

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050520\
 Data File : VX016071.D
 Acq On : 05 May 2020 17:59
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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 5/6/2020 12:26:50 PM

Quant Time: May 06 09:32:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	301320	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	485723	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	454012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	227546	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	180317	45.48	ug/l	0.00
Spiked Amount			Recovery	=	90.96%	
35) Dibromofluoromethane	5.47	113	141082	45.85	ug/l	0.00
Spiked Amount			Recovery	=	91.70%	
50) Toluene-d8	8.70	98	549566	46.35	ug/l	0.00
Spiked Amount			Recovery	=	92.70%	
62) 4-Bromofluorobenzene	11.12	95	210870	46.76	ug/l	0.00
Spiked Amount			Recovery	=	93.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	156274	48.998	ug/l	98
3) Chloromethane	1.31	50	174093	47.002	ug/l	99
4) Vinyl Chloride	1.39	62	187621	47.478	ug/l	100
5) Bromomethane	1.62	94	98250	49.316	ug/l	97
6) Chloroethane	1.71	64	117652	48.931	ug/l	98
7) Trichlorofluoromethane	1.92	101	251333	48.445	ug/l	99
8) Diethyl Ether	2.17	74	102901	47.074	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	146630	48.988	ug/l	99
10) Methyl Iodide	2.49	142	186647	46.424	ug/l	100
11) Tert butyl alcohol	3.02	59	240763	240.124	ug/l	100
12) 1,1-Dichloroethene	2.36	96	151191	48.269	ug/l	97
13) Acrolein	2.28	56	124147	197.865	ug/l	99
14) Allyl chloride	2.71	41	277109	48.250	ug/l	98
15) Acrylonitrile	3.12	53	509147	244.779	ug/l	99
16) Acetone	2.42	43	425690	240.615	ug/l	99
17) Carbon Disulfide	2.55	76	454888	48.353	ug/l	100
18) Methyl Acetate	2.75	43	211272	48.568	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	536189	49.657	ug/l	99
20) Methylene Chloride	2.84	84	170693	46.802	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	164322	47.077	ug/l	99
22) Diisopropyl ether	3.82	45	532678	49.164	ug/l	99
23) Vinyl Acetate	3.79	43	2391903	250.927	ug/l	100
24) 1,1-Dichloroethane	3.67	63	298791	49.298	ug/l	100
25) 2-Butanone	4.64	43	709250	248.785	ug/l	99
26) 2,2-Dichloropropane	4.56	77	259932	46.960	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	185525	48.618	ug/l	99
28) Bromochloromethane	4.98	49	130432	47.195	ug/l	99
29) Tetrahydrofuran	5.09	42	466244	246.823	ug/l	100
30) Chloroform	5.18	83	295712	49.002	ug/l	99
31) Cyclohexane	5.55	56	271271	49.248	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	268006	48.858	ug/l	99
36) 1,1-Dichloropropene	5.77	75	226094	47.287	ug/l	100
37) Ethyl Acetate	4.79	43	271810	49.049	ug/l	99
38) Carbon Tetrachloride	5.76	117	239010	49.181	ug/l	94

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	280548	48.724	ug/l	98
40) Benzene	6.12	78	674002	48.178	ug/l	99
41) Methacrylonitrile	5.01	41	144489	48.280	ug/l	99
42) 1,2-Dichloroethane	6.17	62	240795	47.781	ug/l	100
43) Isopropyl Acetate	6.42	43	430985	48.744	ug/l	99
44) Trichloroethene	7.19	130	224337	45.138	ug/l	100
45) 1,2-Dichloropropane	7.49	63	172521	48.736	ug/l	97
46) Dibromomethane	7.64	93	115995	48.219	ug/l	100
47) Bromodichloromethane	7.88	83	241126	49.216	ug/l	99
48) Methyl methacrylate	7.74	41	205400	49.025	ug/l	99
49) 1,4-Dioxane	7.71	88	95230	947.726	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1350241	249.550	ug/l	99
52) Toluene	8.77	92	426363	48.895	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	282747	48.403	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	293988	48.182	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	169387	49.373	ug/l	99
56) Ethyl methacrylate	9.16	69	282910	50.519	ug/l	98
57) 1,3-Dichloropropane	9.35	76	294994	49.278	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	737950	247.521	ug/l	99
59) 2-Hexanone	9.48	43	1050186	247.152	ug/l	99
60) Dibromochloromethane	9.57	129	191082	50.571	ug/l	99
61) 1,2-Dibromoethane	9.65	107	184609	49.678	ug/l	100
64) Tetrachloroethene	9.32	164	260517	46.741	ug/l	96
65) Chlorobenzene	10.12	112	448985	47.229	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	172966	49.226	ug/l	98
67) Ethyl Benzene	10.24	91	820815	48.391	ug/l	99
68) m/p-Xylenes	10.34	106	620202	97.592	ug/l	99
69) o-Xylene	10.68	106	297682	48.731	ug/l	99
70) Styrene	10.70	104	514695	49.665	ug/l	100
71) Bromoform	10.84	173	144376	50.433	ug/l #	99
73) Isopropylbenzene	11.00	105	799290	48.294	ug/l	99
74) N-amyl acetate	10.88	43	376436	48.762	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	176017	53.652	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	250926m	48.596	ug/l	
77) Bromobenzene	11.24	156	201543	47.179	ug/l	99
78) n-propylbenzene	11.35	91	932486	48.431	ug/l	100
79) 2-Chlorotoluene	11.40	91	548357	48.250	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	683487	48.912	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	105227	48.564	ug/l	100
82) 4-Chlorotoluene	11.49	91	650342	48.458	ug/l	99
83) tert-Butylbenzene	11.76	119	587351	48.772	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	692845	49.042	ug/l	99
85) sec-Butylbenzene	11.93	105	781923	48.089	ug/l	100
86) p-Isopropyltoluene	12.05	119	727451	48.187	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	359353	46.849	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	357075	45.866	ug/l	99
89) n-Butylbenzene	12.37	91	654926	47.488	ug/l	99
90) Hexachloroethane	12.58	117	127289	49.096	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	344433	46.634	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	64047	47.063	ug/l	98

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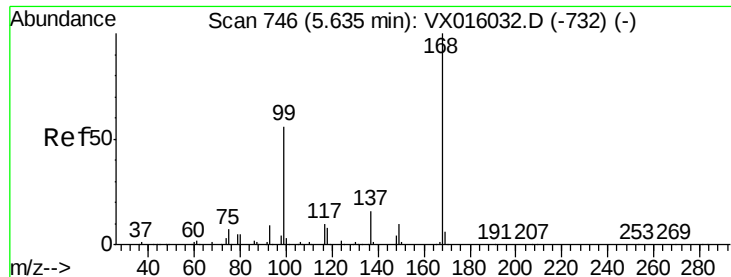
Manual Integrations
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5/6/2020 12:26:50 PM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	263627	48.211	ug/l	96
94) Hexachlorobutadiene	13.77	225	115860	49.214	ug/l	97
95) Naphthalene	13.82	128	856332	48.364	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	252458	47.240	ug/l	99

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



#1

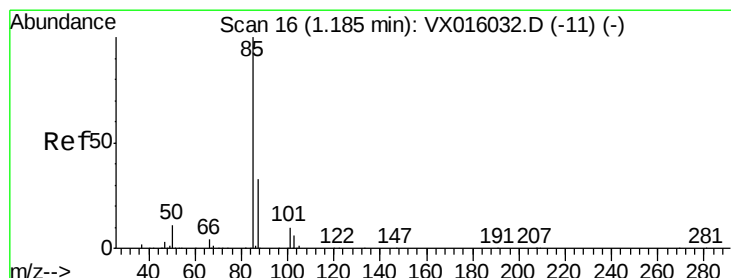
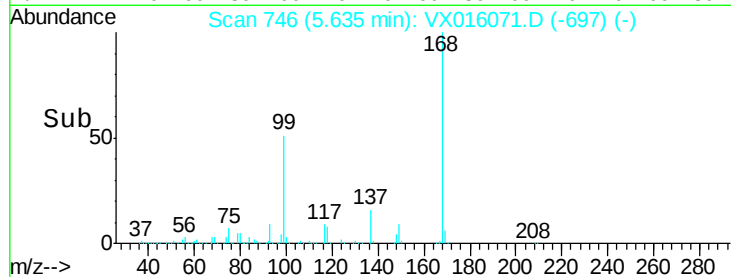
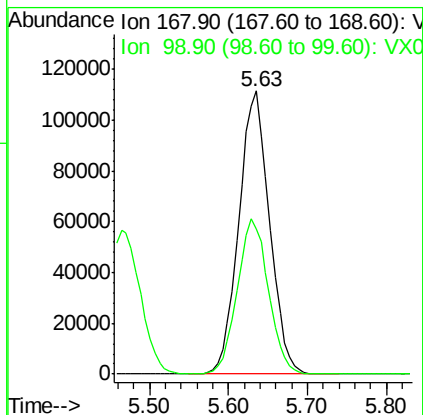
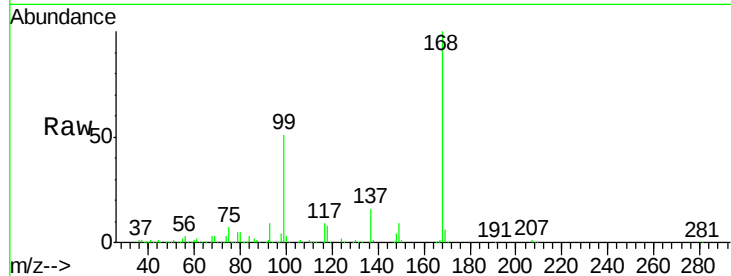
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 746
 Delta R.T. -0.00 min
 Lab File: VX016071.D
 Acq: 05 May 2020 17:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	51.1	45.0	67.4

Manual Integrations
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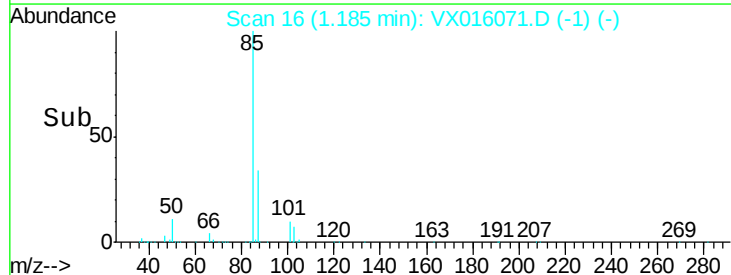
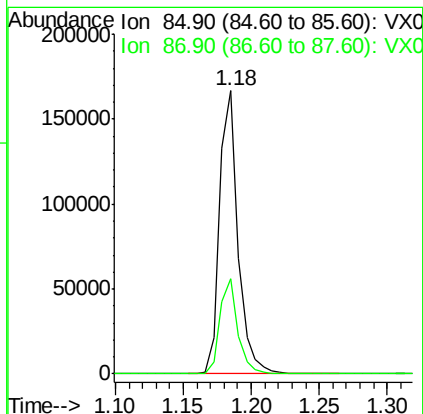
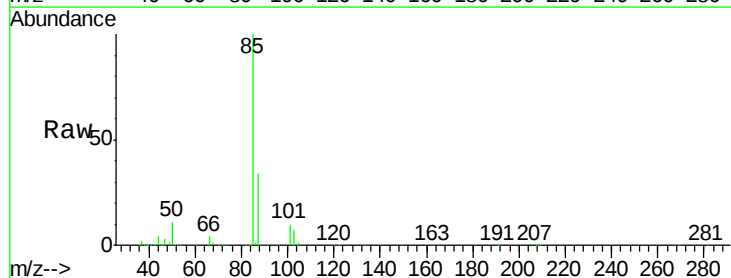
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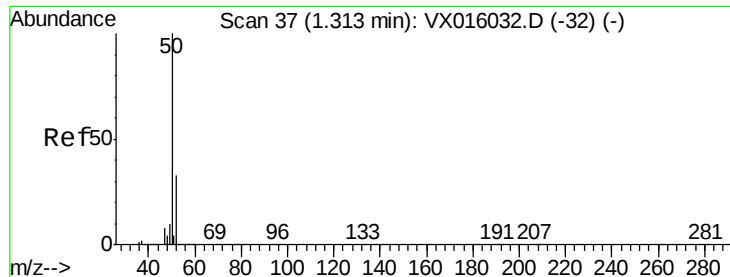


#2

Dichlorodifluoromethane
 Concen: 48.998 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. -0.00 min
 Lab File: VX016071.D
 Acq: 05 May 2020 17:59

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.7	16.4	49.1





#3

Chloromethane

Concen: 47.002 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 174093

Ion Ratio Lower Upper

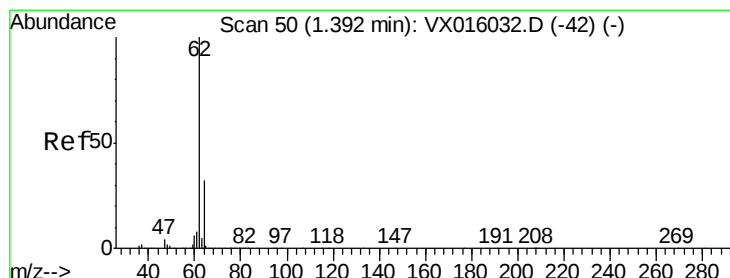
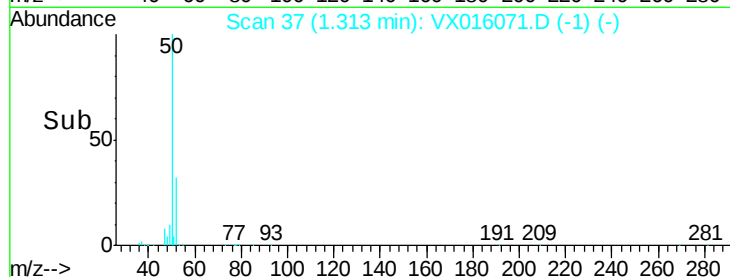
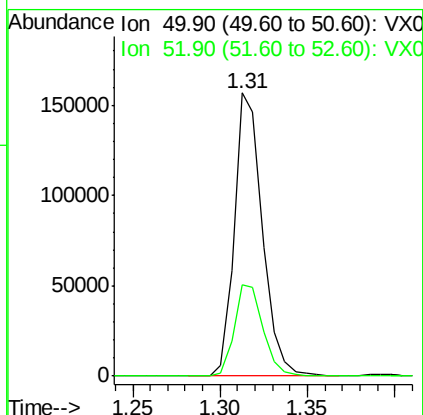
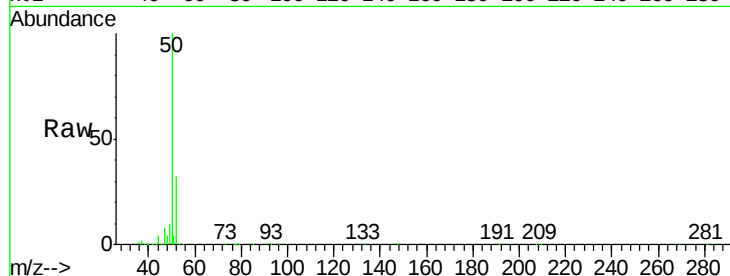
50 100

52 32.1 26.1 39.1

Manual Integrations
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#4

Vinyl Chloride

Concen: 47.478 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016071.D

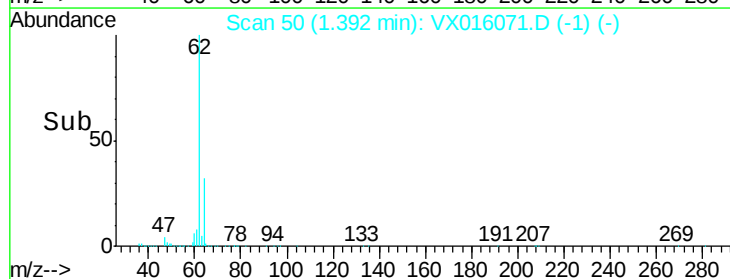
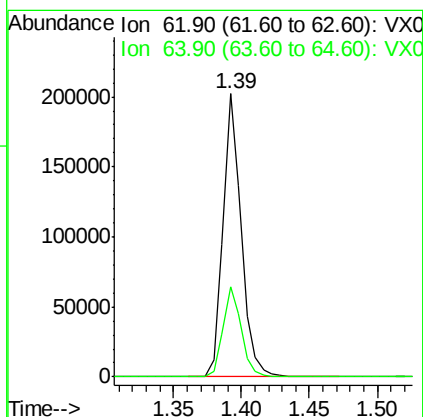
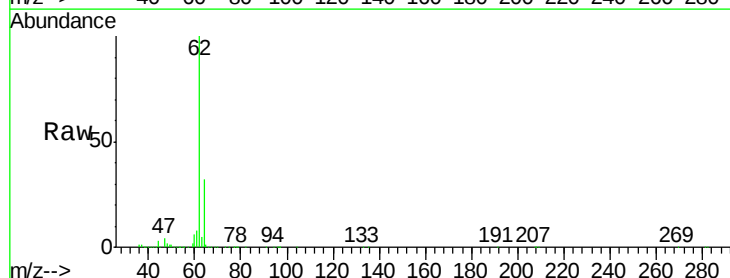
Acq: 05 May 2020 17:59

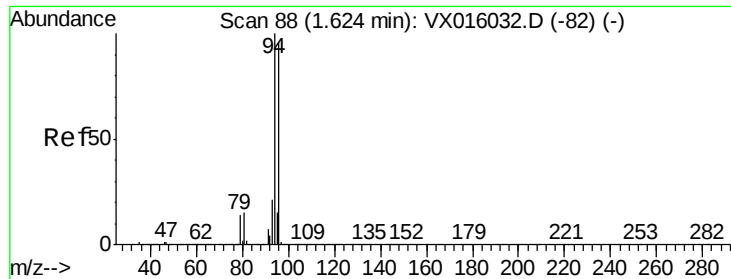
Tgt Ion: 62 Resp: 187621

Ion Ratio Lower Upper

62 100

64 31.9 25.7 38.5





#5

Bromomethane

Concen: 49.316 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 98250

Ion Ratio Lower Upper

94 100

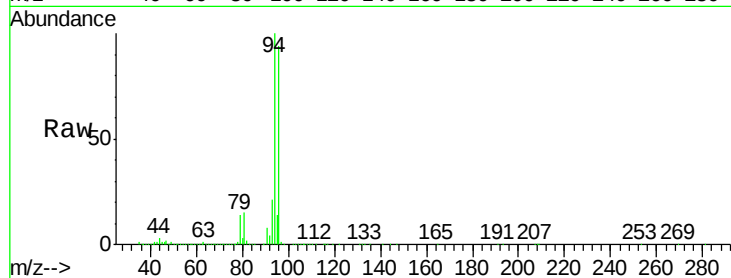
96 93.5 76.9 115.3

Manual Integrations

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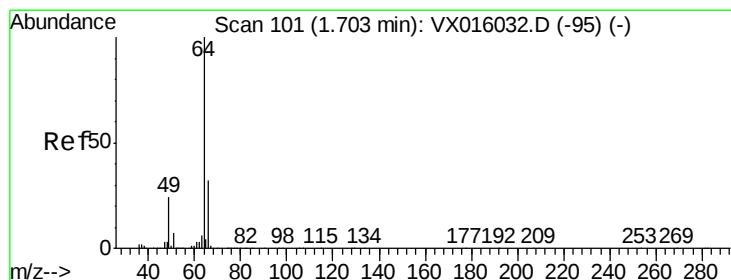
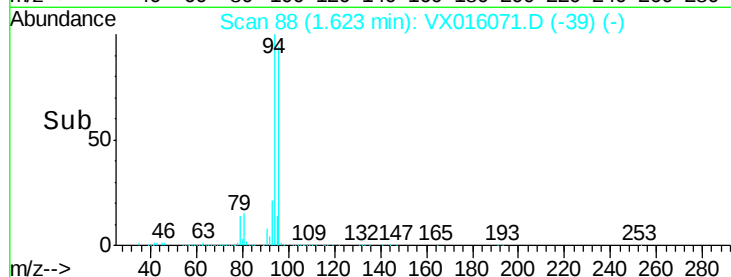
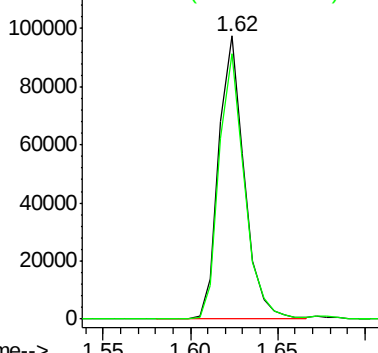
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.931 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016071.D

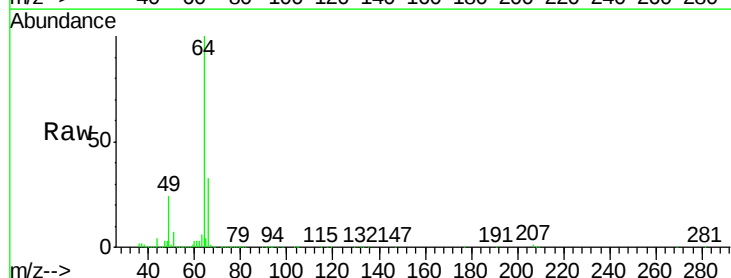
Acq: 05 May 2020 17:59

Tgt Ion: 64 Resp: 117652

Ion Ratio Lower Upper

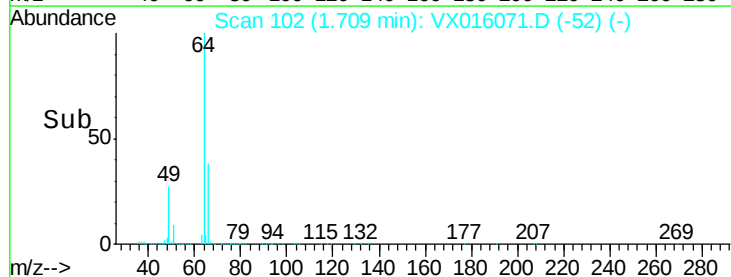
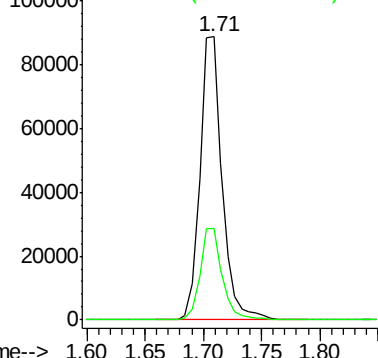
64 100

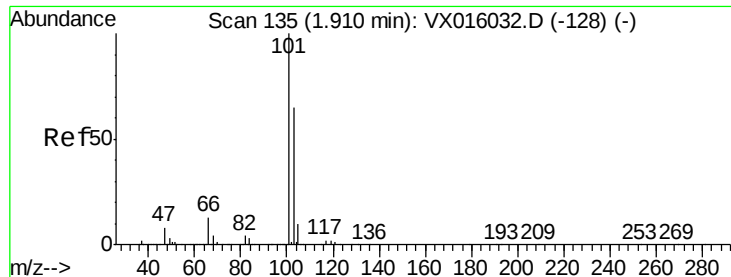
66 32.4 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

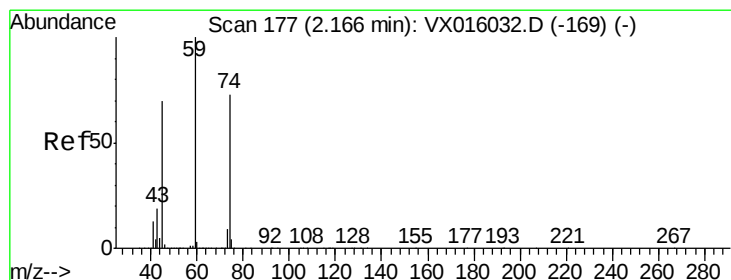
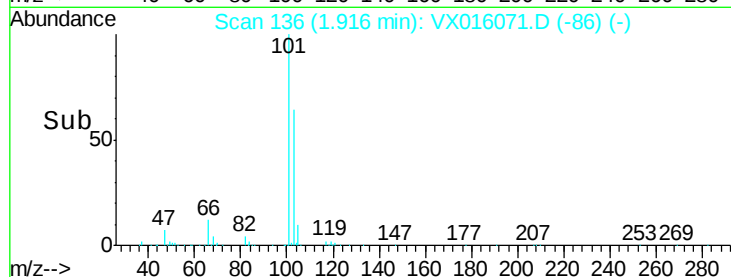
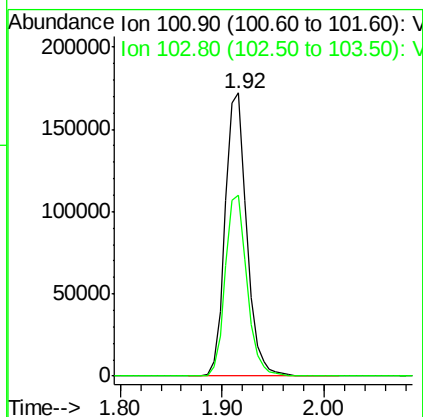
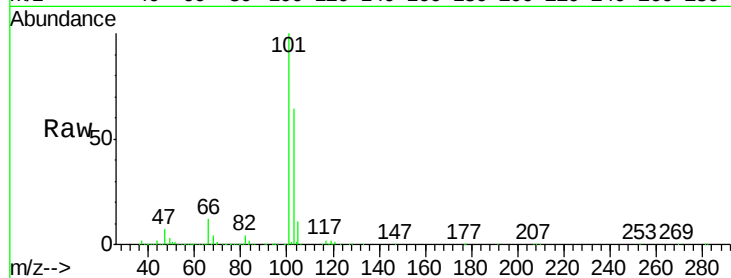
Trichlorofluoromethane
Concen: 48.445 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	51.8	77.6

Manual Integrations
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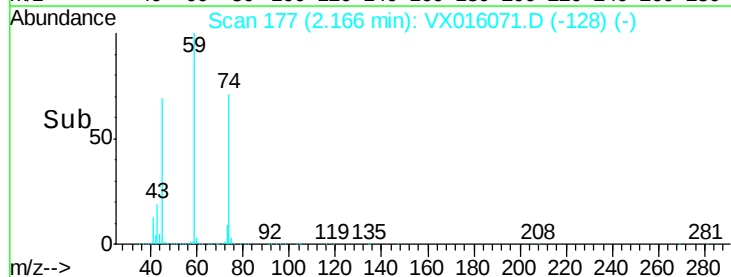
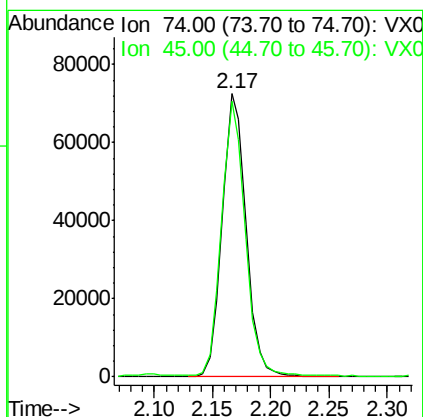
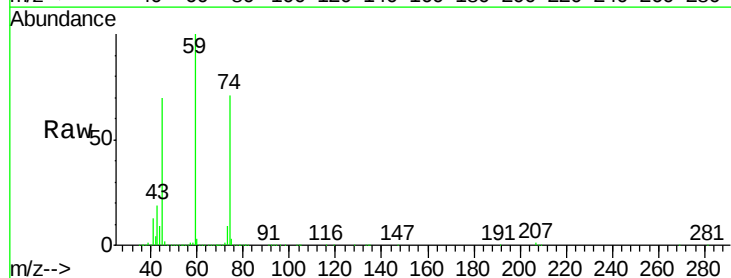
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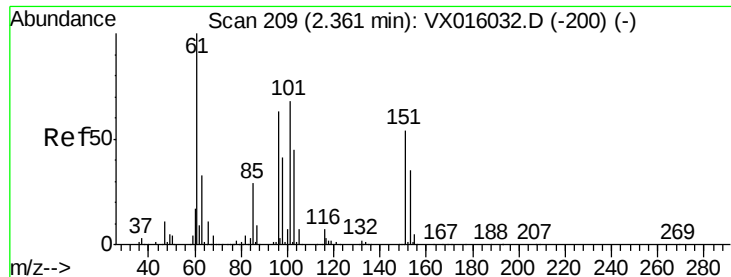


#8

Diethyl Ether
Concen: 47.074 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.2	47.3	142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.988 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Instrument :

MSVOA_X

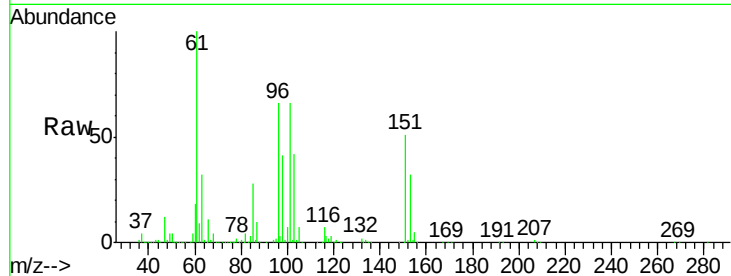
ClientSampleId :

VSTDCCC050EC

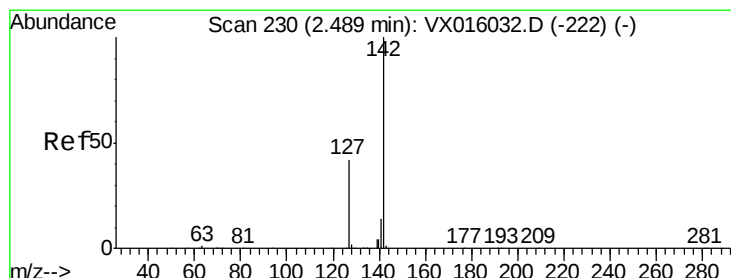
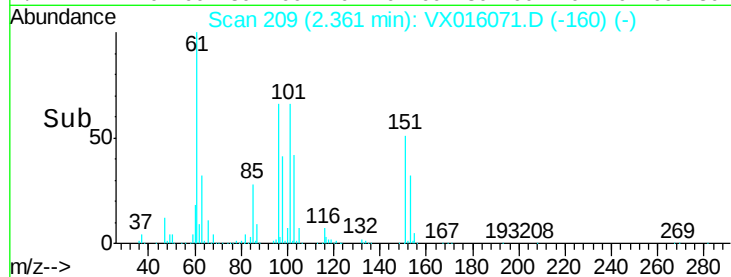
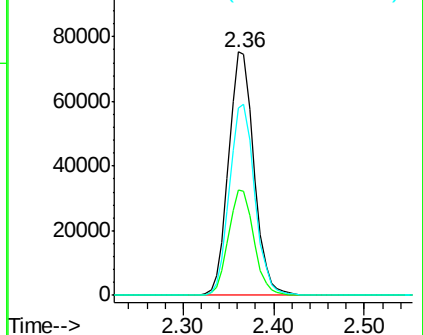
Tot Ion:	101	Resp:	146630
Ion Ratio	Lower	Upper	
101	100		
85	43.4	34.2	51.4
151	78.5	62.1	93.1

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.424 ug/l

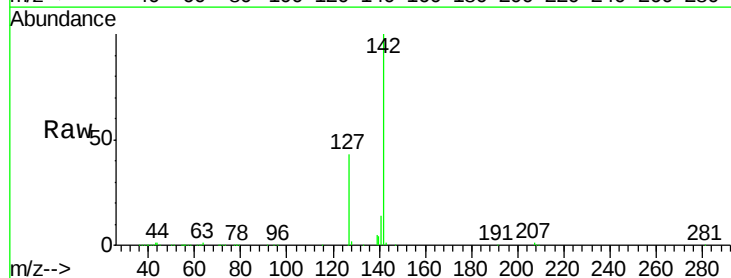
RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

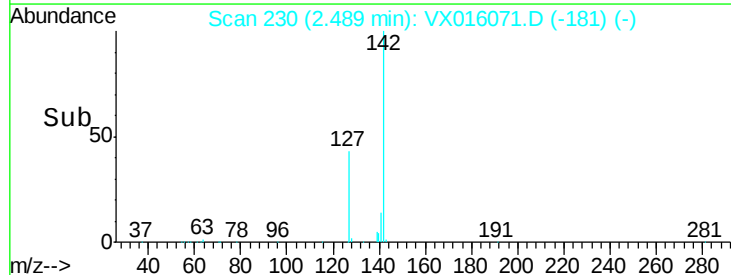
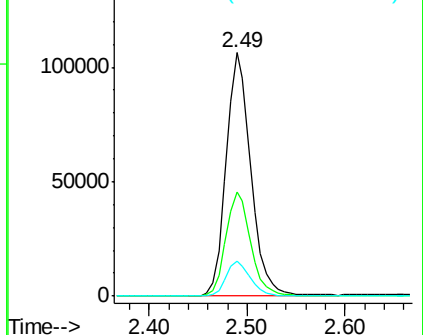
Lab File: VX016071.D

