

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO050120\
 Data File : VX016025.D
 Acq On : 01 May 2020 20:26
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/4/2020 2:20:08 PM

Quant Time: May 02 08:13:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	281169	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	465825	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	437508	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	222347	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	178943	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
35) Dibromofluoromethane	5.47	113	138033	47.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.00%	
50) Toluene-d8	8.70	98	523603	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
62) 4-Bromofluorobenzene	11.12	95	205414	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	130543	51.884	ug/l	97
3) Chloromethane	1.31	50	156202	51.226	ug/l	99
4) Vinyl Chloride	1.39	62	183137	52.885	ug/l	99
5) Bromomethane	1.62	94	92911	39.965	ug/l	99
6) Chloroethane	1.70	64	113450	49.252	ug/l	98
7) Trichlorofluoromethane	1.91	101	239326	45.723	ug/l	99
8) Diethyl Ether	2.17	74	104676	47.903	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	136965	52.496	ug/l	98
10) Methyl Iodide	2.49	142	189950	52.190	ug/l	98
11) Tert butyl alcohol	3.02	59	238353	267.103	ug/l	100
12) 1,1-Dichloroethene	2.36	96	141131	52.462	ug/l	100
13) Acrolein	2.27	56	77771	346.790	ug/l	98
14) Allyl chloride	2.71	41	261714	53.953	ug/l	96
15) Acrylonitrile	3.12	53	494853	279.676	ug/l	100
16) Acetone	2.42	43	424763	270.205	ug/l	99
17) Carbon Disulfide	2.55	76	403368	51.404	ug/l	100
18) Methyl Acetate	2.75	43	245995	55.145	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	524267	53.883	ug/l	99
20) Methylene Chloride	2.84	84	162076	52.082	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	152906	50.434	ug/l	98
22) Diisopropyl ether	3.82	45	520506	54.579	ug/l	99
23) Vinyl Acetate	3.79	43	2256579	272.392	ug/l	100
24) 1,1-Dichloroethane	3.67	63	288531	54.311	ug/l	99
25) 2-Butanone	4.64	43	696674	273.484	ug/l	99
26) 2,2-Dichloropropane	4.55	77	230792	47.513	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	178137	51.777	ug/l	100
28) Bromochloromethane	4.98	49	135816	52.830	ug/l	97
29) Tetrahydrofuran	5.09	42	455575	272.888	ug/l	99
30) Chloroform	5.18	83	286517	51.865	ug/l	99
31) Cyclohexane	5.55	56	255642	54.053	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	261049	51.324	ug/l	99
36) 1,1-Dichloropropene	5.77	75	215574	48.589	ug/l	99
37) Ethyl Acetate	4.80	43	266606	52.405	ug/l	99
38) Carbon Tetrachloride	5.76	117	229200	48.909	ug/l	99

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Manual Integrations
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 5/4/2020 2:20:08 PM

Quant Time: May 02 08:13:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	256503	49.981	ug/l	98
40) Benzene	6.12	78	643735	50.851	ug/l	100
41) Methacrylonitrile	5.01	41	140953	51.761	ug/l	99
42) 1,2-Dichloroethane	6.17	62	237933	48.508	ug/l	100
43) Isopropyl Acetate	6.42	43	424932	50.440	ug/l	99
44) Trichloroethene	7.19	130	212140	46.492	ug/l	98
45) 1,2-Dichloropropane	7.49	63	168289	51.438	ug/l	99
46) Dibromomethane	7.64	93	113352	48.759	ug/l	100
47) Bromodichloromethane	7.88	83	235874	51.058	ug/l	99
48) Methyl methacrylate	7.75	41	202252	51.998	ug/l	97
49) 1,4-Dioxane	7.71	88	92429	1010.115	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1338284	261.893	ug/l	98
52) Toluene	8.77	92	407768	50.745	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	270803	49.403	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	279222	49.528	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	165855	51.648	ug/l	99
56) Ethyl methacrylate	9.16	69	275377	52.738	ug/l	95
57) 1,3-Dichloropropane	9.35	76	284099	51.491	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	696609	258.163	ug/l	99
59) 2-Hexanone	9.48	43	1050886	263.147	ug/l	98
60) Dibromochloromethane	9.57	129	183828	51.145	ug/l	99
61) 1,2-Dibromoethane	9.65	107	178341	51.214	ug/l	100
64) Tetrachloroethene	9.32	164	241036	46.441	ug/l	98
65) Chlorobenzene	10.12	112	436692	49.006	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	166584	49.462	ug/l	99
67) Ethyl Benzene	10.24	91	785447	49.495	ug/l	100
68) m/p-Xylenes	10.34	106	593226	98.517	ug/l	99
69) o-Xylene	10.68	106	286119	50.046	ug/l	98
70) Styrene	10.70	104	501406	51.113	ug/l	99
71) Bromoform	10.84	173	139439	45.713	ug/l	98
73) Isopropylbenzene	11.01	105	776953	51.366	ug/l	99
74) N-amyl acetate	10.88	43	371252	50.891	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	171171	48.844	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	244677m	52.443	ug/l	
77) Bromobenzene	11.24	156	195305	50.162	ug/l	97
78) n-propylbenzene	11.35	91	894867	51.429	ug/l	99
79) 2-Chlorotoluene	11.41	91	530246	51.146	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	654963	51.404	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	100761	51.036	ug/l	96
82) 4-Chlorotoluene	11.49	91	627862	50.636	ug/l	100
83) tert-Butylbenzene	11.76	119	568575	51.753	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	660200	51.484	ug/l	100
85) sec-Butylbenzene	11.93	105	761065	51.417	ug/l	99
86) p-Isopropyltoluene	12.05	119	699228	50.433	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	341799	48.140	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	343741	47.903	ug/l	99
89) n-Butylbenzene	12.37	91	626896	50.042	ug/l	99
90) Hexachloroethane	12.58	117	124491	50.820	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	338377	49.839	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	63507	50.855	ug/l	97

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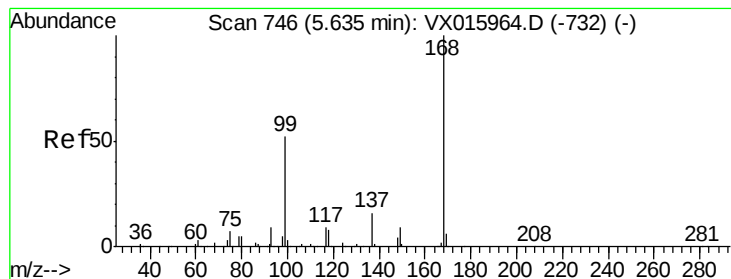
Manual Integrations
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5/4/2020 2:20:08 PM

Quant Time: May 02 08:13:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 28 17:30:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	238350	46.772	ug/l	97
94) Hexachlorobutadiene	13.77	225	109222	47.971	ug/l	95
95) Naphthalene	13.82	128	828750	51.563	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	239172	48.742	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. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 281169

Ion Ratio Lower Upper

168 100

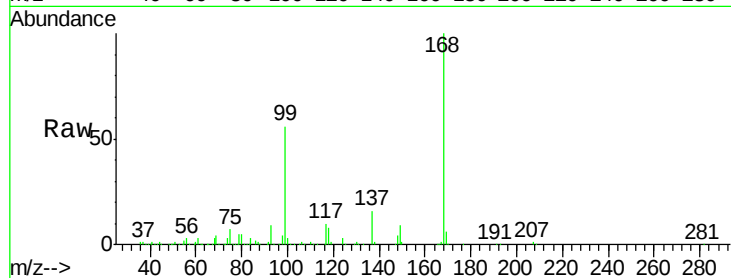
99 55.9 41.7 62.5

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

0

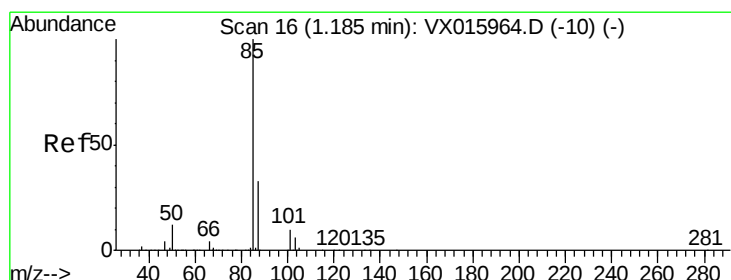
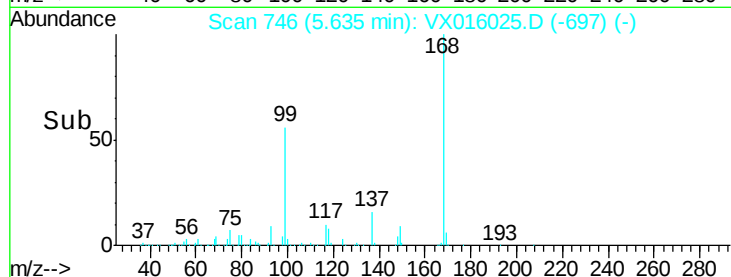
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 51.884 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016025.D

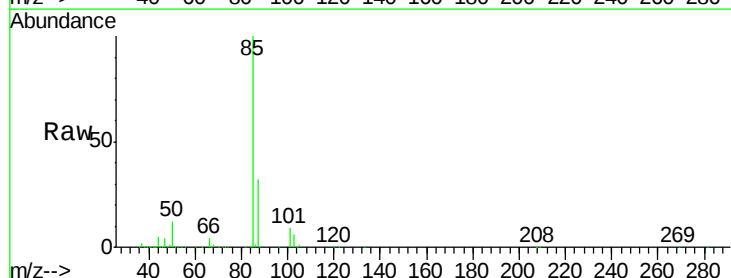
Acq: 01 May 2020 20:26

Tgt Ion: 85 Resp: 130543

Ion Ratio Lower Upper

85 100

87 31.6 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

100000

50000

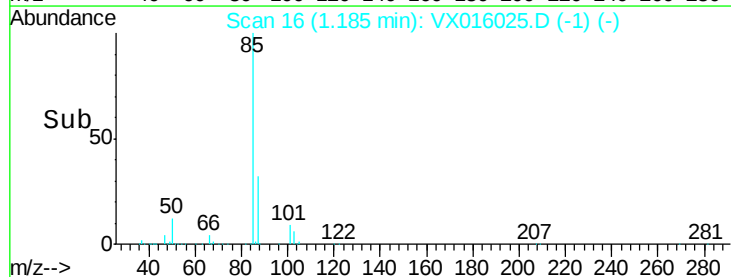
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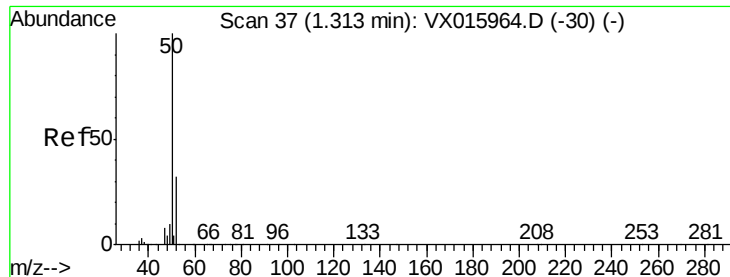
1.15

1.20

1.25

Time-->





#3

Chloromethane

Concen: 51.226 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 156202

Ion Ratio Lower Upper

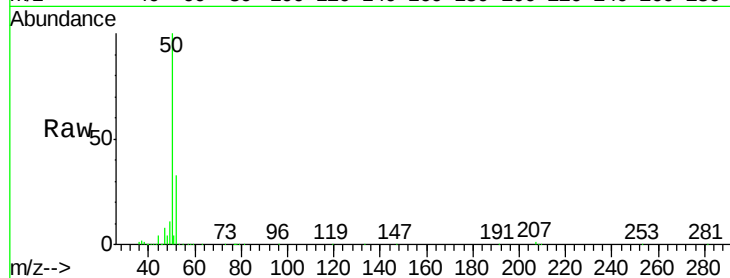
50 100

52 32.6 25.5 38.3

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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

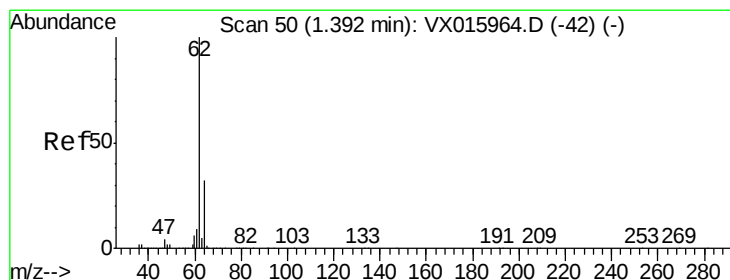
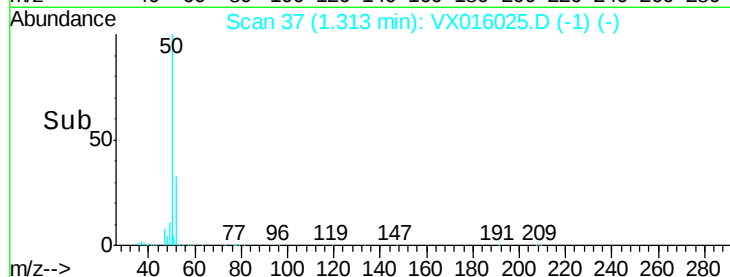
150000

100000

50000

0

Time--> 1.25 1.30 1.35



#4

Vinyl Chloride

Concen: 52.885 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016025.D

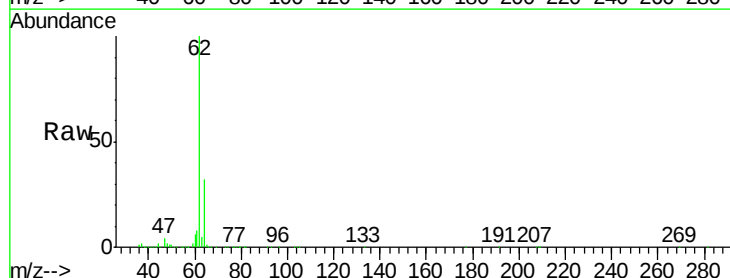
Acq: 01 May 2020 20:26

Tgt Ion: 62 Resp: 183137

Ion Ratio Lower Upper

62 100

64 31.9 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

200000

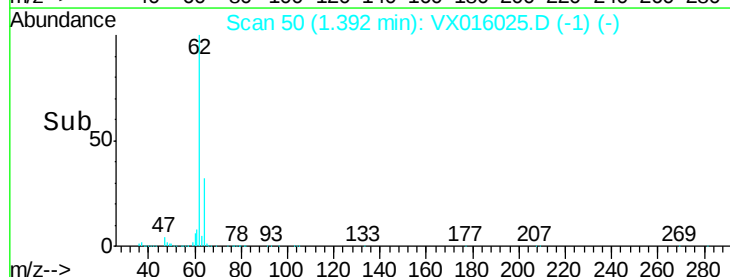
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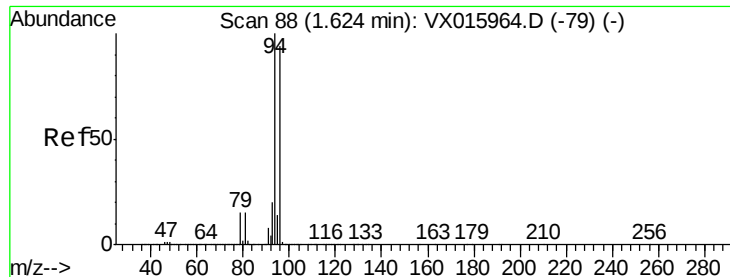
100000

50000

0

Time--> 1.30 1.40 1.50





#5

Bromomethane

Concen: 39.965 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 92911

Ion Ratio Lower Upper

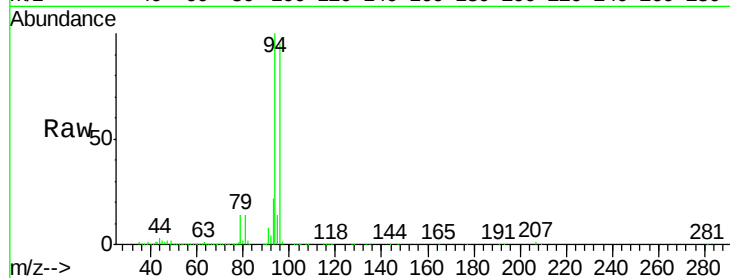
94 100

96 94.7 74.9 112.3

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

100000

80000

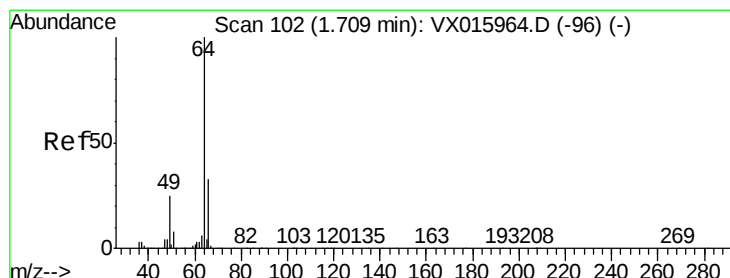
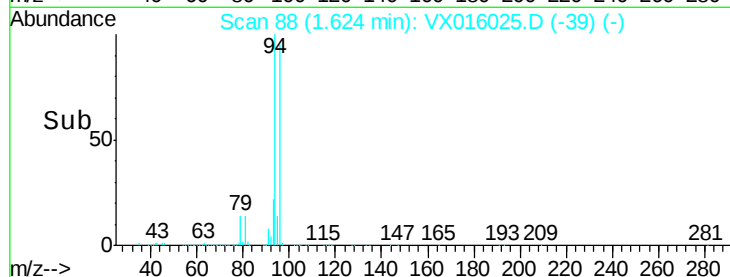
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 49.252 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX016025.D

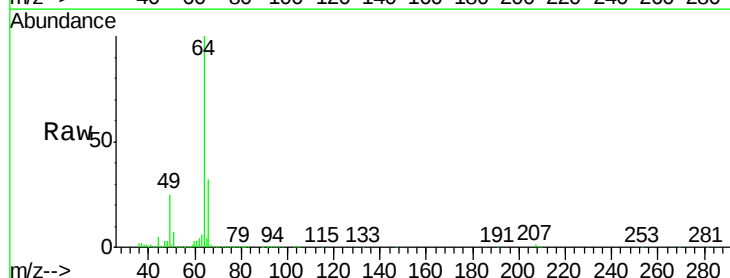
Acq: 01 May 2020 20:26

Tgt Ion: 64 Resp: 113450

Ion Ratio Lower Upper

64 100

66 31.8 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

100000

80000

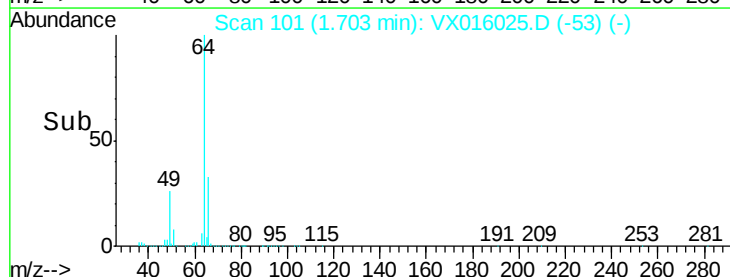
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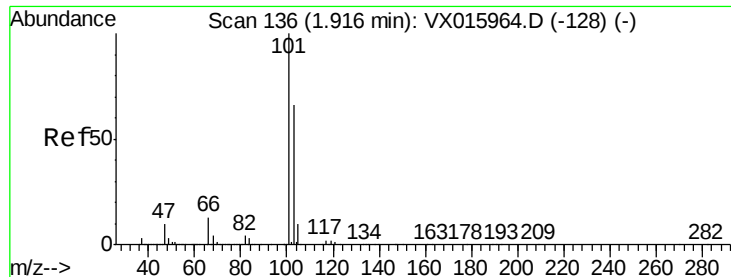
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20000

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Time-->





#7

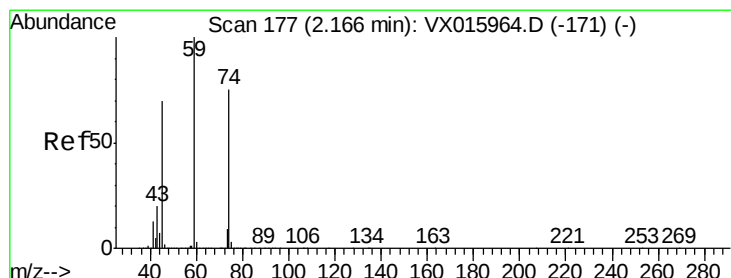
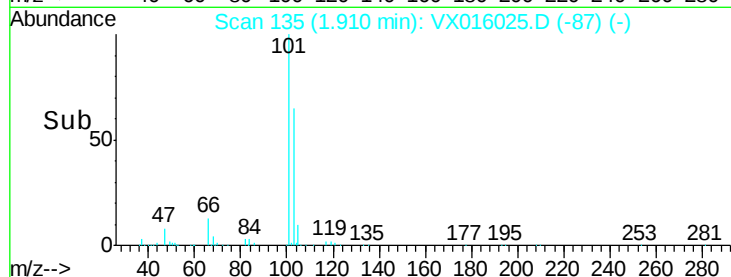
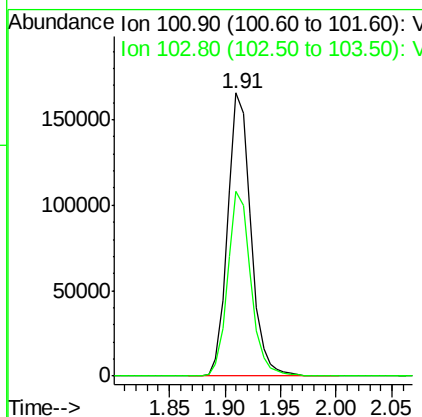
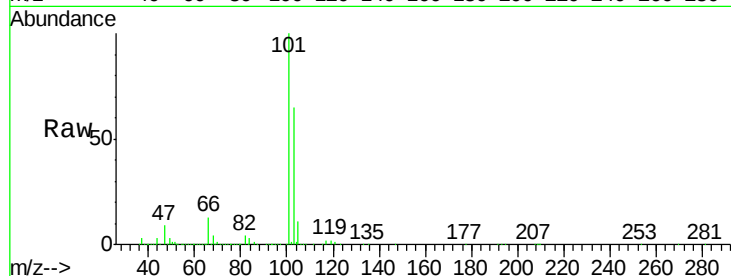
Trichlorofluoromethane
 Concen: 45.723 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.01 min
 Lab File: VX016025.D
 Acq: 01 May 2020 20:26

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	52.4	78.6

Manual Integrations
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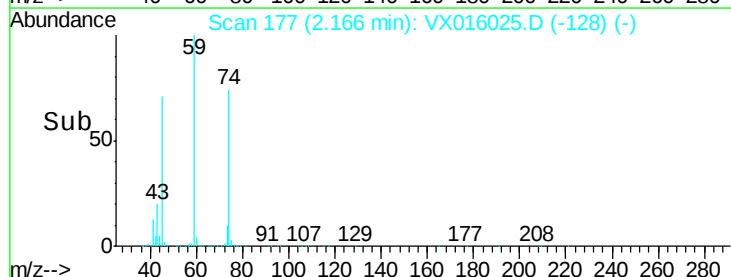
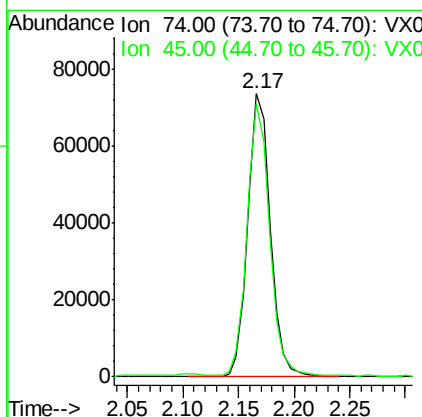
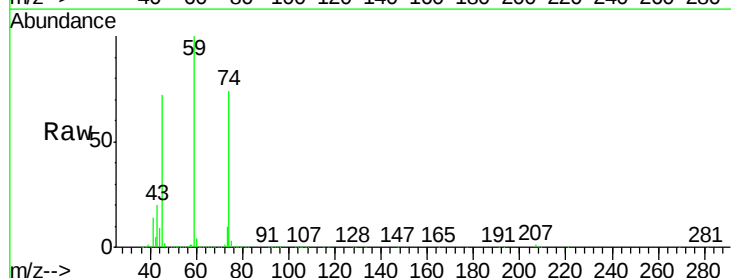
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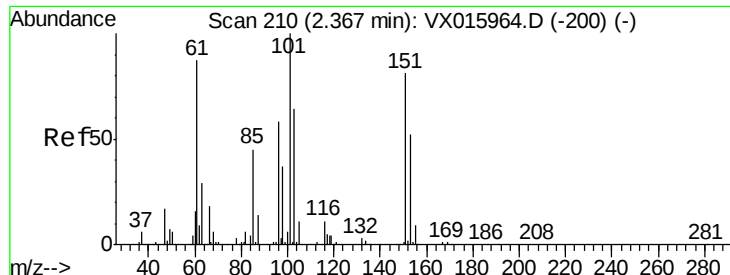


#8

Diethyl Ether
 Concen: 47.903 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX016025.D
 Acq: 01 May 2020 20:26

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.9	47.1	141.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.496 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Instrument :

MSVOA_X

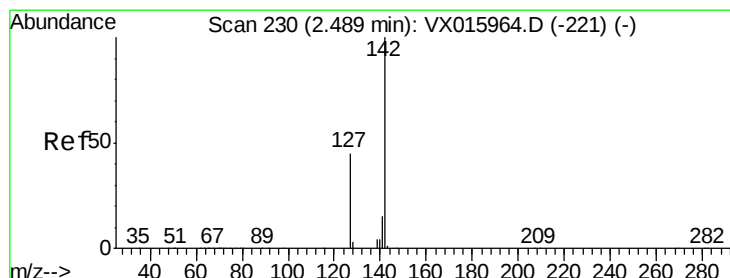
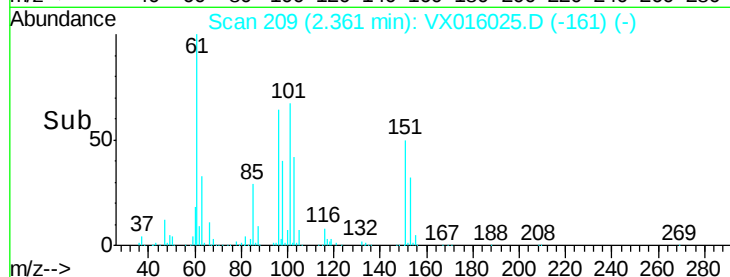
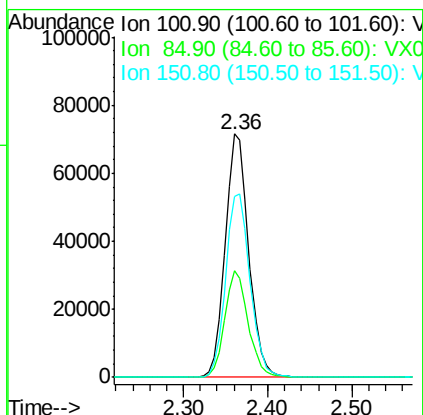
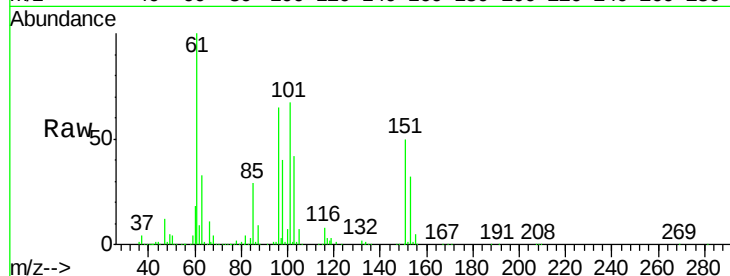
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	136965
Ion Ratio	Lower	Upper	
101	100		
85	43.5	36.3	54.5
151	78.1	63.1	94.7

Manual Integrations
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#10

Methyl Iodide

Concen: 52.190 ug/l

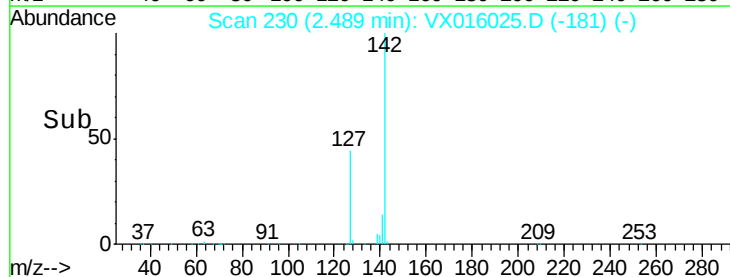
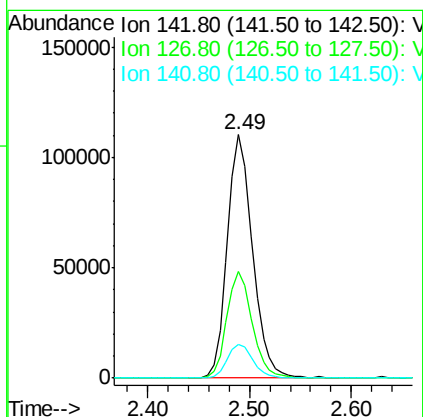
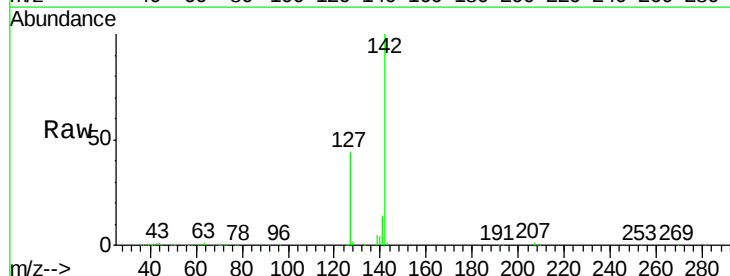
RT: 2.49 min Scan# 230

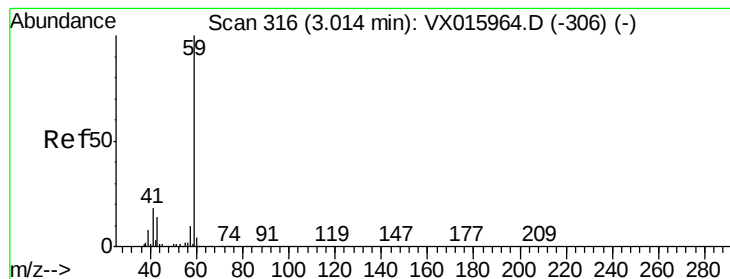
Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Tgt Ion:	142	Resp:	189950
Ion Ratio	Lower	Upper	
142	100		
127	43.8	36.5	54.7
141	14.1	11.6	17.4





#11

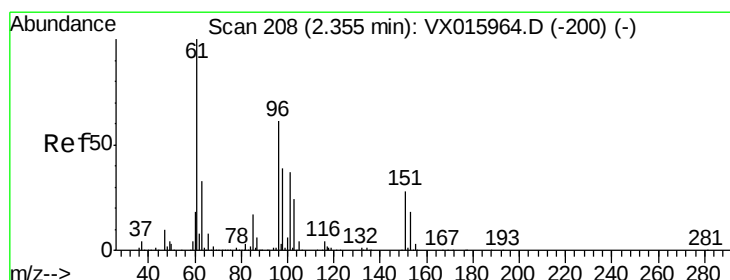
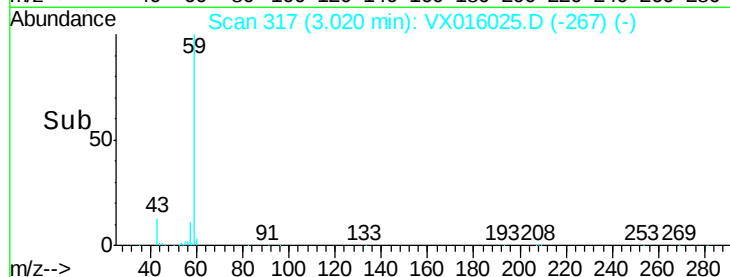
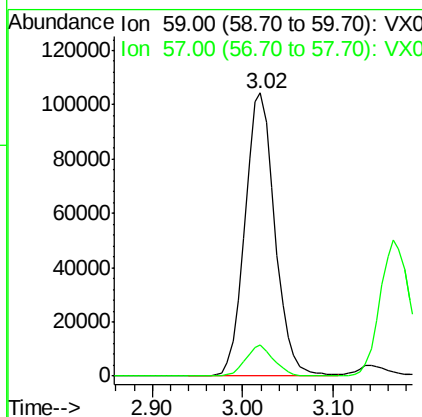
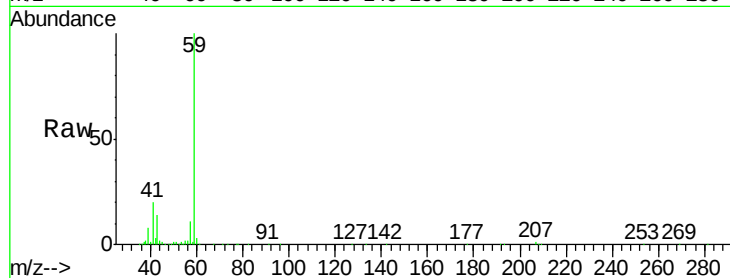
Tert butyl alcohol
Concen: 267.103 ug/l
RT: 3.02 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.3	12.5

