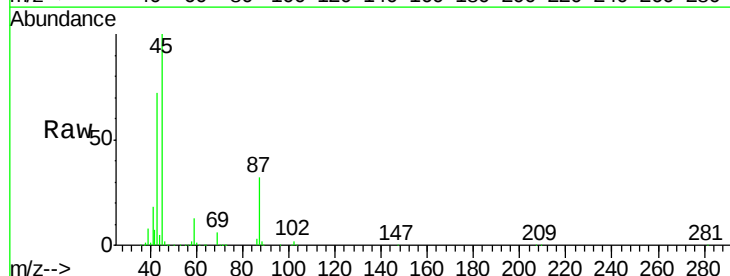
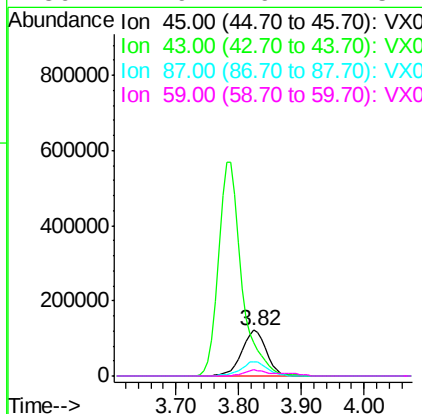
RT: 3.82 min Scan# 449

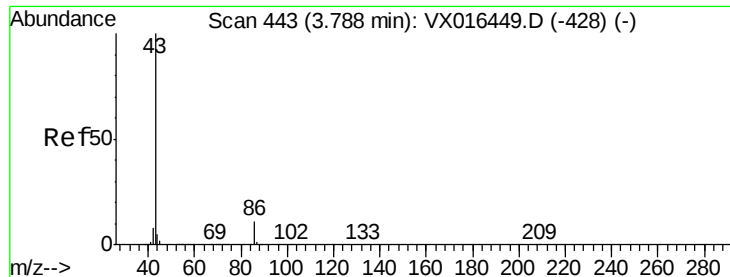
Delta R.T. -0.00 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

Tgt Ion:	45	Resp:	328945
Ion	Ratio	Lower	Upper
45	100		
43	72.1	57.0	85.6
87	32.2	22.5	33.7
59	12.9	9.1	13.7





#23

Vinyl Acetate

Concen: 222.973 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1453735

Ion Ratio Lower Upper

43 100

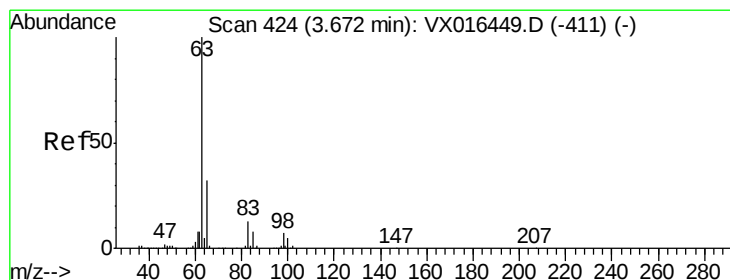
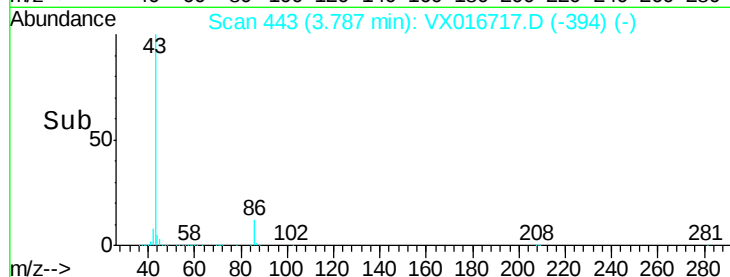
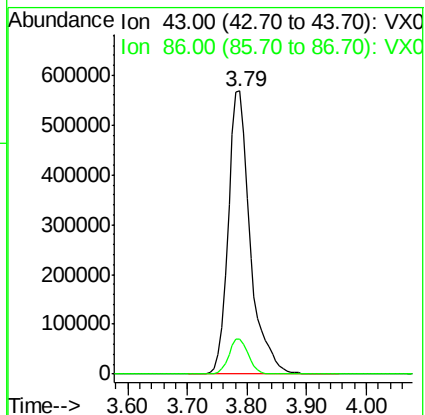
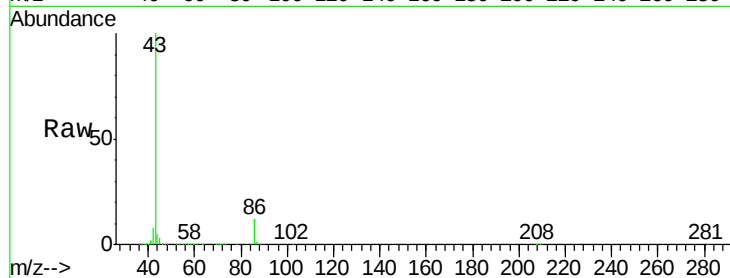
86 12.4 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 47.136 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

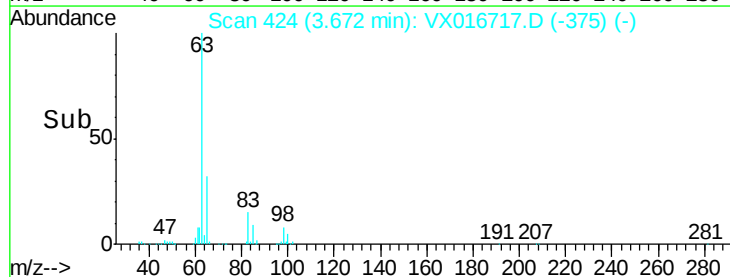
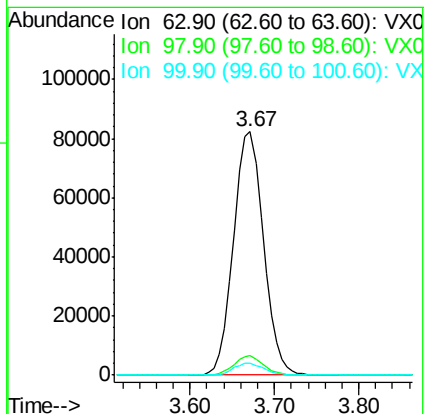
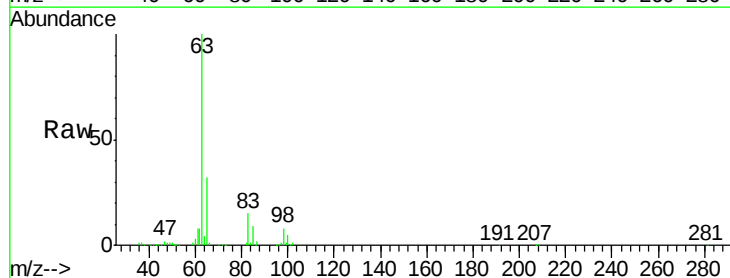
Tgt Ion: 63 Resp: 198164

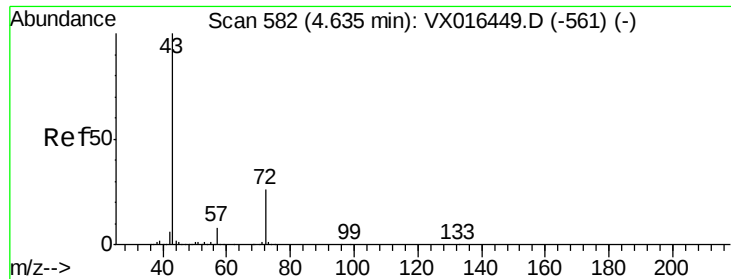
Ion Ratio Lower Upper

63 100

98 7.9 3.6 10.9

100 4.7 2.4 7.1





#25

2-Butanone

Concen: 220.045 ug/l

RT: 4.63 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 444515

Ion Ratio Lower Upper

43 100

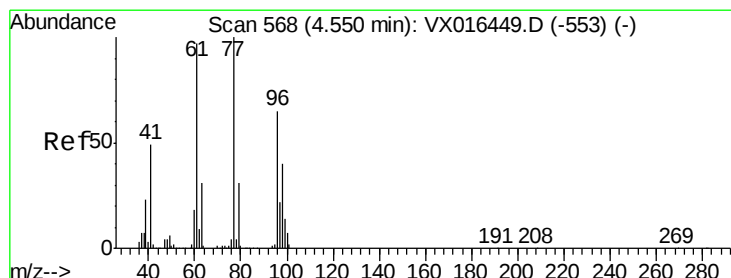
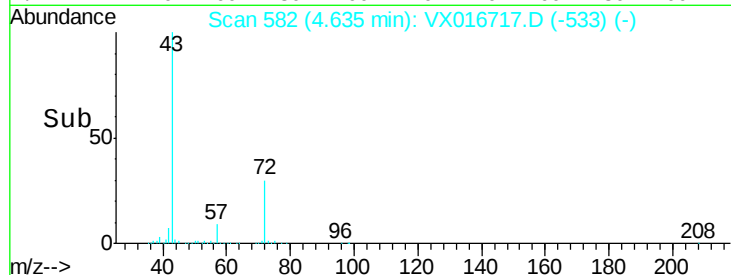
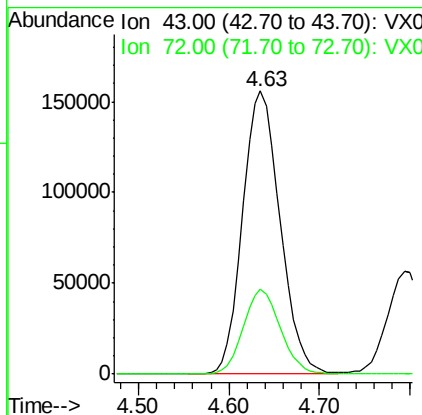
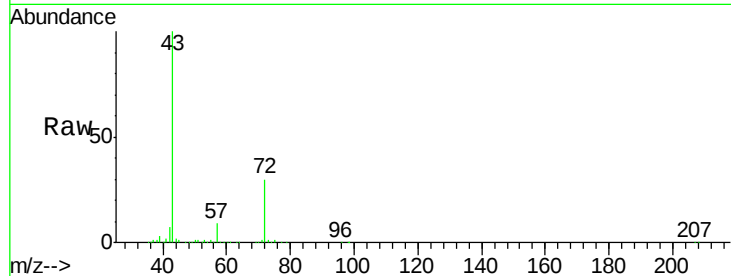
72 29.8 21.0 31.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.285 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016717.D

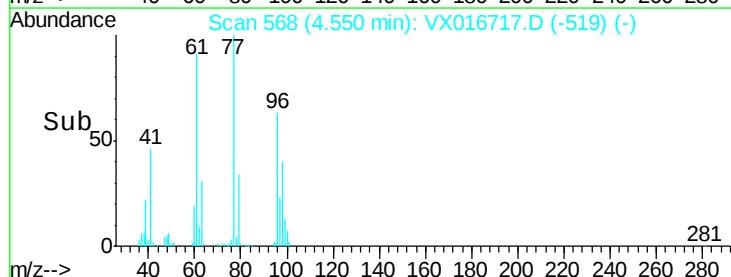
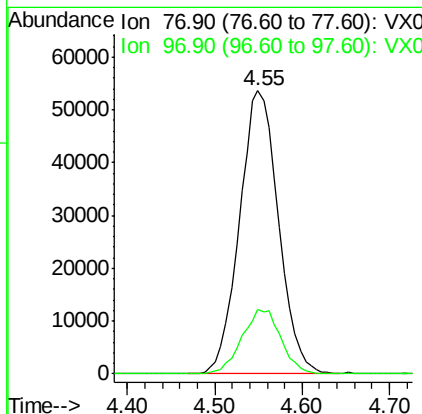
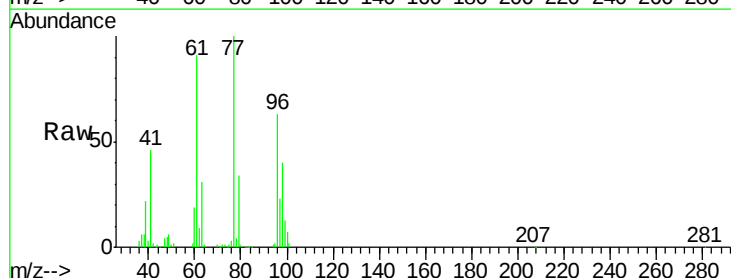
Acq: 11 Jun 2020 20:06

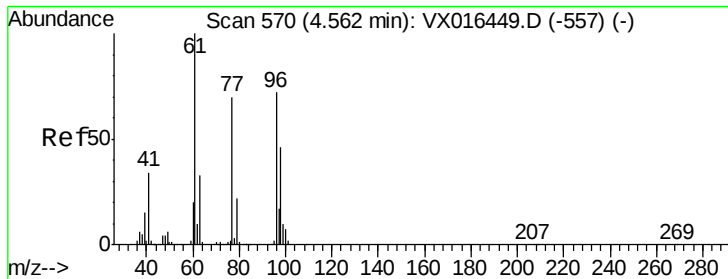
Tgt Ion: 77 Resp: 166108

Ion Ratio Lower Upper

77 100

97 22.9 11.5 34.4





#27

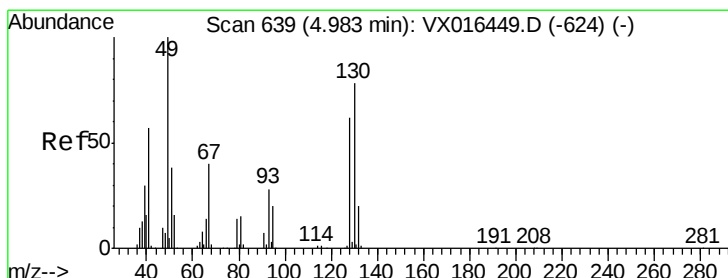
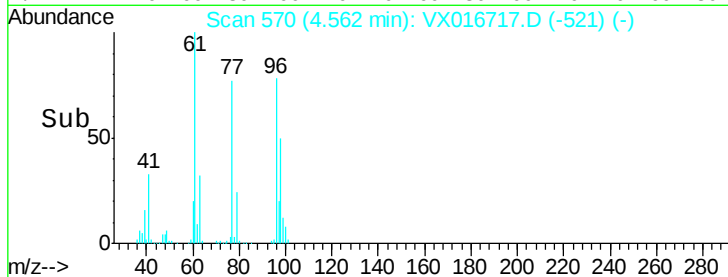
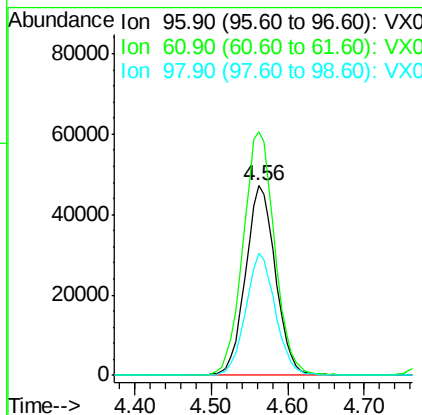
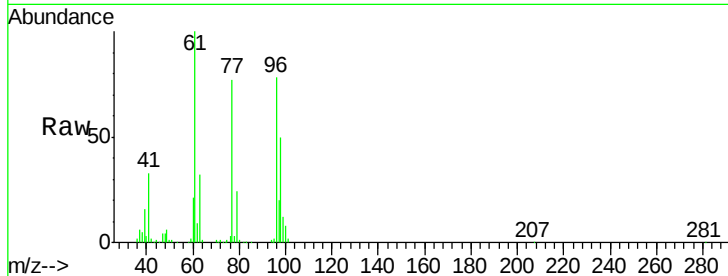
cis-1,2-Dichloroethene
Concen: 47.704 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	135.2	0.0	284.6	
98	63.4	0.0	127.2	

Manual Integrations
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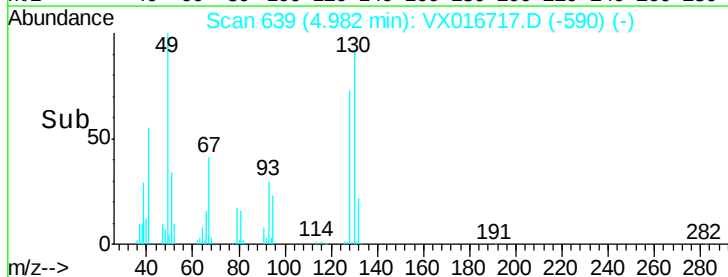
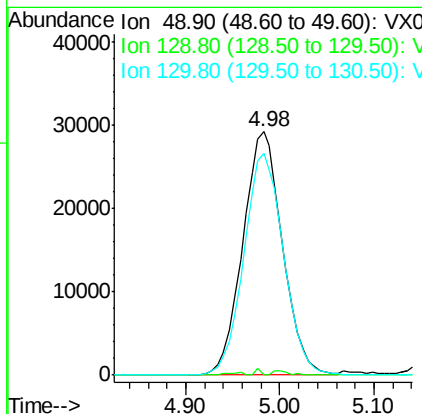
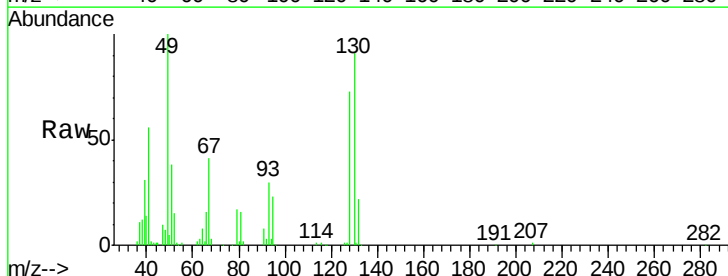
MMDadoda
6/12/2020 5:45:34 PM



#28

Bromochloromethane
Concen: 44.159 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	0.3	0.0	4.0	
130	91.2	63.0	94.4	





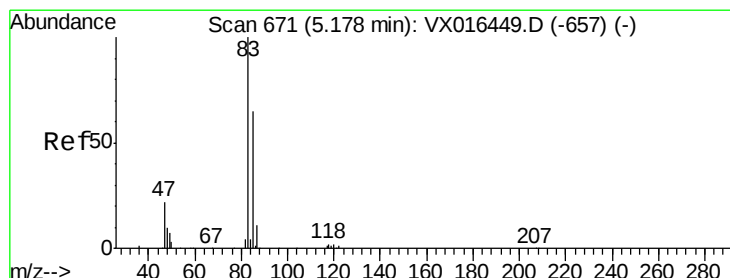
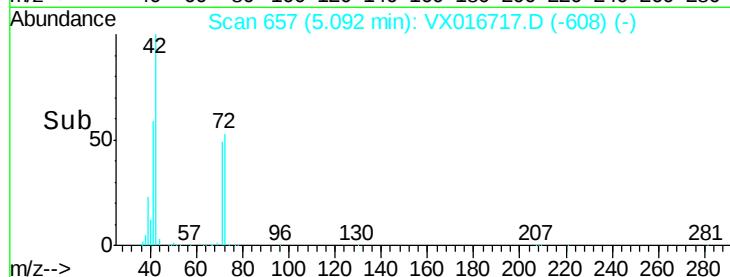
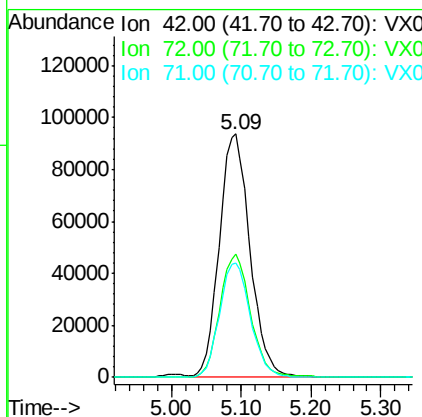
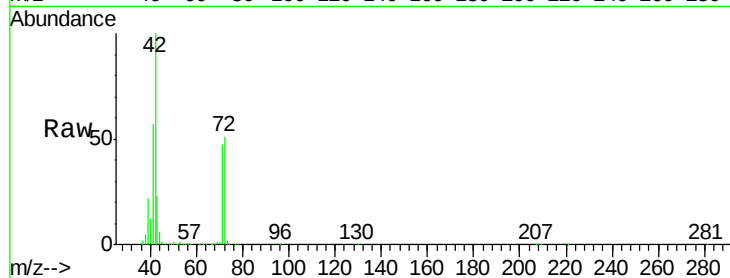
#29
Tetrahydrofuran
Concen: 217.404 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.2	37.0	55.4
71	47.6	34.1	51.1

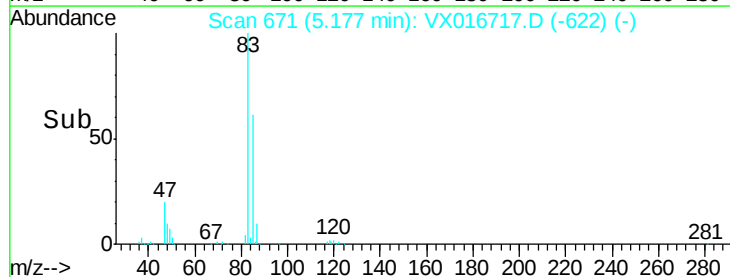
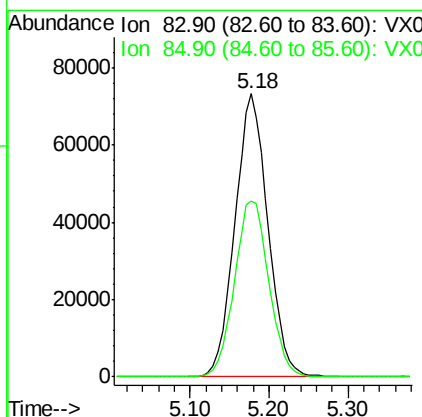
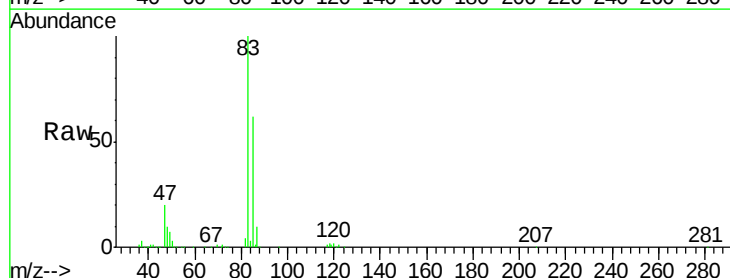
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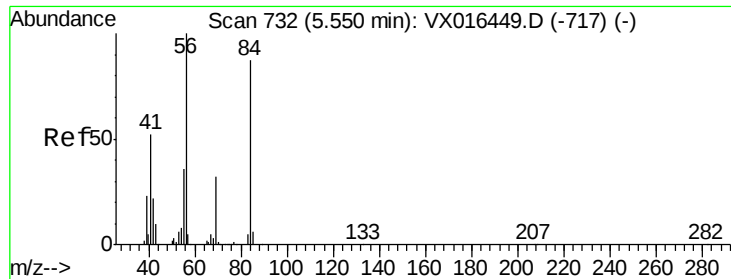
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#30
Chloroform
Concen: 50.133 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.0	52.0	78.0