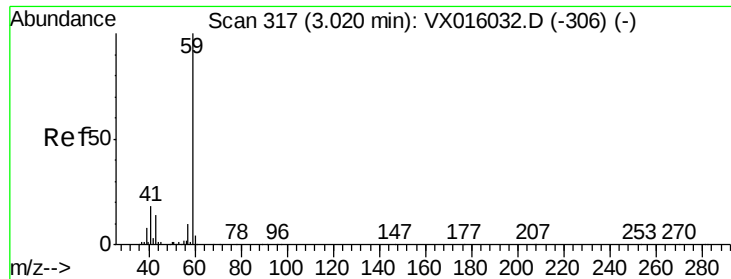
Acq: 05 May 2020 17:59

Tgt Ion:	142	Resp:	186647
Ion Ratio	Lower	Upper	
142	100		
127	43.0	34.6	52.0
141	14.2	11.3	16.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

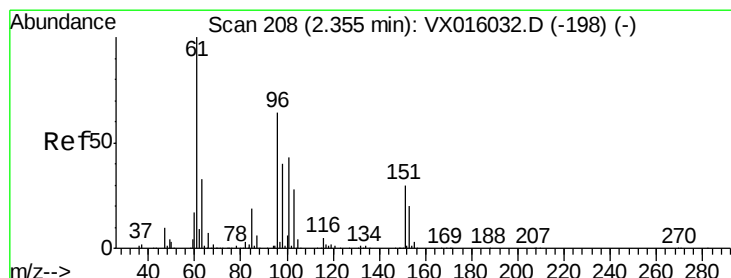
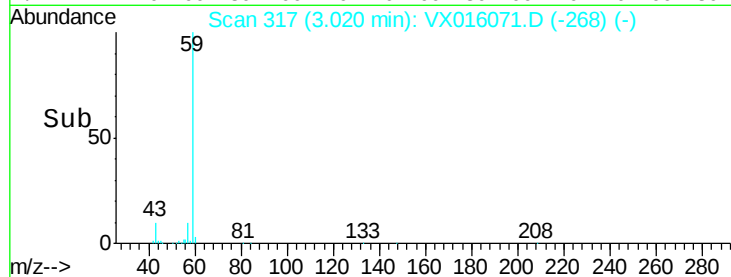
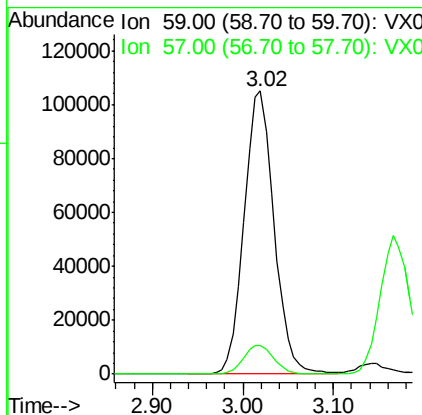
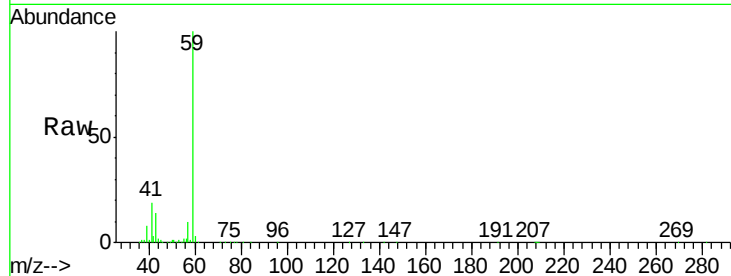
Tert butyl alcohol
 Concen: 240.124 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. -0.00 min
 Lab File: VX016071.D
 Acq: 05 May 2020 17:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.4

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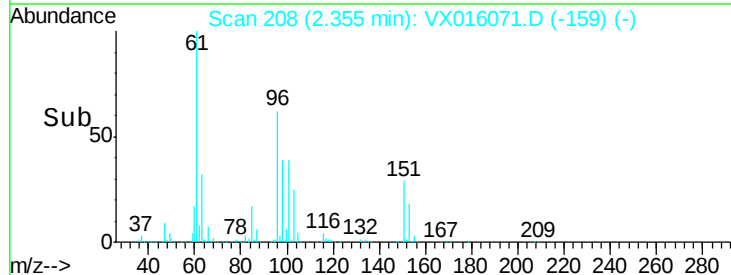
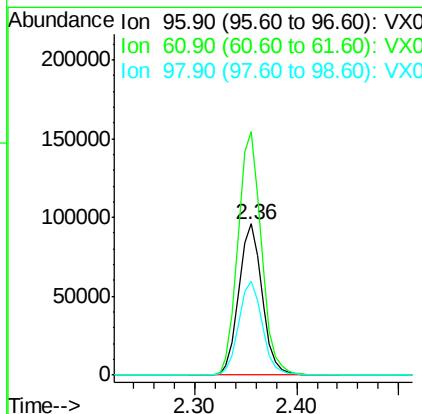
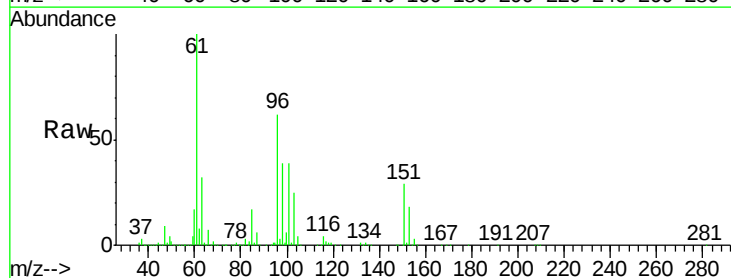
MMDadoda
 5/6/2020 12:26:50 PM

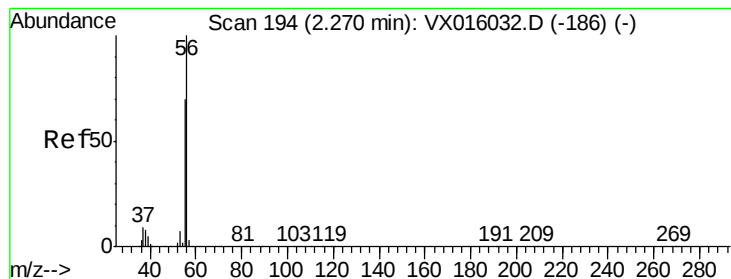


#12

1,1-Dichloroethene
 Concen: 48.269 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016071.D
 Acq: 05 May 2020 17:59

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.4	124.8	187.2
98	62.5	49.7	74.5





#13

Acrolein

Concen: 197.865 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 124147

Ion Ratio Lower Upper

56 100

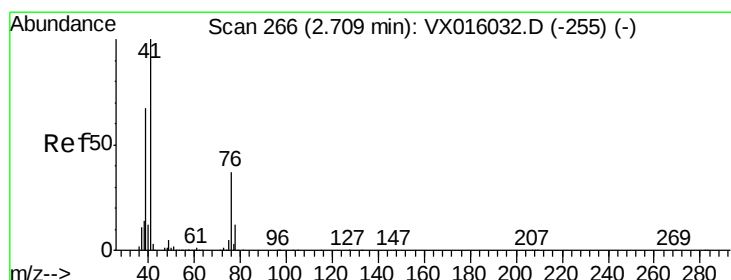
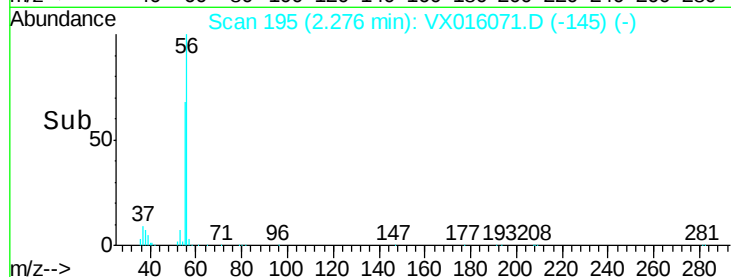
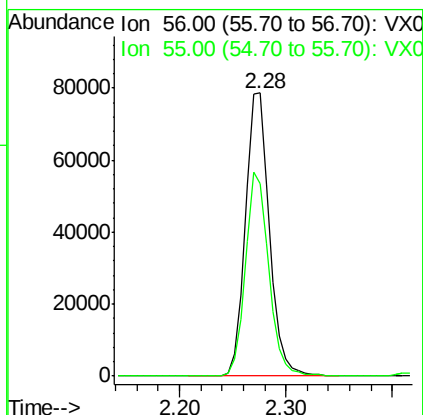
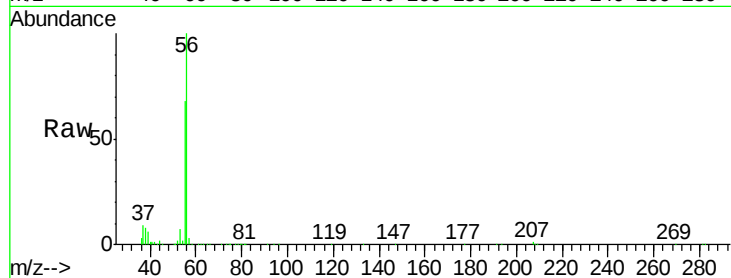
55 70.0 56.5 84.7

Manual Integrations

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#14

Allyl chloride

Concen: 48.250 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

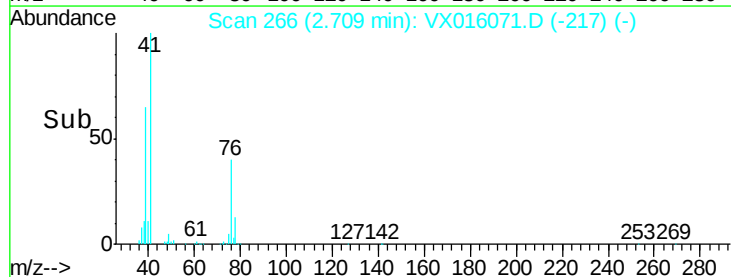
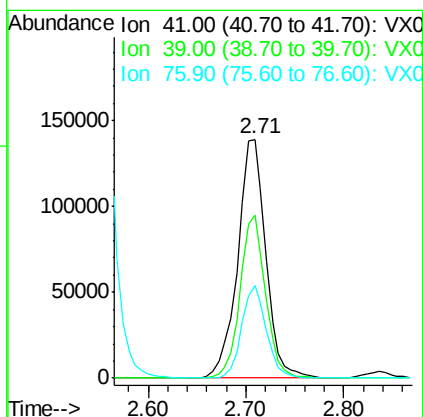
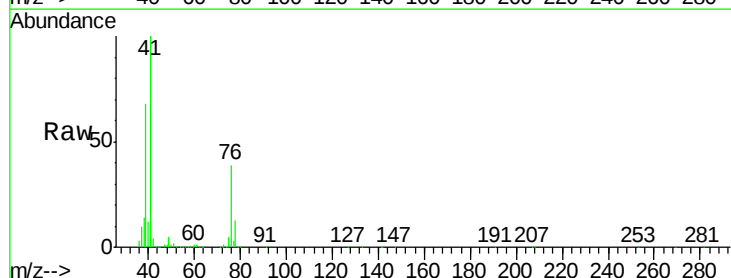
Tgt Ion: 41 Resp: 277109

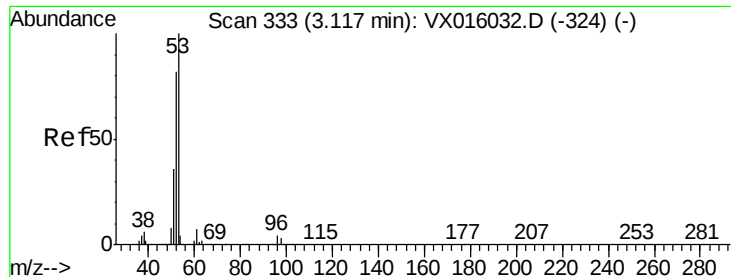
Ion Ratio Lower Upper

41 100

39 61.5 50.5 75.7

76 33.6 26.6 40.0





#15

Acrylonitrile

Concen: 244.779 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Instrument :

MSVOA_X

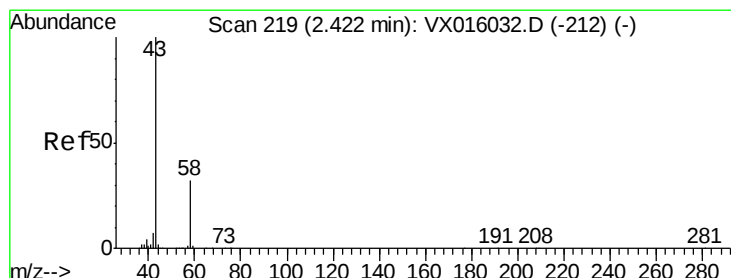
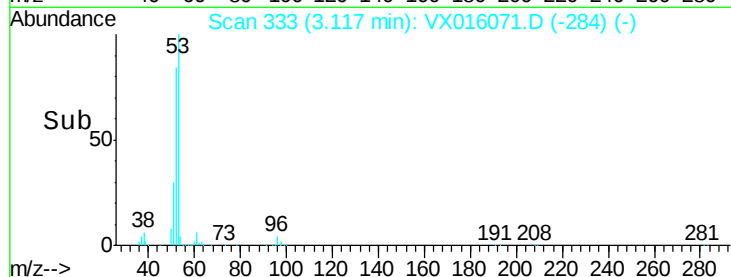
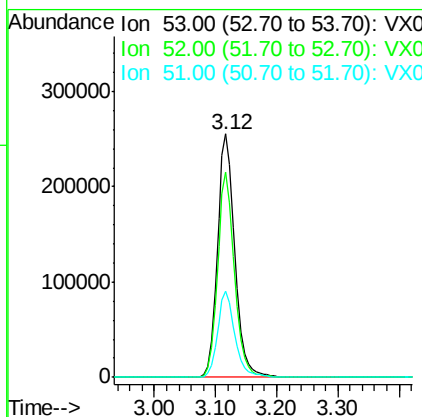
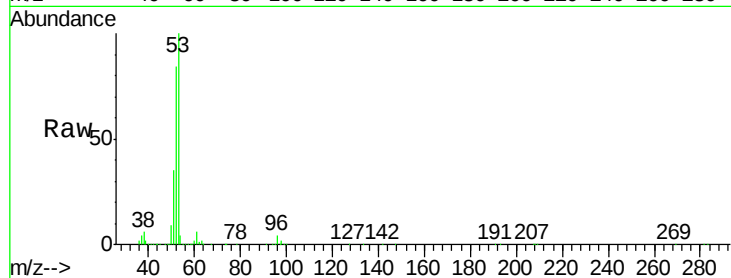
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	509147
Ion Ratio	Lower	Upper	
53	100		
52	82.0	66.1	99.1
51	35.2	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 240.615 ug/l

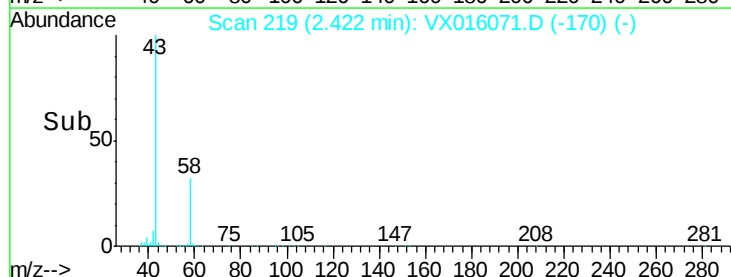
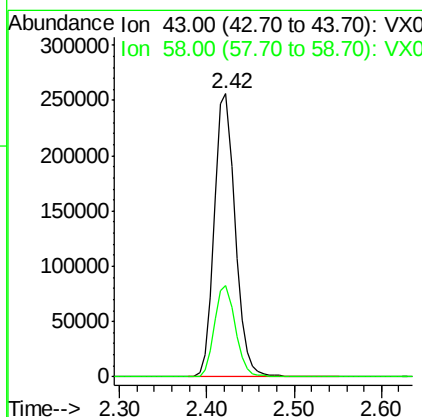
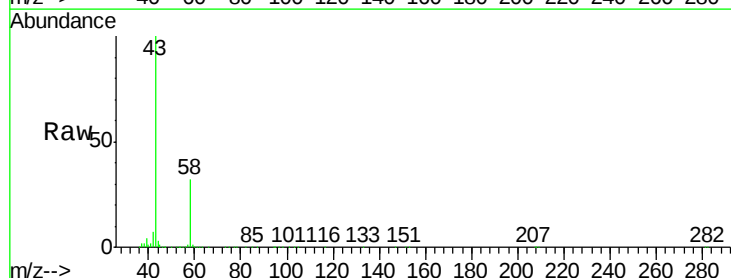
RT: 2.42 min Scan# 219

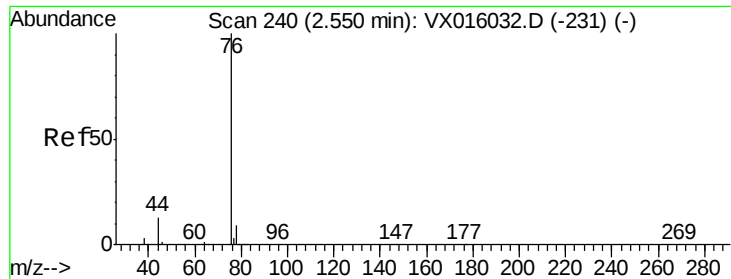
Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Tgt Ion:	43	Resp:	425690
Ion Ratio	Lower	Upper	
43	100		
58	32.2	25.4	38.0





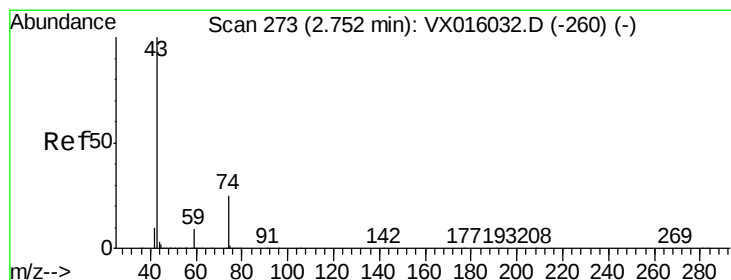
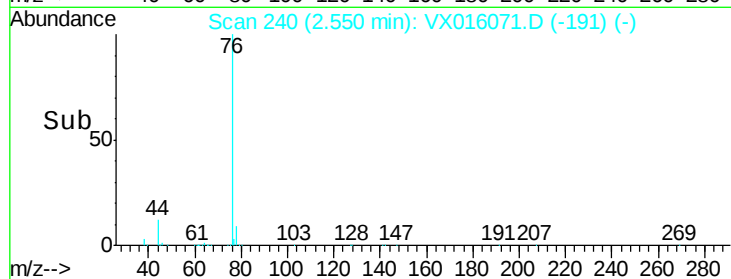
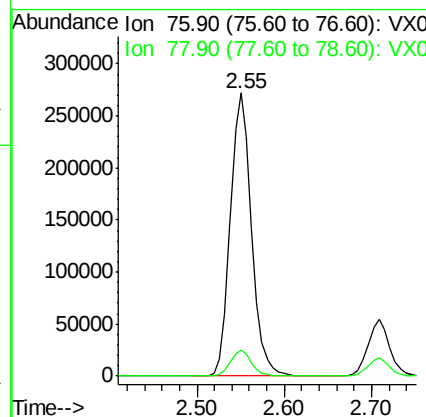
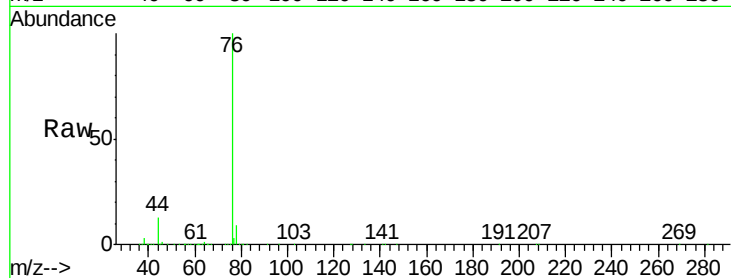
#17
Carbon Disulfide
Concen: 48.353 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.5	11.3

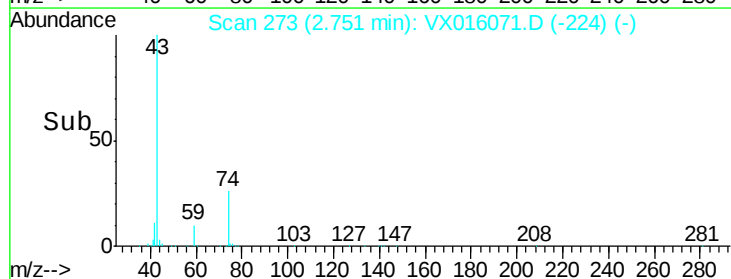
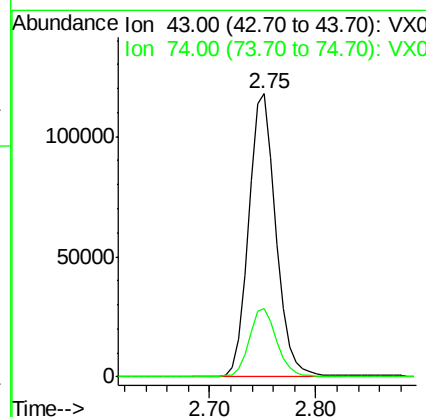
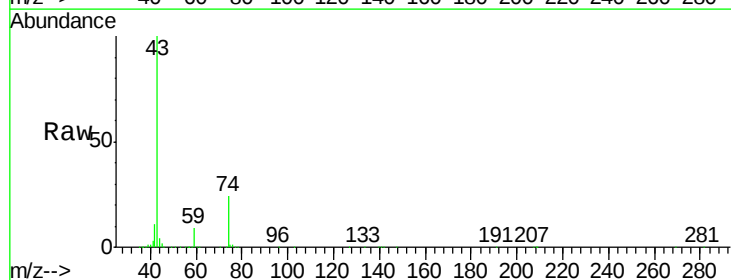
Manual Integrations
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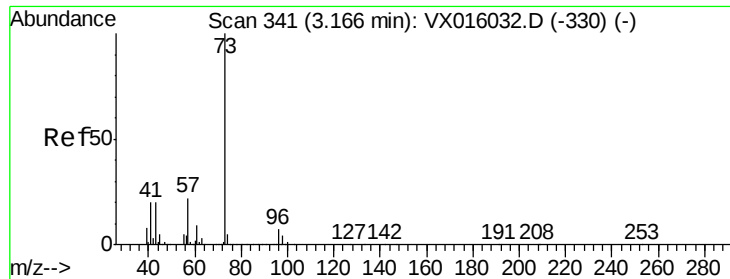
MMDadoda
5/6/2020 12:26:50 PM



#18
Methyl Acetate
Concen: 48.568 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.7	20.2	30.2





#19

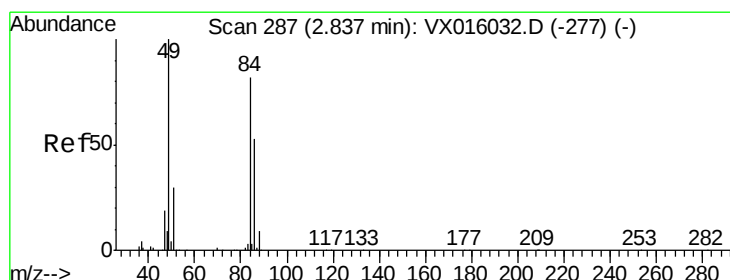
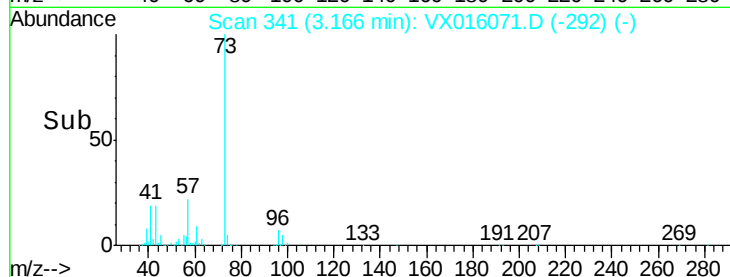
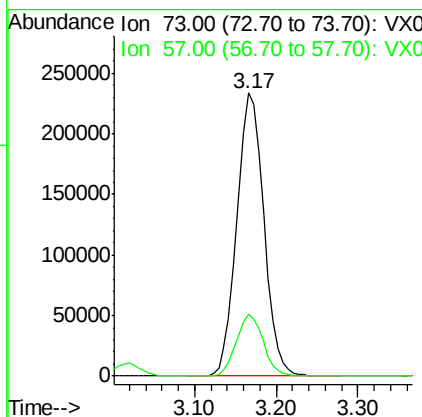
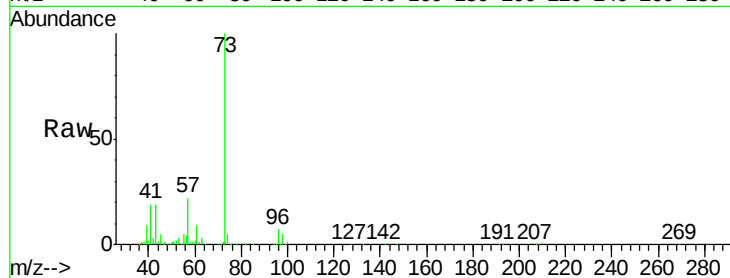
Methyl tert-butyl Ether
 Concen: 49.657 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016071.D
 Acq: 05 May 2020 17:59

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.8	26.6

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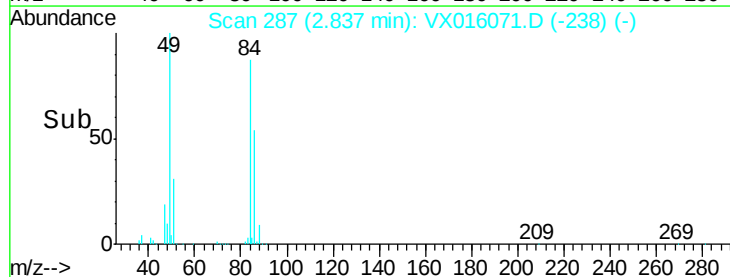
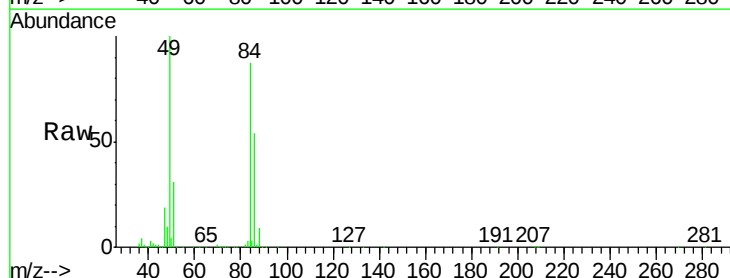
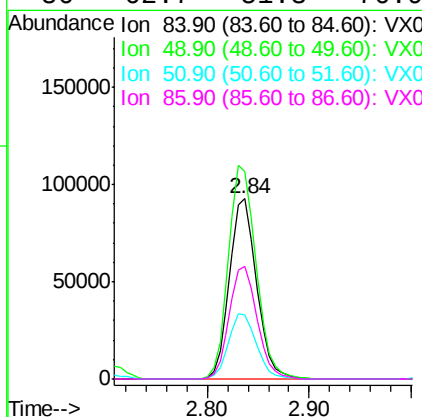
MMDadoda
 5/6/2020 12:26:50 PM

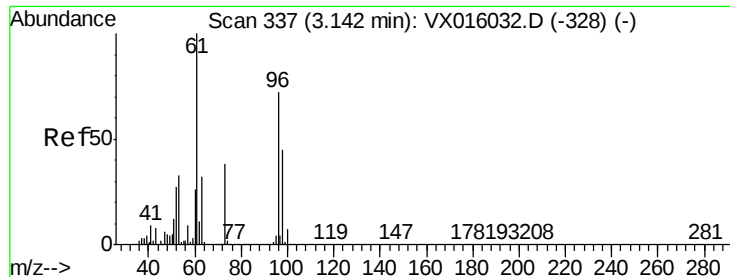


#20

Methylene Chloride
 Concen: 46.802 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX016071.D
 Acq: 05 May 2020 17:59

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.4	97.3	145.9
51	35.8	29.3	43.9
86	62.7	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 47.077 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 164322

Ion Ratio Lower Upper

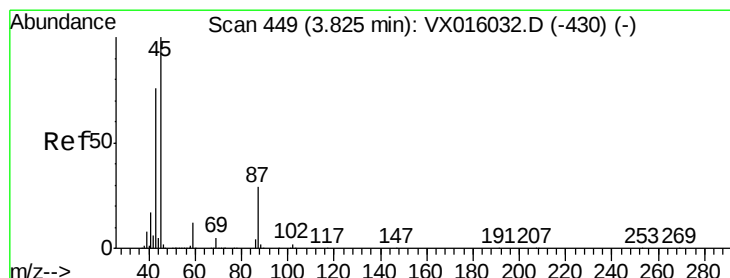
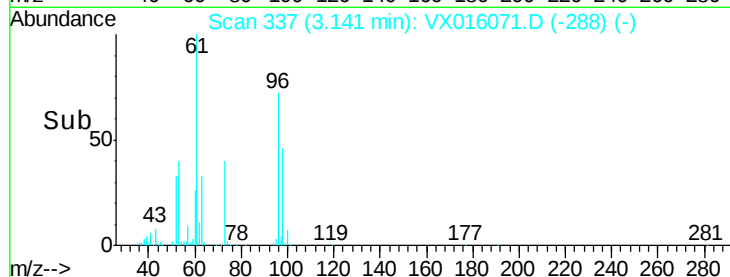
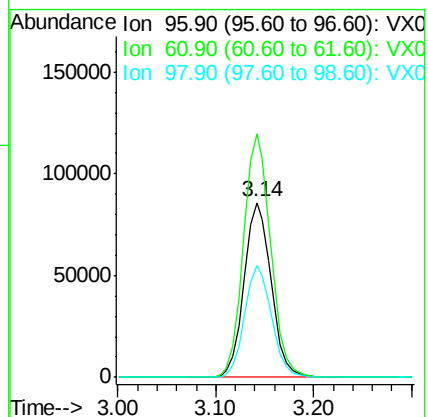
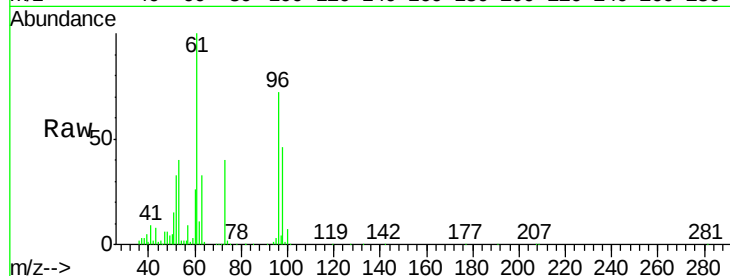
96 100

61 139.6 111.2 166.8

98 64.3 50.2 75.4

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#22

Diisopropyl ether

Concen: 49.164 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Tgt Ion: 45 Resp: 532678

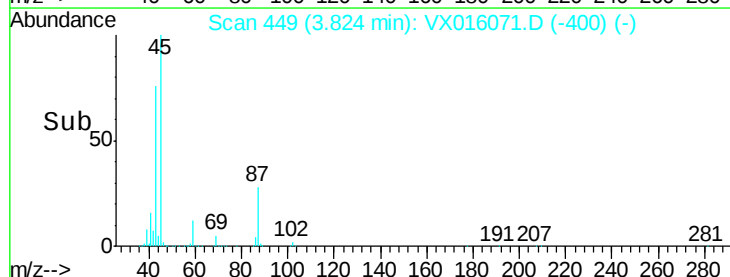
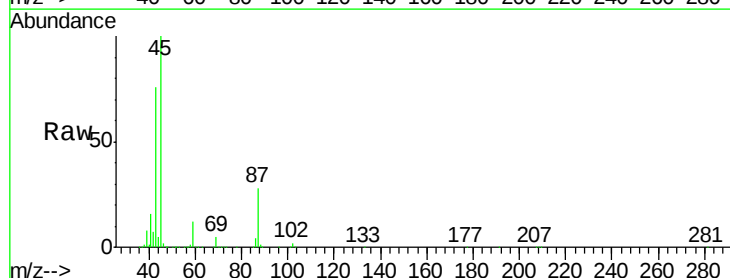
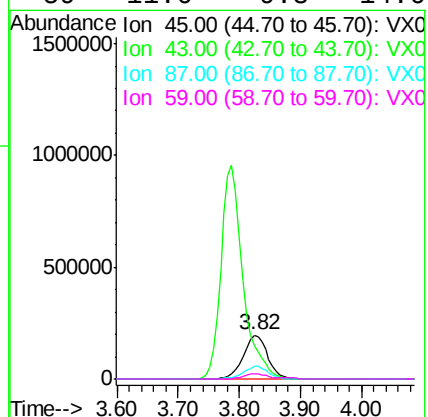
Ion Ratio Lower Upper

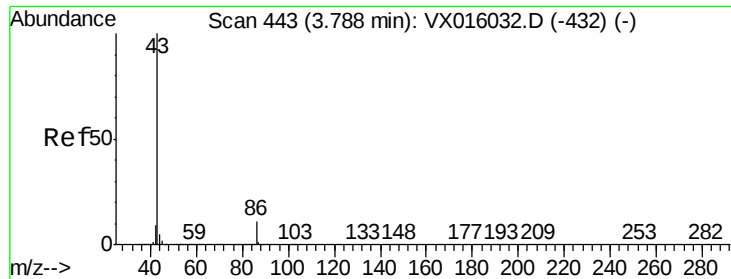
45 100

43 76.2 61.1 91.7

87 28.1 23.0 34.6

59 11.6 9.8 14.6





#23

Vinyl Acetate

Concen: 250.927 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Tot Ion: 43 Resp: 2391903