Manual Integrations
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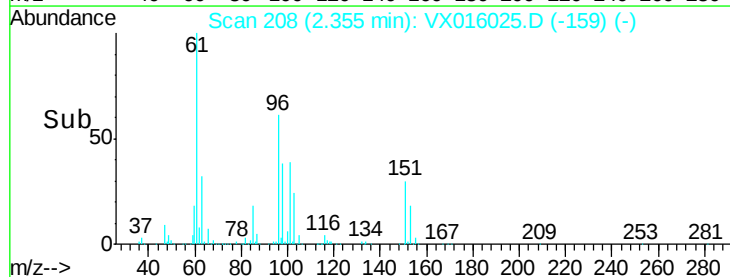
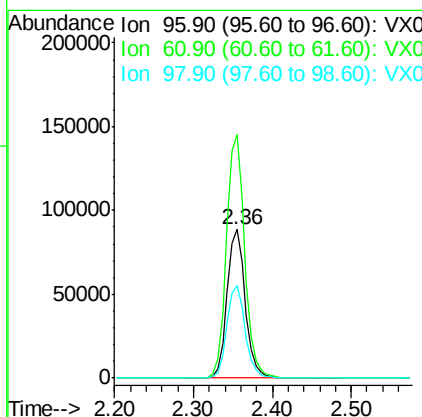
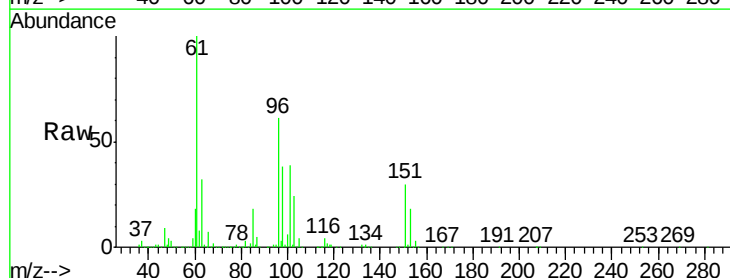
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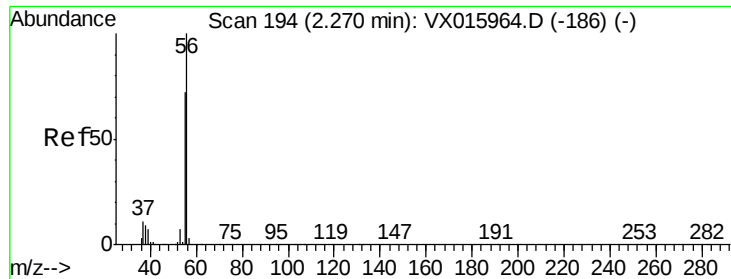


#12

1,1-Dichloroethene
Concen: 52.462 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.2	131.0	196.4
98	62.8	50.7	76.1





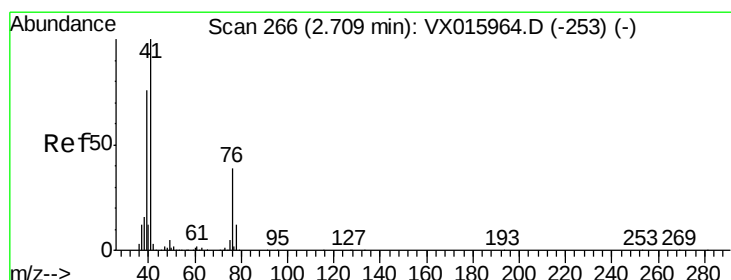
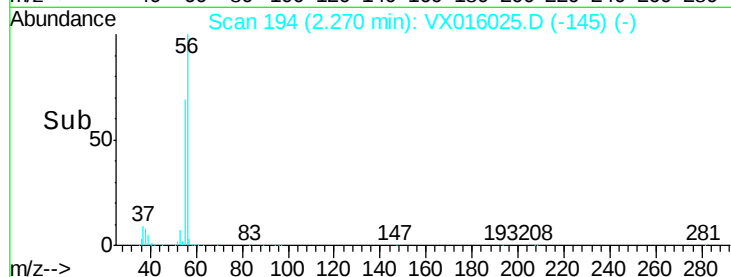
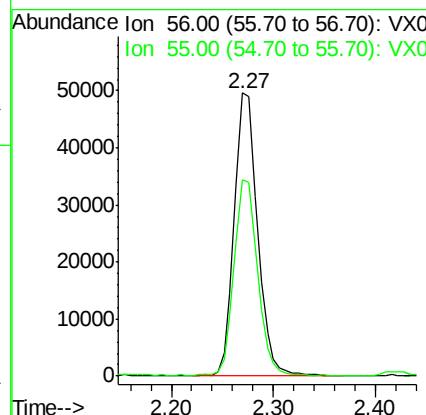
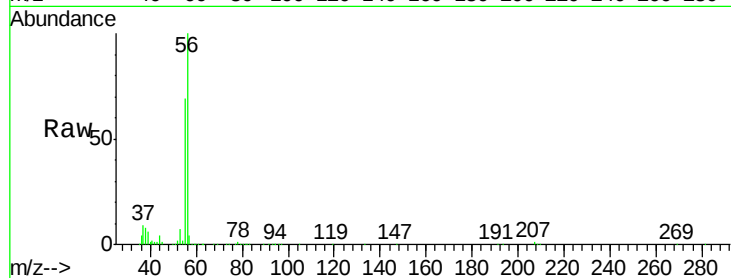
#13
Acrolein
Concen: 346.790 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.6	56.9	85.3

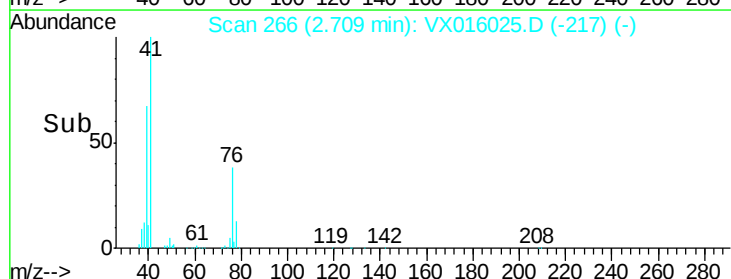
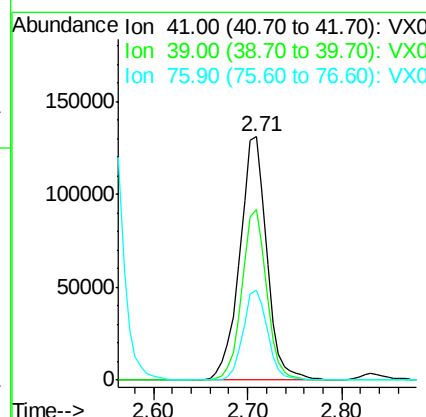
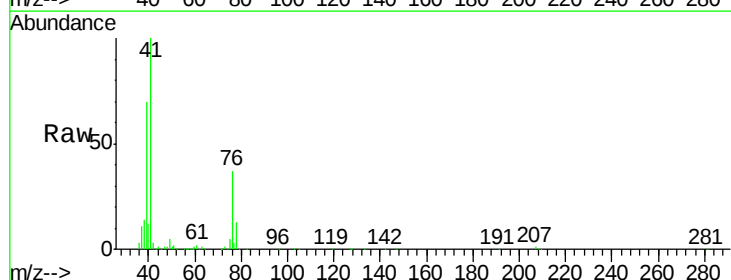
Manual Integrations
APPROVED

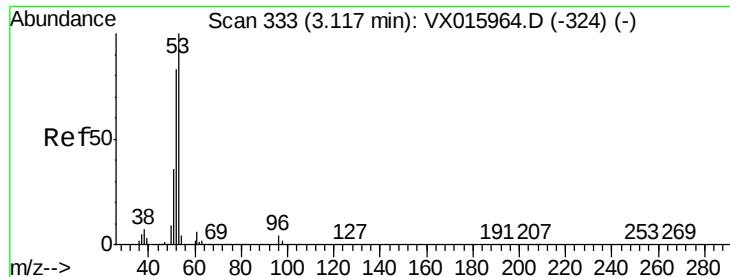
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#14
Allyl chloride
Concen: 53.953 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.1	55.4	83.0
76	33.6	27.1	40.7





#15

Acrylonitrile

Concen: 279.676 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Instrument :

MSVOA_X

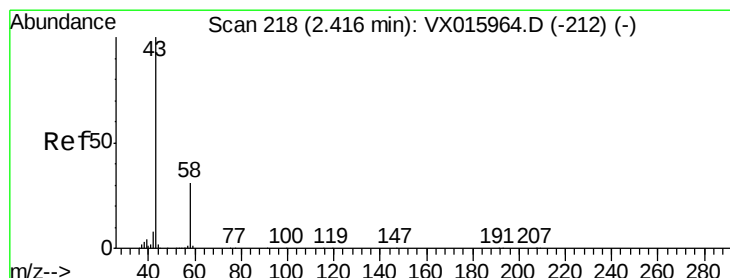
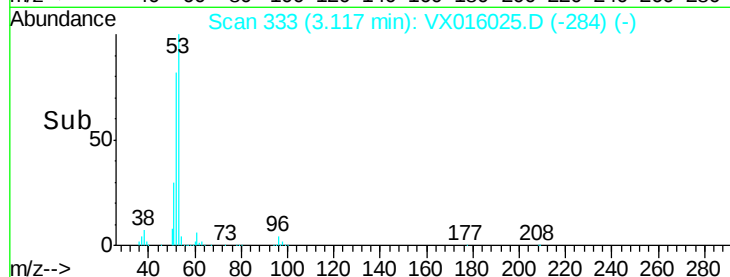
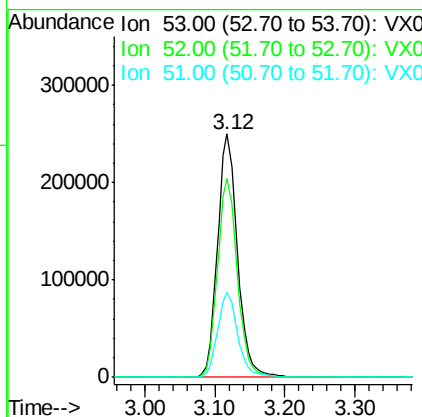
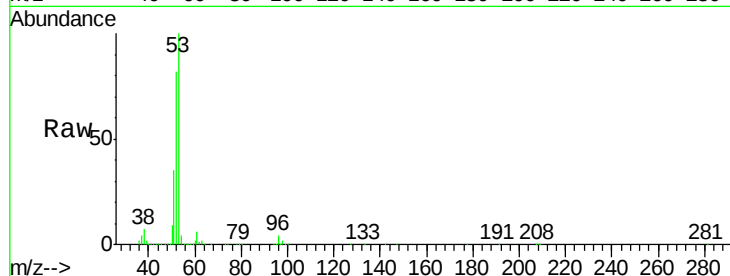
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	494853
Ion	Ratio	Lower	Upper
53	100		
52	81.7	65.5	98.3
51	35.4	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 270.205 ug/l

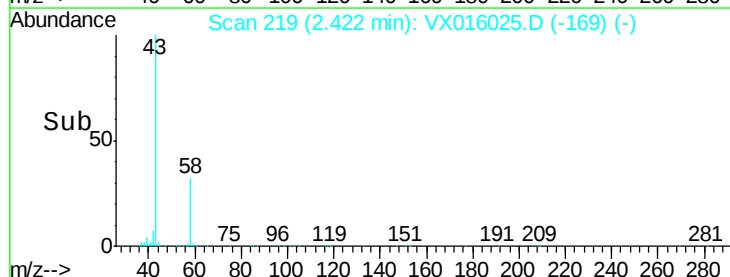
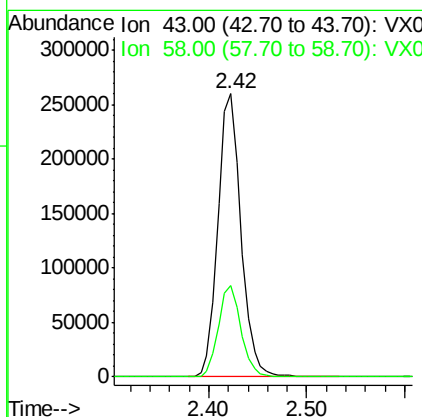
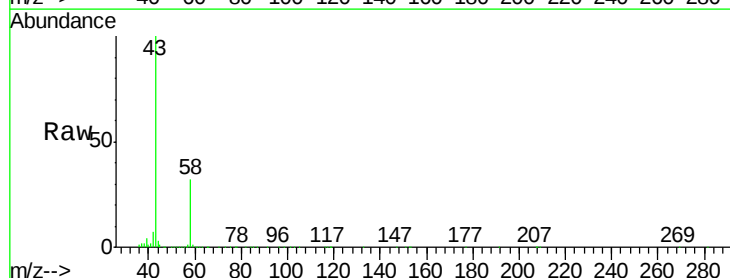
RT: 2.42 min Scan# 219

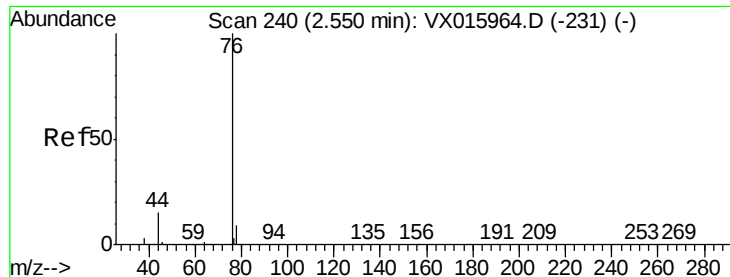
Delta R.T. 0.01 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Tgt Ion:	43	Resp:	424763
Ion	Ratio	Lower	Upper
43	100		
58	32.1	25.1	37.7





#17

Carbon Disulfide

Concen: 51.404 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 403368

Ion Ratio Lower Upper

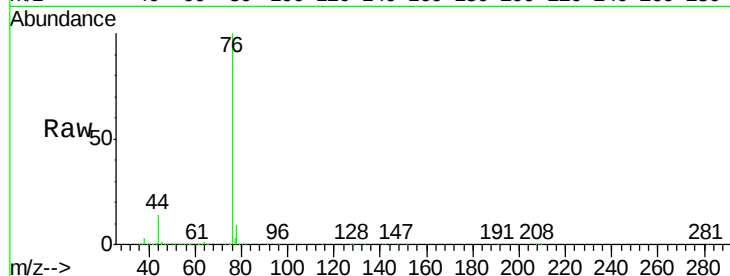
76 100

78 9.1 7.4 11.0

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

150000

100000

50000

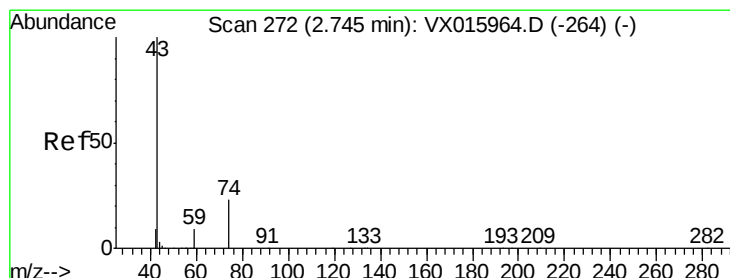
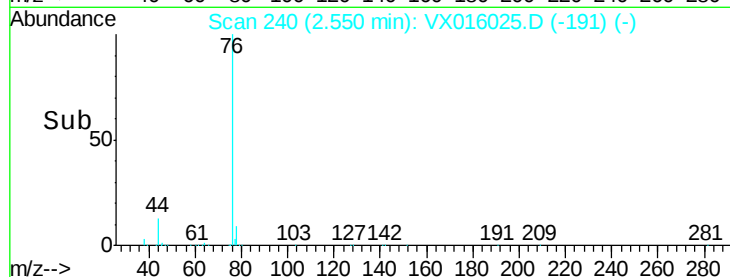
0

2.55

2.60

2.70

Time-->



#18

Methyl Acetate

Concen: 55.145 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX016025.D

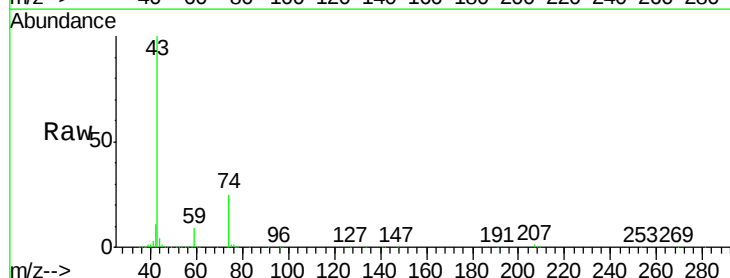
Acq: 01 May 2020 20:26

Tgt Ion: 43 Resp: 245995

Ion Ratio Lower Upper

43 100

74 25.1 19.6 29.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

150000

100000

50000

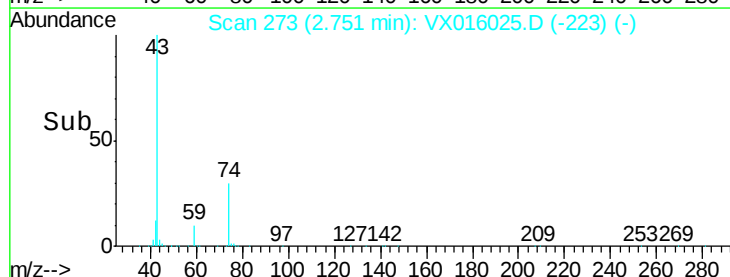
0

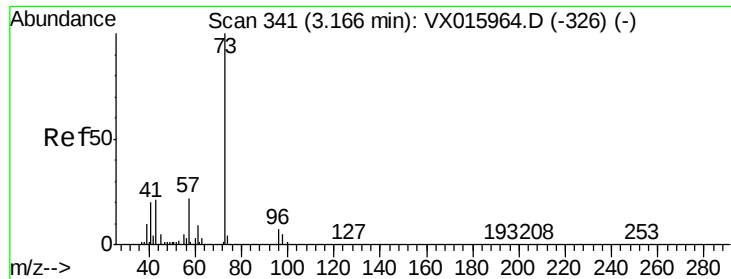
2.75

2.80

2.90

Time-->





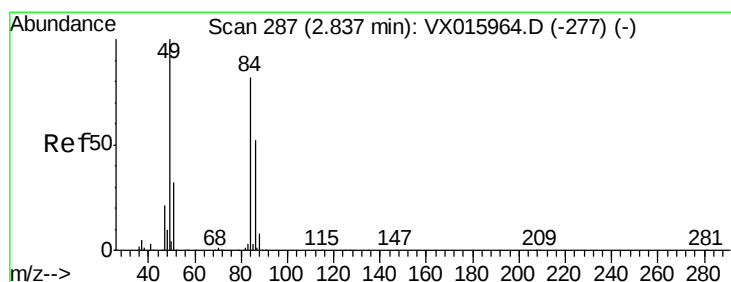
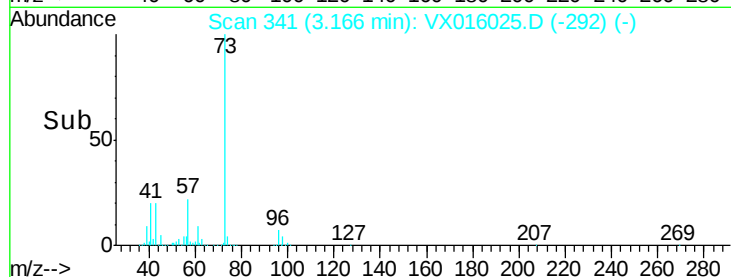
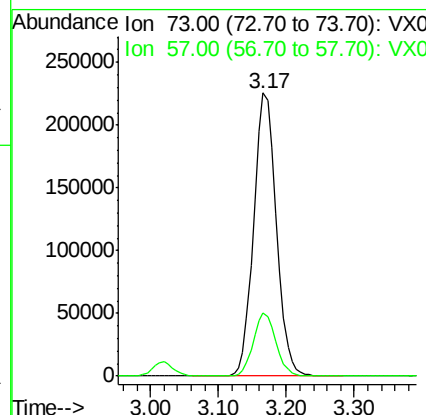
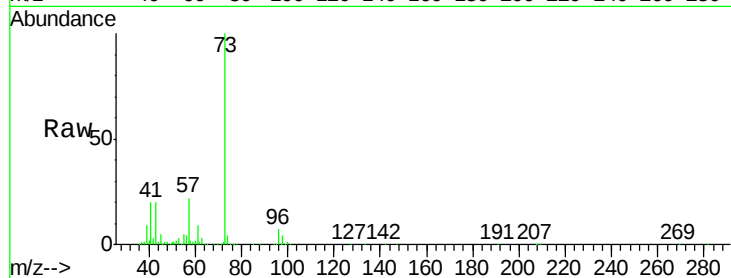
#19
Methvl tert-butvl Ether
Concen: 53.883 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.3	17.5	26.3

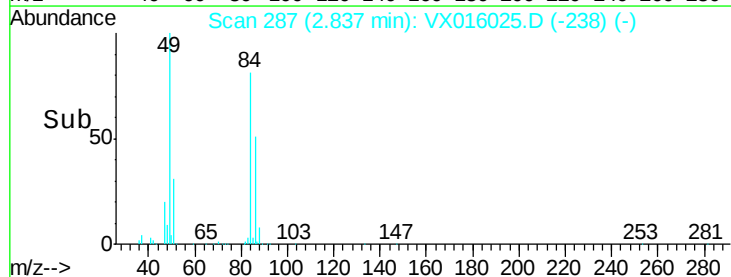
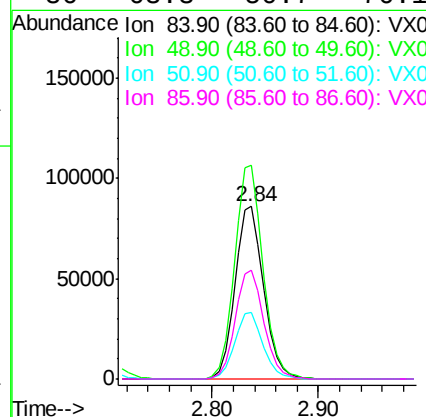
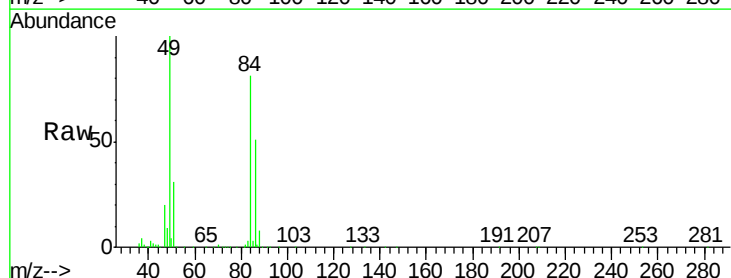
Manual Integrations
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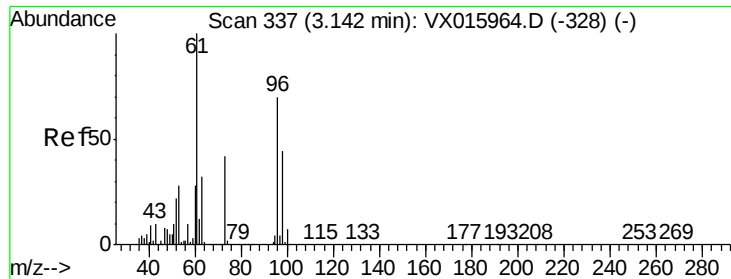
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#20
Methylene Chloride
Concen: 52.082 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.7	97.9	146.9
51	38.4	31.2	46.8
86	63.3	50.7	76.1





#21

trans-1,2-Dichloroethene

Concen: 50.434 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Instrument :

MSVOA_X

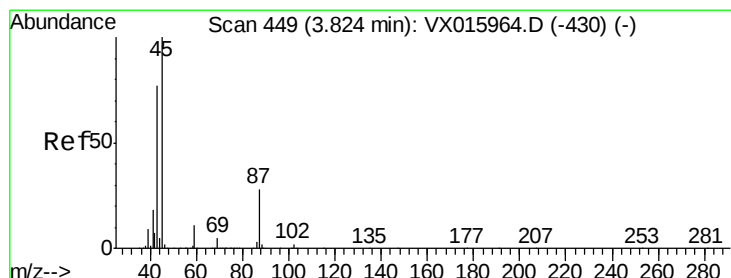
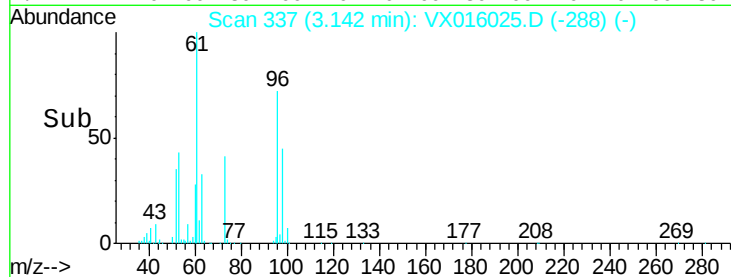
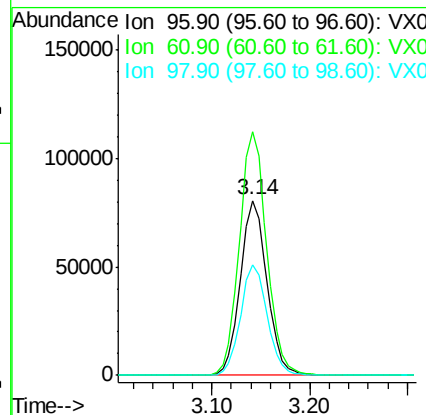
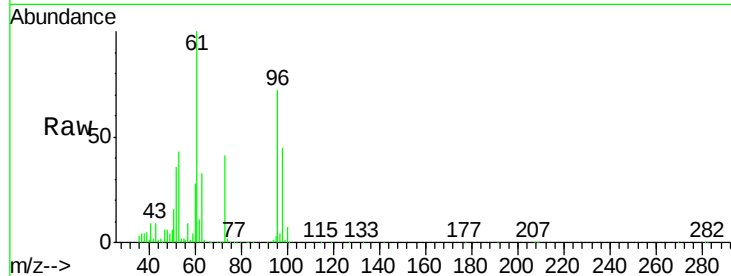
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	152906
Ion Ratio	Lower	Upper	
96	100		
61	139.6	113.6	170.4
98	63.3	50.3	75.5

Manual Integrations
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#22

Diisopropyl ether

Concen: 54.579 ug/l

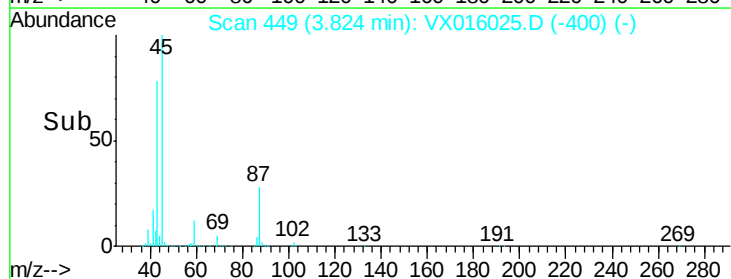
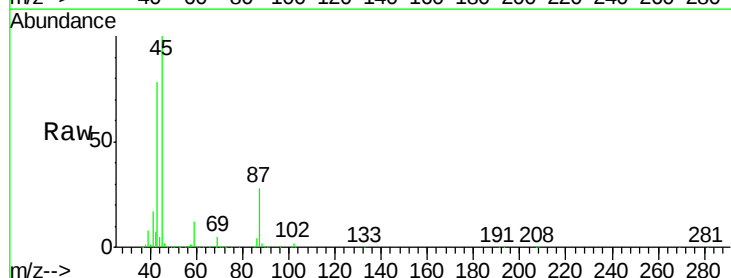
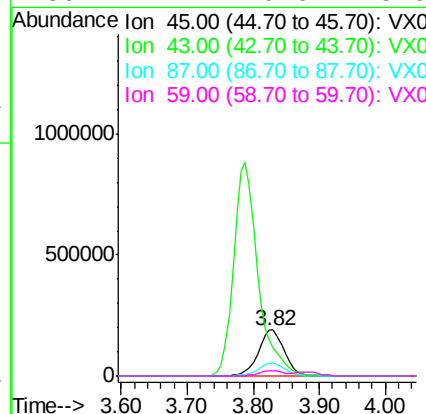
RT: 3.82 min Scan# 449

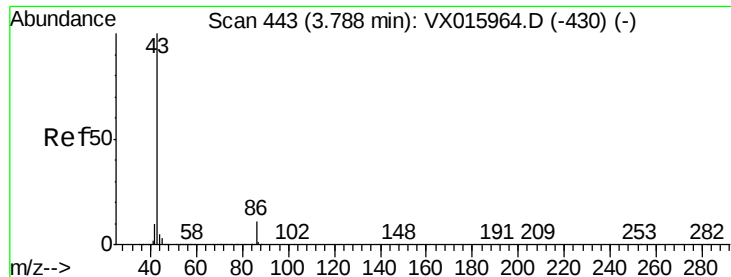
Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Tgt Ion:	45	Resp:	520506
Ion Ratio	Lower	Upper	
45	100		
43	77.9	61.3	91.9
87	28.2	22.6	33.8
59	11.7	9.0	13.6





#23

Vinyl Acetate

Concen: 272.392 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2256579

Ion Ratio Lower Upper

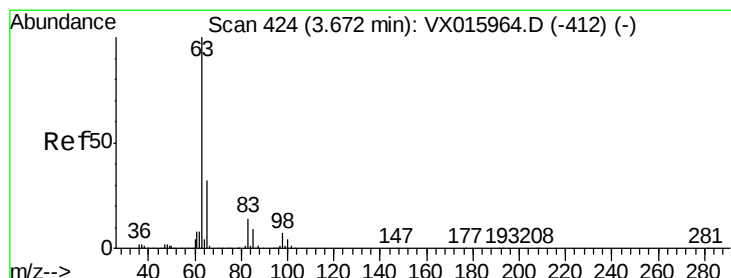
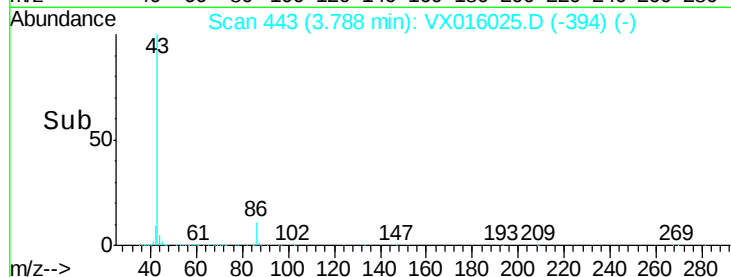
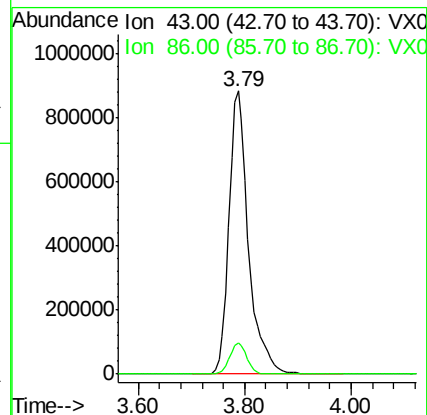
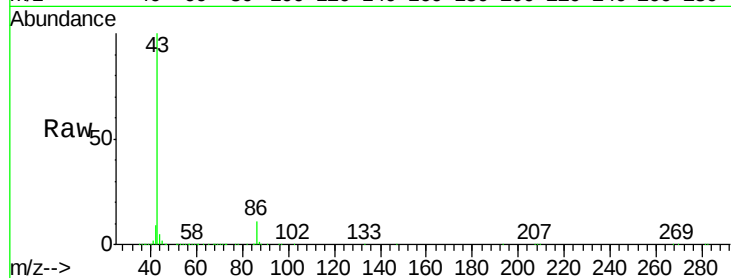
43 100

86 11.1 8.9 13.3

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 54.311 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

