

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052820\
 Data File : VX016499.D
 Acq On : 28 May 2020 20:27
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/29/2020 10:57:55 AM

Quant Time: May 29 04:31:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	291877	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	476451	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	438661	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	215994	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	184006	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
35) Dibromofluoromethane	5.47	113	146994	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
50) Toluene-d8	8.70	98	573424	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
62) 4-Bromofluorobenzene	11.12	95	218582	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	148897	51.837	ug/l	97
3) Chloromethane	1.31	50	181588	52.313	ug/l	99
4) Vinyl Chloride	1.39	62	190751	51.964	ug/l	100
5) Bromomethane	1.62	94	93184	52.208	ug/l	100
6) Chloroethane	1.70	64	114674	53.553	ug/l	98
7) Trichlorofluoromethane	1.91	101	249393	51.732	ug/l	98
8) Diethyl Ether	2.17	74	102943	51.210	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	130992	49.370	ug/l	99
10) Methyl Iodide	2.49	142	154918	48.940	ug/l	100
11) Tert butyl alcohol	3.02	59	238140	256.204	ug/l	99
12) 1,1-Dichloroethene	2.36	96	145357	51.756	ug/l	98
13) Acrolein	2.27	56	108842	275.274	ug/l	98
14) Allyl chloride	2.70	41	267275	51.748	ug/l	99
15) Acrylonitrile	3.12	53	511644	268.719	ug/l	99
16) Acetone	2.42	43	421531	265.435	ug/l	100
17) Carbon Disulfide	2.55	76	425263	50.990	ug/l	100
18) Methyl Acetate	2.75	43	219556	53.904	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	540780	53.623	ug/l	100
20) Methylene Chloride	2.83	84	168559	51.301	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	162977	52.463	ug/l	96
22) Diisopropyl ether	3.82	45	527044	53.118	ug/l	99
23) Vinyl Acetate	3.78	43	2379348	273.966	ug/l	100
24) 1,1-Dichloroethane	3.67	63	296272	52.904	ug/l	99
25) 2-Butanone	4.64	43	721923	268.279	ug/l	99
26) 2,2-Dichloropropane	4.55	77	212809	46.439	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	185667	51.663	ug/l	99
28) Bromochloromethane	4.98	49	135632	52.118	ug/l	99
29) Tetrahydrofuran	5.09	42	472771	271.946	ug/l	99
30) Chloroform	5.18	83	294444	52.181	ug/l	98
31) Cyclohexane	5.55	56	249298	49.482	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	268740	52.605	ug/l	98
36) 1,1-Dichloropropene	5.77	75	223098	49.455	ug/l	99
37) Ethyl Acetate	4.80	43	274302	50.647	ug/l	99
38) Carbon Tetrachloride	5.76	117	231732	48.882	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	242899	49.573	ug/l	98
40) Benzene	6.12	78	678337	50.495	ug/l	100
41) Methacrylonitrile	5.01	41	148081	49.777	ug/l	100
42) 1,2-Dichloroethane	6.17	62	236182	49.437	ug/l	99
43) Isopropyl Acetate	6.42	43	432898	51.243	ug/l	99
44) Trichloroethene	7.19	130	204446	47.967	ug/l	99
45) 1,2-Dichloropropane	7.49	63	175094	51.198	ug/l	99
46) Dibromomethane	7.64	93	114983	50.056	ug/l	100
47) Bromodichloromethane	7.88	83	239975	50.454	ug/l	99
48) Methyl methacrylate	7.74	41	208402	51.523	ug/l	98
49) 1,4-Dioxane	7.71	88	89460	945.068	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1372473	260.918	ug/l	99
52) Toluene	8.77	92	432945	51.107	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	278010	51.404	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	291054	50.843	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	171480	50.912	ug/l	97
56) Ethyl methacrylate	9.16	69	290202	52.903	ug/l	100
57) 1,3-Dichloropropane	9.35	76	293798	50.819	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	734954	256.688	ug/l	100
59) 2-Hexanone	9.48	43	1076903	263.262	ug/l	99
60) Dibromochloromethane	9.57	129	193637	51.086	ug/l	100
61) 1,2-Dibromoethane	9.65	107	184701	51.209	ug/l	99
64) Tetrachloroethene	9.32	164	227603	46.377	ug/l	99
65) Chlorobenzene	10.12	112	457464	51.153	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	173543	50.836	ug/l	99
67) Ethyl Benzene	10.24	91	796612	50.031	ug/l	99
68) m/p-Xylenes	10.34	106	596463	101.034	ug/l	99
69) o-Xylene	10.68	106	290230	50.763	ug/l	98
70) Styrene	10.70	104	514749	52.379	ug/l	100
71) Bromoform	10.84	173	151660	52.566	ug/l	# 100
73) Isopropylbenzene	11.00	105	765065	51.121	ug/l	100
74) N-amyl acetate	10.88	43	372503	54.112	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	212317	56.607	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	252056m	53.091	ug/l	
77) Bromobenzene	11.24	156	200338	51.038	ug/l	100
78) n-propylbenzene	11.34	91	864784	51.721	ug/l	99
79) 2-Chlorotoluene	11.40	91	524611	51.403	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	648860	51.925	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	97587	50.562	ug/l	99
82) 4-Chlorotoluene	11.49	91	624577	51.823	ug/l	99
83) tert-Butylbenzene	11.76	119	567244	53.125	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	654676	51.804	ug/l	100
85) sec-Butylbenzene	11.93	105	709491	52.969	ug/l	100
86) p-Isopropyltoluene	12.05	119	669614	53.368	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	345693	50.834	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	349430	50.241	ug/l	98
89) n-Butylbenzene	12.37	91	566750	54.230	ug/l	100
90) Hexachloroethane	12.58	117	114723	52.935	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	337237	51.185	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	64270	52.902	ug/l	99

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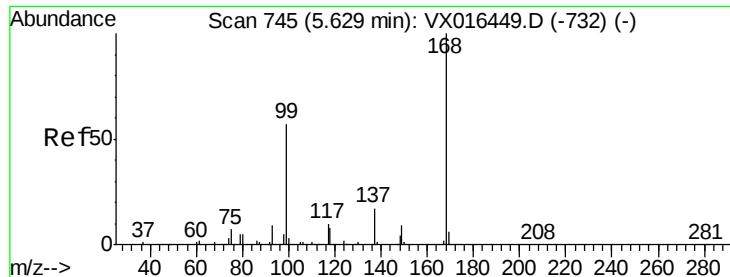
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	237625	54.306	ug/l	98
94) Hexachlorobutadiene	13.77	225	87720	51.059	ug/l	99
95) Naphthalene	13.82	128	787246	52.481	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	228671	53.342	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 291877

Ion Ratio Lower Upper

168 100

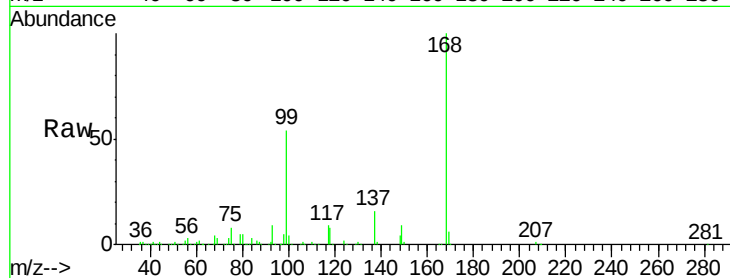
99 53.6 45.2 67.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

120000

100000

80000

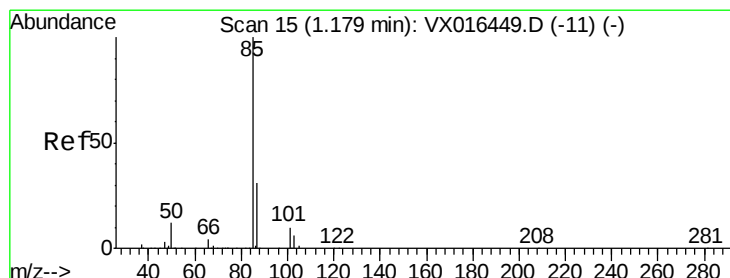
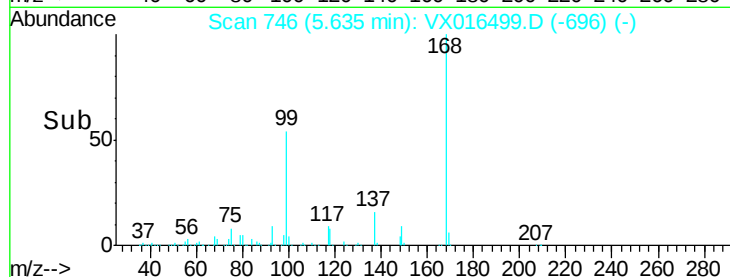
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.837 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016499.D

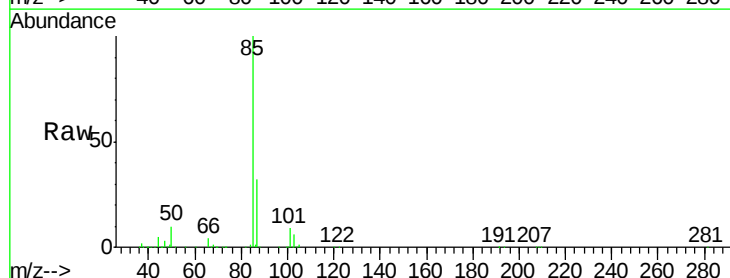
Acq: 28 May 2020 20:27

Tgt Ion: 85 Resp: 148897

Ion Ratio Lower Upper

85 100

87 32.3 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

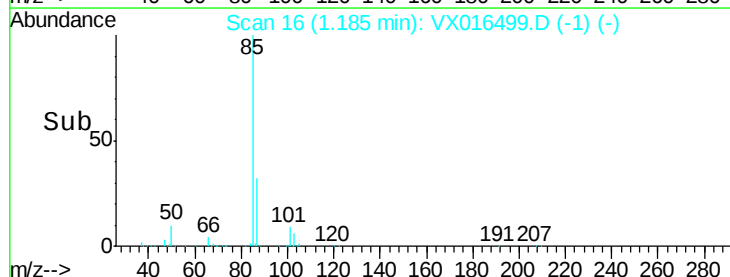
150000

100000

50000

0

Time-->





#3

Chloromethane

Concen: 52.313 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 181588

Ion Ratio Lower Upper

50 100

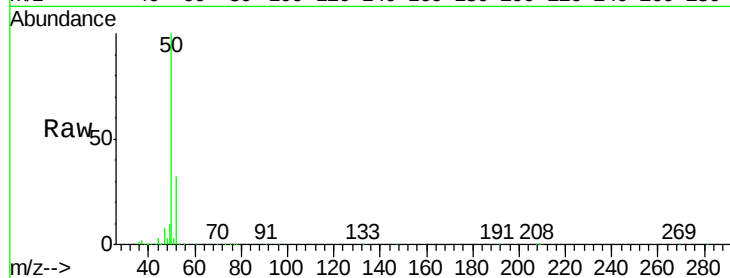
52 32.1 26.2 39.2

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

200000

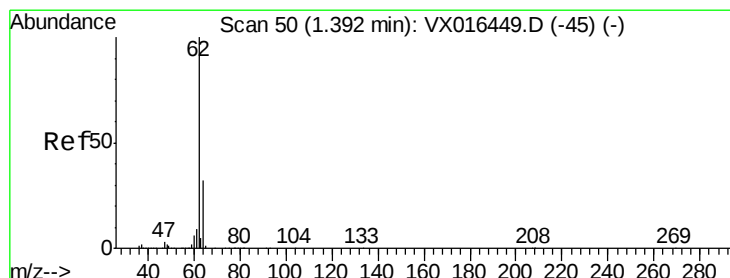
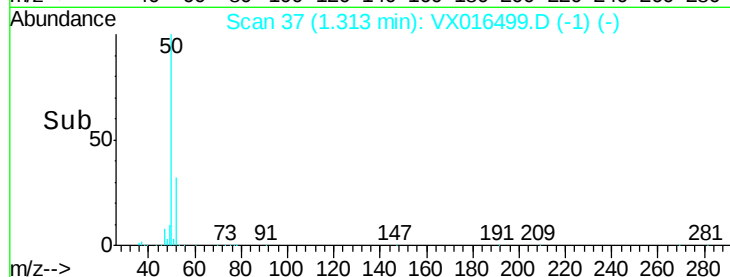
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 51.964 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016499.D

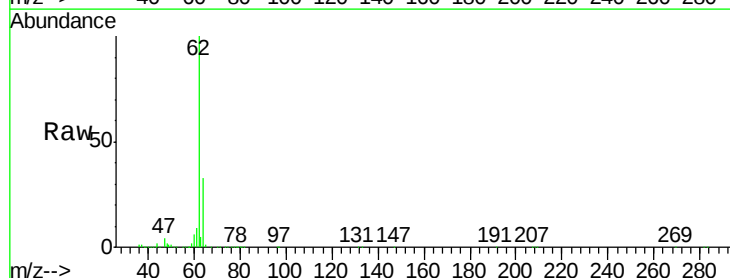
Acq: 28 May 2020 20:27

Tgt Ion: 62 Resp: 190751

Ion Ratio Lower Upper

62 100

64 32.7 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

200000

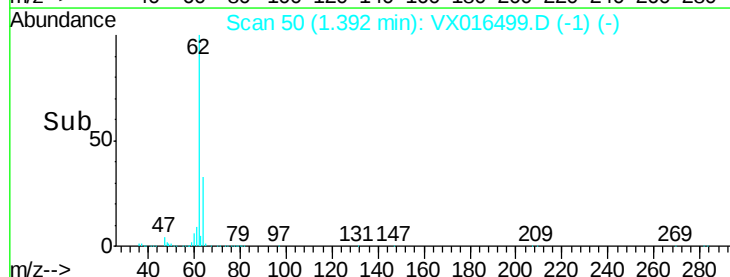
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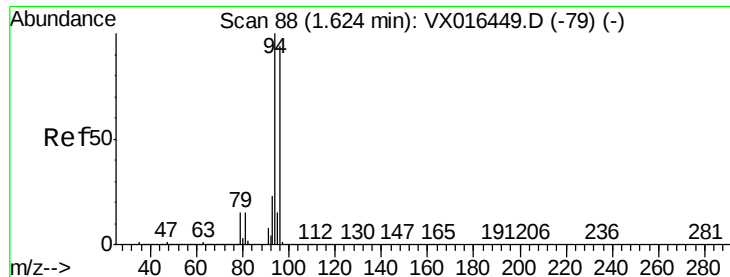
100000

50000

0

Time-->





#5

Bromomethane

Concen: 52.208 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 93184

Ion Ratio Lower Upper

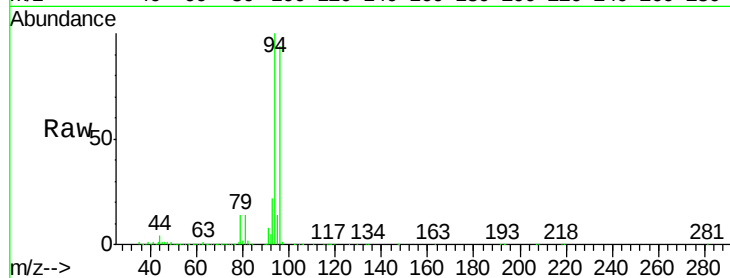
94 100

96 94.1 75.1 112.7

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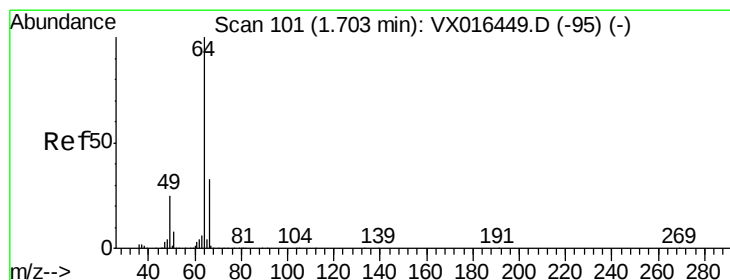
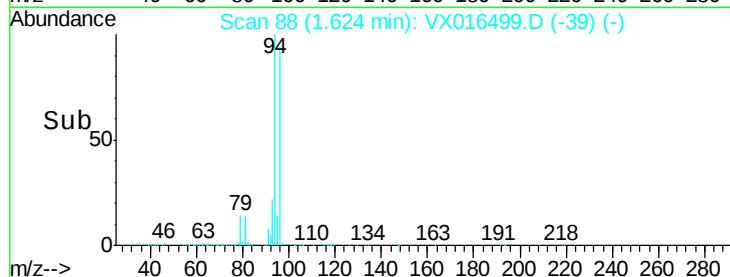
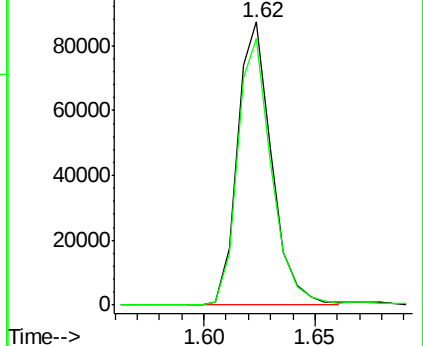
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 53.553 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016499.D

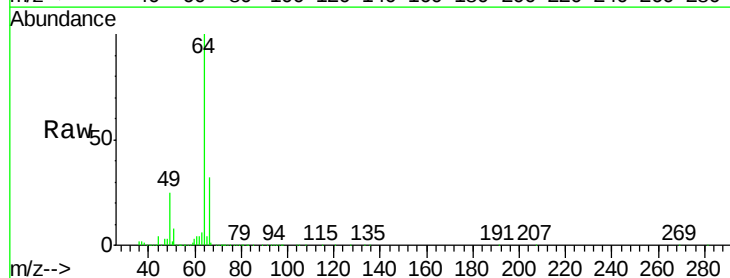
Acq: 28 May 2020 20:27

Tgt Ion: 64 Resp: 114674

Ion Ratio Lower Upper

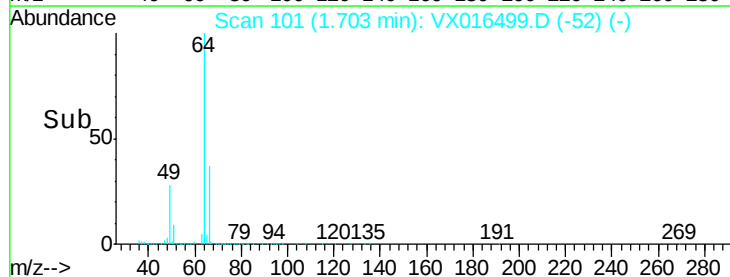
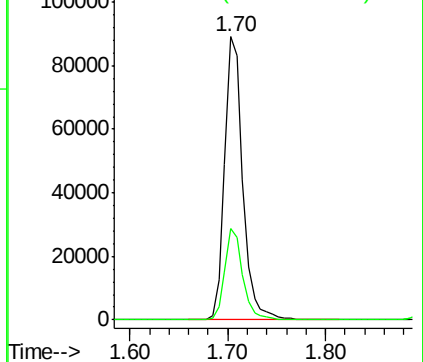
64 100

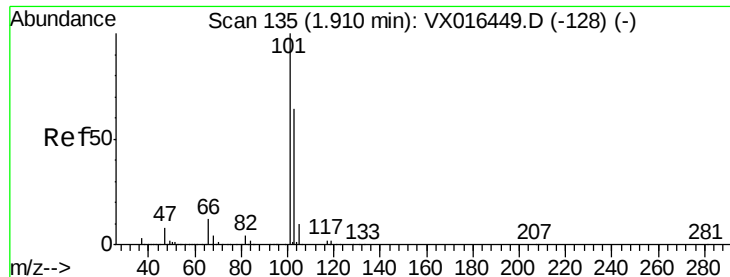
66 32.1 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

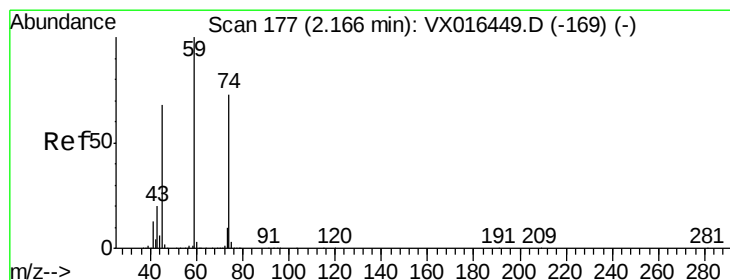
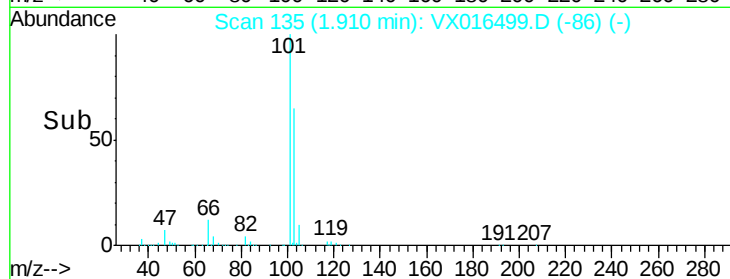
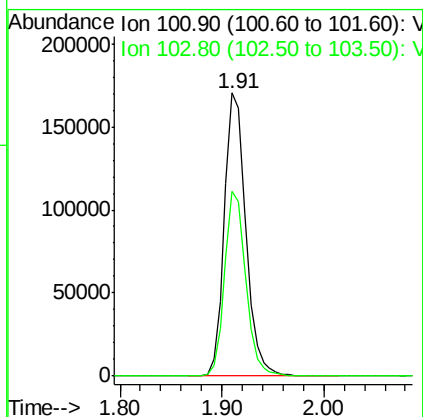
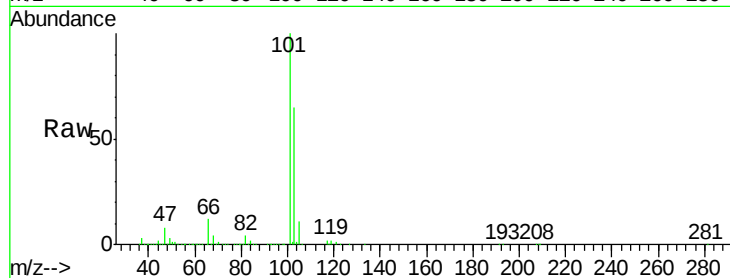
Trichlorofluoromethane
 Concen: 51.732 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.00 min
 Lab File: VX016499.D
 Acq: 28 May 2020 20:27

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	50.9	76.3

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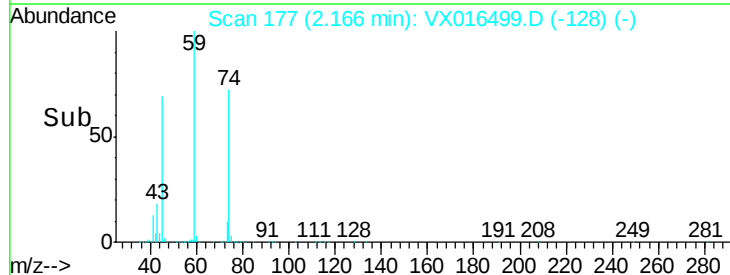
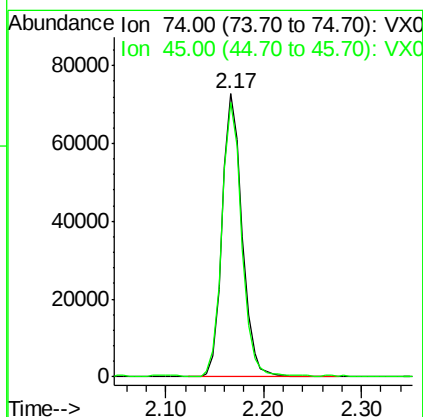
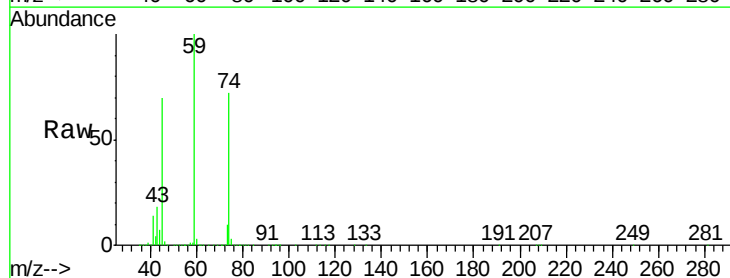
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#8

Diethyl Ether
 Concen: 51.210 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016499.D
 Acq: 28 May 2020 20:27

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.6	47.5	142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.370 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :

MSVOA_X

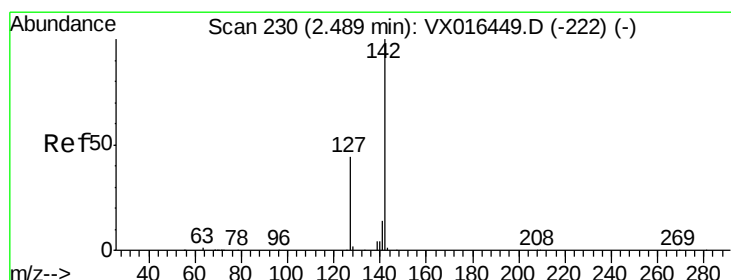
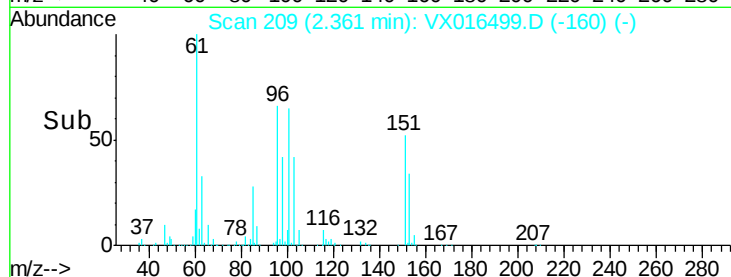
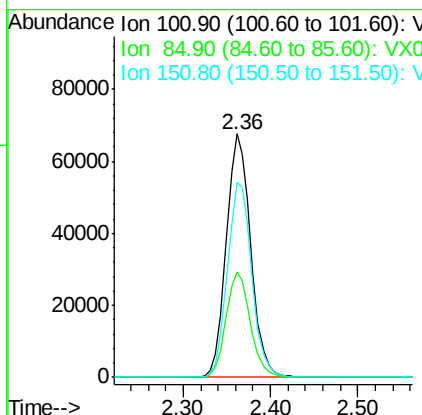
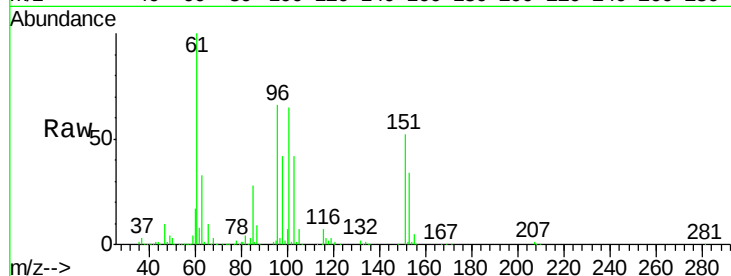
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	130992
Ion Ratio	Lower	Upper	
101	100		
85	42.9	34.4	51.6
151	80.5	63.8	95.6

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#10

Methyl Iodide

Concen: 48.940 ug/l

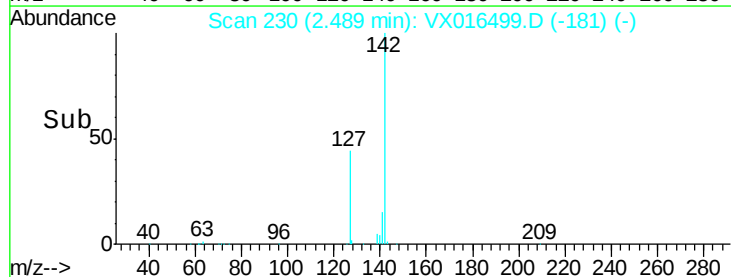
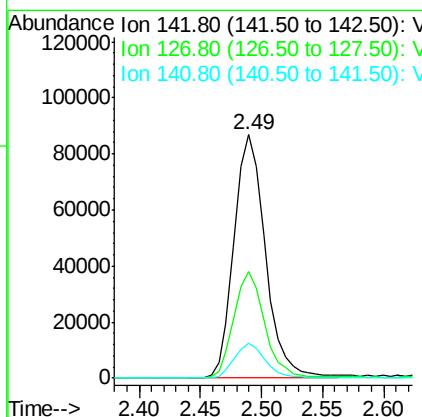
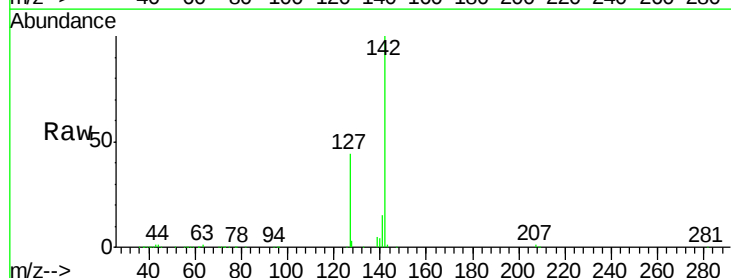
RT: 2.49 min Scan# 230

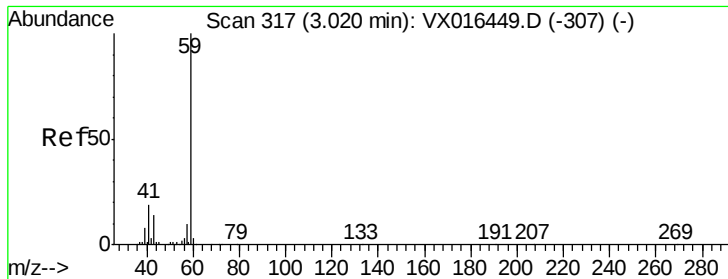
Delta R.T. 0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Tgt Ion:	142	Resp:	154918
Ion Ratio	Lower	Upper	
142	100		
127	43.7	35.3	52.9
141	14.3	11.4	17.2





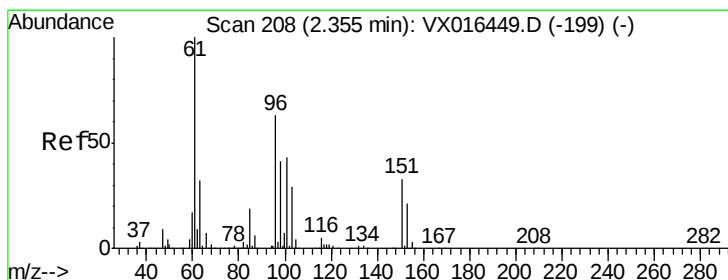
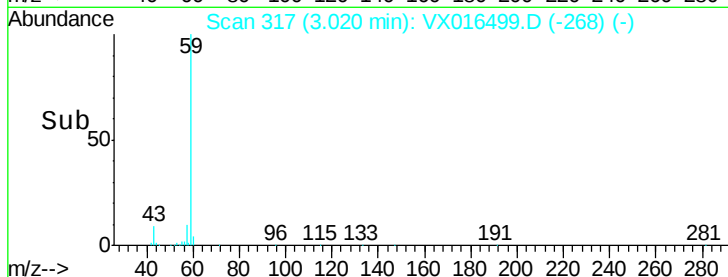
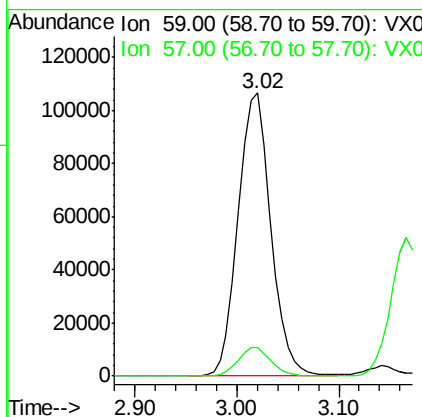
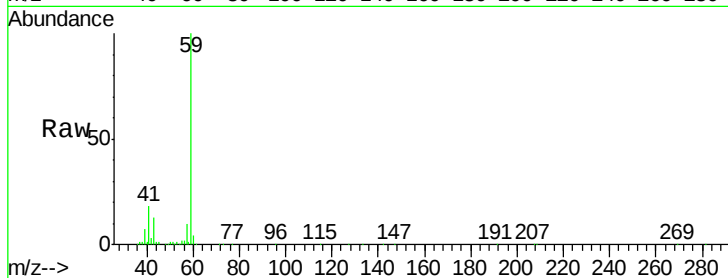
#11
Tert butyl alcohol
Concen: 256.204 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.4

