

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061820\
 Data File : VX016870.D
 Acq On : 19 Jun 2020 04:04
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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 6/19/2020 12:50:58 PM

Quant Time: Jun 19 12:18:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	273063	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	378561	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	418029	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	201247	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	130258	39.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.32%	
35) Dibromofluoromethane	5.46	113	123619	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	
50) Toluene-d8	8.70	98	413136	42.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.28%	
62) 4-Bromofluorobenzene	11.12	95	169838	45.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	184144	54.951	ug/l	99
3) Chloromethane	1.31	50	181476	53.408	ug/l	99
4) Vinyl Chloride	1.39	62	193152	50.436	ug/l	98
5) Bromomethane	1.62	94	114538	49.671	ug/l	99
6) Chloroethane	1.71	64	111030	47.074	ug/l	99
7) Trichlorofluoromethane	1.92	101	254276	47.462	ug/l	98
8) Diethyl Ether	2.17	74	97108	46.620	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	122255	42.841	ug/l	98
10) Methyl Iodide	2.49	142	135646	49.931	ug/l	99
11) Tert butyl alcohol	3.01	59	136668	246.171	ug/l	98
12) 1,1-Dichloroethene	2.36	96	130372	44.678	ug/l	98
13) Acrolein	2.27	56	69811	207.400	ug/l	98
14) Allyl chloride	2.71	41	174471	45.202	ug/l	98
15) Acrylonitrile	3.12	53	304439	239.294	ug/l	99
16) Acetone	2.42	43	252248	211.587	ug/l	99
17) Carbon Disulfide	2.55	76	326976	43.359	ug/l	100
18) Methyl Acetate	2.75	43	148174	48.877	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	398206	47.885	ug/l	99
20) Methylene Chloride	2.84	84	128431	44.923	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	127372	46.241	ug/l	98
22) Diisopropyl ether	3.82	45	350708	47.423	ug/l	97
23) Vinyl Acetate	3.78	43	1461736	239.706	ug/l	99
24) 1,1-Dichloroethane	3.67	63	214825	46.505	ug/l	100
25) 2-Butanone	4.64	43	387189	235.985	ug/l	99
26) 2,2-Dichloropropane	4.56	77	157635	36.423	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	144769	46.761	ug/l	100
28) Bromochloromethane	4.98	49	110191	57.473	ug/l	91
29) Tetrahydrofuran	5.09	42	260993	252.574	ug/l	100
30) Chloroform	5.17	83	250495	51.364	ug/l	98
31) Cyclohexane	5.55	56	219953	54.160	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	238643	51.701	ug/l	99
36) 1,1-Dichloropropene	5.77	75	187731	53.709	ug/l	98
37) Ethyl Acetate	4.79	43	153245	49.620	ug/l	99
38) Carbon Tetrachloride	5.76	117	205881	52.494	ug/l	99

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Manual Integrations
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Quant Time: Jun 19 12:18:09 2020
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 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	246207	60.579	ug/l	97
40) Benzene	6.11	78	501067	47.775	ug/l	99
41) Methacrylonitrile	5.00	41	109032	65.030	ug/l	97
42) 1,2-Dichloroethane	6.16	62	176731	47.354	ug/l	100
43) Isopropyl Acetate	6.42	43	256471	47.555	ug/l	99
44) Trichloroethene	7.19	130	187500	58.374	ug/l	99
45) 1,2-Dichloropropane	7.49	63	165205	62.659	ug/l	95
46) Dibromomethane	7.64	93	104737	58.577	ug/l	99
47) Bromodichloromethane	7.88	83	212007	55.750	ug/l	99
48) Methyl methacrylate	7.74	41	156628	61.675	ug/l	100
49) 1,4-Dioxane	7.71	88	74673	1313.539	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	783153	241.433	ug/l	99
52) Toluene	8.76	92	329576	47.369	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	199901	47.815	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	212272	47.462	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	132567	50.464	ug/l	99
56) Ethyl methacrylate	9.16	69	196998	51.801	ug/l	99
57) 1,3-Dichloropropane	9.35	76	224237	50.353	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	496637	280.661	ug/l	99
59) 2-Hexanone	9.47	43	612117	260.583	ug/l	99
60) Dibromochloromethane	9.57	129	164526	52.208	ug/l	98
61) 1,2-Dibromoethane	9.65	107	166991	58.576	ug/l	100
64) Tetrachloroethene	9.32	164	166632	43.046	ug/l	99
65) Chlorobenzene	10.12	112	411624	48.626	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	163693	49.895	ug/l	99
67) Ethyl Benzene	10.24	91	723626	50.665	ug/l	100
68) m/p-Xylenes	10.34	106	513918	92.468	ug/l	99
69) o-Xylene	10.68	106	268148	52.179	ug/l	97
70) Styrene	10.70	104	489954	56.112	ug/l	99
71) Bromoform	10.84	173	144741	52.475	ug/l #	100
73) Isopropylbenzene	11.00	105	665993	51.399	ug/l	100
74) N-amyl acetate	10.88	43	284339	62.843	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	184789	50.506	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	180547m	49.123	ug/l	
77) Bromobenzene	11.24	156	176198	49.861	ug/l	99
78) n-propylbenzene	11.34	91	722648	49.973	ug/l	100
79) 2-Chlorotoluene	11.40	91	432918	48.930	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	548614	49.073	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	68092	45.368	ug/l	98
82) 4-Chlorotoluene	11.49	91	514188	48.442	ug/l	100
83) tert-Butylbenzene	11.76	119	517189	46.756	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	561700	48.775	ug/l	99
85) sec-Butylbenzene	11.93	105	607879	47.318	ug/l	99
86) p-Isopropyltoluene	12.05	119	584609	49.668	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	298390	46.218	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	306946	47.011	ug/l	99
89) n-Butylbenzene	12.37	91	471606	46.724	ug/l	99
90) Hexachloroethane	12.58	117	104540	49.305	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	289839	46.504	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	43323	49.939	ug/l	98

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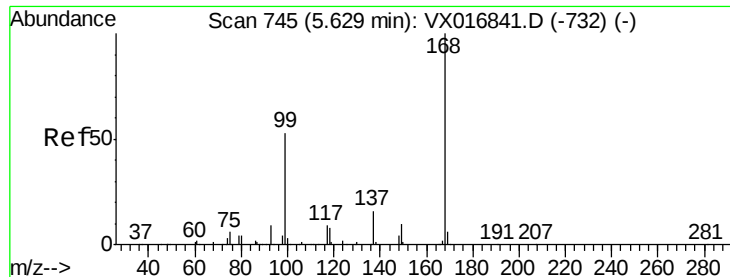
Manual Integrations
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6/19/2020 12:50:58 PM

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	203689	48.669	ug/l	99
94) Hexachlorobutadiene	13.77	225	91456	48.427	ug/l	94
95) Naphthalene	13.82	128	641753	52.230	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	199914	47.898	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 273063

Ion Ratio Lower Upper

168 100

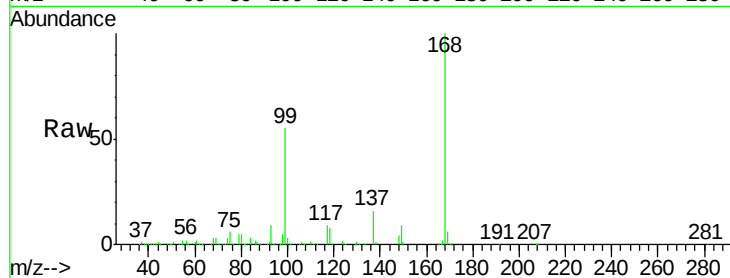
99 54.7 42.2 63.2

Manual Integrations

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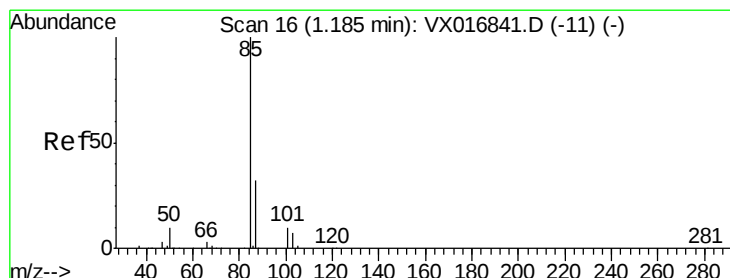
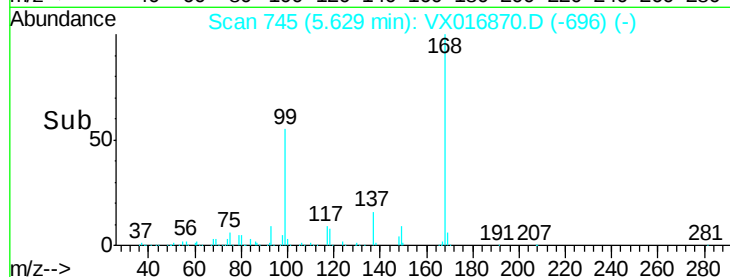
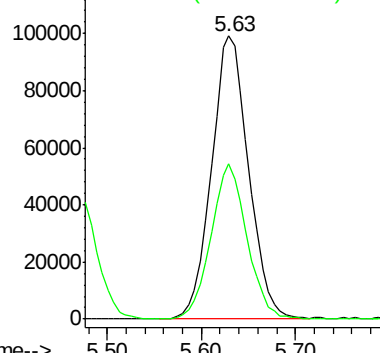
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 54.951 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016870.D

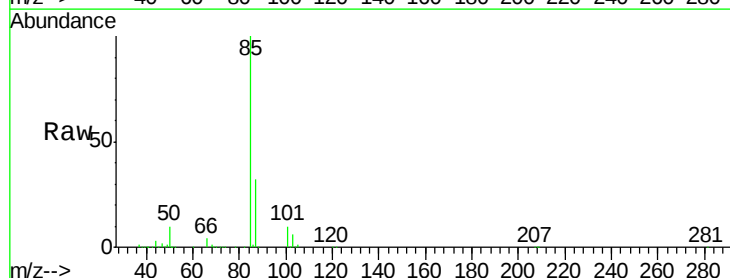
Acq: 19 Jun 2020 04:04

Tgt Ion: 85 Resp: 184144

Ion Ratio Lower Upper

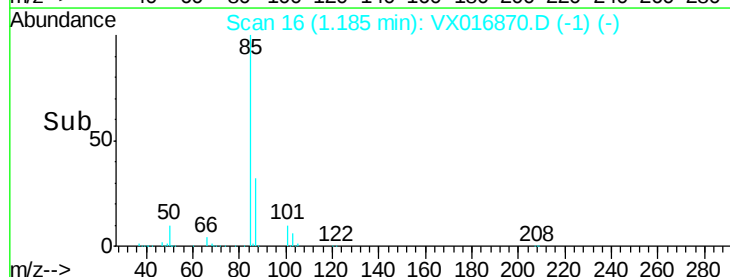
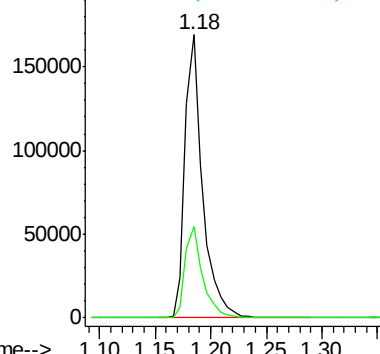
85 100

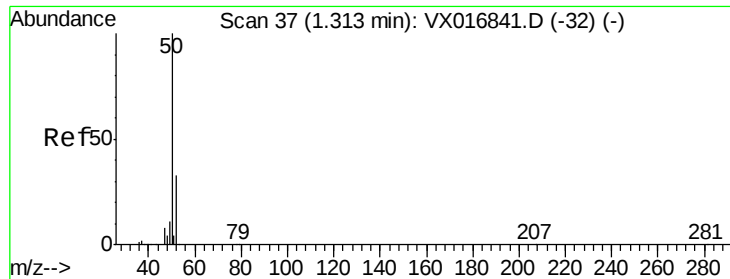
87 32.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 53.408 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 181476

Ion Ratio Lower Upper

50 100

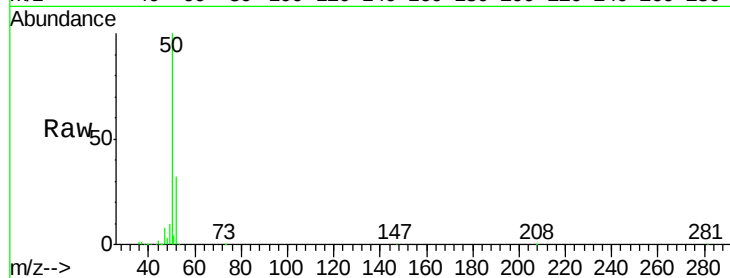
52 32.3 26.1 39.1

Manual Integrations

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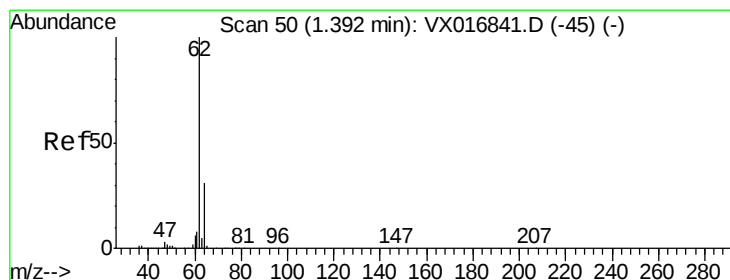
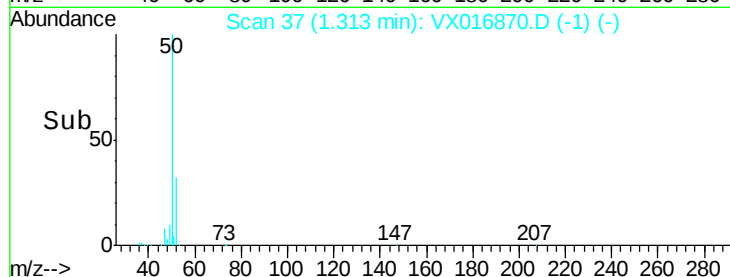
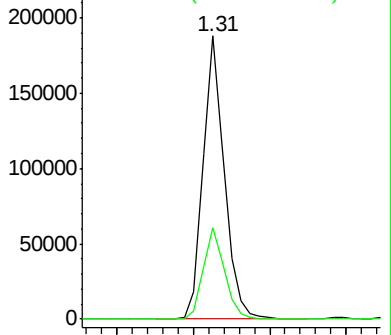
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.436 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016870.D

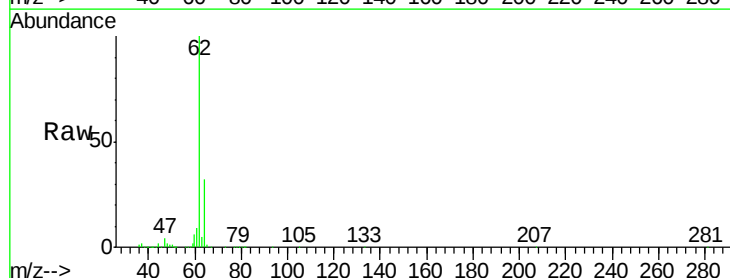
Acq: 19 Jun 2020 04:04

Tgt Ion: 62 Resp: 193152

Ion Ratio Lower Upper

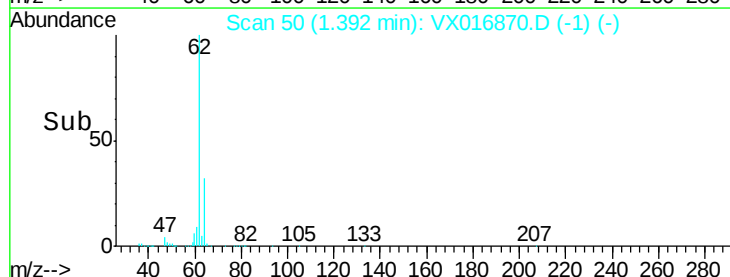
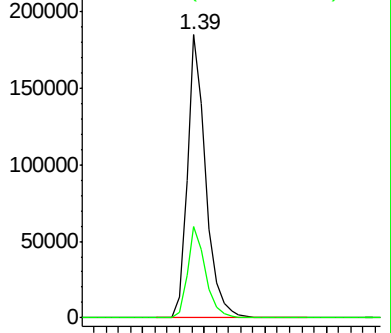
62 100

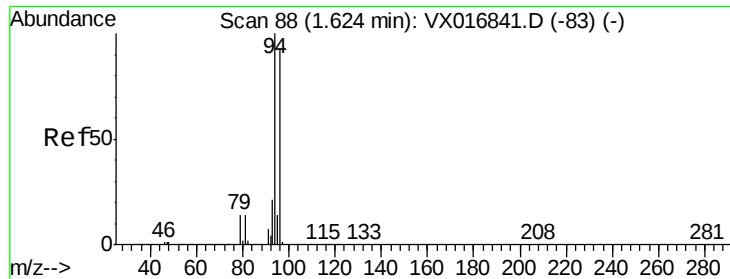
64 32.2 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 49.671 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 114538

Ion Ratio Lower Upper

94 100

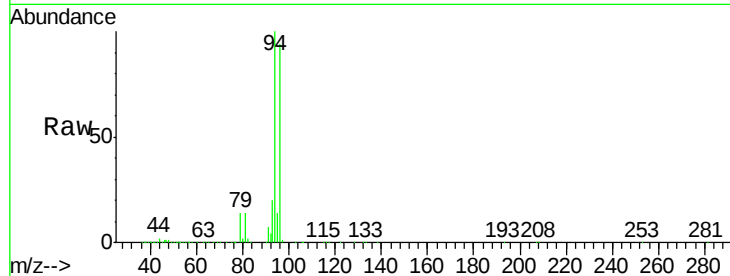
96 93.5 74.4 111.6

Manual Integrations

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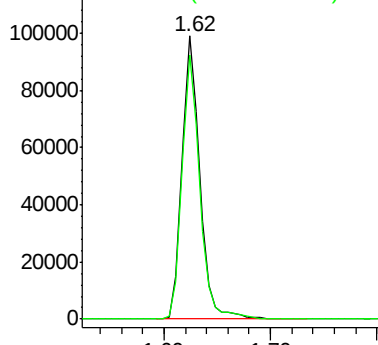
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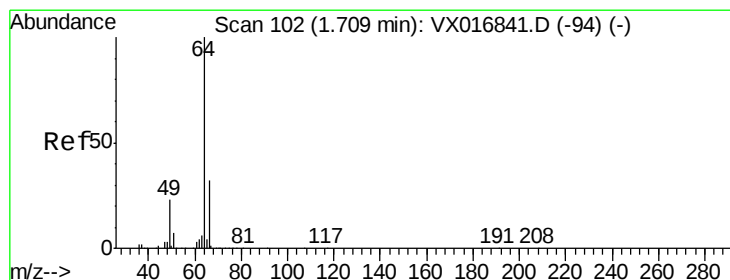
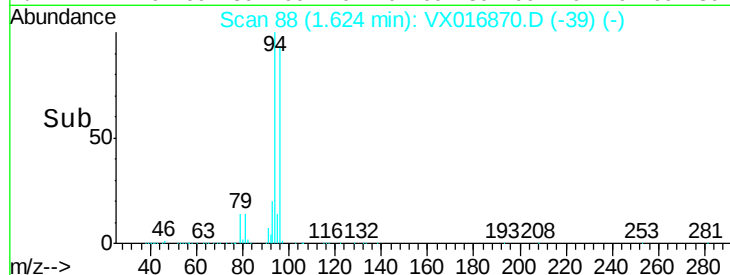


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 47.074 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX016870.D

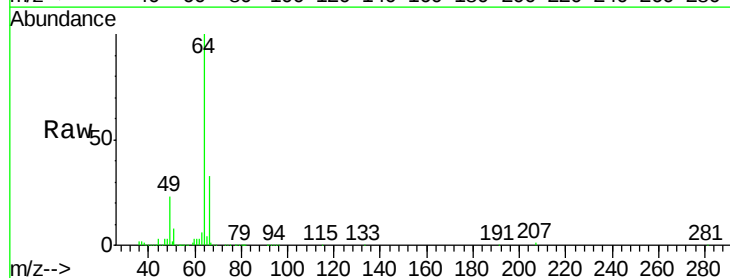
Acq: 19 Jun 2020 04:04

Tgt Ion: 64 Resp: 111030

Ion Ratio Lower Upper

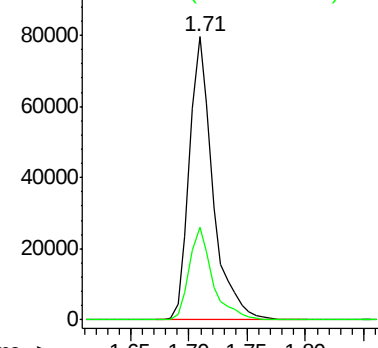
64 100

66 32.8 25.7 38.5

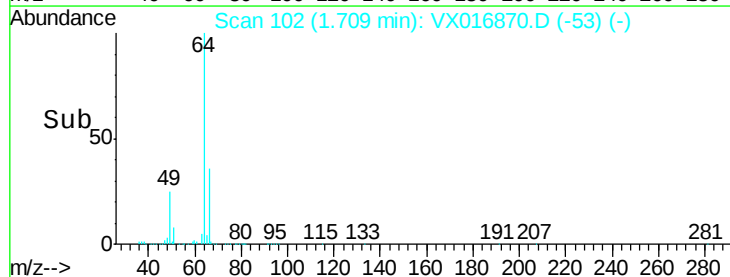


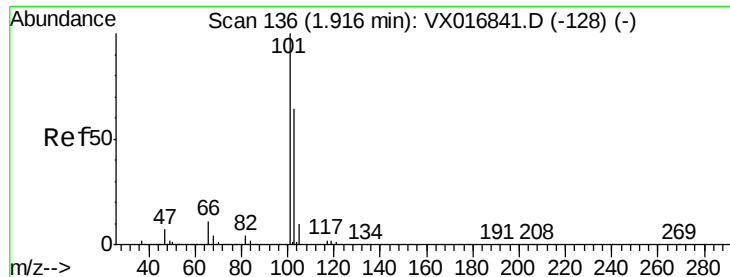
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->





#7

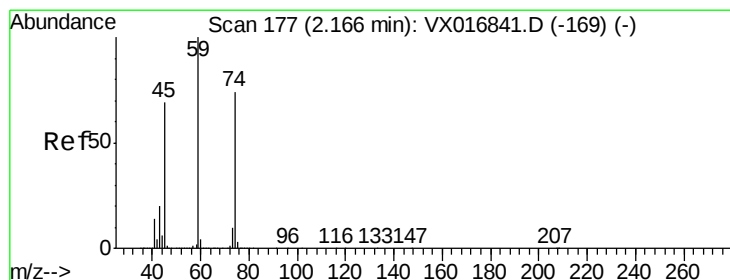
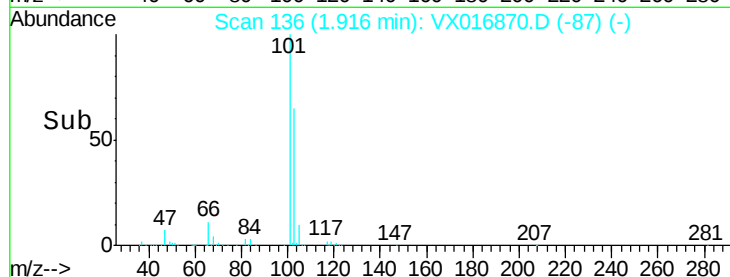
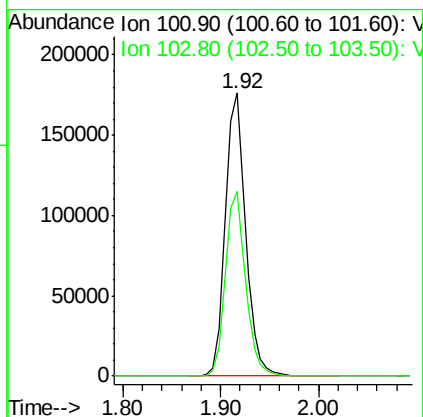
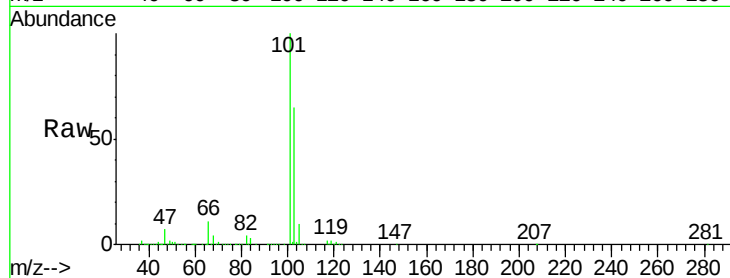
Trichlorofluoromethane
Concen: 47.462 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Instrument :
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VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	51.2	76.8

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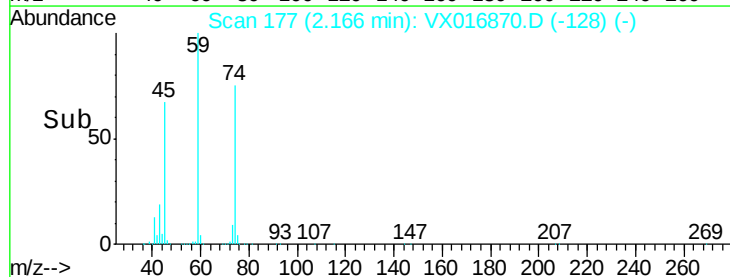
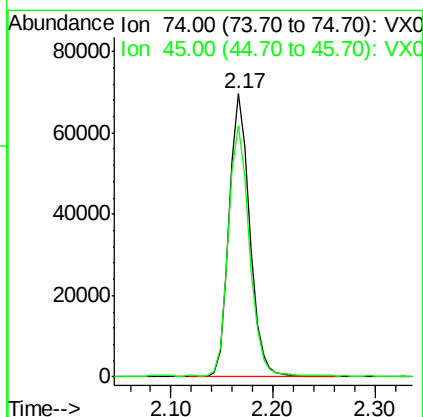
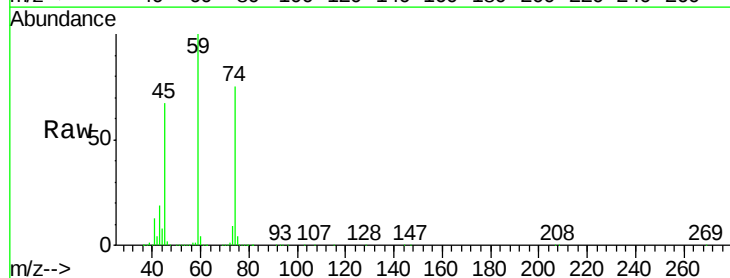
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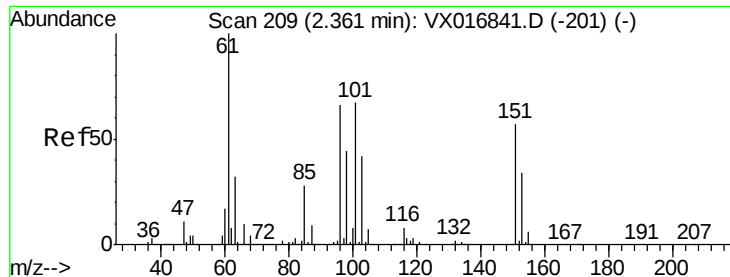


#8

Diethyl Ether
Concen: 46.620 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.7	45.3	135.8





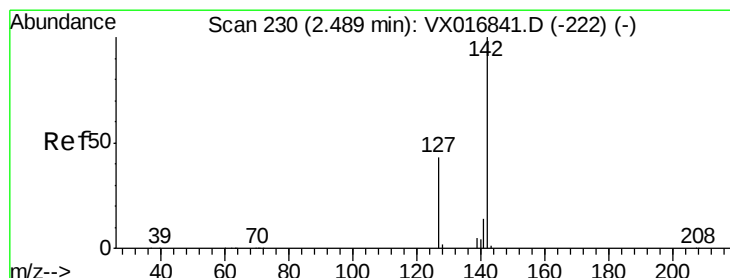
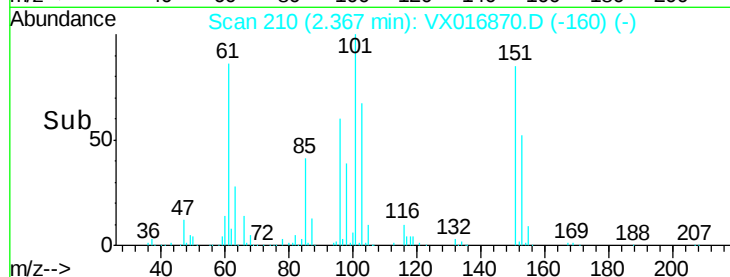
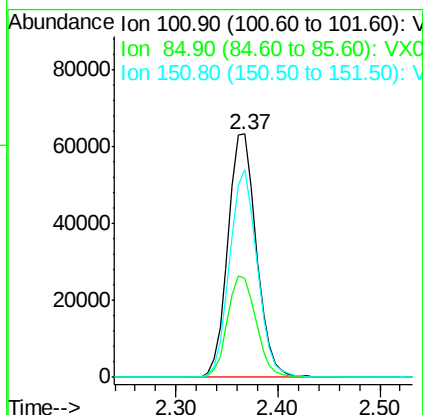
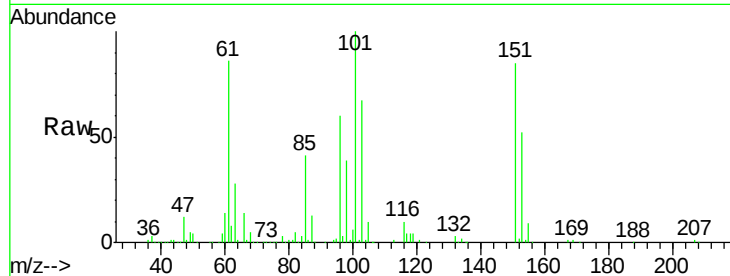
#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.841 ug/l
RT: 2.37 min Scan# 210
Delta R.T. 0.01 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
101	100	122255		
85	42.0	34.3	51.5	
151	82.7	67.6	101.4	

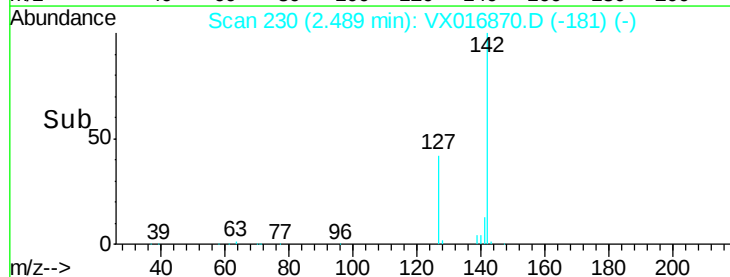
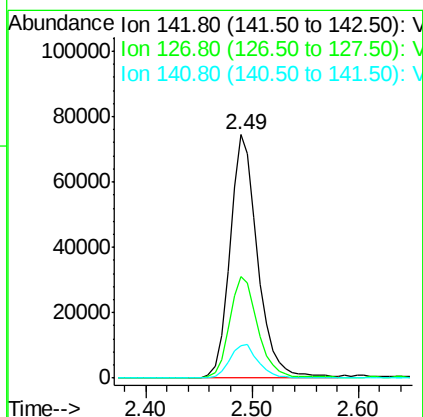
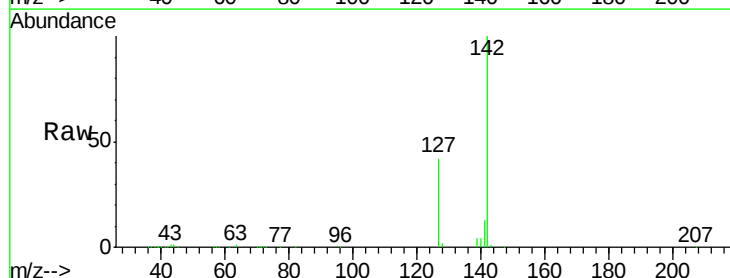
Manual Integrations
APPROVED

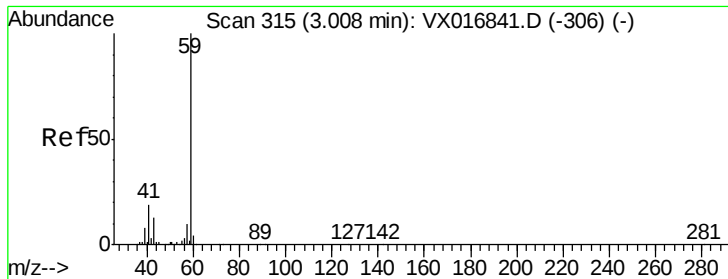
MMDadoda
6/19/2020 12:50:58 PM



#10
Methyl Iodide
Concen: 49.931 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	135646		
127	43.3	35.1	52.7	
141	14.2	11.6	17.4	