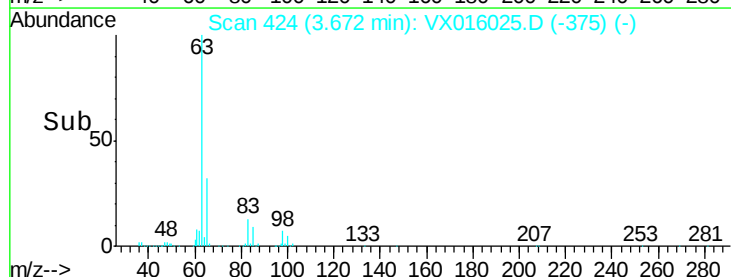
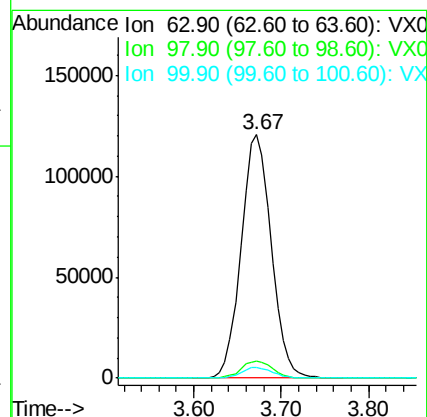
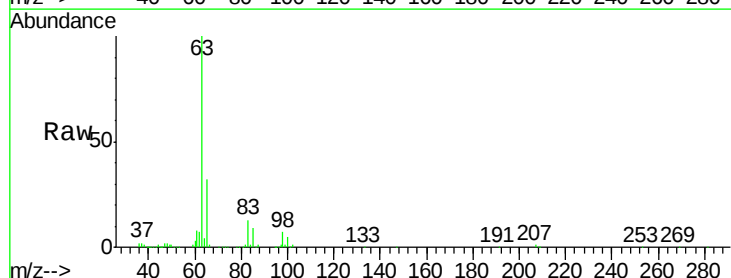
Tgt Ion: 63 Resp: 288531

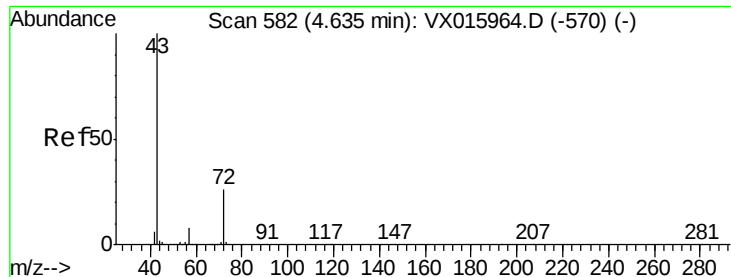
Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.8

100 4.5 2.2 6.6





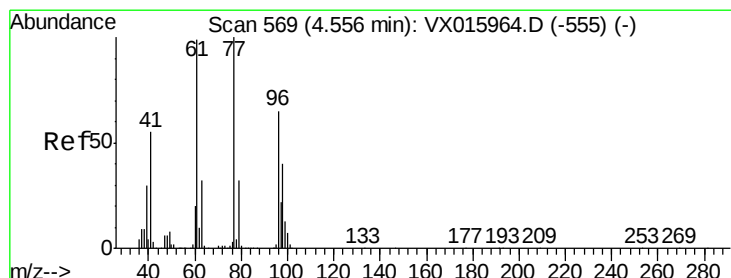
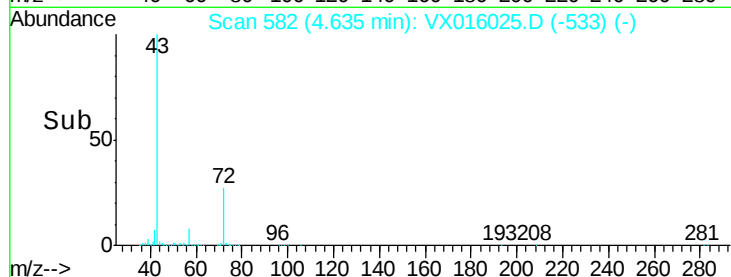
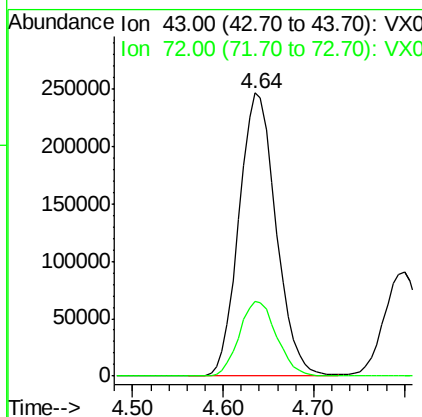
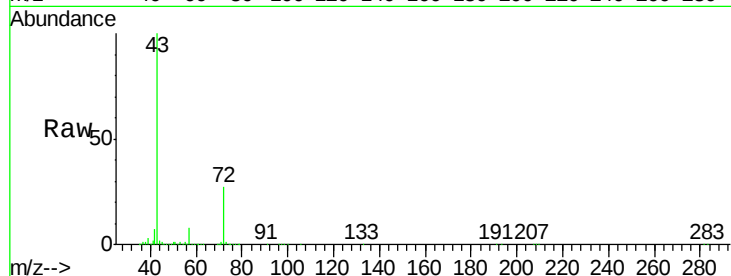
#25
2-Butanone
Concen: 273.484 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	696674
Ion Ratio	100	Lower	Upper
72	26.5	21.0	31.4

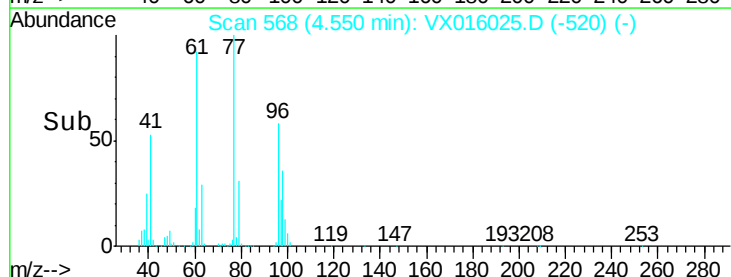
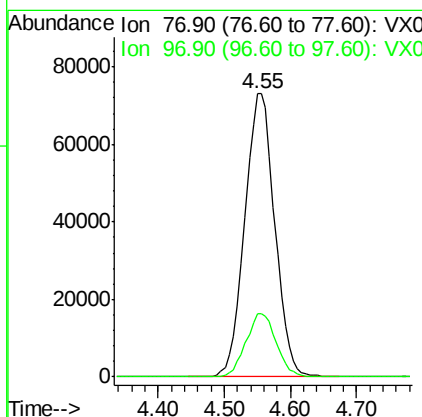
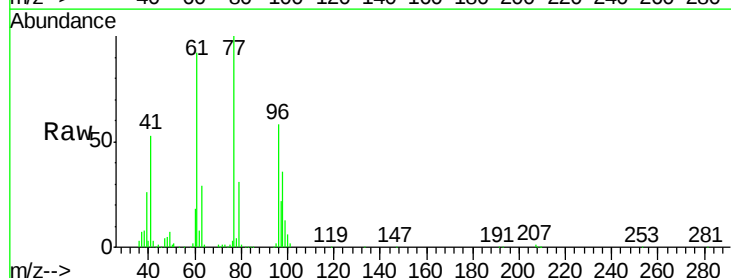
Manual Integrations
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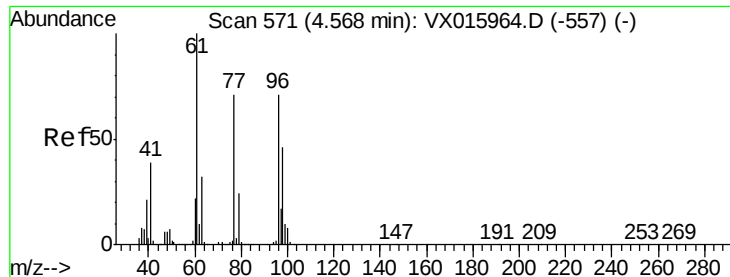
MMDadoda
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#26
2,2-Dichloropropane
Concen: 47.513 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.01 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Tgt Ion	77	Resp	230792
Ion Ratio	100	Lower	Upper
97	22.5	11.1	33.3





#27

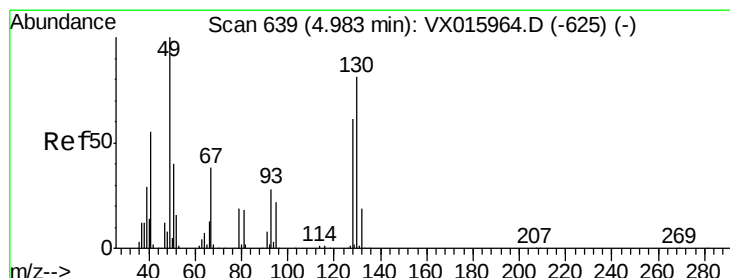
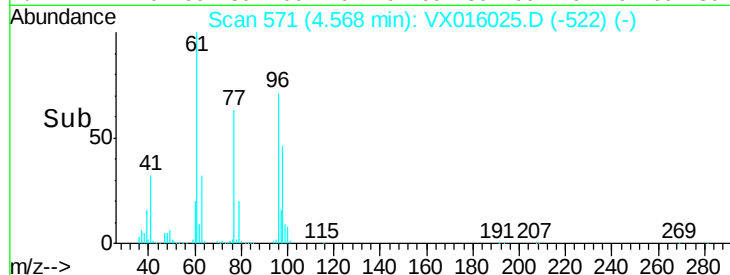
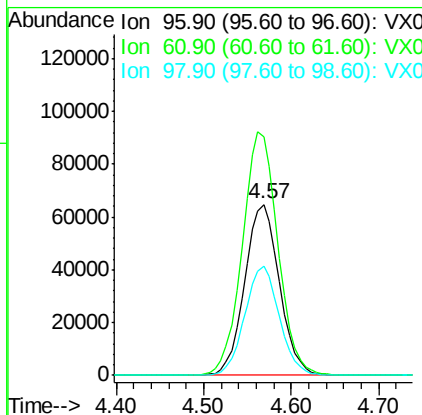
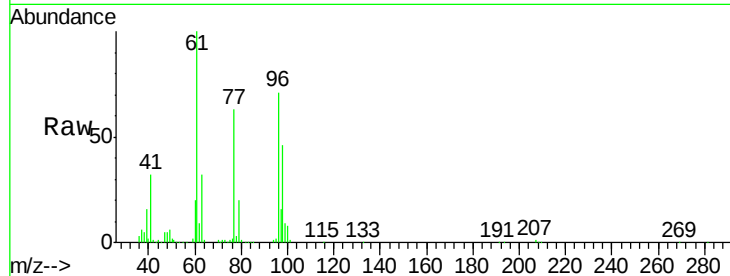
cis-1,2-Dichloroethene
Concen: 51.777 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	178137		
61	146.7	0.0	294.2	
98	64.0	0.0	127.4	

Manual Integrations
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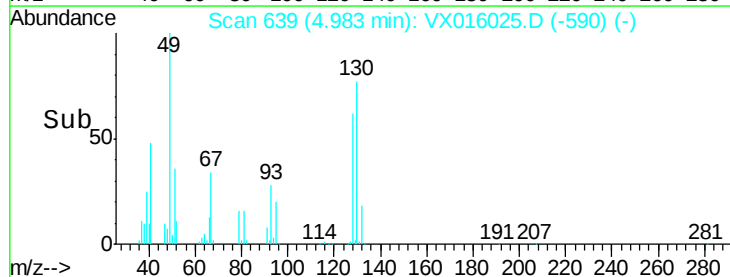
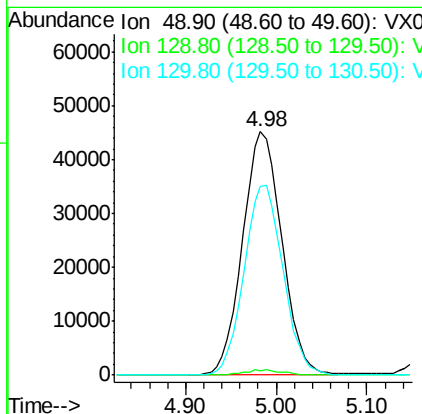
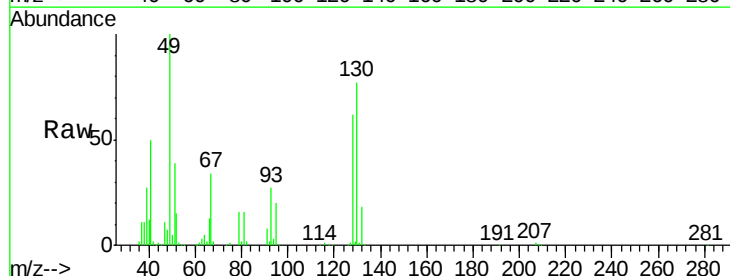
MMDadoda
5/4/2020 2:20:08 PM

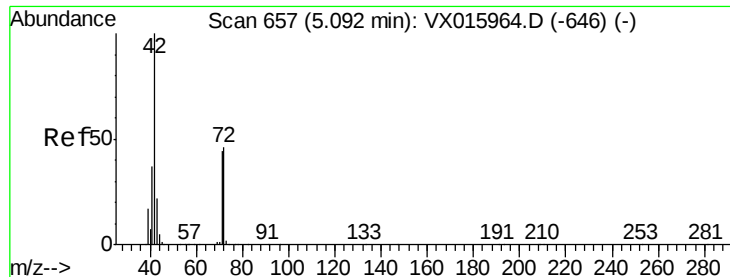


#28

Bromochloromethane
Concen: 52.830 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	135816		
129	2.2	0.0	4.6	
130	77.5	63.9	95.9	





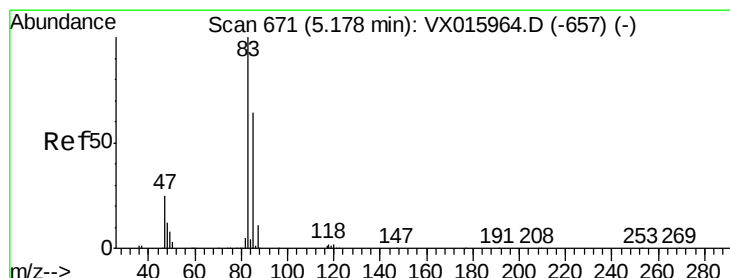
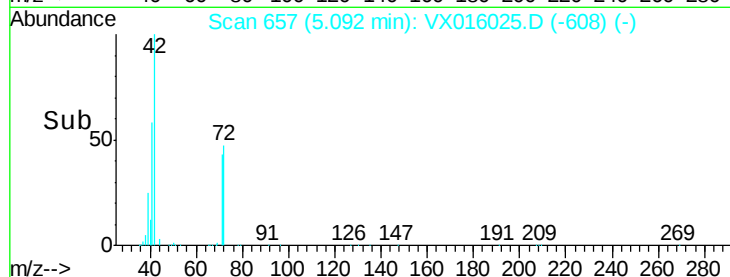
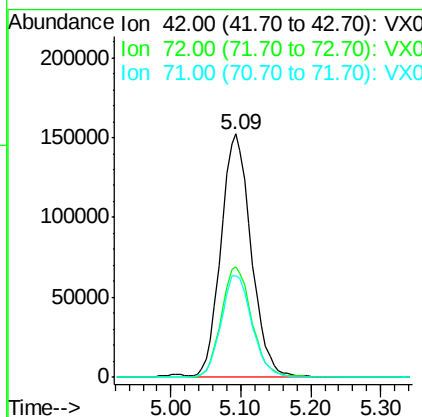
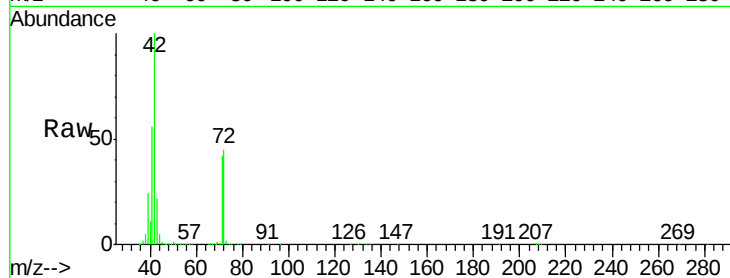
#29
Tetrahydrofuran
Concen: 272.888 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
42	100	455575		
72	46.2		37.4	56.0
71	42.8		34.6	52.0

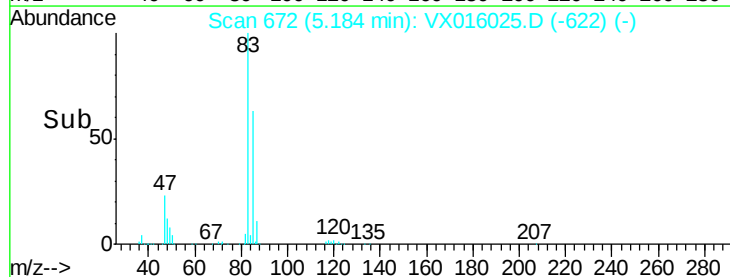
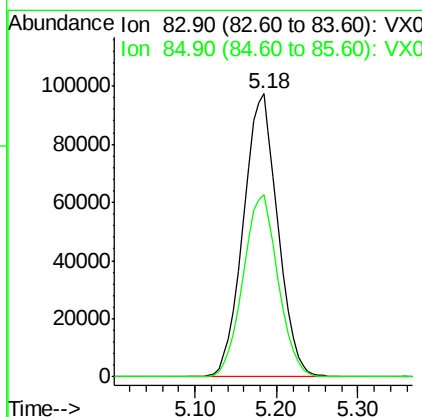
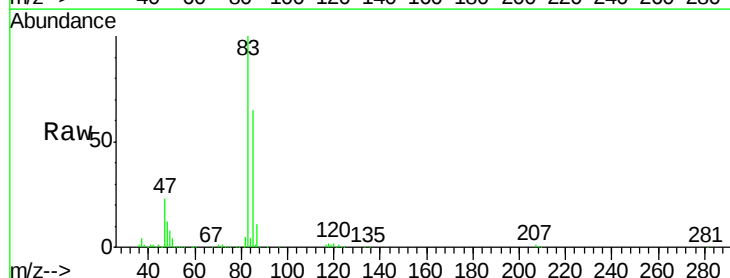
Manual Integrations
APPROVED

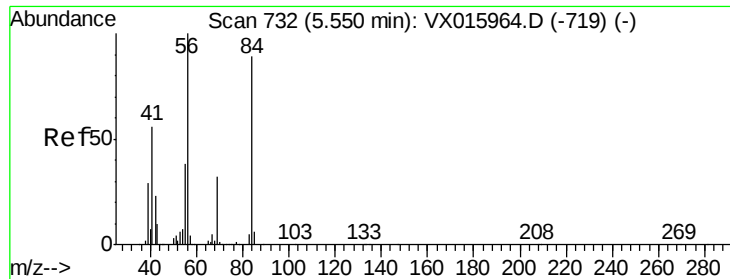
MMDadoda
5/4/2020 2:20:08 PM



#30
Chloroform
Concen: 51.865 ug/l
RT: 5.18 min Scan# 672
Delta R.T. 0.01 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	286517		
85	64.6		51.0	76.4





#31

Cyclohexane

Concen: 54.053 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Instrument :

MSVOA_X

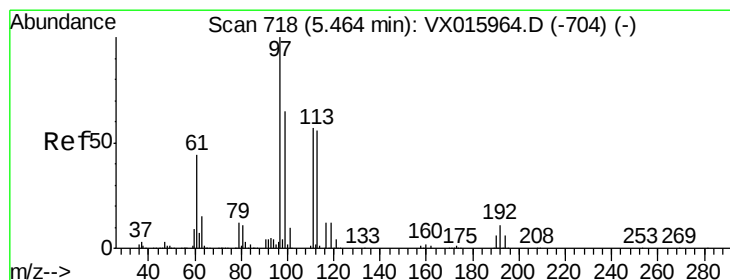
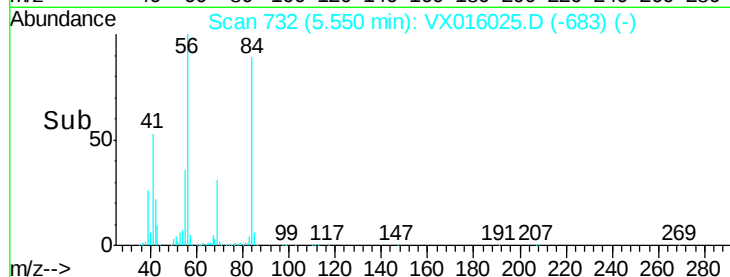
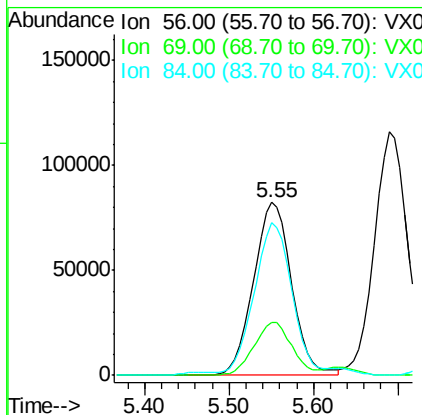
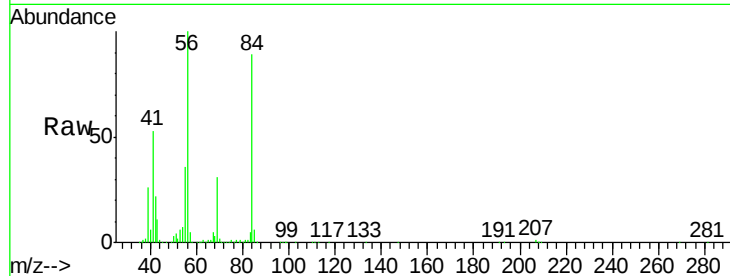
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	255642
Ion	Ratio	Lower	Upper
56	100		
69	30.8	25.4	38.2
84	87.2	71.0	106.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 51.324 ug/l

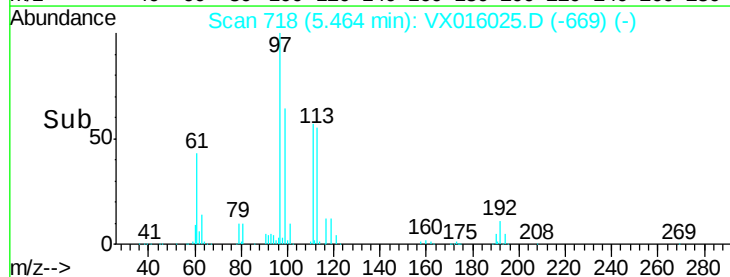
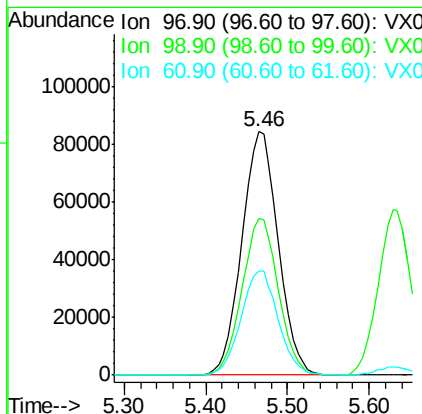
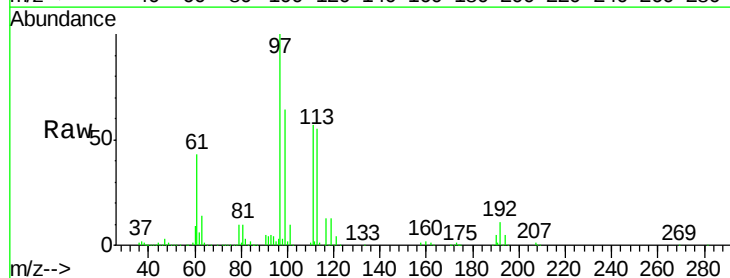
RT: 5.46 min Scan# 718

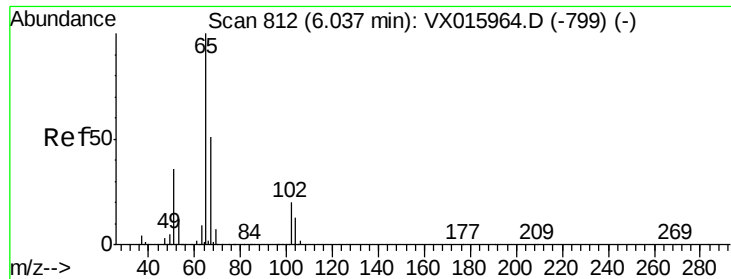
Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Tgt Ion:	97	Resp:	261049
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.4	77.0
61	43.7	35.7	53.5





#33

1,2-Dichloroethane-d4

Concen: 48.676 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.01 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 178943

Ion Ratio Lower Upper

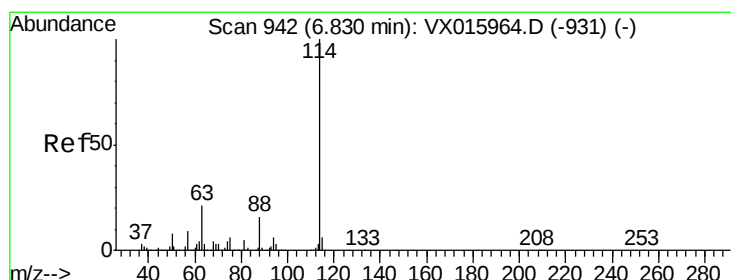
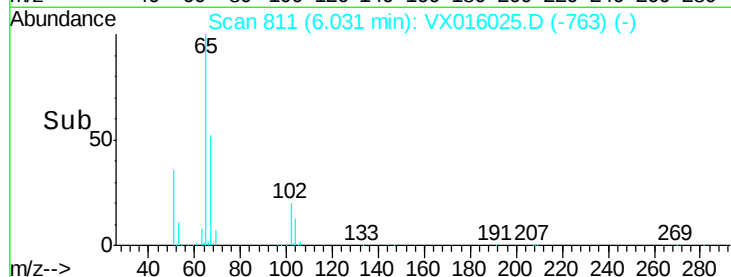
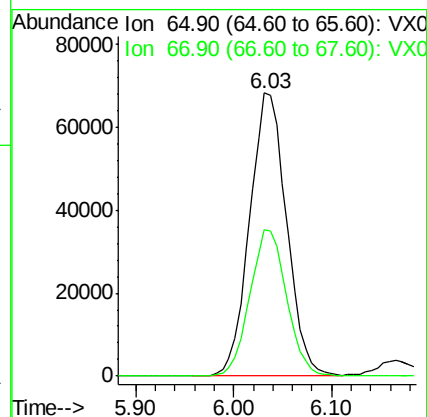
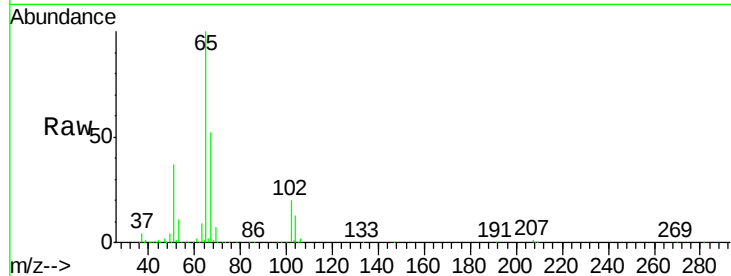
65 100

67 51.7 0.0 102.4

Manual Integrations
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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

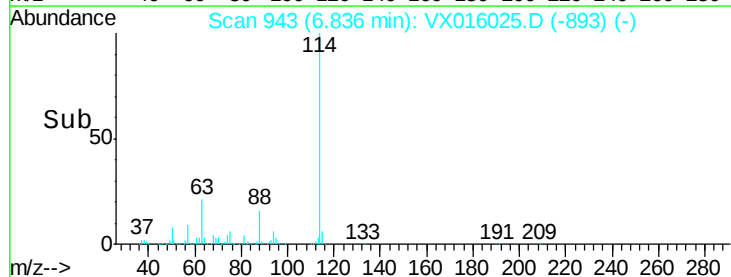
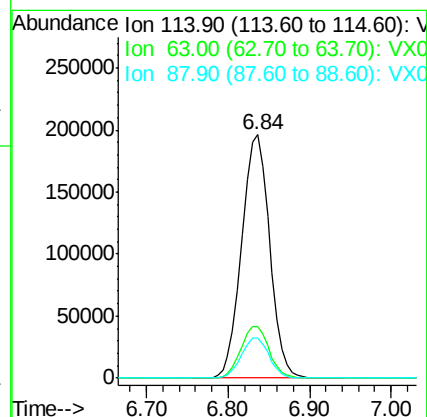
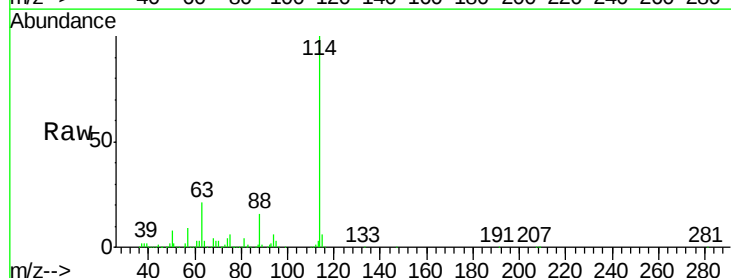
Tgt Ion: 114 Resp: 465825

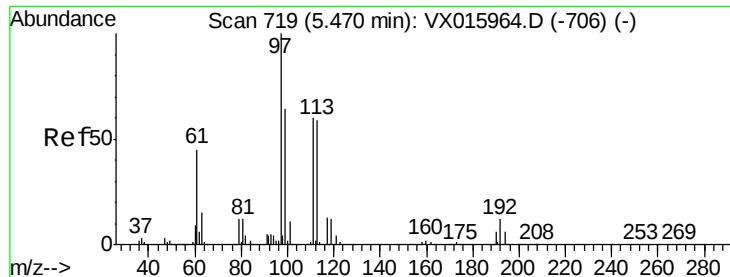
Ion Ratio Lower Upper

114 100

63 21.4 0.0 41.2

88 16.5 0.0 31.8





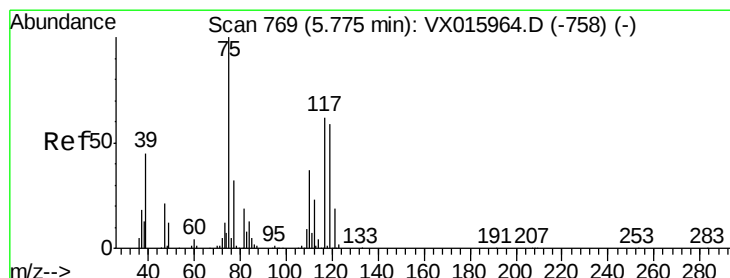
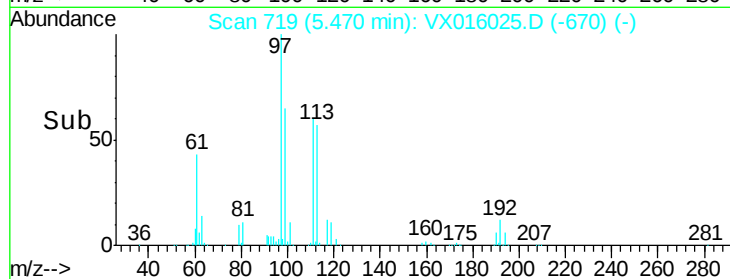
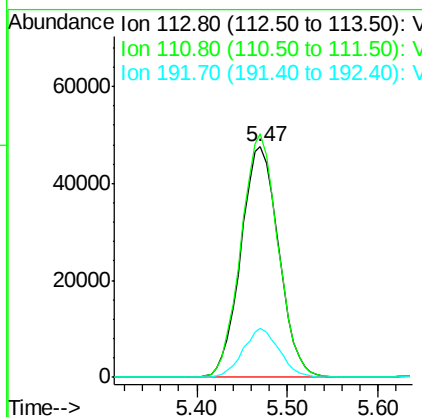
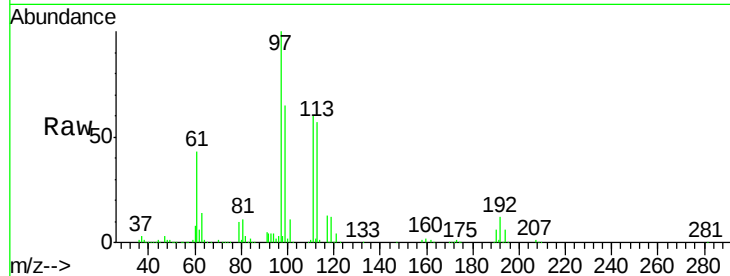
#35
 Dibromofluoromethane
 Concen: 47.502 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.00 min
 Lab File: VX016025.D
 Acq: 01 May 2020 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	138033		
111	103.1	81.8	122.8	
192	20.4	16.8	25.2	