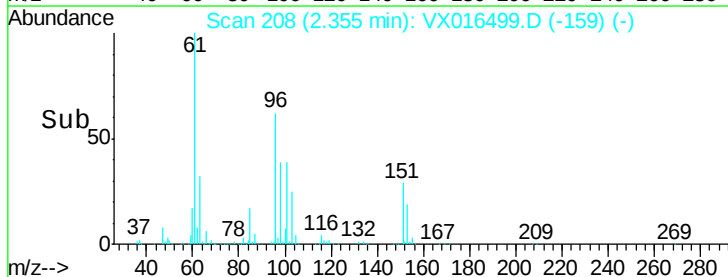
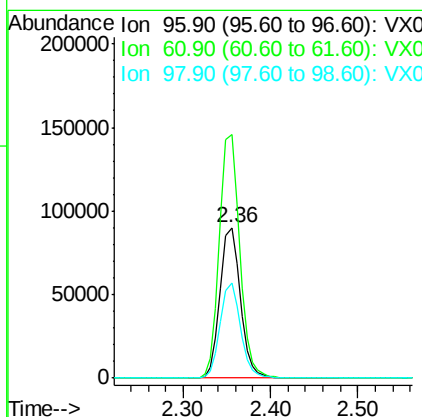
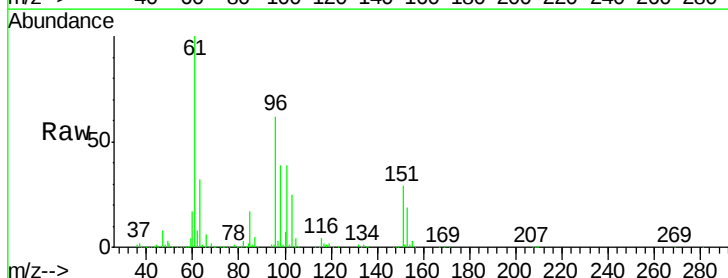
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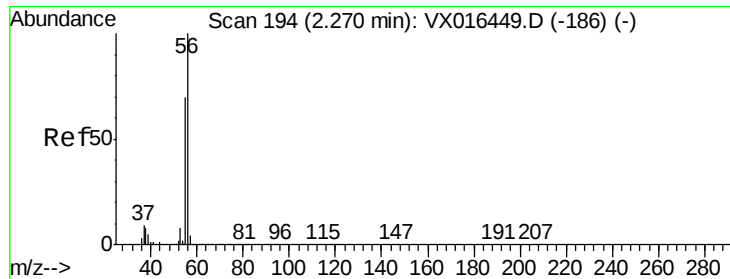
MMDadoda
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#12
1,1-Dichloroethene
Concen: 51.756 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.9	126.6	189.8
98	63.5	51.3	76.9





#13

Acrolein

Concen: 275.274 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 108842

Ion Ratio Lower Upper

56 100

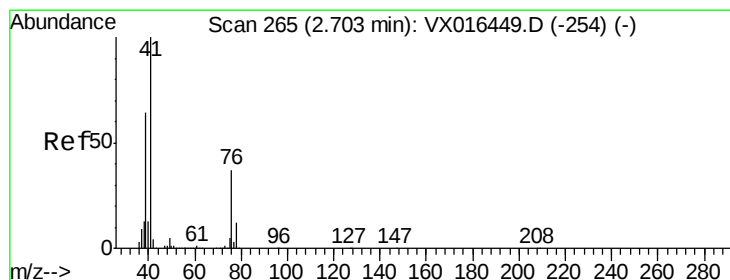
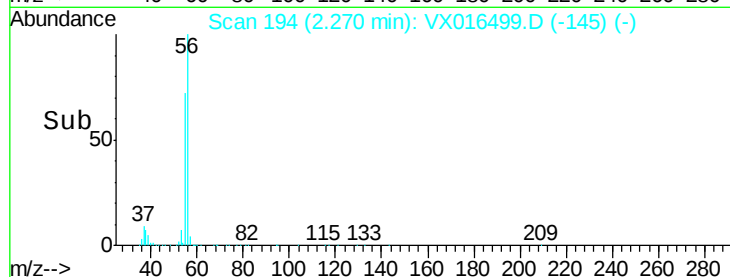
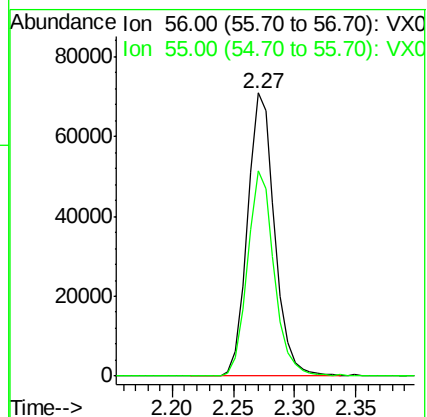
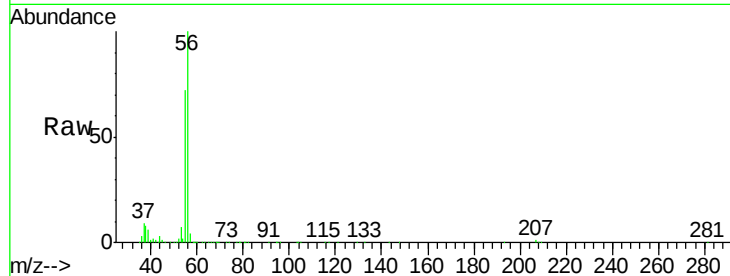
55 71.3 58.3 87.5

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#14

Allyl chloride

Concen: 51.748 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

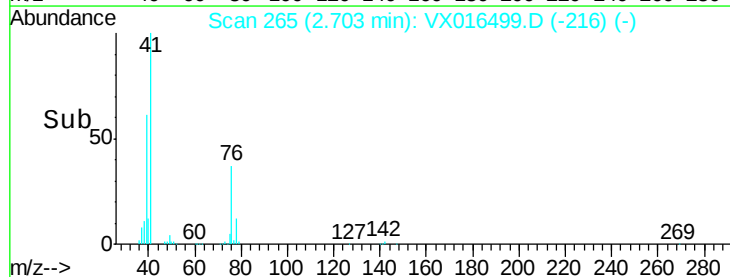
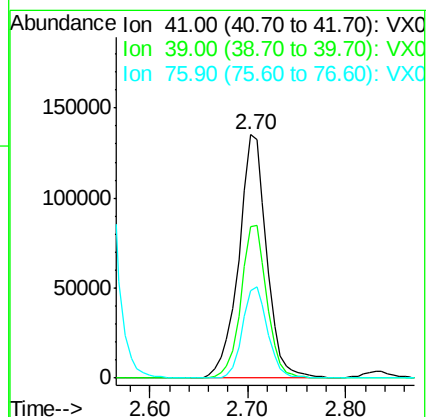
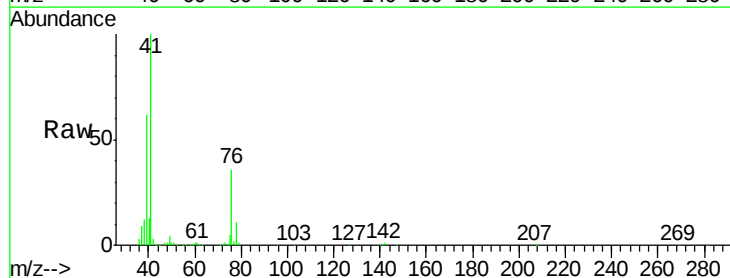
Tgt Ion: 41 Resp: 267275

Ion Ratio Lower Upper

41 100

39 58.4 47.7 71.5

76 33.9 26.6 40.0





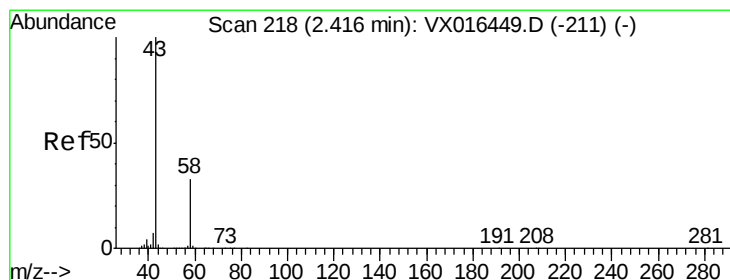
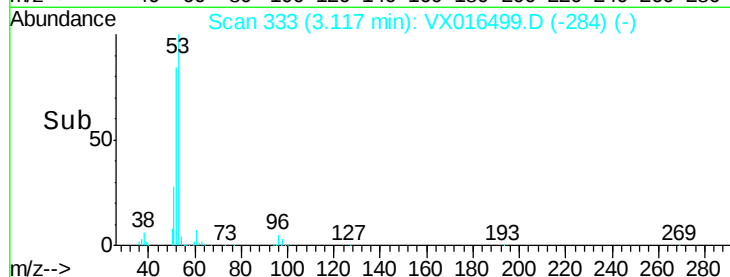
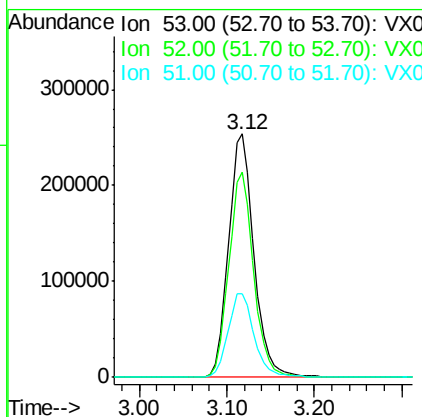
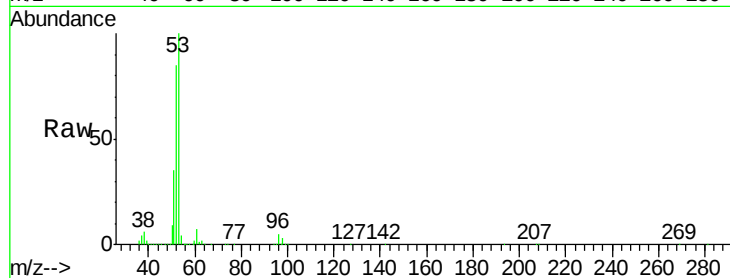
#15
 Acrylonitrile
 Concen: 268.719 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX016499.D
 Acq: 28 May 2020 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	53	Resp	511644
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.7	100.1
51	35.6	28.6	43.0

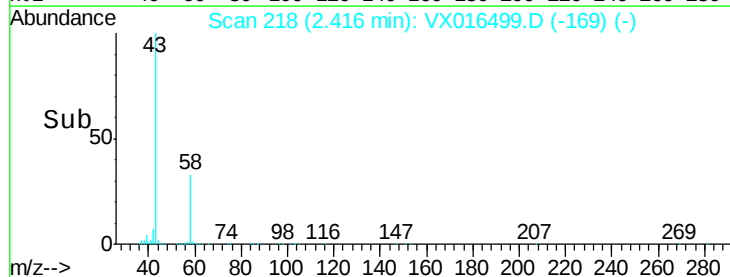
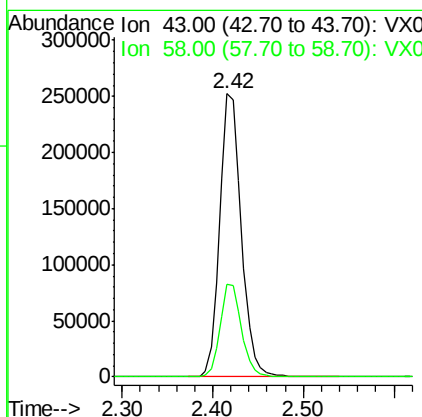
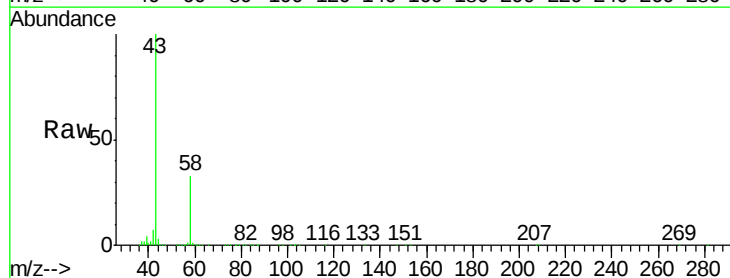
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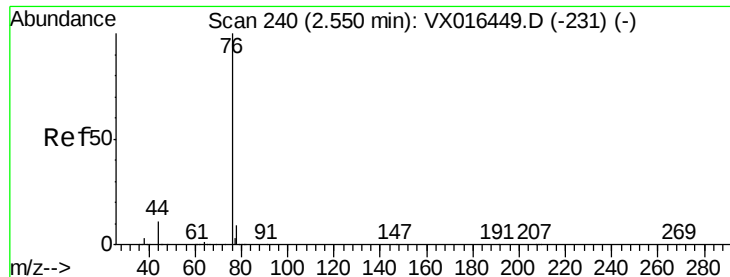
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#16
 Acetone
 Concen: 265.435 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.00 min
 Lab File: VX016499.D
 Acq: 28 May 2020 20:27

Tgt Ion	43	Resp	421531
Ion	Ratio	Lower	Upper
43	100		
58	32.6	26.1	39.1





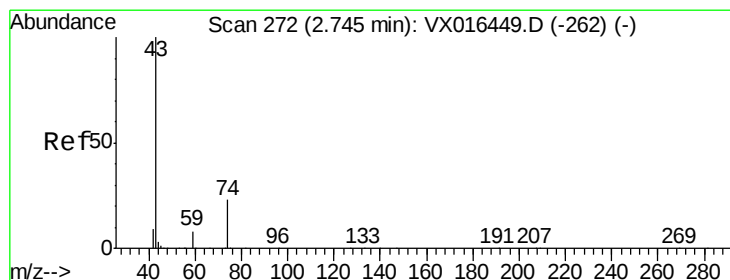
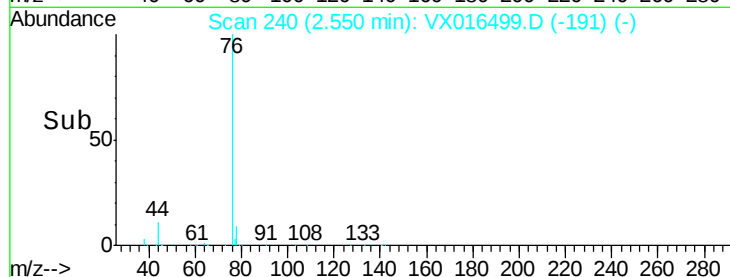
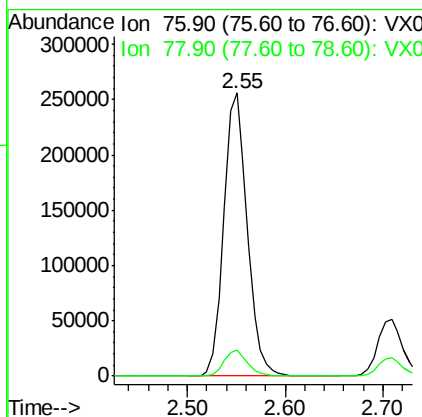
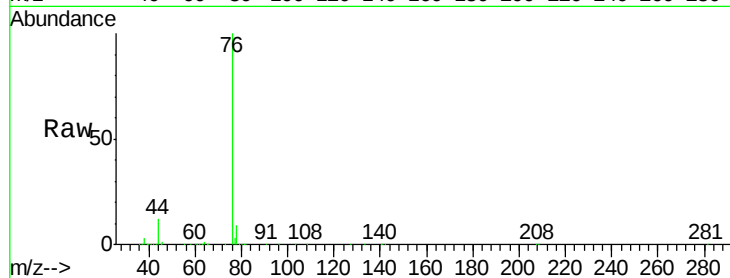
#17
Carbon Disulfide
Concen: 50.990 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.0

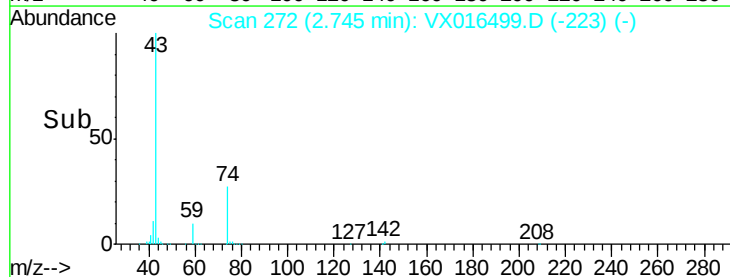
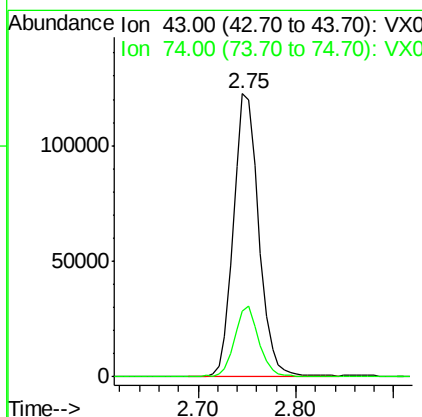
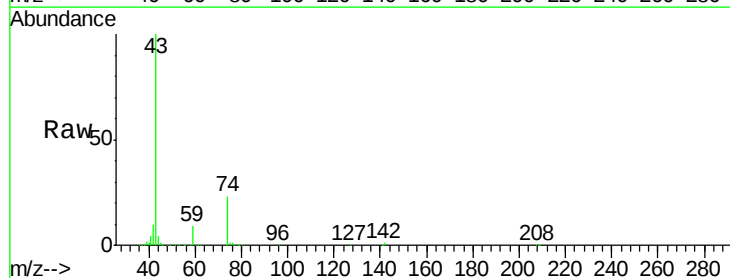
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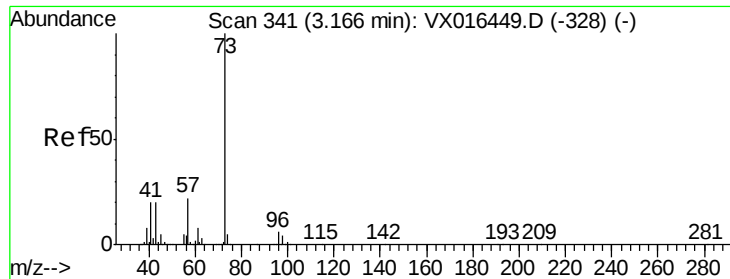
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#18
Methyl Acetate
Concen: 53.904 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.4	19.7	29.5





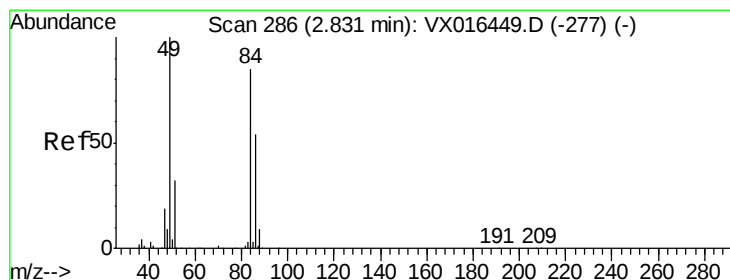
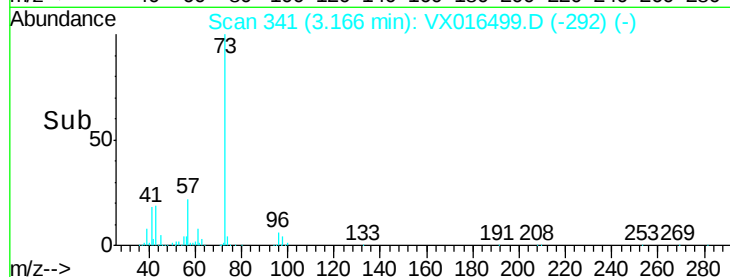
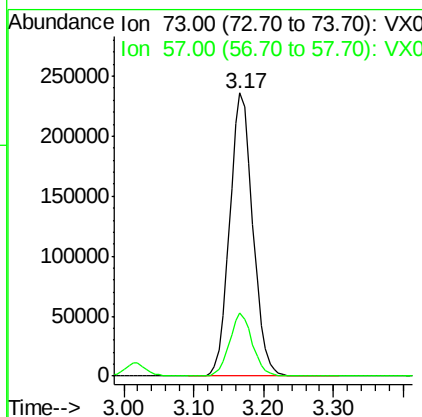
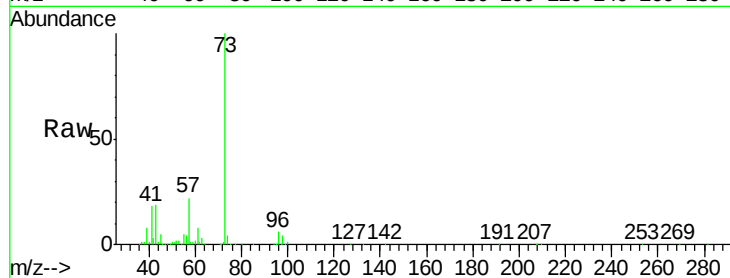
#19
Methvl tert-butvl Ether
Concen: 53.623 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	73	Resp	540780
Ion Ratio	100	Lower	Upper
73	100		
57	22.2	17.8	26.6

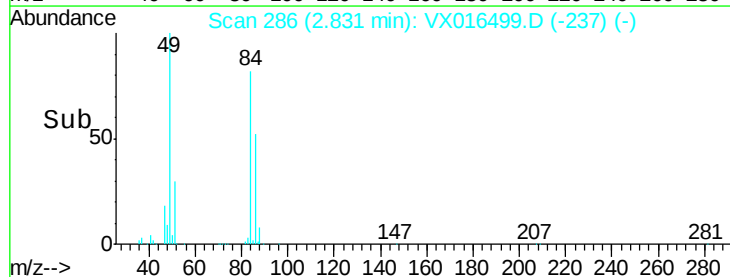
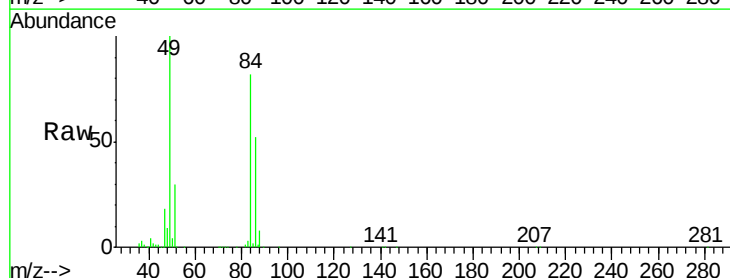
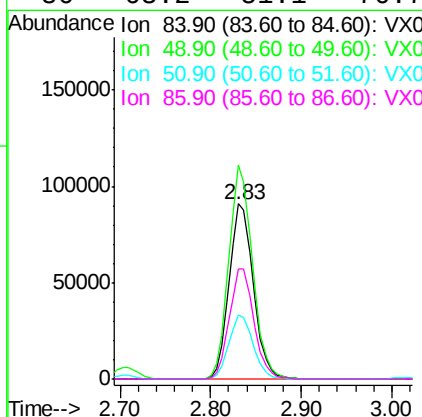
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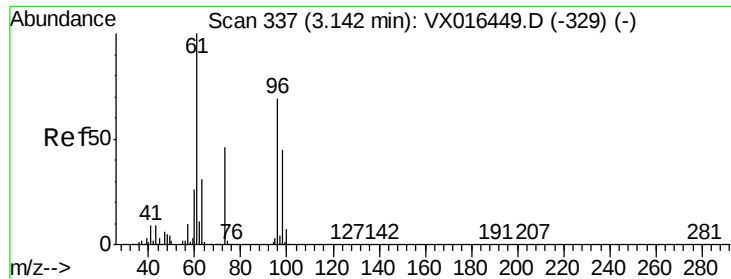
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#20
Methylene Chloride
Concen: 51.301 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

Tgt Ion	84	Resp	168559
Ion Ratio	100	Lower	Upper
84	100		
49	122.0	94.5	141.7
51	36.8	30.2	45.4
86	63.2	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 52.463 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :

MSVOA_X

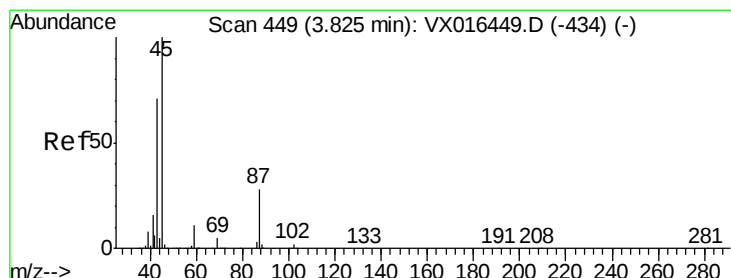
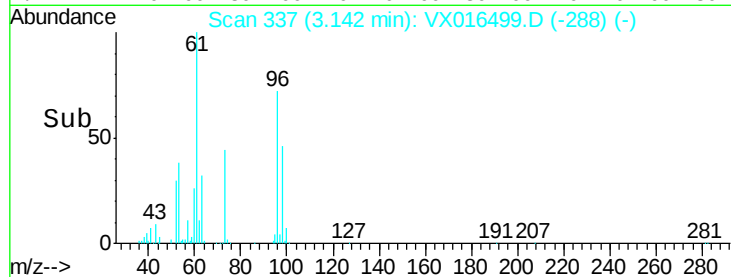
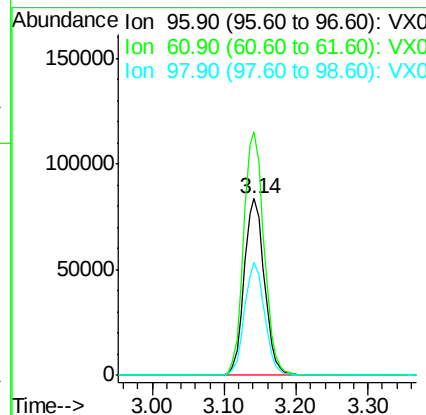
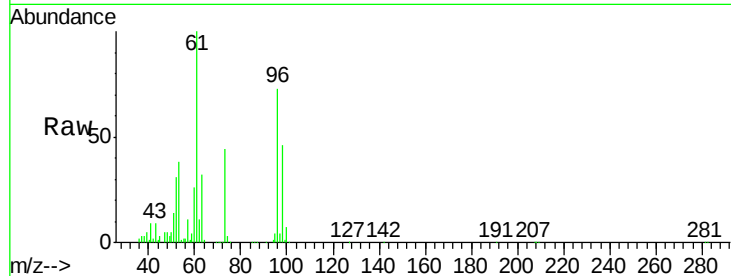
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	162977
Ion Ratio	Lower	Upper	
96	100		
61	137.7	115.3	172.9
98	63.8	51.9	77.9

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#22

Diisopropyl ether

Concen: 53.118 ug/l

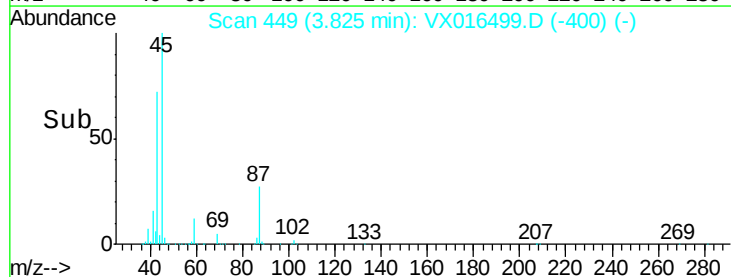
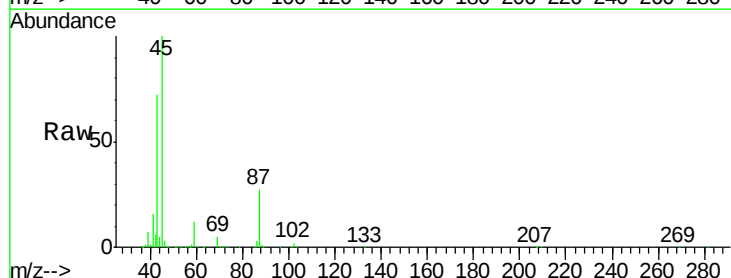
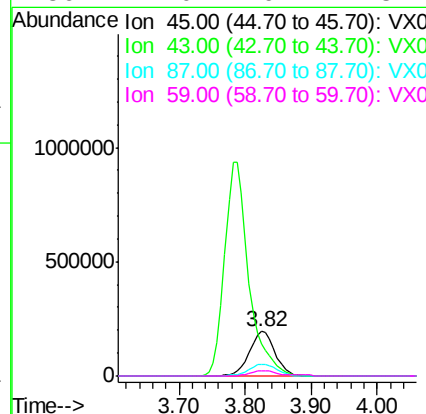
RT: 3.82 min Scan# 449

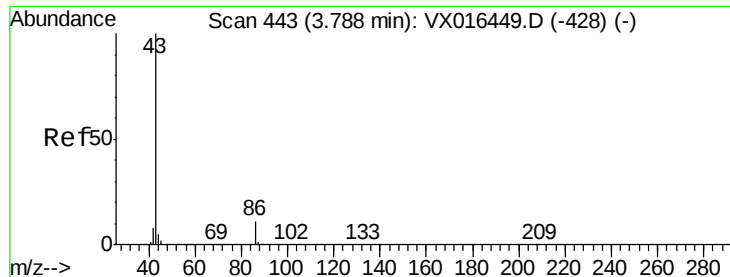
Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Tgt Ion:	45	Resp:	527044
Ion Ratio	Lower	Upper	
45	100		
43	72.4	57.0	85.6
87	27.3	22.5	33.7
59	12.0	9.1	13.7





#23

Vinyl Acetate

Concen: 273.966 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 43 Resp: 2379348