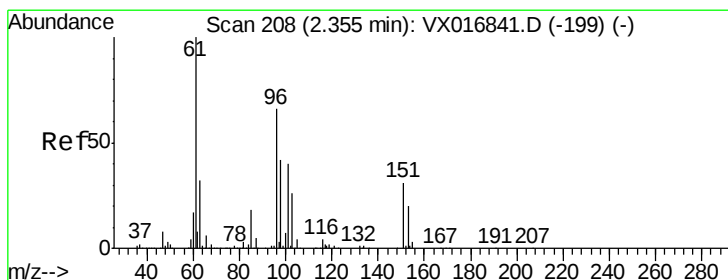
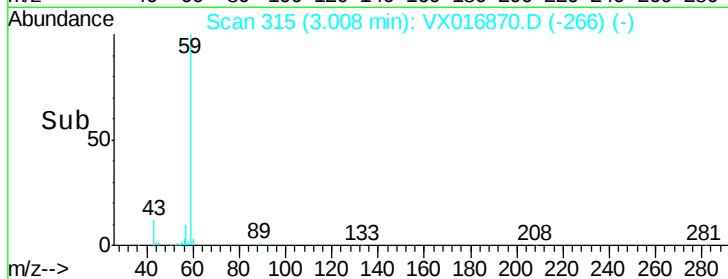
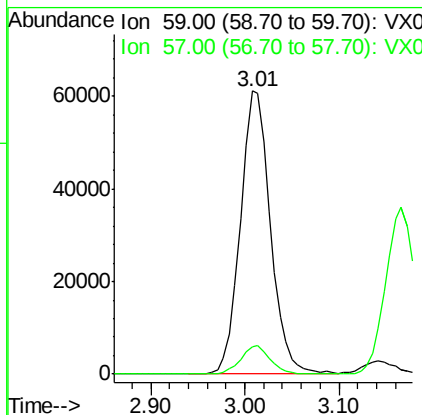
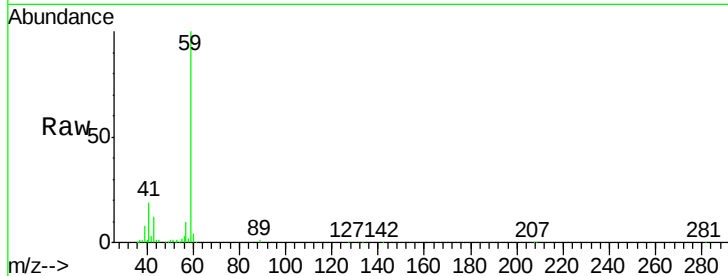
#11
Tert butyl alcohol
Concen: 246.171 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.4	12.6

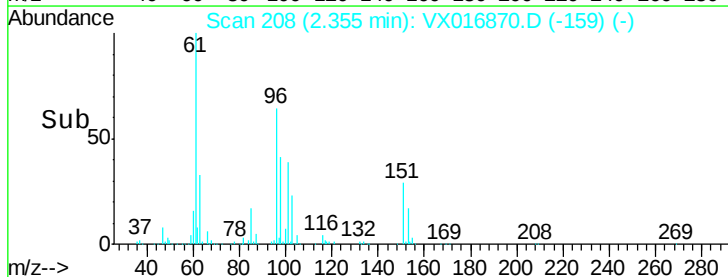
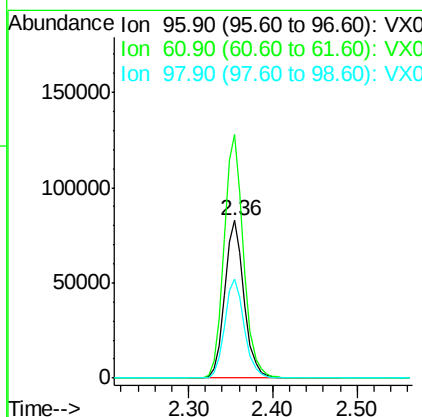
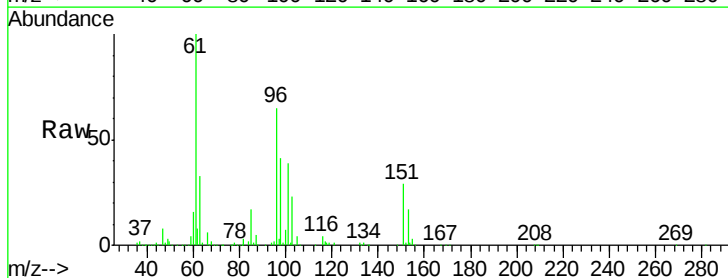
Manual Integrations
APPROVED

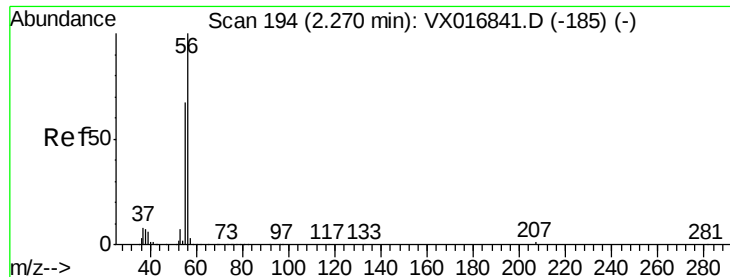
MMDadoda
6/19/2020 12:50:58 PM



#12
1,1-Dichloroethene
Concen: 44.678 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.8	121.7	182.5
98	62.9	51.1	76.7





#13

Acrolein

Concen: 207.400 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 69811

Ion Ratio Lower Upper

56 100

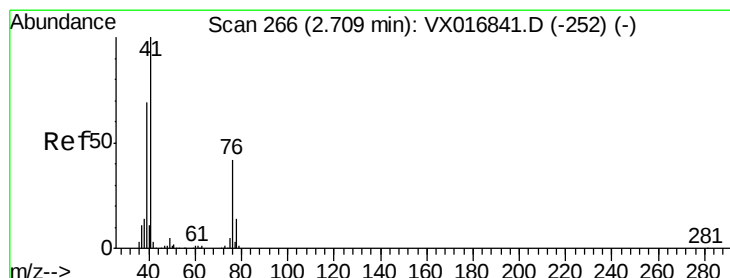
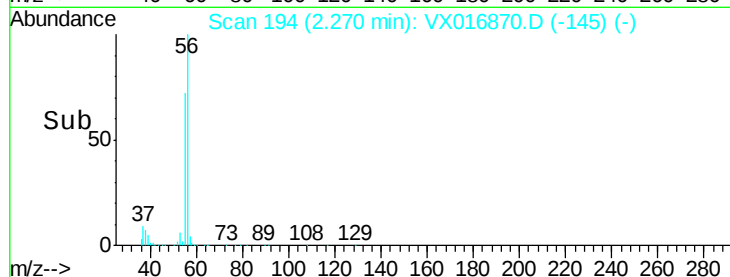
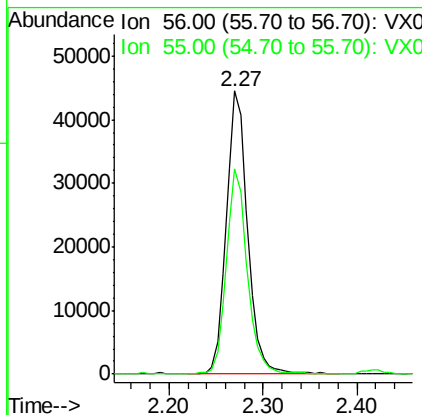
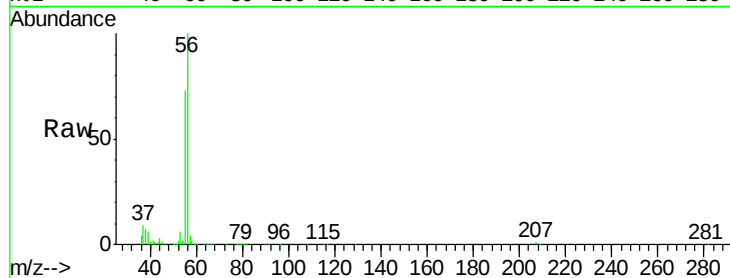
55 71.2 55.7 83.5

Manual Integrations

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#14

Allyl chloride

Concen: 45.202 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

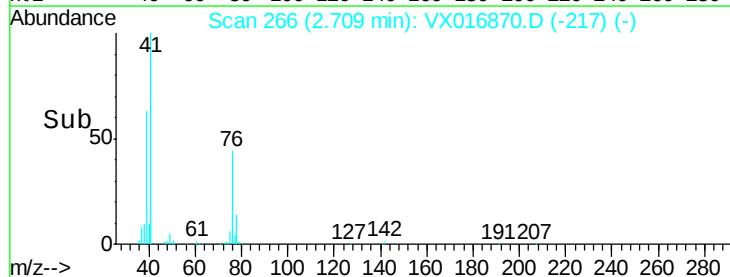
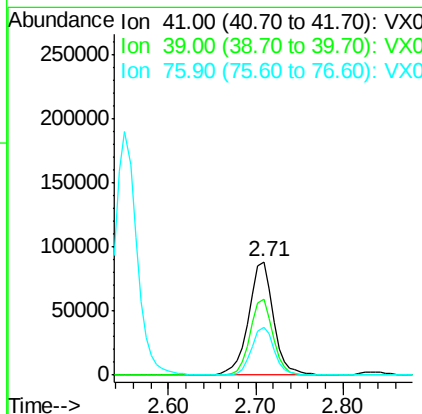
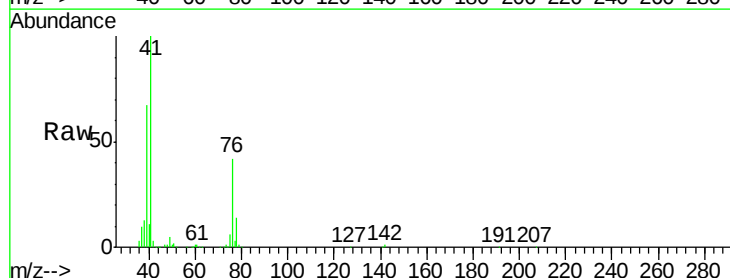
Tgt Ion: 41 Resp: 174471

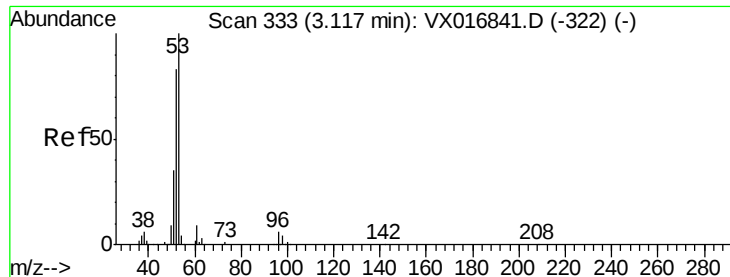
Ion Ratio Lower Upper

41 100

39 61.5 50.7 76.1

76 38.1 30.9 46.3





#15

Acrylonitrile

Concen: 239.294 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Instrument :

MSVOA_X

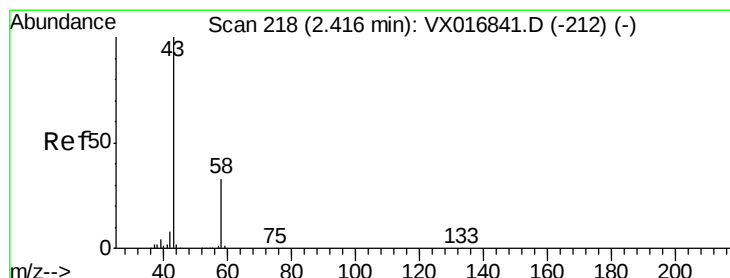
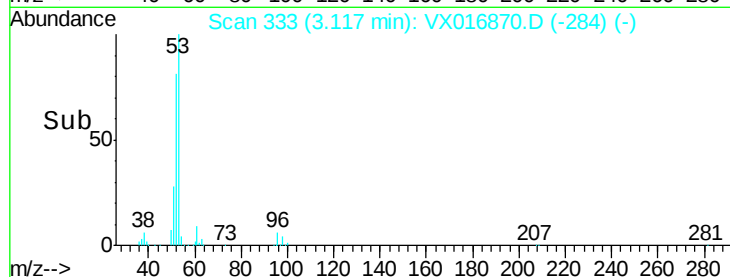
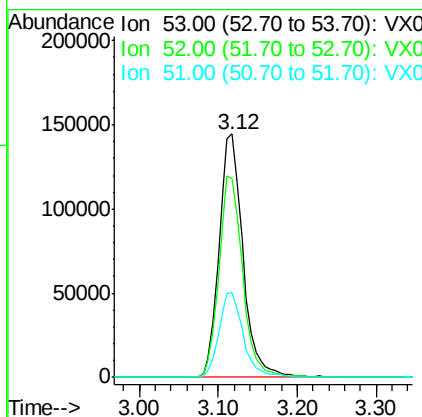
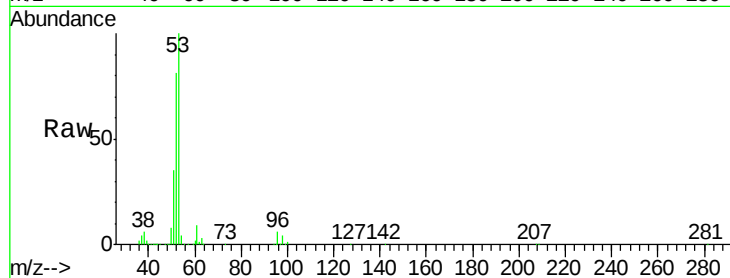
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	304439
Ion Ratio	Lower	Upper	
53	100		
52	82.0	66.2	99.2
51	35.8	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 211.587 ug/l

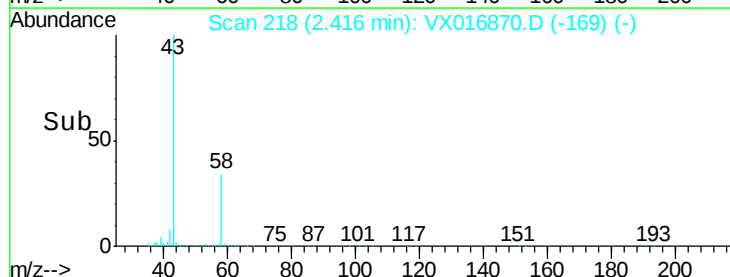
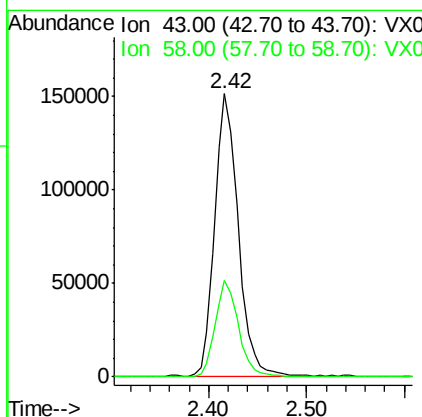
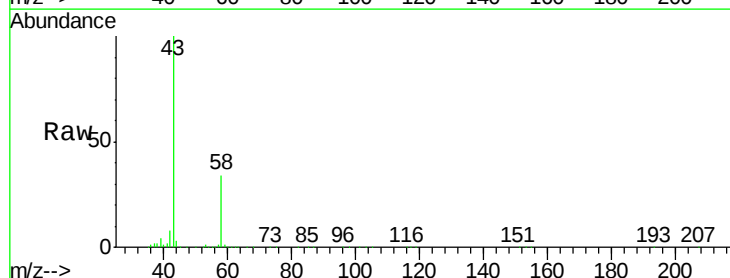
RT: 2.42 min Scan# 218

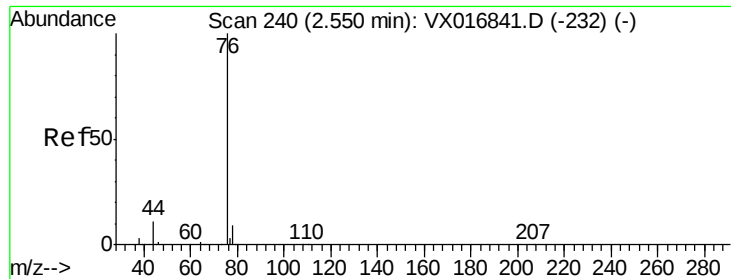
Delta R.T. 0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Tgt Ion:	43	Resp:	252248
Ion Ratio	Lower	Upper	
43	100		
58	34.0	26.6	39.8





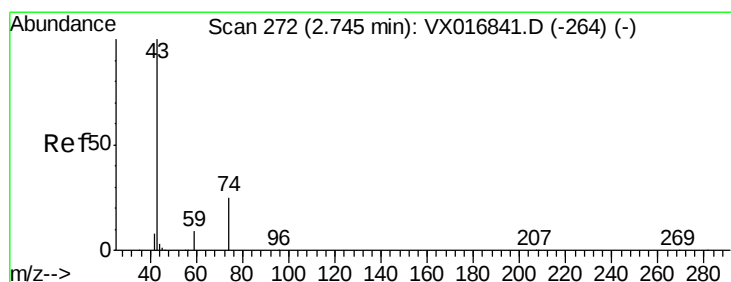
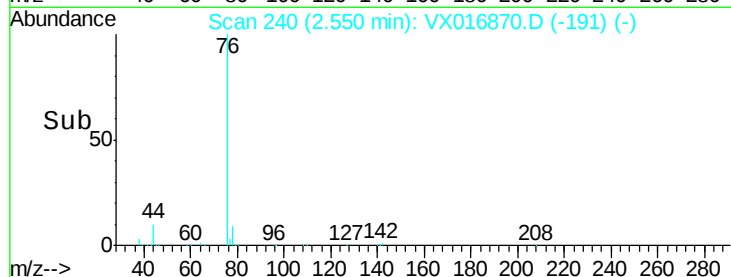
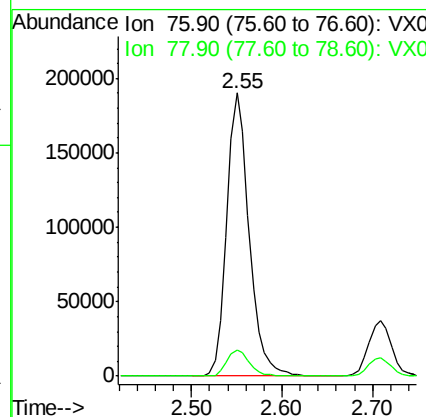
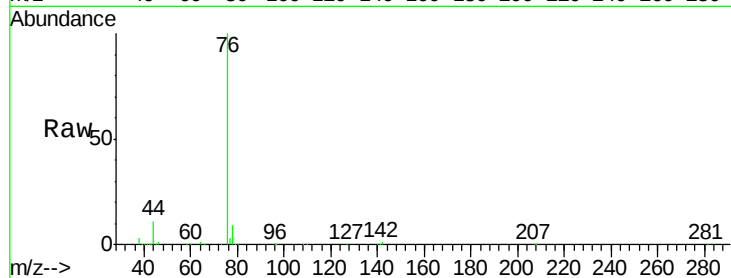
#17
Carbon Disulfide
Concen: 43.359 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.5	11.3

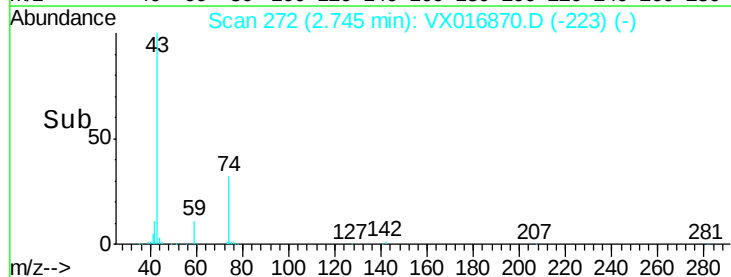
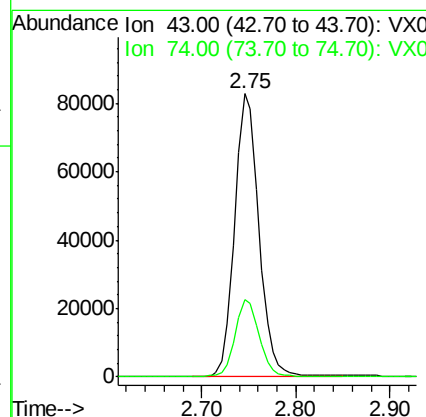
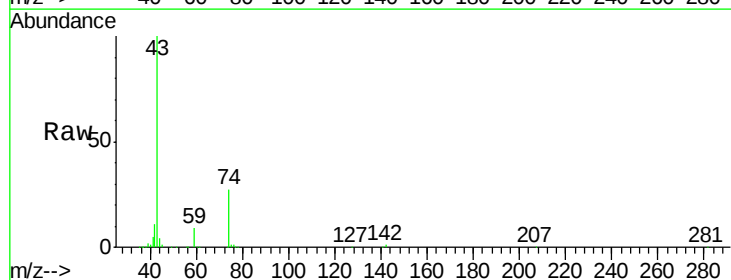
Manual Integrations
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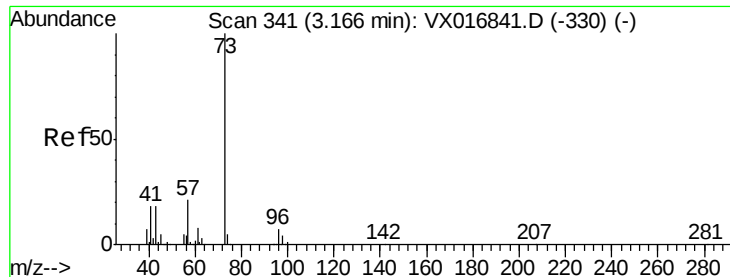
MMDadoda
6/19/2020 12:50:58 PM



#18
Methyl Acetate
Concen: 48.877 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.4	21.8	32.8





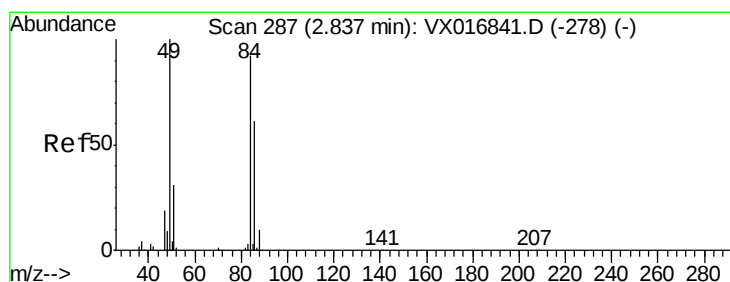
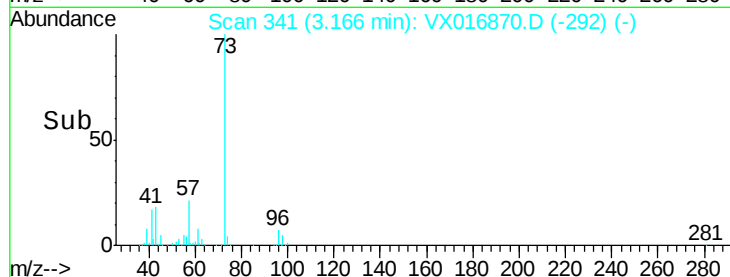
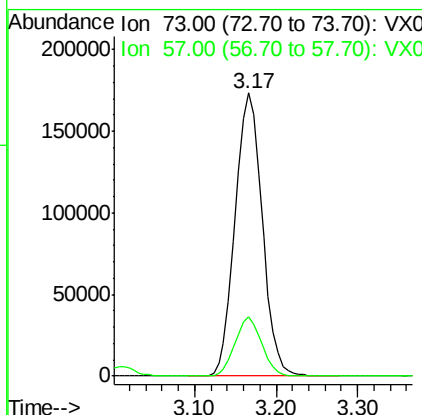
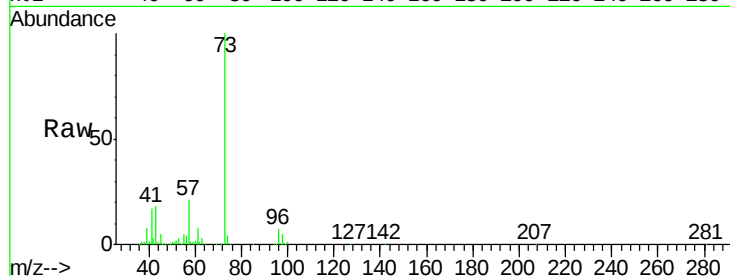
#19
Methvl tert-butvl Ether
Concen: 47.885 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.7	16.9	25.3

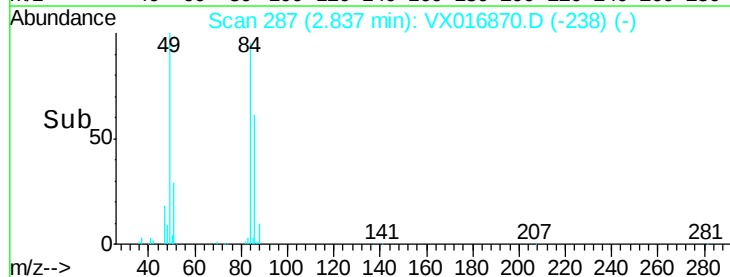
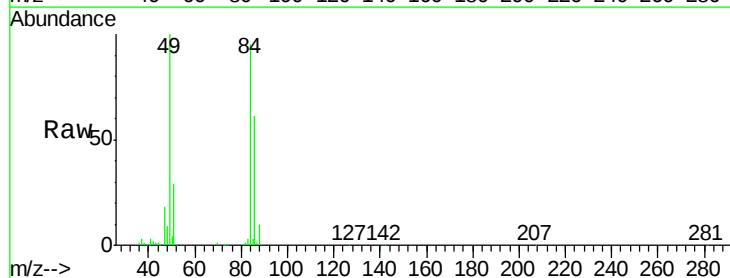
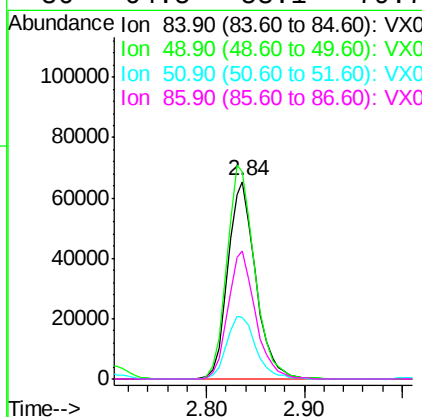
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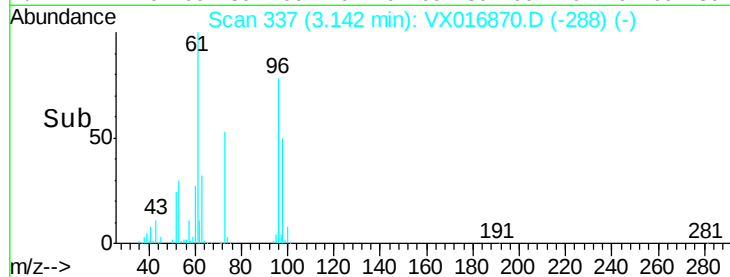
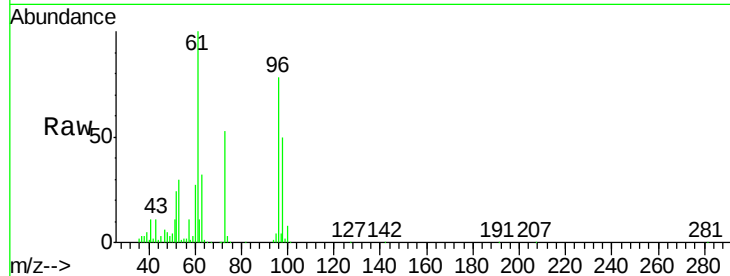
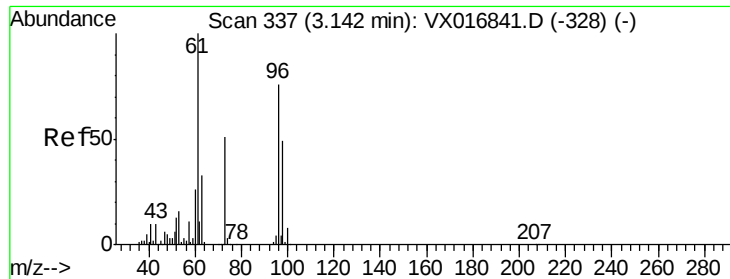
MMDadoda
6/19/2020 12:50:58 PM



#20
Methylene Chloride
Concen: 44.923 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Tgt Ion	Ratio	Lower	Upper
84	100		
49	105.3	86.6	129.8
51	31.0	27.1	40.7
86	64.5	53.1	79.7





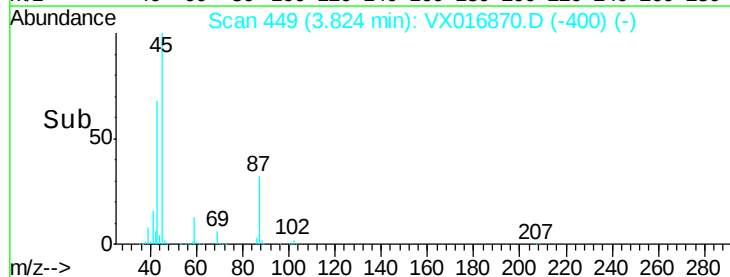
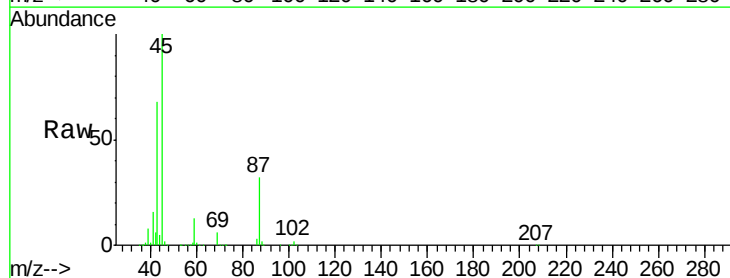
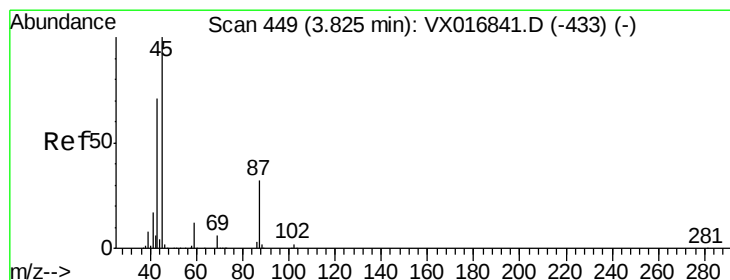
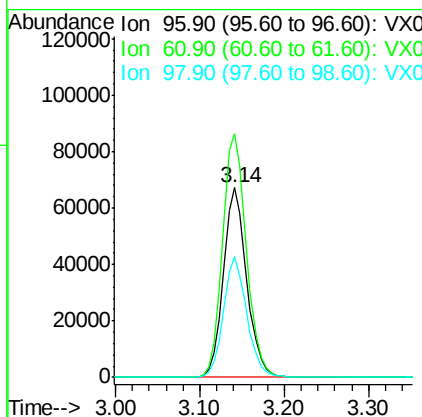
#21
trans-1,2-Dichloroethene
Concen: 46.241 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.3	105.4	158.0
98	63.5	51.3	76.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

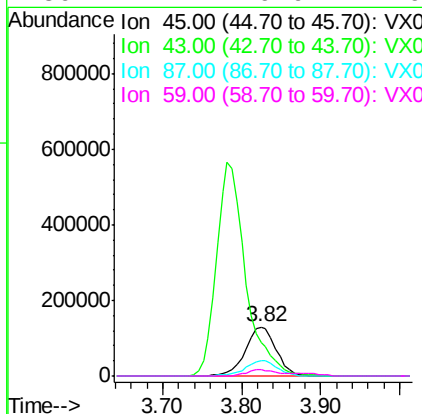
Manual Integrations
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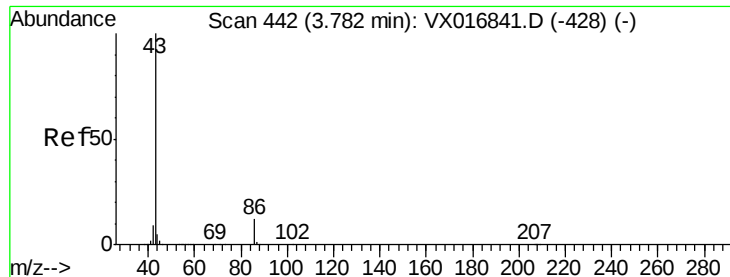
MMDadoda
6/19/2020 12:50:58 PM