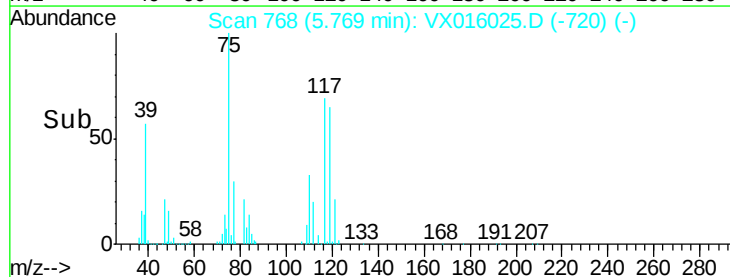
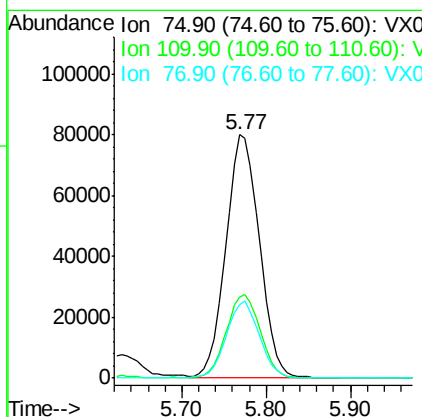
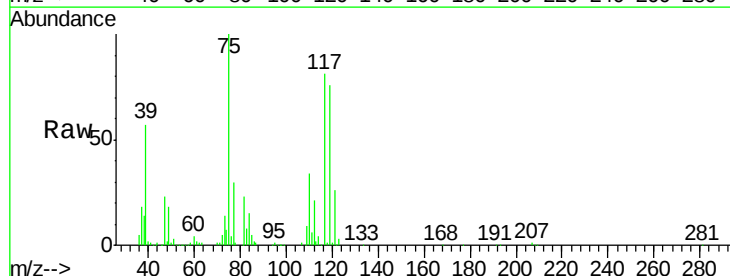
Manual Integrations
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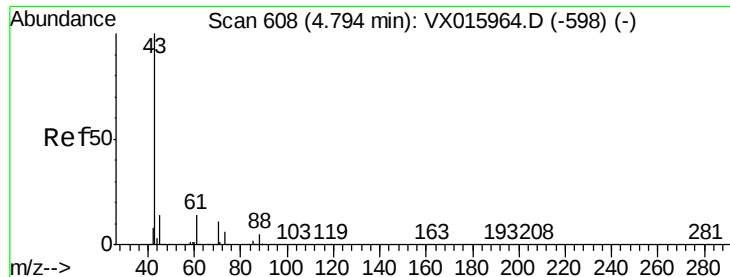
MMDadoda
 5/4/2020 2:20:08 PM



#36
 1,1-Dichloropropene
 Concen: 48.589 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: VX016025.D
 Acq: 01 May 2020 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	215574		
110	35.1	17.9	53.7	
77	31.2	25.2	37.8	





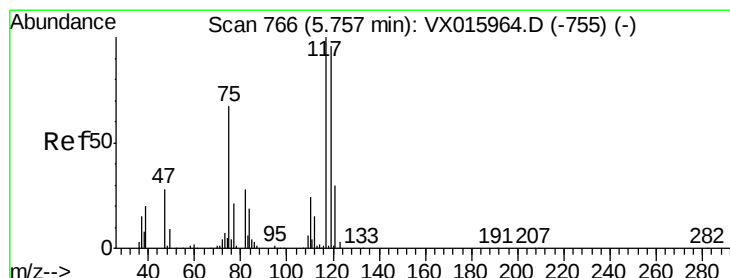
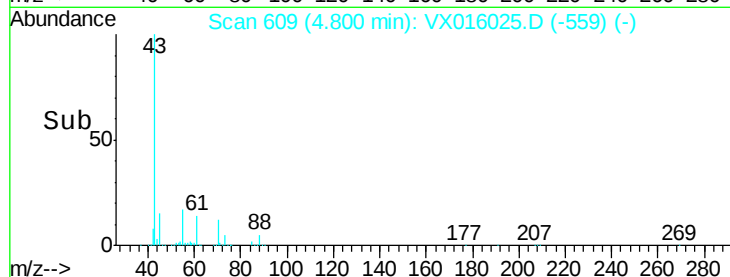
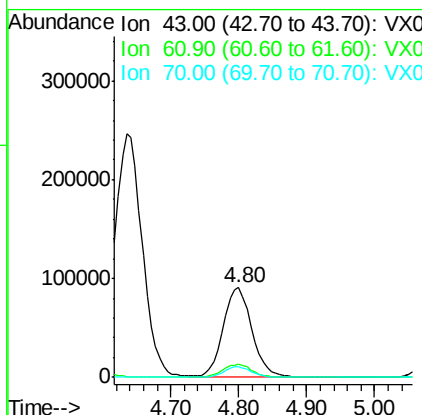
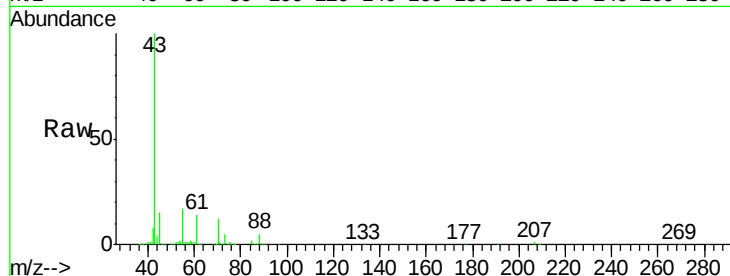
#37
Ethyl Acetate
Concen: 52.405 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		266606		
61	14.2	11.6	17.4		
70	11.3	8.9	13.3		

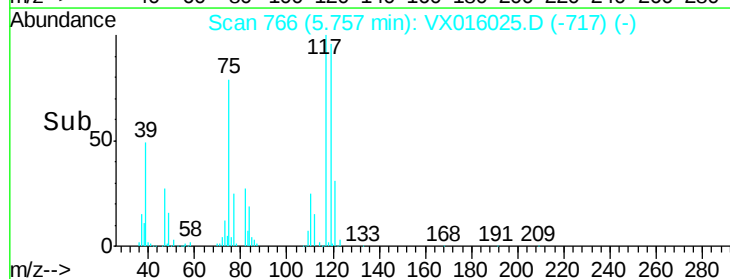
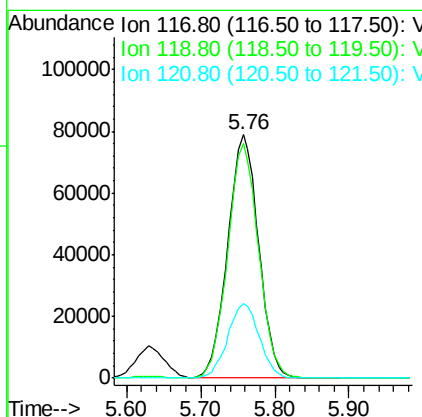
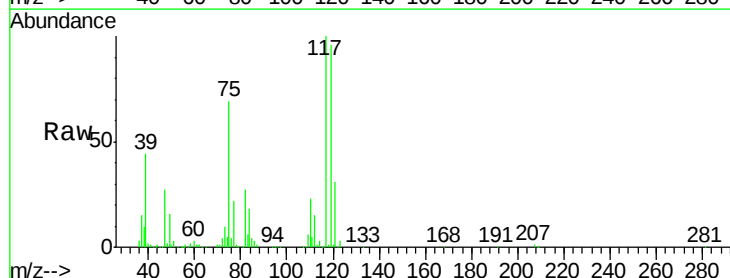
Manual Integrations
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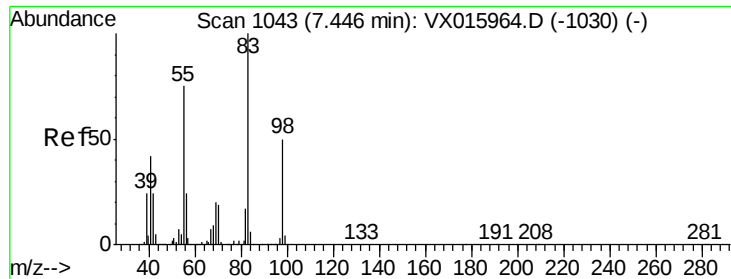
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#38
Carbon Tetrachloride
Concen: 48.909 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		229200		
119	96.3	76.2	114.4		
121	30.9	24.2	36.4		





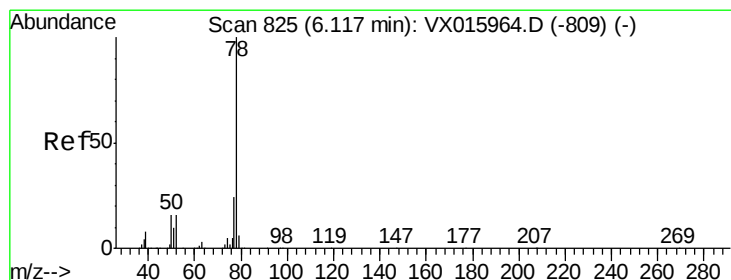
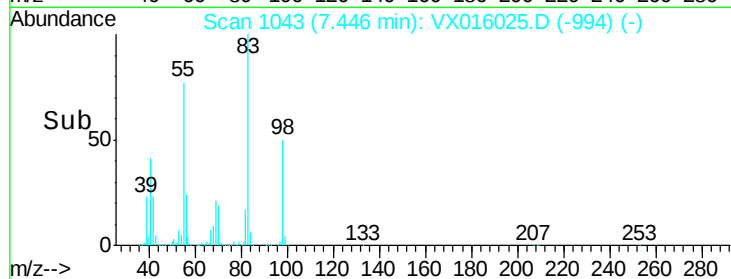
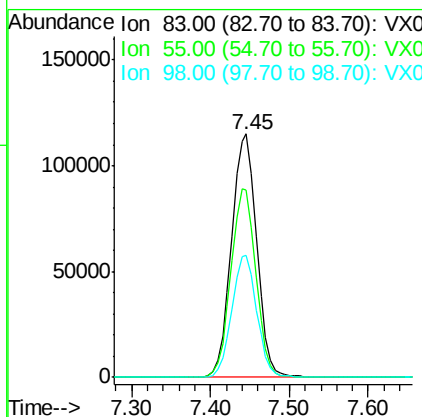
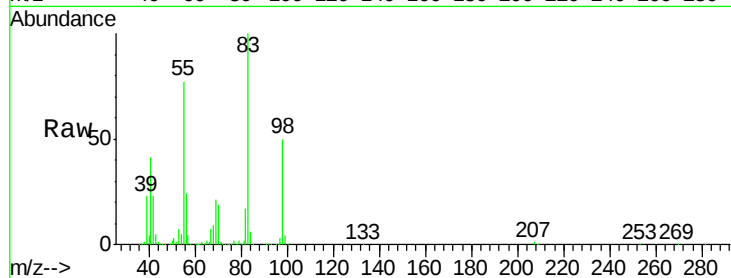
#39
Methvlcvclohexane
Concen: 49.981 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.0	59.9	89.9
98	50.2	39.9	59.9

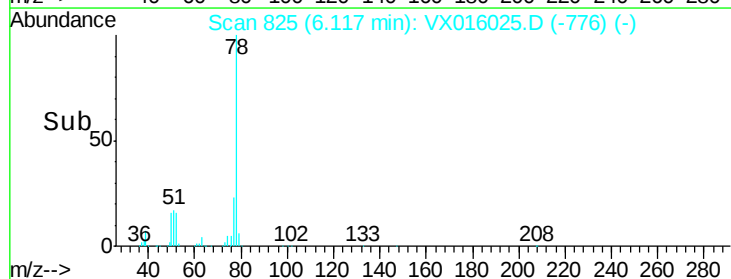
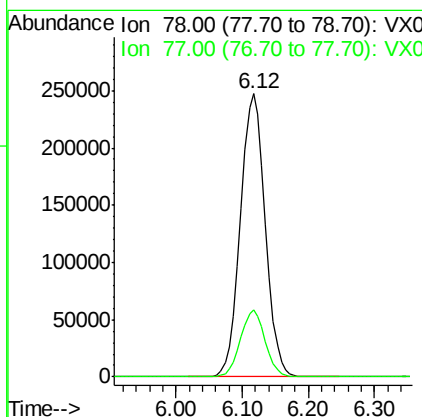
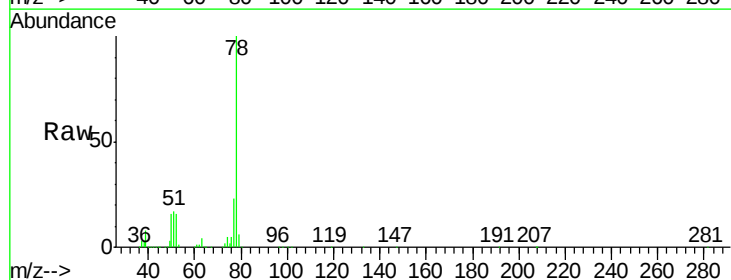
Manual Integrations
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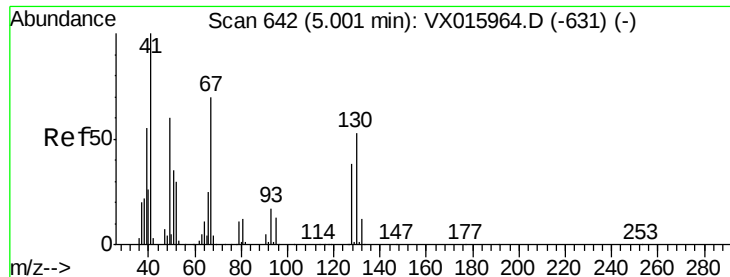
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#40
Benzene
Concen: 50.851 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2





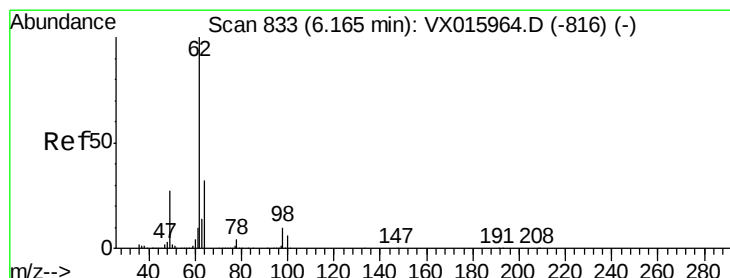
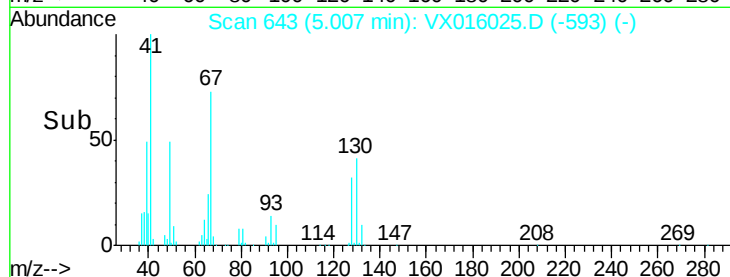
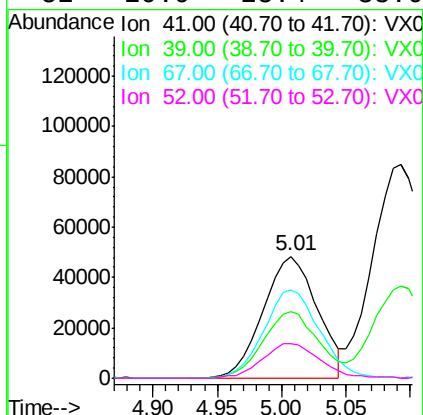
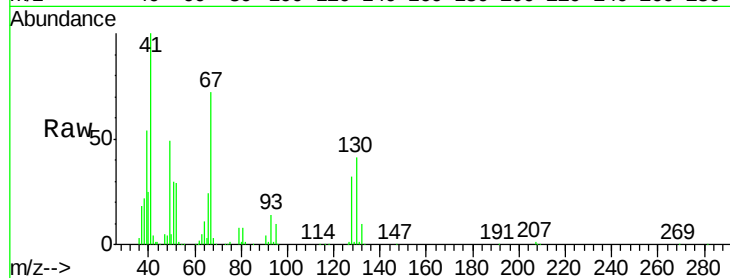
#41
Methacrylonitrile
Concen: 51.761 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	56.0	45.2	67.8		
67	75.2	59.4	89.2		
52	29.9	25.4	38.0		

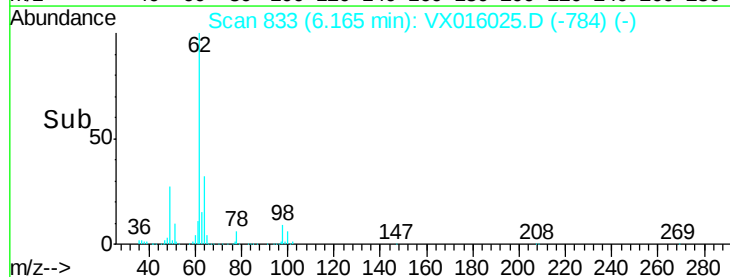
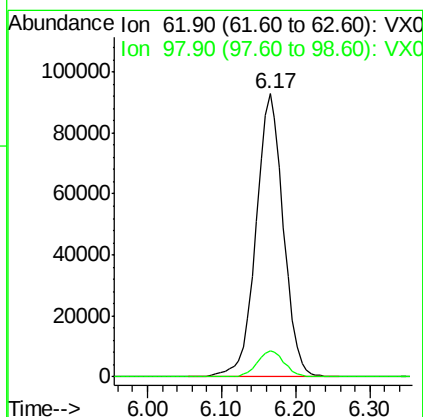
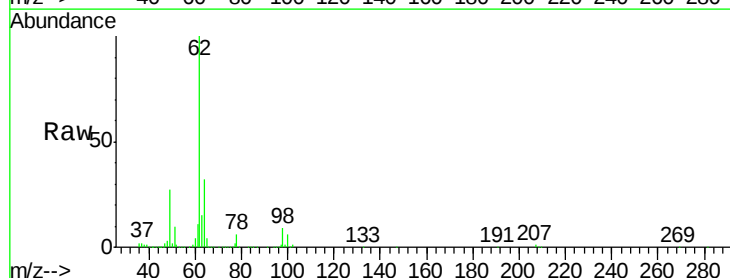
Manual Integrations
APPROVED

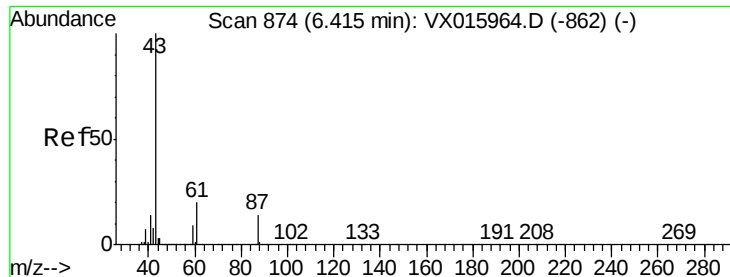
MMDadoda
5/4/2020 2:20:08 PM



#42
1,2-Dichloroethane
Concen: 48.508 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.4	0.0	18.4		





#43

Isopropyl Acetate

Concen: 50.440 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Instrument :

MSVOA_X

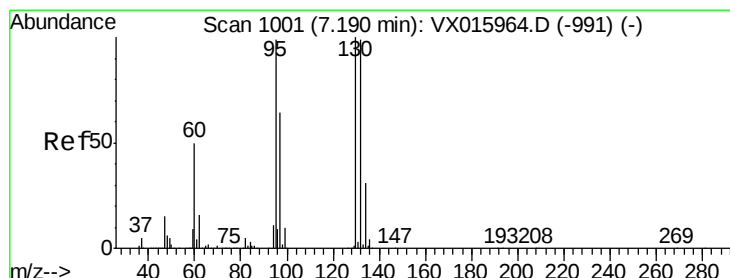
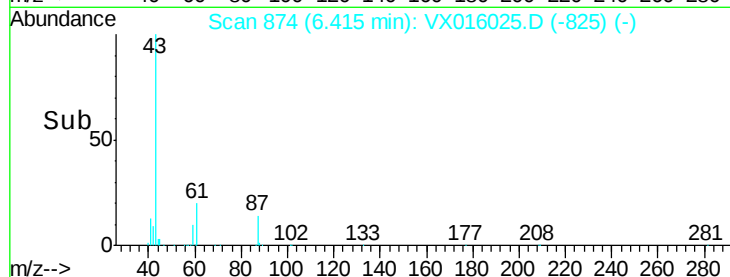
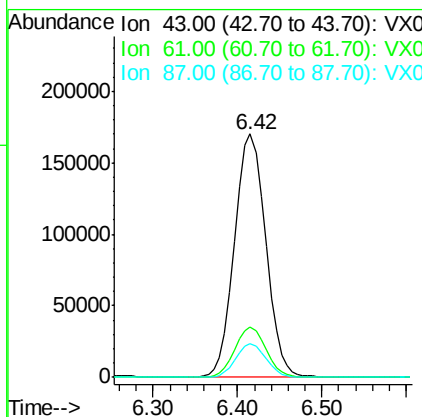
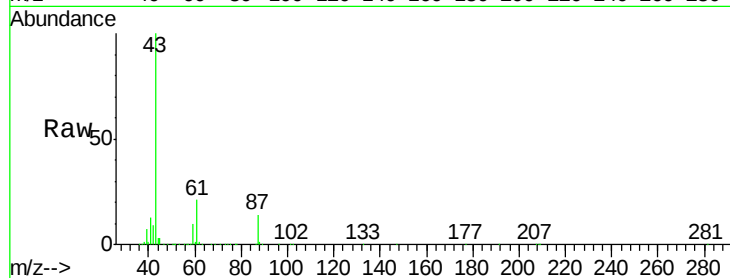
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	424932
Ion	Ratio	Lower	Upper
43	100		
61	20.8	16.1	24.1
87	13.5	10.9	16.3

Manual Integrations
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#44

Trichloroethene

Concen: 46.492 ug/l

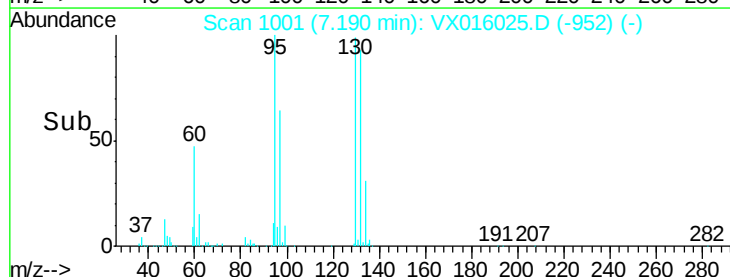
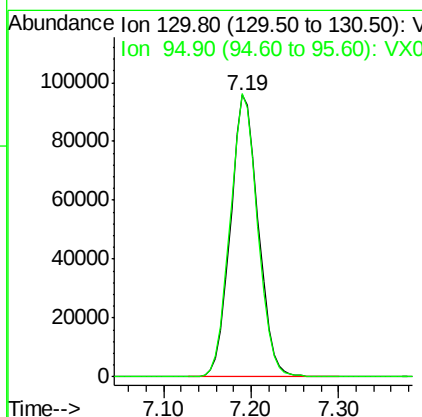
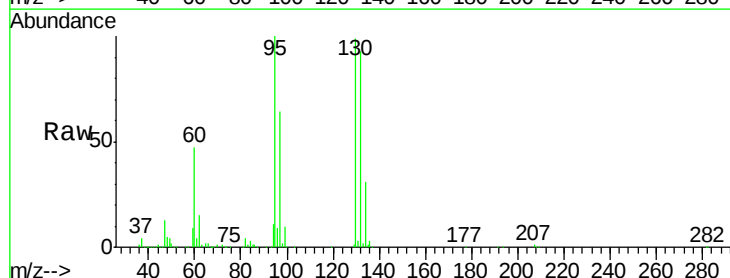
RT: 7.19 min Scan# 1001

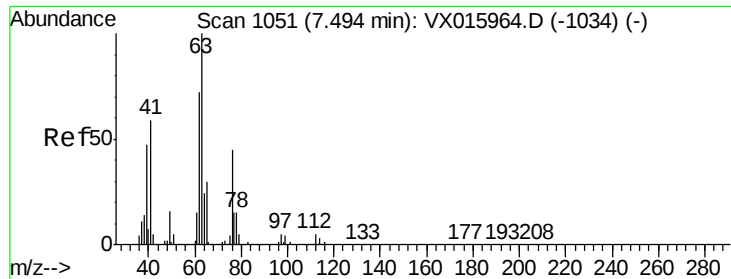
Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Tgt Ion:	130	Resp:	212140
Ion	Ratio	Lower	Upper
130	100		
95	100.5	0.0	197.4





#45

1,2-Dichloropropane

Concen: 51.438 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 168289

Ion Ratio Lower Upper

63 100

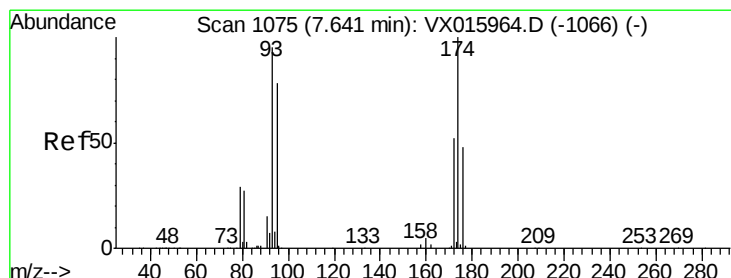
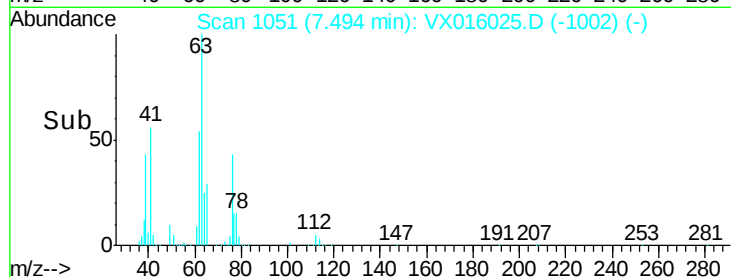
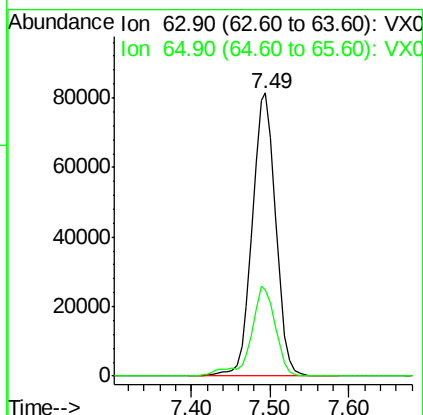
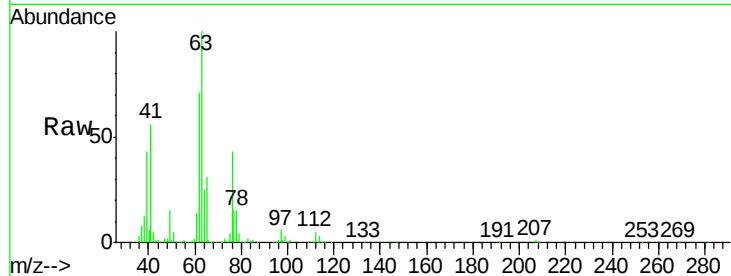
65 30.7 24.3 36.5

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#46

Dibromomethane

Concen: 48.759 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

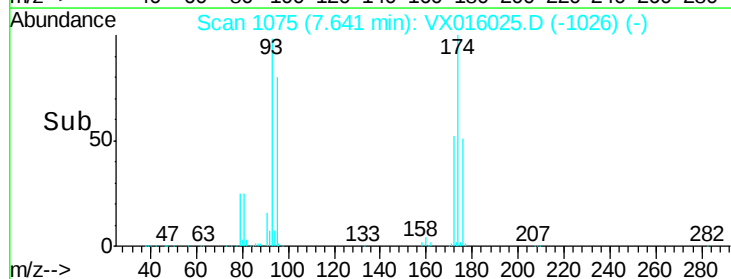
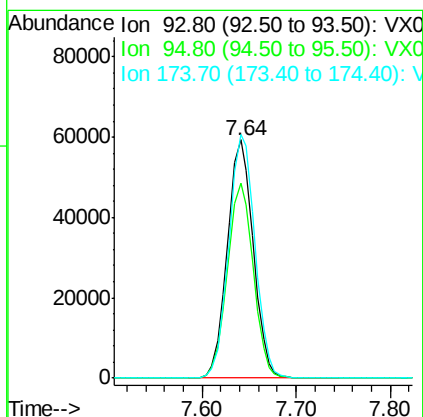
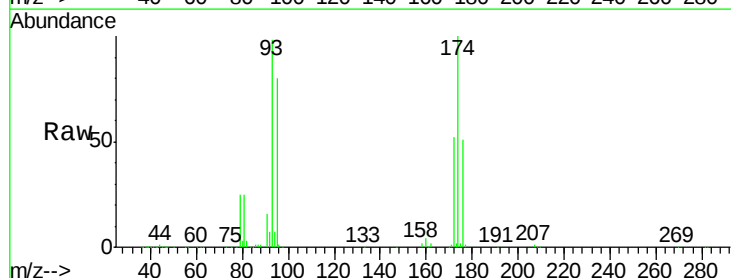
Tgt Ion: 93 Resp: 113352

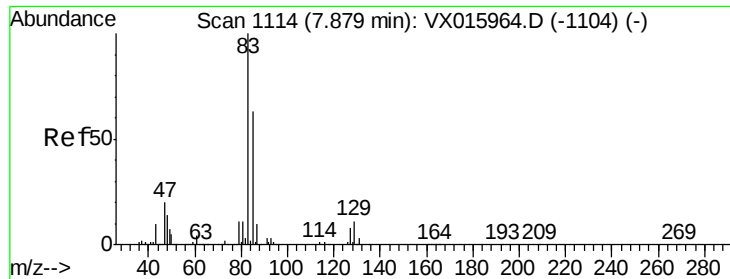
Ion Ratio Lower Upper

93 100

95 82.1 65.5 98.3

174 103.1 82.7 124.1





#47

Bromodichloromethane

Concen: 51.058 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Instrument :

MSVOA_X

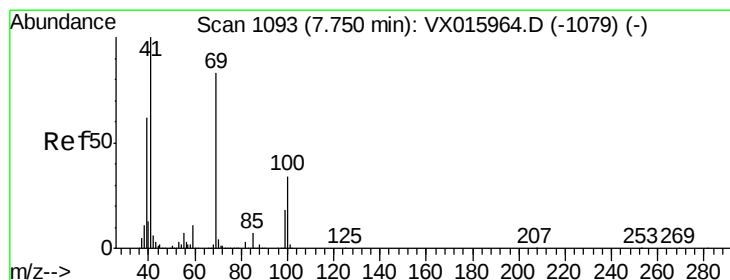
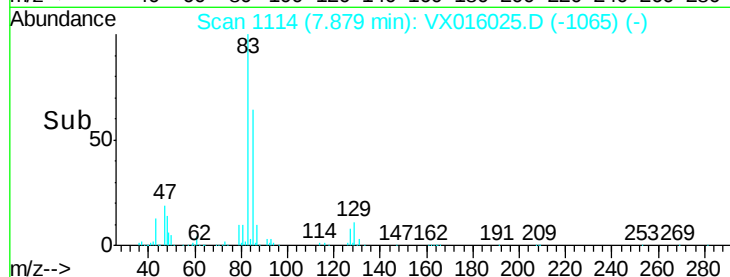
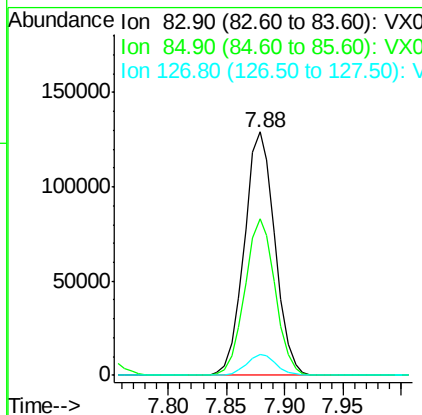
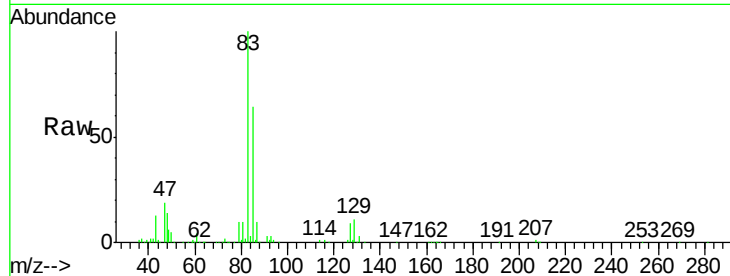
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	235874
Ion Ratio	Lower	Upper	
83	100		
85	64.5	50.6	75.8
127	8.5	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.998 ug/l