Ion Ratio Lower Upper

43 100

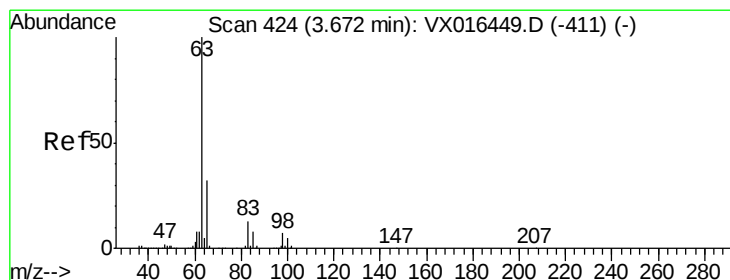
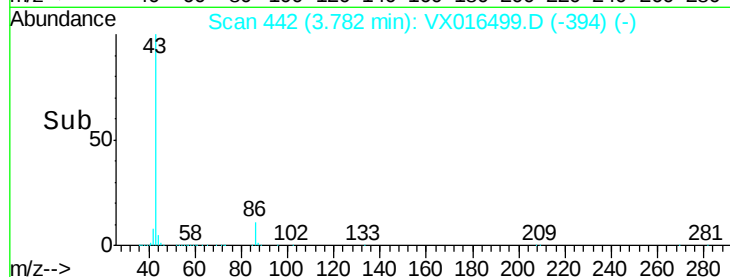
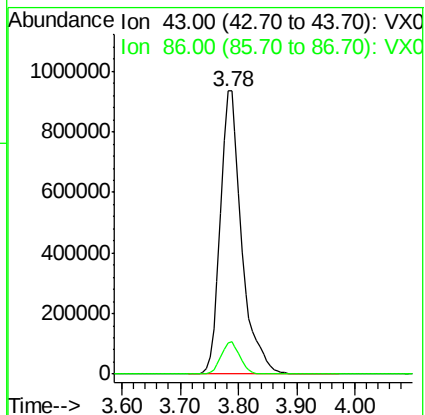
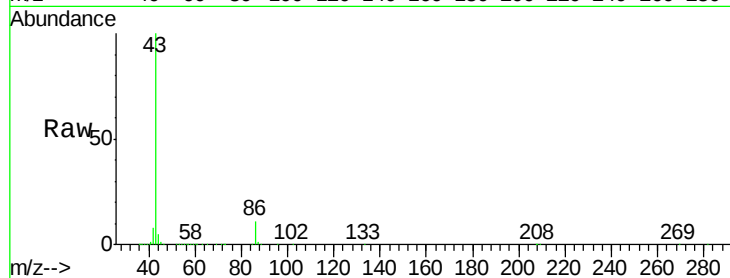
86 10.9 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 52.904 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

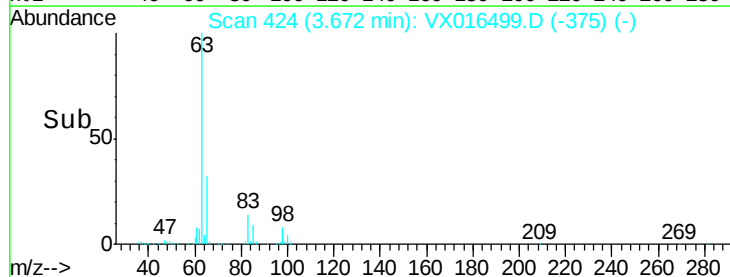
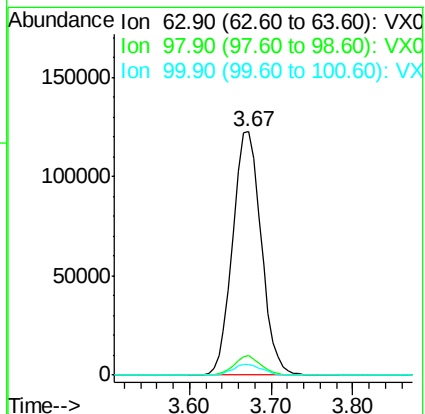
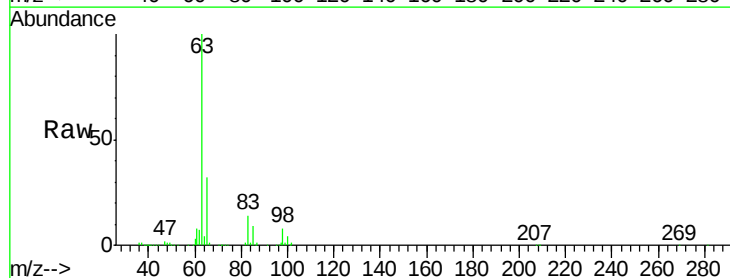
Tgt Ion: 63 Resp: 296272

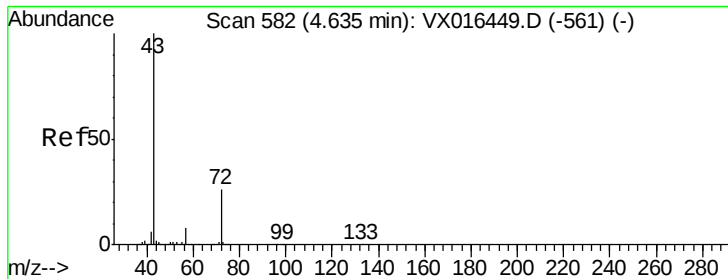
Ion Ratio Lower Upper

63 100

98 7.8 3.6 10.9

100 4.3 2.4 7.1





#25

2-Butanone

Concen: 268.279 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 721923

Ion Ratio Lower Upper

43 100

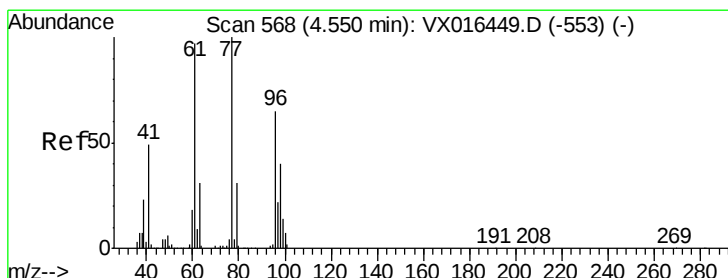
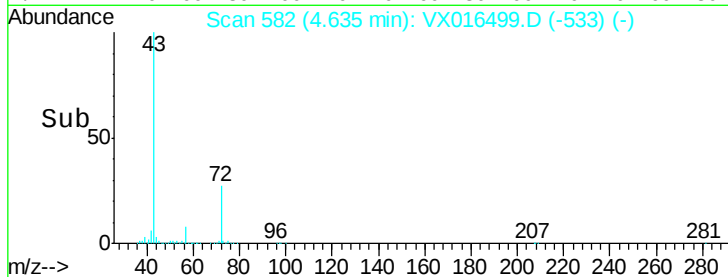
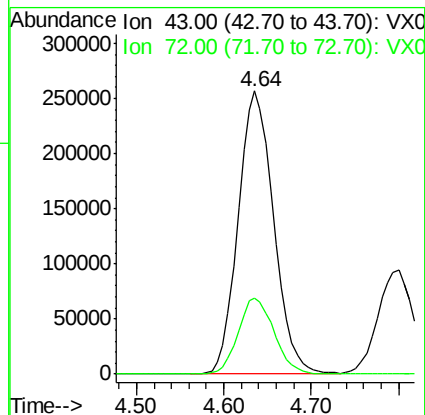
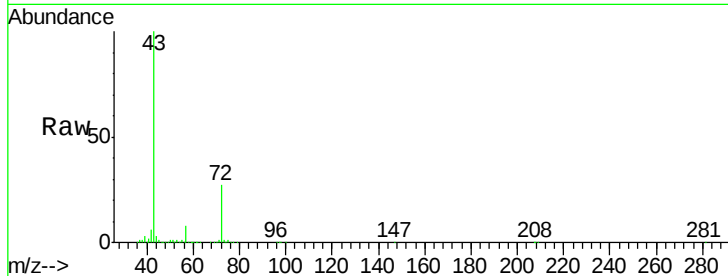
72 26.9 21.0 31.6

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#26

2,2-Dichloropropane

Concen: 46.439 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016499.D

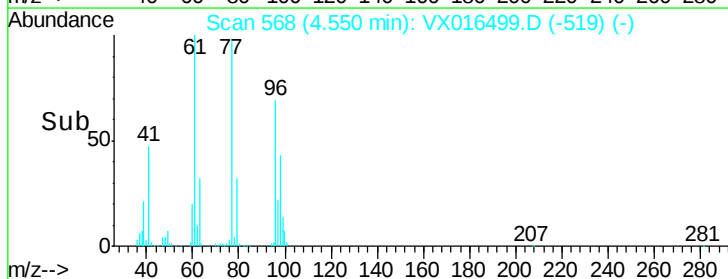
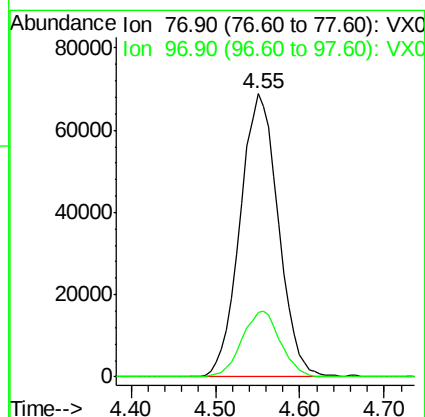
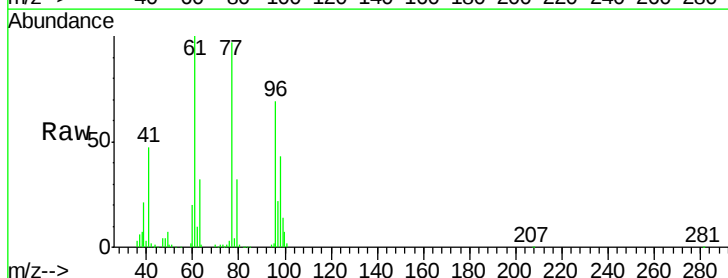
Acq: 28 May 2020 20:27

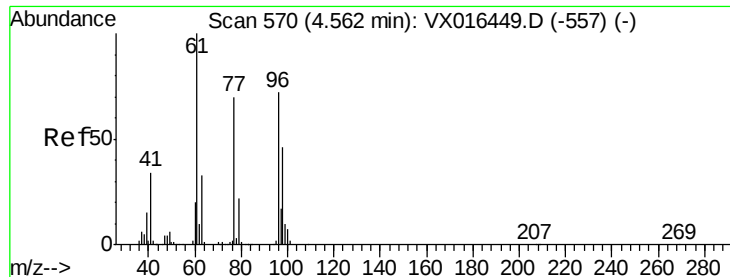
Tgt Ion: 77 Resp: 212809

Ion Ratio Lower Upper

77 100

97 23.3 11.5 34.4





#27

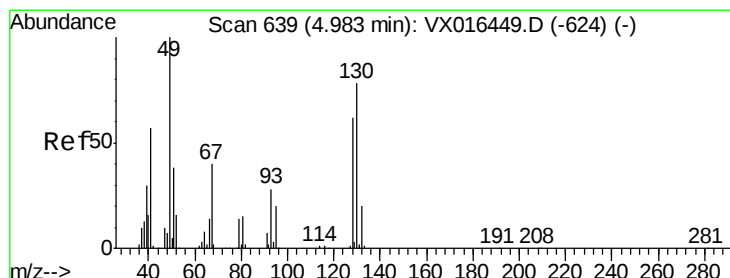
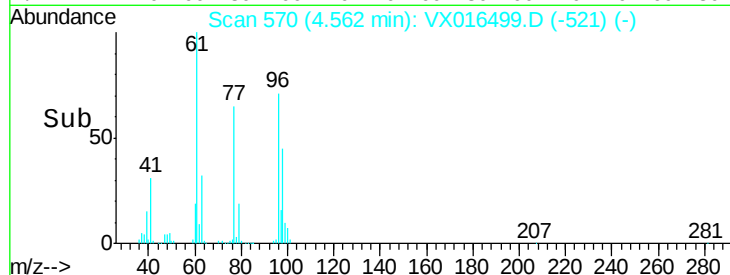
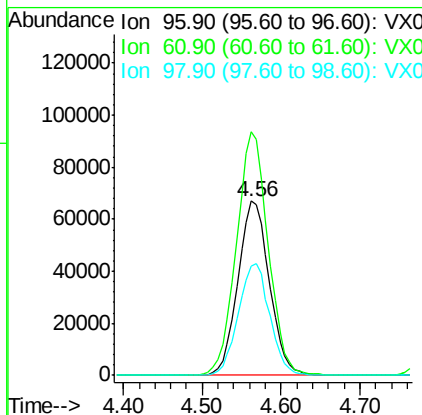
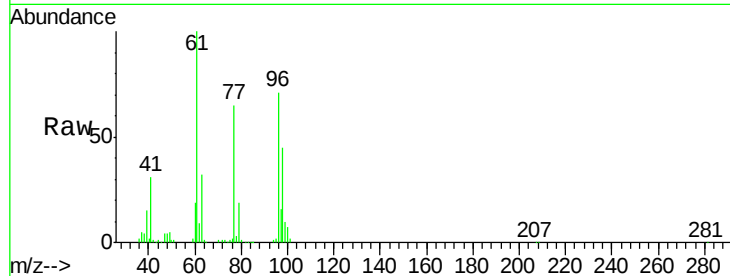
cis-1,2-Dichloroethene
Concen: 51.663 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	185667		
61	141.4	0.0	284.6	
98	63.9	0.0	127.2	

Manual Integrations
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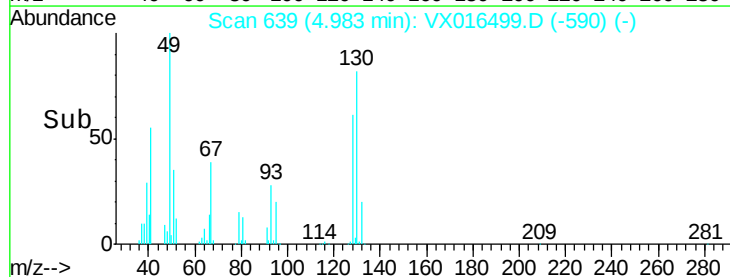
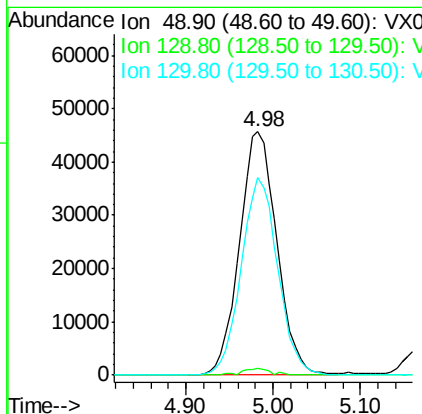
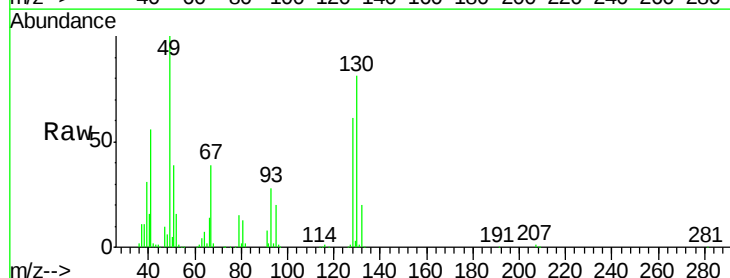
MMDadoda
5/29/2020 10:57:55 AM



#28

Bromochloromethane
Concen: 52.118 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	135632		
129	2.0	0.0	4.0	
130	79.3	63.0	94.4	





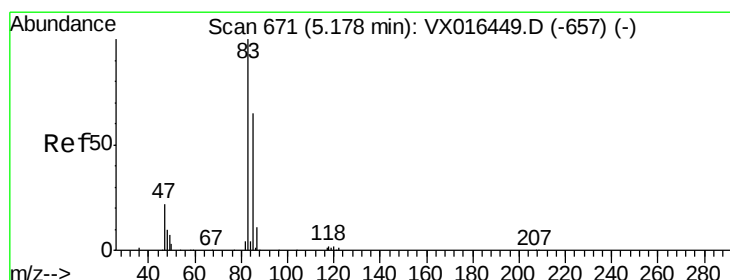
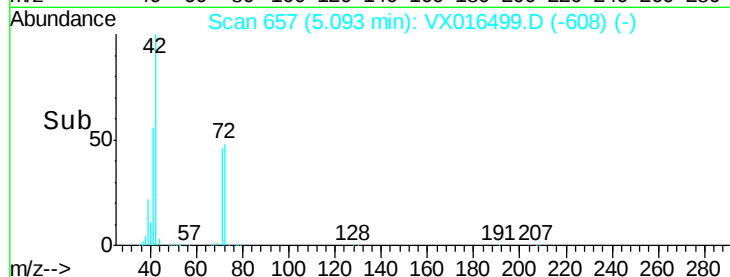
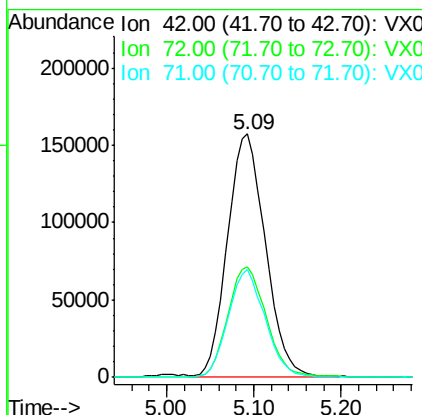
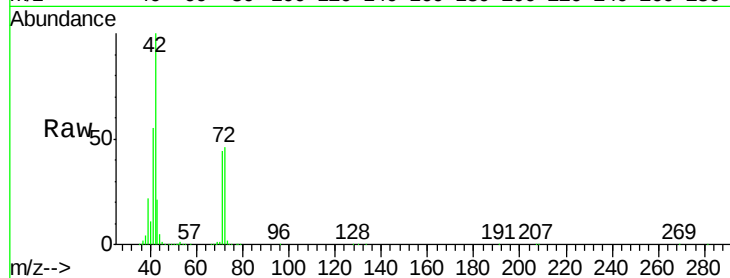
#29
Tetrahydrofuran
Concen: 271.946 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.6	37.0	55.4
71	43.3	34.1	51.1

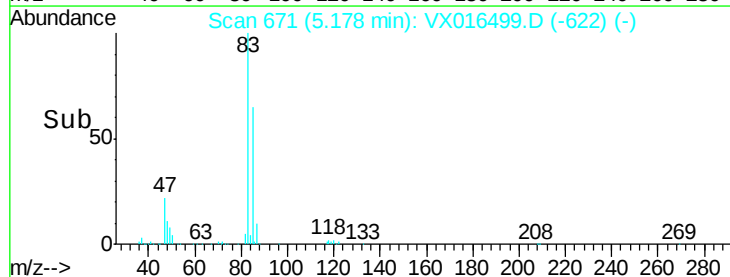
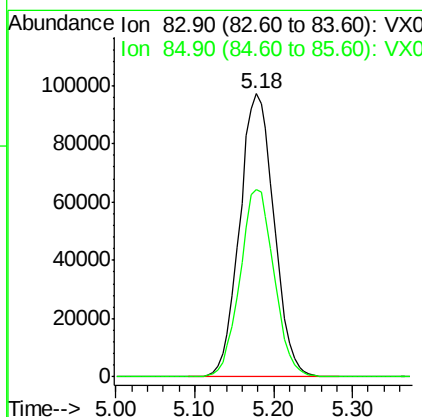
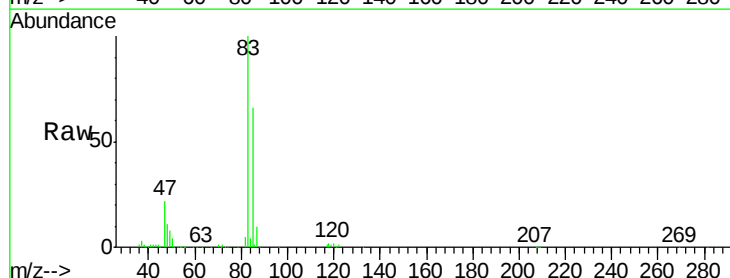
Manual Integrations
APPROVED

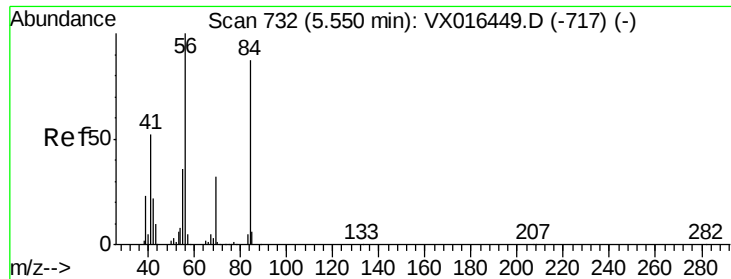
MMDadoda
5/29/2020 10:57:55 AM



#30
Chloroform
Concen: 52.181 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.3	52.0	78.0





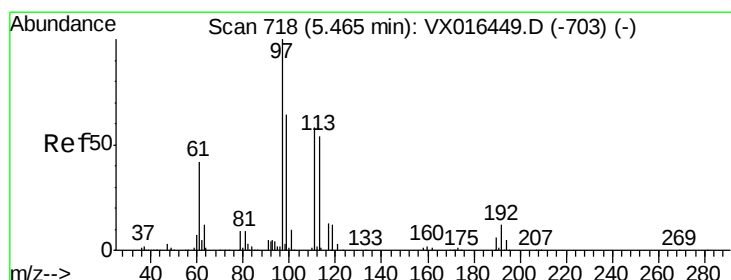
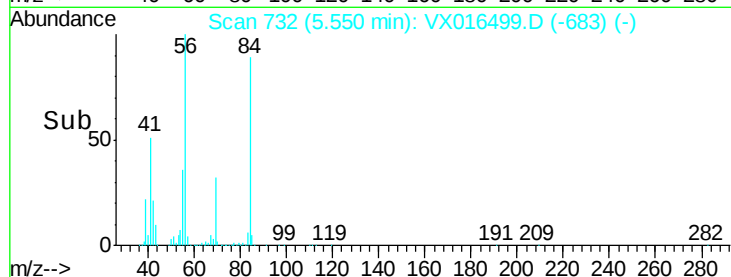
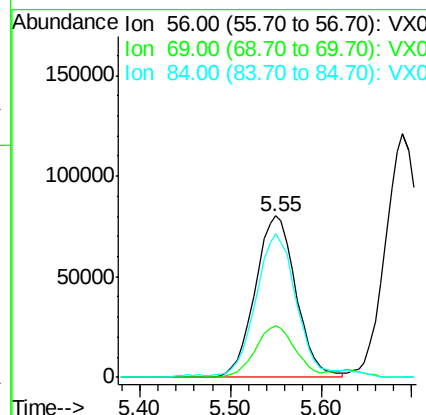
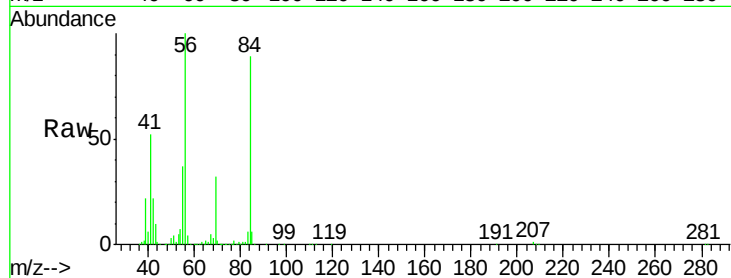
#31
Cyclohexane
Concen: 49.482 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.0	25.7	38.5
84	88.0	70.0	105.0

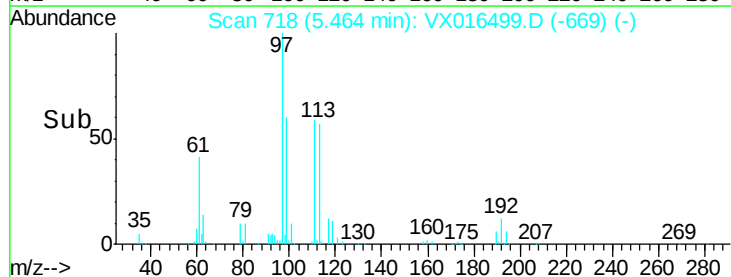
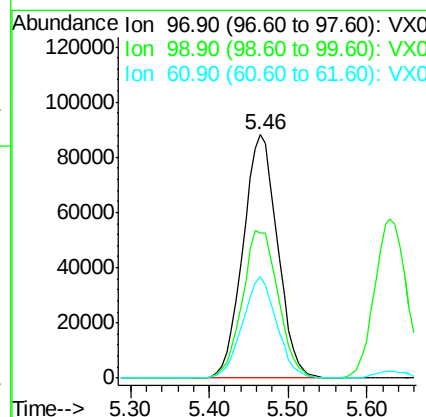
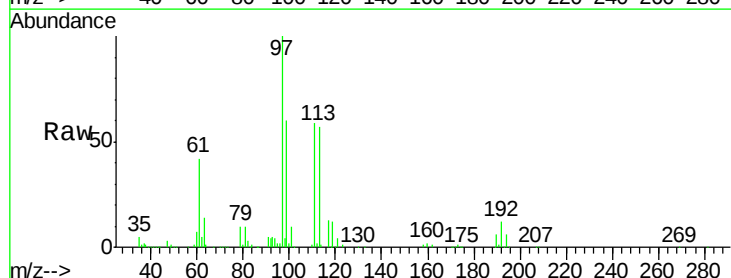
Manual Integrations
APPROVED

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5/29/2020 10:57:55 AM



#32
1,1,1-Trichloroethane
Concen: 52.605 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.7	51.4	77.2
61	41.0	33.5	50.3





#33

1,2-Dichloroethane-d4

Concen: 50.764 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 184006

Ion Ratio Lower Upper

65 100

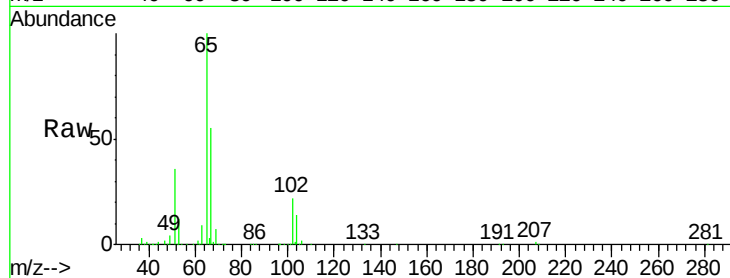
67 53.5 0.0 104.8

Manual Integrations

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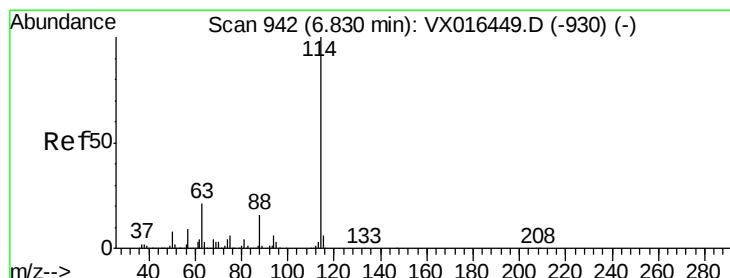
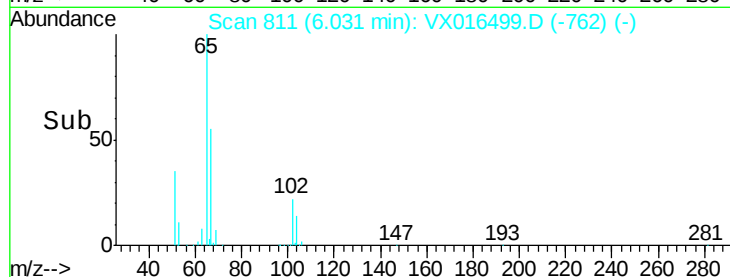
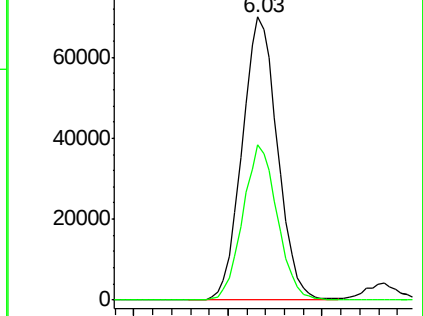
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Abundance Ion 64.90 (64.60 to 65.60): VX0

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: VX016499.D

Acq: 28 May 2020 20:27

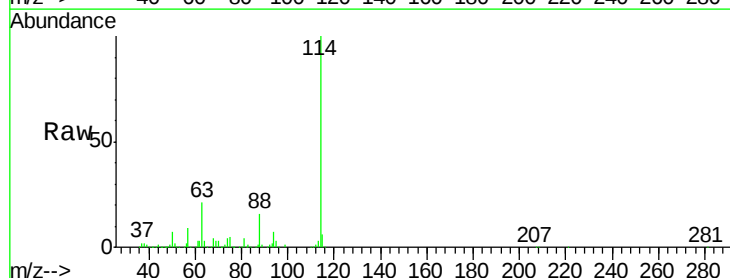
Tgt Ion: 114 Resp: 476451

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.6

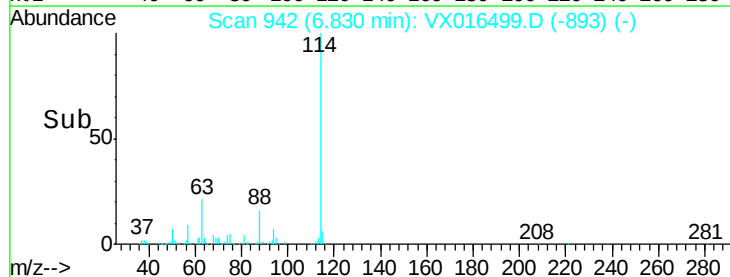
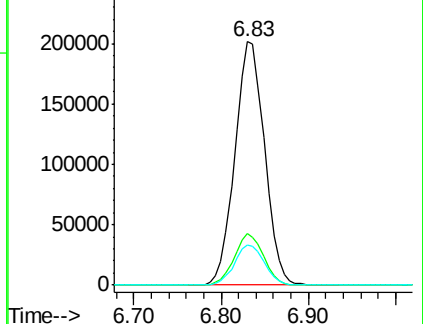
88 16.4 0.0 32.8

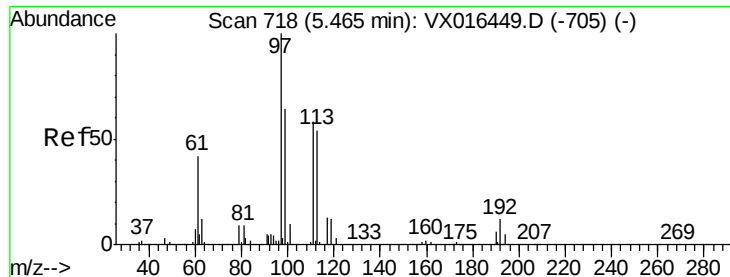


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





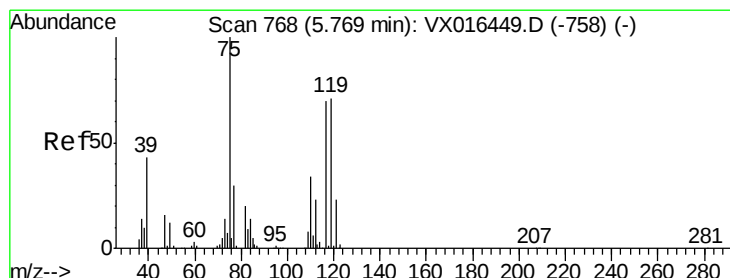
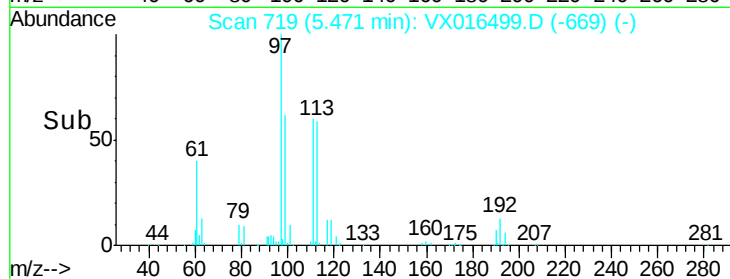
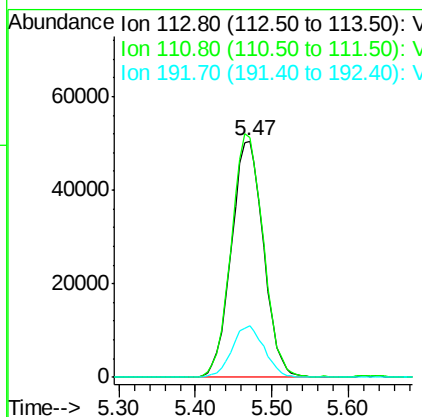
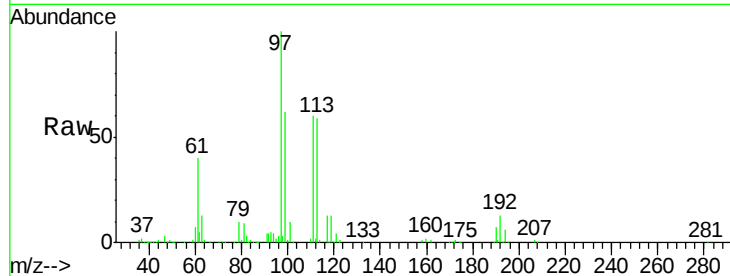
#35
Dibromofluoromethane
Concen: 50.105 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	146994		
111	102.2	83.0	124.6	
192	21.8	17.7	26.5	