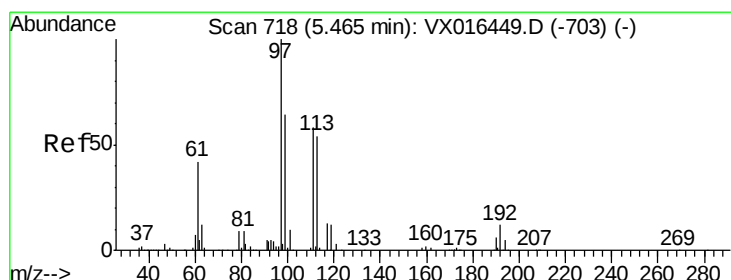
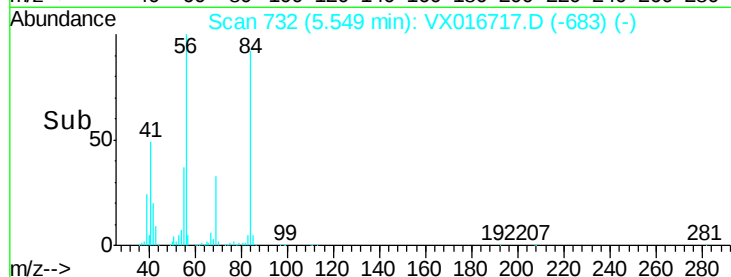
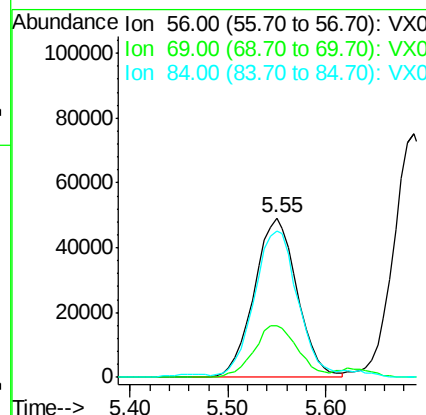
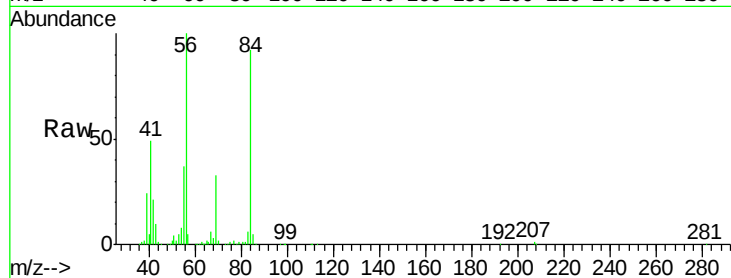
#31
Cyclohexane
Concen: 39.816 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.4	25.7	38.5
84	89.9	70.0	105.0

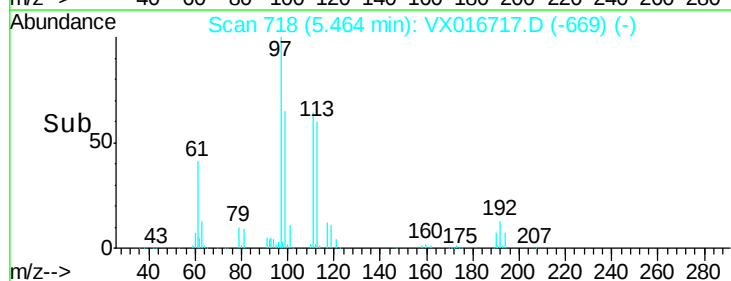
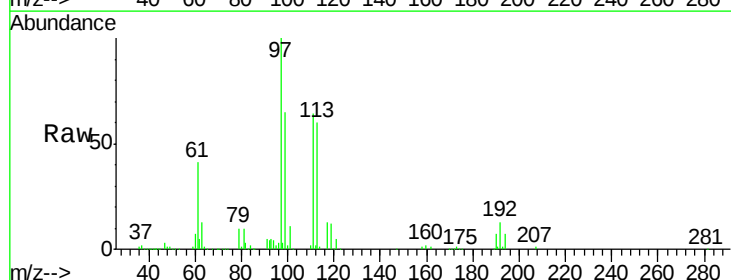
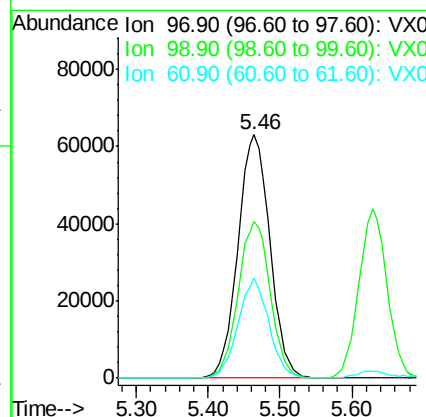
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#32
1,1,1-Trichloroethane
Concen: 50.620 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.4	77.2
61	39.6	33.5	50.3





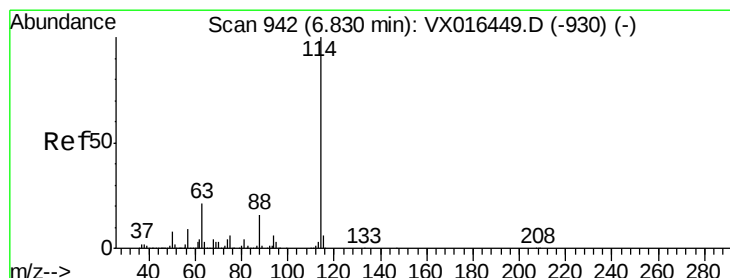
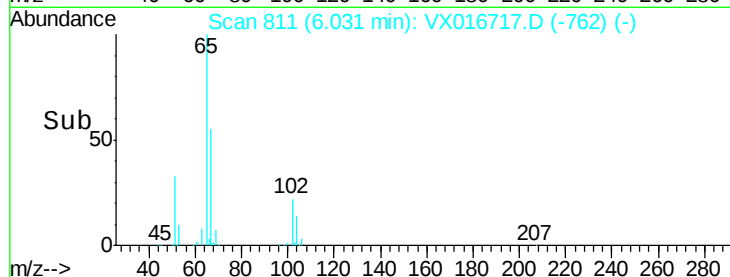
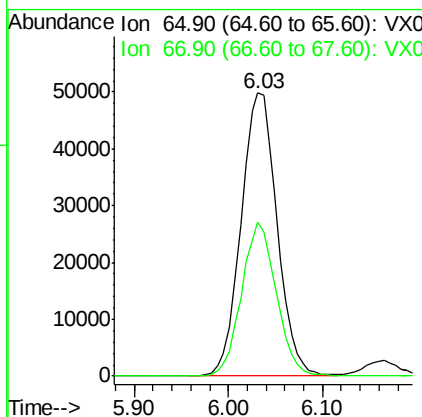
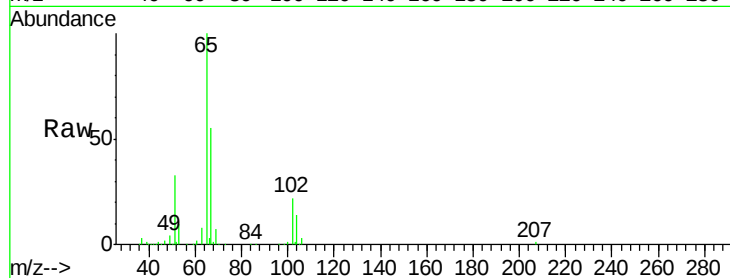
#33
 1,2-Dichloroethane-d4
 Concen: 49.040 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016717.D
 Acq: 11 Jun 2020 20:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	104.8

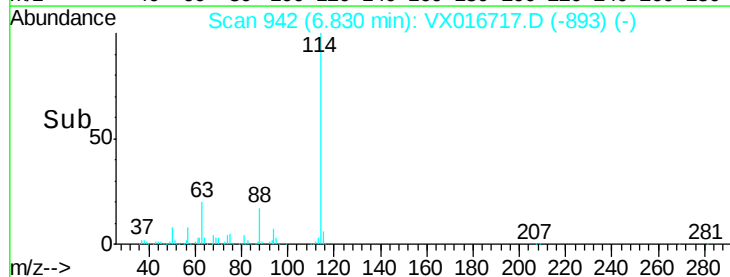
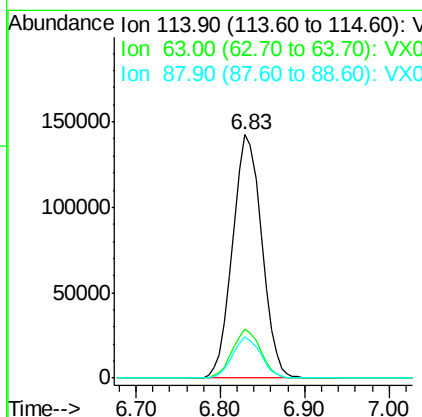
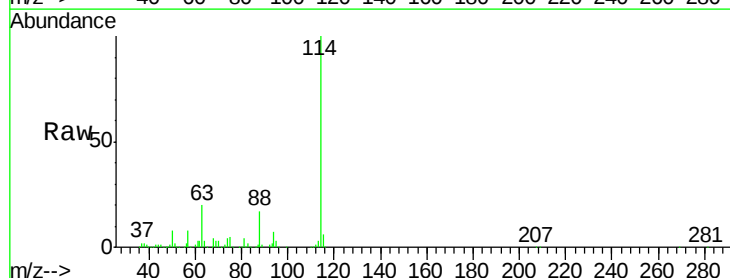
Manual Integrations
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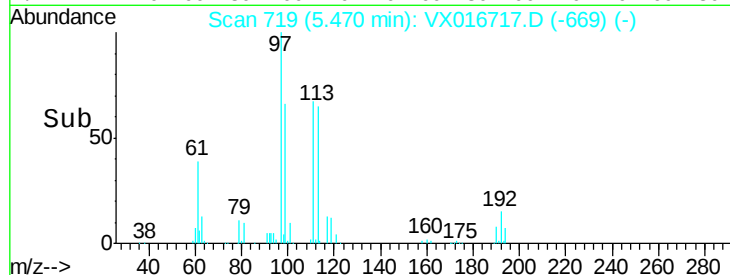
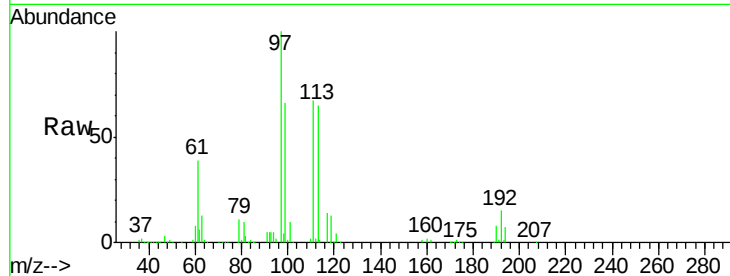
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016717.D
 Acq: 11 Jun 2020 20:06

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	42.6
88	17.2	0.0	32.8





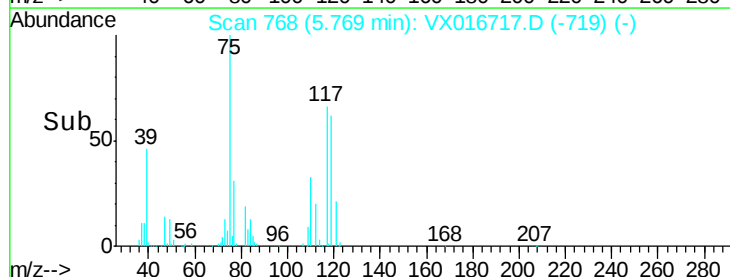
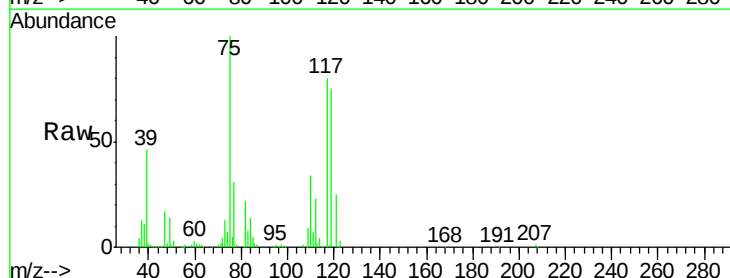
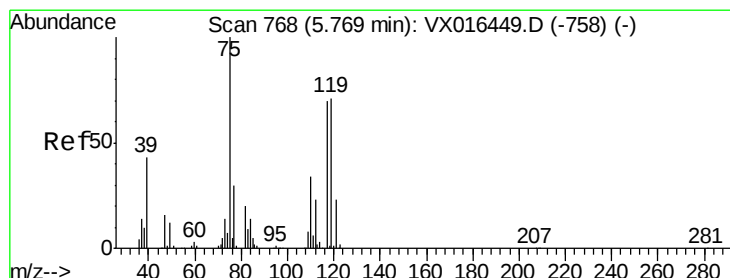
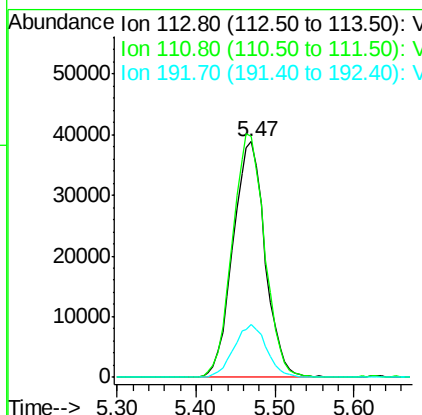
#35
Dibromofluoromethane
Concen: 53.454 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Tot Ion	Ratio	Resp	Lower	Upper
113	100	110107		
111	103.6	83.0	124.6	
192	22.7	17.7	26.5	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

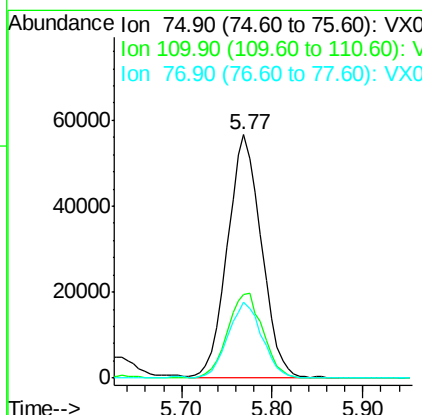
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#36
1,1-Dichloropropene
Concen: 46.402 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	146973		
110	36.4	17.4	52.3	
77	31.6	24.2	36.4	





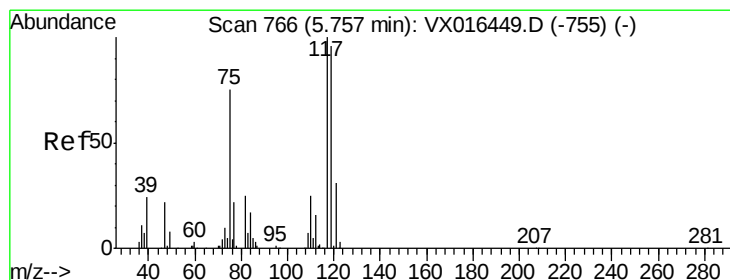
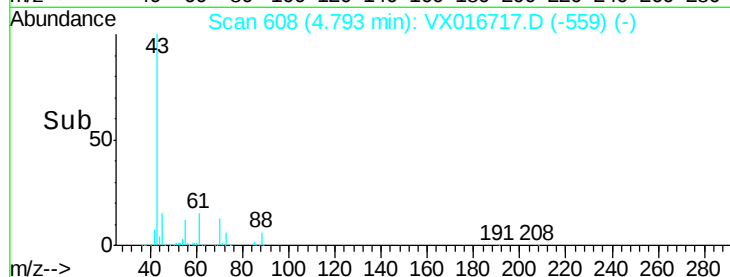
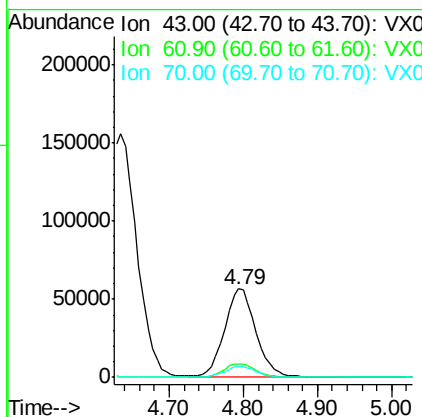
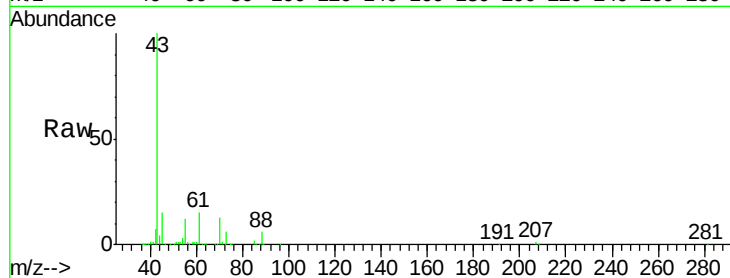
#37
Ethyl Acetate
Concen: 43.290 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.7	11.3	16.9
70	12.8	9.3	13.9

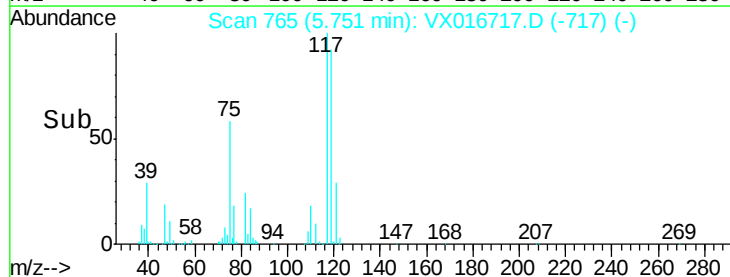
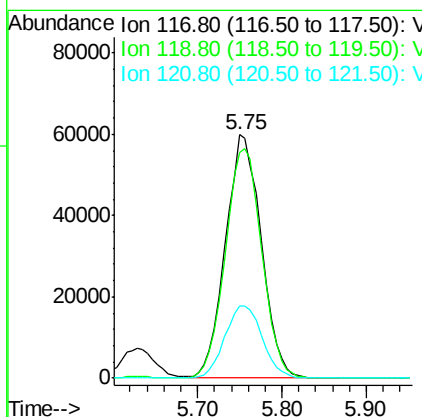
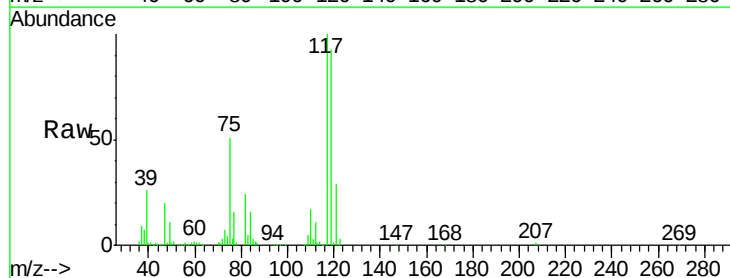
Manual Integrations
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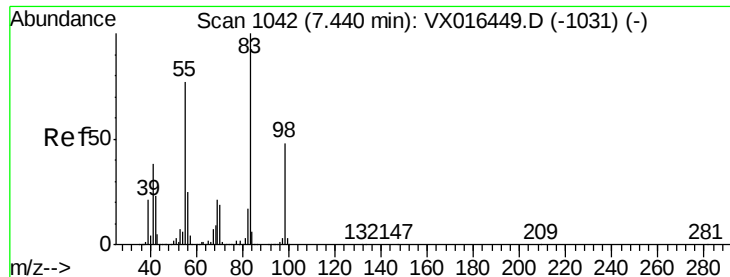
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#38
Carbon Tetrachloride
Concen: 51.909 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.7	76.3	114.5
121	29.5	24.6	37.0





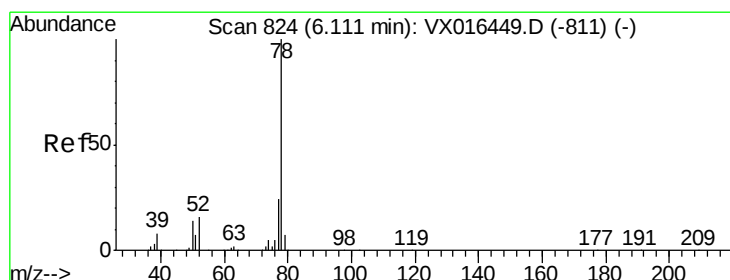
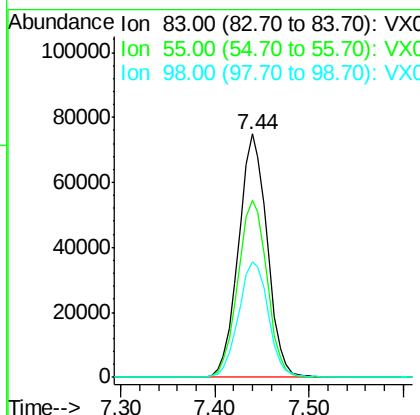
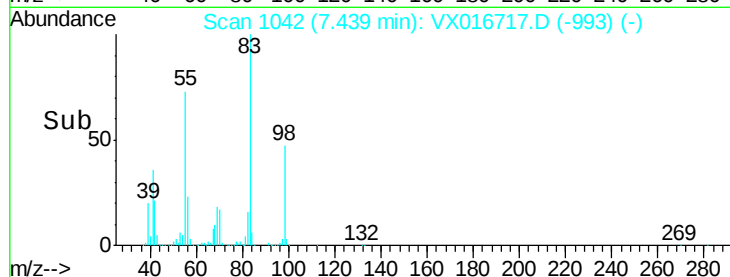
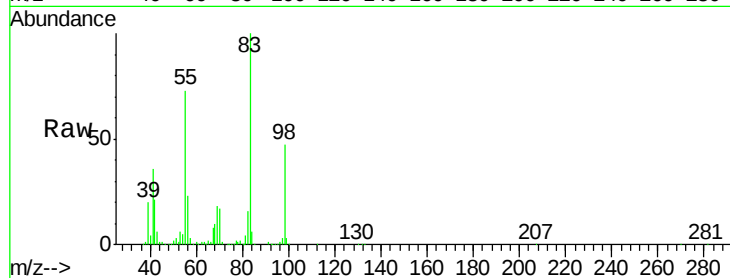
#39
Methvlcvclohexane
Concen: 46.185 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.8	61.7	92.5
98	47.3	38.7	58.1

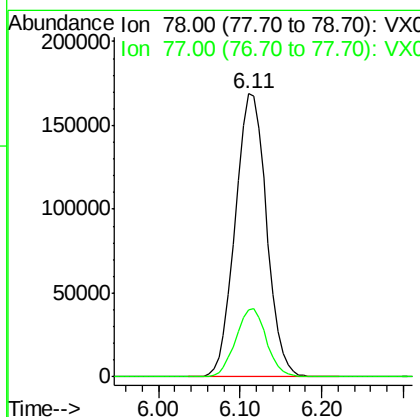
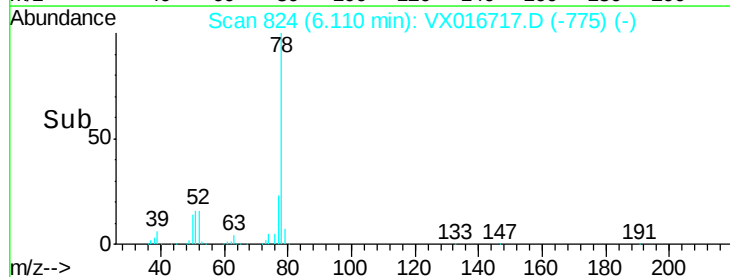
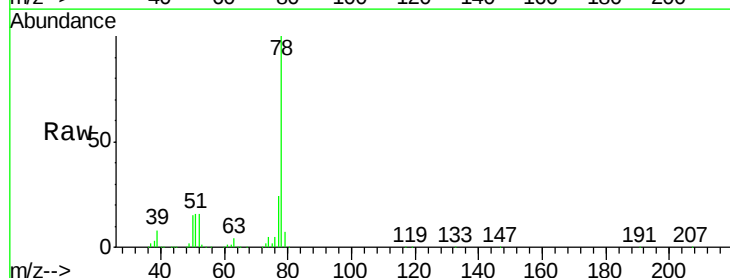
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#40
Benzene
Concen: 47.556 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.9	28.3