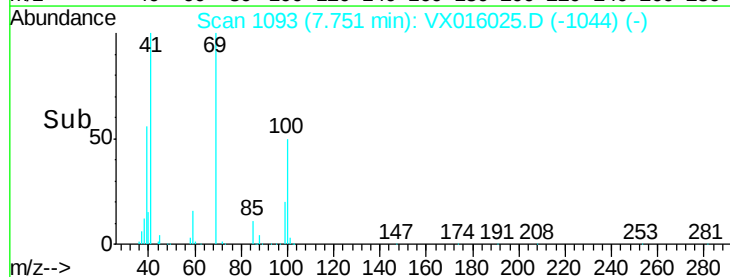
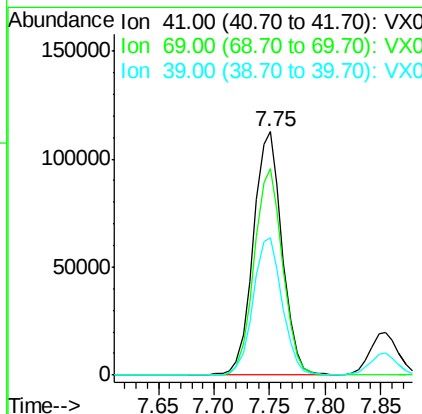
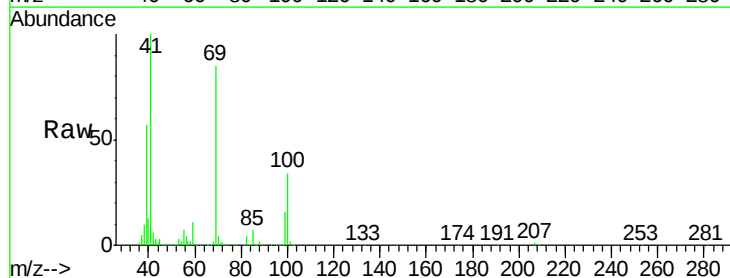
RT: 7.75 min Scan# 1093

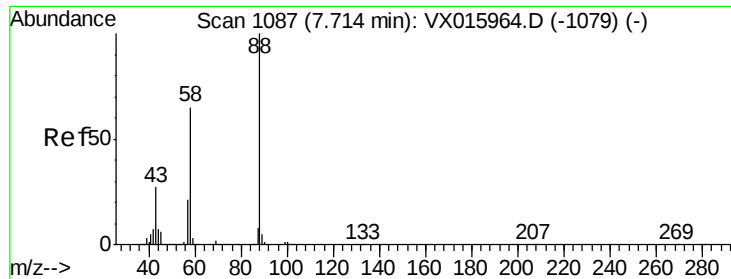
Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Tgt Ion:	41	Resp:	202252
Ion Ratio	Lower	Upper	
41	100		
69	84.3	66.0	99.0
39	57.0	49.0	73.4





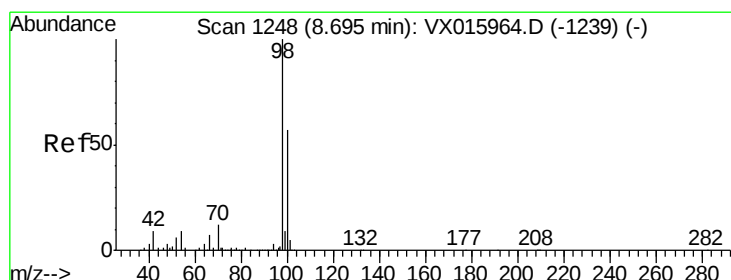
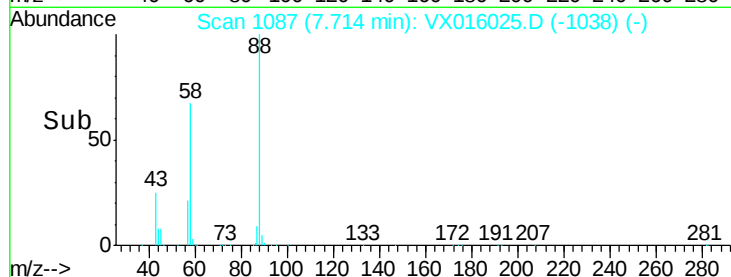
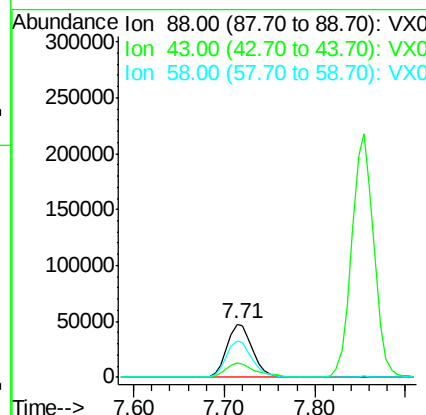
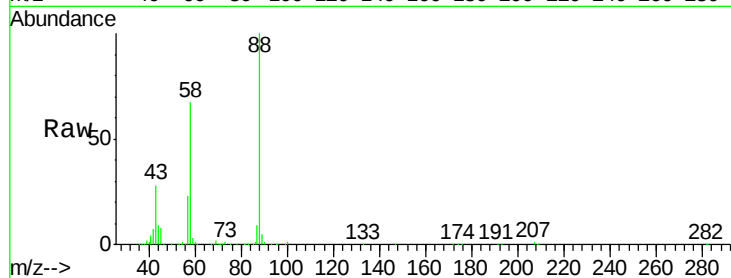
#49
1,4-Dioxane
Concen: 1010.115 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	92429
Ion Ratio	100	Lower	Upper
88	100		
43	31.9	26.6	39.8
58	70.4	54.8	82.2

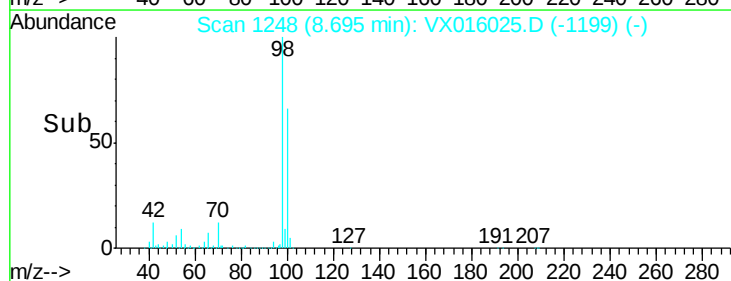
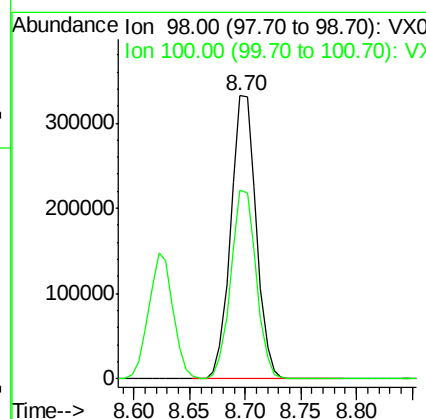
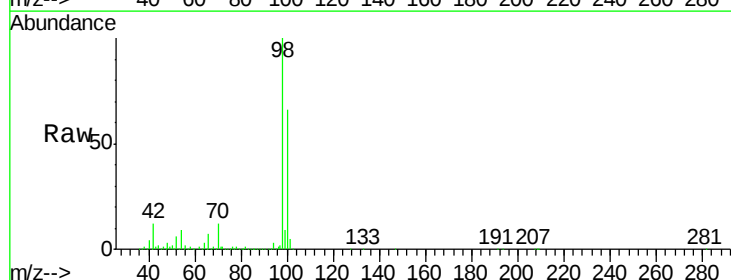
Manual Integrations
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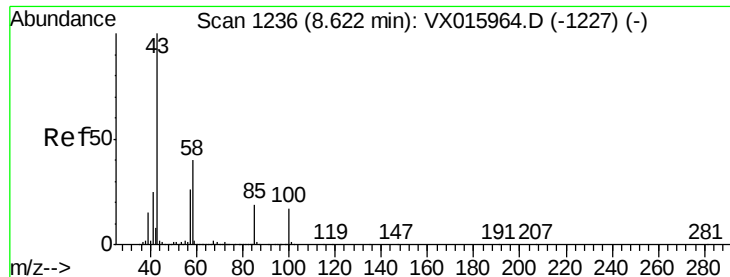
MMDadoda
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#50
Toluene-d8
Concen: 48.193 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Tgt Ion	98	Resp	523603
Ion Ratio	100	Lower	Upper
98	100		
100	66.7	53.1	79.7





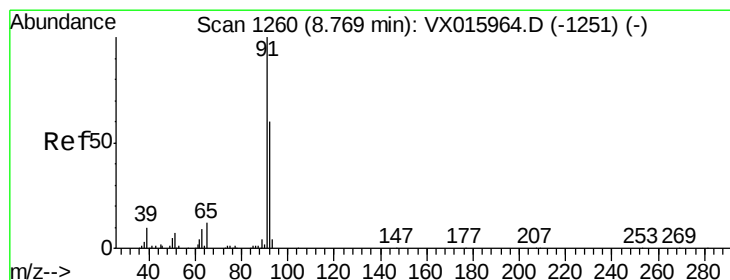
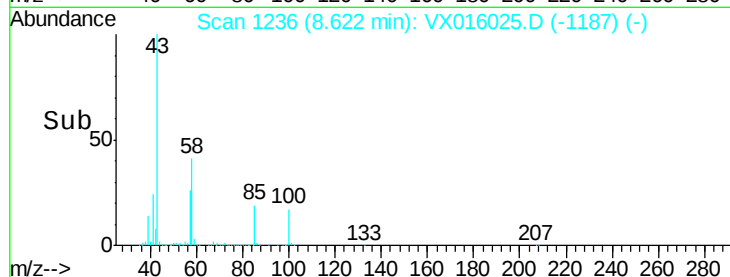
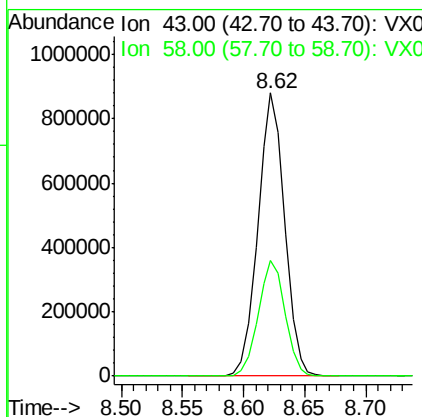
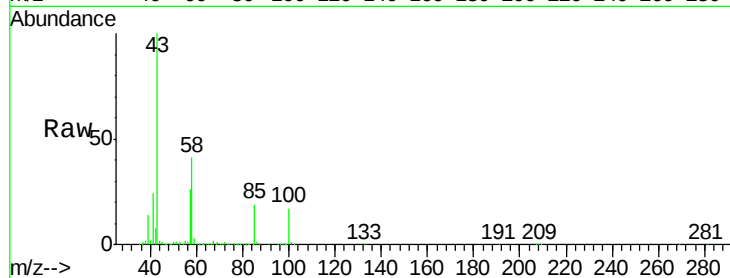
#51
4-Methyl-2-Pentanone
Concen: 261.893 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1338284
Ion Ratio Lower Upper
43 100
58 41.1 32.0 48.0

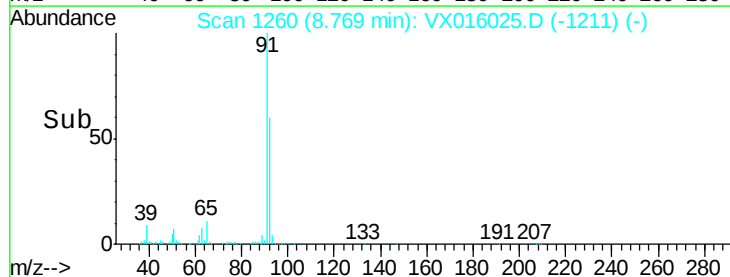
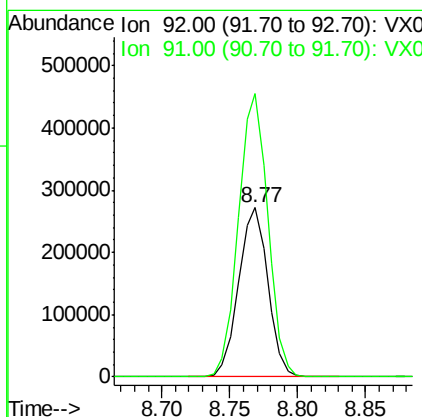
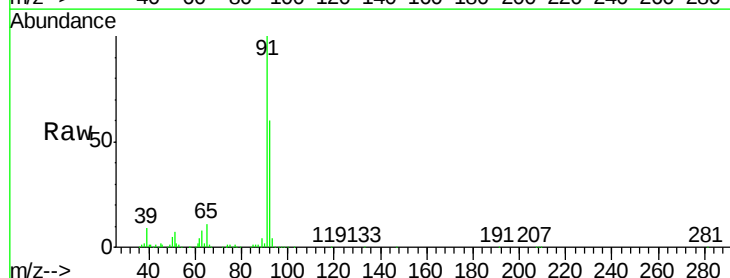
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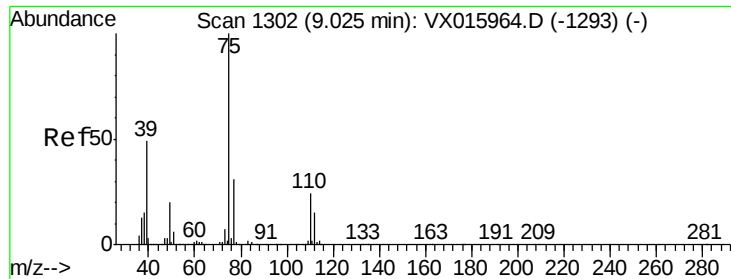
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#52
Toluene
Concen: 50.745 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Tgt Ion: 92 Resp: 407768
Ion Ratio Lower Upper
92 100
91 168.6 134.6 202.0





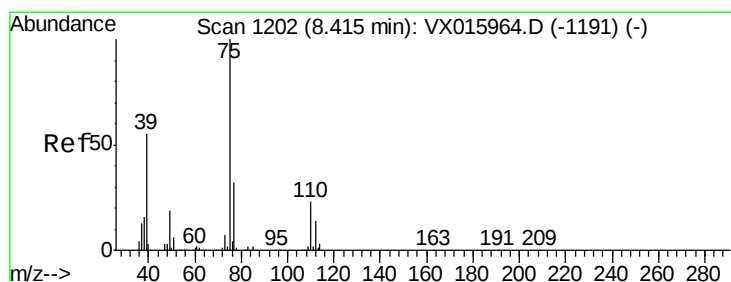
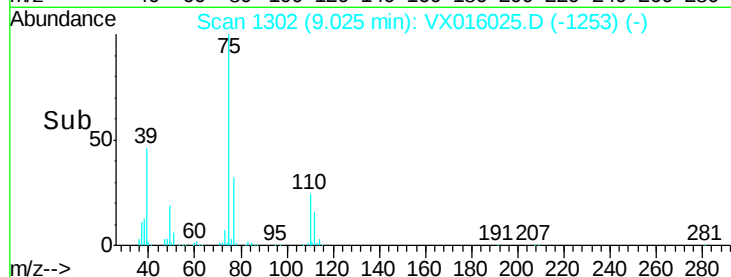
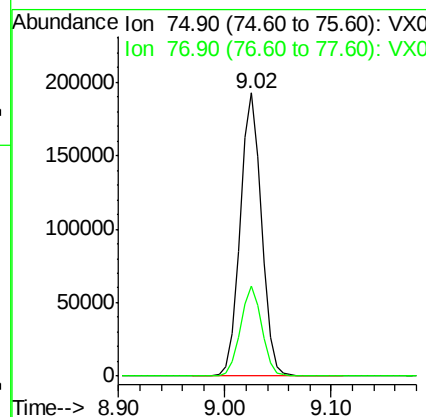
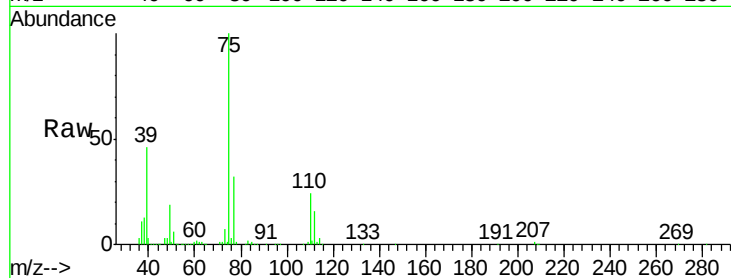
#53
t-1,3-Dichloropropene
Concen: 49.403 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	24.9	37.3

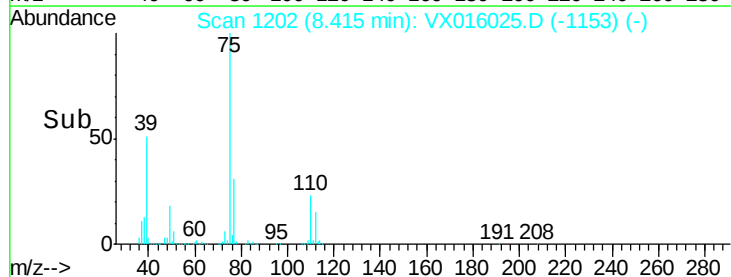
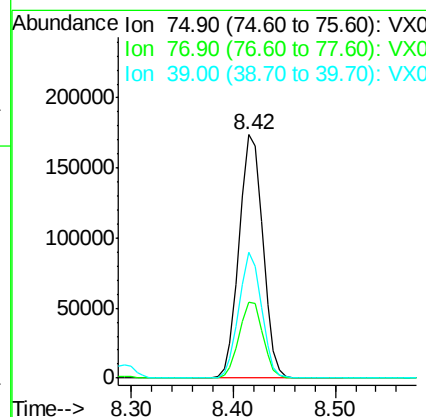
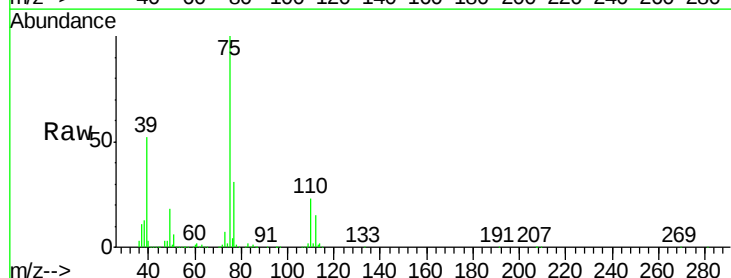
Manual Integrations
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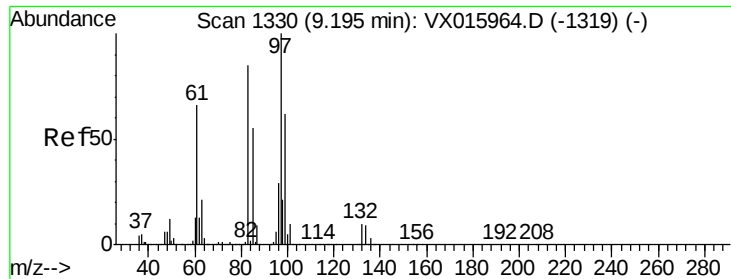
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#54
cis-1,3-Dichloropropene
Concen: 49.528 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.4	38.0
39	51.4	44.1	66.1





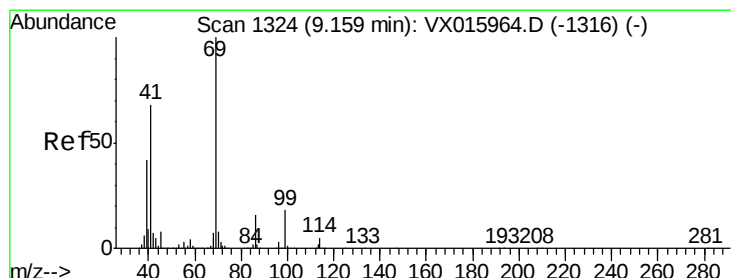
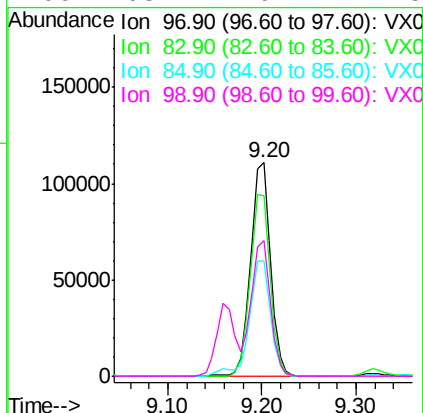
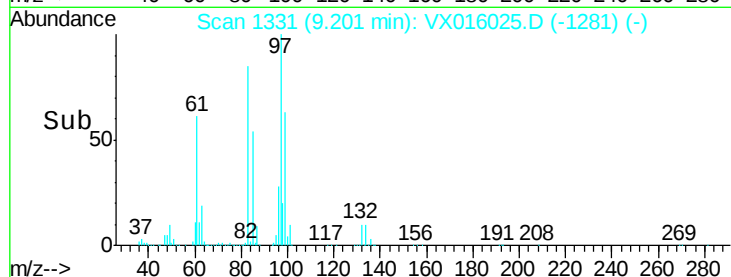
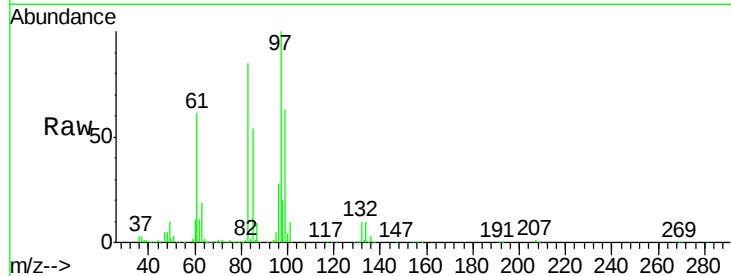
#55
 1,1,2-Trichloroethane
 Concen: 51.648 ug/l
 RT: 9.20 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VX016025.D
 Acq: 01 May 2020 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	165855
Ion	Ratio	Lower	Upper
97	100		
83	84.5	68.2	102.2
85	54.1	43.7	65.5
99	63.4	49.7	74.5

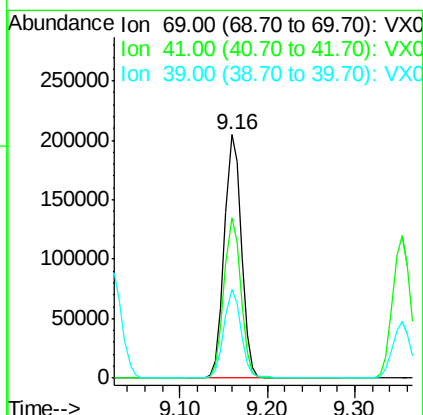
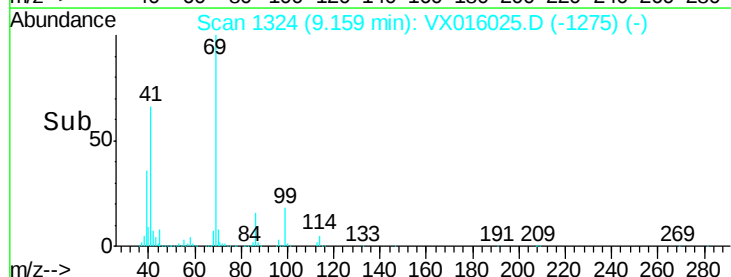
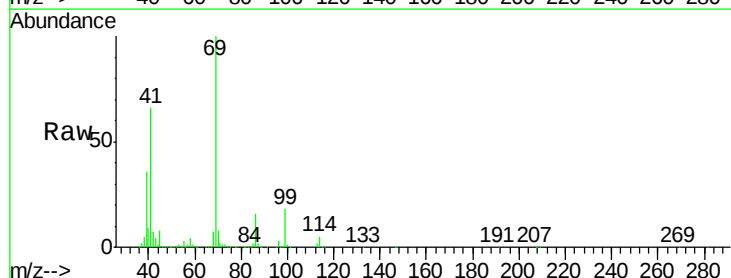
Manual Integrations
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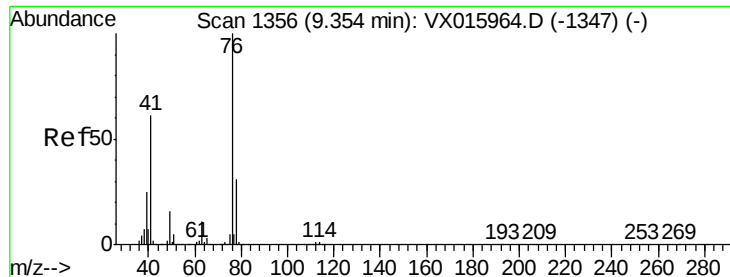
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#56
 Ethyl methacrylate
 Concen: 52.738 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016025.D
 Acq: 01 May 2020 20:26

Tgt Ion:	69	Resp:	275377
Ion	Ratio	Lower	Upper
69	100		
41	65.2	53.5	80.3
39	36.4	33.4	50.0





#57

1,3-Dichloropropane

Concen: 51.491 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 284099

Ion Ratio Lower Upper

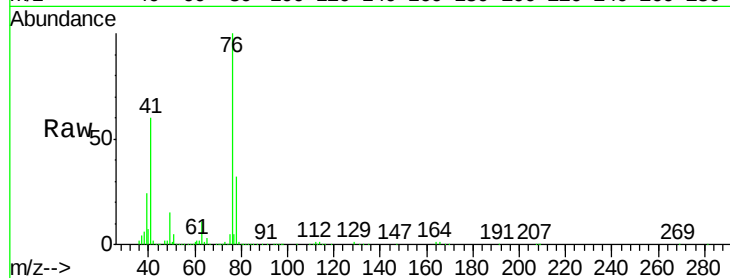
76 100

78 32.3 25.5 38.3

Manual Integrations
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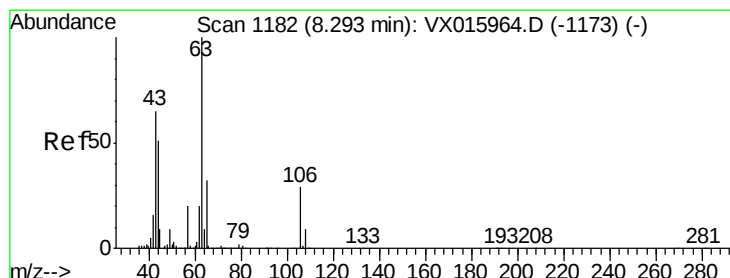
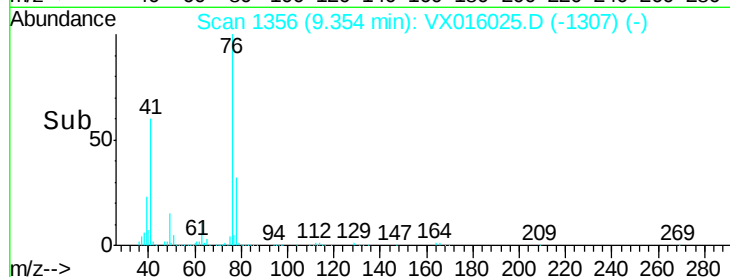
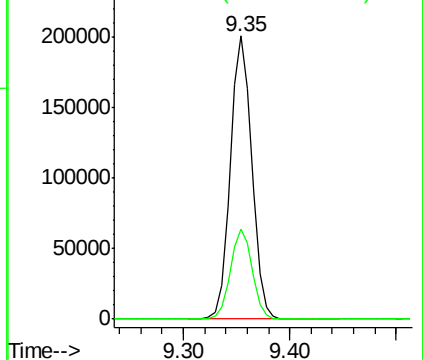
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 258.163 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX016025.D

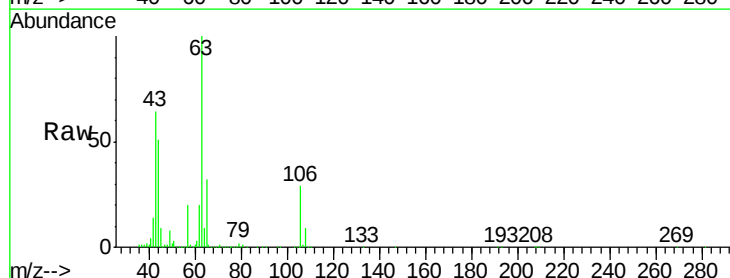
Acq: 01 May 2020 20:26

Tgt Ion: 63 Resp: 696609

Ion Ratio Lower Upper

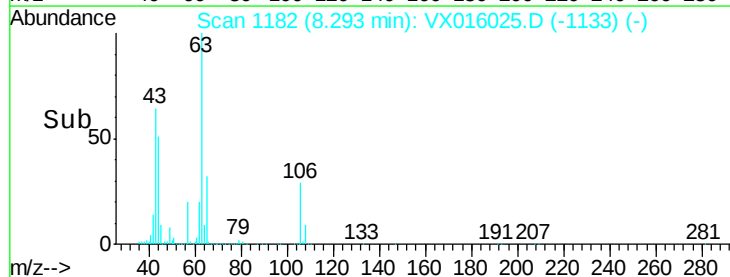
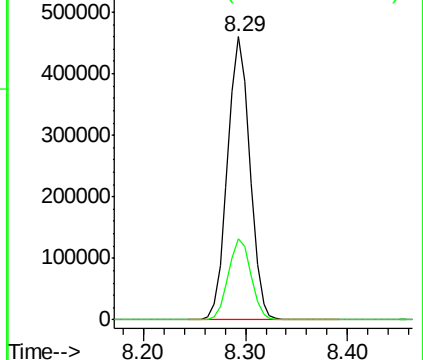
63 100

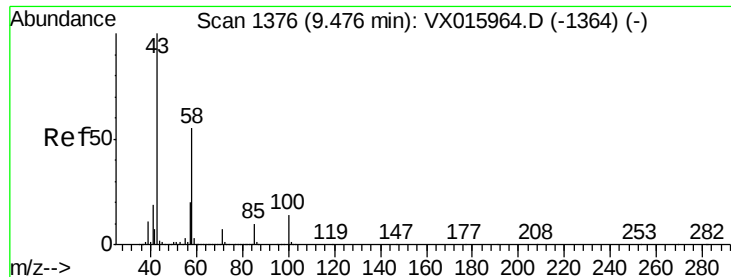
106 28.9 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





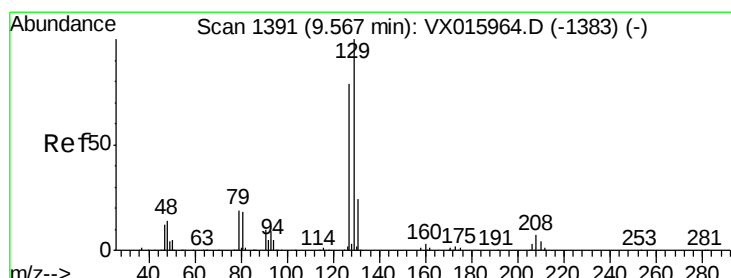
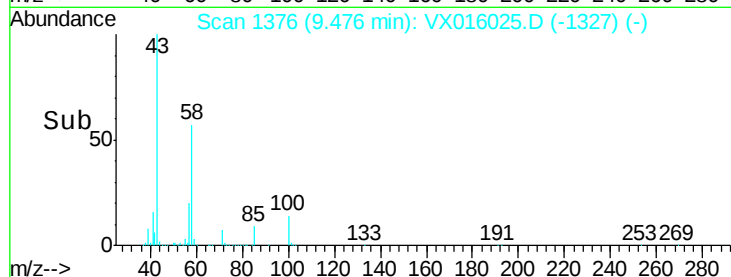
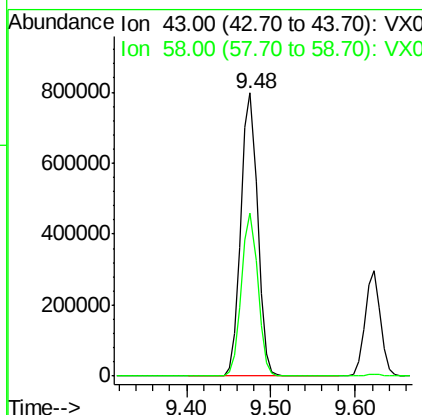
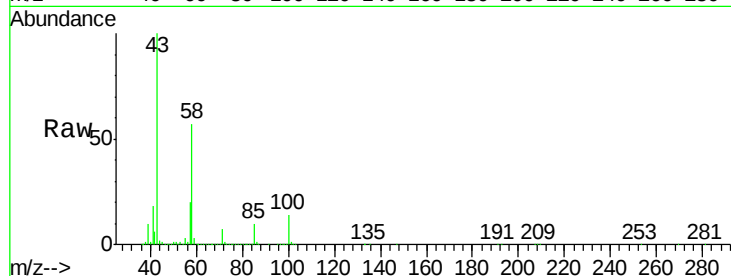
#59
2-Hexanone
Concen: 263.147 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1050886
Ion Ratio Lower Upper
43 100
58 56.8 27.7 83.1