#22
Diisopropyl ether
Concen: 47.423 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Tgt Ion	Ratio	Lower	Upper
45	100		
43	67.5	57.0	85.4
87	32.3	25.2	37.8
59	12.7	9.9	14.9





#23

Vinyl Acetate

Concen: 239.706 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1461736

Ion Ratio Lower Upper

43 100

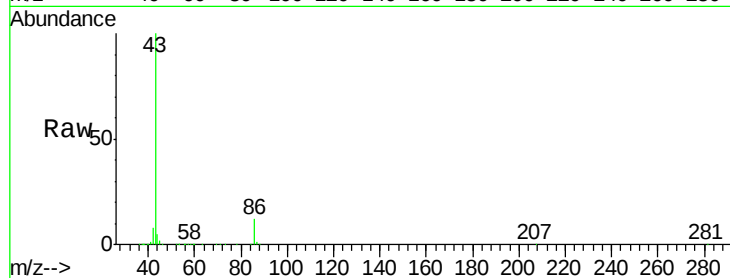
86 12.1 9.9 14.9

Manual Integrations

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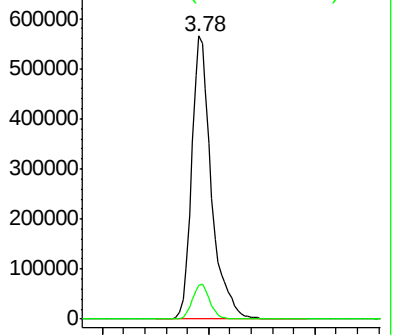
MMDadoda

6/19/2020 12:50:58 PM

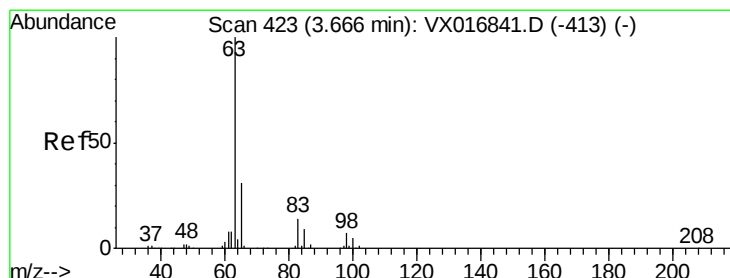
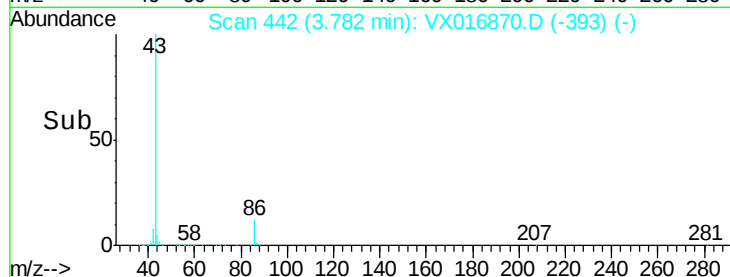


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 46.505 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

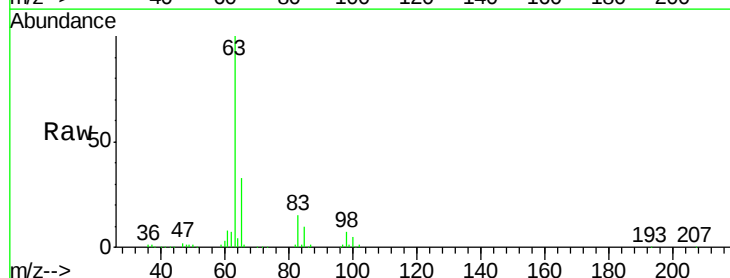
Tgt Ion: 63 Resp: 214825

Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.9

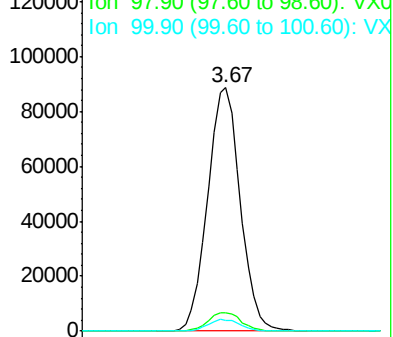
100 4.6 2.4 7.1



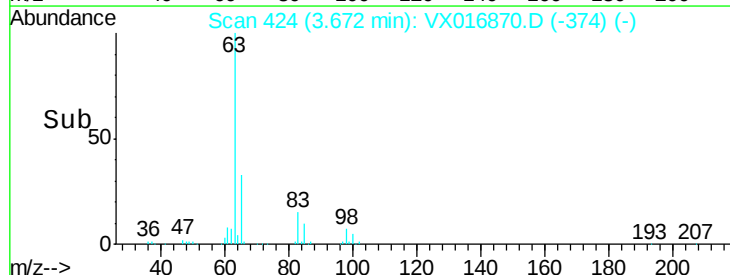
Abundance Ion 62.90 (62.60 to 63.60): VX0

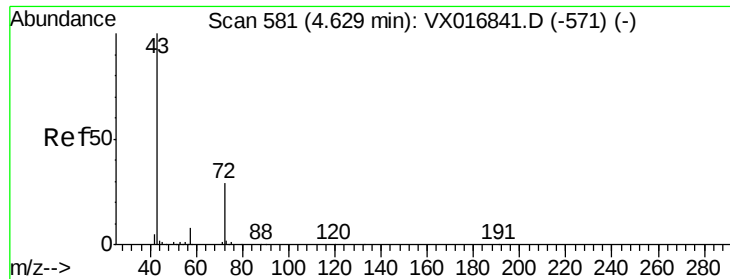
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 235.985 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 387189

Ion Ratio Lower Upper

43 100

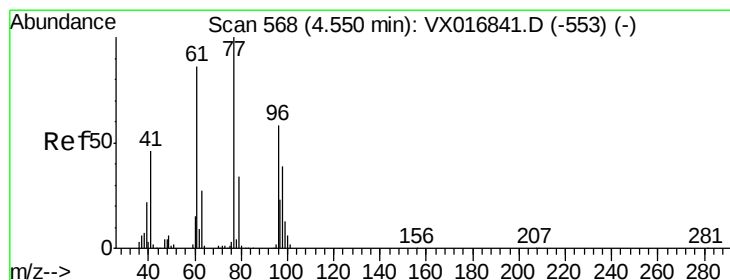
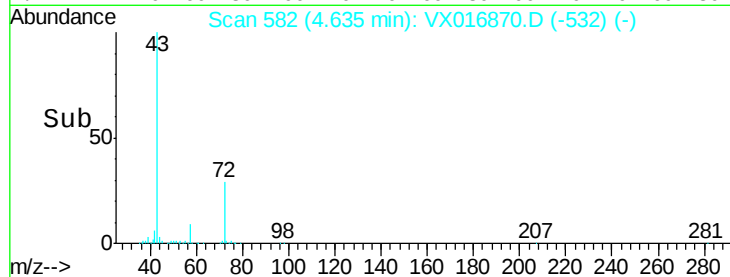
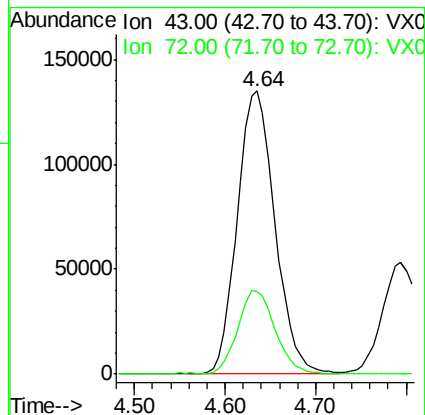
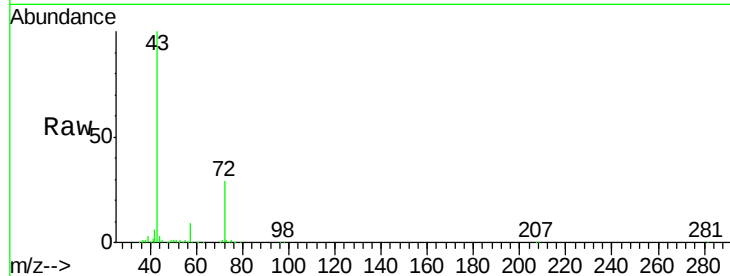
72 29.1 23.5 35.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 36.423 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX016870.D

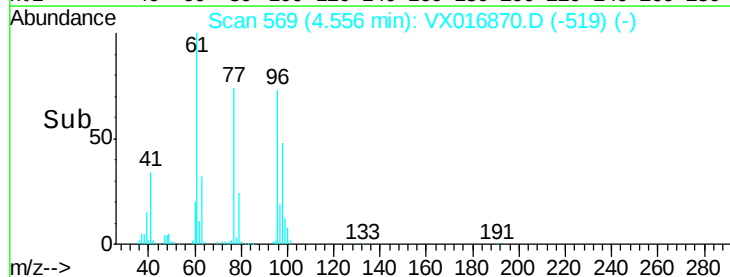
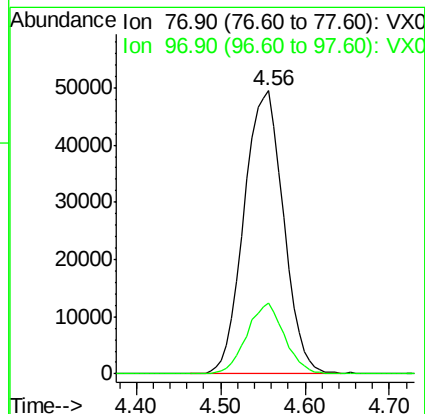
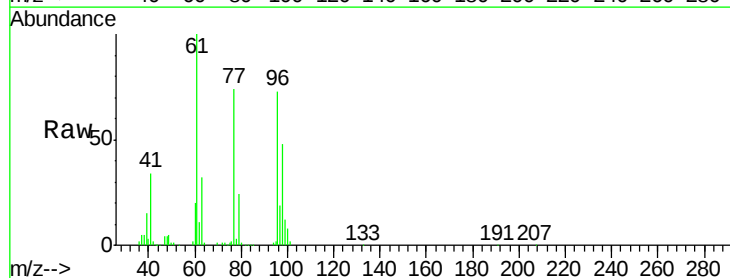
Acq: 19 Jun 2020 04:04

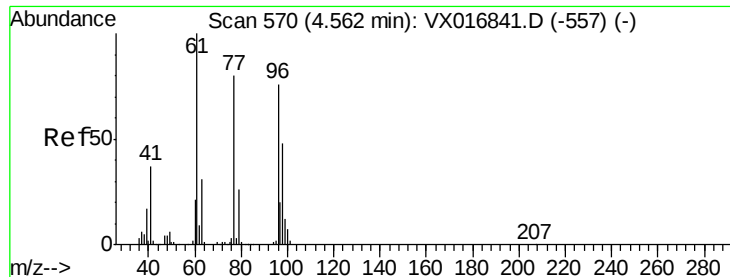
Tgt Ion: 77 Resp: 157635

Ion Ratio Lower Upper

77 100

97 23.8 11.6 34.7





#27

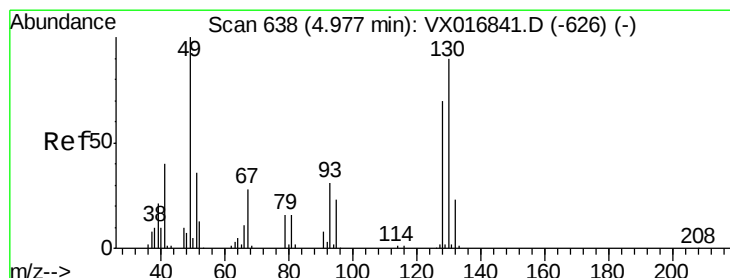
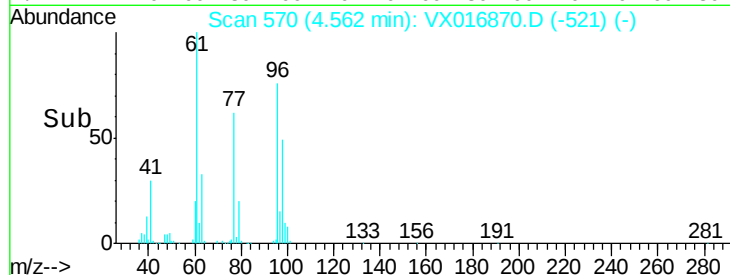
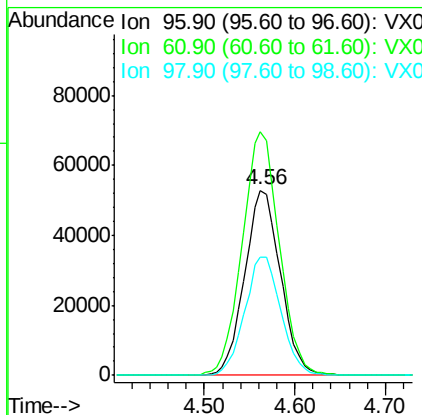
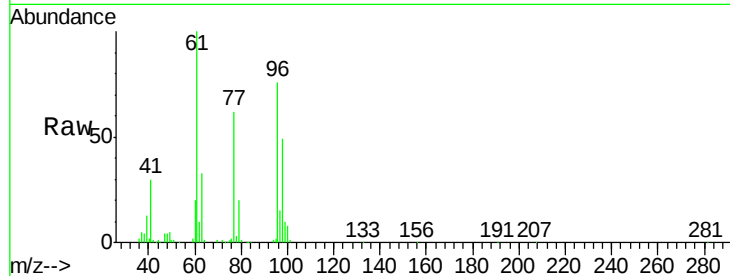
cis-1,2-Dichloroethene
Concen: 46.761 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.5	0.0	273.8
98	64.9	0.0	129.0

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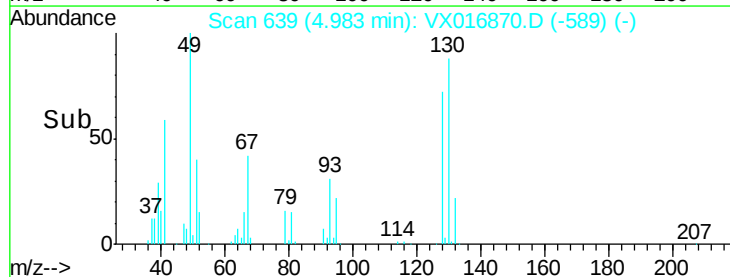
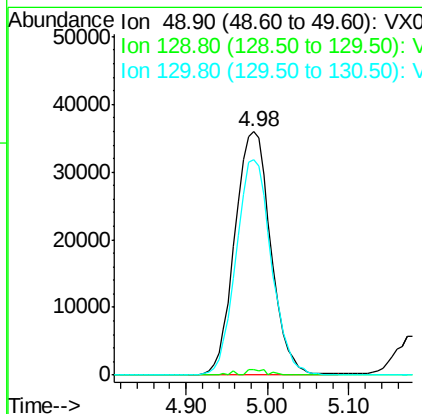
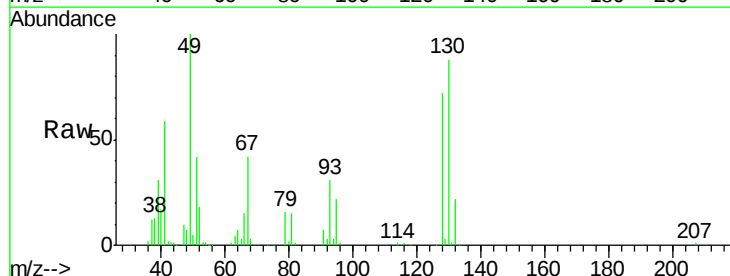
MMDadoda
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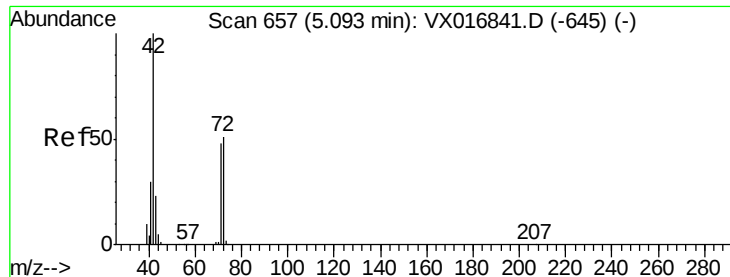


#28

Bromochloromethane
Concen: 57.473 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	5.0
130	86.9	76.8	115.2





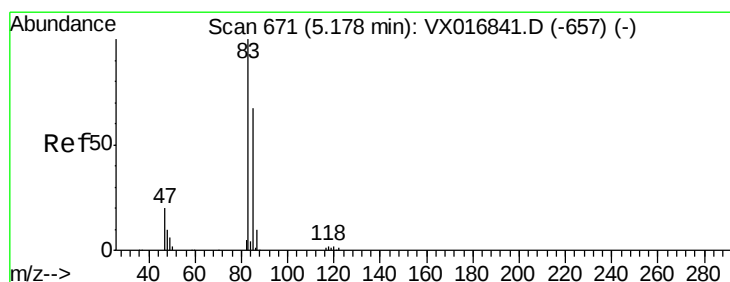
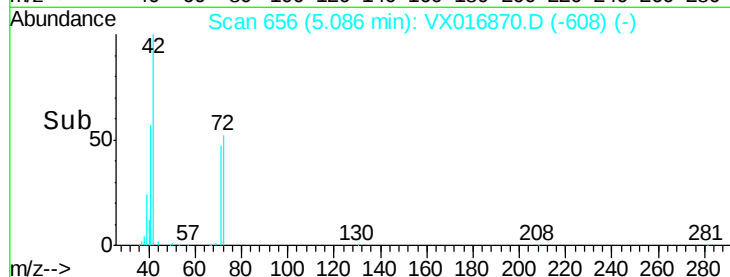
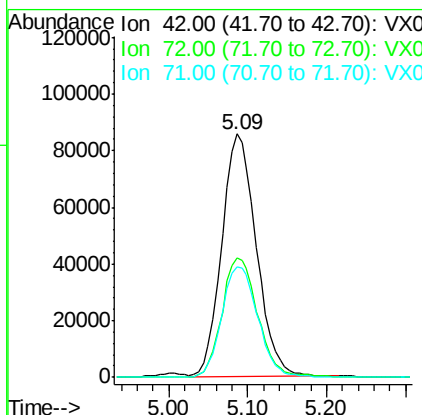
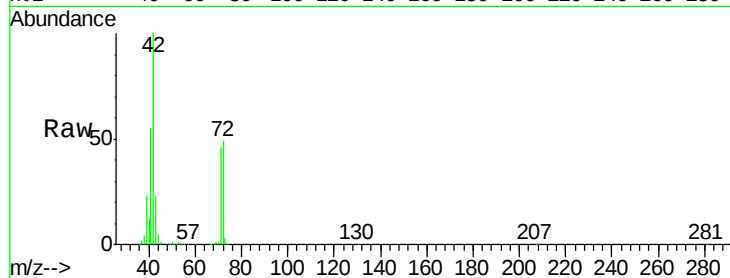
#29
Tetrahydrofuran
Concen: 252.574 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.3	41.1	61.7
71	47.6	38.4	57.6

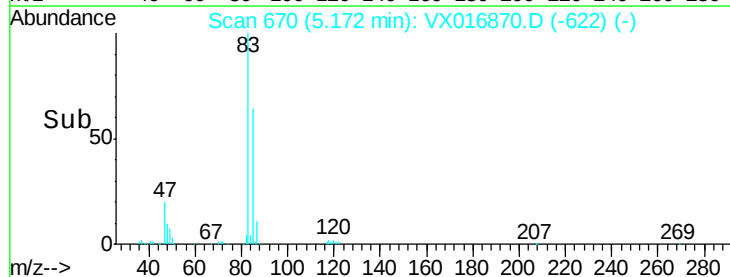
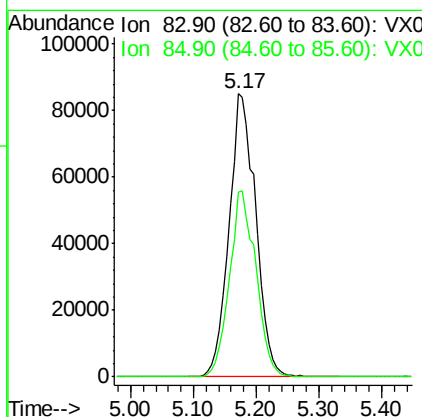
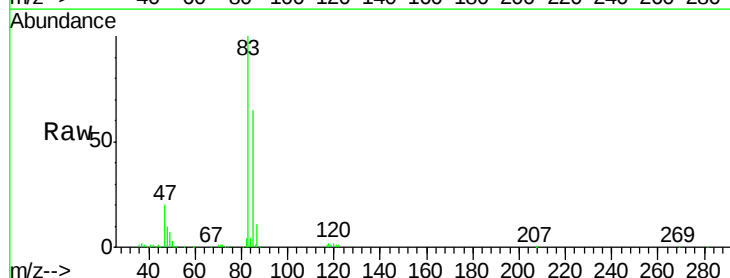
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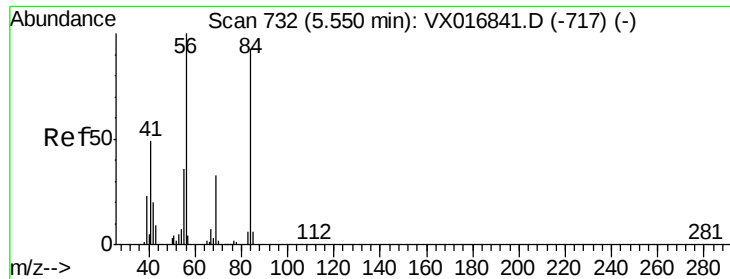
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#30
Chloroform
Concen: 51.364 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	53.4	80.0





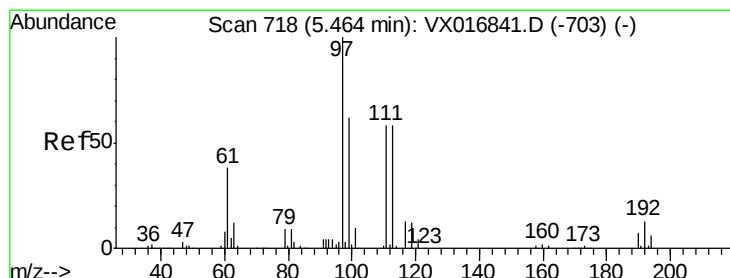
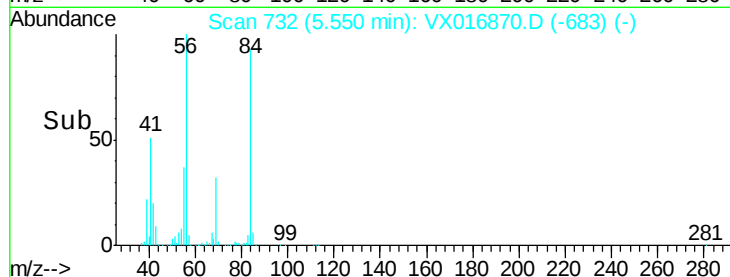
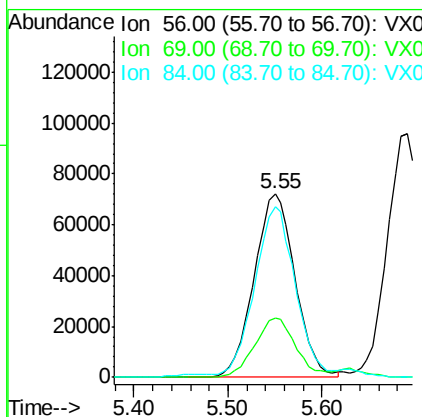
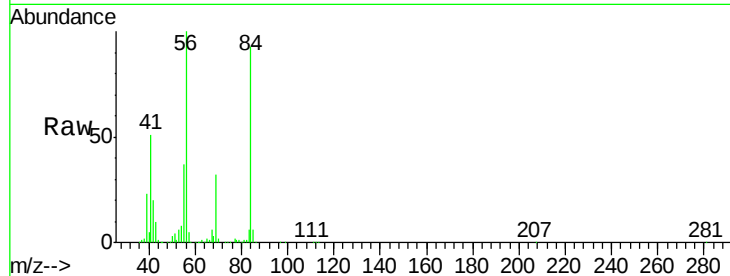
#31
Cyclohexane
Concen: 54.160 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.1	26.1	39.1
84	91.2	73.0	109.6

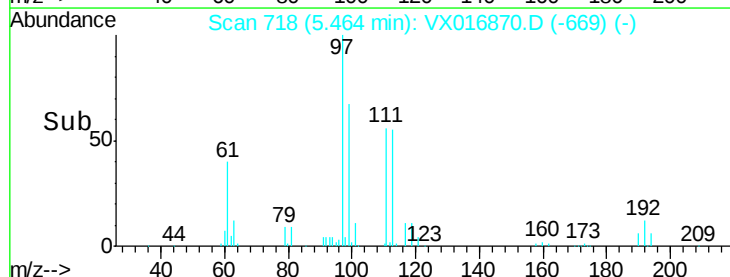
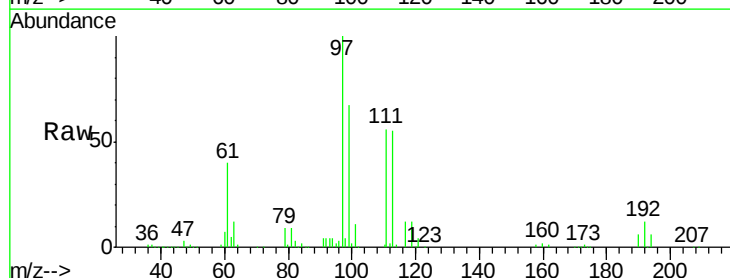
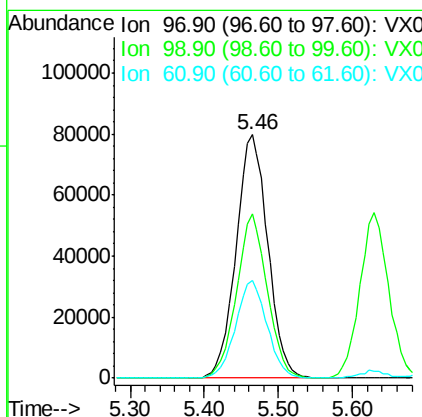
Manual Integrations
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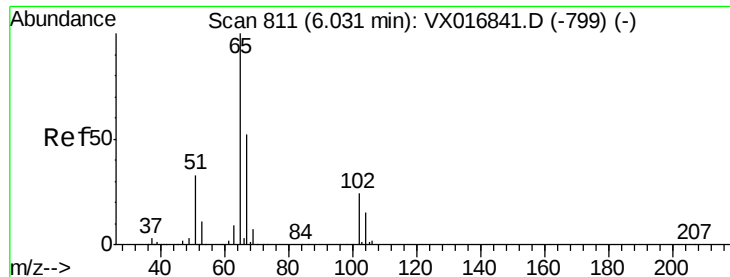
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#32
1,1,1-Trichloroethane
Concen: 51.701 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.3	76.9
61	39.9	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 39.664 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 130258

Ion Ratio Lower Upper

65 100

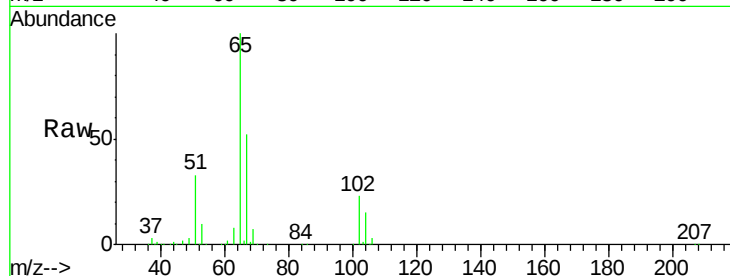
67 52.3 0.0 102.6

Manual Integrations

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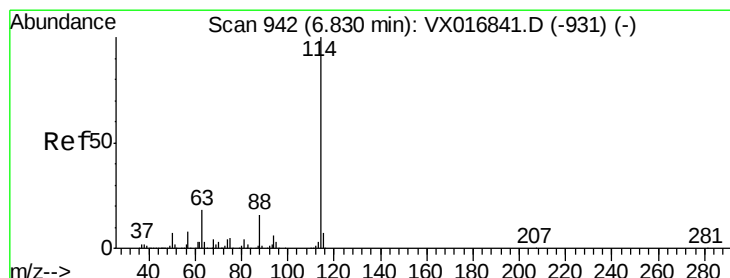
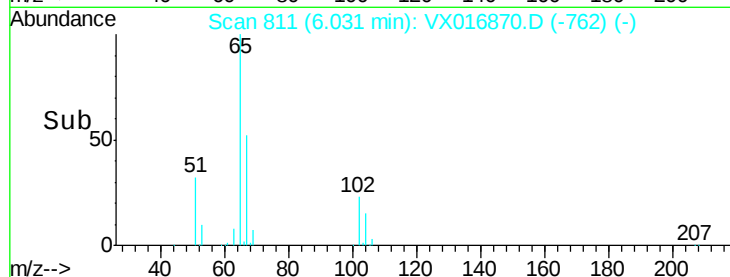
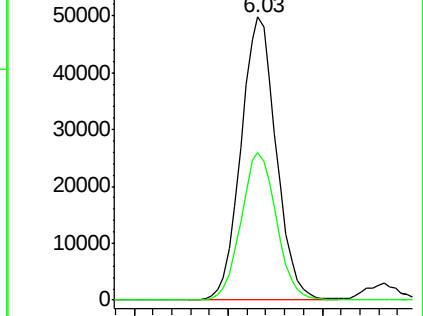
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

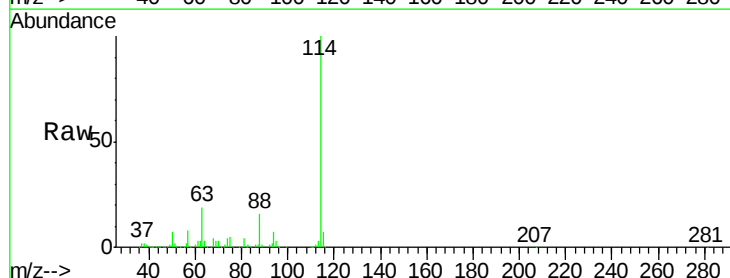
Tgt Ion: 114 Resp: 378561

Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.0

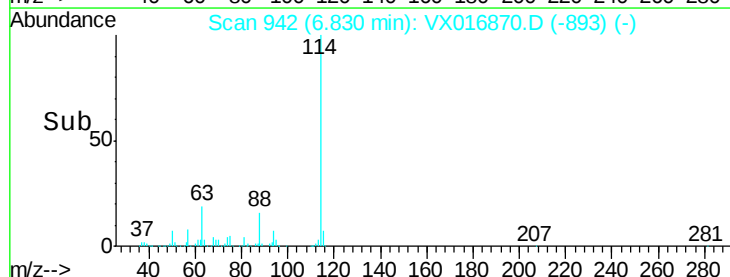
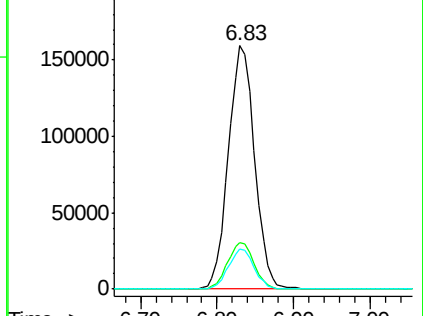
88 16.4 0.0 32.0

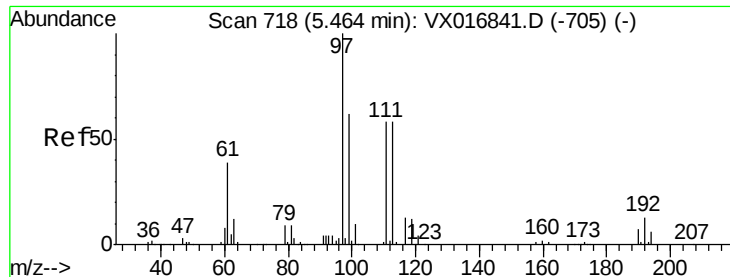


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.047 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Instrument :