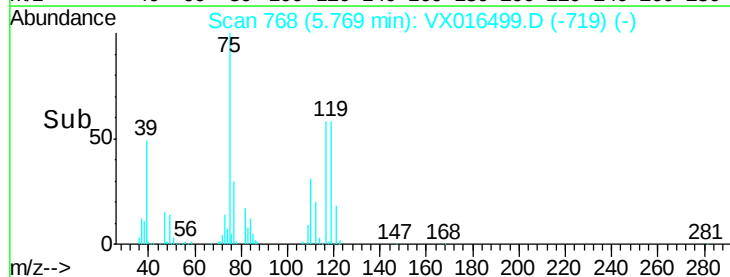
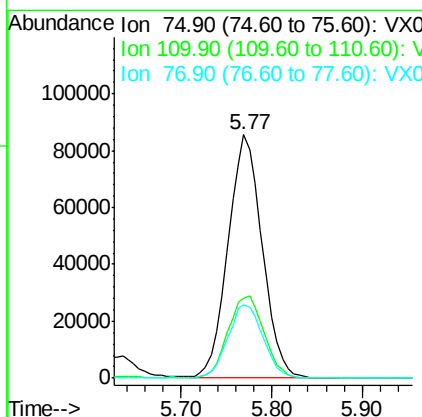
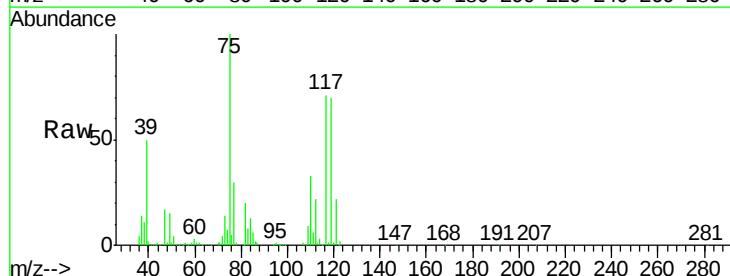
Manual Integrations
APPROVED

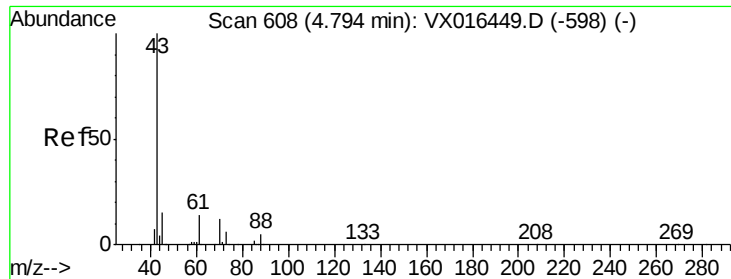
MMDadoda
5/29/2020 10:57:55 AM



#36
1,1-Dichloropropene
Concen: 49.455 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	223098		
110	35.8	17.4	52.3	
77	31.0	24.2	36.4	





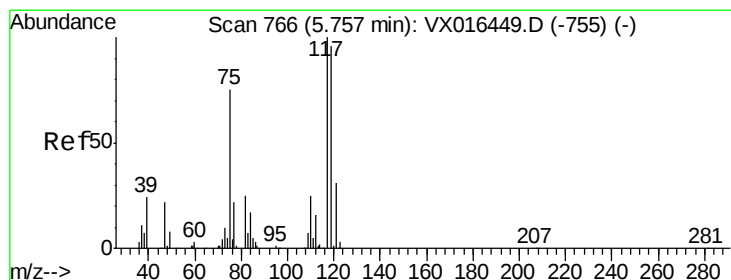
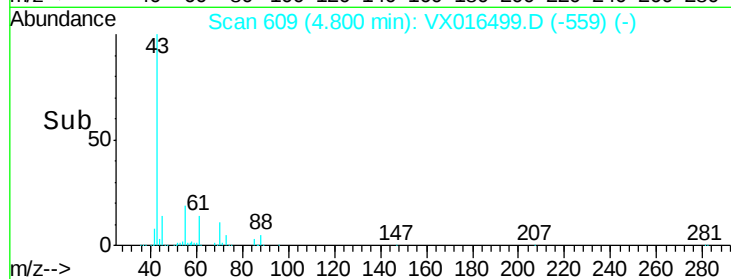
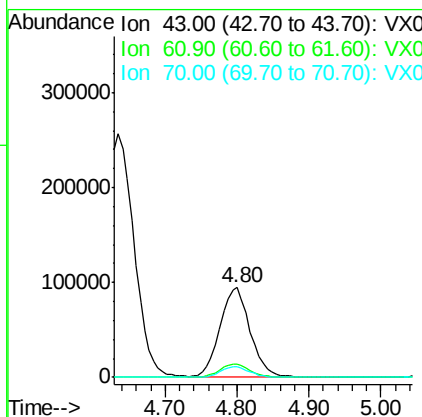
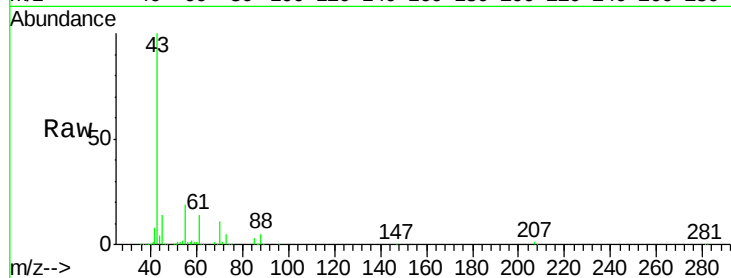
#37
Ethyl Acetate
Concen: 50.647 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.3	16.9
70	11.6	9.3	13.9

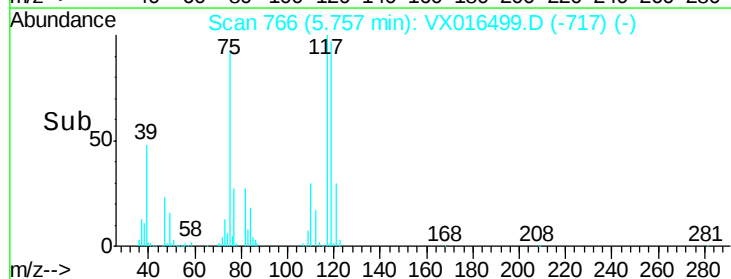
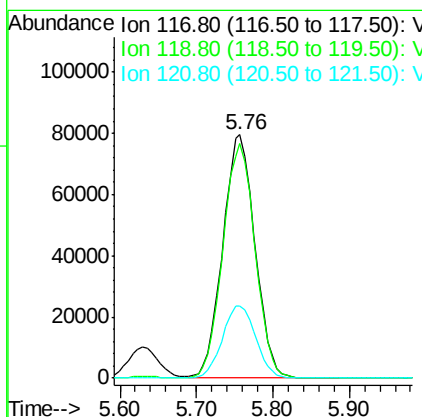
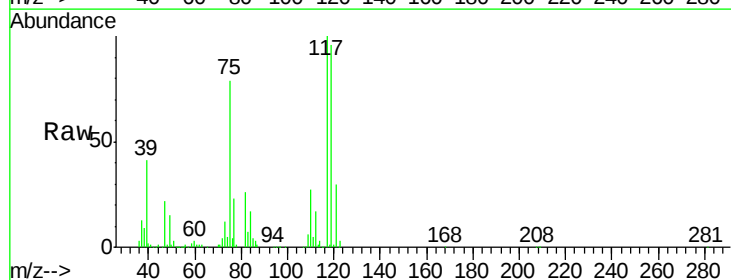
Manual Integrations
APPROVED

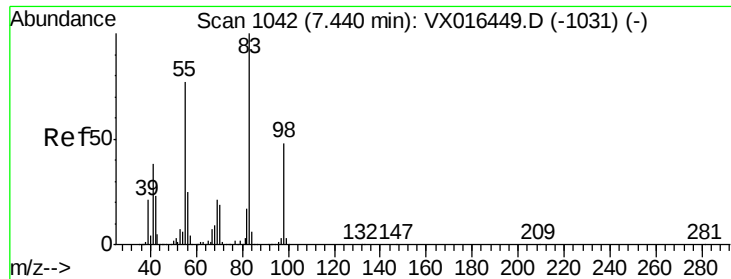
MMDadoda
5/29/2020 10:57:55 AM



#38
Carbon Tetrachloride
Concen: 48.882 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.3	114.5
121	29.6	24.6	37.0





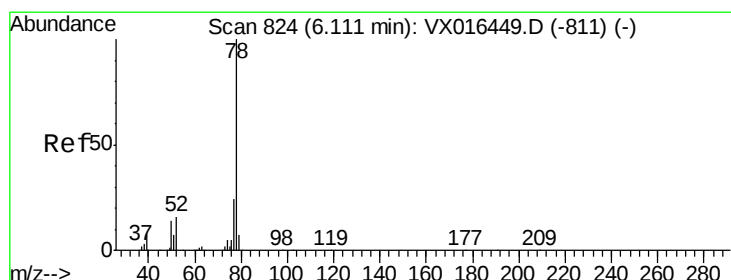
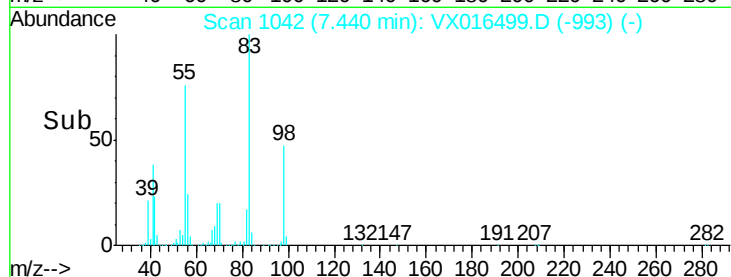
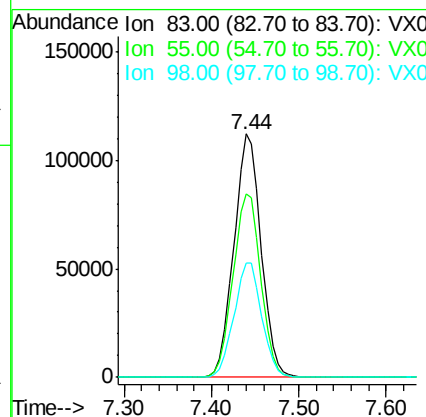
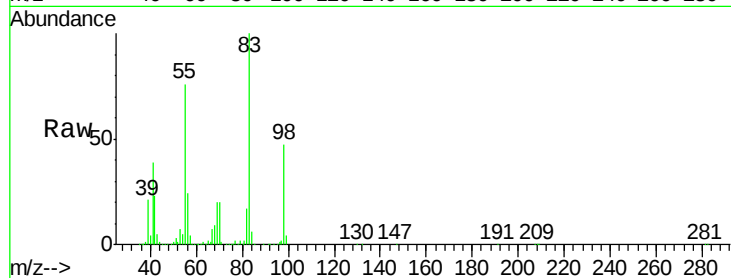
#39
Methylvlcyclohexane
Concen: 49.573 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.5	61.7	92.5
98	47.0	38.7	58.1

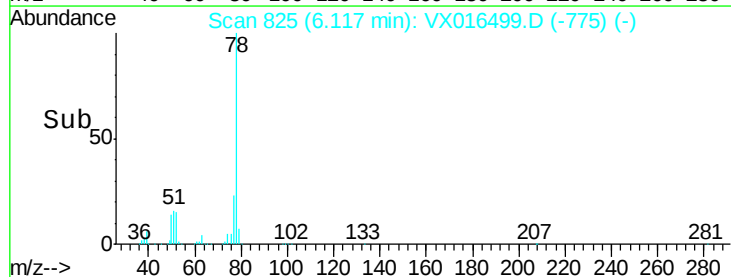
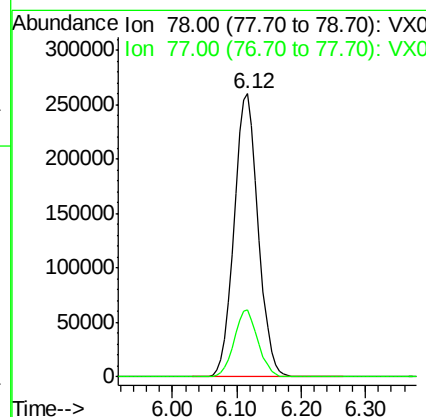
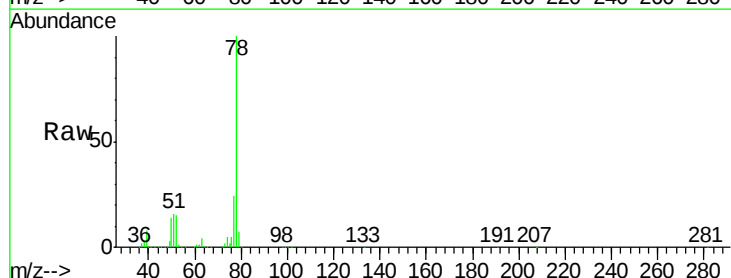
Manual Integrations
APPROVED

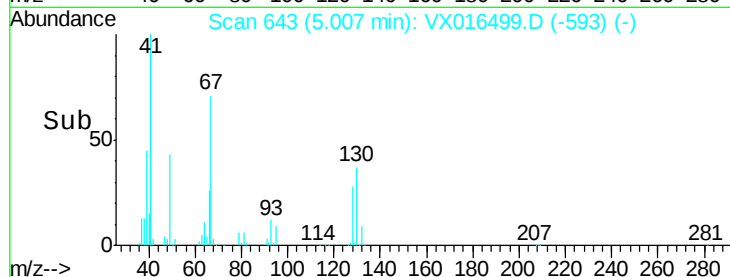
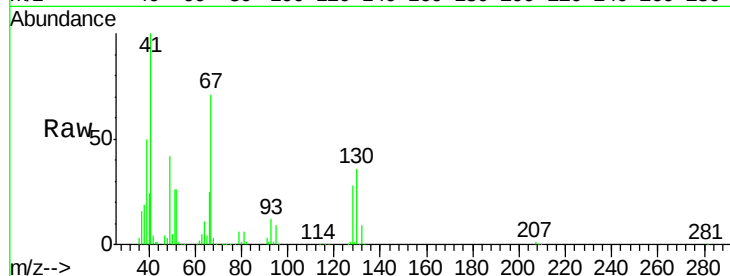
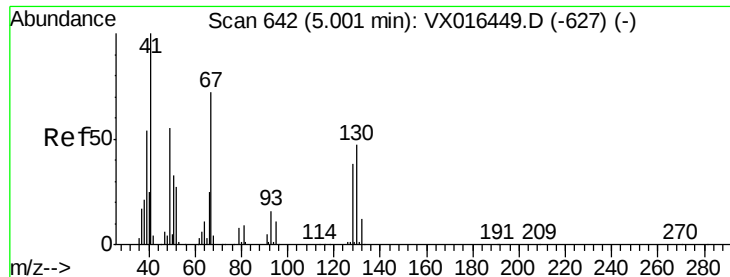
MMDadoda
5/29/2020 10:57:55 AM



#40
Benzene
Concen: 50.495 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

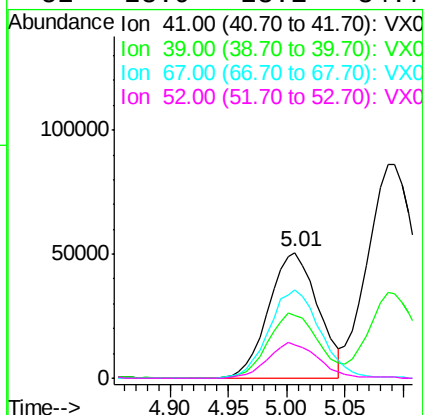
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.9	28.3





#41
Methacrylonitrile
Concen: 49.777 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

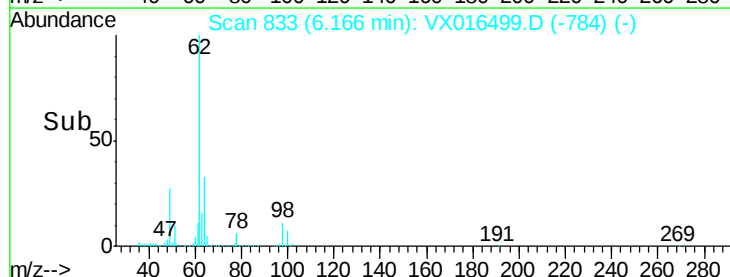
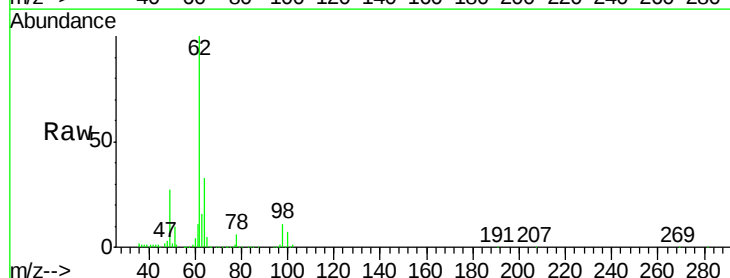
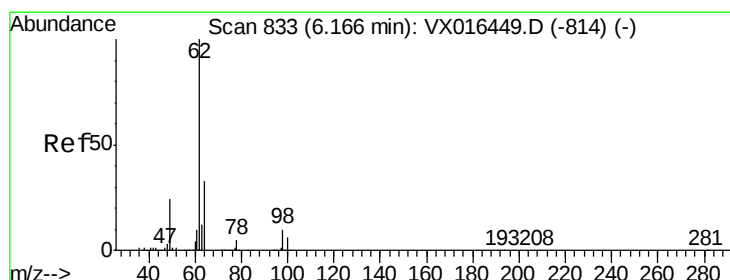
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	53.7	43.0	64.4		
67	73.8	58.9	88.3		
52	28.9	23.1	34.7		



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

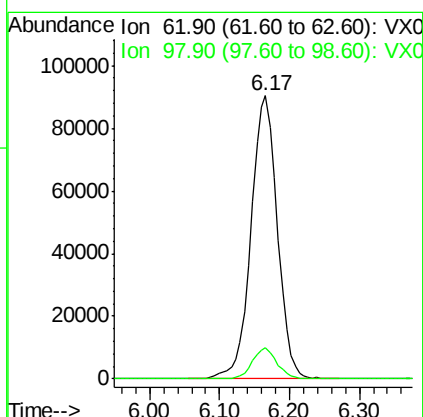
Manual Integrations
APPROVED

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5/29/2020 10:57:55 AM



#42
1,2-Dichloroethane
Concen: 49.437 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	10.3	0.0	19.8		





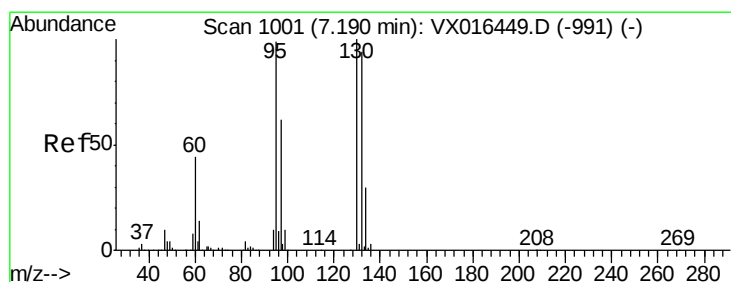
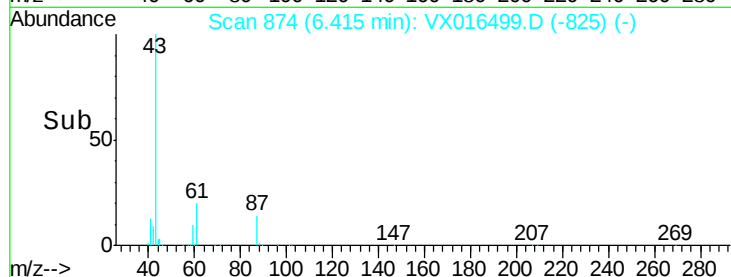
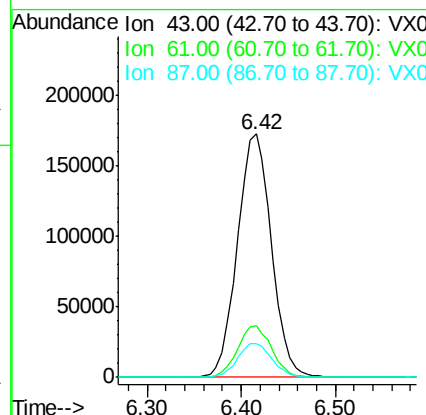
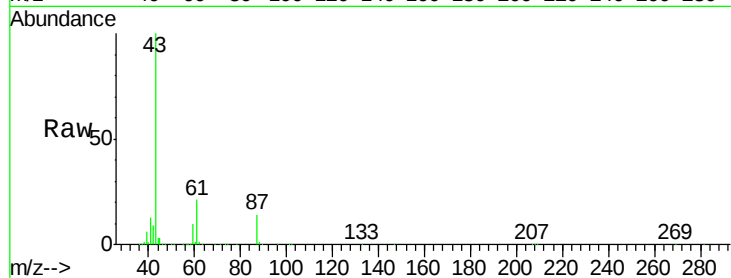
#43
Isopropyl Acetate
Concen: 51.243 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.3	16.8	25.2
87	14.1	11.2	16.8

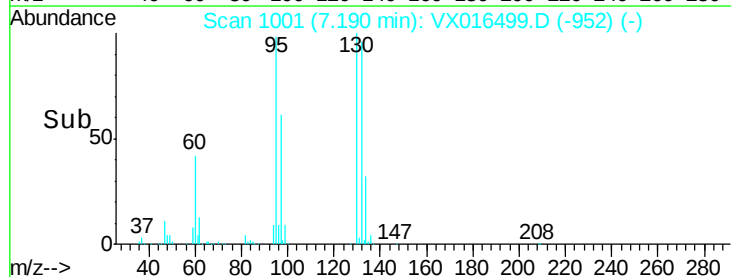
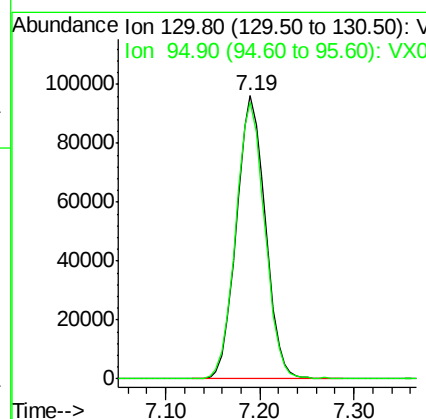
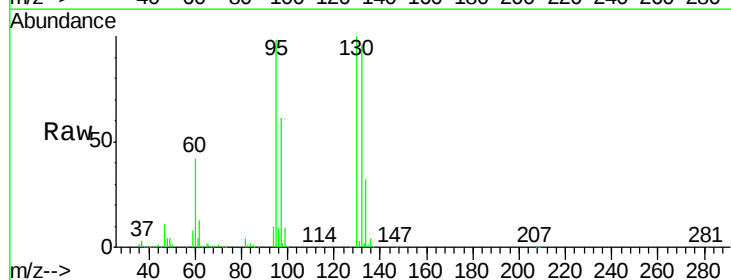
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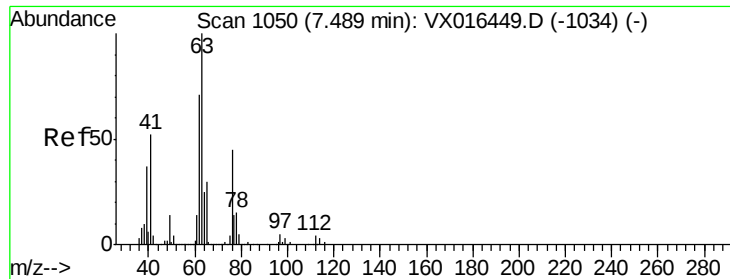
MMDadoda
5/29/2020 10:57:55 AM



#44
Trichloroethene
Concen: 47.967 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.0	0.0	198.2





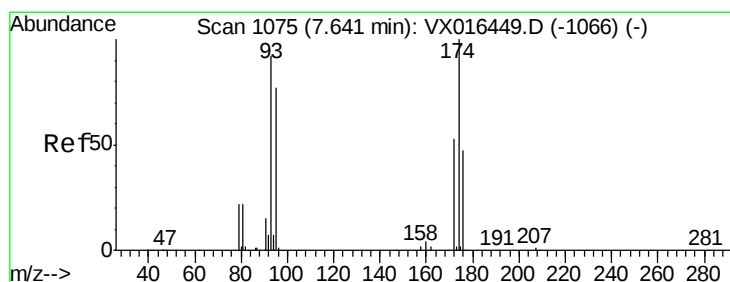
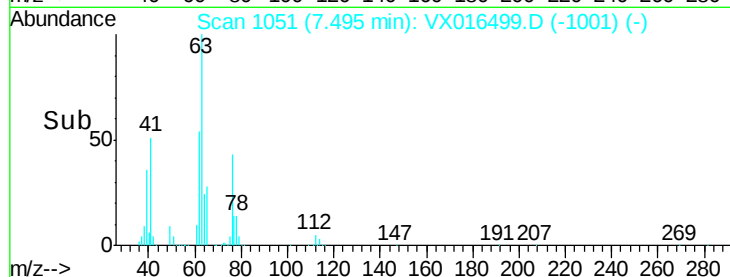
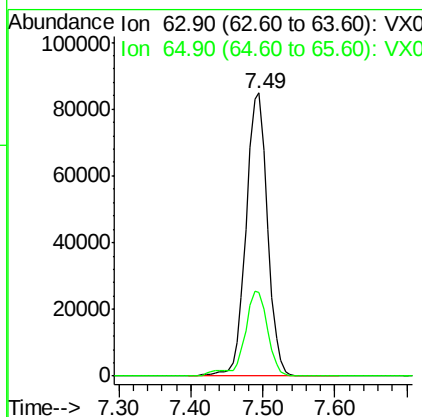
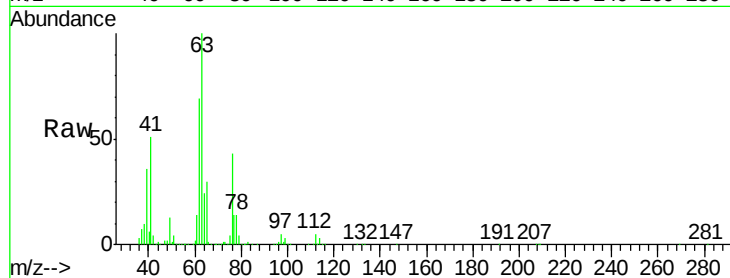
#45
 1,2-Dichloropropane
 Concen: 51.198 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VX016499.D
 Acq: 28 May 2020 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.8	24.2	36.2

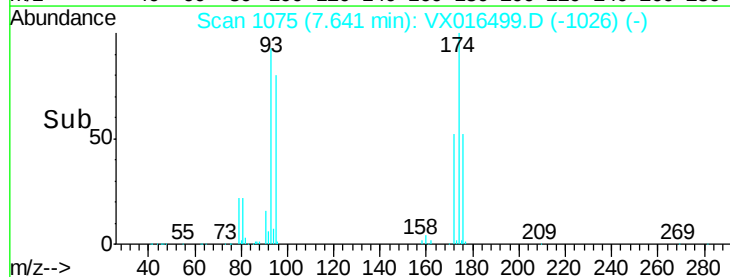
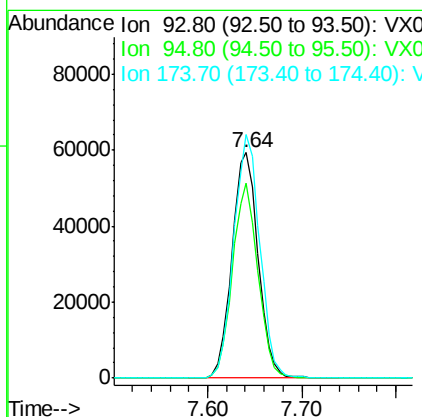
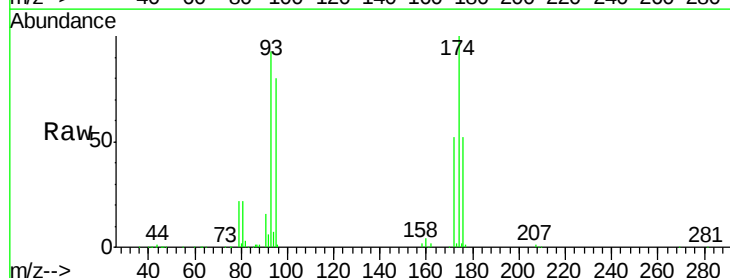
Manual Integrations
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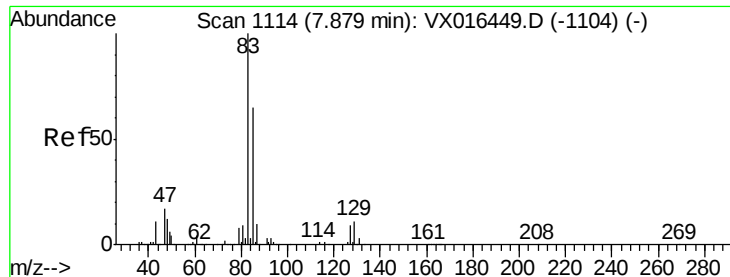
MMDadoda
 5/29/2020 10:57:55 AM



#46
 Dibromomethane
 Concen: 50.056 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016499.D
 Acq: 28 May 2020 20:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.0	66.6	100.0
174	107.7	86.2	129.4





#47

Bromodichloromethane

Concen: 50.454 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :