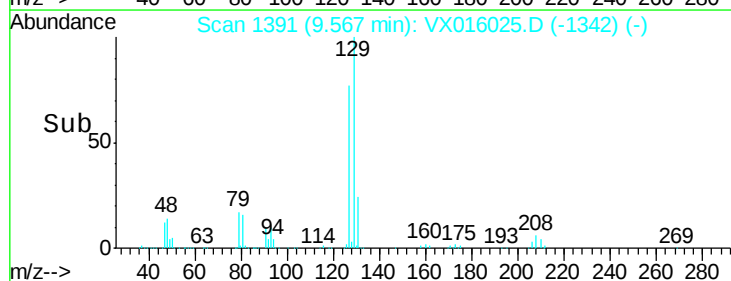
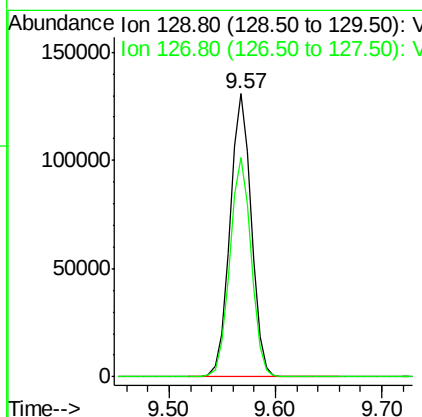
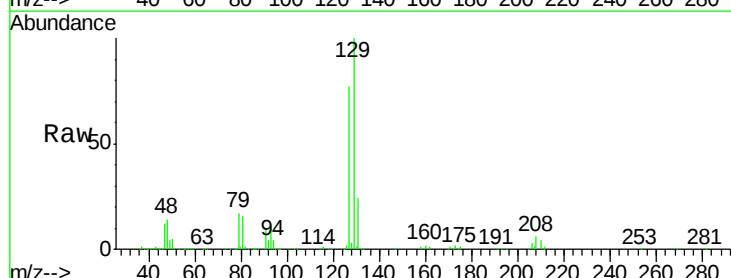
Manual Integrations
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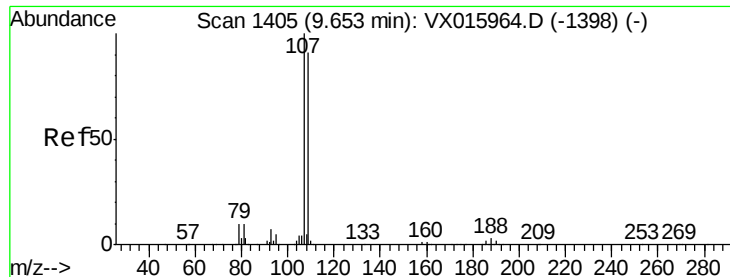
MMDadoda
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#60
Dibromochloromethane
Concen: 51.145 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Tgt Ion: 129 Resp: 183828
Ion Ratio Lower Upper
129 100
127 77.5 39.4 118.1





#61

1,2-Dibromoethane

Concen: 51.214 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 178341

Ion Ratio Lower Upper

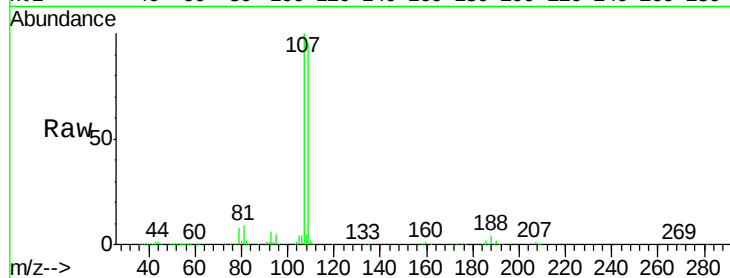
107 100

109 94.0 74.9 112.3

Manual Integrations
APPROVED

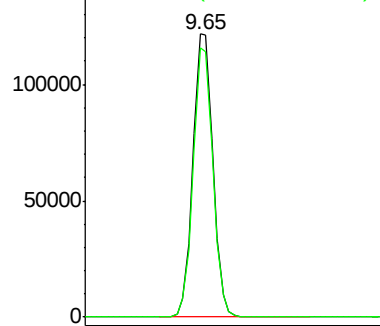
MMDadoda

5/4/2020 2:20:08 PM

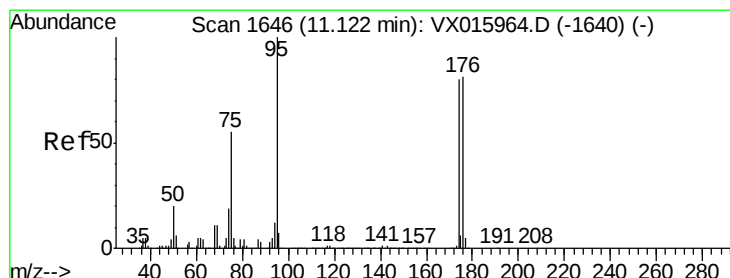
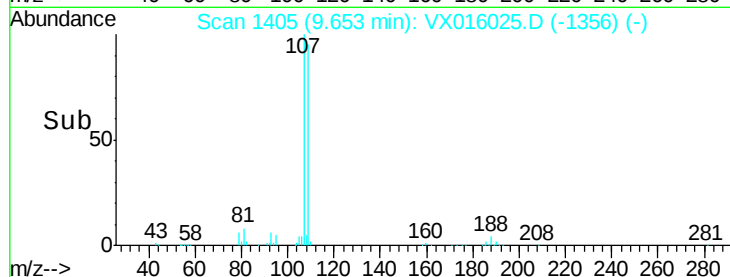


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 48.205 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

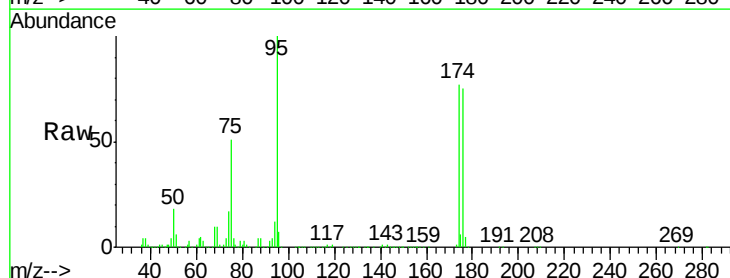
Tgt Ion: 95 Resp: 205414

Ion Ratio Lower Upper

95 100

174 79.5 0.0 165.0

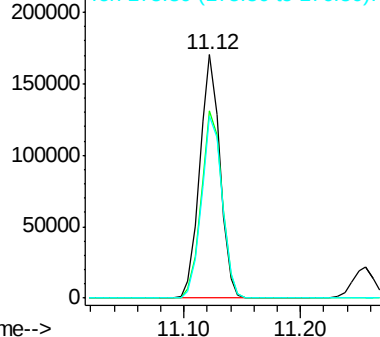
176 77.2 0.0 163.2



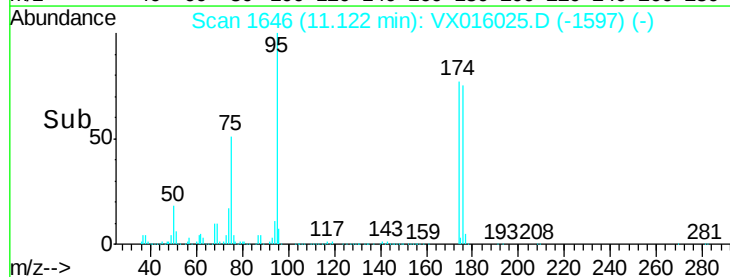
Abundance Ion 94.90 (94.60 to 95.60): VX0

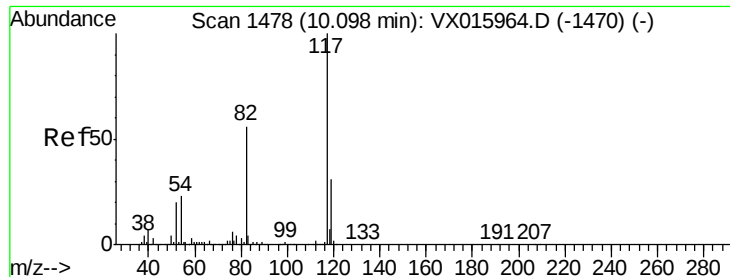
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





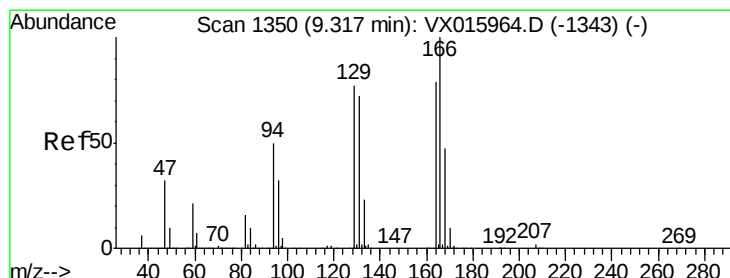
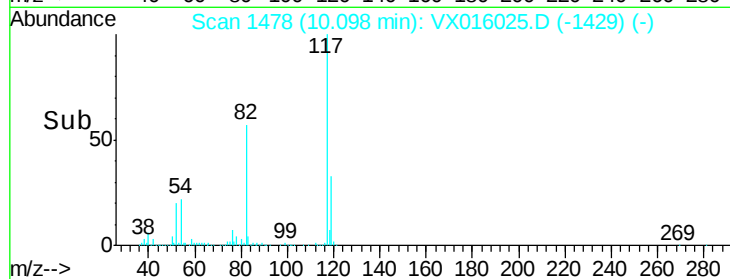
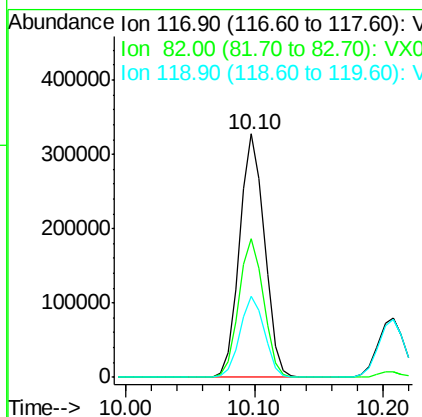
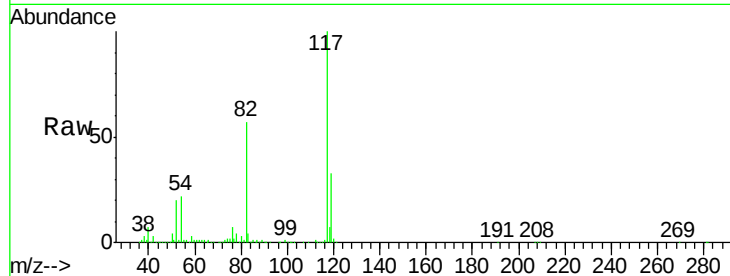
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.8	44.5	66.7
119	33.0	25.0	37.6

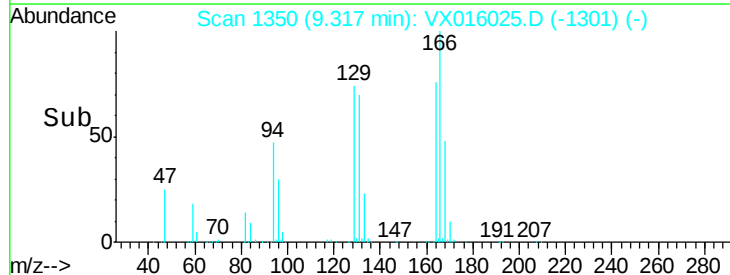
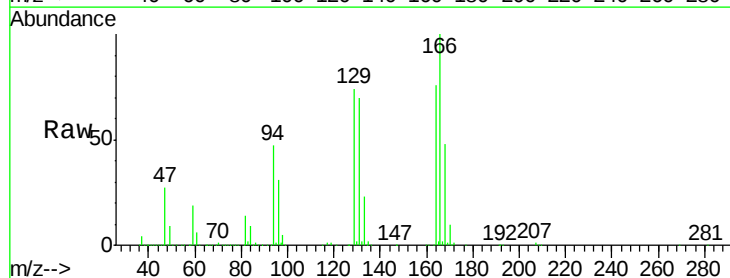
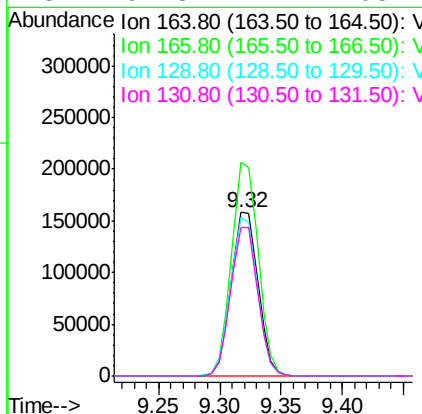
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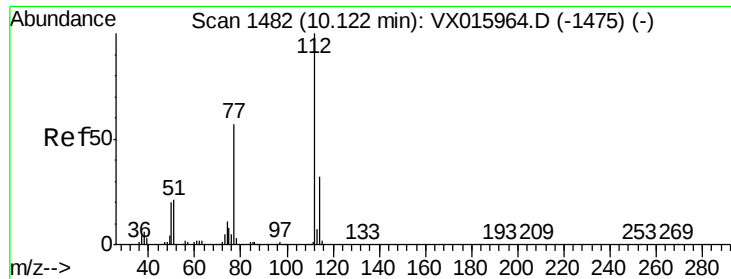
MMDadoda
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#64
Tetrachloroethene
Concen: 46.441 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.8	101.0	151.4
129	96.9	77.4	116.0
131	91.3	72.2	108.2





#65

Chlorobenzene

Concen: 49.006 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 436692

Ion Ratio Lower Upper

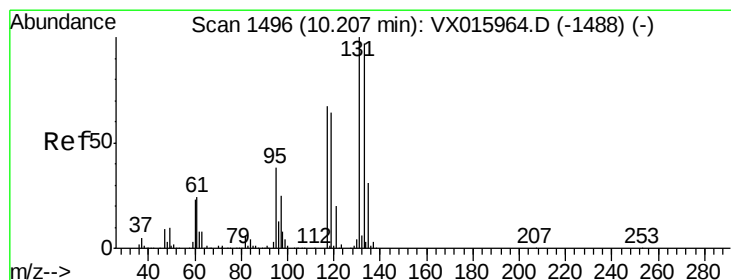
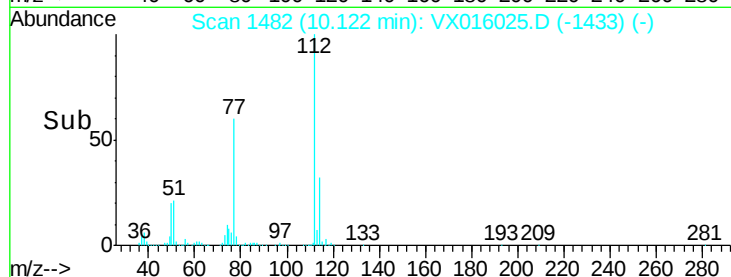
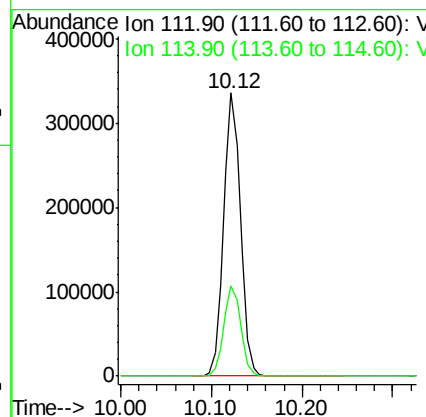
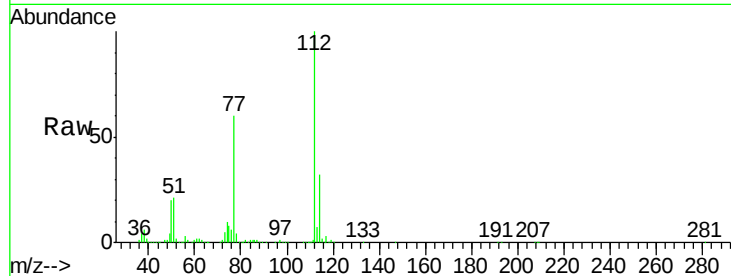
112 100

114 32.0 25.4 38.0

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 49.462 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

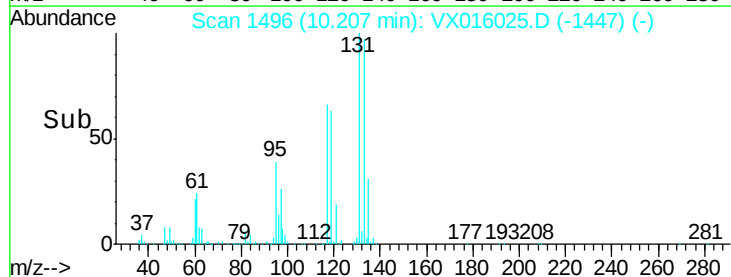
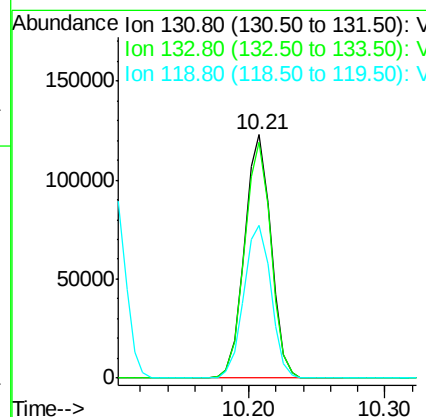
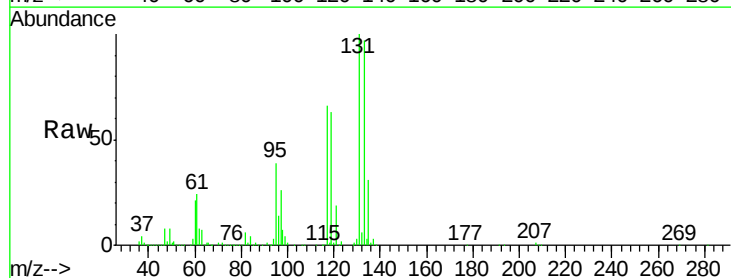
Tgt Ion:131 Resp: 166584

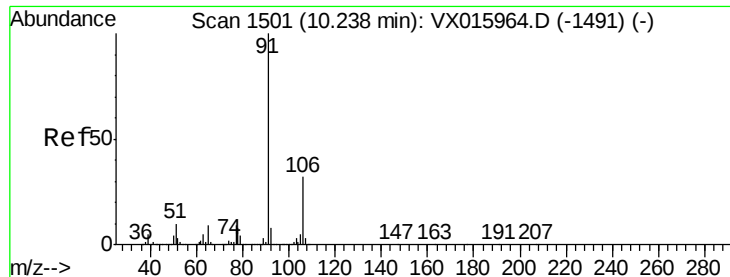
Ion Ratio Lower Upper

131 100

133 96.6 48.3 144.8

119 64.8 31.6 94.8





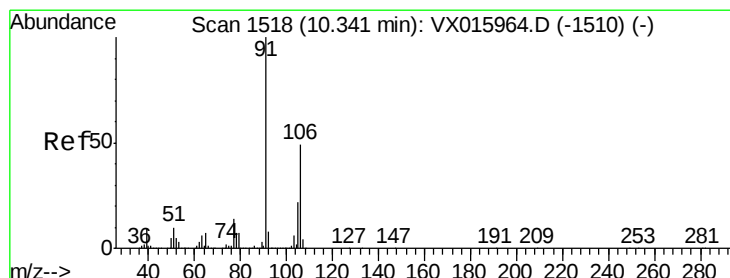
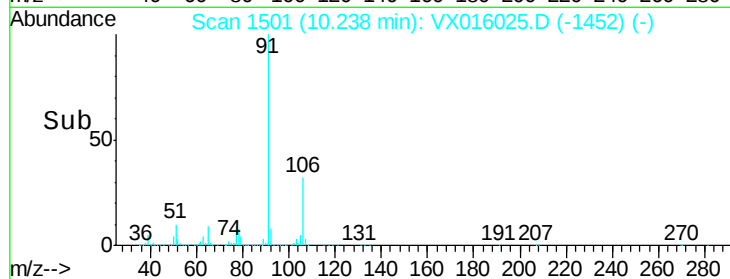
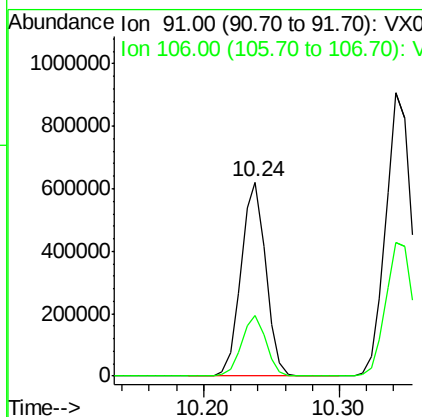
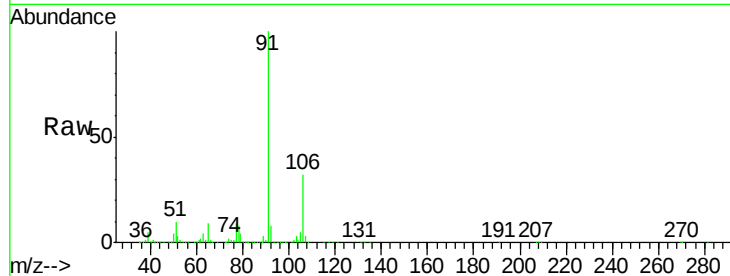
#67
Ethyl Benzene
Concen: 49.495 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 785447
Ion Ratio Lower Upper
91 100
106 31.5 25.3 37.9

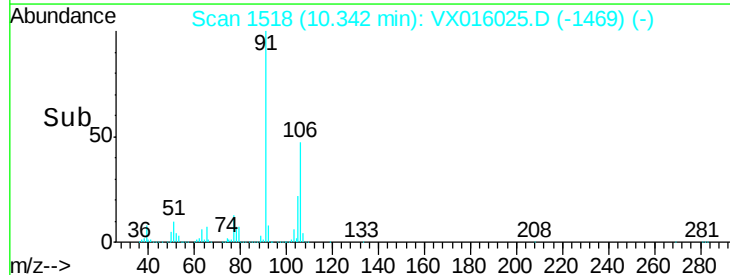
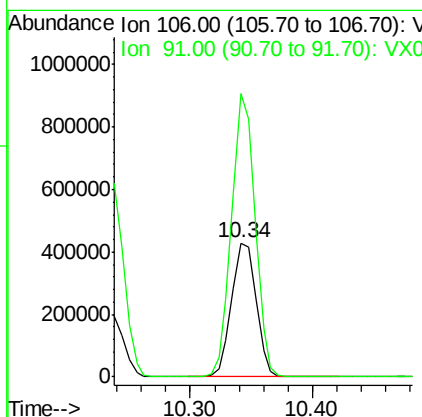
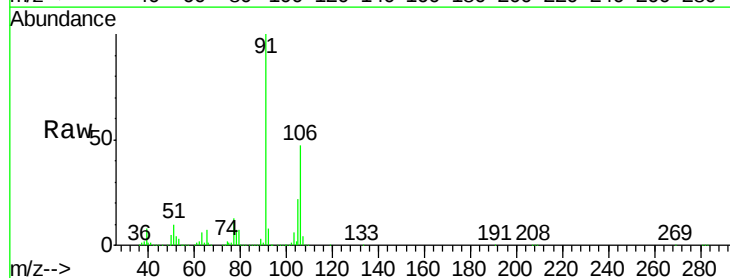
Manual Integrations
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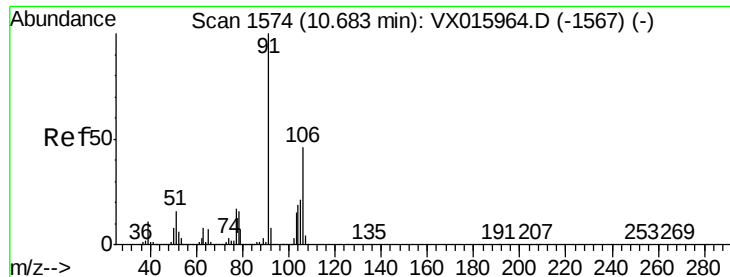
MMDadoda
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#68
m/p-Xylenes
Concen: 98.517 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Tgt Ion: 106 Resp: 593226
Ion Ratio Lower Upper
106 100
91 202.9 161.6 242.4





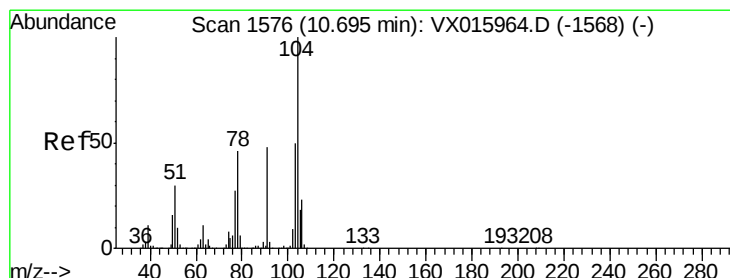
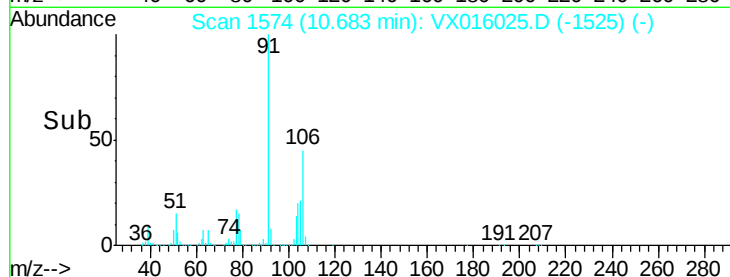
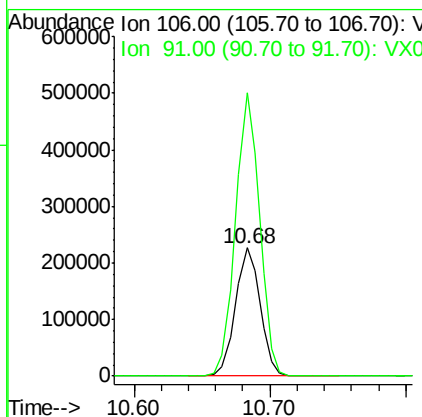
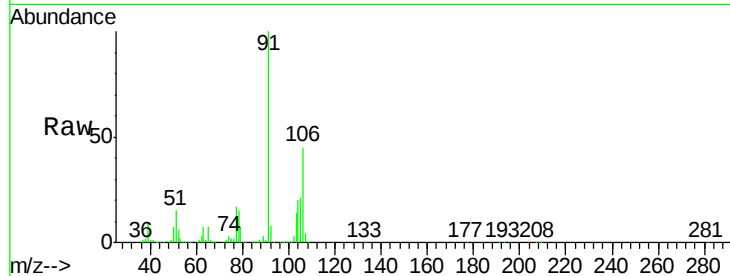
#69
o-Xylene
Concen: 50.046 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		286119		
91	215.9	106.1	318.3		

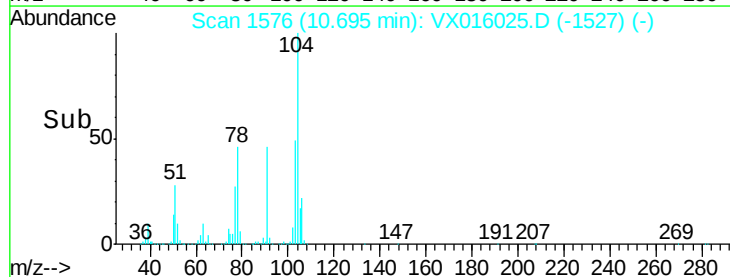
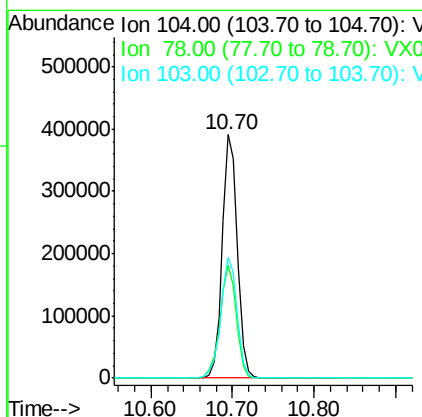
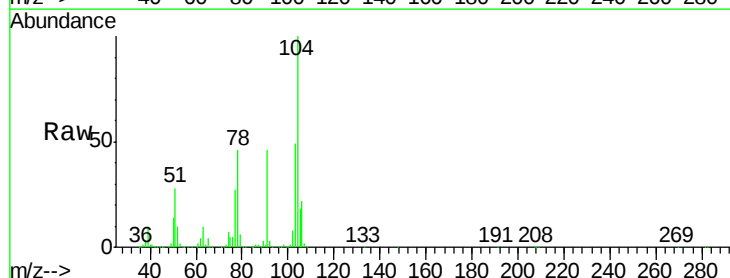
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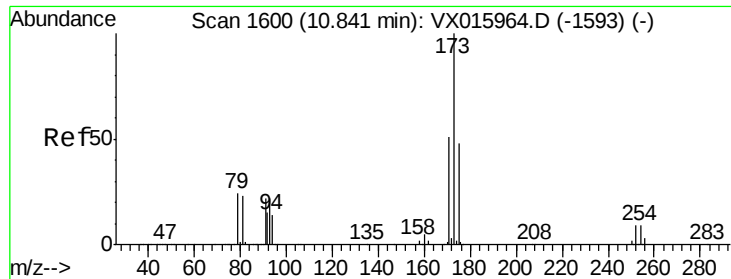
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#70
Styrene
Concen: 51.113 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		501406		
78	50.5	41.0	61.4		
103	53.7	43.4	65.2		





#71

Bromoform

Concen: 45.713 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Instrument :

MSVOA_X

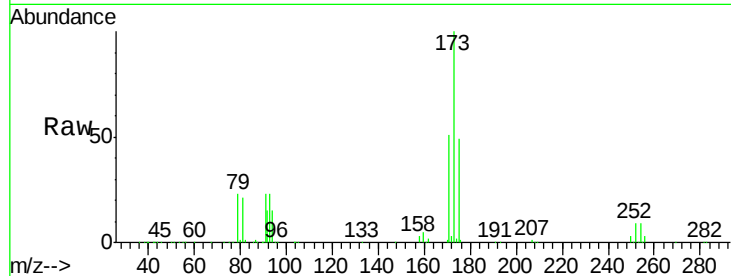
ClientSampleId :

VSTDCCC050EC

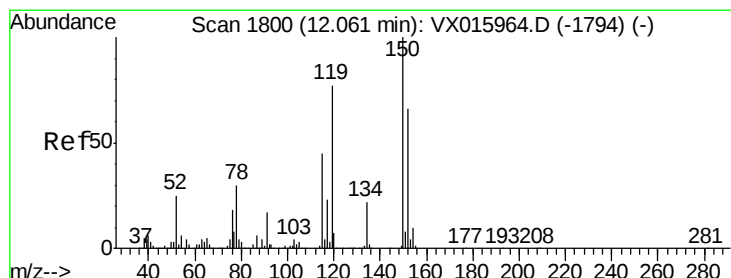
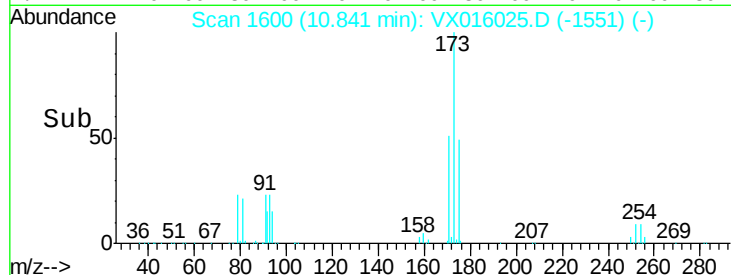
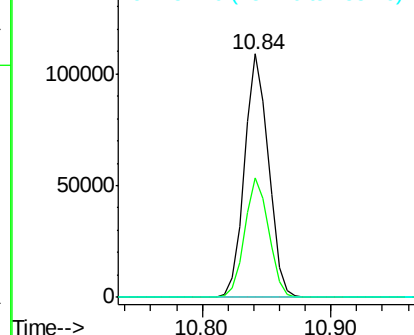
Tot Ion:	173	Resp:	139439
Ion Ratio	Lower	Upper	
173	100		
175	49.4	24.1	72.4
254	0.1	0.1	0.1