Ion Ratio Lower Upper

43 100

86 11.0 9.0 13.4

Instrument :

MSVOA_X

ClientSampleId :

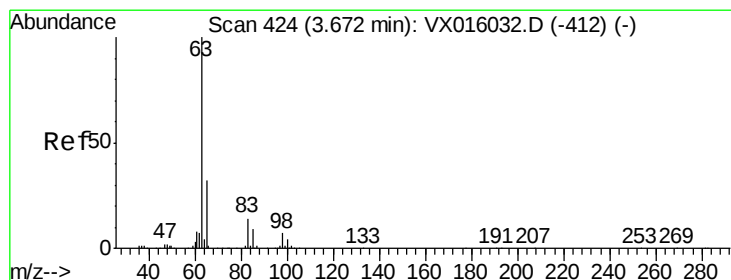
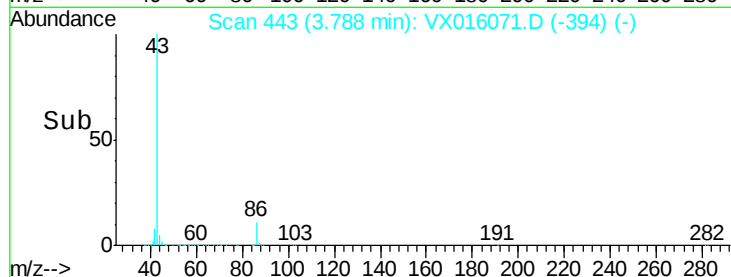
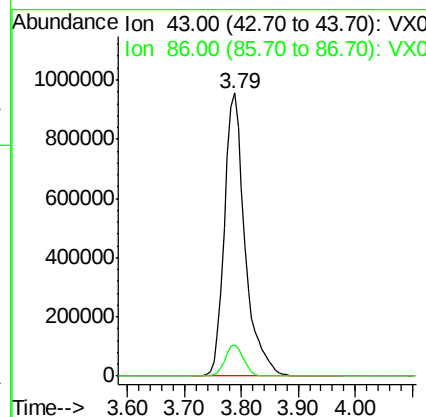
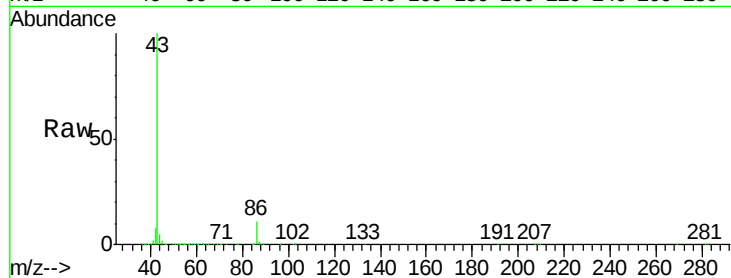
VSTDCCC050EC

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#24

1,1-Dichloroethane

Concen: 49.298 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

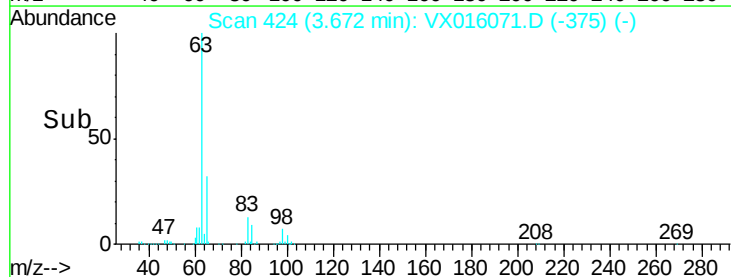
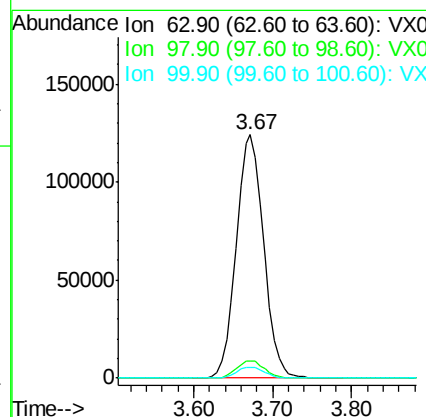
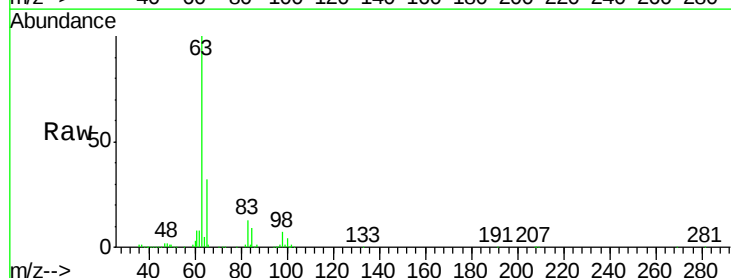
Tgt Ion: 63 Resp: 298791

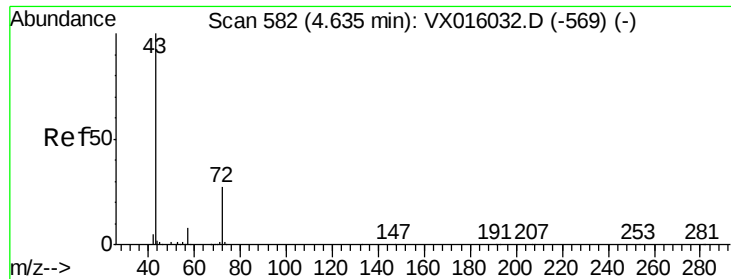
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

100 4.5 2.1 6.5





#25

2-Butanone

Concen: 248.785 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Tot Ion: 43 Resp: 709250

Ion Ratio Lower Upper

43 100

72 26.7 21.8 32.8

Instrument :

MSVOA_X

ClientSampleId :

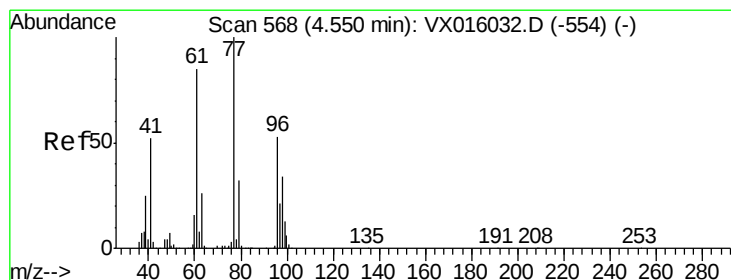
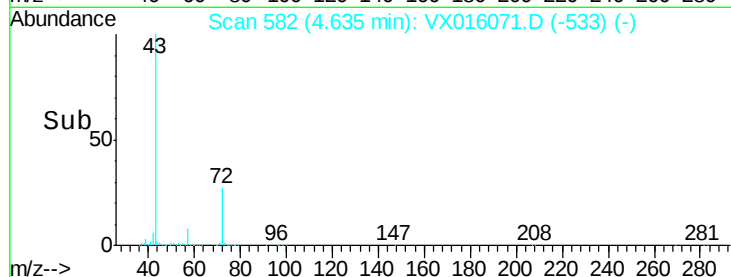
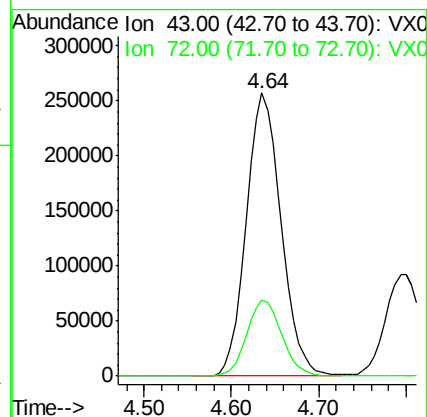
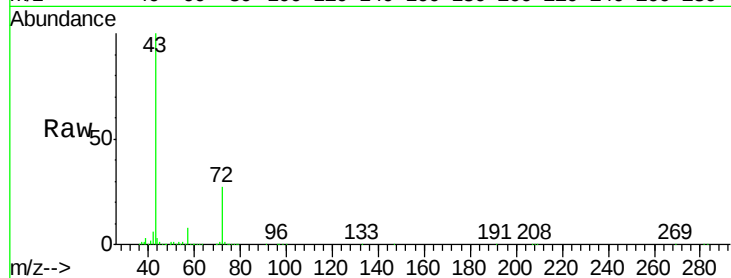
VSTDCCC050EC

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 46.960 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX016071.D

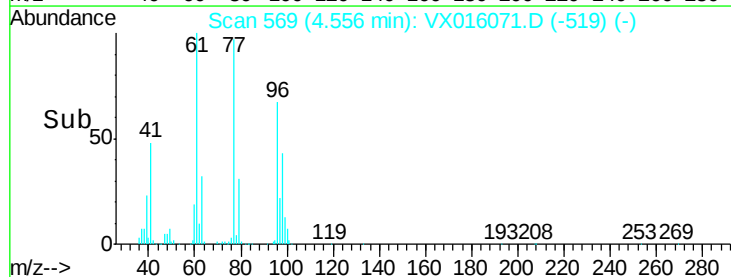
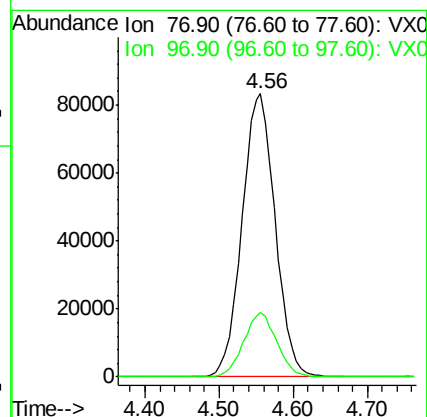
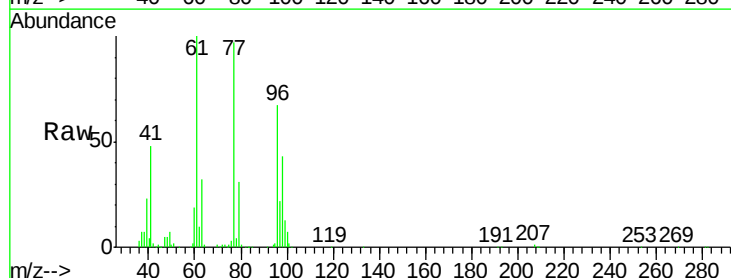
Acq: 05 May 2020 17:59

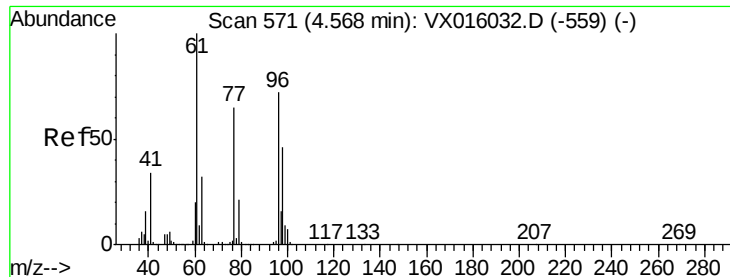
Tgt Ion: 77 Resp: 259932

Ion Ratio Lower Upper

77 100

97 22.6 11.2 33.6





#27

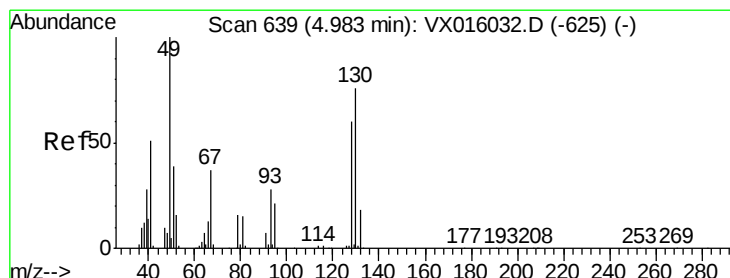
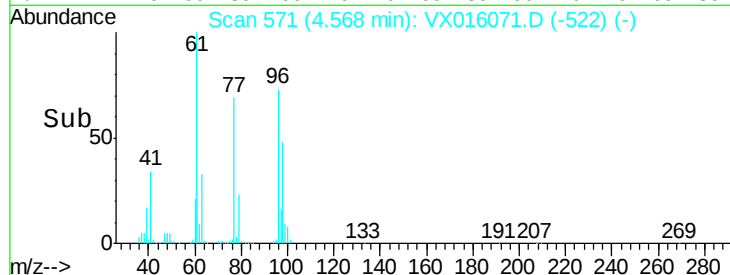
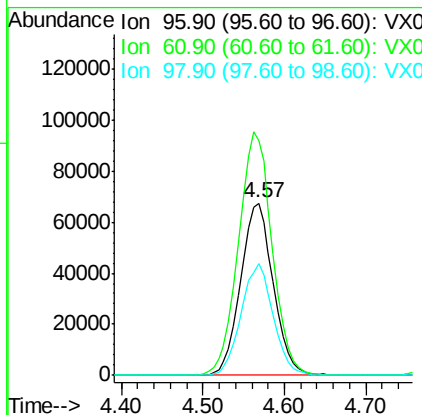
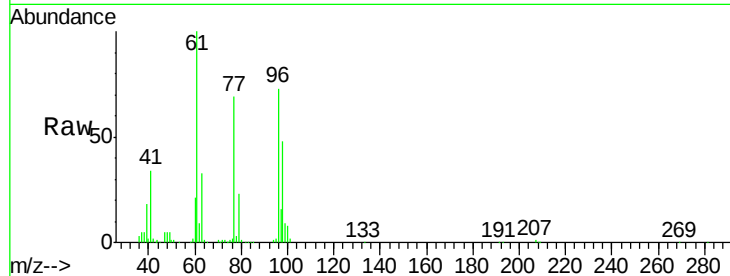
cis-1,2-Dichloroethene
Concen: 48.618 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	185525		
61	147.1	0.0	296.2	
98	64.5	0.0	129.4	

Manual Integrations
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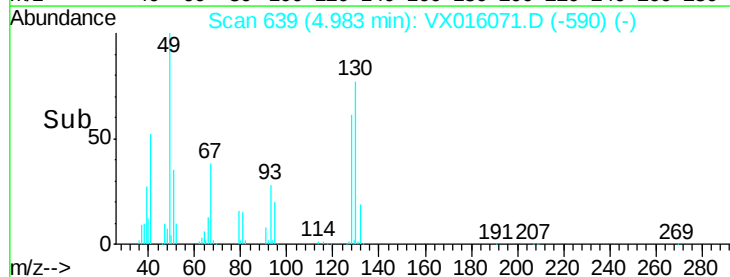
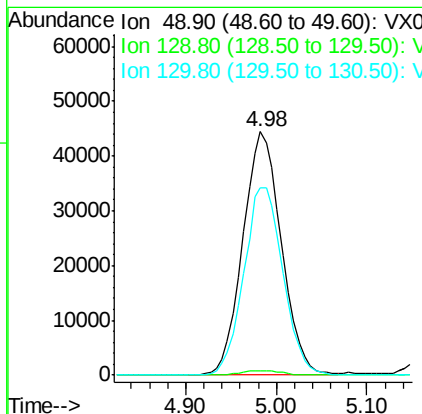
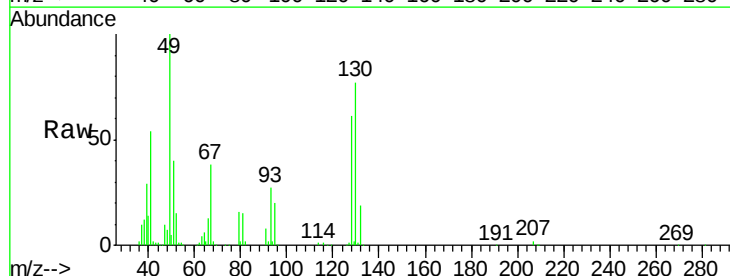
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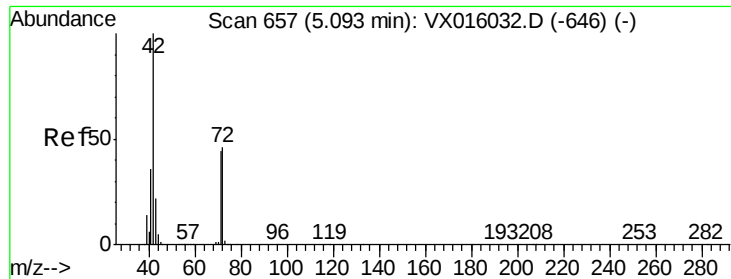


#28

Bromochloromethane
Concen: 47.195 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	130432		
129	2.0	0.0	4.0	
130	78.6	62.4	93.6	





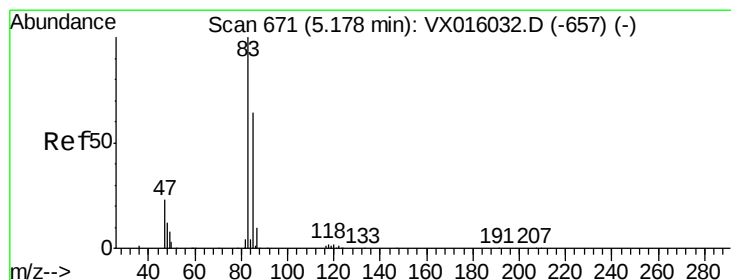
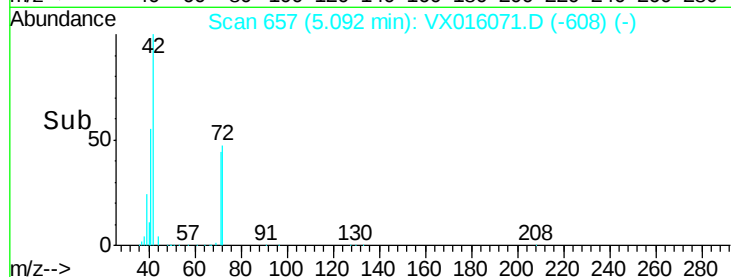
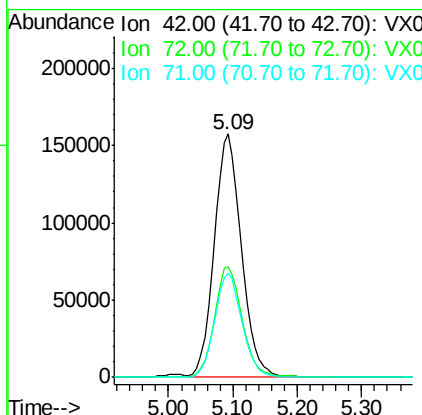
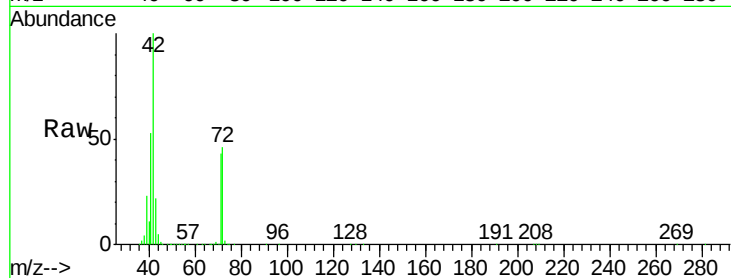
#29
Tetrahydrofuran
Concen: 246.823 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.7	37.1	55.7
71	43.3	34.5	51.7

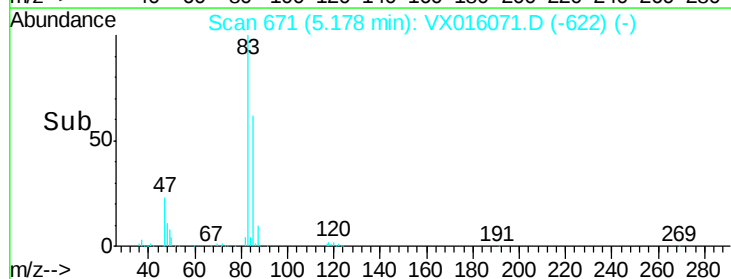
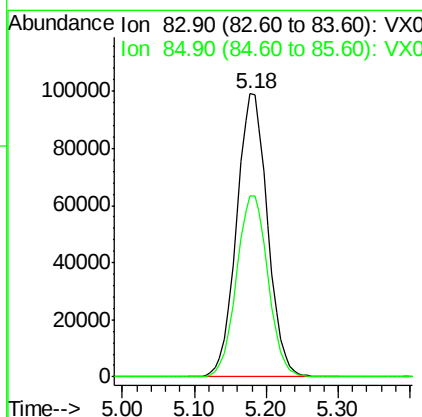
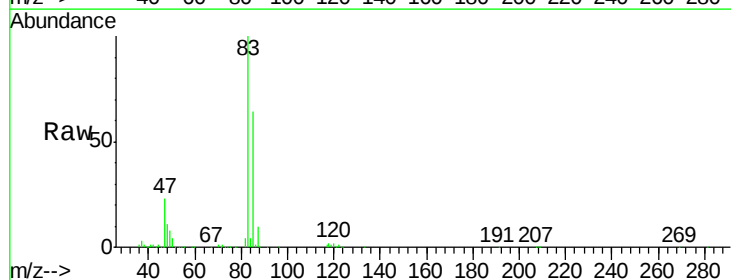
Manual Integrations
APPROVED

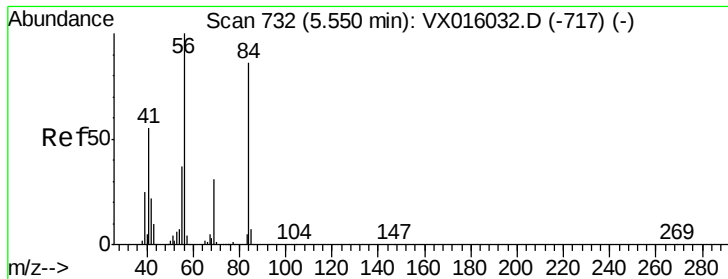
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#30
Chloroform
Concen: 49.002 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.6	77.4





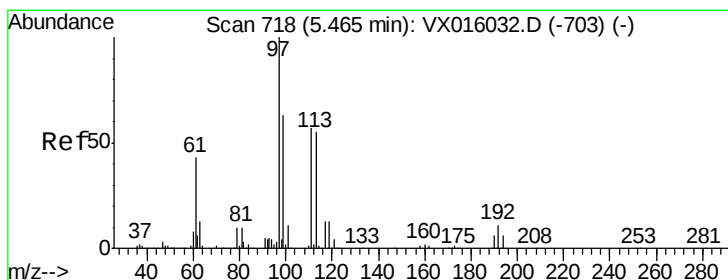
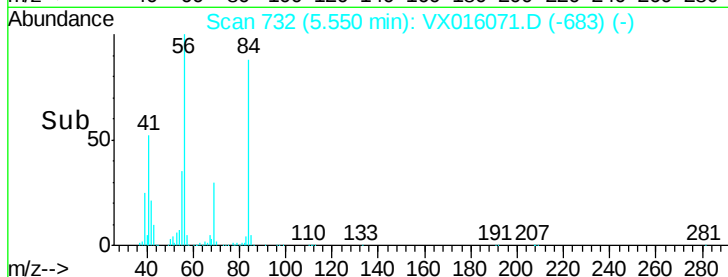
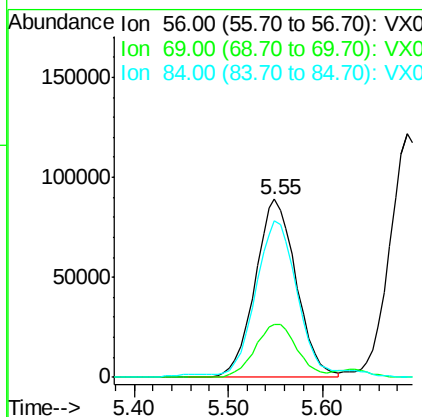
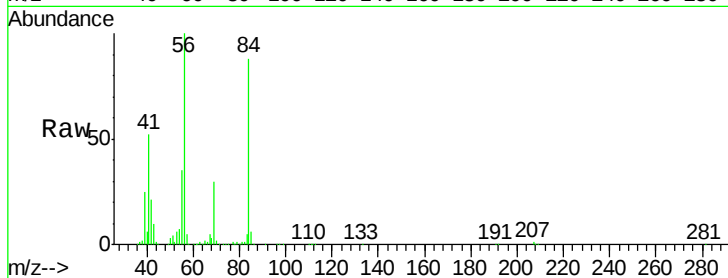
#31
Cyclohexane
Concen: 49.248 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.7	25.0	37.6
84	86.4	69.0	103.6

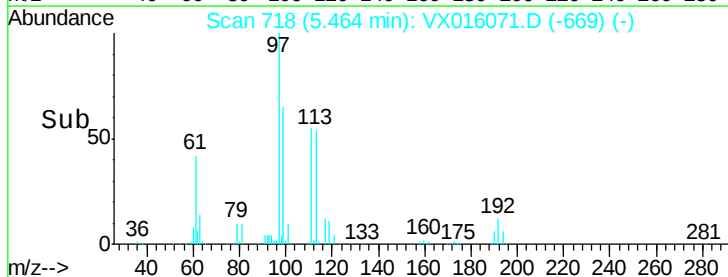
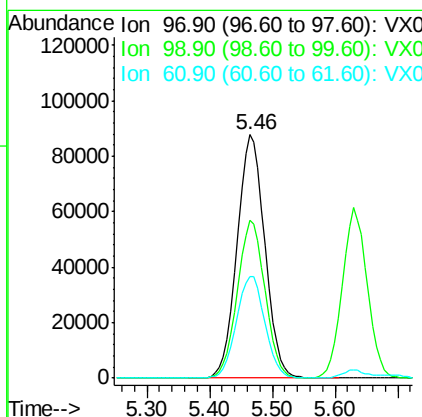
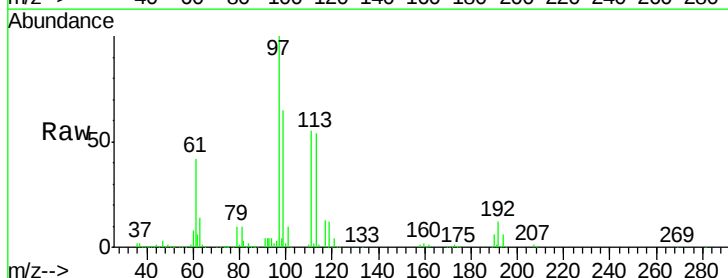
Manual Integrations
APPROVED

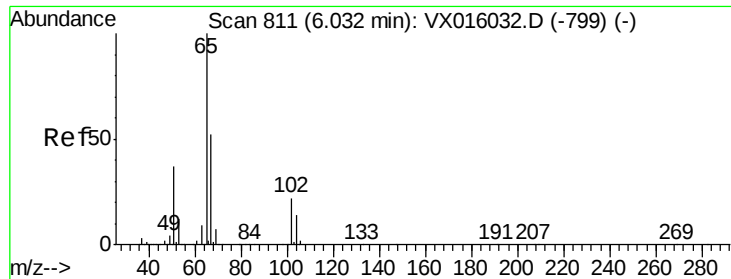
MMDadoda
5/6/2020 12:26:50 PM



#32
1,1,1-Trichloroethane
Concen: 48.858 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.0	76.4
61	43.1	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 45.476 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 180317

Ion Ratio Lower Upper

65 100

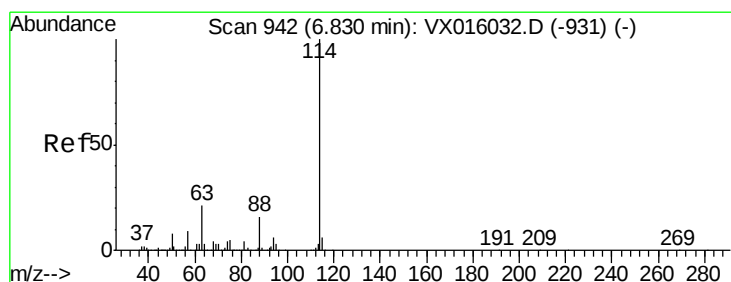
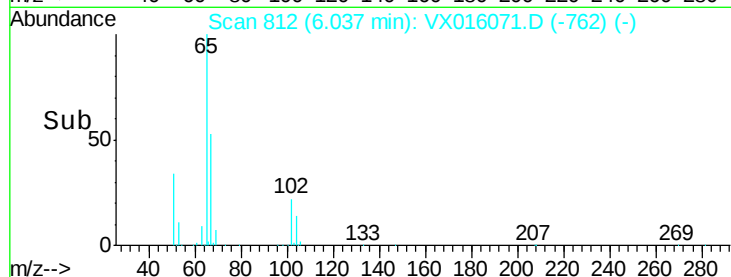
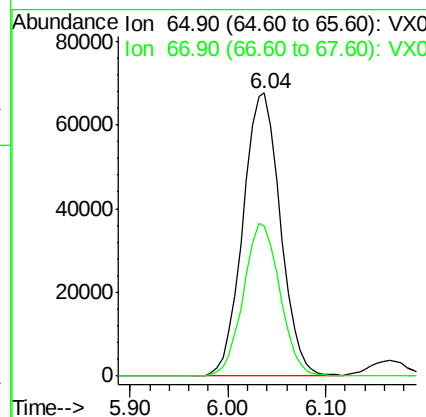
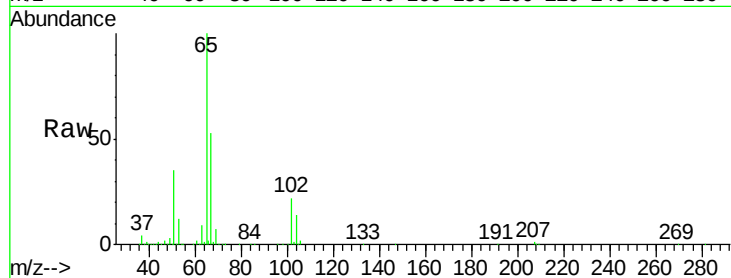
67 52.8 0.0 104.8

Manual Integrations

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5/6/2020 12:26:50 PM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

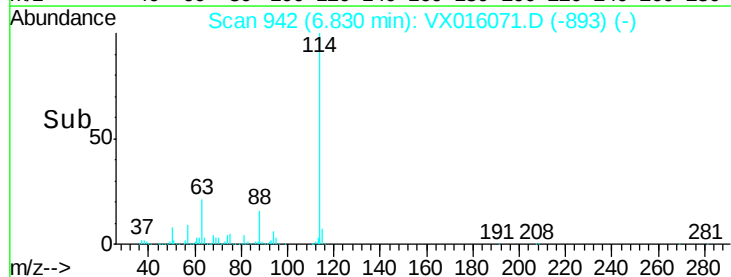
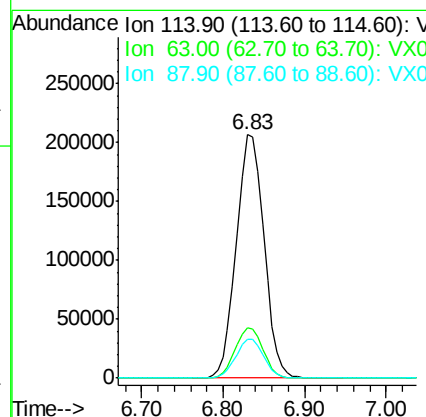
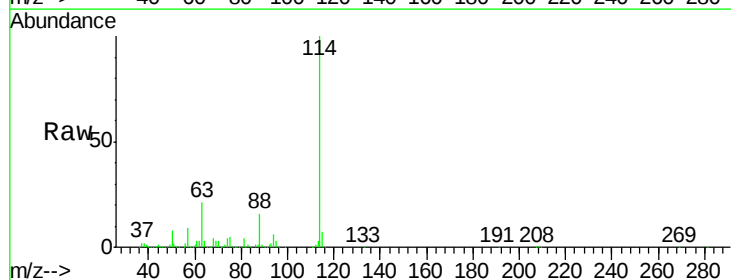
Tgt Ion: 114 Resp: 485723

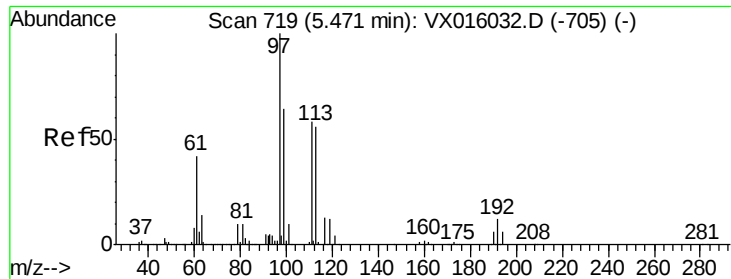
Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.8