MSVOA_X

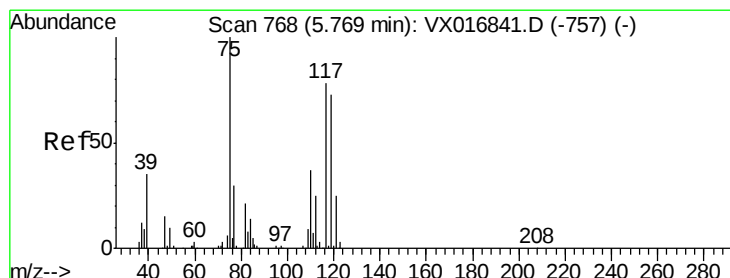
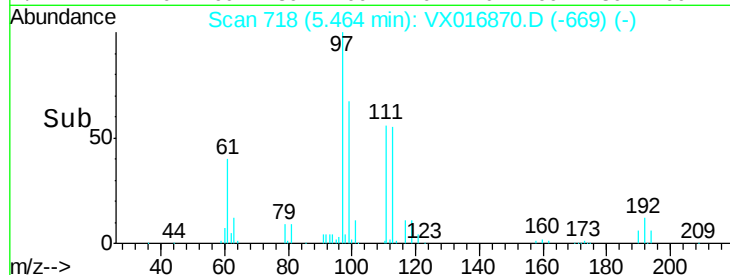
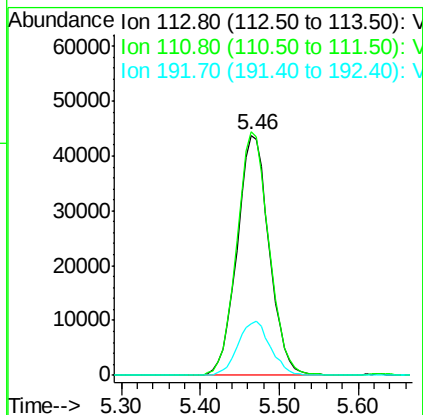
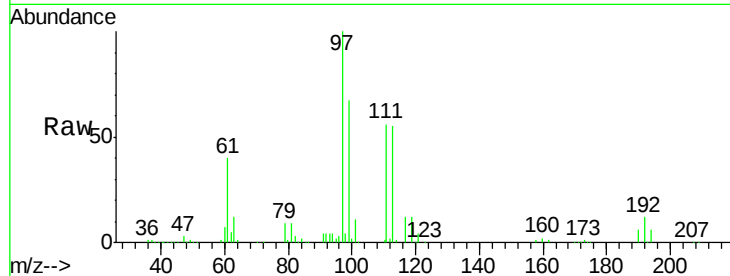
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	123619
Ion Ratio	Lower	Upper	
113	100		
111	101.6	81.0	121.4
192	22.7	18.5	27.7

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#36

1,1-Dichloropropene

Concen: 53.709 ug/l

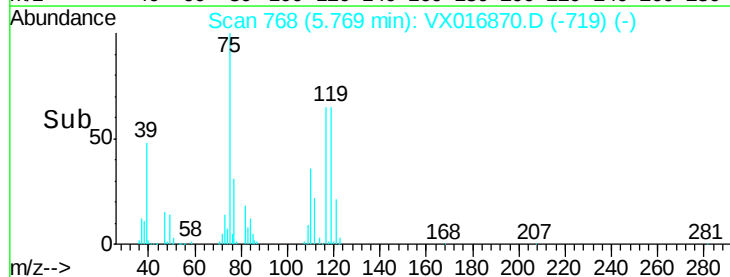
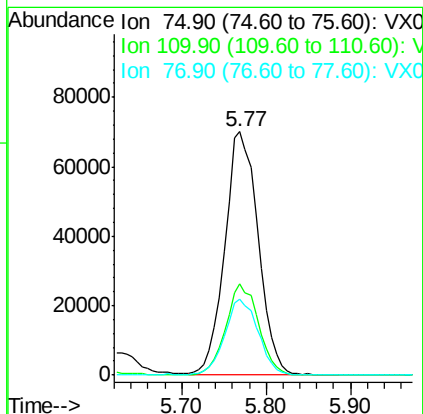
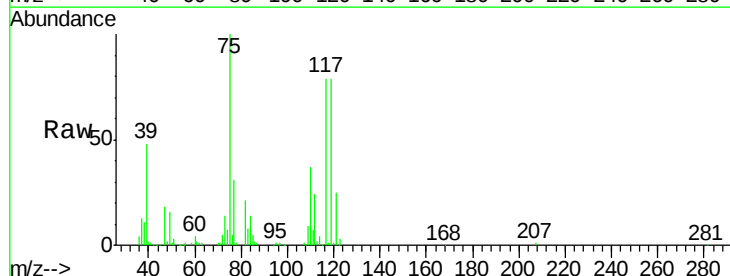
RT: 5.77 min Scan# 768

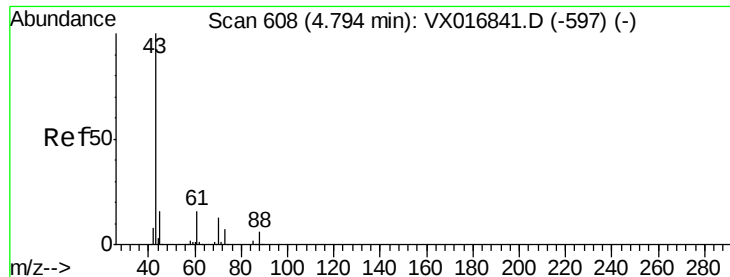
Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Tgt Ion:	75	Resp:	187731
Ion Ratio	Lower	Upper	
75	100		
110	36.7	18.9	56.9
77	31.2	25.6	38.4





#37

Ethyl Acetate

Concen: 49.620 ug/l

RT: 4.79 min Scan# 608

Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Instrument :

MSVOA_X

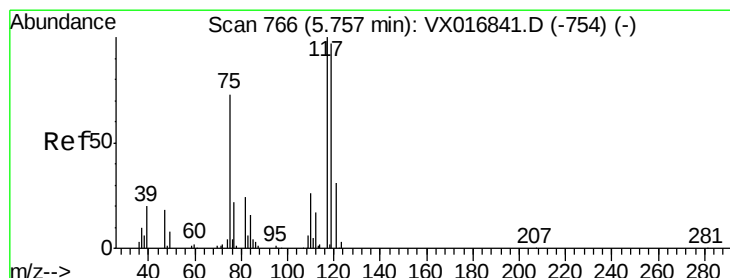
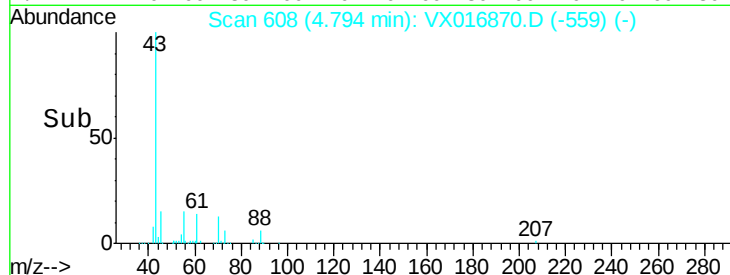
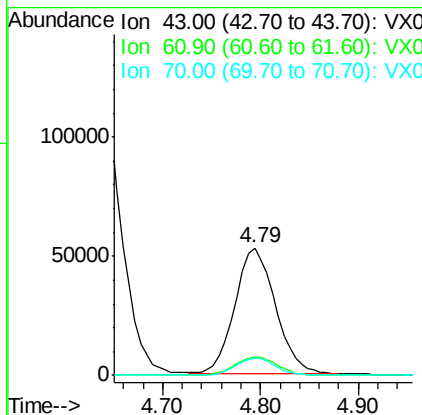
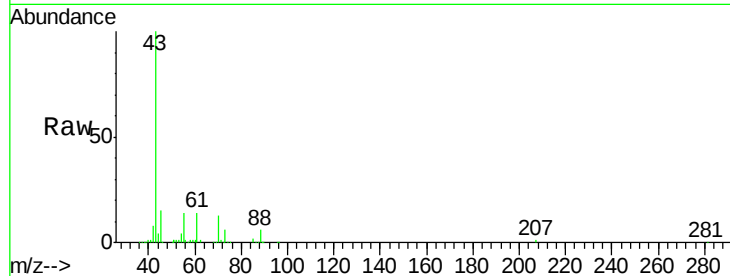
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	153245
Ion	Ratio	Lower	Upper
43	100		
61	15.6	12.2	18.2
70	13.4	10.5	15.7

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 52.494 ug/l

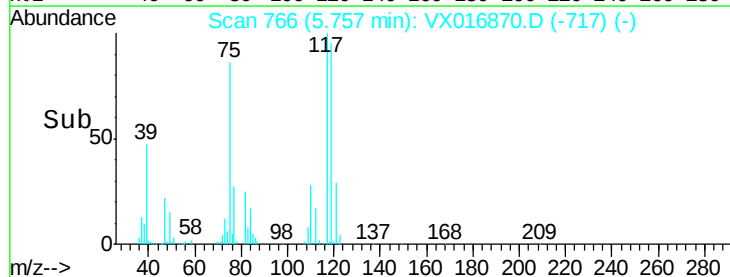
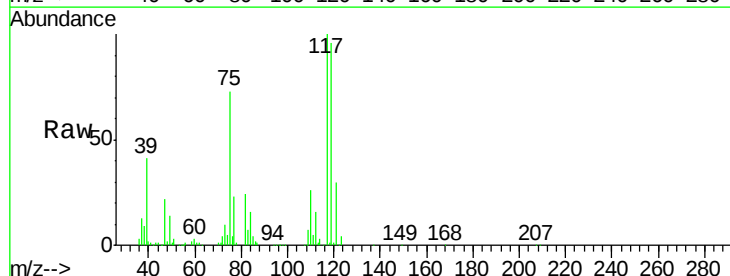
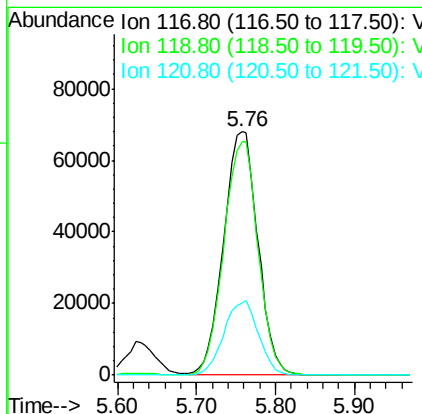
RT: 5.76 min Scan# 766

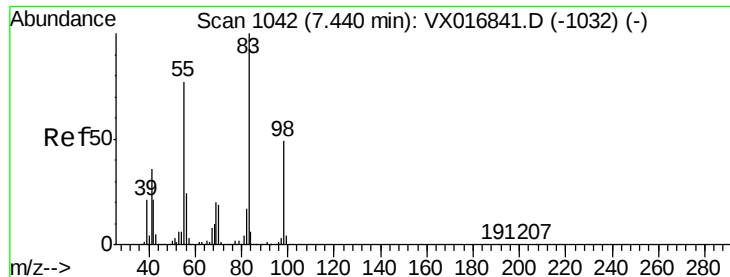
Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Tgt Ion:	117	Resp:	205881
Ion	Ratio	Lower	Upper
117	100		
119	95.7	77.4	116.2
121	29.7	24.7	37.1





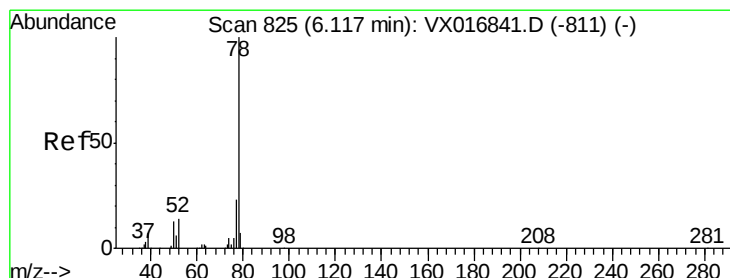
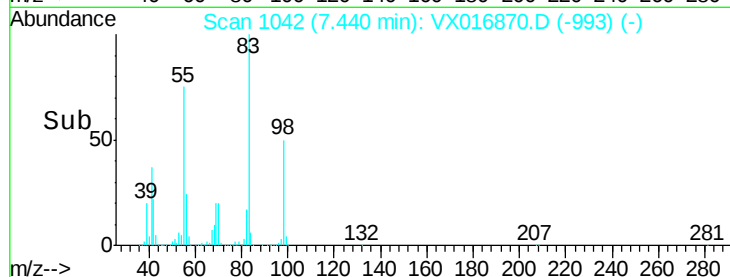
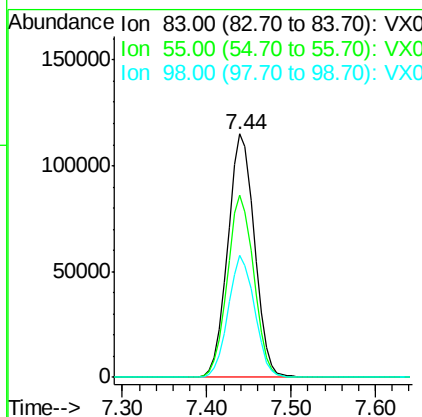
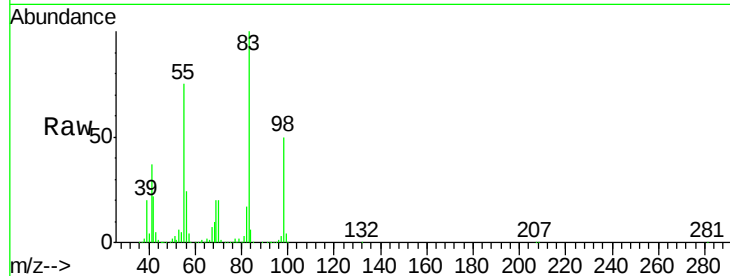
#39
Methvlcvclohexane
Concen: 60.579 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.7	61.7	92.5
98	50.2	39.0	58.6

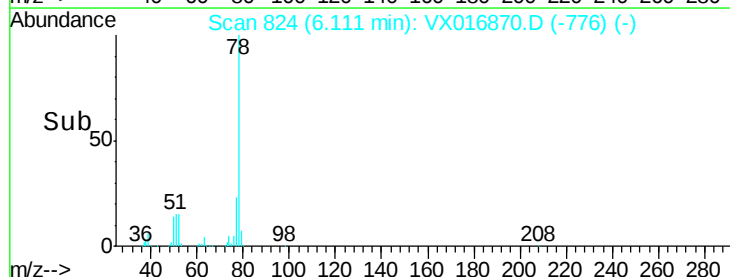
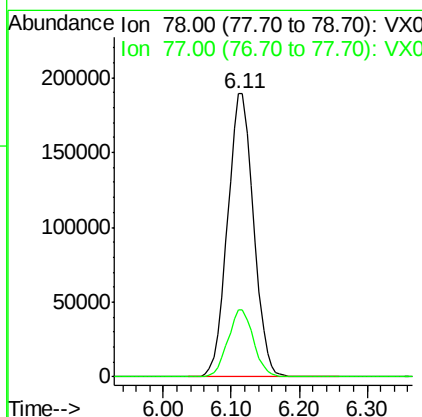
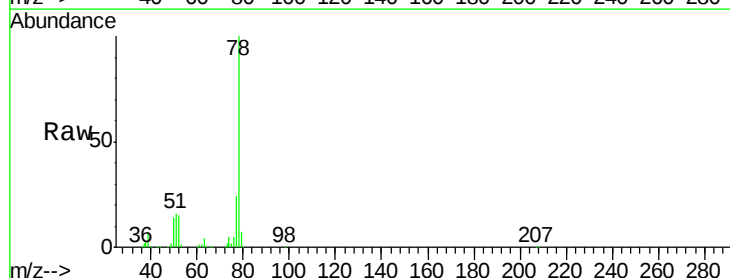
Manual Integrations
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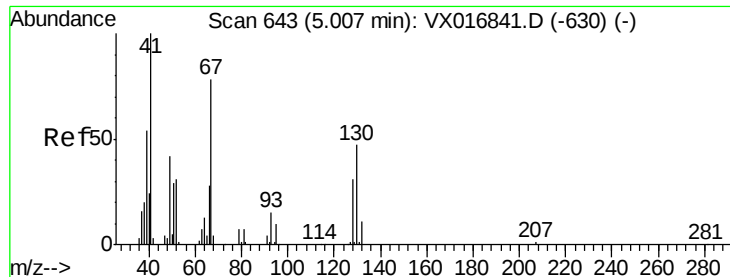
MMDadoda
6/19/2020 12:50:58 PM



#40
Benzene
Concen: 47.775 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.6	27.8





#41

Methacrylonitrile

Concen: 65.030 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 109032

Ion Ratio Lower Upper

41 100

39 52.0 42.6 64.0

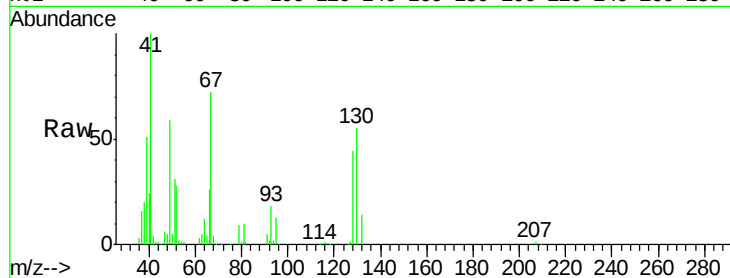
67 77.8 64.2 96.2

52 29.0 25.6 38.4

Manual Integrations
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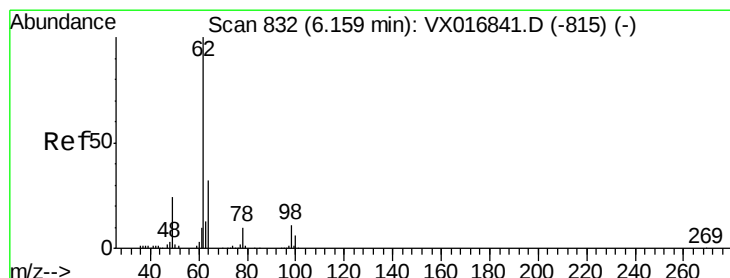
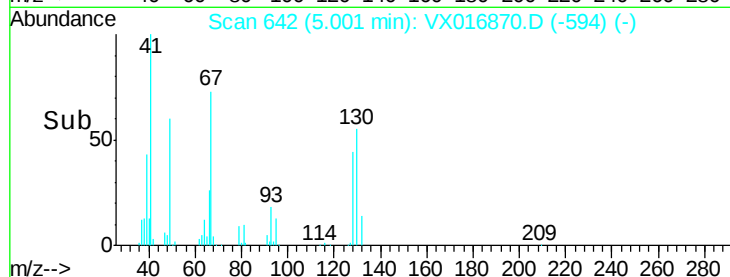
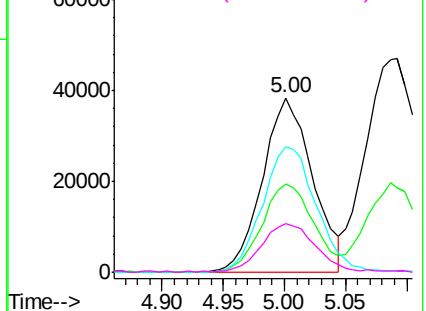


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 47.354 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX016870.D

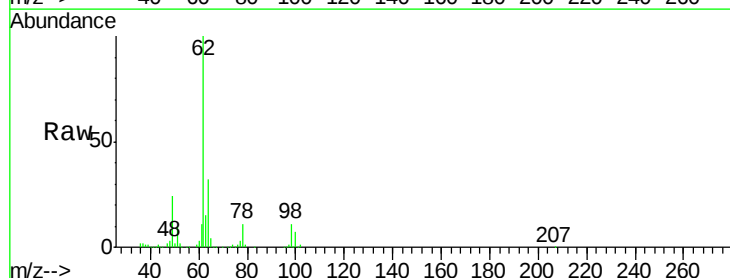
Acq: 19 Jun 2020 04:04

Tgt Ion: 62 Resp: 176731

Ion Ratio Lower Upper

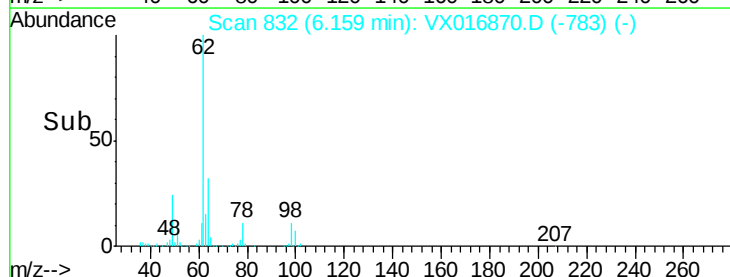
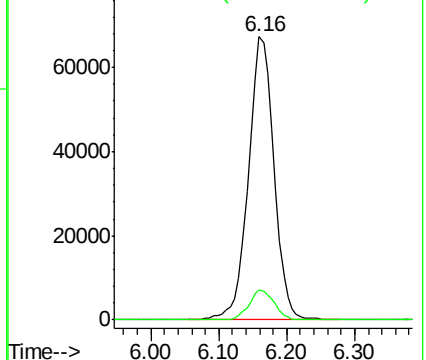
62 100

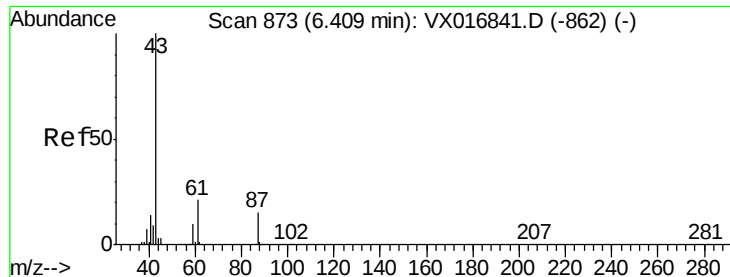
98 10.4 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

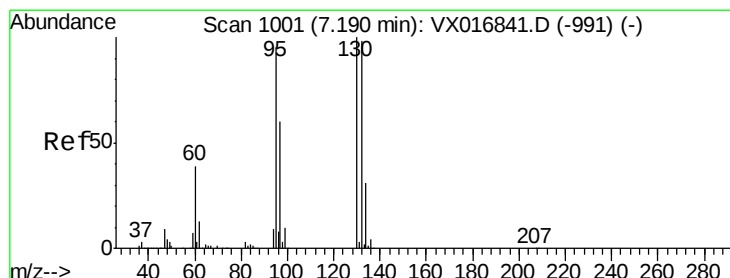
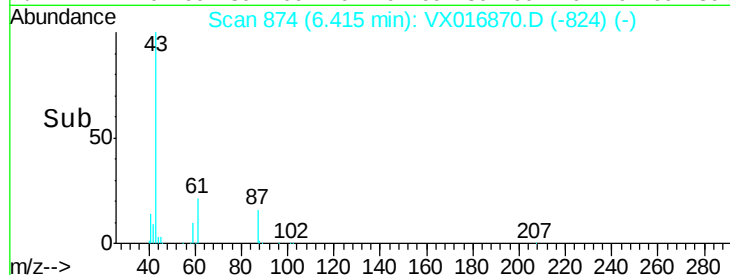
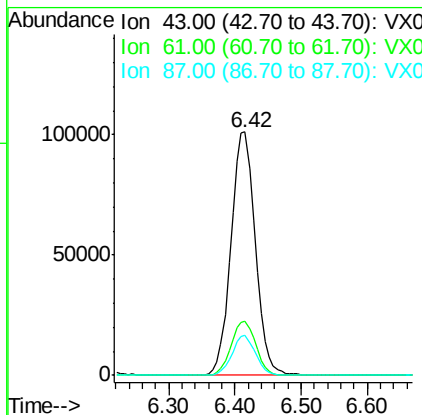
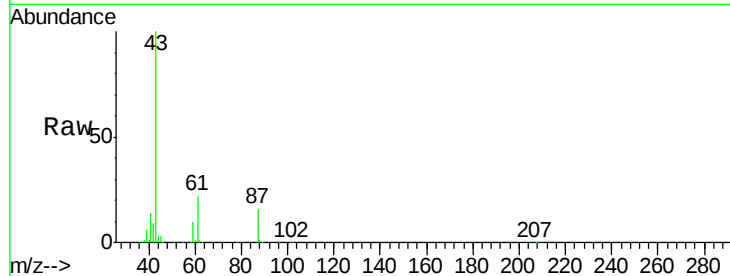
Isopropyl Acetate
 Concen: 47.555 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.01 min
 Lab File: VX016870.D
 Acq: 19 Jun 2020 04:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.7	17.9	26.9
87	15.8	12.4	18.6

Manual Integrations
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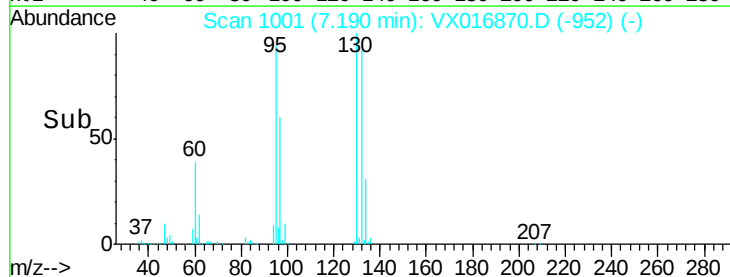
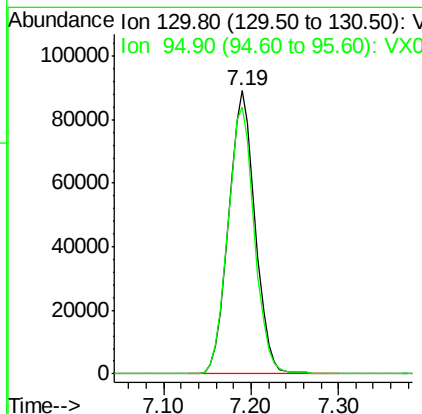
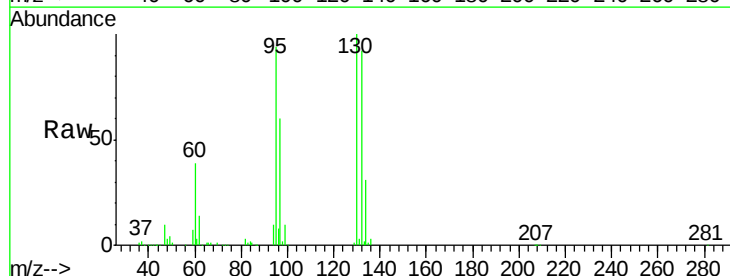
MMDadoda
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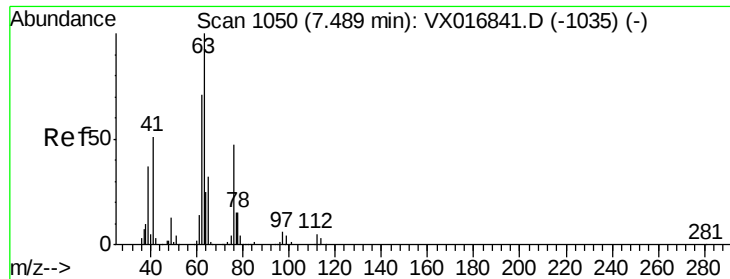


#44

Trichloroethene
 Concen: 58.374 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016870.D
 Acq: 19 Jun 2020 04:04

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.1	0.0	190.8





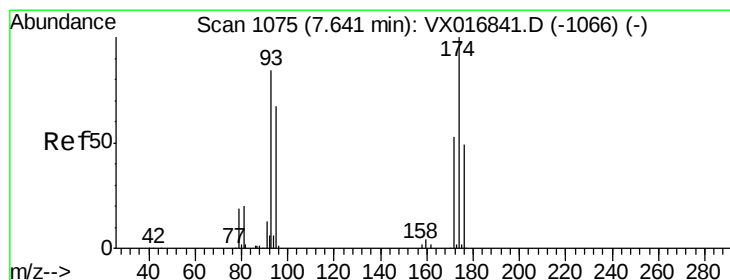
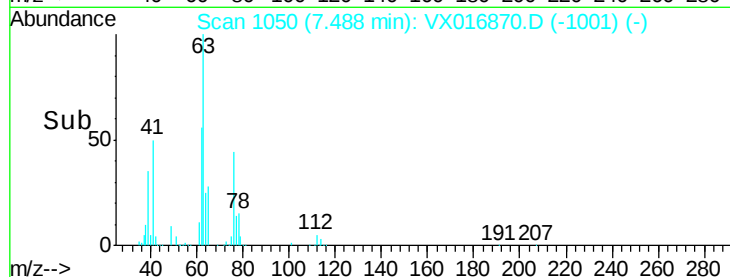
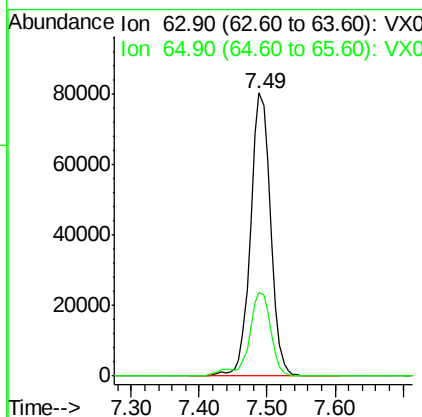
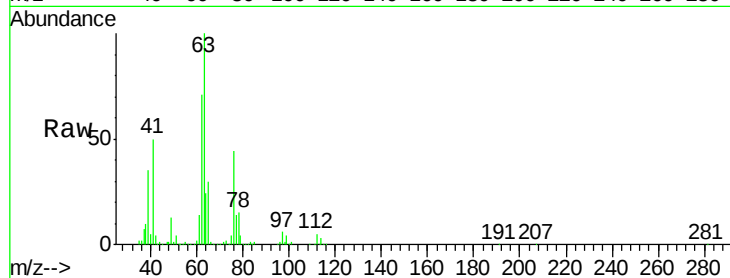
#45
 1,2-Dichloropropane
 Concen: 62.659 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX016870.D
 Acq: 19 Jun 2020 04:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.7	25.8	38.8

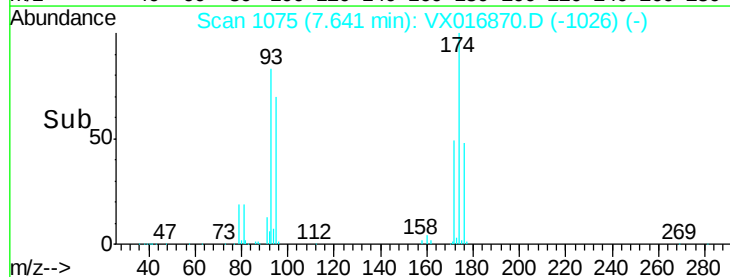
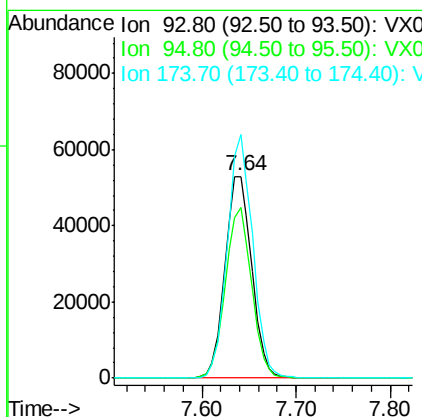
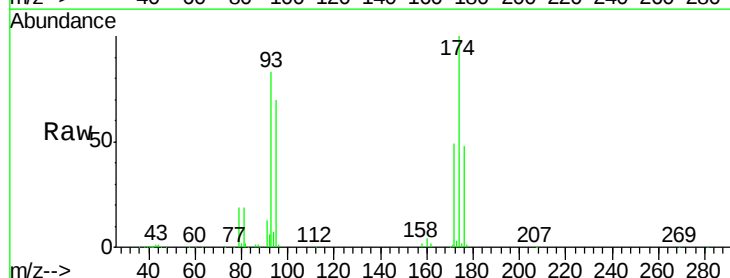
Manual Integrations
 APPROVED

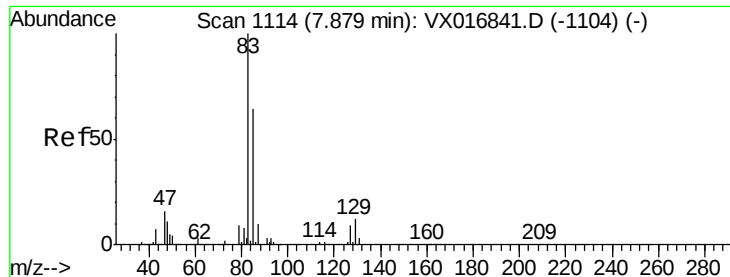
MMDadoda
 6/19/2020 12:50:58 PM



#46
 Dibromomethane
 Concen: 58.577 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016870.D
 Acq: 19 Jun 2020 04:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.9	65.7	98.5
174	114.1	92.8	139.2





#47

Bromodichloromethane

Concen: 55.750 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Instrument :