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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

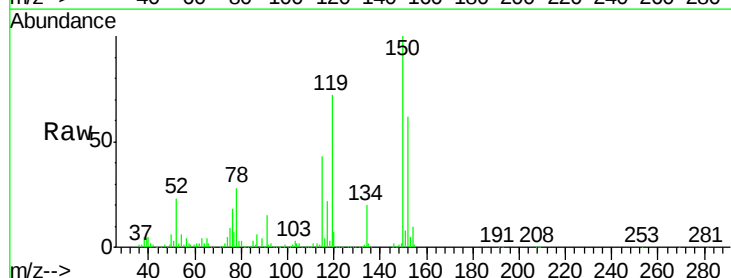
RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

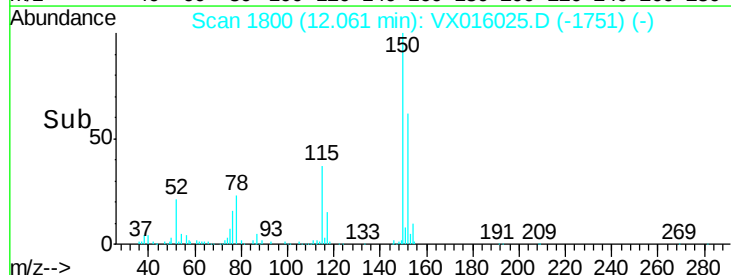
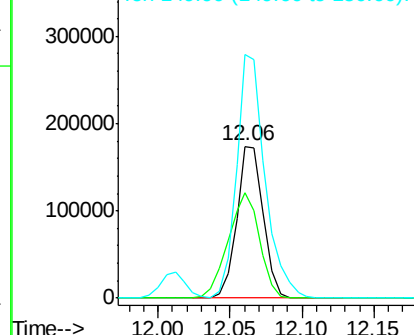
Lab File: VX016025.D

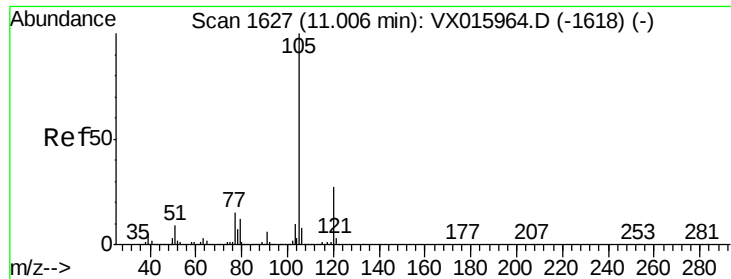
Acq: 01 May 2020 20:26

Tgt Ion:	152	Resp:	222347
Ion Ratio	Lower	Upper	
152	100		
115	82.3	40.9	122.7
150	173.6	0.0	342.4



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: 51.366 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 776953

Ion Ratio Lower Upper

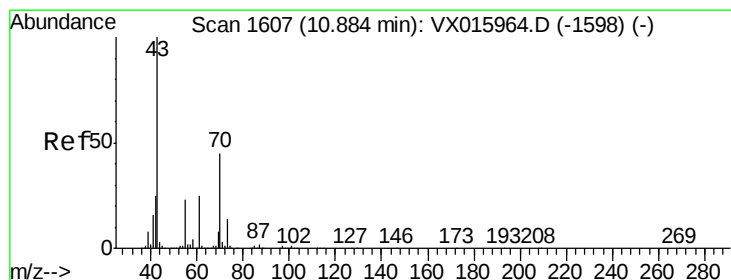
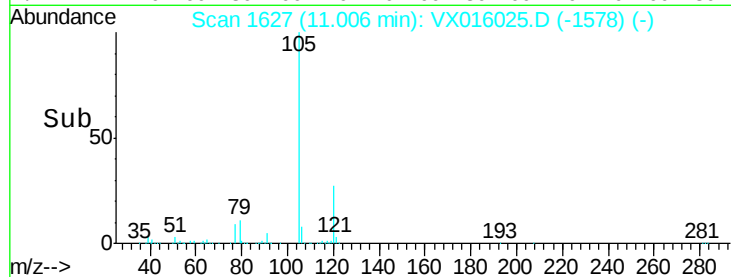
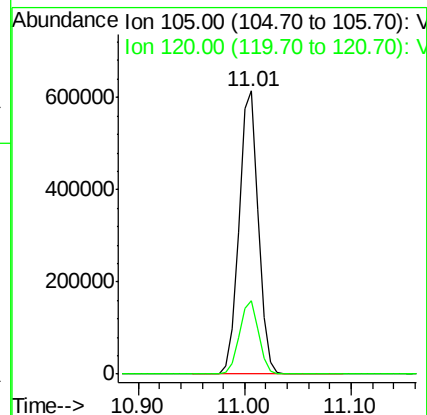
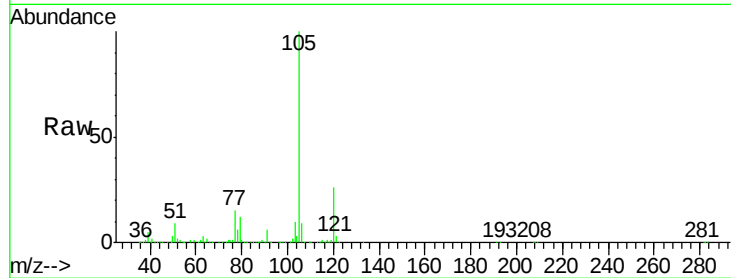
105 100

120 26.0 13.3 39.8

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#74

N-ethyl acetate

Concen: 50.891 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Tgt Ion: 43 Resp: 371252

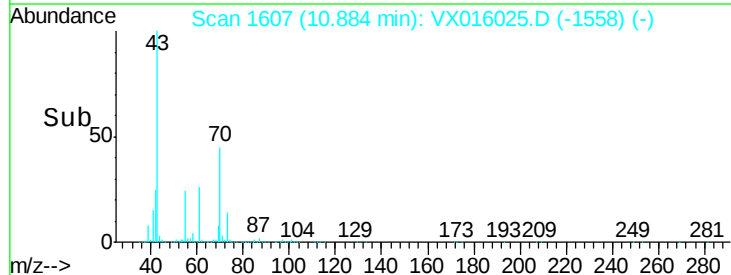
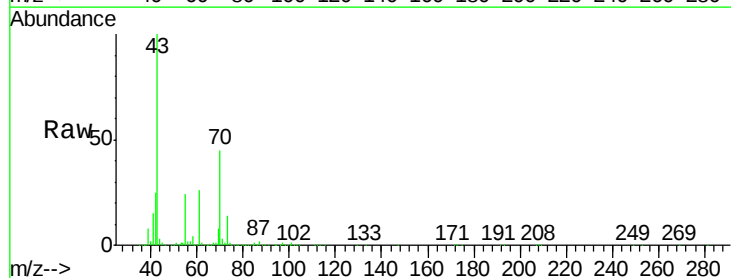
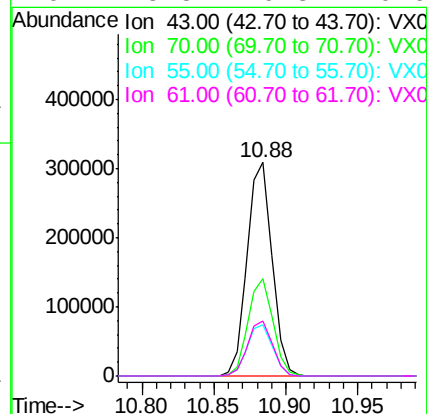
Ion Ratio Lower Upper

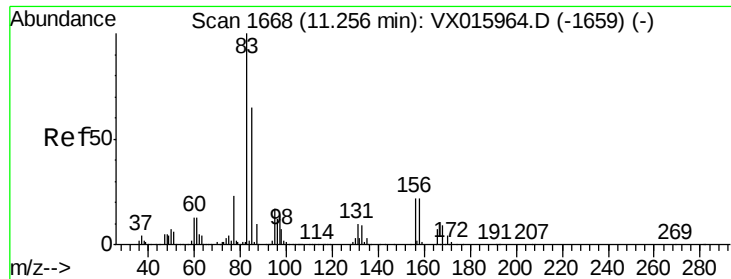
43 100

70 45.1 34.5 51.7

55 24.7 18.6 28.0

61 25.8 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 48.844 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Instrument :

MSVOA_X

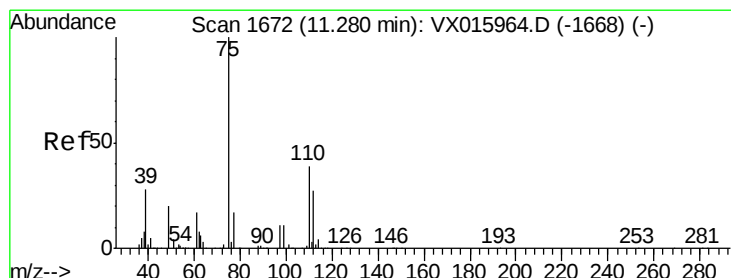
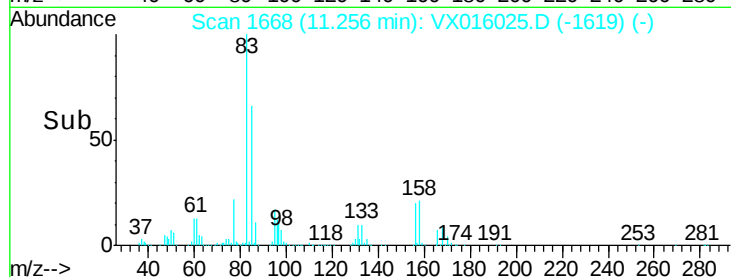
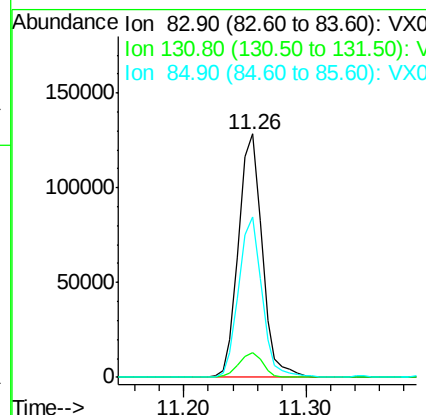
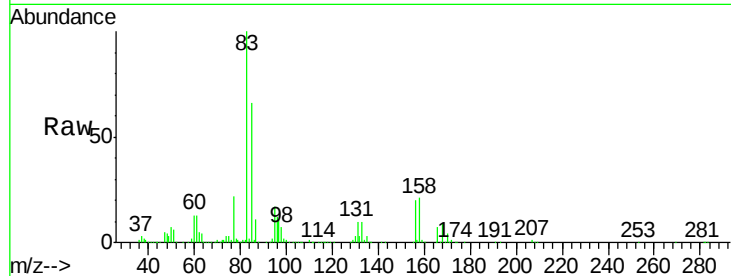
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	171171
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.4
85	65.2	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 52.443 ug/l m

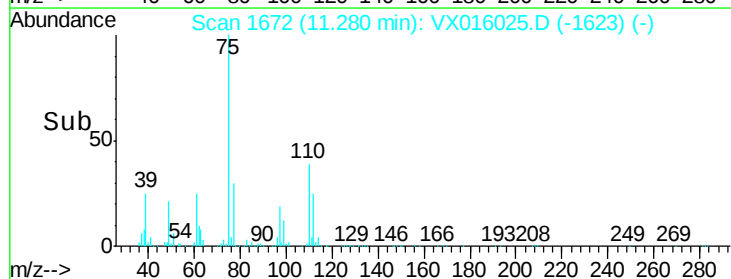
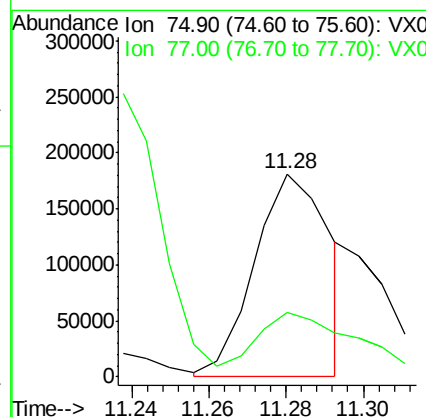
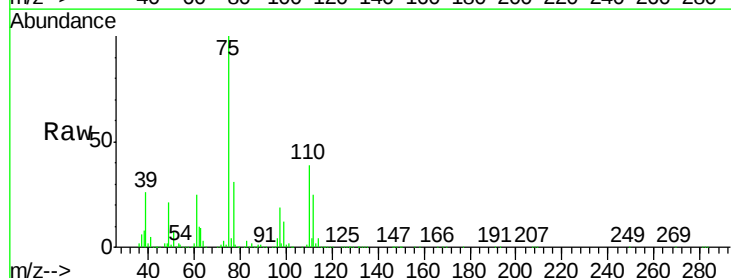
RT: 11.28 min Scan# 1672

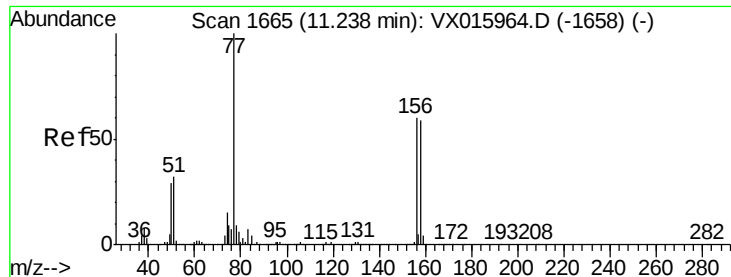
Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Tgt Ion:	75	Resp:	244677
Ion Ratio	Lower	Upper	
75	100		
77	43.1	21.6	65.0





#77

Bromobenzene

Concen: 50.162 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Instrument :

MSVOA_X

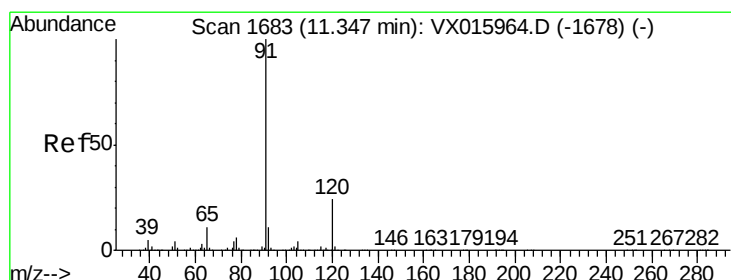
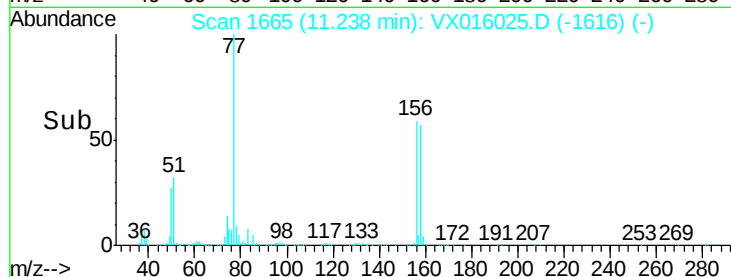
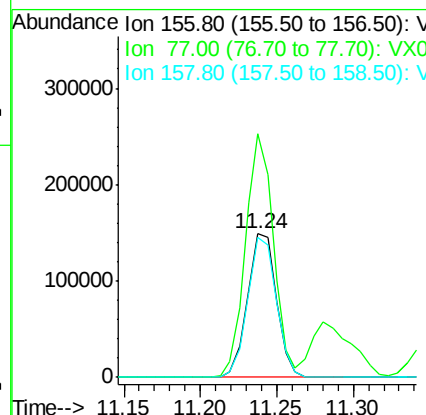
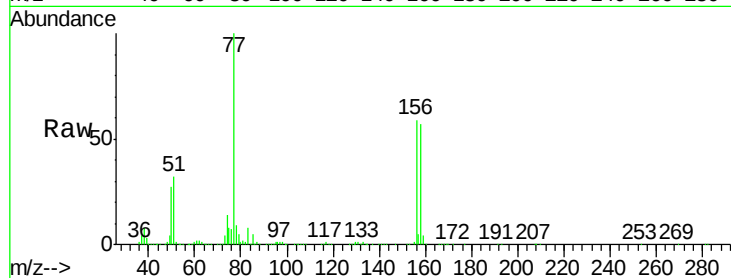
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	195305
Ion Ratio	Lower	Upper	
156	100		
77	163.6	78.3	234.8
158	96.7	48.5	145.5

Manual Integrations
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#78

n-propylbenzene

Concen: 51.429 ug/l

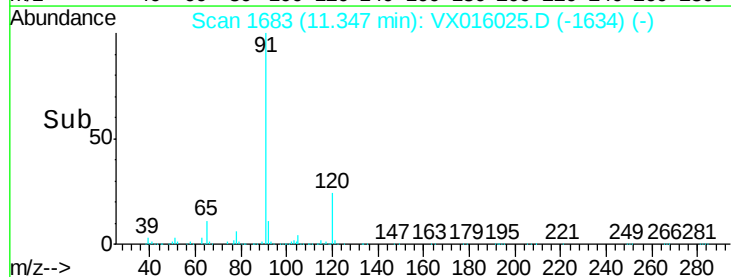
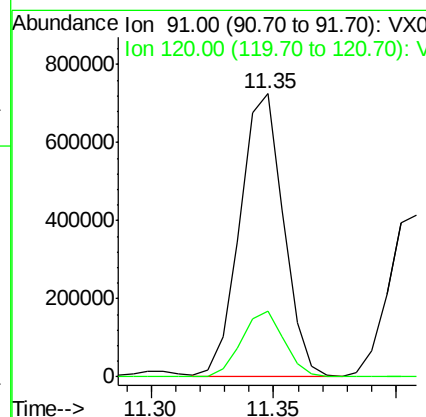
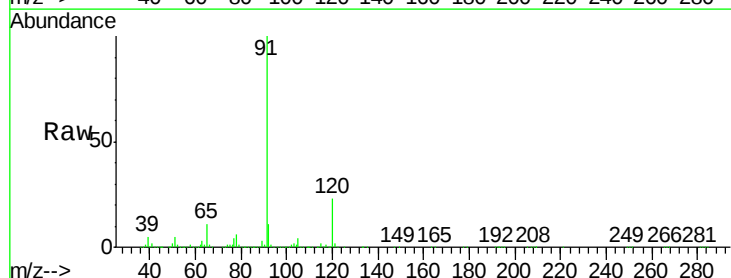
RT: 11.35 min Scan# 1683

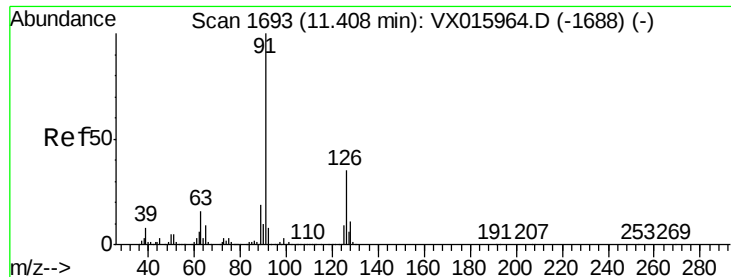
Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Tgt Ion:	91	Resp:	894867
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.8	35.3





#79

2-Chlorotoluene

Concen: 51.146 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VX016025.D

Acq: 01 May 2020 20:26

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 530246

Ion Ratio Lower Upper

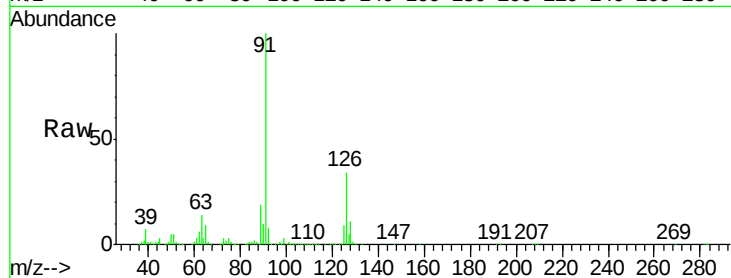
91 100

126 33.2 17.0 51.0

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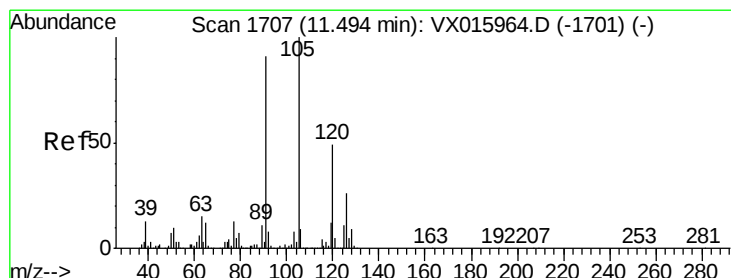
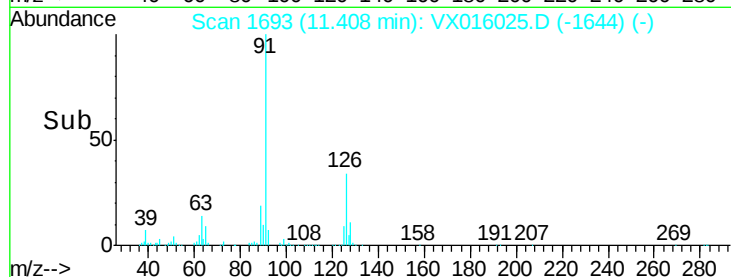
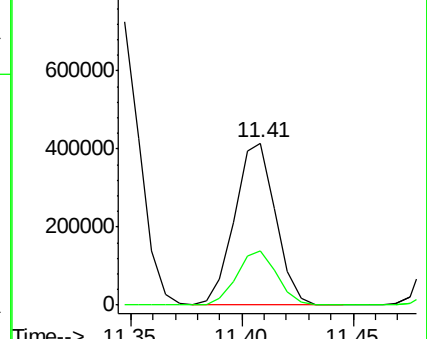
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Abundance Ion 91.00 (90.70 to 91.70): VX015964.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX015964.D (-1688) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.404 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016025.D

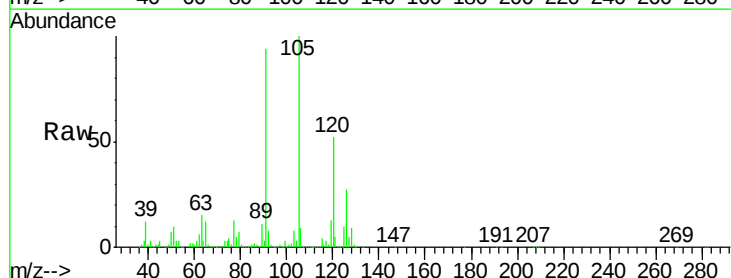
Acq: 01 May 2020 20:26

Tgt Ion: 105 Resp: 654963

Ion Ratio Lower Upper

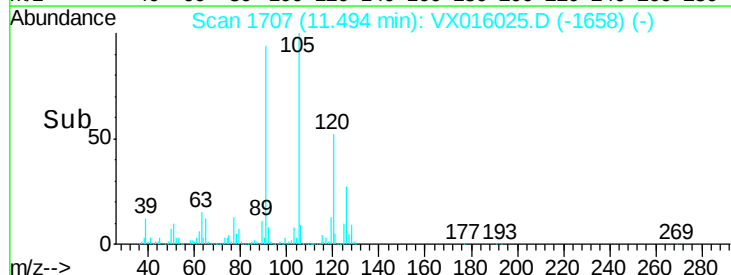
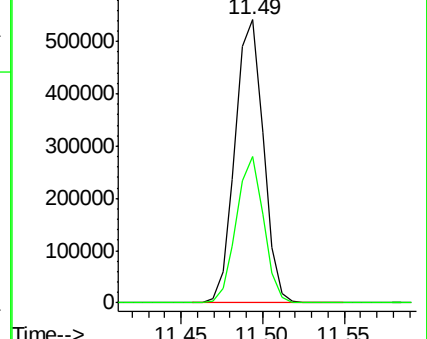
105 100

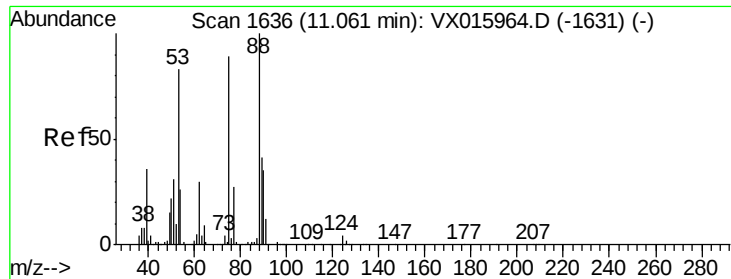
120 49.9 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VX015964.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX015964.D (-1701) (-)





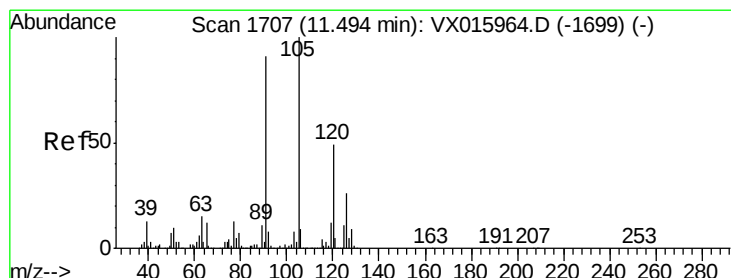
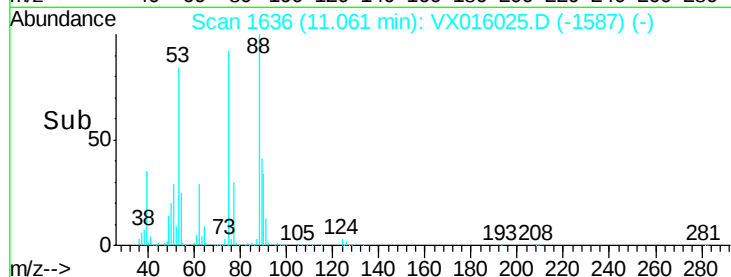
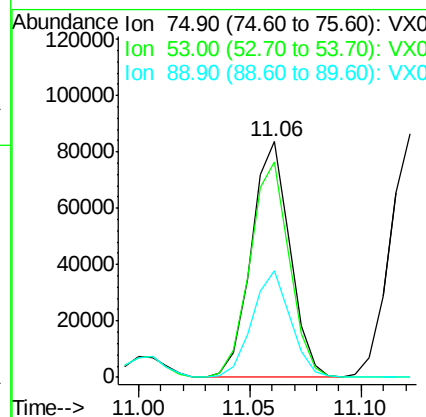
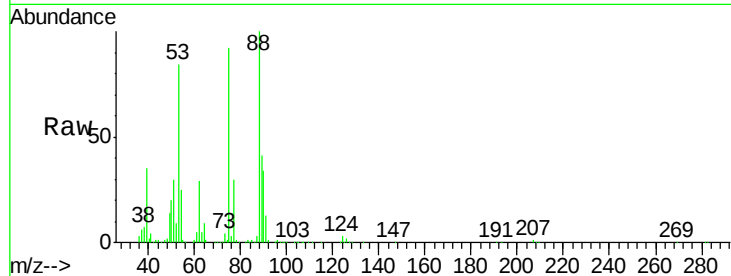
#81
trans-1,4-Dichloro-2-butene
Concen: 51.036 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.9	78.3	117.5
89	44.6	37.2	55.8

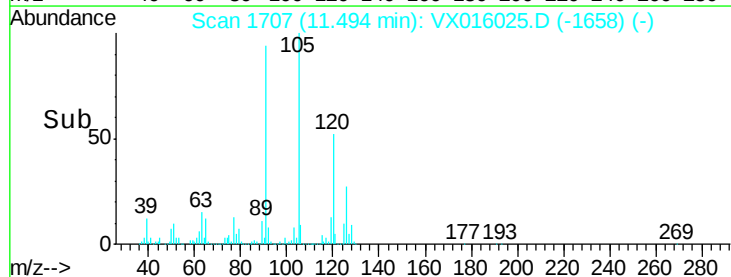
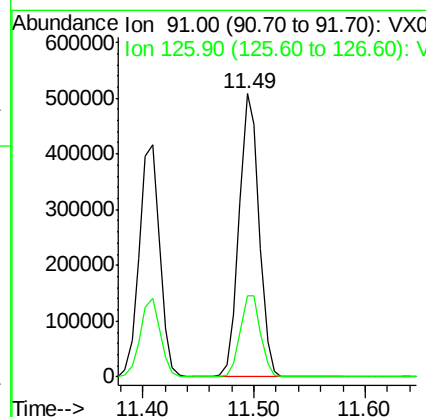
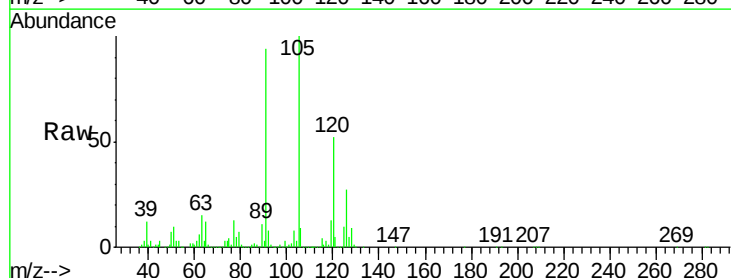
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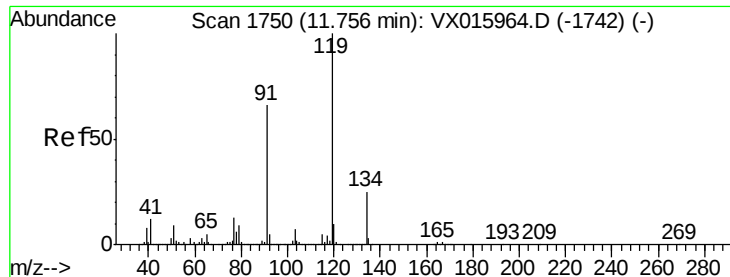
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#82
4-Chlorotoluene
Concen: 50.636 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.6	14.8	44.3





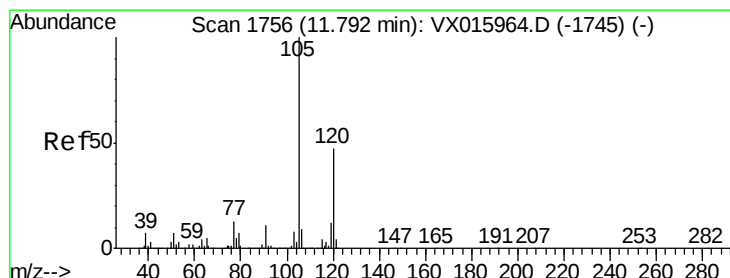
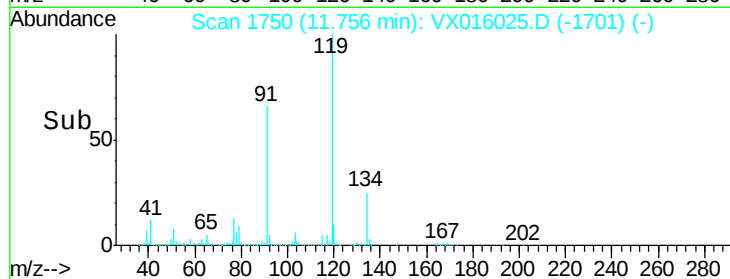
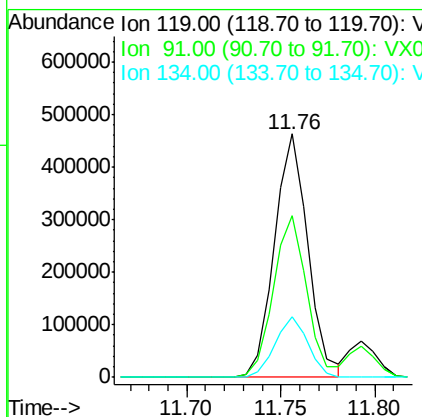
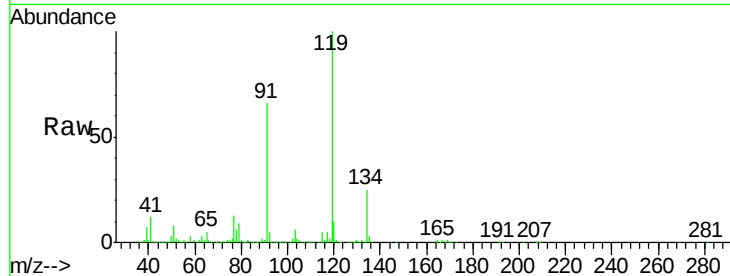
#83
tert-Butylbenzene
Concen: 51.753 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	568575		
91	66.6	33.5	100.4	
134	24.3	12.4	37.2	