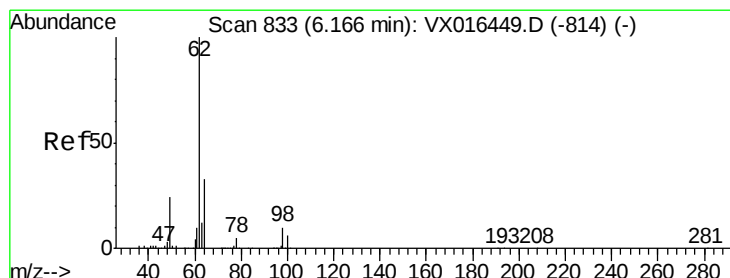
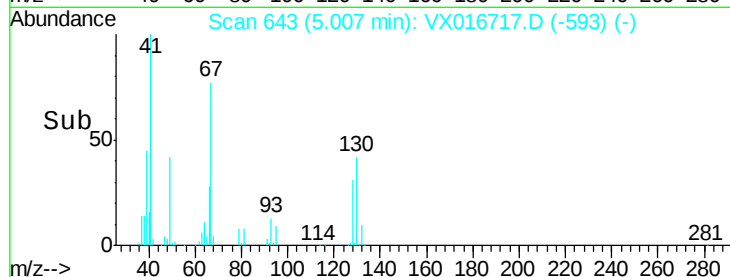
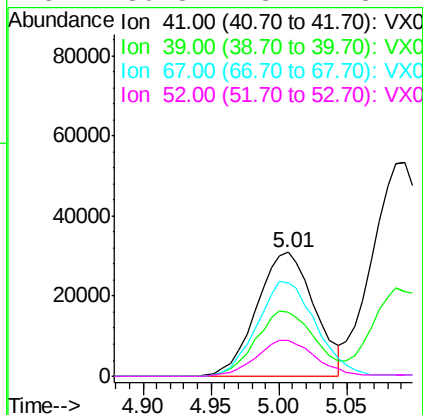
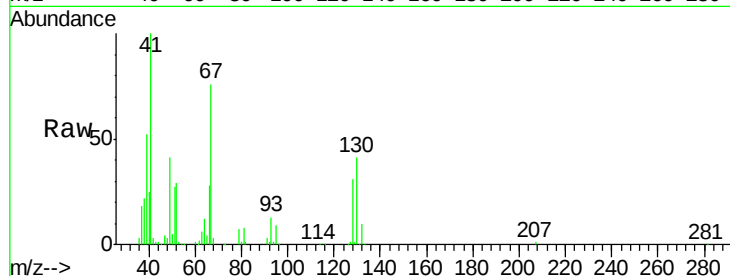
#41
Methacrylonitrile
Concen: 43.629 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.6	43.0	64.4	
67	78.9	58.9	88.3	
52	30.3	23.1	34.7	

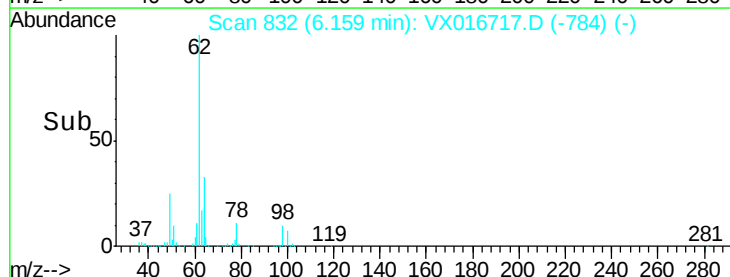
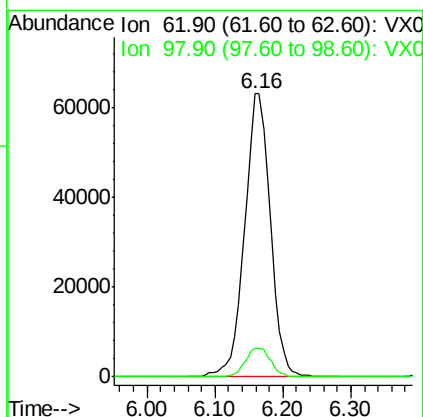
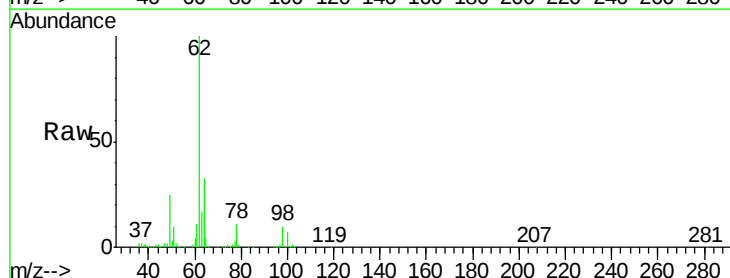
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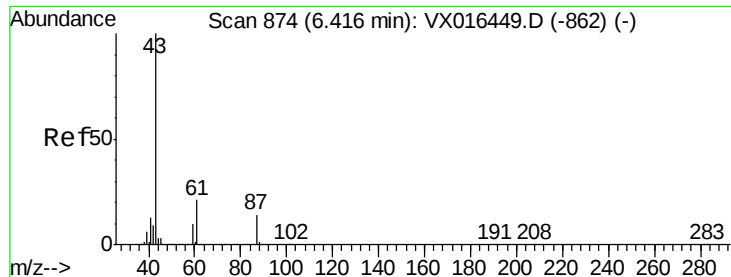
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#42
1,2-Dichloroethane
Concen: 49.698 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.2	0.0	19.8	





#43

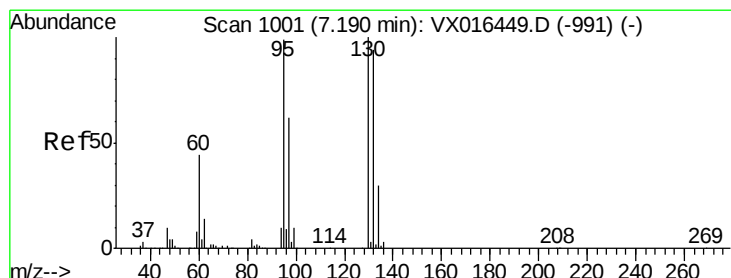
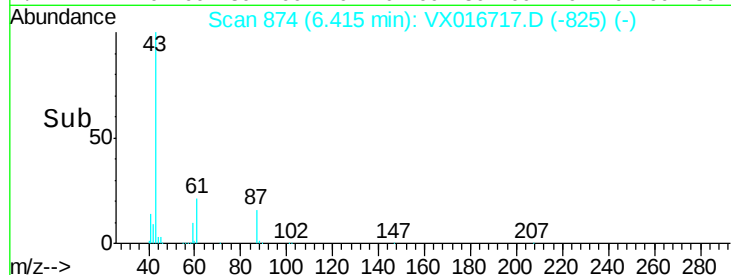
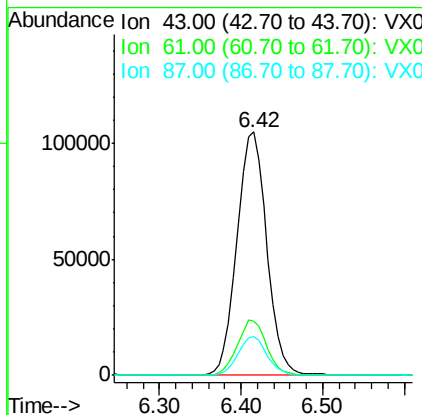
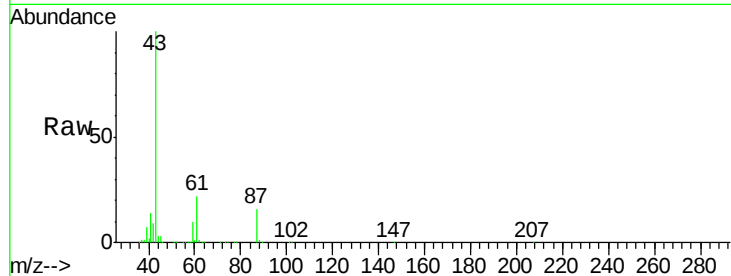
Isopropyl Acetate
 Concen: 44.523 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016717.D
 Acq: 11 Jun 2020 20:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.3	16.8	25.2
87	15.6	11.2	16.8

Manual Integrations
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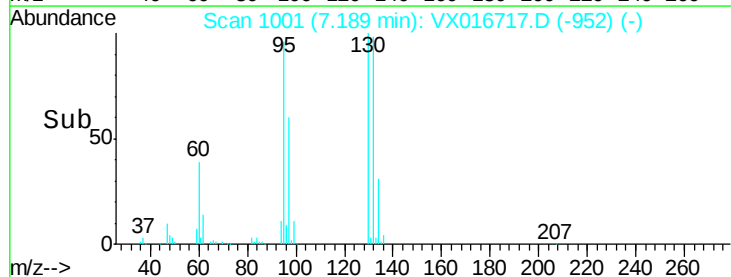
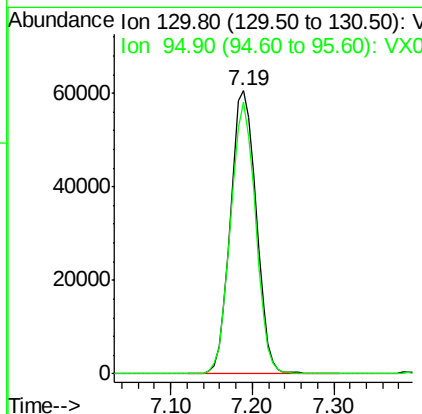
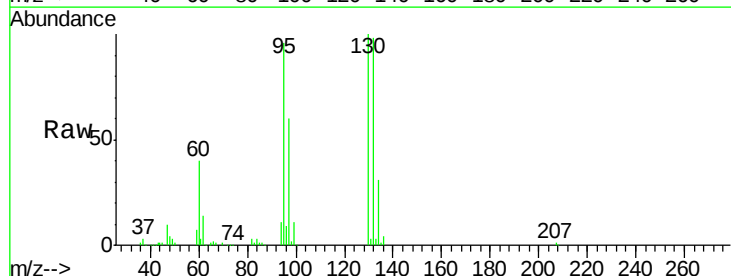
MMDadoda
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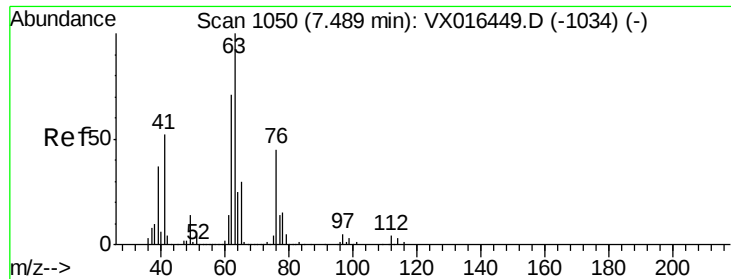


#44

Trichloroethene
 Concen: 44.038 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016717.D
 Acq: 11 Jun 2020 20:06

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.9	0.0	198.2





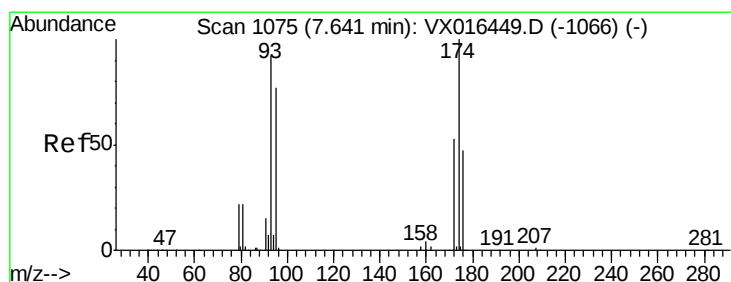
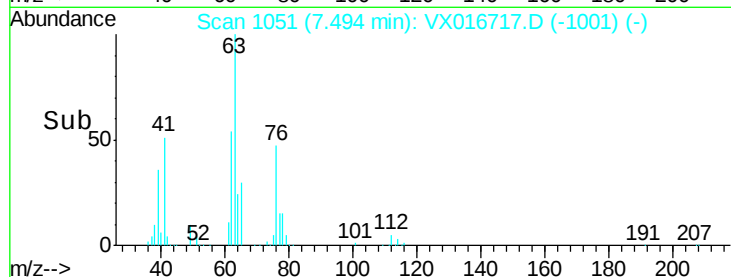
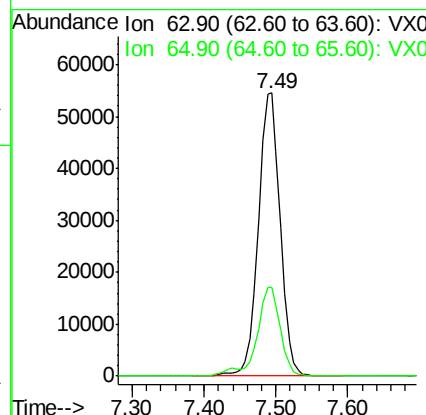
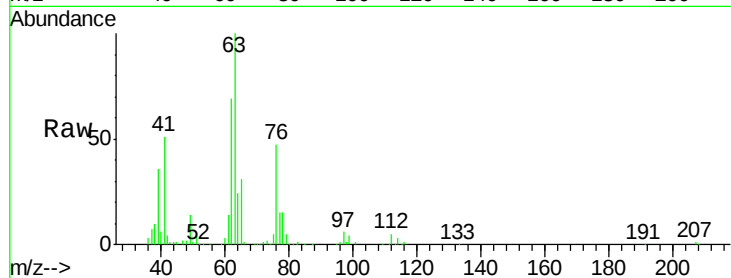
#45
 1,2-Dichloropropane
 Concen: 47.995 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VX016717.D
 Acq: 11 Jun 2020 20:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 115248
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.2 36.2

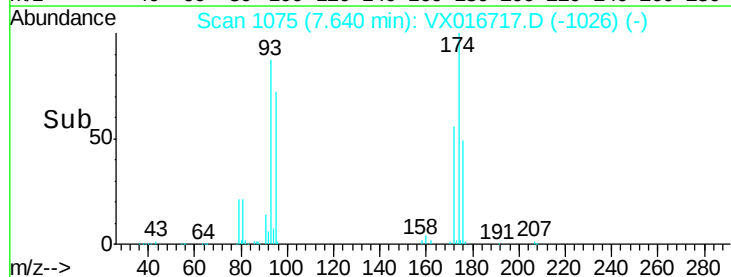
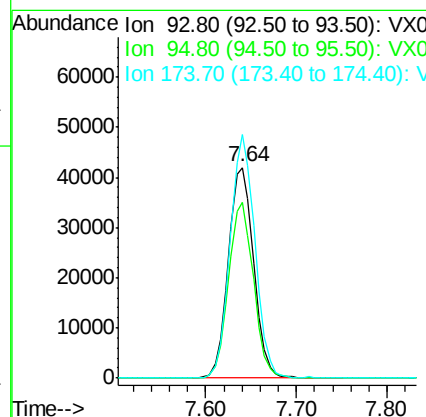
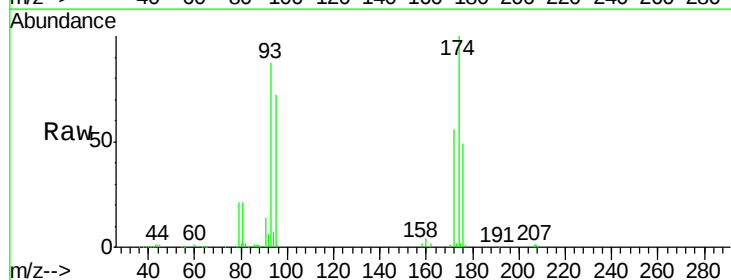
Manual Integrations
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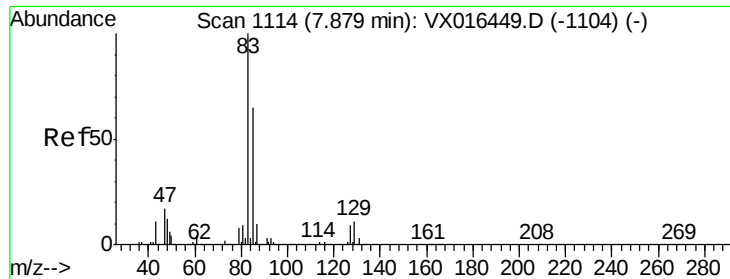
MMDadoda
 6/12/2020 5:45:34 PM



#46
 Dibromomethane
 Concen: 50.756 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016717.D
 Acq: 11 Jun 2020 20:06

Tgt Ion: 93 Resp: 81862
 Ion Ratio Lower Upper
 93 100
 95 82.2 66.6 100.0
 174 112.2 86.2 129.4





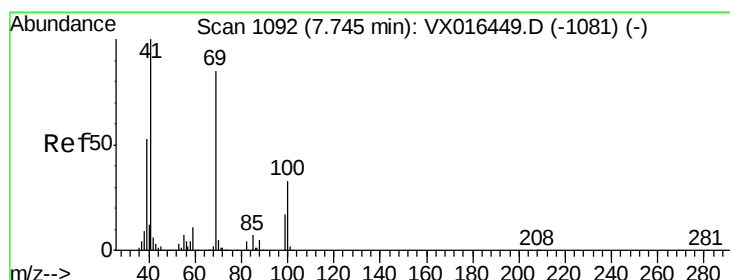
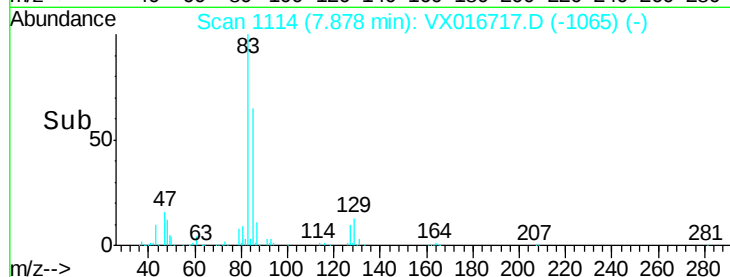
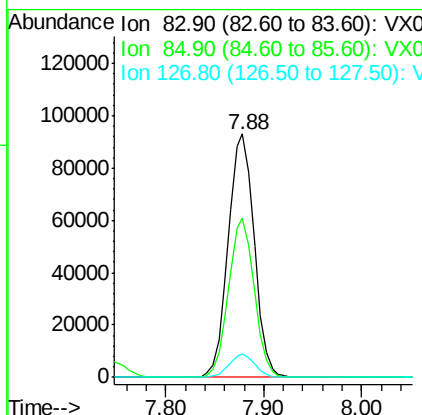
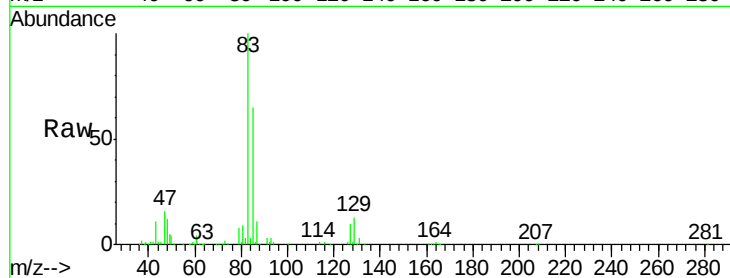
#47
Bromodichloromethane
Concen: 51.347 ug/l
RT: 7.88 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.0	78.0
127	9.5	7.4	11.0

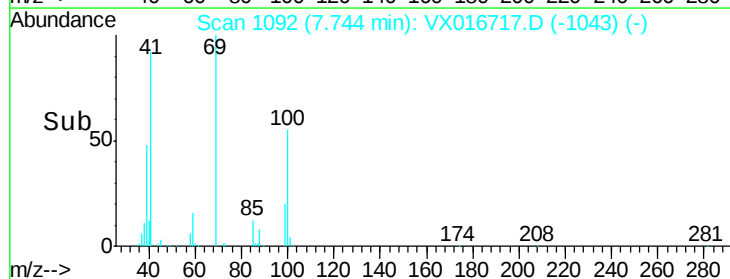
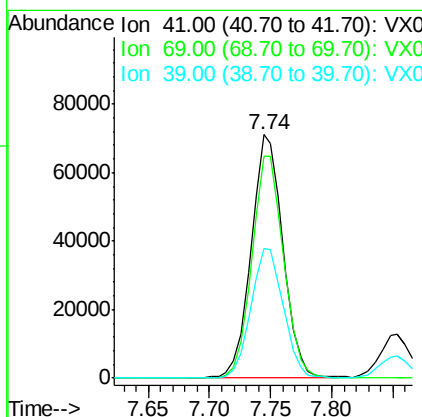
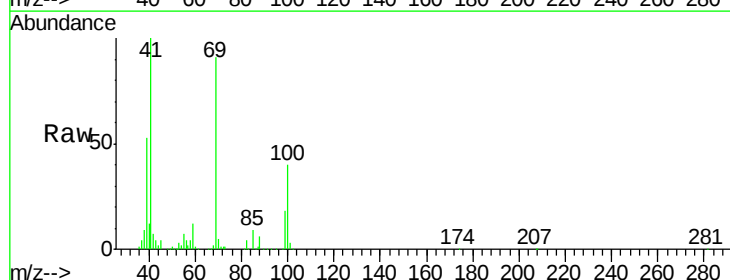
Manual Integrations
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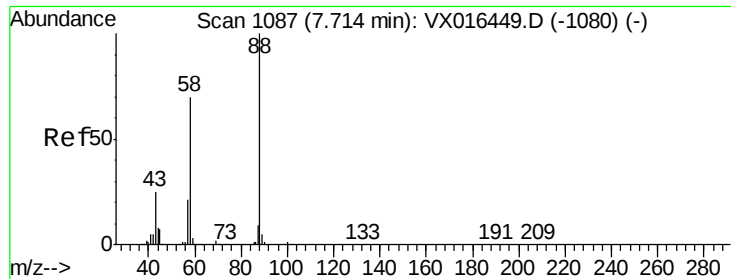
MMDadoda
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#48
Methyl methacrylate
Concen: 44.998 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Tgt Ion	Ratio	Lower	Upper
41	100		
69	91.7	68.6	102.8
39	54.5	42.4	63.6





#49

1,4-Dioxane

Concen: 909.698 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

Instrument :

MSVOA_X

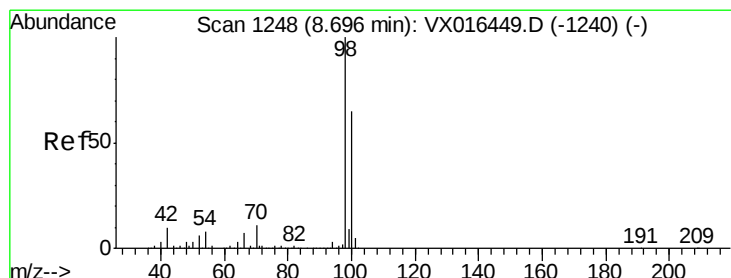
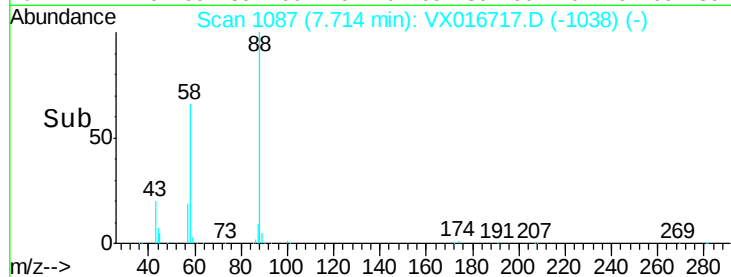
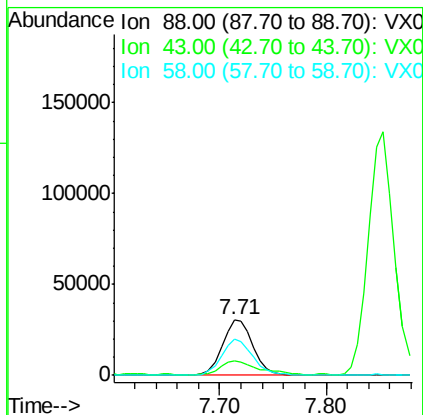
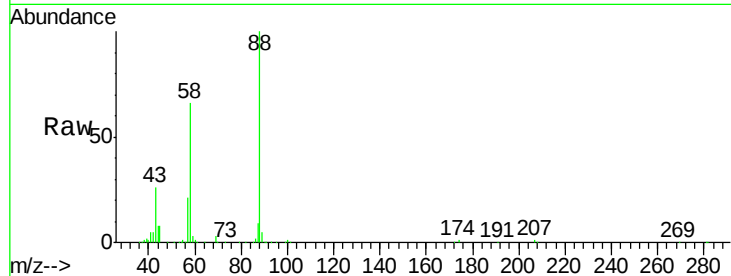
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	60462
Ion	Ratio	Lower	Upper
88	100		
43	30.5	24.2	36.4
58	66.8	56.5	84.7