88 16.0 0.0 31.4





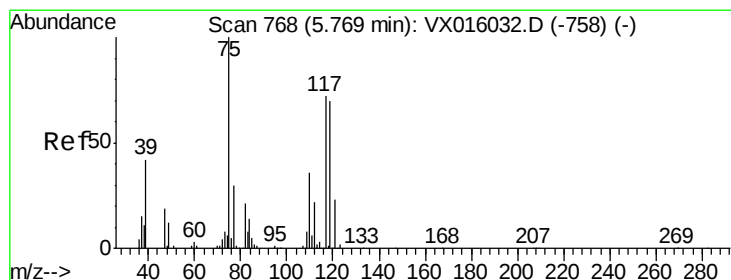
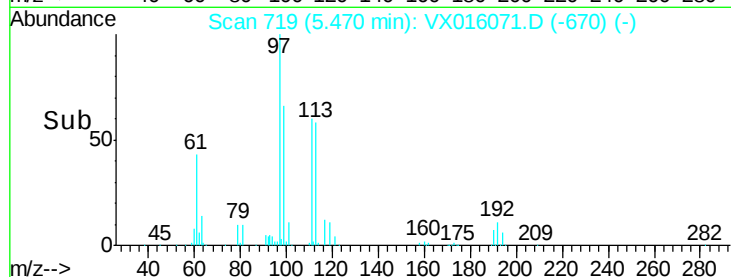
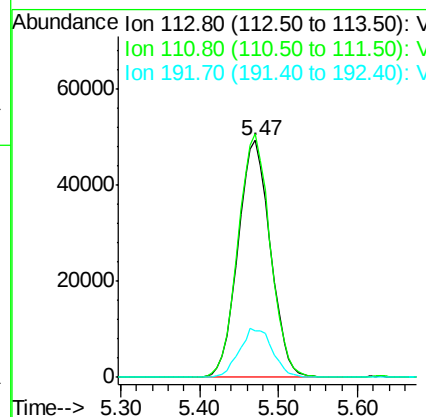
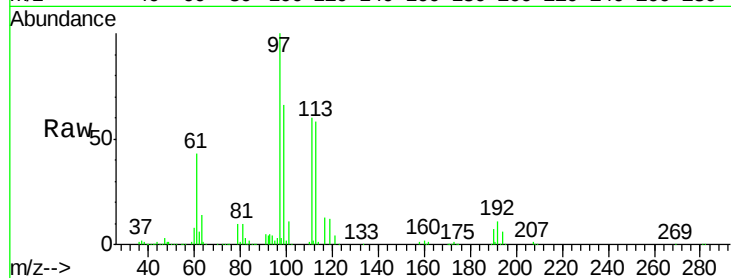
#35
Dibromofluoromethane
Concen: 45.847 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	141082		
111	102.1	81.6	122.4	
192	21.0	17.0	25.4	

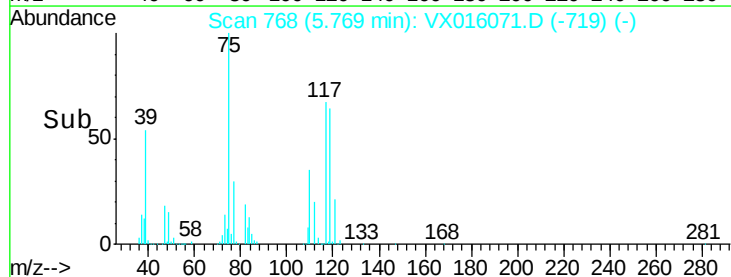
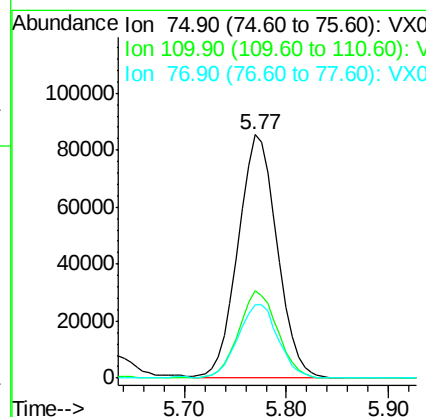
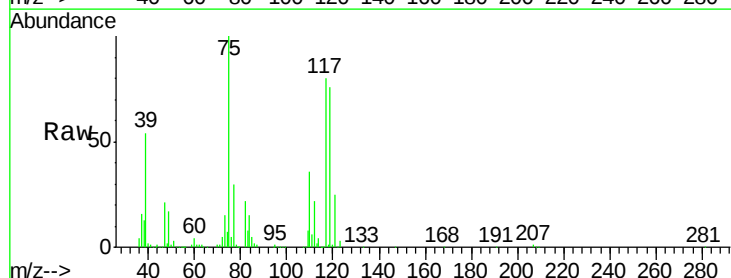
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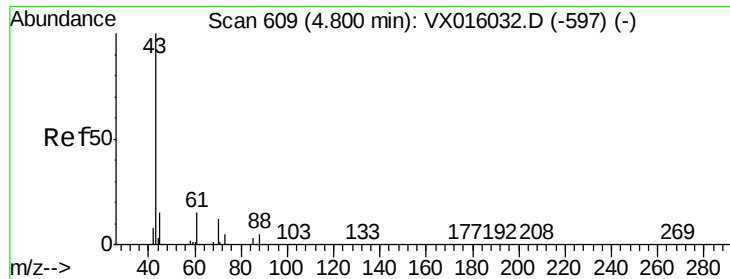
MMDadoda
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#36
1,1-Dichloropropene
Concen: 47.287 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	226094		
110	35.8	18.1	54.1	
77	31.3	25.0	37.6	





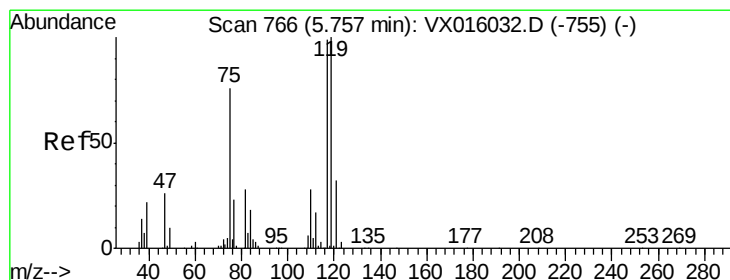
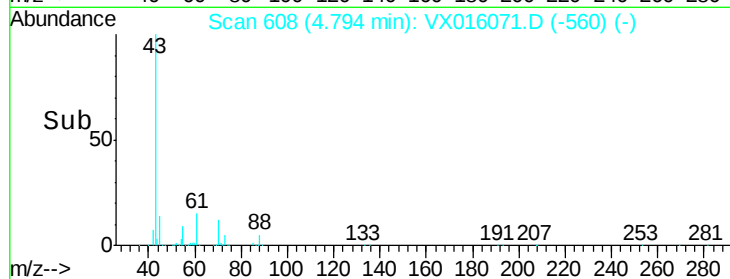
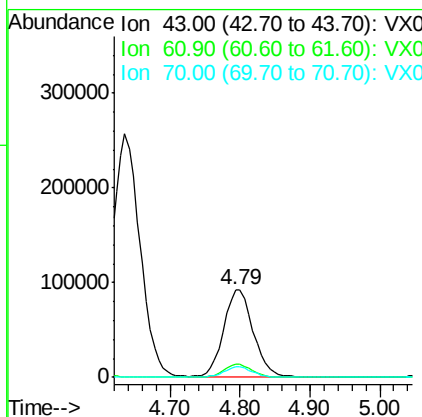
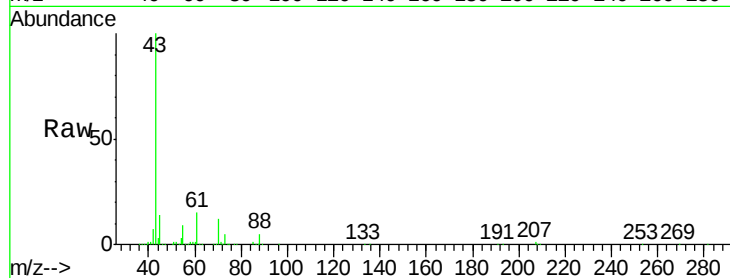
#37
Ethyl Acetate
Concen: 49.049 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.7	17.5
70	11.7	9.3	13.9

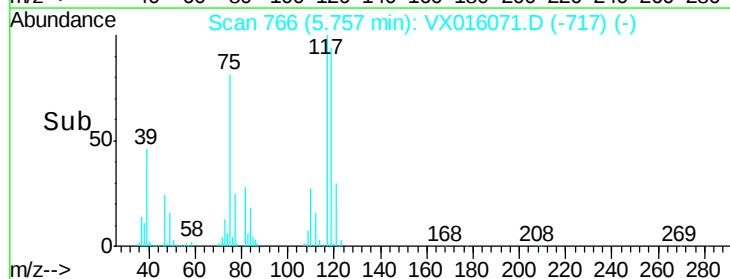
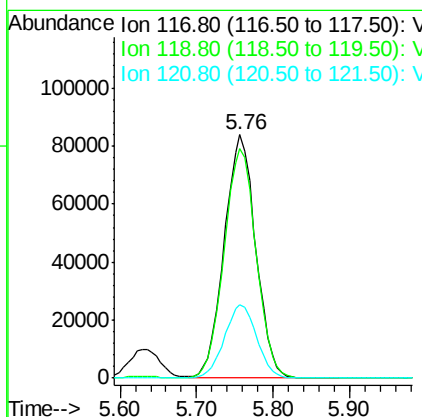
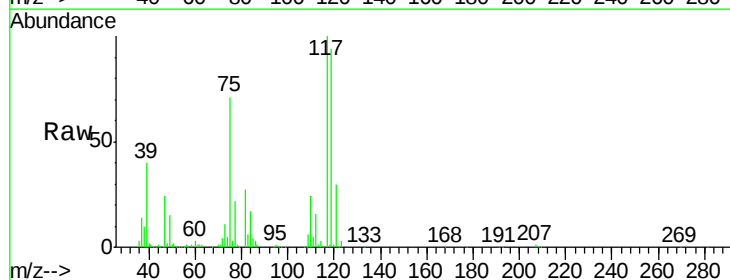
Manual Integrations
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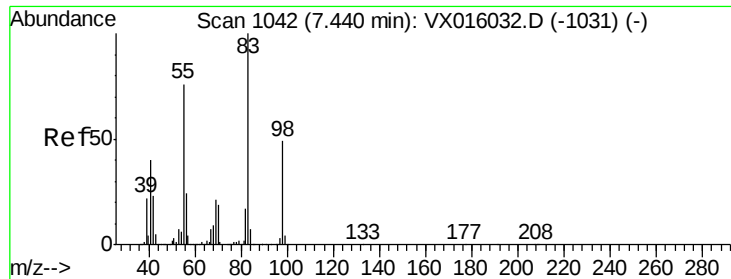
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#38
Carbon Tetrachloride
Concen: 49.181 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	80.3	120.5
121	30.0	25.7	38.5





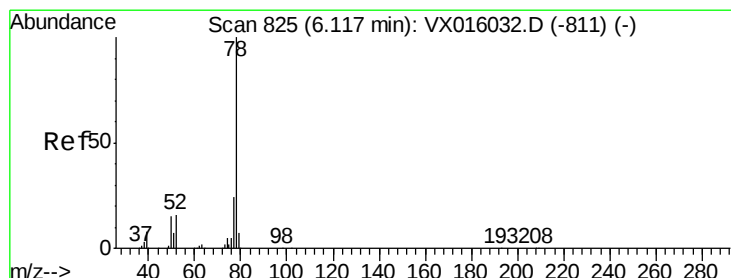
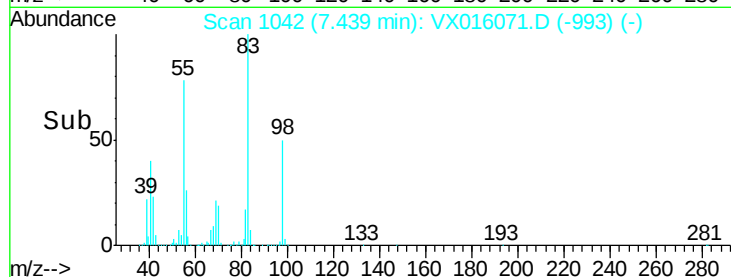
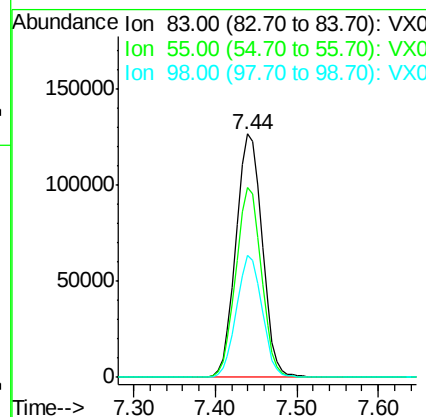
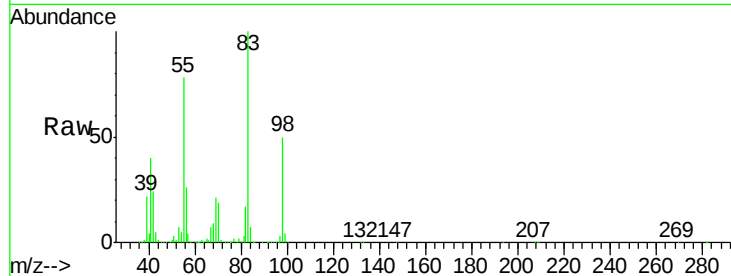
#39
Methvlcvclohexane
Concen: 48.724 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.1	61.1	91.7
98	50.1	39.0	58.4

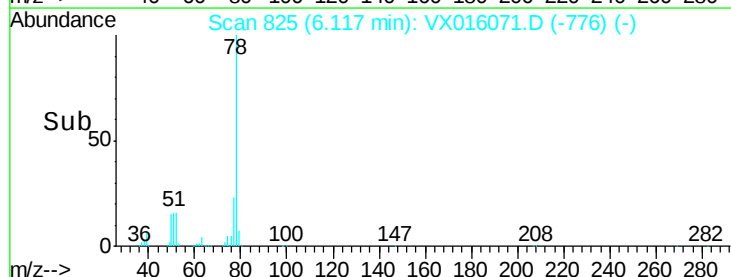
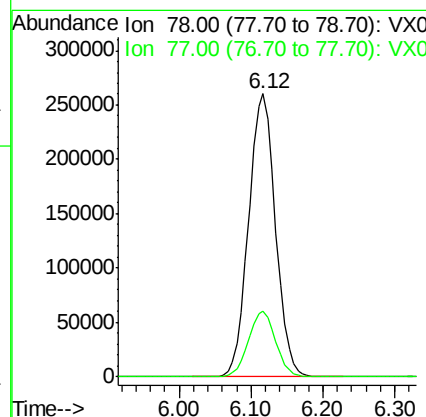
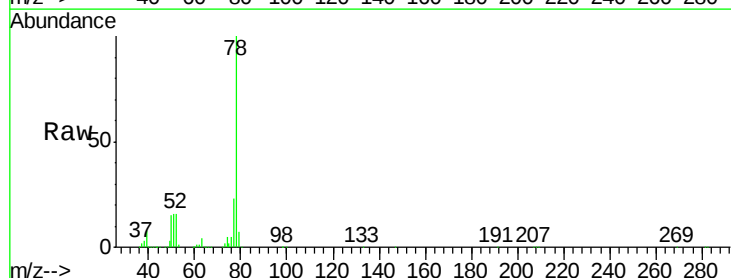
Manual Integrations
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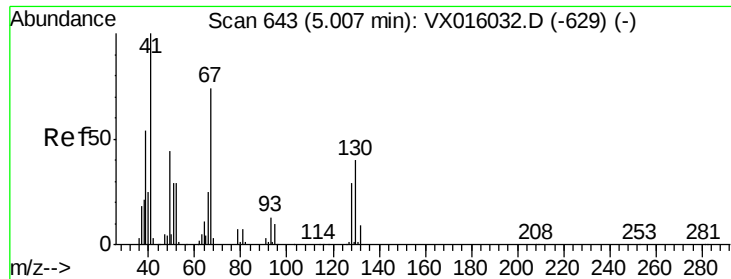
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#40
Benzene
Concen: 48.178 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.4





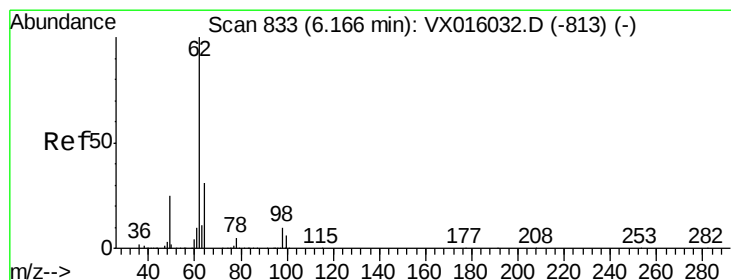
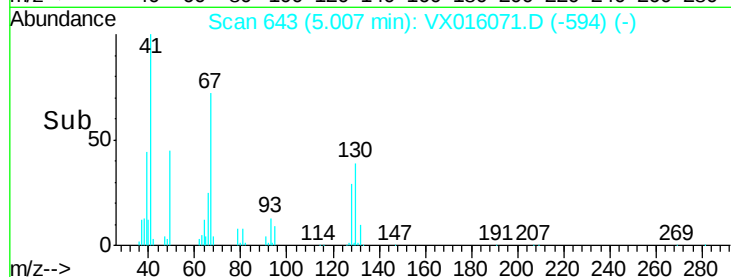
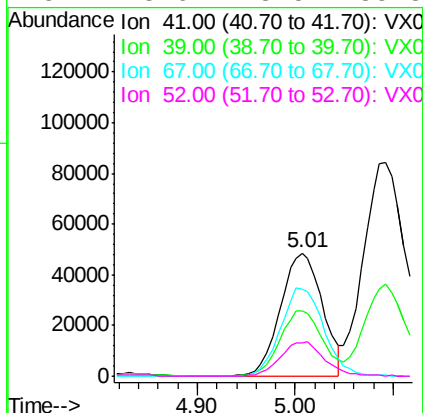
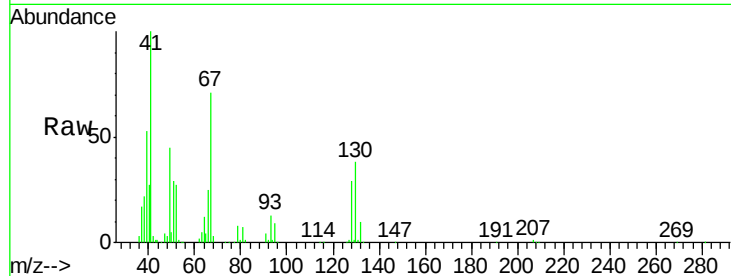
#41
Methacrylonitrile
Concen: 48.280 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.0	43.2	64.8	
67	74.8	59.3	88.9	
52	28.6	23.5	35.3	

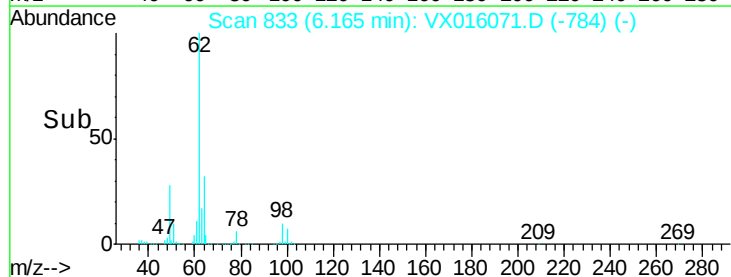
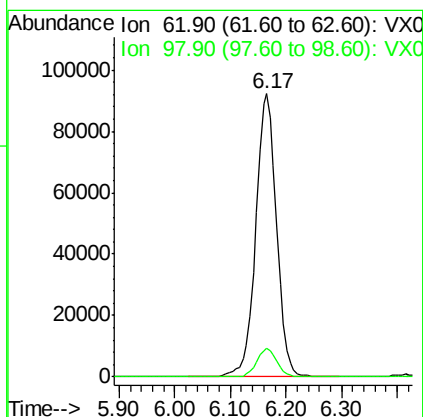
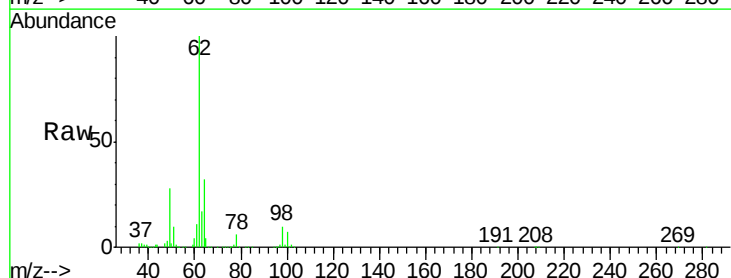
Manual Integrations
APPROVED

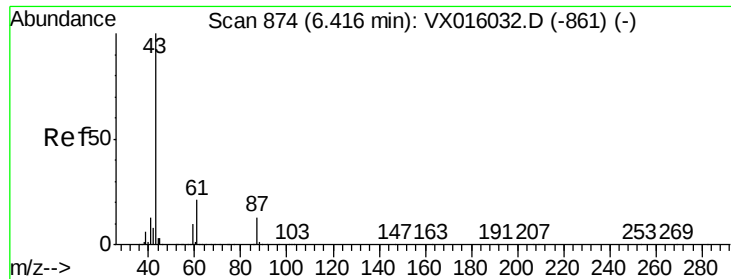
MMDadoda
5/6/2020 12:26:50 PM



#42
1,2-Dichloroethane
Concen: 47.781 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.6	0.0	19.4	





#43

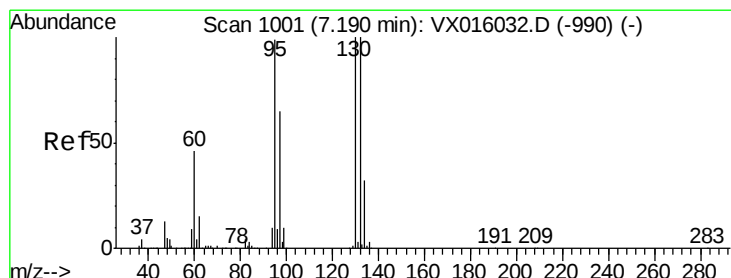
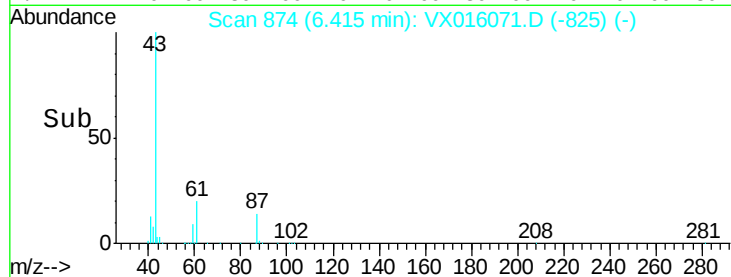
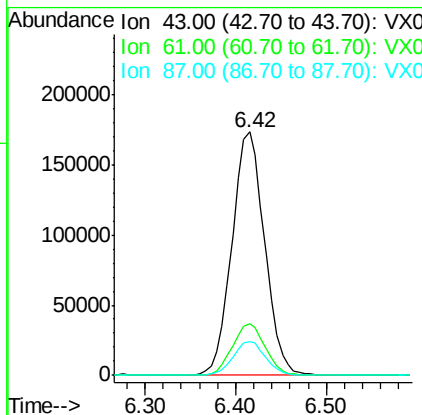
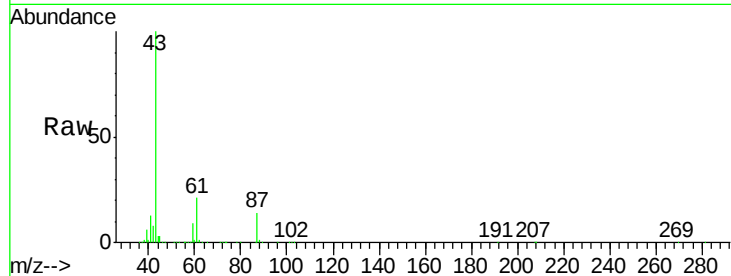
Isopropyl Acetate
 Concen: 48.744 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016071.D
 Acq: 05 May 2020 17:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.5	17.0	25.4
87	14.0	11.0	16.6

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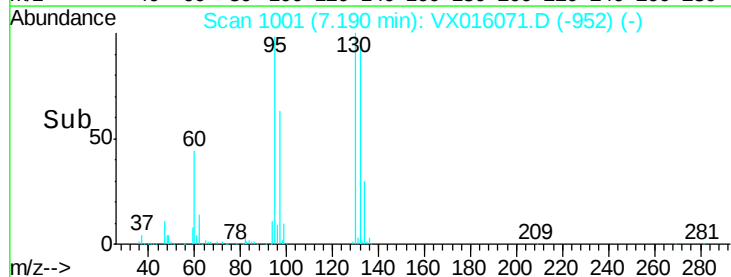
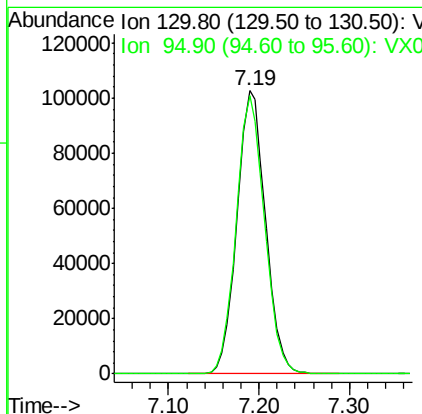
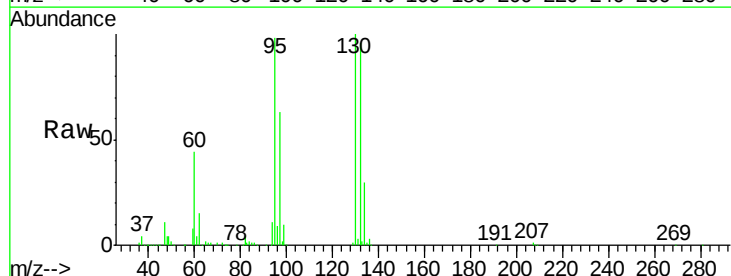
MMDadoda
 5/6/2020 12:26:50 PM

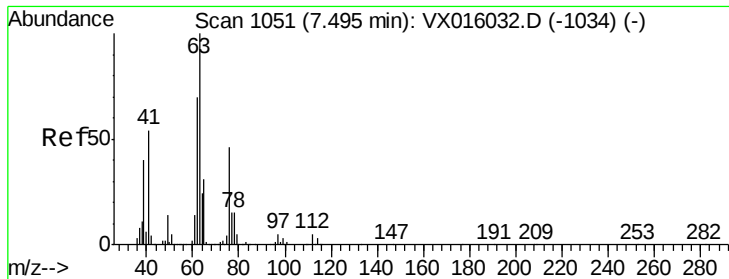


#44

Trichloroethene
 Concen: 45.138 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016071.D
 Acq: 05 May 2020 17:59

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.3	0.0	197.4





#45

1,2-Dichloropropane

Concen: 48.736 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 172521

Ion Ratio Lower Upper

63 100

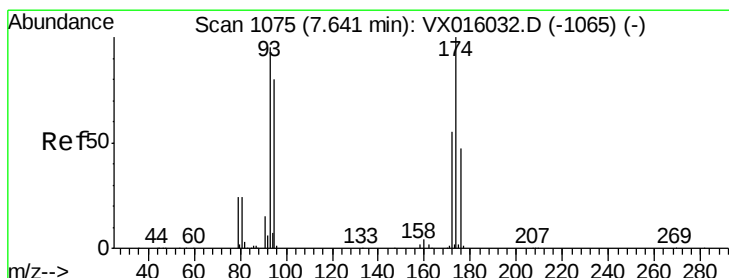
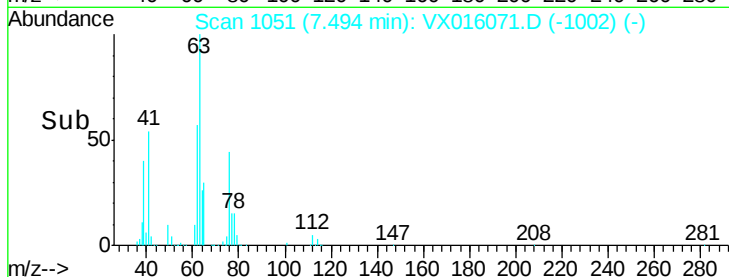
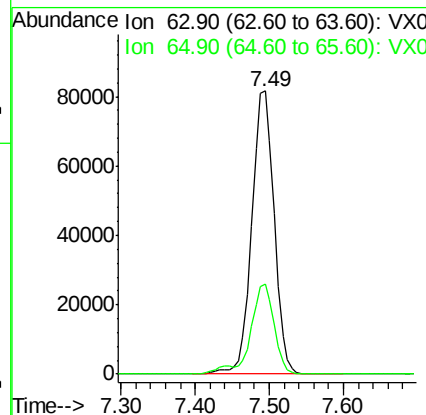
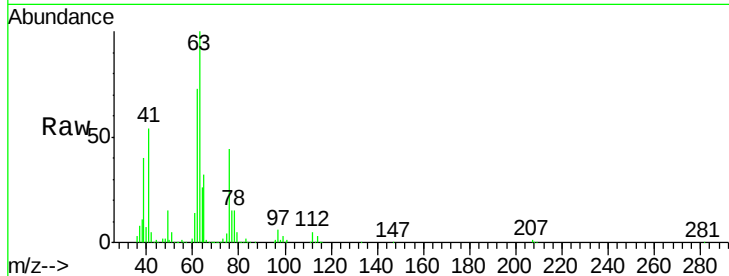
65 32.0 24.4 36.6

Manual Integrations

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#46

Dibromomethane

Concen: 48.219 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

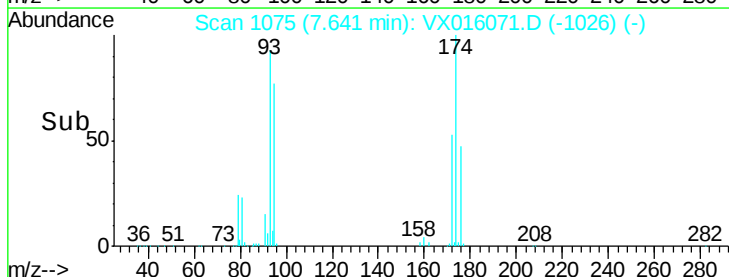
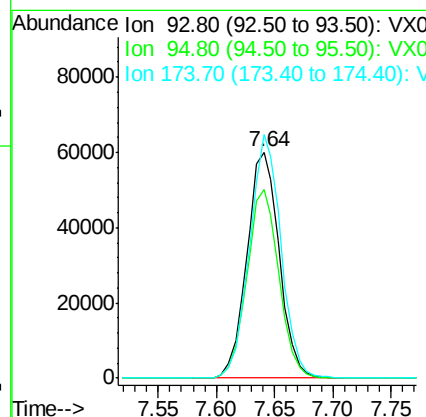
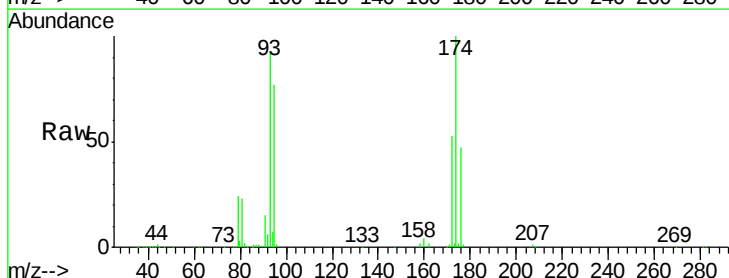
Tgt Ion: 93 Resp: 115995

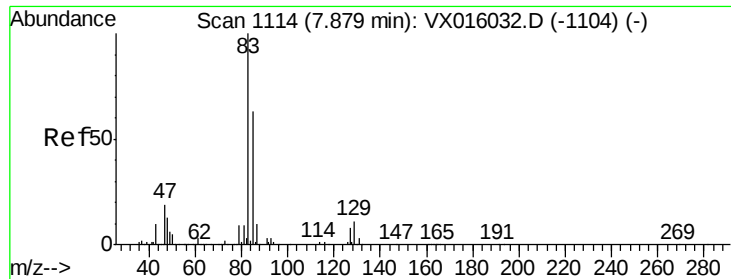
Ion Ratio Lower Upper

93 100

95 82.8 66.6 100.0

174 105.1 84.2 126.4





#47

Bromodichloromethane

Concen: 49.216 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Instrument :