MSVOA_X

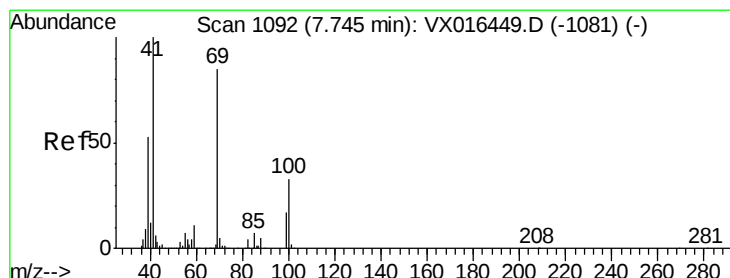
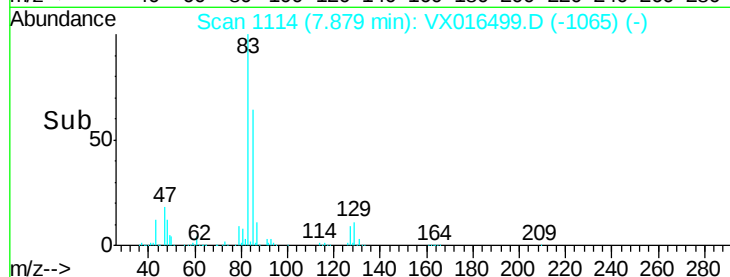
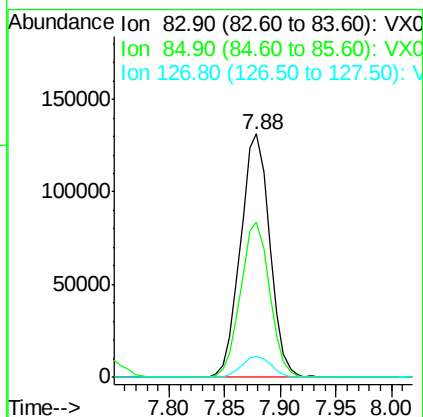
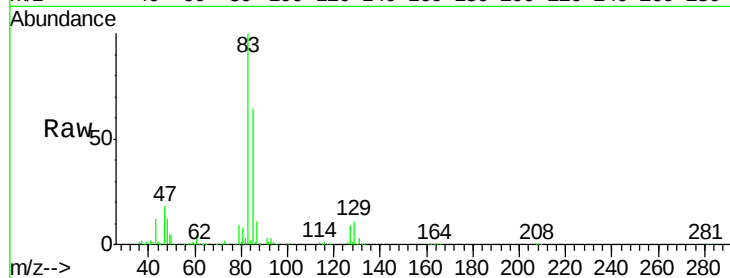
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	239975
Ion Ratio	Lower	Upper	
83	100		
85	64.0	52.0	78.0
127	8.7	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.523 ug/l

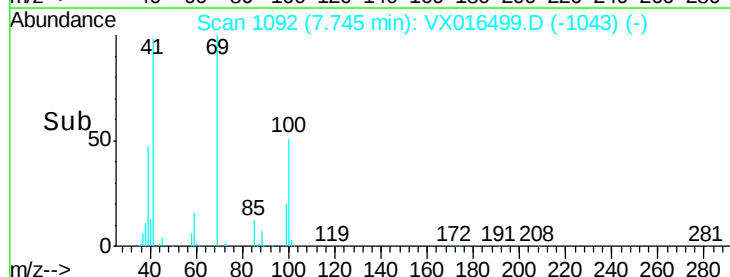
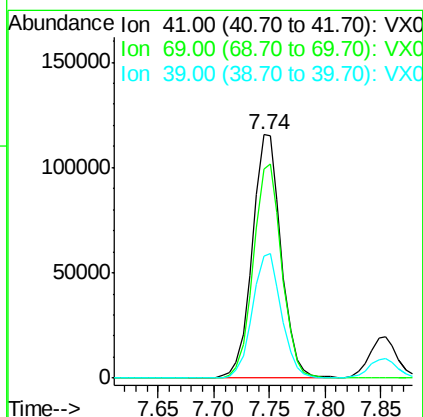
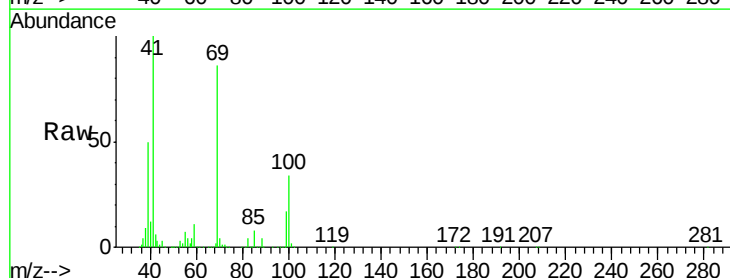
RT: 7.74 min Scan# 1092

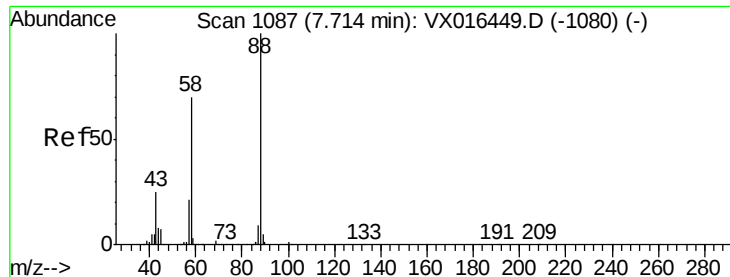
Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Tgt Ion:	41	Resp:	208402
Ion Ratio	Lower	Upper	
41	100		
69	87.1	68.6	102.8
39	51.4	42.4	63.6





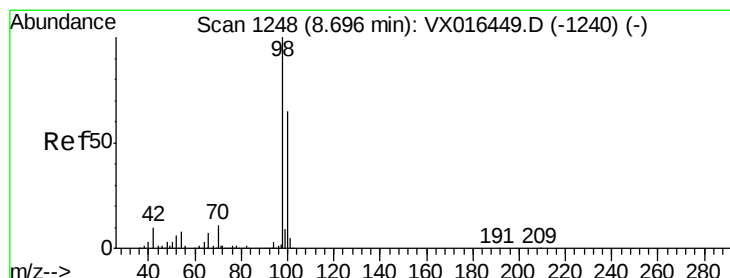
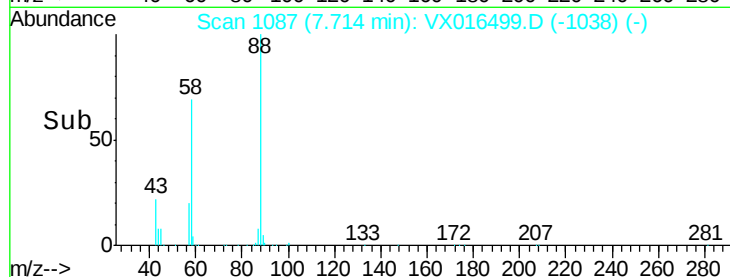
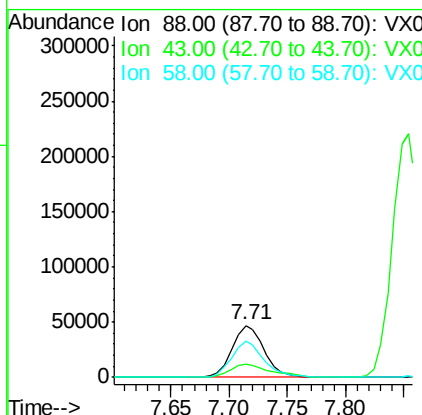
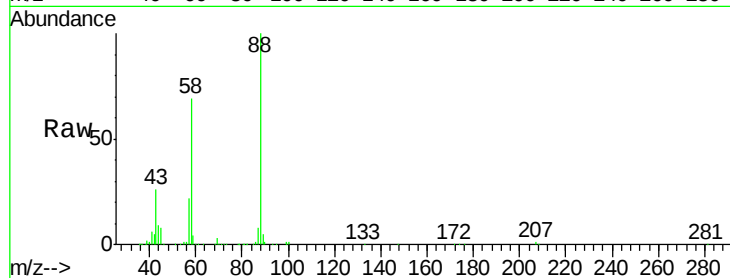
#49
1,4-Dioxane
Concen: 945.068 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.4	24.2	36.4
58	70.6	56.5	84.7

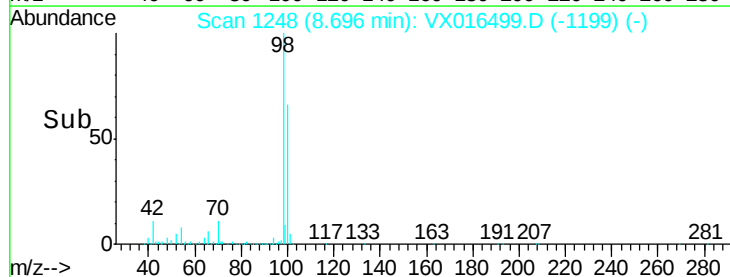
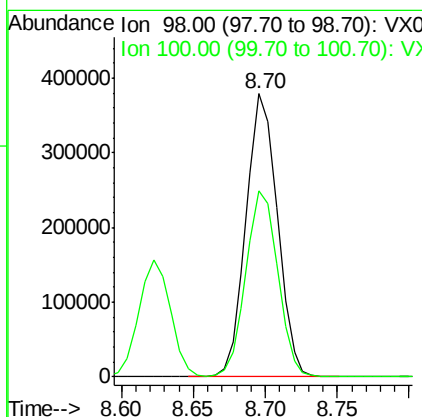
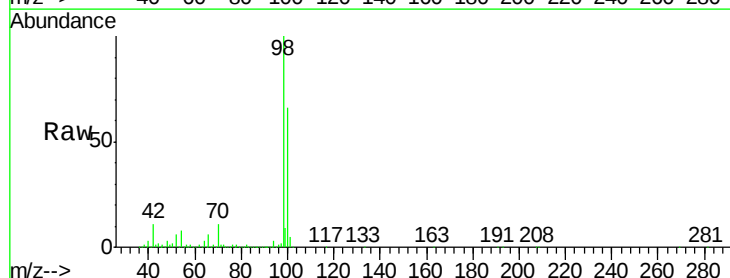
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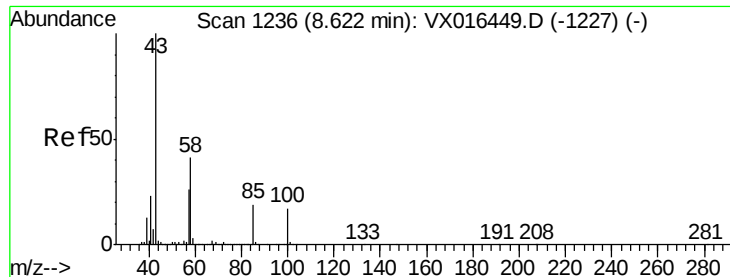
MMDadoda
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#50
Toluene-d8
Concen: 50.218 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.8	80.6





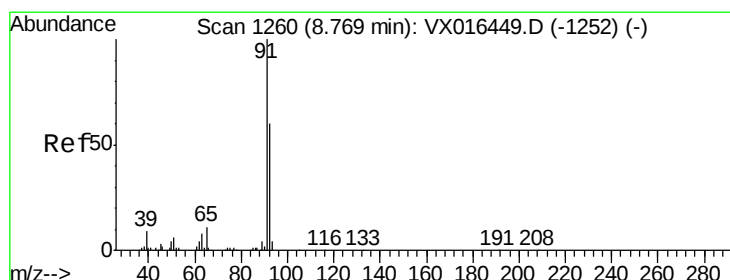
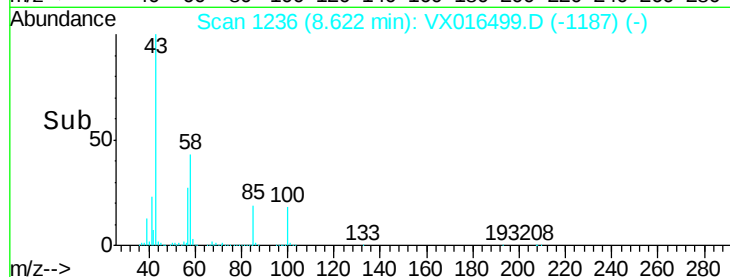
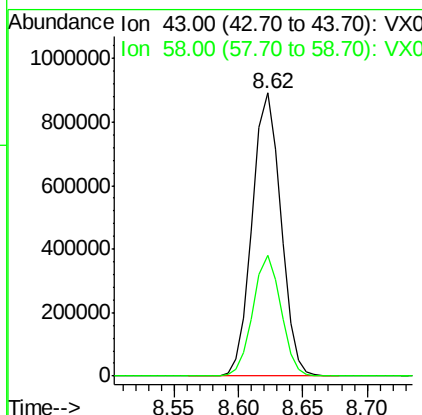
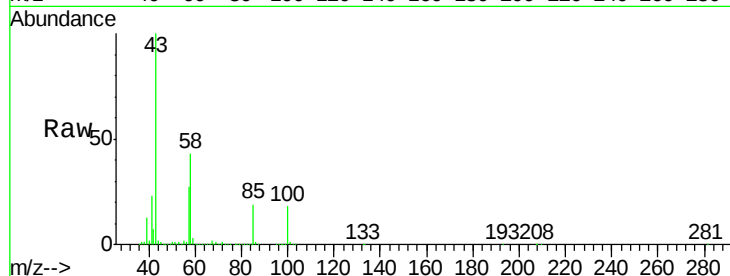
#51
 4-Methyl-2-Pentanone
 Concen: 260.918 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX016499.D
 Acq: 28 May 2020 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1372473
 Ion Ratio Lower Upper
 43 100
 58 41.7 33.0 49.6

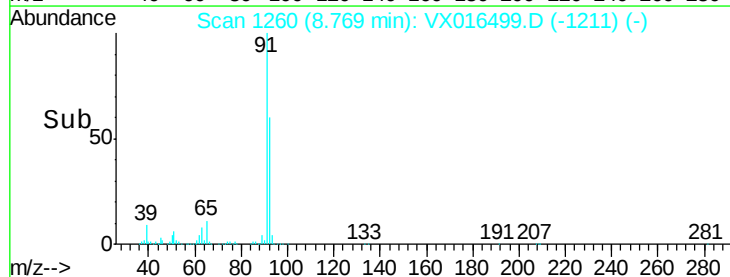
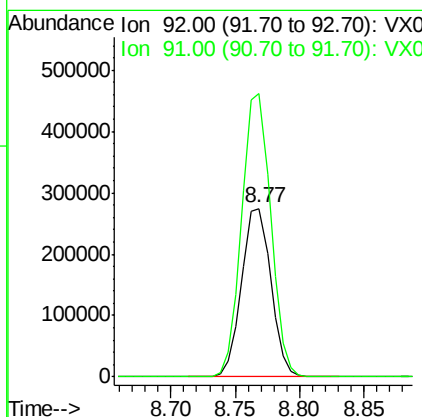
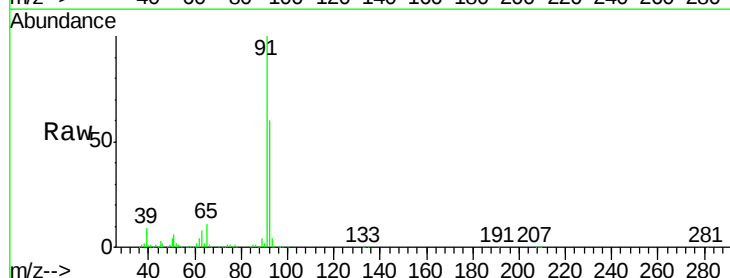
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#52
 Toluene
 Concen: 51.107 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VX016499.D
 Acq: 28 May 2020 20:27

Tgt Ion: 92 Resp: 432945
 Ion Ratio Lower Upper
 92 100
 91 166.7 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 51.404 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 278010

Ion Ratio Lower Upper

75 100

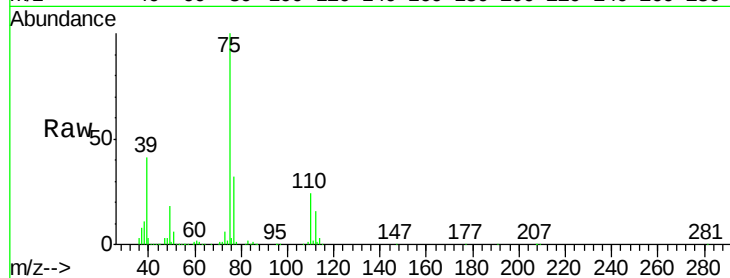
77 31.9 25.5 38.3

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5/29/2020 10:57:55 AM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

200000

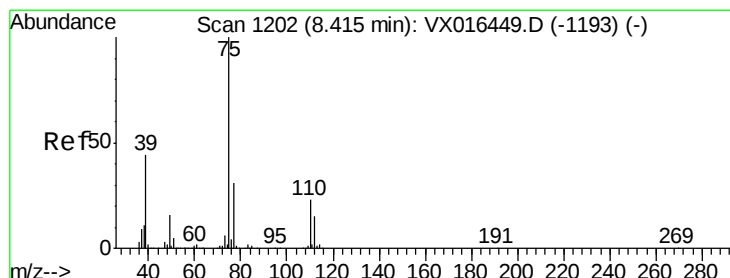
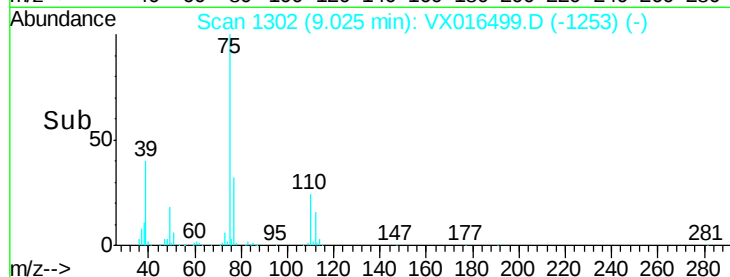
150000

100000

50000

0

Time--> 8.90 9.00 9.10 9.20



#54

cis-1,3-Dichloropropene

Concen: 50.843 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

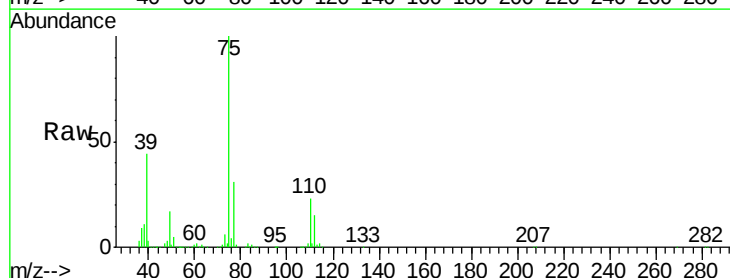
Tgt Ion: 75 Resp: 291054

Ion Ratio Lower Upper

75 100

77 31.3 24.6 36.8

39 44.0 35.3 52.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

250000

200000

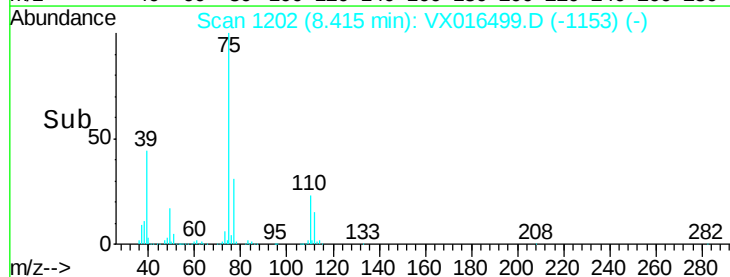
150000

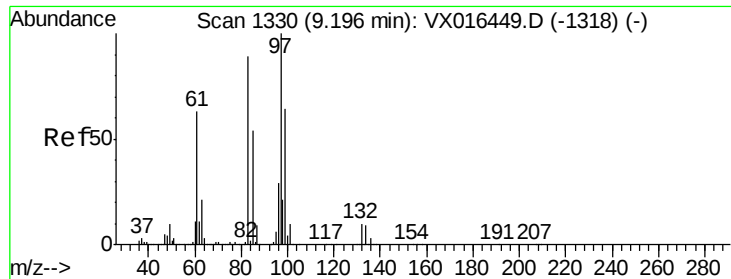
100000

50000

0

Time--> 8.30 8.40 8.50





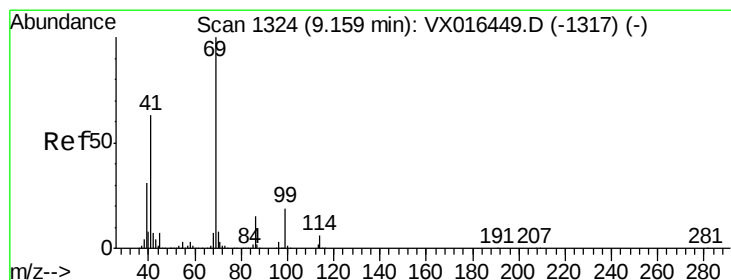
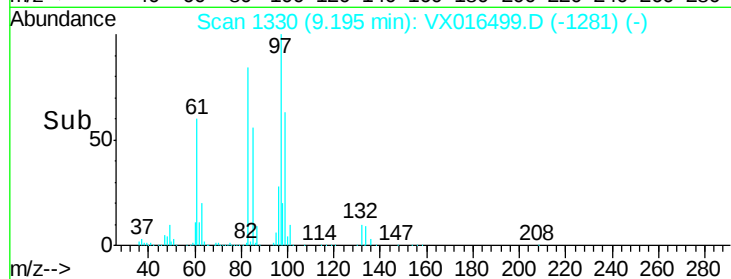
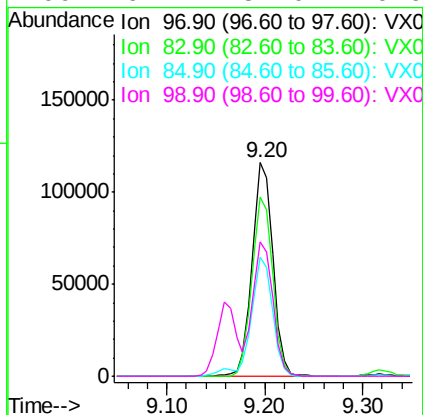
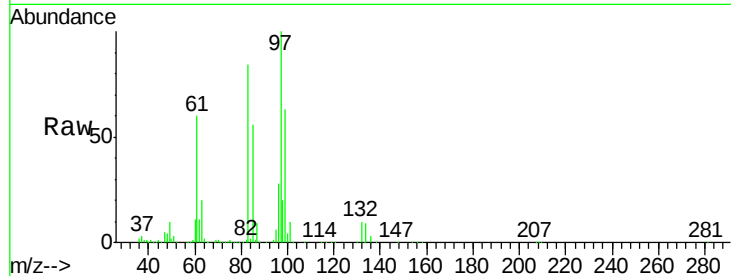
#55
 1,1,2-Trichloroethane
 Concen: 50.912 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016499.D
 Acq: 28 May 2020 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	171480
Ion	Ratio	Lower	Upper
97	100		
83	84.1	70.9	106.3
85	55.8	43.4	65.2
99	62.7	51.0	76.6

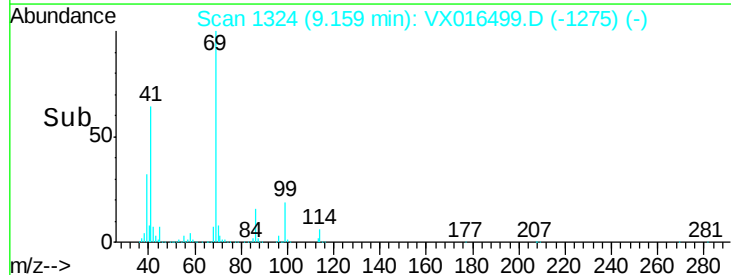
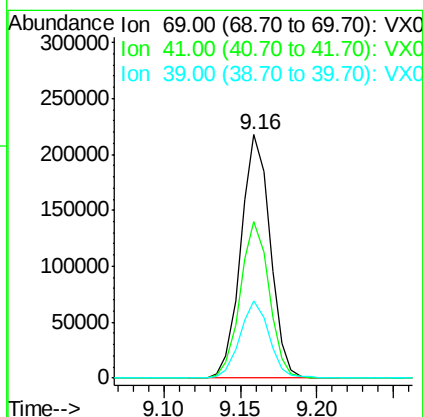
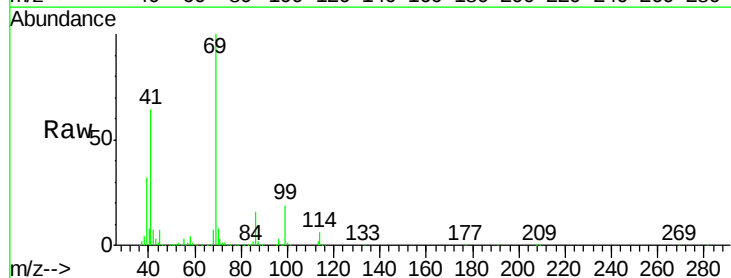
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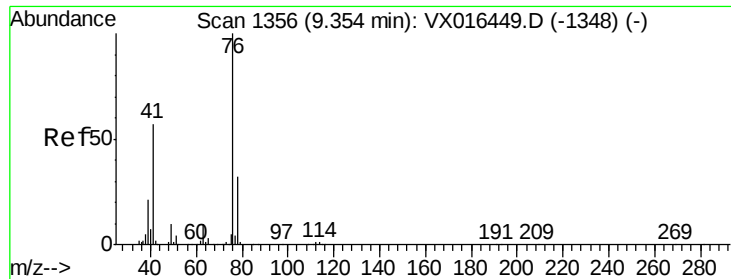
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#56
 Ethyl methacrylate
 Concen: 52.903 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016499.D
 Acq: 28 May 2020 20:27

Tgt Ion:	69	Resp:	290202
Ion	Ratio	Lower	Upper
69	100		
41	63.3	50.7	76.1
39	31.5	25.8	38.6





#57

1,3-Dichloropropane

Concen: 50.819 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 293798

Ion Ratio Lower Upper

76 100

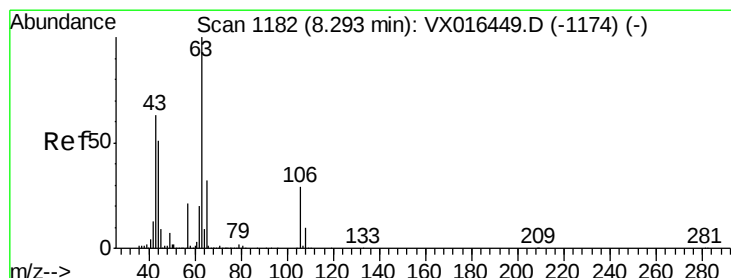
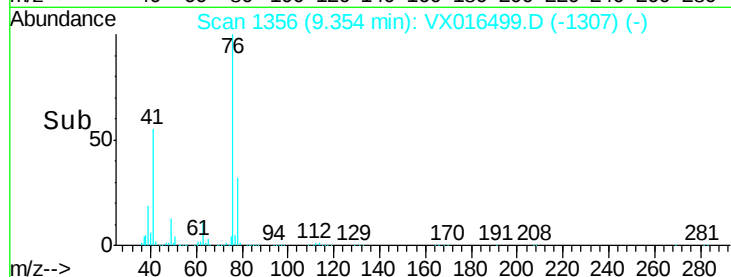
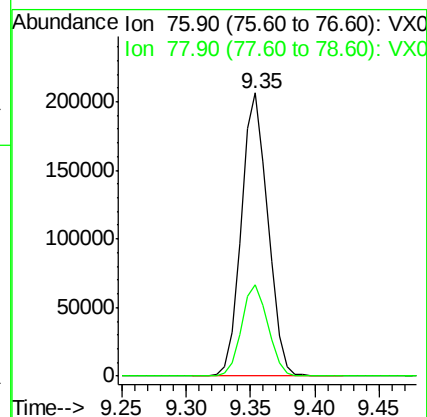
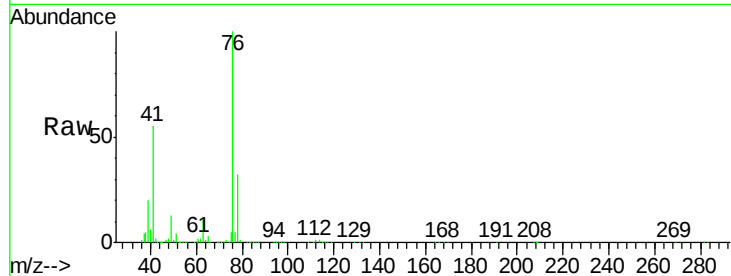
78 32.3 26.2 39.4

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5/29/2020 10:57:55 AM



#58

2-Chloroethyl Vinyl ether

Concen: 256.688 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016499.D

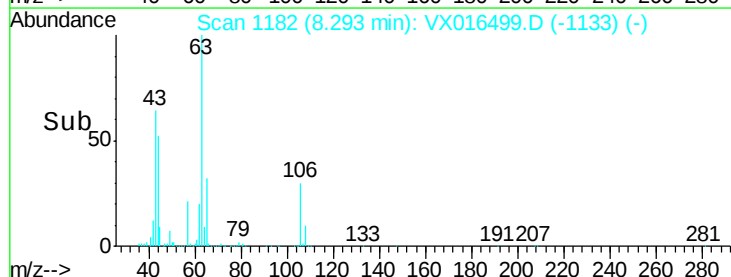
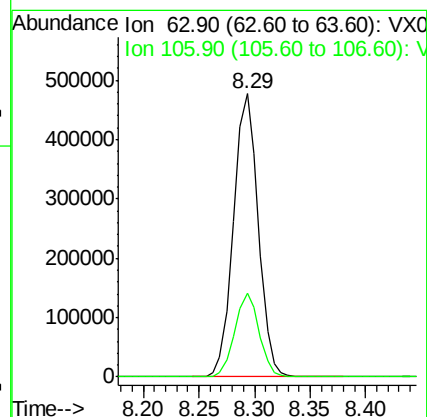
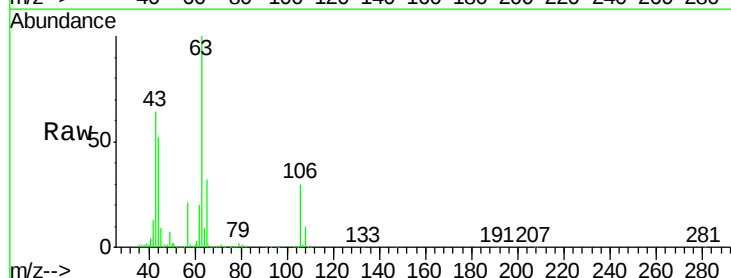
Acq: 28 May 2020 20:27