Manual Integrations
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#50

Toluene-d8

Concen: 50.615 ug/l

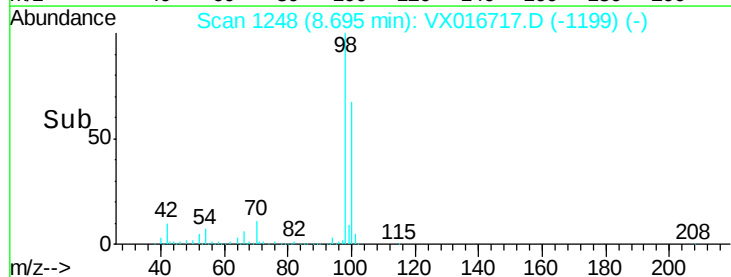
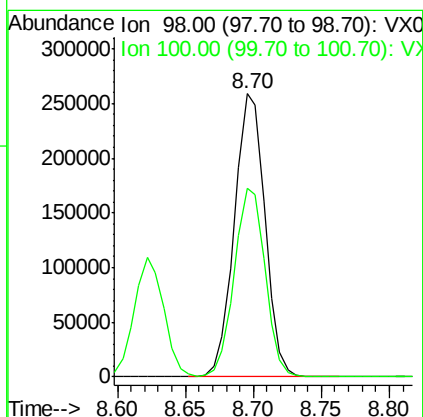
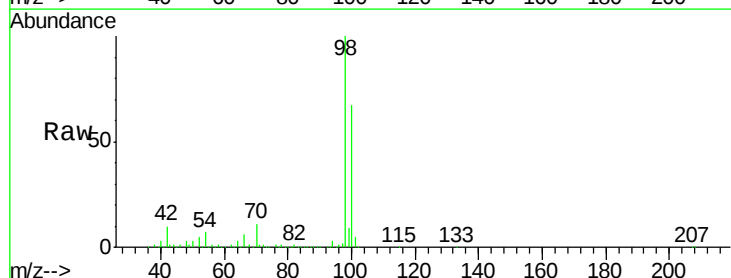
RT: 8.70 min Scan# 1248

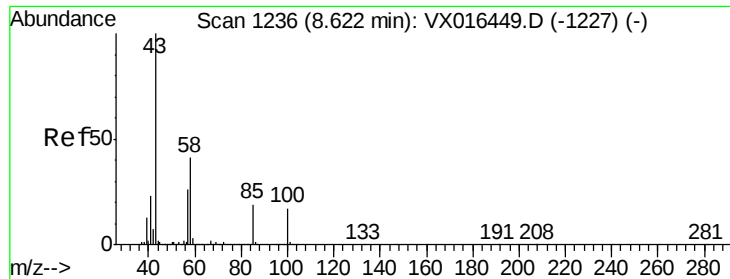
Delta R.T. -0.00 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

Tgt Ion:	98	Resp:	405800
Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.8	80.6





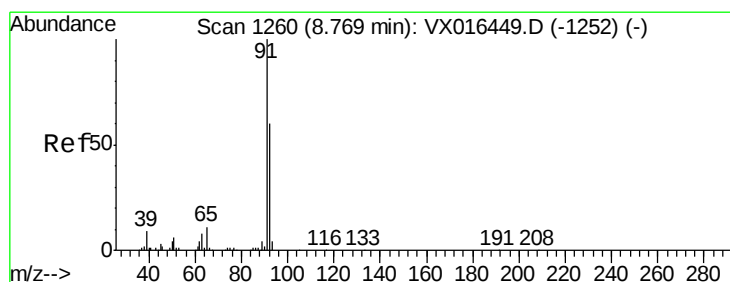
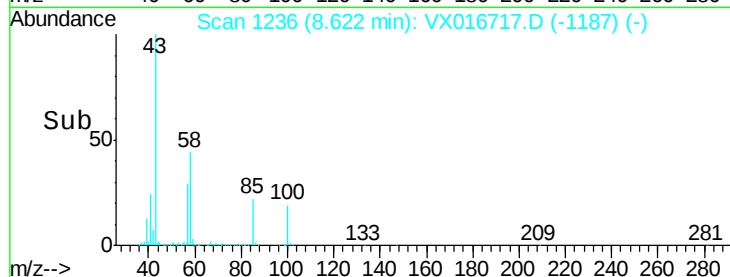
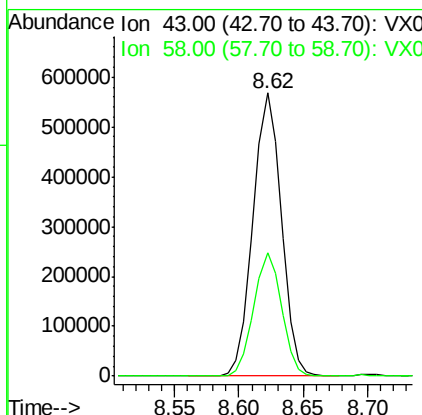
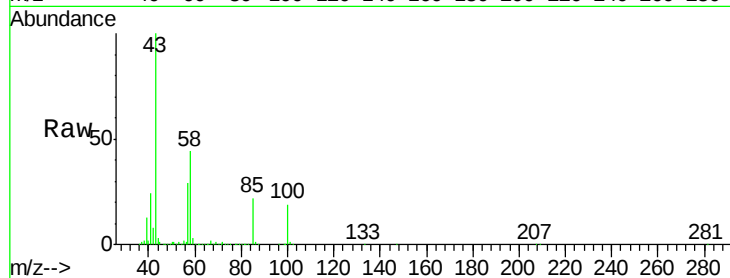
#51
4-Methyl-2-Pentanone
Concen: 232.936 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	860312
Ion	Ratio	Lower	Upper
43	100		
58	43.1	33.0	49.6

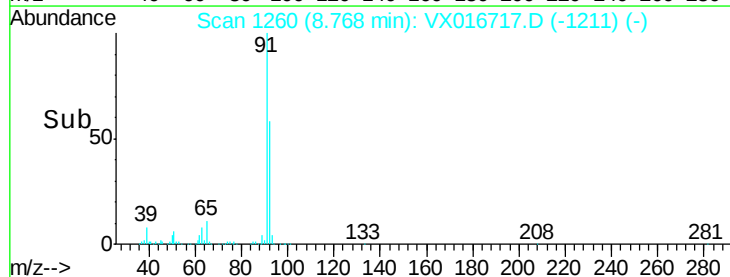
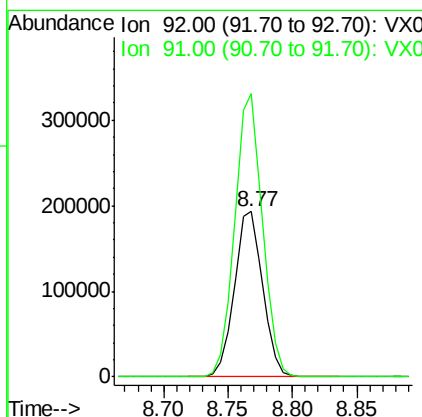
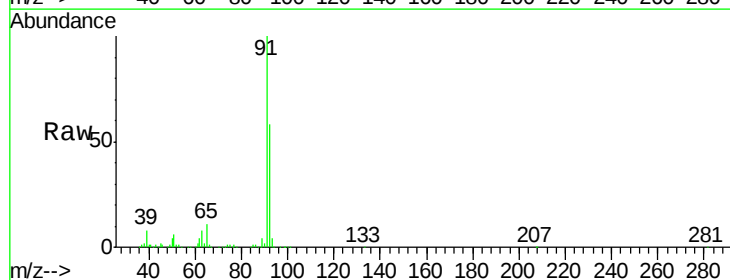
Manual Integrations
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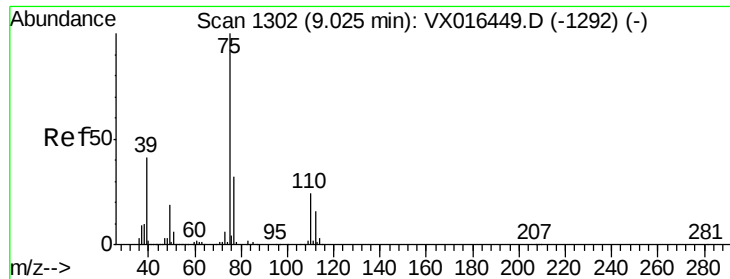
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#52
Toluene
Concen: 49.456 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Tgt Ion	92	Resp	294163
Ion	Ratio	Lower	Upper
92	100		
91	168.2	135.0	202.4





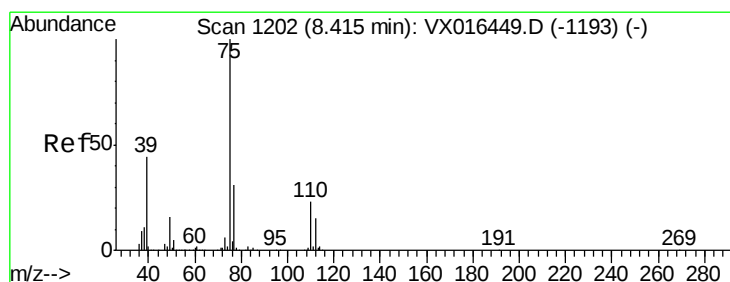
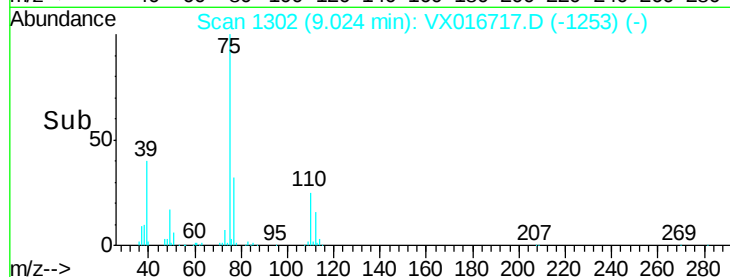
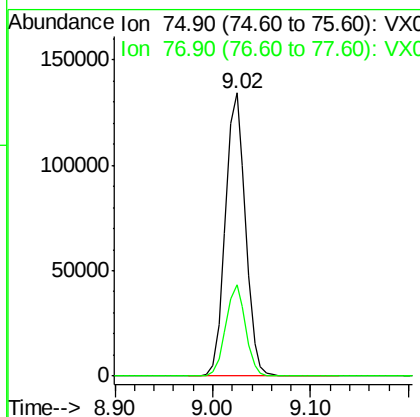
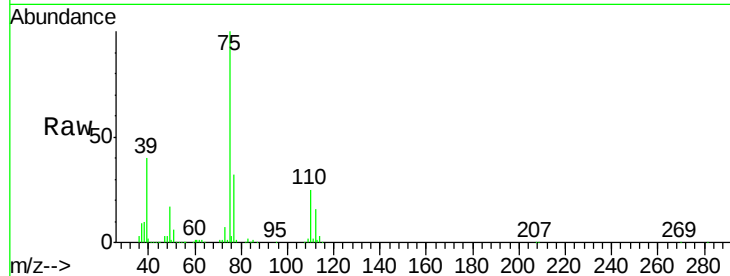
#53
t-1,3-Dichloropropene
Concen: 50.541 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.5	38.3

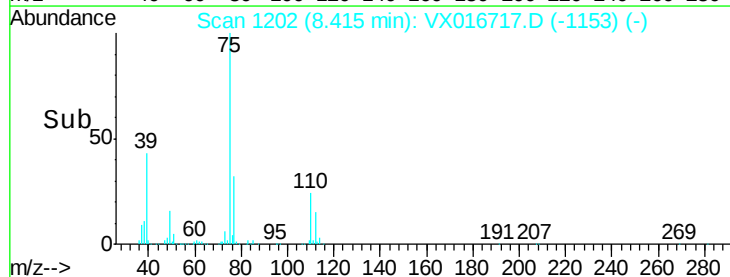
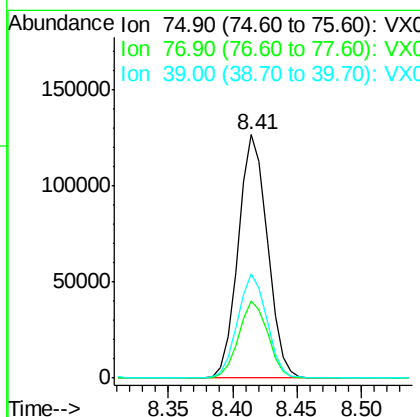
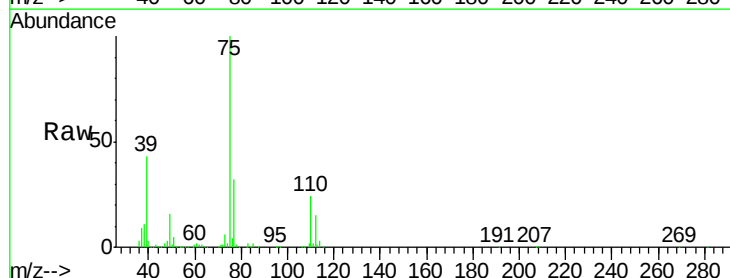
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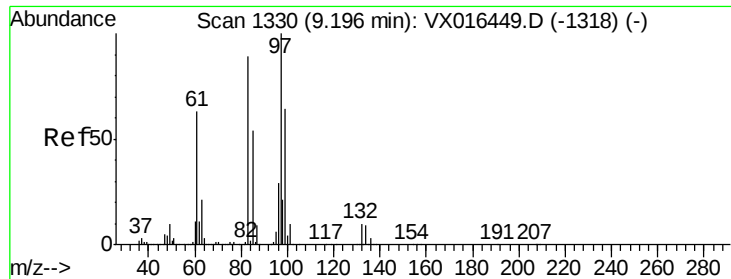
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#54
cis-1,3-Dichloropropene
Concen: 49.451 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.6	36.8
39	42.6	35.3	52.9





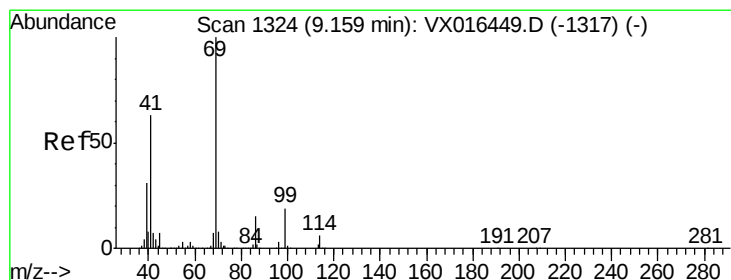
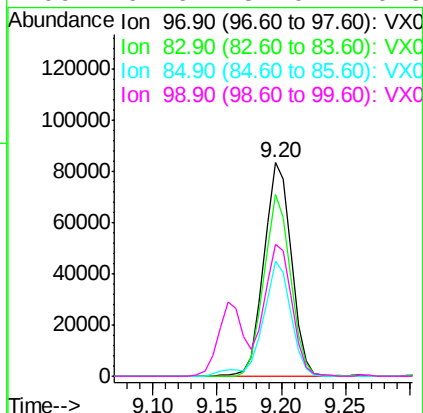
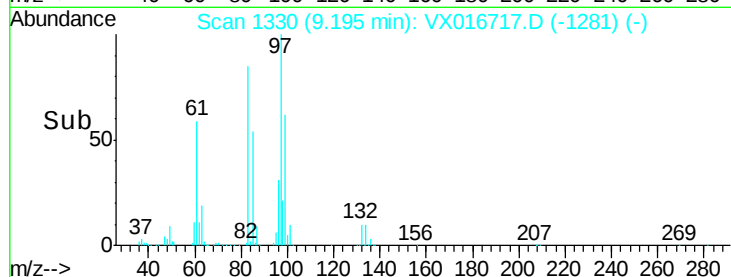
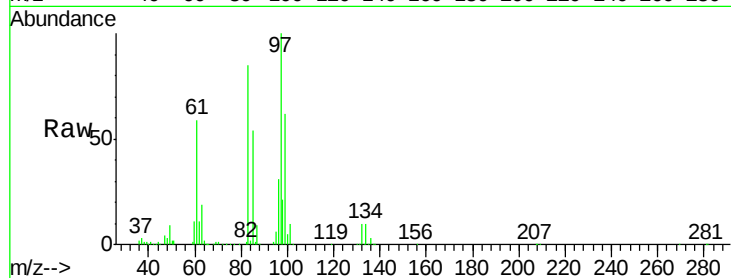
#55
 1,1,2-Trichloroethane
 Concen: 52.215 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016717.D
 Acq: 11 Jun 2020 20:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		123483		
83	85.0	70.9	106.3		
85	54.0	43.4	65.2		
99	61.6	51.0	76.6		

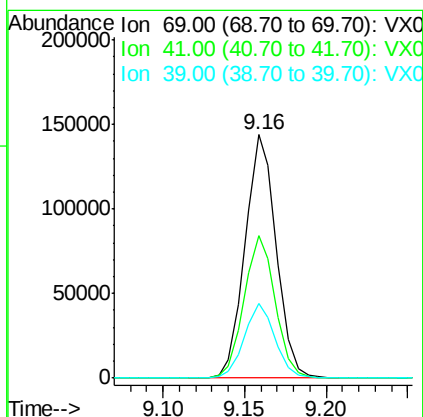
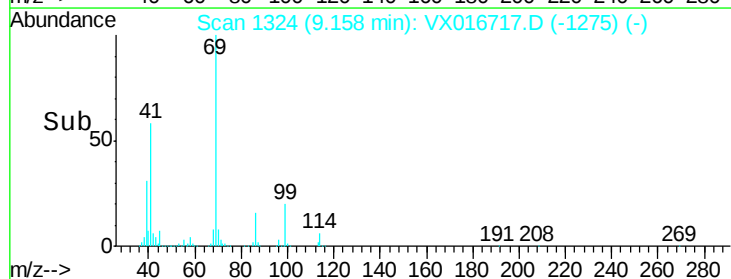
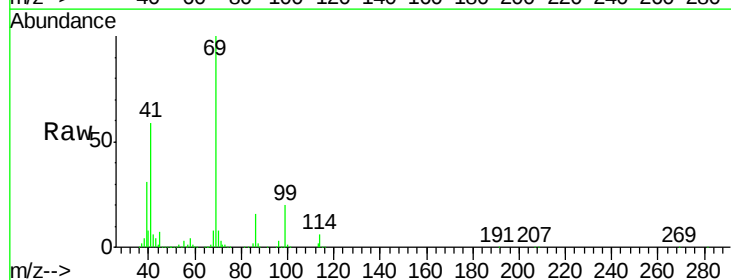
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#56
 Ethyl methacrylate
 Concen: 49.801 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016717.D
 Acq: 11 Jun 2020 20:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		191811		
41	59.2	50.7	76.1		
39	30.6	25.8	38.6		





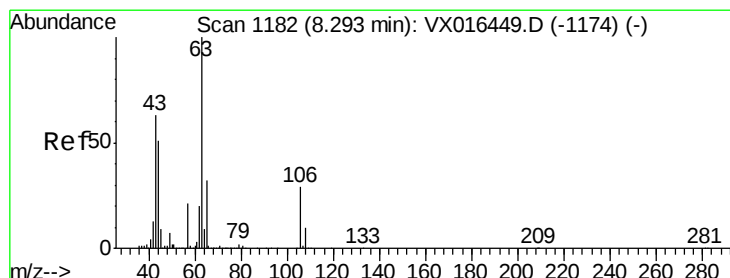
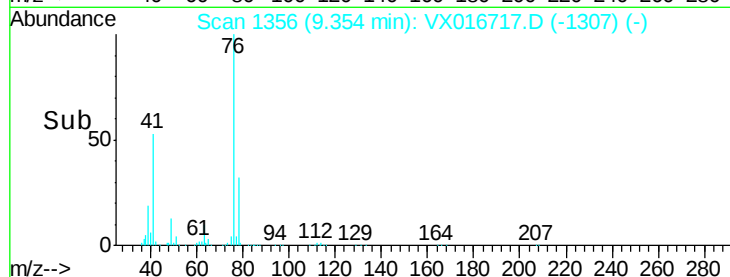
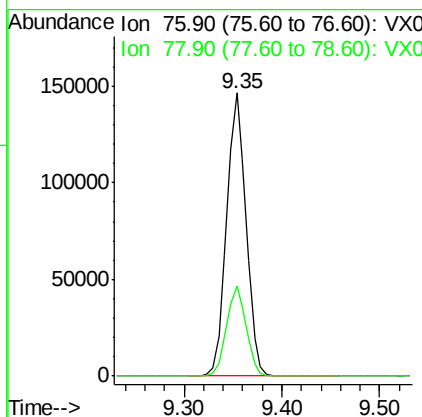
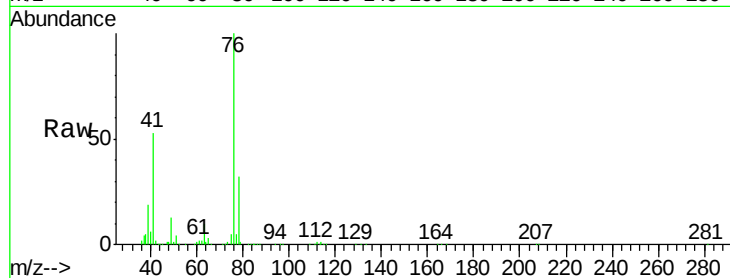
#57
 1,3-Dichloropropane
 Concen: 49.899 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016717.D
 Acq: 11 Jun 2020 20:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.2	39.4

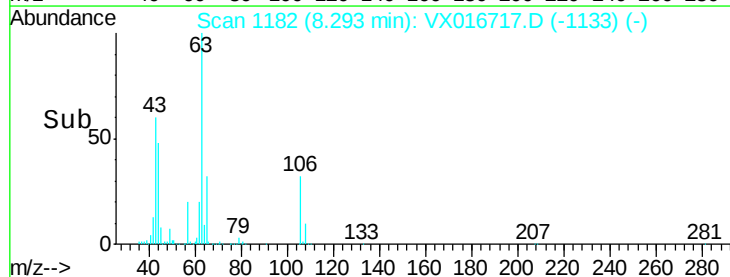
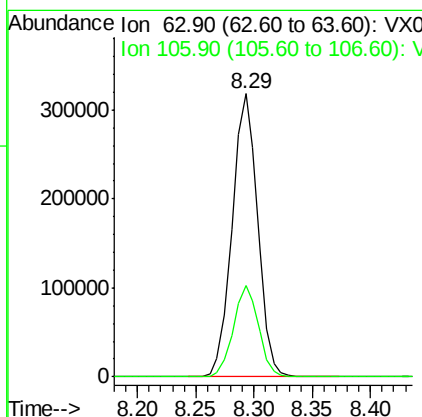
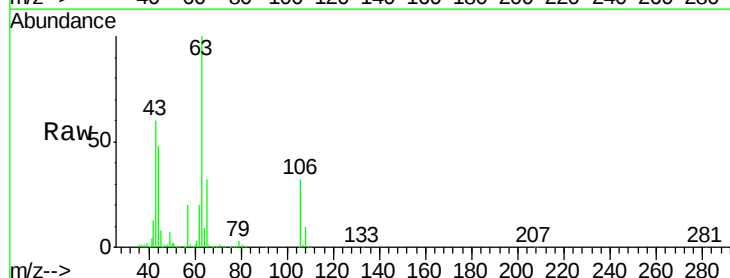
Manual Integrations
 APPROVED

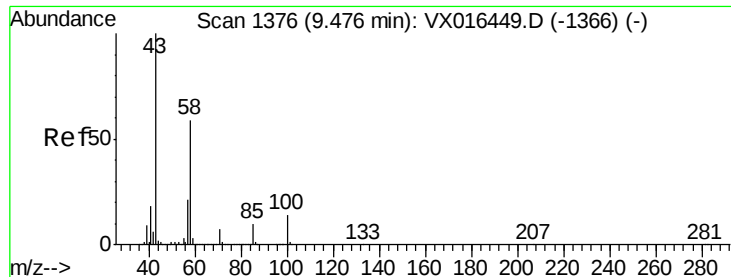
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#58
 2-Chloroethyl Vinyl ether
 Concen: 241.380 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX016717.D
 Acq: 11 Jun 2020 20:06