MSVOA_X

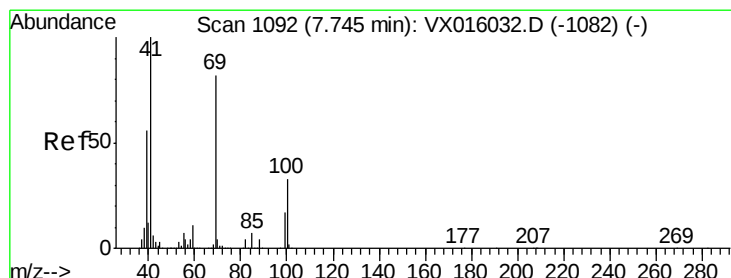
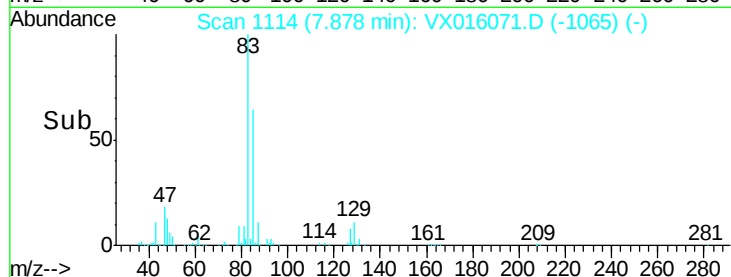
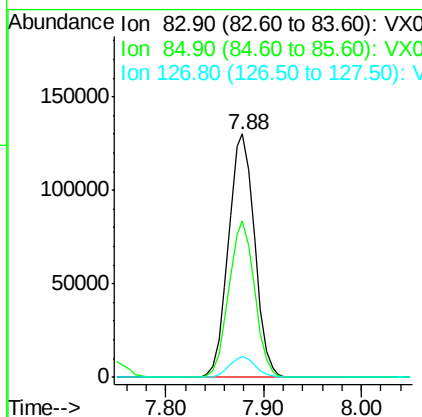
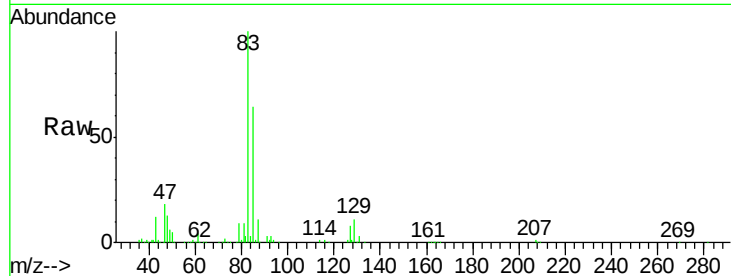
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	241126
Ion Ratio	Lower	Upper	
83	100		
85	64.1	50.5	75.7
127	8.5	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.025 ug/l

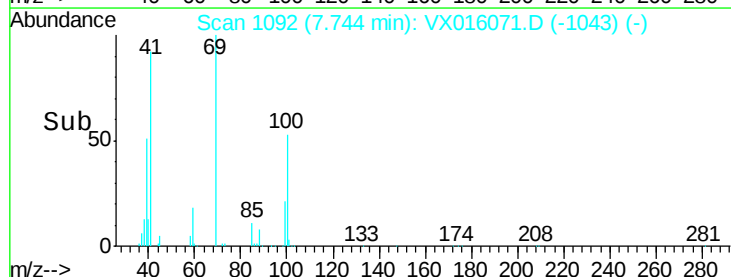
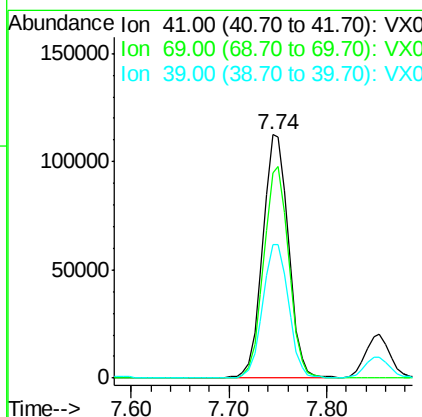
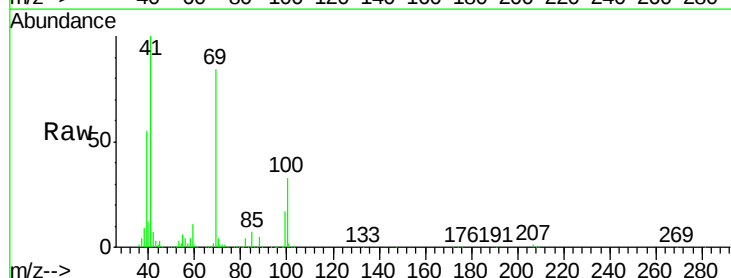
RT: 7.74 min Scan# 1092

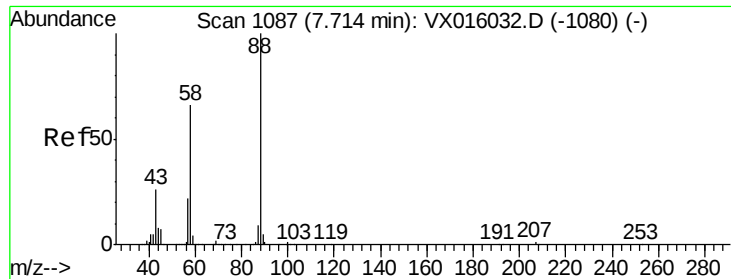
Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Tgt Ion:	41	Resp:	205400
Ion Ratio	Lower	Upper	
41	100		
69	85.0	67.8	101.6
39	55.0	44.6	67.0





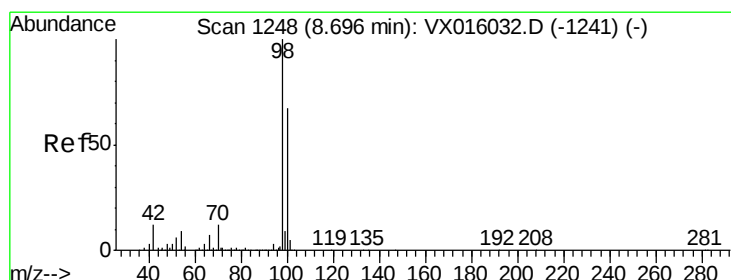
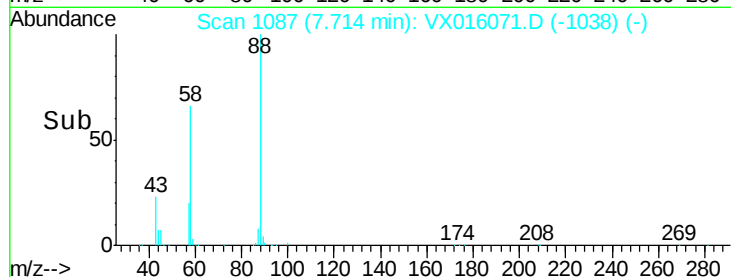
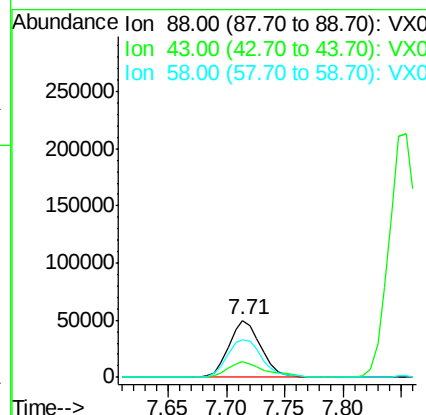
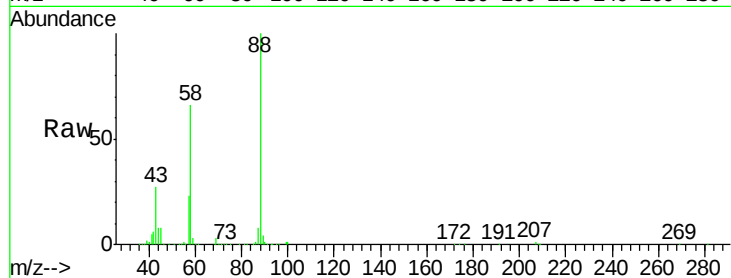
#49
1,4-Dioxane
Concen: 947.726 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.4	25.3	37.9
58	71.5	55.9	83.9

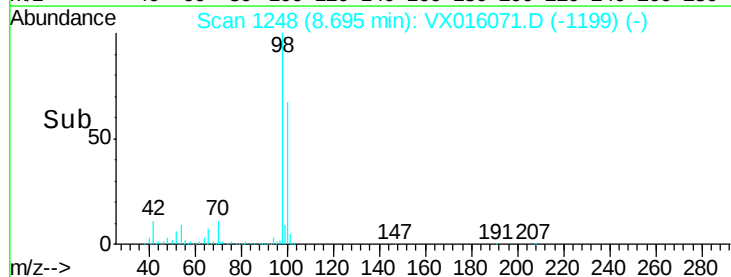
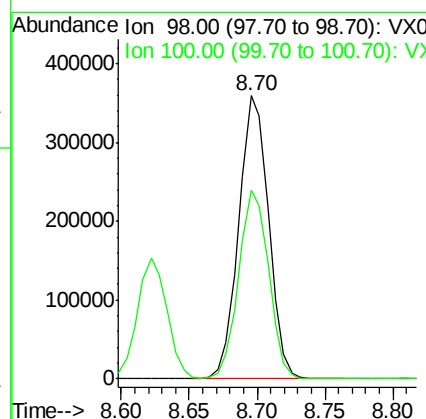
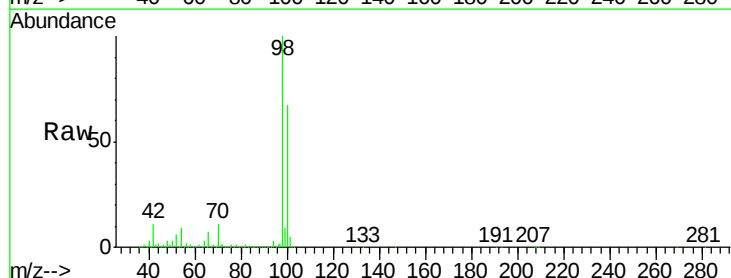
Manual Integrations
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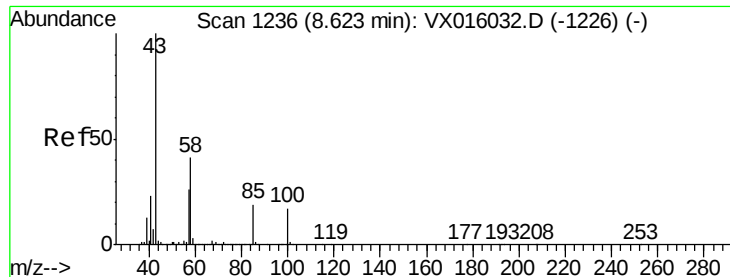
MMDadoda
5/6/2020 12:26:50 PM



#50
Toluene-d8
Concen: 46.350 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.7	80.5





#51

4-Methyl-2-Pentanone

Concen: 249.550 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1350241

Ion Ratio Lower Upper

43 100

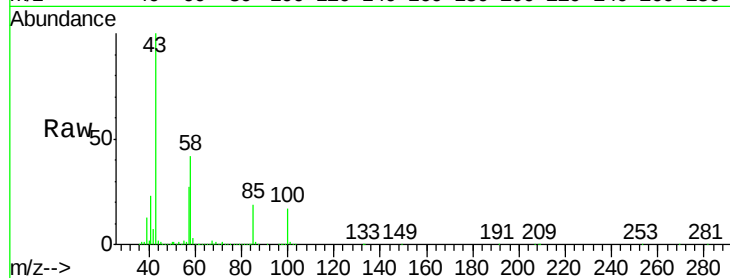
58 41.8 33.0 49.4

Manual Integrations

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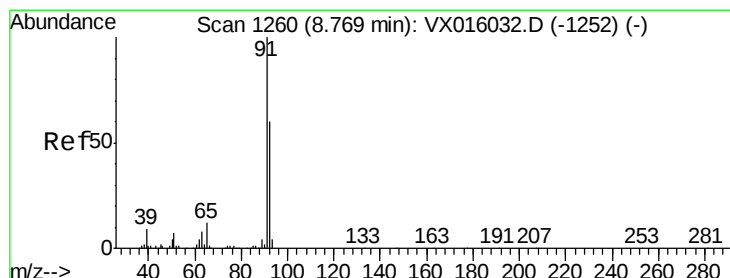
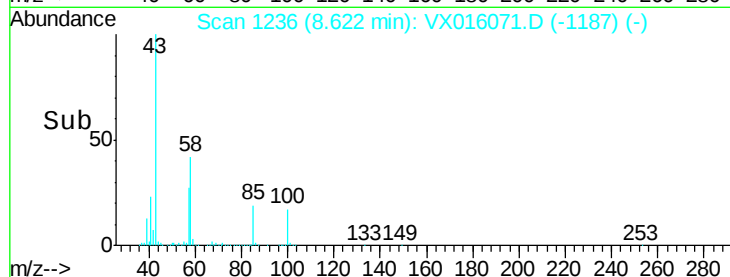
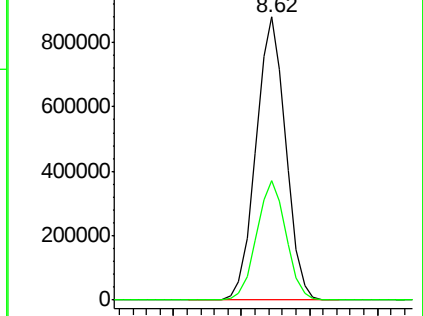
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 48.895 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016071.D

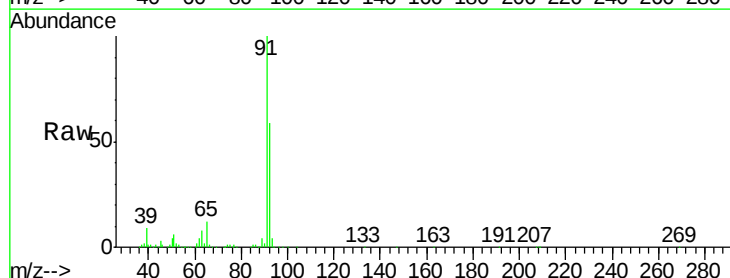
Acq: 05 May 2020 17:59

Tgt Ion: 92 Resp: 426363

Ion Ratio Lower Upper

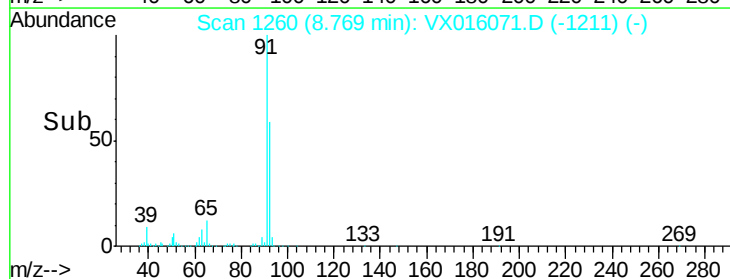
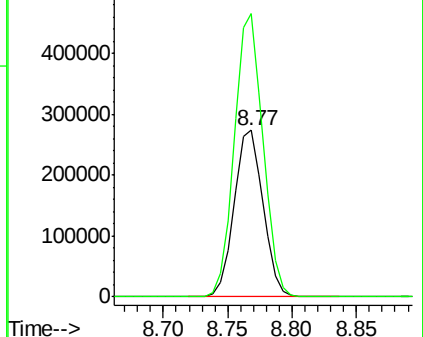
92 100

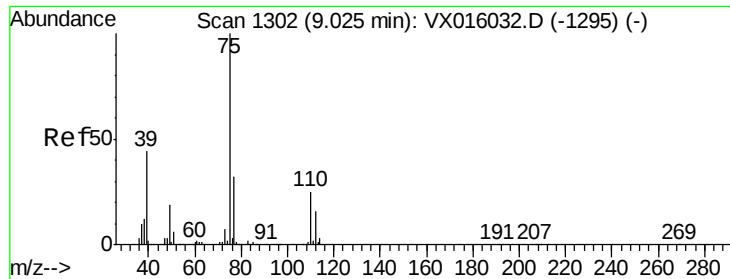
91 168.0 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 48.403 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 282747

Ion Ratio Lower Upper

75 100

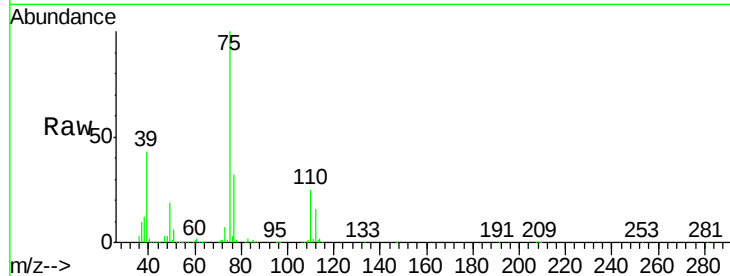
77 32.1 25.7 38.5

Manual Integrations

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

200000

150000

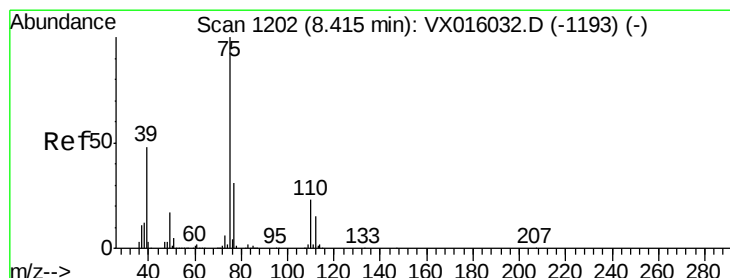
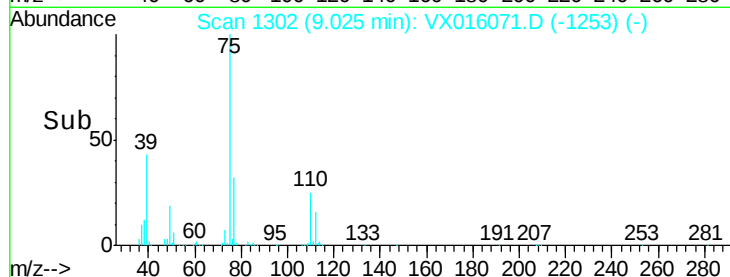
100000

50000

0

8.90 9.00 9.10 9.20

Time-->



#54

cis-1,3-Dichloropropene

Concen: 48.182 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

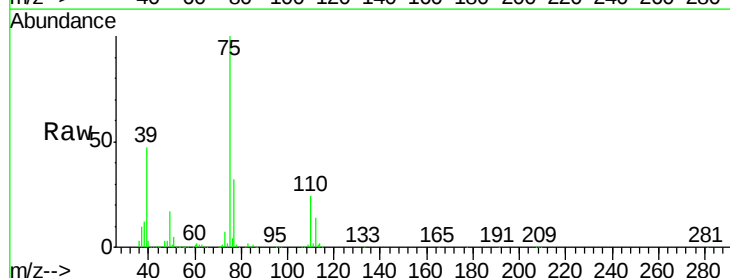
Tgt Ion: 75 Resp: 293988

Ion Ratio Lower Upper

75 100

77 32.3 24.7 37.1

39 47.3 38.7 58.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.41

250000

200000

150000

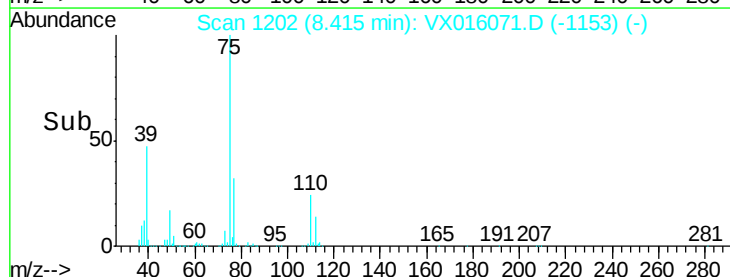
100000

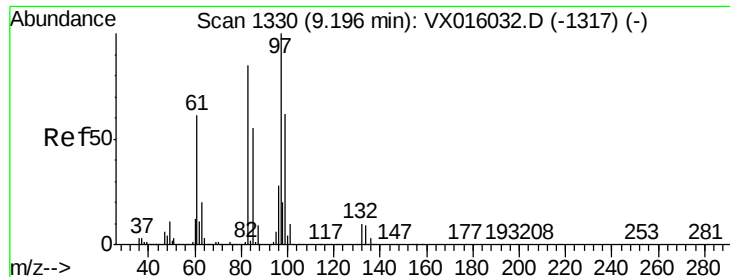
50000

0

8.40 8.50

Time-->





#55

1,1,2-Trichloroethane

Concen: 49.373 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Instrument :

MSVOA_X

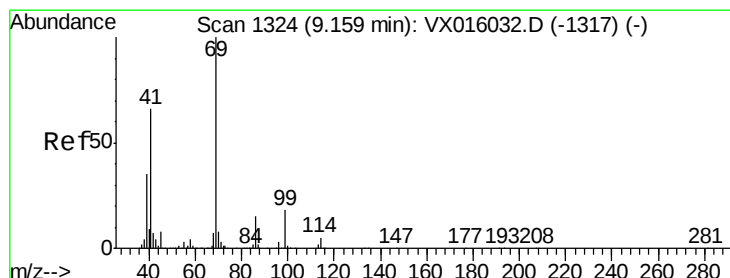
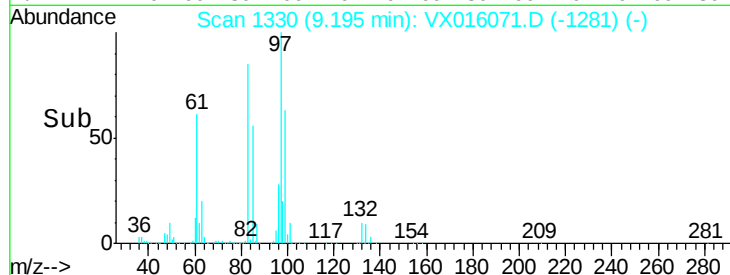
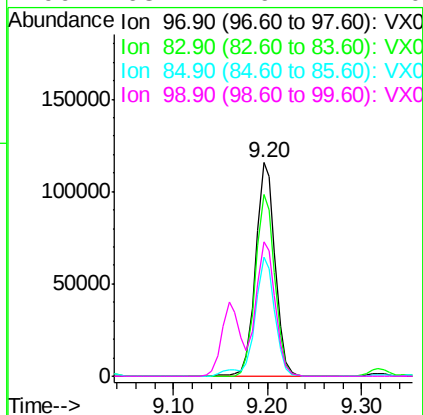
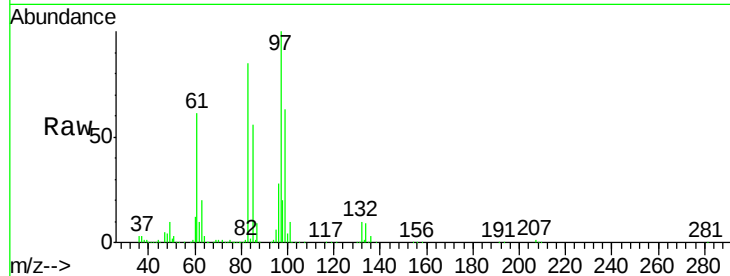
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	169387
Ion	Ratio	Lower	Upper
97	100		
83	85.3	67.8	101.8
85	55.6	43.8	65.8
99	63.2	49.4	74.0

Manual Integrations
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#56

Ethyl methacrylate

Concen: 50.519 ug/l

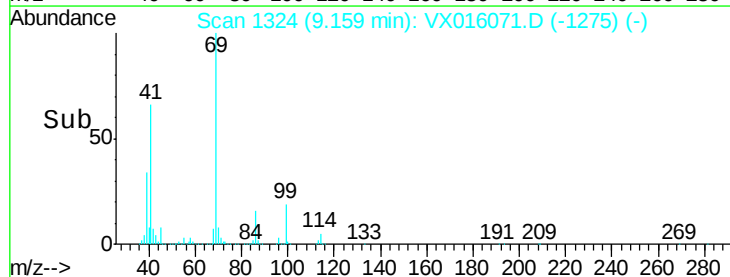
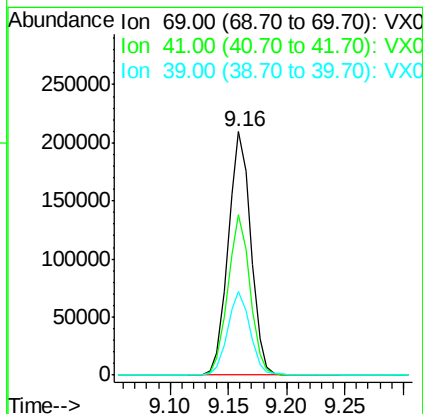
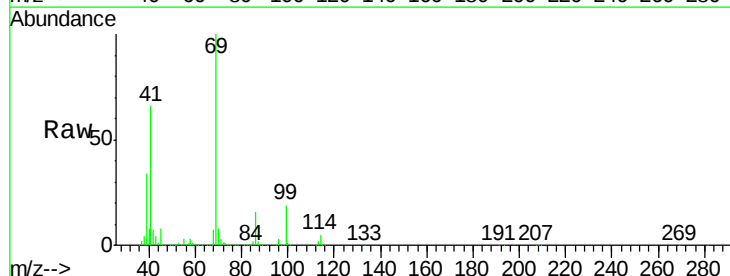
RT: 9.16 min Scan# 1324

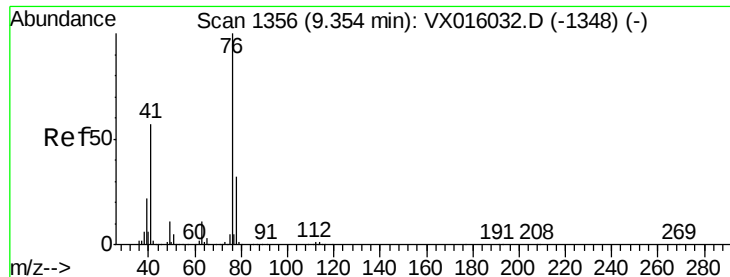
Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Tgt Ion:	69	Resp:	282910
Ion	Ratio	Lower	Upper
69	100		
41	64.1	52.2	78.4
39	34.2	28.2	42.4





#57

1,3-Dichloropropane

Concen: 49.278 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 294994

Ion Ratio Lower Upper

76 100

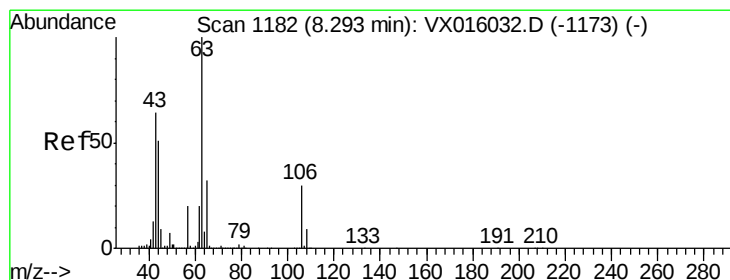
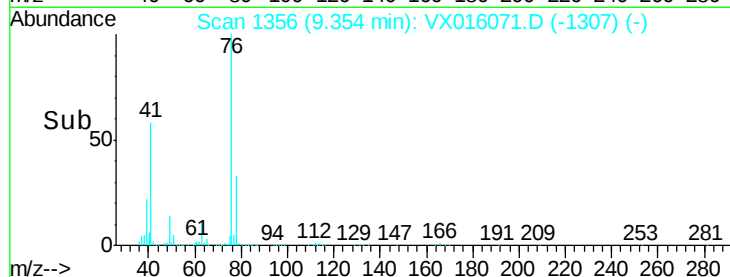
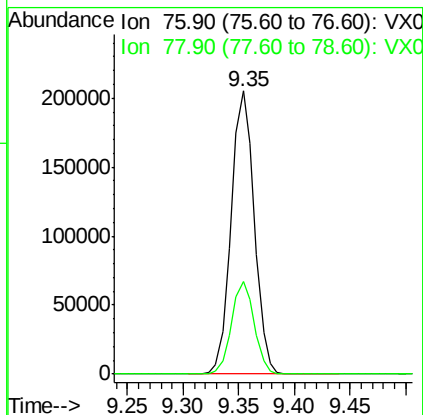
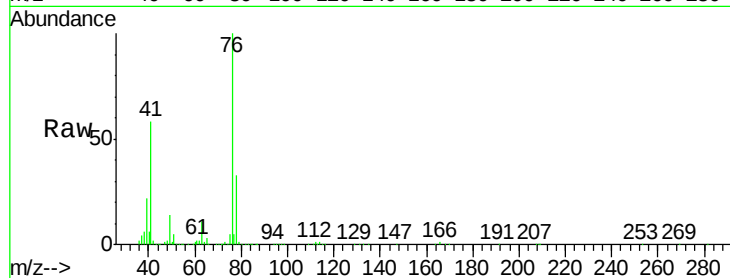
78 32.2 25.9 38.9

Manual Integrations

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5/6/2020 12:26:50 PM



#58

2-Chloroethyl Vinyl ether

Concen: 247.521 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016071.D

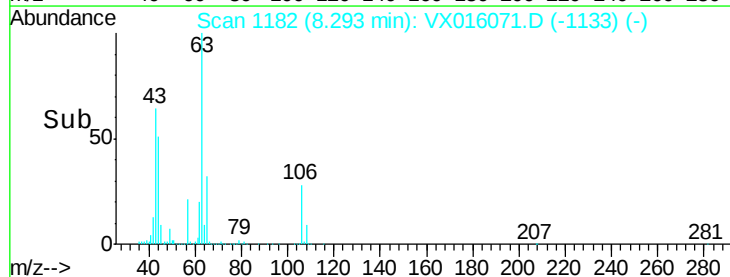
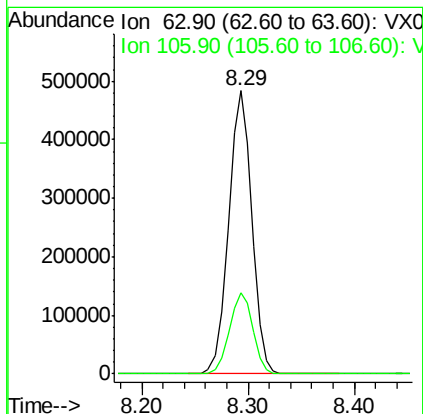
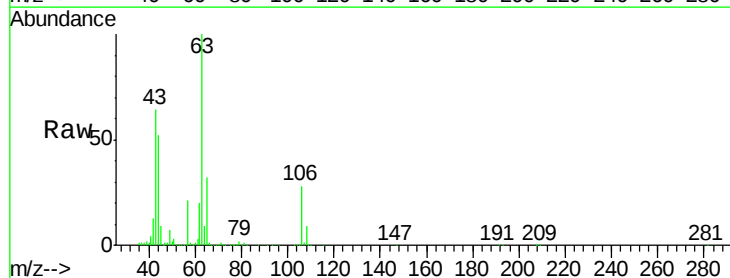
Acq: 05 May 2020 17:59

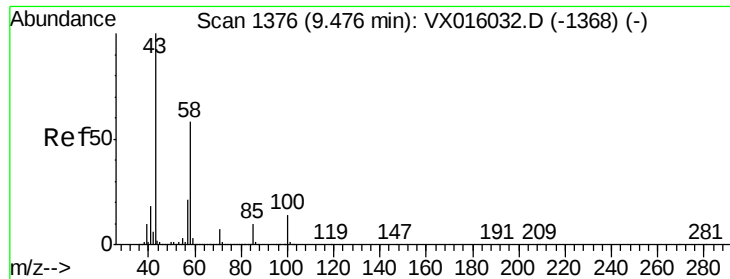
Tgt Ion: 63 Resp: 737950

Ion Ratio Lower Upper

63 100

106 28.9 23.4 35.2





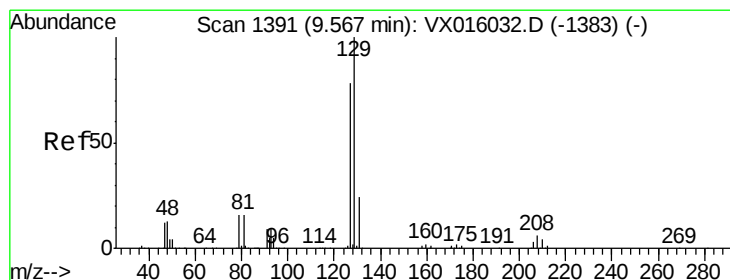
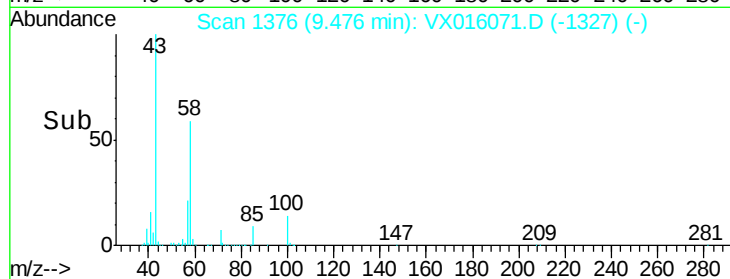
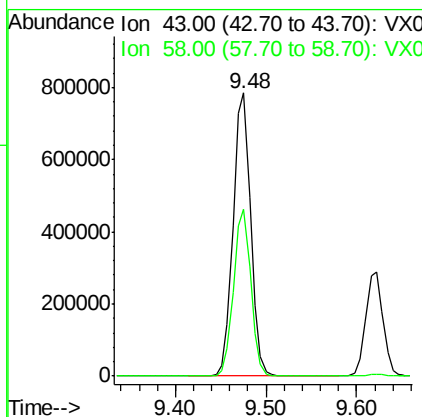
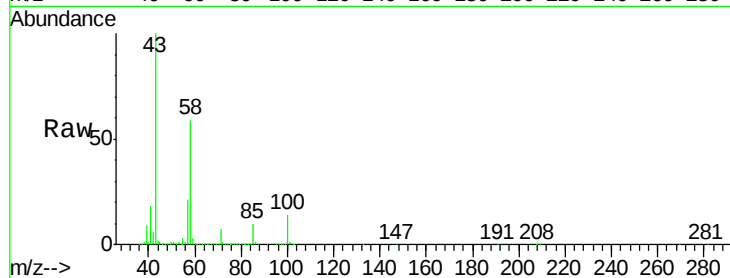
#59
2-Hexanone
Concen: 247.152 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1050186
Ion Ratio Lower Upper
43 100
58 58.2 28.6 85.9