Tgt Ion: 63 Resp: 734954

Ion Ratio Lower Upper

63 100

106 29.2 23.2 34.8





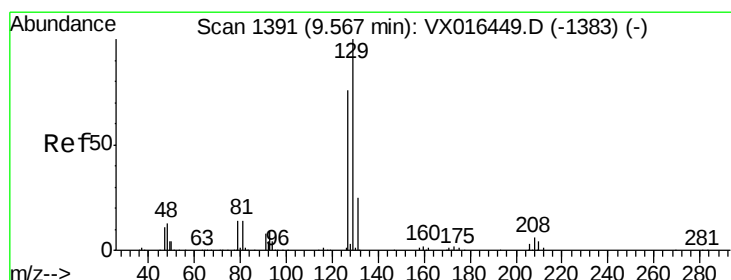
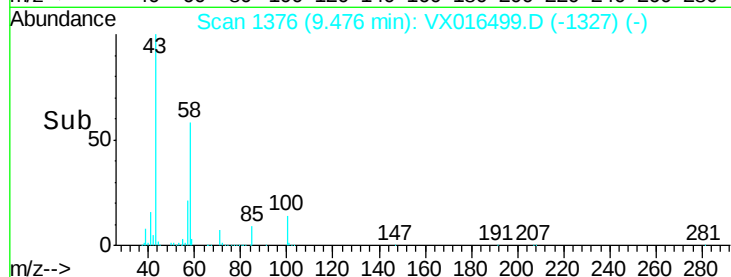
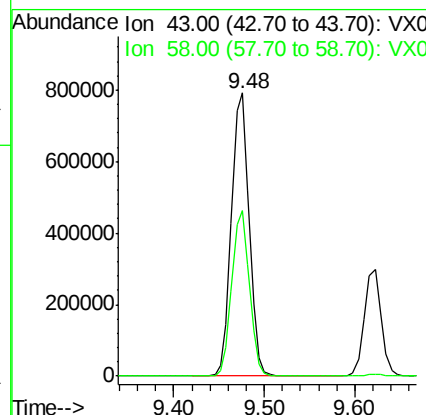
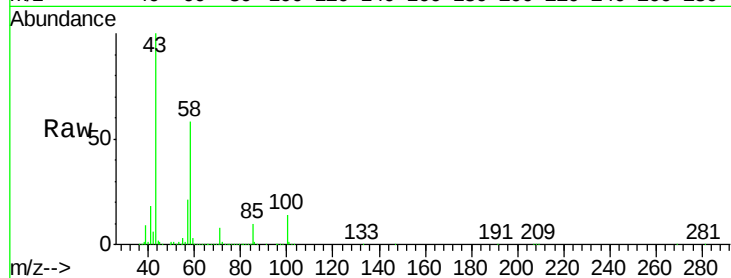
#59
2-Hexanone
Concen: 263.262 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1076903
Ion Ratio Lower Upper
43 100
58 58.3 28.8 86.4

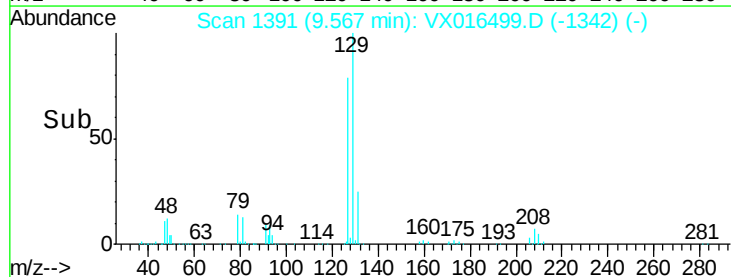
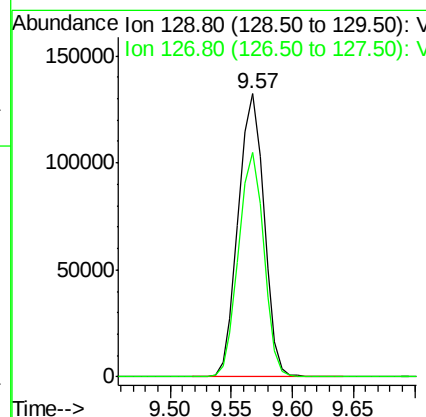
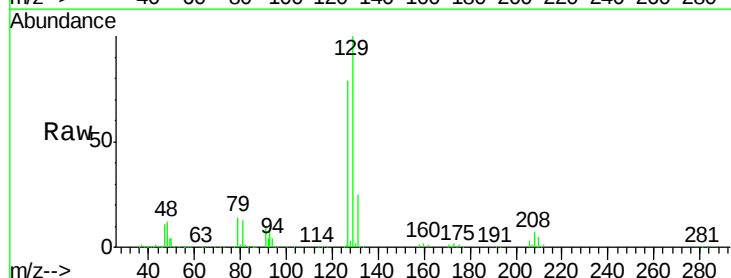
Manual Integrations
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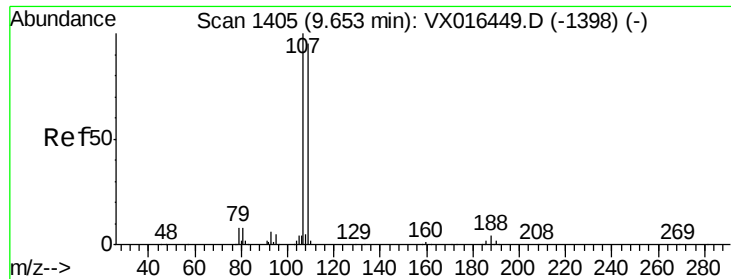
MMDadoda
5/29/2020 10:57:55 AM



#60
Dibromochloromethane
Concen: 51.086 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

Tgt Ion: 129 Resp: 193637
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0





#61

1,2-Dibromoethane

Concen: 51.209 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 184701

Ion Ratio Lower Upper

107 100

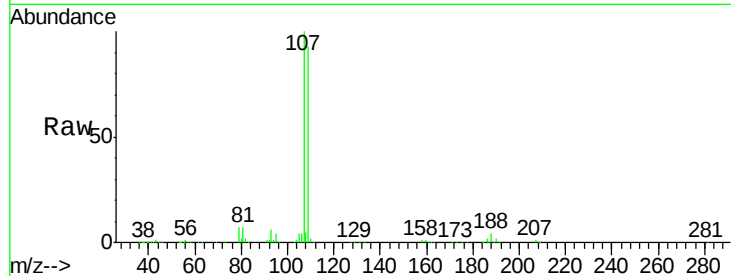
109 93.7 75.5 113.3

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

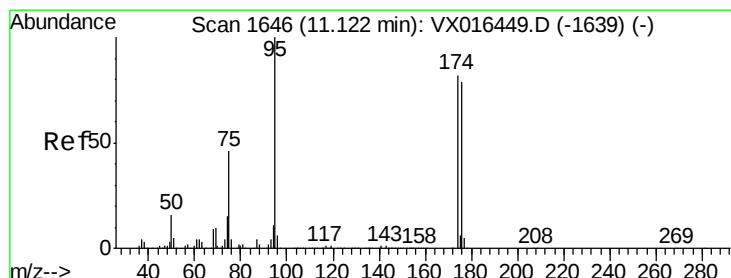
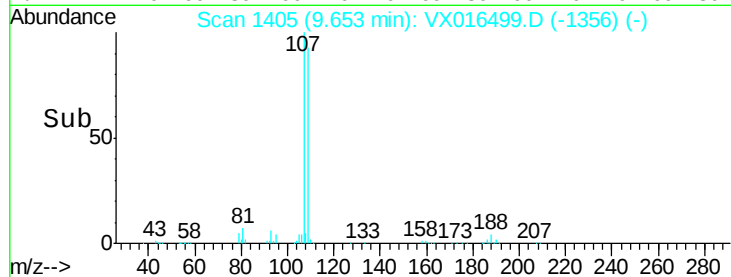
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.541 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

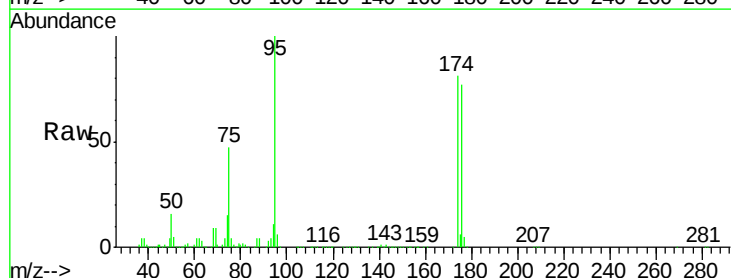
Tgt Ion: 95 Resp: 218582

Ion Ratio Lower Upper

95 100

174 80.7 0.0 163.0

176 78.3 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

200000

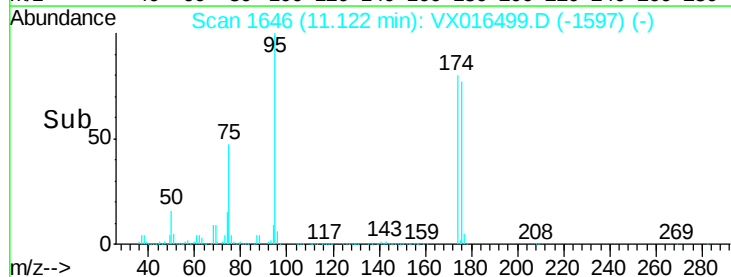
150000

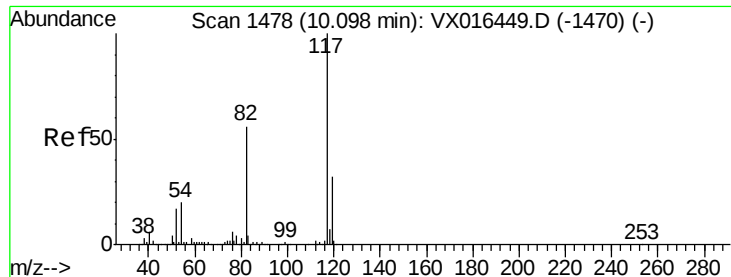
100000

50000

0

Time-->





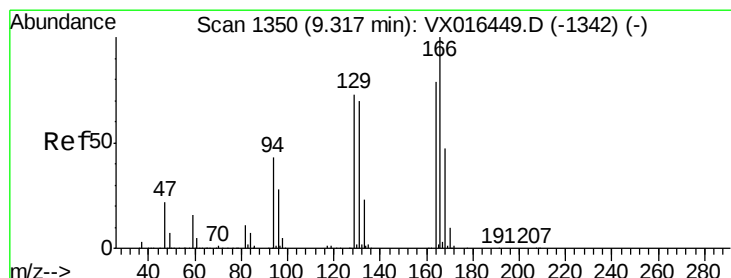
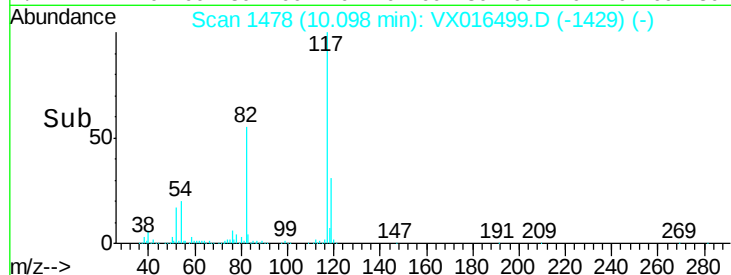
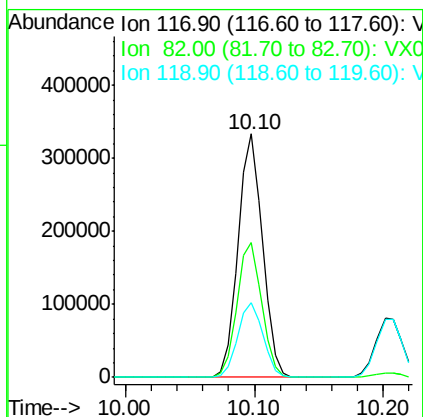
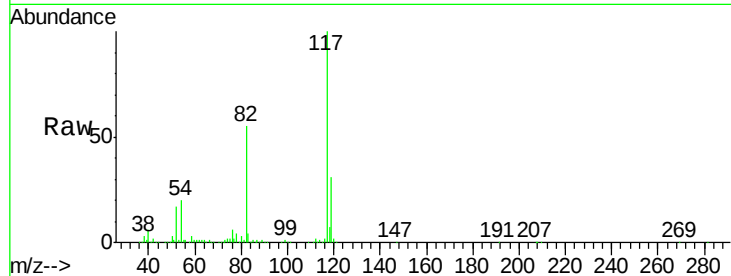
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	438661		
82	55.1	45.0	67.6	
119	30.6	25.8	38.8	

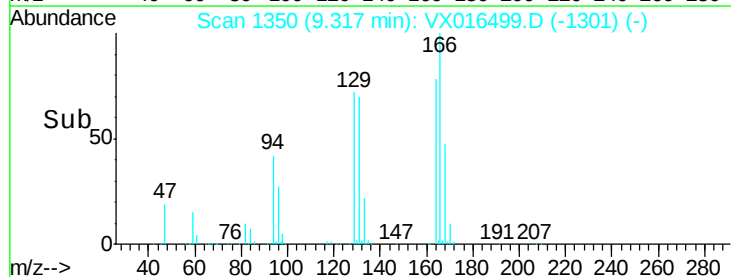
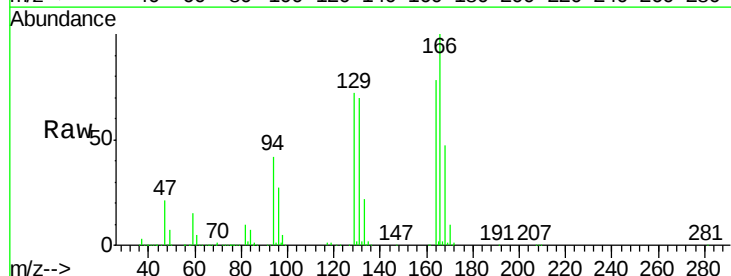
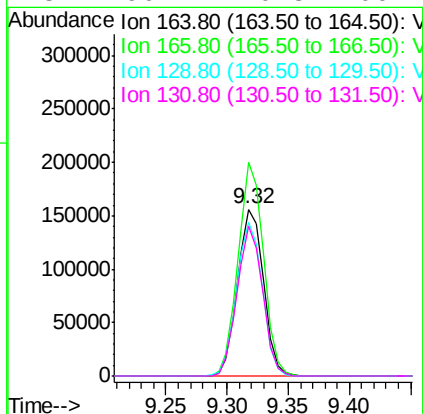
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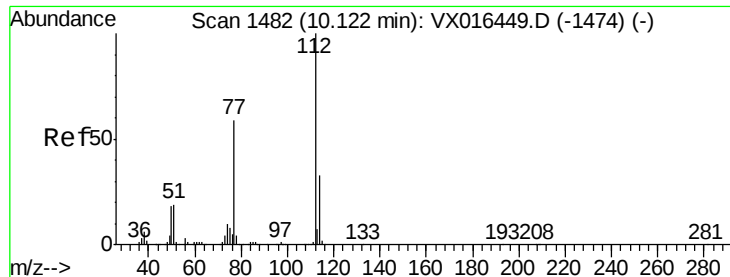
MMDadoda
5/29/2020 10:57:55 AM



#64
Tetrachloroethene
Concen: 46.377 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	227603		
166	128.3	100.9	151.3	
129	92.1	73.2	109.8	
131	90.1	70.8	106.2	





#65

Chlorobenzene

Concen: 51.153 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 457464

Ion Ratio Lower Upper

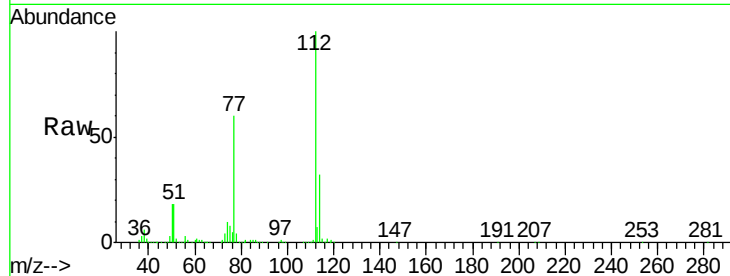
112 100

114 32.1 26.0 39.0

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

400000

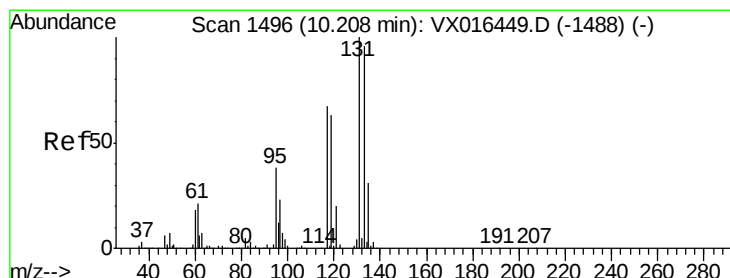
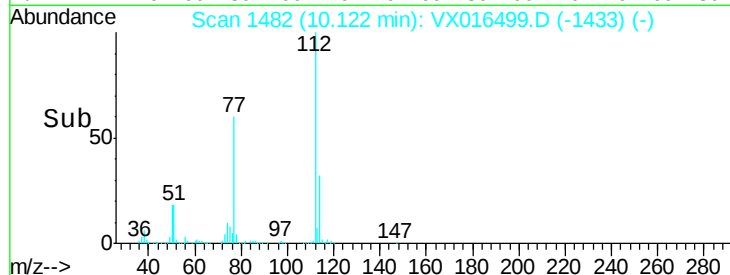
300000

200000

100000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 50.836 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

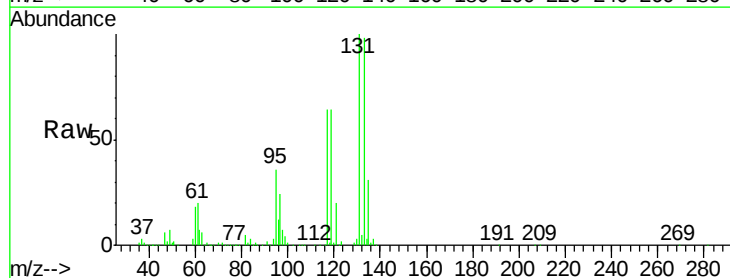
Tgt Ion:131 Resp: 173543

Ion Ratio Lower Upper

131 100

133 96.4 48.4 145.3

119 65.2 32.0 96.2



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.21

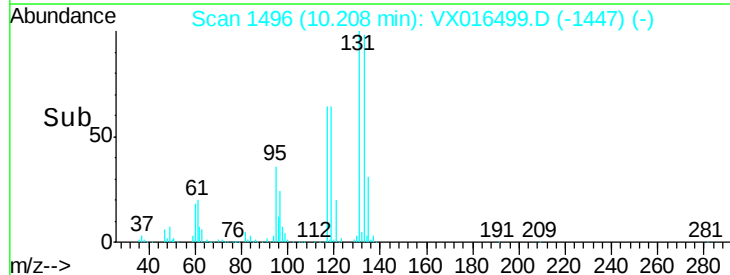
150000

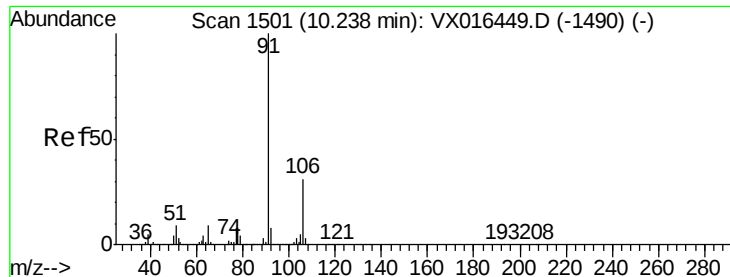
100000

50000

0

Time-->





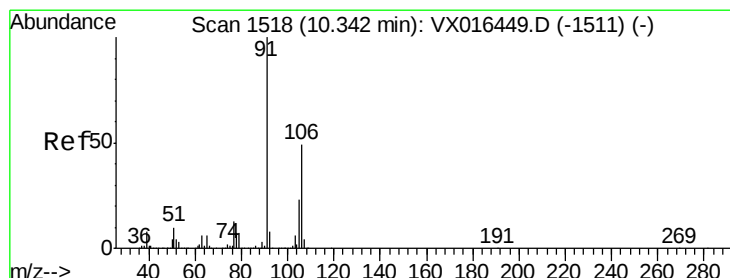
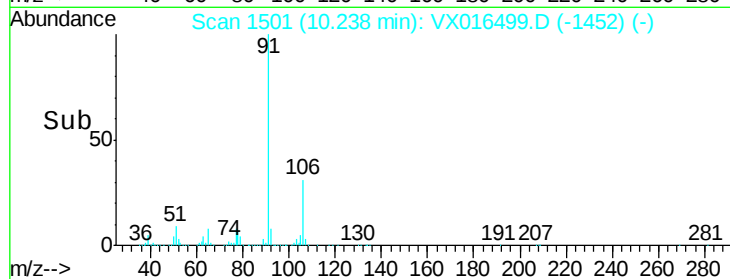
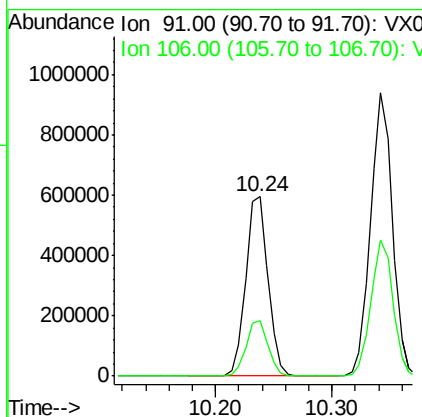
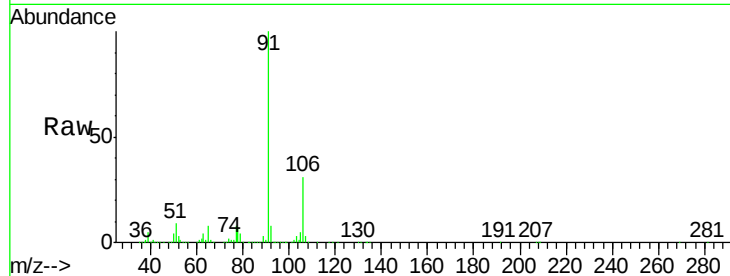
#67
Ethyl Benzene
Concen: 50.031 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 796612
Ion Ratio Lower Upper
91 100
106 30.8 25.0 37.4

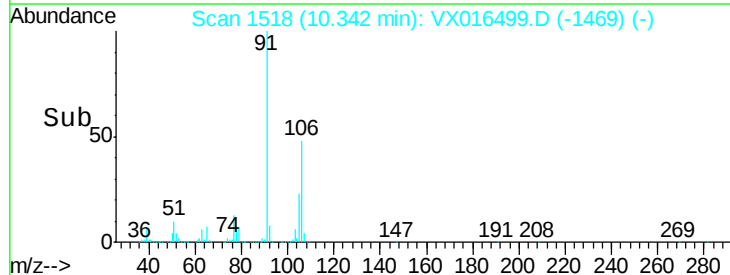
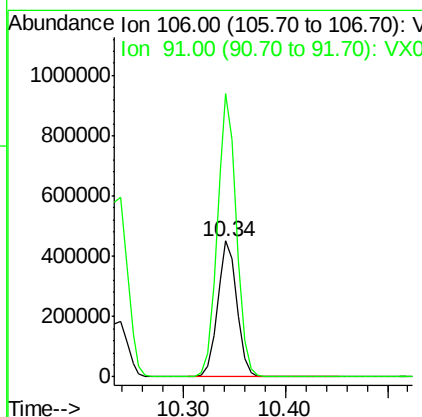
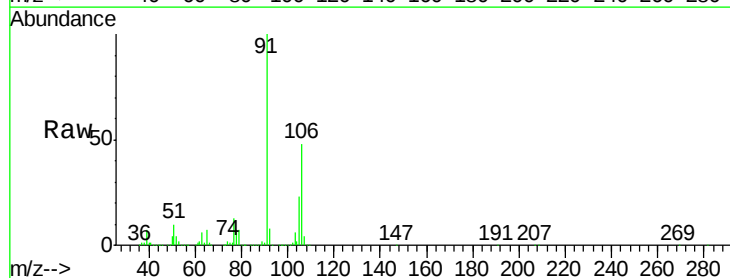
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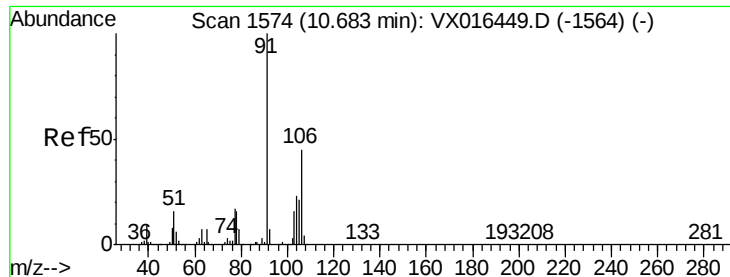
MMDadoda
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#68
m/p-Xylenes
Concen: 101.034 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

Tgt Ion: 106 Resp: 596463
Ion Ratio Lower Upper
106 100
91 205.7 163.8 245.8





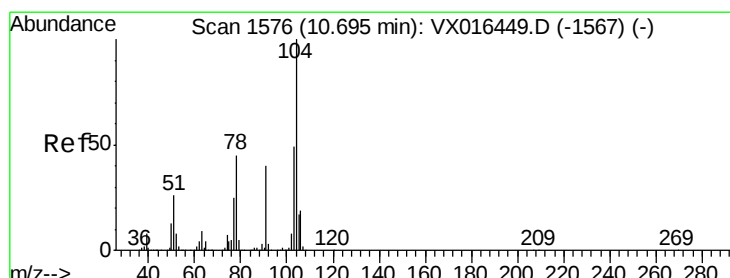
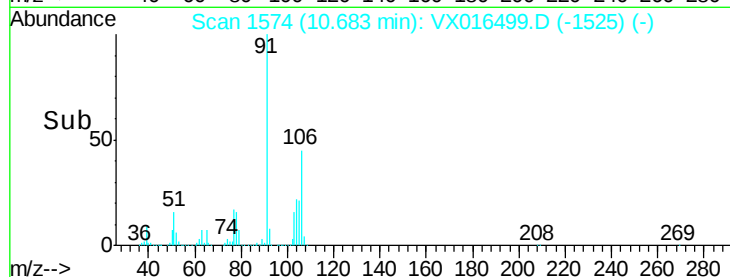
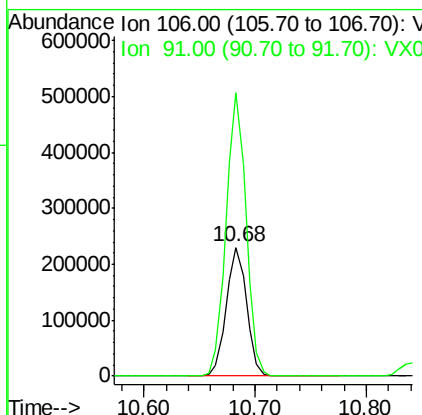
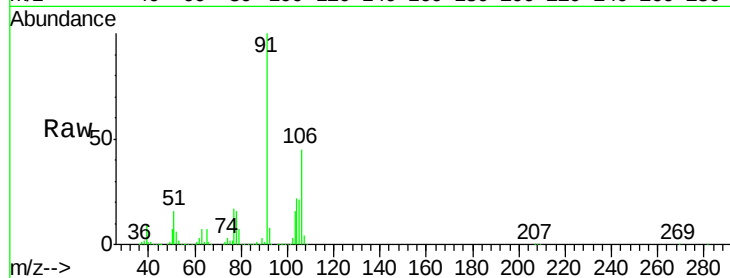
#69
o-Xylene
Concen: 50.763 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		290230		
91	216.6	109.6	328.8		

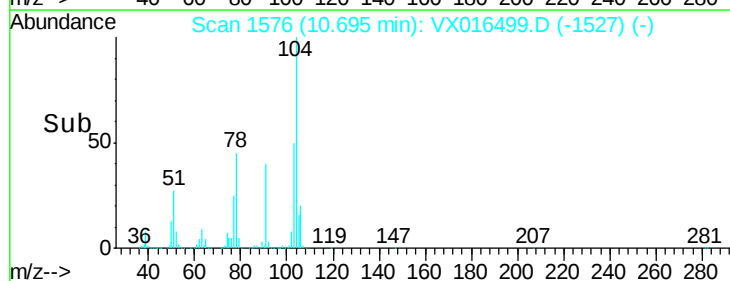
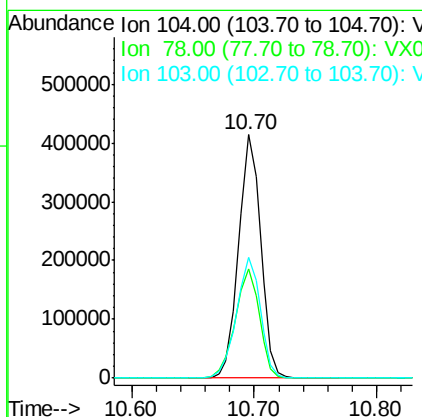
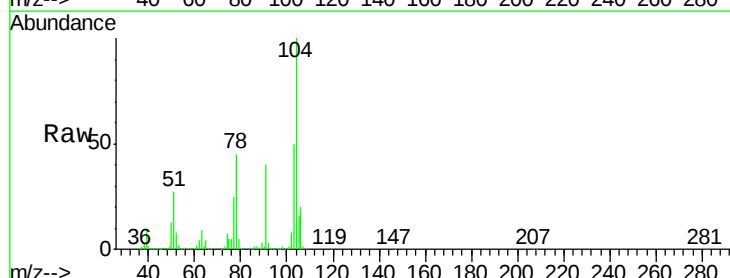
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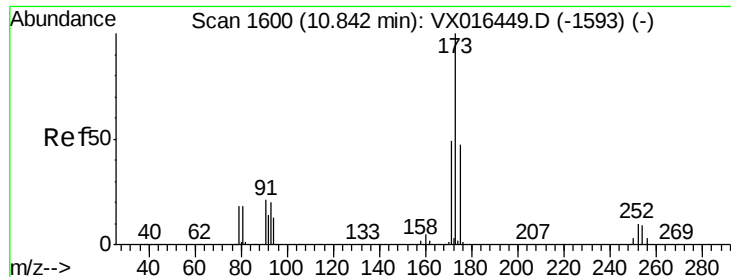
MMDadoda
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#70
Styrene
Concen: 52.379 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		514749		
78	49.7	40.2	60.2		
103	53.9	43.1	64.7		





#71

Bromoform

Concen: 52.566 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 151660

Ion Ratio Lower Upper

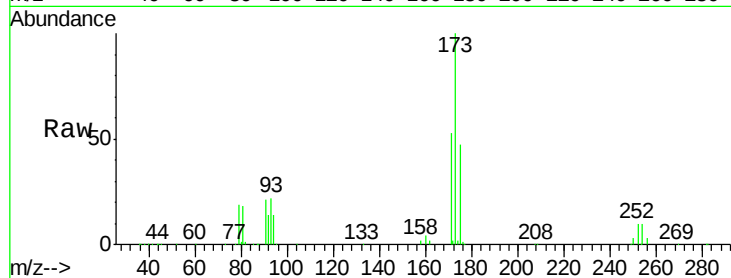
173 100

175 47.7 23.9 71.7

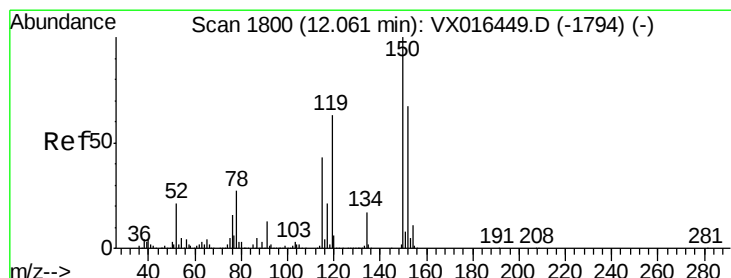
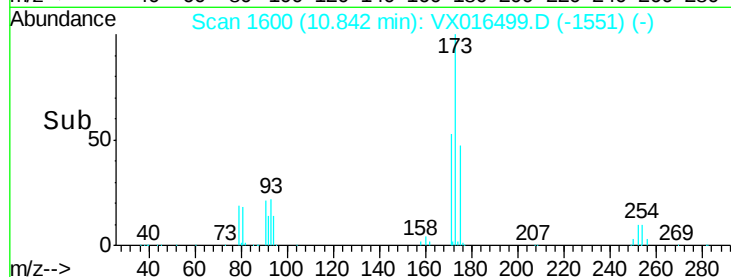
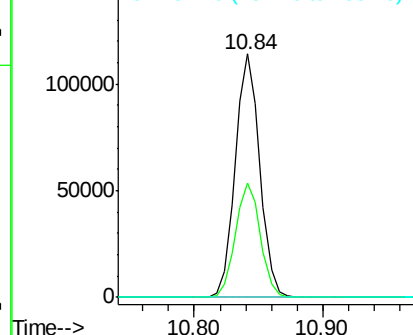
254 0.1 0.1 0.1#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