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.9	23.2	34.8





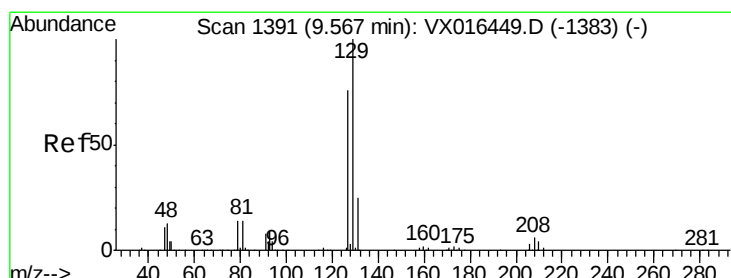
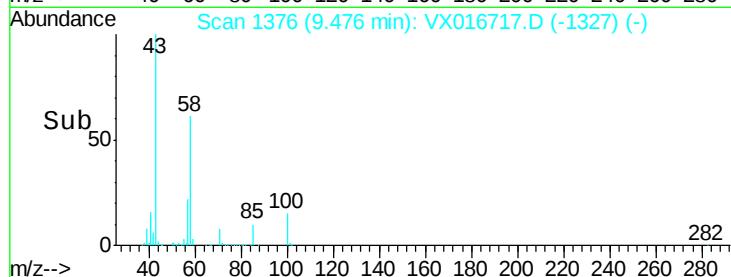
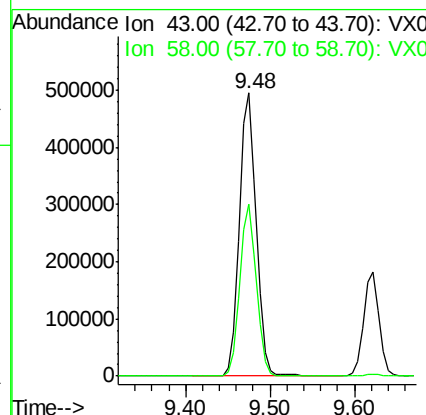
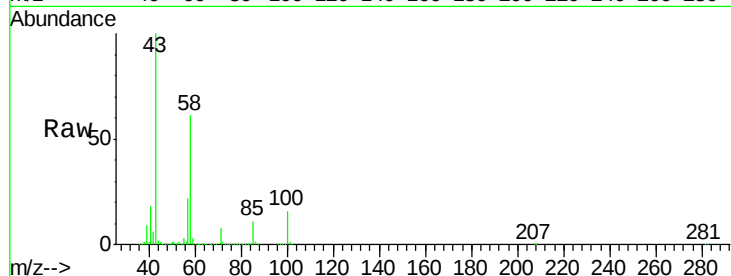
#59
2-Hexanone
Concen: 231.935 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 666152
Ion Ratio Lower Upper
43 100
58 59.8 28.8 86.4

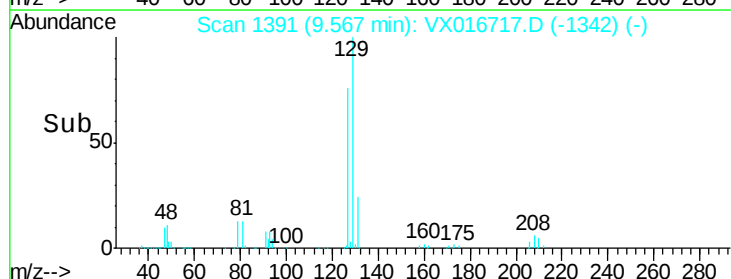
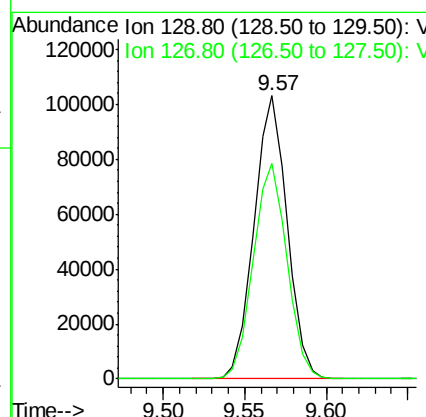
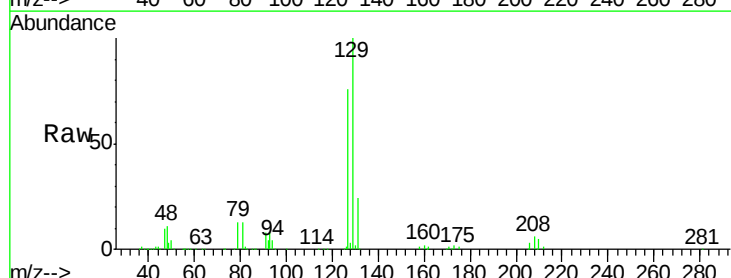
Manual Integrations
APPROVED

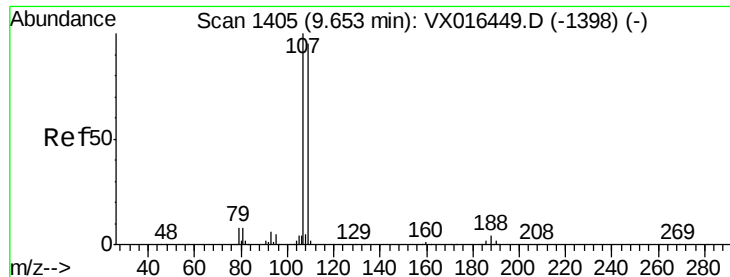
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6/12/2020 5:45:34 PM



#60
Dibromochloromethane
Concen: 54.807 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Tgt Ion: 129 Resp: 145863
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0





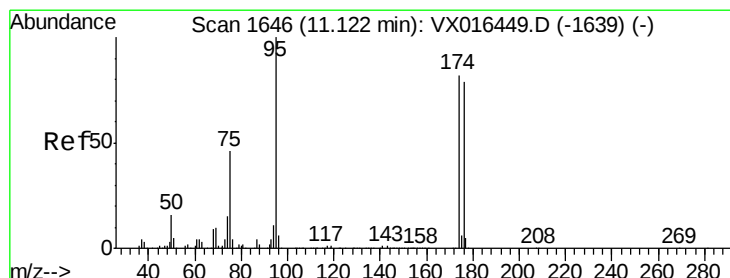
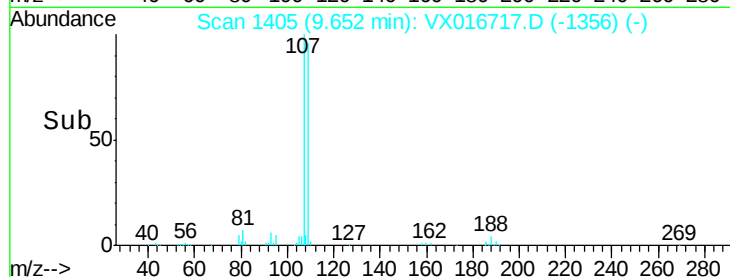
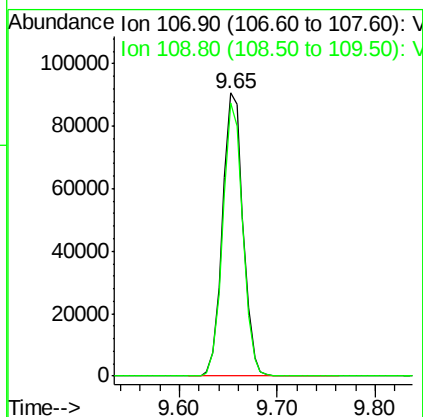
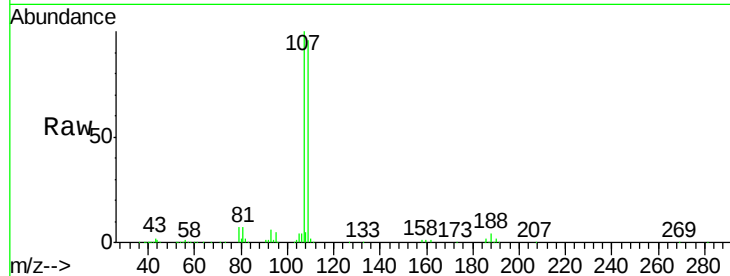
#61
 1,2-Dibromoethane
 Concen: 52.133 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX016717.D
 Acq: 11 Jun 2020 20:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.2	75.5	113.3

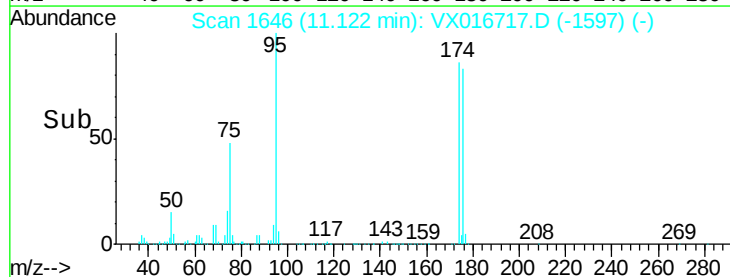
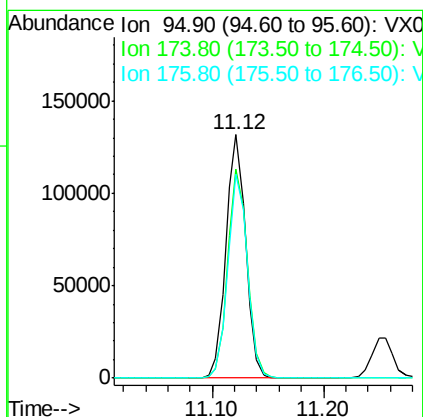
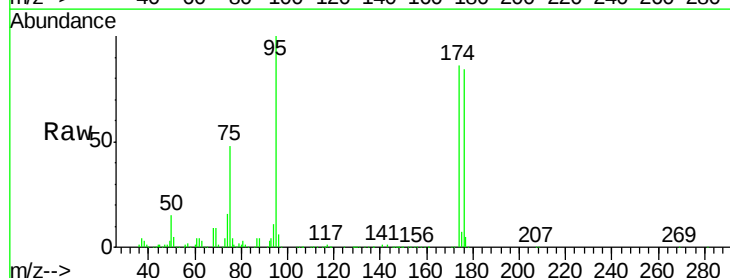
Manual Integrations
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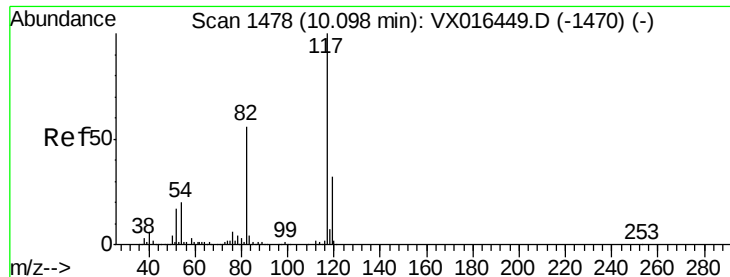
MMDadoda
 6/12/2020 5:45:34 PM



#62
 4-Bromofluorobenzene
 Concen: 51.861 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX016717.D
 Acq: 11 Jun 2020 20:06

Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.8	0.0	163.0
176	83.1	0.0	156.8





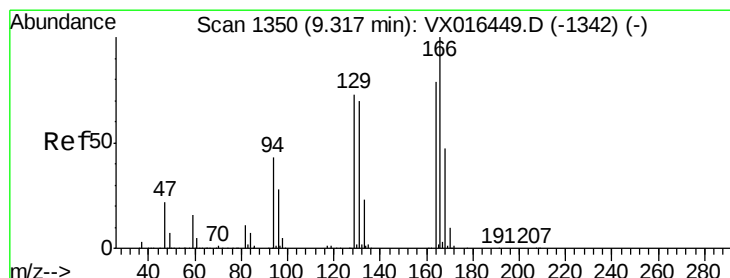
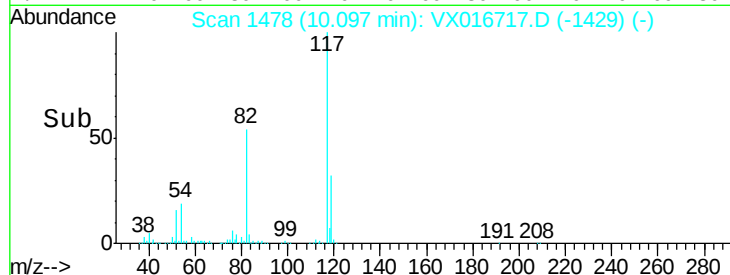
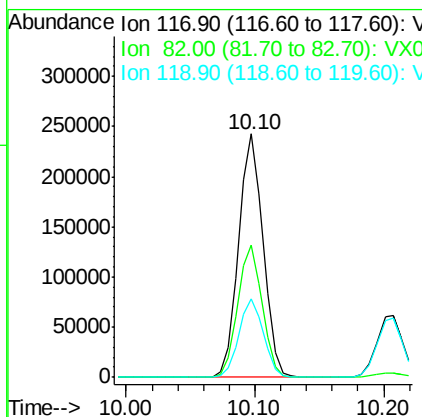
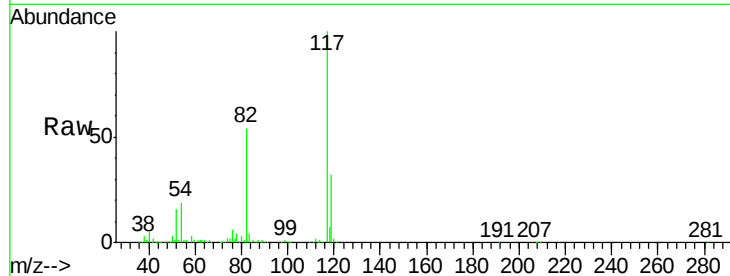
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	45.0	67.6
119	32.3	25.8	38.8

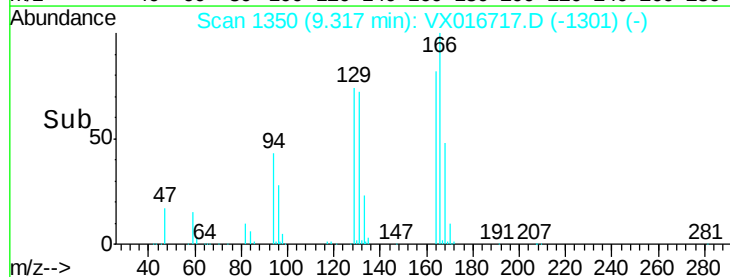
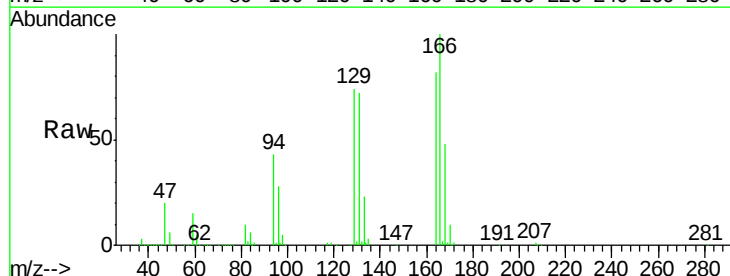
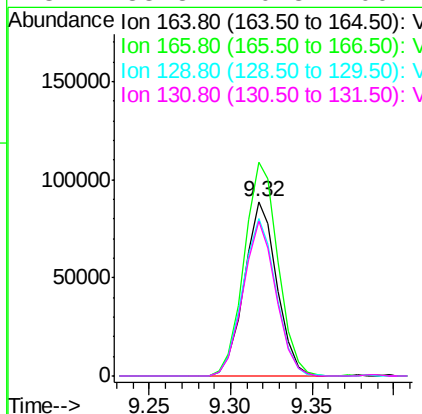
Manual Integrations
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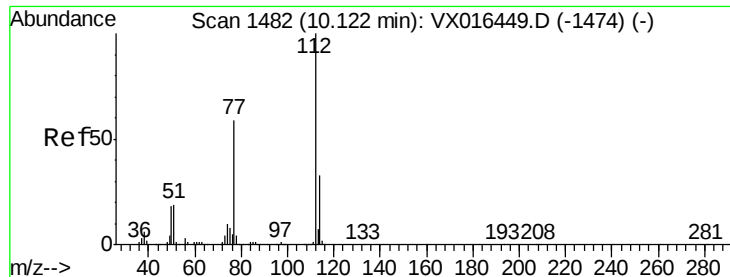
MMDadoda
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#64
Tetrachloroethene
Concen: 34.637 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.5	100.9	151.3
129	90.0	73.2	109.8
131	88.8	70.8	106.2





#65

Chlorobenzene

Concen: 49.948 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 324975

Ion Ratio Lower Upper

112 100

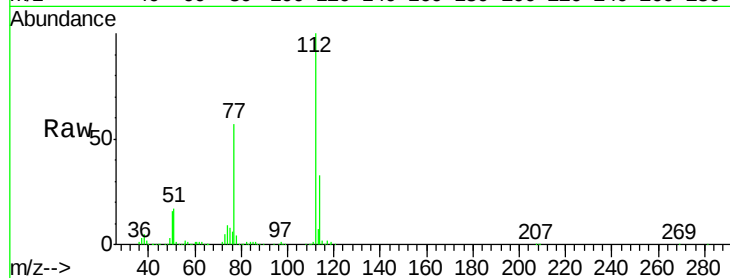
114 32.5 26.0 39.0

Manual Integrations

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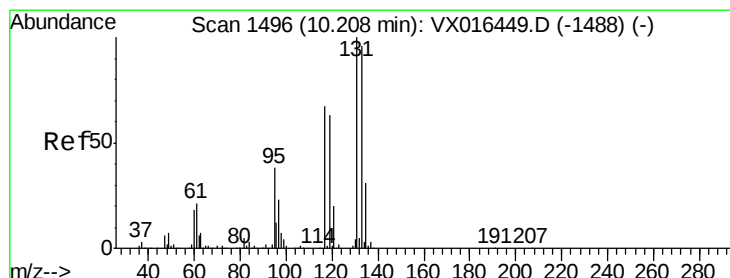
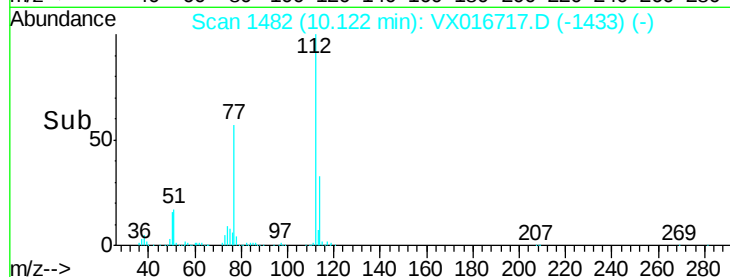
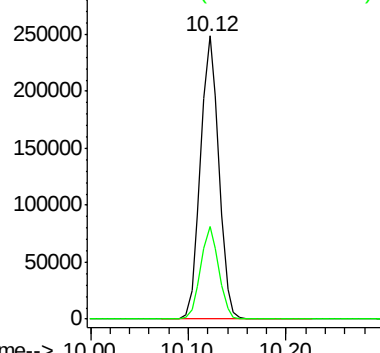
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 53.272 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

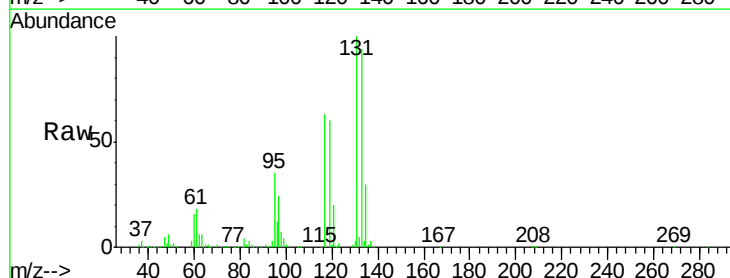
Tgt Ion:131 Resp: 132307

Ion Ratio Lower Upper

131 100

133 94.6 48.4 145.3

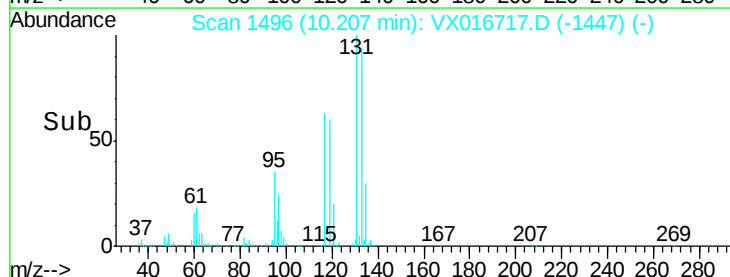
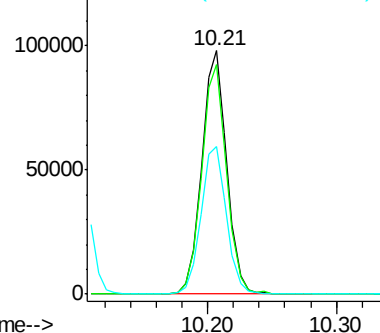
119 62.0 32.0 96.2

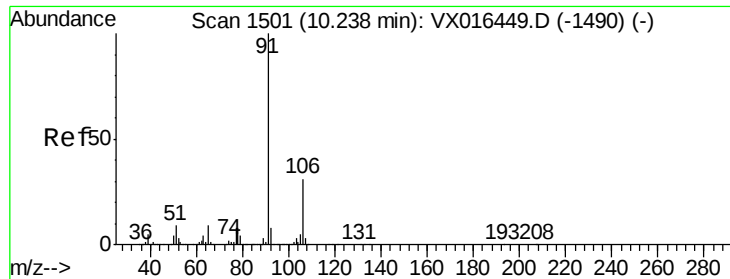


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





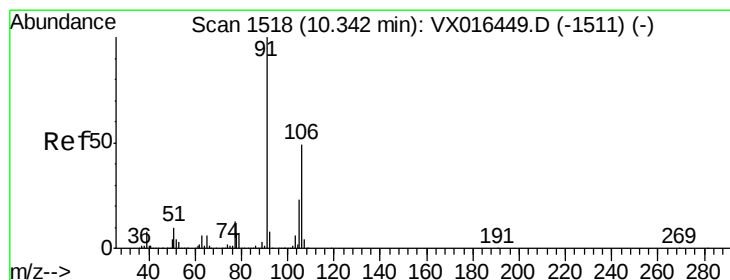
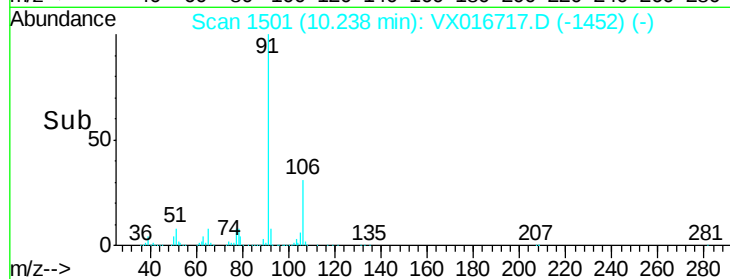
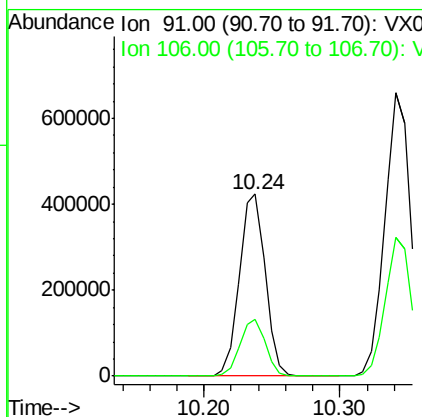
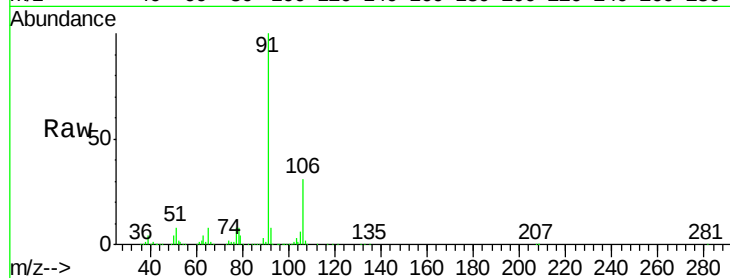
#67
Ethyl Benzene
Concen: 48.533 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 562199
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.4