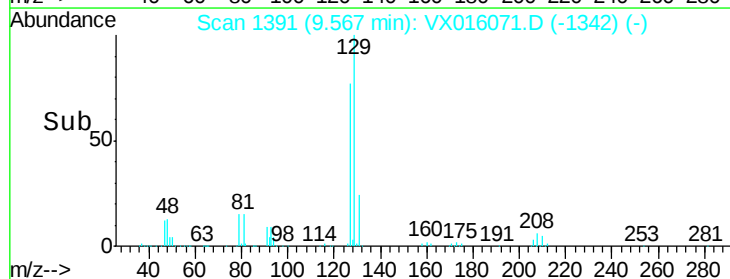
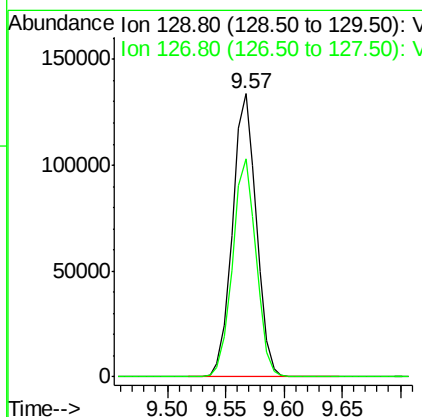
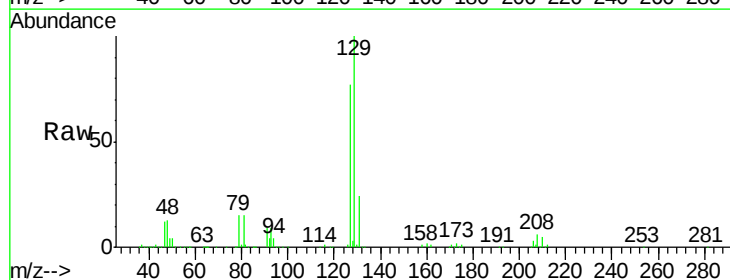
Manual Integrations
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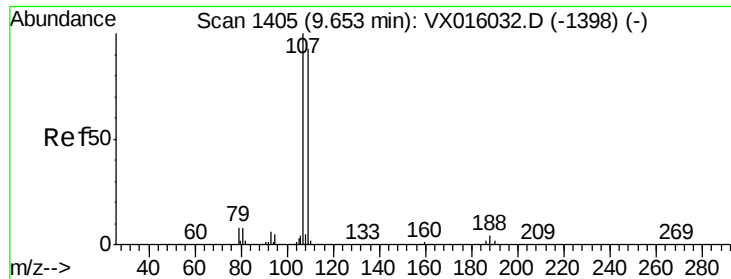
MMDadoda
5/6/2020 12:26:50 PM



#60
Dibromochloromethane
Concen: 50.571 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

Tgt Ion: 129 Resp: 191082
Ion Ratio Lower Upper
129 100
127 76.3 38.4 115.2





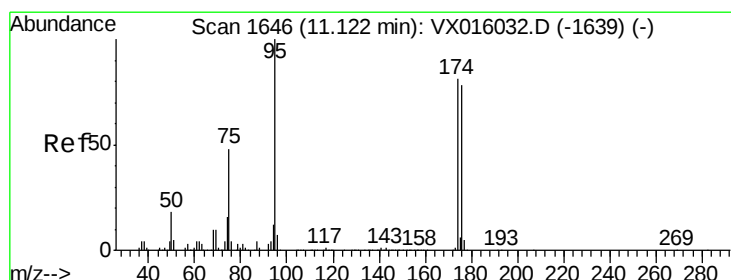
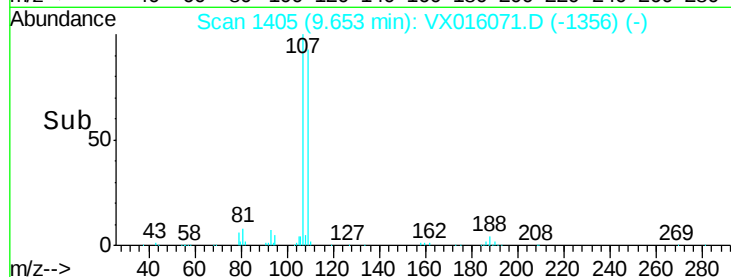
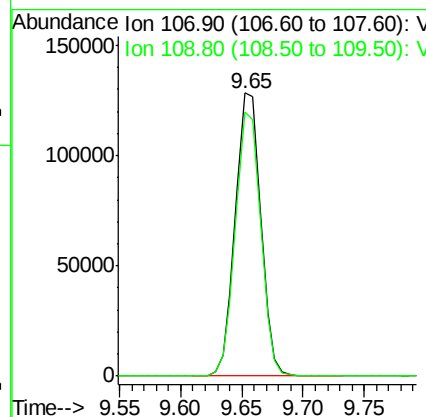
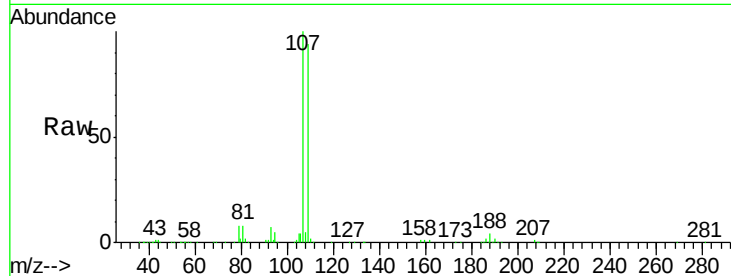
#61
 1,2-Dibromoethane
 Concen: 49.678 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX016071.D
 Acq: 05 May 2020 17:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.2	74.9	112.3

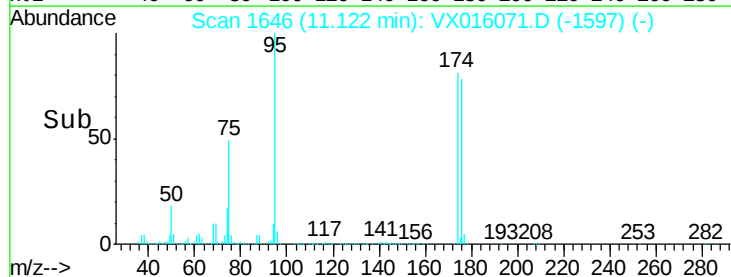
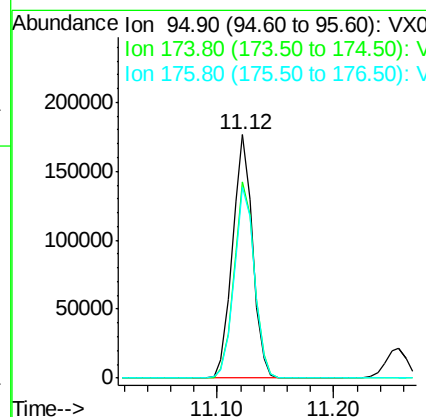
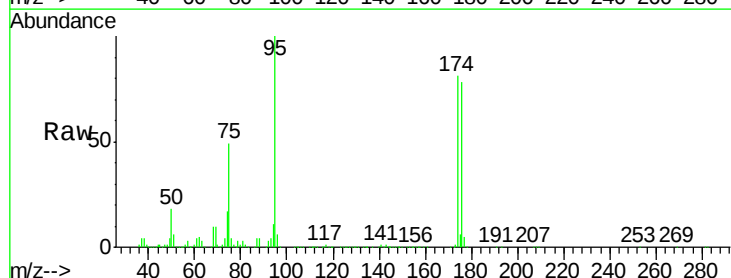
Manual Integrations
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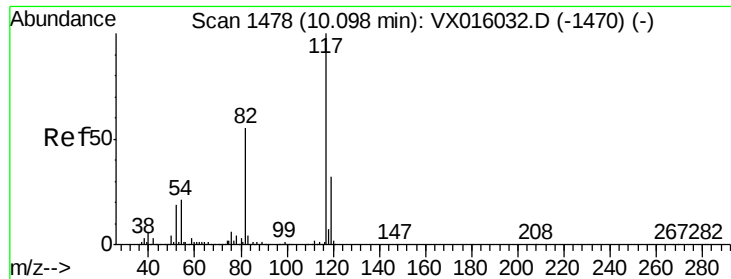
MMDadoda
 5/6/2020 12:26:50 PM



#62
 4-Bromofluorobenzene
 Concen: 46.758 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX016071.D
 Acq: 05 May 2020 17:59

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.3	0.0	159.4
176	79.5	0.0	157.6





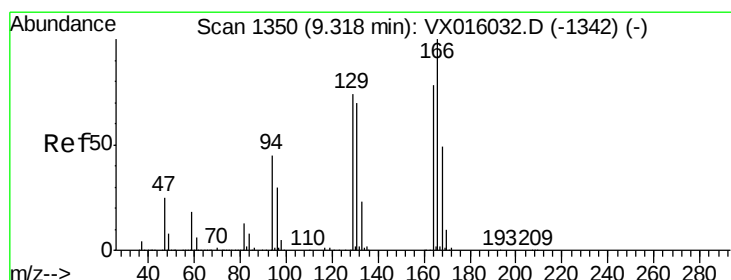
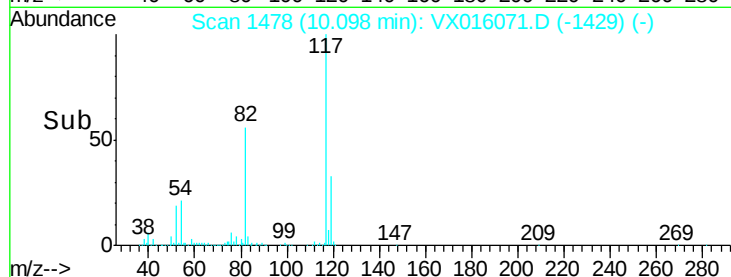
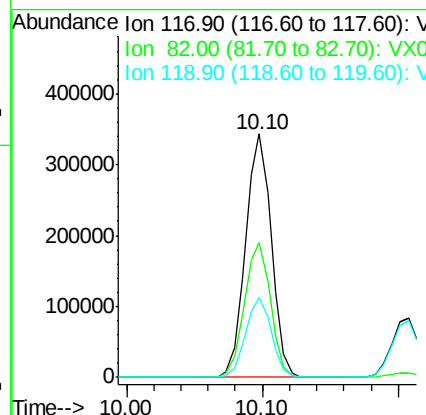
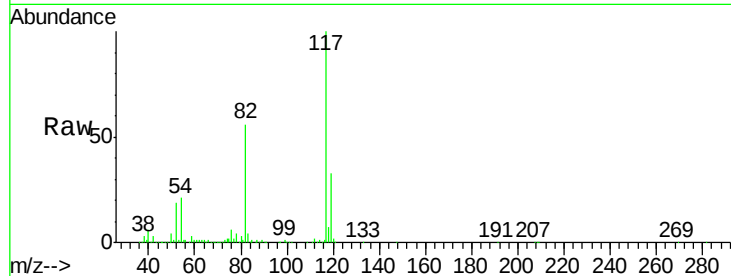
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	55.5	44.4	66.6
119	32.9	25.5	38.3

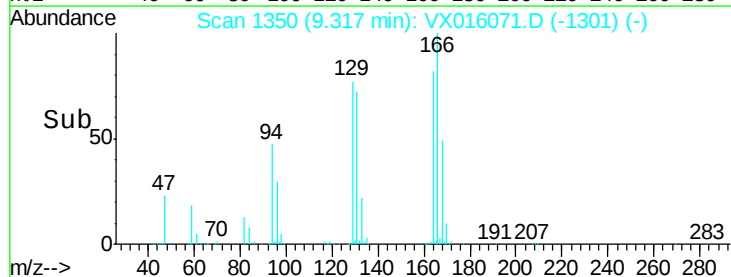
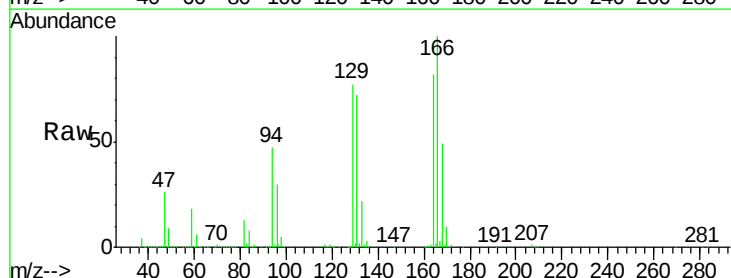
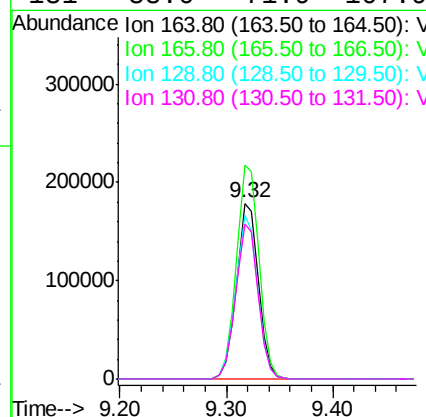
Manual Integrations
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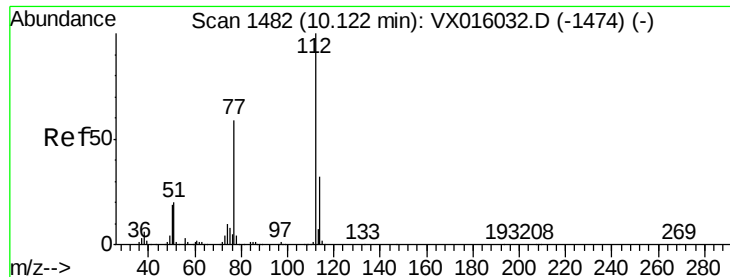
MMDadoda
5/6/2020 12:26:50 PM



#64
Tetrachloroethene
Concen: 46.741 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	121.7	102.9	154.3
129	93.1	76.1	114.1
131	88.0	71.9	107.9





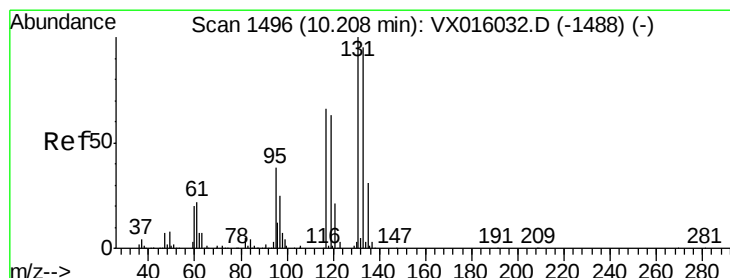
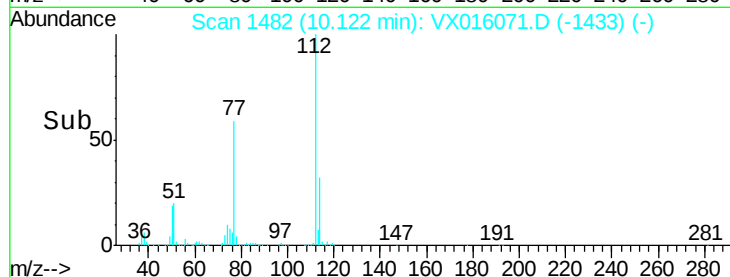
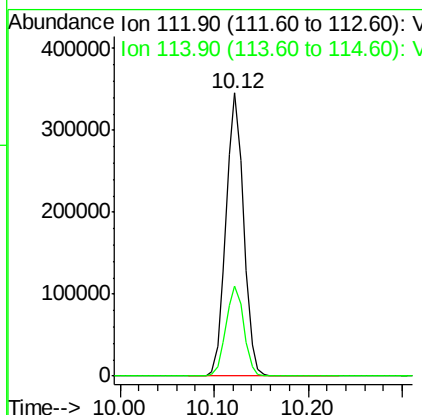
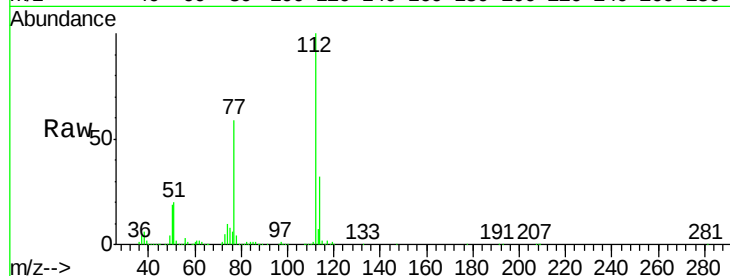
#65
Chlorobenzene
Concen: 47.229 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.7	38.5

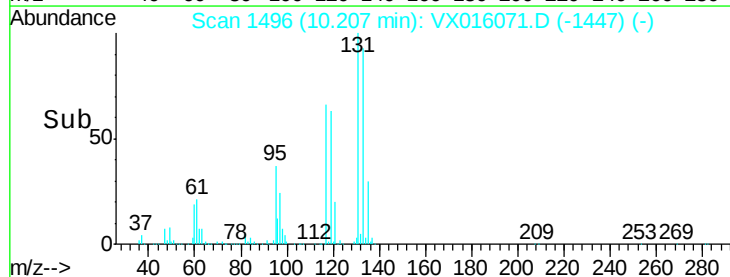
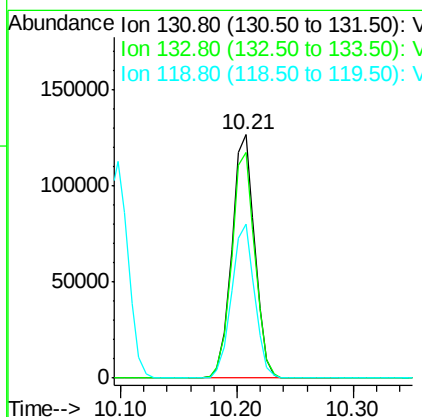
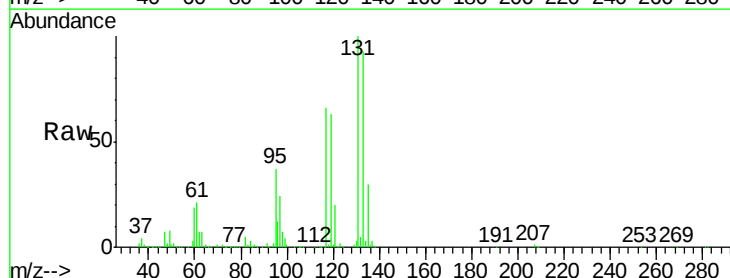
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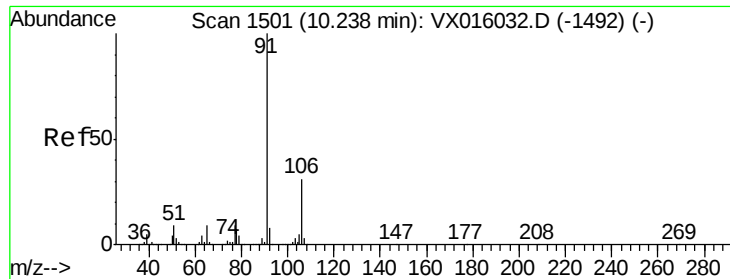
MMDadoda
5/6/2020 12:26:50 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.226 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.2	48.3	144.8
119	63.8	32.3	96.9





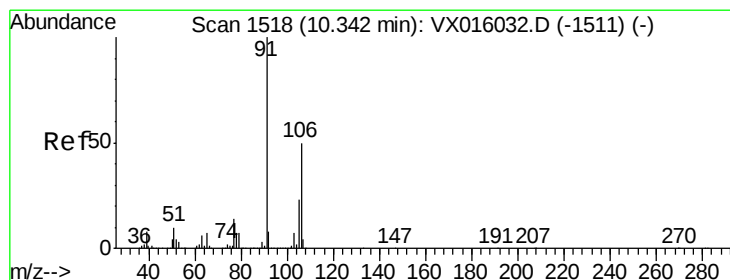
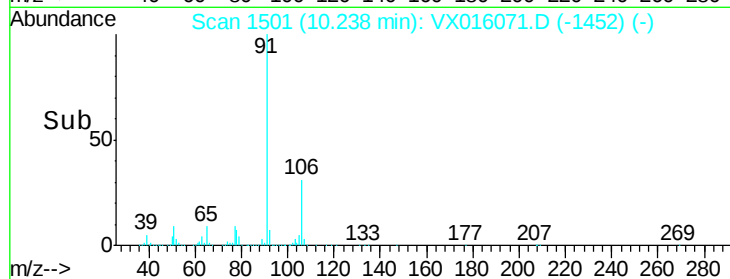
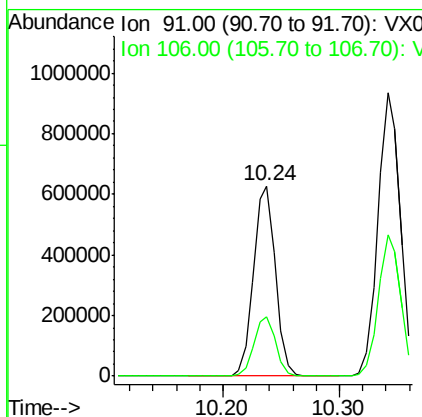
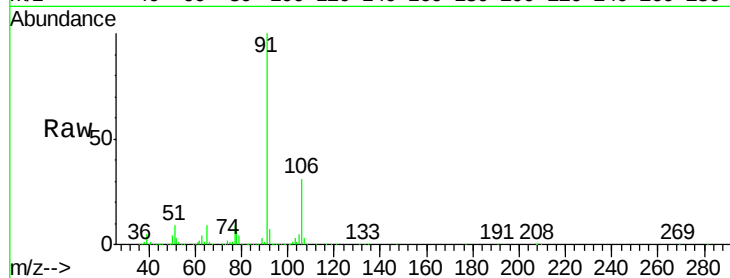
#67
Ethyl Benzene
Concen: 48.391 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 820815
Ion Ratio Lower Upper
91 100
106 31.1 25.1 37.7

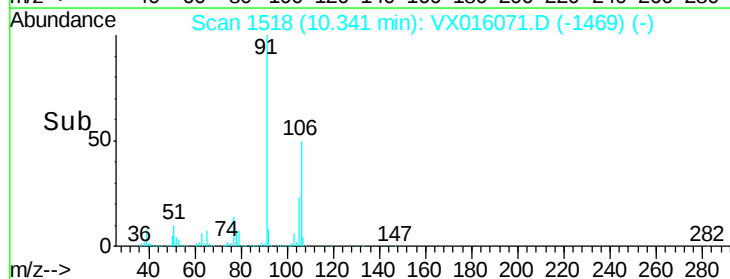
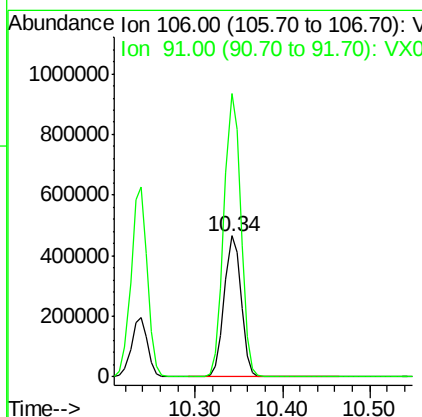
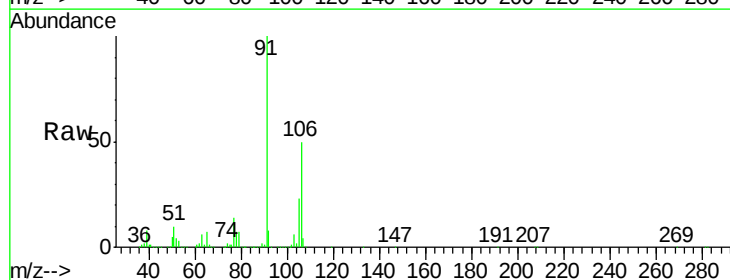
Manual Integrations
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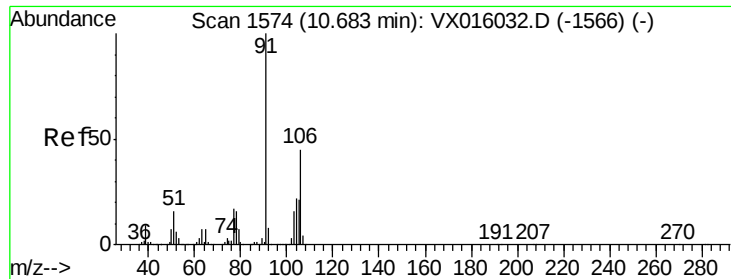
MMDadoda
5/6/2020 12:26:50 PM



#68
m/p-Xylenes
Concen: 97.592 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

Tgt Ion: 106 Resp: 620202
Ion Ratio Lower Upper
106 100
91 201.0 161.7 242.5





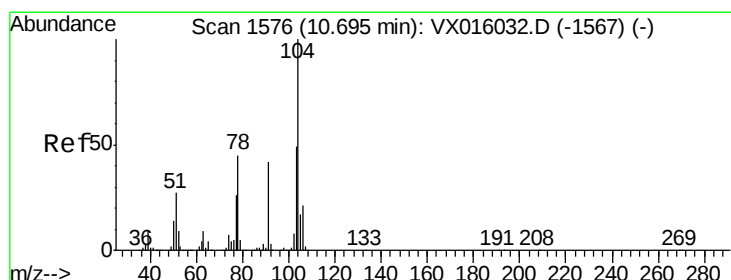
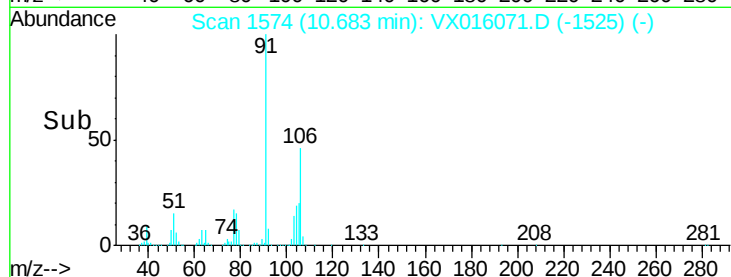
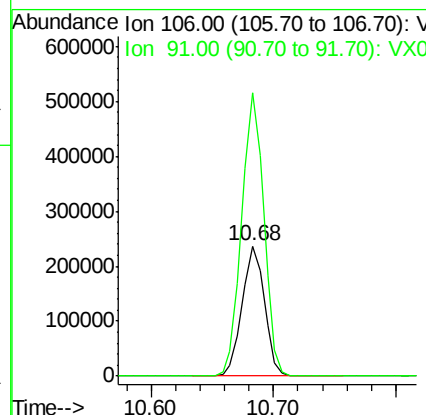
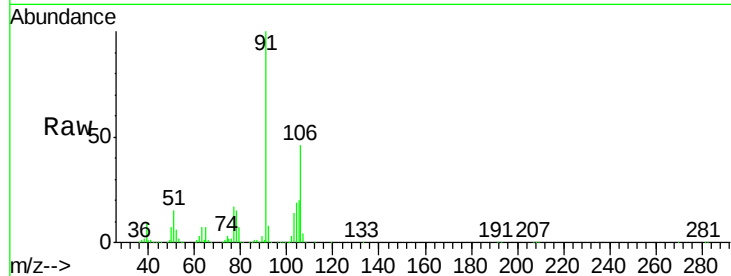
#69
o-Xylene
Concen: 48.731 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		297682		
91	216.2	107.5	322.6		

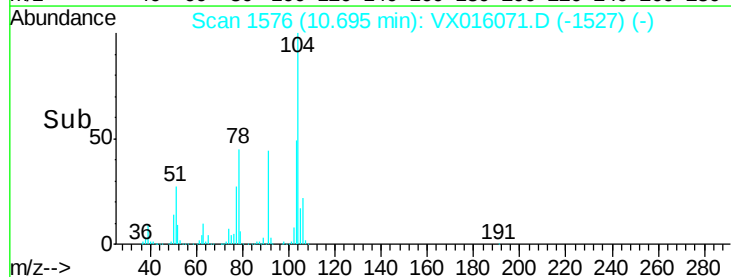
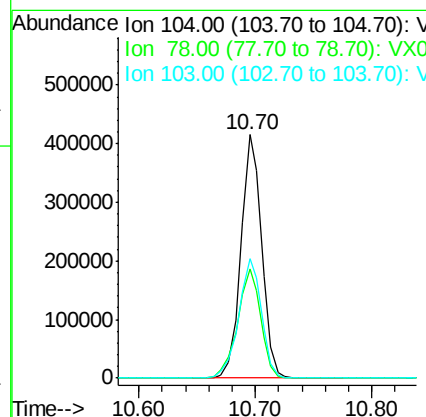
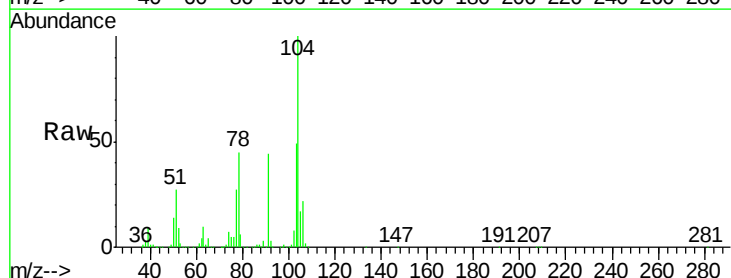
Manual Integrations
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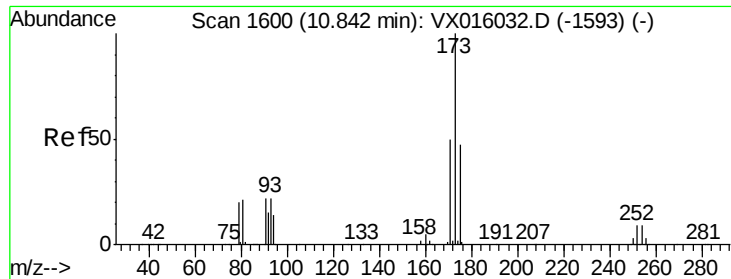
MMDadoda
5/6/2020 12:26:50 PM



#70
Styrene
Concen: 49.665 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		514695		
78	49.9	40.2	60.2		
103	53.9	43.0	64.6		





#71

Bromoform

Concen: 50.433 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Instrument :

MSVOA_X

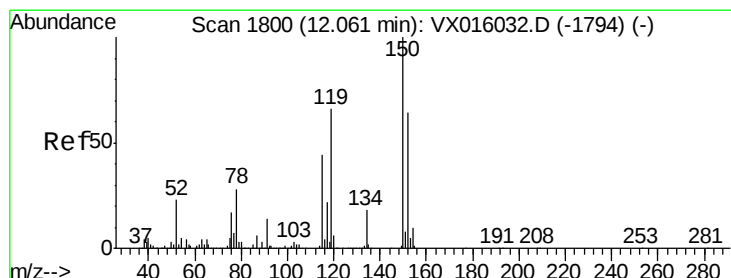
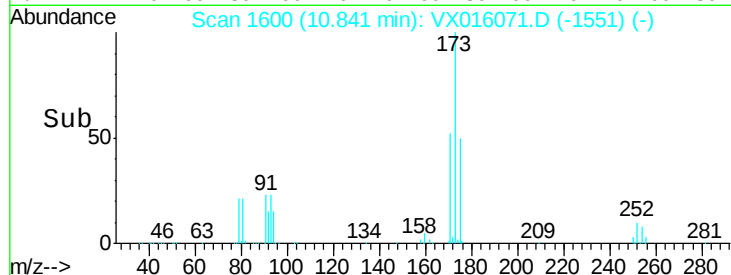
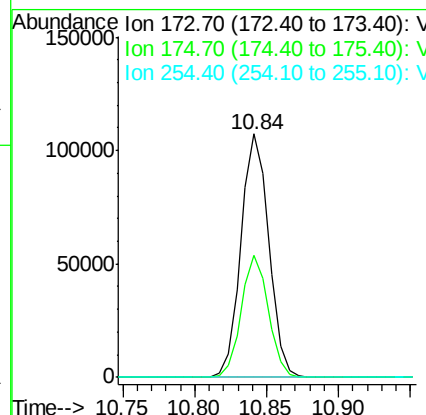
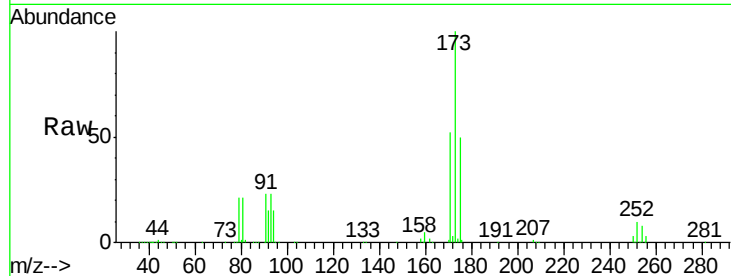
ClientSampleId :