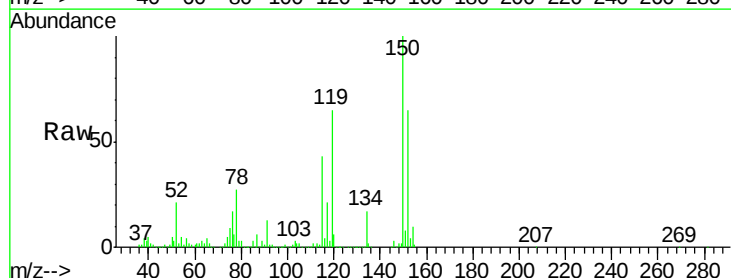
Tgt Ion:152 Resp: 215994

Ion Ratio Lower Upper

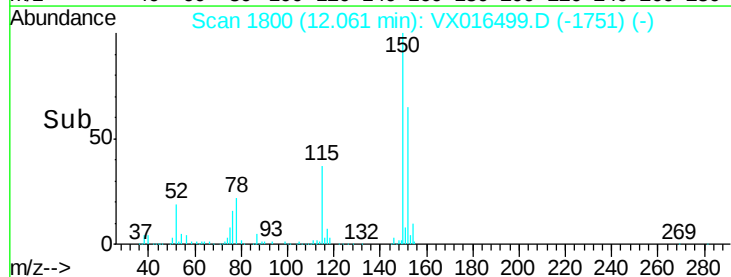
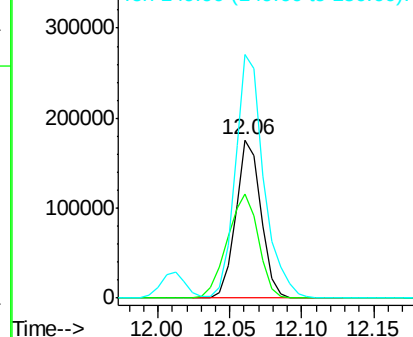
152 100

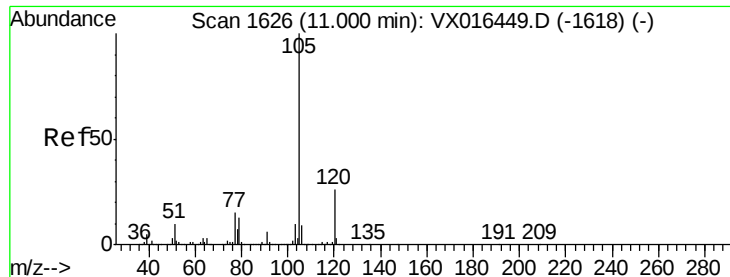
115 81.0 39.9 119.6

150 173.1 0.0 341.0



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: 51.121 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 765065

Ion Ratio Lower Upper

105 100

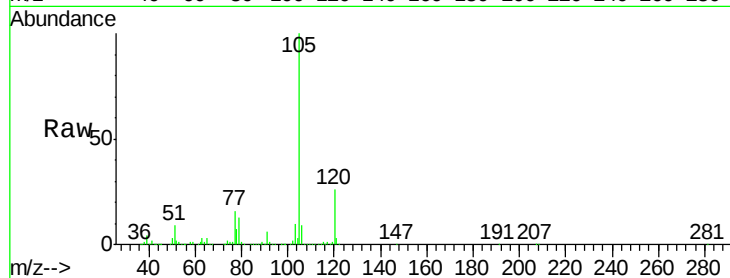
120 26.3 13.1 39.3

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

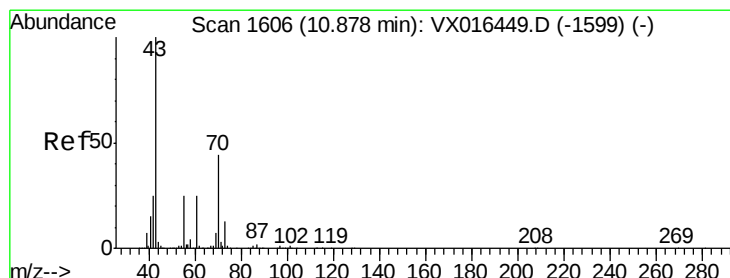
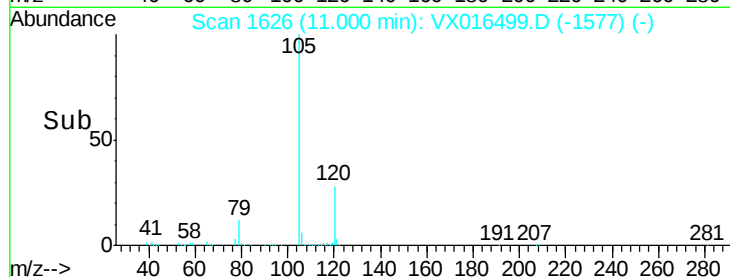
400000

200000

0

11.00

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 54.112 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Tgt Ion: 43 Resp: 372503

Ion Ratio Lower Upper

43 100

70 46.1 36.1 54.1

55 25.3 20.2 30.4

61 26.1 20.3 30.5

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

400000

300000

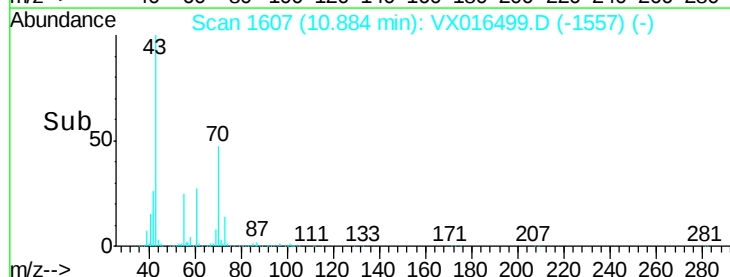
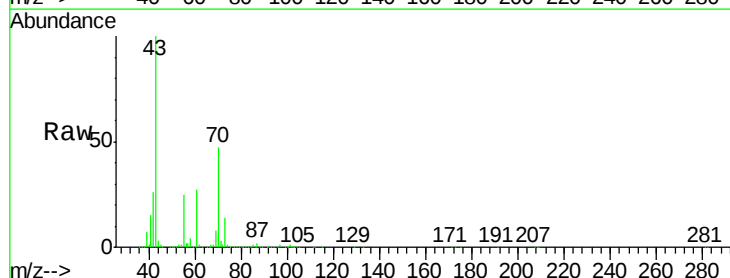
200000

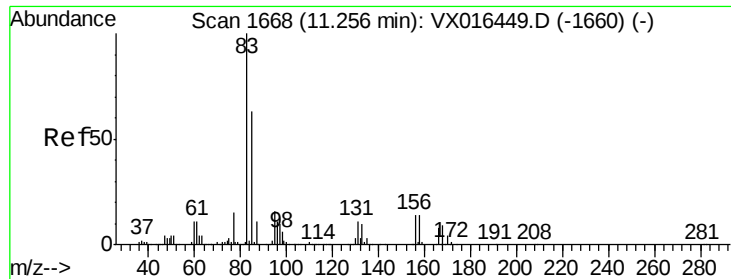
100000

0

10.88

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 56.607 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :

MSVOA_X

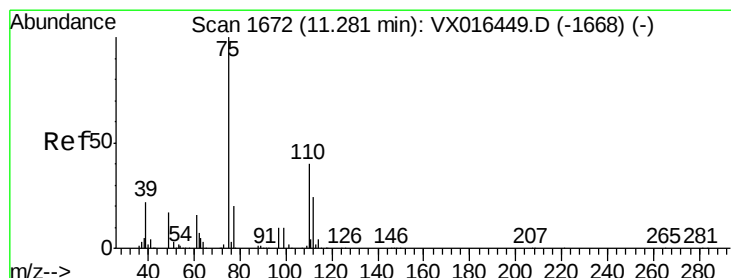
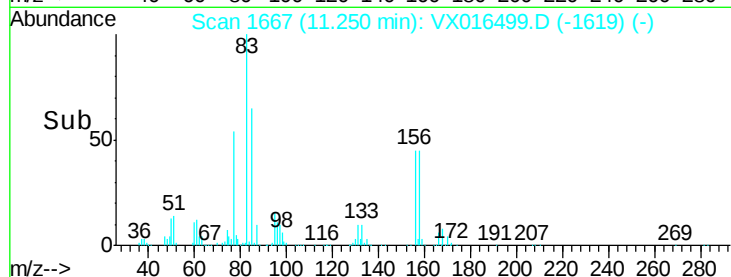
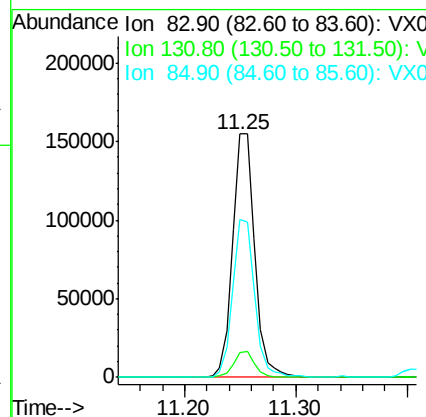
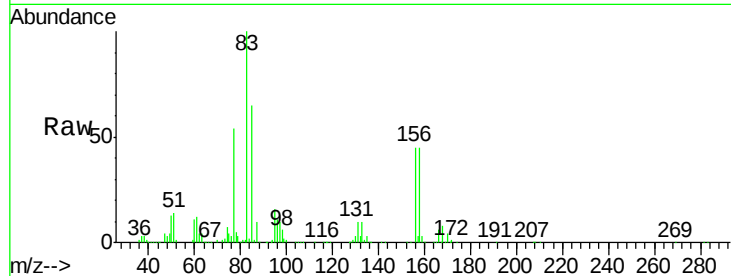
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	212317
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.3
85	64.6	32.0	96.2

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#76

1,2,3-Trichloropropane

Concen: 53.091 ug/l m

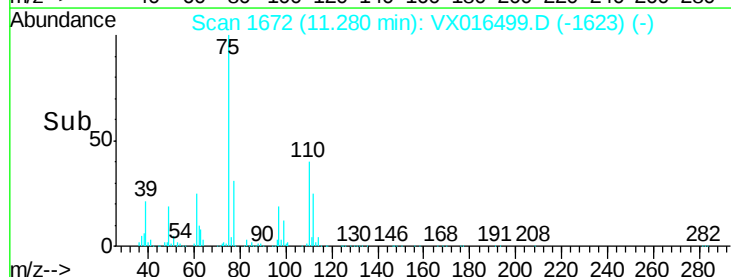
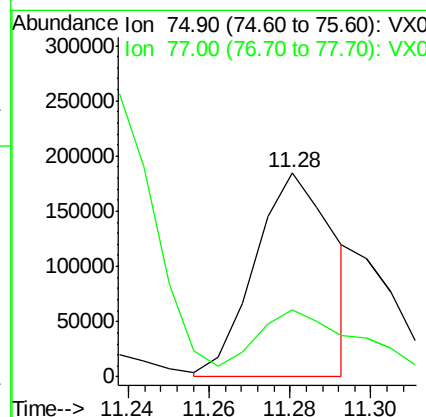
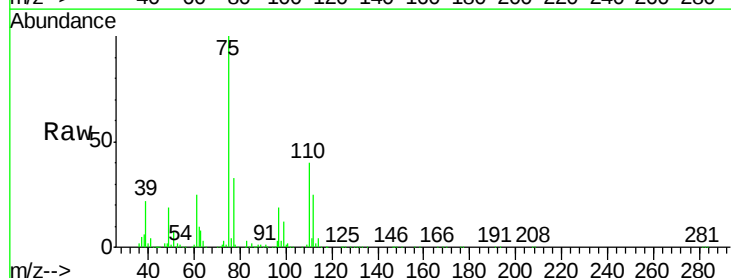
RT: 11.28 min Scan# 1672

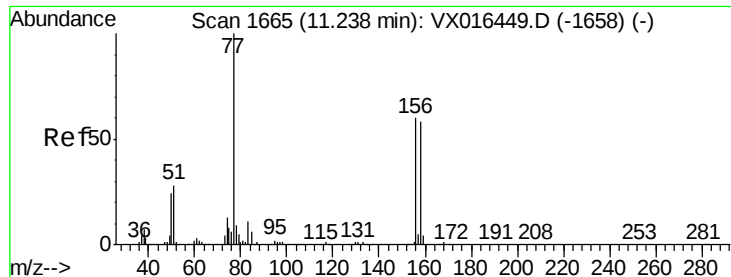
Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Tgt Ion:	75	Resp:	252056
Ion Ratio	Lower	Upper	
75	100		
77	42.6	21.3	63.7





#77

Bromobenzene

Concen: 51.038 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :

MSVOA_X

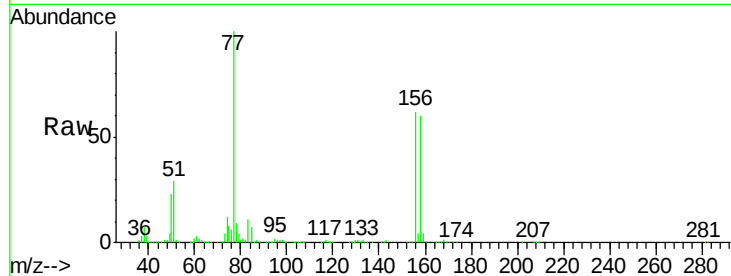
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	200338
Ion Ratio	Lower	Upper	
156	100		
77	159.1	79.6	238.8
158	97.2	48.1	144.4

Manual Integrations
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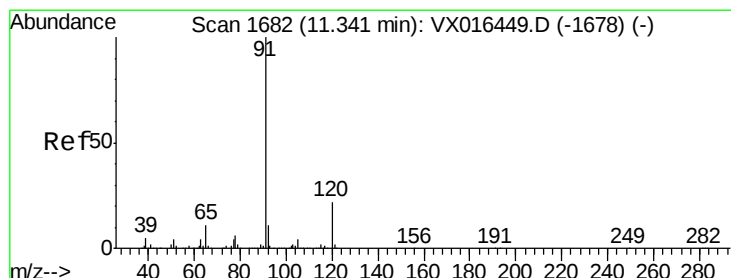
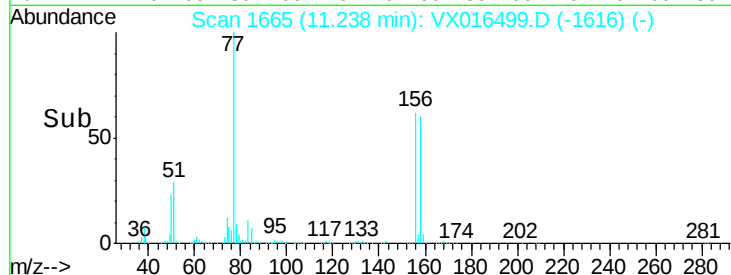
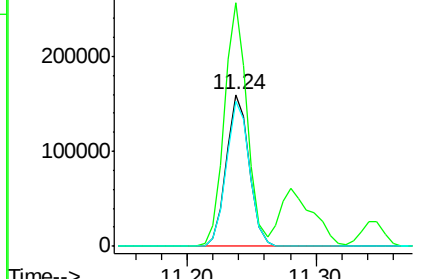
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.721 ug/l

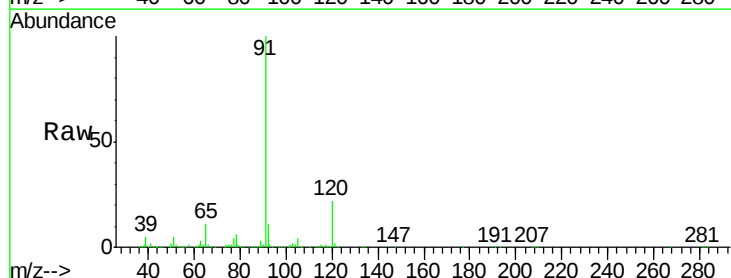
RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016499.D

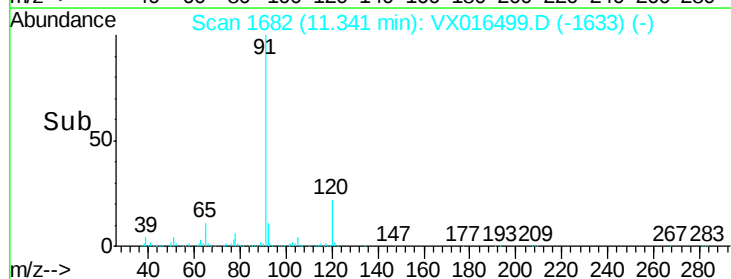
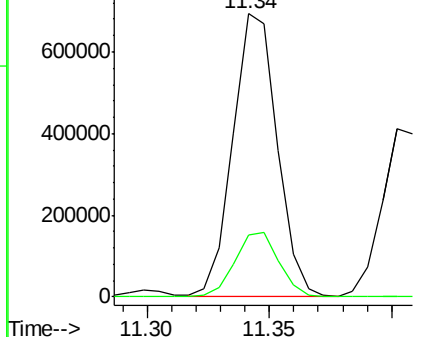
Acq: 28 May 2020 20:27

Tgt Ion:	91	Resp:	864784
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.6	34.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.403 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 524611

Ion Ratio Lower Upper

91 100

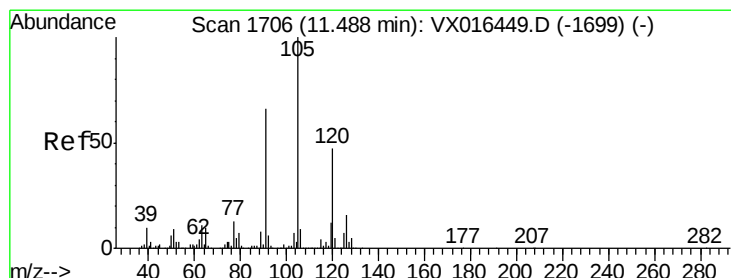
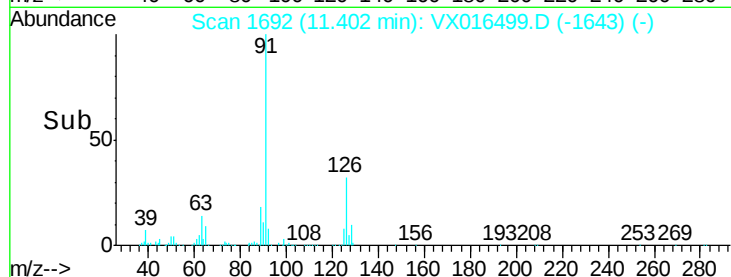
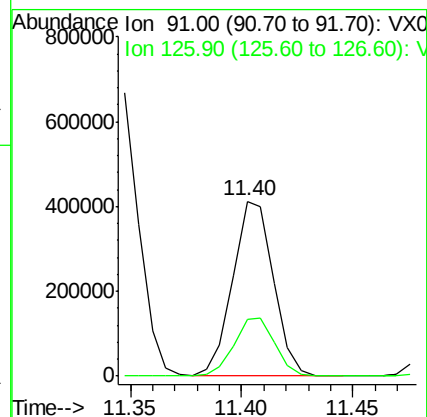
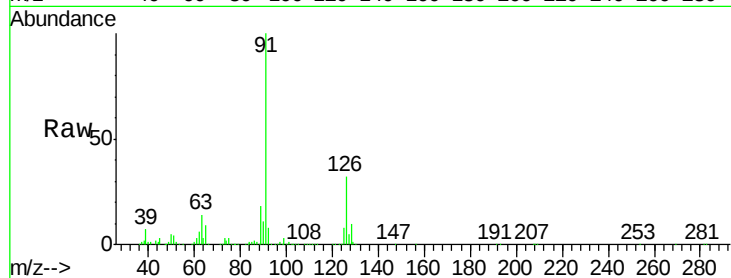
126 33.5 16.8 50.3

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#80

1,3,5-Trimethylbenzene

Concen: 51.925 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016499.D

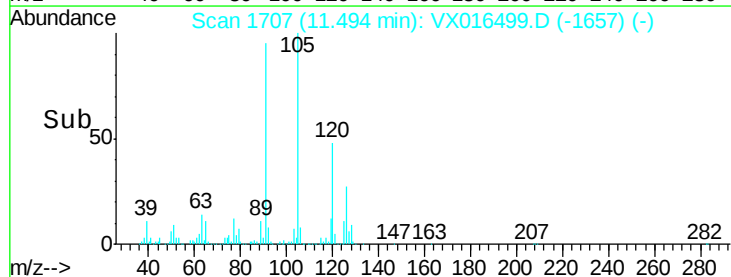
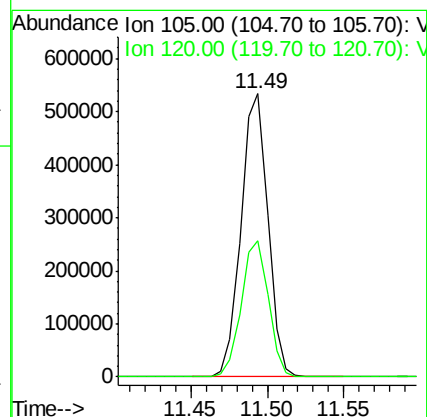
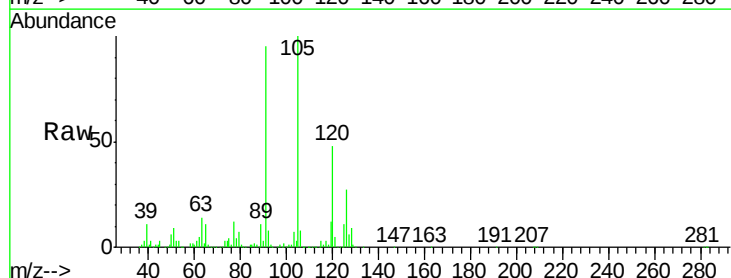
Acq: 28 May 2020 20:27

Tgt Ion: 105 Resp: 648860

Ion Ratio Lower Upper

105 100

120 48.5 24.3 72.8





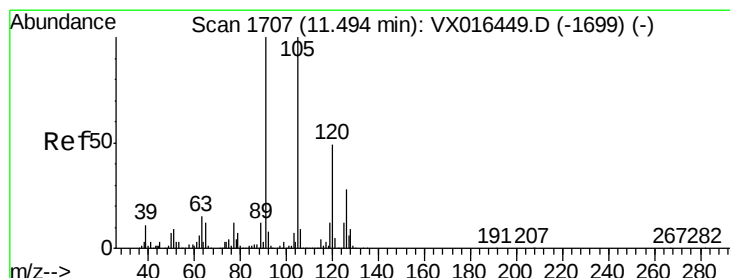
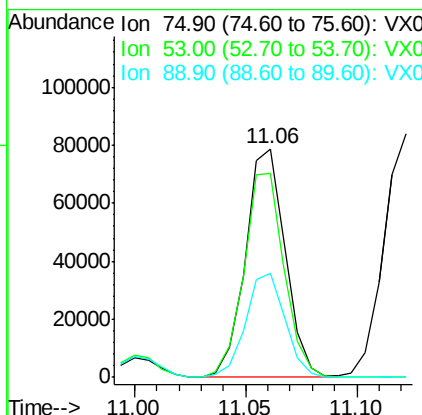
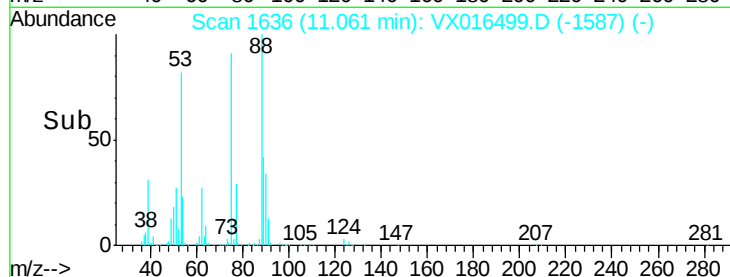
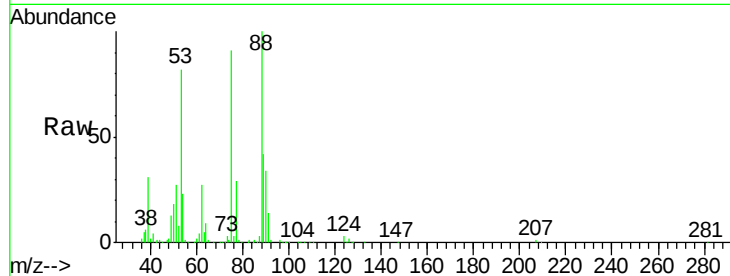
#81
trans-1,4-Dichloro-2-butene
Concen: 50.562 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.9	71.3	106.9
89	45.7	36.6	55.0

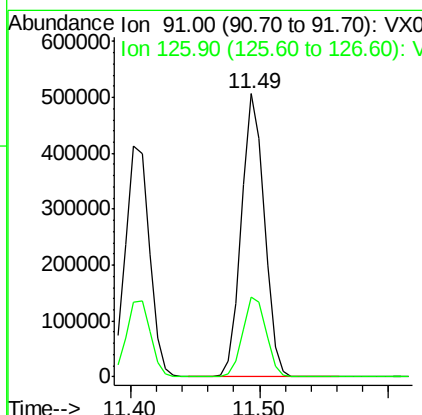
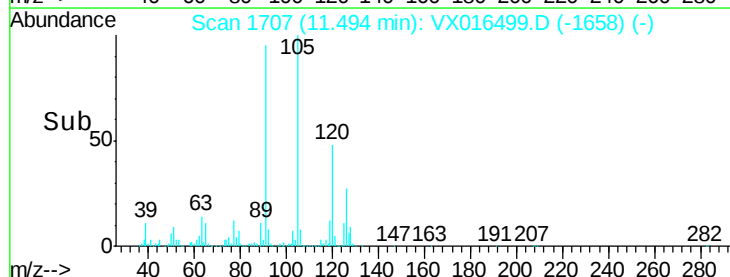
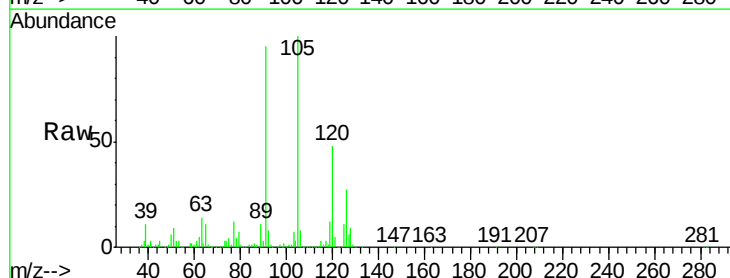
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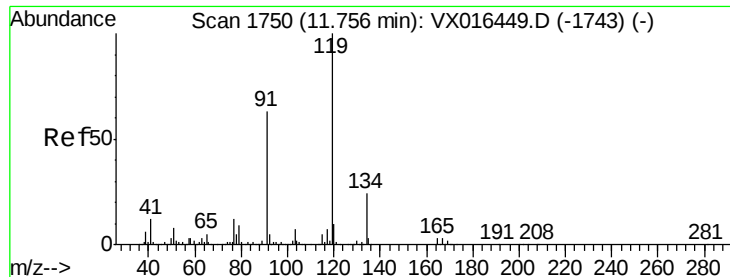
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#82
4-Chlorotoluene
Concen: 51.823 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.9	14.7	44.1





#83

tert-Butylbenzene

Concen: 53.125 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Instrument :

MSVOA_X

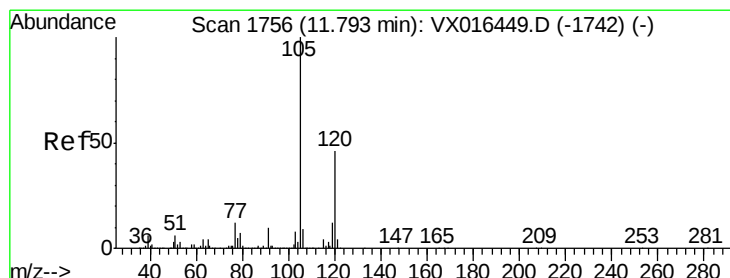
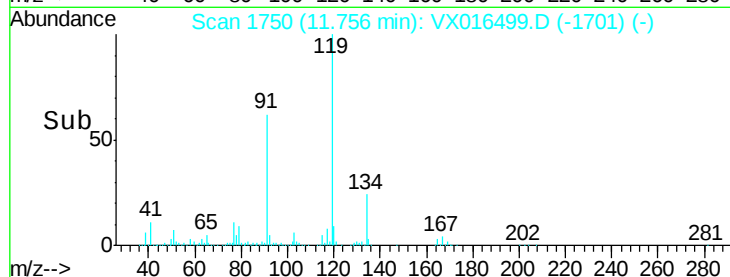
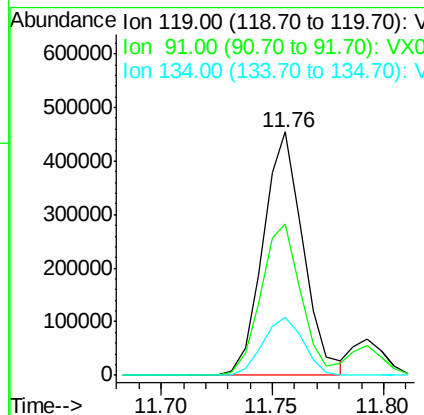
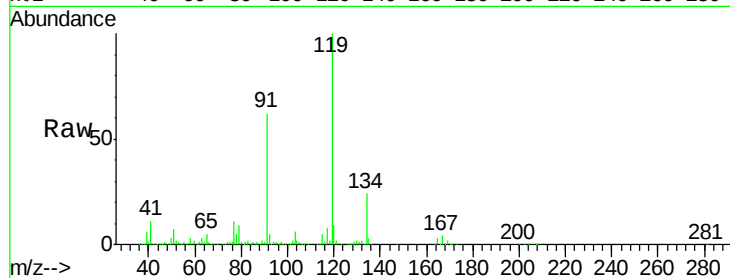
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	567244
Ion Ratio	Lower	Upper	
119	100		
91	61.9	31.3	93.8
134	24.1	12.0	36.0