MSVOA_X

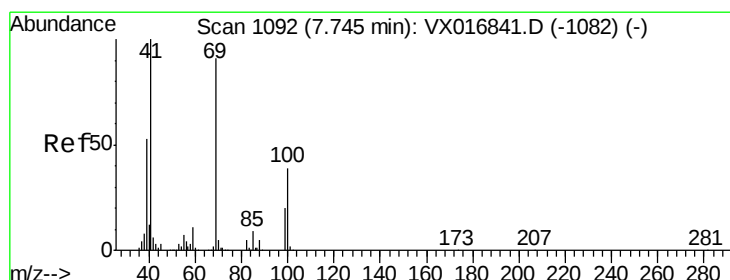
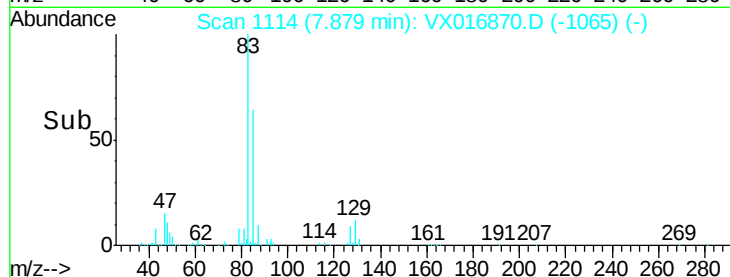
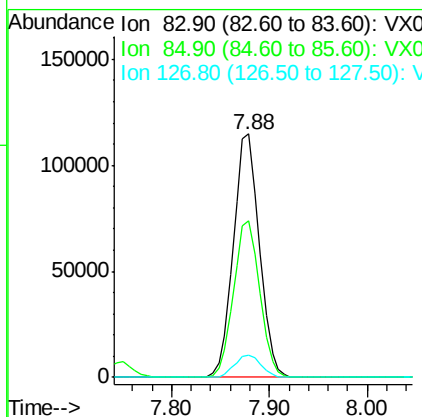
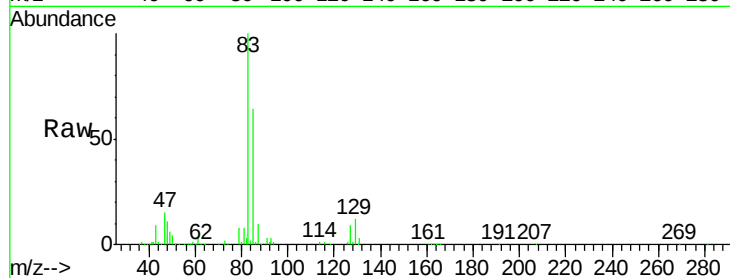
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	212007
Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.9	76.3
127	8.9	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 61.675 ug/l

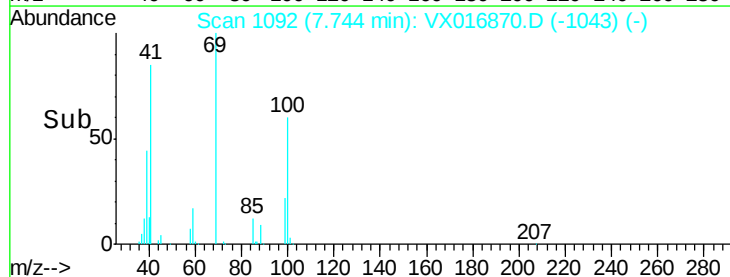
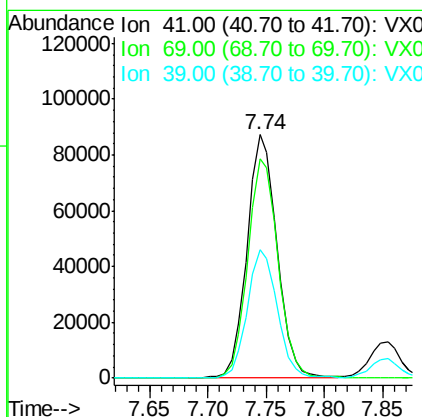
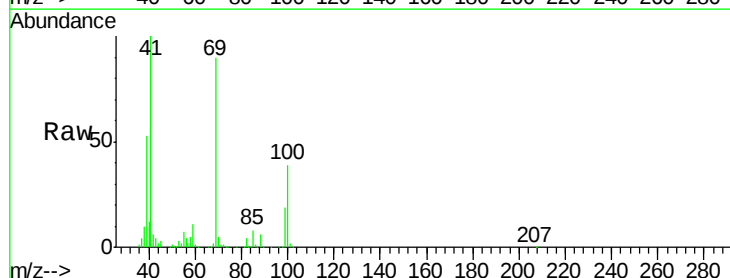
RT: 7.74 min Scan# 1092

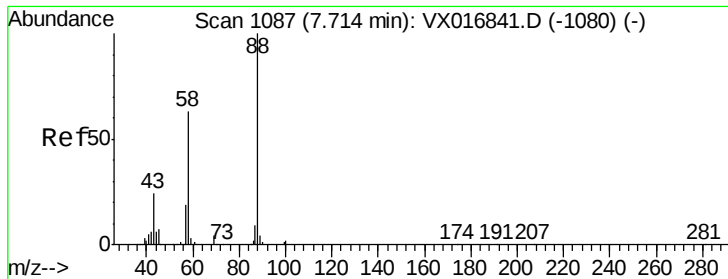
Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Tgt Ion:	41	Resp:	156628
Ion	Ratio	Lower	Upper
41	100		
69	91.7	73.3	109.9
39	52.9	42.4	63.6





#49

1,4-Dioxane

Concen: 1313.539 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Instrument :

MSVOA_X

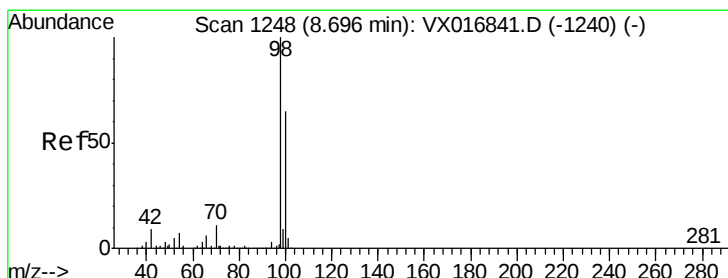
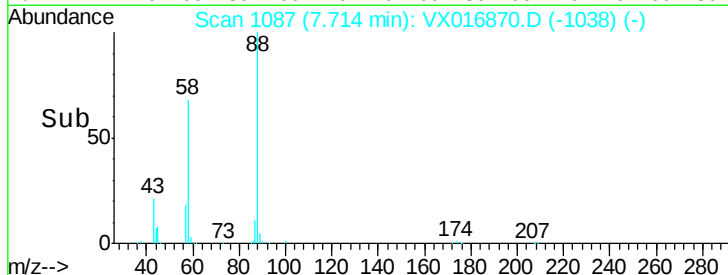
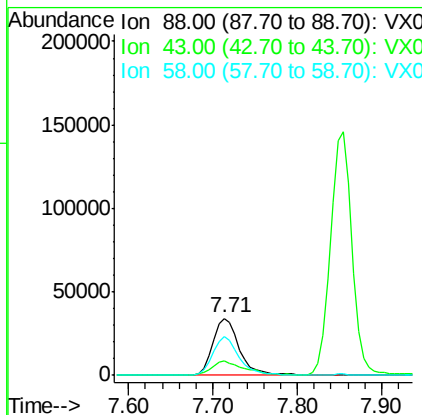
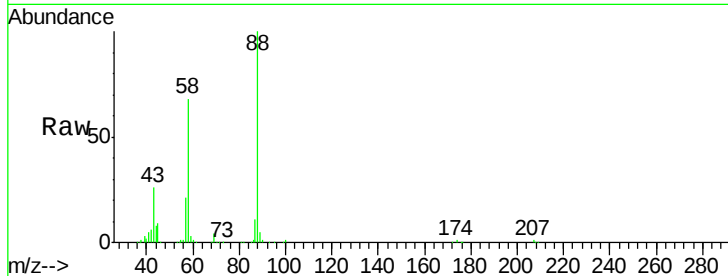
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	74673
Ion	Ratio	Lower	Upper
88	100		
43	28.1	22.7	34.1
58	67.6	53.1	79.7

Manual Integrations
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#50

Toluene-d8

Concen: 42.641 ug/l

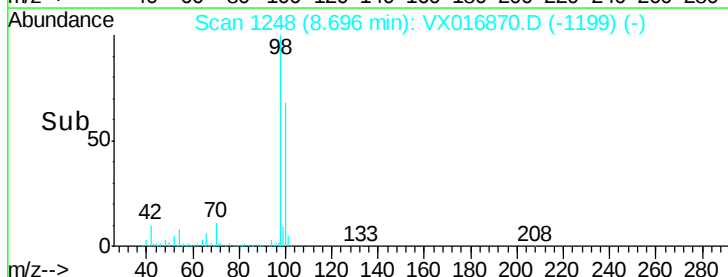
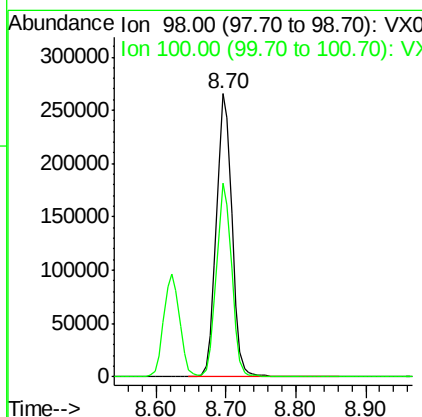
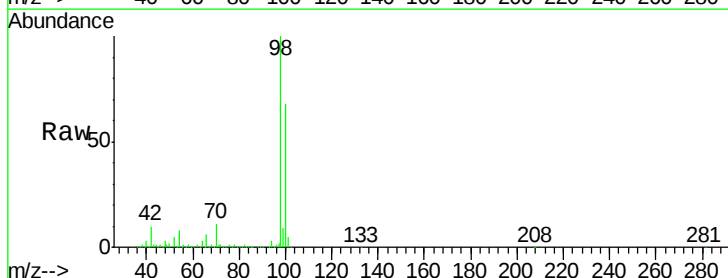
RT: 8.70 min Scan# 1248

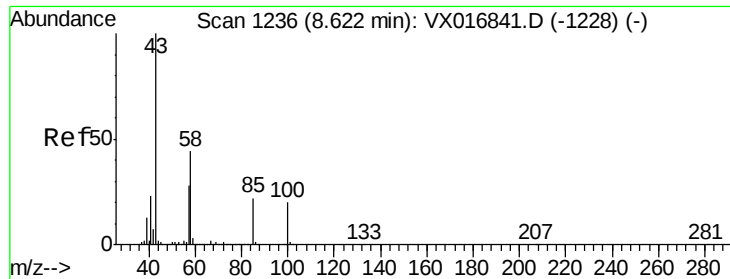
Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Tgt Ion:	98	Resp:	413136
Ion	Ratio	Lower	Upper
98	100		
100	67.4	54.0	81.0





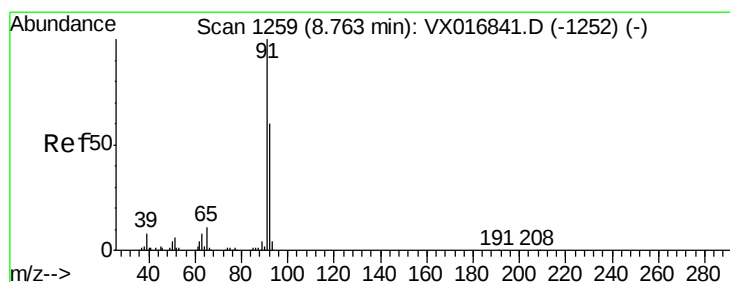
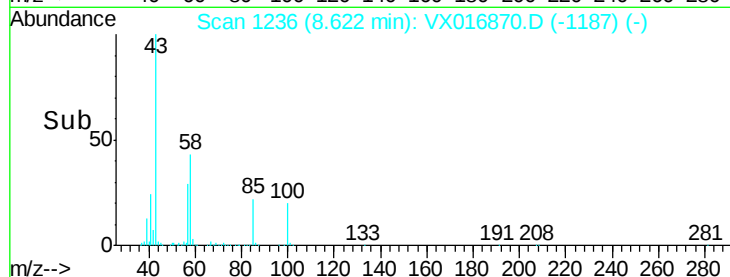
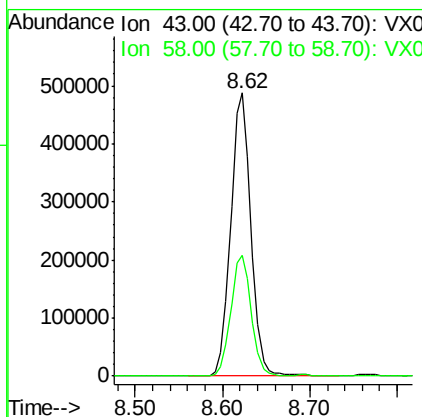
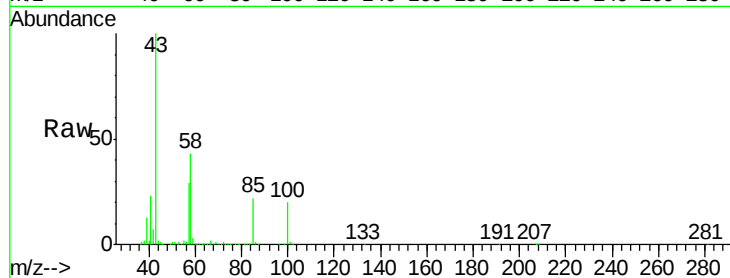
#51
4-Methyl-2-Pentanone
Concen: 241.433 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	43.3	34.3	51.5

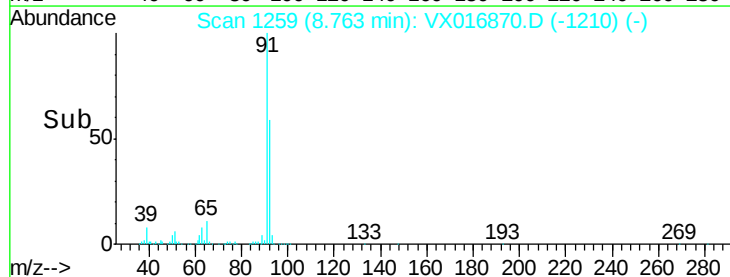
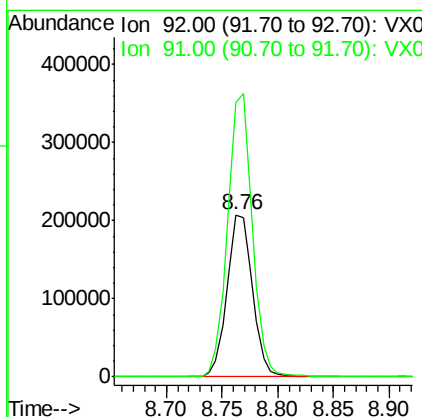
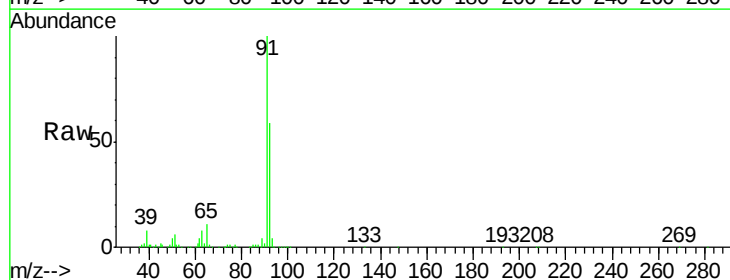
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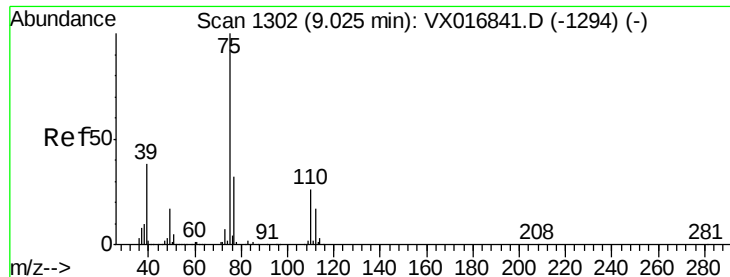
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#52
Toluene
Concen: 47.369 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Tgt Ion	Ratio	Lower	Upper
92	100		
91	170.0	134.2	201.2





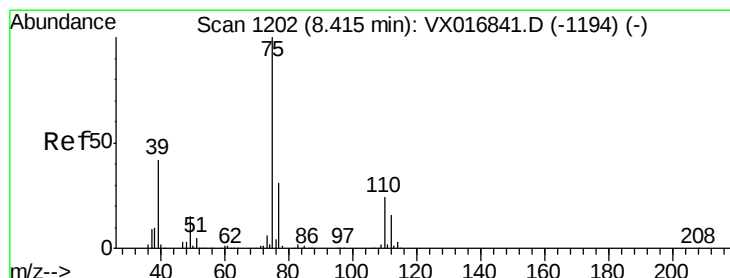
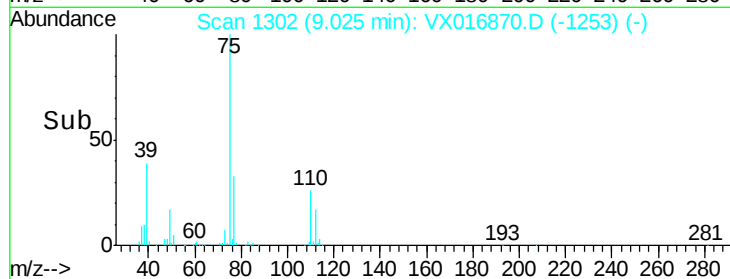
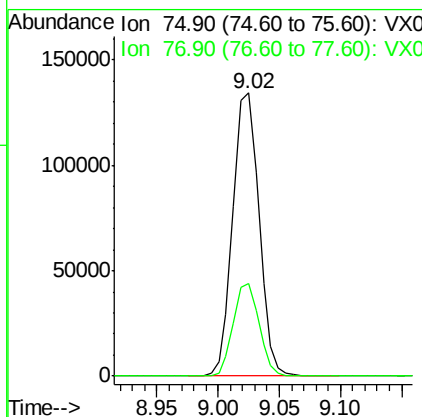
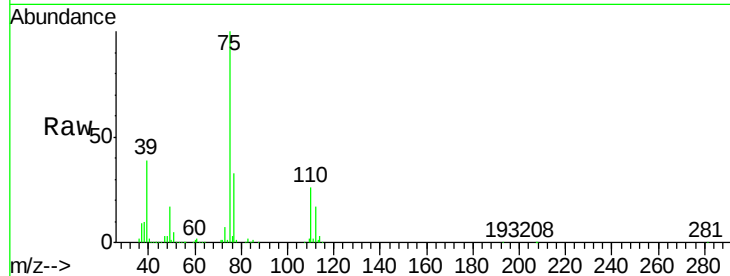
#53
t-1,3-Dichloropropene
Concen: 47.815 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.3	37.9

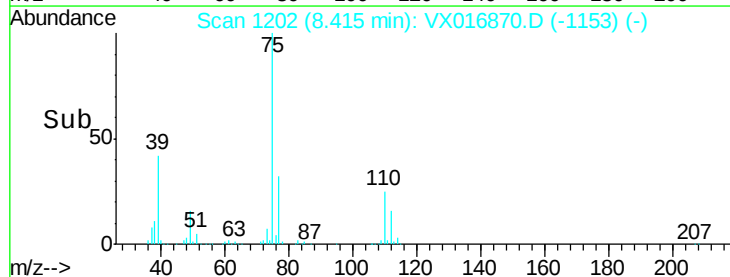
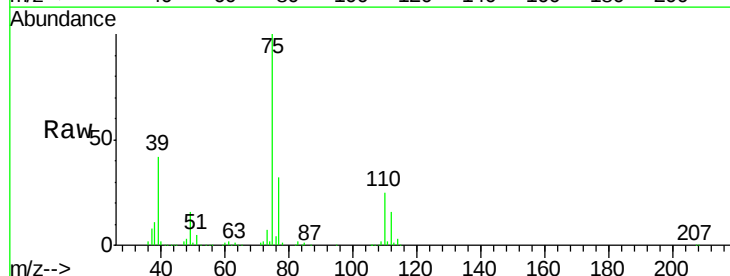
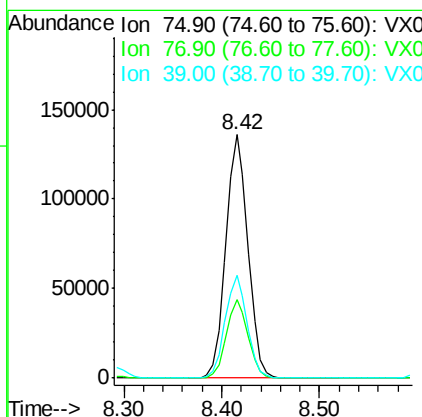
Manual Integrations
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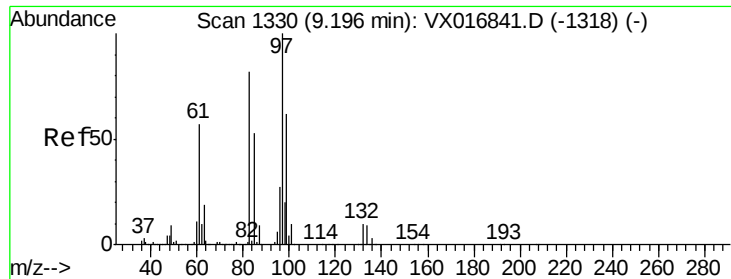
MMDadoda
6/19/2020 12:50:58 PM



#54
cis-1,3-Dichloropropene
Concen: 47.462 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	24.9	37.3
39	42.4	33.4	50.0





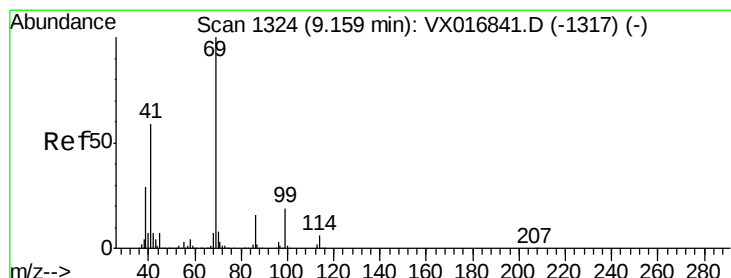
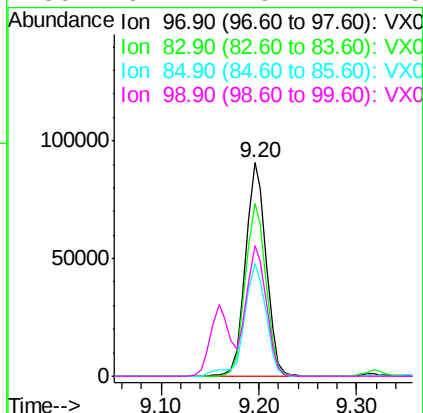
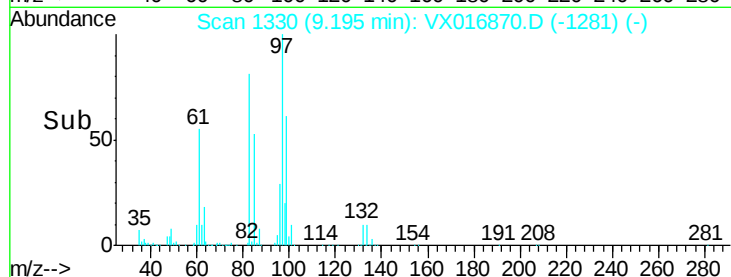
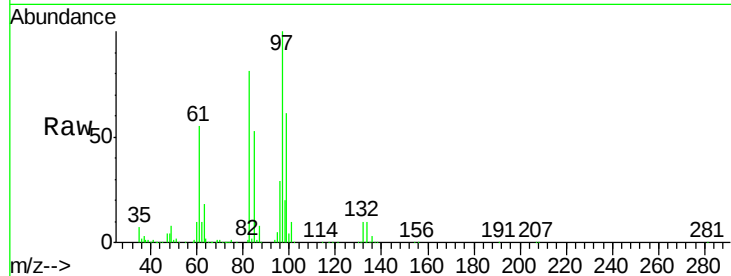
#55
 1,1,2-Trichloroethane
 Concen: 50.464 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016870.D
 Acq: 19 Jun 2020 04:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	81.1	65.5	98.3
85	52.8	42.6	63.8
99	61.1	49.4	74.0

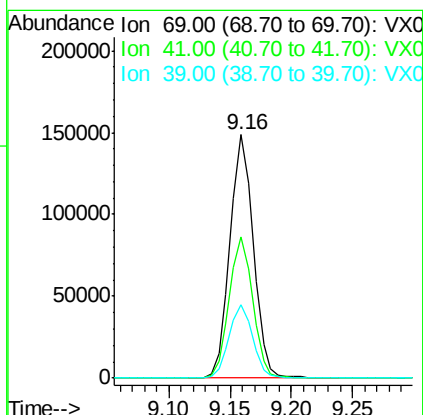
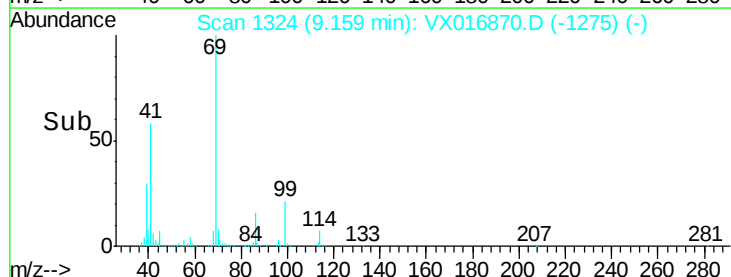
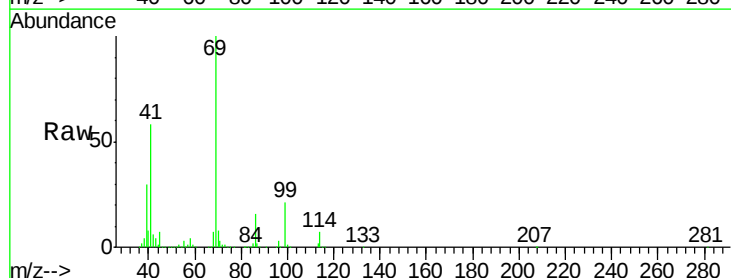
Manual Integrations
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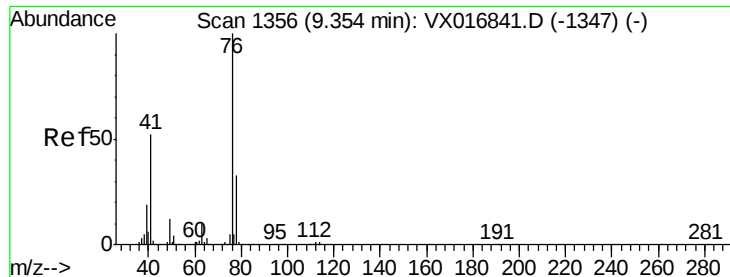
MMDadoda
 6/19/2020 12:50:58 PM



#56
 Ethyl methacrylate
 Concen: 51.801 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016870.D
 Acq: 19 Jun 2020 04:04

Tgt Ion	Ratio	Lower	Upper
69	100		
41	58.8	47.9	71.9
39	30.8	24.2	36.4





#57

1,3-Dichloropropane

Concen: 50.353 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 224237

Ion Ratio Lower Upper

76 100

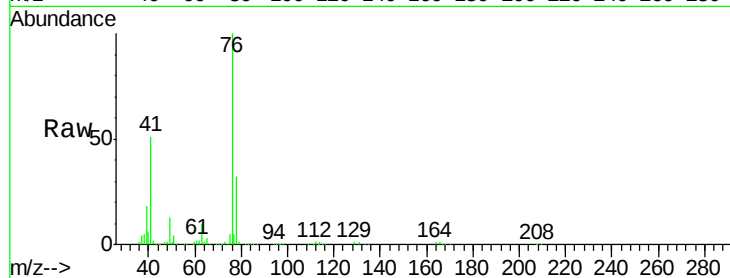
78 32.6 25.8 38.6

Manual Integrations

APPROVED

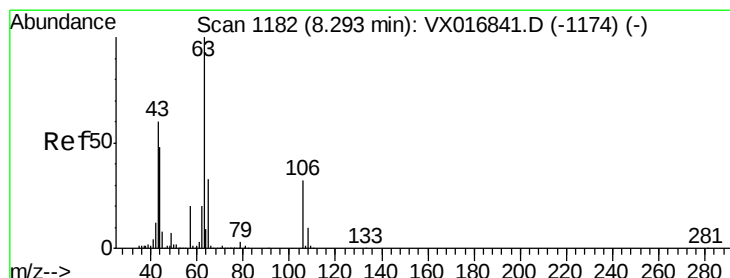
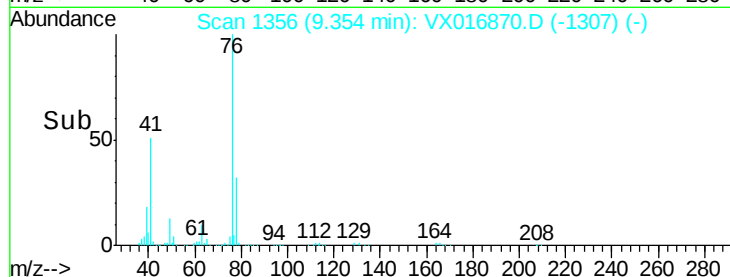
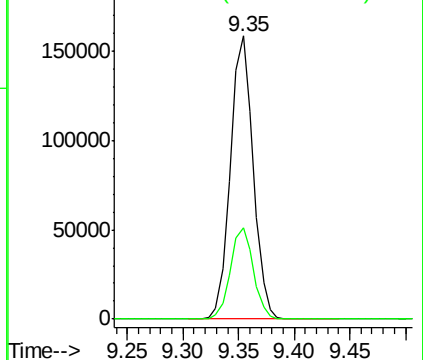
MMDadoda

6/19/2020 12:50:58 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 280.661 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX016870.D

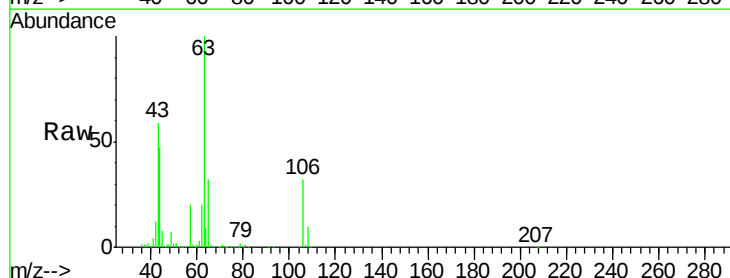
Acq: 19 Jun 2020 04:04

Tgt Ion: 63 Resp: 496637

Ion Ratio Lower Upper

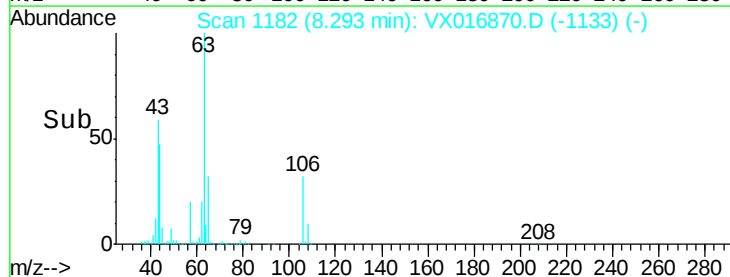
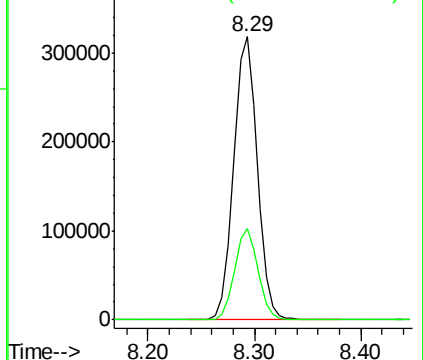
63 100

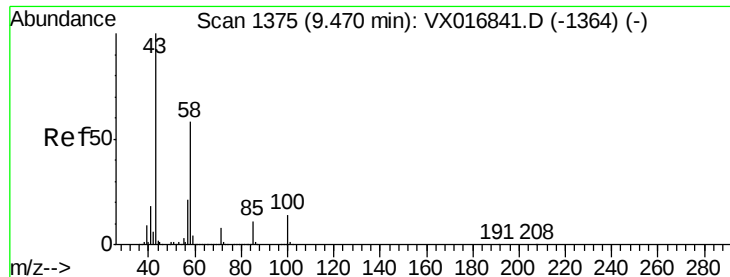
106 31.9 25.8 38.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