VSTDCCC050EC

Tot Ion:	173	Resp:	144376
Ion Ratio	Lower	Upper	
173	100		
175	48.8	24.0	72.0
254	0.1	0.1	0.1#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

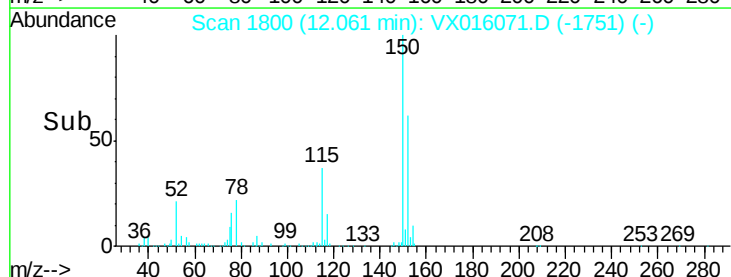
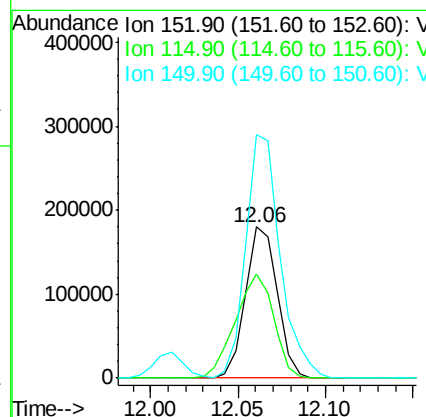
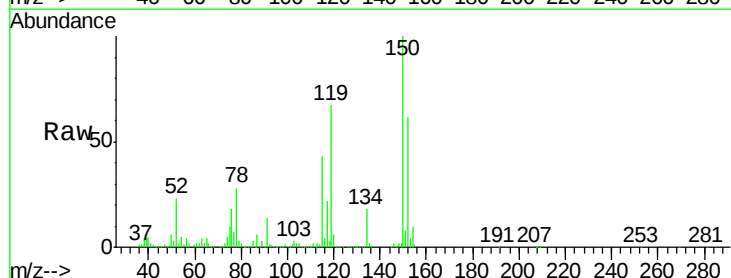
RT: 12.06 min Scan# 1800

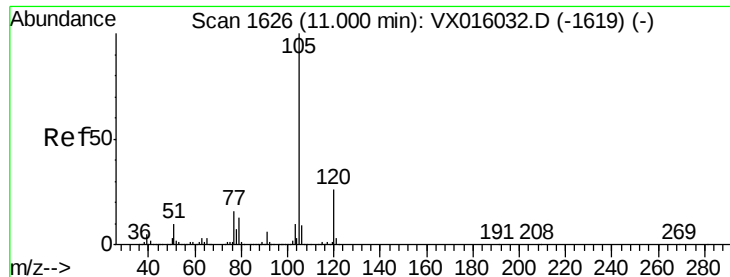
Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Tgt Ion:	152	Resp:	227546
Ion Ratio	Lower	Upper	
152	100		
115	82.6	41.3	124.1
150	175.1	0.0	352.2





#73

Isopropylbenzene

Concen: 48.294 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 799290

Ion Ratio Lower Upper

105 100

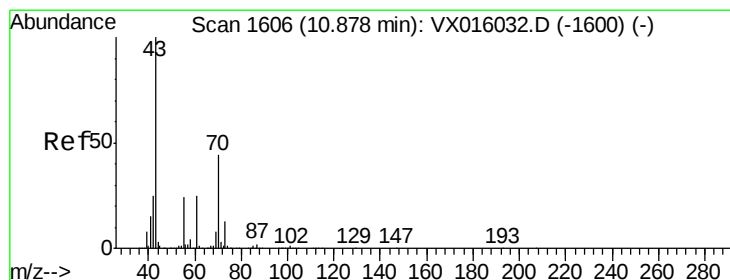
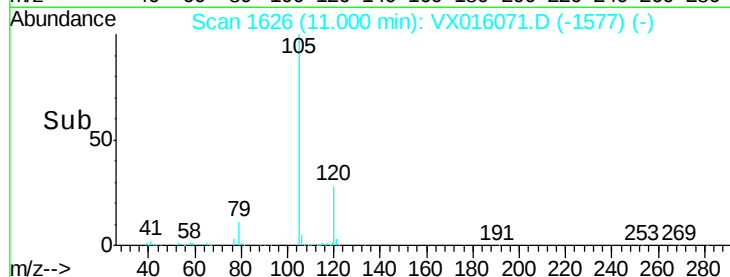
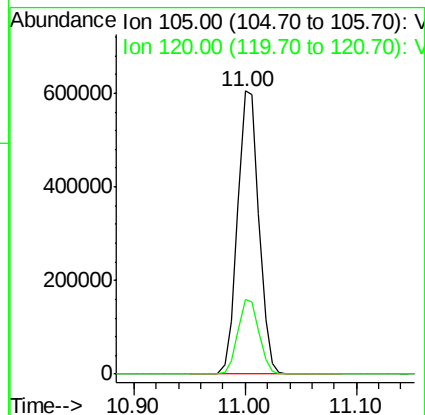
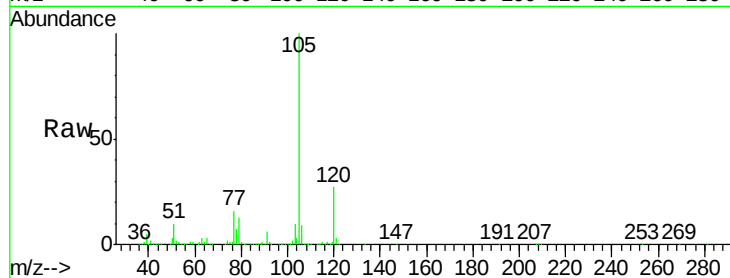
120 26.3 13.4 40.2

Manual Integrations

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#74

N-ethyl acetate

Concen: 48.762 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Tgt Ion: 43 Resp: 376436

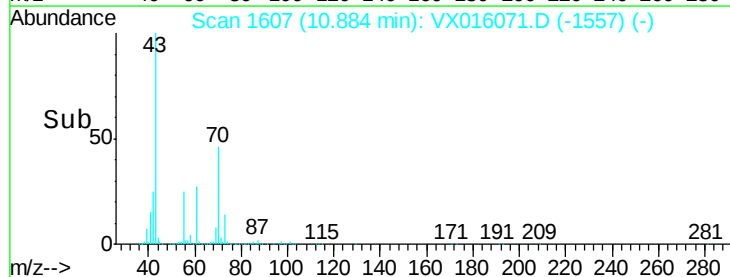
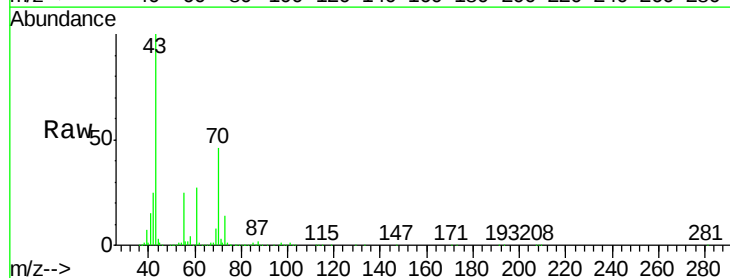
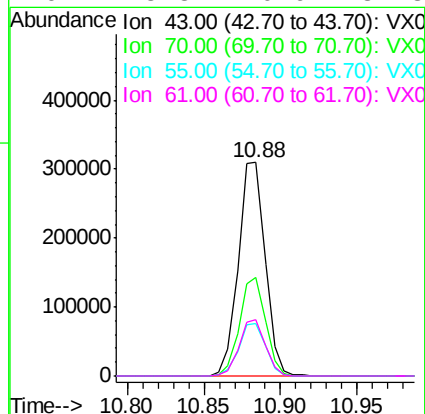
Ion Ratio Lower Upper

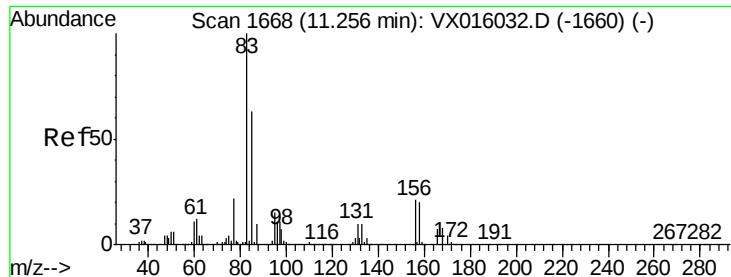
43 100

70 45.0 36.5 54.7

55 24.7 19.7 29.5

61 25.8 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 53.652 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Instrument :

MSVOA_X

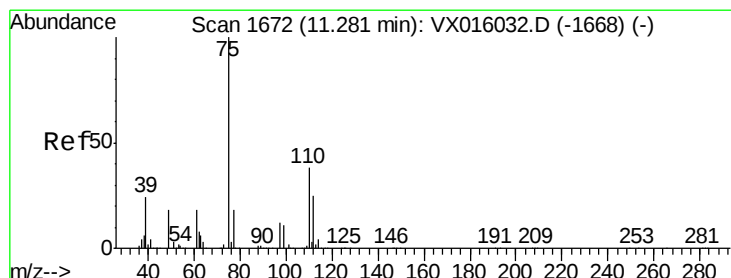
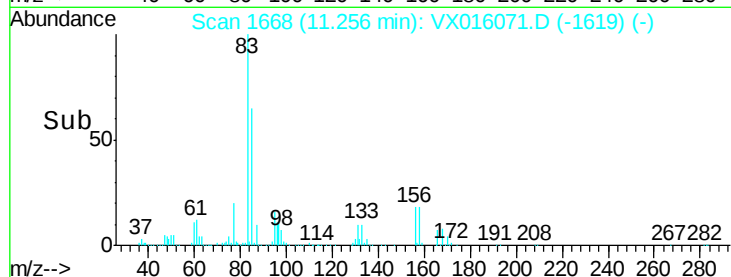
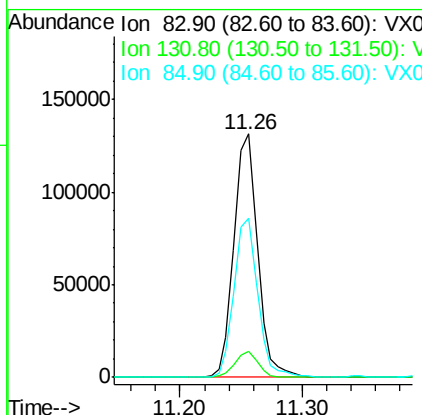
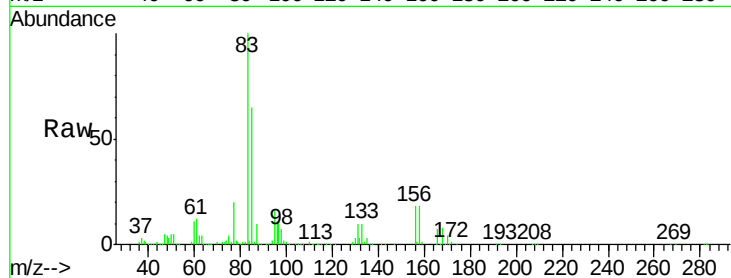
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	176017
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.4
85	65.7	32.0	96.0

Manual Integrations
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5/6/2020 12:26:50 PM



#76

1,2,3-Trichloropropane

Concen: 48.596 ug/l m

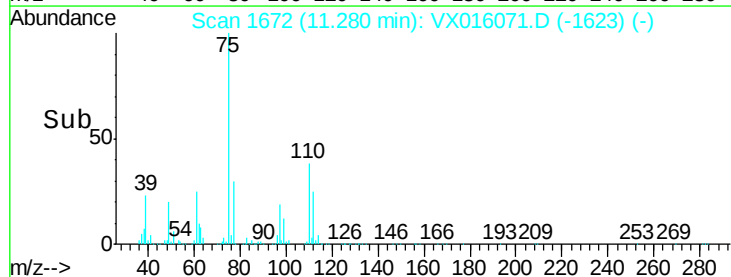
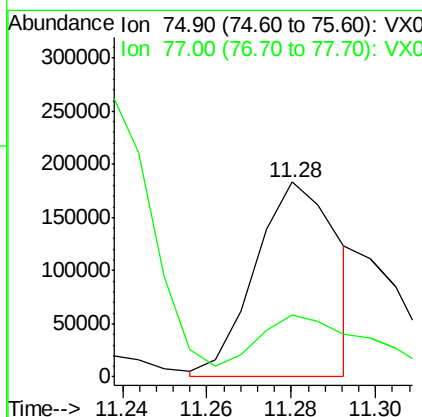
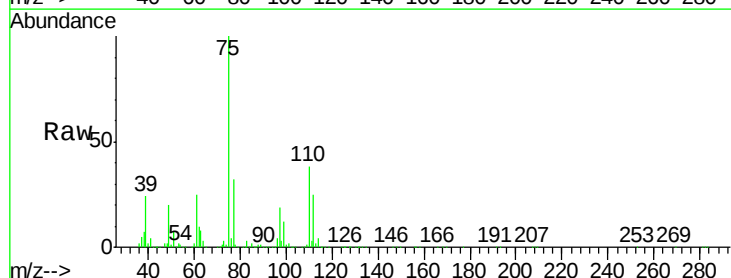
RT: 11.28 min Scan# 1672

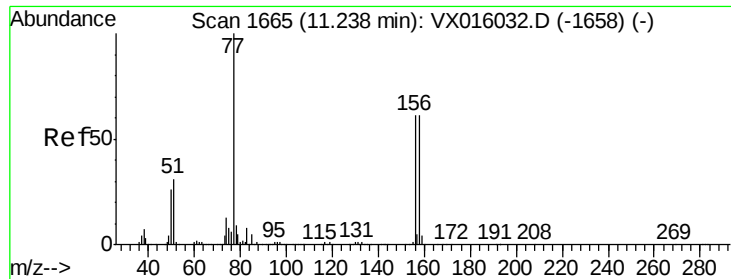
Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Tgt Ion:	75	Resp:	250926
Ion Ratio	Lower	Upper	
75	100		
77	43.1	21.2	63.6





#77

Bromobenzene

Concen: 47.179 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Instrument :

MSVOA_X

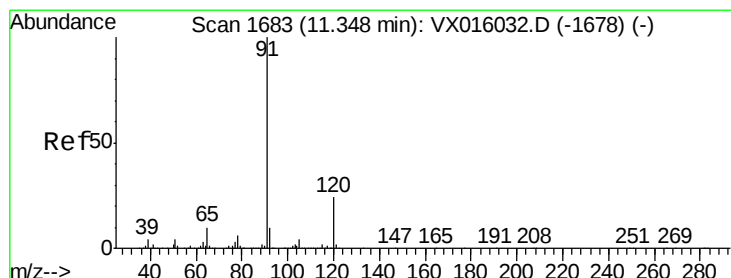
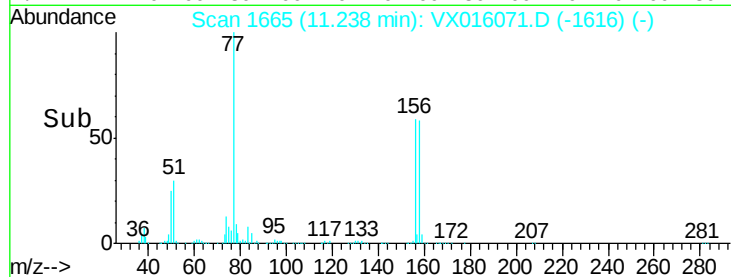
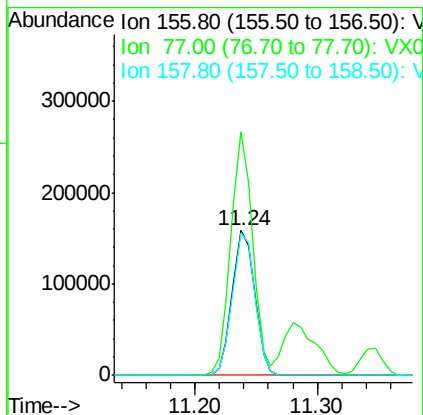
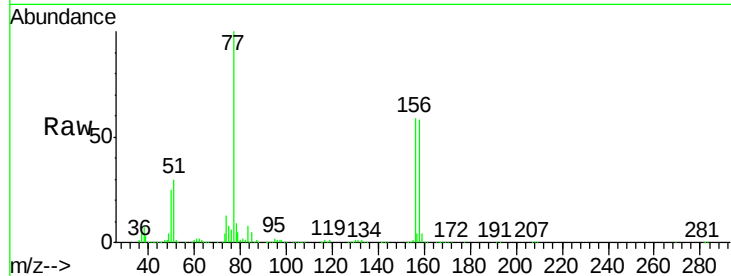
ClientSampled :

VSTDCCC050EC

Tot Ion:	156	Resp:	201543
Ion Ratio	Lower	Upper	
156	100		
77	162.7	80.1	240.3
158	98.0	49.4	148.2

Manual Integrations
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#78

n-propylbenzene

Concen: 48.431 ug/l

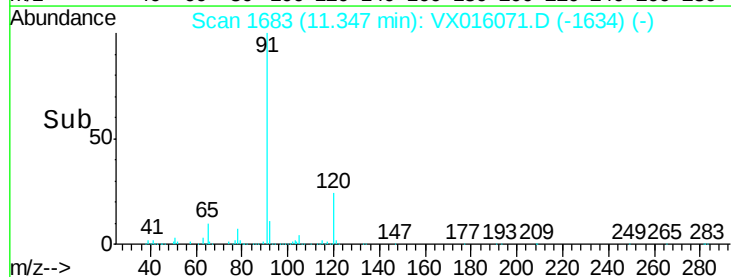
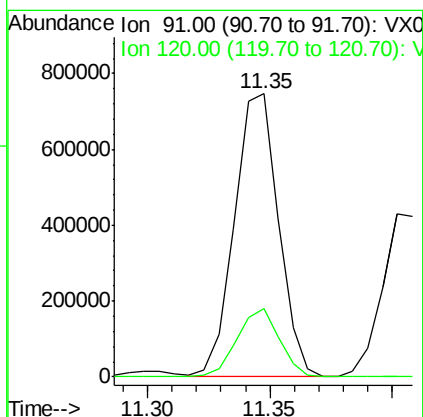
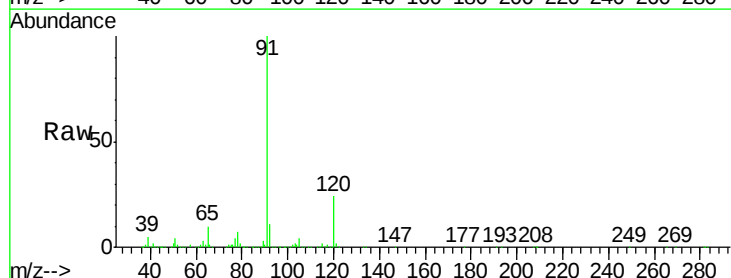
RT: 11.35 min Scan# 1683

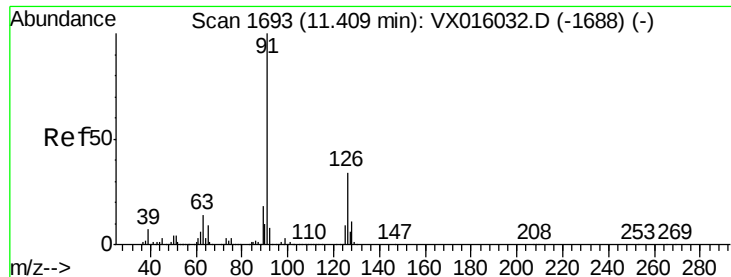
Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Tgt Ion:	91	Resp:	932486
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.5	34.5





#79

2-Chlorotoluene

Concen: 48.250 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 548357

Ion Ratio Lower Upper

91 100

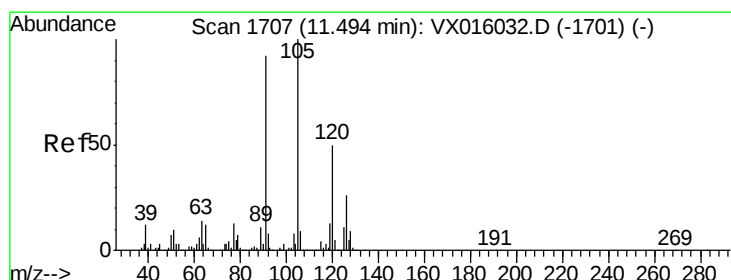
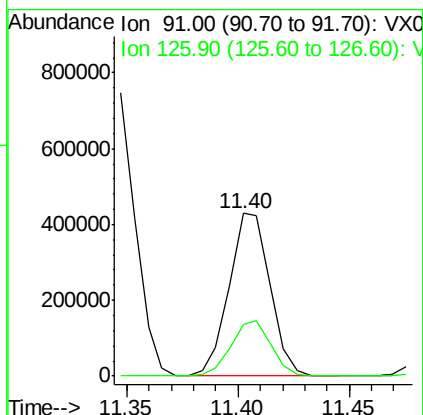
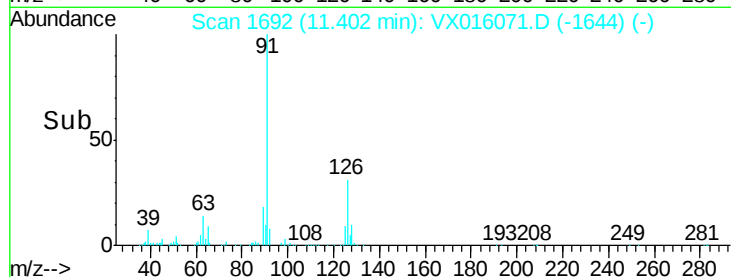
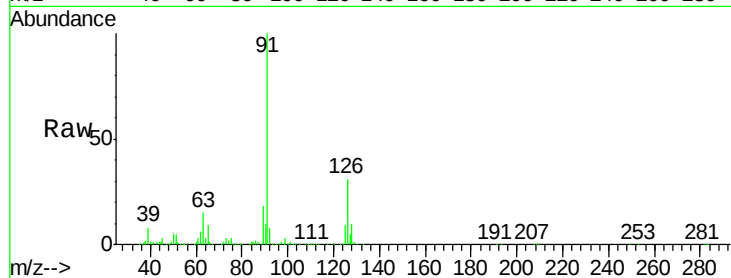
126 33.3 16.9 50.6

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 48.912 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016071.D

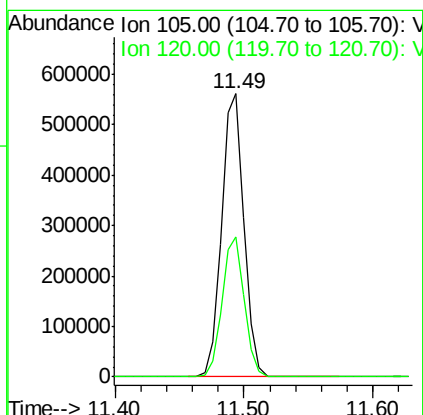
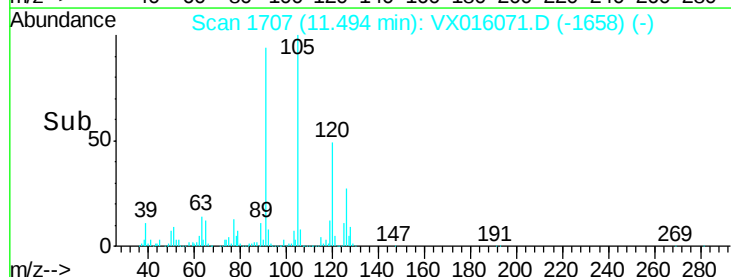
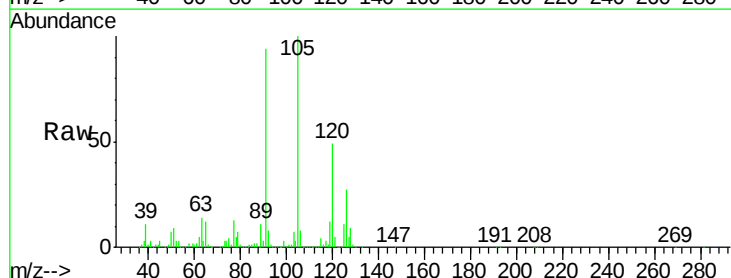
Acq: 05 May 2020 17:59

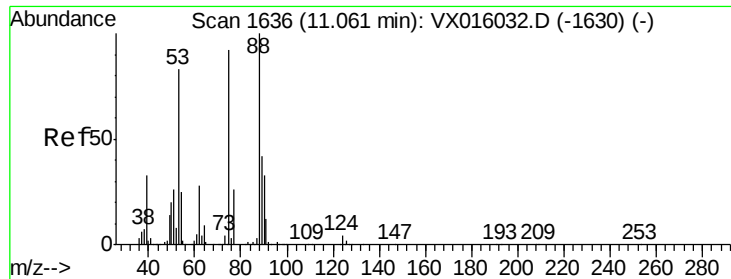
Tgt Ion: 105 Resp: 683487

Ion Ratio Lower Upper

105 100

120 49.1 24.6 74.0





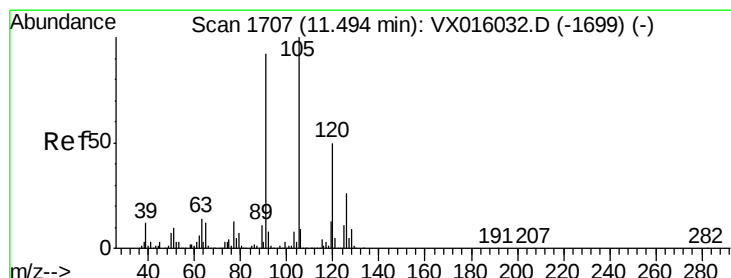
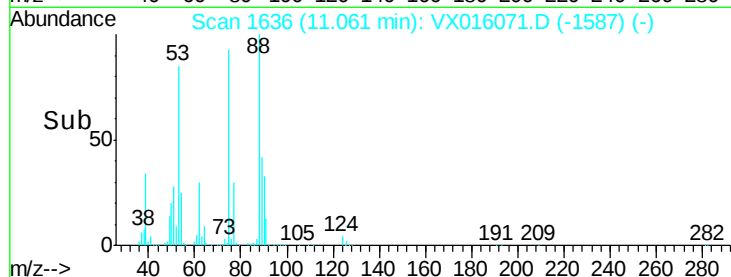
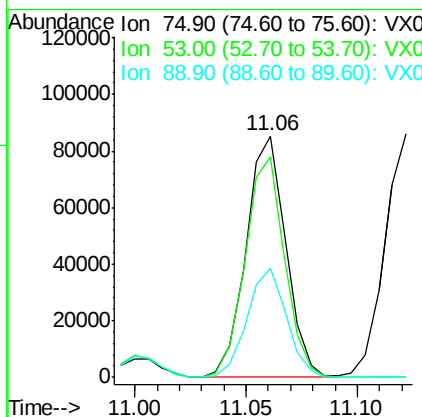
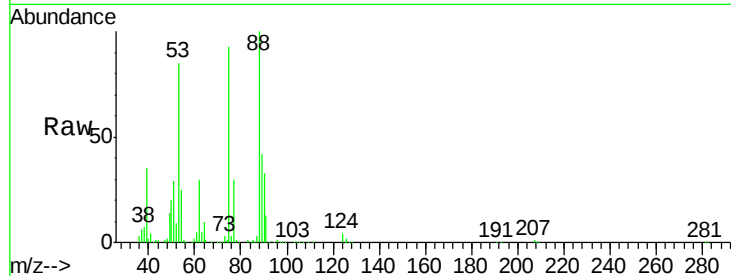
#81
trans-1,4-Dichloro-2-butene
Concen: 48.564 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	91.5	73.1	109.7
89	45.4	36.7	55.1

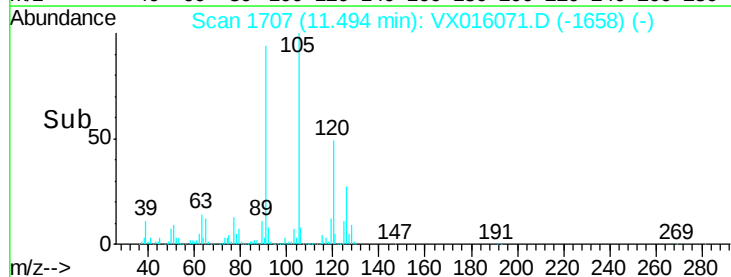
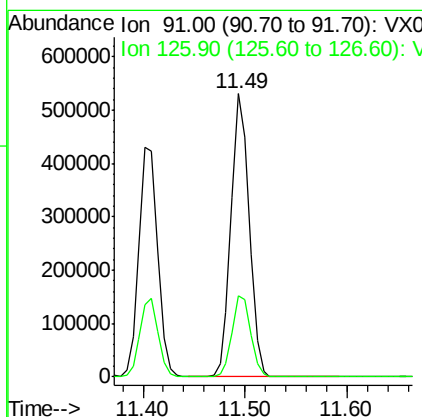
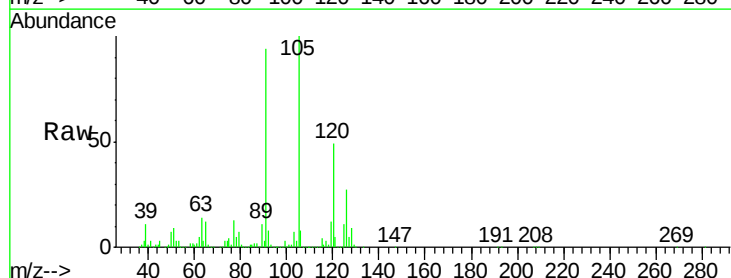
Manual Integrations
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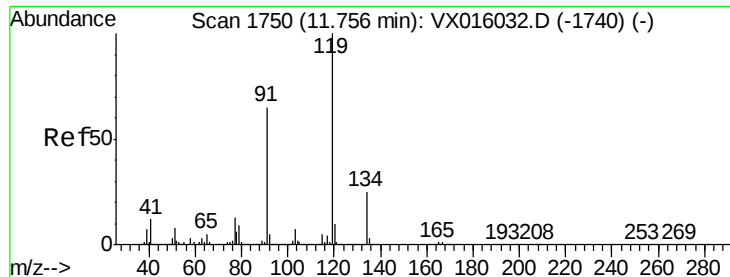
MMDadoda
5/6/2020 12:26:50 PM



#82
4-Chlorotoluene
Concen: 48.458 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.2	14.8	44.3





#83

tert-Butylbenzene

Concen: 48.772 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Instrument :

MSVOA_X

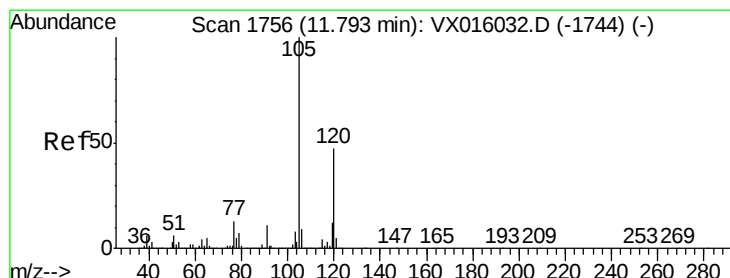
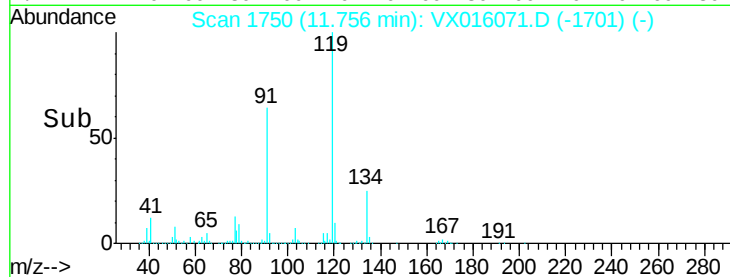
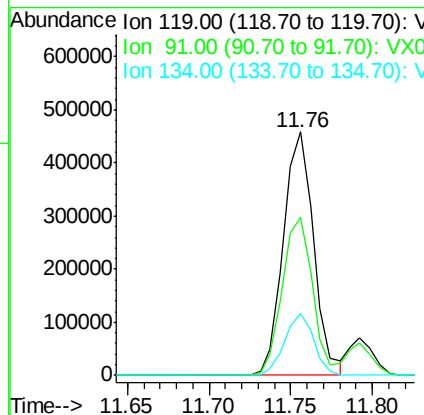
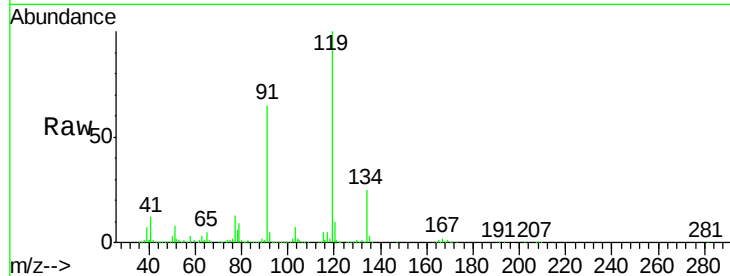
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	587351		
91	64.1	32.8	98.4	
134	24.4	12.4	37.0	