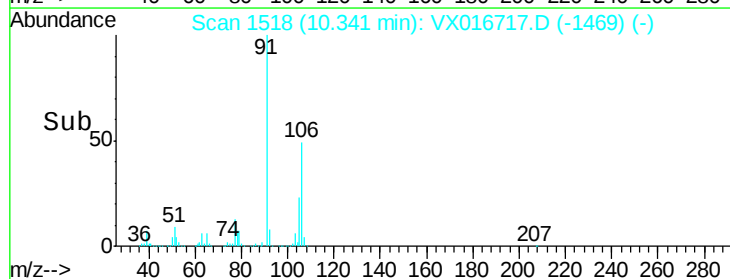
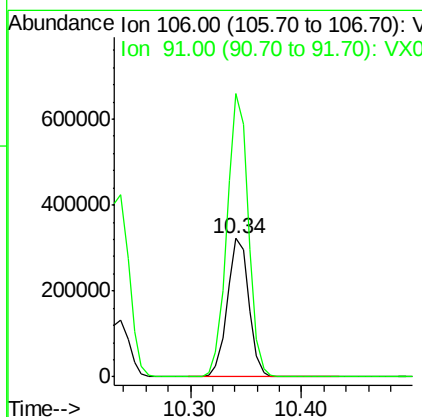
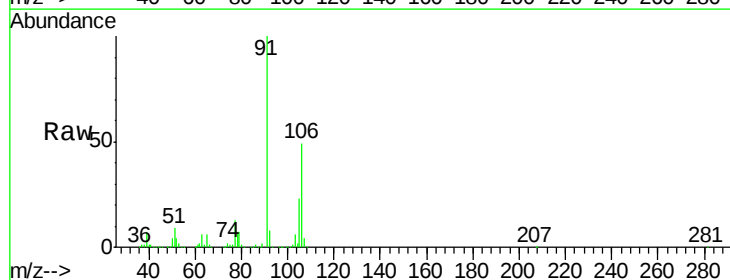
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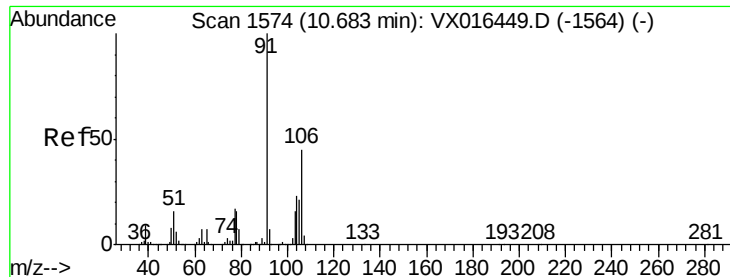
MMDadoda
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#68
m/p-Xylenes
Concen: 99.956 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Tgt Ion: 106 Resp: 429308
Ion Ratio Lower Upper
106 100
91 203.2 163.8 245.8





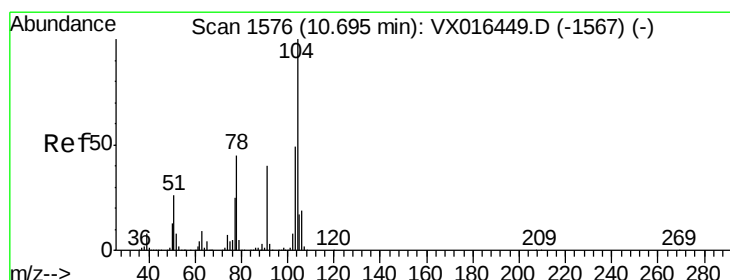
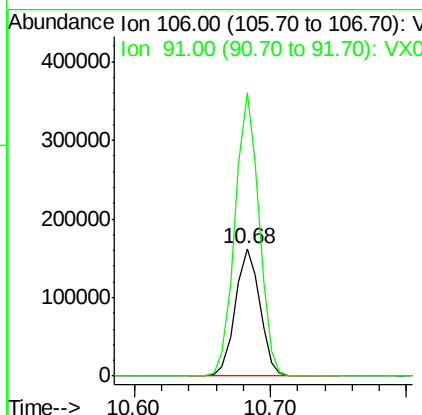
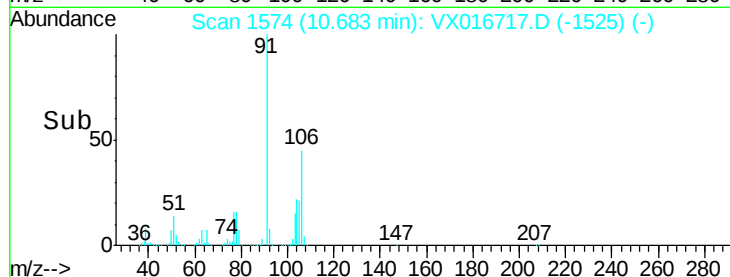
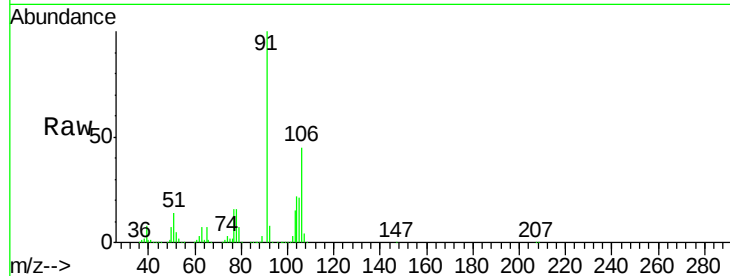
#69
o-Xylene
Concen: 49.167 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 204509
Ion Ratio Lower Upper
106 100
91 217.4 109.6 328.8

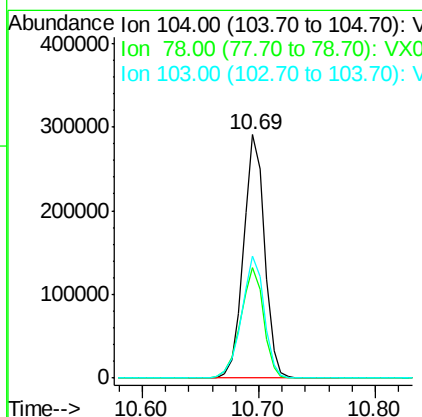
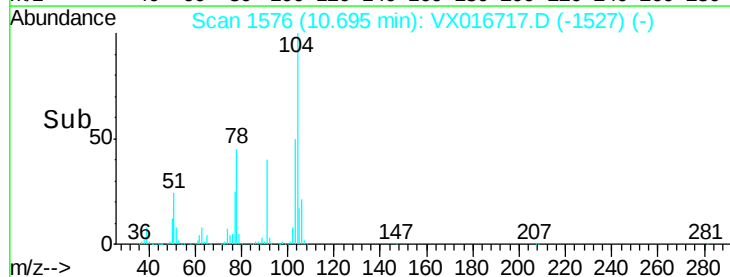
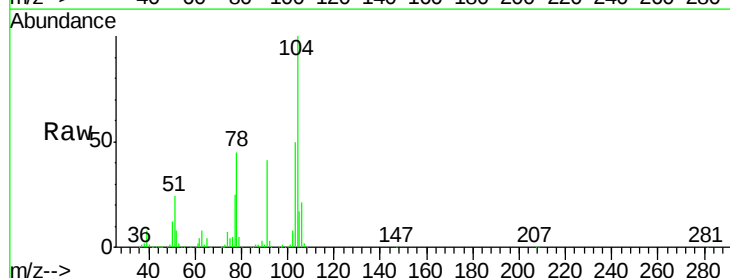
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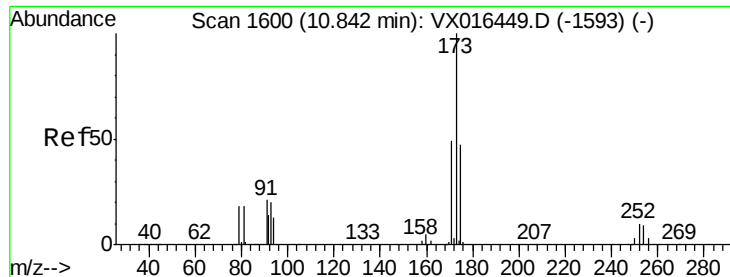
MMDadoda
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#70
Styrene
Concen: 51.433 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Tgt Ion:104 Resp: 367726
Ion Ratio Lower Upper
104 100
78 49.6 40.2 60.2
103 53.9 43.1 64.7





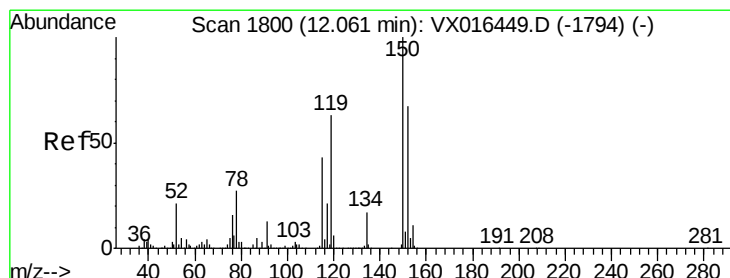
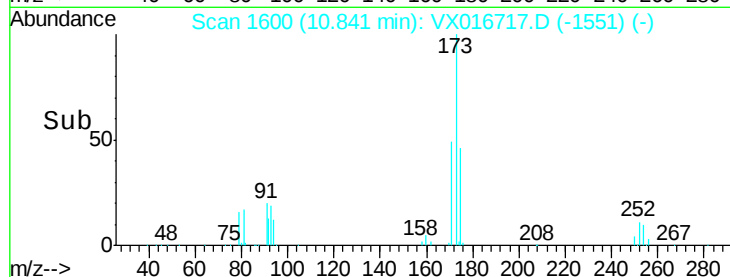
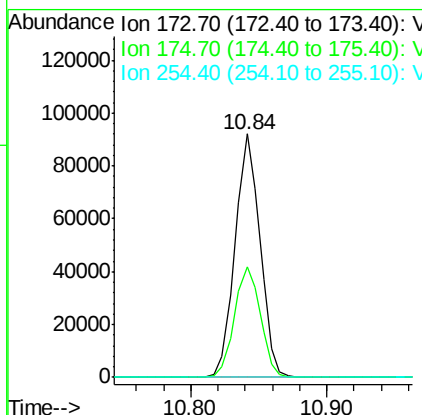
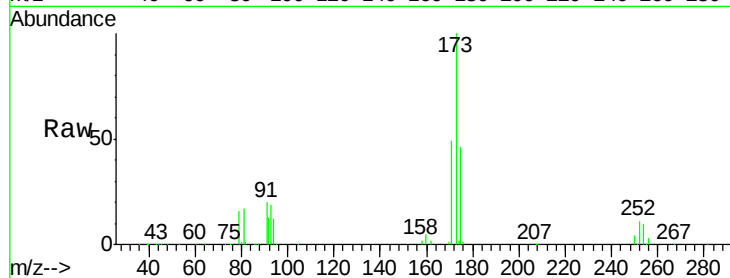
#71
Bromoform
Concen: 56.090 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.6	23.9	71.7
254	0.1	0.1	0.1

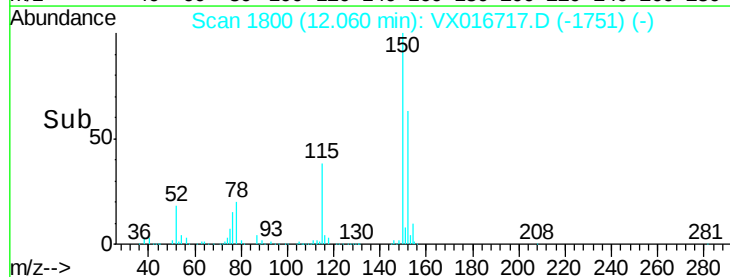
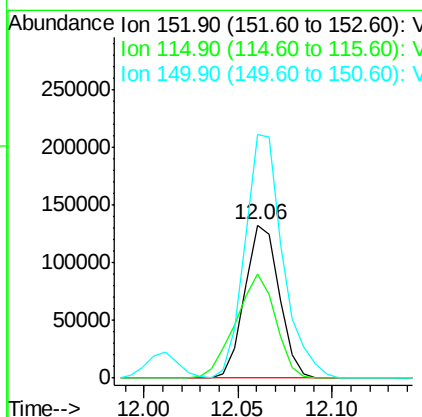
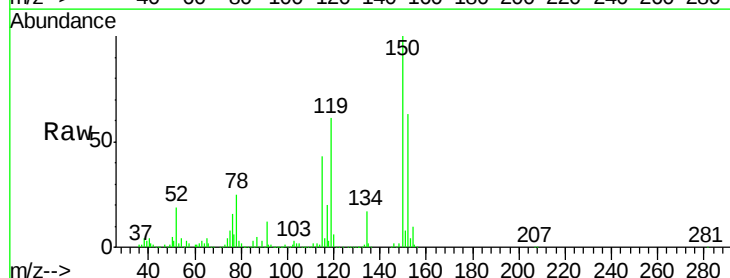
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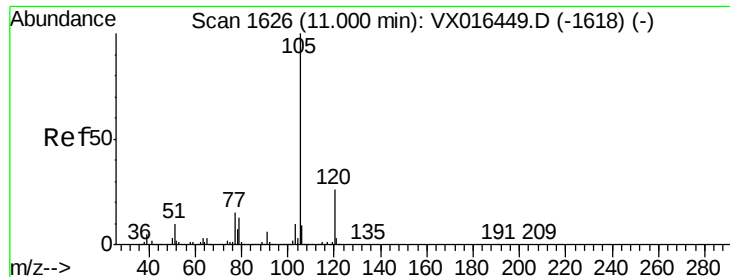
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	79.1	39.9	119.6
150	174.8	0.0	341.0





#73

Isopropylbenzene

Concen: 47.434 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 556174

Ion Ratio Lower Upper

105 100

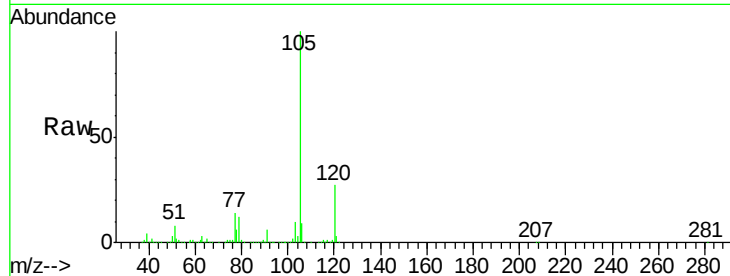
120 26.2 13.1 39.3

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

400000

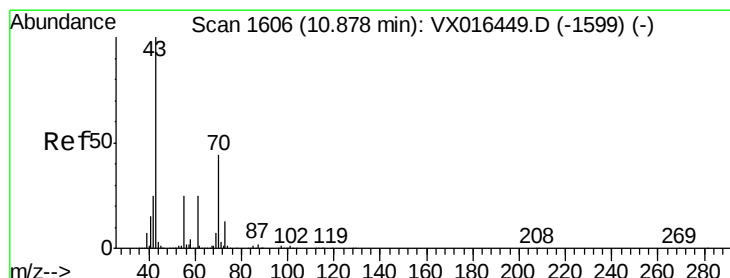
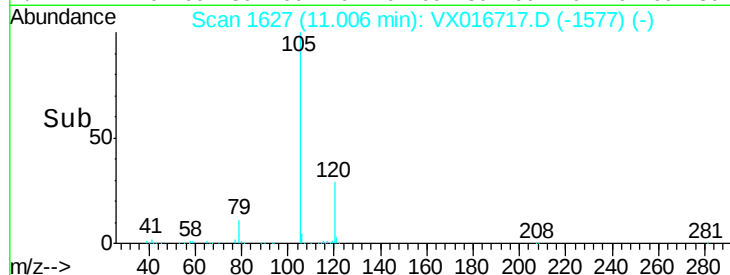
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 41.948 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

Tgt Ion: 43 Resp: 226236

Ion Ratio Lower Upper

43 100

70 49.6 36.1 54.1

55 26.8 20.2 30.4

61 26.9 20.3 30.5

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

250000

200000

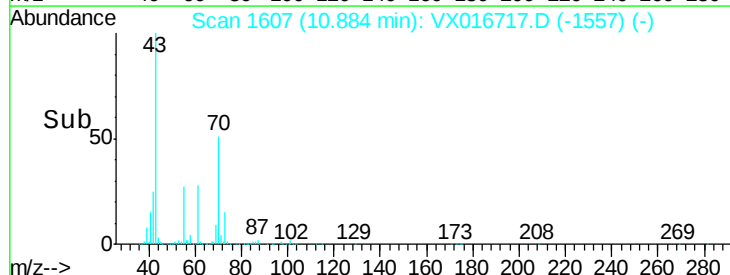
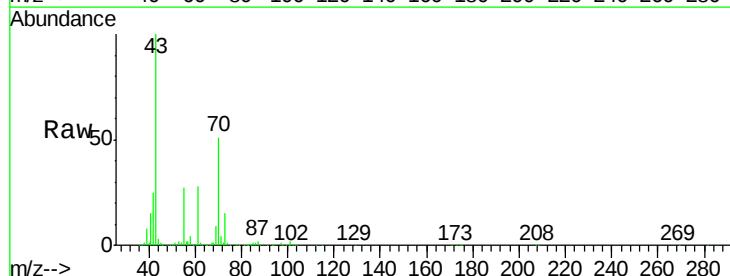
150000

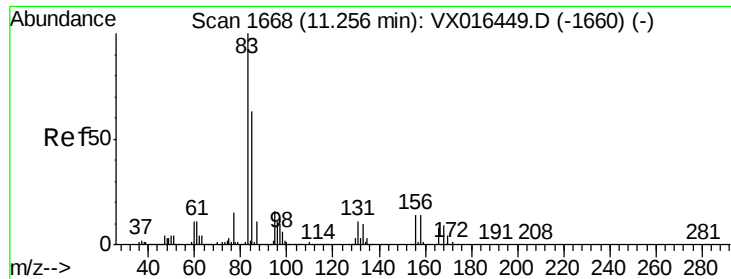
100000

50000

0

Time--> 10.80 10.85 10.90 10.95





#75

1,1,2,2-Tetrachloroethane

Concen: 60.507 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

Instrument :

MSVOA_X

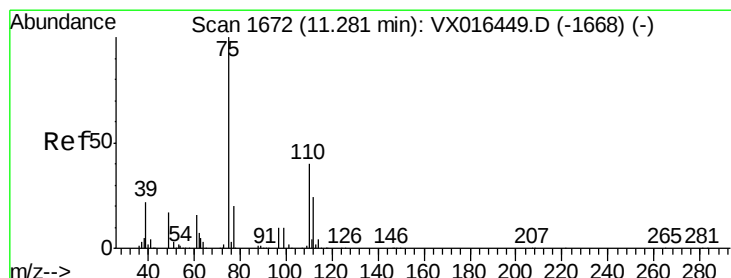
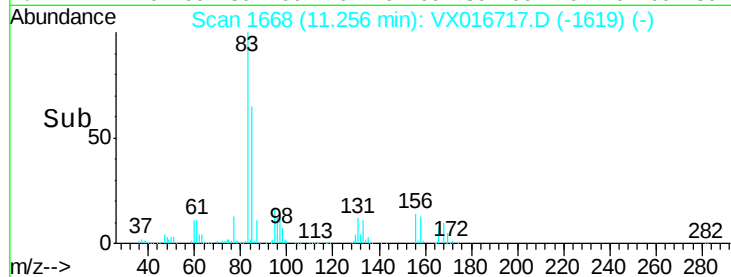
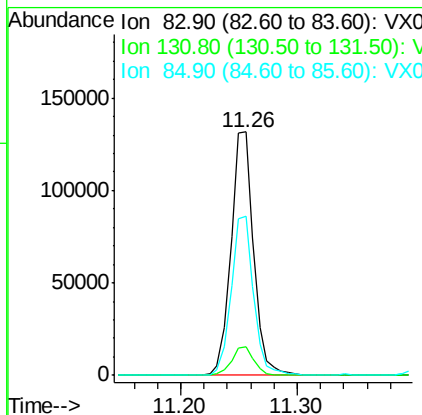
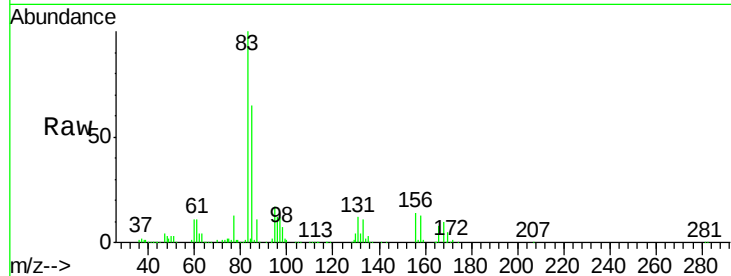
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	177804
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.1	15.3
85	64.9	32.0	96.2

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#76

1,2,3-Trichloropropane

Concen: 47.036 ug/l m

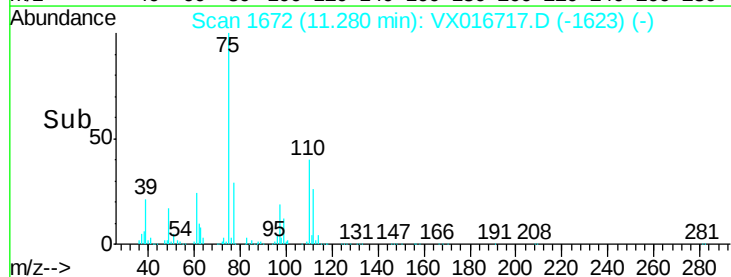
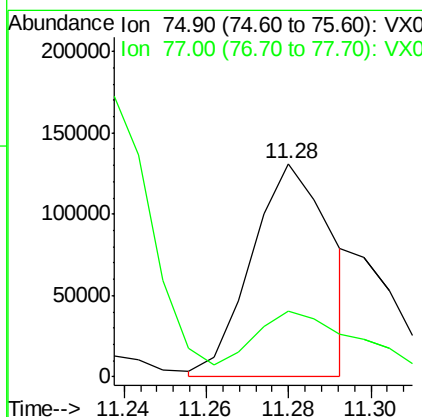
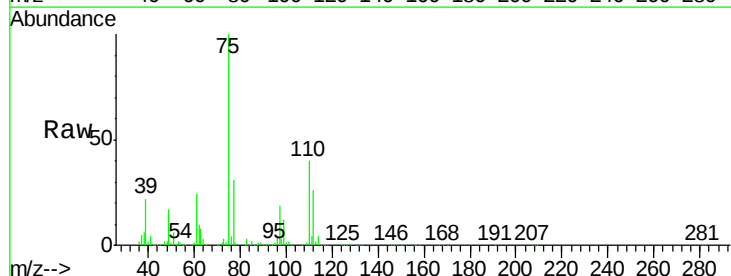
RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

Tgt Ion:	75	Resp:	174956
Ion Ratio	Lower	Upper	
75	100		
77	41.6	21.3	63.7





#77

Bromobenzene

Concen: 48.810 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

Instrument :

MSVOA_X

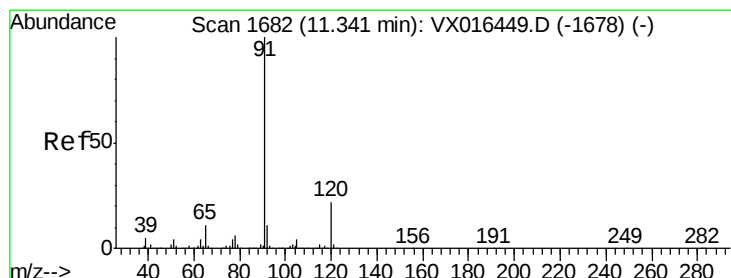
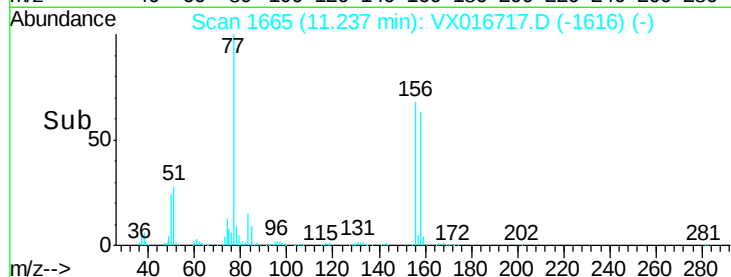
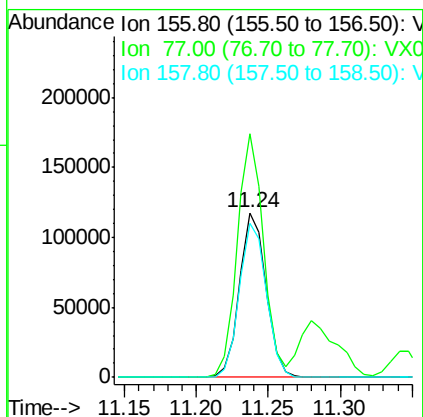
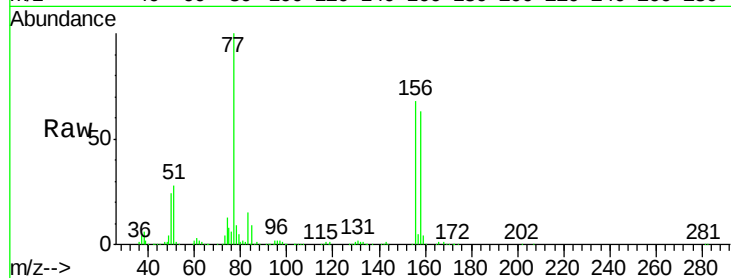
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	150104
Ion Ratio	Lower	Upper	
156	100		
77	147.0	79.6	238.8
158	95.5	48.1	144.4