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#84

1,2,4-Trimethylbenzene

Concen: 51.804 ug/l

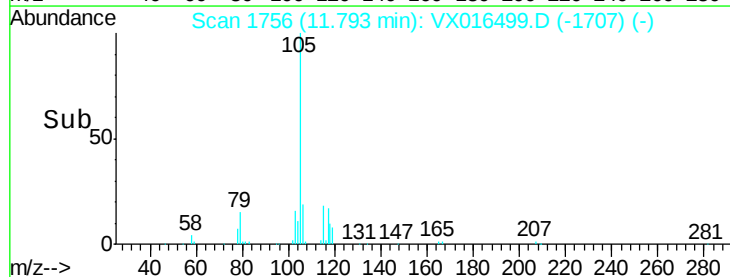
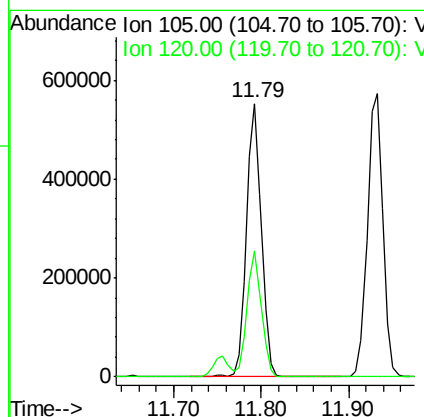
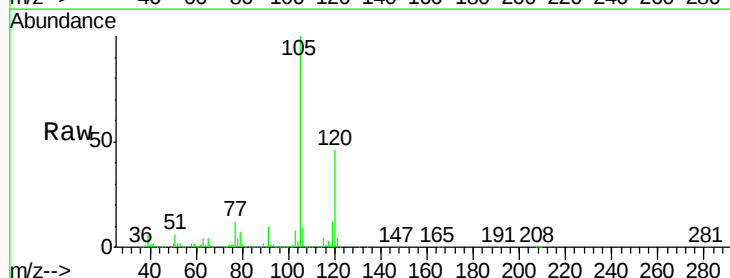
RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016499.D

Acq: 28 May 2020 20:27

Tgt Ion:	105	Resp:	654676
Ion Ratio	Lower	Upper	
105	100		
120	44.9	22.6	67.7





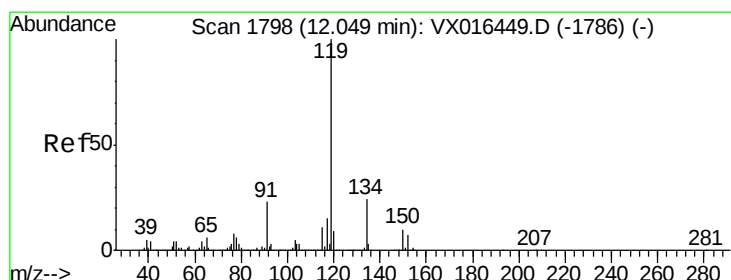
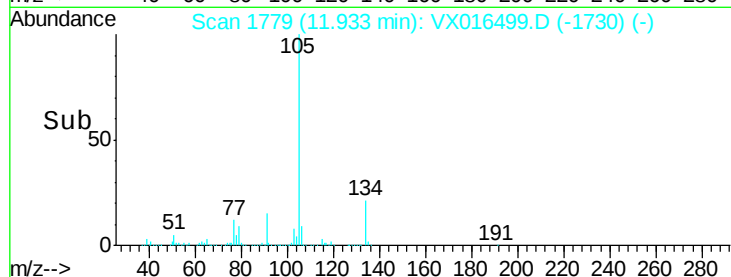
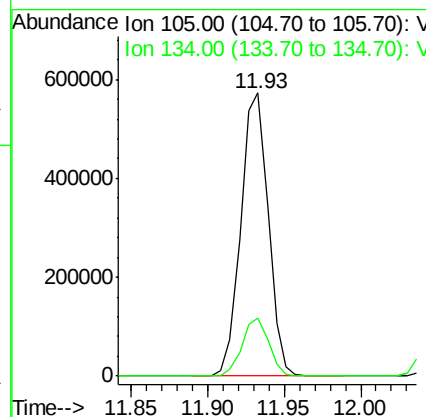
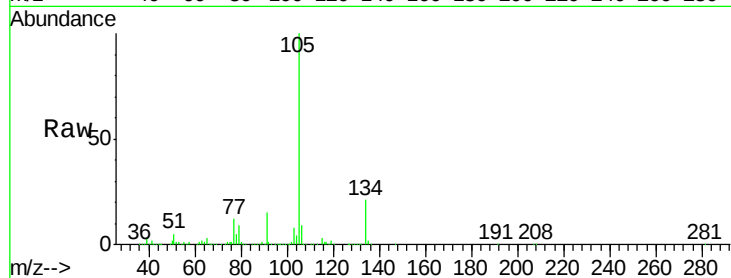
#85
 sec-Butylbenzene
 Concen: 52.969 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016499.D
 Acq: 28 May 2020 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
105	100	709491		
134	20.1	10.1	30.3	

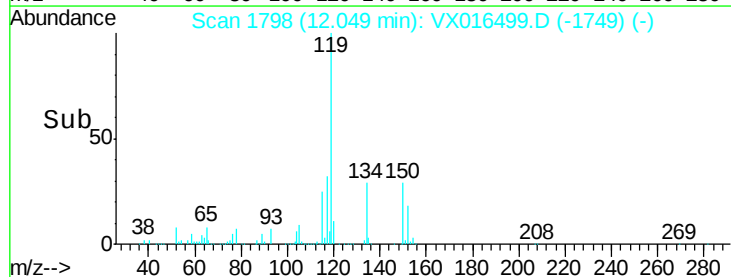
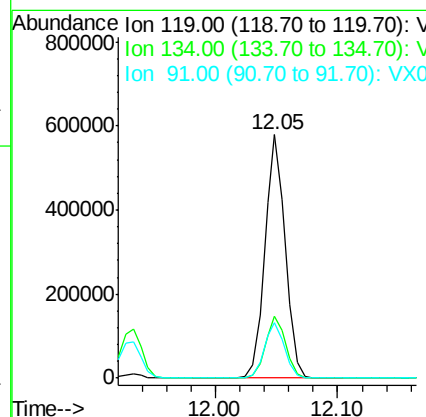
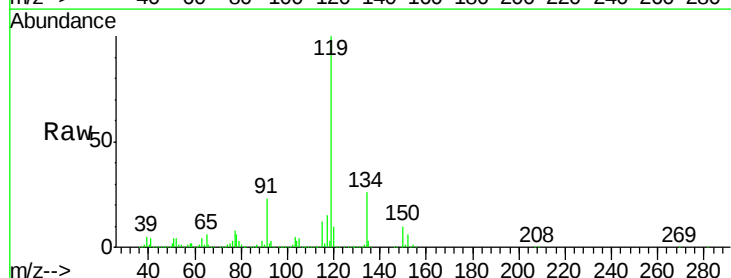
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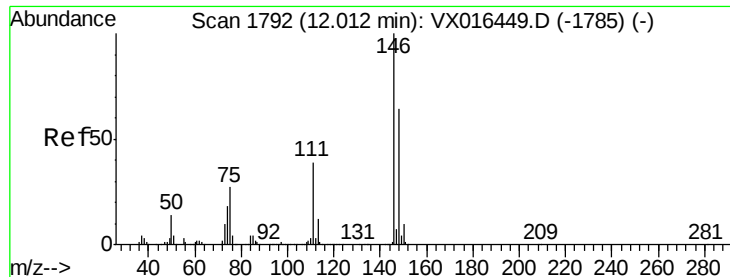
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#86
 p-Isopropyltoluene
 Concen: 53.368 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016499.D
 Acq: 28 May 2020 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	669614		
134	25.5	12.7	38.0	
91	22.8	11.7	35.0	





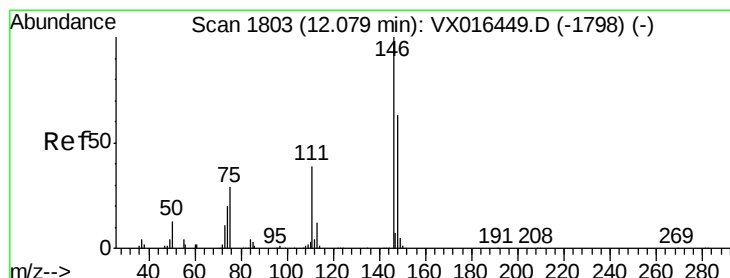
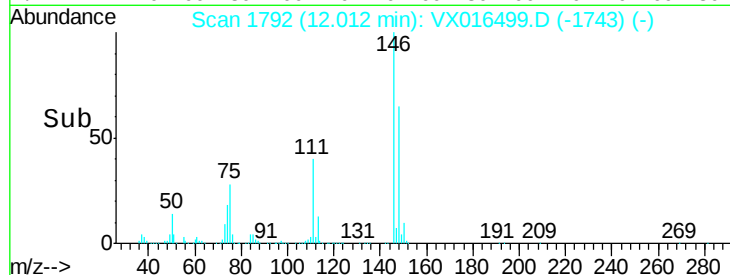
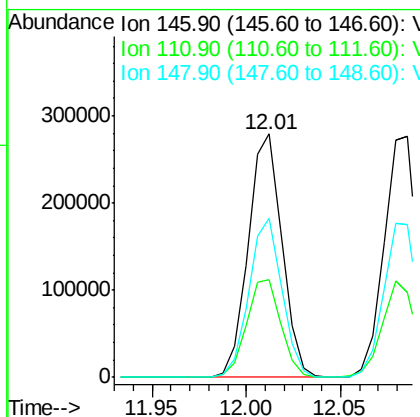
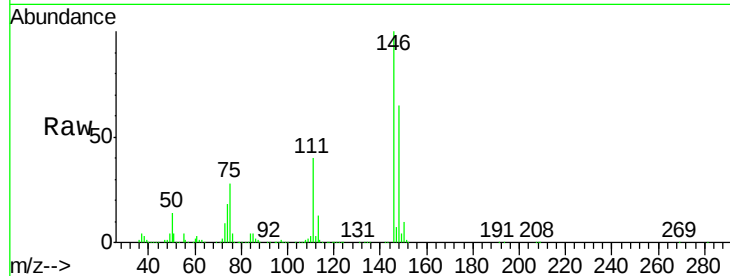
#87
 1,3-Dichlorobenzene
 Concen: 50.834 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016499.D
 Acq: 28 May 2020 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	345693		
111	41.0	20.0	60.0	
148	64.0	31.9	95.5	

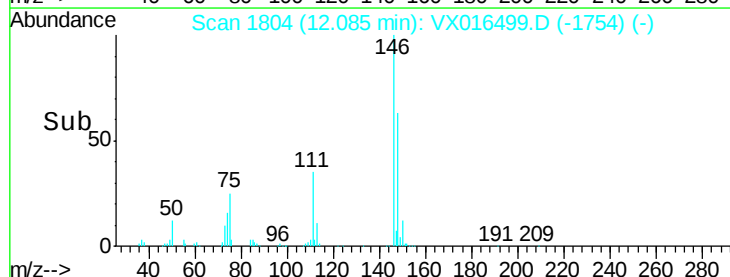
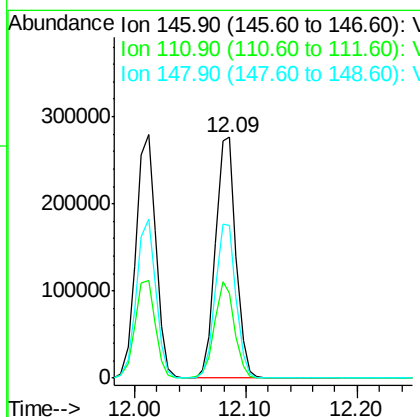
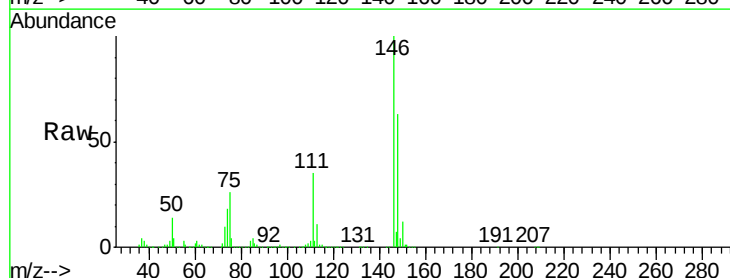
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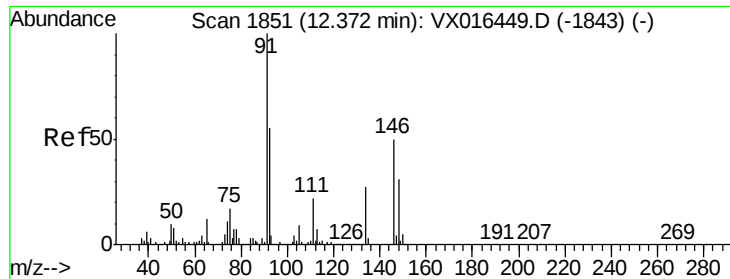
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#88
 1,4-Dichlorobenzene
 Concen: 50.241 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX016499.D
 Acq: 28 May 2020 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	349430		
111	39.1	19.4	58.2	
148	64.7	31.4	94.3	





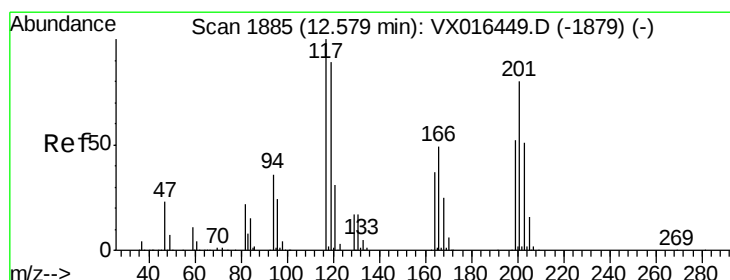
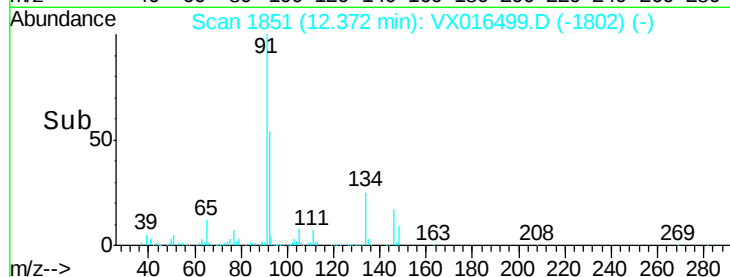
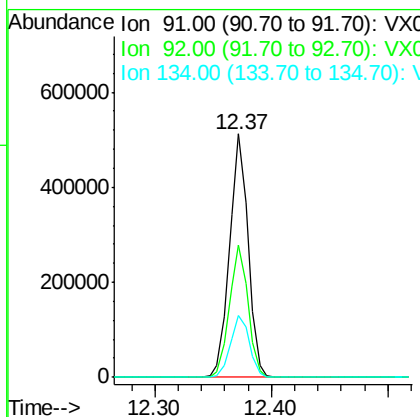
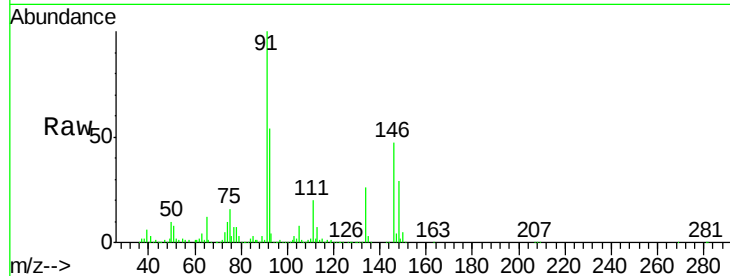
#89
n-Butylbenzene
Concen: 54.230 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.2	81.5
134	26.1	13.1	39.3

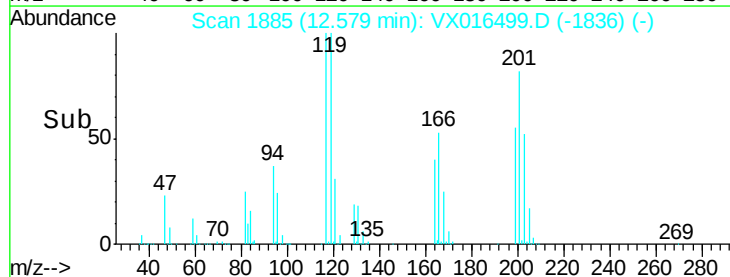
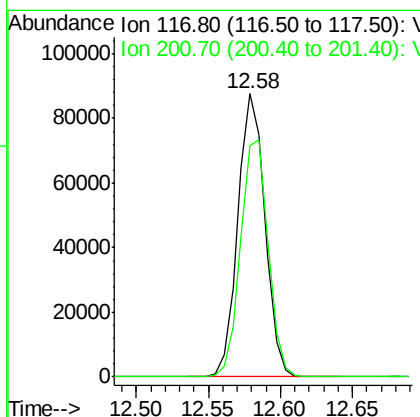
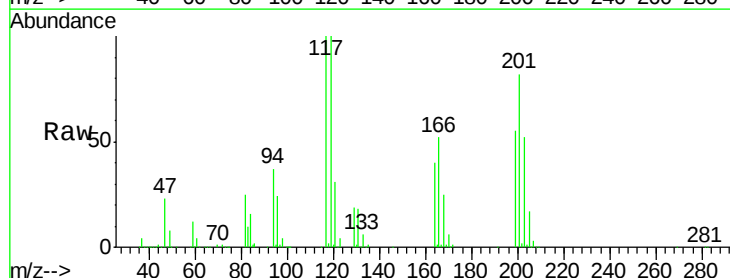
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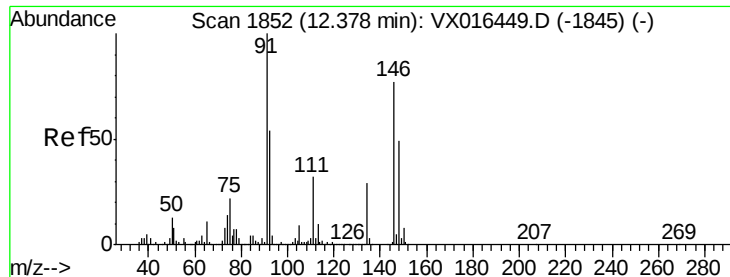
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#90
Hexachloroethane
Concen: 52.935 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.9	43.1	129.3





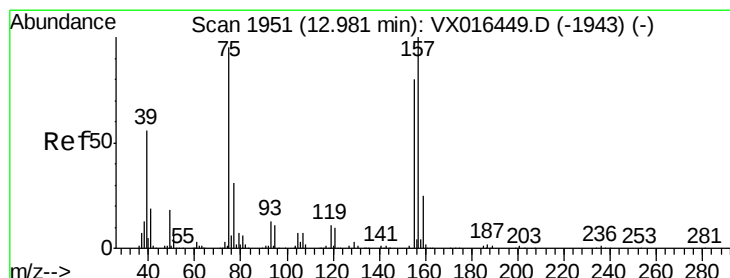
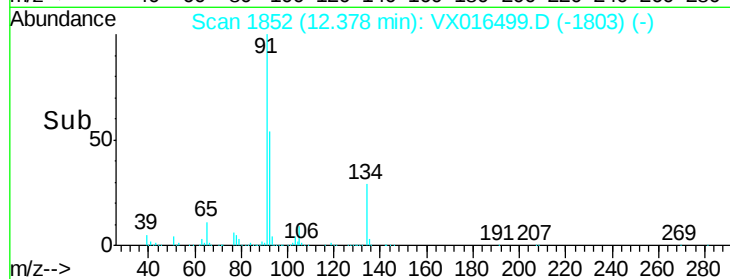
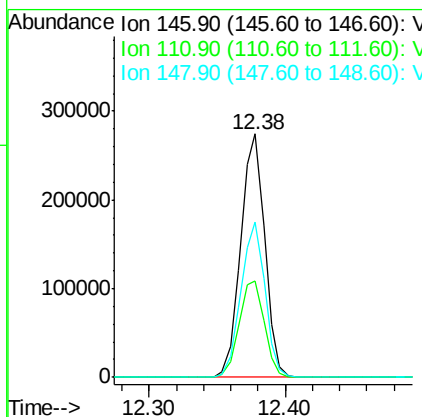
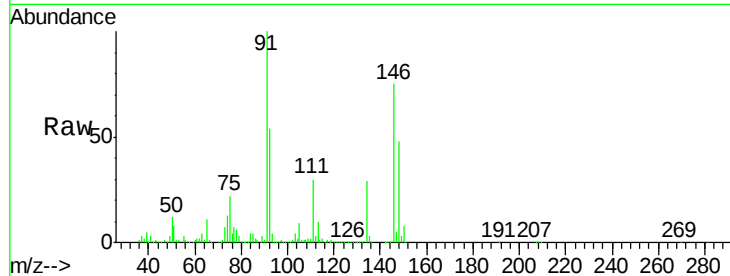
#91
 1,2-Dichlorobenzene
 Concen: 51.185 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016499.D
 Acq: 28 May 2020 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	337237		
111	41.6	21.4	64.3	
148	63.8	31.9	95.7	

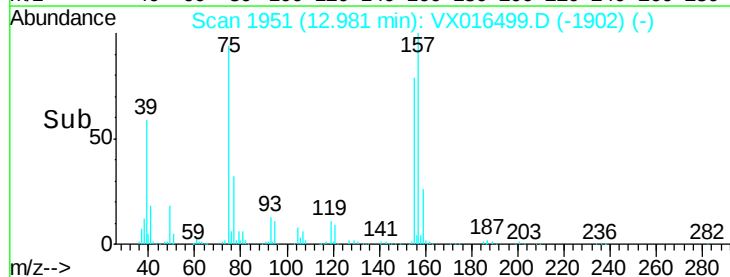
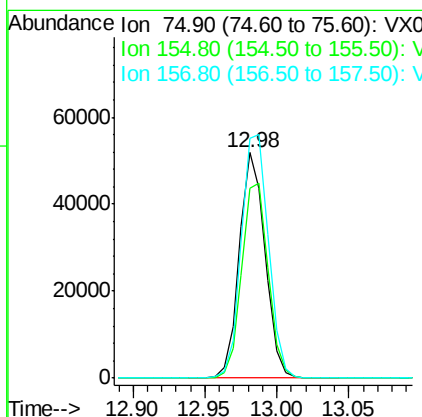
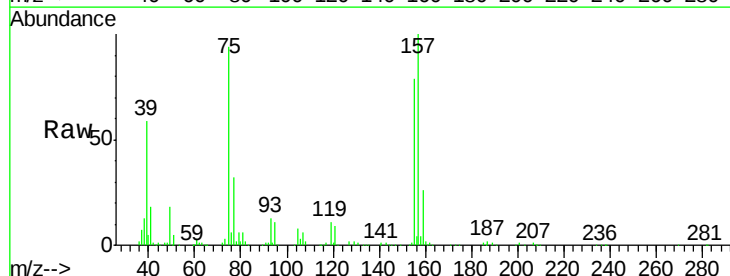
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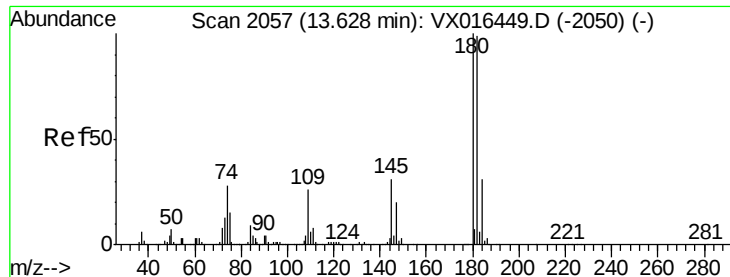
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.902 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016499.D
 Acq: 28 May 2020 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	64270		
155	89.0	44.1	132.4	
157	113.8	57.8	173.3	





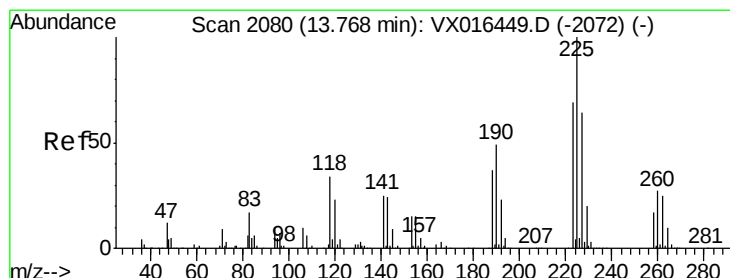
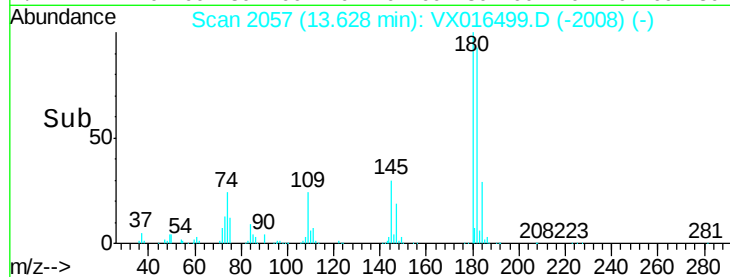
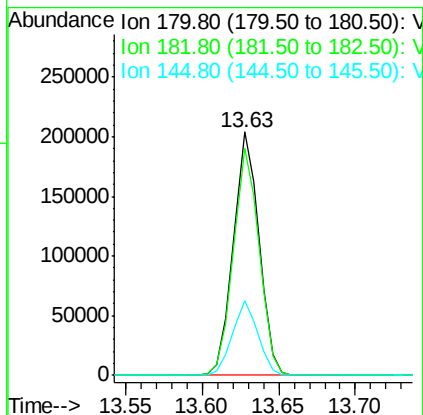
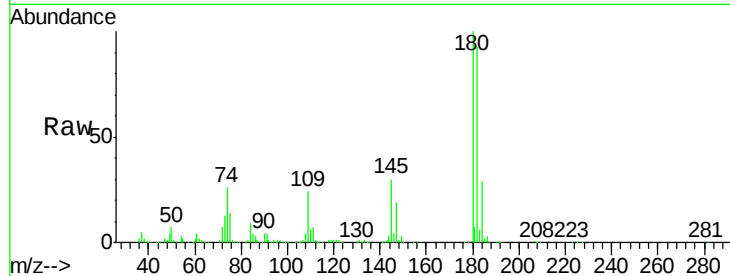
#93
 1,2,4-Trichlorobenzene
 Concen: 54.306 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016499.D
 Acq: 28 May 2020 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	237625		
182	93.7	48.3	144.8	
145	30.2	15.4	46.2	

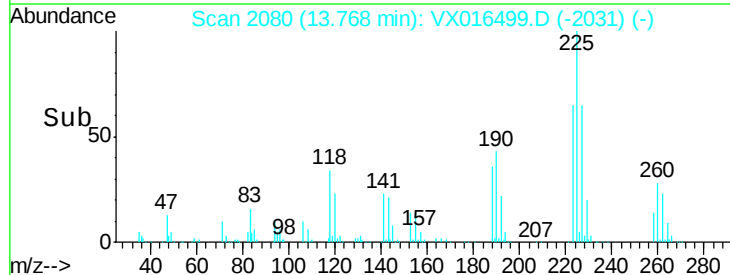
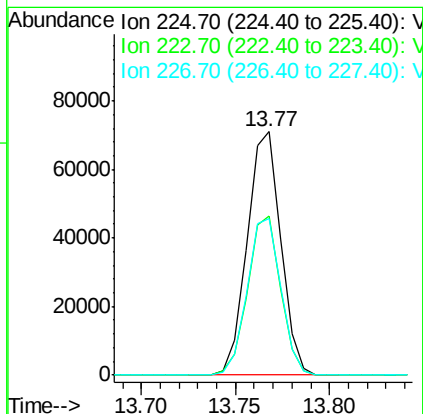
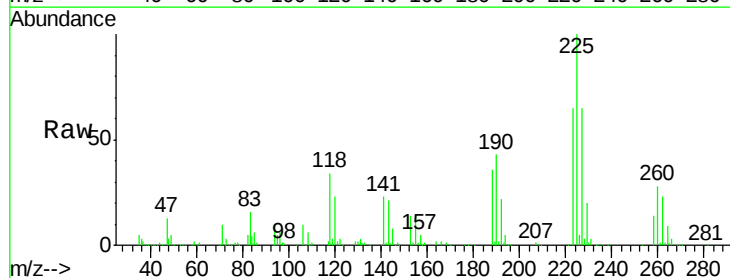
Manual Integrations
 APPROVED

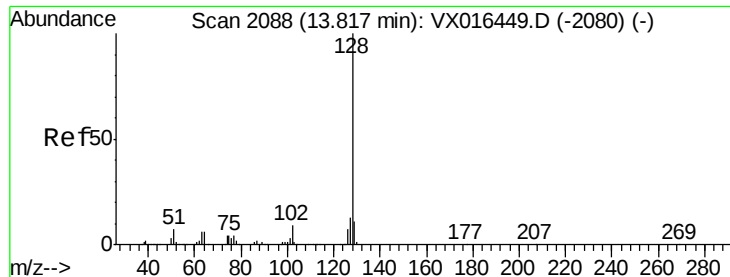
MMDadoda
 5/29/2020 10:57:55 AM



#94
 Hexachlorobutadiene
 Concen: 51.059 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX016499.D
 Acq: 28 May 2020 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	87720		
223	64.2	32.3	96.8	
227	64.6	31.6	94.7	





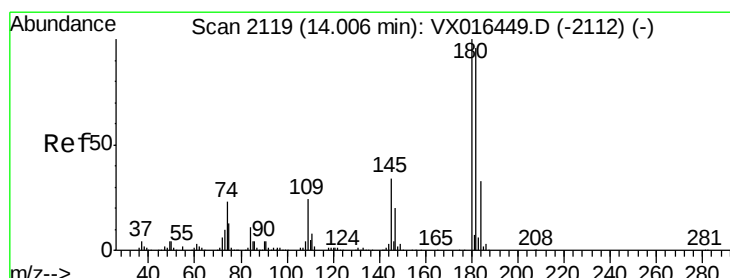
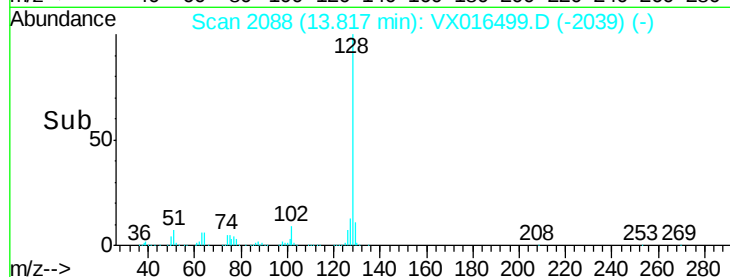
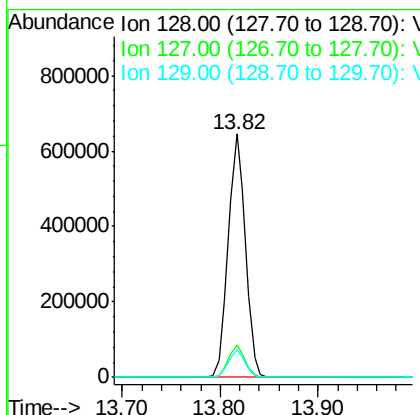
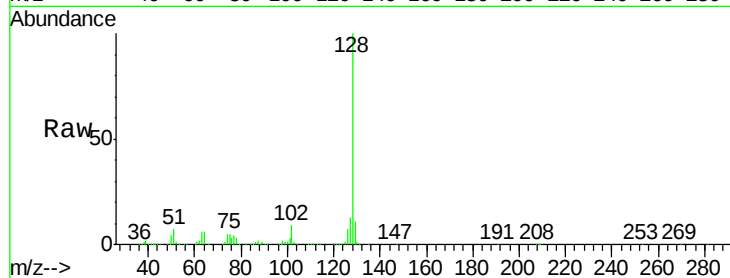
#95
Naphthalene
Concen: 52.481 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	15.8
129	11.0	8.6	13.0

Manual Integrations
APPROVED

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5/29/2020 10:57:55 AM



#96
1,2,3-Trichlorobenzene
Concen: 53.342 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016499.D
Acq: 28 May 2020 20:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.6	145.8
145	32.2	16.6	49.8