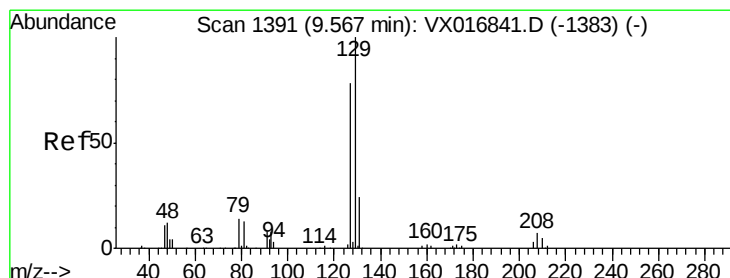
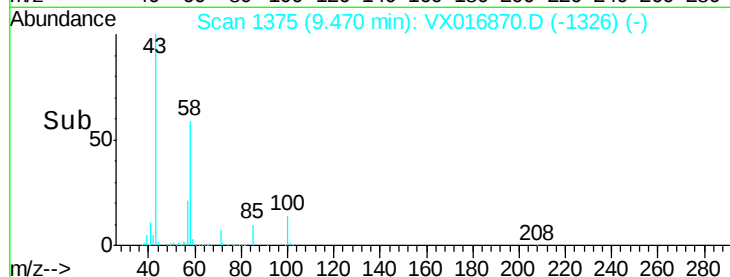
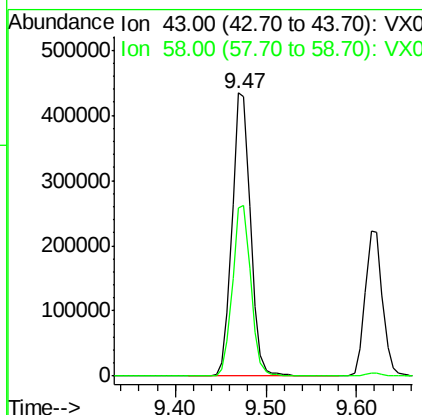
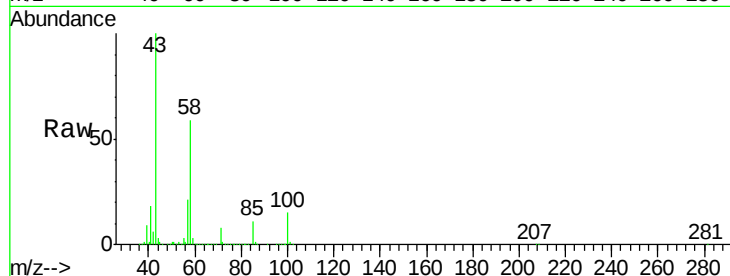
#59
2-Hexanone
Concen: 260.583 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	60.2	29.8	89.4

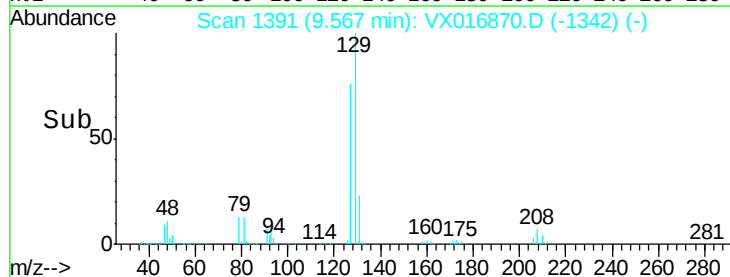
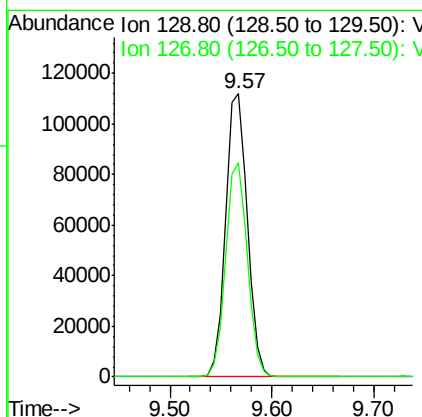
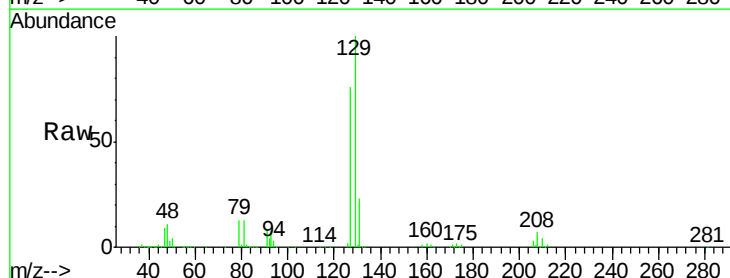
Manual Integrations
APPROVED

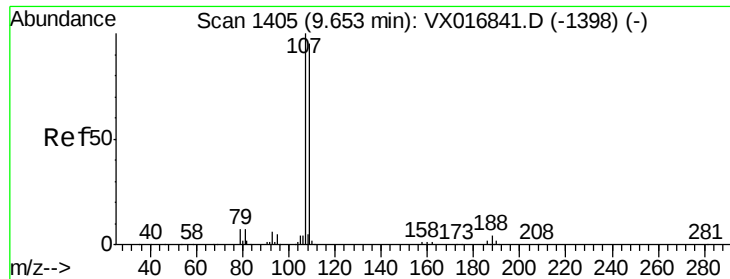
MMDadoda
6/19/2020 12:50:58 PM



#60
Dibromochloromethane
Concen: 52.208 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Tgt Ion	Ratio	Lower	Upper
129	100		
127	75.6	38.5	115.5





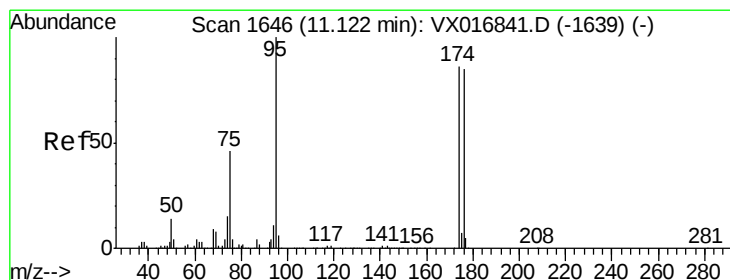
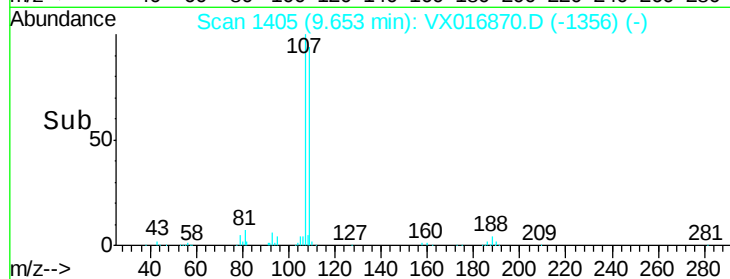
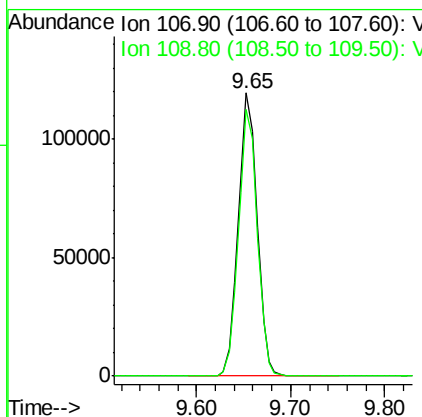
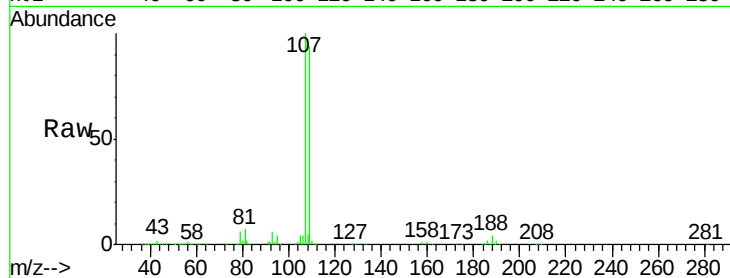
#61
 1,2-Dibromoethane
 Concen: 58.576 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX016870.D
 Acq: 19 Jun 2020 04:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.8	75.4	113.0

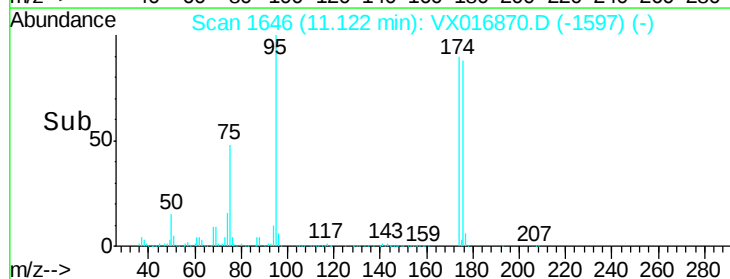
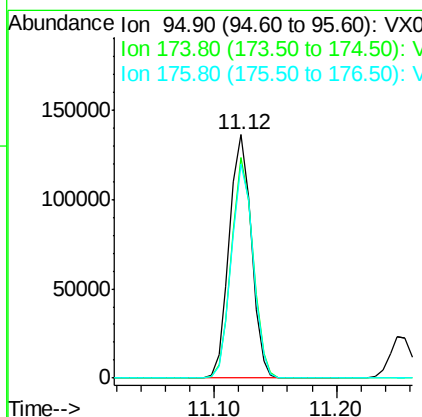
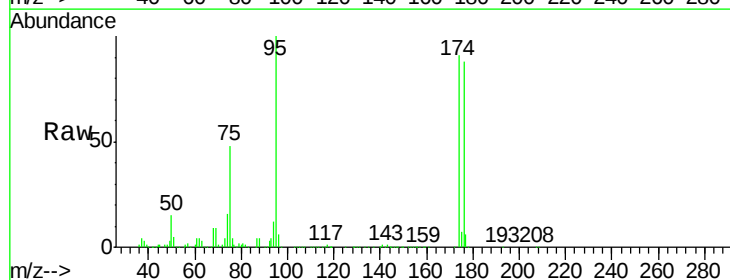
Manual Integrations
 APPROVED

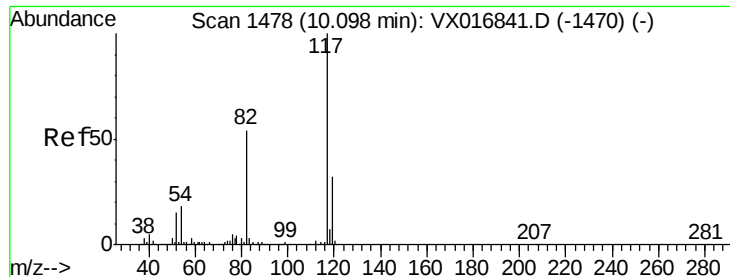
MMDadoda
 6/19/2020 12:50:58 PM



#62
 4-Bromofluorobenzene
 Concen: 45.752 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX016870.D
 Acq: 19 Jun 2020 04:04

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.4	0.0	174.2
176	86.2	0.0	170.0





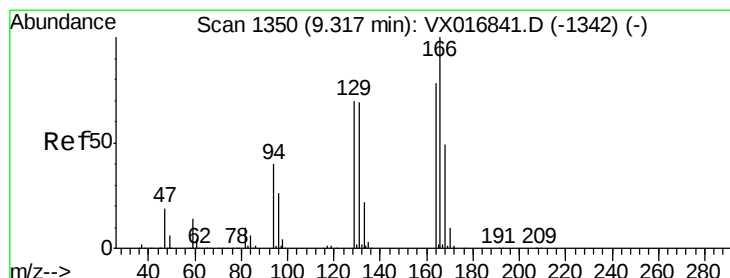
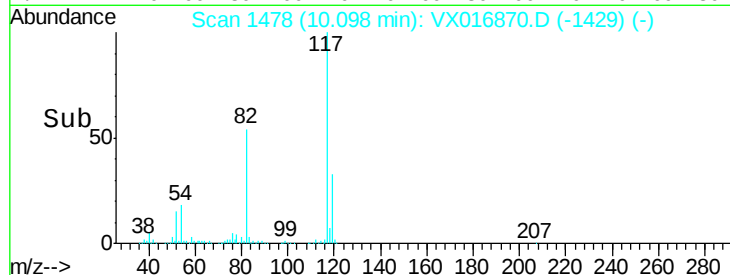
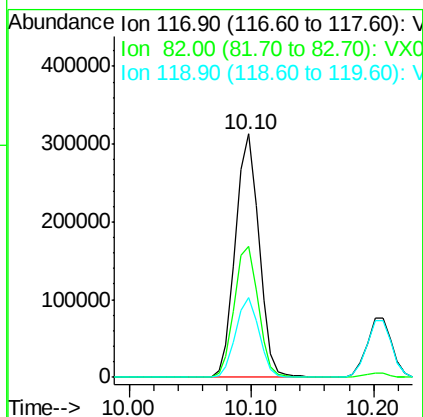
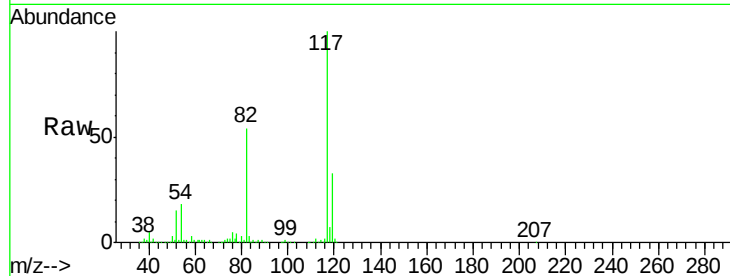
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.4	65.0
119	32.5	25.7	38.5

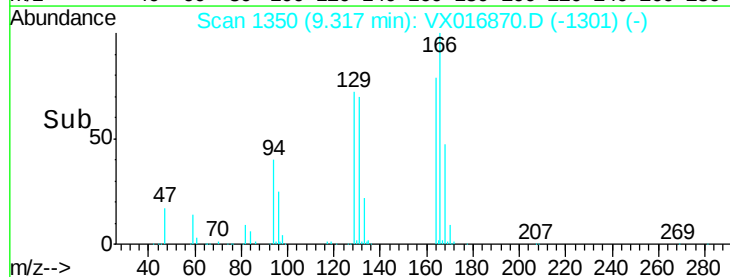
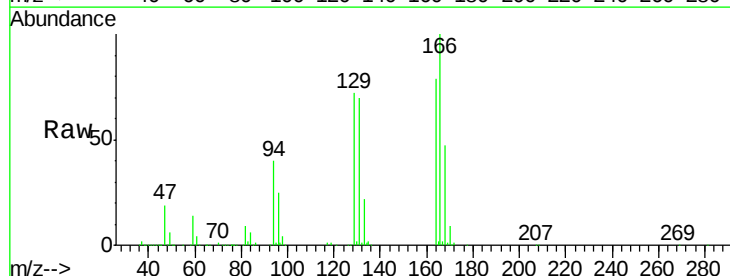
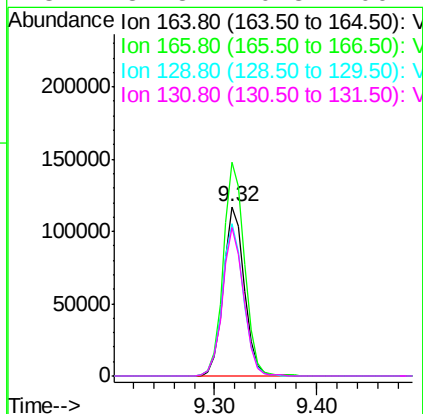
Manual Integrations
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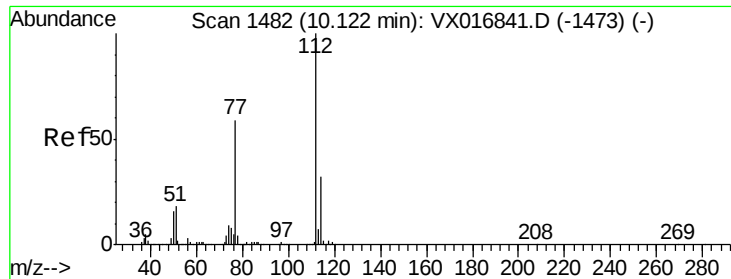
MMDadoda
6/19/2020 12:50:58 PM



#64
Tetrachloroethene
Concen: 43.046 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.2	102.6	153.8
129	90.4	72.2	108.2
131	87.8	70.8	106.2





#65

Chlorobenzene

Concen: 48.626 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 411624

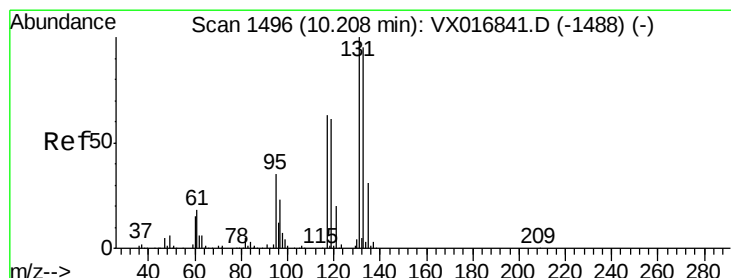
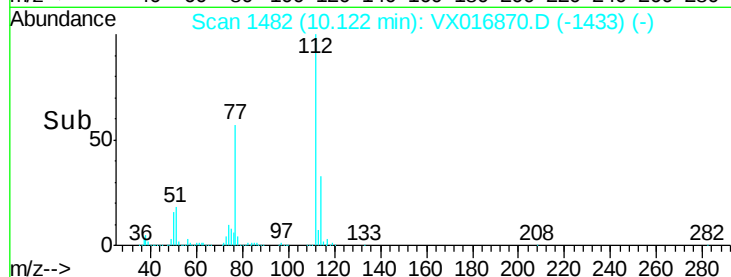
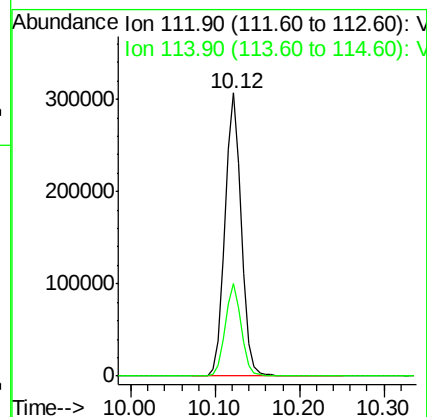
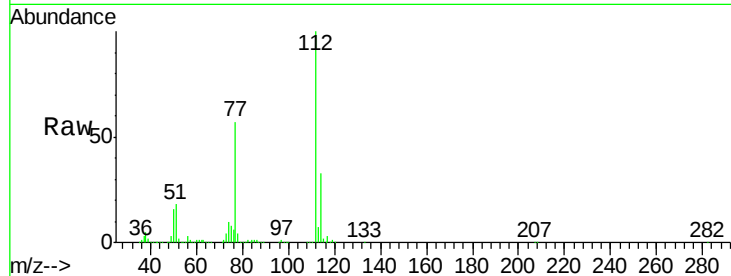
Ion Ratio Lower Upper

112 100

114 32.5 25.5 38.3

Manual Integrations
APPROVED

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6/19/2020 12:50:58 PM



#66

1,1,1,2-Tetrachloroethane

Concen: 49.895 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

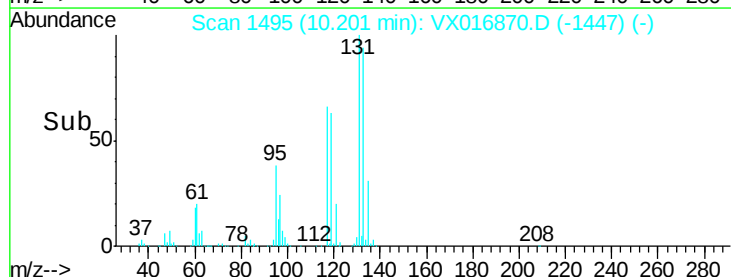
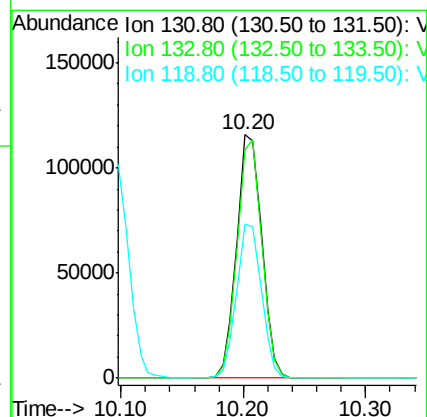
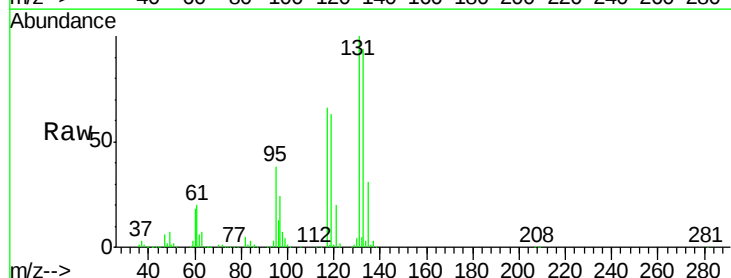
Tgt Ion:131 Resp: 163693

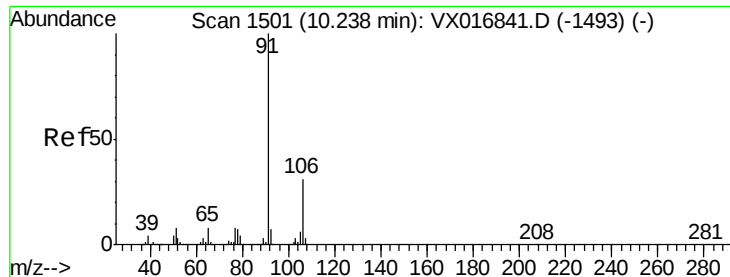
Ion Ratio Lower Upper

131 100

133 96.3 47.7 143.1

119 63.3 30.8 92.4





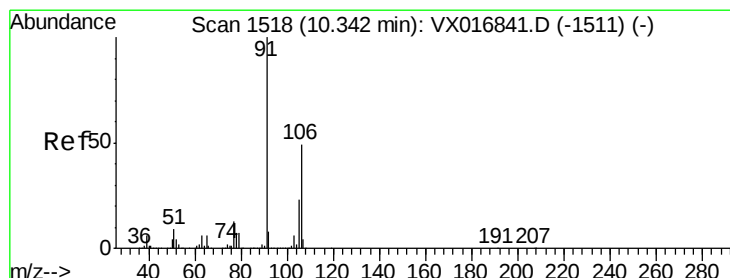
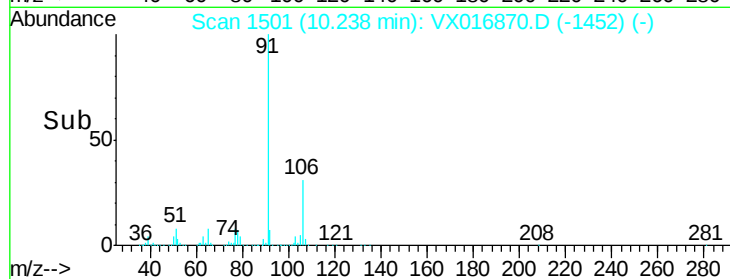
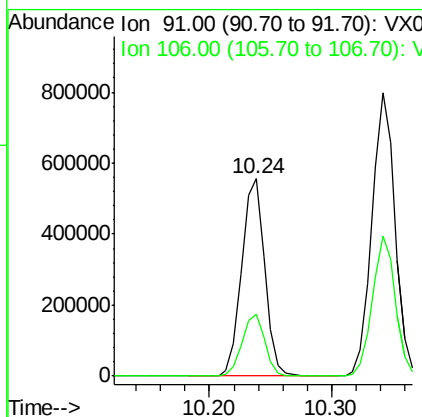
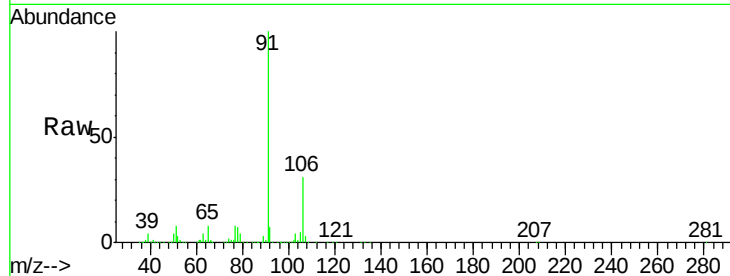
#67
Ethyl Benzene
Concen: 50.665 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 723626
Ion Ratio Lower Upper
91 100
106 31.2 25.1 37.7

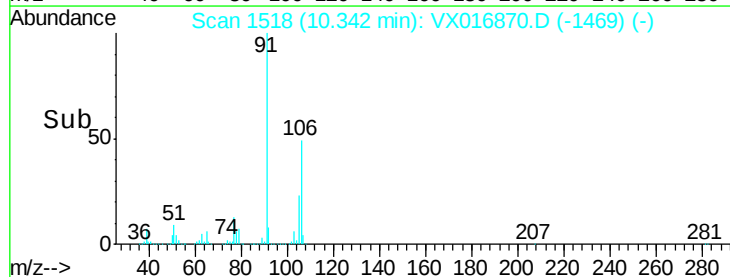
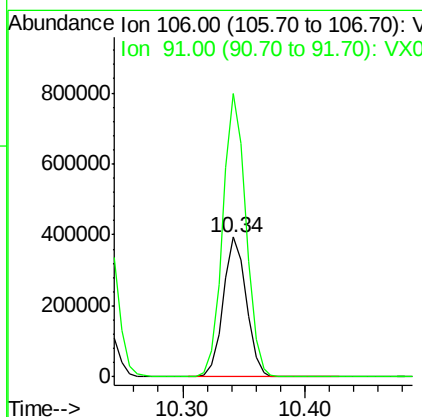
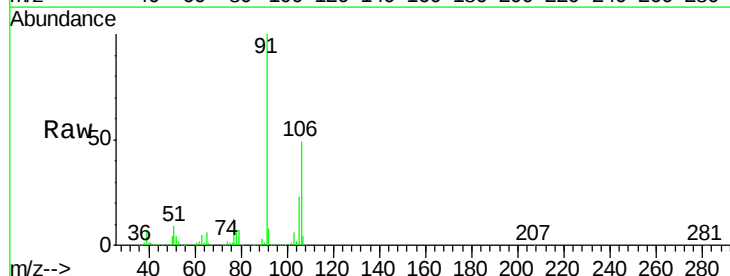
Manual Integrations
APPROVED

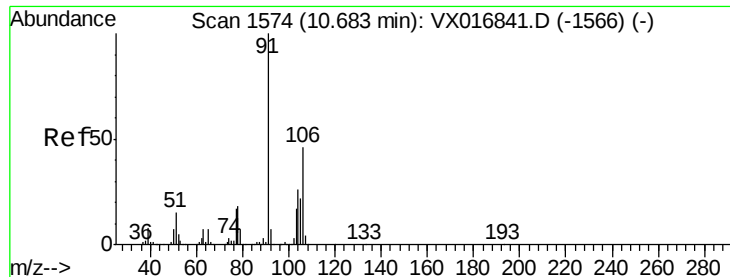
MMDadoda
6/19/2020 12:50:58 PM



#68
m/p-Xylenes
Concen: 92.468 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Tgt Ion: 106 Resp: 513918
Ion Ratio Lower Upper
106 100
91 203.7 161.5 242.3





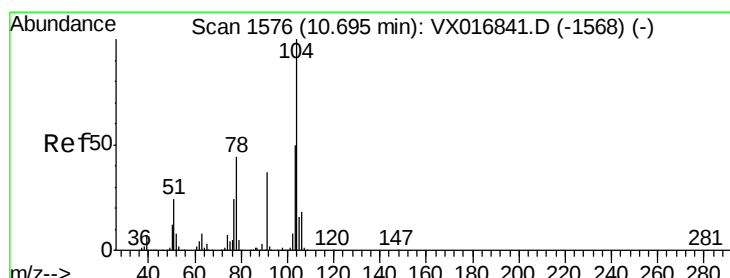
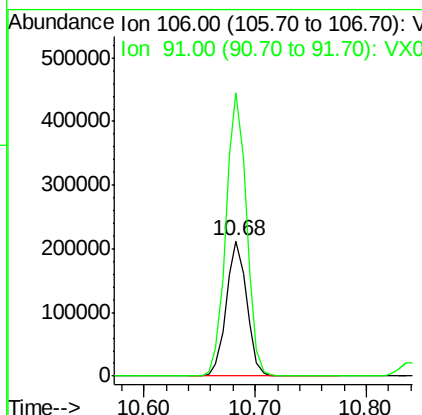
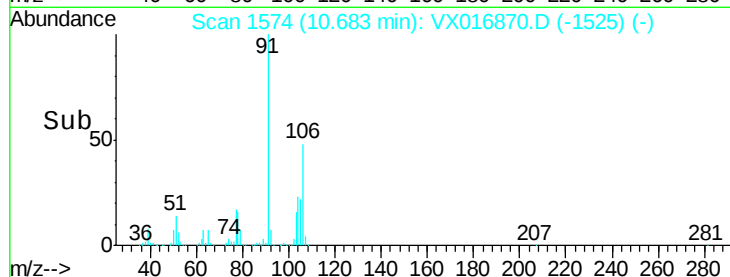
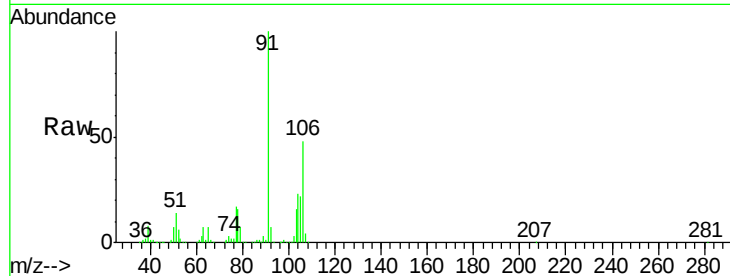
#69
o-Xylene
Concen: 52.179 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		268148		
91	211.3	107.9	323.7		

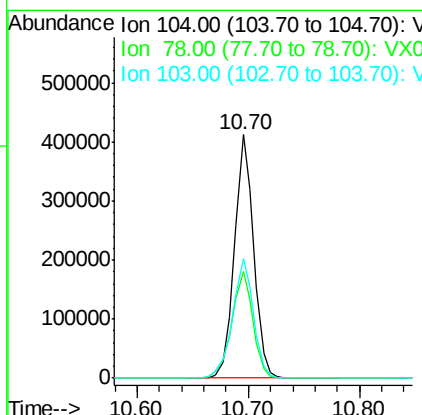
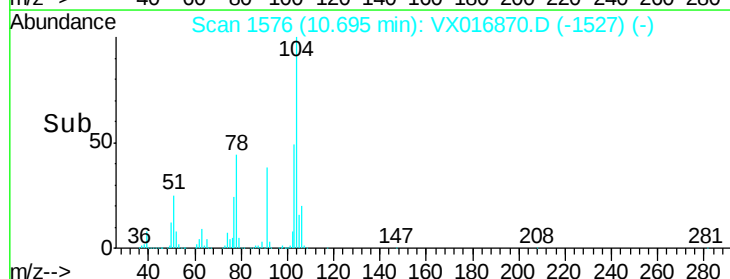
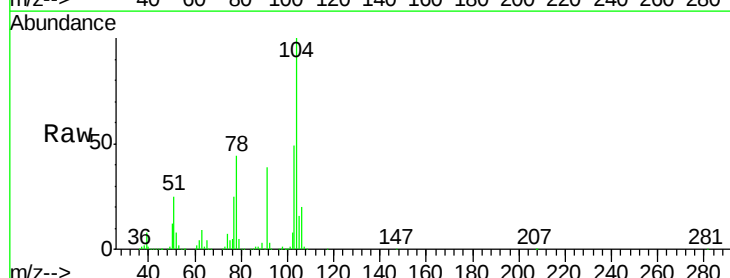
Manual Integrations
APPROVED

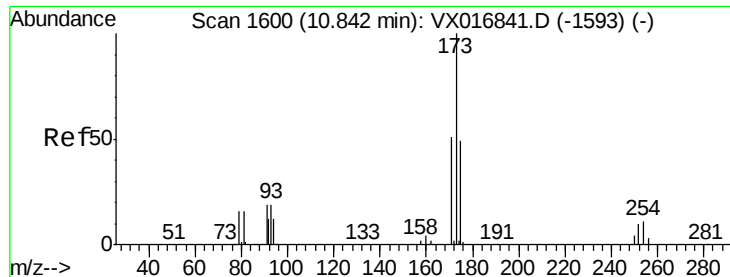
MMDadoda
6/19/2020 12:50:58 PM



#70
Styrene
Concen: 56.112 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		489954		
78	48.6	39.6	59.4		
103	53.4	43.3	64.9		





#71

Bromoform

Concen: 52.475 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Instrument :