Manual Integrations
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6/12/2020 5:45:34 PM



#78

n-propylbenzene

Concen: 46.709 ug/l

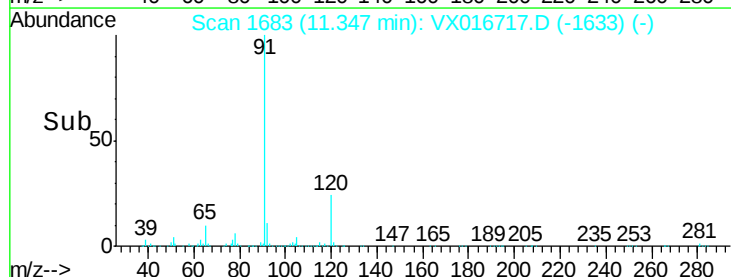
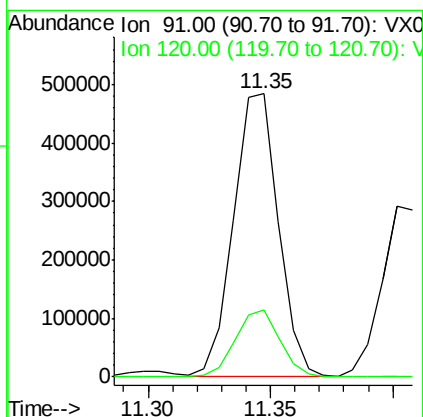
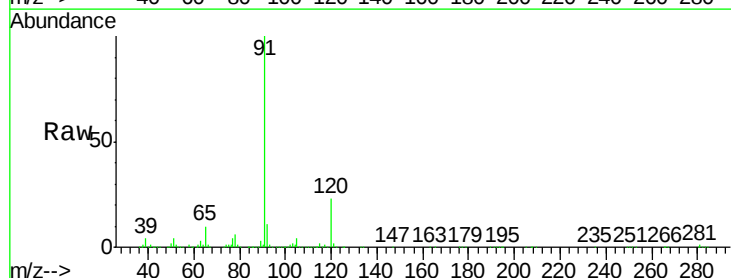
RT: 11.35 min Scan# 1683

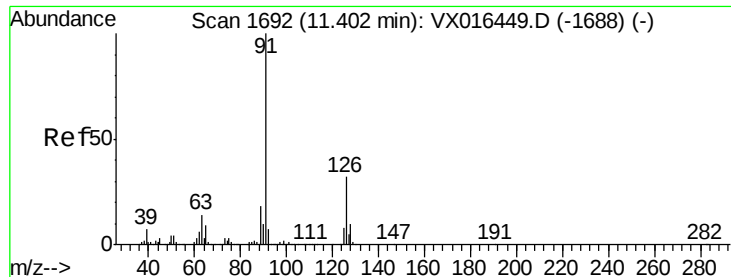
Delta R.T. 0.01 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

Tgt Ion:	91	Resp:	611864
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.6	34.7





#79

2-Chlorotoluene

Concen: 47.317 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016717.D

Acq: 11 Jun 2020 20:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 378345

Ion Ratio Lower Upper

91 100

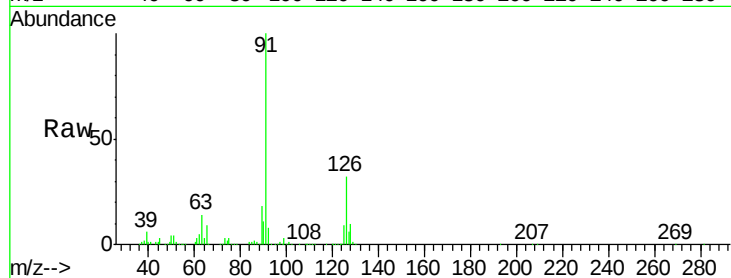
126 34.2 16.8 50.3

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Abundance Ion 91.00 (90.70 to 91.70): VX016449.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX016449.D (-1688) (-)

500000

400000

300000

200000

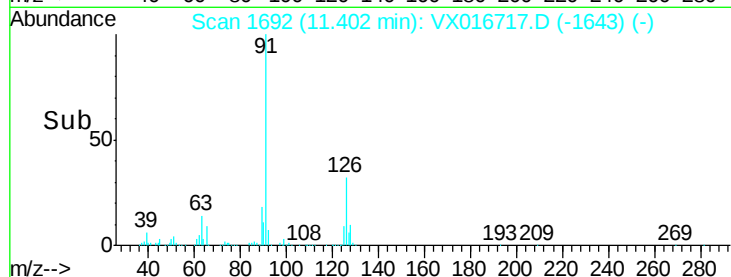
100000

0

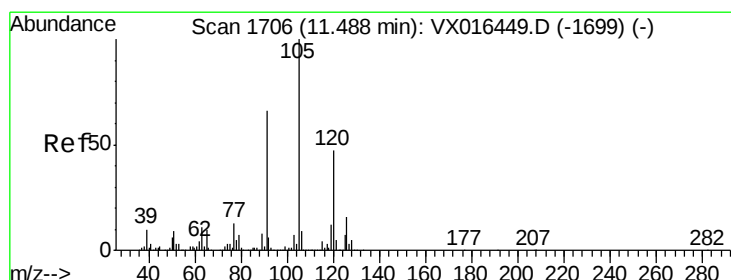
11.35

11.40

11.45



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 49.077 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016717.D

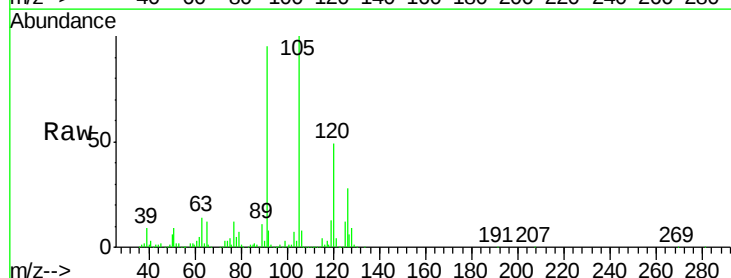
Acq: 11 Jun 2020 20:06

Tgt Ion: 105 Resp: 480477

Ion Ratio Lower Upper

105 100

120 48.4 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX016449.D (-1699) (-)

Ion 120.00 (119.70 to 120.70): VX016449.D (-1699) (-)

400000

300000

200000

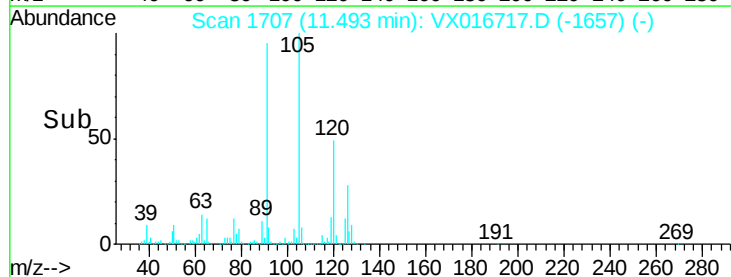
100000

0

11.40

11.50

11.60



Time-->



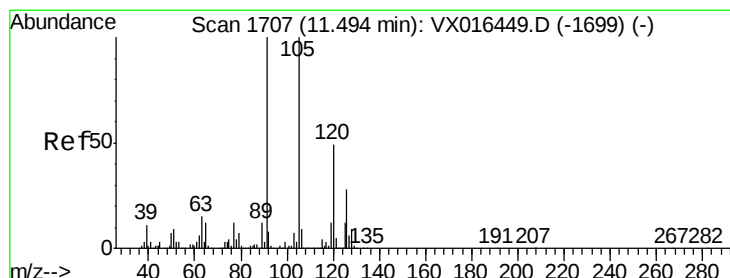
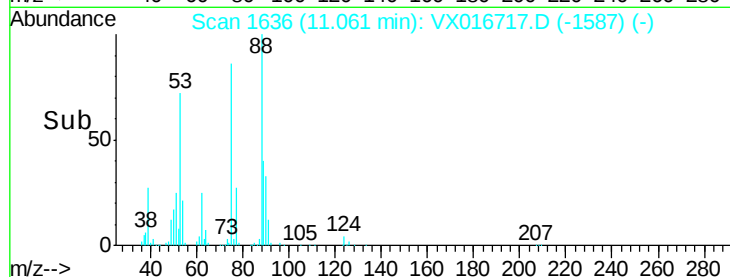
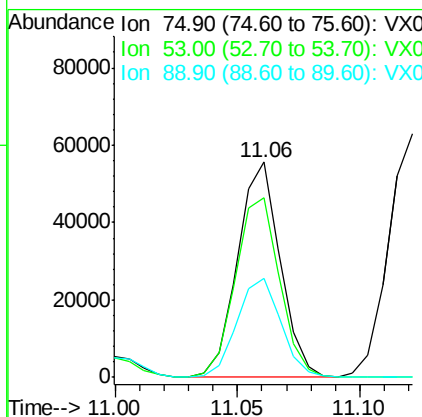
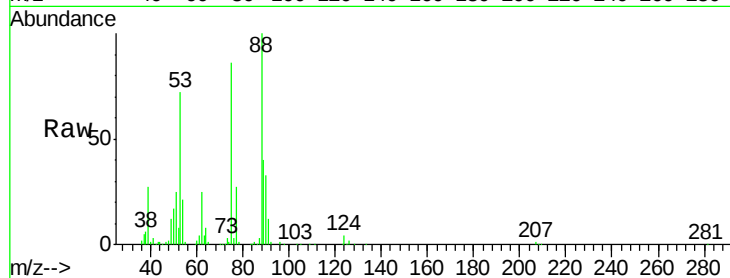
#81
trans-1,4-Dichloro-2-butene
Concen: 44.274 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	86.9	71.3	106.9
89	47.8	36.6	55.0

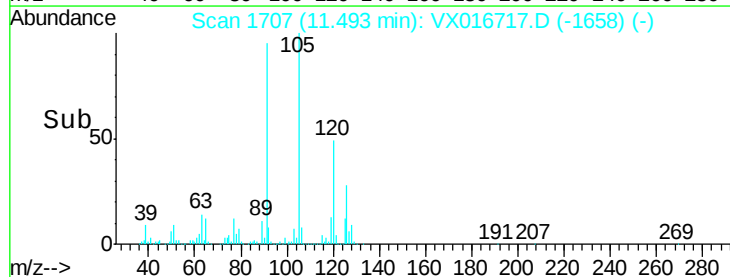
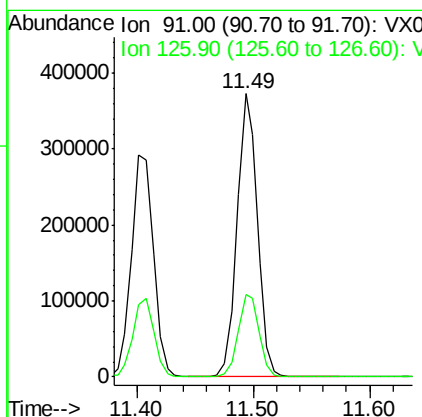
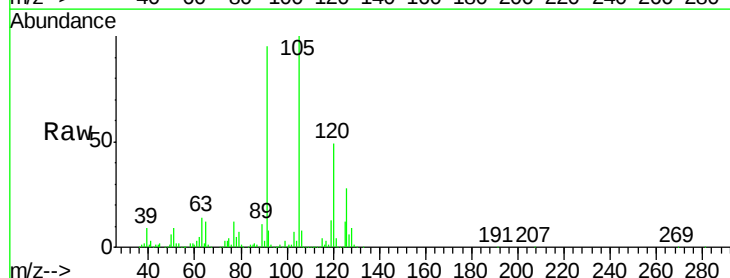
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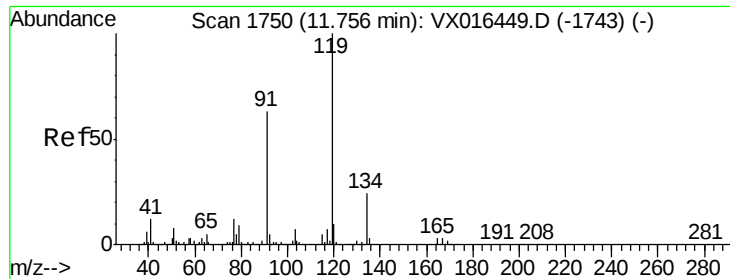
MMDadoda
6/12/2020 5:45:34 PM



#82
4-Chlorotoluene
Concen: 48.011 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.9	14.7	44.1





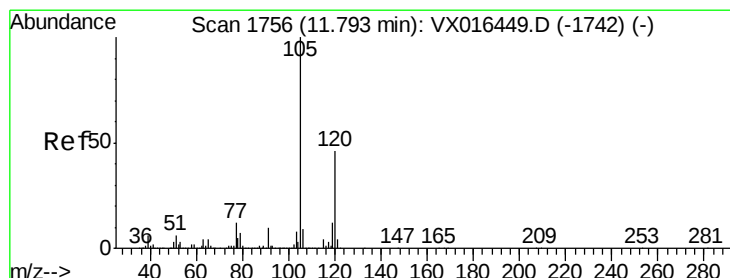
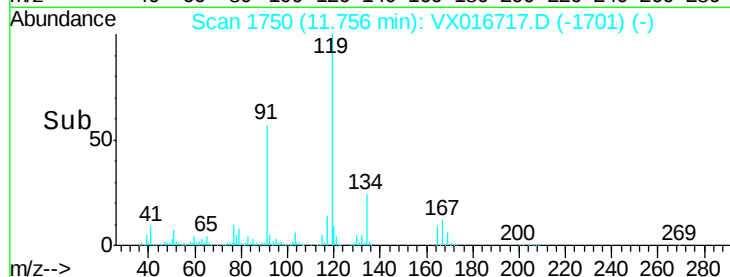
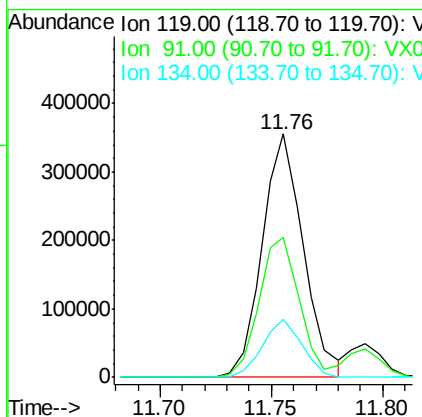
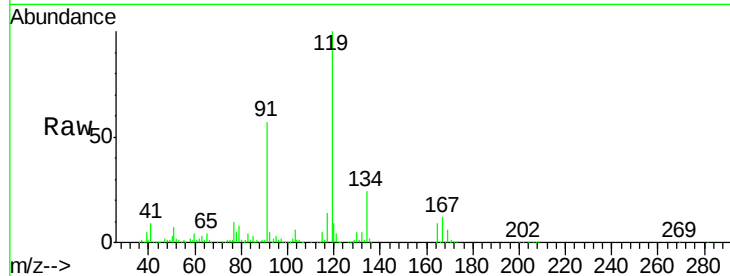
#83
tert-Butylbenzene
Concen: 54.391 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	455006		
91	56.1	31.3	93.8	
134	23.0	12.0	36.0	

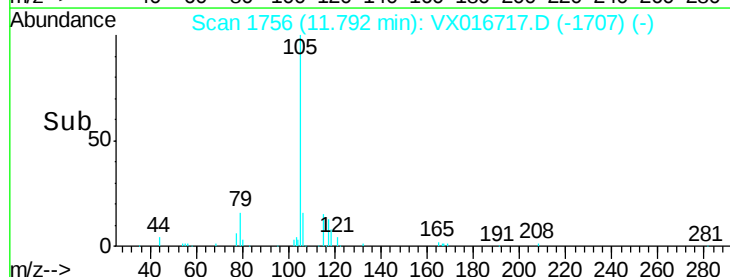
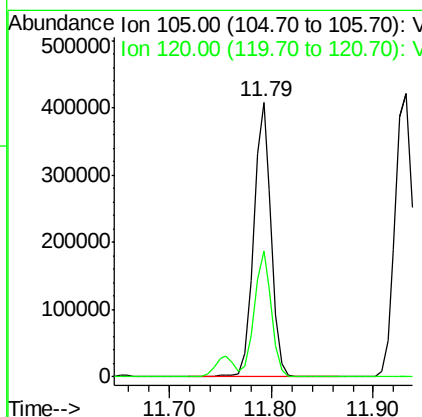
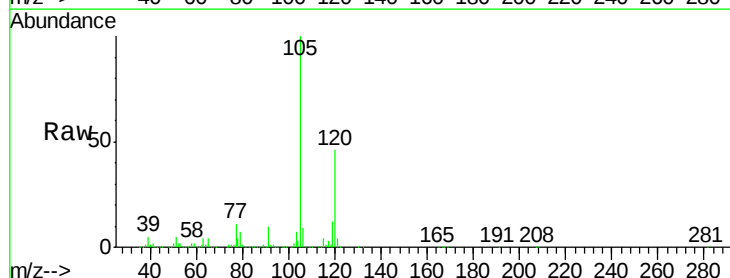
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#84
1,2,4-Trimethylbenzene
Concen: 48.923 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	484397		
120	45.3	22.6	67.7	





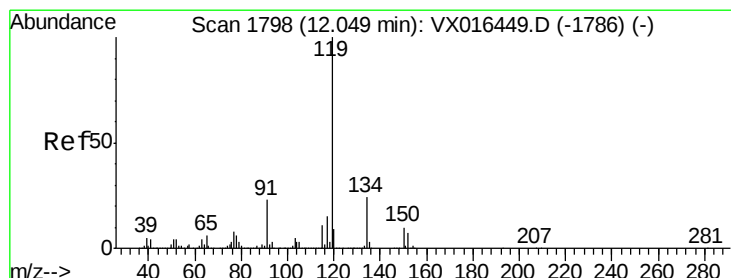
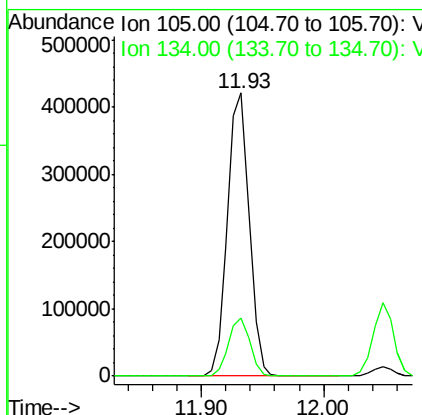
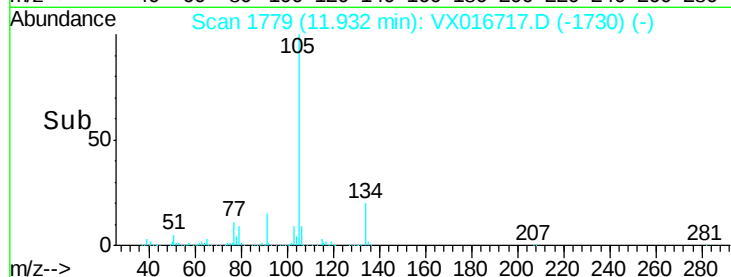
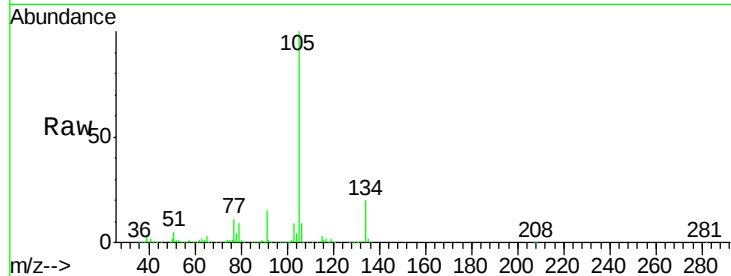
#85
 sec-Butylbenzene
 Concen: 49.120 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016717.D
 Acq: 11 Jun 2020 20:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.4	10.1	30.3

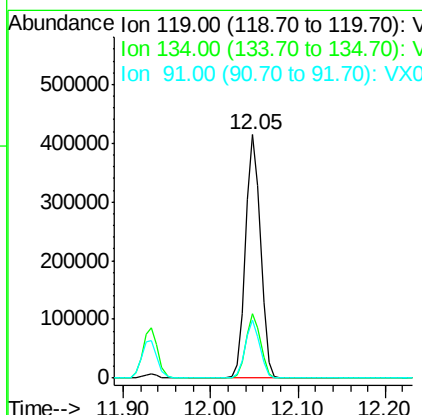
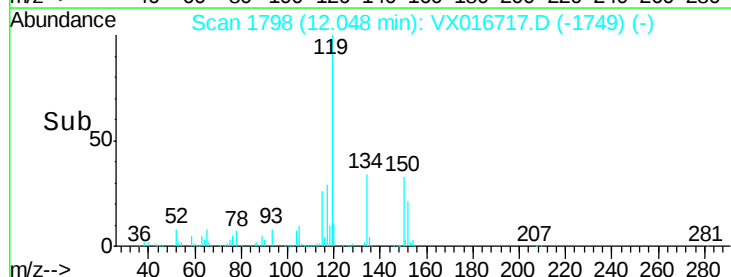
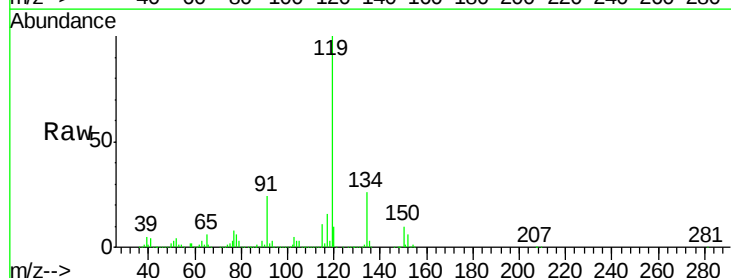
Manual Integrations
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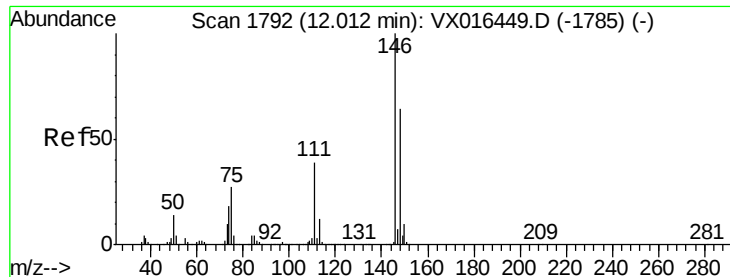
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#86
 p-Isopropyltoluene
 Concen: 50.203 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016717.D
 Acq: 11 Jun 2020 20:06