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#84

1,2,4-Trimethylbenzene

Concen: 49.042 ug/l

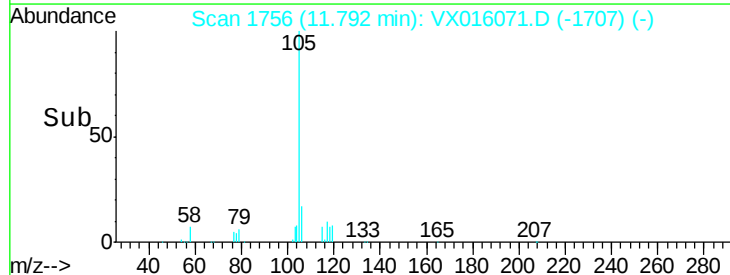
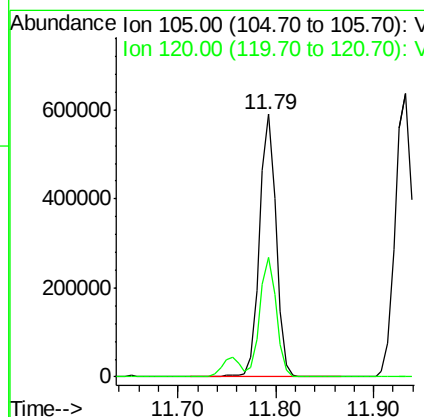
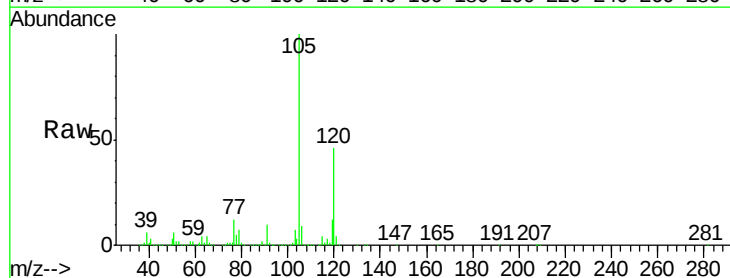
RT: 11.79 min Scan# 1756

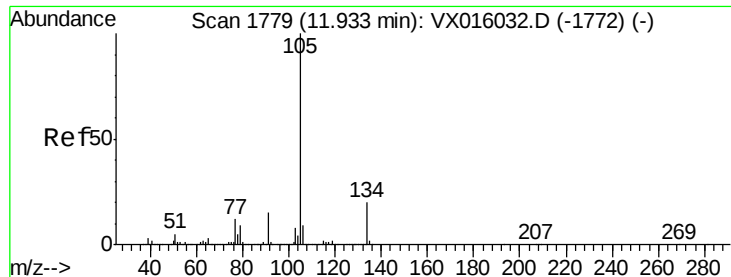
Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	692845		
120	45.3	23.0	69.0	





#85

sec-Butylbenzene

Concen: 48.089 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 781923

Ion Ratio Lower Upper

105 100

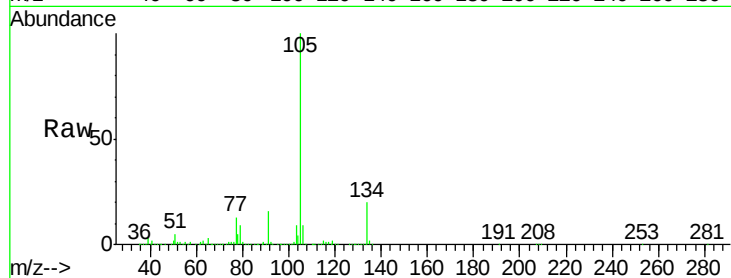
134 20.2 10.1 30.3

Manual Integrations

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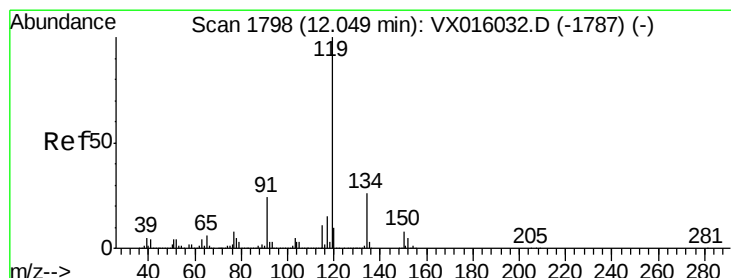
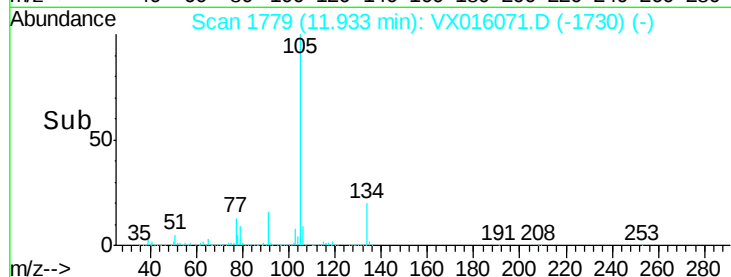
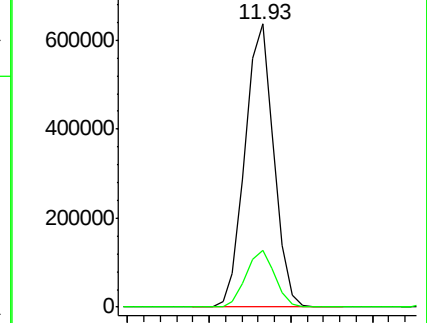
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.187 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

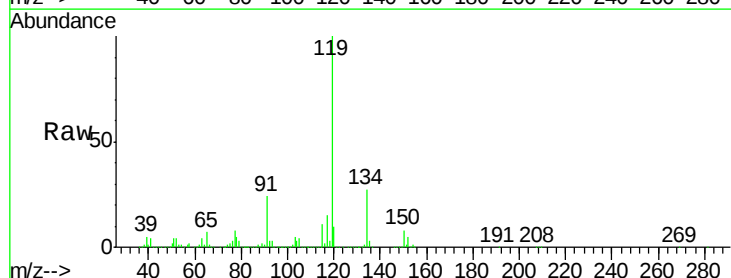
Tgt Ion:119 Resp: 727451

Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

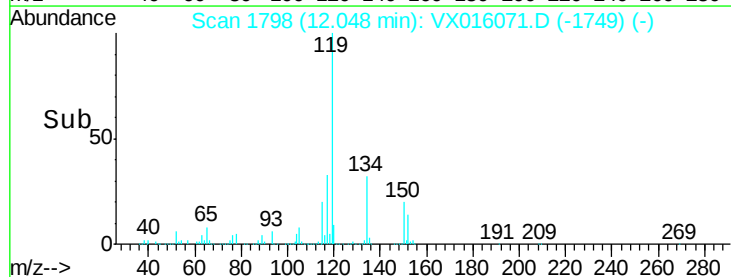
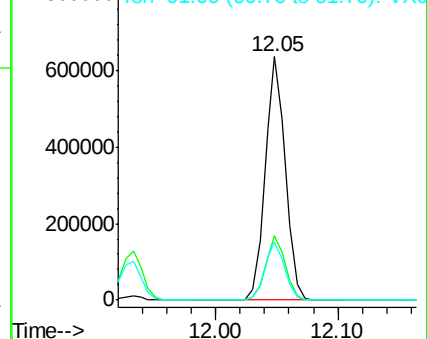
91 24.0 11.8 35.4

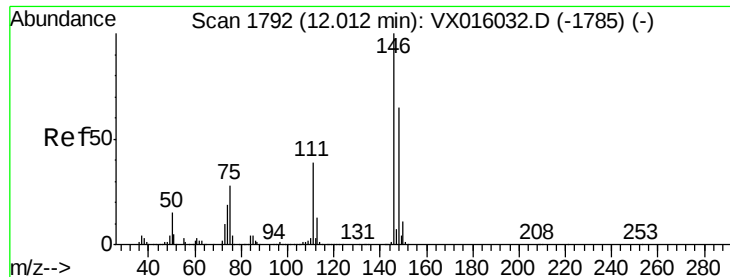


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





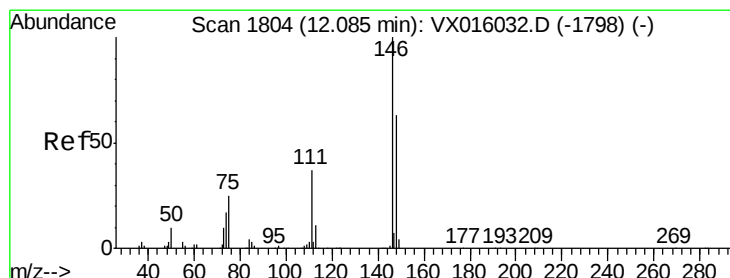
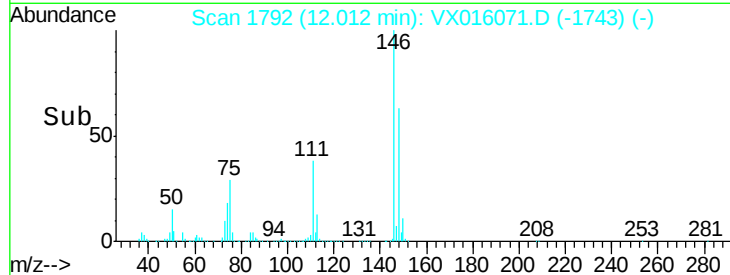
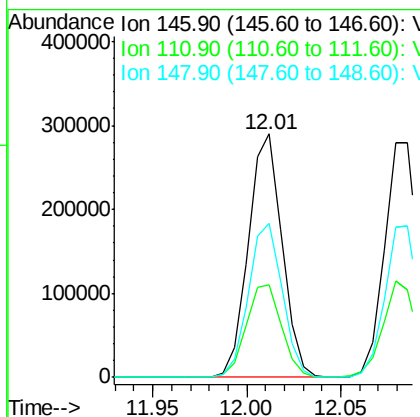
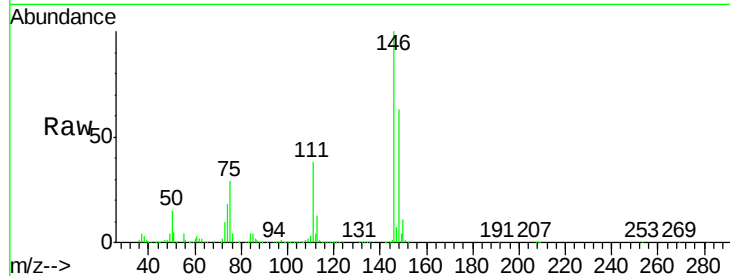
#87
 1,3-Dichlorobenzene
 Concen: 46.849 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016071.D
 Acq: 05 May 2020 17:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	359353		
111	39.7	20.2	60.6	
148	63.4	32.1	96.3	

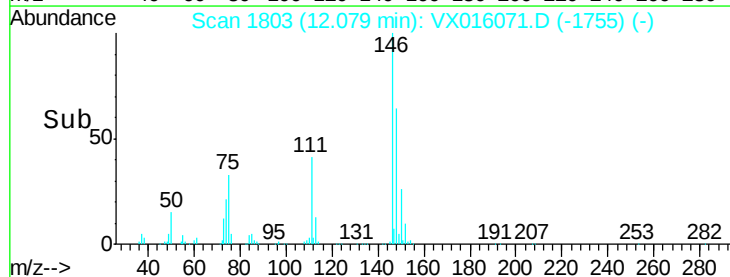
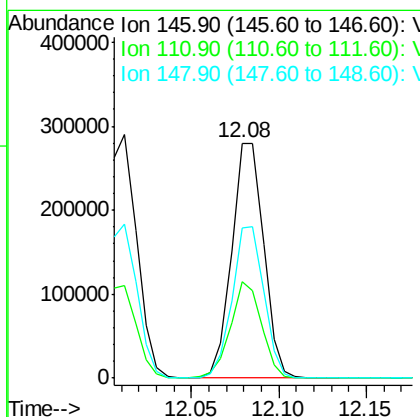
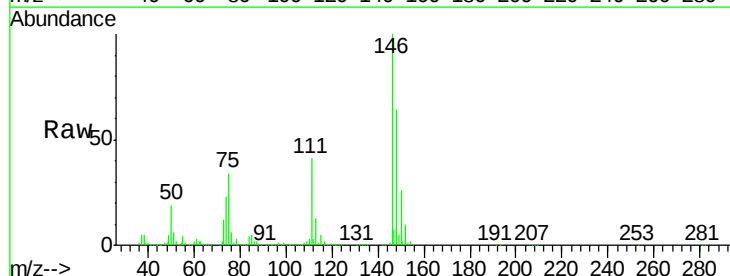
Manual Integrations
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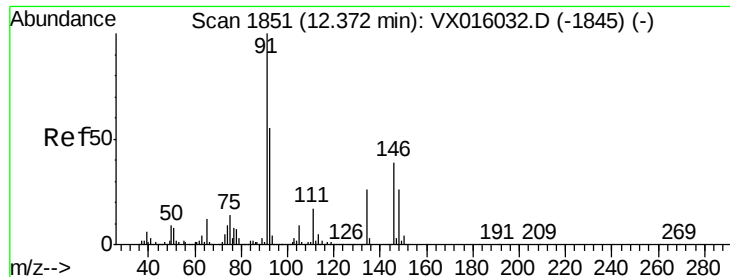
MMDadoda
 5/6/2020 12:26:50 PM



#88
 1,4-Dichlorobenzene
 Concen: 45.866 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX016071.D
 Acq: 05 May 2020 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	357075		
111	40.0	19.6	58.7	
148	64.3	31.8	95.3	





#89

n-Butylbenzene

Concen: 47.488 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Instrument :

MSVOA_X

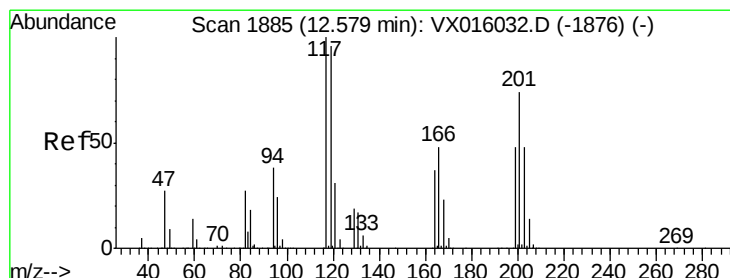
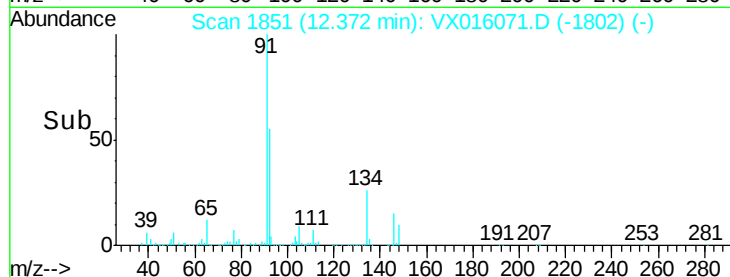
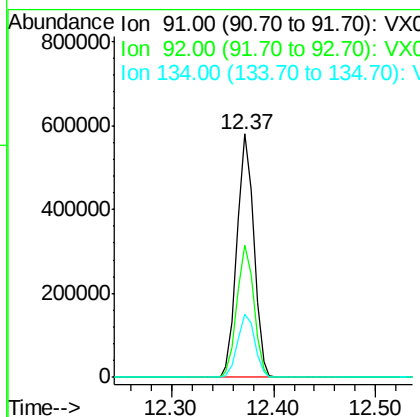
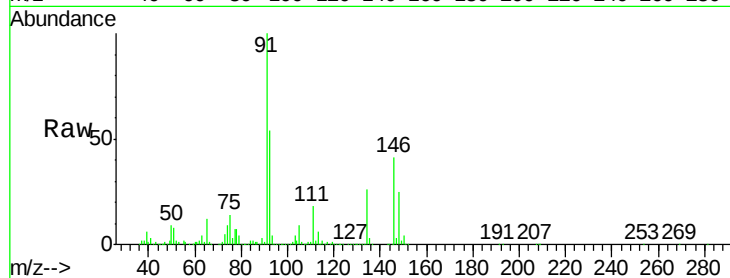
ClientSampleId :

VSTDCCC050EC

Tot Ion:	91	Resp:	654926
Ion Ratio	Lower	Upper	
91	100		
92	54.6	27.6	82.7
134	26.6	13.4	40.1

Manual Integrations
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5/6/2020 12:26:50 PM



#90

Hexachloroethane

Concen: 49.096 ug/l

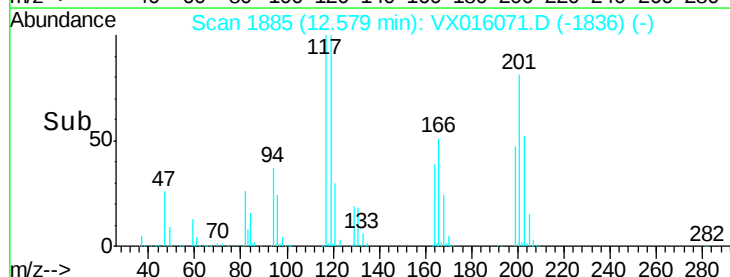
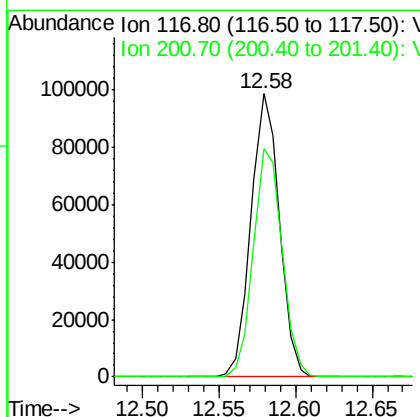
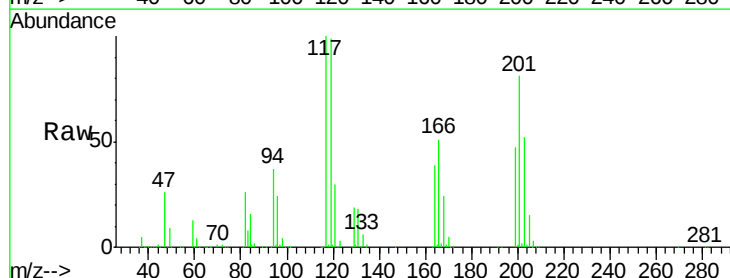
RT: 12.58 min Scan# 1885

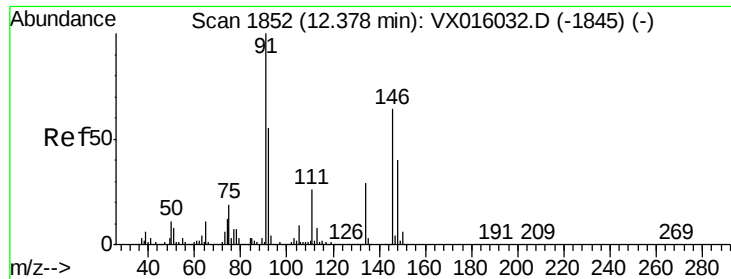
Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Tgt Ion:	117	Resp:	127289
Ion Ratio	Lower	Upper	
117	100		
201	82.2	39.8	119.3





#91

1,2-Dichlorobenzene

Concen: 46.634 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Instrument :

MSVOA_X

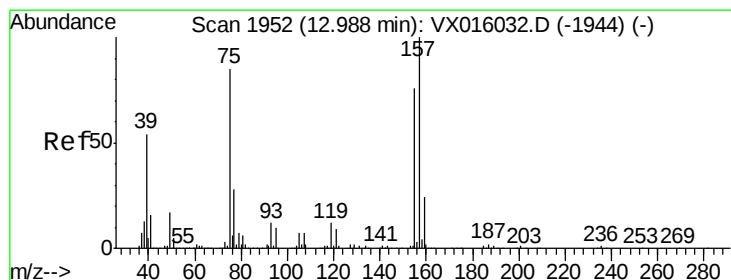
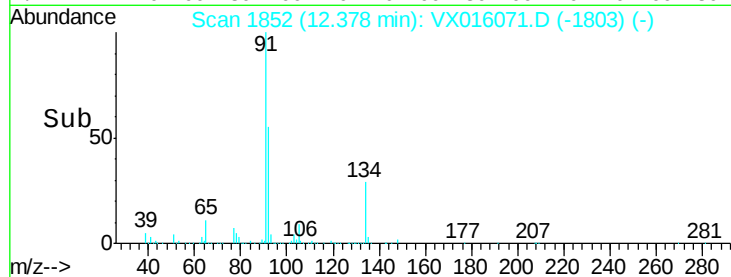
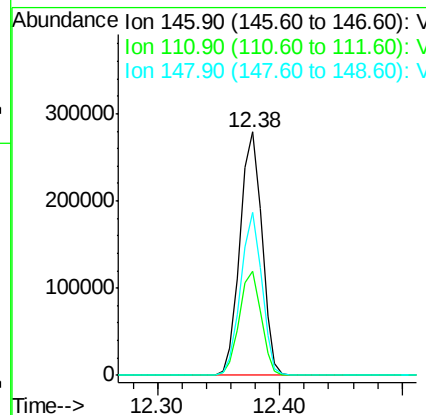
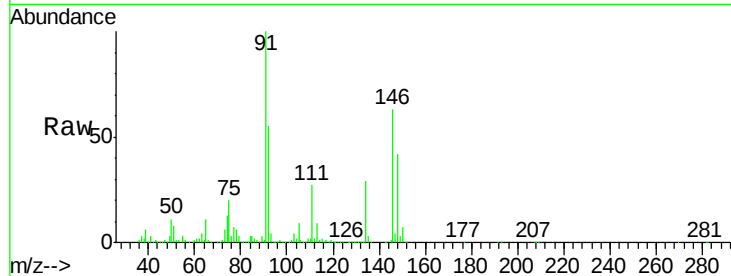
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	344433
Ion Ratio	Lower	Upper	
146	100		
111	42.5	21.1	63.1
148	64.6	32.4	97.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 47.063 ug/l

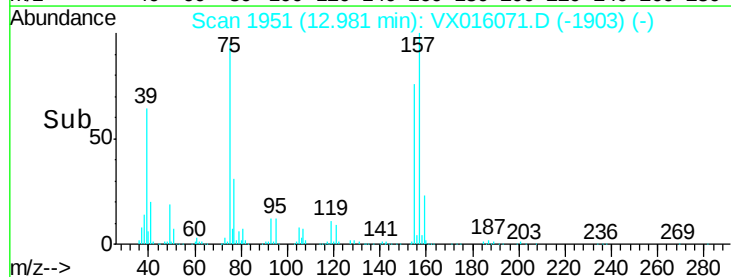
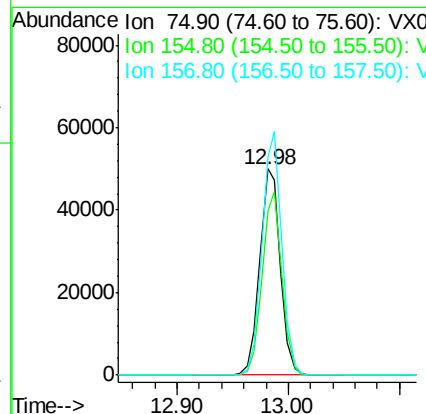
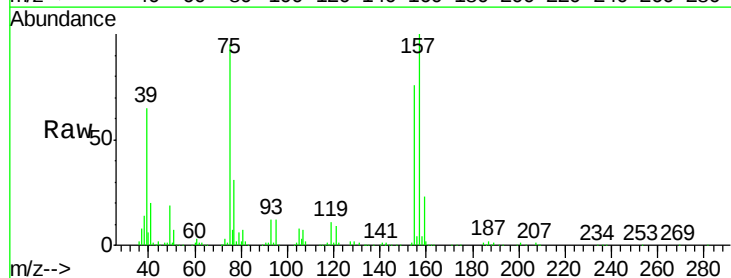
RT: 12.98 min Scan# 1951

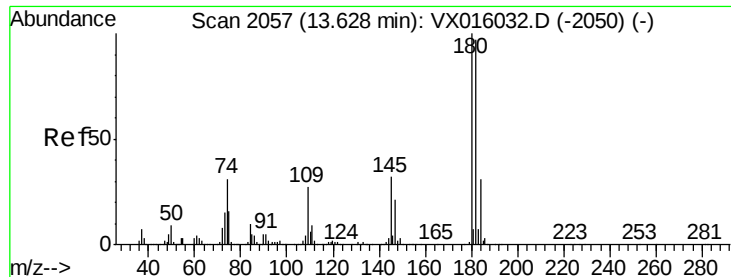
Delta R.T. -0.01 min

Lab File: VX016071.D

Acq: 05 May 2020 17:59

Tgt Ion:	75	Resp:	64047
Ion Ratio	Lower	Upper	
75	100		
155	85.9	42.5	127.5
157	113.3	55.3	165.8





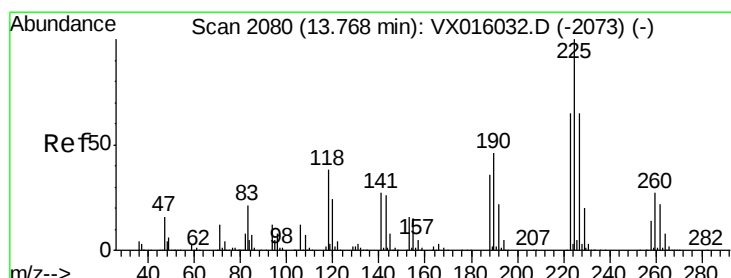
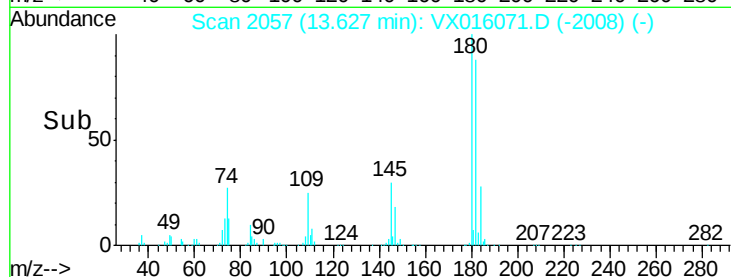
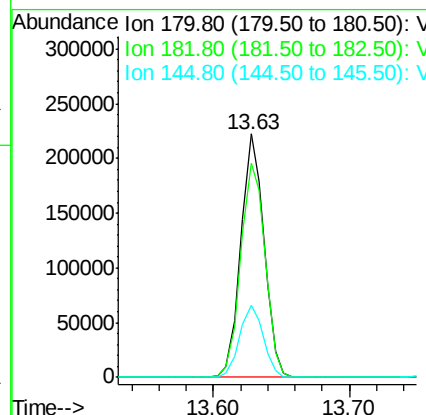
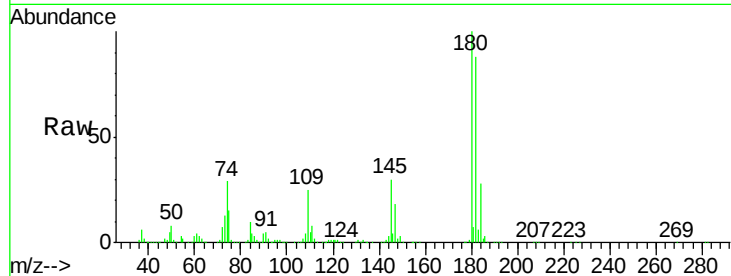
#93
 1,2,4-Trichlorobenzene
 Concen: 48.211 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016071.D
 Acq: 05 May 2020 17:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	263627		
182	92.4	48.7	146.1	
145	30.3	15.7	47.1	

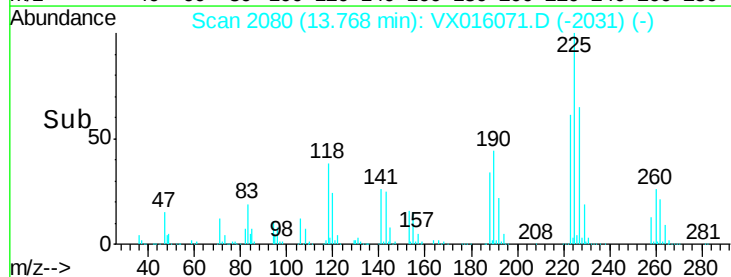
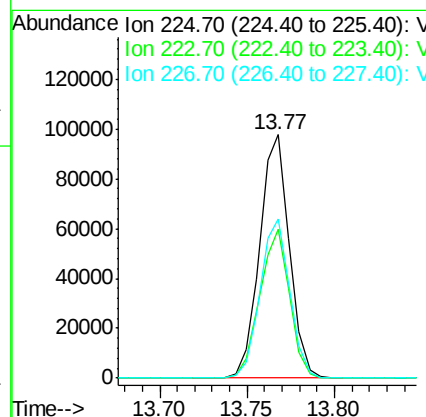
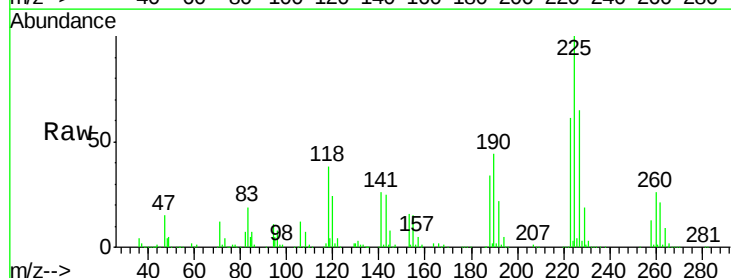
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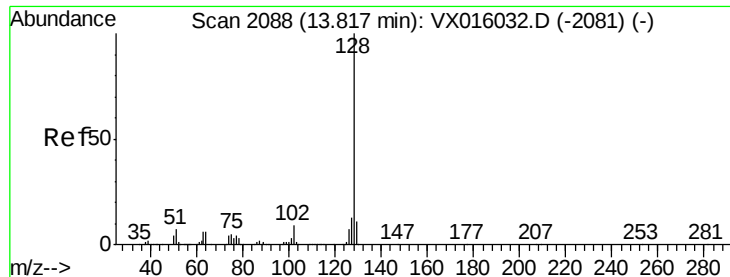
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#94
 Hexachlorobutadiene
 Concen: 49.214 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016071.D
 Acq: 05 May 2020 17:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	115860		
223	61.3	32.3	96.9	
227	65.5	31.8	95.4	





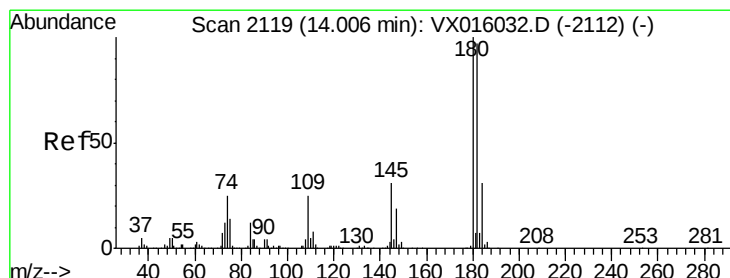
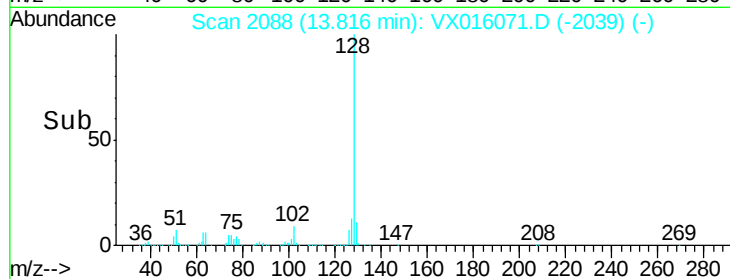
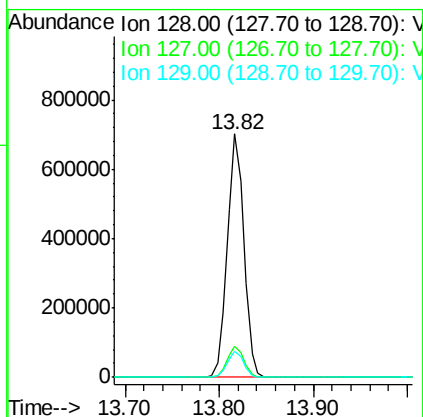
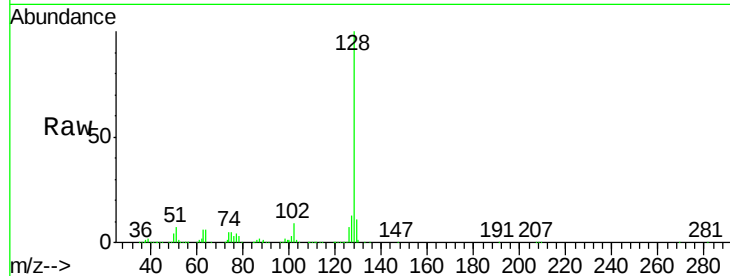
#95
Naphthalene
Concen: 48.364 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.7	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 47.240 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016071.D
Acq: 05 May 2020 17:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.4	145.0
145	32.1	16.4	49.1