MSVOA_X

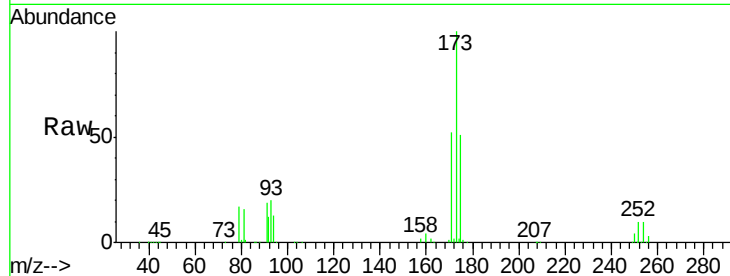
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.3	73.0
254	0.2	0.1	0.1

Manual Integrations
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6/19/2020 12:50:58 PM

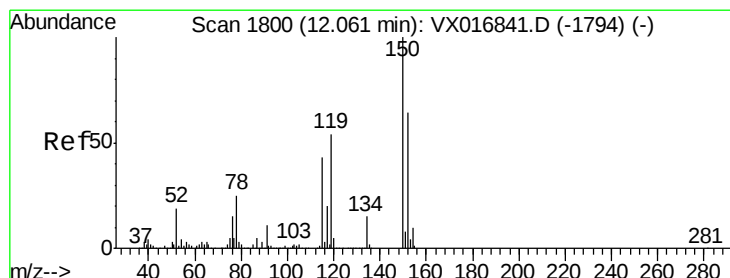
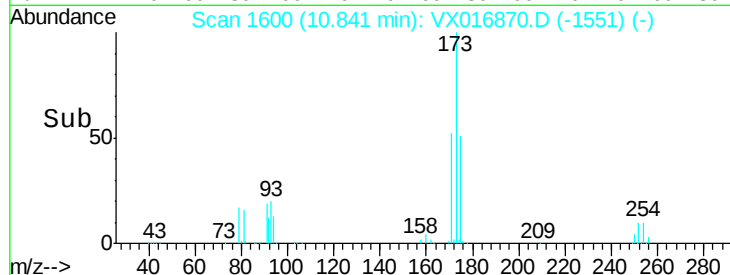
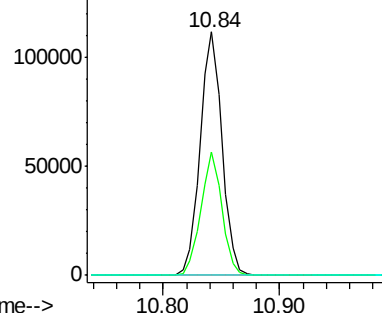


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

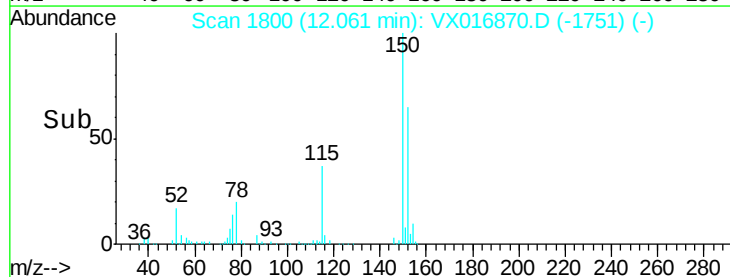
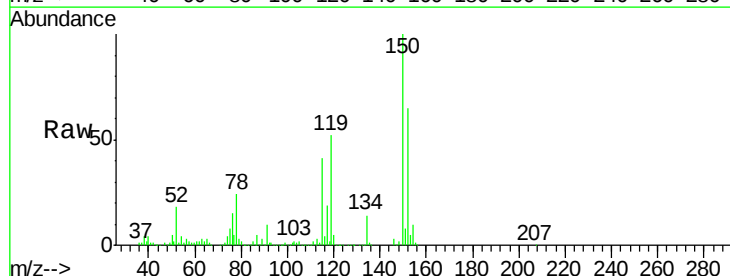
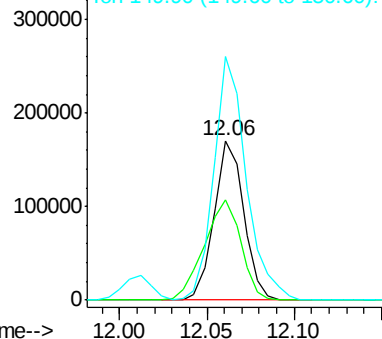
Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.6	40.9	122.8
150	166.7	0.0	344.2

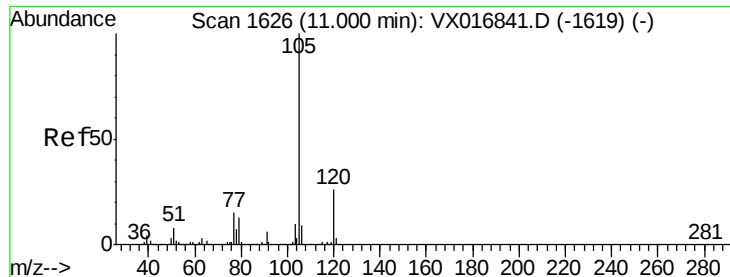
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.399 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 665993

Ion Ratio Lower Upper

105 100

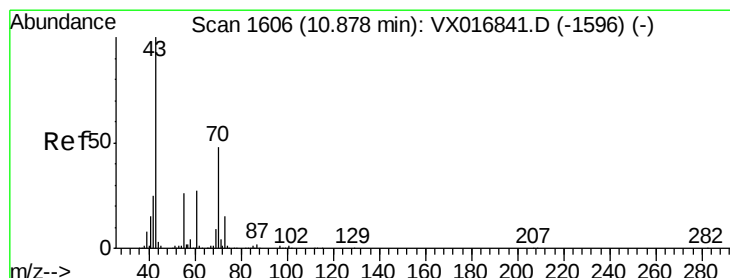
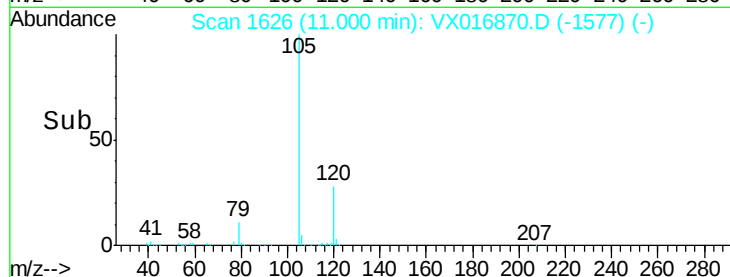
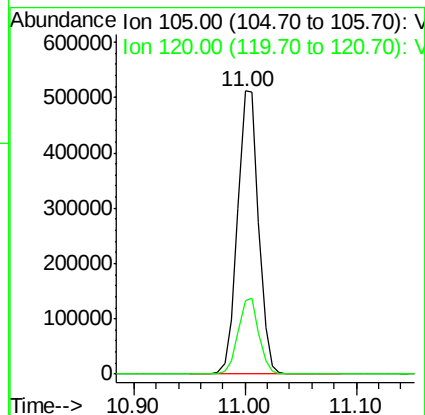
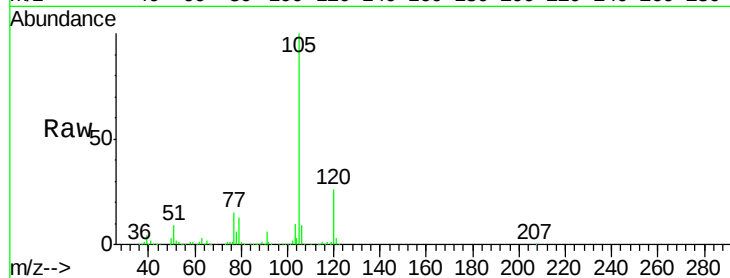
120 26.3 13.2 39.6

Manual Integrations

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#74

N-ethyl acetate

Concen: 62.843 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Tgt Ion: 43 Resp: 284339

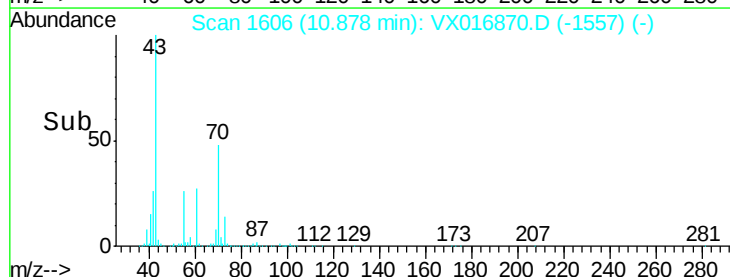
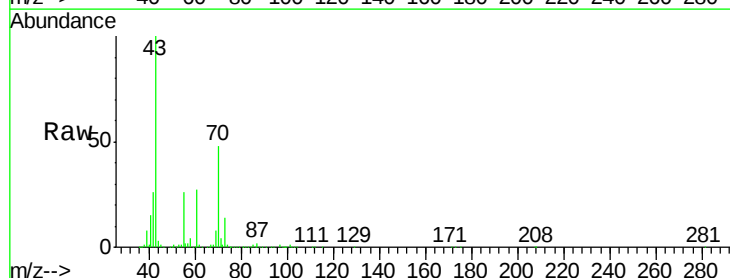
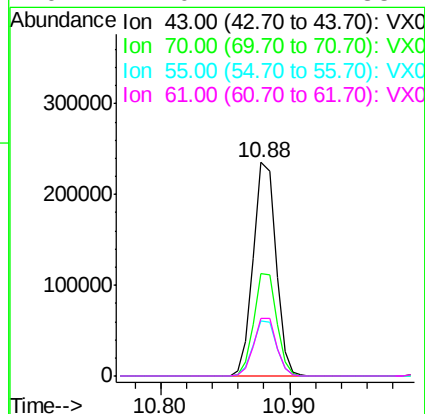
Ion Ratio Lower Upper

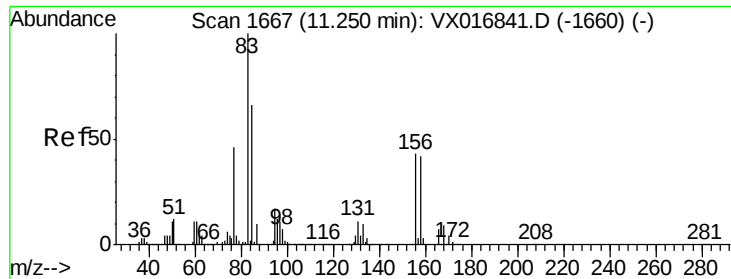
43 100

70 48.2 39.9 59.9

55 26.5 21.8 32.6

61 27.0 22.2 33.4





#75

1,1,2,2-Tetrachloroethane

Concen: 50.506 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 184789

Ion Ratio Lower Upper

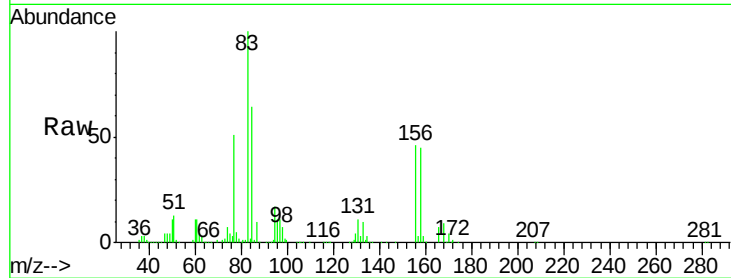
83 100

131 11.3 5.7 17.1

85 64.3 32.6 97.8

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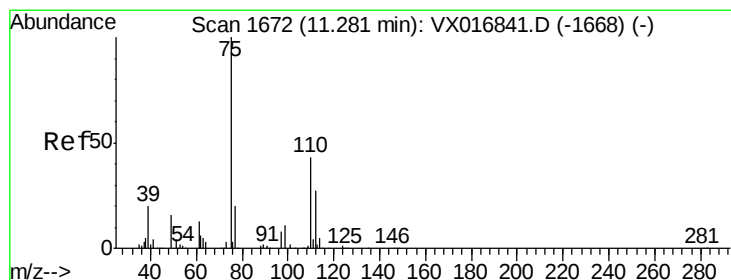
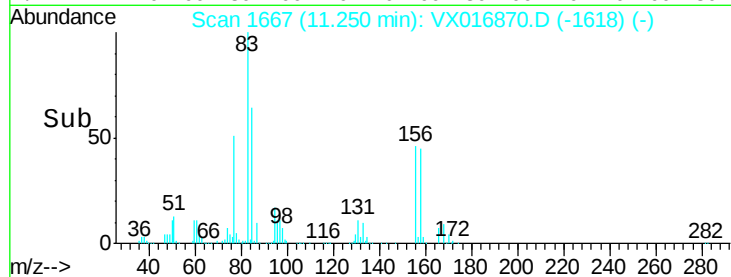
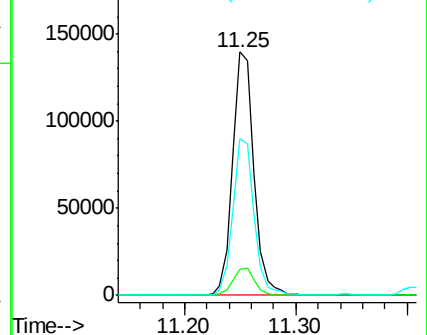
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 49.123 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016870.D

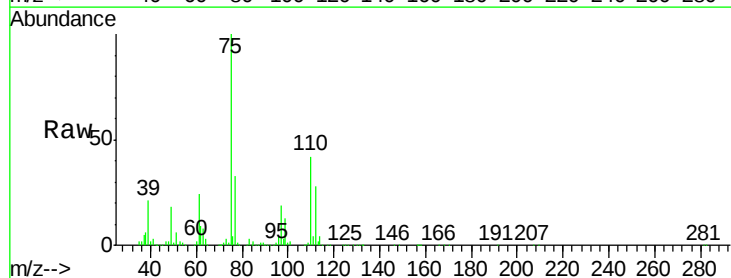
Acq: 19 Jun 2020 04:04

Tgt Ion: 75 Resp: 180547

Ion Ratio Lower Upper

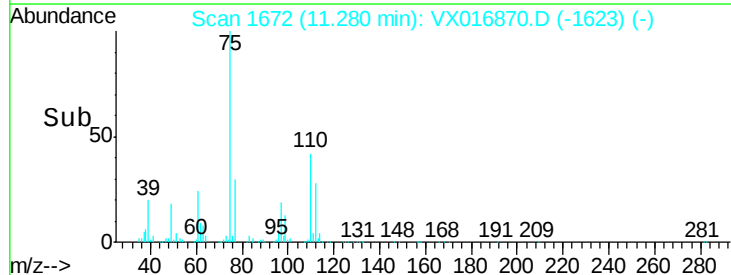
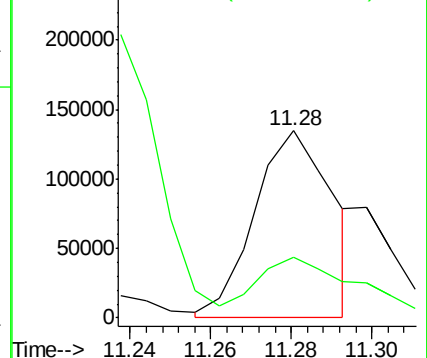
75 100

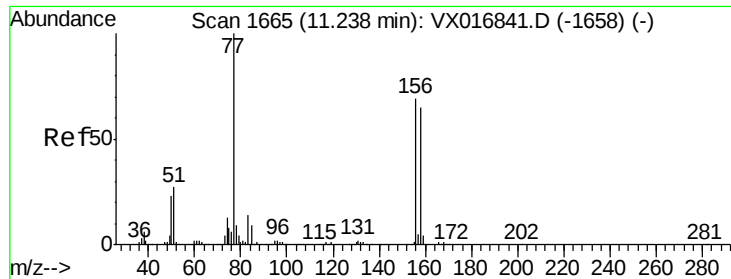
77 42.3 20.5 61.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





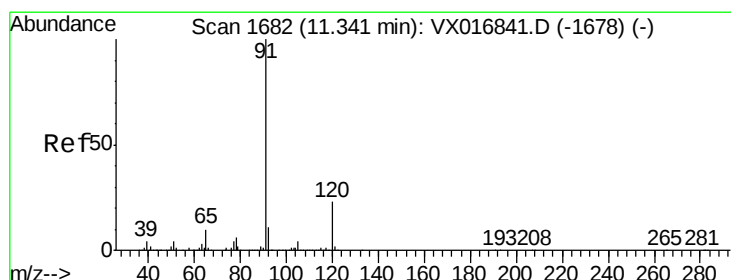
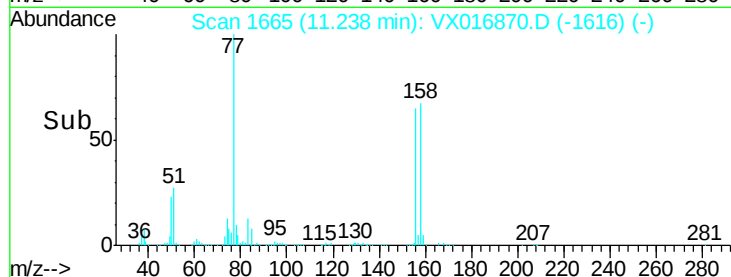
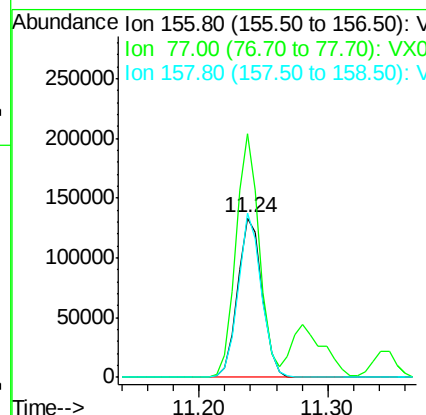
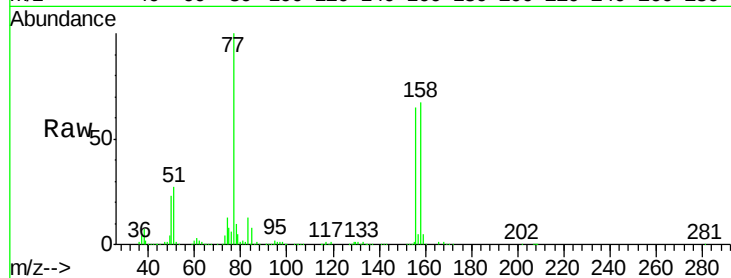
#77
Bromobenzene
Concen: 49.861 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	147.8	73.4	220.2
158	97.4	48.8	146.3

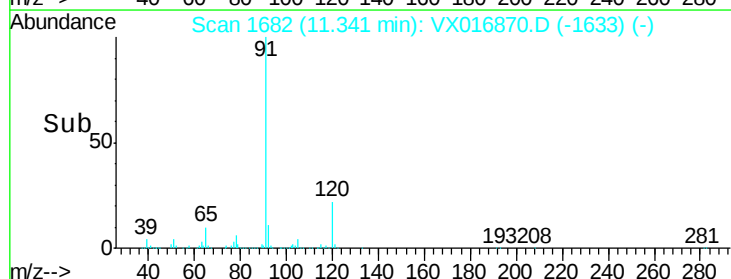
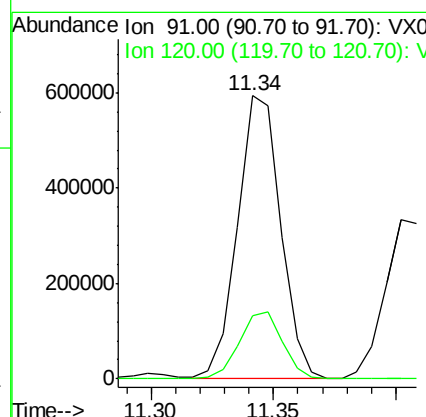
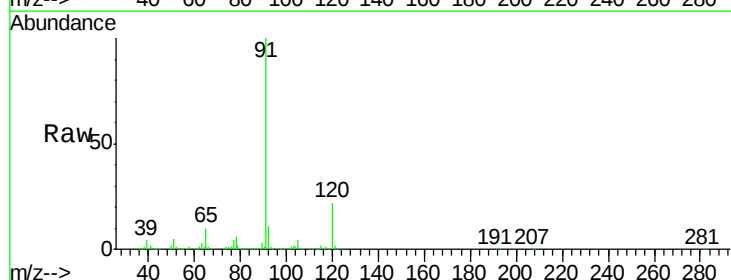
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#78
n-propylbenzene
Concen: 49.973 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.9	35.5





#79

2-Chlorotoluene

Concen: 48.930 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 432918

Ion Ratio Lower Upper

91 100

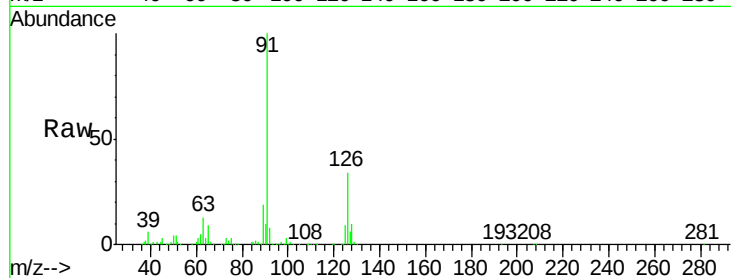
126 34.3 17.2 51.5

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX016841.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX016841.D (-1687) (-)

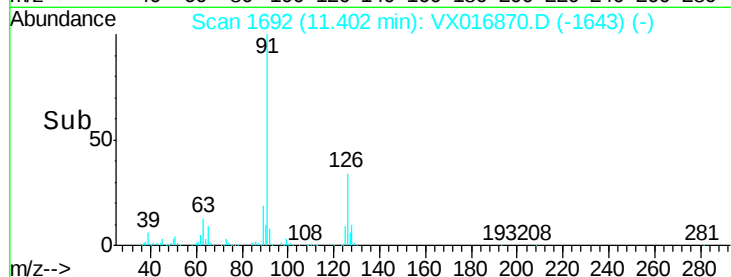
600000

400000

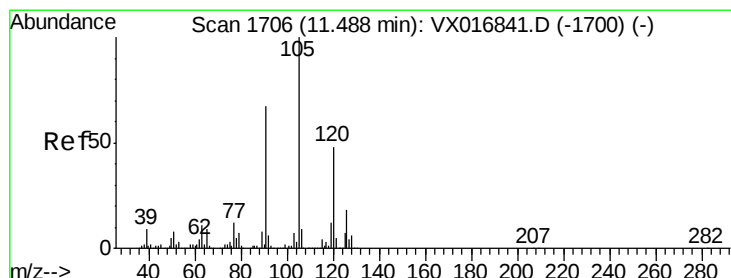
200000

0

11.35 11.40 11.45



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 49.073 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016870.D

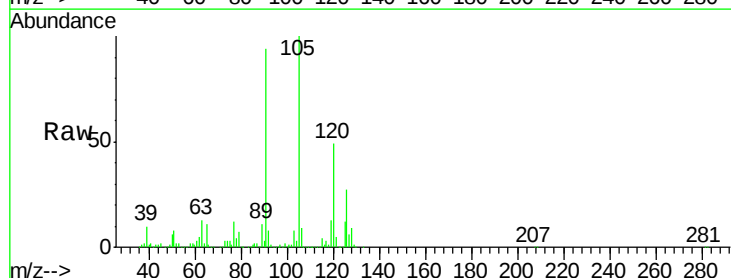
Acq: 19 Jun 2020 04:04

Tgt Ion: 105 Resp: 548614

Ion Ratio Lower Upper

105 100

120 49.0 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VX016841.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX016841.D (-1700) (-)

500000

400000

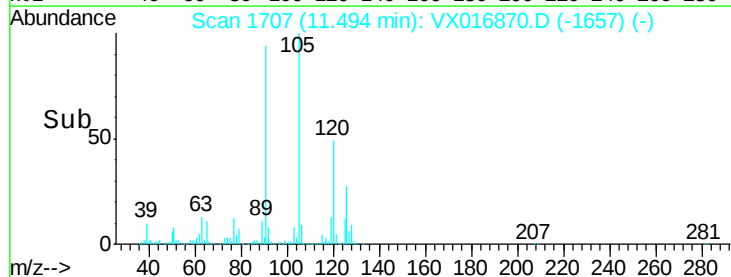
300000

200000

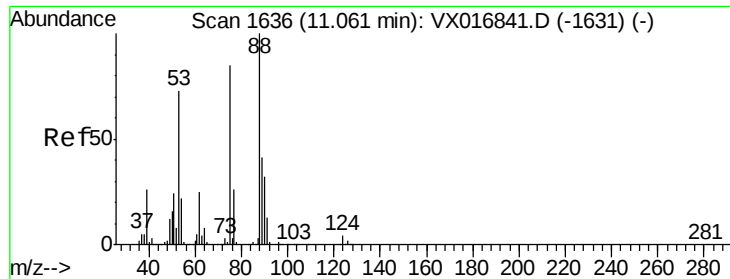
100000

0

11.45 11.50 11.55



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 45.368 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 68092

Ion Ratio Lower Upper

75 100

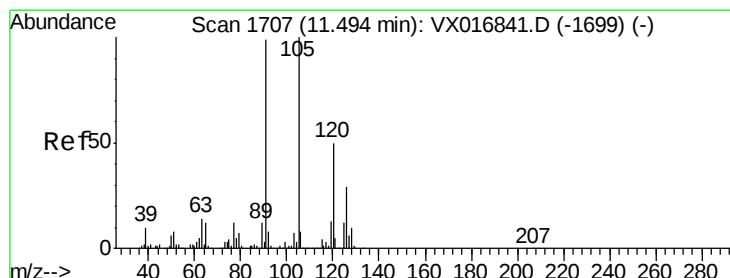
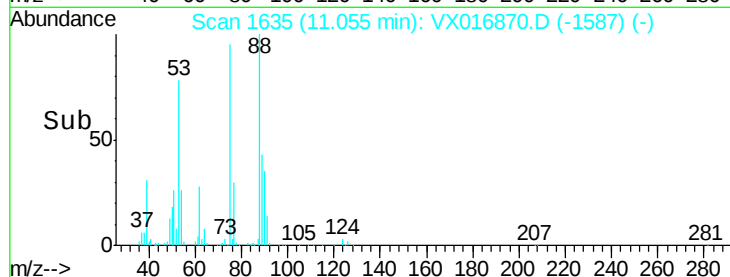
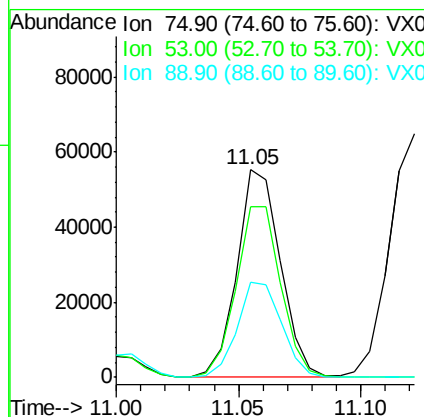
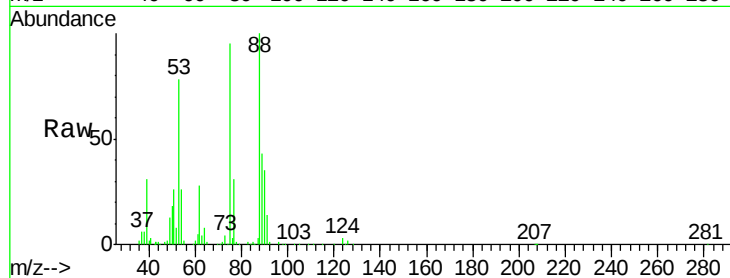
53 85.2 69.8 104.8

89 47.2 38.3 57.5

Manual Integrations
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#82

4-Chlorotoluene

Concen: 48.442 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016870.D

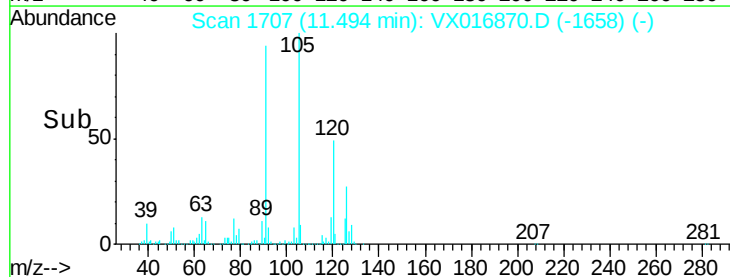
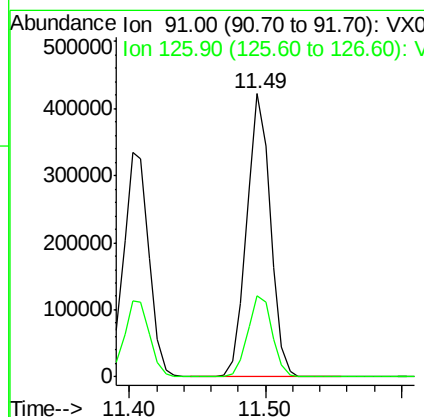
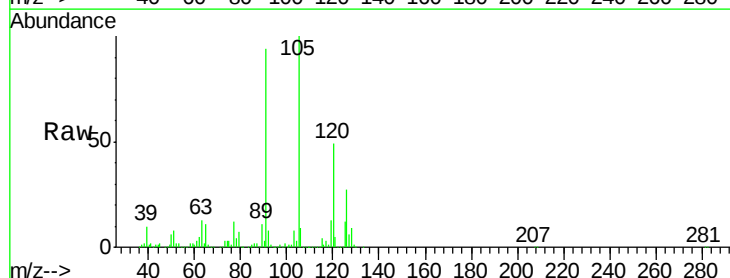
Acq: 19 Jun 2020 04:04

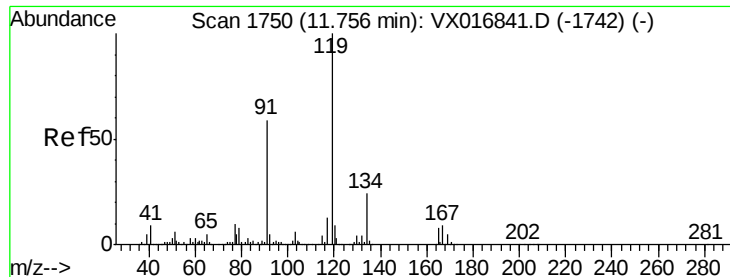
Tgt Ion: 91 Resp: 514188

Ion Ratio Lower Upper

91 100

126 29.8 15.0 45.0





#83

tert-Butylbenzene

Concen: 46.756 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Instrument :

MSVOA_X

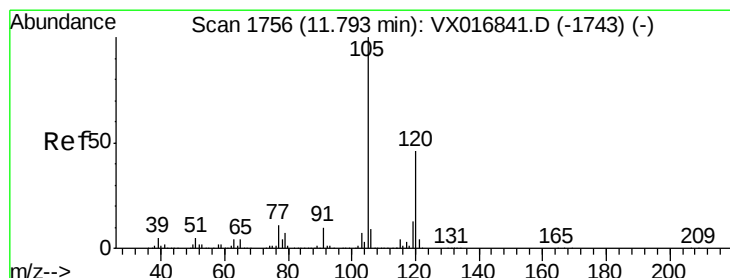
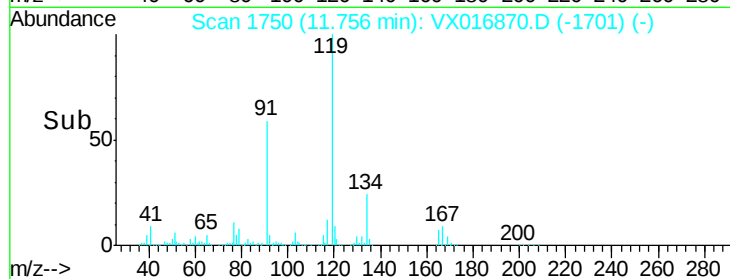
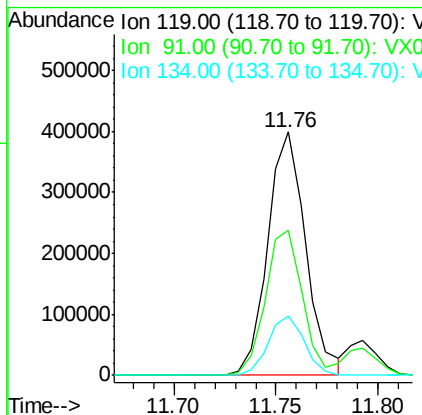
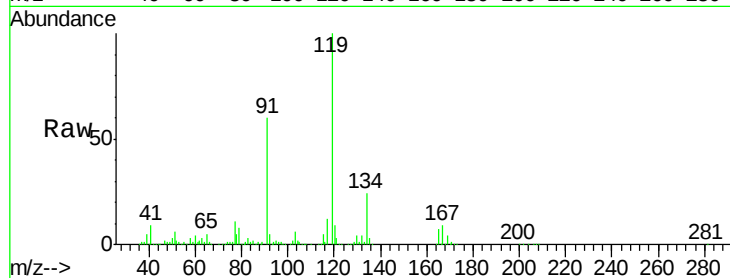
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	517189
Ion Ratio	Lower	Upper	
119	100		
91	57.8	28.5	85.5
134	23.5	11.7	35.1