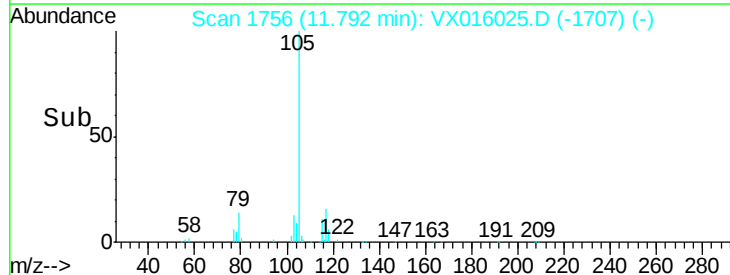
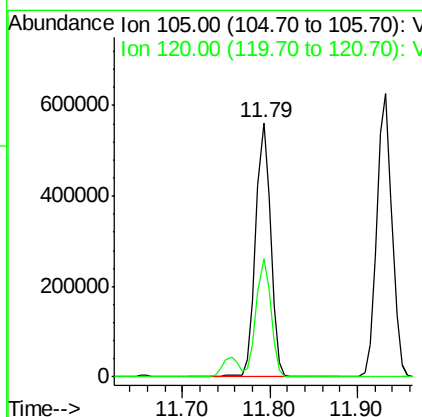
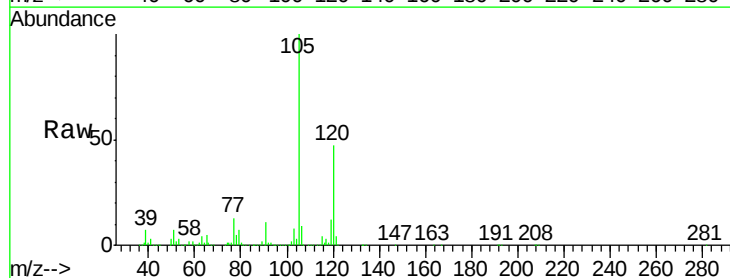
Manual Integrations
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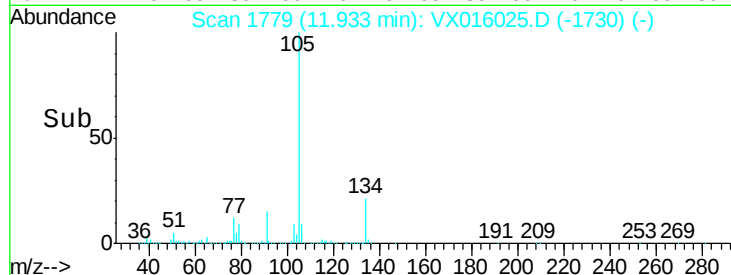
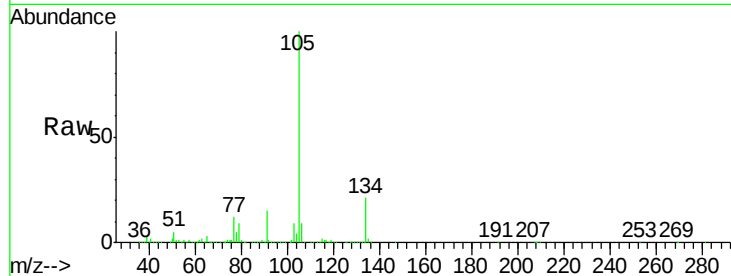
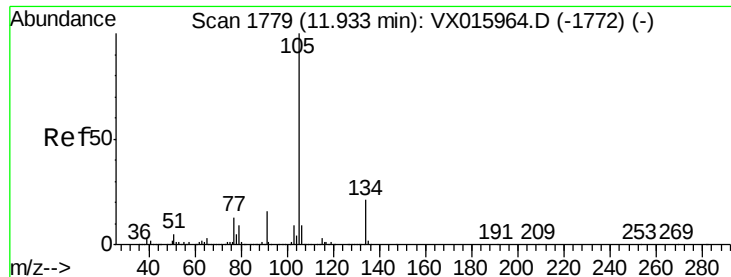
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#84
1,2,4-Trimethylbenzene
Concen: 51.484 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	660200		
120	46.0	22.9	68.8	





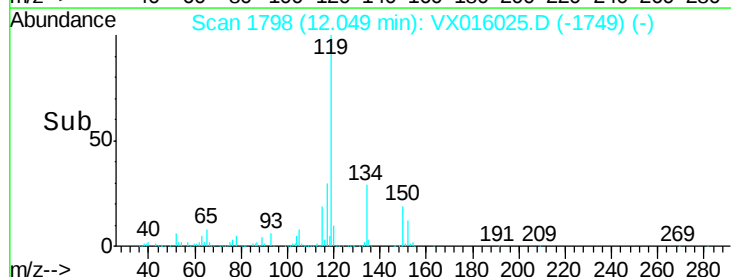
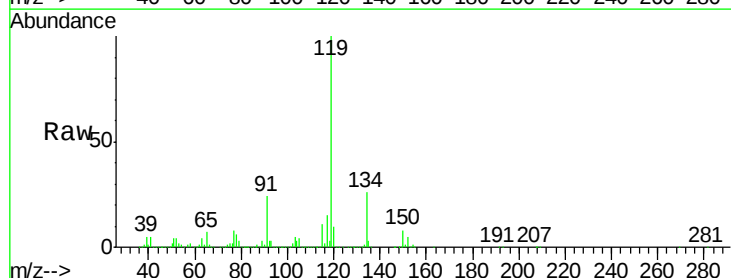
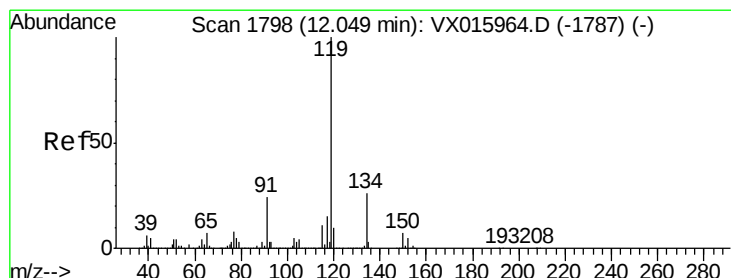
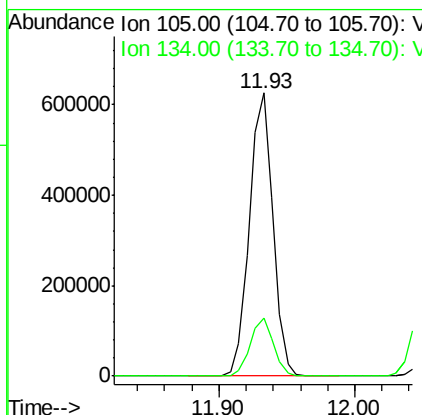
#85
 sec-Butylbenzene
 Concen: 51.417 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX016025.D
 Acq: 01 May 2020 20:26

Tot Ion	Ratio	Resp	Lower	Upper
105	100	761065		
134	20.3	10.4	31.1	

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050EC

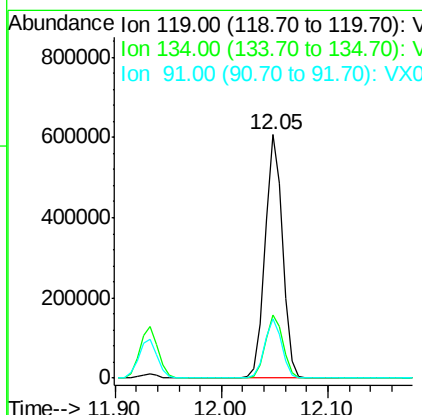
Manual Integrations
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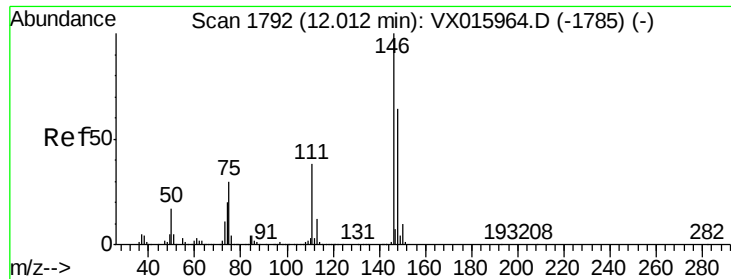
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#86
 p-Isopropyltoluene
 Concen: 50.433 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX016025.D
 Acq: 01 May 2020 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	699228		
134	26.0	13.0	39.0	
91	24.0	11.9	35.9	





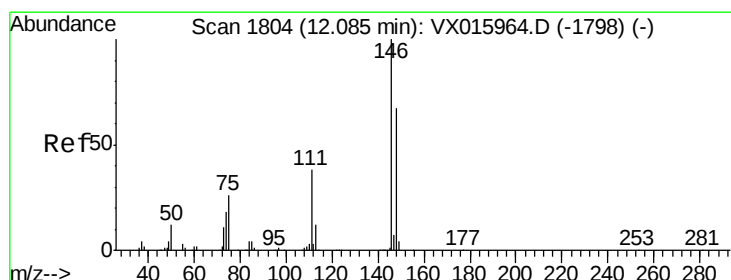
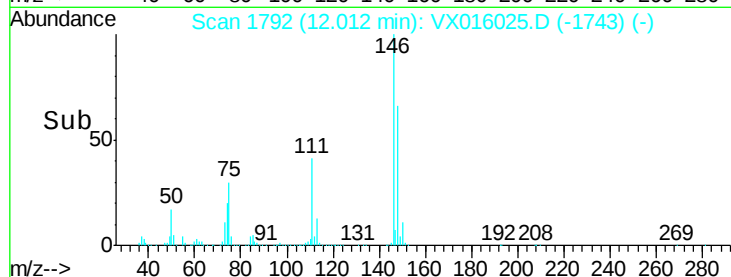
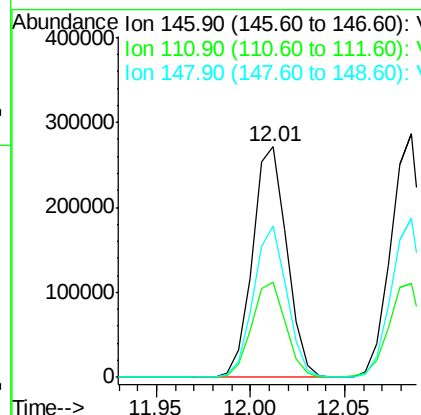
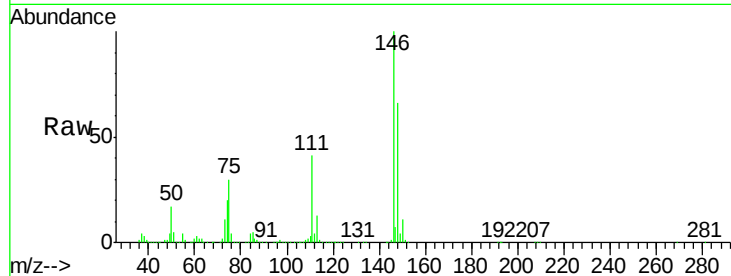
#87
 1,3-Dichlorobenzene
 Concen: 48.140 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX016025.D
 Acq: 01 May 2020 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	19.6	58.8
148	64.1	32.0	96.0

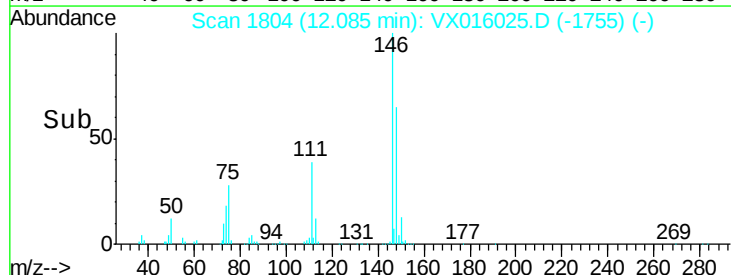
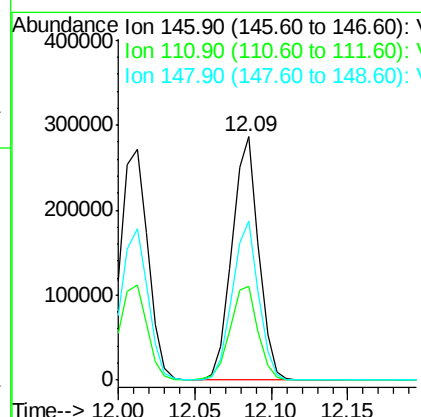
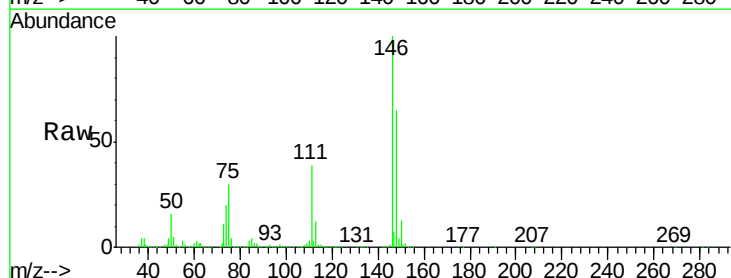
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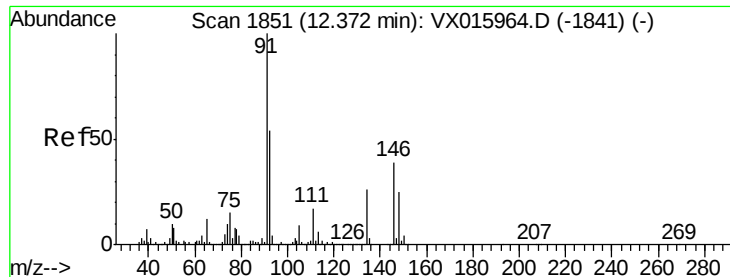
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#88
 1,4-Dichlorobenzene
 Concen: 47.903 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VX016025.D
 Acq: 01 May 2020 20:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.7	59.0
148	64.7	32.8	98.4





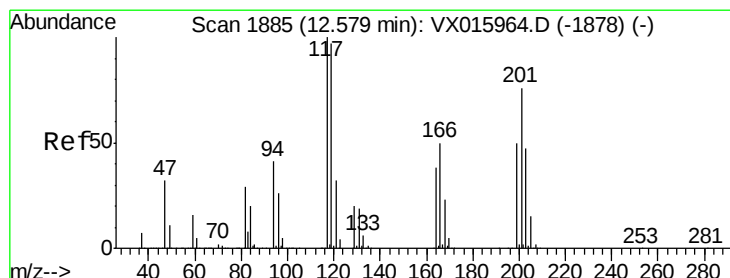
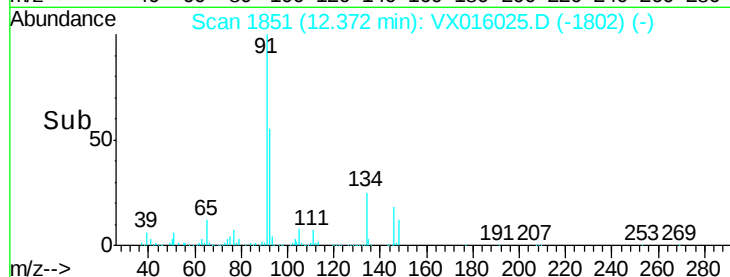
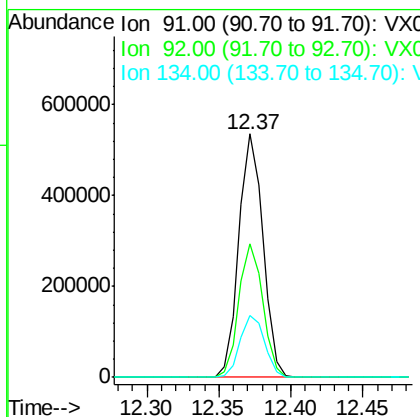
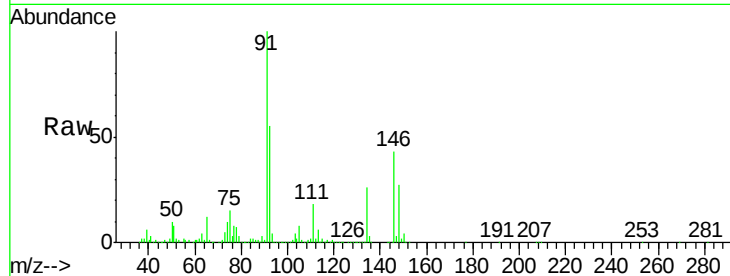
#89
n-Butylbenzene
Concen: 50.042 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.1	81.3
134	26.0	13.3	39.8

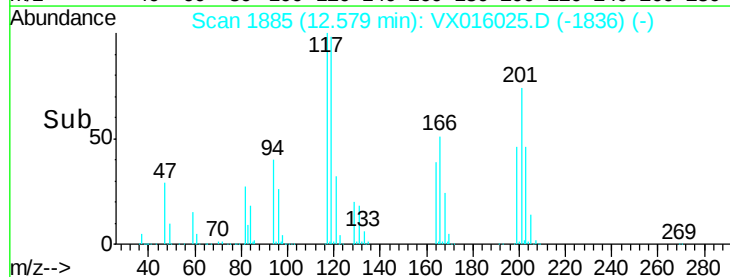
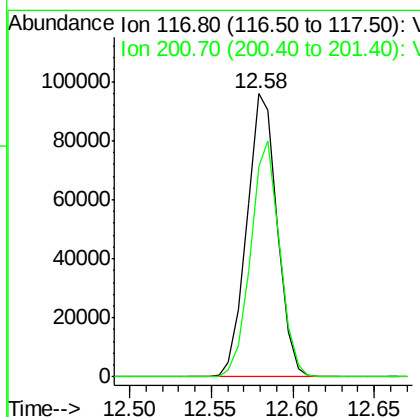
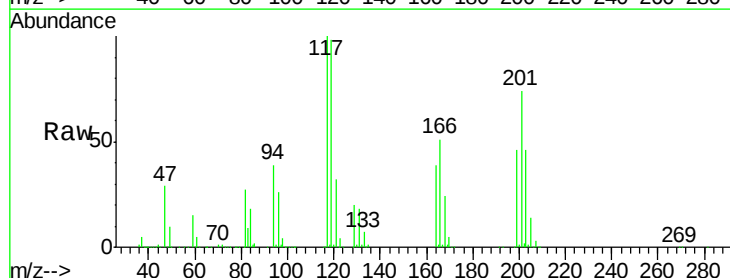
Manual Integrations
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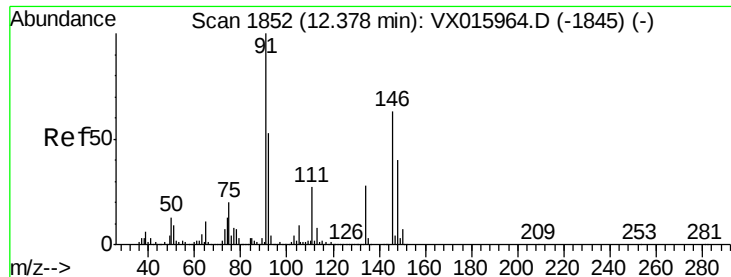
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#90
Hexachloroethane
Concen: 50.820 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.8	40.3	120.8





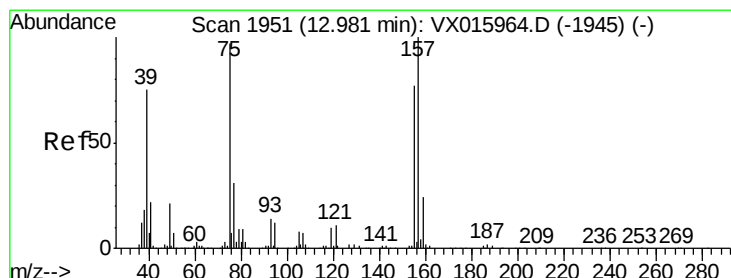
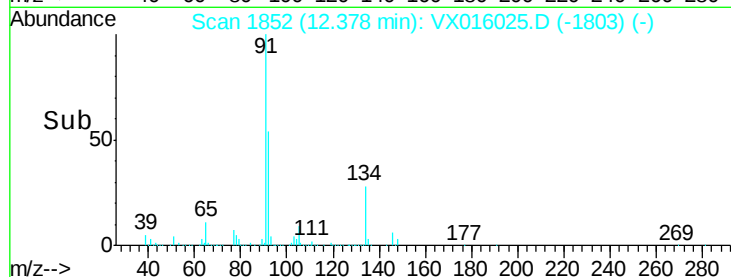
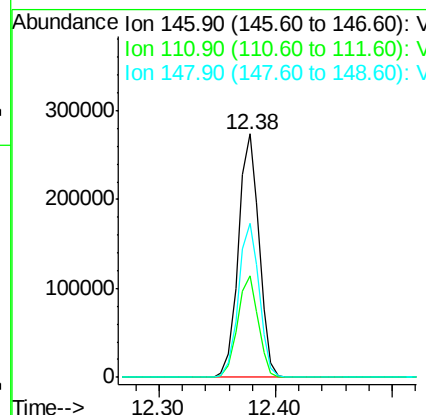
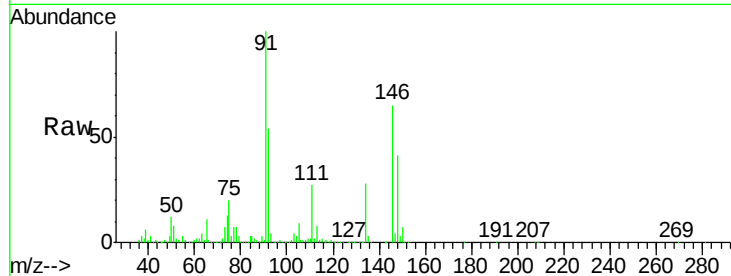
#91
 1,2-Dichlorobenzene
 Concen: 49.839 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016025.D
 Acq: 01 May 2020 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	41.7	21.1	63.3	
148	63.5	32.3	96.9	

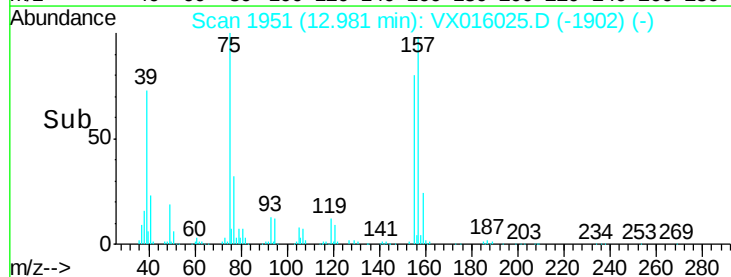
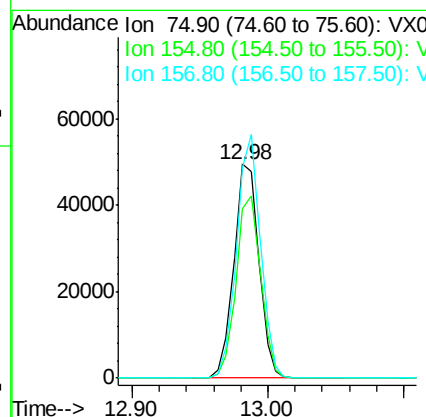
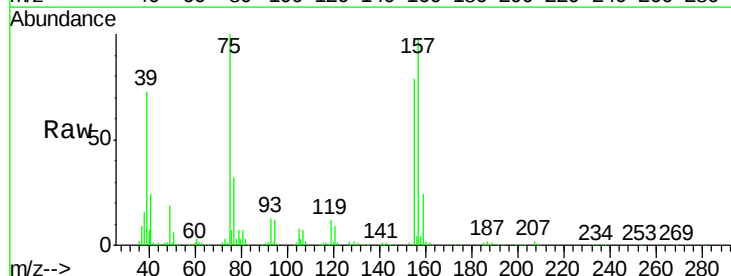
Manual Integrations
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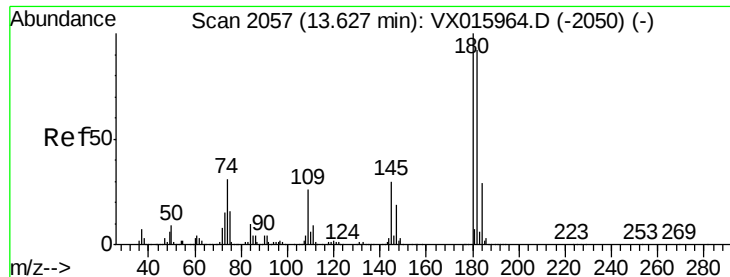
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.855 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX016025.D
 Acq: 01 May 2020 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	84.0	42.5	127.6	
157	108.2	56.0	168.2	





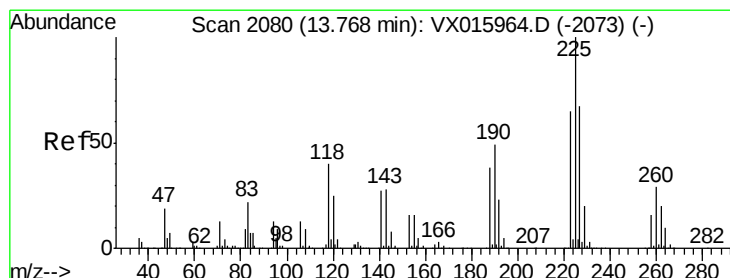
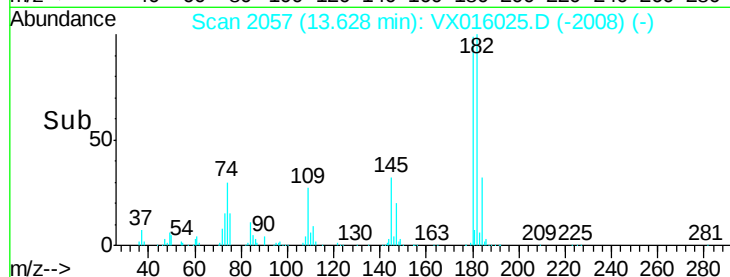
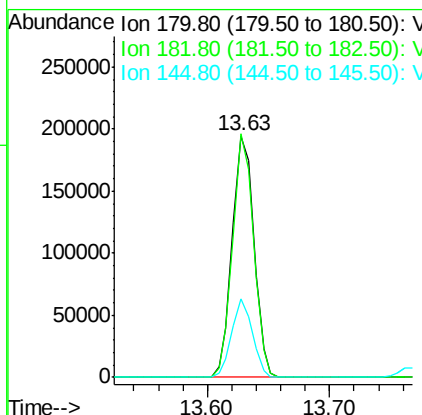
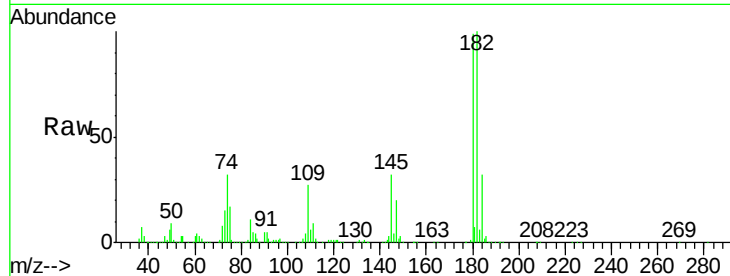
#93
 1,2,4-Trichlorobenzene
 Concen: 46.772 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016025.D
 Acq: 01 May 2020 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	97.0	46.9	140.6	
145	30.9	14.7	44.1	

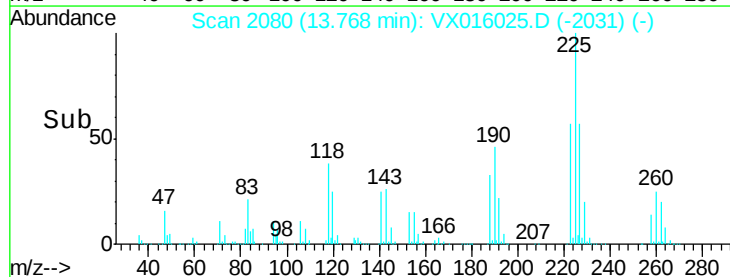
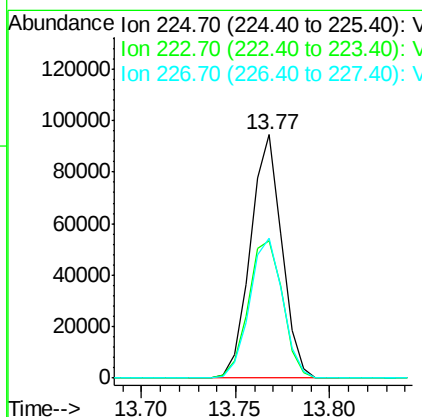
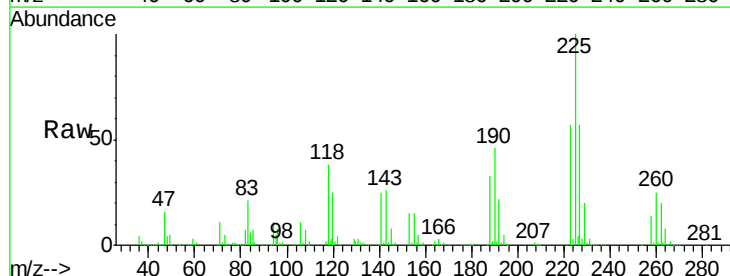
Manual Integrations
 APPROVED

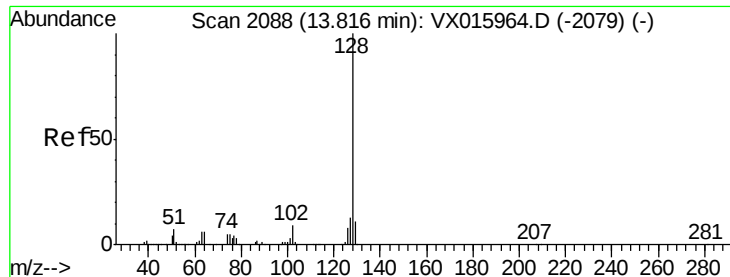
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 47.971 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016025.D
 Acq: 01 May 2020 20:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.7	32.0	96.0	
227	60.4	33.0	99.0	





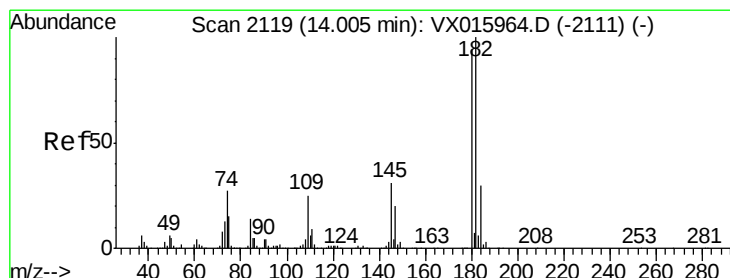
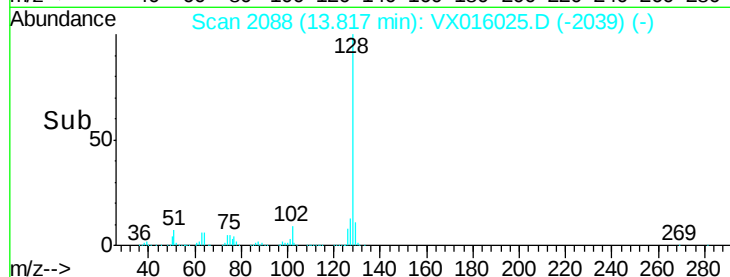
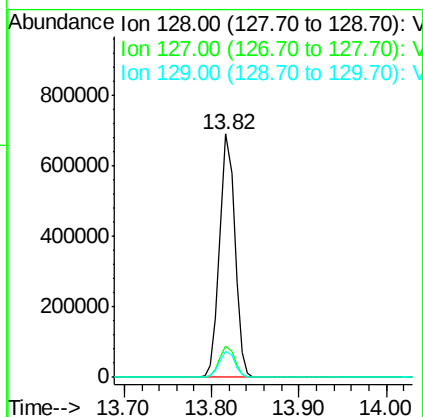
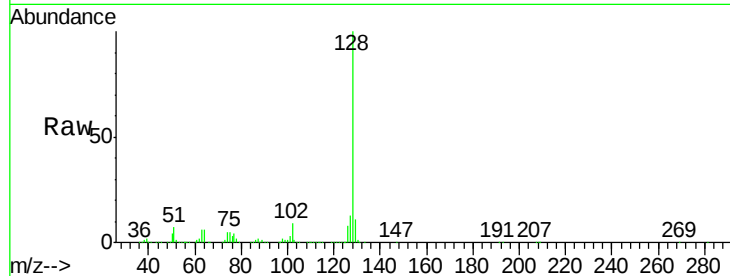
#95
Naphthalene
Concen: 51.563 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 48.742 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VX016025.D
Acq: 01 May 2020 20:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.3	48.7	146.1
145	33.0	16.1	48.3