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.7	38.0
91	23.1	11.7	35.0





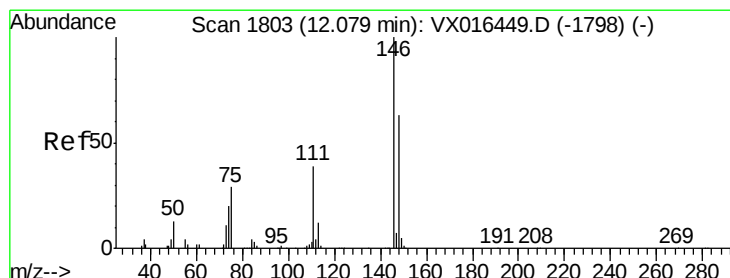
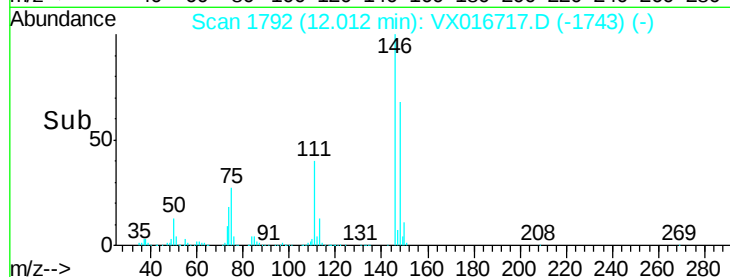
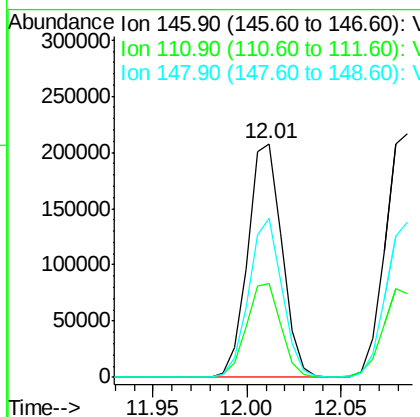
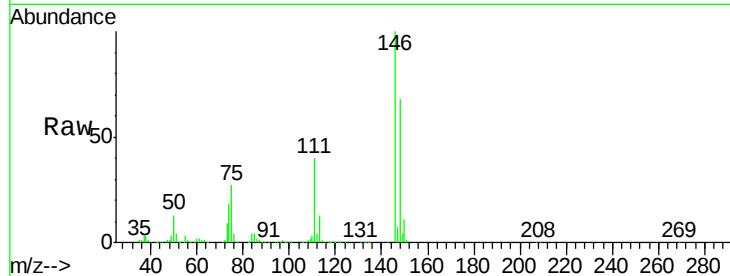
#87
 1,3-Dichlorobenzene
 Concen: 49.147 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016717.D
 Acq: 11 Jun 2020 20:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.0	60.0
148	66.3	31.9	95.5

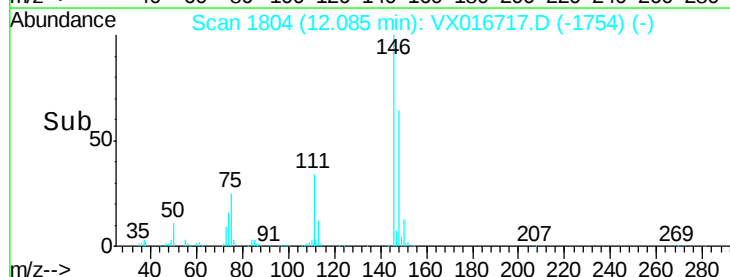
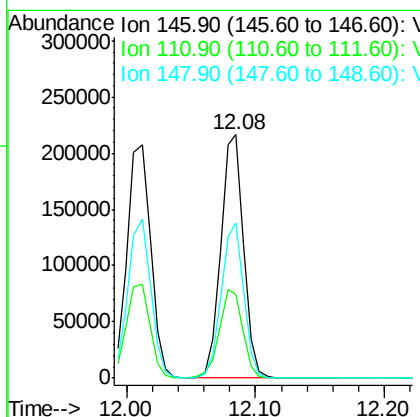
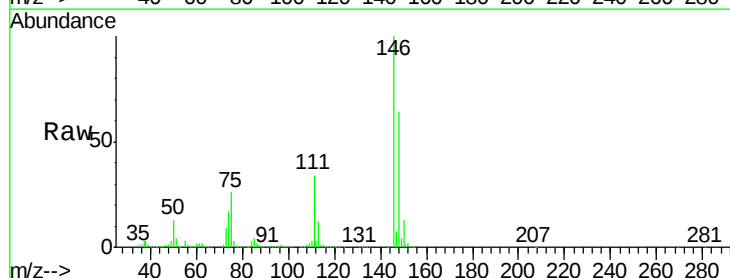
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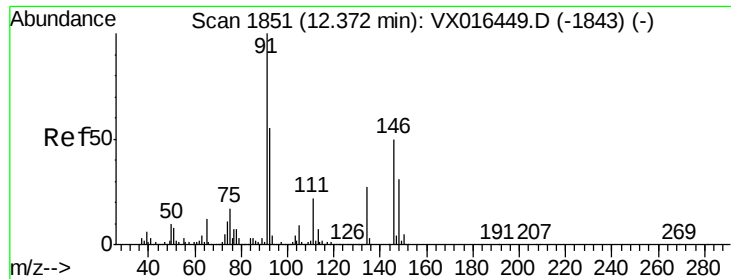
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#88
 1,4-Dichlorobenzene
 Concen: 49.509 ug/l
 RT: 12.08 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX016717.D
 Acq: 11 Jun 2020 20:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.4	58.2
148	63.2	31.4	94.3





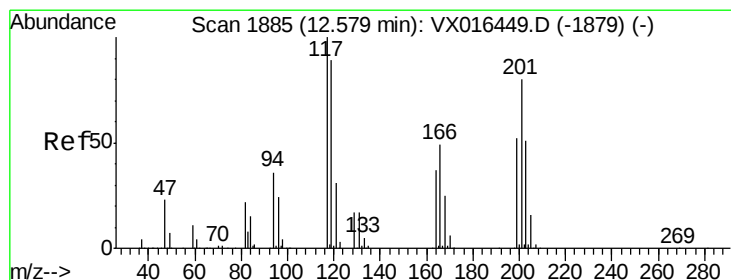
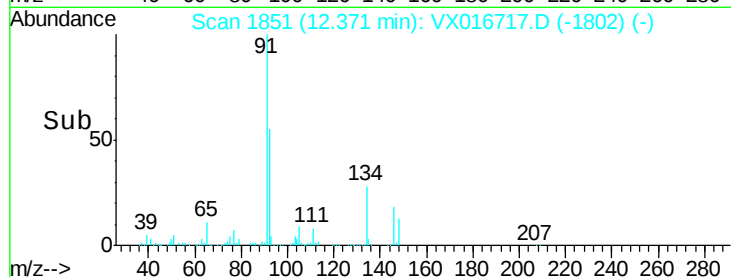
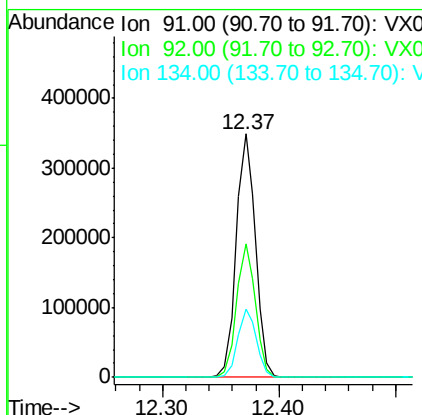
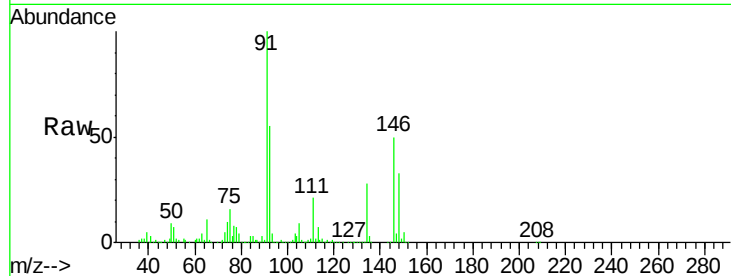
#89
n-Butylbenzene
Concen: 48.998 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.6	27.2	81.5
134	27.4	13.1	39.3

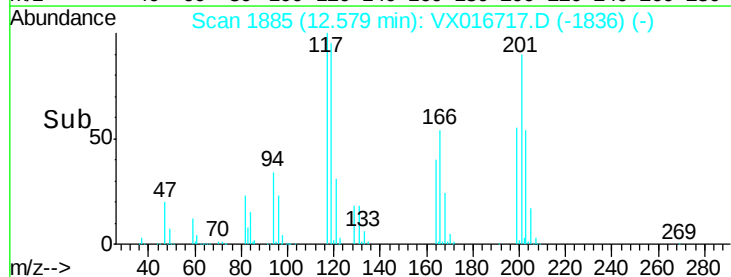
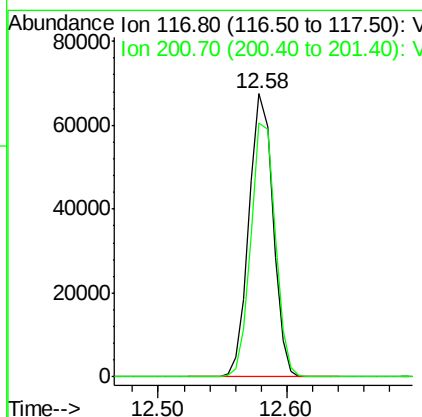
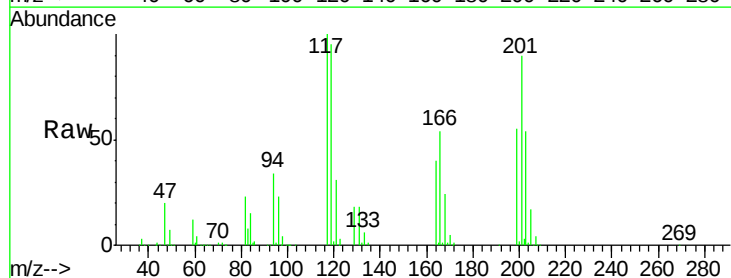
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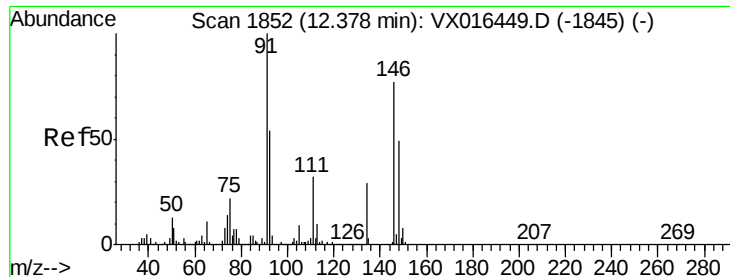
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#90
Hexachloroethane
Concen: 50.882 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.6	43.1	129.3





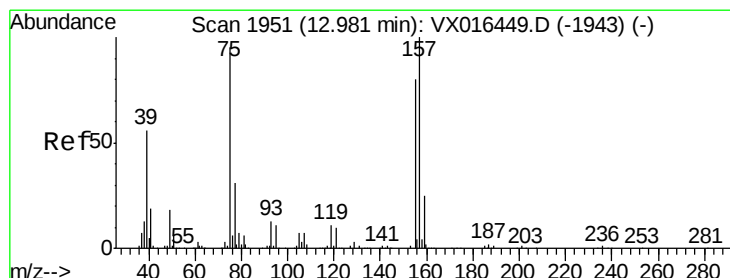
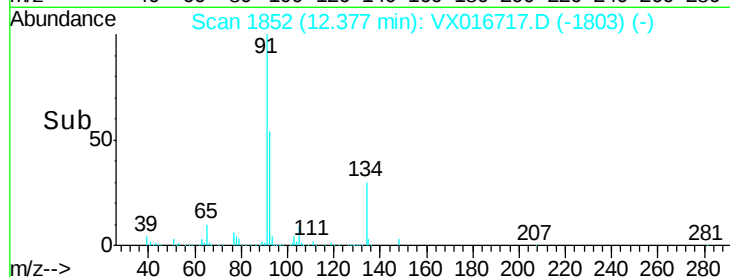
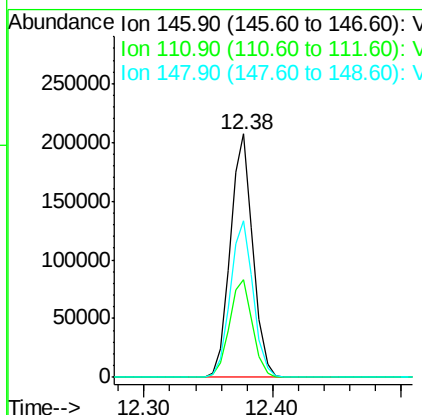
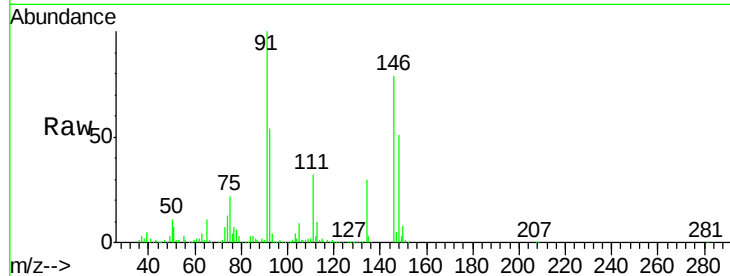
#91
 1,2-Dichlorobenzene
 Concen: 49.002 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016717.D
 Acq: 11 Jun 2020 20:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	252944		
111	41.4	21.4	64.3	
148	65.4	31.9	95.7	

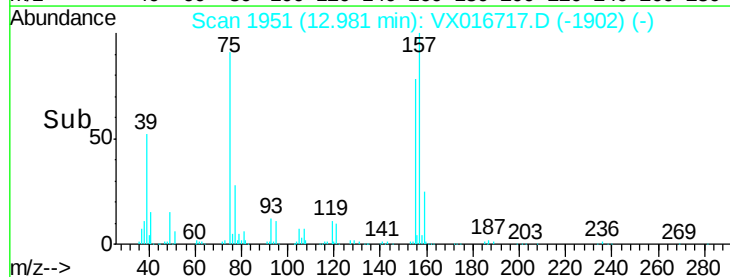
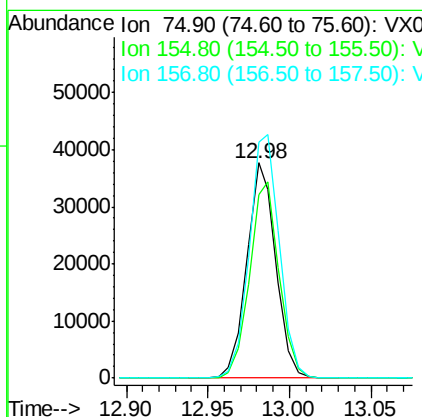
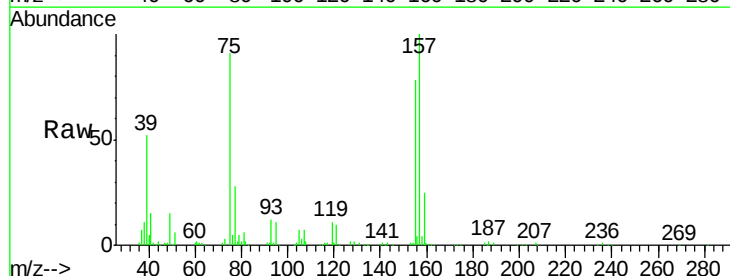
Manual Integrations
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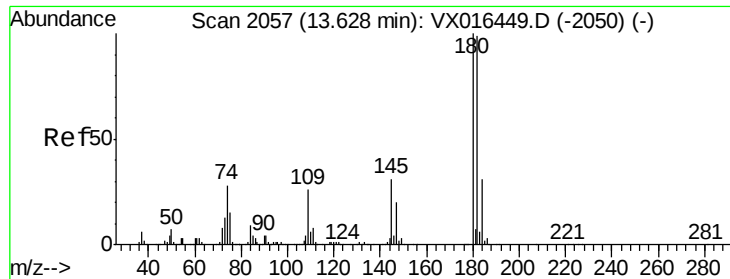
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 6/12/2020 5:45:34 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.795 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016717.D
 Acq: 11 Jun 2020 20:06

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	46444		
155	92.6	44.1	132.4	
157	117.7	57.8	173.3	





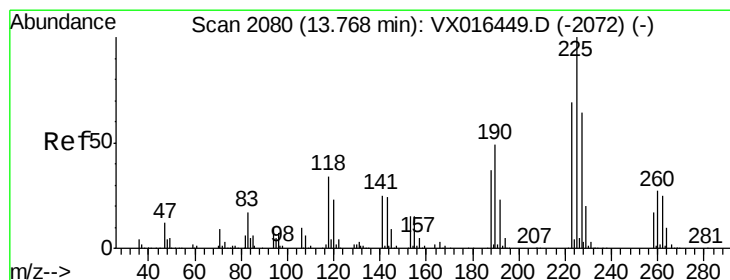
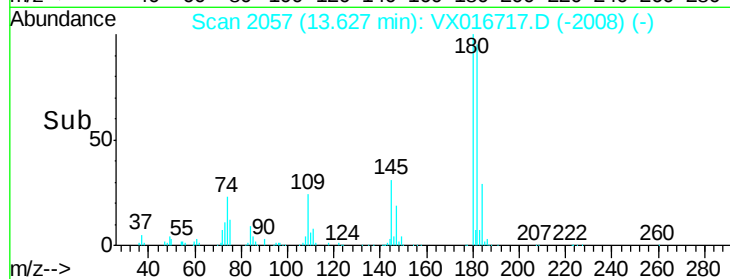
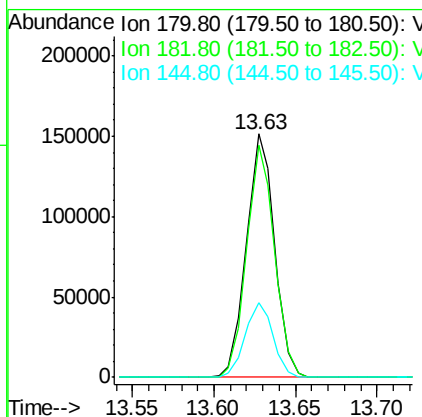
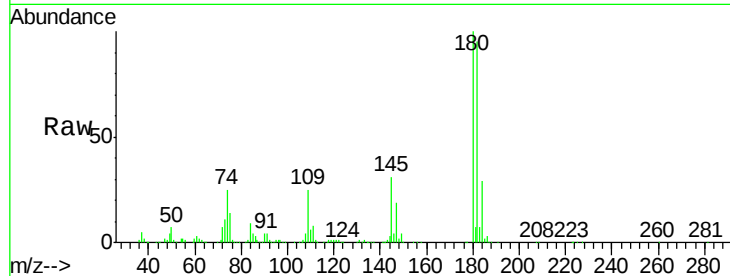
#93
 1,2,4-Trichlorobenzene
 Concen: 53.201 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016717.D
 Acq: 11 Jun 2020 20:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	182386		
182	94.3	48.3	144.8	
145	30.5	15.4	46.2	

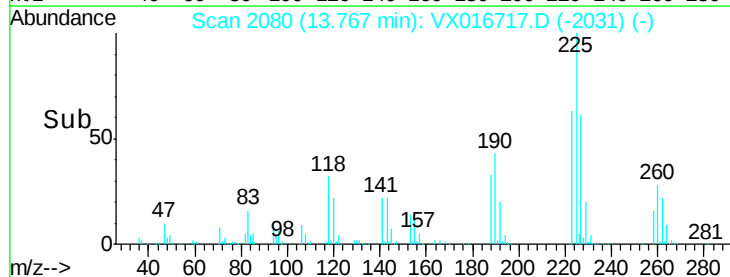
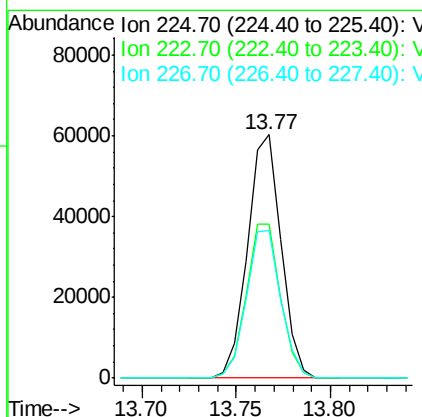
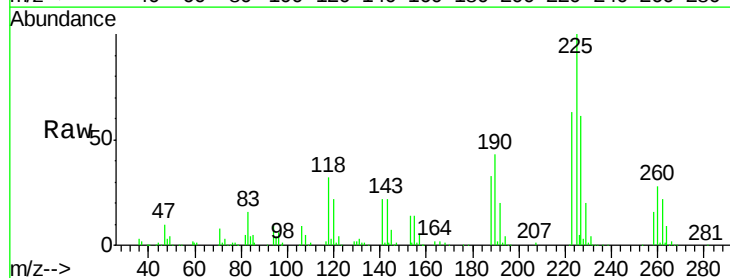
Manual Integrations
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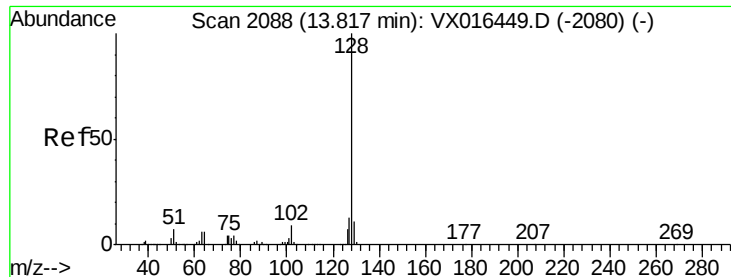
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#94
 Hexachlorobutadiene
 Concen: 55.148 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX016717.D
 Acq: 11 Jun 2020 20:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	74229		
223	64.7	32.3	96.8	
227	62.3	31.6	94.7	





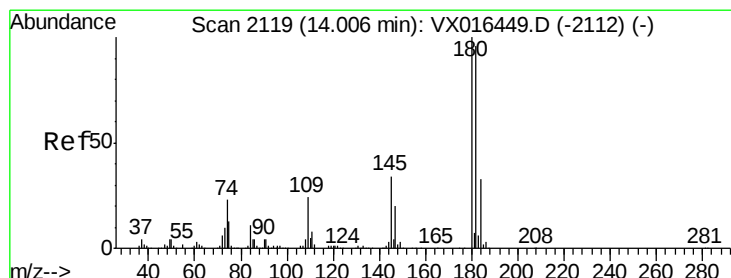
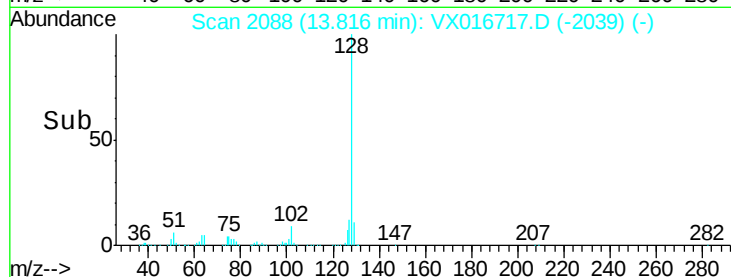
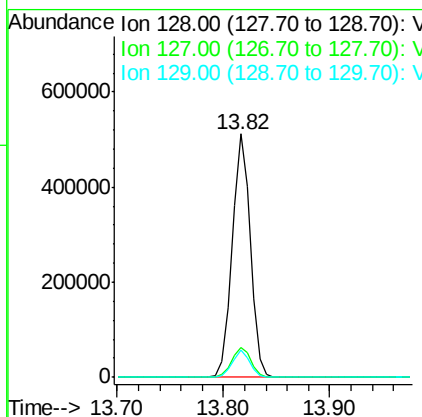
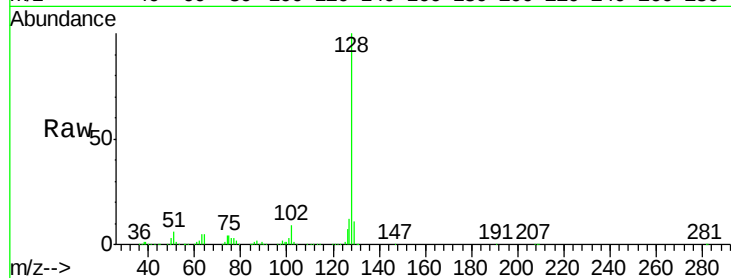
#95
Naphthalene
Concen: 52.074 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	15.8
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/12/2020 5:45:34 PM



#96
1,2,3-Trichlorobenzene
Concen: 53.659 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX016717.D
Acq: 11 Jun 2020 20:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.6	145.8
145	32.4	16.6	49.8