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 48.775 ug/l

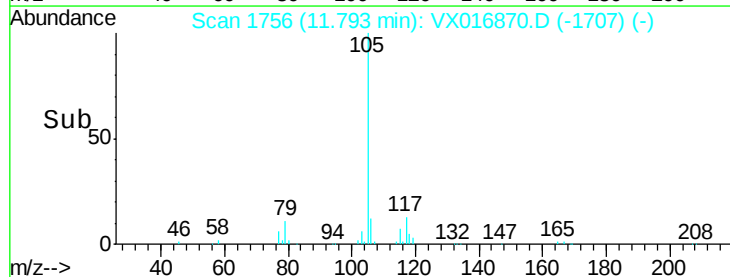
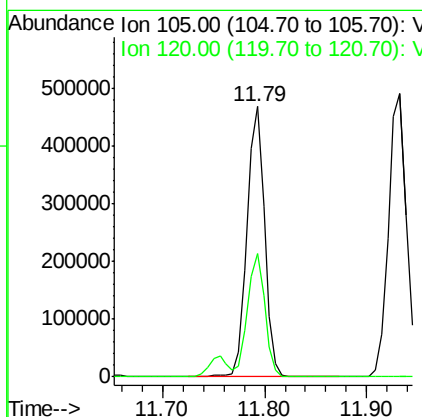
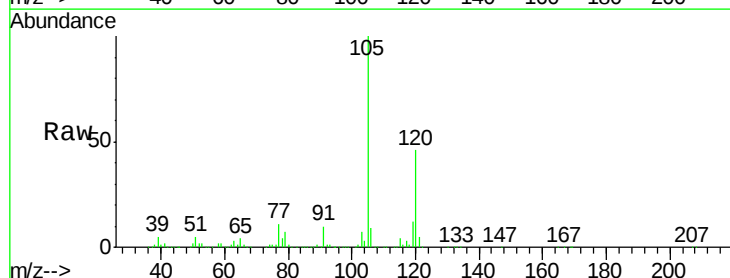
RT: 11.79 min Scan# 1756

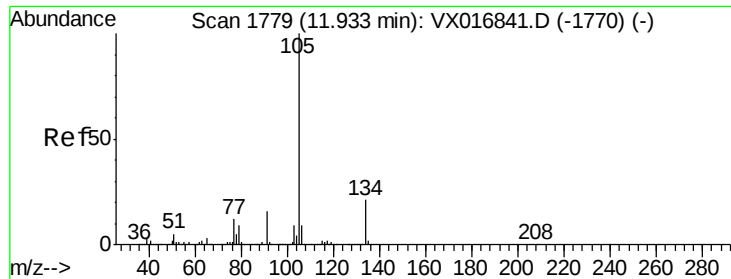
Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Tgt Ion:	105	Resp:	561700
Ion Ratio	Lower	Upper	
105	100		
120	45.2	22.3	66.9





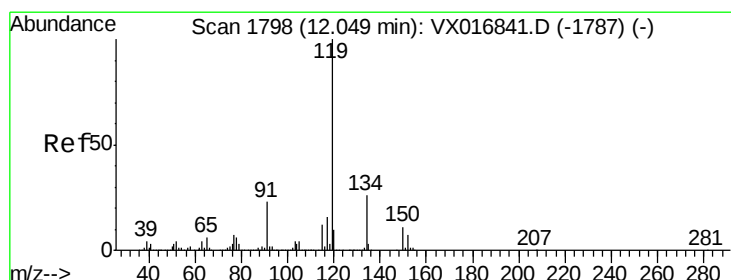
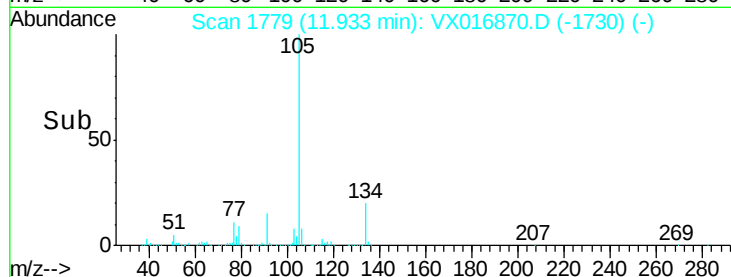
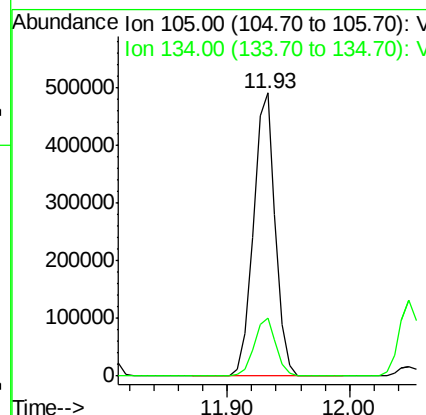
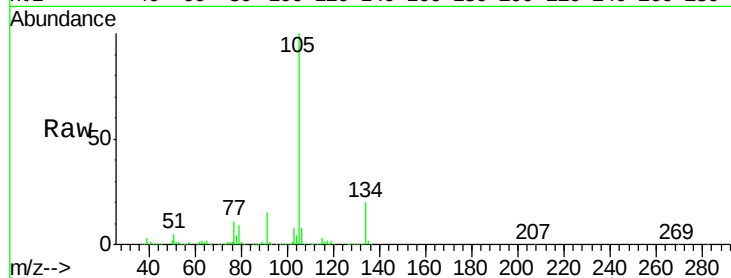
#85
 sec-Butylbenzene
 Concen: 47.318 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016870.D
 Acq: 19 Jun 2020 04:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.4	10.4	31.2

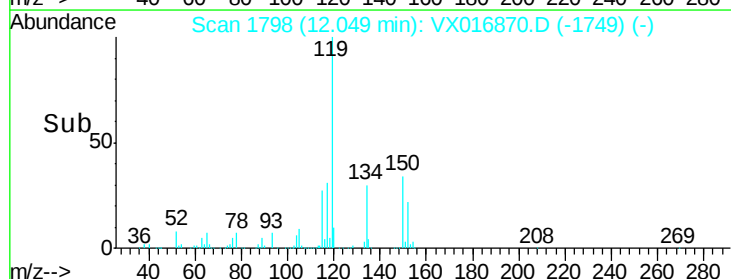
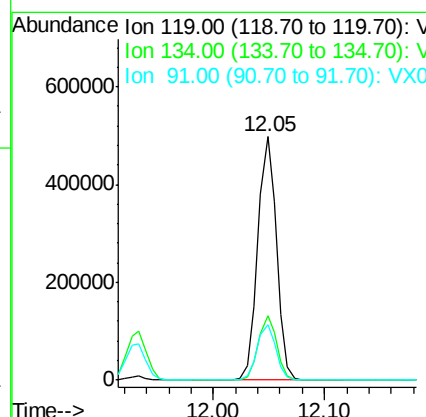
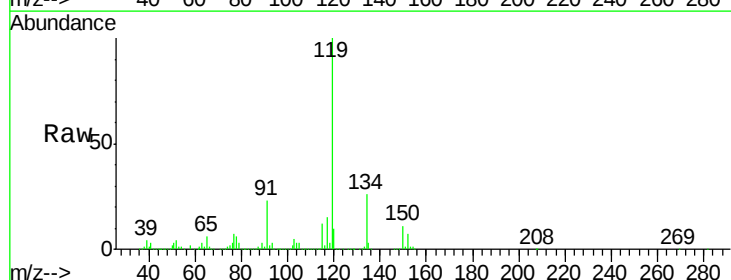
Manual Integrations
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#86
 p-Isopropyltoluene
 Concen: 49.668 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016870.D
 Acq: 19 Jun 2020 04:04

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	12.9	38.7
91	22.8	11.6	34.8





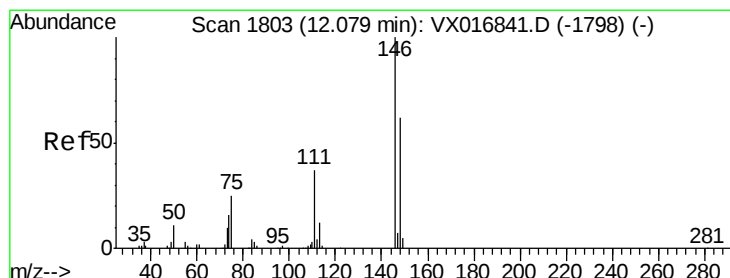
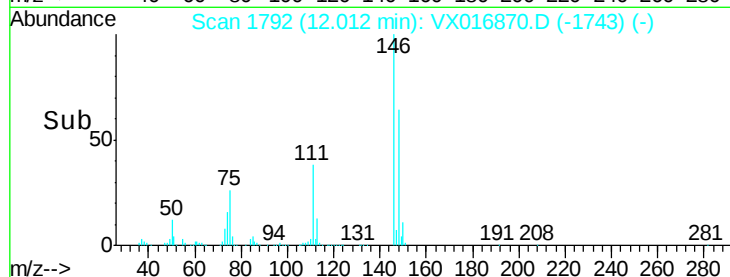
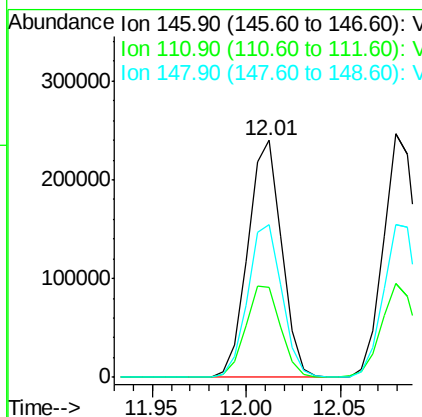
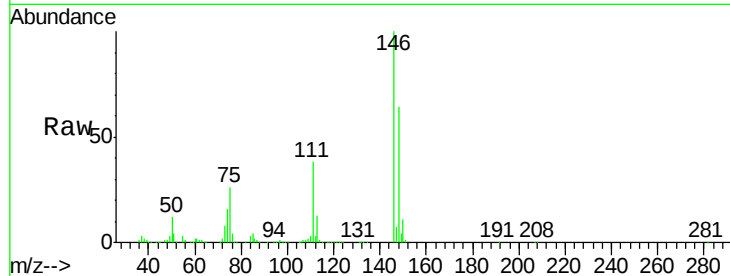
#87
 1,3-Dichlorobenzene
 Concen: 46.218 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016870.D
 Acq: 19 Jun 2020 04:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	298390		
111	40.1	19.4	58.2	
148	65.0	31.8	95.3	

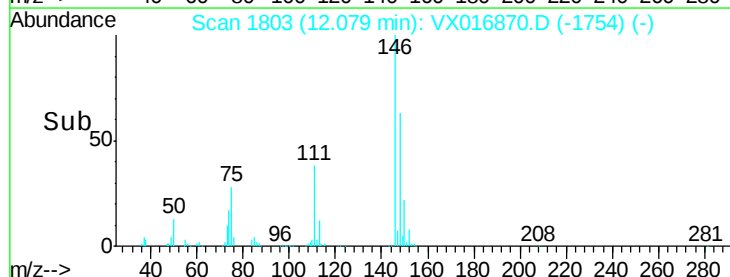
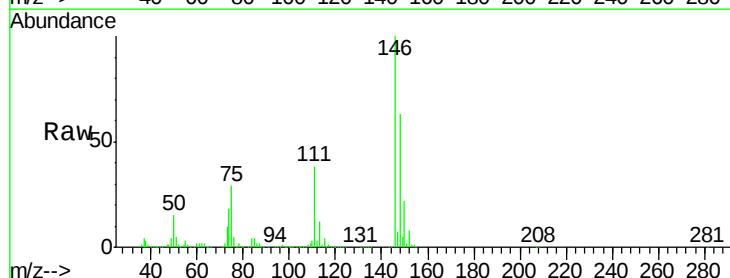
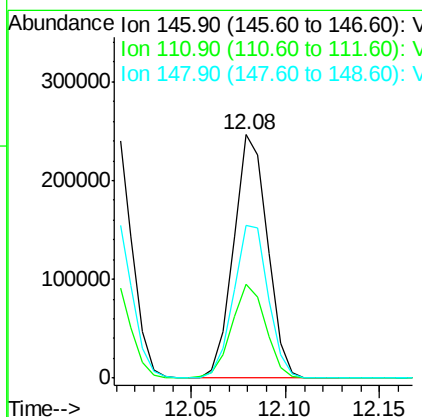
Manual Integrations
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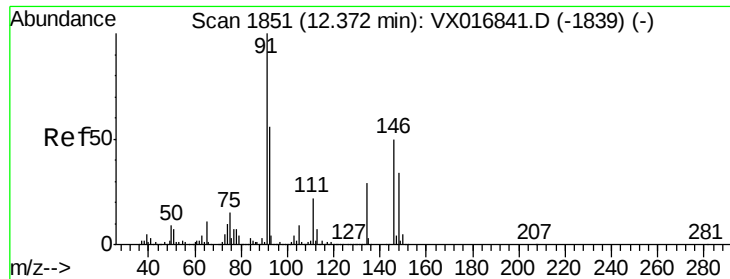
MMDadoda
 6/19/2020 12:50:58 PM



#88
 1,4-Dichlorobenzene
 Concen: 47.011 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016870.D
 Acq: 19 Jun 2020 04:04

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	306946		
111	38.9	19.0	57.0	
148	64.4	31.6	95.0	





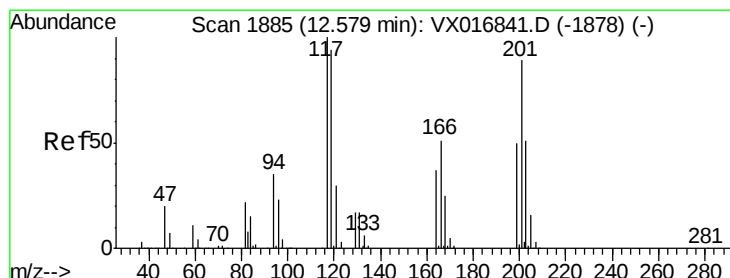
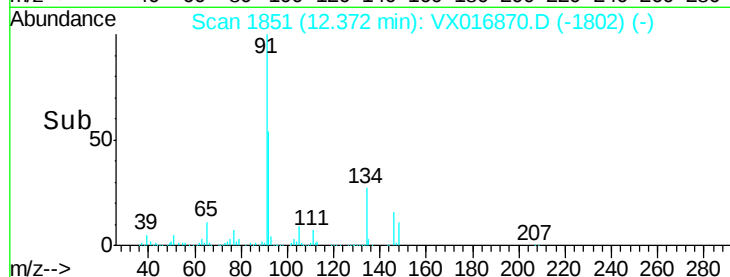
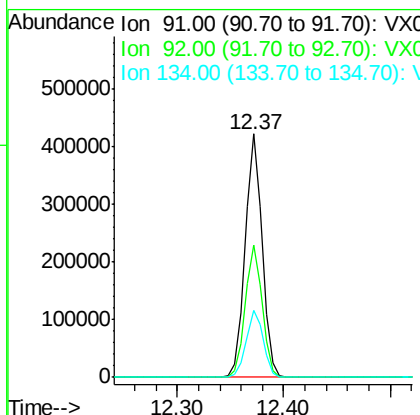
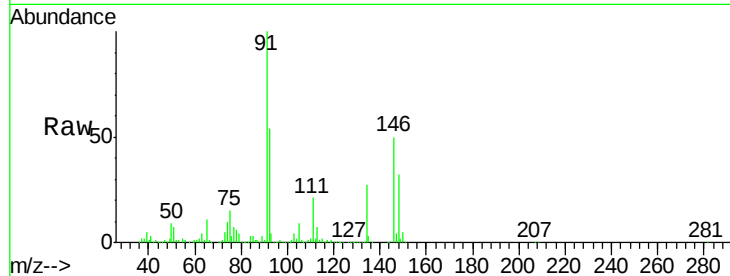
#89
n-Butylbenzene
Concen: 46.724 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.4	82.2
134	27.5	13.9	41.6

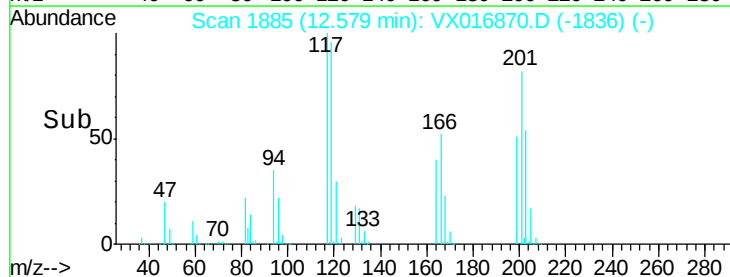
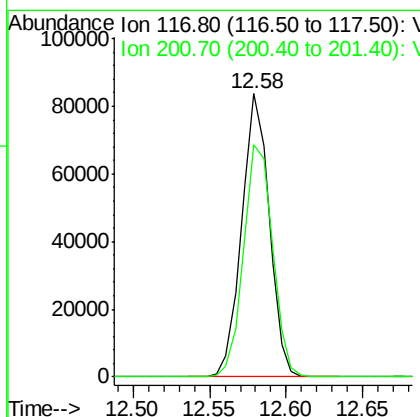
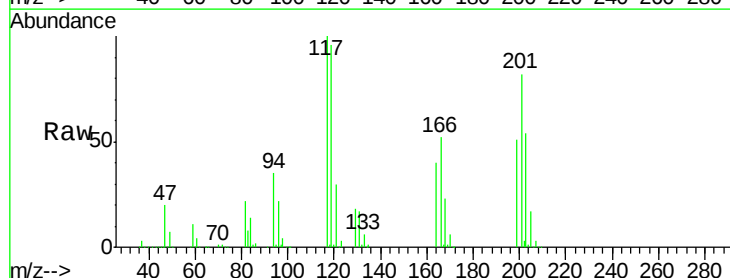
Manual Integrations
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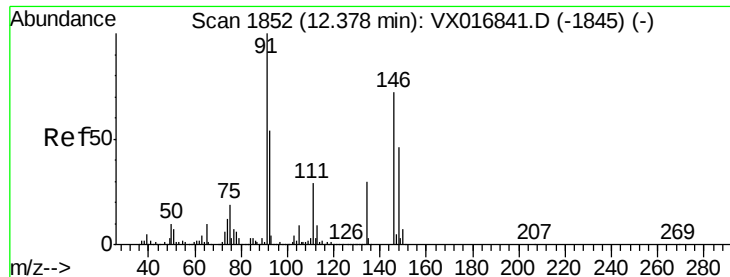
MMDadoda
6/19/2020 12:50:58 PM



#90
Hexachloroethane
Concen: 49.305 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016870.D
Acq: 19 Jun 2020 04:04

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.5	44.9	134.5





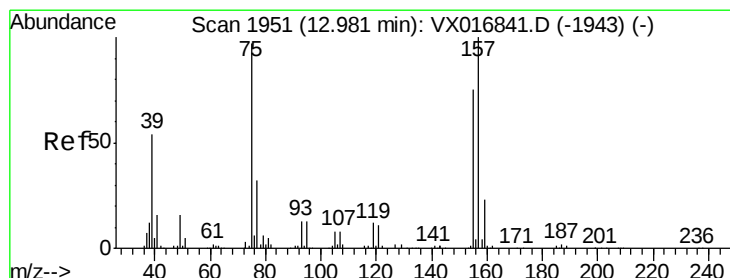
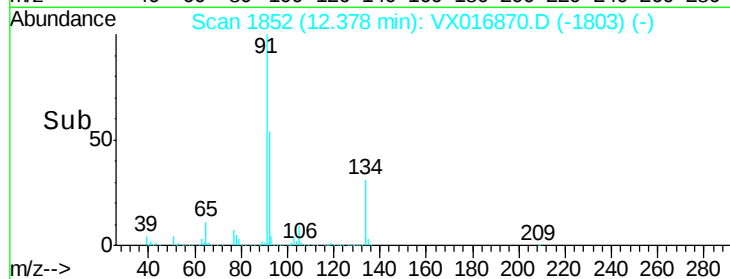
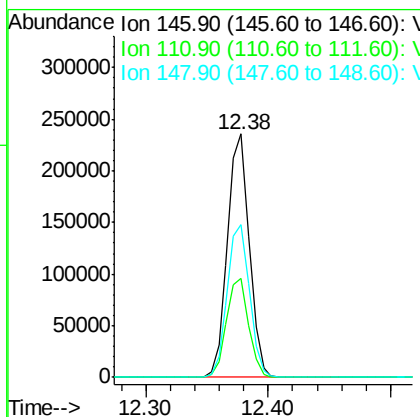
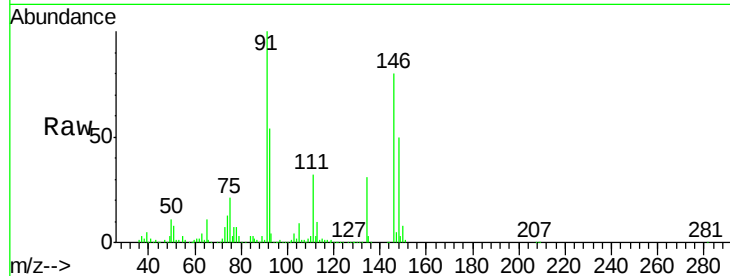
#91
 1,2-Dichlorobenzene
 Concen: 46.504 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016870.D
 Acq: 19 Jun 2020 04:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	289839		
111	41.3	20.9	62.7	
148	64.1	32.9	98.6	

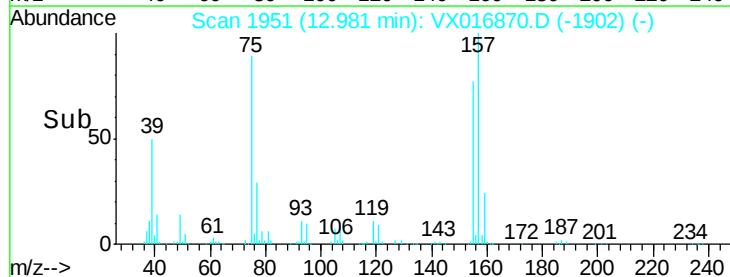
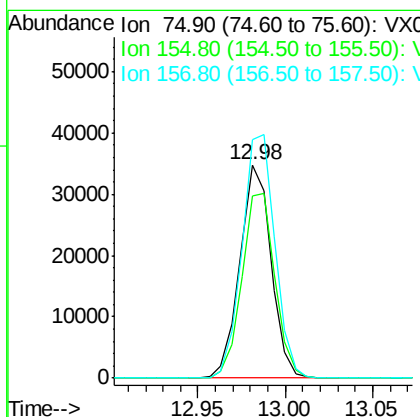
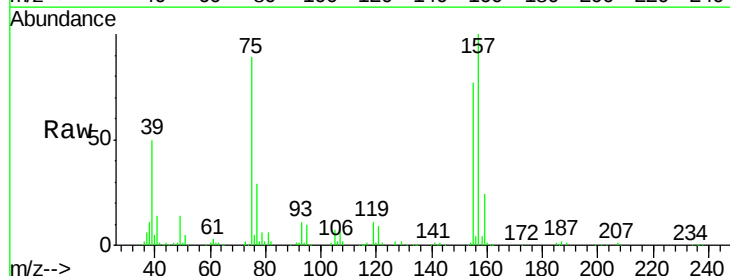
Manual Integrations
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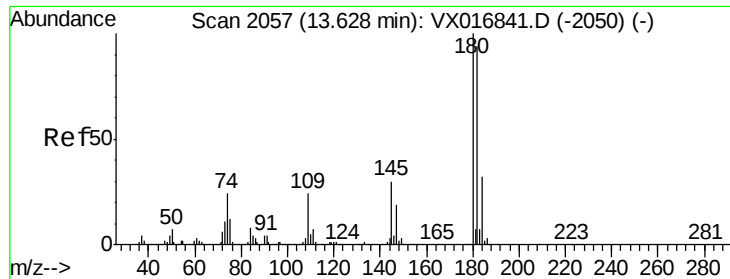
MMDadoda
 6/19/2020 12:50:58 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.939 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016870.D
 Acq: 19 Jun 2020 04:04

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	43323		
155	90.8	46.4	139.1	
157	119.4	58.6	175.8	





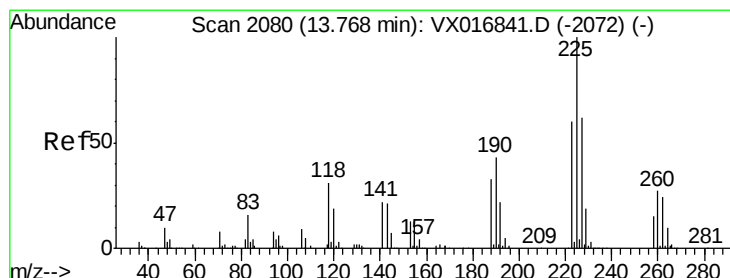
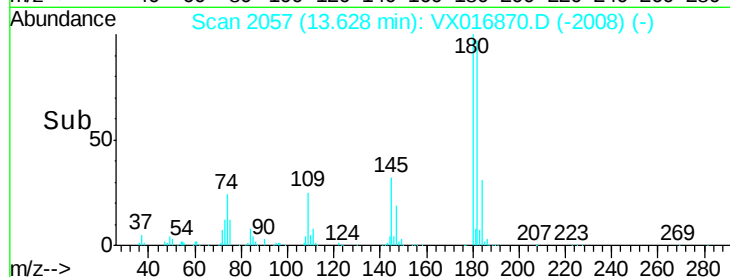
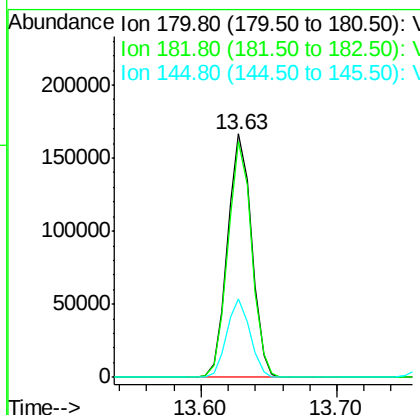
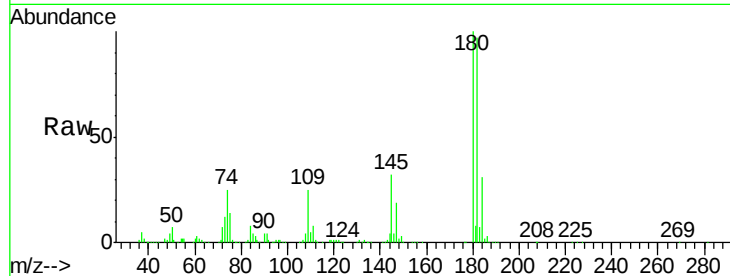
#93
 1,2,4-Trichlorobenzene
 Concen: 48.669 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016870.D
 Acq: 19 Jun 2020 04:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	203689		
182	95.9	47.7	143.1	
145	31.5	15.0	45.1	

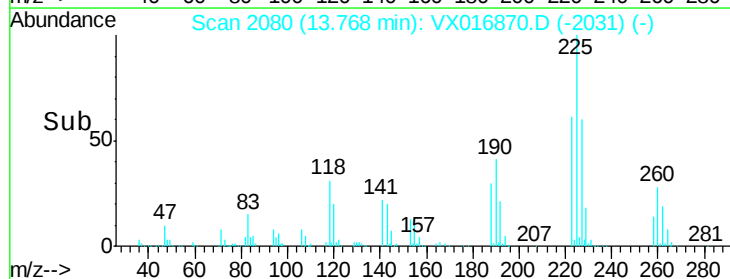
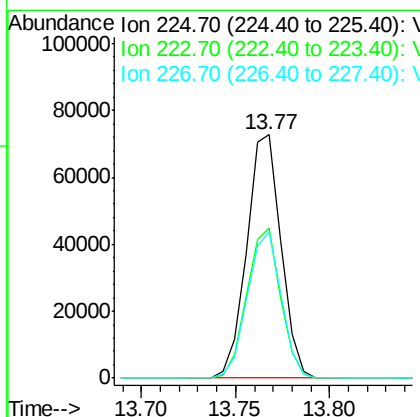
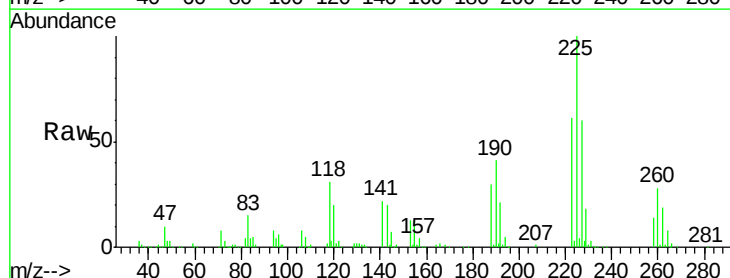
Manual Integrations
 APPROVED

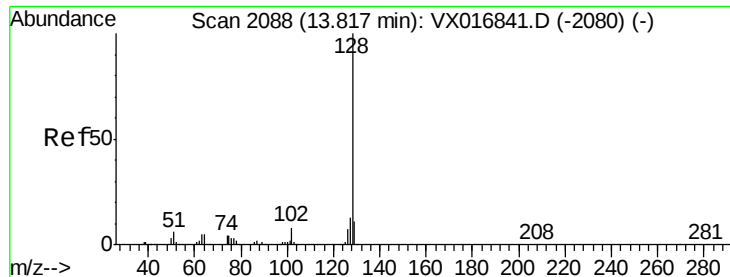
MMDadoda
 6/19/2020 12:50:58 PM



#94
 Hexachlorobutadiene
 Concen: 48.427 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016870.D
 Acq: 19 Jun 2020 04:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	91456		
223	60.6	32.1	96.5	
227	59.4	32.3	96.8	





#95

Naphthalene

Concen: 52.230 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Instrument :

MSVOA_X

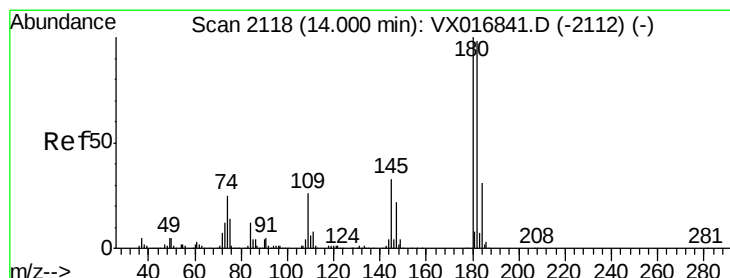
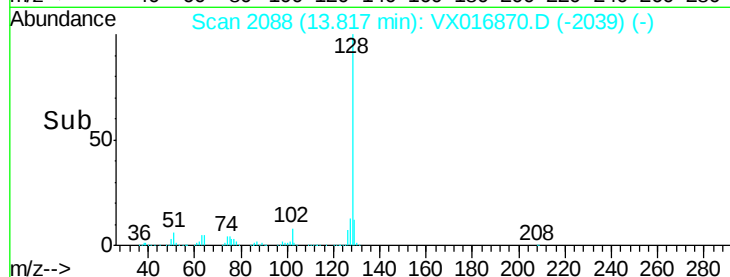
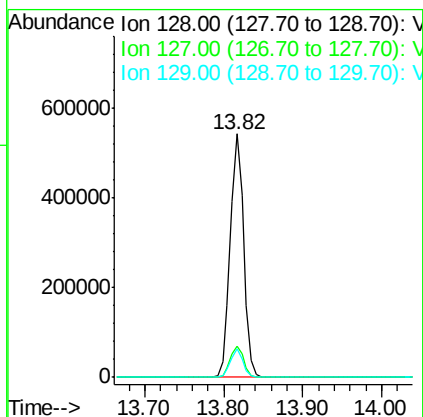
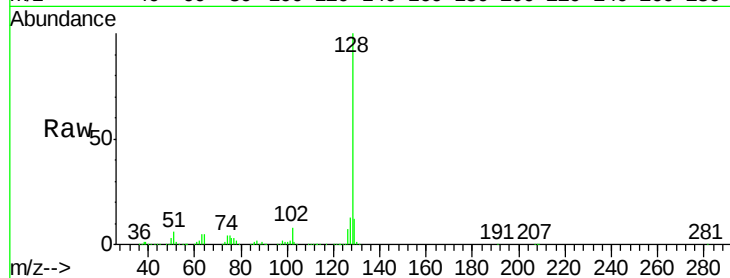
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	641753
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/19/2020 12:50:58 PM



#96

1,2,3-Trichlorobenzene

Concen: 47.898 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX016870.D

Acq: 19 Jun 2020 04:04

Tgt Ion:	180	Resp:	199914
Ion Ratio	Lower	Upper	
180	100		
182	97.6	47.4	142.3
145	32.5	16.0	48.0

